

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132024.D
 Acq On : 11 Jan 2023 15:38
 Operator : CG\JU
 Sample : PB150032BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150032BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/12/2023
 Supervised By : Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 00:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	104773	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	420678	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262725	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	473501	20.000	ng	0.00
76) Chrysene-d12	13.986	240	276776	20.000	ng	0.00
86) Perylene-d12	15.445	264	191584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	794333	124.926	ng	0.02
7) Phenol-d6	6.440	99	1036232	122.915	ng	0.00
23) Nitrobenzene-d5	7.363	82	724057	71.434	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	330117	109.283	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1346795	69.202	ng	0.00
79) Terphenyl-d14	12.927	244	1582479	81.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	85211	30.684	ng	98
3) Pyridine	3.275	79	233927	30.014	ng	97
4) n-Nitrosodimethylamine	3.252	42	149286	40.756	ng	95
6) Aniline	6.445	93	322371	29.063	ng	# 31
8) 2-Chlorophenol	6.575	128	286583	44.923	ng	95
9) Benzaldehyde	6.334	77	71673	12.777	ng	95
10) Phenol	6.451	94	397550	42.272	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	298506	42.105	ng	96
12) 1,3-Dichlorobenzene	6.722	146	299929	42.210	ng	99
13) 1,4-Dichlorobenzene	6.798	146	300645	41.817	ng	99
14) 1,2-Dichlorobenzene	6.951	146	291874	42.745	ng	98
15) Benzyl Alcohol	6.940	79	315293	42.947	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	365755	40.881	ng	# 41
17) 2-Methylphenol	7.057	107	261560	41.430	ng	92
18) Hexachloroethane	7.292	117	126311	42.483	ng	94
19) n-Nitroso-di-n-propyla...	7.216	70	248261	40.708	ng	97
20) 3+4-Methylphenols	7.210	107	334943	41.325	ng	# 89
22) Acetophenone	7.204	105	475670	38.836	ng	96
24) Nitrobenzene	7.381	77	377471	36.581	ng	98
25) Isophorone	7.622	82	715603	37.792	ng	99
26) 2-Nitrophenol	7.692	139	159613	39.312	ng	95
27) 2,4-Dimethylphenol	7.739	122	265673	39.201	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	394538	37.647	ng	99
29) 2,4-Dichlorophenol	7.945	162	273205	39.357	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	306046	38.496	ng	98
31) Naphthalene	8.098	128	832663	37.454	ng	100
32) Benzoic acid	7.916	122	164244	41.803	ng	97
33) 4-Chloroaniline	8.151	127	237726	25.913	ng	98
34) Hexachlorobutadiene	8.204	225	209216	37.957	ng	97
35) Caprolactam	8.557	113	69121m	33.903	ng	
36) 4-Chloro-3-methylphenol	8.651	107	324179	39.790	ng	99
37) 2-Methylnaphthalene	8.792	142	584804	36.626	ng	100
38) 1-Methylnaphthalene	8.892	142	548370	37.070	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	335784	36.270	ng	99
41) Hexachlorocyclopentadiene	8.939	237	277056	62.187	ng	100
43) 2,4,6-Trichlorophenol	9.081	196	204821	36.756	ng	96

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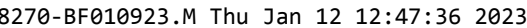
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	221932	34.209	ng	96
46) 1,1'-Biphenyl	9.263	154	756383	37.300	ng	98
47) 2-Chloronaphthalene	9.286	162	593263	37.694	ng	99
48) 2-Nitroaniline	9.392	65	212105	37.104	ng	99
49) Acenaphthylene	9.704	152	874350	35.800	ng	99
50) Dimethylphthalate	9.569	163	748211	36.535	ng	99
51) 2,6-Dinitrotoluene	9.639	165	157743	36.623	ng	99
52) Acenaphthene	9.875	154	538143	36.707	ng	100
53) 3-Nitroaniline	9.810	138	116793	27.949	ng	98
54) 2,4-Dinitrophenol	9.922	184	178044	82.327	ng	96
55) Dibenzofuran	10.045	168	822658	35.599	ng	98
56) 4-Nitrophenol	9.992	139	160396	68.145	ng	97
57) 2,4-Dinitrotoluene	10.045	165	211658	36.755	ng	93
58) Fluorene	10.392	166	670899	36.343	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	179116	37.053	ng	92
60) Diethylphthalate	10.275	149	730842	36.293	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	372550	35.253	ng	95
62) 4-Nitroaniline	10.439	138	133141	35.433	ng	96
63) Azobenzene	10.545	77	742856	34.775	ng	98
65) 4,6-Dinitro-2-methylph...	10.463	198	123091	40.311	ng	95
66) n-Nitrosodiphenylamine	10.510	169	579956	39.040	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	228389	38.557	ng	96
68) Hexachlorobenzene	10.939	284	249440	41.629	ng	99
69) Atrazine	11.045	200	231342	42.824	ng	98
70) Pentachlorophenol	11.145	266	221308	69.844	ng	98
71) Phenanthrene	11.357	178	957962	38.809	ng	99
72) Anthracene	11.410	178	966789	38.046	ng	99
73) Carbazole	11.569	167	819140	38.937	ng	99
74) Di-n-butylphthalate	11.892	149	1128913	38.539	ng	99
75) Fluoranthene	12.551	202	1024887	36.919	ng	100
77) Benzidine	12.674	184	206059	22.410	ng	97
78) Pyrene	12.780	202	1012390	40.105	ng	99
80) Butylbenzylphthalate	13.398	149	403298	39.580	ng	98
81) Benzo(a)anthracene	13.974	228	738024	36.651	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	216675	34.478	ng	98
83) Chrysene	14.010	228	687681	36.543	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	547581	39.667	ng	98
85) Di-n-octyl phthalate	14.568	149	745122	39.445	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	565386	48.119	ng	100
88) Benzo(b)fluoranthene	15.021	252	615235	46.820	ng	99
89) Benzo(k)fluoranthene	15.051	252	531570	40.534	ng	99
90) Benzo(a)pyrene	15.386	252	483536	40.842	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	499751	50.738	ng	98
92) Benzo(g,h,i)perylene	17.362	276	473587	45.131	ng	98

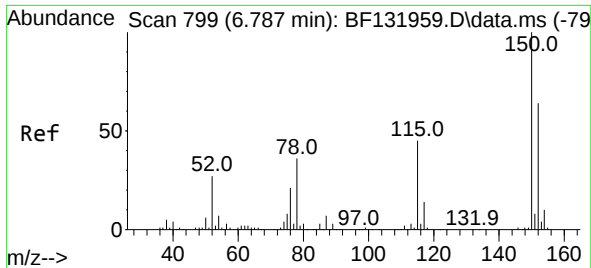
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Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

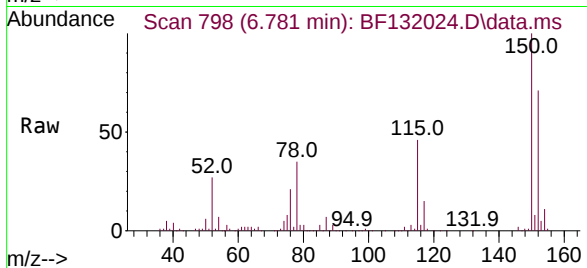
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

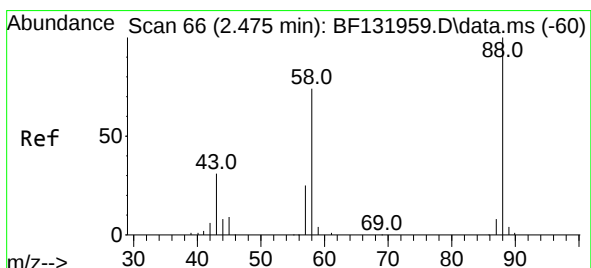
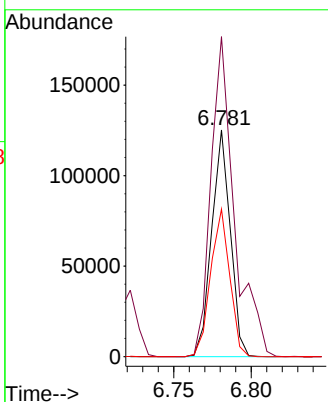
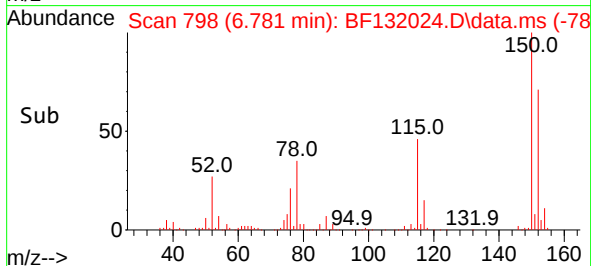
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:152 Resp: 104773
Ion Ratio Lower Upper
152 100
150 141.2 124.6 186.8
115 65.1 55.6 83.4

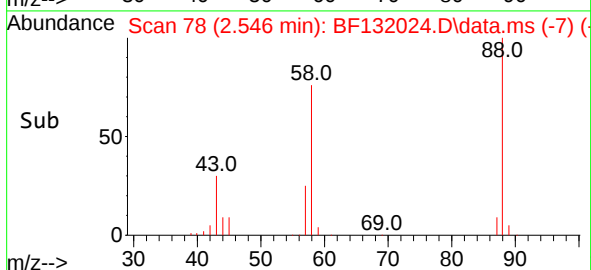
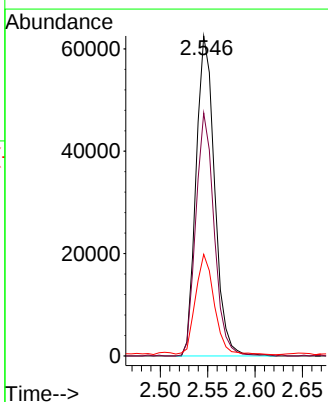
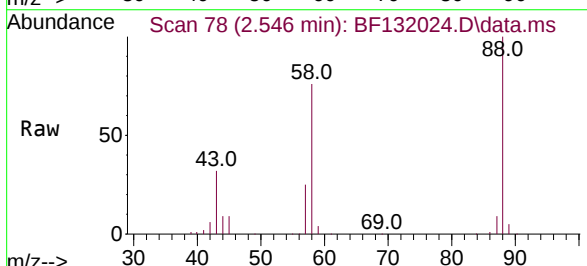
Manual Integrations
APPROVED

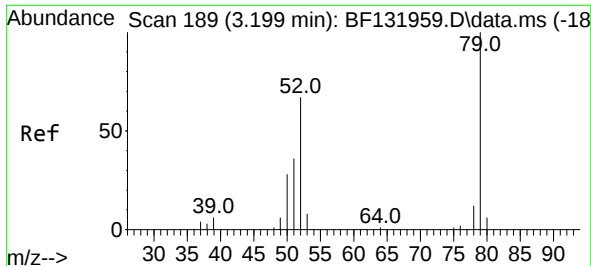
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#2
1,4-Dioxane
Concen: 30.684 ng
RT: 2.546 min Scan# 78
Delta R.T. 0.071 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

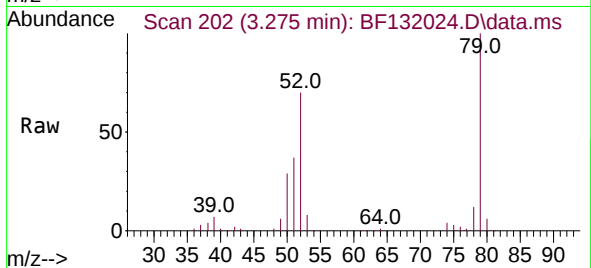
Tgt Ion: 88 Resp: 85211
Ion Ratio Lower Upper
88 100
58 75.1 59.0 88.4
43 31.8 24.6 37.0





#3
Pyridine
Concen: 30.014 ng
RT: 3.275 min Scan# 20
Delta R.T. 0.076 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

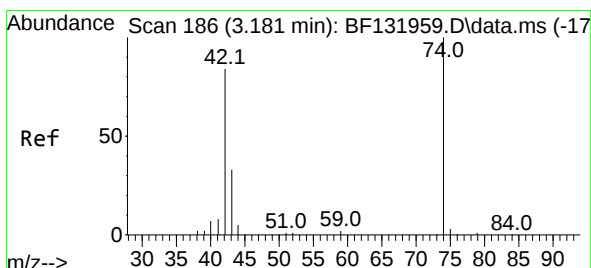
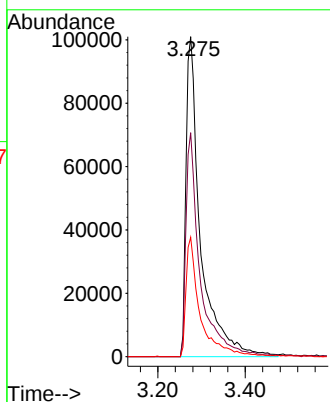
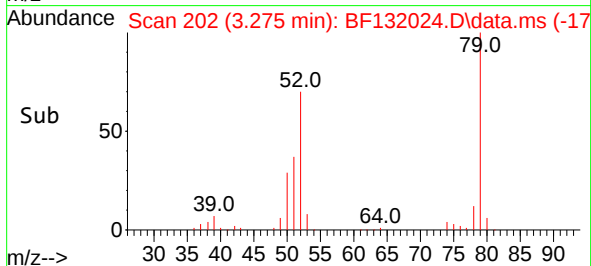
Instrument :
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ClientSampleId :
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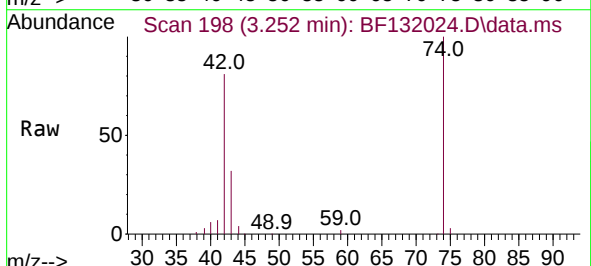
Tgt Ion: 79 Resp: 23392
Ion Ratio Lower Upper
79 100
52 70.0 53.7 80.5
51 37.3 28.6 43.0

Manual Integrations
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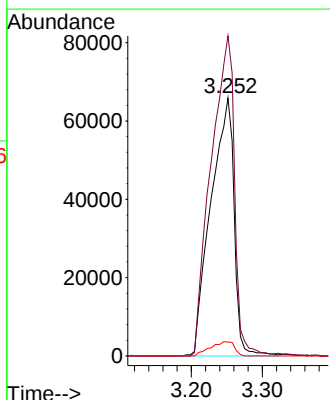
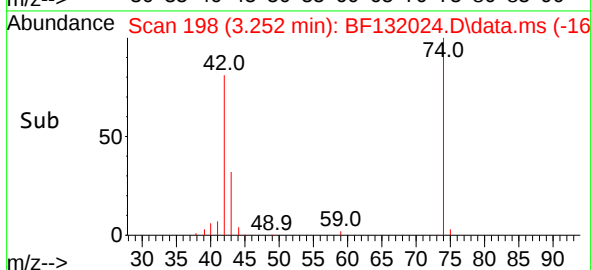
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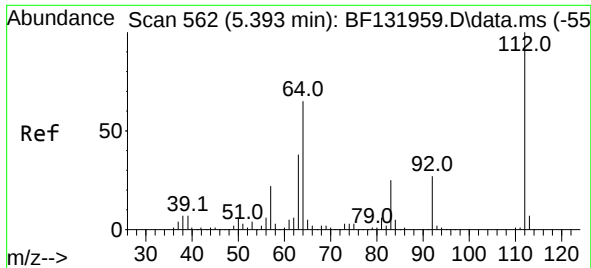


#4
n-Nitrosodimethylamine
Concen: 40.756 ng
RT: 3.252 min Scan# 198
Delta R.T. 0.071 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion: 42 Resp: 149286
Ion Ratio Lower Upper
42 100
74 124.1 94.8 142.2
44 5.4 4.5 6.7





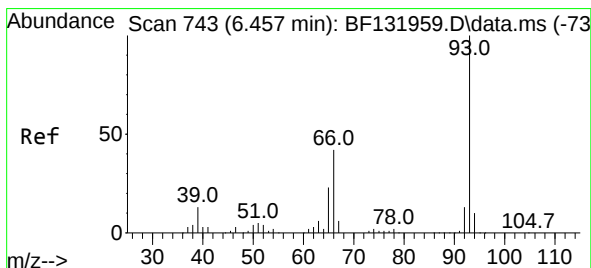
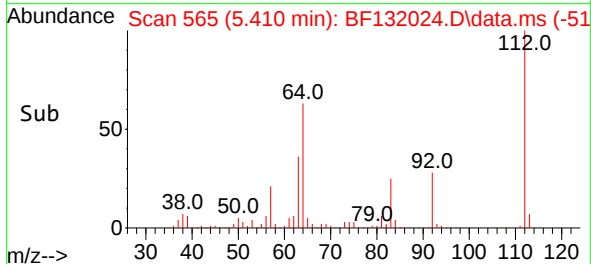
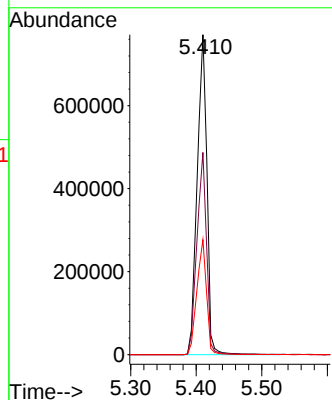
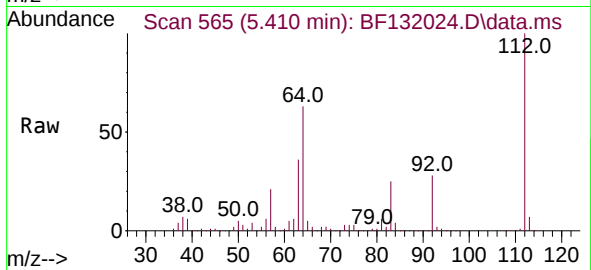
#5
2-Fluorophenol
Concen: 124.926 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
ClientSampleId :
PB150032BS

Tgt Ion:112 Resp: 794333
Ion Ratio Lower Upper
112 100
64 63.2 51.9 77.9
63 35.9 30.2 45.2

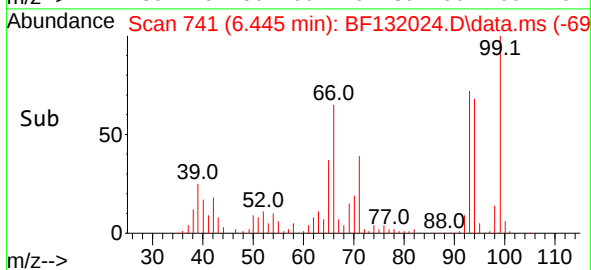
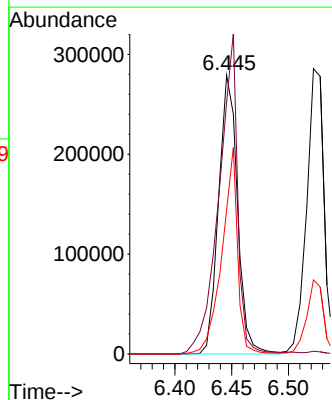
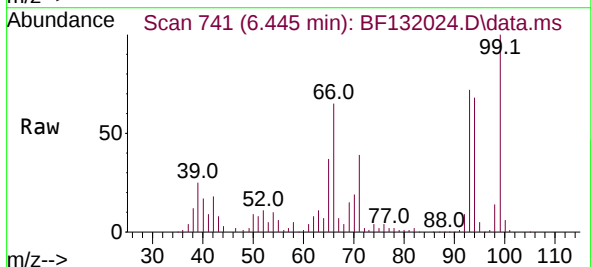
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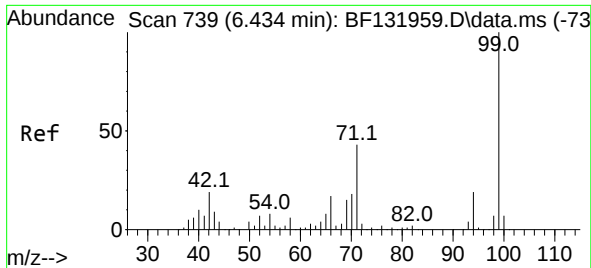
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#6
Aniline
Concen: 29.063 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

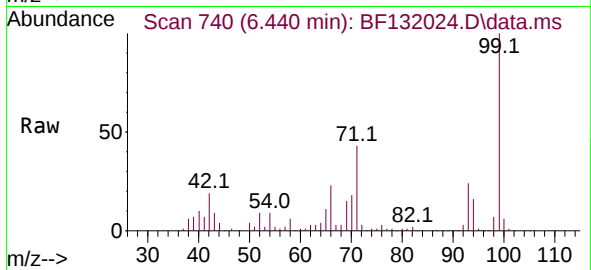
Tgt Ion: 93 Resp: 322371
Ion Ratio Lower Upper
93 100
66 90.2 34.6 51.8#
65 51.6 18.2 27.2#





#7
Phenol-d6
Concen: 122.915 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

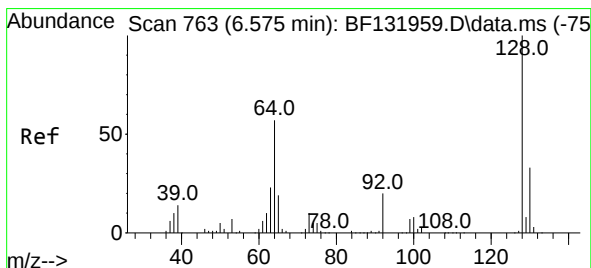
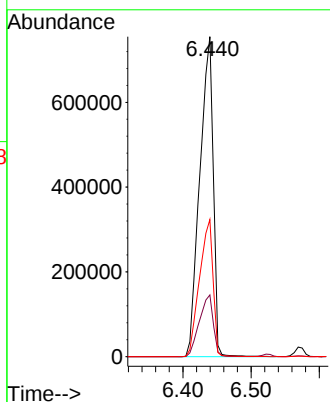
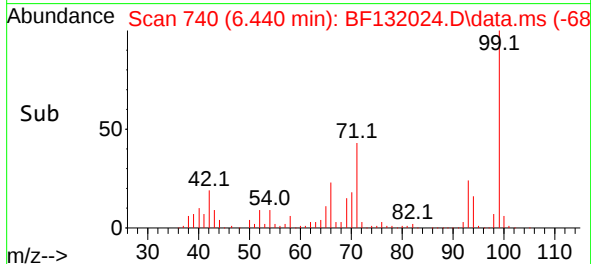
Instrument :
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Tgt Ion: 99 Resp: 103623
Ion Ratio Lower Upper
99 100
42 19.3 15.4 23.2
71 42.8 34.6 51.8

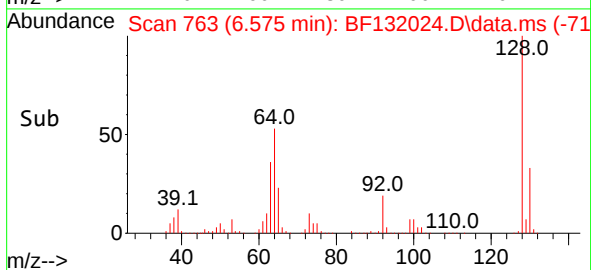
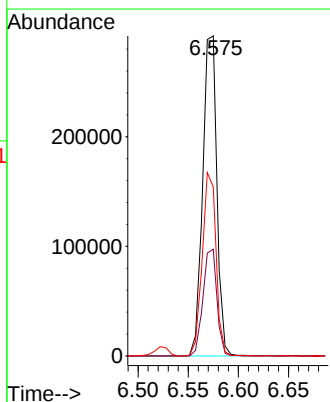
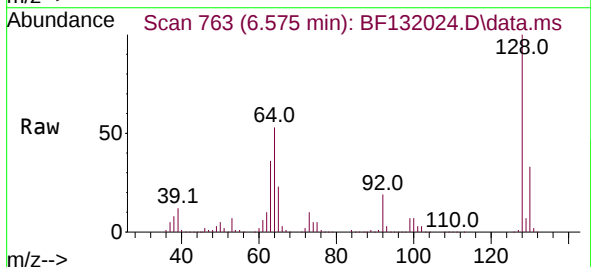
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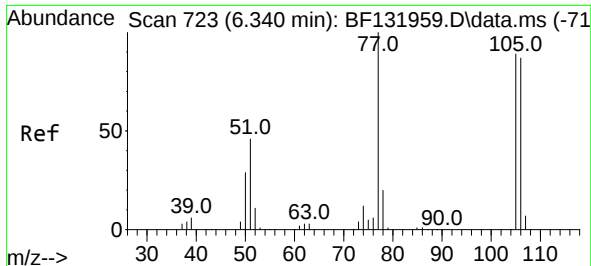
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#8
2-Chlorophenol
Concen: 44.923 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:128 Resp: 286583
Ion Ratio Lower Upper
128 100
130 33.3 12.5 52.5
64 52.8 37.6 77.6





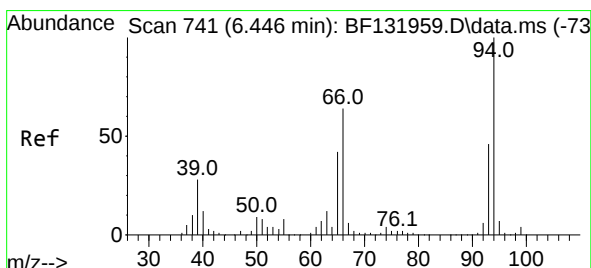
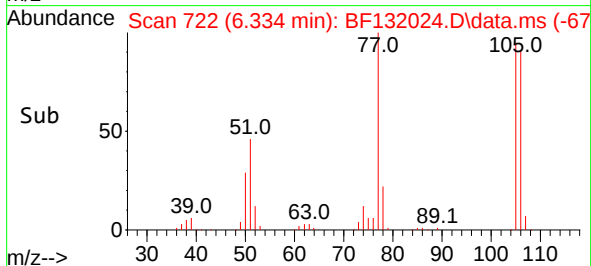
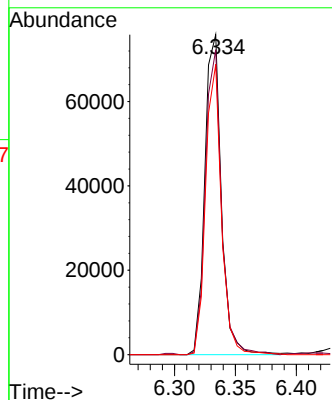
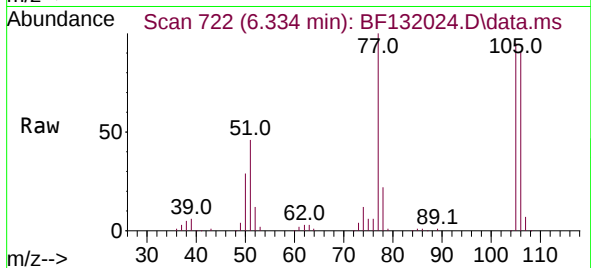
#9
Benzaldehyde
Concen: 12.777 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
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PB150032BS

Tgt Ion: 77 Resp: 71673
Ion Ratio Lower Upper
77 100
105 95.3 69.0 109.0
106 90.7 67.0 107.0

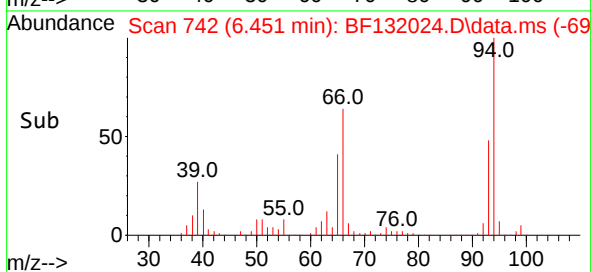
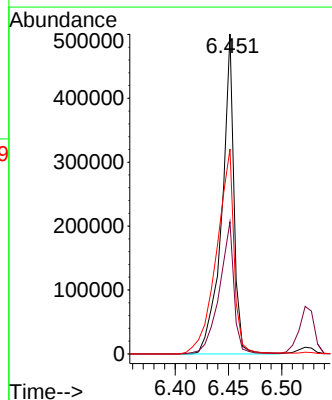
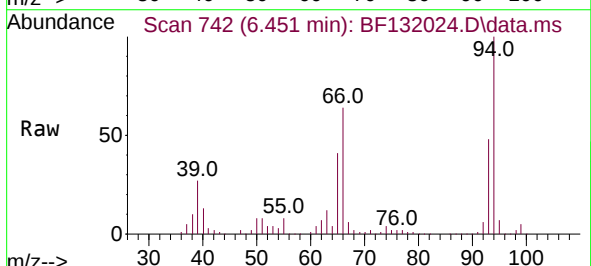
Manual Integrations
APPROVED

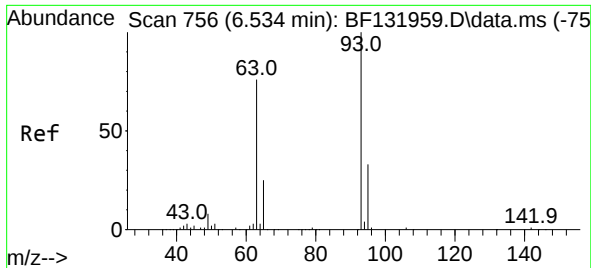
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#10
Phenol
Concen: 42.272 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

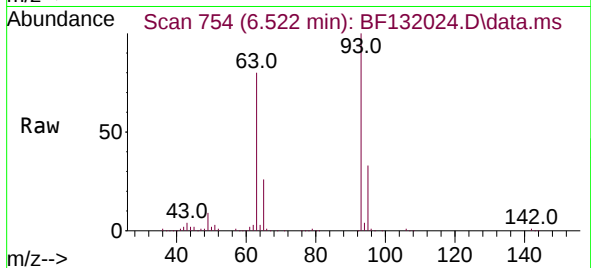
Tgt Ion: 94 Resp: 397550
Ion Ratio Lower Upper
94 100
65 41.3 22.2 62.2
66 64.0 44.4 84.4





#11
bis(2-Chloroethyl)ether
Concen: 42.105 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

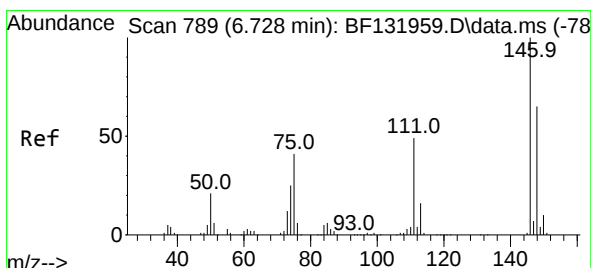
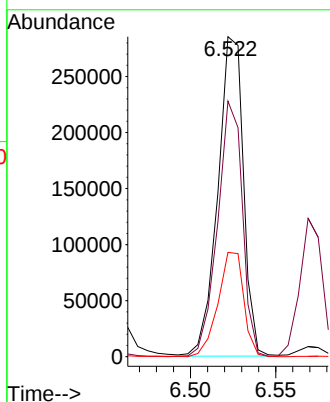
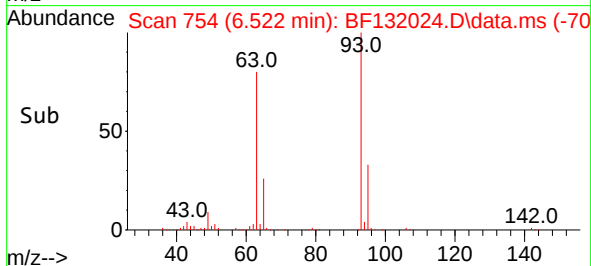
Instrument :
BNA_F
ClientSampleId :
PB150032BS



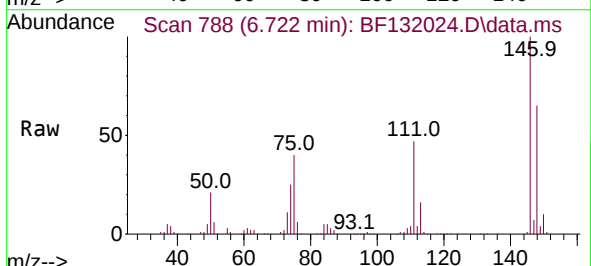
Tgt Ion: 93 Resp: 298506
Ion Ratio Lower Upper
93 100
63 79.8 55.5 95.5
95 32.6 13.1 53.1

Manual Integrations
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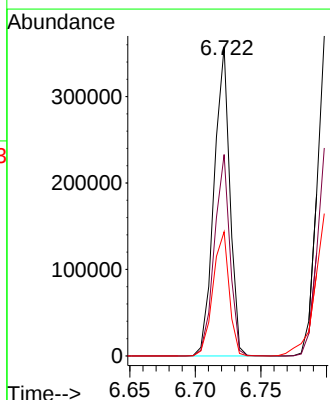
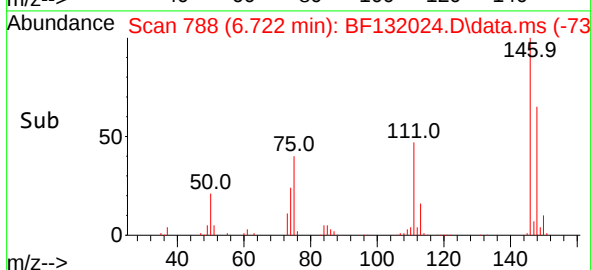
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

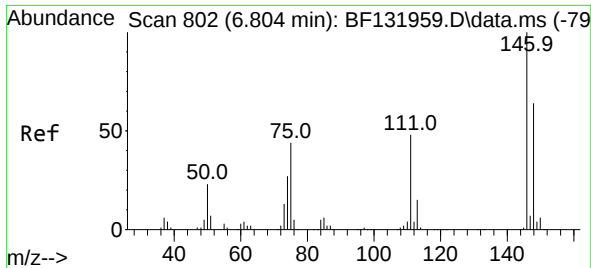


#12
1,3-Dichlorobenzene
Concen: 42.210 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion:146 Resp: 299929
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 40.1 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 41.817 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:146 Resp: 300645

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.6

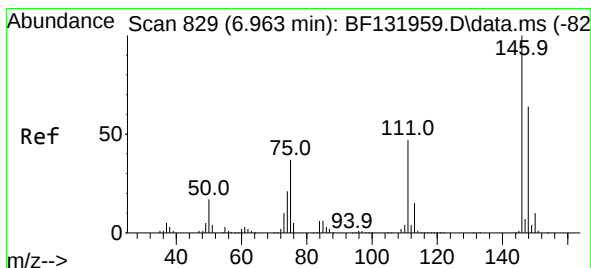
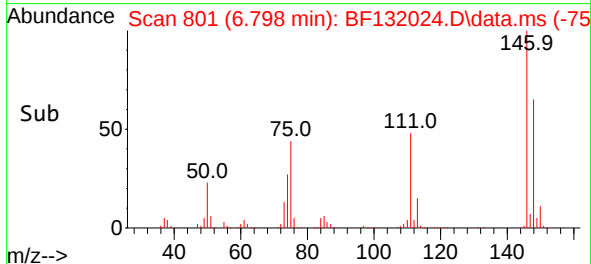
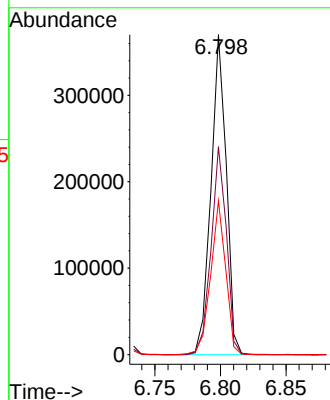
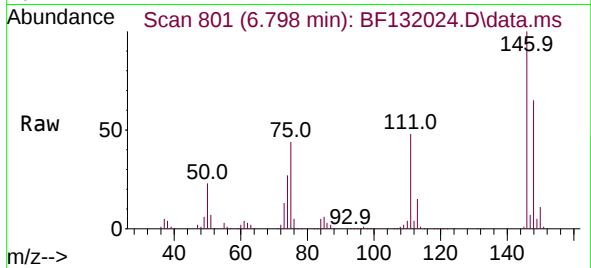
111 48.1 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#14

1,2-Dichlorobenzene

Concen: 42.745 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

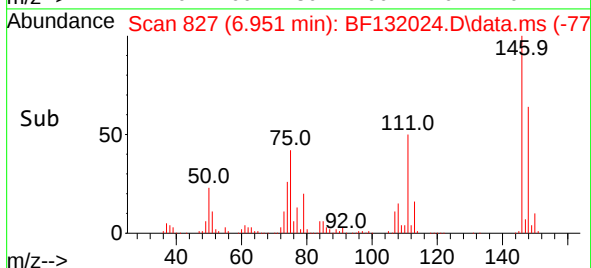
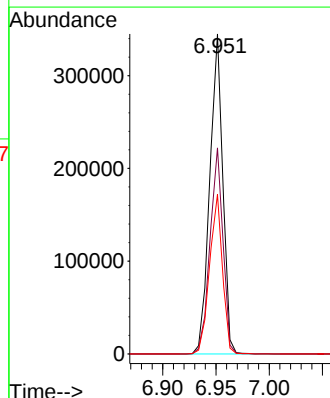
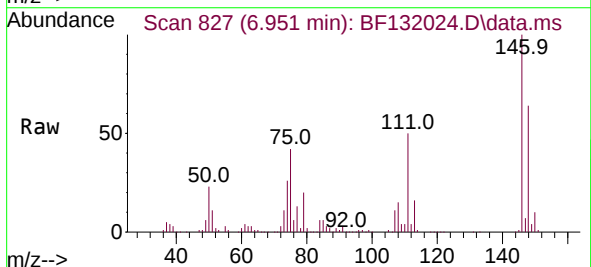
Tgt Ion:146 Resp: 291874

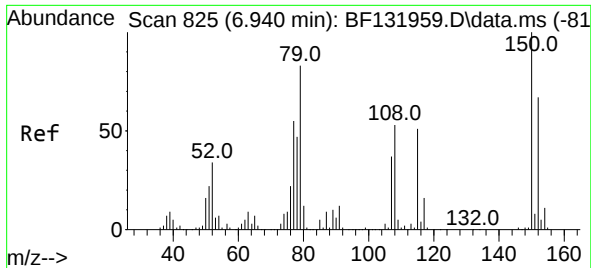
Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

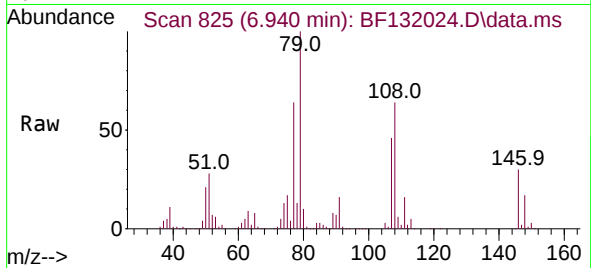
111 49.9 37.7 56.5





#15
Benzyl Alcohol
Concen: 42.947 ng
RT: 6.940 min Scan# 825
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

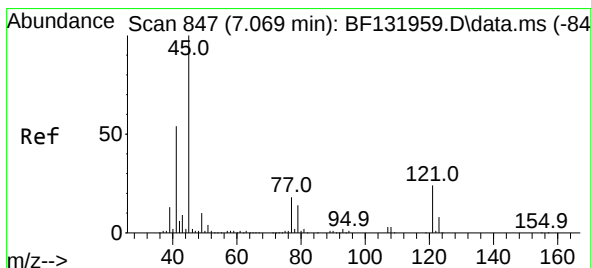
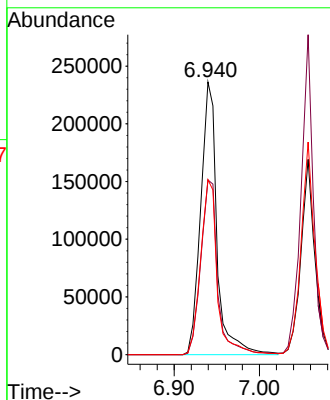
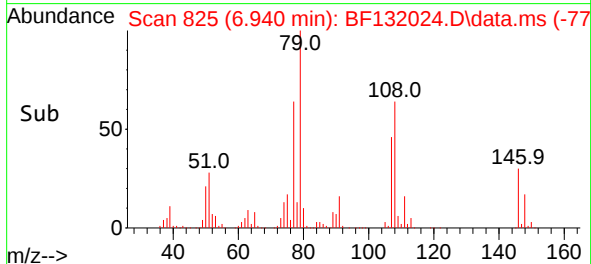
Instrument :
BNA_F
ClientSampleId :
PB150032BS



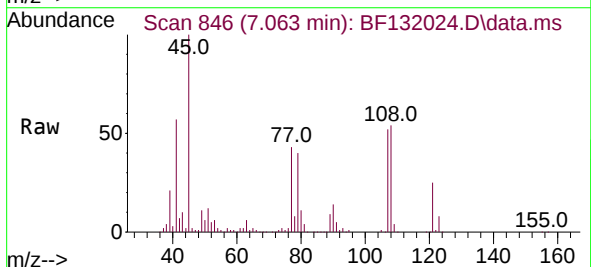
Tgt Ion: 79 Resp: 315293
Ion Ratio Lower Upper
79 100
108 64.1 51.7 77.5
77 64.2 52.9 79.3

Manual Integrations
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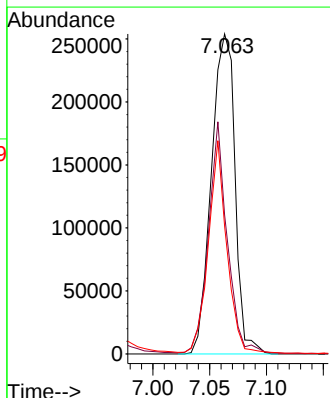
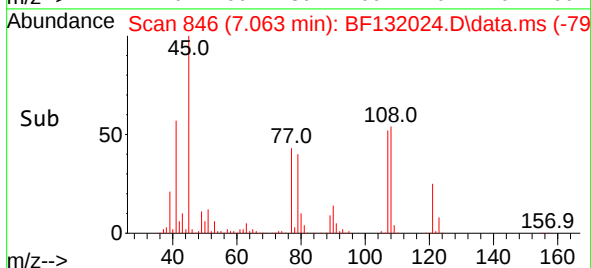
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

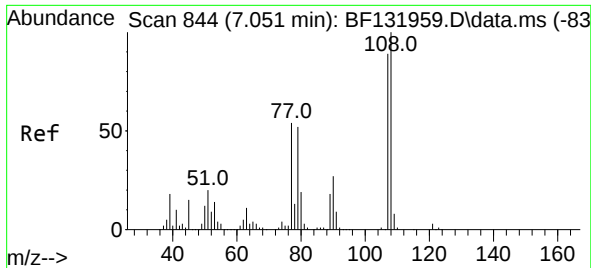


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.881 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



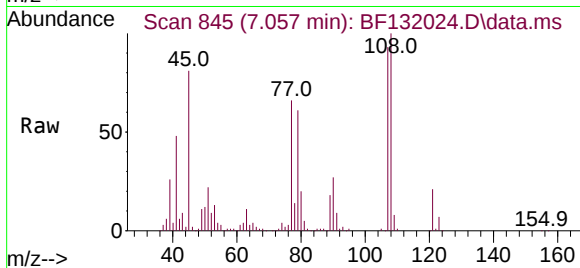
Tgt Ion: 45 Resp: 365755
Ion Ratio Lower Upper
45 100
77 43.4 0.0 38.1#
79 39.9 0.0 34.6#





#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

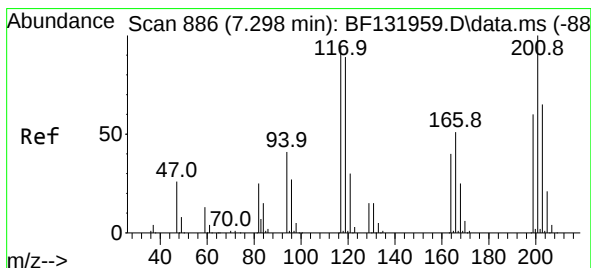
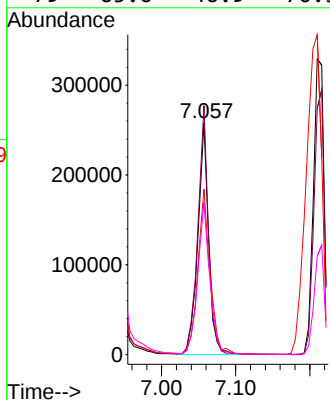
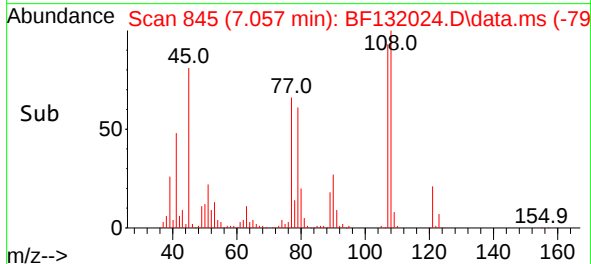
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:107 Resp: 261560
Ion Ratio Lower Upper
107 100
108 107.5 90.0 135.0
77 71.4 48.8 73.2
79 65.6 46.9 70.3

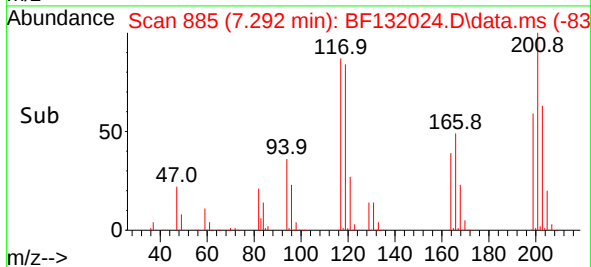
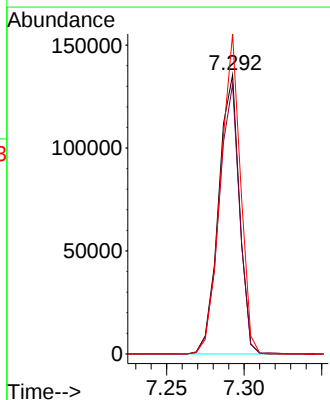
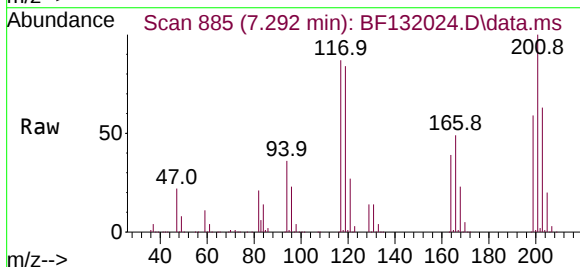
Manual Integrations
APPROVED

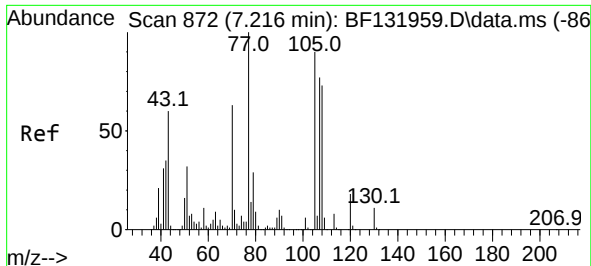
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#18
Hexachloroethane
Concen: 42.483 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:117 Resp: 126311
Ion Ratio Lower Upper
117 100
119 96.7 75.4 113.0
201 114.7 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.708 ng

RT: 7.216 min Scan# 872

Delta R.T. -0.000 min

Lab File: BF132024.D

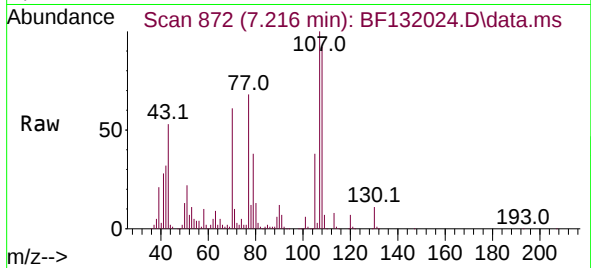
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS



Tgt Ion: 70 Resp: 24826

Ion Ratio Lower Upper

70 100

42 52.7 44.3 66.5

101 10.2 7.5 11.3

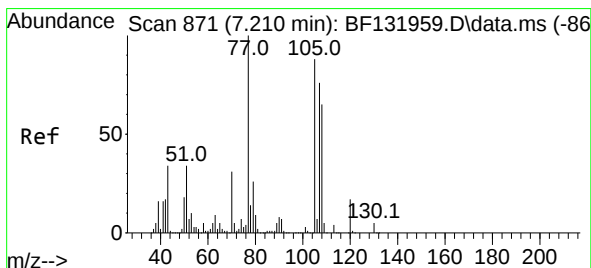
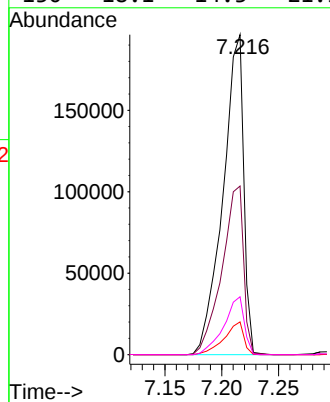
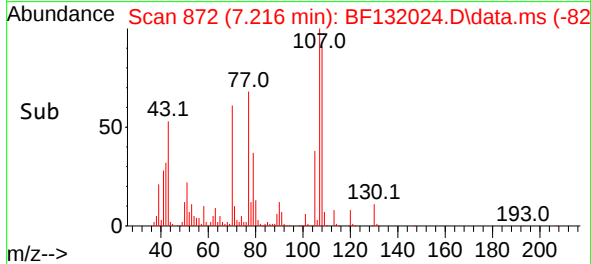
130 18.1 14.3 21.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#20

3+4-Methylphenols

Concen: 41.325 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Tgt Ion:107 Resp: 334943

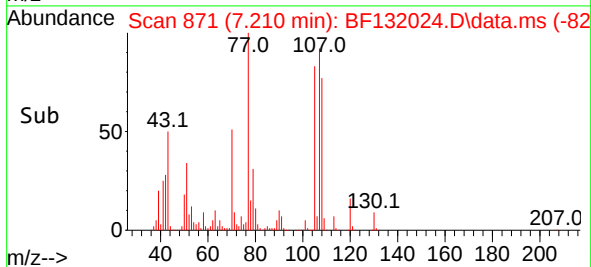
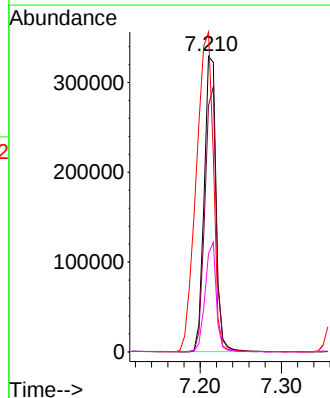
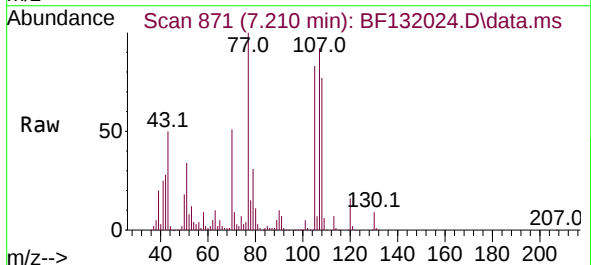
Ion Ratio Lower Upper

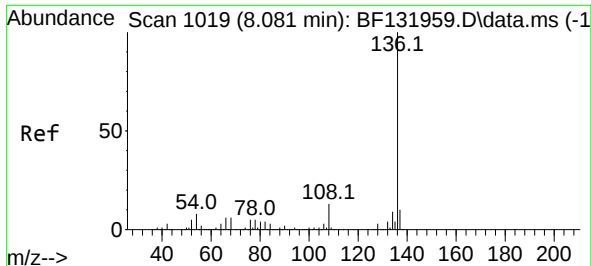
107 100

108 83.4 65.1 105.1

77 108.3 111.2 151.2#

79 33.3 14.4 54.4





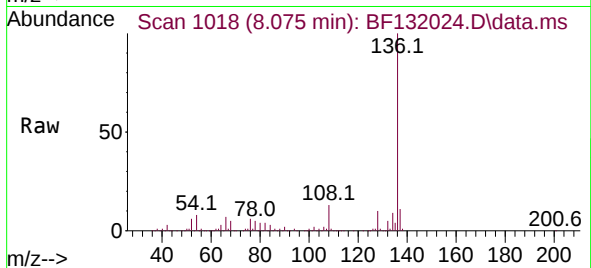
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

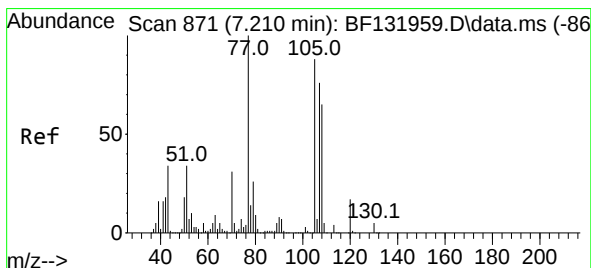
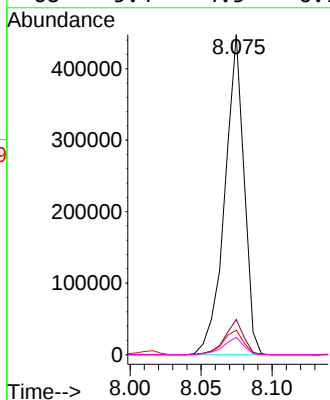
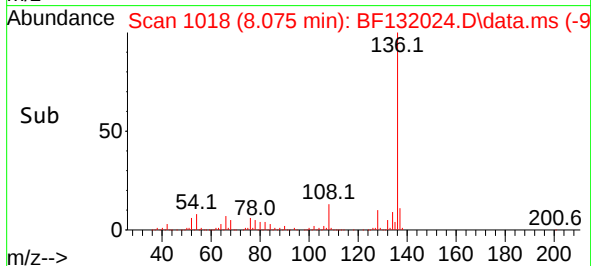


Tgt Ion:136 Resp: 420678
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 7.7 6.6 9.8
68 5.4 4.5 6.7

Manual Integrations

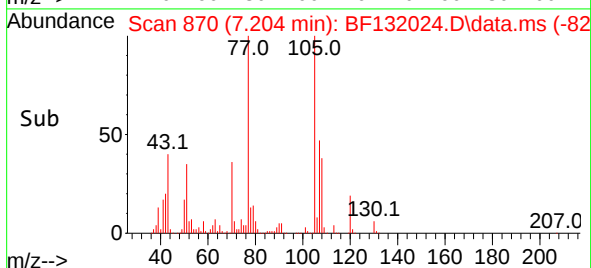
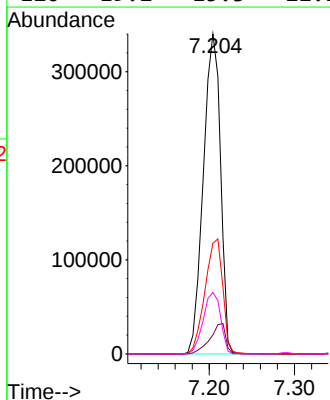
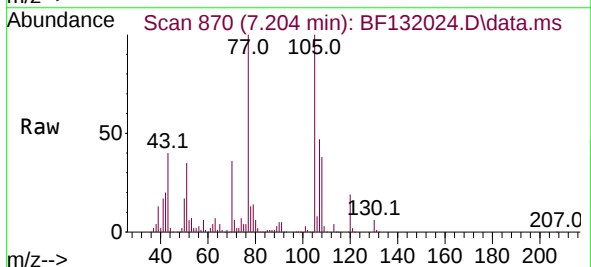
APPROVED

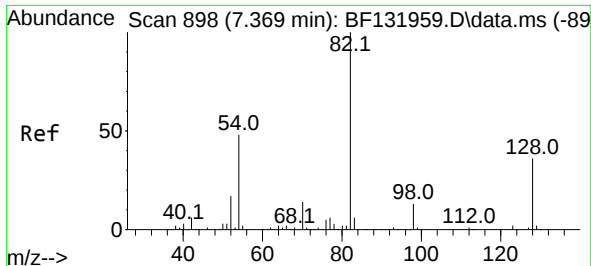
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#22
Acetophenone
Concen: 38.836 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:105 Resp: 475670
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 34.6 30.6 46.0
120 19.2 15.3 22.9





#23
Nitrobenzene-d5
Concen: 71.434 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

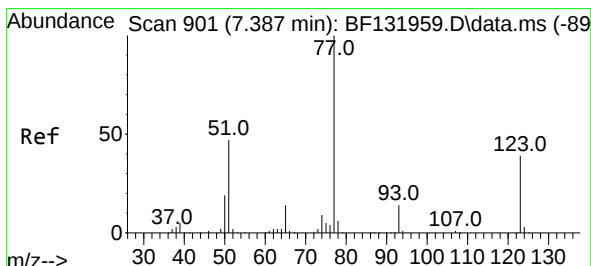
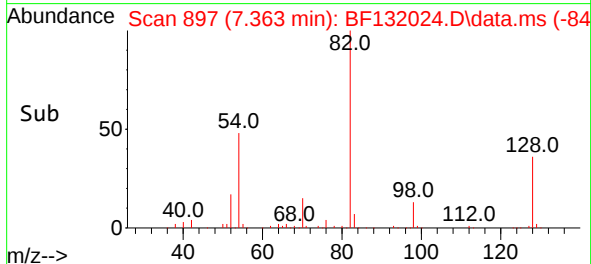
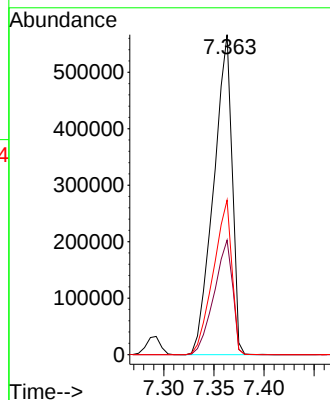
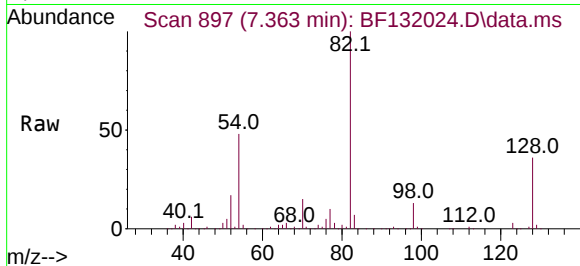
PB150032BS

Tgt Ion: 82 Resp: 72405
Ion Ratio Lower Upper
82 100
128 35.8 28.7 43.1
54 48.3 38.1 57.1

Manual Integrations

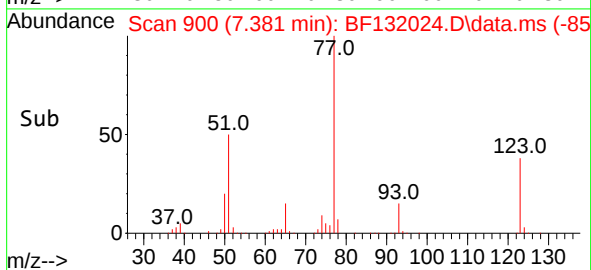
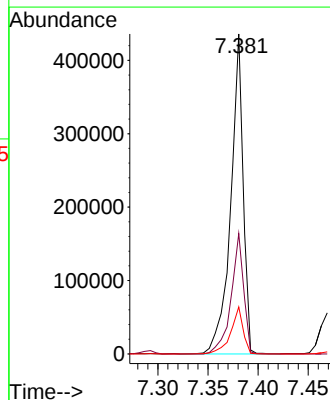
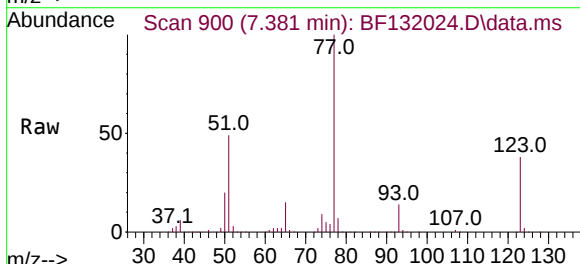
APPROVED

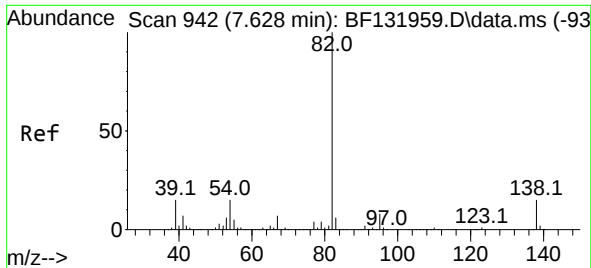
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#24
Nitrobenzene
Concen: 36.581 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion: 77 Resp: 377471
Ion Ratio Lower Upper
77 100
123 37.6 30.9 46.3
65 14.7 10.8 16.2





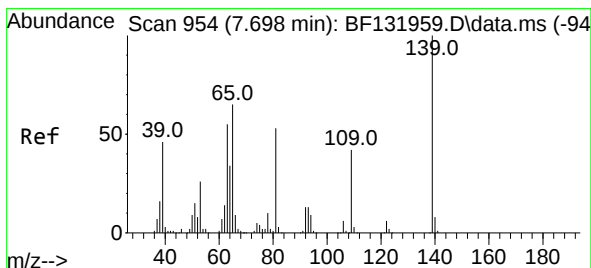
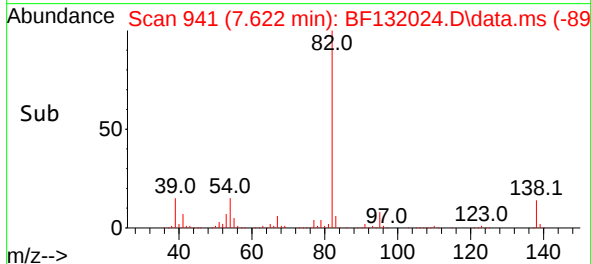
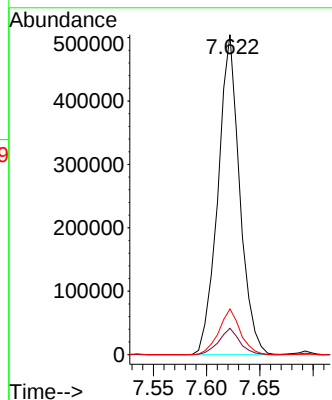
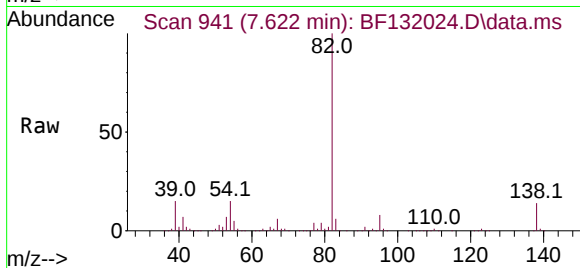
#25
Isophorone
Concen: 37.792 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
ClientSampleId :
PB150032BS

Tgt Ion: 82 Resp: 715603
Ion Ratio Lower Upper
82 100
95 8.3 6.5 9.7
138 14.3 11.9 17.9

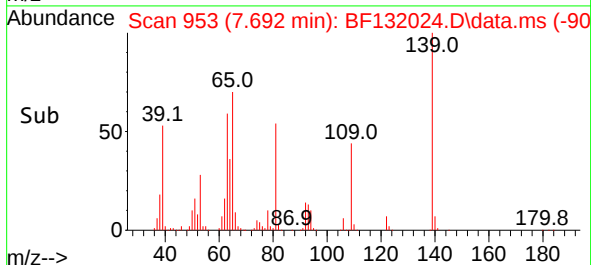
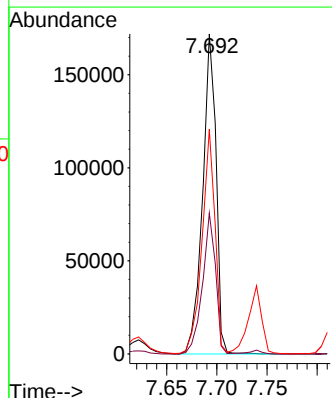
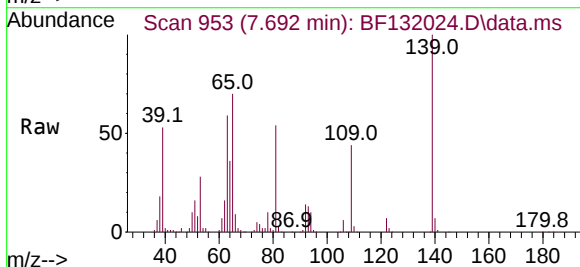
Manual Integrations
APPROVED

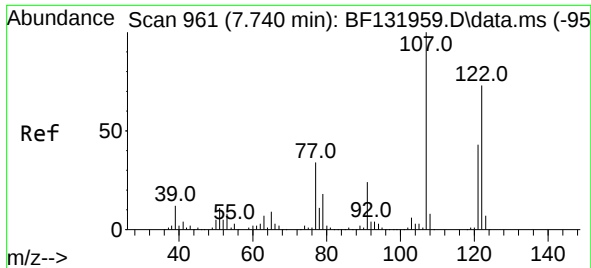
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#26
2-Nitrophenol
Concen: 39.312 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

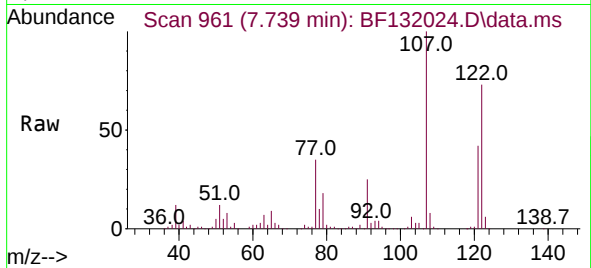
Tgt Ion:139 Resp: 159613
Ion Ratio Lower Upper
139 100
109 44.0 33.9 50.9
65 70.2 51.6 77.4





#27
2,4-Dimethylphenol
Concen: 39.201 ng
RT: 7.739 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

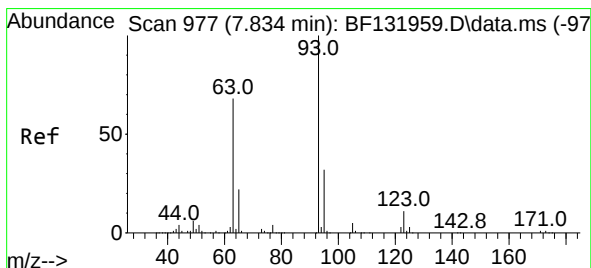
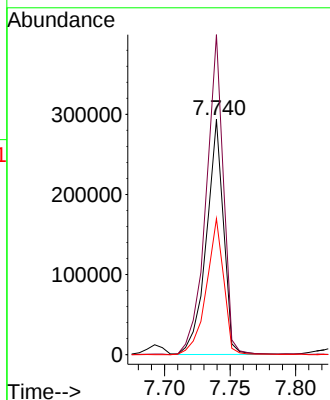
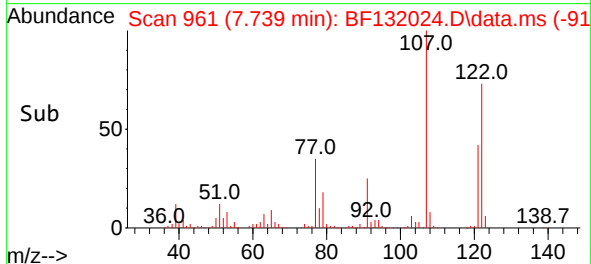
Instrument :
BNA_F
ClientSampleId :
PB150032BS



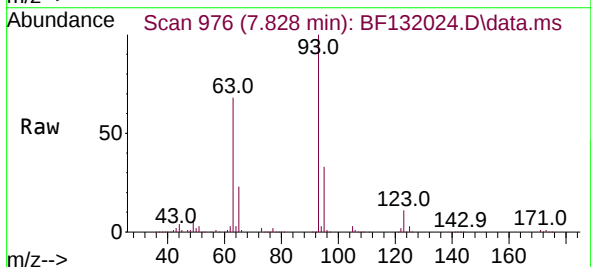
Tgt Ion:122 Resp: 265673
Ion Ratio Lower Upper
122 100
107 136.1 109.4 164.0
121 57.8 47.2 70.8

Manual Integrations
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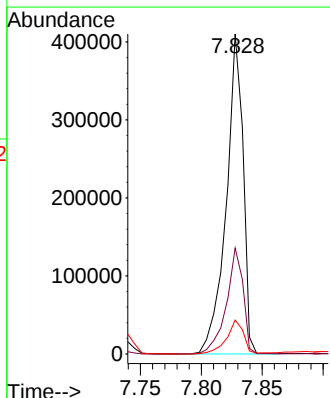
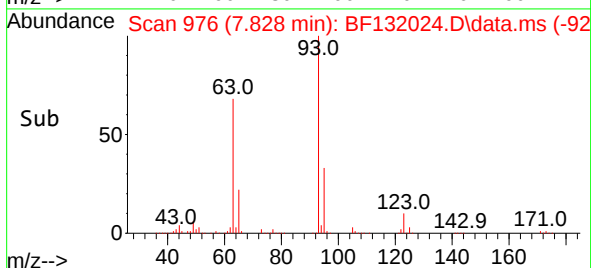
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

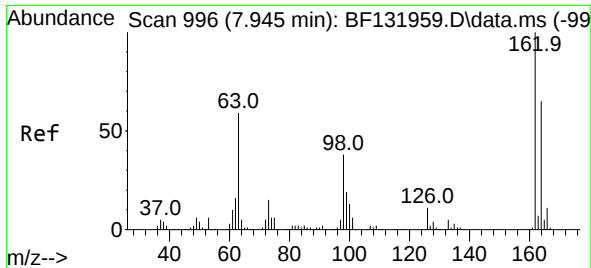


#28
bis(2-Chloroethoxy)methane
Concen: 37.647 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion: 93 Resp: 394538
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 39.357 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.000 min

Lab File: BF132024.D

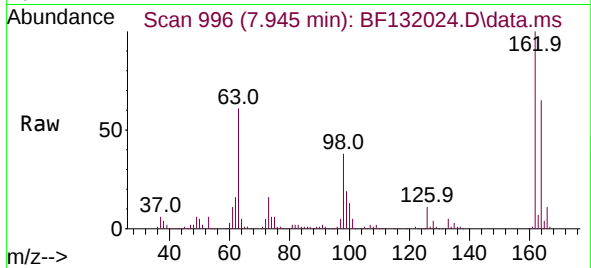
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

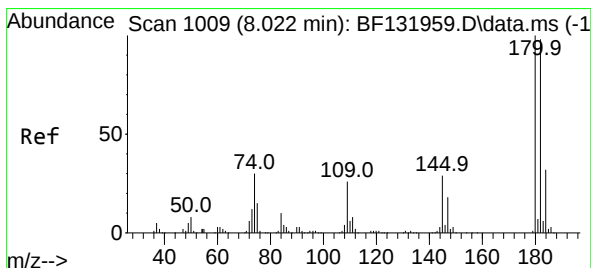
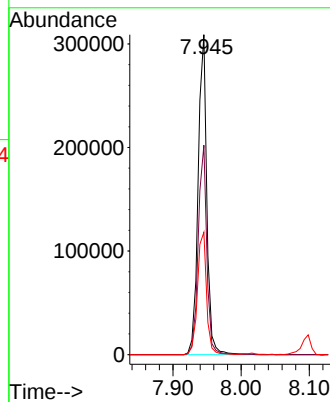
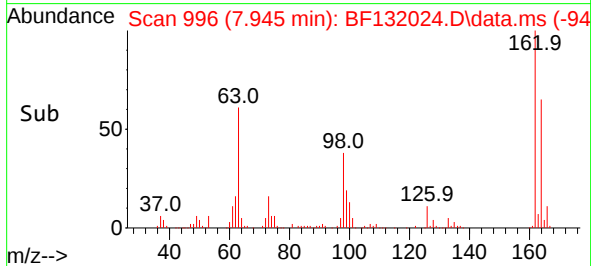


Tgt Ion:	162	Resp:	273205
Ion Ratio	Lower	Upper	
162	100		
164	65.5	45.2	85.2
98	38.2	17.5	57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 38.496 ng

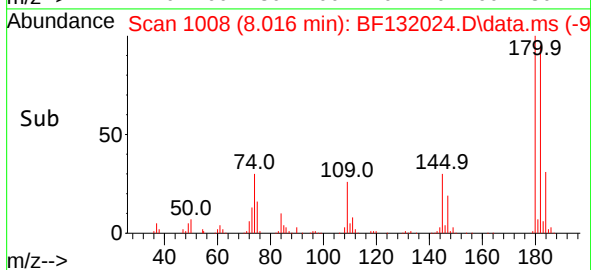
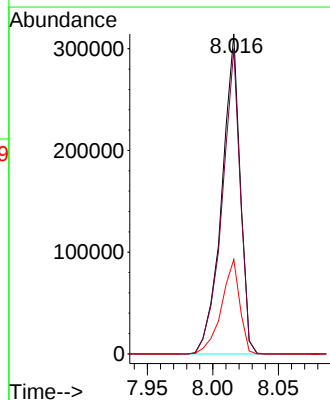
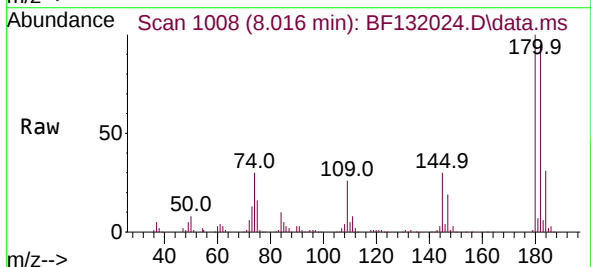
RT: 8.016 min Scan# 1008

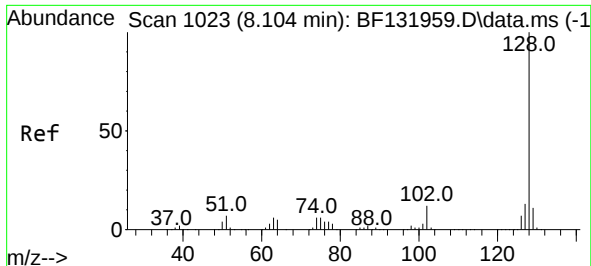
Delta R.T. -0.006 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

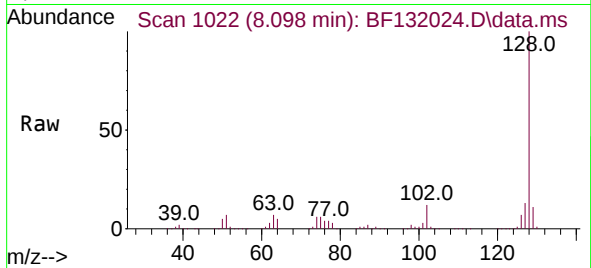
Tgt Ion:	180	Resp:	306046
Ion Ratio	Lower	Upper	
180	100		
182	95.4	78.4	117.6
145	29.5	23.2	34.8





#31
Naphthalene
Concen: 37.454 ng
RT: 8.098 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

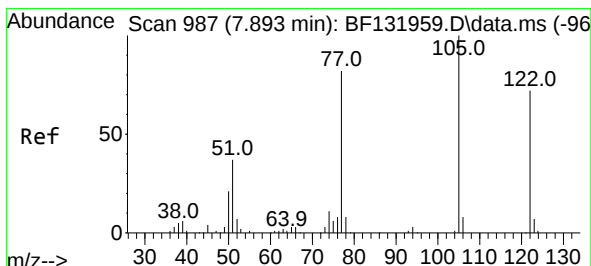
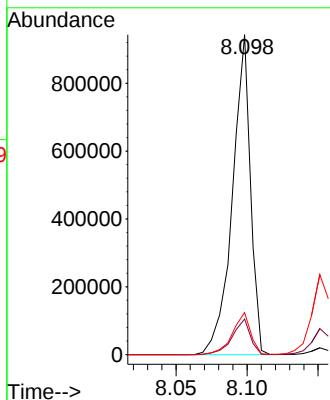
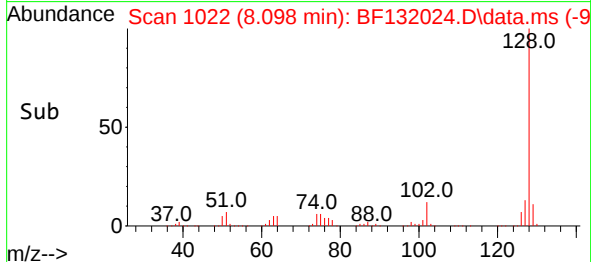
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:128 Resp: 832663
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

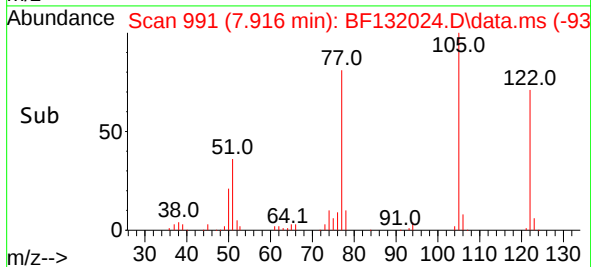
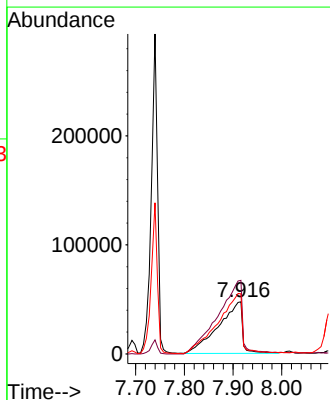
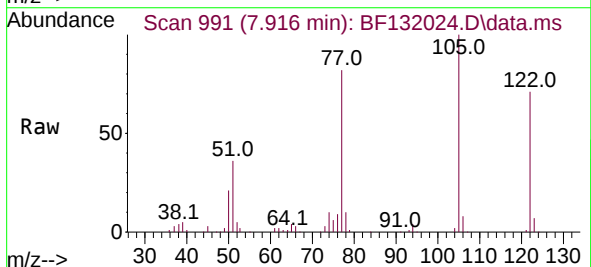
Manual Integrations
APPROVED

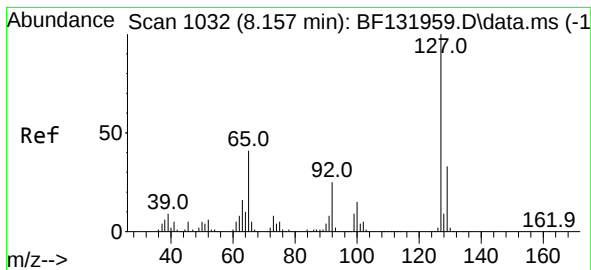
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#32
Benzoic acid
Concen: 41.803 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.023 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:122 Resp: 164244
Ion Ratio Lower Upper
122 100
105 141.0 116.3 156.3
77 115.3 92.7 132.7





#33
4-Chloroaniline
Concen: 25.913 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

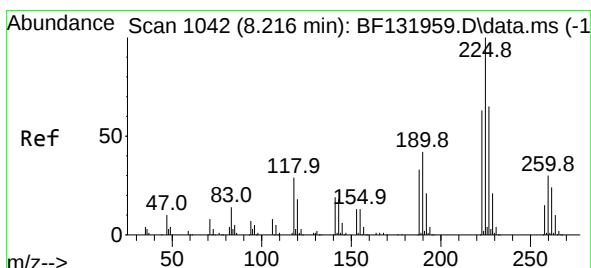
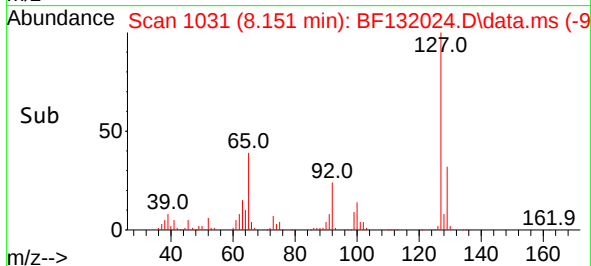
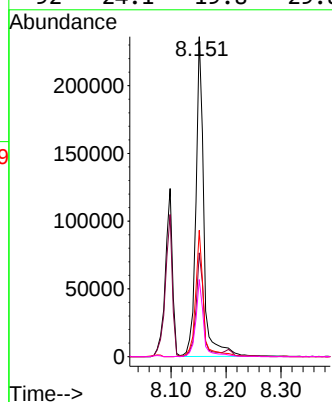
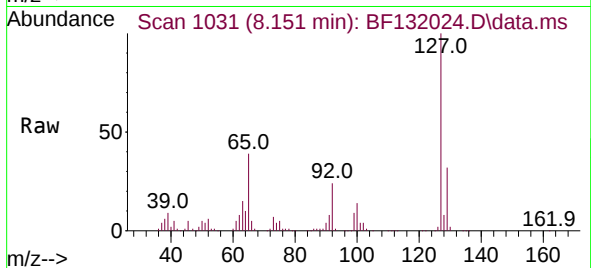
PB150032BS

Tgt Ion:127 Resp: 237726
Ion Ratio Lower Upper
127 100
129 32.4 26.5 39.7
65 39.5 33.1 49.7
92 24.1 19.8 29.8

Manual Integrations

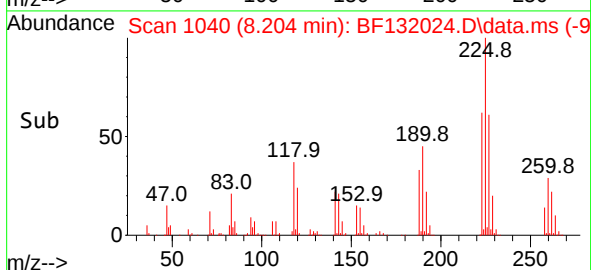
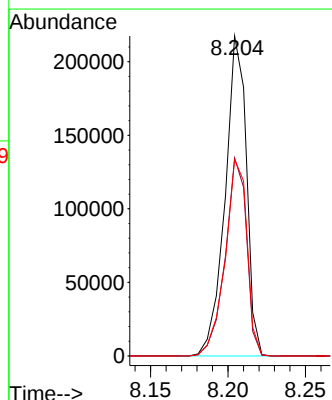
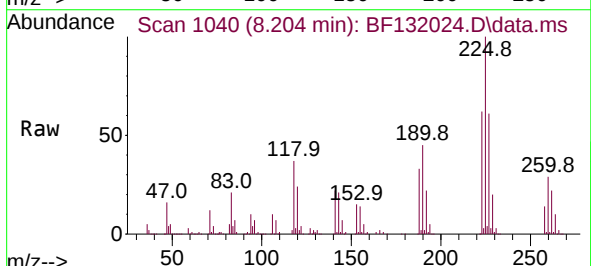
APPROVED

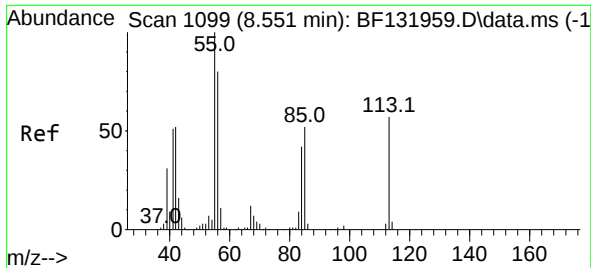
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#34
Hexachlorobutadiene
Concen: 37.957 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

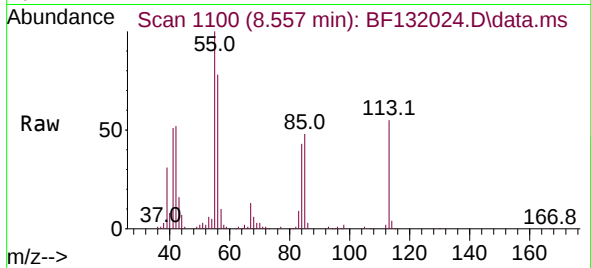
Tgt Ion:225 Resp: 209216
Ion Ratio Lower Upper
225 100
223 61.9 50.6 75.8
227 61.4 51.6 77.4





#35
Caprolactam
Concen: 33.903 ng m
RT: 8.557 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

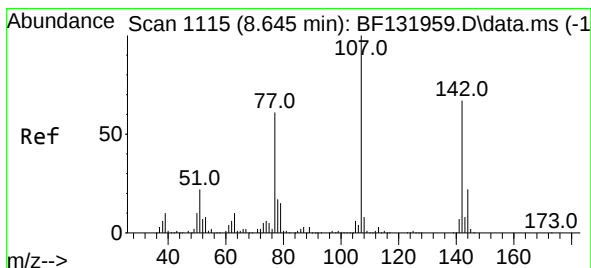
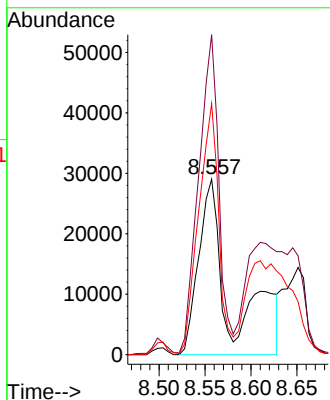
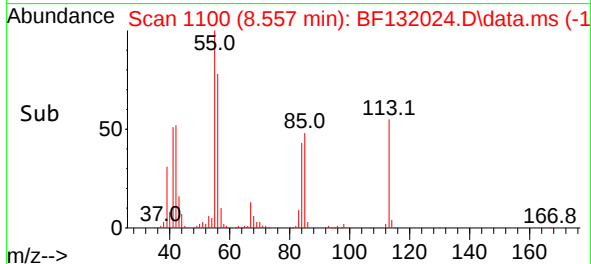
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:113 Resp: 6912
Ion Ratio Lower Upper
113 100
55 182.4 154.4 194.4
56 143.1 119.6 159.6

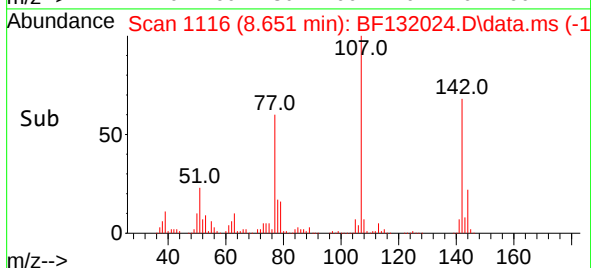
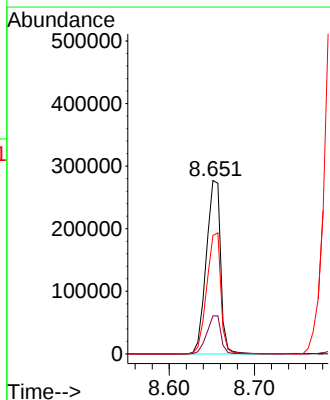
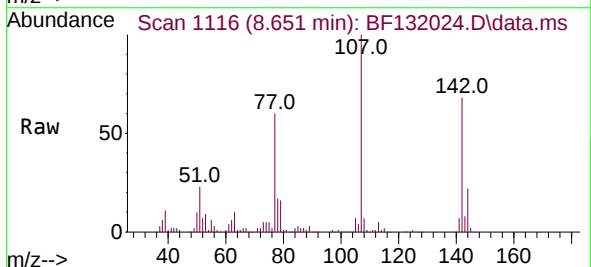
Manual Integrations
APPROVED

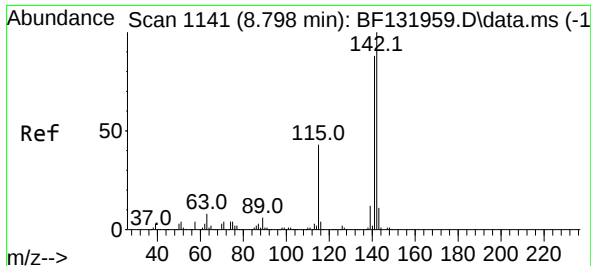
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#36
4-Chloro-3-methylphenol
Concen: 39.790 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:107 Resp: 324179
Ion Ratio Lower Upper
107 100
144 21.9 17.4 26.2
142 68.2 53.7 80.5





#37

2-Methylnaphthalene

Concen: 36.626 ng

RT: 8.792 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:142 Resp: 584804

Ion Ratio Lower Upper

142 100

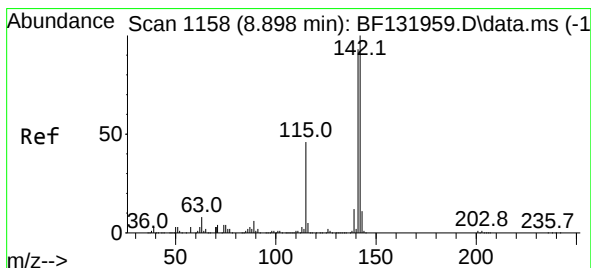
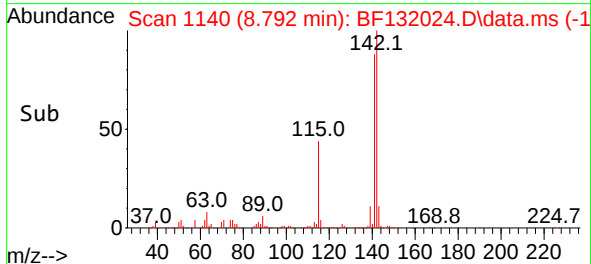
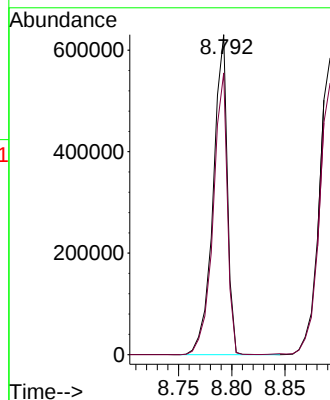
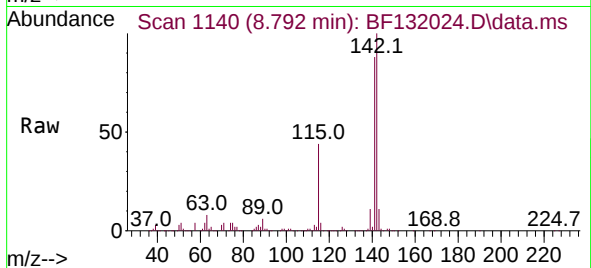
141 88.0 70.6 106.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#38

1-Methylnaphthalene

Concen: 37.070 ng

RT: 8.892 min Scan# 1157

Delta R.T. -0.006 min

Lab File: BF132024.D

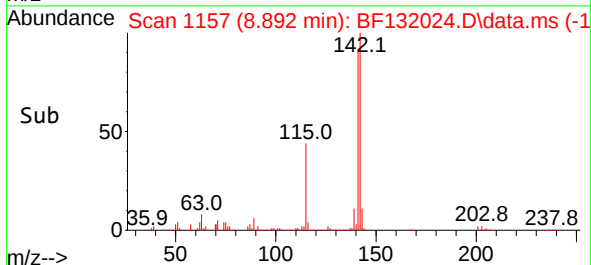
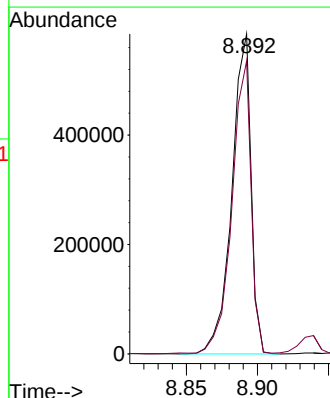
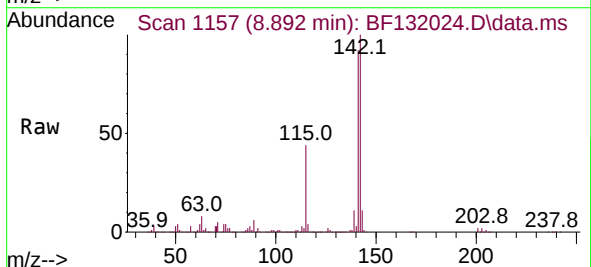
Acq: 11 Jan 2023 15:38

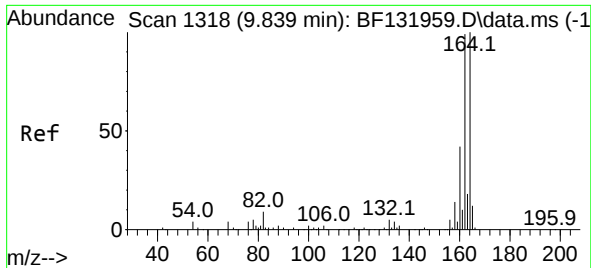
Tgt Ion:142 Resp: 548370

Ion Ratio Lower Upper

142 100

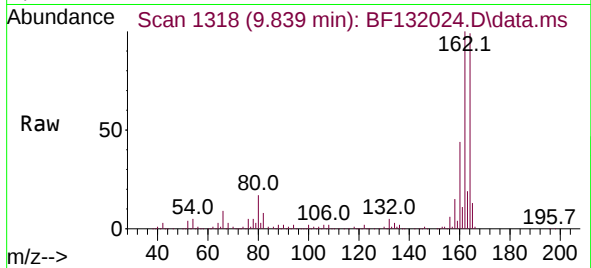
141 91.5 74.3 111.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

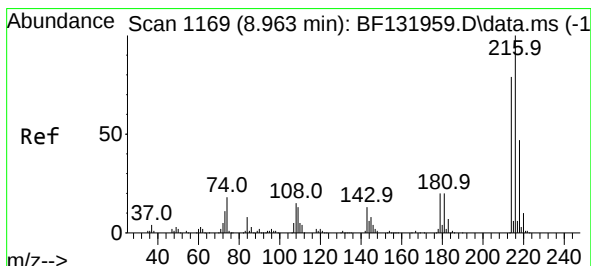
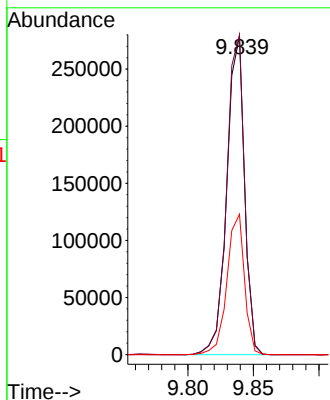
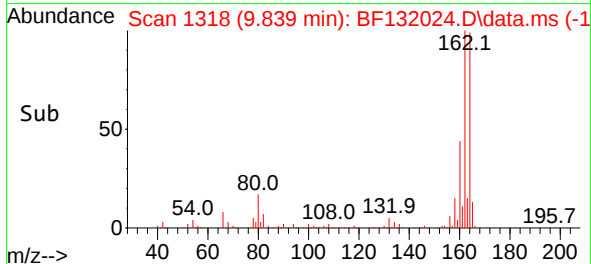
Instrument :
BNA_F
ClientSampleId :
PB150032BS



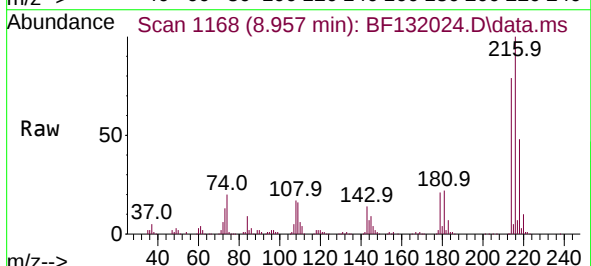
Tgt Ion:164 Resp: 262725
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 44.1 33.9 50.9

Manual Integrations
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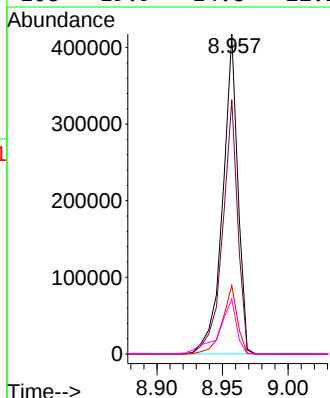
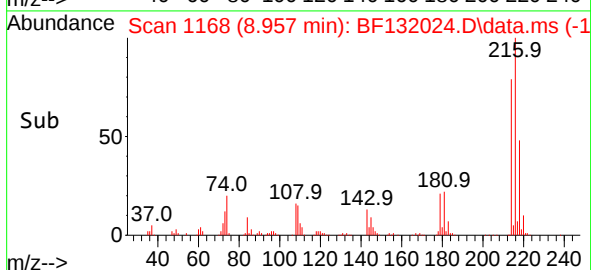
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

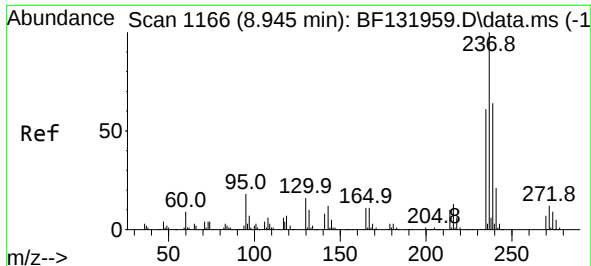


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.270 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion:216 Resp: 335784
Ion Ratio Lower Upper
216 100
214 79.1 63.9 95.9
179 20.9 16.4 24.6
108 19.9 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 62.187 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

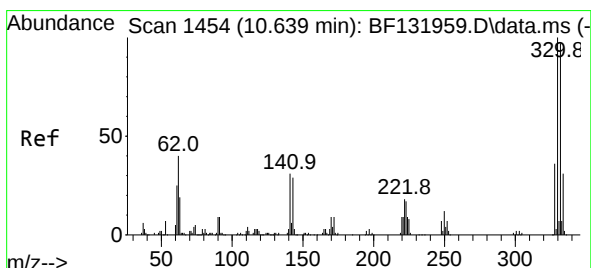
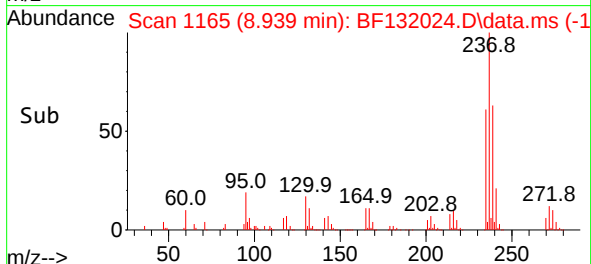
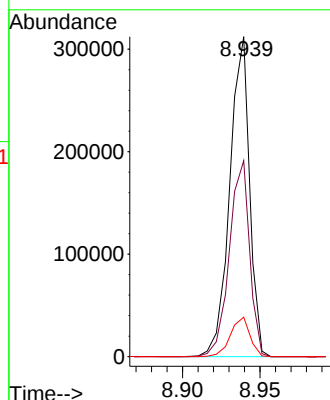
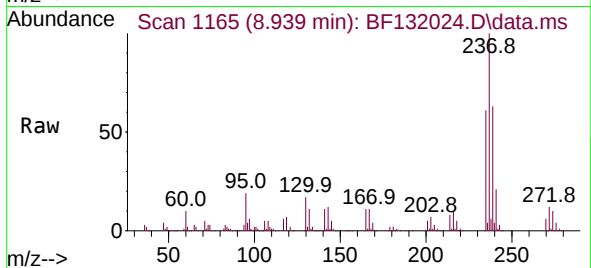
PB150032BS

Tgt Ion:237 Resp: 277056
Ion Ratio Lower Upper
237 100
235 61.2 41.2 81.2
272 12.3 0.0 31.7

Manual Integrations

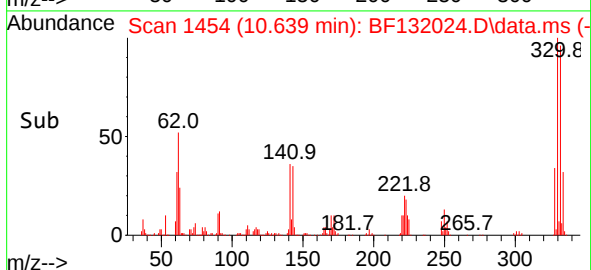
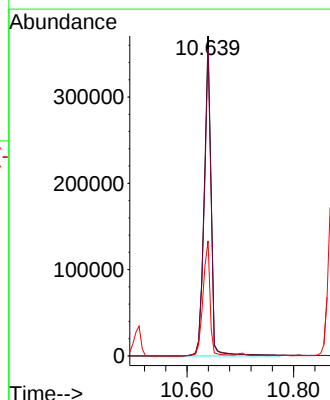
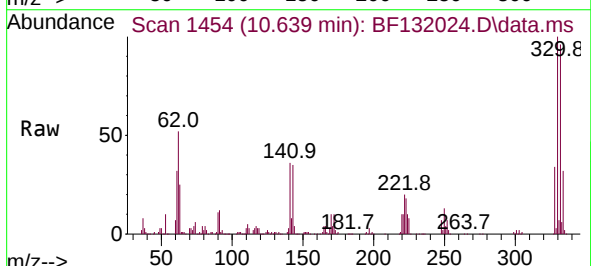
APPROVED

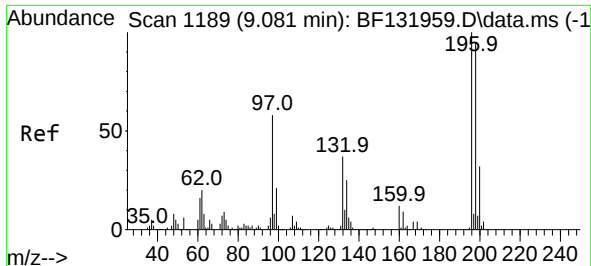
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#42
2,4,6-Tribromophenol
Concen: 109.283 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:330 Resp: 330117
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 36.8 31.3 46.9





#43
2,4,6-Trichlorophenol
Concen: 36.756 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

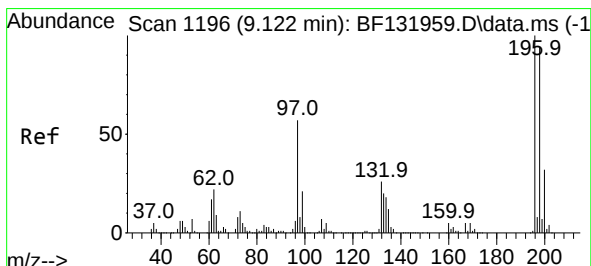
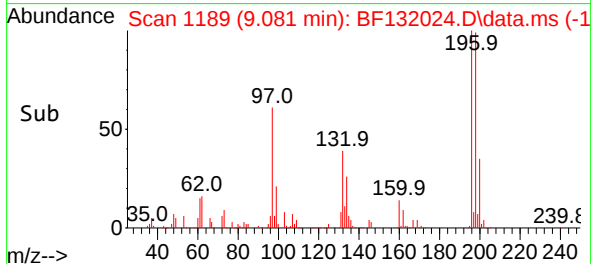
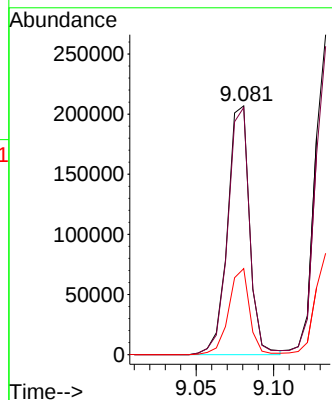
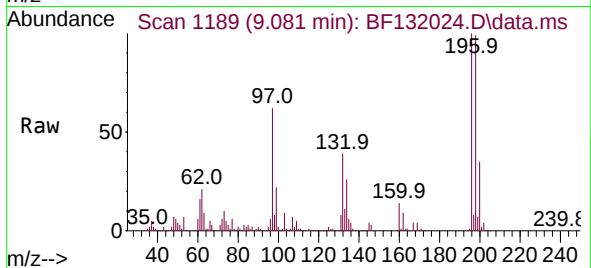
PB150032BS

Tgt Ion:196 Resp: 204821
Ion Ratio Lower Upper
196 100
198 99.4 76.3 114.5
200 34.6 25.8 38.6

Manual Integrations

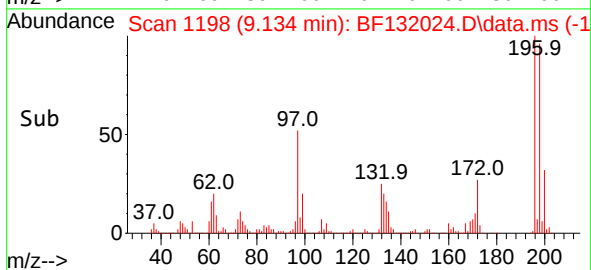
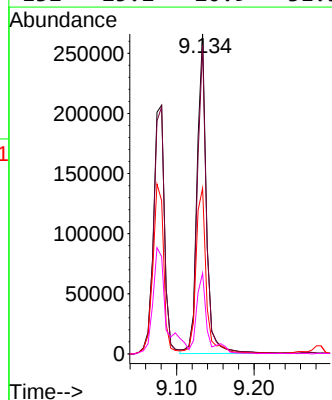
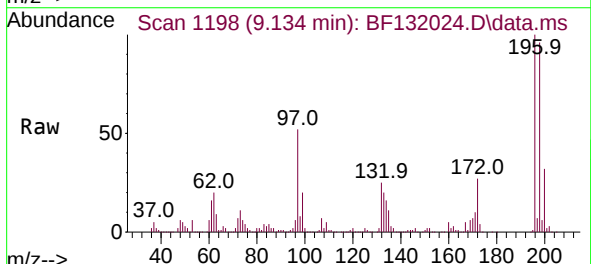
APPROVED

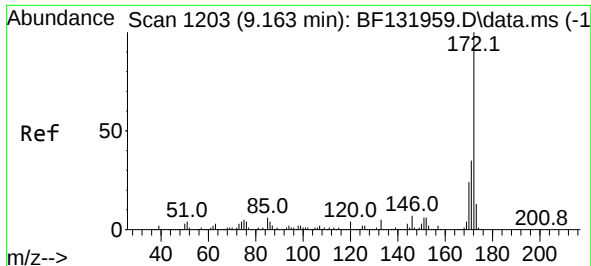
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#44
2,4,5-Trichlorophenol
Concen: 34.209 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

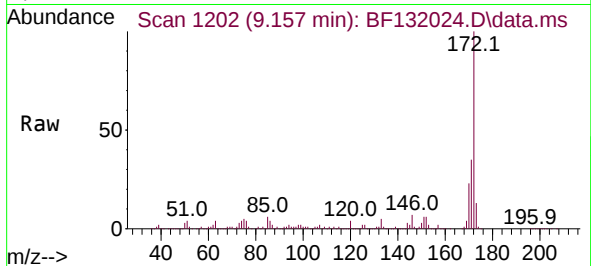
Tgt Ion:196 Resp: 221932
Ion Ratio Lower Upper
196 100
198 96.4 75.3 112.9
97 51.8 45.6 68.4
132 25.2 20.9 31.3





#45
2-Fluorobiphenyl
Concen: 69.202 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

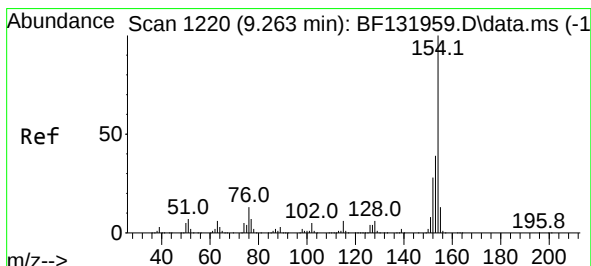
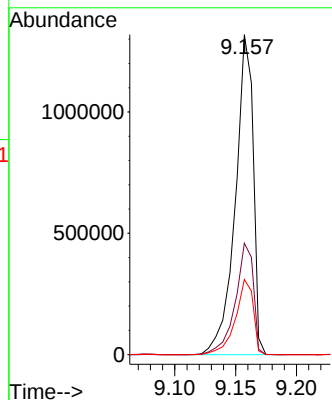
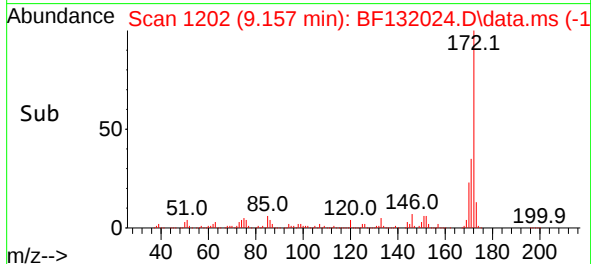
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:172 Resp: 1346795
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.5 18.9 28.3

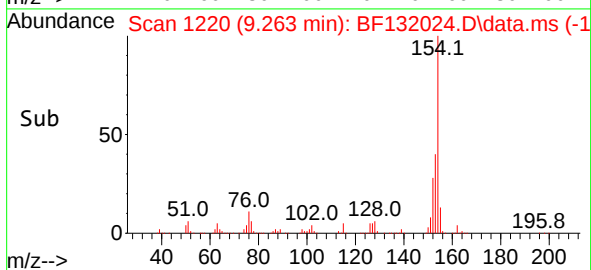
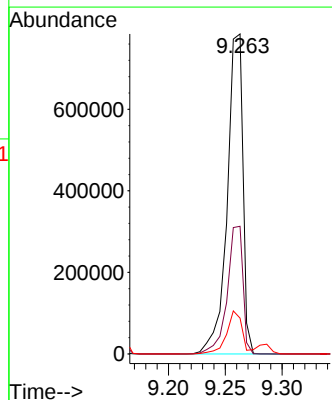
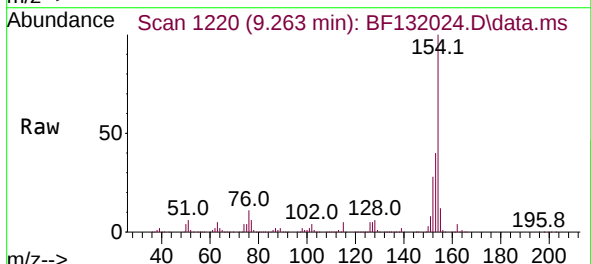
Manual Integrations
APPROVED

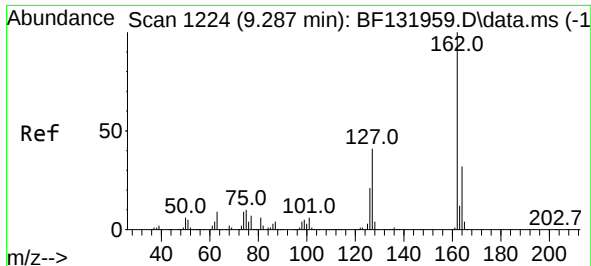
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#46
1,1'-Biphenyl
Concen: 37.300 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:154 Resp: 756383
Ion Ratio Lower Upper
154 100
153 39.9 18.9 58.9
76 11.2 0.0 33.2





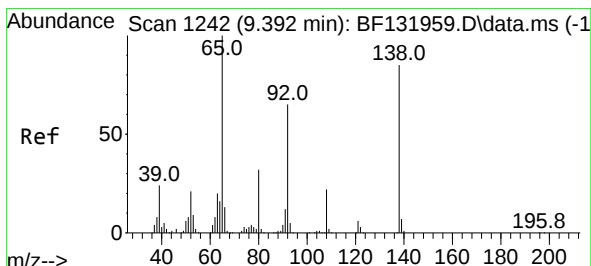
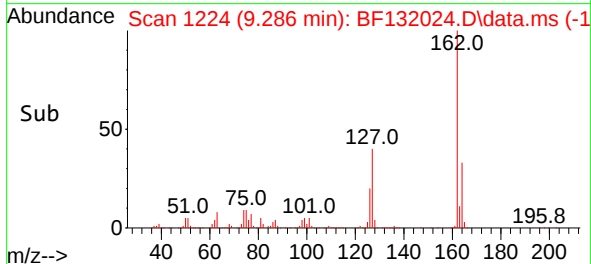
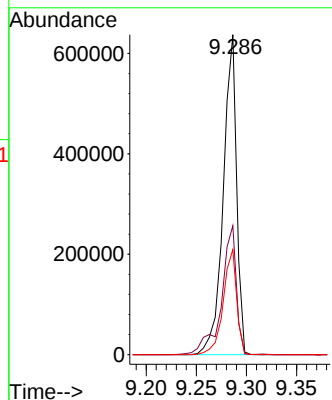
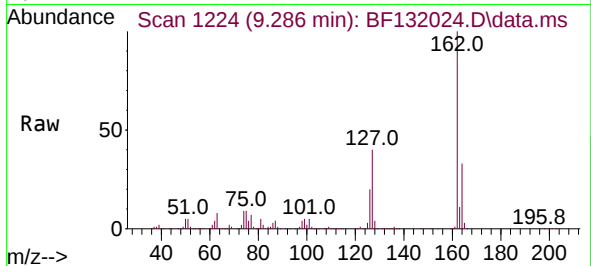
#47
2-Chloronaphthalene
Concen: 37.694 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.001 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
ClientSampleId :
PB150032BS

Tgt Ion:162 Resp: 593263
Ion Ratio Lower Upper
162 100
127 40.3 33.0 49.4
164 32.8 25.8 38.8

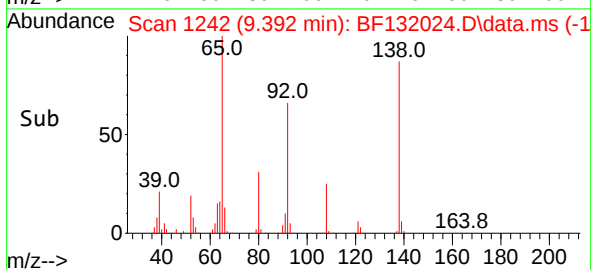
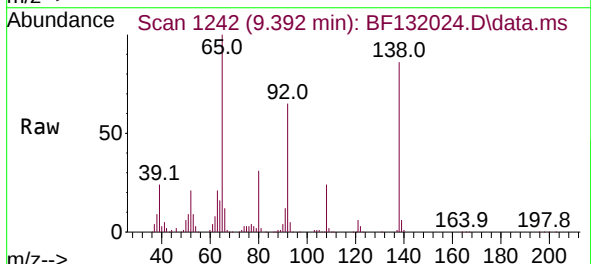
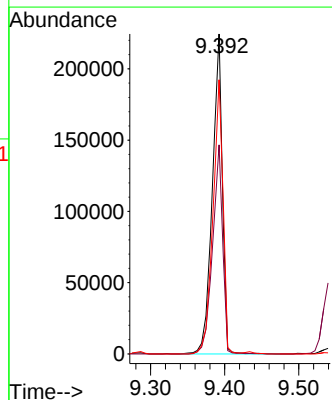
Manual Integrations
APPROVED

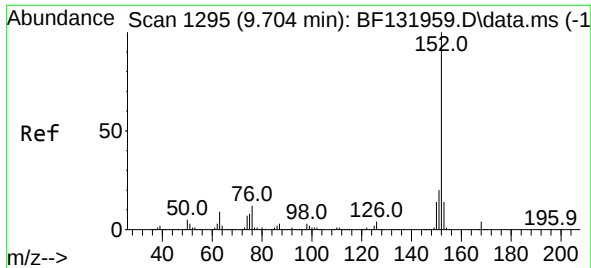
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#48
2-Nitroaniline
Concen: 37.104 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion: 65 Resp: 212105
Ion Ratio Lower Upper
65 100
92 65.3 52.2 78.2
138 85.7 67.8 101.8





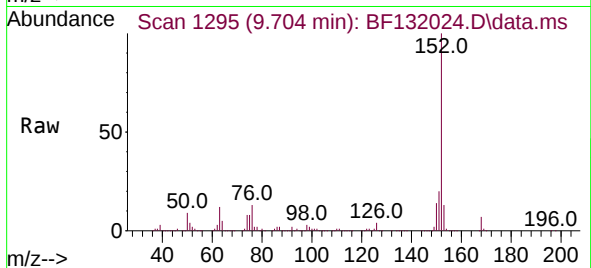
#49
Acenaphthylene
Concen: 35.800 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

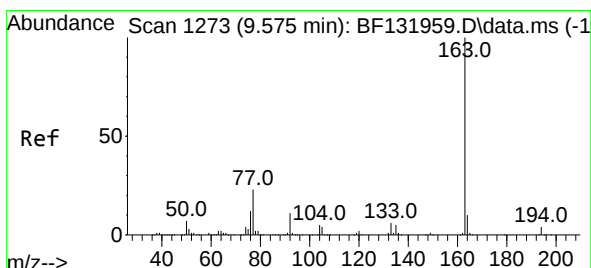
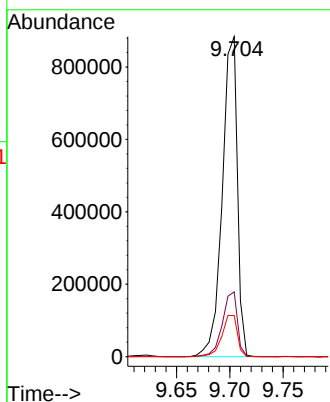
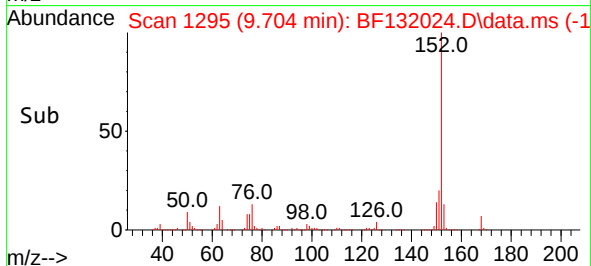


Tgt Ion:152 Resp: 874350
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 12.8 10.8 16.2

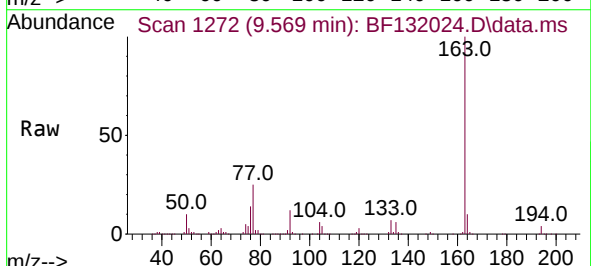
Manual Integrations

APPROVED

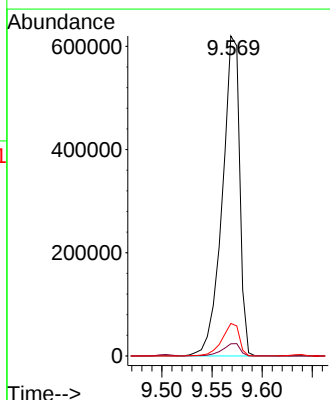
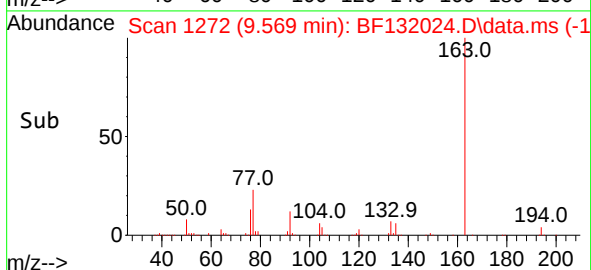
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

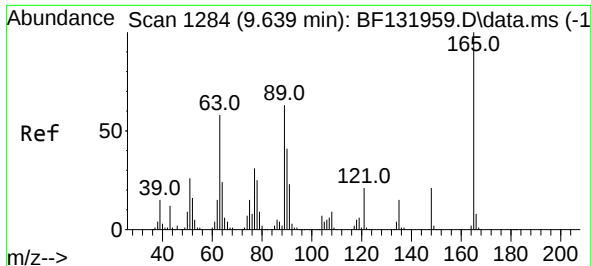


#50
Dimethylphthalate
Concen: 36.535 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion:163 Resp: 748211
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 36.623 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:165 Resp: 157743

Ion Ratio Lower Upper

165 100

63 58.6 47.4 71.0

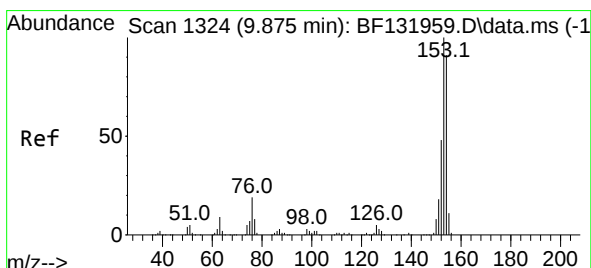
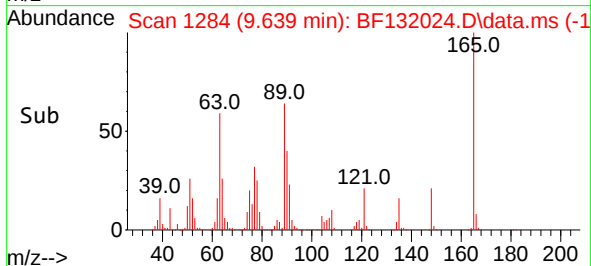
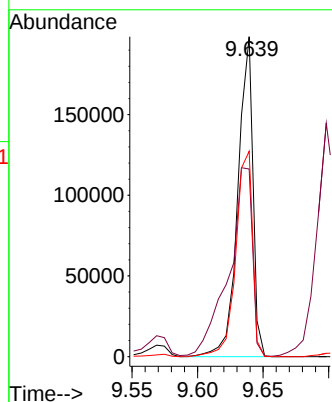
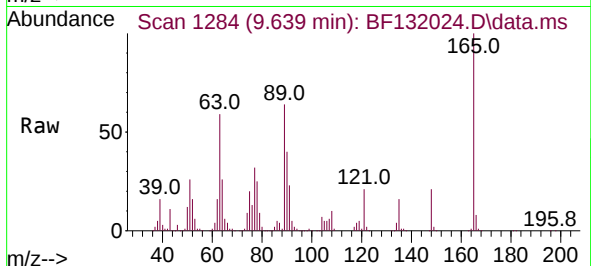
89 64.2 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#52

Acenaphthene

Concen: 36.707 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

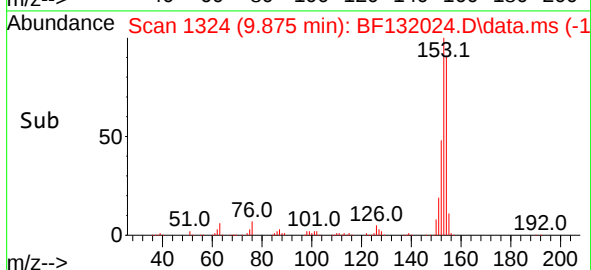
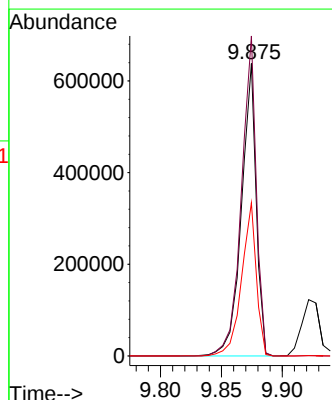
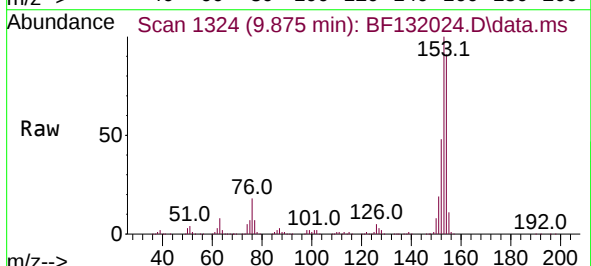
Tgt Ion:154 Resp: 538143

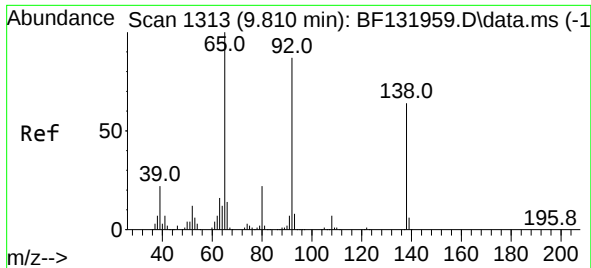
Ion Ratio Lower Upper

154 100

153 109.4 87.7 131.5

152 52.3 42.2 63.2





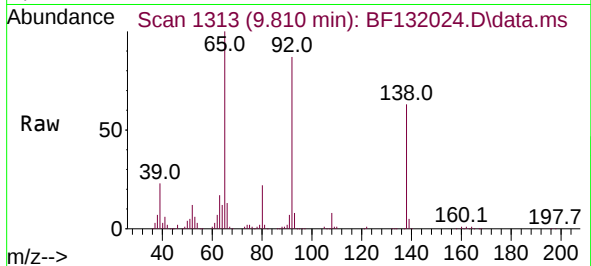
#53
3-Nitroaniline
Concen: 27.949 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

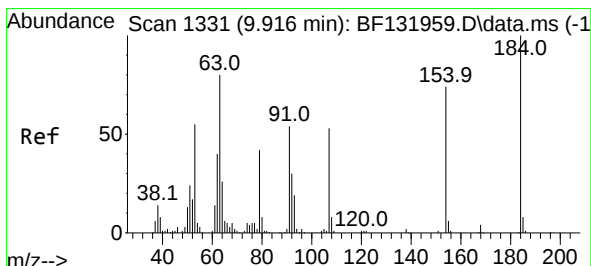
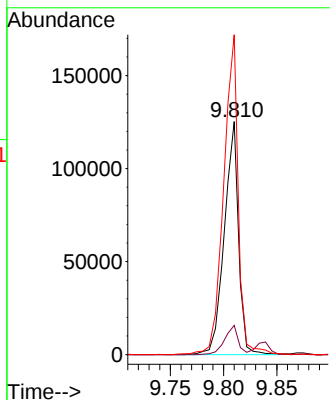
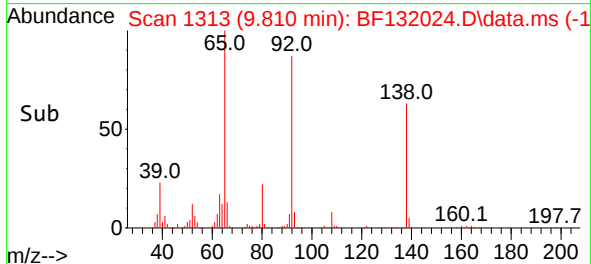


Tgt Ion:138 Resp: 116793
Ion Ratio Lower Upper
138 100
108 12.5 8.8 13.2
92 137.3 108.1 162.1

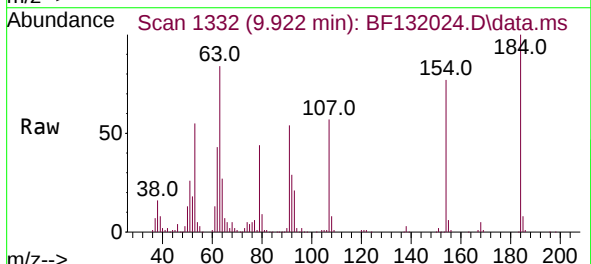
Manual Integrations

APPROVED

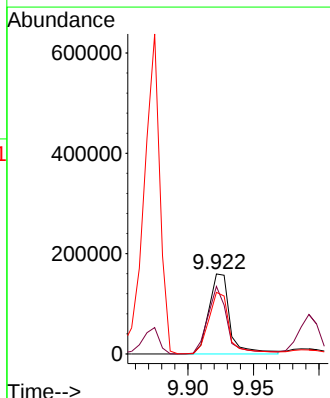
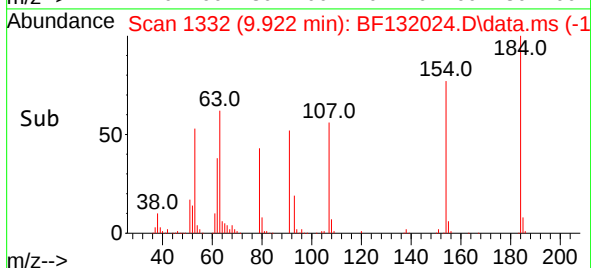
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

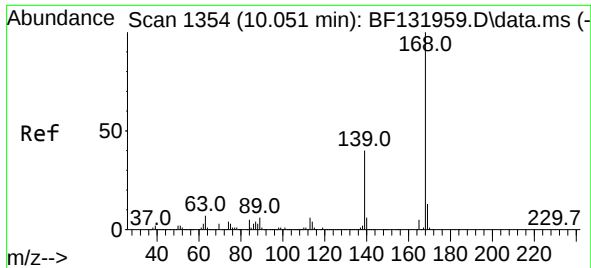


#54
2,4-Dinitrophenol
Concen: 82.327 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



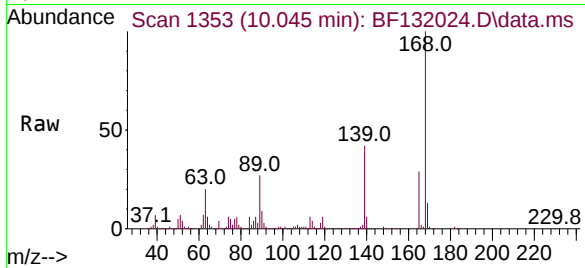
Tgt Ion:184 Resp: 178044
Ion Ratio Lower Upper
184 100
63 84.4 63.7 95.5
154 76.9 60.1 90.1





#55
Dibenzenofuran
Concen: 35.599 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

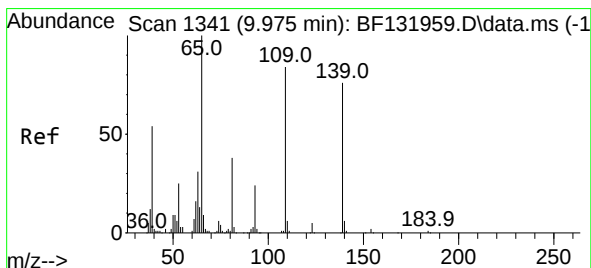
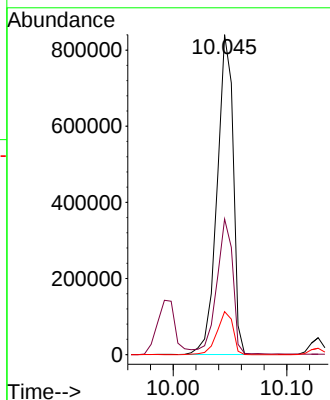
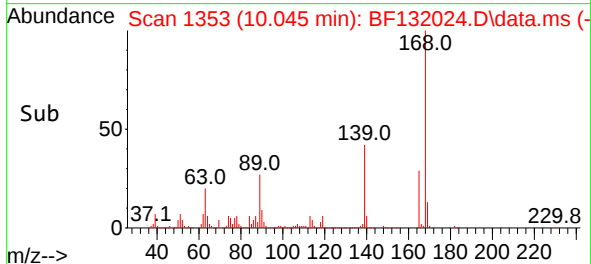
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:168 Resp: 822658
Ion Ratio Lower Upper
168 100
139 42.4 32.4 48.6
169 13.4 10.7 16.1

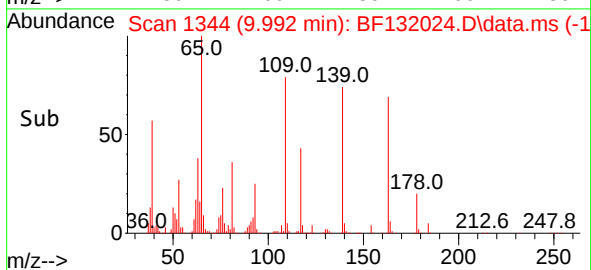
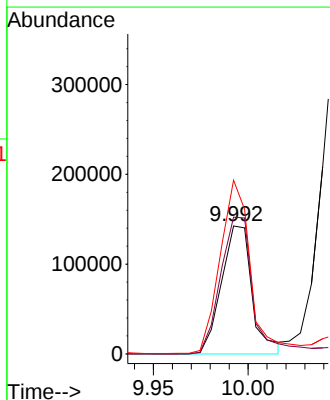
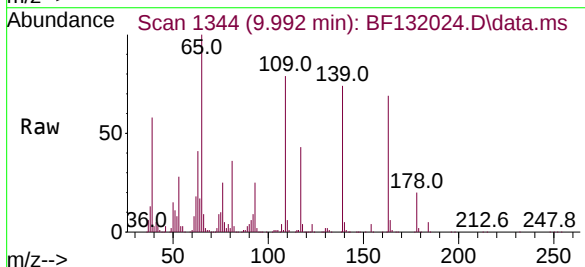
Manual Integrations
APPROVED

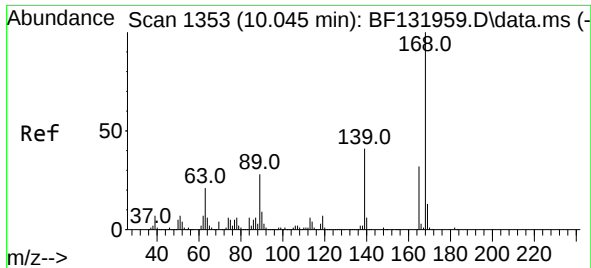
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#56
4-Nitrophenol
Concen: 68.145 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.018 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

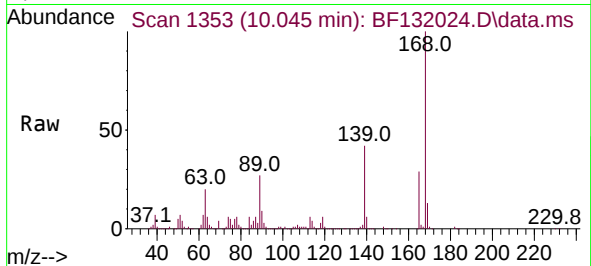
Tgt Ion:139 Resp: 160396
Ion Ratio Lower Upper
139 100
109 106.9 90.5 130.5
65 135.7 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 36.755 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

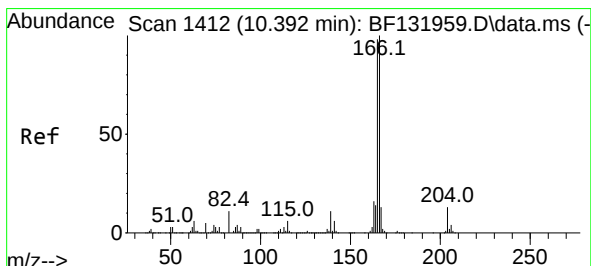
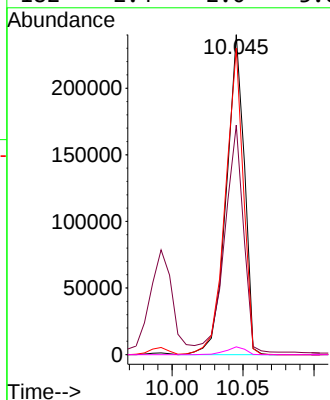
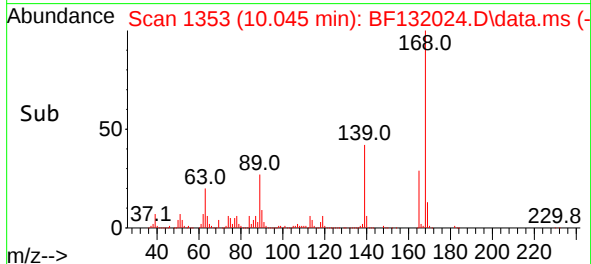
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:165 Resp: 211658
Ion Ratio Lower Upper
165 100
63 71.7 53.2 79.8
89 95.8 71.2 106.8
182 2.4 2.0 3.0

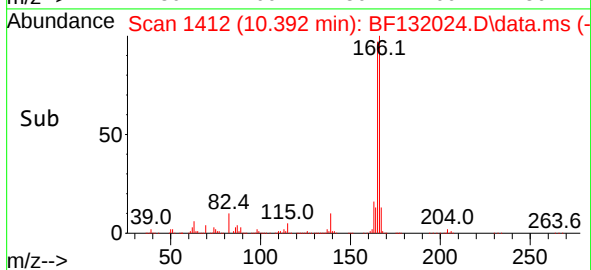
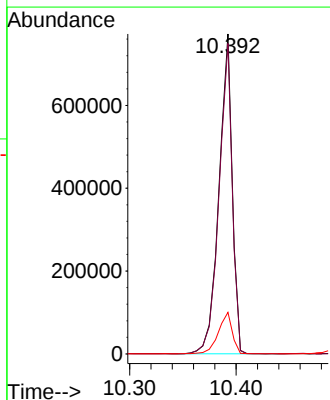
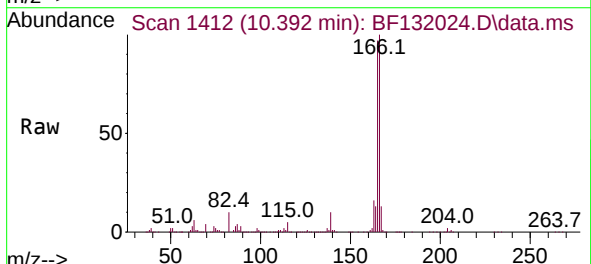
Manual Integrations
APPROVED

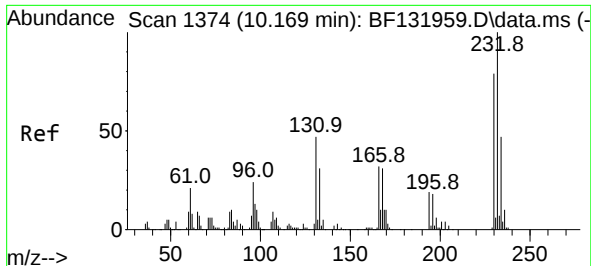
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#58
Fluorene
Concen: 36.343 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:166 Resp: 670899
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 13.0 10.7 16.1





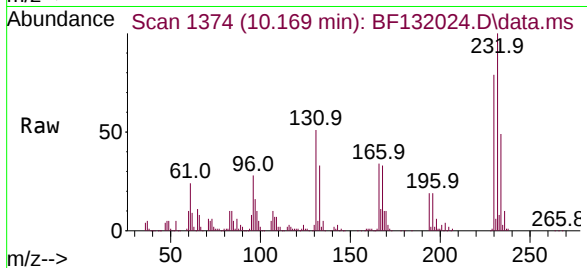
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.053 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

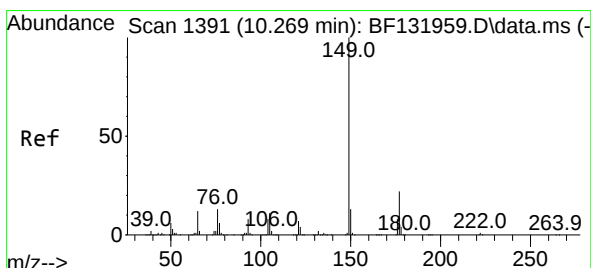
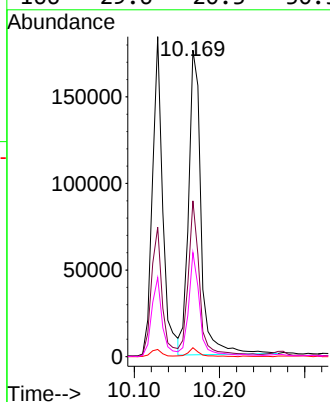
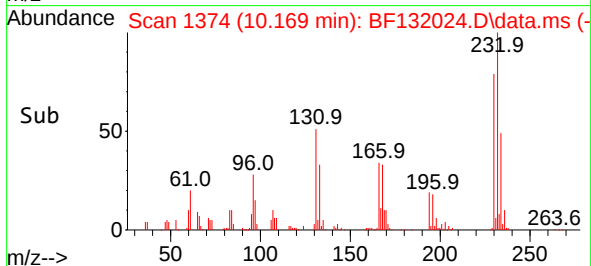


Tgt Ion:232 Resp: 179116
Ion Ratio Lower Upper
232 100
131 46.5 33.0 49.4
130 2.7 1.8 2.8
166 29.6 20.3 30.5

Manual Integrations

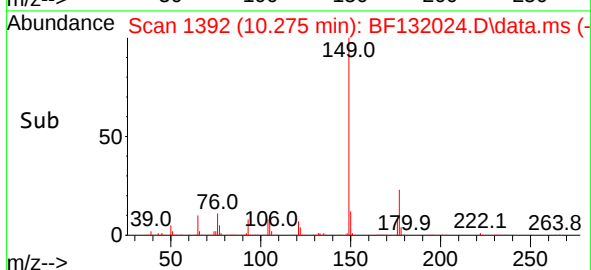
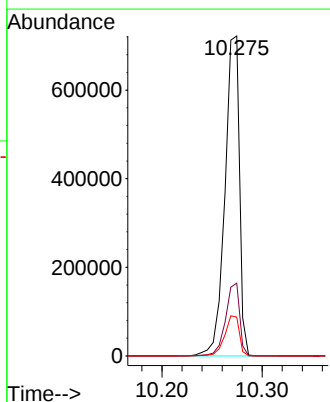
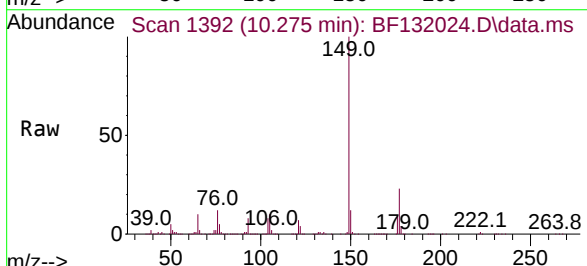
APPROVED

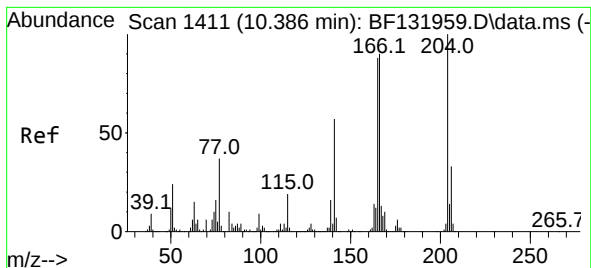
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#60
Diethylphthalate
Concen: 36.293 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:149 Resp: 730842
Ion Ratio Lower Upper
149 100
177 22.7 17.7 26.5
150 12.1 10.2 15.2





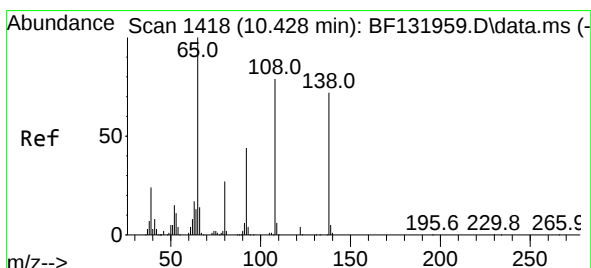
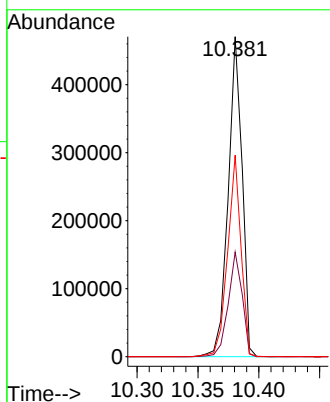
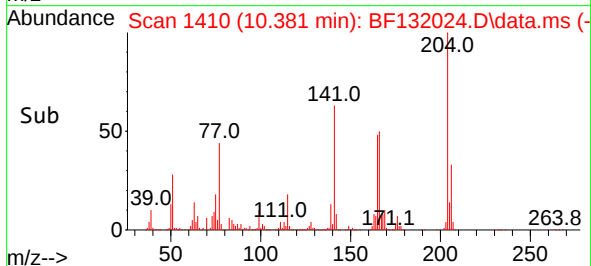
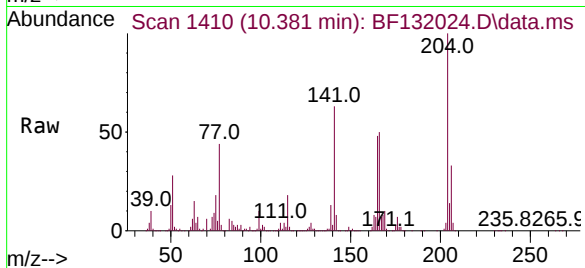
#61
4-Chlorophenyl-phenylether
Concen: 35.253 ng
RT: 10.381 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
ClientSampleId :
PB150032BS

Tgt Ion:204 Resp: 372550
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 63.0 45.6 68.4

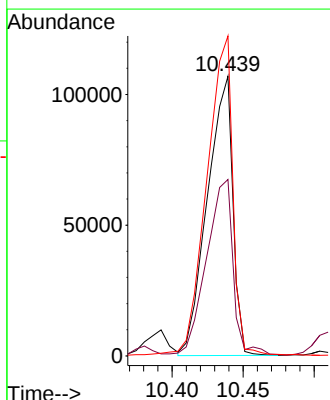
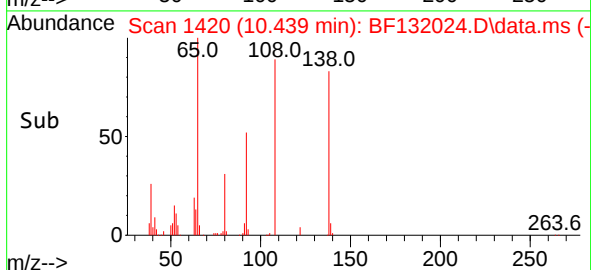
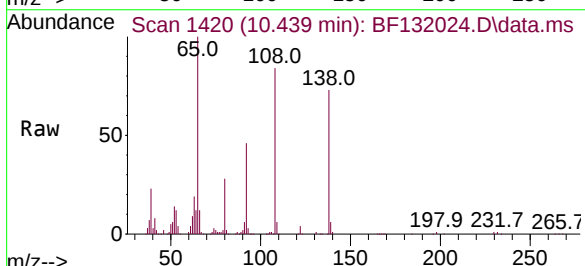
Manual Integrations
APPROVED

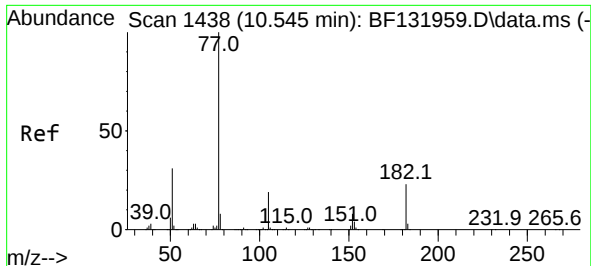
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#62
4-Nitroaniline
Concen: 35.433 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.011 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

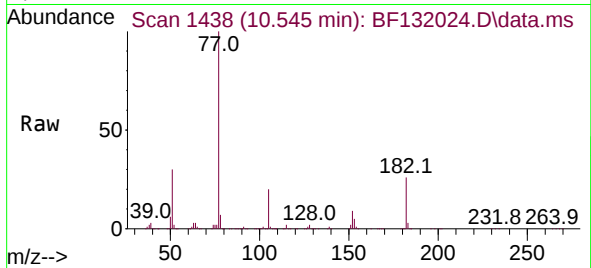
Tgt Ion:138 Resp: 133141
Ion Ratio Lower Upper
138 100
92 63.1 41.3 81.3
108 114.4 89.8 129.8





#63
Azobenzene
Concen: 34.775 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

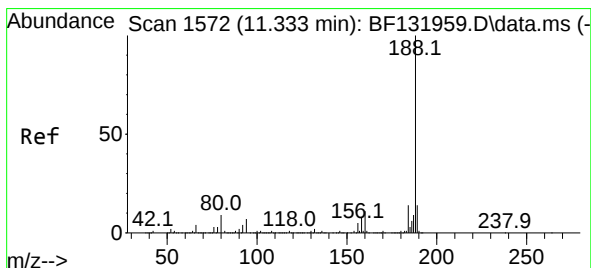
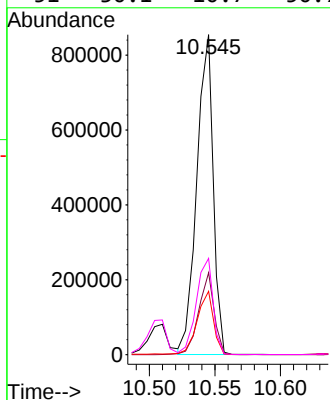
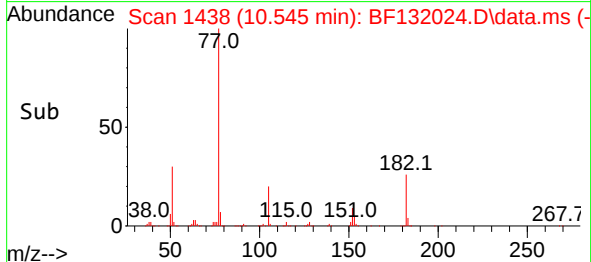
Instrument :
BNA_F
ClientSampleId :
PB150032BS



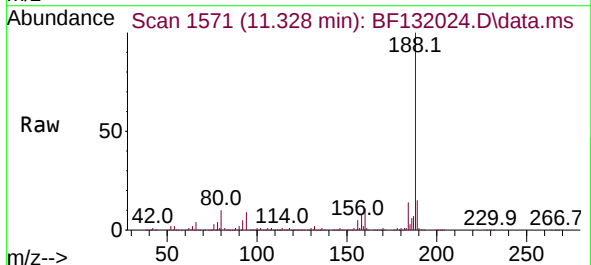
Tgt Ion: 77 Resp: 742856
Ion Ratio Lower Upper
77 100
182 25.6 2.9 42.9
105 19.8 0.0 39.3
51 30.1 10.7 50.7

Manual Integrations
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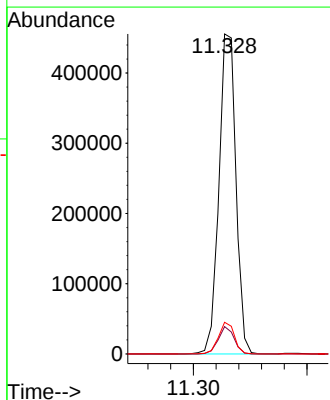
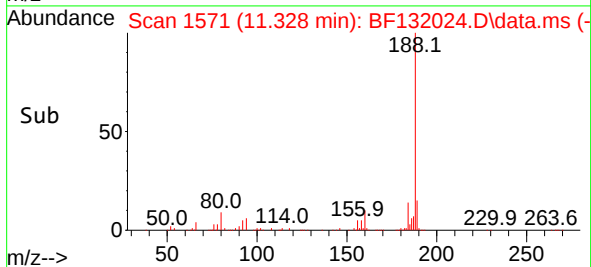
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

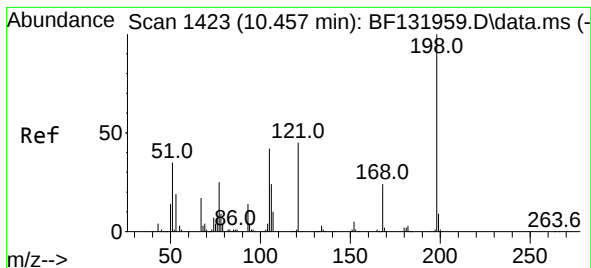


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



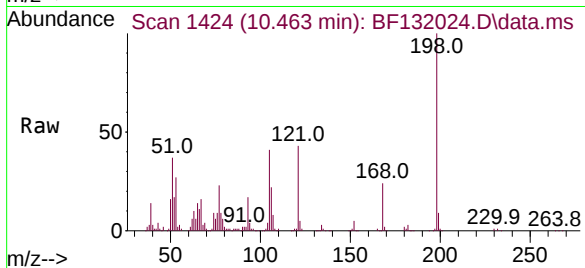
Tgt Ion:188 Resp: 473501
Ion Ratio Lower Upper
188 100
94 8.5 5.8 8.6
80 9.9 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 40.311 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

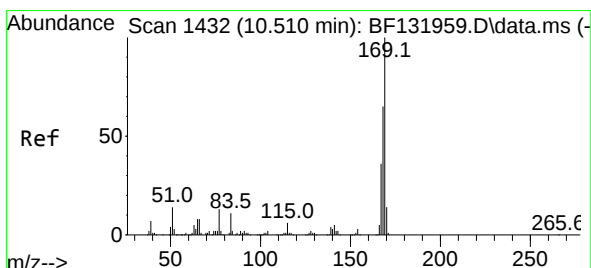
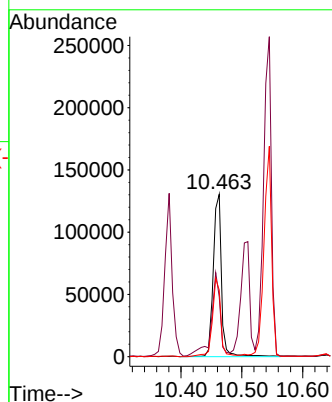
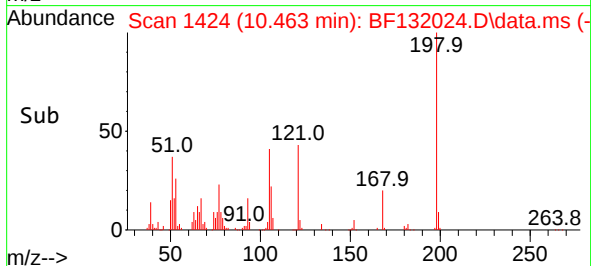
Instrument :
BNA_F
ClientSampleId :
PB150032BS



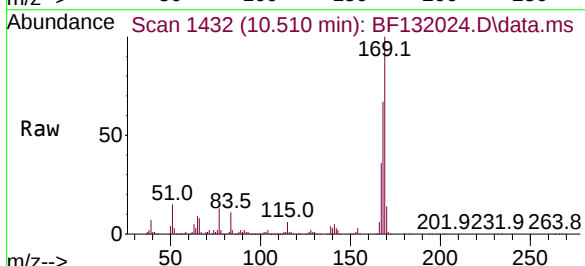
Tgt Ion:198 Resp: 123091
Ion Ratio Lower Upper
198 100
51 36.8 21.4 61.4
105 41.0 23.0 63.0

Manual Integrations
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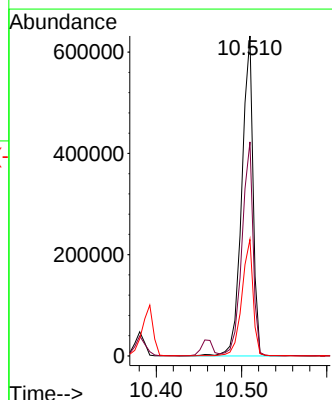
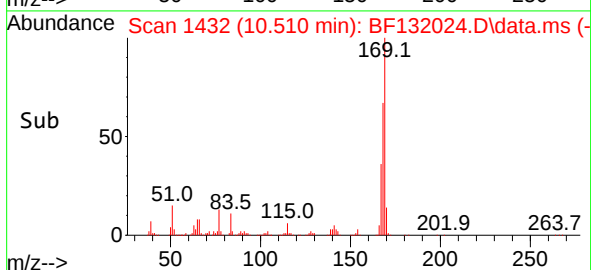
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

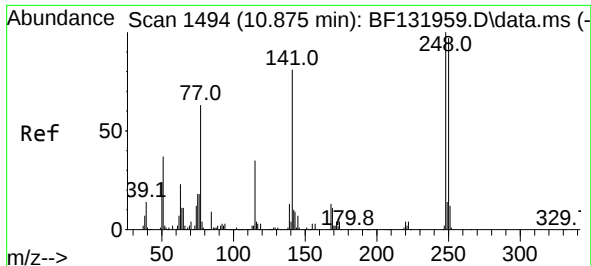


#66
n-Nitrosodiphenylamine
Concen: 39.040 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



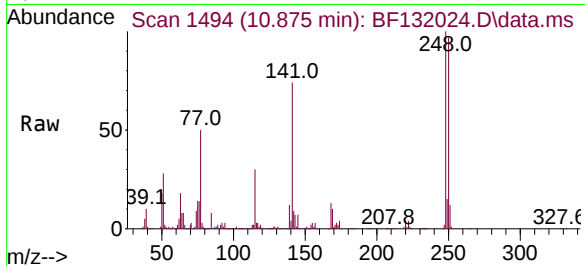
Tgt Ion:169 Resp: 579956
Ion Ratio Lower Upper
169 100
168 66.9 52.5 78.7
167 36.4 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 38.557 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

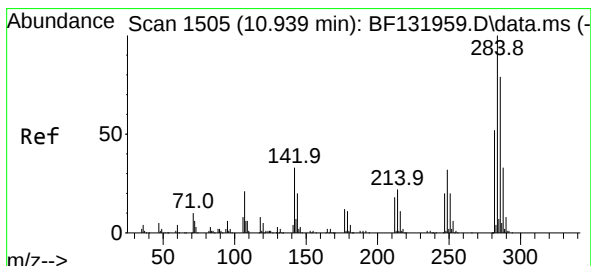
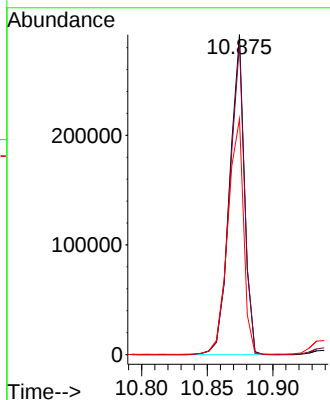
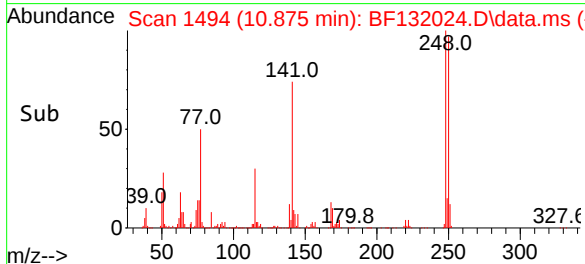
Instrument :
BNA_F
ClientSampleId :
PB150032BS



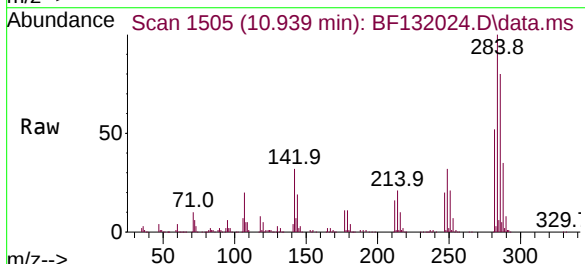
Tgt Ion:248 Resp: 228389
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 73.6 65.0 97.6

Manual Integrations
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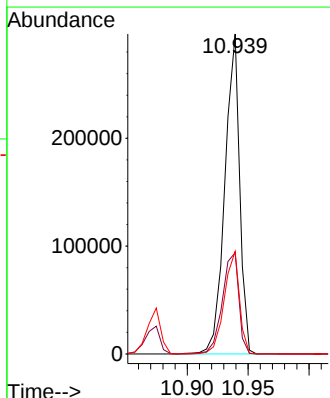
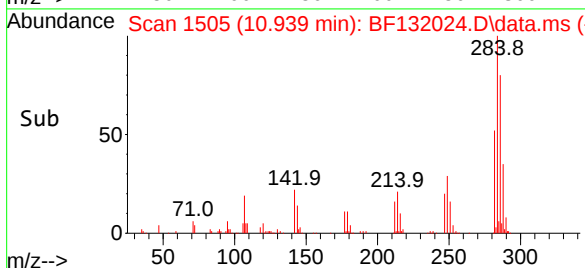
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

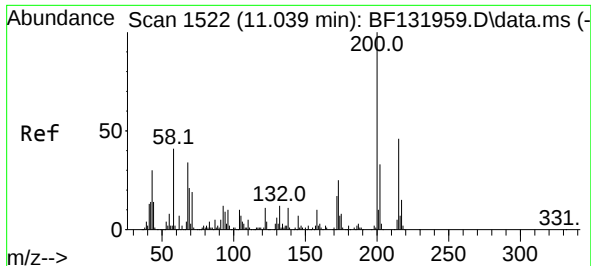


#68
Hexachlorobenzene
Concen: 41.629 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



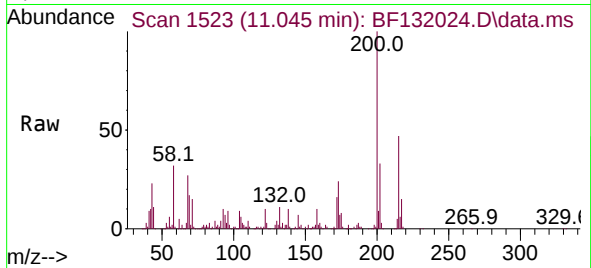
Tgt Ion:284 Resp: 249440
Ion Ratio Lower Upper
284 100
142 31.6 26.4 39.6
249 32.0 25.4 38.2





#69
Atrazine
Concen: 42.824 ng
RT: 11.045 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

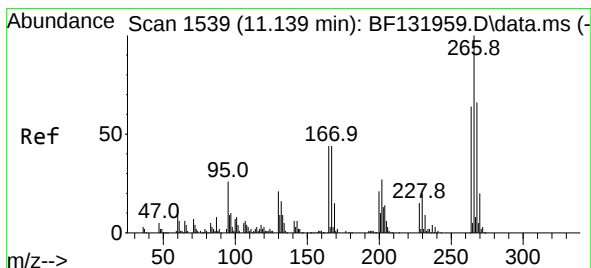
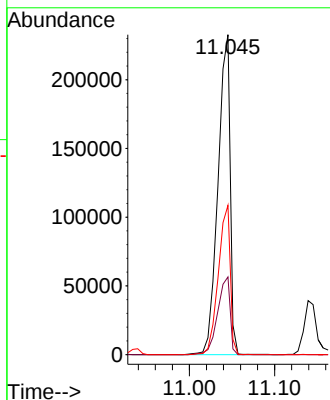
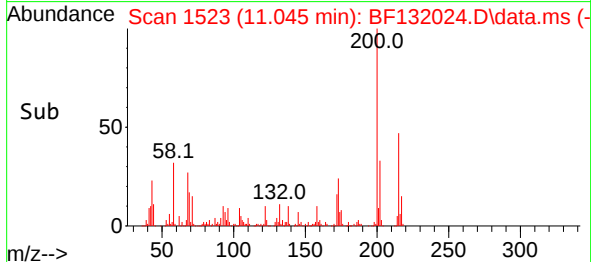
Instrument :
BNA_F
ClientSampleId :
PB150032BS



Tgt Ion:200 Resp: 231342
Ion Ratio Lower Upper
200 100
173 24.3 5.1 45.1
215 46.6 25.6 65.6

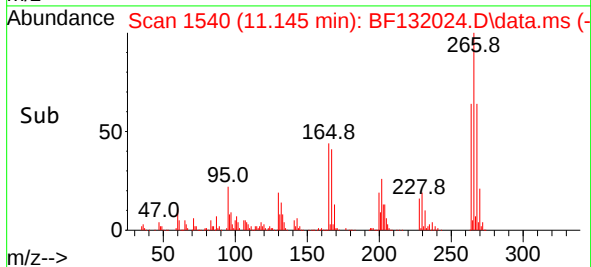
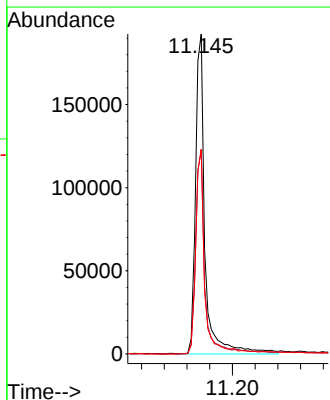
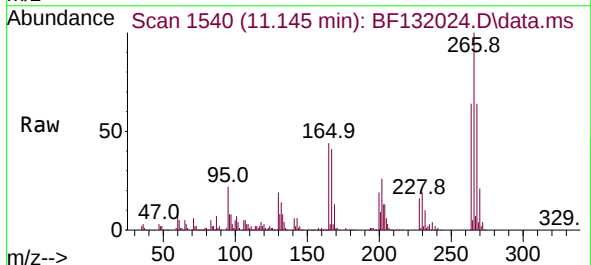
Manual Integrations
APPROVED

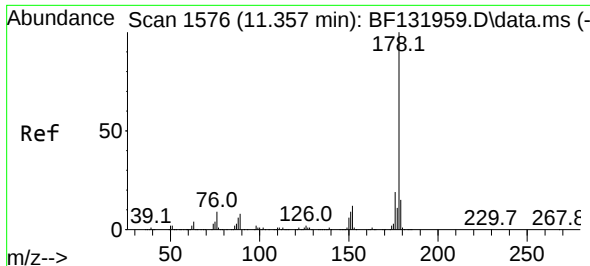
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#70
Pentachlorophenol
Concen: 69.844 ng
RT: 11.145 min Scan# 1540
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:266 Resp: 221308
Ion Ratio Lower Upper
266 100
268 63.7 52.7 79.1
264 64.0 51.6 77.4





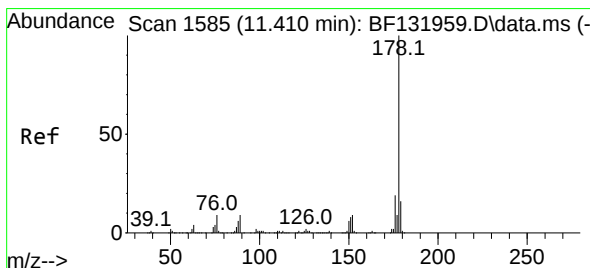
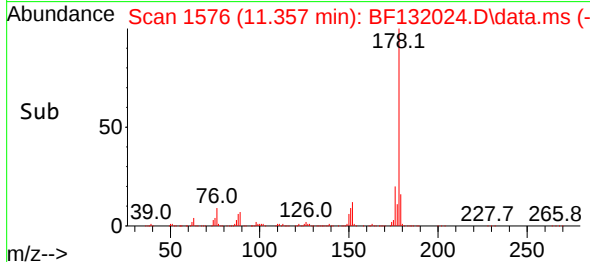
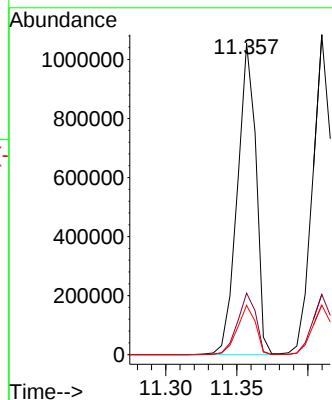
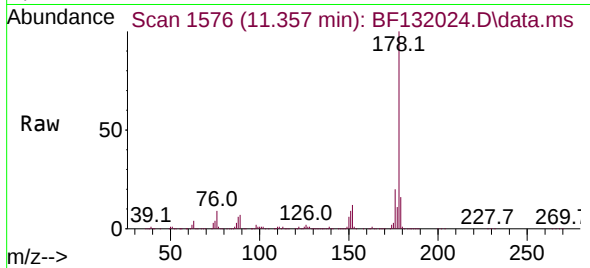
#71
Phenanthrene
Concen: 38.809 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :
BNA_F
ClientSampleId :
PB150032BS

Tgt Ion:178 Resp: 957962
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.8 12.4 18.6

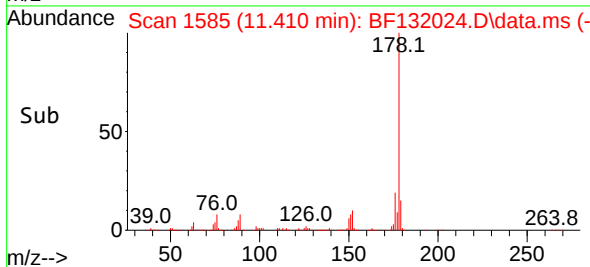
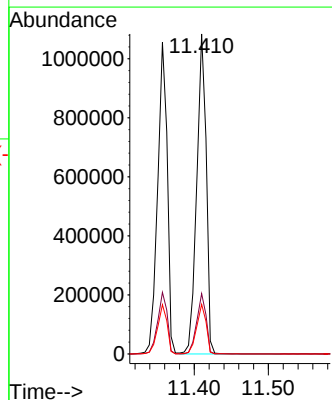
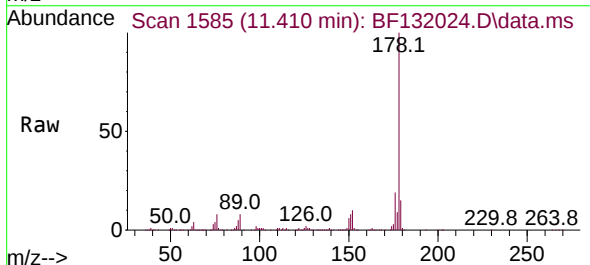
Manual Integrations
APPROVED

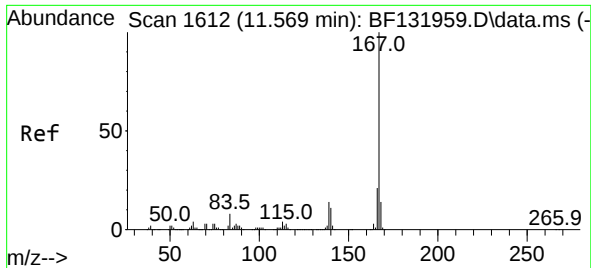
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#72
Anthracene
Concen: 38.046 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

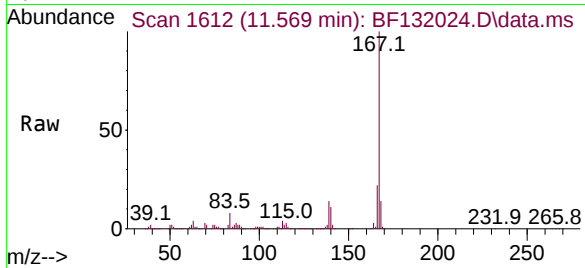
Tgt Ion:178 Resp: 966789
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.6 19.0





#73
 Carbazole
 Concen: 38.937 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF132024.D
 Acq: 11 Jan 2023 15:38

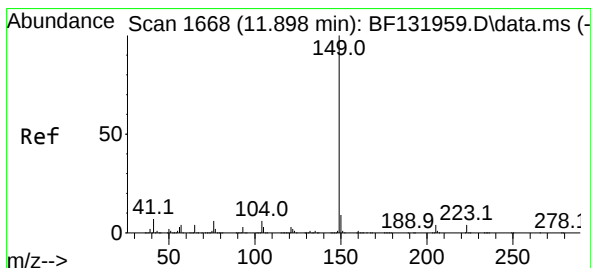
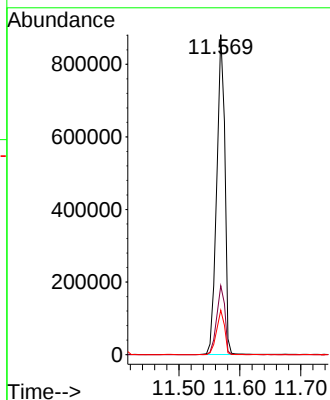
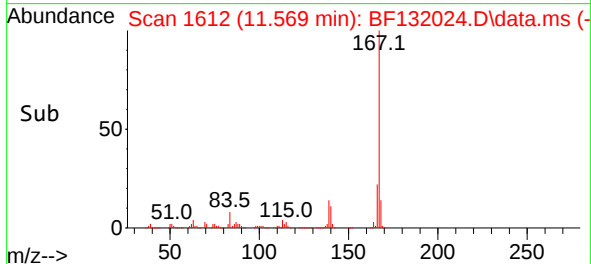
Instrument : BNA_F
 ClientSampleId : PB150032BS



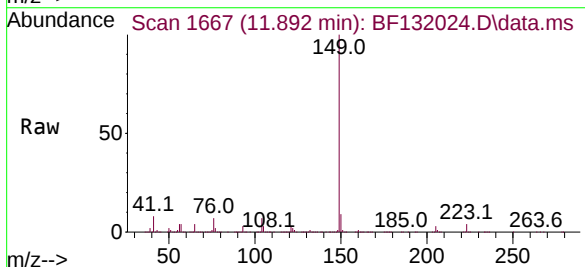
Tgt Ion:167 Resp: 819140
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.8 25.2
 139 13.9 11.1 16.7

Manual Integrations
 APPROVED

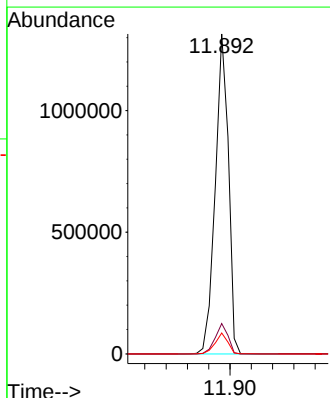
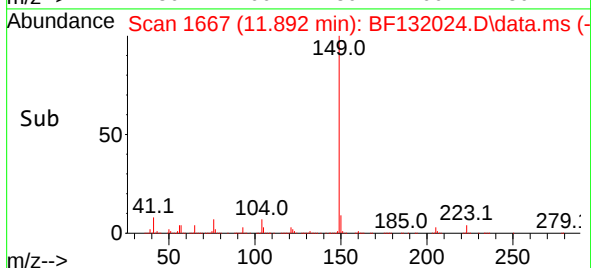
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

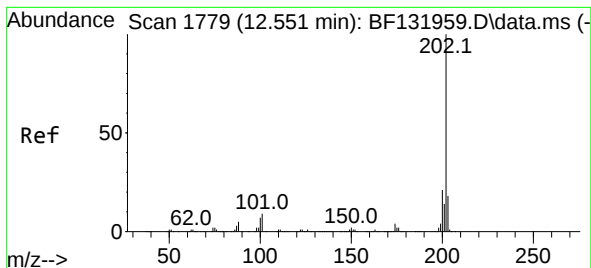


#74
 Di-n-butylphthalate
 Concen: 38.539 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF132024.D
 Acq: 11 Jan 2023 15:38



Tgt Ion:149 Resp: 1128913
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.5 5.0 7.6





#75

Fluoranthene

Concen: 36.919 ng

RT: 12.551 min Scan# 1779

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:202 Resp: 102488

Ion Ratio Lower Upper

202 100

101 8.5 0.0 28.8

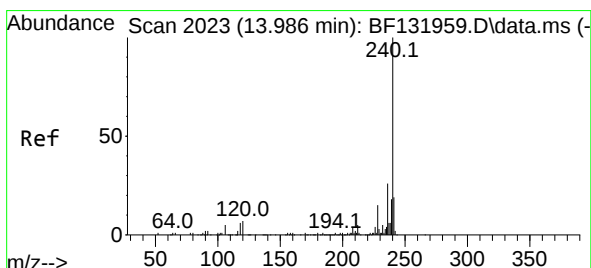
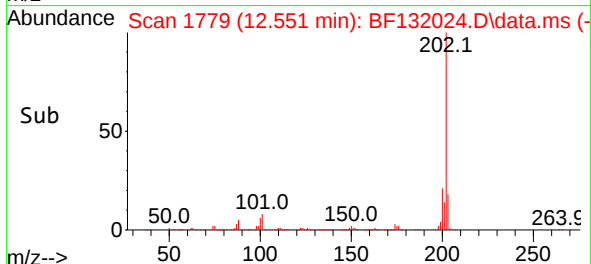
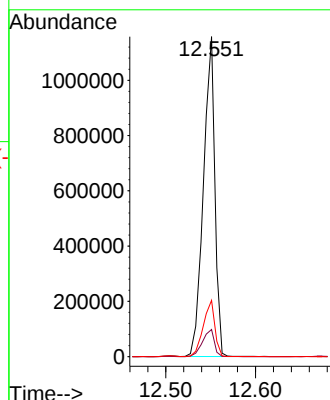
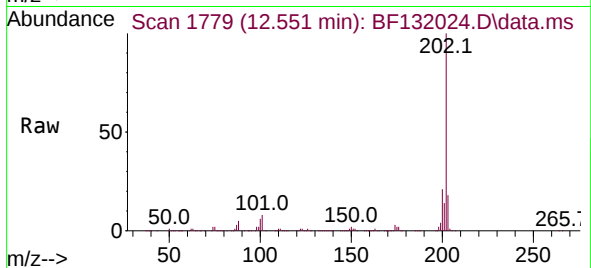
203 17.6 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

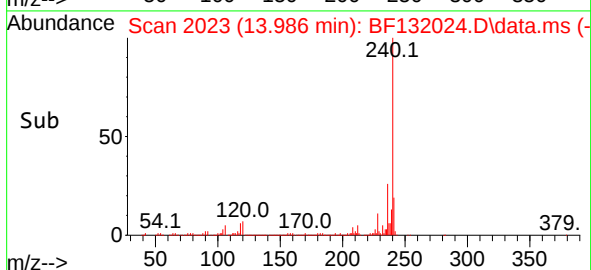
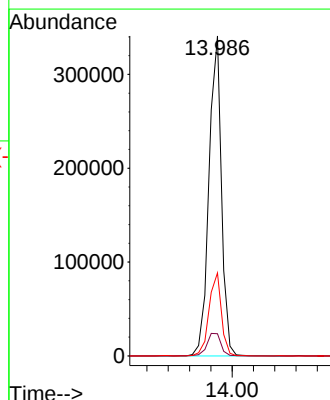
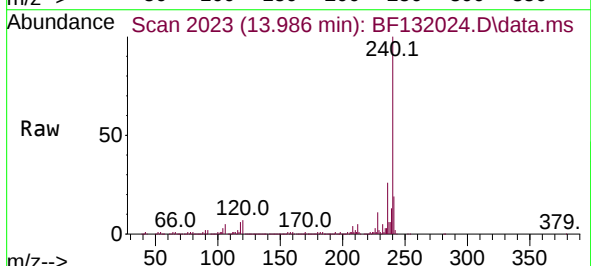
Tgt Ion:240 Resp: 276776

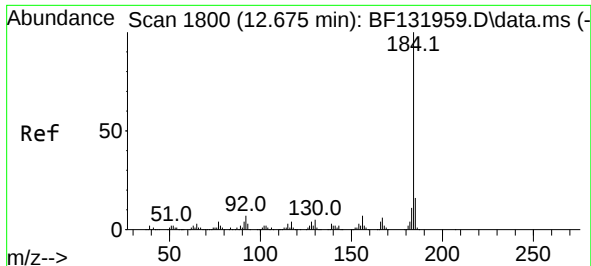
Ion Ratio Lower Upper

240 100

120 6.9 5.4 8.0

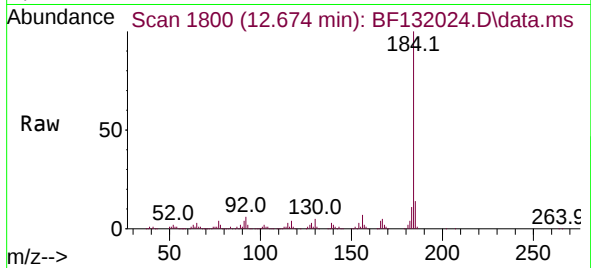
236 25.9 21.1 31.7





#77
Benzidine
Concen: 22.410 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.001 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

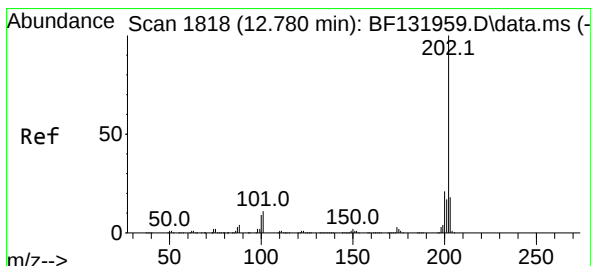
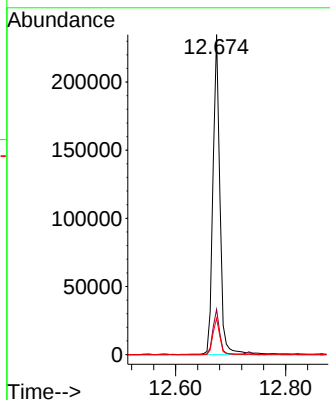
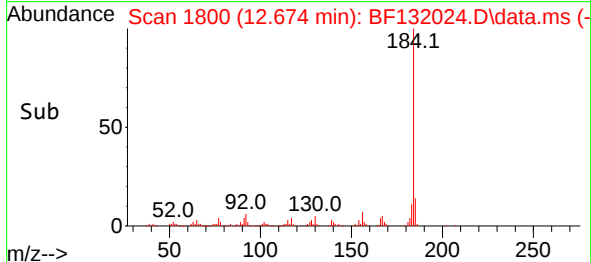
Instrument :
BNA_F
ClientSampleId :
PB150032BS



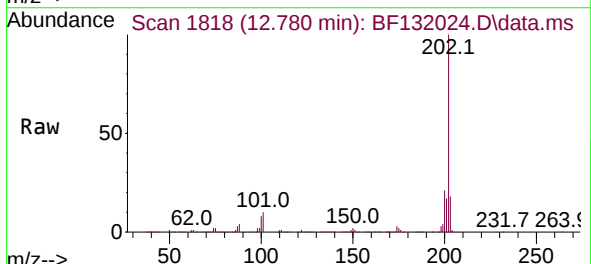
Tgt Ion:184 Resp: 206059
Ion Ratio Lower Upper
184 100
185 14.1 12.8 19.2
183 11.3 9.0 13.4

Manual Integrations
APPROVED

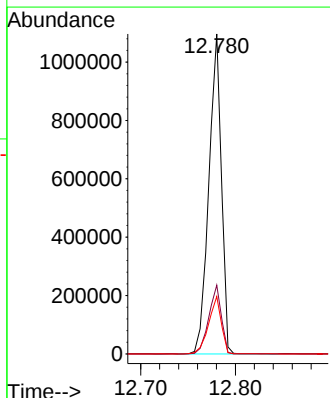
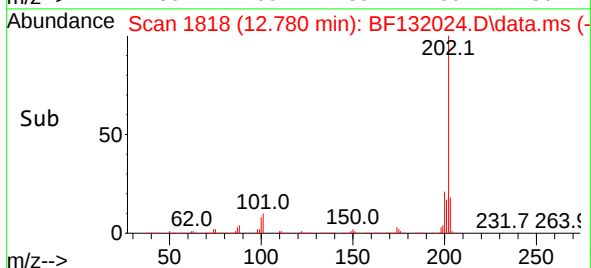
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

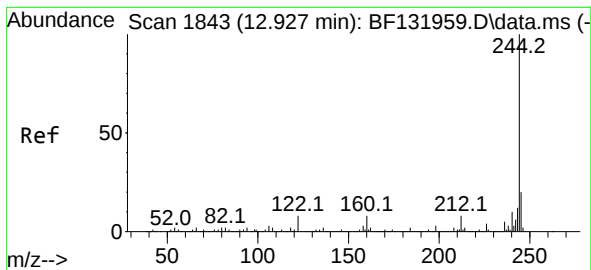


#78
Pyrene
Concen: 40.105 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion:202 Resp: 1012390
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 81.948 ng

RT: 12.927 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF132024.D

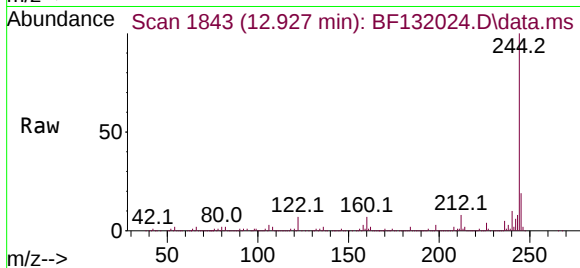
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS



Tgt Ion:244 Resp: 1582479

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

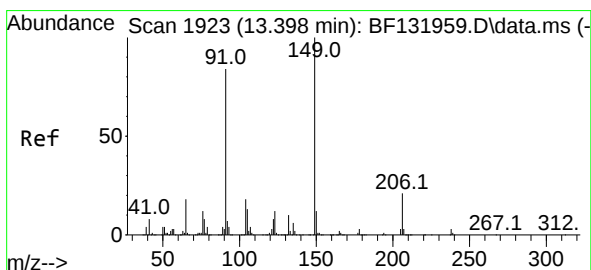
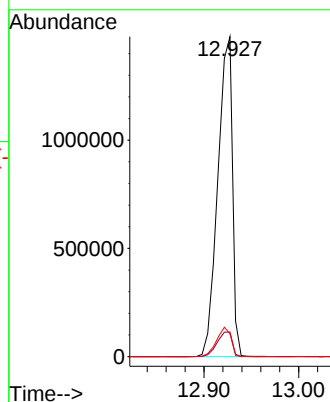
122 7.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#80

Butylbenzylphthalate

Concen: 39.580 ng

RT: 13.398 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

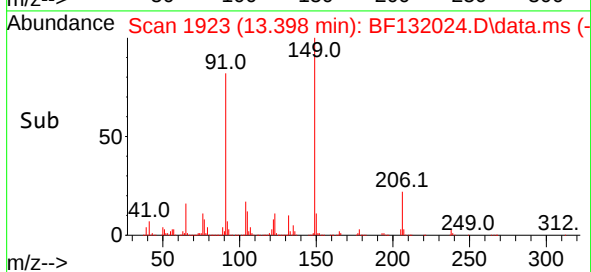
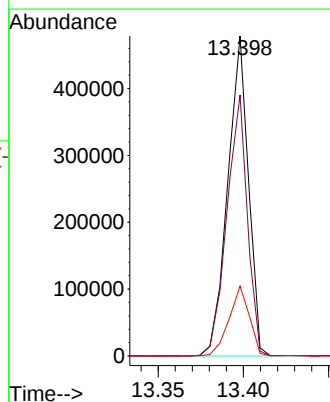
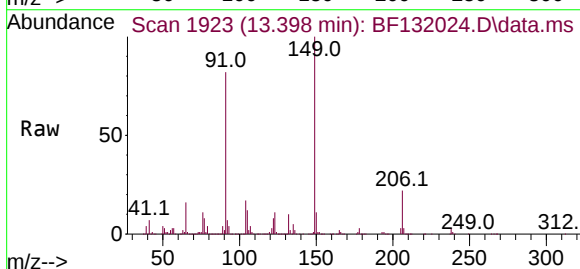
Tgt Ion:149 Resp: 403298

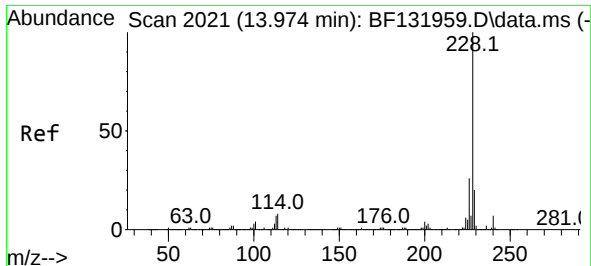
Ion Ratio Lower Upper

149 100

91 81.5 67.0 100.4

206 21.8 16.9 25.3





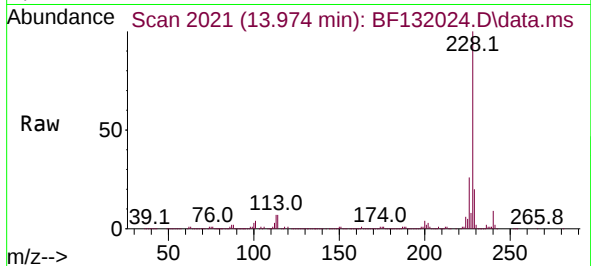
#81
Benzo(a)anthracene
Concen: 36.651 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

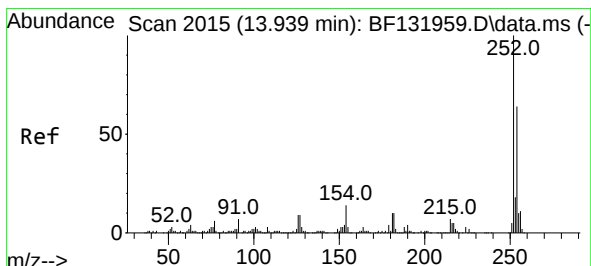
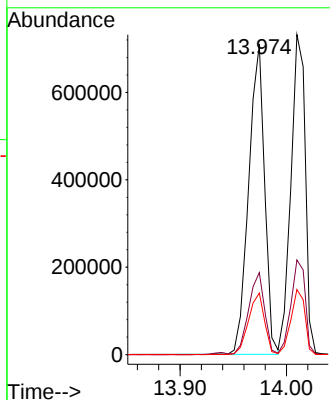
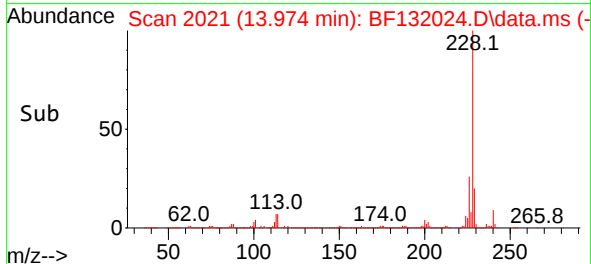
PB150032BS



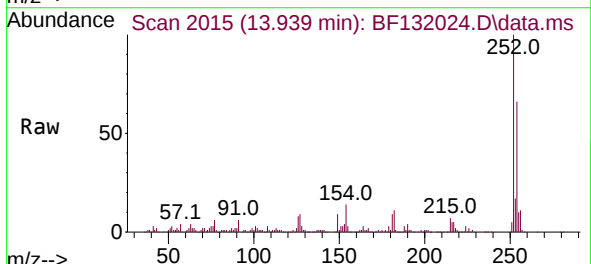
Tgt Ion:228 Resp: 738024
Ion Ratio Lower Upper
228 100
226 26.4 21.0 31.4
229 19.8 15.8 23.6

Manual Integrations
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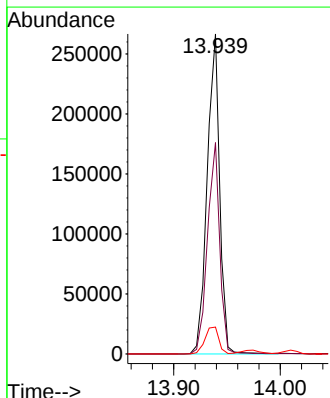
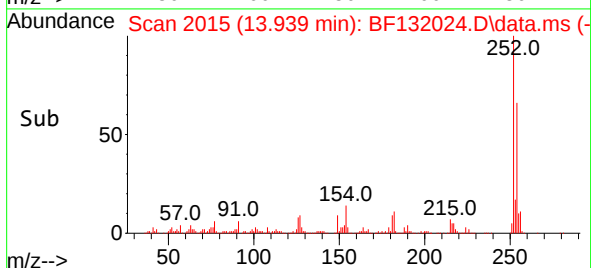
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

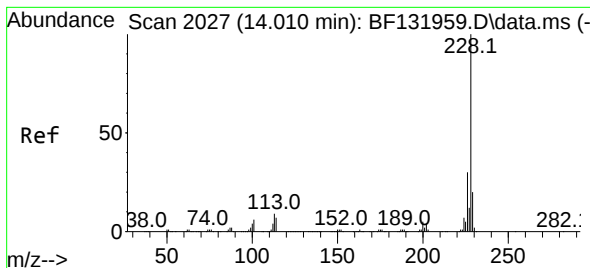


#82
3,3'-Dichlorobenzidine
Concen: 34.478 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38



Tgt Ion:252 Resp: 216675
Ion Ratio Lower Upper
252 100
254 66.0 51.5 77.3
126 8.4 6.9 10.3





#83

Chrysene

Concen: 36.543 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF132024.D

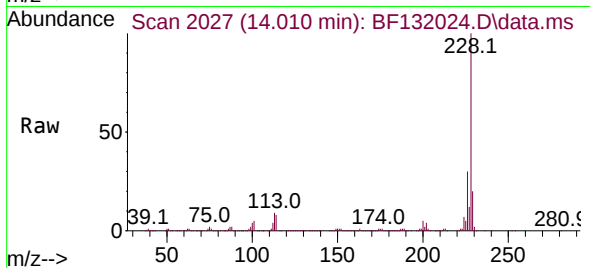
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS



Tgt Ion:228 Resp: 687681

Ion Ratio Lower Upper

228 100

226 29.6 24.0 36.0

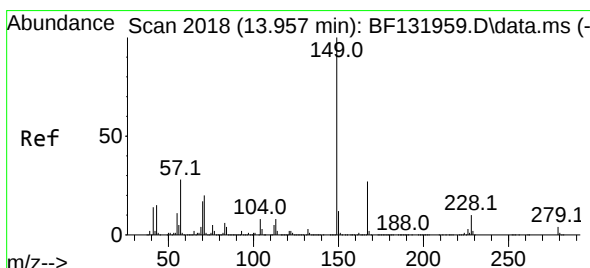
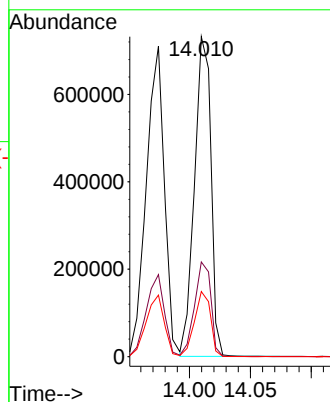
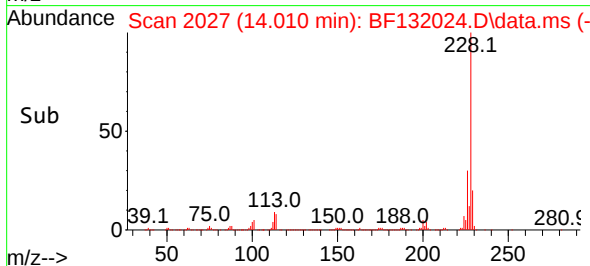
229 20.3 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.667 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

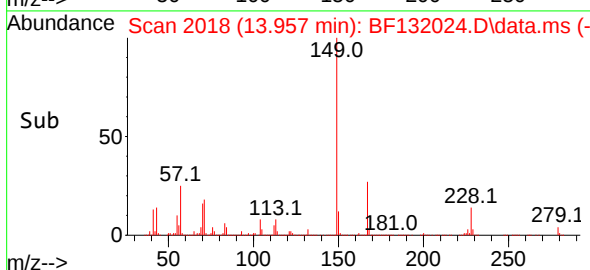
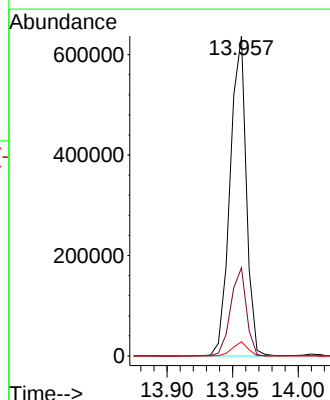
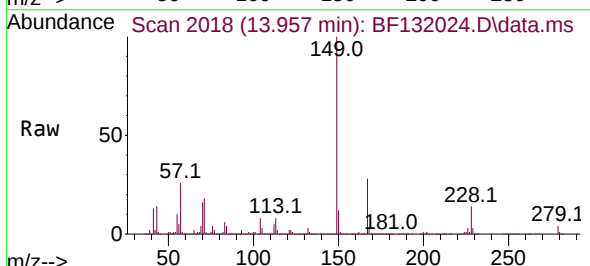
Tgt Ion:149 Resp: 547581

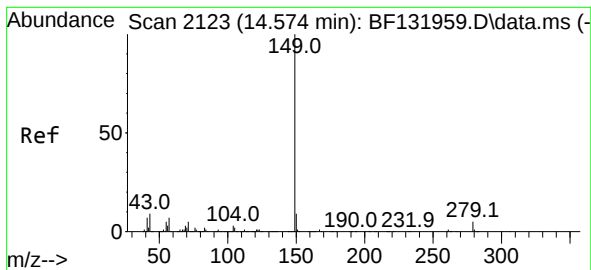
Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 39.445 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:149 Resp: 745122

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

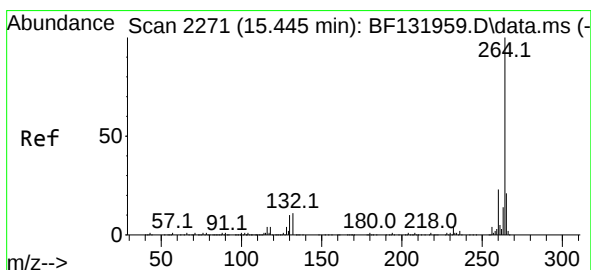
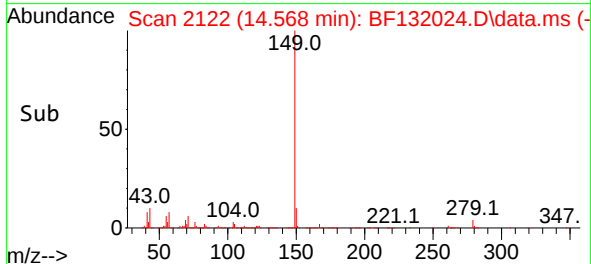
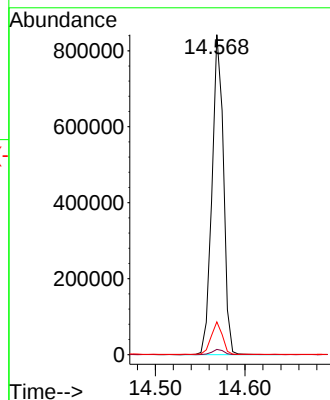
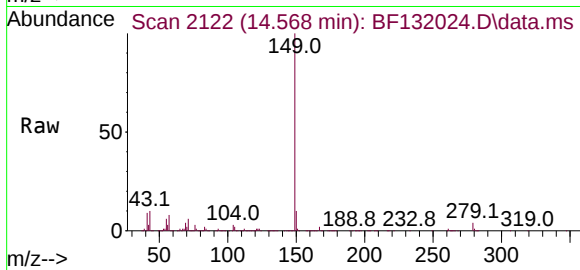
43 10.0 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

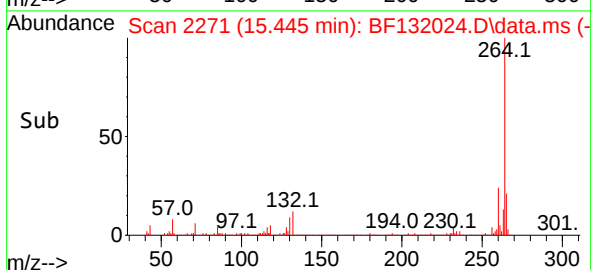
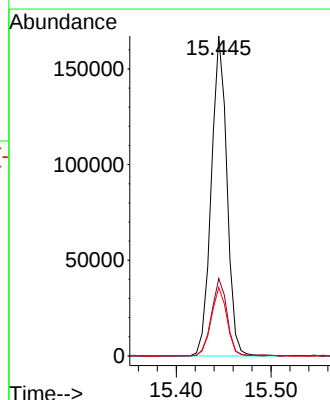
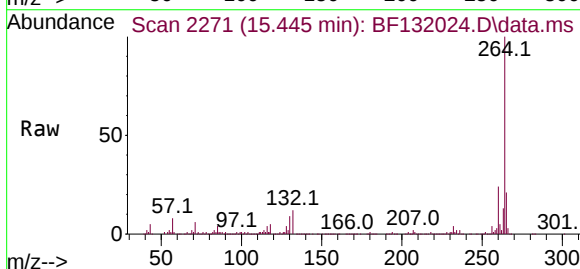
Tgt Ion:264 Resp: 191584

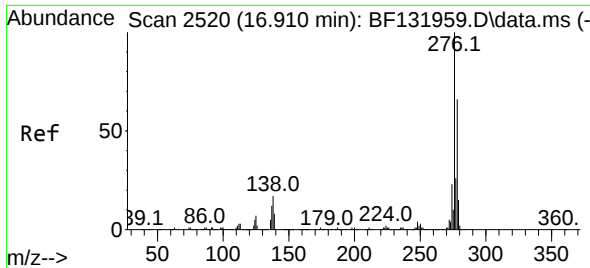
Ion Ratio Lower Upper

264 100

260 24.2 18.3 27.5

265 21.4 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.119 ng
RT: 16.915 min Scan# 2520
Delta R.T. 0.006 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

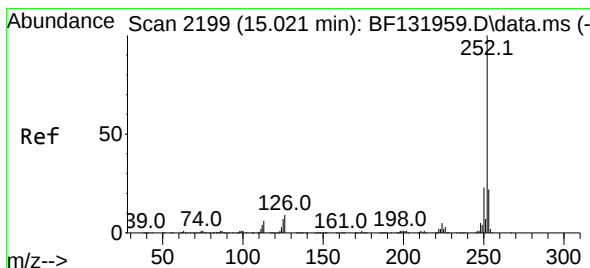
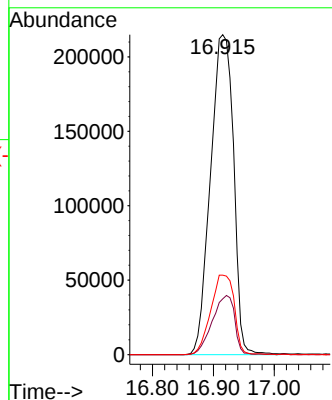
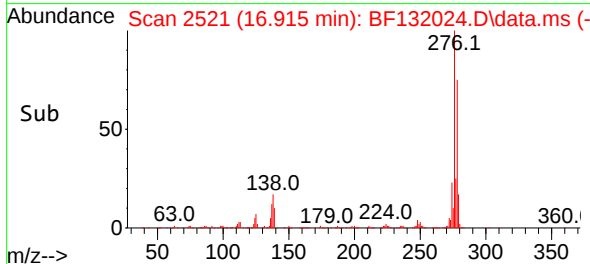
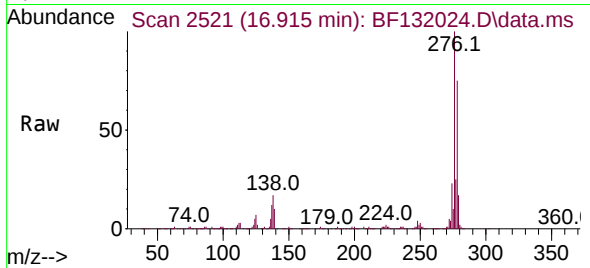
ClientSampleId :

PB150032BS

Tgt Ion:276 Resp: 565386
Ion Ratio Lower Upper
276 100
138 17.9 14.2 21.2
277 25.4 20.2 30.4

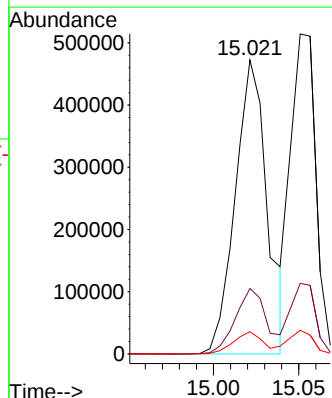
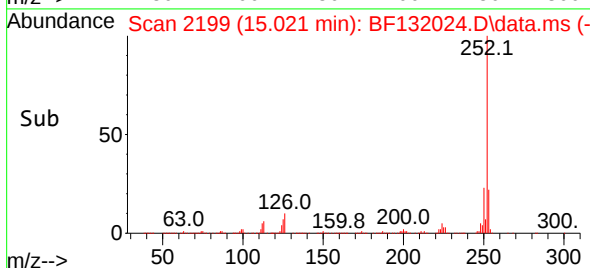
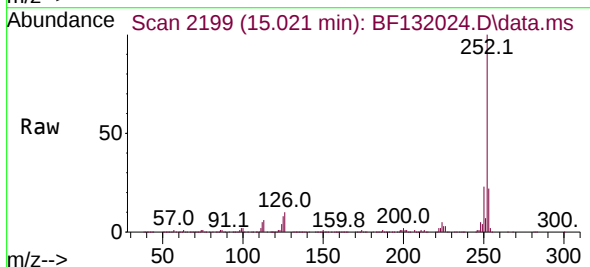
Manual Integrations
APPROVED

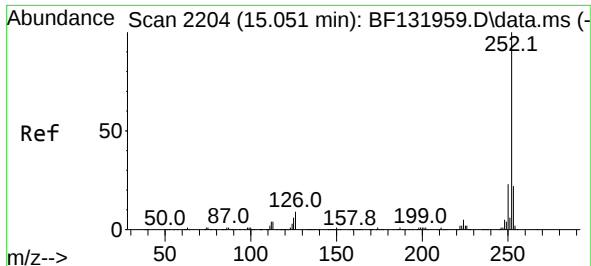
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#88
Benzo(b)fluoranthene
Concen: 46.820 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF132024.D
Acq: 11 Jan 2023 15:38

Tgt Ion:252 Resp: 615235
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 7.5 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 40.534 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

PB150032BS

Tgt Ion:252 Resp: 531576

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

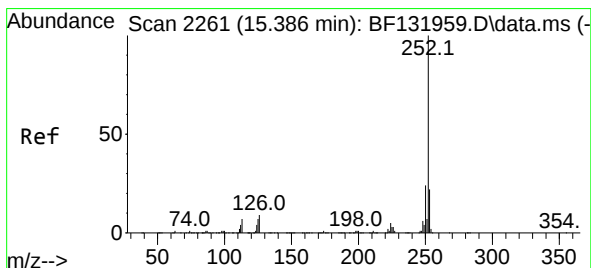
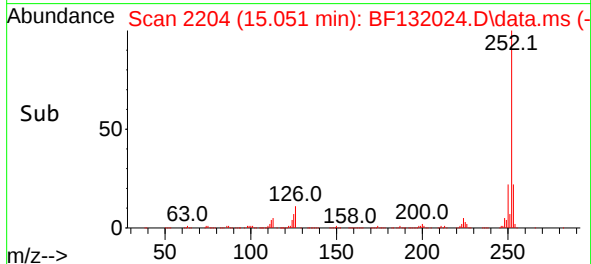
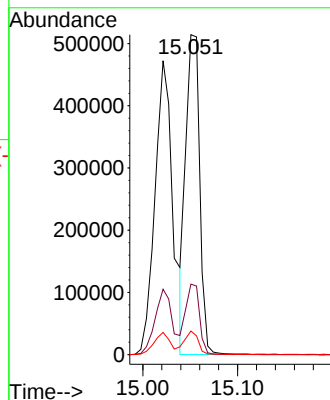
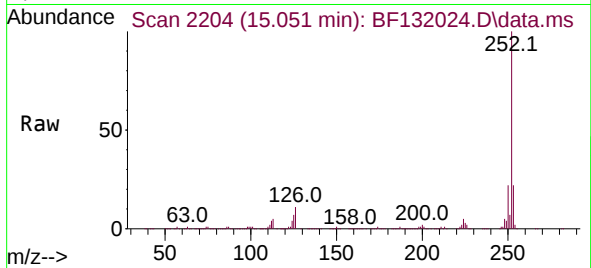
125 7.4 5.2 7.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#90

Benzo(a)pyrene

Concen: 40.842 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.000 min

Lab File: BF132024.D

Acq: 11 Jan 2023 15:38

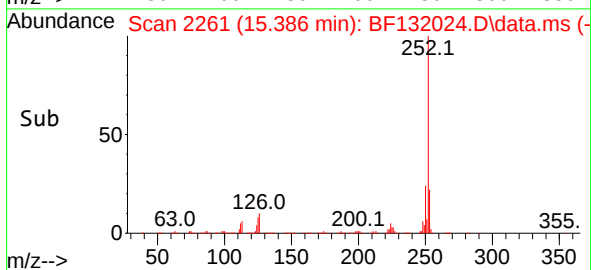
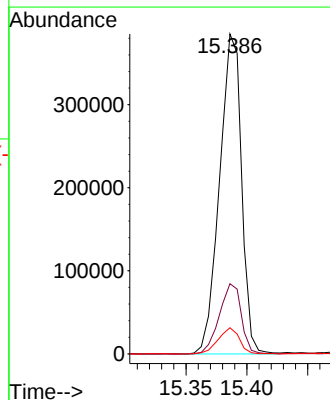
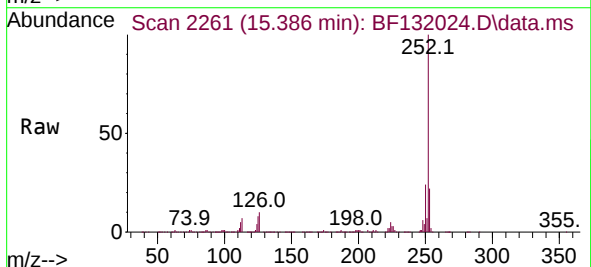
Tgt Ion:252 Resp: 483536

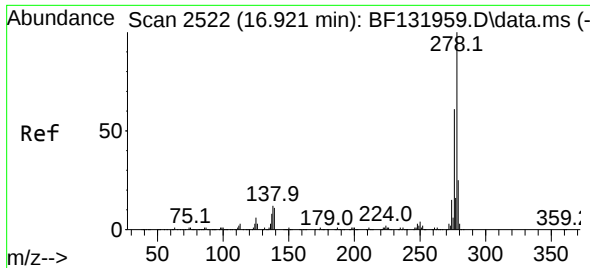
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.2 5.7 8.5





#91
 Dibenzo(a,h)anthracene
 Concen: 50.738 ng
 RT: 16.927 min Scan# 2522
 Delta R.T. 0.006 min
 Lab File: BF132024.D
 Acq: 11 Jan 2023 15:38

Instrument :

BNA_F

ClientSampleId :

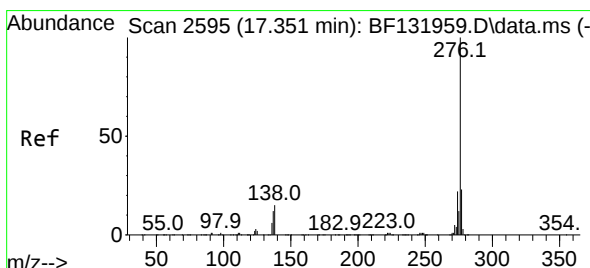
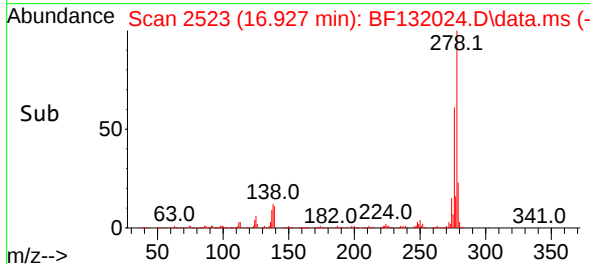
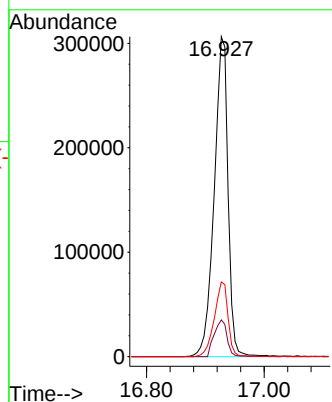
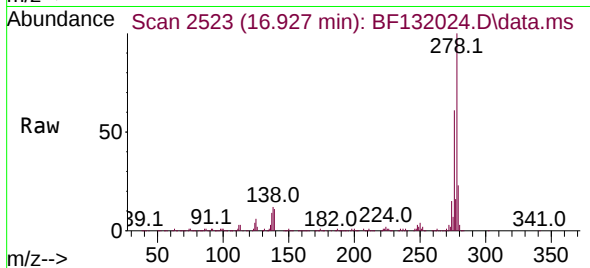
PB150032BS

Tgt Ion:278 Resp: 49975
 Ion Ratio Lower Upper
 278 100
 139 11.5 8.8 13.2
 279 23.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#92
 Benzo(g,h,i)perylene
 Concen: 45.131 ng
 RT: 17.362 min Scan# 2597
 Delta R.T. 0.011 min
 Lab File: BF132024.D
 Acq: 11 Jan 2023 15:38

Tgt Ion:276 Resp: 473587
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.2 27.2
 138 14.7 11.7 17.5

