

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132027.D
 Acq On : 11 Jan 2023 17:24
 Operator : CG\JU
 Sample : 01072-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 00:35:26 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	83152	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	307484	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	176486	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	320957	20.000	ng	0.00
76) Chrysene-d12	13.980	240	142067	20.000	ng	0.00
86) Perylene-d12	15.445	264	149394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	299505	59.351	ng	0.01
7) Phenol-d6	6.434	99	685125	102.398	ng	0.00
23) Nitrobenzene-d5	7.357	82	516704	69.743	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	9781	4.820	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	947620	72.485	ng	0.00
79) Terphenyl-d14	12.921	244	901251	90.925	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	93031	42.211	ng	98
3) Pyridine	3.293	79	251763	40.702	ng	100
4) n-Nitrosodimethylamine	3.275	42	131524	45.243	ng	92
6) Aniline	6.445	93	176402	20.038	ng	# 1
8) 2-Chlorophenol	6.569	128	240986	47.597	ng	98
9) Benzaldehyde	6.334	77	147755	33.188	ng	97
10) Phenol	6.445	94	333893	44.734	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	254063	45.155	ng	98
12) 1,3-Dichlorobenzene	6.722	146	265784	47.131	ng	96
13) 1,4-Dichlorobenzene	6.798	146	265463	46.524	ng	97
14) 1,2-Dichlorobenzene	6.951	146	251990	46.500	ng	99
15) Benzyl Alcohol	6.939	79	261864	44.944	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	315874	44.486	ng	# 1
17) 2-Methylphenol	7.051	107	218268	43.563	ng	92
18) Hexachloroethane	7.292	117	110523	46.838	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	209463	43.277	ng	98
20) 3+4-Methylphenols	7.210	107	279453	43.444	ng	# 72
22) Acetophenone	7.198	105	397351	44.384	ng	92
24) Nitrobenzene	7.375	77	318947	42.288	ng	98
25) Isophorone	7.616	82	577929	41.757	ng	98
26) 2-Nitrophenol	7.692	139	130670	44.031	ng	99
27) 2,4-Dimethylphenol	7.733	122	220588	44.531	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	325965	42.554	ng	99
29) 2,4-Dichlorophenol	7.939	162	223400	44.029	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	260761	44.874	ng	97
31) Naphthalene	8.092	128	708800	43.619	ng	99
32) Benzoic acid	7.881	122	86086m	29.976	ng	
33) 4-Chloroaniline	8.151	127	54398	8.112	ng	93
34) Hexachlorobutadiene	8.204	225	178351	44.269	ng	97
35) Caprolactam	8.551	113	59182m	39.714	ng	
36) 4-Chloro-3-methylphenol	8.651	107	252018	42.320	ng	99
37) 2-Methylnaphthalene	8.786	142	482917	41.379	ng	99
38) 1-Methylnaphthalene	8.886	142	446494	41.294	ng	98
40) 1,2,4,5-Tetrachloroben...	8.957	216	277238	44.579	ng	99
41) Hexachlorocyclopentadiene	8.933	237	209452	69.020	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	166196	44.398	ng	99

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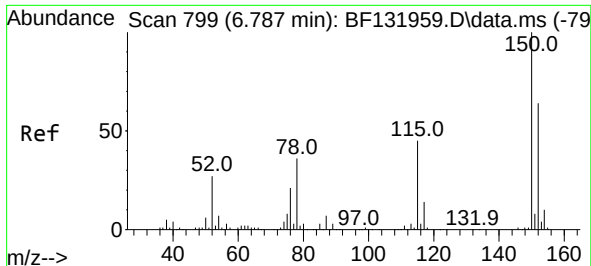
Quant Time: Jan 12 00:35:26 2023
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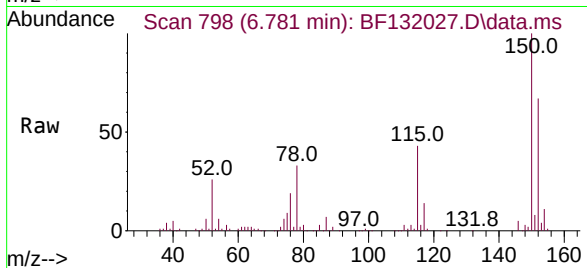
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	173686	39.855	ng	96
46) 1,1'-Biphenyl	9.257	154	603482	44.302	ng	99
47) 2-Chloronaphthalene	9.280	162	479764	45.378	ng	99
48) 2-Nitroaniline	9.386	65	164406	42.813	ng	98
49) Acenaphthylene	9.698	152	709435	43.241	ng	99
50) Dimethylphthalate	9.563	163	581774	42.290	ng	99
51) 2,6-Dinitrotoluene	9.633	165	124703	43.099	ng	96
52) Acenaphthene	9.869	154	420969	42.746	ng	97
53) 3-Nitroaniline	9.798	138	47867	17.052	ng	94
54) 2,4-Dinitrophenol	9.916	184	87727	60.387	ng	98
55) Dibenzofuran	10.045	168	654854	42.184	ng	99
56) 4-Nitrophenol	9.986	139	113266	71.636	ng	98
57) 2,4-Dinitrotoluene	10.039	165	160005	41.362	ng	90
58) Fluorene	10.386	166	524230	42.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	125768m	38.731	ng	
60) Diethylphthalate	10.263	149	562857	41.609	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	291928	41.123	ng	100
62) 4-Nitroaniline	10.427	138	93329	36.975	ng	96
63) Azobenzene	10.539	77	659020	45.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	74268	35.882	ng	90
66) n-Nitrosodiphenylamine	10.504	169	446193	44.312	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	175484	43.706	ng	99
68) Hexachlorobenzene	10.933	284	189918	46.759	ng	96
69) Atrazine	11.039	200	164436	44.906	ng	96
70) Pentachlorophenol	11.139	266	117596	55.693	ng	98
71) Phenanthrene	11.357	178	721131	43.100	ng	100
72) Anthracene	11.404	178	743405	43.160	ng	99
73) Carbazole	11.569	167	580611	40.716	ng	100
74) Di-n-butylphthalate	11.892	149	823458	41.472	ng	100
75) Fluoranthene	12.545	202	707274	37.587	ng	99
77) Benzidine	12.668	184	149073	31.585	ng	97
78) Pyrene	12.774	202	679861	52.469	ng	100
80) Butylbenzylphthalate	13.398	149	244653	46.777	ng	93
81) Benzo(a)anthracene	13.968	228	442855	42.847	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	63027	19.538	ng	97
83) Chrysene	14.010	228	413590	42.817	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	320830	45.279	ng	100
85) Di-n-octyl phthalate	14.568	149	501920	51.765	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	478472	52.222	ng	99
88) Benzo(b)fluoranthene	15.021	252	419649	40.955	ng	98
89) Benzo(k)fluoranthene	15.051	252	400896	39.203	ng	99
90) Benzo(a)pyrene	15.386	252	369146	39.985	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	401220	52.238	ng	99
92) Benzo(g,h,i)perylene	17.351	276	386111	47.026	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

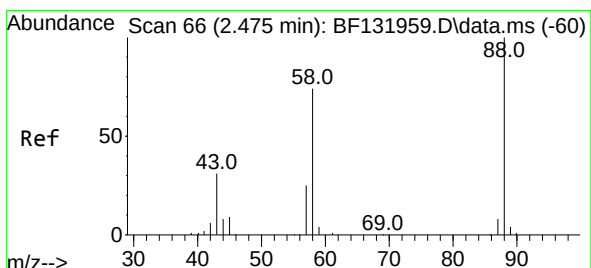
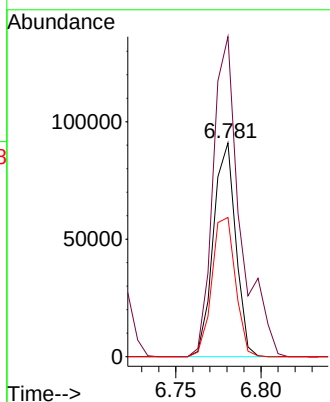
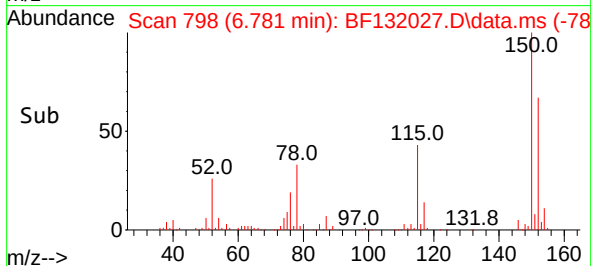
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:152 Resp: 83152
Ion Ratio Lower Upper
152 100
150 149.8 124.6 186.8
115 65.1 55.6 83.4

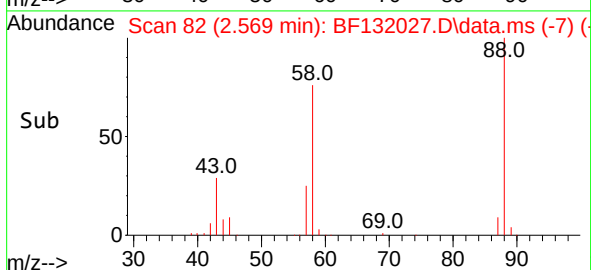
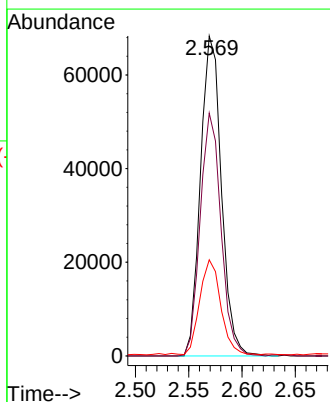
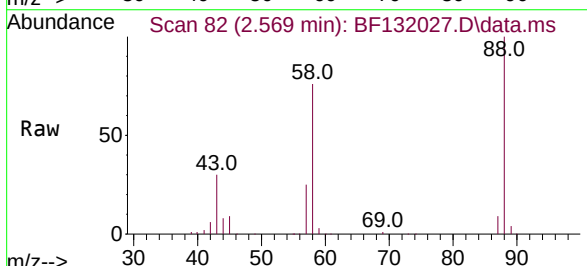
Manual Integrations
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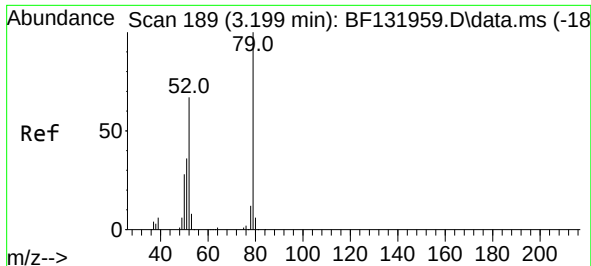
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#2
1,4-Dioxane
Concen: 42.211 ng
RT: 2.569 min Scan# 82
Delta R.T. 0.094 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

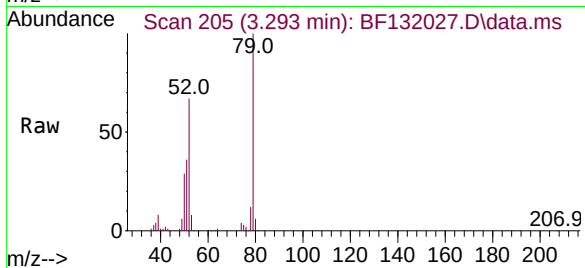
Tgt Ion: 88 Resp: 93031
Ion Ratio Lower Upper
88 100
58 75.3 59.0 88.4
43 29.7 24.6 37.0





#3
Pyridine
Concen: 40.702 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.094 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

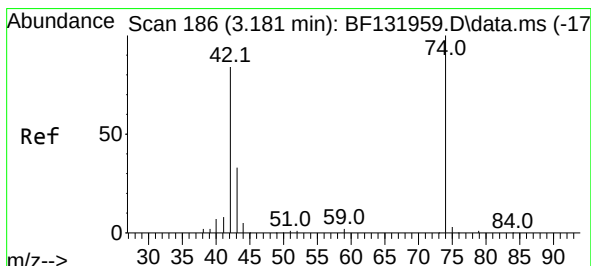
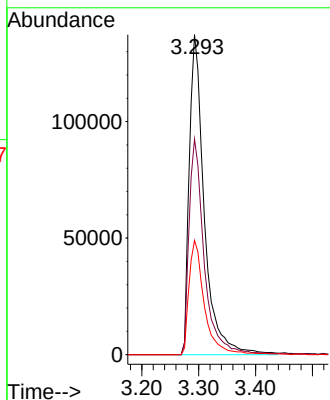
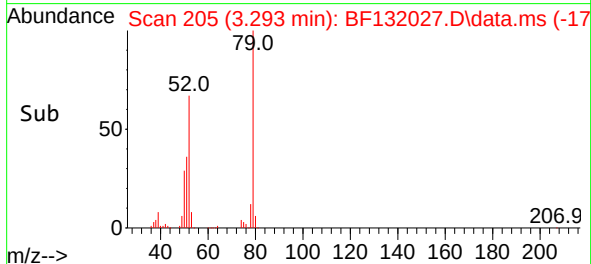
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



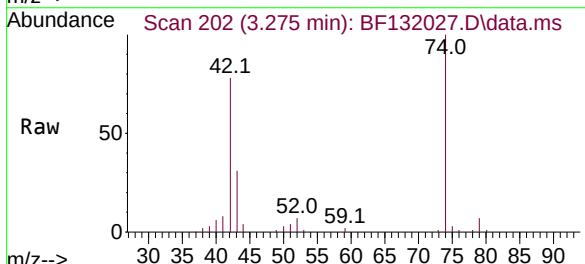
Tgt Ion: 79 Resp: 251763
Ion Ratio Lower Upper
79 100
52 67.4 53.7 80.5
51 35.7 28.6 43.0

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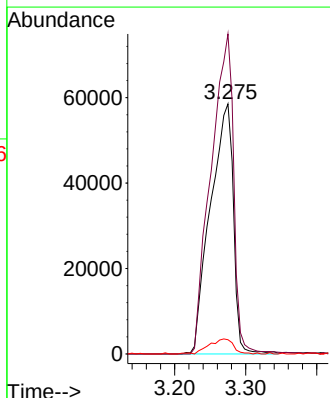
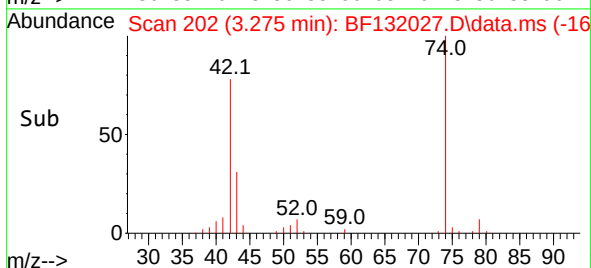
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

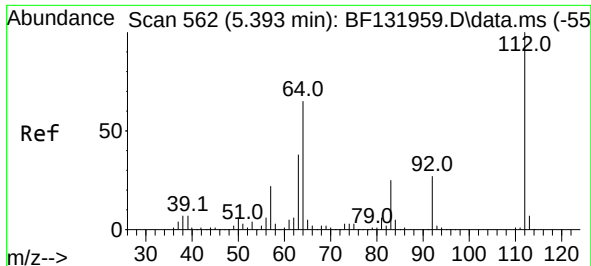


#4
n-Nitrosodimethylamine
Concen: 45.243 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.094 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion: 42 Resp: 131524
Ion Ratio Lower Upper
42 100
74 128.0 94.8 142.2
44 5.6 4.5 6.7





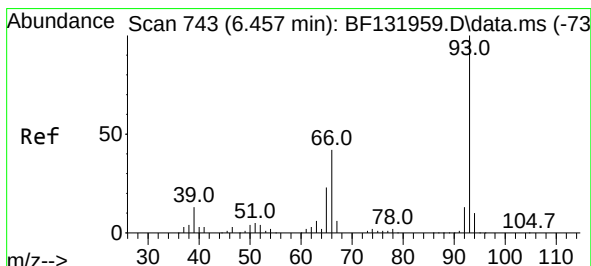
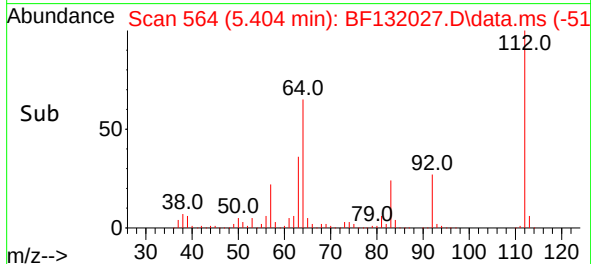
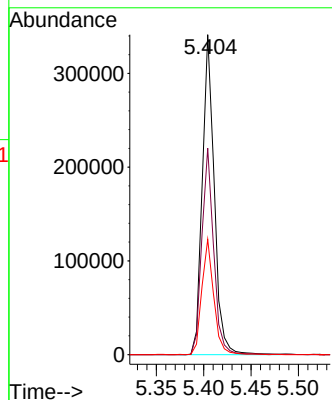
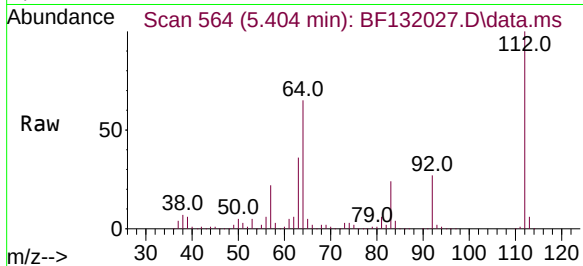
#5
2-Fluorophenol
Concen: 59.351 ng
RT: 5.404 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:112 Resp: 299505
Ion Ratio Lower Upper
112 100
64 64.5 51.9 77.9
63 36.0 30.2 45.2

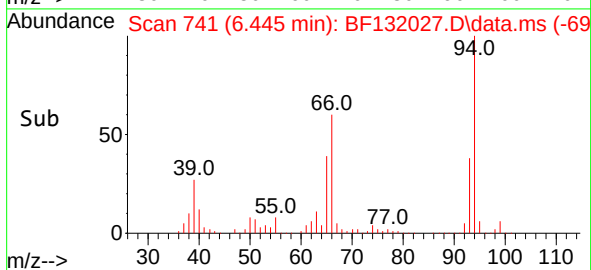
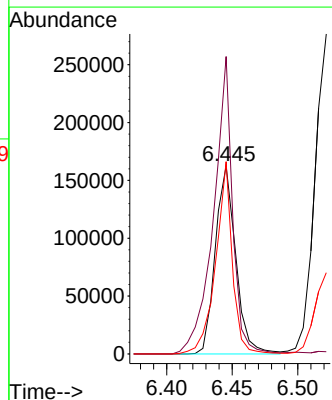
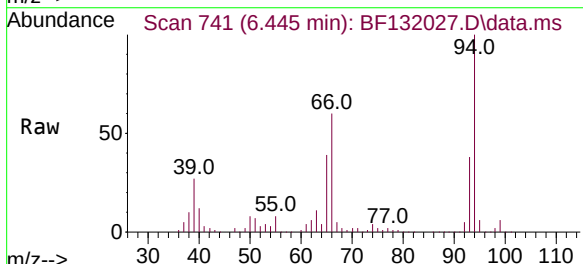
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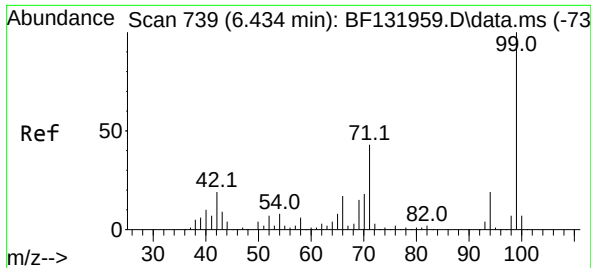
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#6
Aniline
Concen: 20.038 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

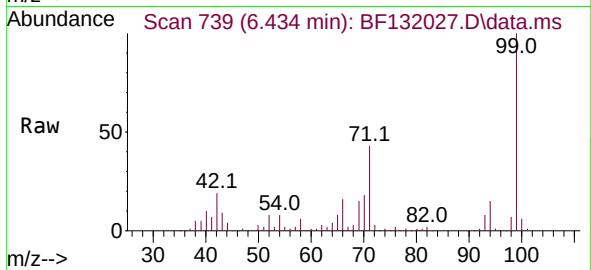
Tgt Ion: 93 Resp: 176402
Ion Ratio Lower Upper
93 100
66 158.1 34.6 51.8#
65 102.2 18.2 27.2#





#7
Phenol-d6
Concen: 102.398 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

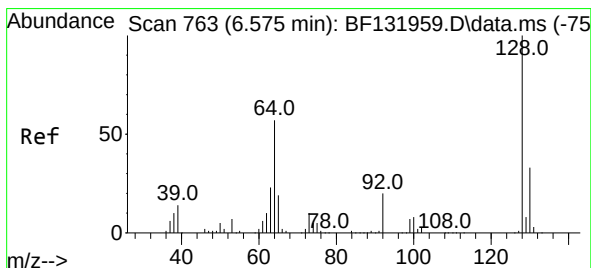
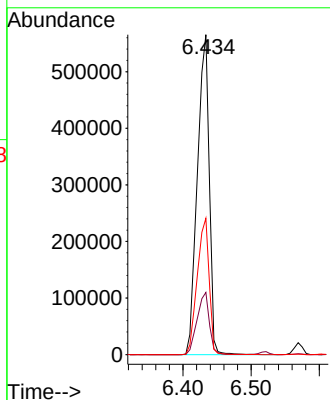
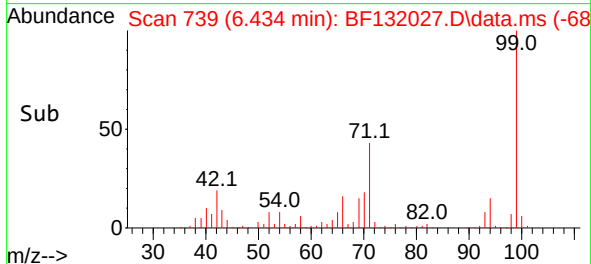
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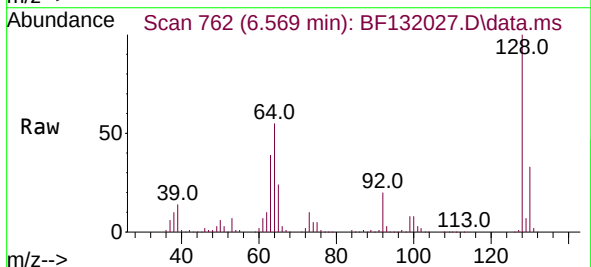
Tgt Ion: 99 Resp: 685125
Ion Ratio Lower Upper
99 100
42 19.4 15.4 23.2
71 42.6 34.6 51.8

Manual Integrations
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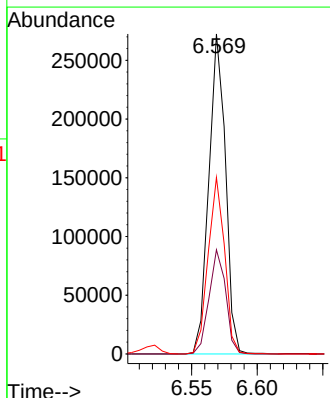
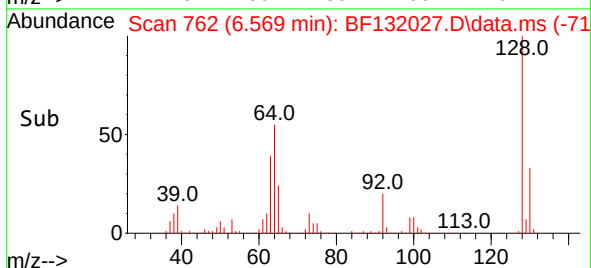
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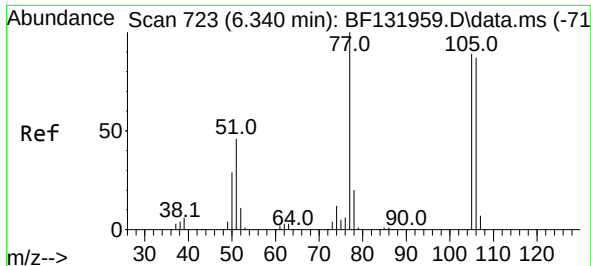


#8
2-Chlorophenol
Concen: 47.597 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion:128 Resp: 240986
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 55.1 37.6 77.6





#9

Benzaldehyde

Concen: 33.188 ng

RT: 6.334 min Scan# 723

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

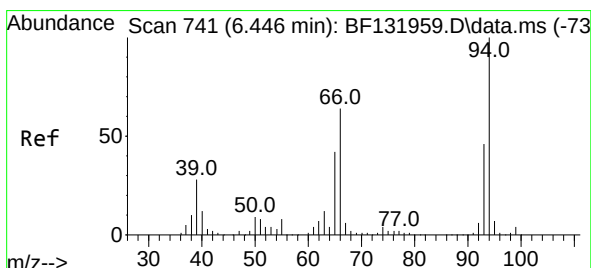
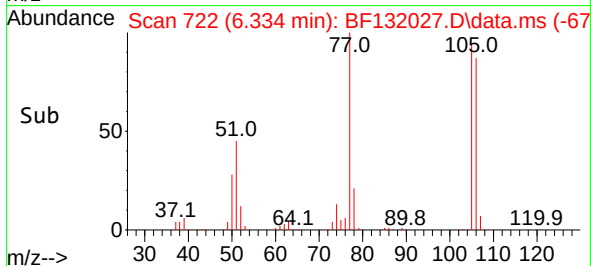
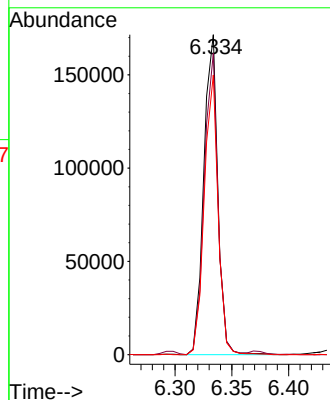
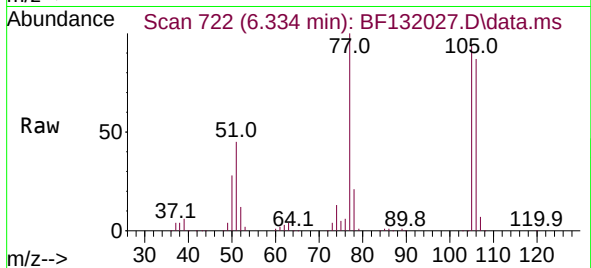
Tgt Ion: 77 Resp: 14775

Ion	Ratio	Lower	Upper
77	100		
105	94.1	69.0	109.0
106	87.4	67.0	107.0

Manual Integrations

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#10

Phenol

Concen: 44.734 ng

RT: 6.445 min Scan# 741

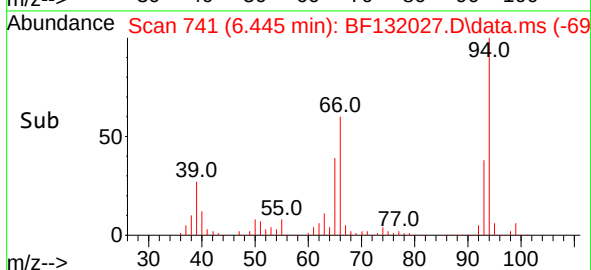
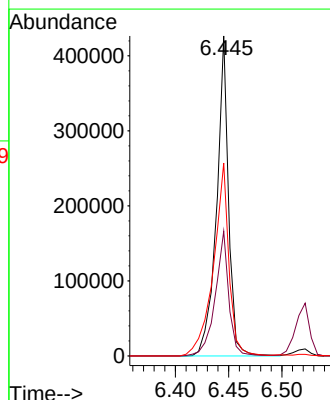
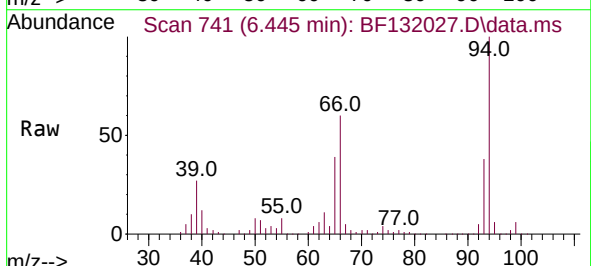
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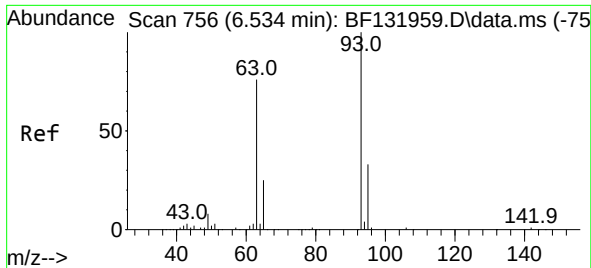
Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Tgt Ion: 94 Resp: 333893

Ion	Ratio	Lower	Upper
94	100		
65	39.0	22.2	62.2
66	60.3	44.4	84.4





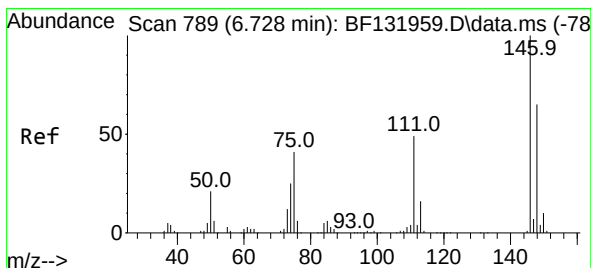
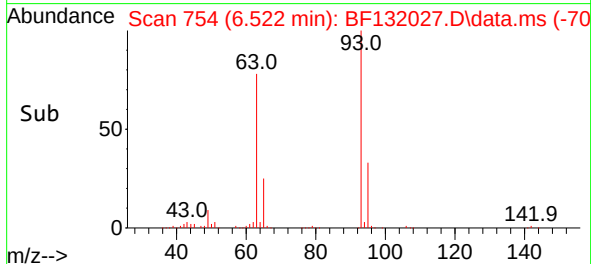
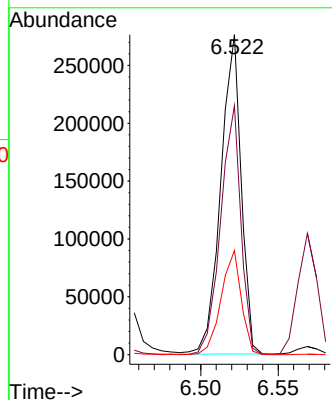
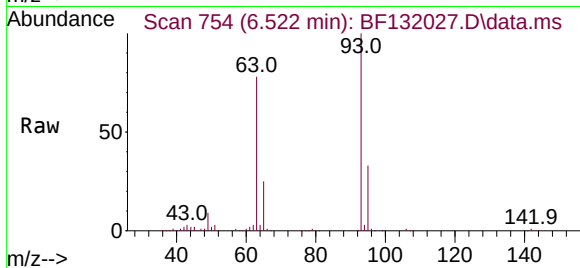
#11
bis(2-Chloroethyl)ether
Concen: 45.155 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion: 93 Resp: 254063
Ion Ratio Lower Upper
93 100
63 77.8 55.5 95.5
95 32.5 13.1 53.1

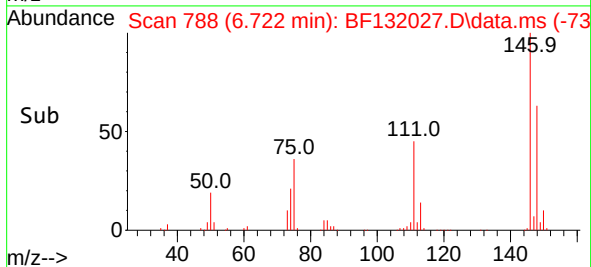
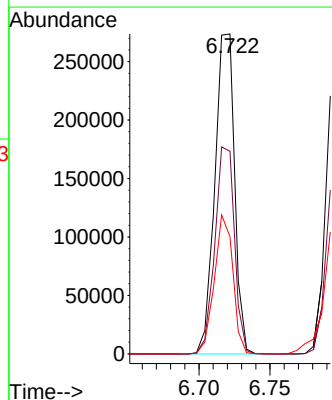
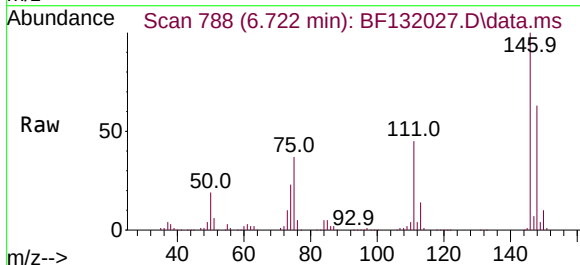
Manual Integrations
APPROVED

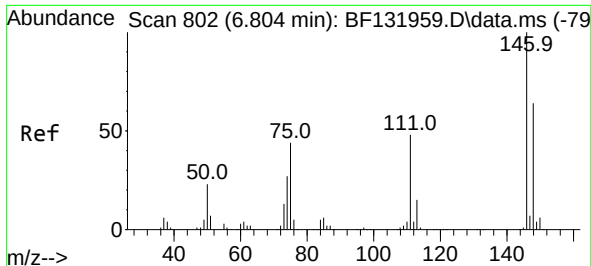
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#12
1,3-Dichlorobenzene
Concen: 47.131 ng
RT: 6.722 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:146 Resp: 265784
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
75 36.6 32.7 49.1





#13

1,4-Dichlorobenzene

Concen: 46.524 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:146 Resp: 265463

Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

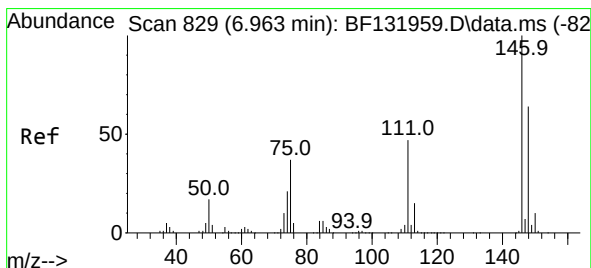
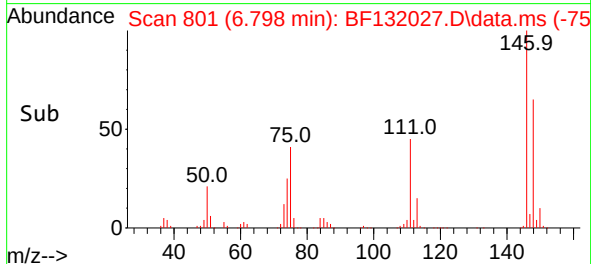
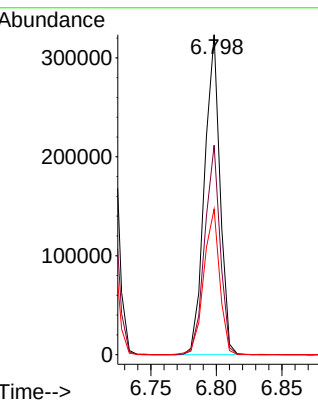
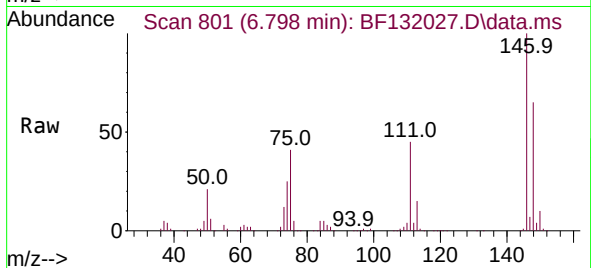
111 45.5 38.5 57.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#14

1,2-Dichlorobenzene

Concen: 46.500 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

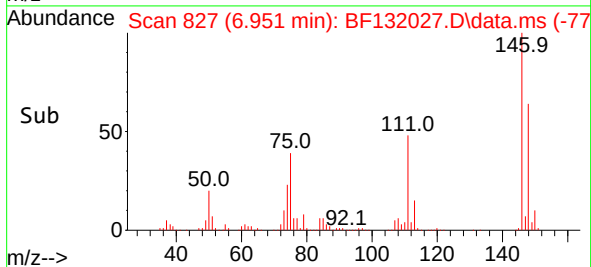
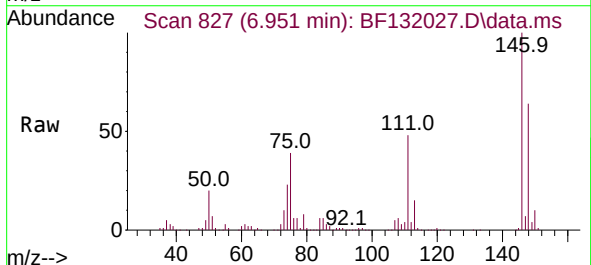
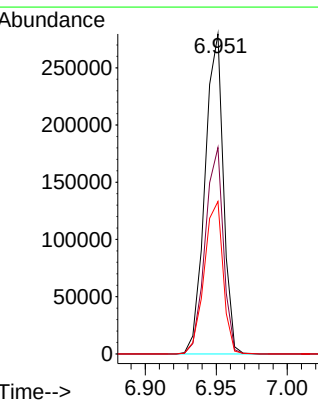
Tgt Ion:146 Resp: 251990

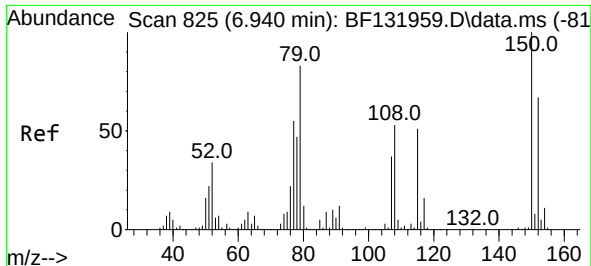
Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

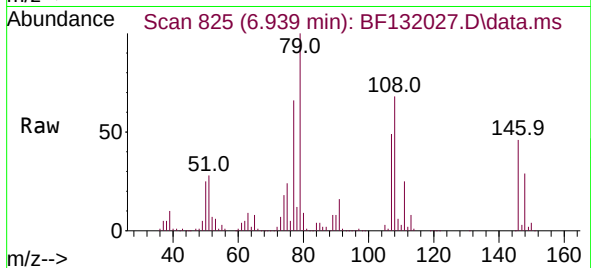
111 47.6 37.7 56.5





#15
Benzyl Alcohol
Concen: 44.944 ng
RT: 6.939 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

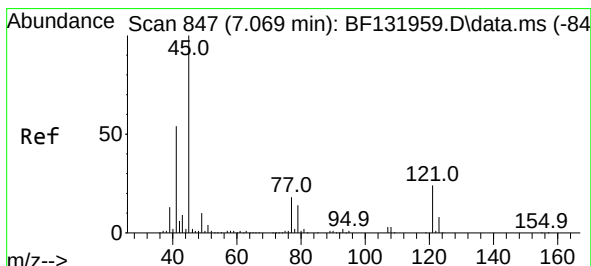
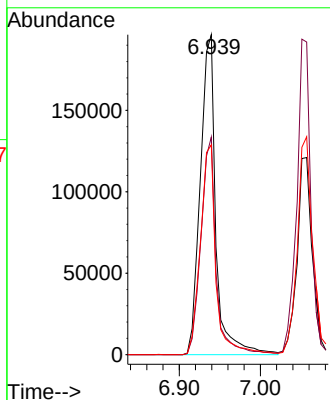
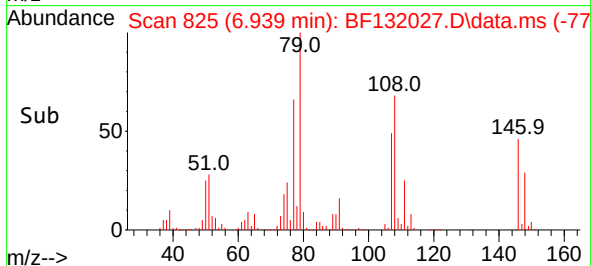
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



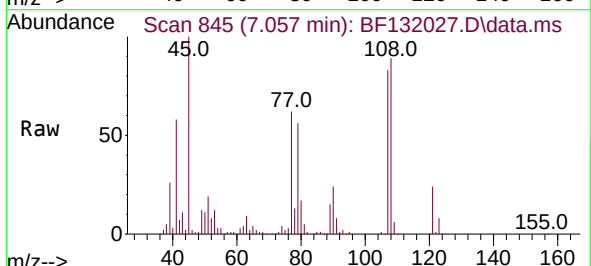
Tgt Ion: 79 Resp: 261864
Ion Ratio Lower Upper
79 100
108 68.0 51.7 77.5
77 65.6 52.9 79.3

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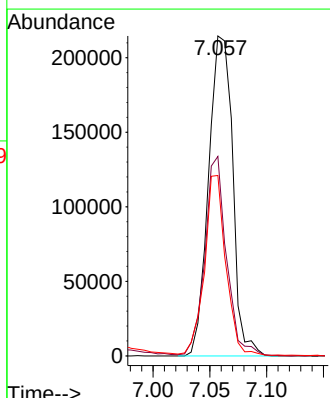
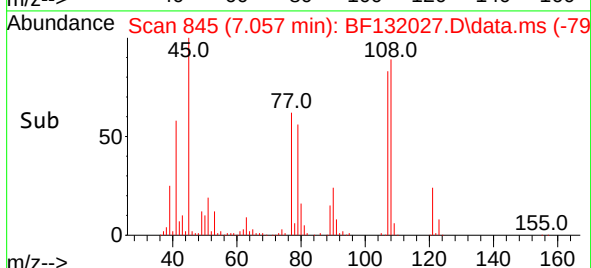
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

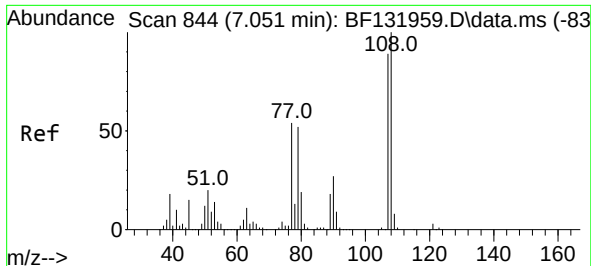


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.486 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



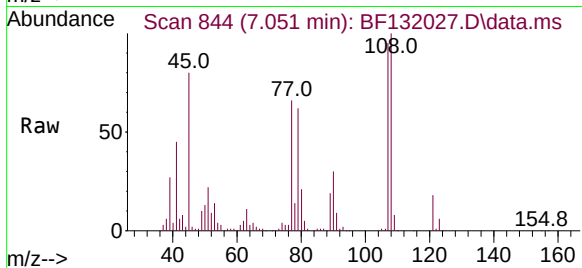
Tgt Ion: 45 Resp: 315874
Ion Ratio Lower Upper
45 100
77 62.3 0.0 38.1#
79 56.4 0.0 34.6#





#17
2-Methylphenol
Concen: 43.563 ng
RT: 7.051 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

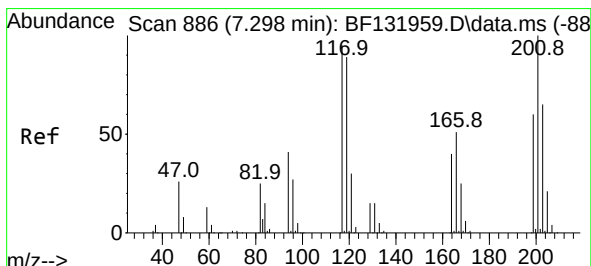
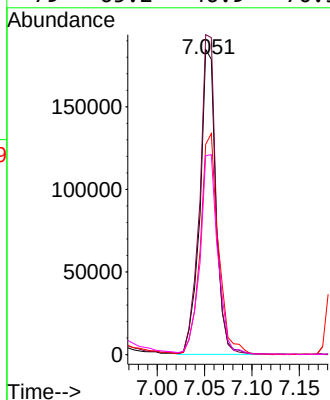
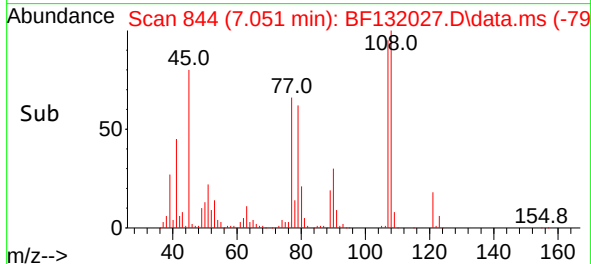
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:107 Resp: 218268
Ion Ratio Lower Upper
107 100
108 104.9 90.0 135.0
77 69.0 48.8 73.2
79 65.2 46.9 70.3

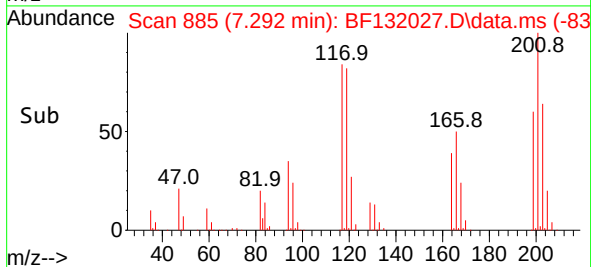
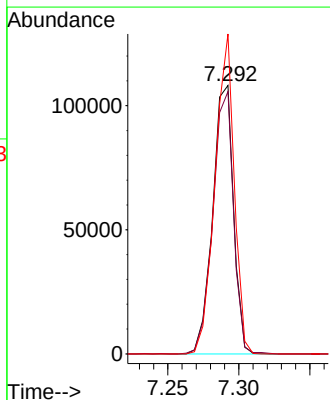
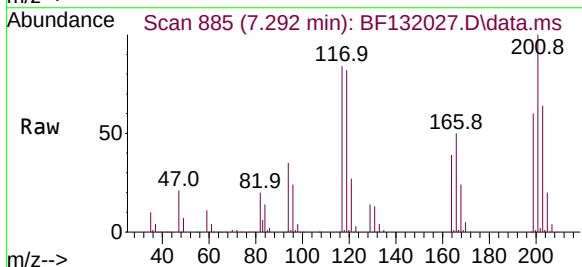
Manual Integrations
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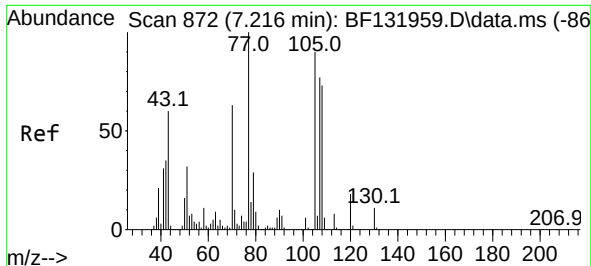
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#18
Hexachloroethane
Concen: 46.838 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:117 Resp: 110523
Ion Ratio Lower Upper
117 100
119 97.7 75.4 113.0
201 119.2 84.2 126.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.277 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF132027.D

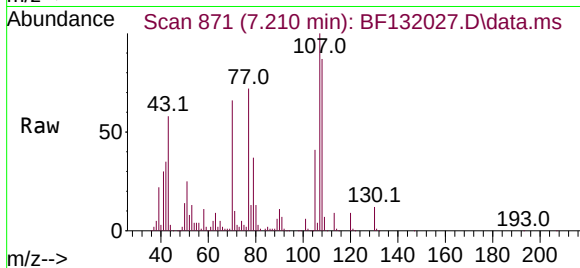
Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS



Tgt Ion: 70 Resp: 209463

Ion Ratio Lower Upper

70 100

42 52.9 44.3 66.5

101 9.7 7.5 11.3

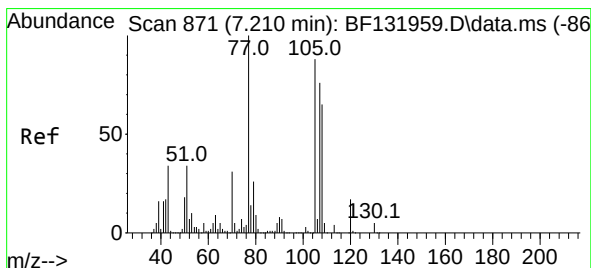
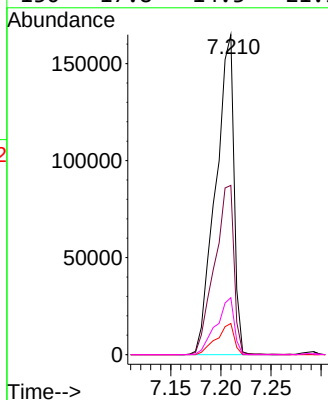
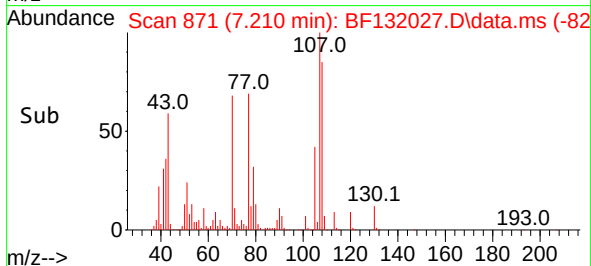
130 17.8 14.3 21.5

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: 43.444 ng

RT: 7.210 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Tgt Ion:107 Resp: 279453

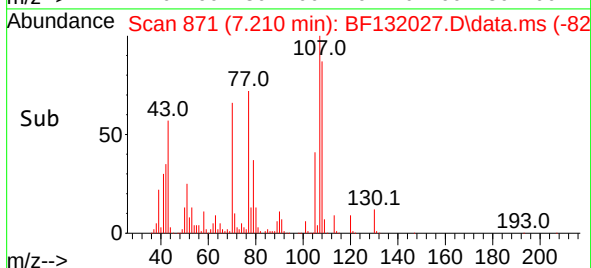
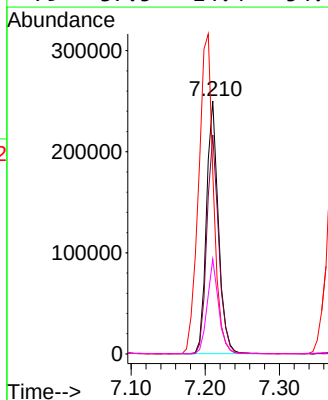
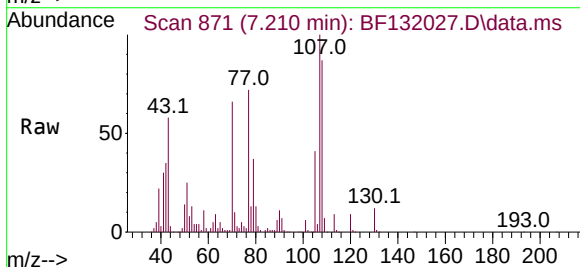
Ion Ratio Lower Upper

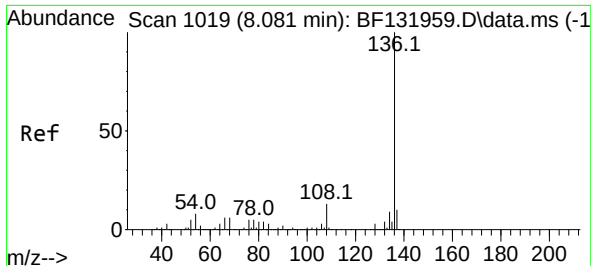
107 100

108 86.6 65.1 105.1

77 71.8 111.2 151.2#

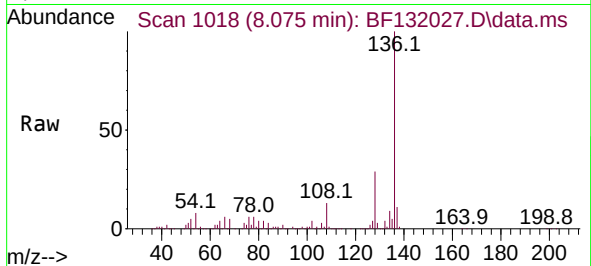
79 37.5 14.4 54.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

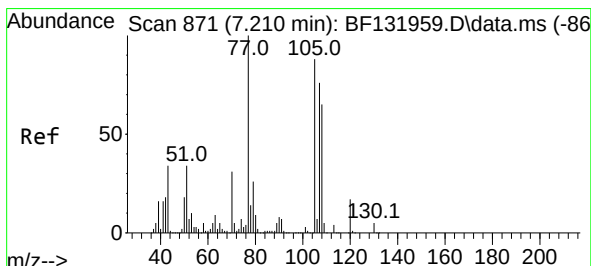
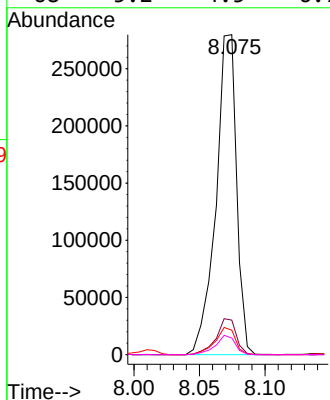
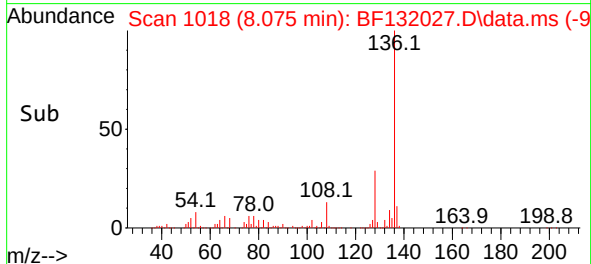
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:136 Resp: 307484
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.6 6.6 9.8
68 5.2 4.5 6.7

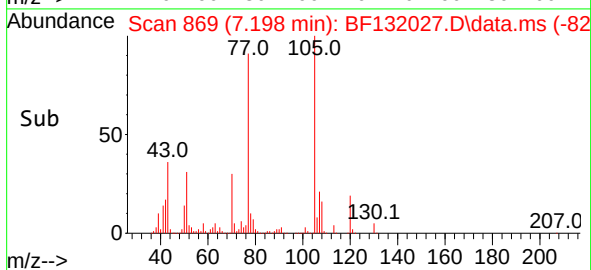
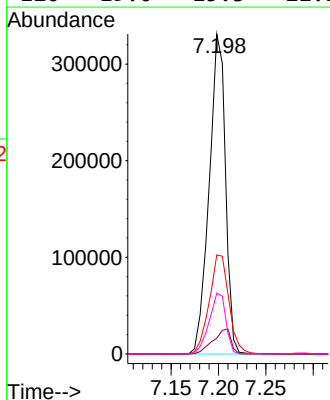
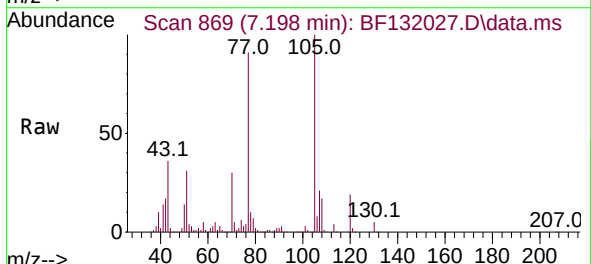
Manual Integrations
APPROVED

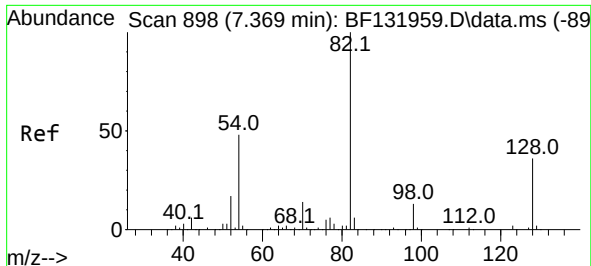
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#22
Acetophenone
Concen: 44.384 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:105 Resp: 397351
Ion Ratio Lower Upper
105 100
71 4.9 4.6 7.0
51 30.9 30.6 46.0
120 19.0 15.3 22.9





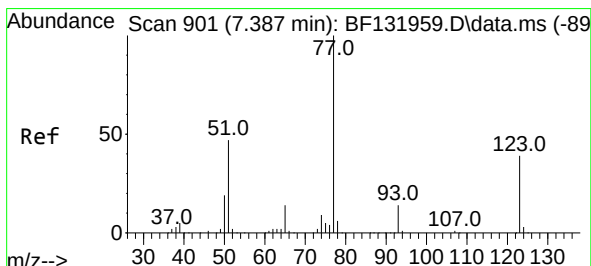
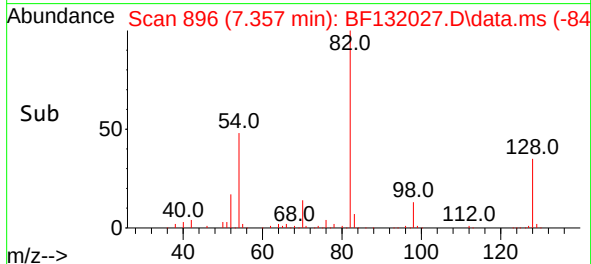
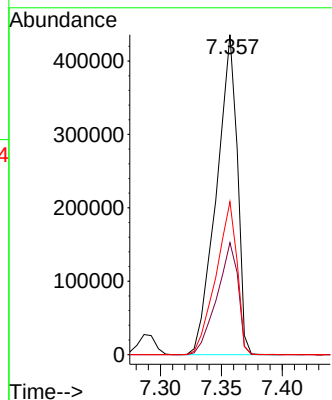
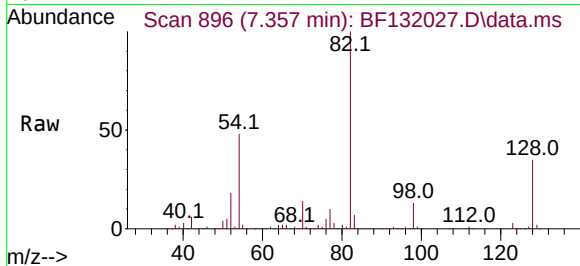
#23
Nitrobenzene-d5
Concen: 69.743 ng
RT: 7.357 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion: 82 Resp: 516704
Ion Ratio Lower Upper
82 100
128 35.0 28.7 43.1
54 47.8 38.1 57.1

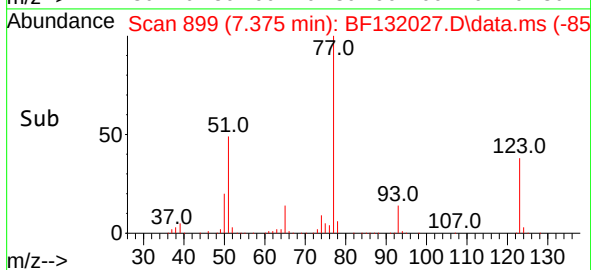
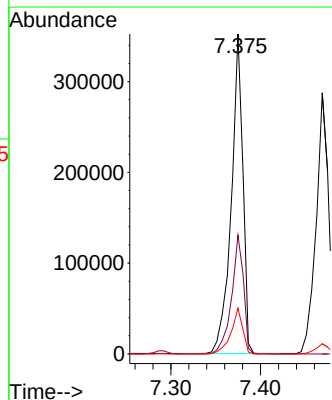
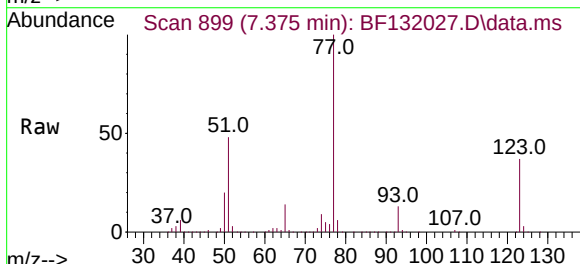
Manual Integrations
APPROVED

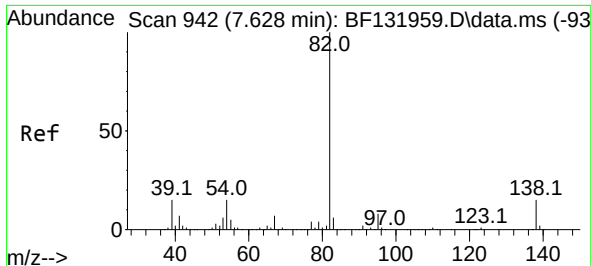
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#24
Nitrobenzene
Concen: 42.288 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

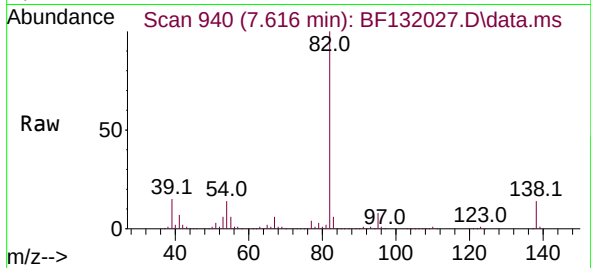
Tgt Ion: 77 Resp: 318947
Ion Ratio Lower Upper
77 100
123 37.1 30.9 46.3
65 14.3 10.8 16.2





#25
Isophorone
Concen: 41.757 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

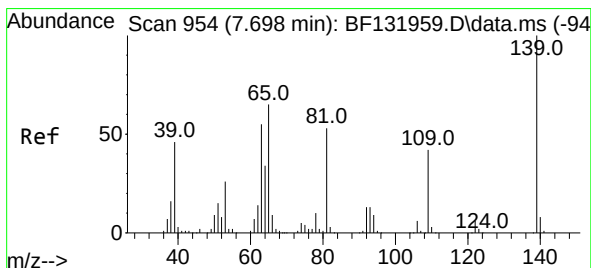
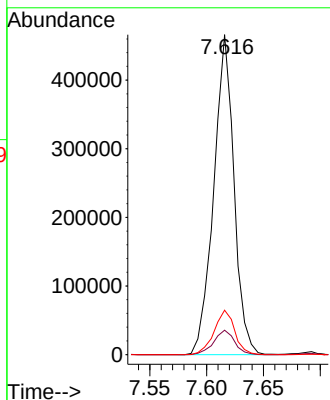
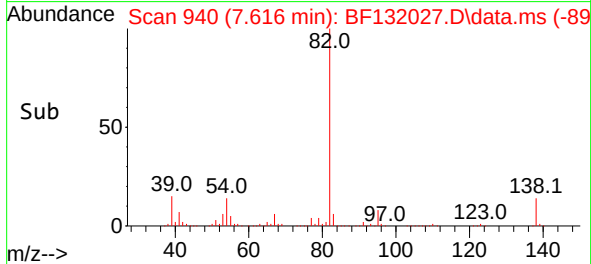
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



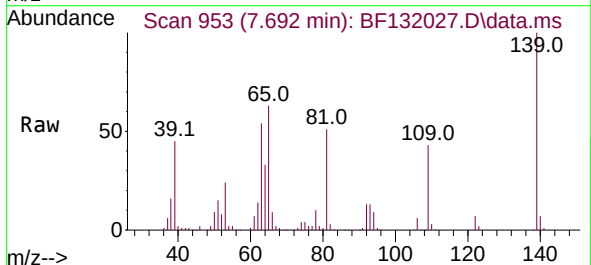
Tgt Ion: 82 Resp: 577929
Ion Ratio Lower Upper
82 100
95 7.6 6.5 9.7
138 13.9 11.9 17.9

Manual Integrations
APPROVED

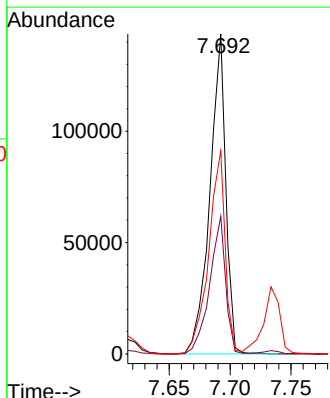
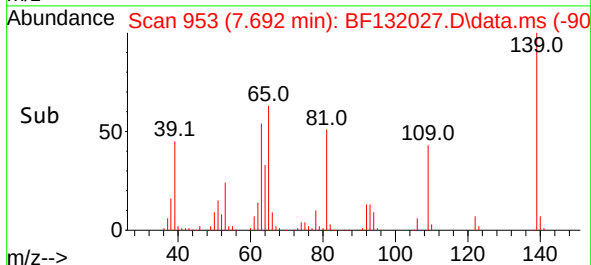
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

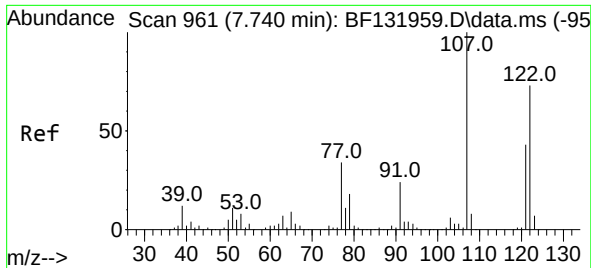


#26
2-Nitrophenol
Concen: 44.031 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion:139 Resp: 130670
Ion Ratio Lower Upper
139 100
109 43.0 33.9 50.9
65 63.4 51.6 77.4





#27

2,4-Dimethylphenol

Concen: 44.531 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:122 Resp: 220588

Ion Ratio Lower Upper

122 100

107 135.6 109.4 164.0

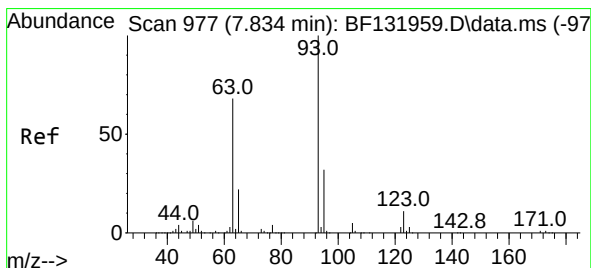
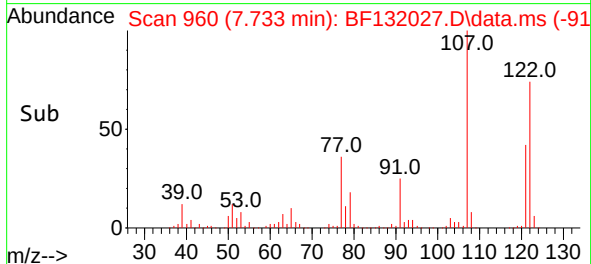
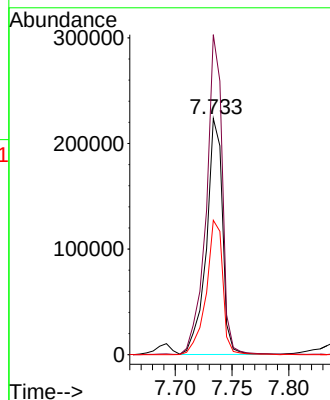
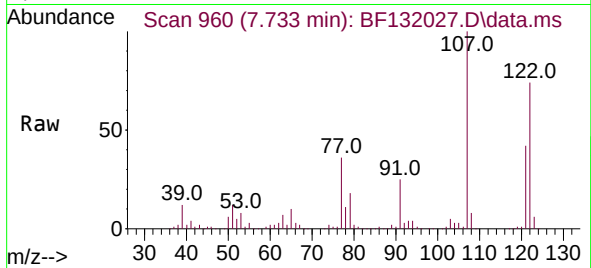
121 56.9 47.2 70.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 42.554 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

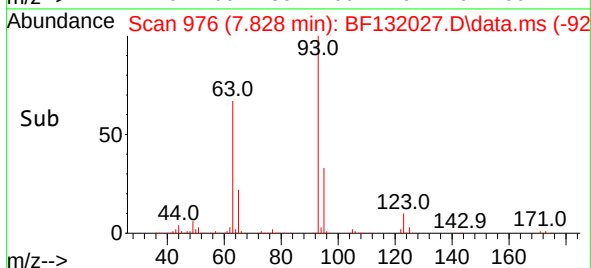
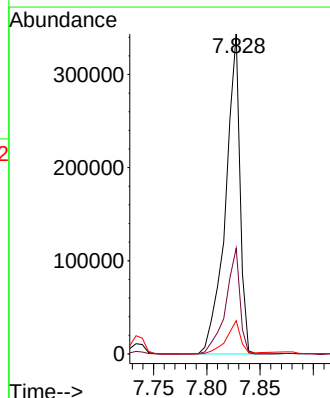
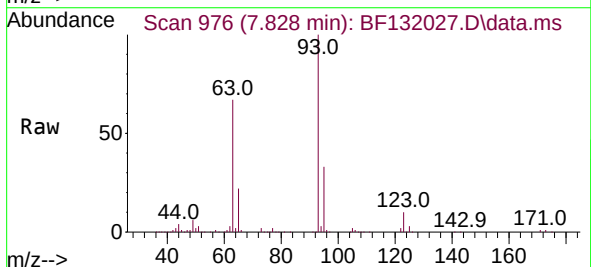
Tgt Ion: 93 Resp: 325965

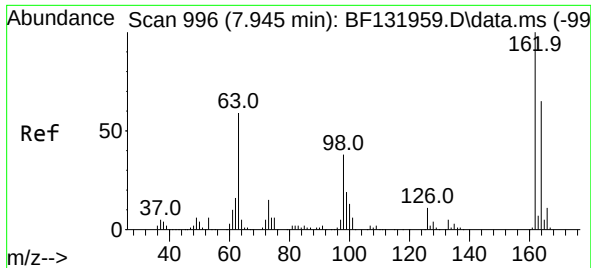
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 44.029 ng

RT: 7.939 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:162 Resp: 223400

Ion Ratio Lower Upper

162 100

164 65.0 45.2 85.2

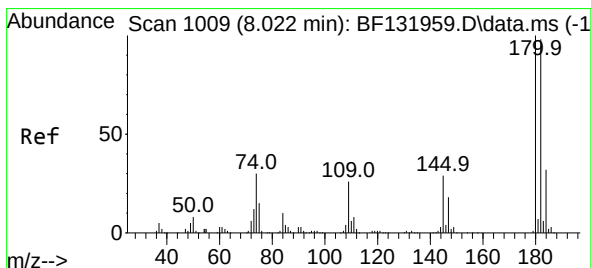
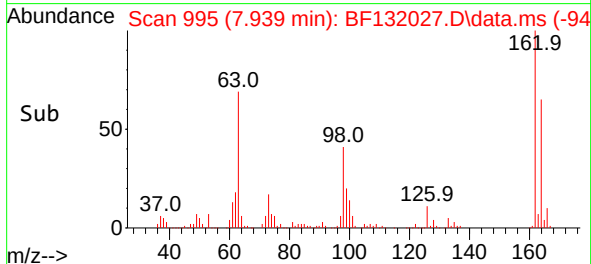
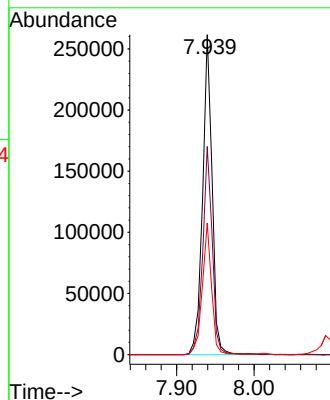
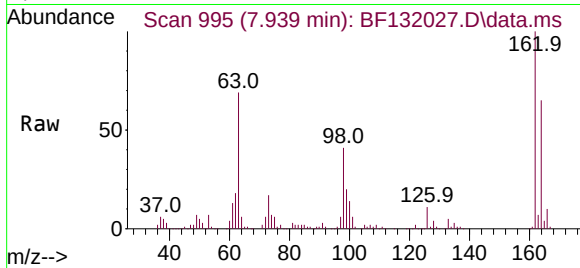
98 41.2 17.5 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 44.874 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

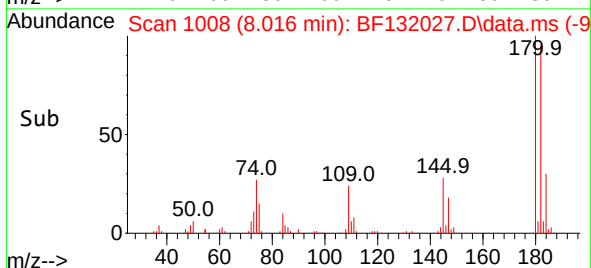
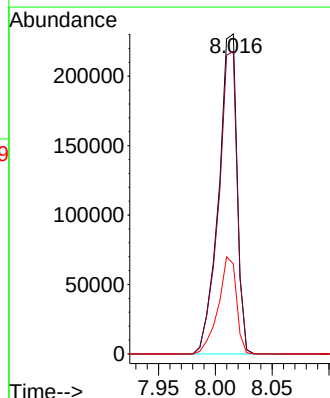
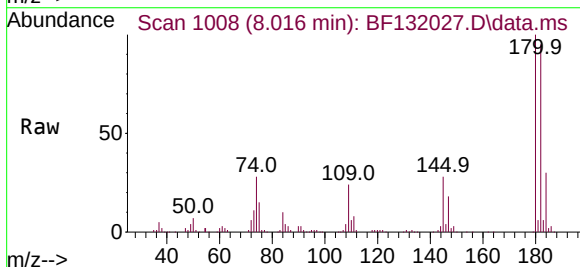
Tgt Ion:180 Resp: 260761

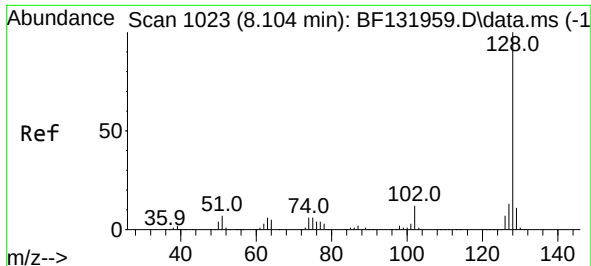
Ion Ratio Lower Upper

180 100

182 94.5 78.4 117.6

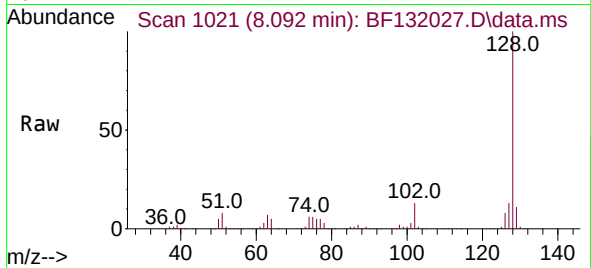
145 28.1 23.2 34.8





#31
Naphthalene
Concen: 43.619 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

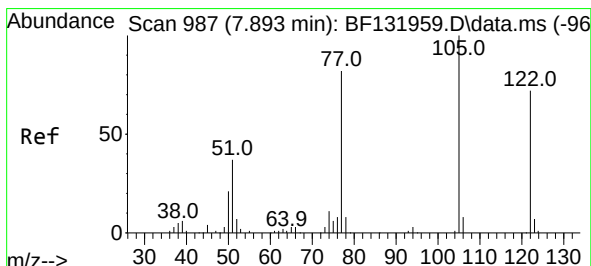
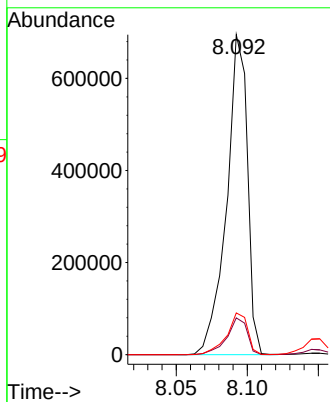
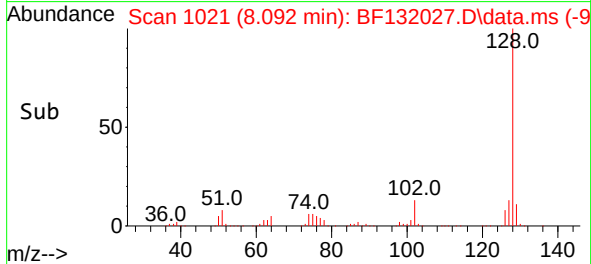
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:128 Resp: 708800
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.0 10.5 15.7

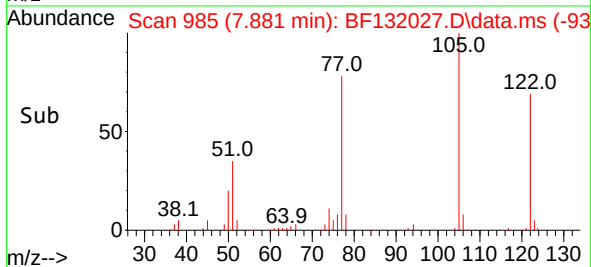
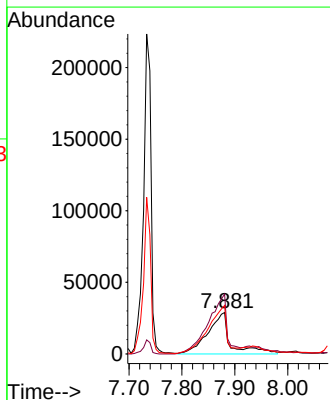
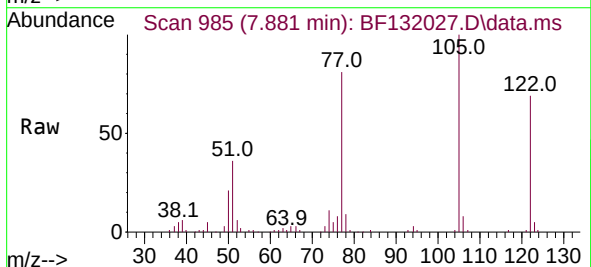
Manual Integrations
APPROVED

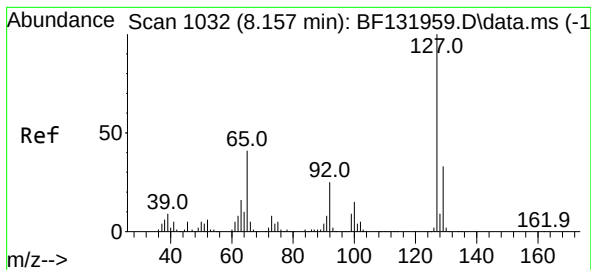
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#32
Benzoic acid
Concen: 29.976 ng m
RT: 7.881 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:122 Resp: 86086
Ion Ratio Lower Upper
122 100
105 144.5 116.3 156.3
77 117.0 92.7 132.7





#33

4-Chloroaniline

Concen: 8.112 ng

RT: 8.151 min Scan# 1032

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:127 Resp: 54398

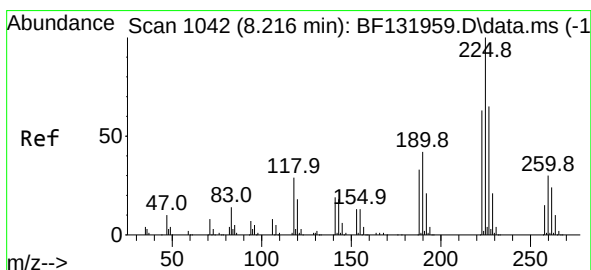
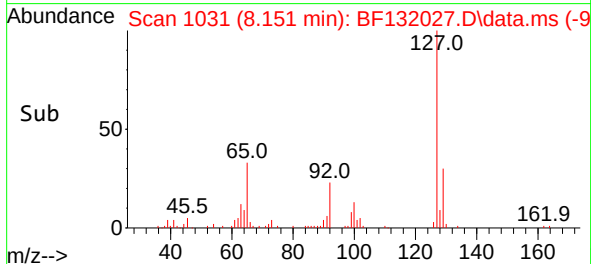
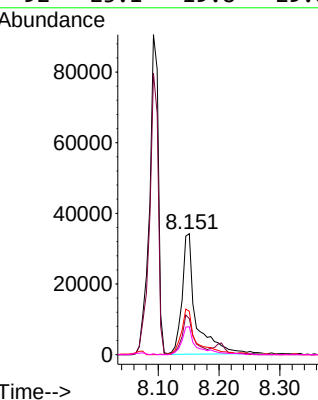
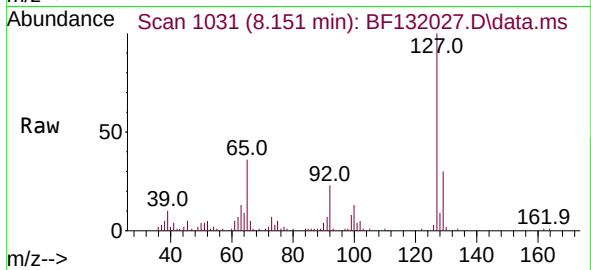
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.5	39.7
65	35.9	33.1	49.7
92	23.1	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#34

Hexachlorobutadiene

Concen: 44.269 ng

RT: 8.204 min Scan# 1040

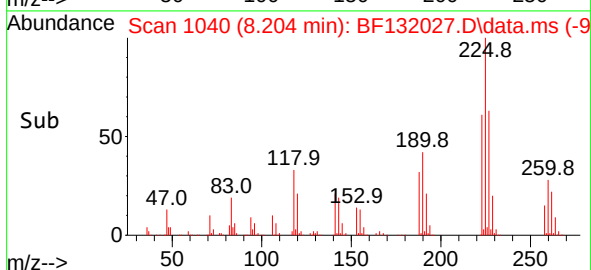
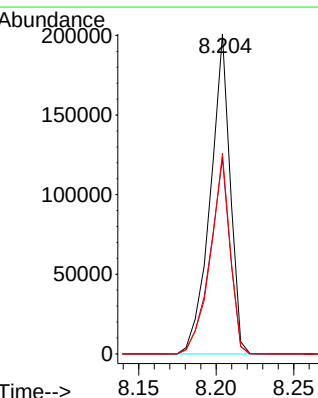
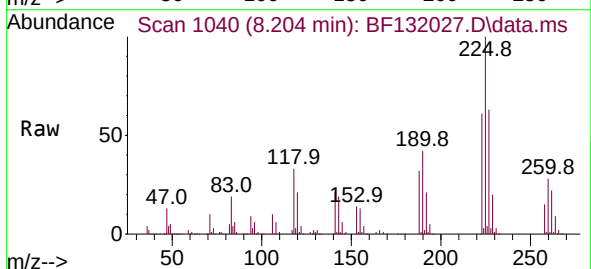
Delta R.T. -0.012 min

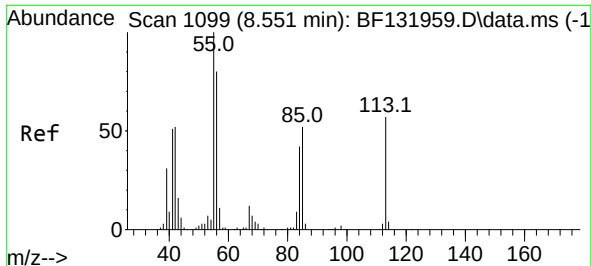
Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Tgt Ion:225 Resp: 178351

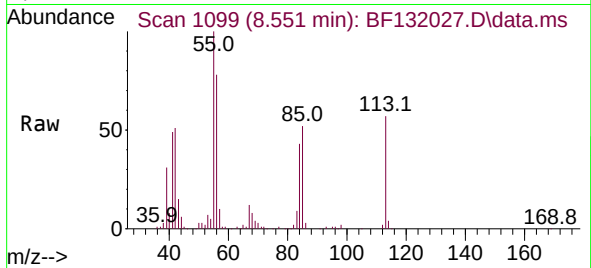
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.6	75.8
227	62.7	51.6	77.4





#35
Caprolactam
Concen: 39.714 ng m
RT: 8.551 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

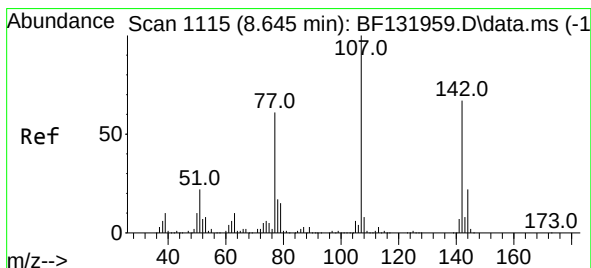
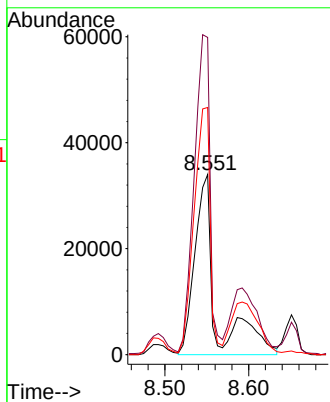
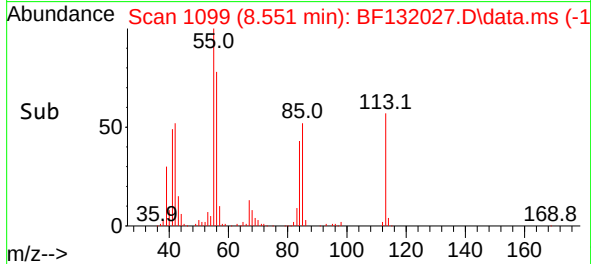
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:113 Resp: 59182
Ion Ratio Lower Upper
113 100
55 176.1 154.4 194.4
56 137.2 119.6 159.6

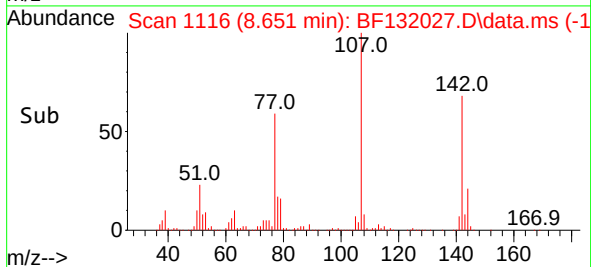
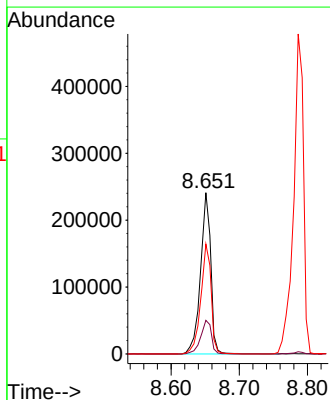
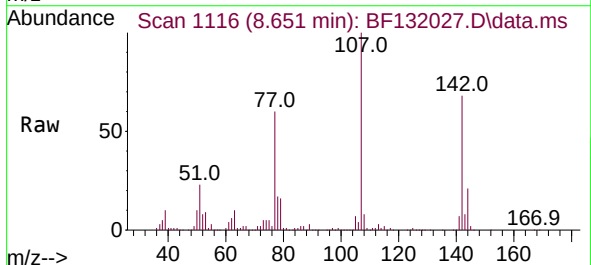
Manual Integrations
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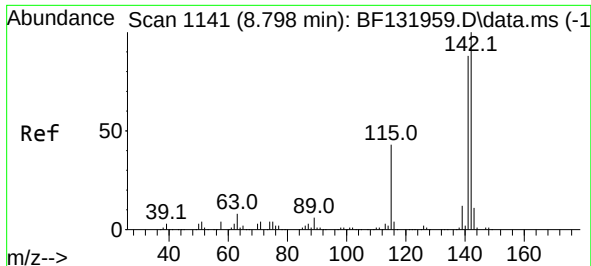
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#36
4-Chloro-3-methylphenol
Concen: 42.320 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:107 Resp: 252018
Ion Ratio Lower Upper
107 100
144 20.8 17.4 26.2
142 68.1 53.7 80.5





#37

2-Methylnaphthalene

Concen: 41.379 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.012 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:142 Resp: 482917

Ion Ratio Lower Upper

142 100

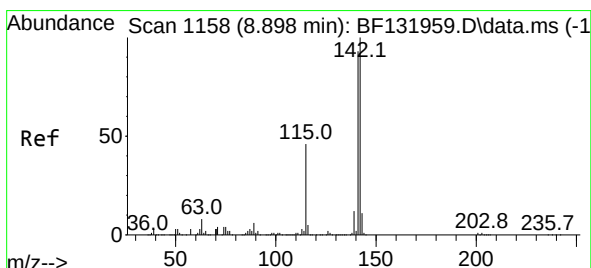
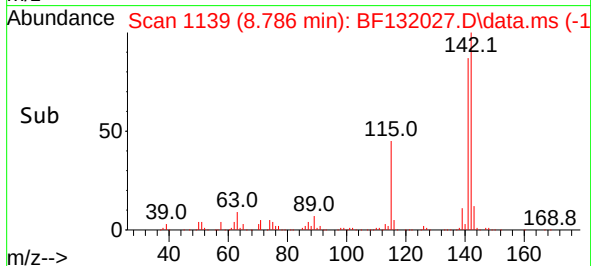
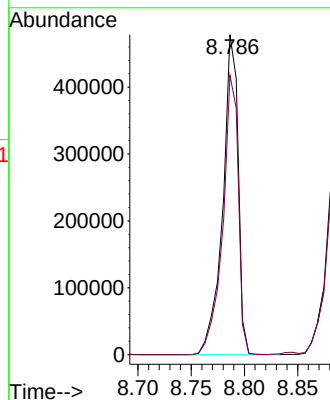
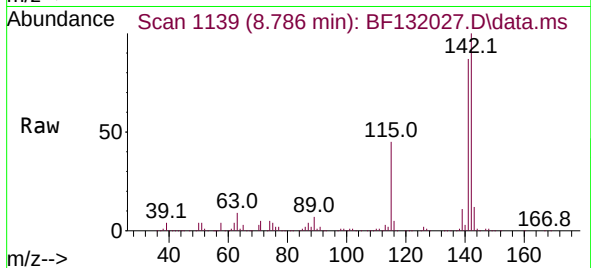
141 87.3 70.6 106.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#38

1-Methylnaphthalene

Concen: 41.294 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF132027.D

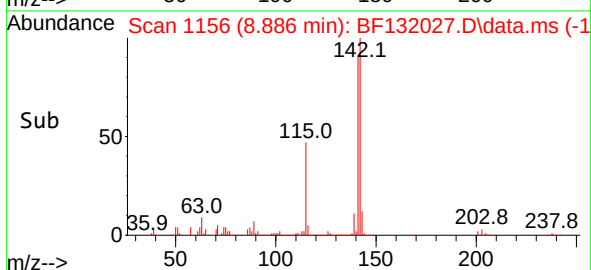
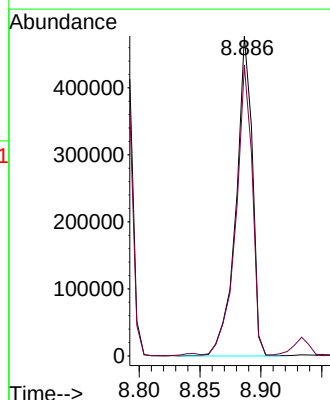
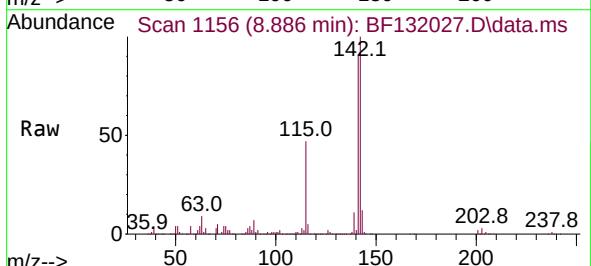
Acq: 11 Jan 2023 17:24

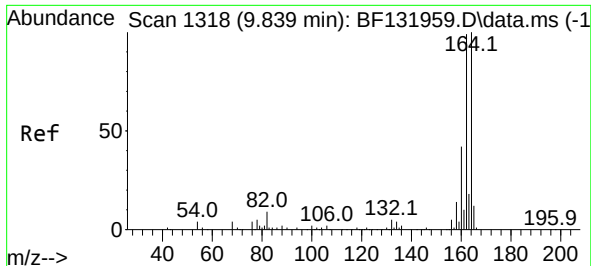
Tgt Ion:142 Resp: 446494

Ion Ratio Lower Upper

142 100

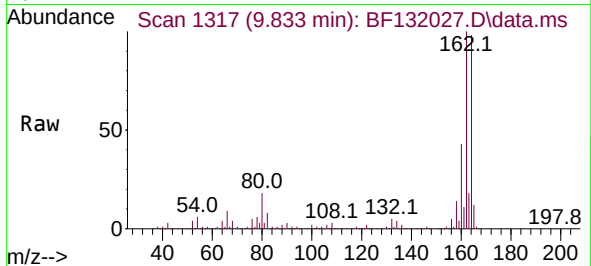
141 90.8 74.3 111.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

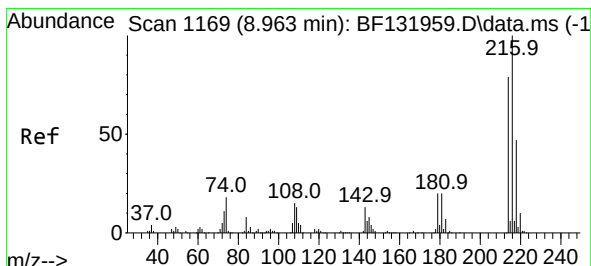
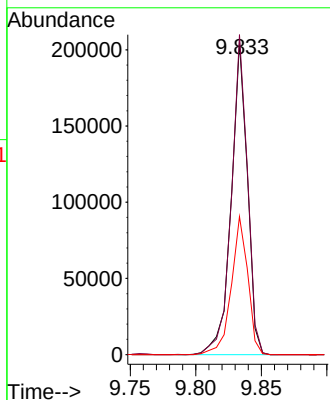
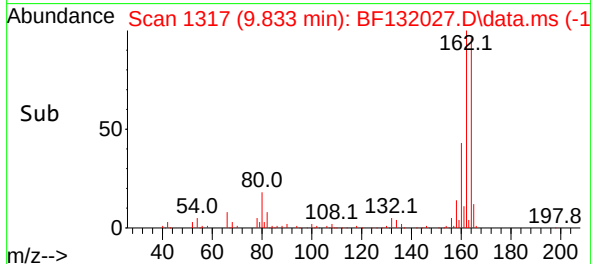
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



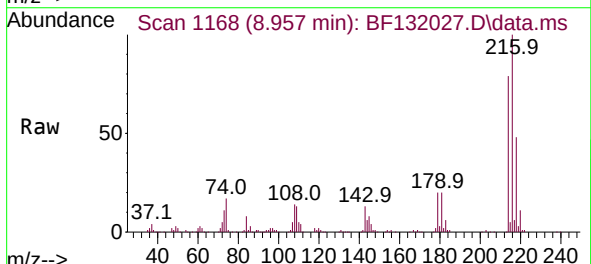
Tgt Ion:164 Resp: 176486
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.0
160 44.1 33.9 50.9

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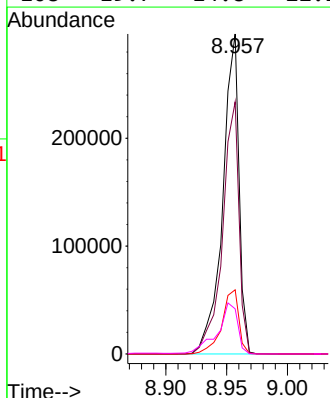
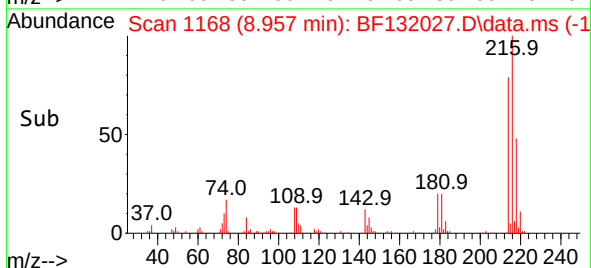
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

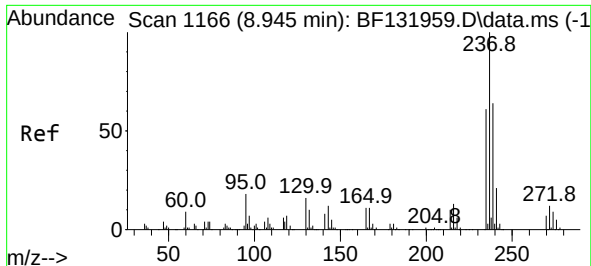


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.579 ng
RT: 8.957 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



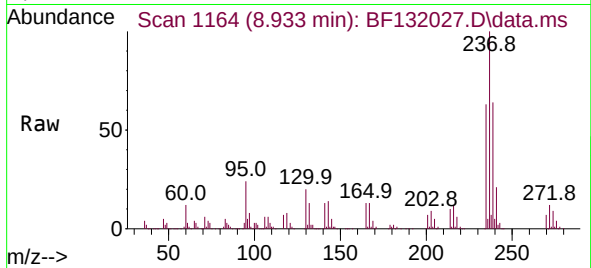
Tgt Ion:216 Resp: 277238
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 20.8 16.4 24.6
108 19.7 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 69.020 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

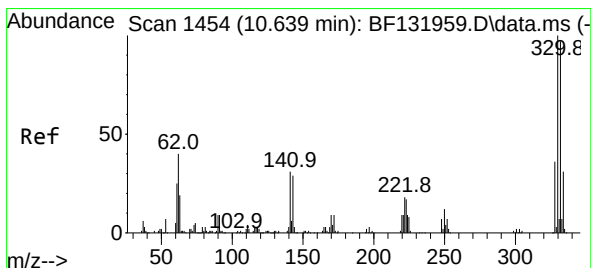
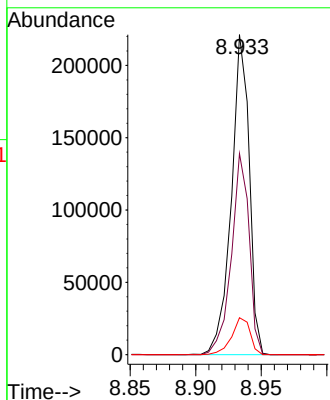
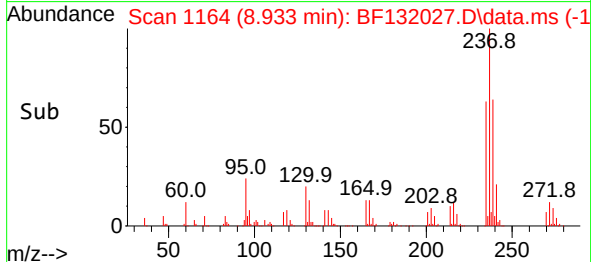
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



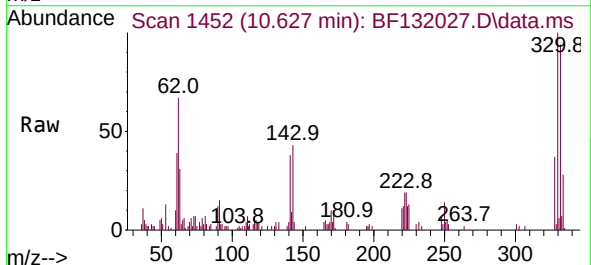
Tgt Ion: 237 Resp: 209452
Ion Ratio Lower Upper
237 100
235 62.8 41.2 81.2
272 11.5 0.0 31.7

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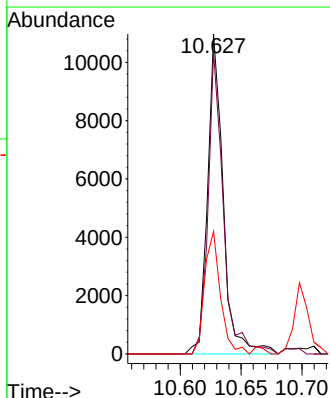
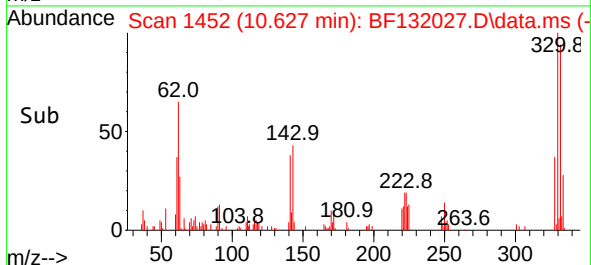
Reviewed By : Christian Giraldo 01/12/2023
Supervised By : Jagrut Upadhyay 01/12/2023

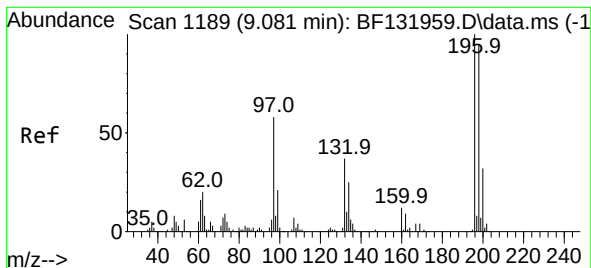


#42
2,4,6-Tribromophenol
Concen: 4.820 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion: 330 Resp: 9781
Ion Ratio Lower Upper
330 100
332 92.2 76.9 115.3
141 0.0 31.3 46.9#





#43

2,4,6-Trichlorophenol

Concen: 44.398 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

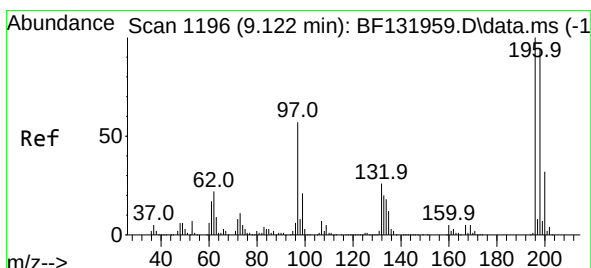
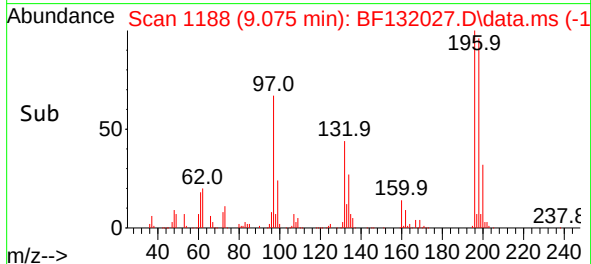
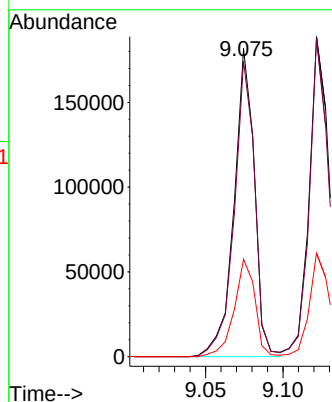
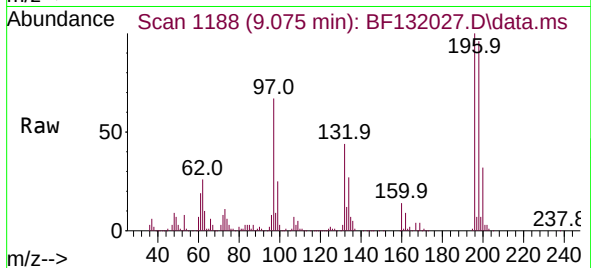
H-5-MIDDLE(4-8)MS

Tgt Ion:196 Resp: 166196
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.3 114.5
 200 31.6 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: 39.855 ng

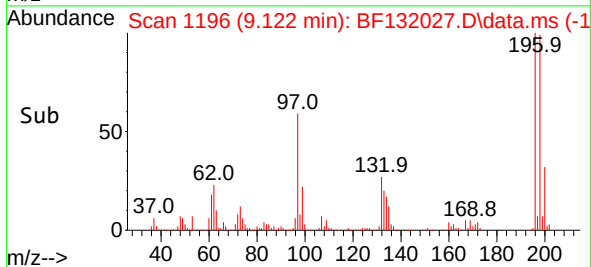
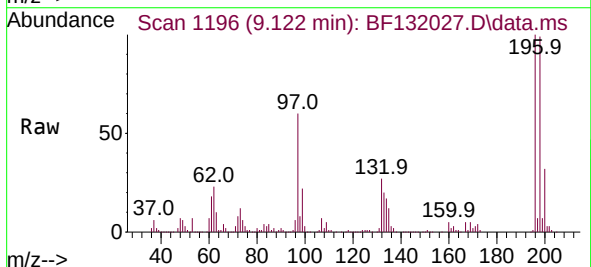
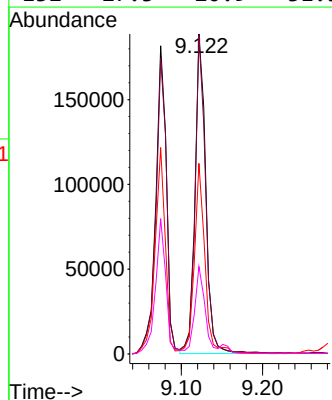
RT: 9.122 min Scan# 1196

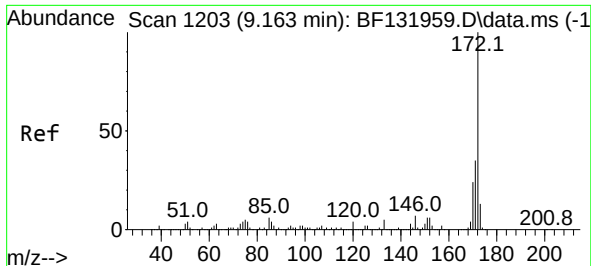
Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

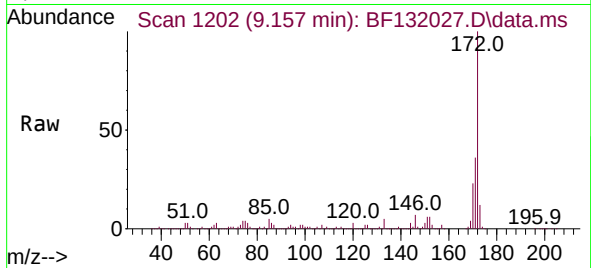
Tgt Ion:196 Resp: 173686
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.3 112.9
 97 59.5 45.6 68.4
 132 27.3 20.9 31.3





#45
2-Fluorobiphenyl
Concen: 72.485 ng
RT: 9.157 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

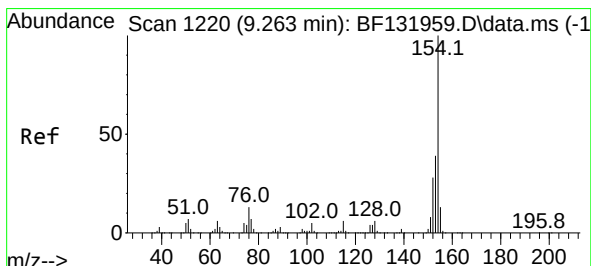
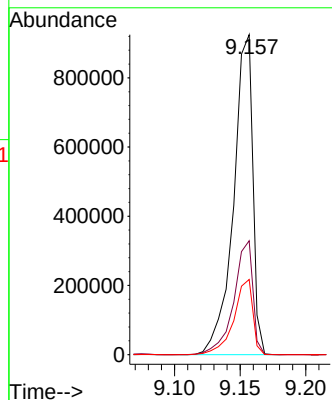
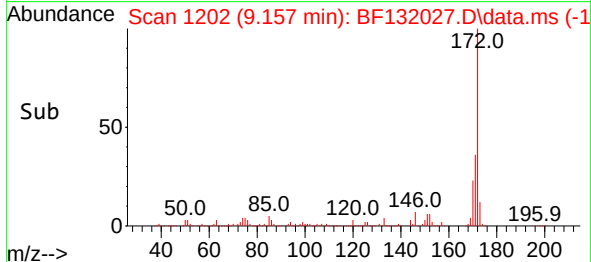
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:172 Resp: 947620
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 23.5 18.9 28.3

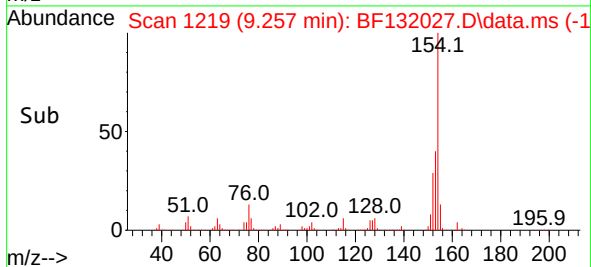
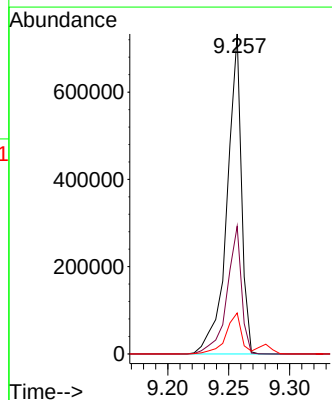
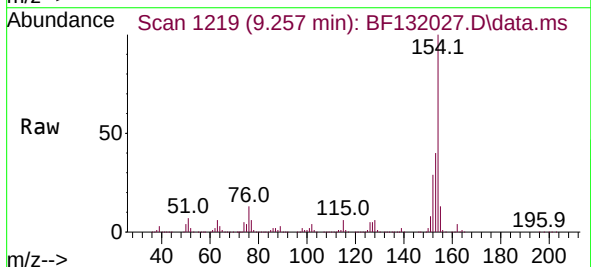
Manual Integrations
APPROVED

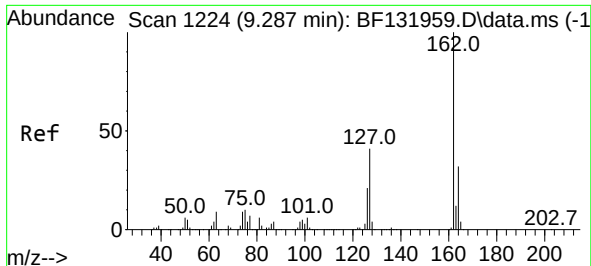
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#46
1,1'-Biphenyl
Concen: 44.302 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:154 Resp: 603482
Ion Ratio Lower Upper
154 100
153 39.9 18.9 58.9
76 12.8 0.0 33.2





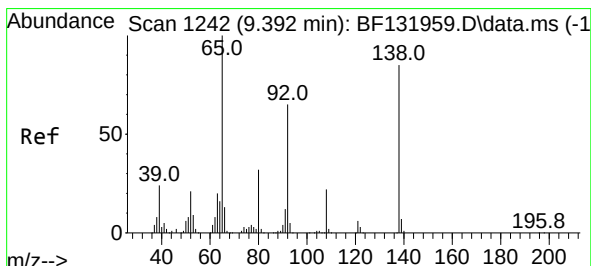
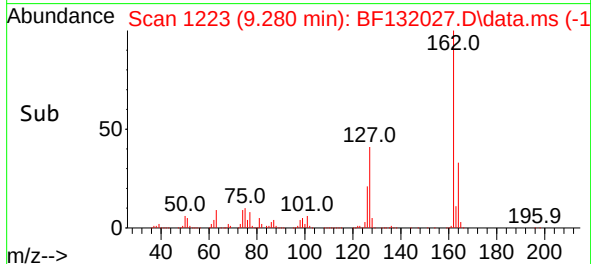
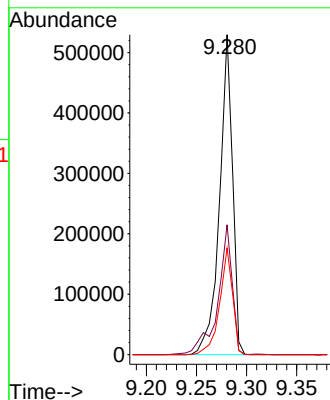
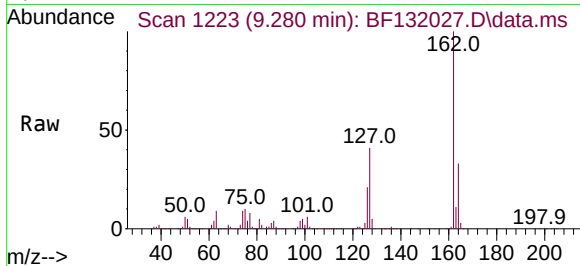
#47
2-Chloronaphthalene
Concen: 45.378 ng
RT: 9.280 min Scan# 1224
Delta R.T. -0.007 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:162 Resp: 479764
Ion Ratio Lower Upper
162 100
127 40.6 33.0 49.4
164 33.3 25.8 38.8

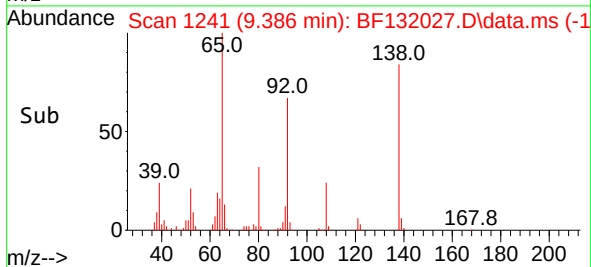
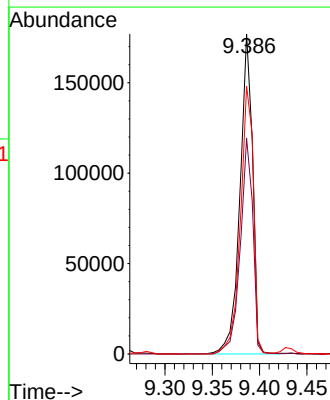
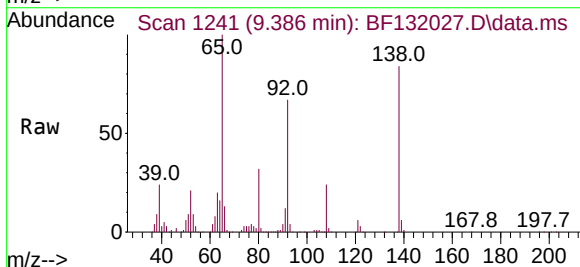
Manual Integrations
APPROVED

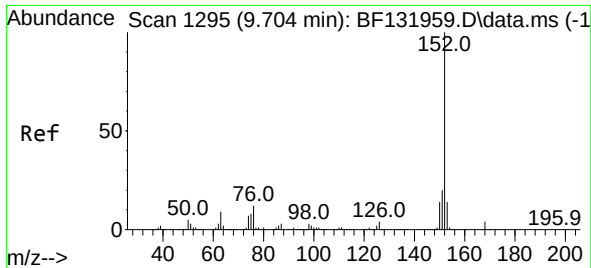
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#48
2-Nitroaniline
Concen: 42.813 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

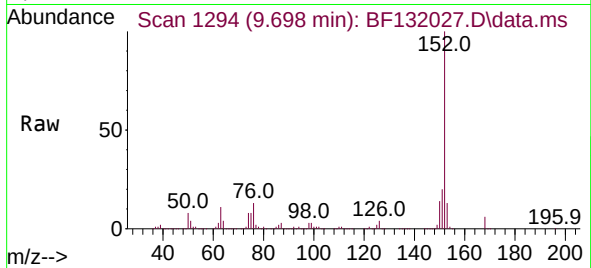
Tgt Ion: 65 Resp: 164406
Ion Ratio Lower Upper
65 100
92 67.4 52.2 78.2
138 83.6 67.8 101.8





#49
Acenaphthylene
Concen: 43.241 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

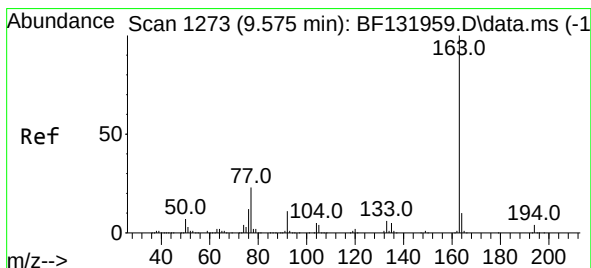
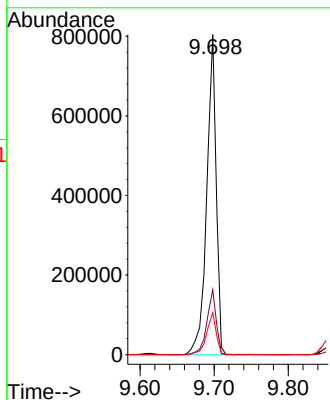
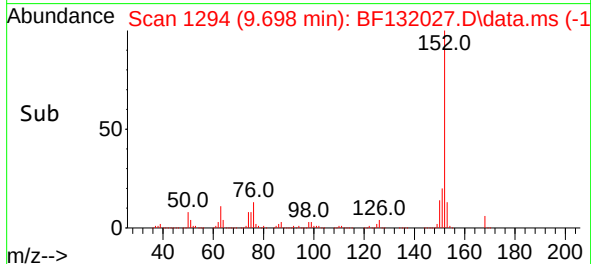
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



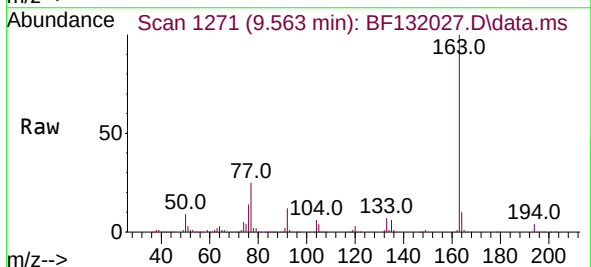
Tgt Ion:152 Resp: 709435
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.1 10.8 16.2

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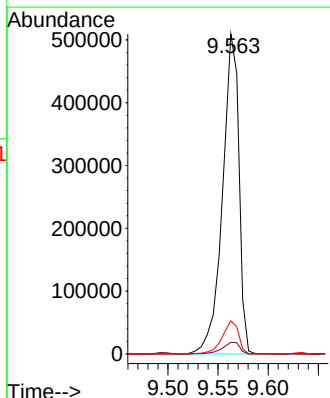
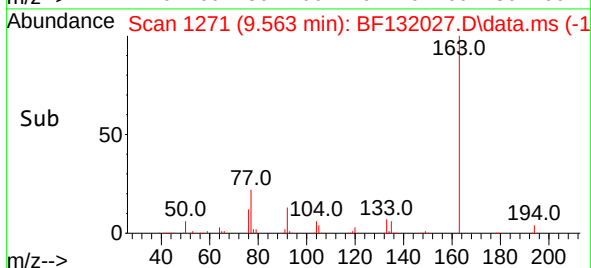
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

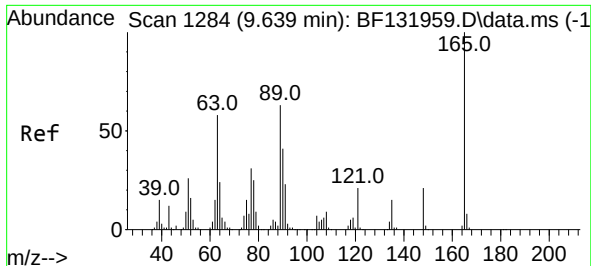


#50
Dimethylphthalate
Concen: 42.290 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion:163 Resp: 581774
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.3 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 43.099 ng

RT: 9.633 min Scan# 1283

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:165 Resp: 124703

Ion Ratio Lower Upper

165 100

63 62.2 47.4 71.0

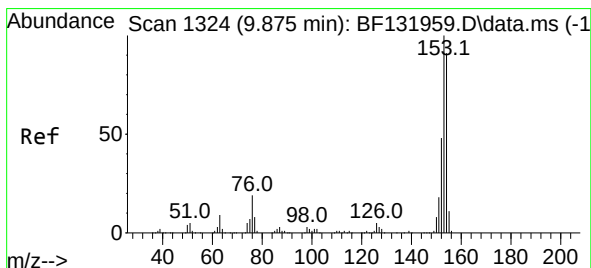
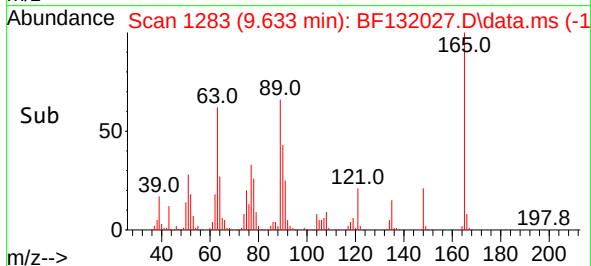
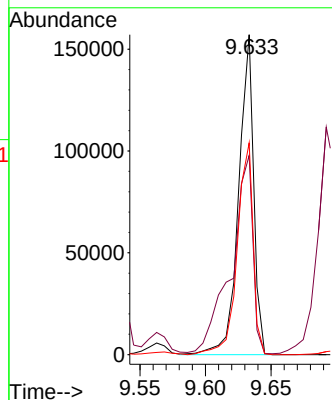
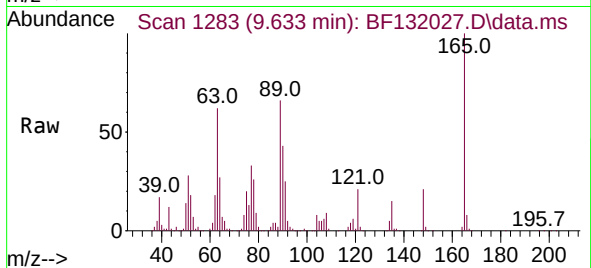
89 66.2 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#52

Acenaphthene

Concen: 42.746 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

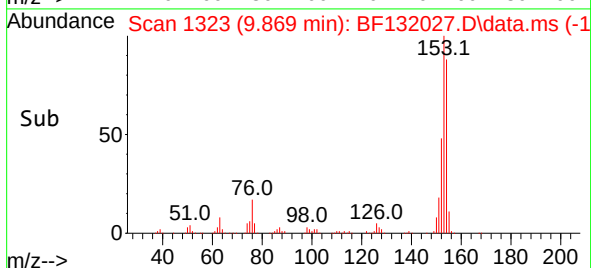
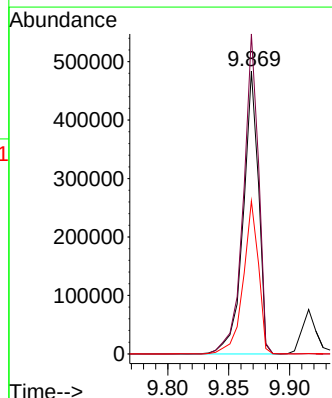
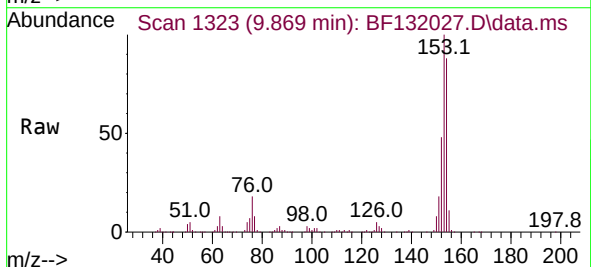
Tgt Ion:154 Resp: 420969

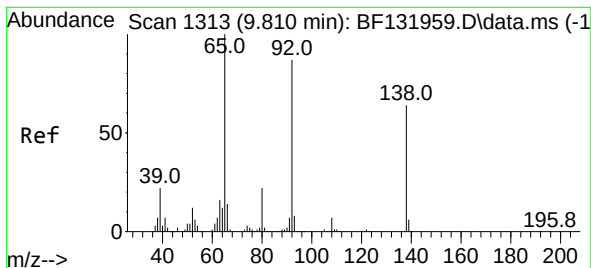
Ion Ratio Lower Upper

154 100

153 113.2 87.7 131.5

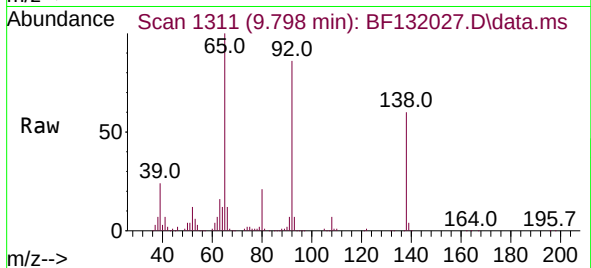
152 54.1 42.2 63.2





#53
3-Nitroaniline
Concen: 17.052 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

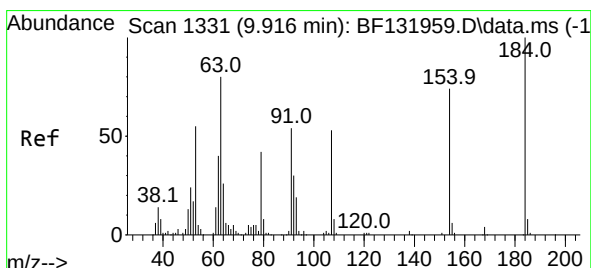
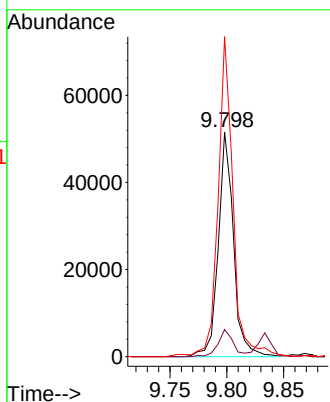
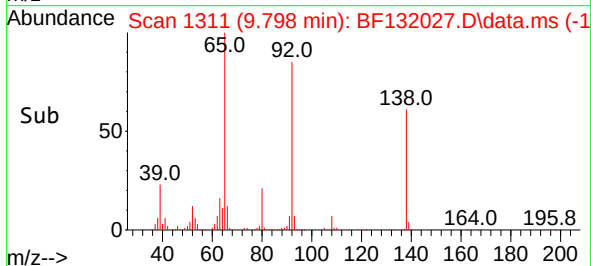
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:138 Resp: 47862
Ion Ratio Lower Upper
138 100
108 12.1 8.8 13.2
92 142.5 108.1 162.1

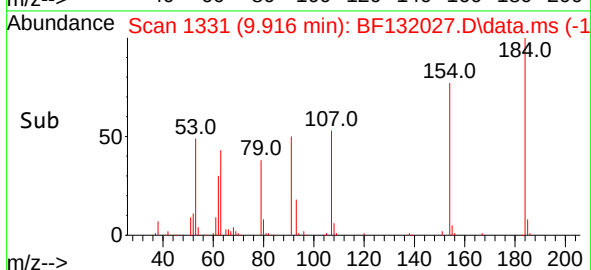
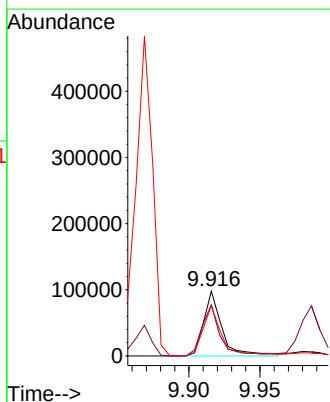
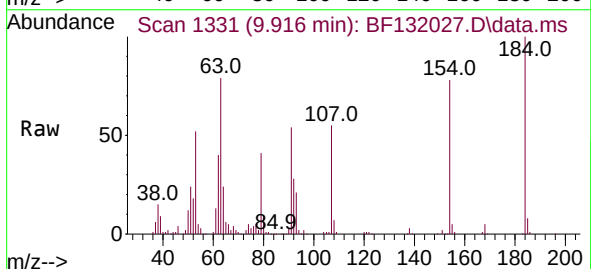
Manual Integrations
APPROVED

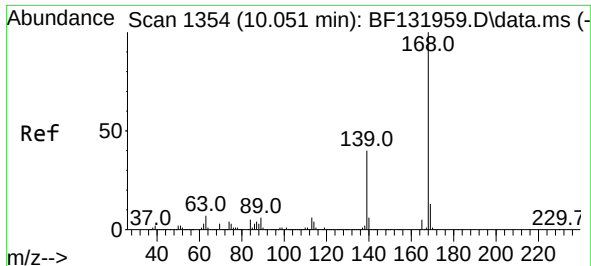
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#54
2,4-Dinitrophenol
Concen: 60.387 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:184 Resp: 87727
Ion Ratio Lower Upper
184 100
63 78.9 63.7 95.5
154 77.6 60.1 90.1





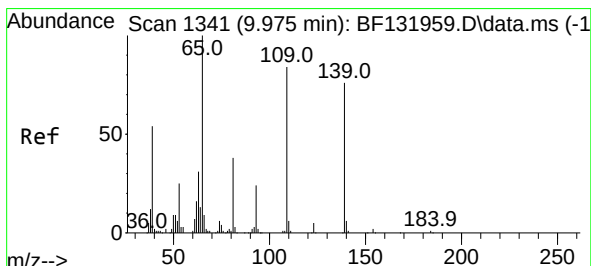
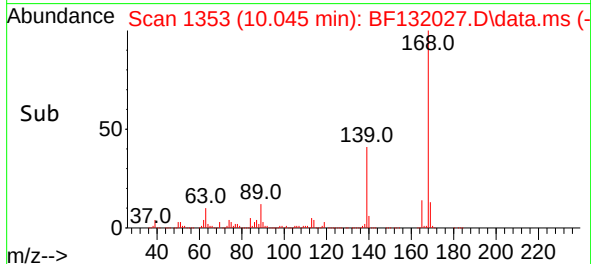
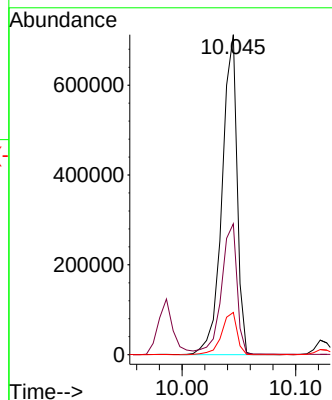
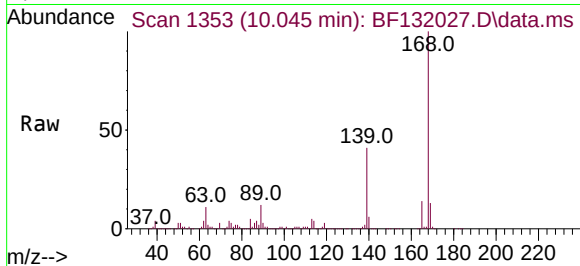
#55
Dibenzenofuran
Concen: 42.184 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:168 Resp: 654854
Ion Ratio Lower Upper
168 100
139 40.9 32.4 48.6
169 13.2 10.7 16.1

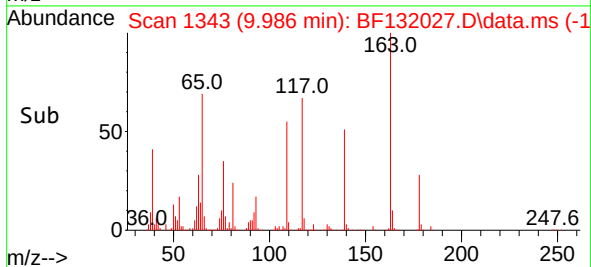
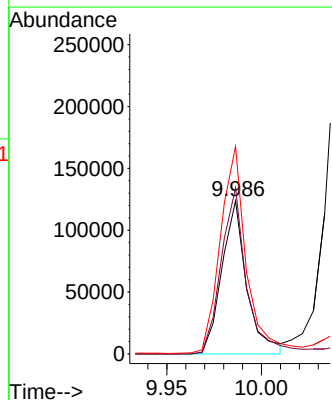
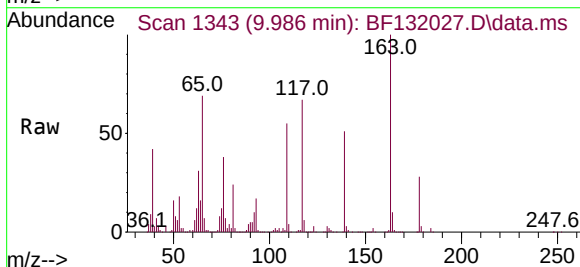
Manual Integrations
APPROVED

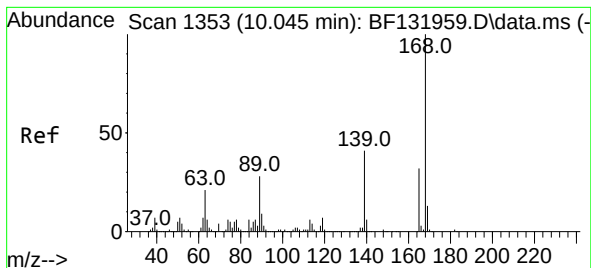
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#56
4-Nitrophenol
Concen: 71.636 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

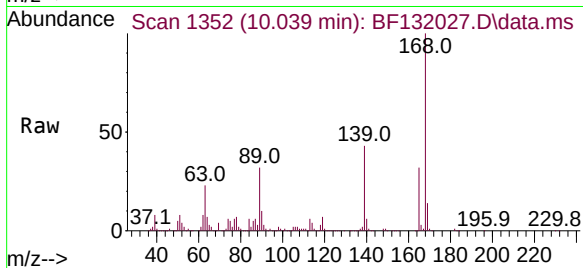
Tgt Ion:139 Resp: 113266
Ion Ratio Lower Upper
139 100
109 108.4 90.5 130.5
65 135.5 112.6 152.6





#57
2,4-Dinitrotoluene
Concen: 41.362 ng
RT: 10.039 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

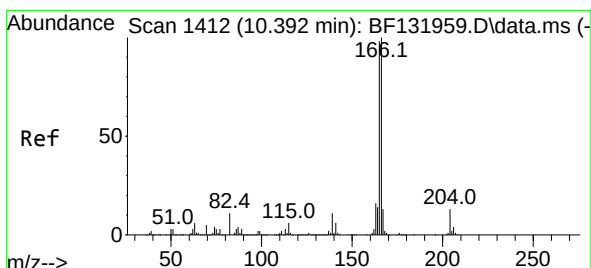
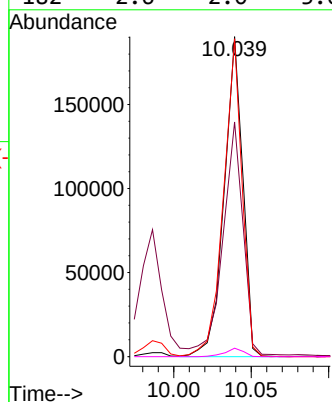
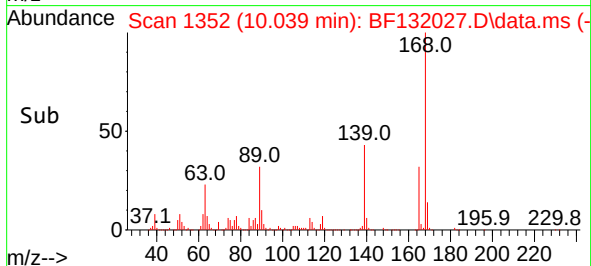
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:165 Resp: 160005
Ion Ratio Lower Upper
165 100
63 73.3 53.2 79.8
89 99.3 71.2 106.8
182 2.6 2.0 3.0

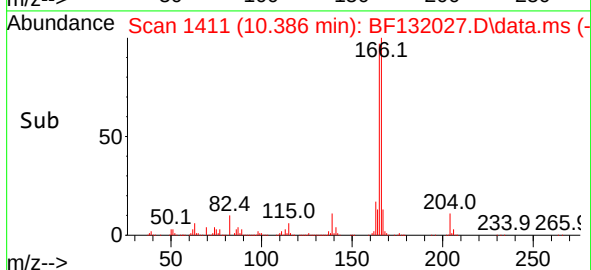
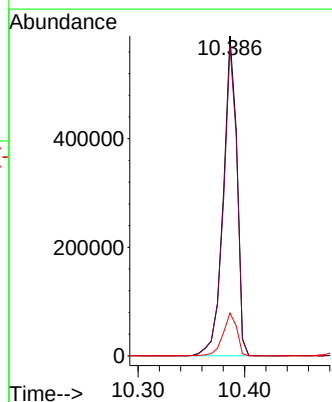
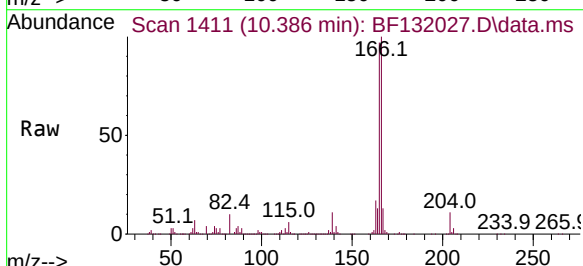
Manual Integrations
APPROVED

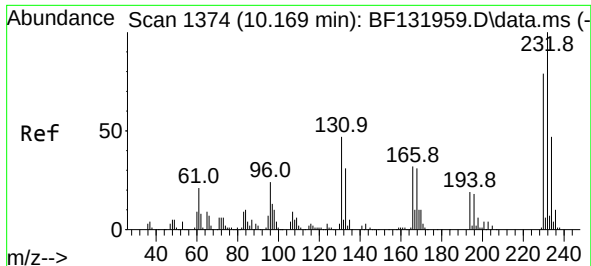
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#58
Fluorene
Concen: 42.274 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

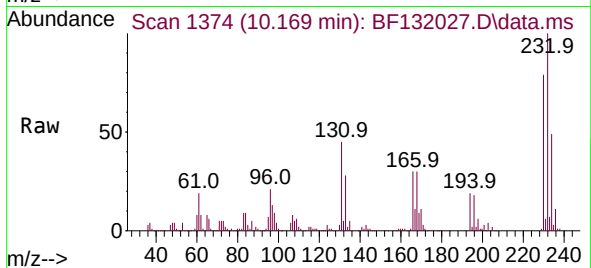
Tgt Ion:166 Resp: 524230
Ion Ratio Lower Upper
166 100
165 96.8 78.3 117.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.731 ng m
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

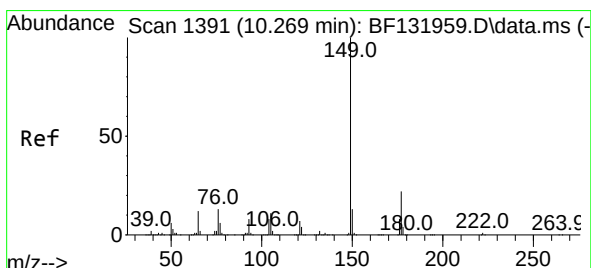
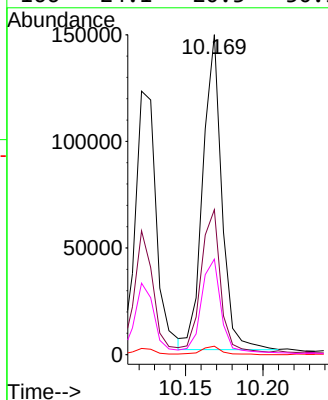
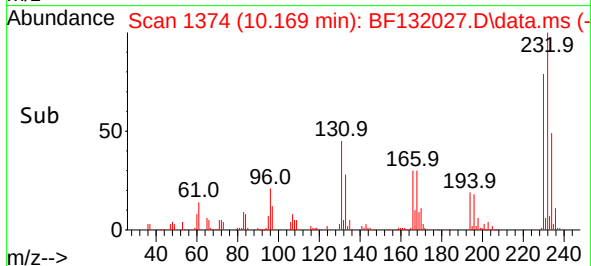
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:232 Resp: 125768
Ion Ratio Lower Upper
232 100
131 39.8 33.0 49.4
130 2.3 1.8 2.8
166 24.1 20.3 30.5

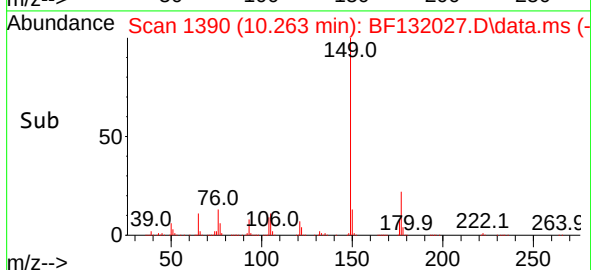
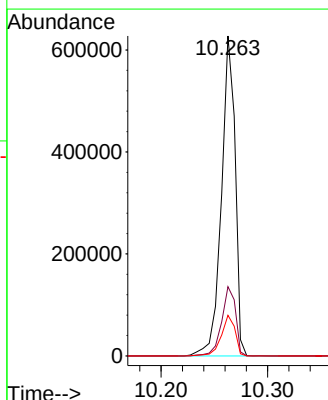
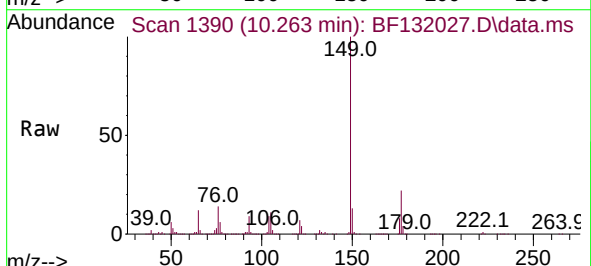
Manual Integrations
APPROVED

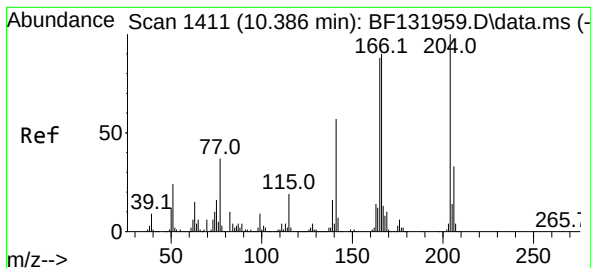
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#60
Diethylphthalate
Concen: 41.609 ng
RT: 10.263 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:149 Resp: 562857
Ion Ratio Lower Upper
149 100
177 21.6 17.7 26.5
150 12.7 10.2 15.2





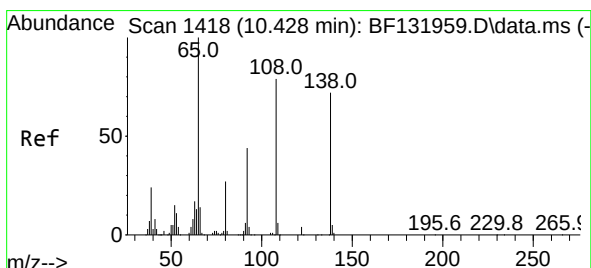
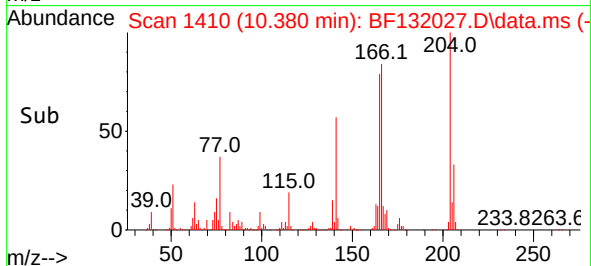
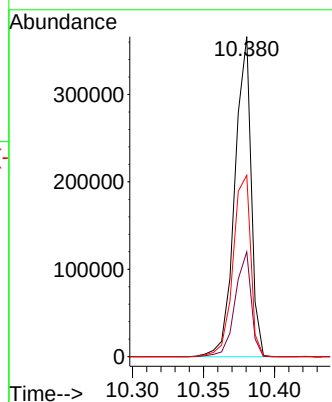
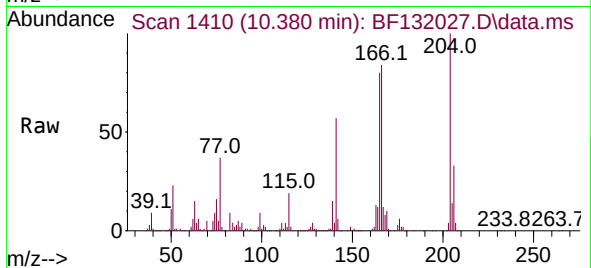
#61
4-Chlorophenyl-phenylether
Concen: 41.123 ng
RT: 10.380 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:204 Resp: 291928
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 56.7 45.6 68.4

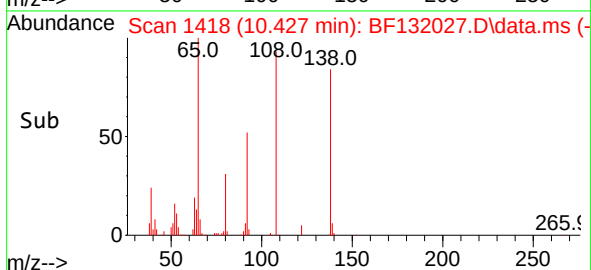
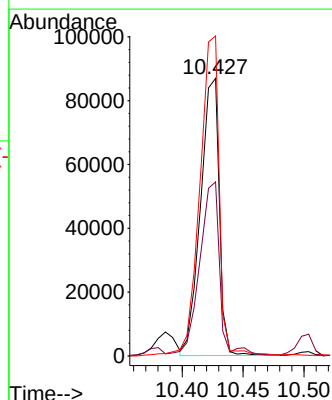
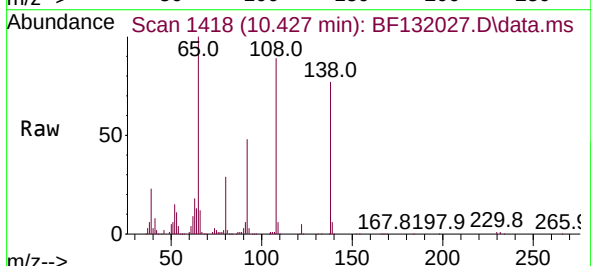
Manual Integrations
APPROVED

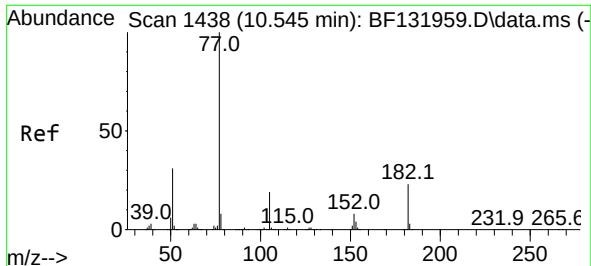
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#62
4-Nitroaniline
Concen: 36.975 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.001 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

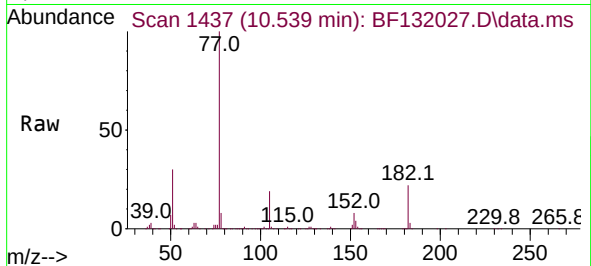
Tgt Ion:138 Resp: 93329
Ion Ratio Lower Upper
138 100
92 62.7 41.3 81.3
108 115.3 89.8 129.8





#63
Azobenzene
Concen: 45.926 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

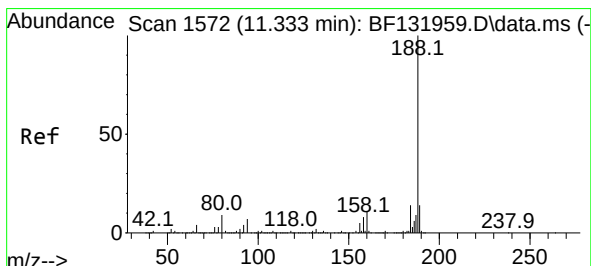
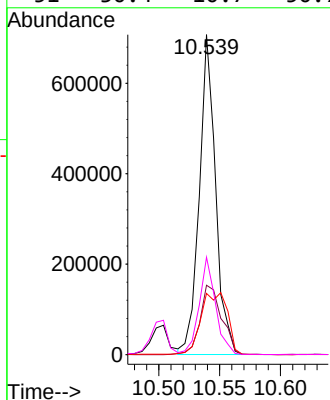
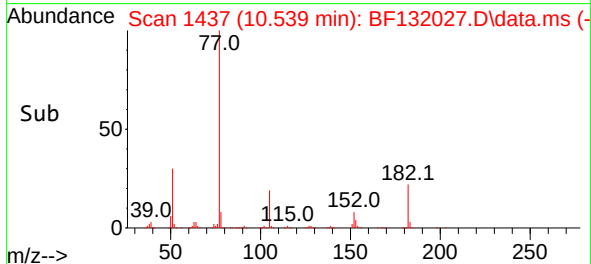
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



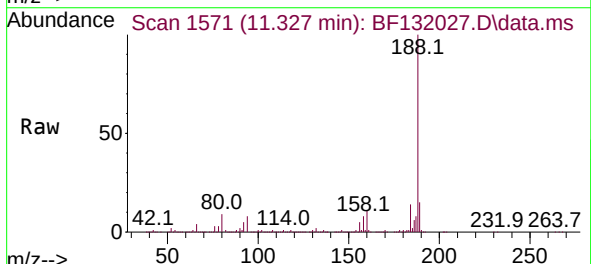
Tgt Ion: 77 Resp: 659020
Ion Ratio Lower Upper
77 100
182 21.7 2.9 42.9
105 19.1 0.0 39.3
51 30.4 10.7 50.7

Manual Integrations
APPROVED

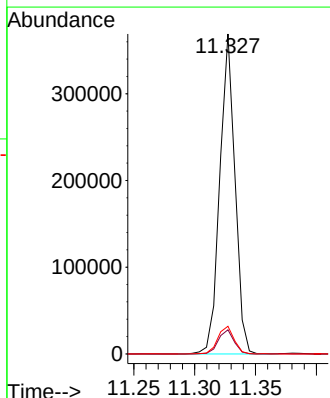
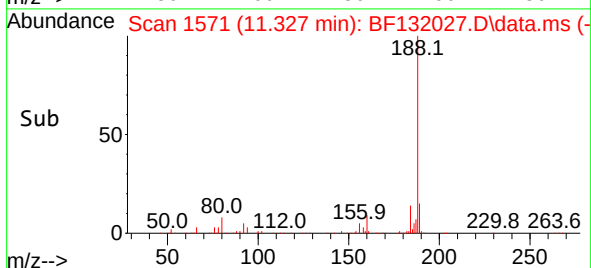
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

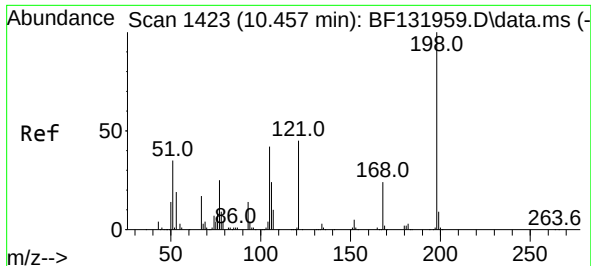


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



Tgt Ion:188 Resp: 320957
Ion Ratio Lower Upper
188 100
94 7.5 5.8 8.6
80 8.6 7.4 11.0





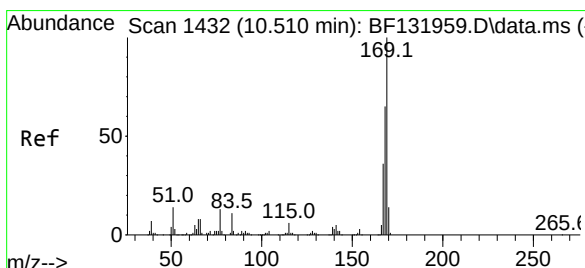
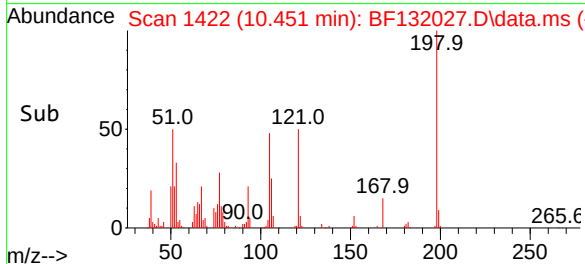
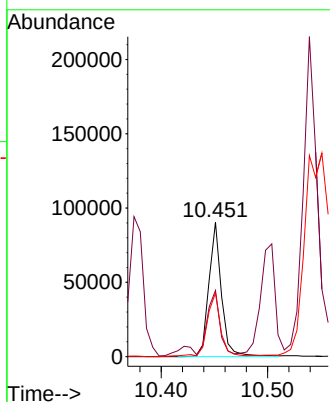
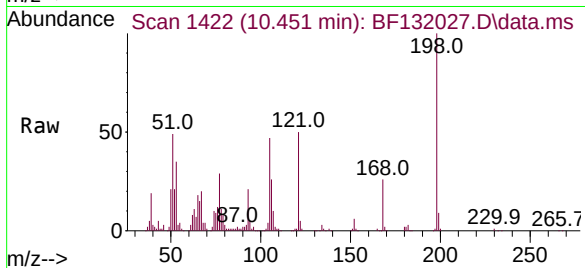
#65
4,6-Dinitro-2-methylphenol
Concen: 35.882 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:198 Resp: 74268
Ion Ratio Lower Upper
198 100
51 49.2 21.4 61.4
105 47.3 23.0 63.0

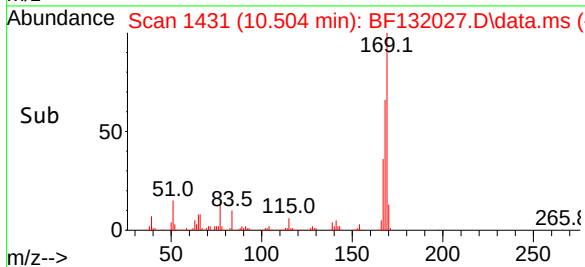
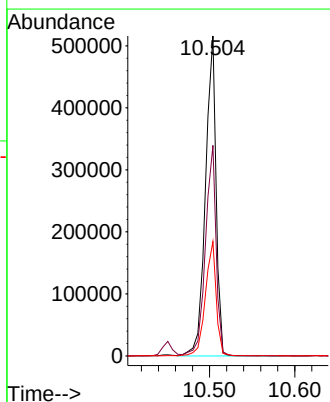
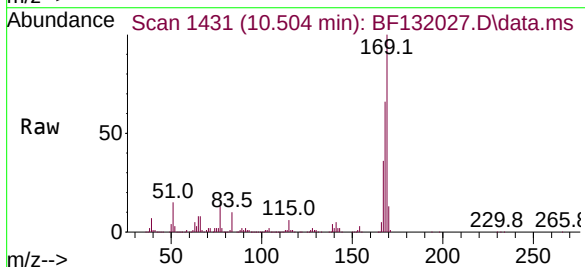
Manual Integrations
APPROVED

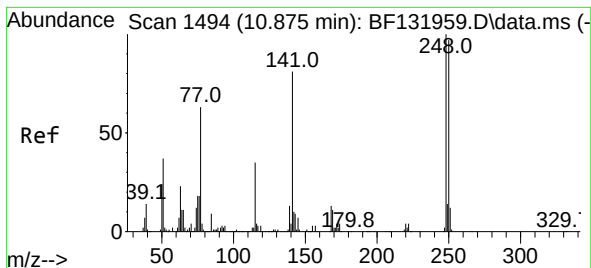
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#66
n-Nitrosodiphenylamine
Concen: 44.312 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

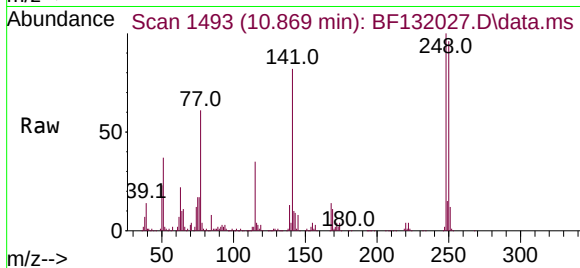
Tgt Ion:169 Resp: 446193
Ion Ratio Lower Upper
169 100
168 65.8 52.5 78.7
167 35.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 43.706 ng
RT: 10.869 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

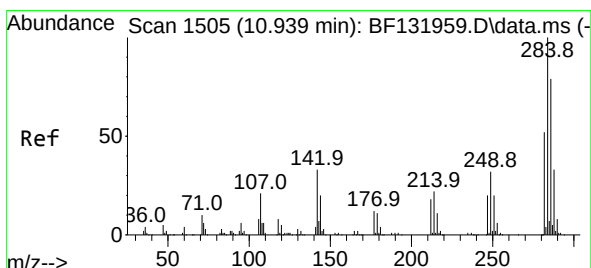
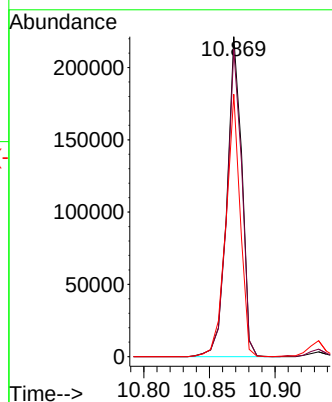
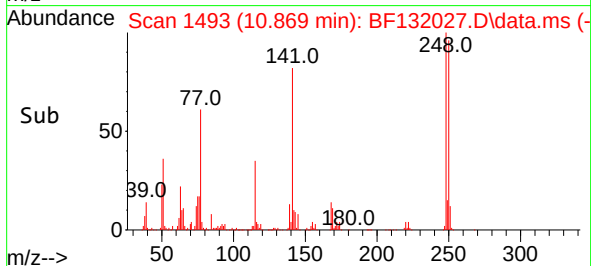
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:248 Resp: 175484
Ion Ratio Lower Upper
248 100
250 96.0 77.4 116.2
141 82.0 65.0 97.6

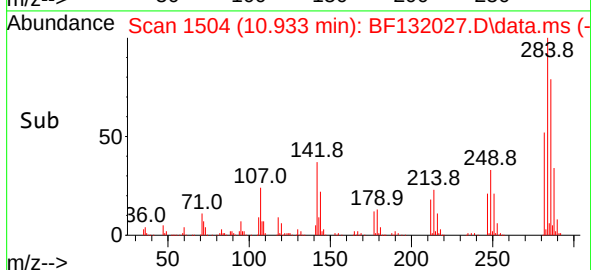
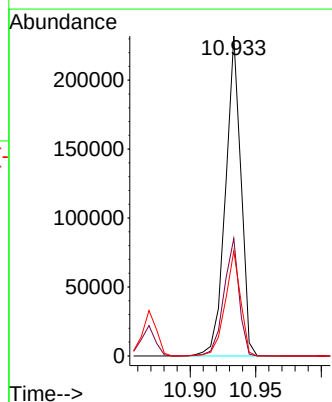
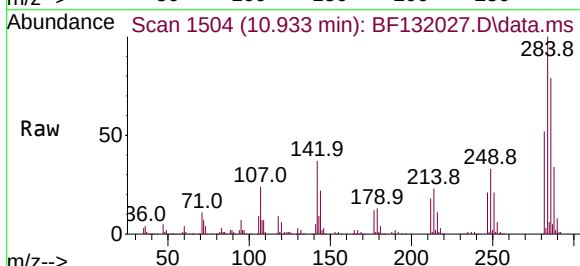
Manual Integrations
APPROVED

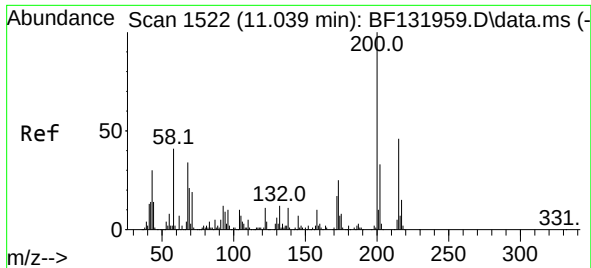
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#68
Hexachlorobenzene
Concen: 46.759 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

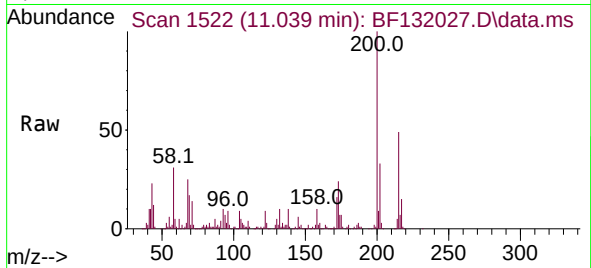
Tgt Ion:284 Resp: 189918
Ion Ratio Lower Upper
284 100
142 36.7 26.4 39.6
249 32.8 25.4 38.2





#69
 Atrazine
 Concen: 44.906 ng
 RT: 11.039 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

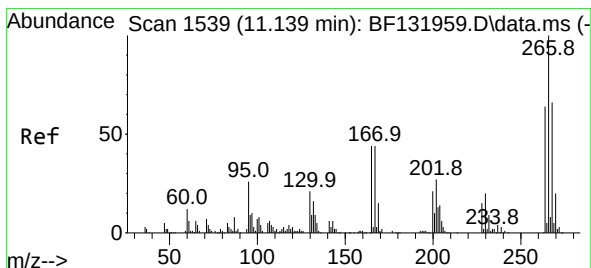
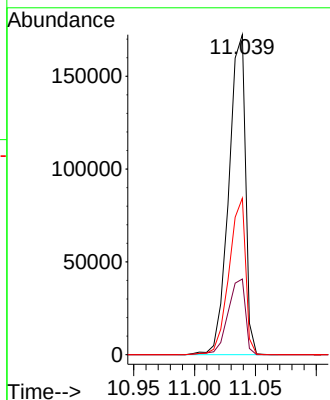
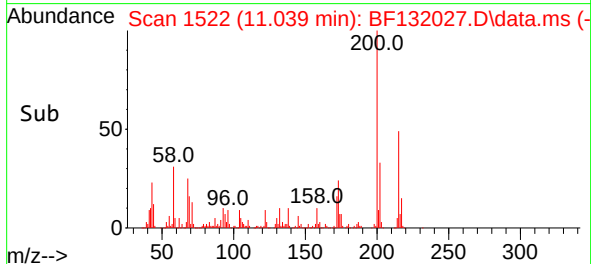
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)MS



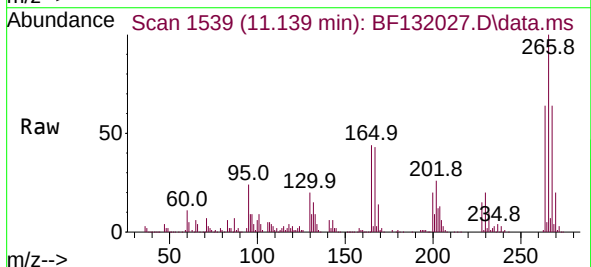
Tgt Ion:200 Resp: 164436
 Ion Ratio Lower Upper
 200 100
 173 23.6 5.1 45.1
 215 48.9 25.6 65.6

Manual Integrations
 APPROVED

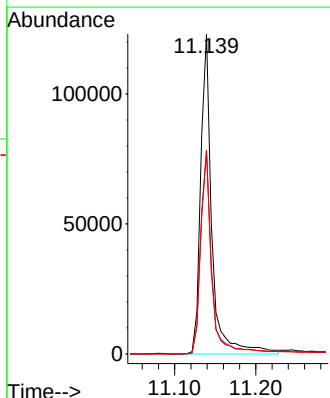
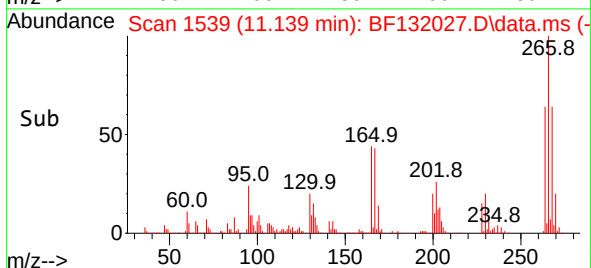
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

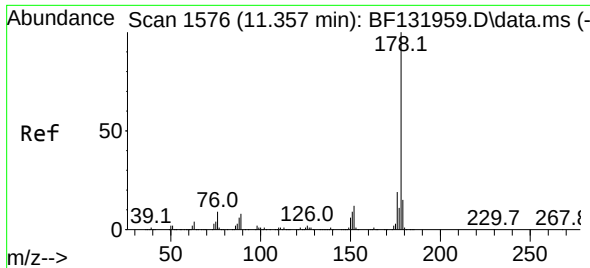


#70
 Pentachlorophenol
 Concen: 55.693 ng
 RT: 11.139 min Scan# 1539
 Delta R.T. 0.000 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24



Tgt Ion:266 Resp: 117596
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.7 79.1
 264 63.6 51.6 77.4





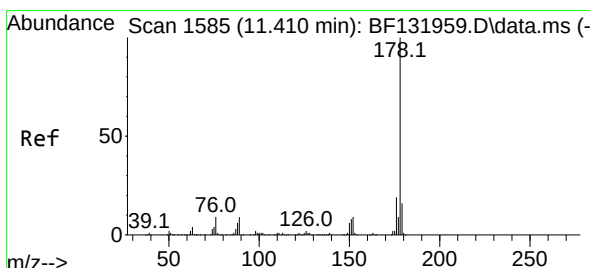
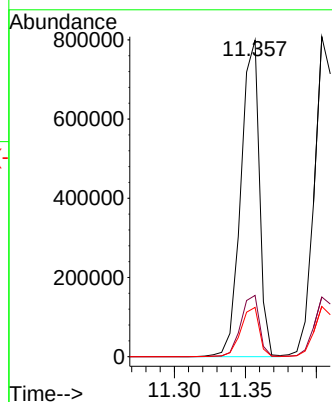
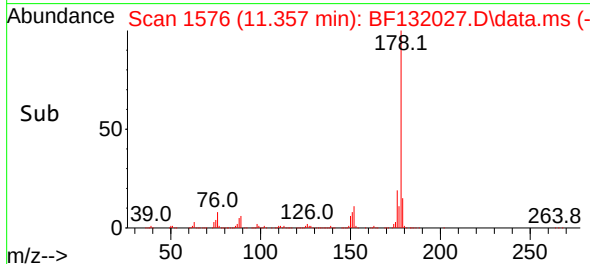
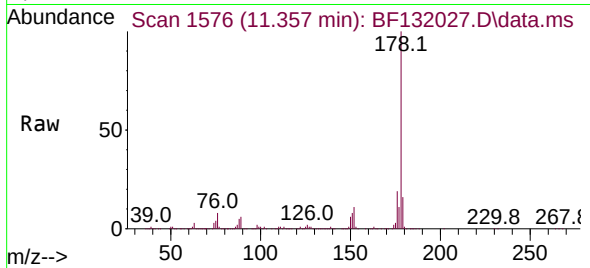
#71
Phenanthrene
Concen: 43.100 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS

Tgt Ion:178 Resp: 721131
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.5 12.4 18.6

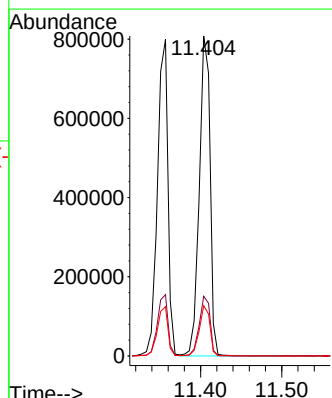
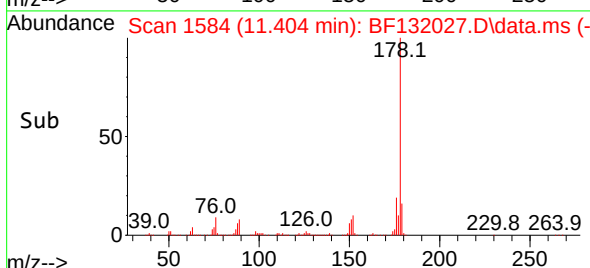
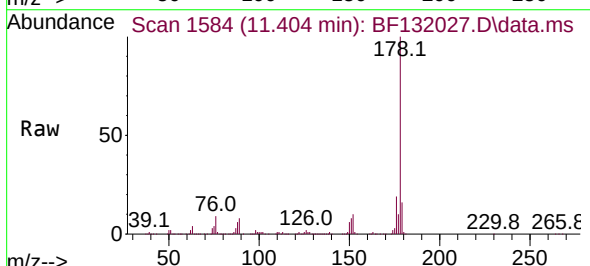
Manual Integrations
APPROVED

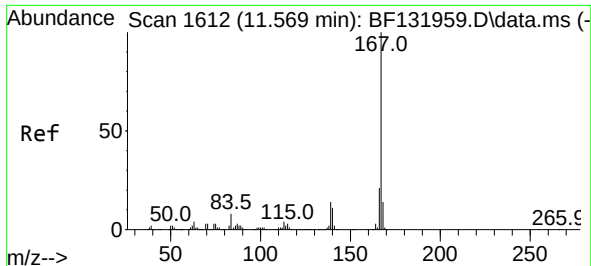
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#72
Anthracene
Concen: 43.160 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

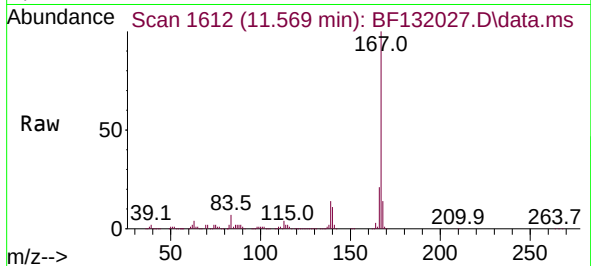
Tgt Ion:178 Resp: 743405
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 40.716 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

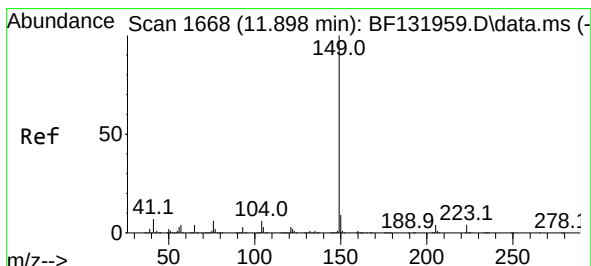
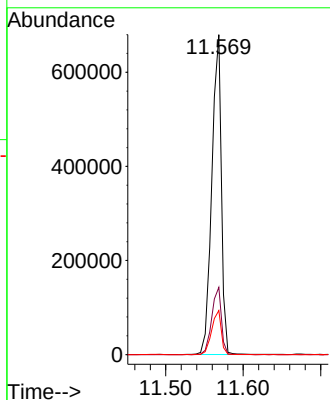
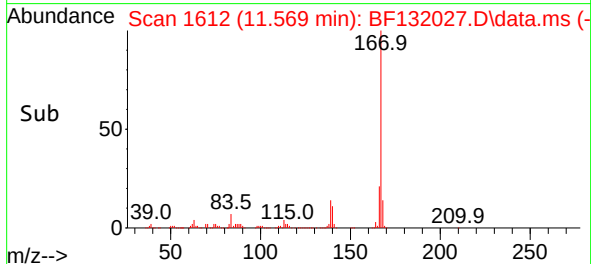
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)MS



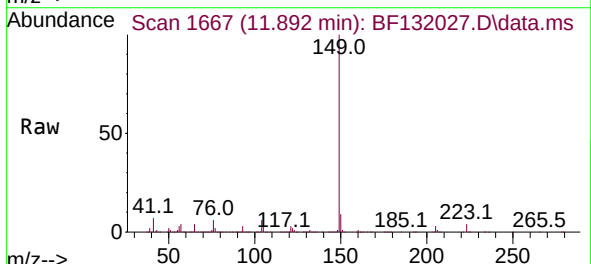
Tgt Ion:167 Resp: 580611
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 13.8 11.1 16.7

Manual Integrations
 APPROVED

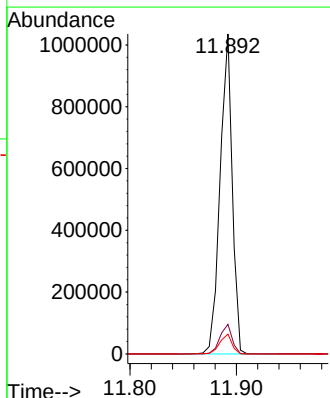
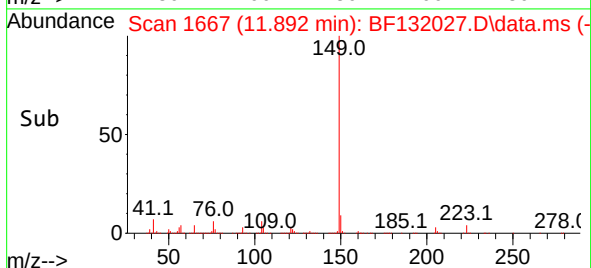
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023

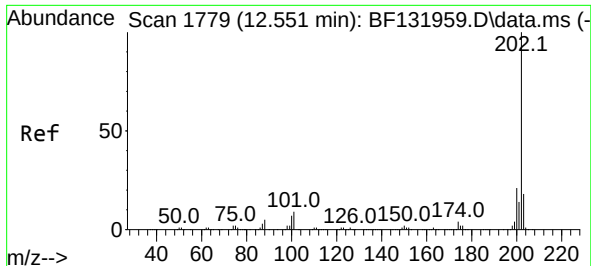


#74
 Di-n-butylphthalate
 Concen: 41.472 ng
 RT: 11.892 min Scan# 1667
 Delta R.T. -0.006 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24



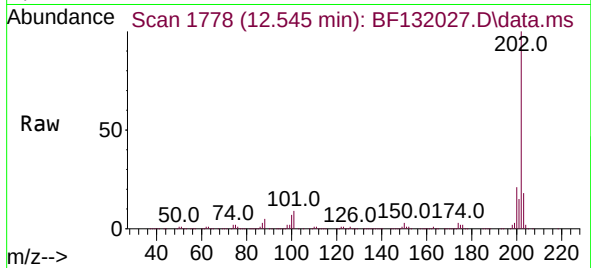
Tgt Ion:149 Resp: 823458
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.2 5.0 7.6





#75
Fluoranthene
Concen: 37.587 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

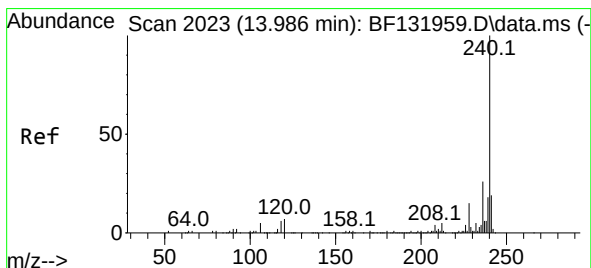
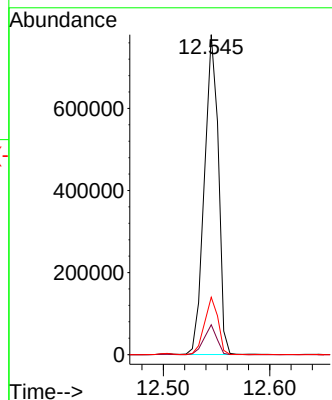
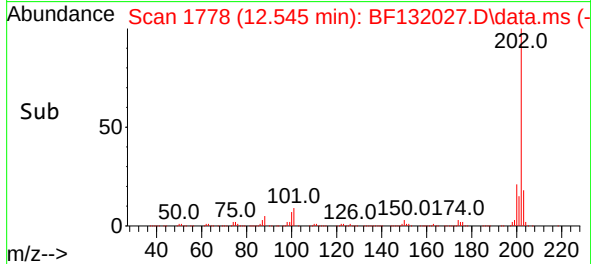
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



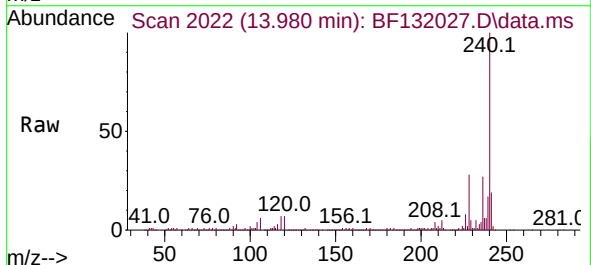
Tgt Ion:202 Resp: 707274
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 17.9 0.0 37.6

Manual Integrations
APPROVED

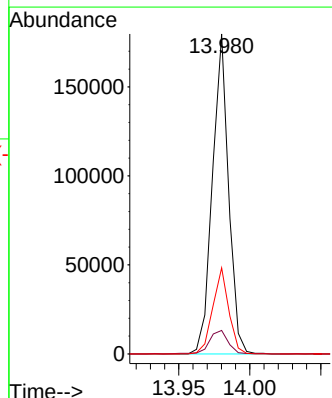
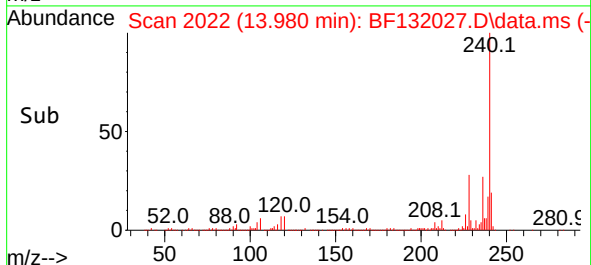
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

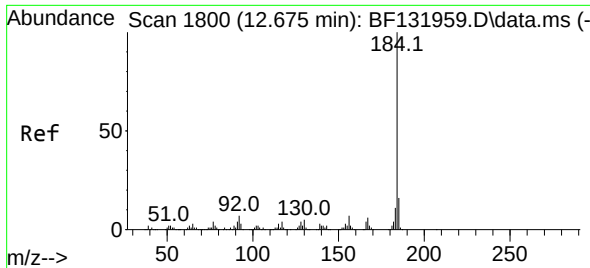


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



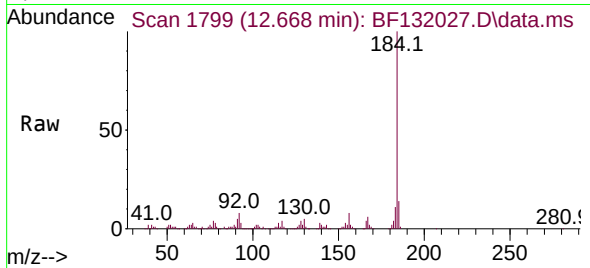
Tgt Ion:240 Resp: 142067
Ion Ratio Lower Upper
240 100
120 7.3 5.4 8.0
236 26.9 21.1 31.7





#77
Benzidine
Concen: 31.585 ng
RT: 12.668 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

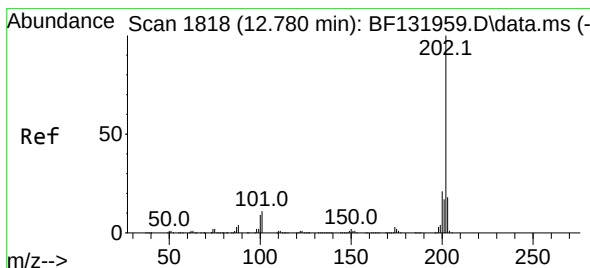
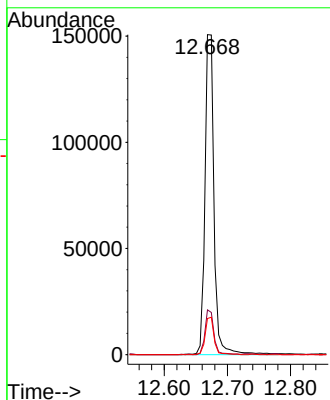
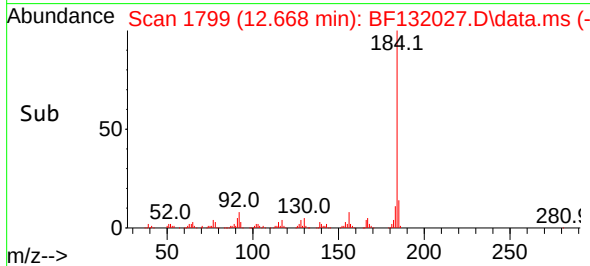
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



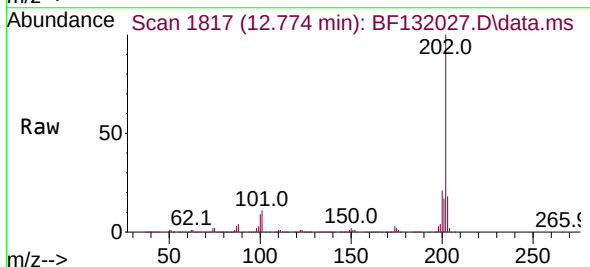
Tgt Ion:184 Resp: 149073
Ion Ratio Lower Upper
184 100
185 14.0 12.8 19.2
183 11.3 9.0 13.4

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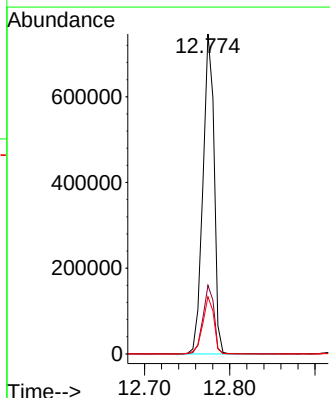
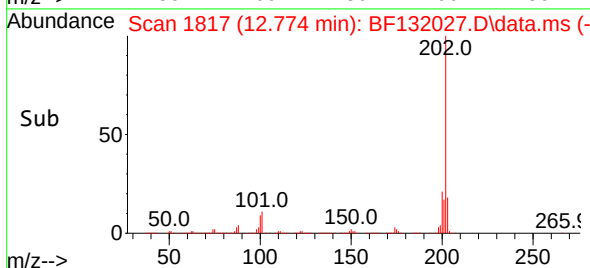
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

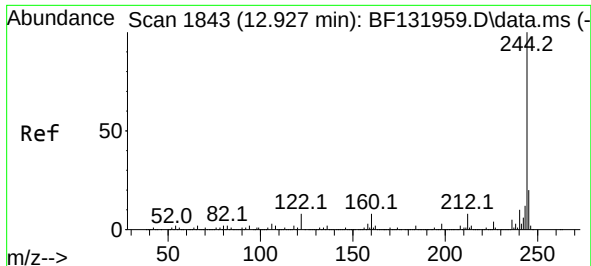


#78
Pyrene
Concen: 52.469 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



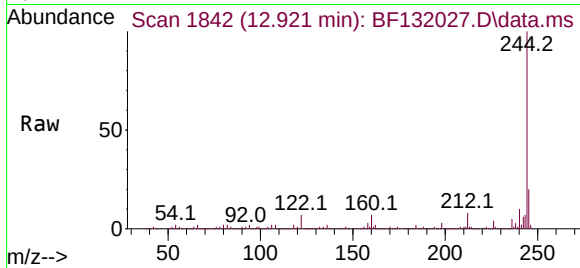
Tgt Ion:202 Resp: 679861
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.9 14.1 21.1





#79
 Terphenyl-d14
 Concen: 90.925 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

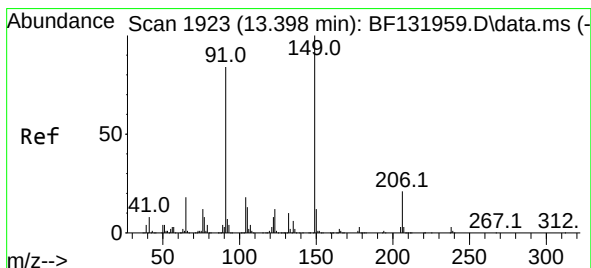
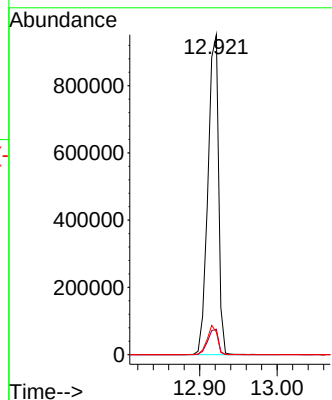
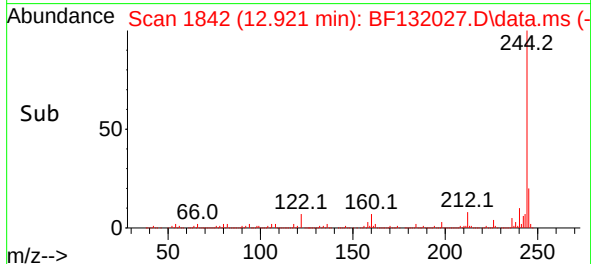
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)MS



Tgt Ion:244 Resp: 901253
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 7.0 6.8 10.2

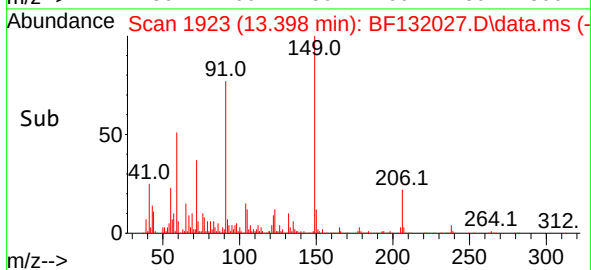
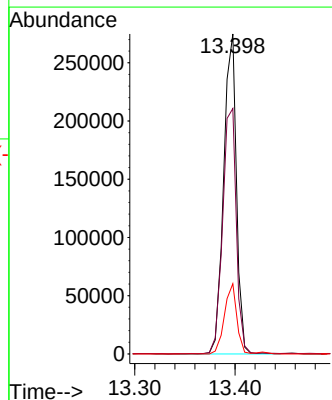
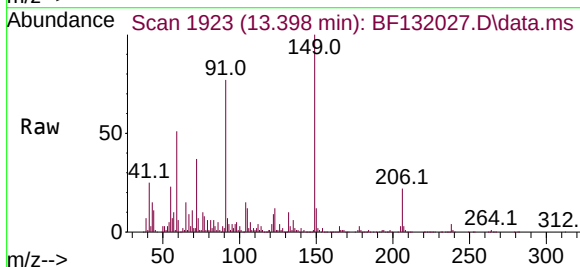
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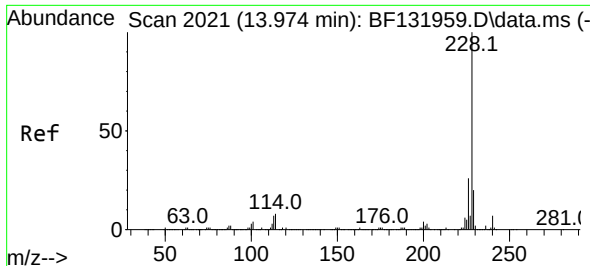
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#80
 Butylbenzylphthalate
 Concen: 46.777 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

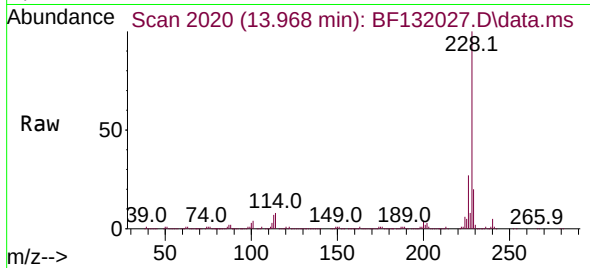
Tgt Ion:149 Resp: 244653
 Ion Ratio Lower Upper
 149 100
 91 76.7 67.0 100.4
 206 21.9 16.9 25.3





#81
Benzo(a)anthracene
Concen: 42.847 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

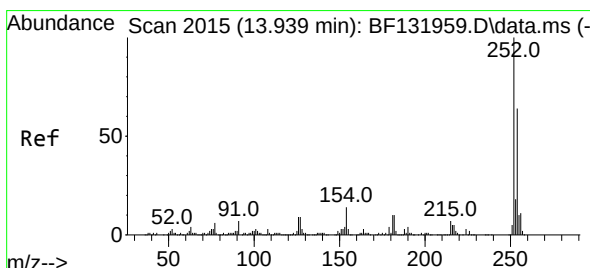
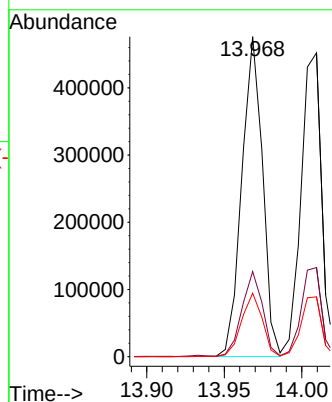
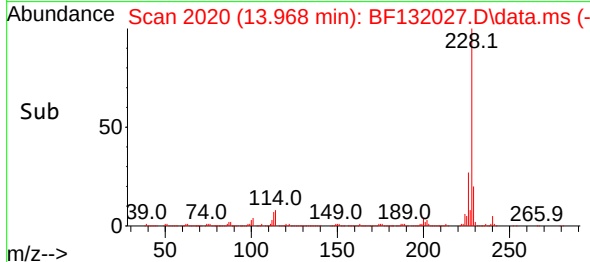
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



Tgt Ion:228 Resp: 442855
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 19.8 15.8 23.6

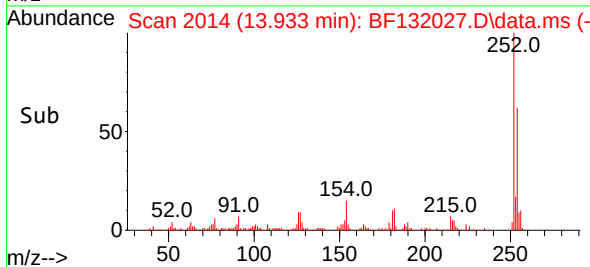
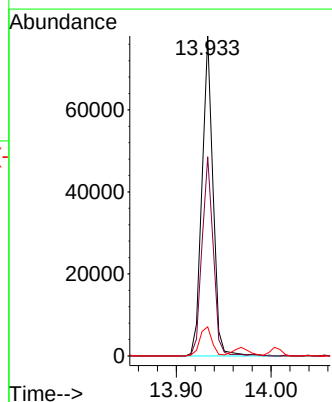
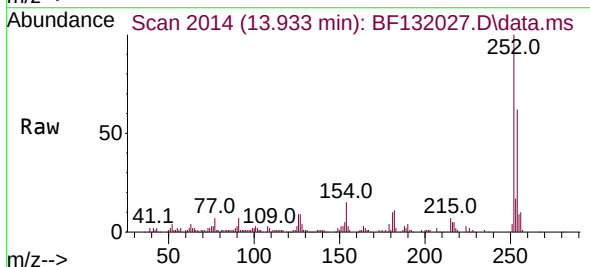
Manual Integrations
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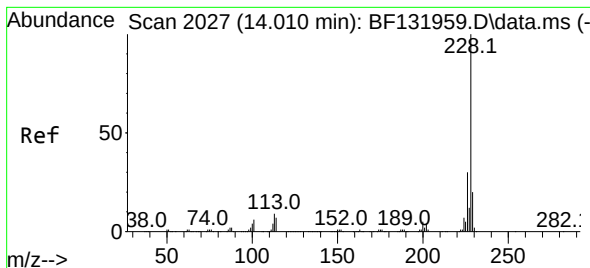
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023



#82
3,3'-Dichlorobenzidine
Concen: 19.538 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

Tgt Ion:252 Resp: 63027
Ion Ratio Lower Upper
252 100
254 62.2 51.5 77.3
126 9.1 6.9 10.3





#83

Chrysene

Concen: 42.817 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

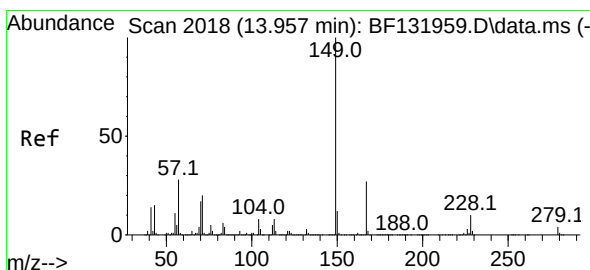
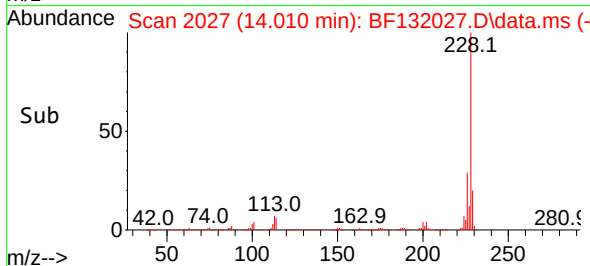
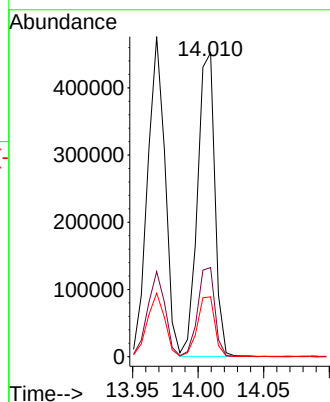
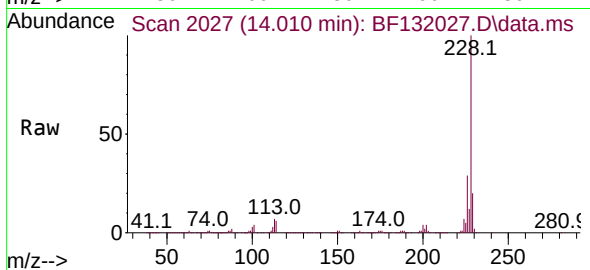
Tgt Ion:228 Resp: 413590

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	19.7	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: 45.279 ng

RT: 13.951 min Scan# 2017

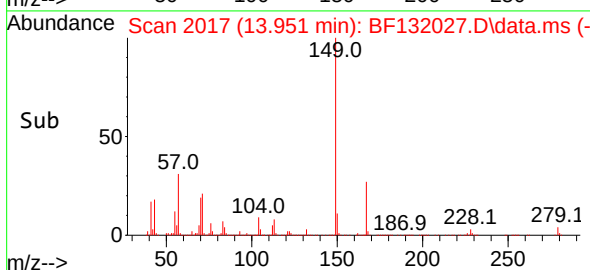
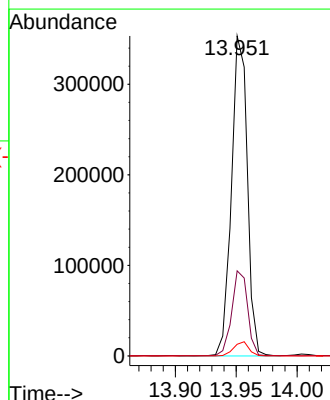
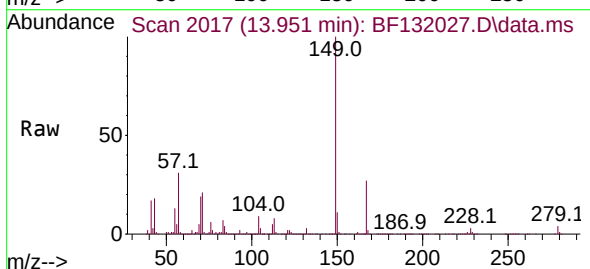
Delta R.T. -0.006 min

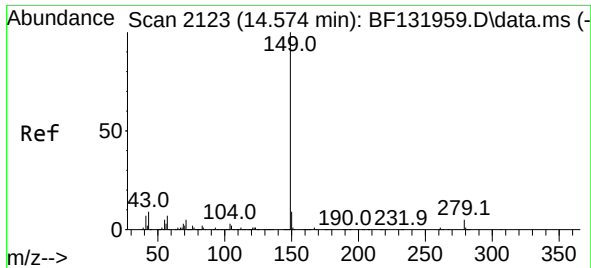
Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Tgt Ion:149 Resp: 320830

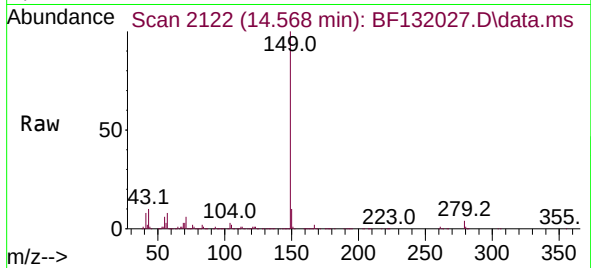
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.7	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 51.765 ng
RT: 14.568 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24

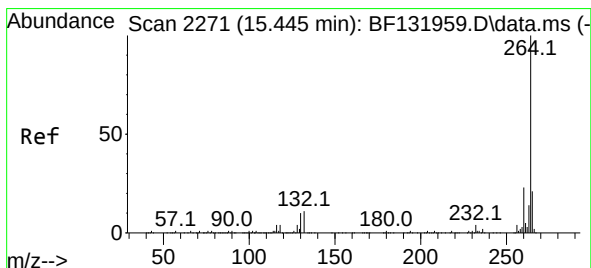
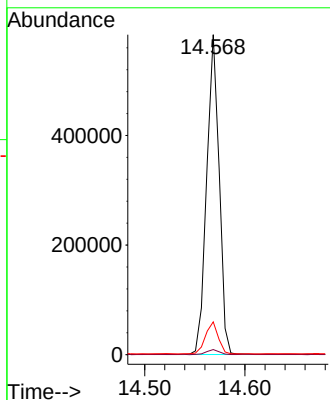
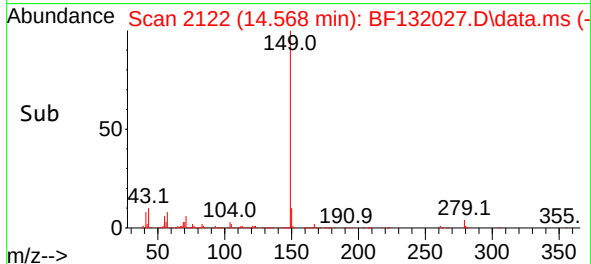
Instrument :
BNA_F
ClientSampleId :
H-5-MIDDLE(4-8)MS



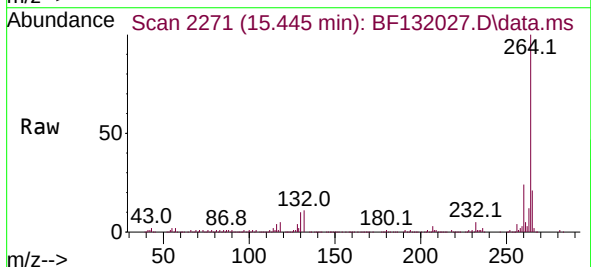
Tgt Ion:149 Resp: 501920
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 7.8 11.6

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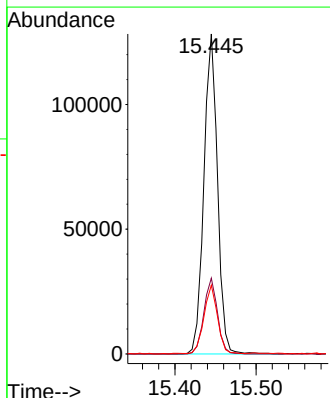
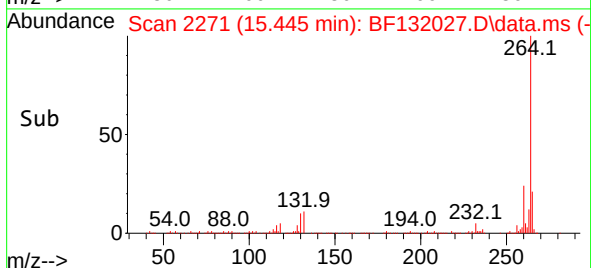
Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

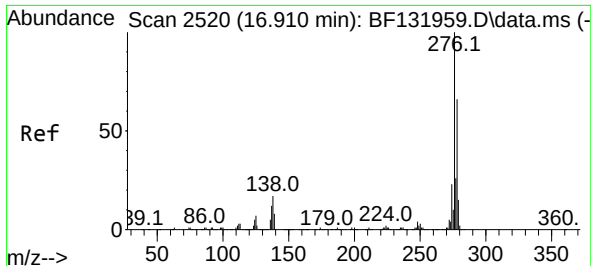


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.000 min
Lab File: BF132027.D
Acq: 11 Jan 2023 17:24



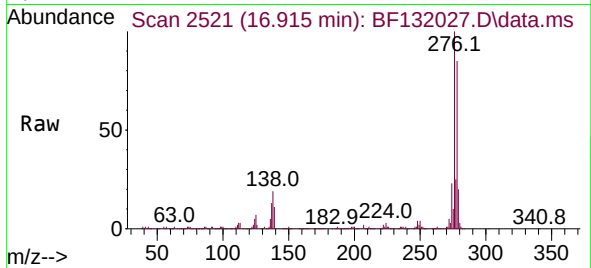
Tgt Ion:264 Resp: 149394
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.5 16.9 25.3





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.222 ng
 RT: 16.915 min Scan# 2199
 Delta R.T. 0.006 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

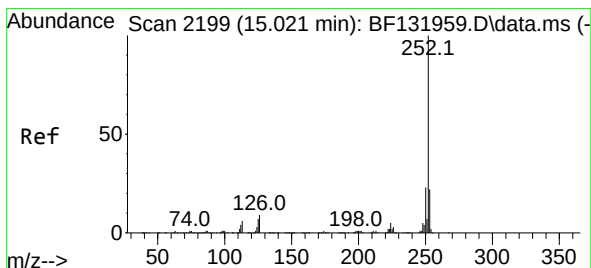
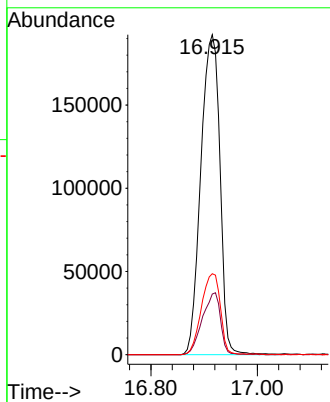
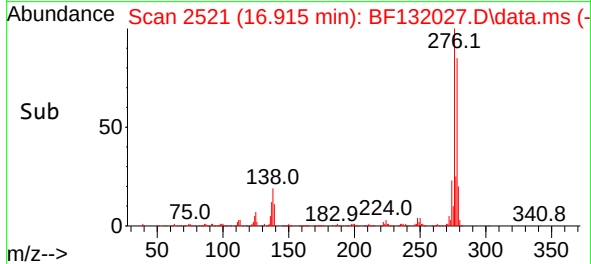
Instrument :
 BNA_F
 ClientSampleId :
 H-5-MIDDLE(4-8)MS



Tgt Ion:276 Resp: 478472
 Ion Ratio Lower Upper
 276 100
 138 18.4 14.2 21.2
 277 25.1 20.2 30.4

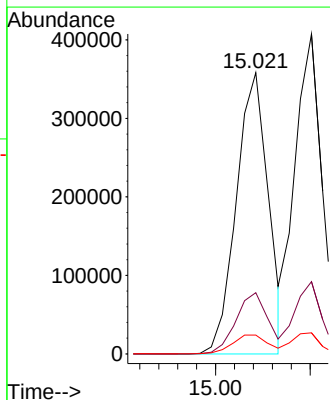
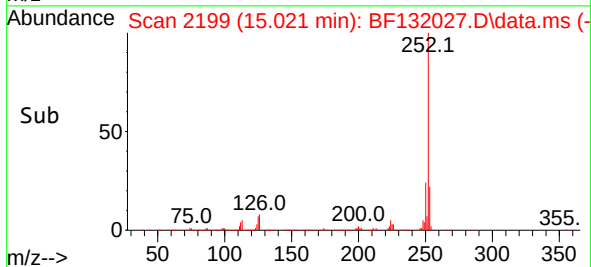
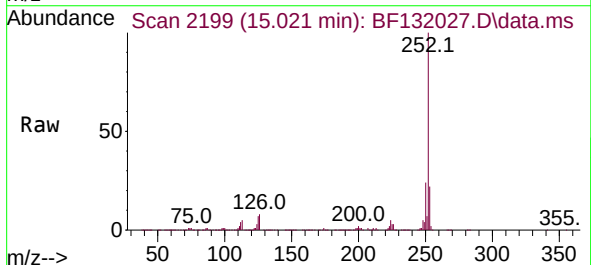
Manual Integrations
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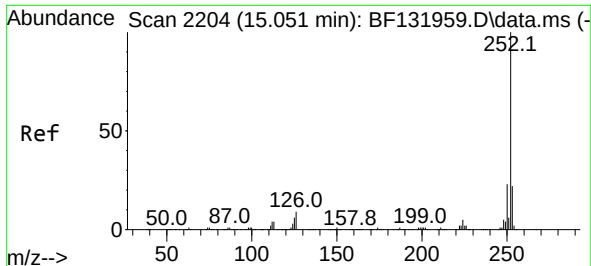
Reviewed By :Christian Giraldo 01/12/2023
 Supervised By :Jagrut Upadhyay 01/12/2023



#88
 Benzo(b)fluoranthene
 Concen: 40.955 ng
 RT: 15.021 min Scan# 2199
 Delta R.T. -0.000 min
 Lab File: BF132027.D
 Acq: 11 Jan 2023 17:24

Tgt Ion:252 Resp: 419649
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.0 27.0
 125 6.7 5.8 8.6





#89

Benzo(k)fluoranthene

Concen: 39.203 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:252 Resp: 400896

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

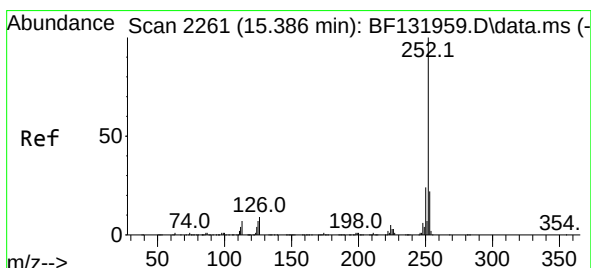
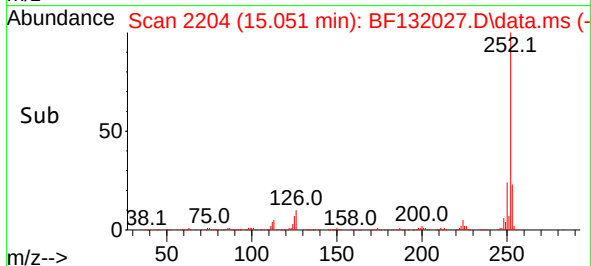
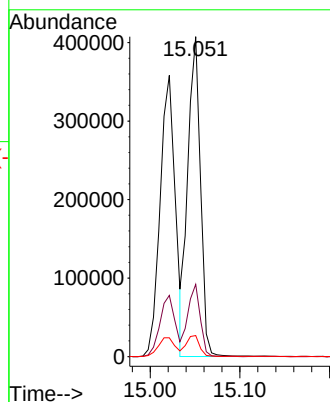
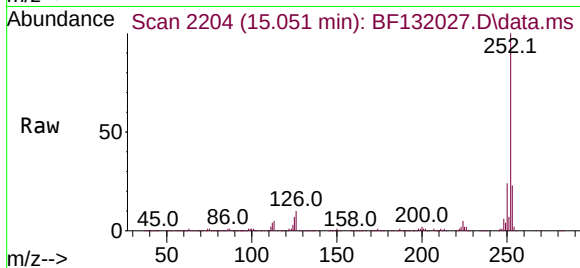
125 6.6 5.2 7.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#90

Benzo(a)pyrene

Concen: 39.985 ng

RT: 15.386 min Scan# 2261

Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

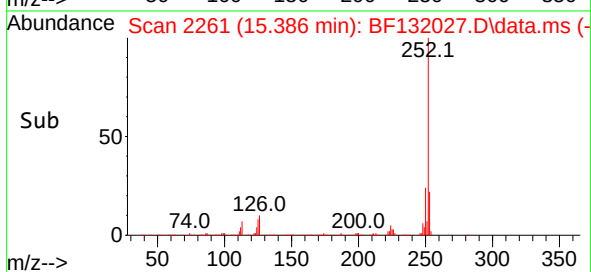
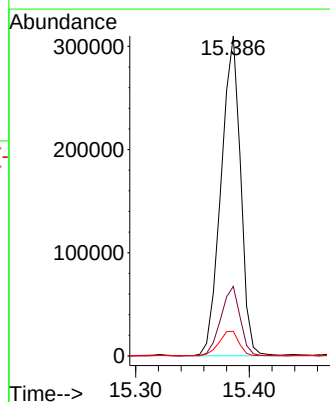
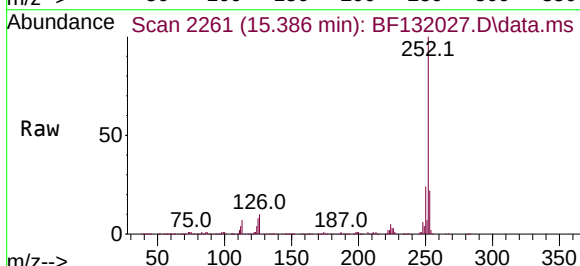
Tgt Ion:252 Resp: 369146

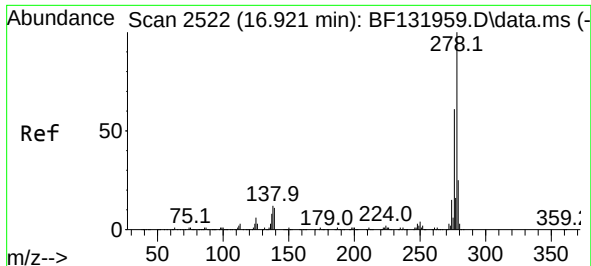
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 7.7 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 52.238 ng

RT: 16.927 min Scan# 2522

Delta R.T. 0.006 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Instrument :

BNA_F

ClientSampleId :

H-5-MIDDLE(4-8)MS

Tgt Ion:278 Resp: 401220

Ion Ratio Lower Upper

278 100

139 11.0 8.8 13.2

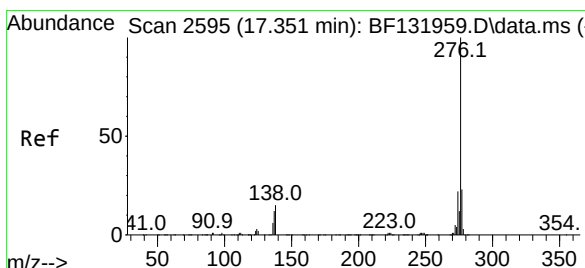
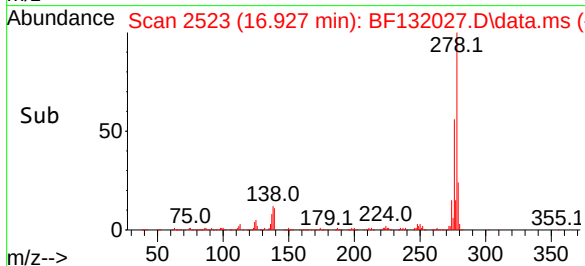
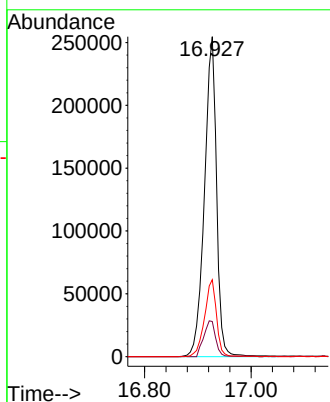
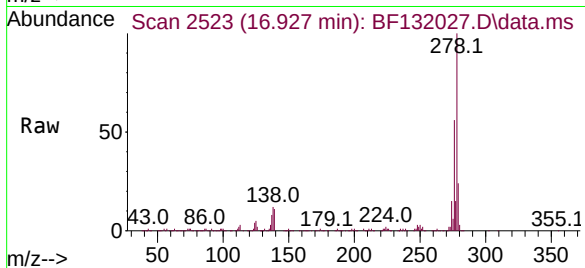
279 24.0 19.8 29.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/12/2023

Supervised By :Jagrut Upadhyay 01/12/2023



#92

Benzo(g,h,i)perylene

Concen: 47.026 ng

RT: 17.351 min Scan# 2595

Delta R.T. -0.000 min

Lab File: BF132027.D

Acq: 11 Jan 2023 17:24

Tgt Ion:276 Resp: 386111

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.2

138 15.4 11.7 17.5

