

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131921.D
 Acq On : 05 Jan 2023 18:28
 Operator : CG\JU
 Sample : N6244-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/06/2023
 Supervised By : Jagrut Upadhyay 01/06/2023

Quant Time: Jan 06 03:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	66280	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	237387	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	140121	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	269036	20.000	ng	0.00
76) Chrysene-d12	14.004	240	135455	20.000	ng	0.00
86) Perylene-d12	15.480	264	132289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	339637	84.921	ng	0.01
7) Phenol-d6	6.440	99	443483	84.400	ng	0.00
23) Nitrobenzene-d5	7.375	82	305833	51.437	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	123954	81.419	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	516708	50.510	ng	0.00
79) Terphenyl-d14	12.939	244	549432	68.611	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	78217	42.173	ng	98
3) Pyridine	3.293	79	212088	40.677	ng	98
4) n-Nitrosodimethylamine	3.263	42	106999	43.645	ng	99
6) Aniline	6.463	93	150003	23.539	ng	# 86
8) 2-Chlorophenol	6.587	128	188045	44.627	ng	95
9) Benzaldehyde	6.351	77	122959	36.469	ng	99
10) Phenol	6.451	94	270381	43.209	ng	98
11) bis(2-Chloroethyl)ether	6.540	93	198221	44.298	ng	99
12) 1,3-Dichlorobenzene	6.740	146	211692	43.963	ng	98
13) 1,4-Dichlorobenzene	6.822	146	214785	44.260	ng	96
14) 1,2-Dichlorobenzene	6.969	146	204171	44.775	ng	96
15) Benzyl Alcohol	6.951	79	209180	45.396	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	251270	44.002	ng	97
17) 2-Methylphenol	7.069	107	171086	44.413	ng	97
18) Hexachloroethane	7.316	117	86469	44.126	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	163710	44.115	ng	100
20) 3+4-Methylphenols	7.222	107	219762	43.723	ng	98
22) Acetophenone	7.216	105	310610	44.631	ng	98
24) Nitrobenzene	7.393	77	256528	43.051	ng	99
25) Isophorone	7.634	82	452459	46.598	ng	99
26) 2-Nitrophenol	7.710	139	103496	44.673	ng	95
27) 2,4-Dimethylphenol	7.751	122	171324	51.842	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	252943	48.557	ng	99
29) 2,4-Dichlorophenol	7.957	162	175402	44.055	ng	98
30) 1,2,4-Trichlorobenzene	8.034	180	203155	43.036	ng	98
31) Naphthalene	8.116	128	552544	42.502	ng	99
32) Benzoic acid	7.887	122	103439	42.824	ng	98
33) 4-Chloroaniline	8.169	127	60690	12.166	ng	97
34) Hexachlorobutadiene	8.228	225	134219	41.559	ng	98
35) Caprolactam	8.551	113	53417m	45.314	ng	
36) 4-Chloro-3-methylphenol	8.663	107	203774	45.285	ng	96
37) 2-Methylnaphthalene	8.810	142	373573	42.815	ng	99
38) 1-Methylnaphthalene	8.910	142	348320	41.099	ng	100
40) 1,2,4,5-Tetrachloroben...	8.975	216	217606	44.229	ng	99
41) Hexachlorocyclopentadiene	8.957	237	206022	92.563	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	136685	43.377	ng	99

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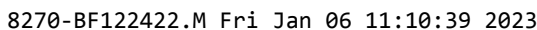
Quant Time: Jan 06 03:12:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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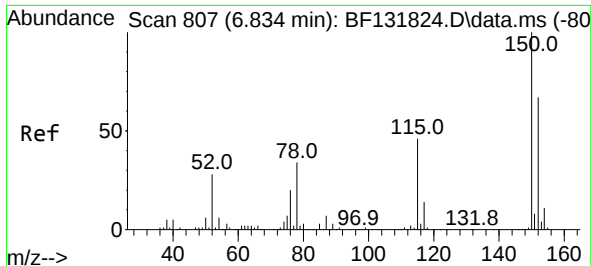
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	143466	42.118	ng	98
46) 1,1'-Biphenyl	9.281	154	478927	44.644	ng	98
47) 2-Chloronaphthalene	9.304	162	382136	43.057	ng	99
48) 2-Nitroaniline	9.404	65	141380	43.460	ng	92
49) Acenaphthylene	9.722	152	573224	43.376	ng	99
50) Dimethylphthalate	9.586	163	465077	43.873	ng	100
51) 2,6-Dinitrotoluene	9.651	165	98990	43.137	ng	98
52) Acenaphthene	9.892	154	340211	42.655	ng	99
53) 3-Nitroaniline	9.816	138	46781	20.007	ng	99
54) 2,4-Dinitrophenol	9.934	184	108972	82.518	ng	96
55) Dibenzofuran	10.069	168	534430	43.491	ng	99
56) 4-Nitrophenol	9.998	139	135962	83.006	ng	90
57) 2,4-Dinitrotoluene	10.057	165	136703	43.559	ng	# 87
58) Fluorene	10.410	166	425620	42.427	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	118947m	42.553	ng	
60) Diethylphthalate	10.286	149	445500	43.665	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	232974	44.673	ng	94
62) 4-Nitroaniline	10.439	138	93780	38.484	ng	97
63) Azobenzene	10.563	77	539123	47.613	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	76751	41.900	ng	96
66) n-Nitrosodiphenylamine	10.528	169	365764	44.569	ng	98
67) 4-Bromophenyl-phenylether	10.892	248	136960	43.923	ng	93
68) Hexachlorobenzene	10.957	284	151380	44.194	ng	96
69) Atrazine	11.057	200	136719	50.603	ng	97
70) Pentachlorophenol	11.157	266	147180	86.835	ng	99
71) Phenanthrene	11.381	178	616509	41.671	ng	99
72) Anthracene	11.428	178	633179	43.750	ng	99
73) Carbazole	11.586	167	546453	42.769	ng	97
74) Di-n-butylphthalate	11.916	149	674264	43.660	ng	99
75) Fluoranthene	12.569	202	660473	38.327	ng	99
77) Benzidine	12.698	184	163689	73.534	ng	99
78) Pyrene	12.804	202	661034	58.224	ng	98
80) Butylbenzylphthalate	13.422	149	246113	58.444	ng	97
81) Benzo(a)anthracene	13.992	228	418154	42.637	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	46131	16.274	ng	96
83) Chrysene	14.033	228	389115	42.222	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	295559	57.643	ng	98
85) Di-n-octyl phthalate	14.598	149	362993	52.590	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	462359	55.014	ng	100
88) Benzo(b)fluoranthene	15.051	252	358491	36.958	ng	98
89) Benzo(k)fluoranthene	15.080	252	340608	36.342	ng	99
90) Benzo(a)pyrene	15.416	252	328150	43.696	ng	97
91) Dibenzo(a,h)anthracene	16.974	278	386075	56.081	ng	99
92) Benzo(g,h,i)perylene	17.410	276	388191	47.710	ng	97

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

Manual Integrations APPROVED

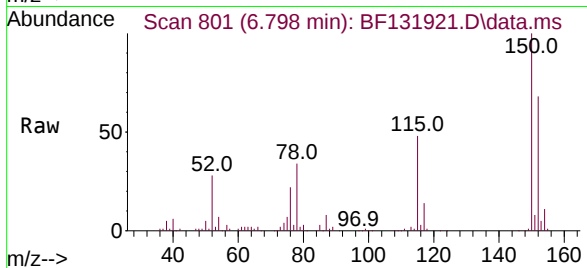
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF131921.D
 Acq: 05 Jan 2023 18:28

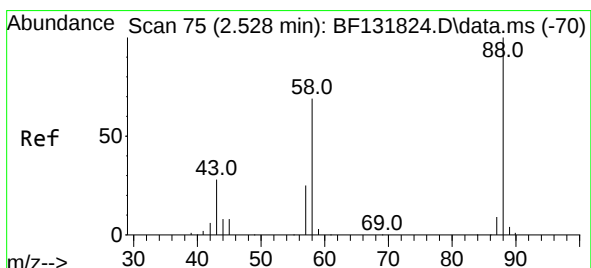
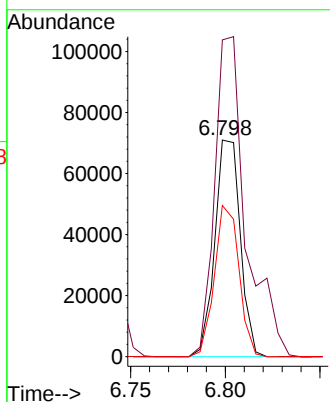
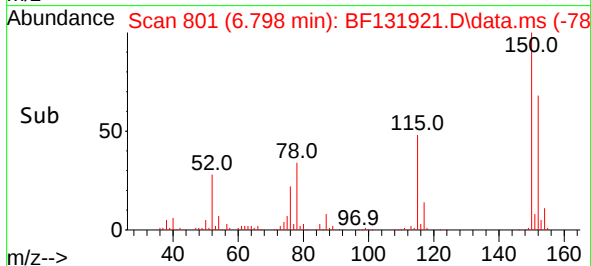
Instrument :
 BNA_F
 ClientSampleId :
 PE-12MS



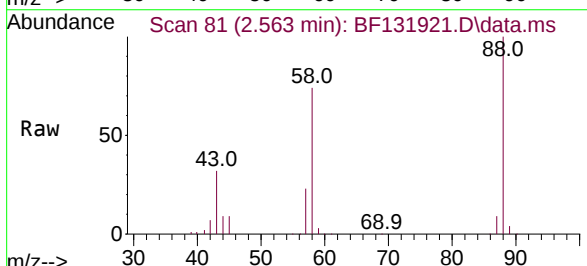
Tgt Ion:152 Resp: 66280
 Ion Ratio Lower Upper
 152 100
 150 146.3 120.0 180.0
 115 69.8 55.1 82.7

Manual Integrations
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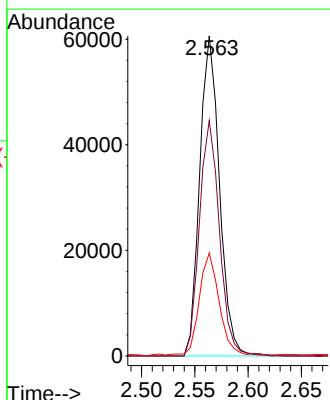
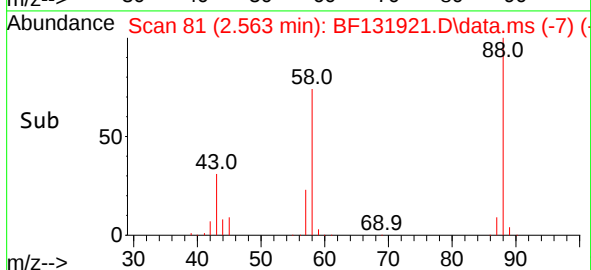
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023

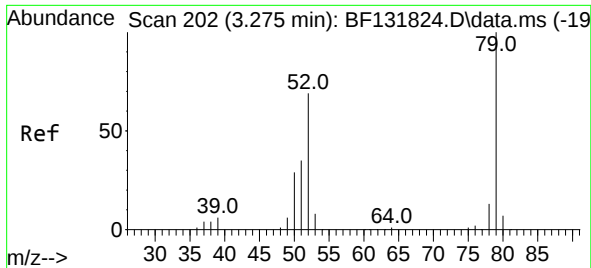


#2
 1,4-Dioxane
 Concen: 42.173 ng
 RT: 2.563 min Scan# 81
 Delta R.T. 0.083 min
 Lab File: BF131921.D
 Acq: 05 Jan 2023 18:28



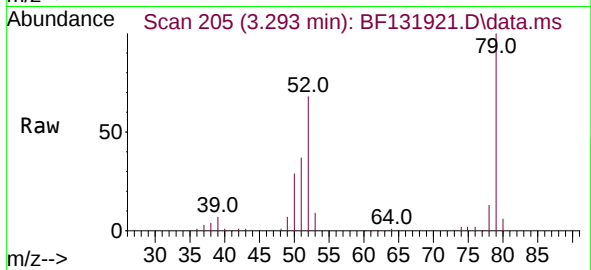
Tgt Ion: 88 Resp: 78217
 Ion Ratio Lower Upper
 88 100
 58 74.1 58.2 87.2
 43 31.7 24.2 36.4





#3
Pyridine
Concen: 40.677 ng
RT: 3.293 min Scan# 20
Delta R.T. 0.083 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

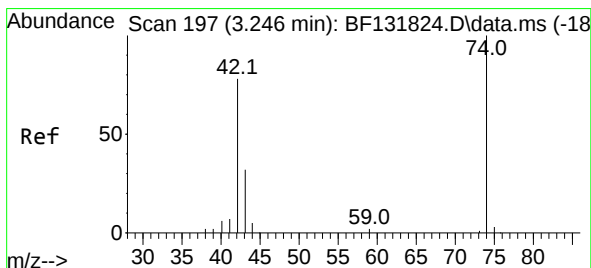
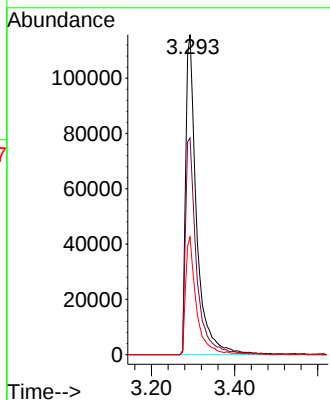
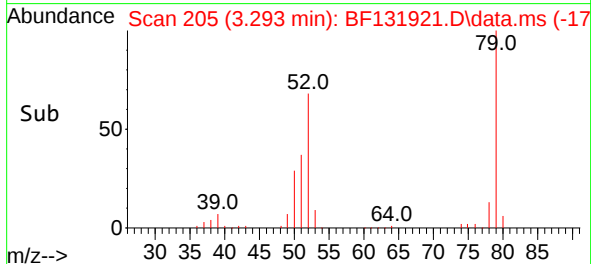
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion: 79 Resp: 212088
Ion Ratio Lower Upper
79 100
52 67.7 55.4 83.2
51 36.7 27.8 41.8

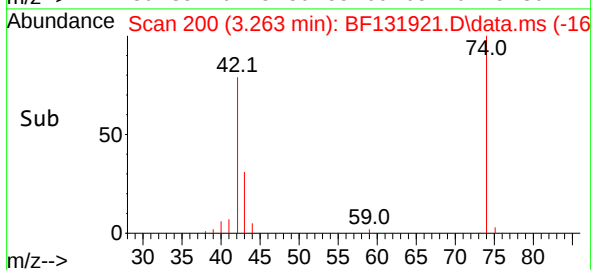
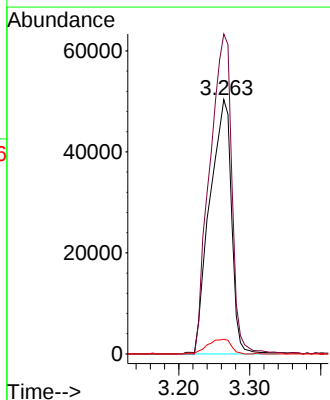
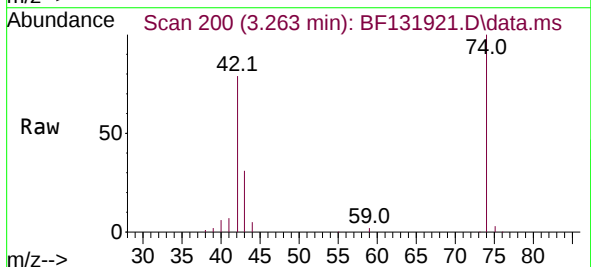
Manual Integrations
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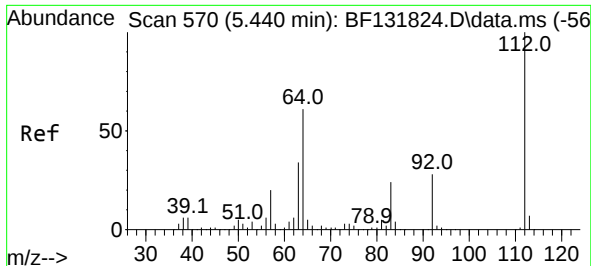
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#4
n-Nitrosodimethylamine
Concen: 43.645 ng
RT: 3.263 min Scan# 200
Delta R.T. 0.083 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

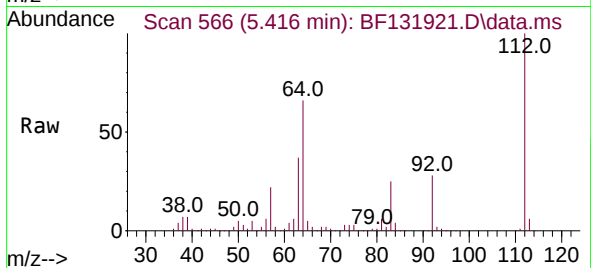
Tgt Ion: 42 Resp: 106999
Ion Ratio Lower Upper
42 100
74 125.8 102.0 153.0
44 5.8 4.6 7.0





#5
2-Fluorophenol
Concen: 84.921 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

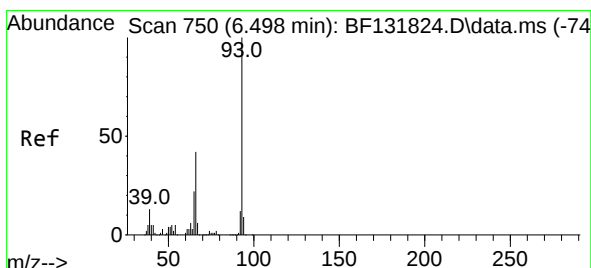
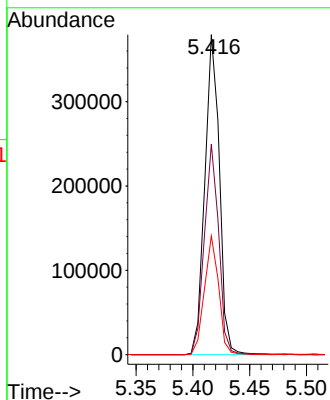
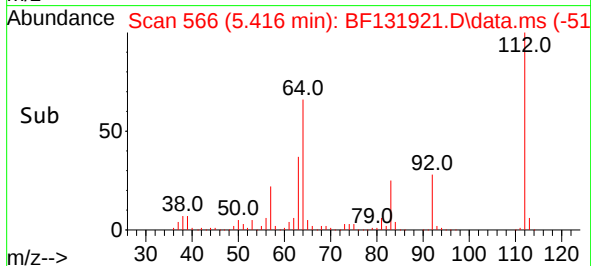
Instrument :
BNA_F
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Tgt Ion:112 Resp: 339637
Ion Ratio Lower Upper
112 100
64 65.9 49.2 73.8
63 37.1 27.5 41.3

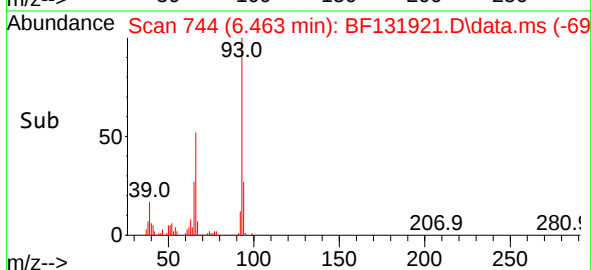
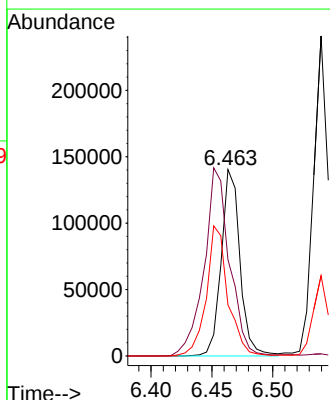
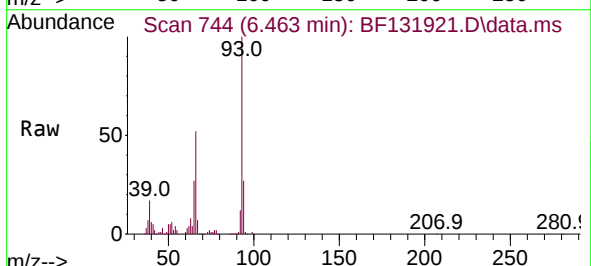
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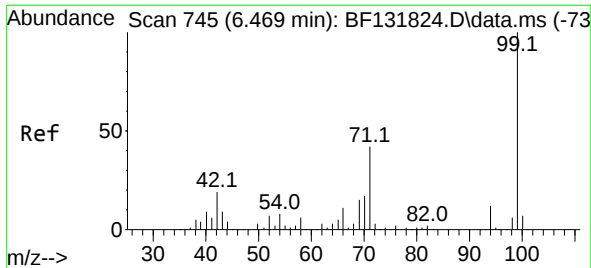
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#6
Aniline
Concen: 23.539 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion: 93 Resp: 150003
Ion Ratio Lower Upper
93 100
66 51.5 33.9 50.9#
65 27.3 17.4 26.0#





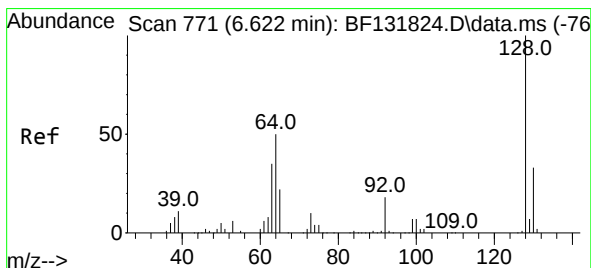
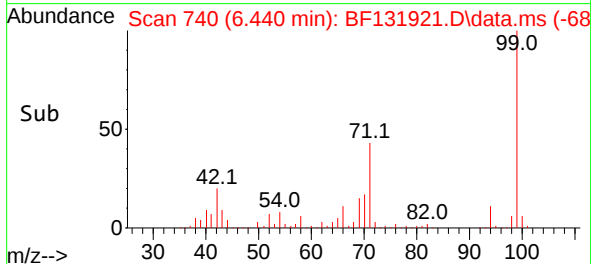
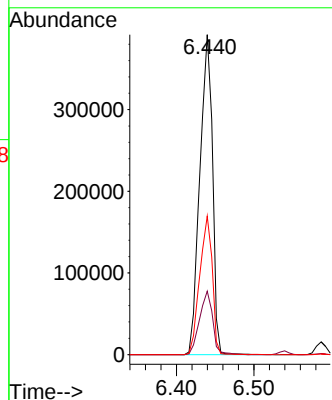
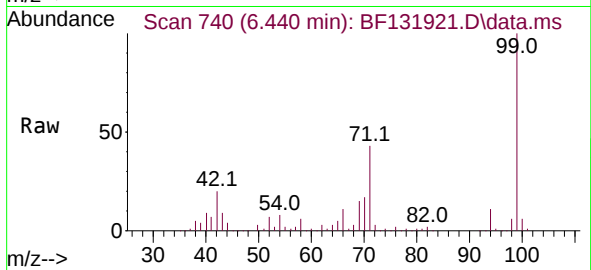
#7
Phenol-d6
Concen: 84.400 ng
RT: 6.440 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 99 Resp: 443483
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.3 33.5 50.3

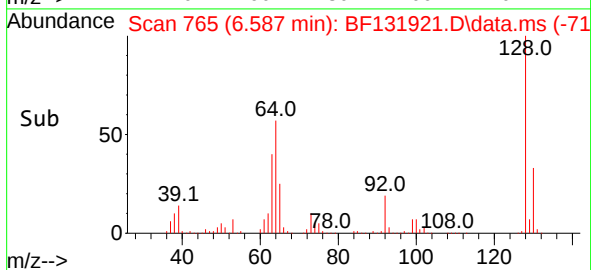
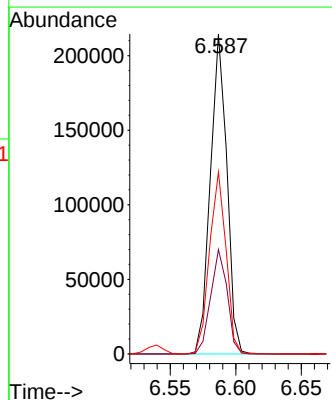
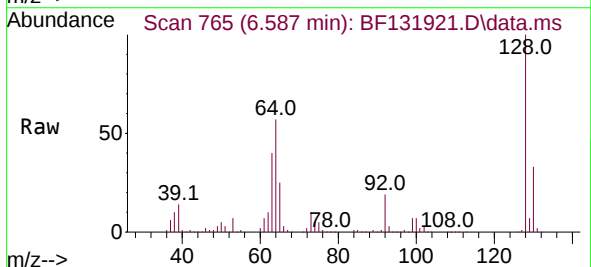
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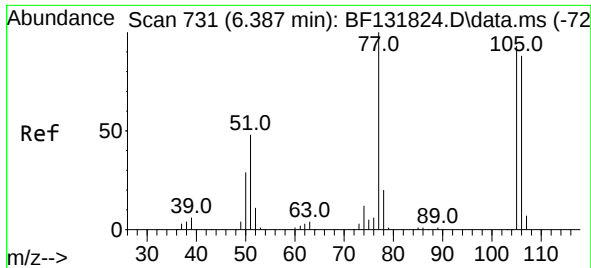
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#8
2-Chlorophenol
Concen: 44.627 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:128 Resp: 188045
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 56.9 30.7 70.7





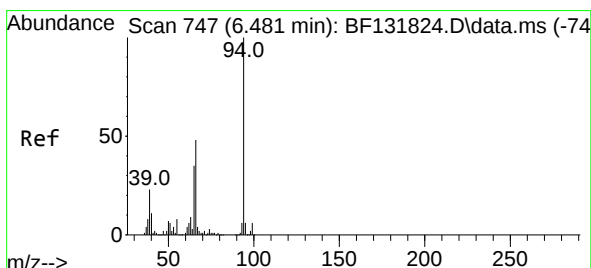
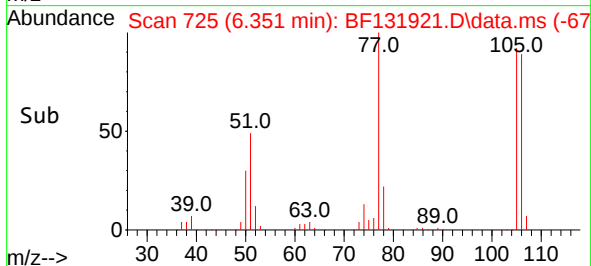
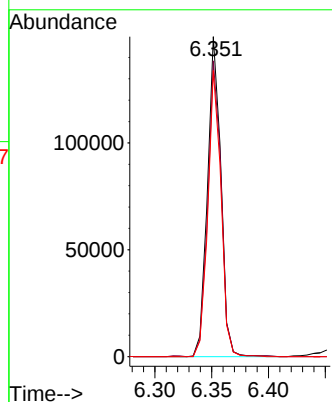
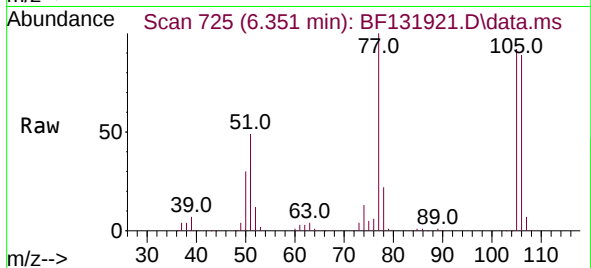
#9
Benzaldehyde
Concen: 36.469 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 77 Resp: 122959
Ion Ratio Lower Upper
77 100
105 92.4 72.9 112.9
106 89.4 68.5 108.5

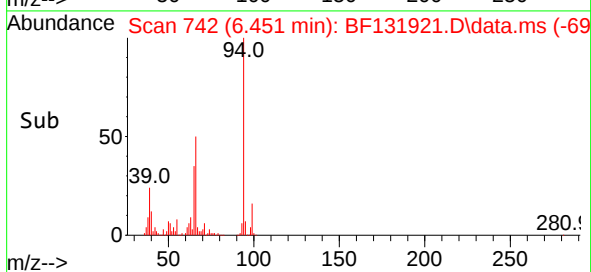
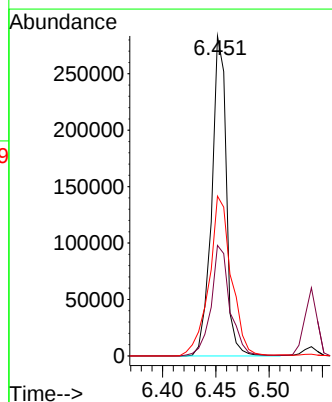
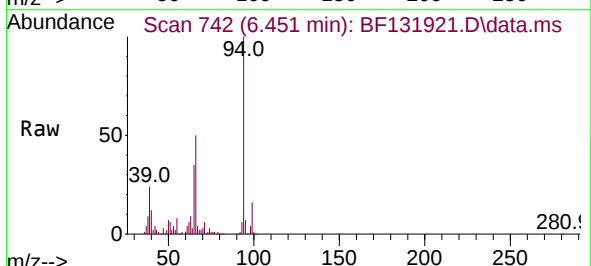
Manual Integrations
APPROVED

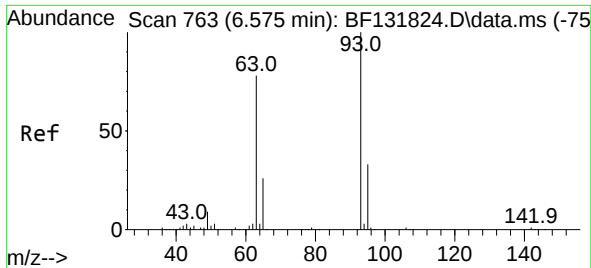
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#10
Phenol
Concen: 43.209 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion: 94 Resp: 270381
Ion Ratio Lower Upper
94 100
65 34.5 14.6 54.6
66 49.9 28.2 68.2





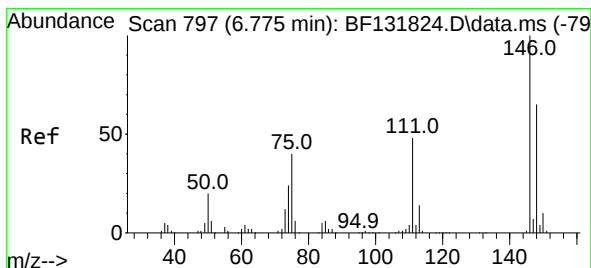
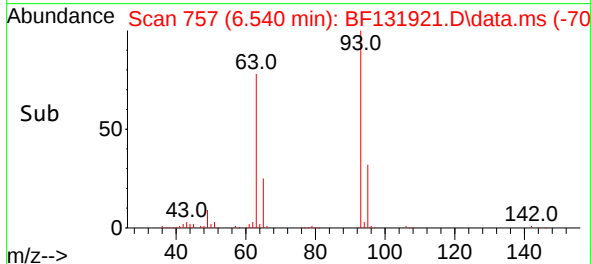
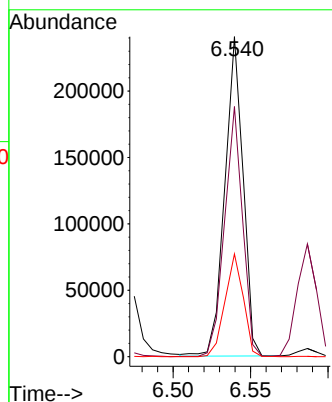
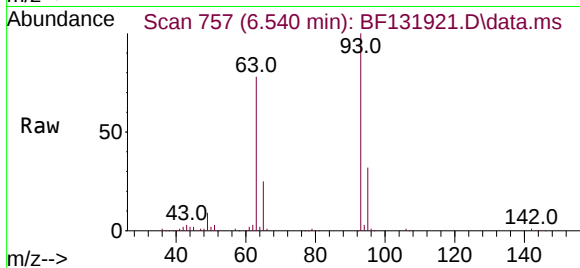
#11
bis(2-Chloroethyl)ether
Concen: 44.298 ng
RT: 6.540 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 93 Resp: 198221
Ion Ratio Lower Upper
93 100
63 78.1 57.6 97.6
95 32.1 12.7 52.7

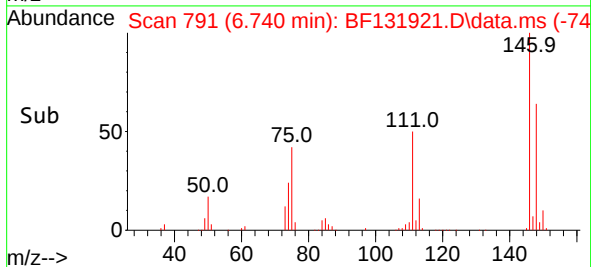
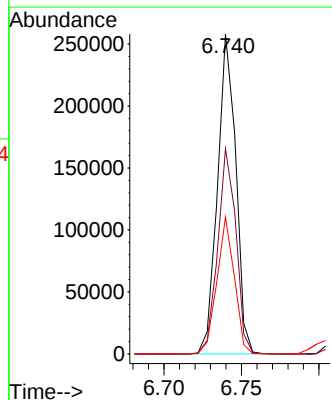
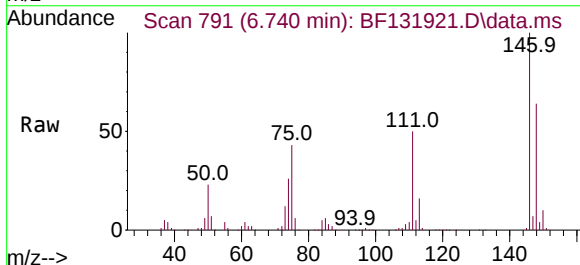
Manual Integrations
APPROVED

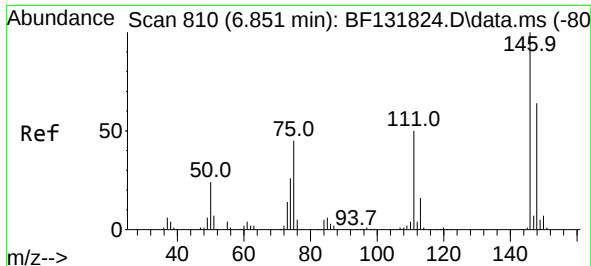
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#12
1,3-Dichlorobenzene
Concen: 43.963 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:146 Resp: 211692
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 42.8 32.2 48.4





#13

1,4-Dichlorobenzene

Concen: 44.260 ng

RT: 6.822 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

Tgt Ion:146 Resp: 214785

Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

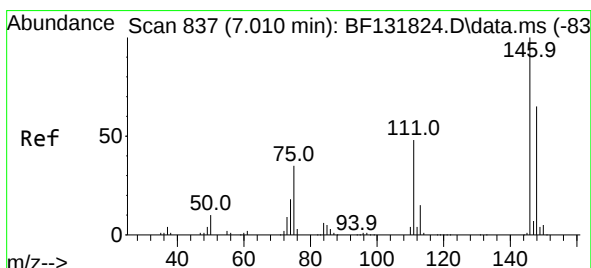
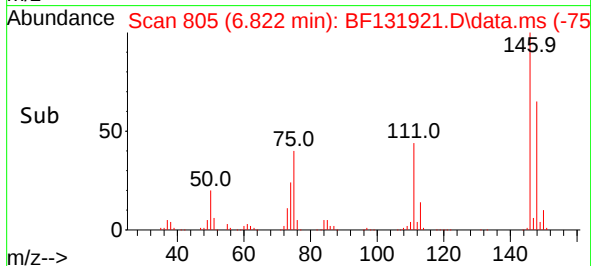
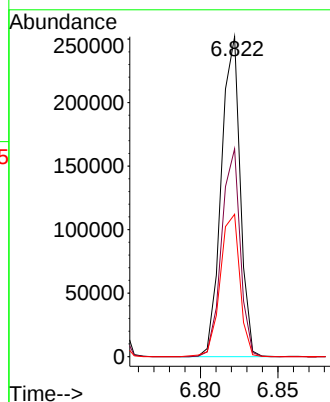
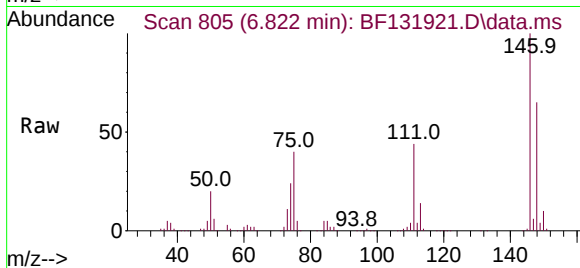
111 44.5 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#14

1,2-Dichlorobenzene

Concen: 44.775 ng

RT: 6.969 min Scan# 830

Delta R.T. -0.006 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

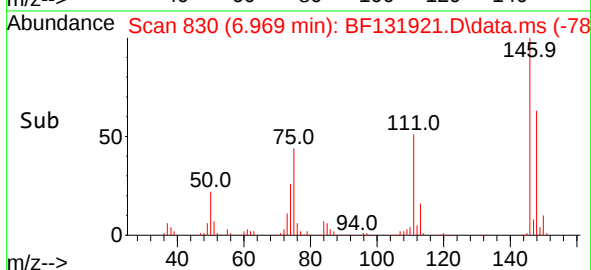
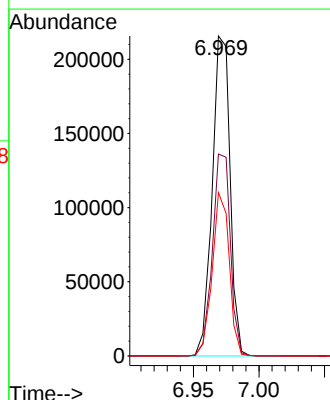
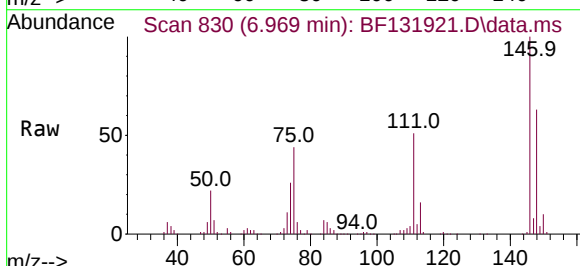
Tgt Ion:146 Resp: 204171

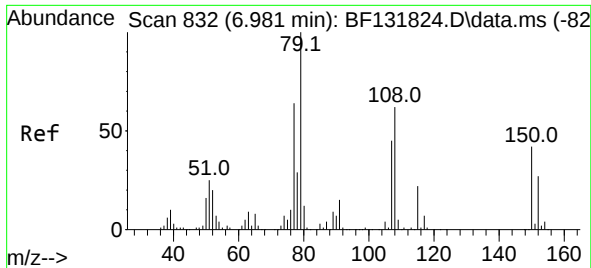
Ion Ratio Lower Upper

146 100

148 63.1 52.2 78.4

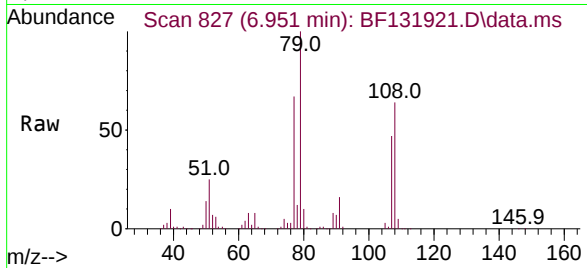
111 51.0 38.2 57.4





#15
Benzyl Alcohol
Concen: 45.396 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

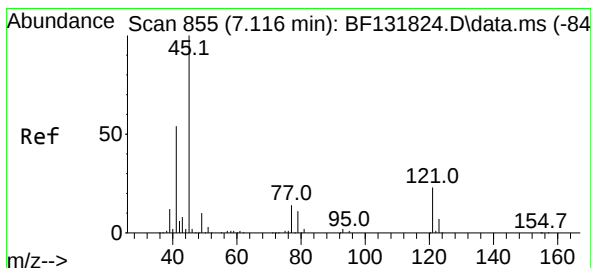
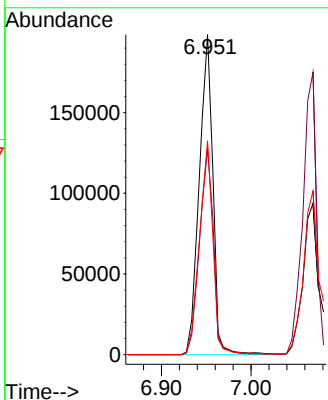
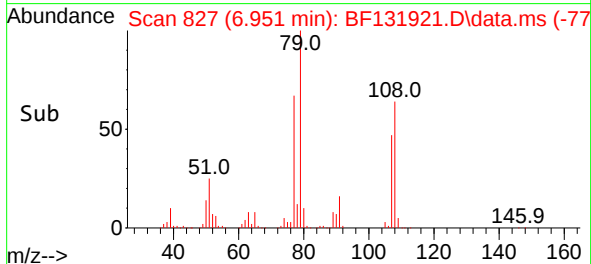
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion: 79 Resp: 209186
Ion Ratio Lower Upper
79 100
108 64.3 49.8 74.8
77 66.8 51.4 77.0

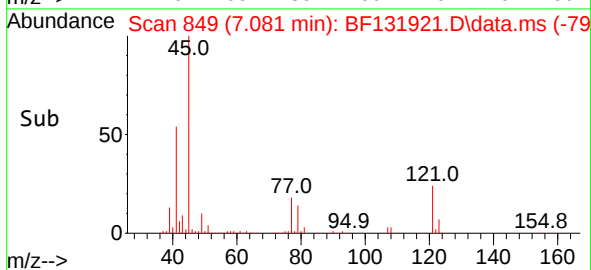
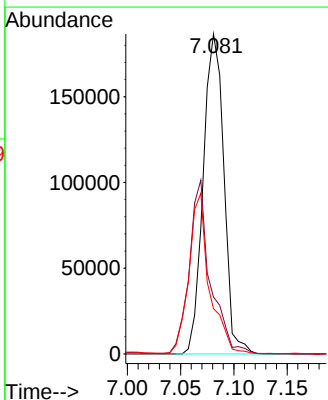
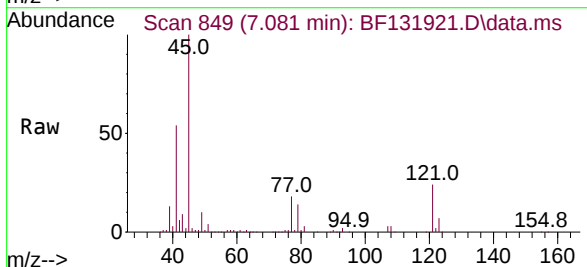
Manual Integrations
APPROVED

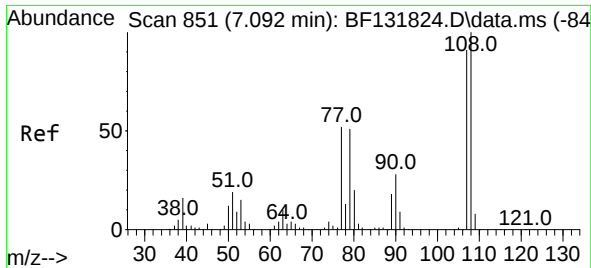
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.002 ng
RT: 7.081 min Scan# 849
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

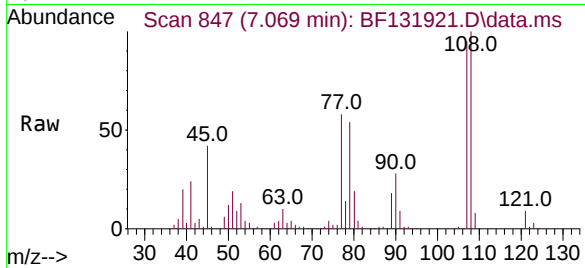
Tgt Ion: 45 Resp: 251270
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.1
79 14.1 0.0 33.3





#17
2-Methylphenol
Concen: 44.413 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

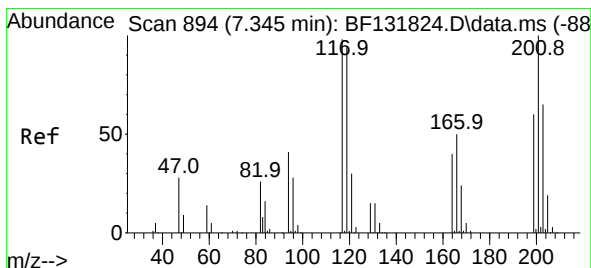
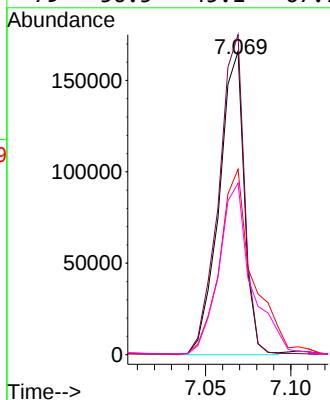
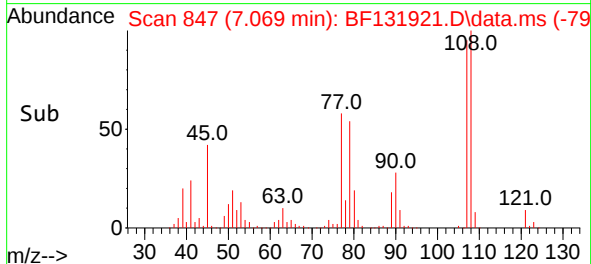
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:107 Resp: 171086
Ion Ratio Lower Upper
107 100
108 105.6 87.6 131.4
77 61.1 45.8 68.8
79 56.5 45.1 67.7

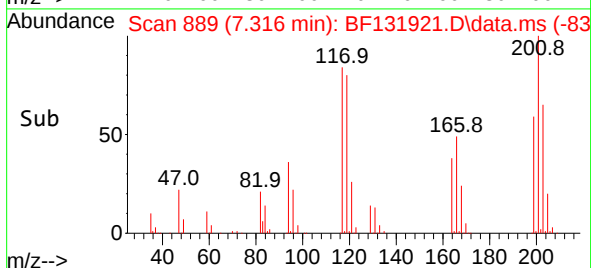
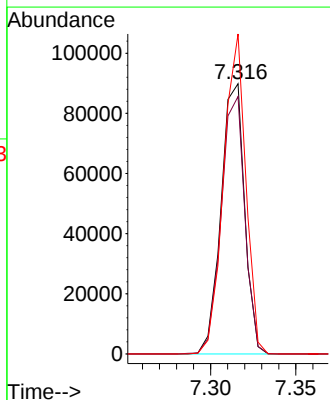
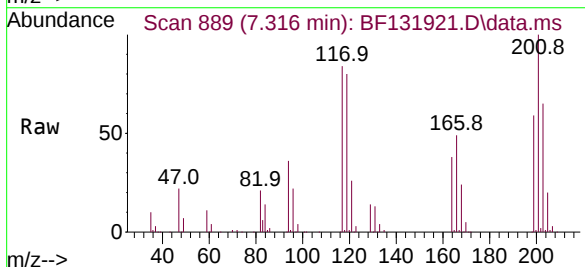
Manual Integrations
APPROVED

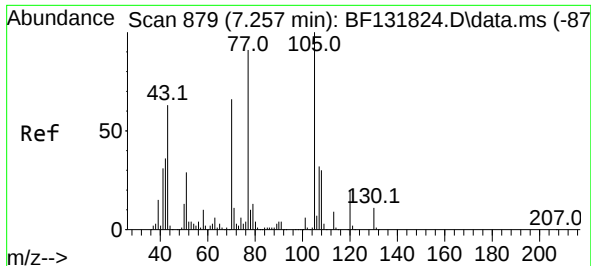
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#18
Hexachloroethane
Concen: 44.126 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:117 Resp: 86469
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7
201 118.4 81.7 122.5





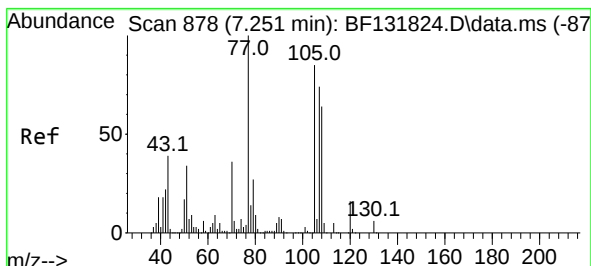
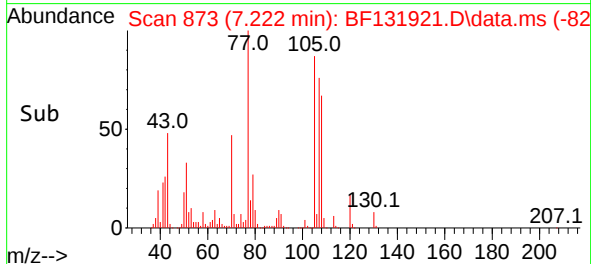
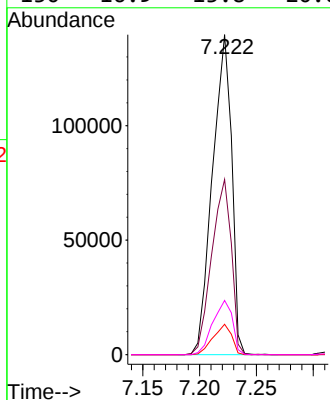
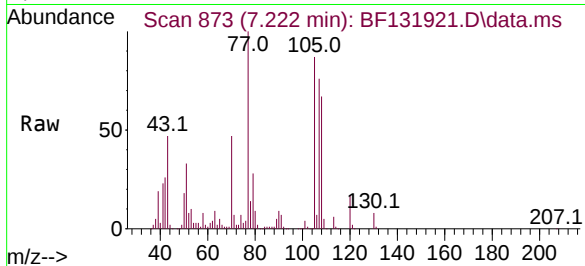
#19
n-Nitroso-di-n-propylamine
Concen: 44.115 ng
RT: 7.222 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 70 Resp: 163710
Ion Ratio Lower Upper
70 100
42 54.7 43.8 65.6
101 9.5 7.4 11.0
130 16.9 13.8 20.6

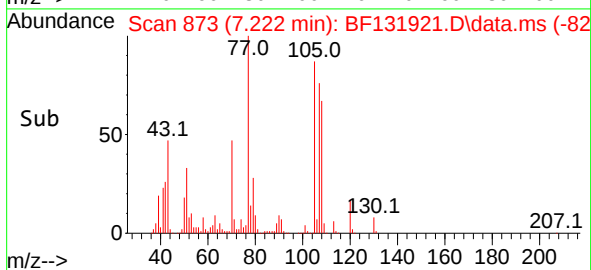
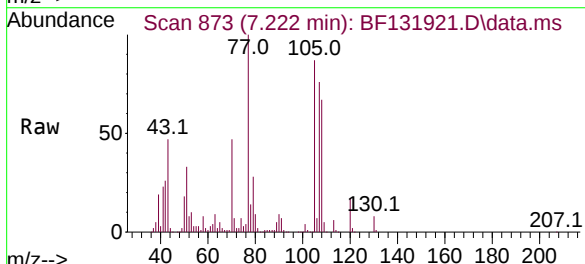
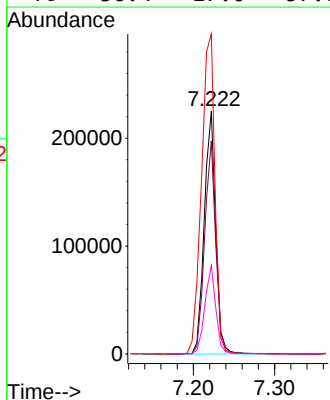
Manual Integrations
APPROVED

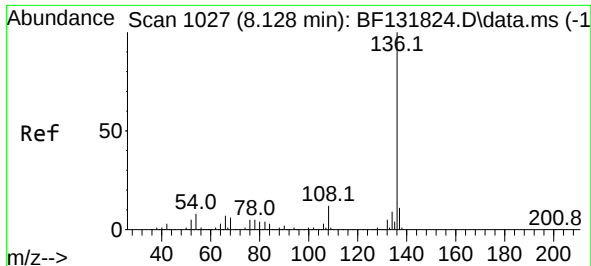
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#20
3+4-Methylphenols
Concen: 43.723 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

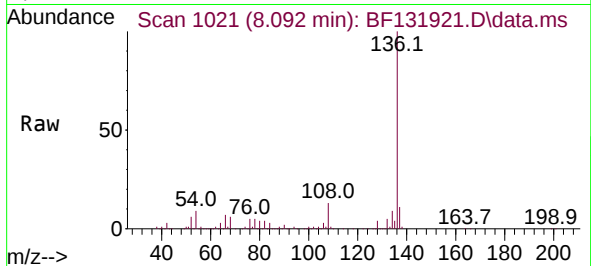
Tgt Ion:107 Resp: 219762
Ion Ratio Lower Upper
107 100
108 87.7 67.1 107.1
77 131.8 114.9 154.9
79 36.4 17.0 57.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

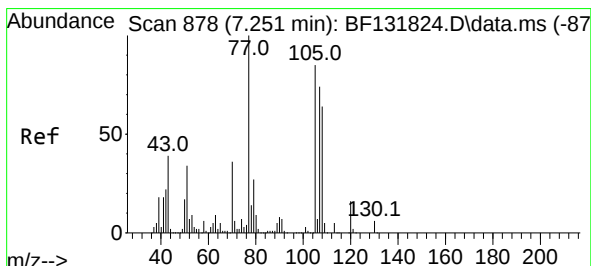
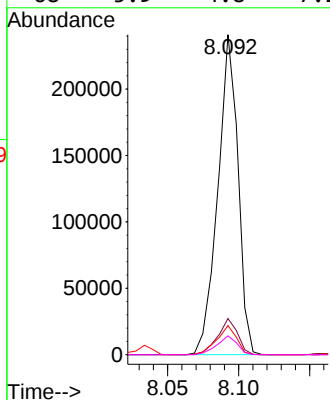
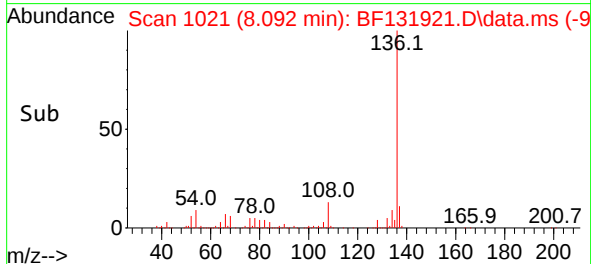
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:136 Resp: 237387
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.1 6.7 10.1
68 5.9 4.8 7.2

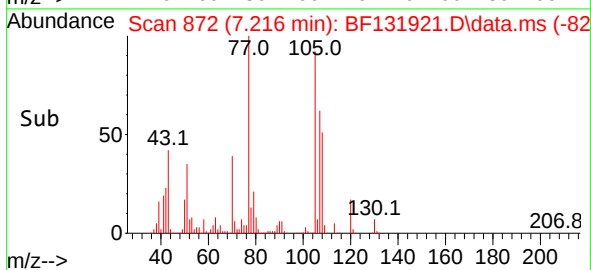
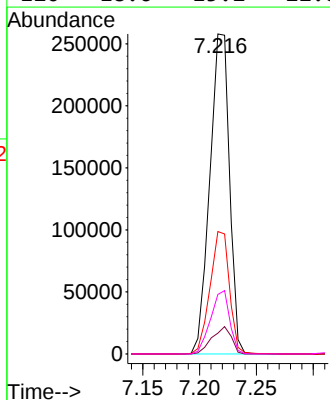
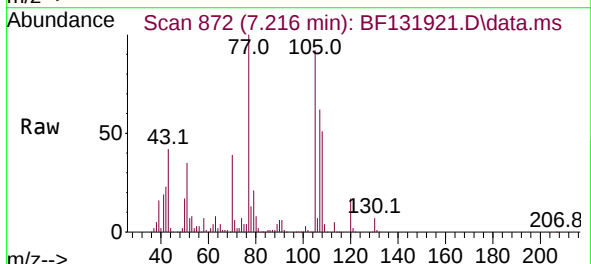
Manual Integrations
APPROVED

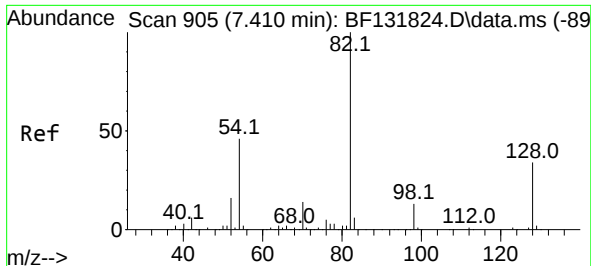
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#22
Acetophenone
Concen: 44.631 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:105 Resp: 310610
Ion Ratio Lower Upper
105 100
71 6.5 5.4 8.0
51 38.2 31.9 47.9
120 18.6 15.2 22.8





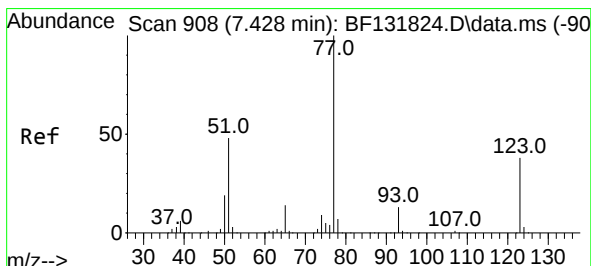
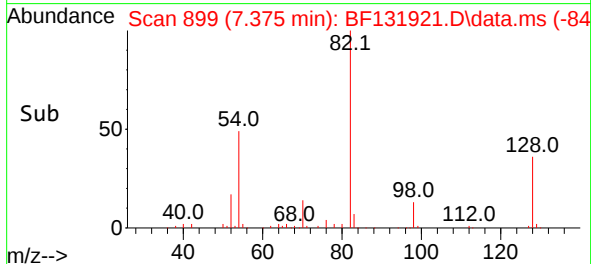
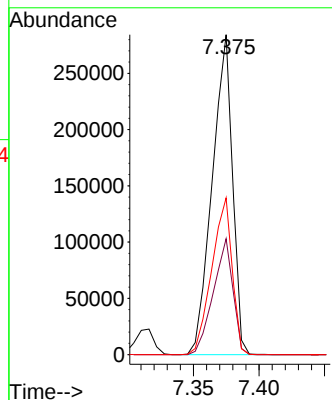
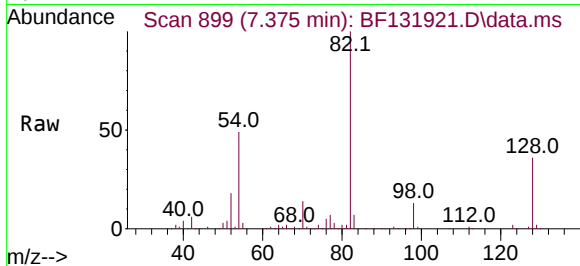
#23
Nitrobenzene-d5
Concen: 51.437 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 82 Resp: 305833
Ion Ratio Lower Upper
82 100
128 36.3 27.1 40.7
54 49.0 37.0 55.6

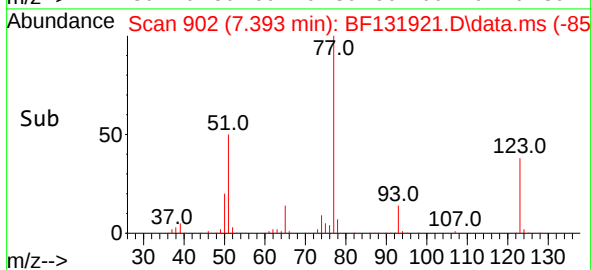
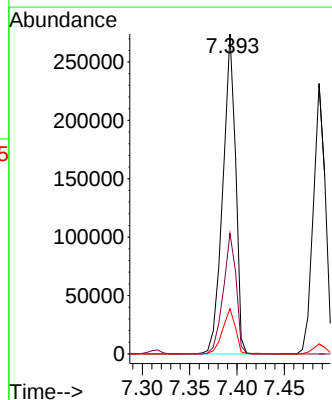
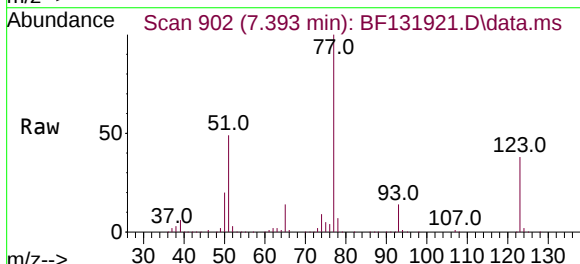
Manual Integrations
APPROVED

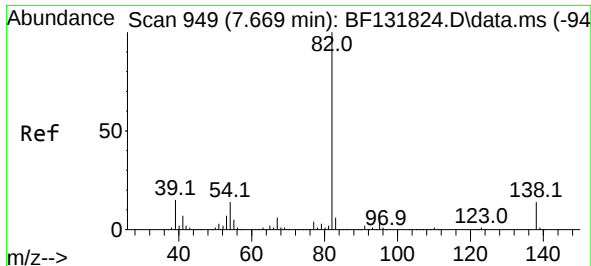
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#24
Nitrobenzene
Concen: 43.051 ng
RT: 7.393 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion: 77 Resp: 256528
Ion Ratio Lower Upper
77 100
123 37.7 30.4 45.6
65 14.2 11.1 16.7





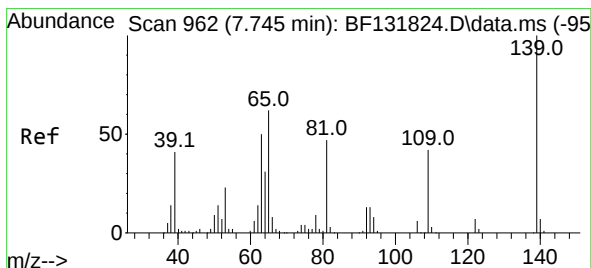
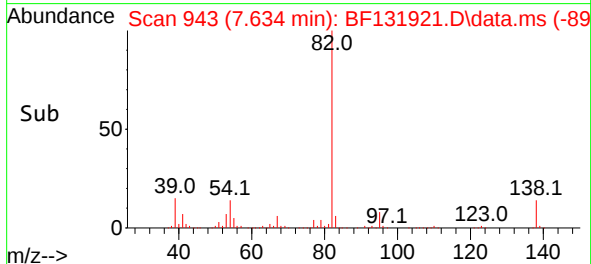
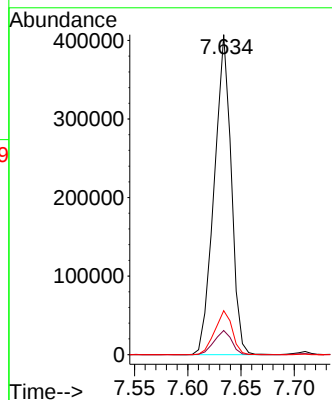
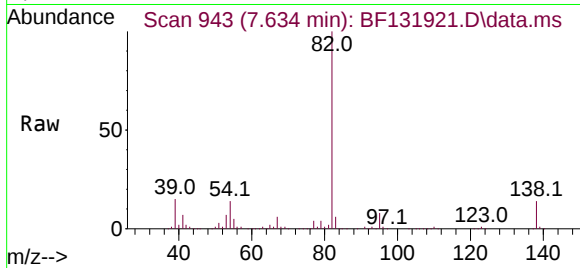
#25
Isophorone
Concen: 46.598 ng
RT: 7.634 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion: 82 Resp: 452459
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 13.7 11.5 17.3

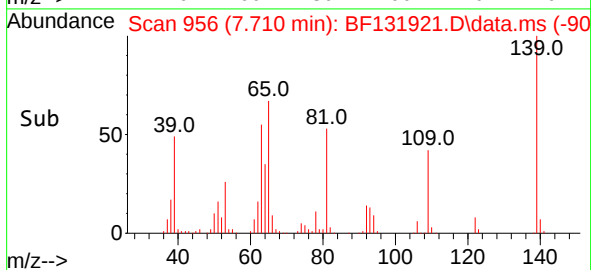
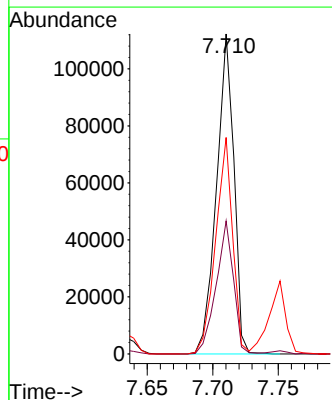
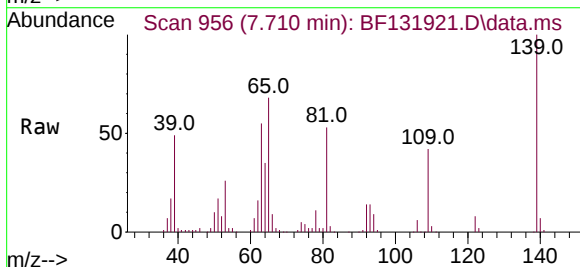
Manual Integrations
APPROVED

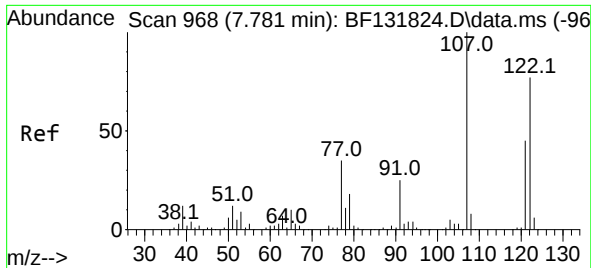
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#26
2-Nitrophenol
Concen: 44.673 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

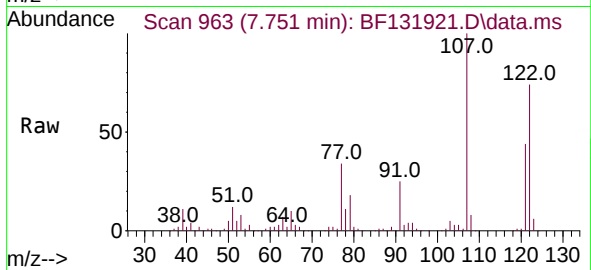
Tgt Ion:139 Resp: 103496
Ion Ratio Lower Upper
139 100
109 41.6 33.7 50.5
65 67.6 49.4 74.2





#27
2,4-Dimethylphenol
Concen: 51.842 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

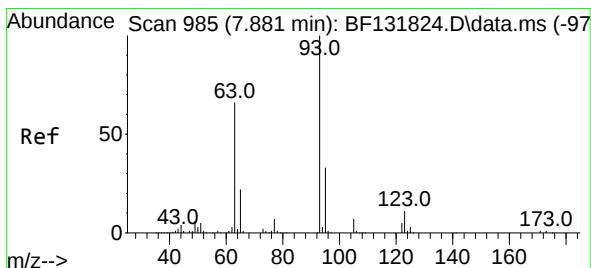
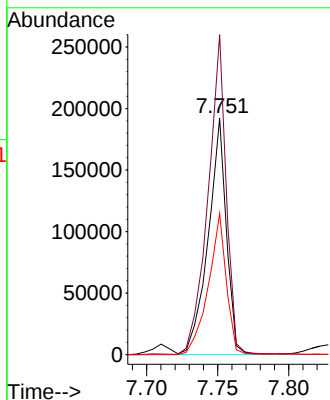
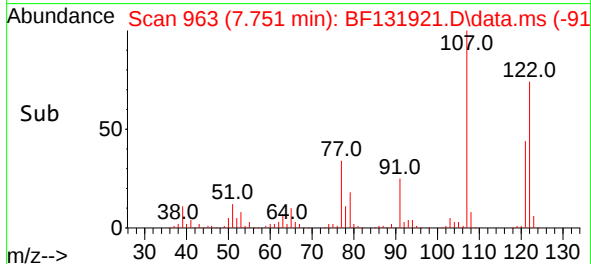
Instrument :
BNA_F
ClientSampleId :
PE-12MS



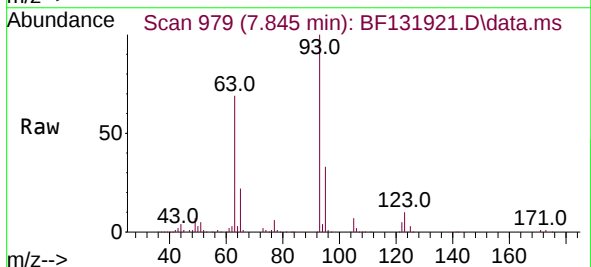
Tgt Ion:122 Resp: 171324
Ion Ratio Lower Upper
122 100
107 135.3 104.4 156.6
121 59.6 46.8 70.2

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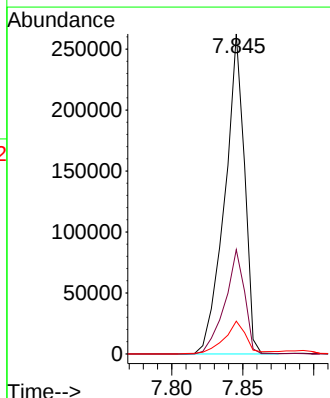
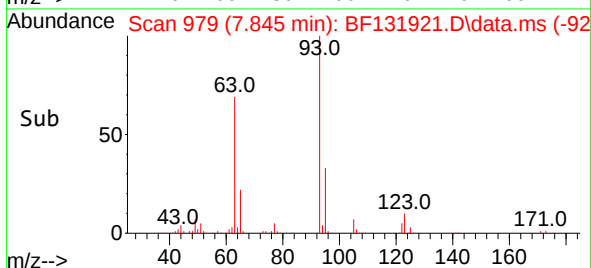
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

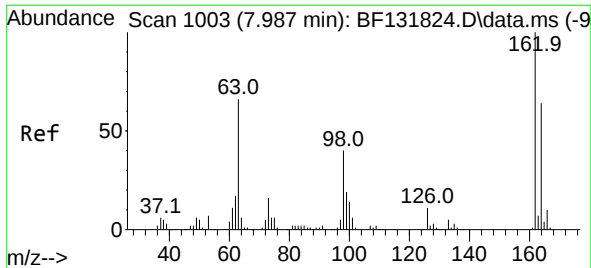


#28
bis(2-Chloroethoxy)methane
Concen: 48.557 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion: 93 Resp: 252943
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 10.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 44.055 ng

RT: 7.957 min Scan# 998

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

Tgt Ion:162 Resp: 175402

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

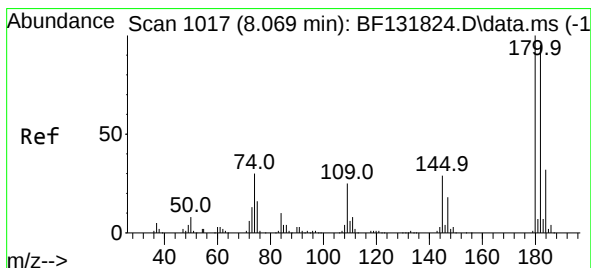
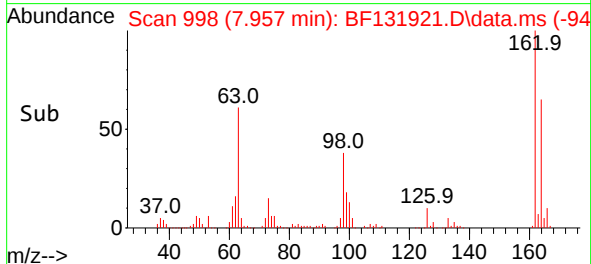
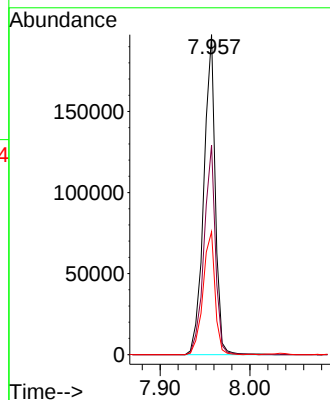
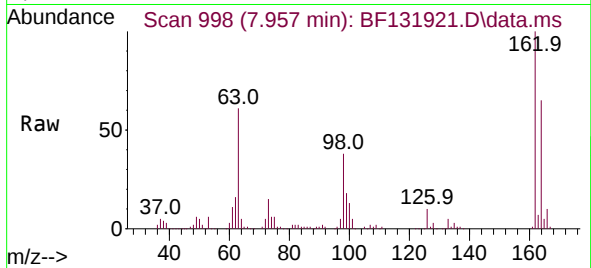
98 38.4 19.9 59.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.036 ng

RT: 8.034 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

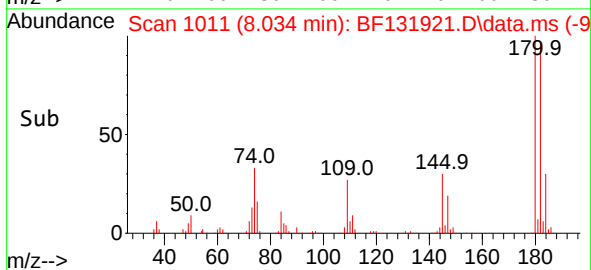
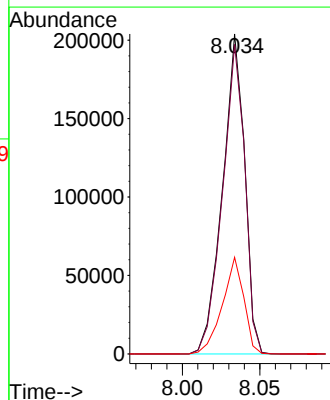
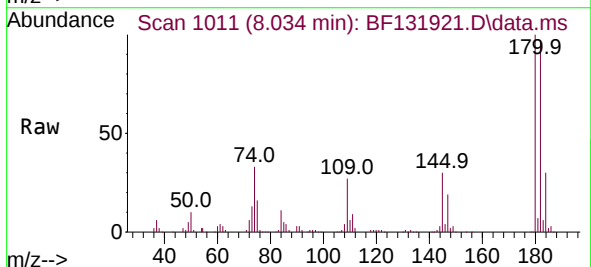
Tgt Ion:180 Resp: 203155

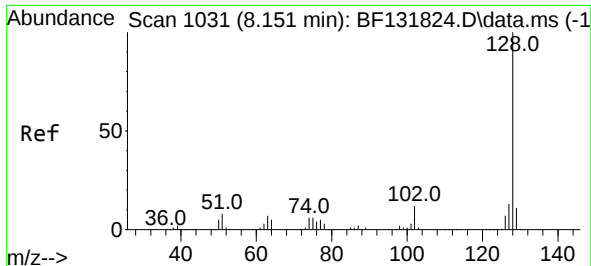
Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.4

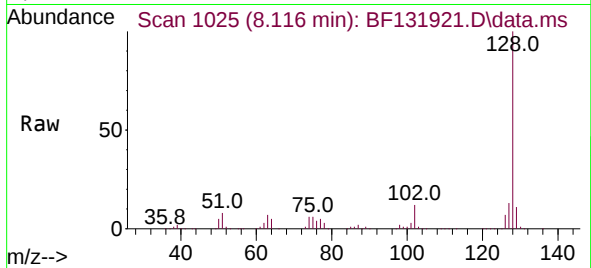
145 30.2 23.3 34.9





#31
Naphthalene
Concen: 42.502 ng
RT: 8.116 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

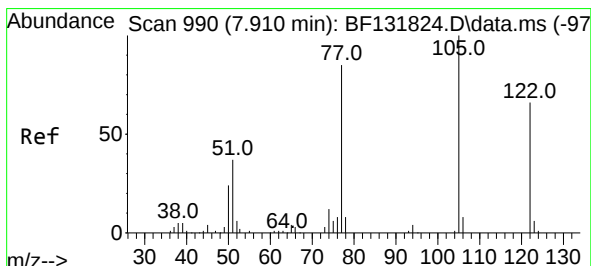
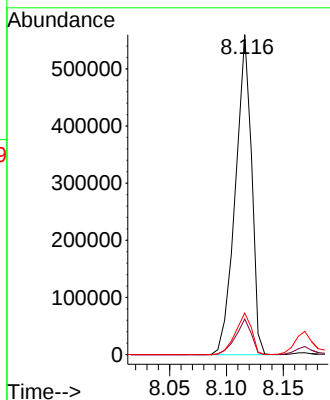
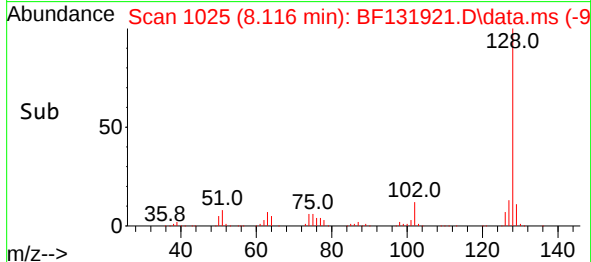
Instrument :
BNA_F
ClientSampleId :
PE-12MS



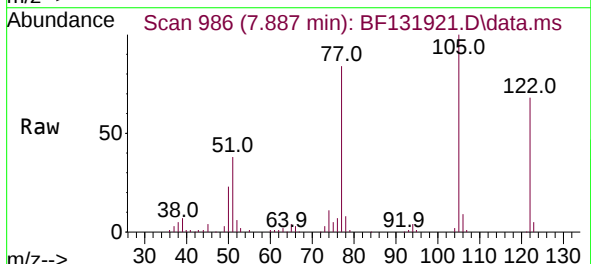
Tgt Ion:128 Resp: 552544
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.6 15.8

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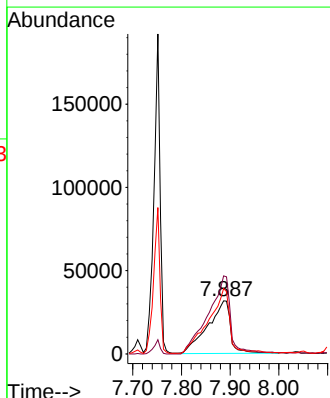
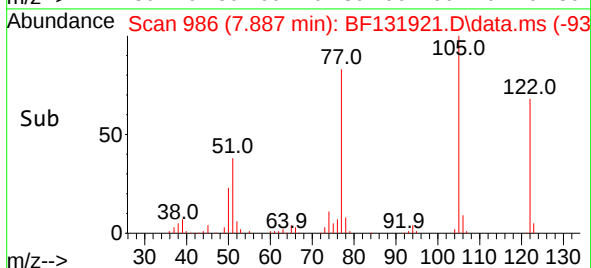
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

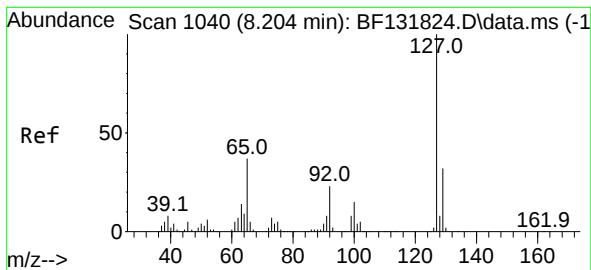


#32
Benzoic acid
Concen: 42.824 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:122 Resp: 103439
Ion Ratio Lower Upper
122 100
105 146.7 127.9 167.9
77 122.9 106.9 146.9





#33
4-Chloroaniline
Concen: 12.166 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

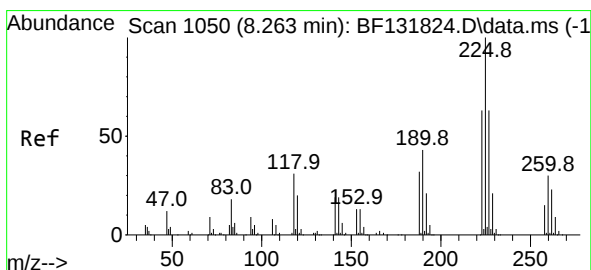
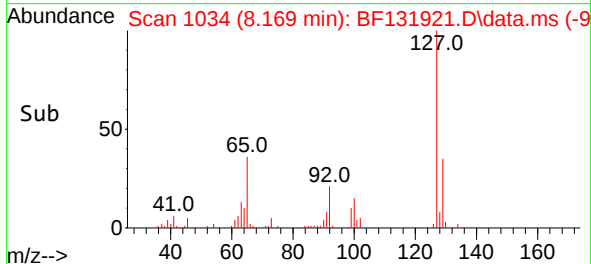
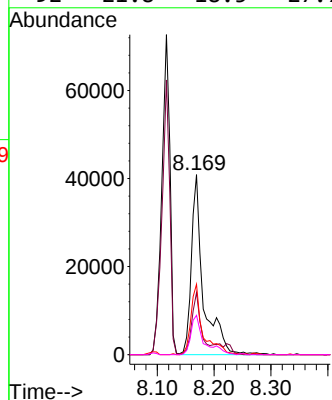
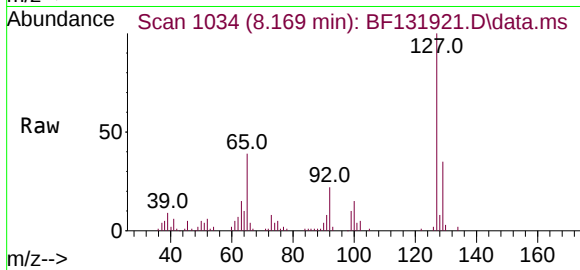
Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:127 Resp: 60690

Ion	Ratio	Lower	Upper
127	100		
129	34.5	25.8	38.8
65	39.1	29.7	44.5
92	21.8	18.5	27.7

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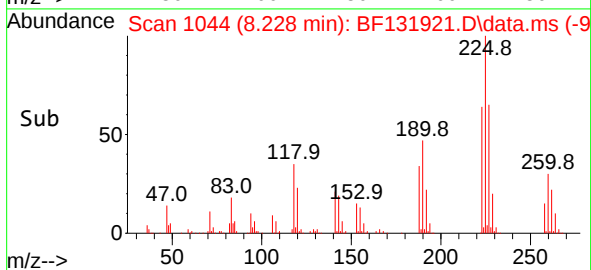
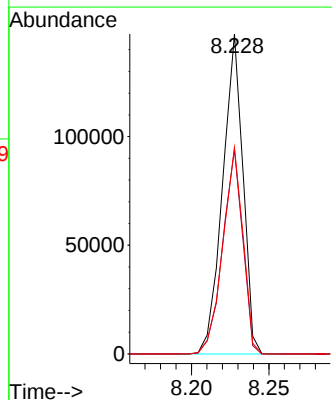
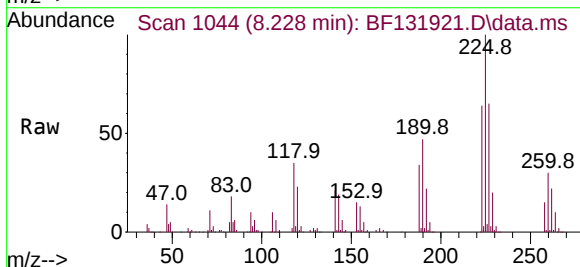
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

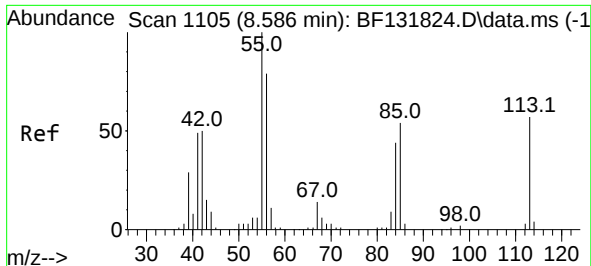


#34
Hexachlorobutadiene
Concen: 41.559 ng
RT: 8.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:225 Resp: 134219

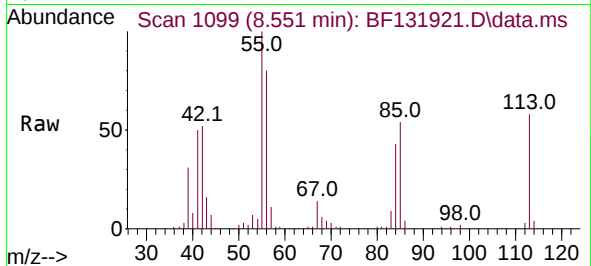
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	64.5	50.8	76.2





#35
Caprolactam
Concen: 45.314 ng m
RT: 8.551 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

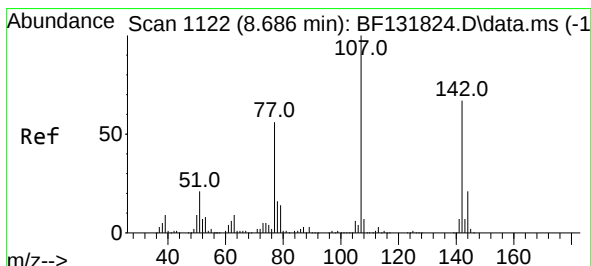
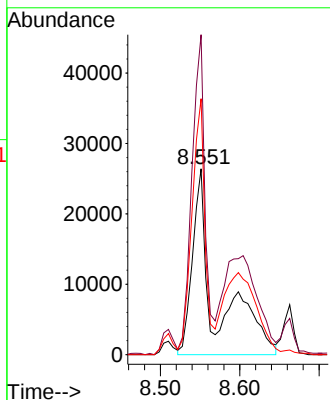
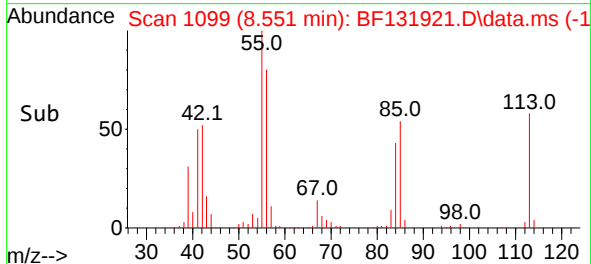
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:113 Resp: 53417
Ion Ratio Lower Upper
113 100
55 172.2 153.3 193.3
56 137.7 116.3 156.3

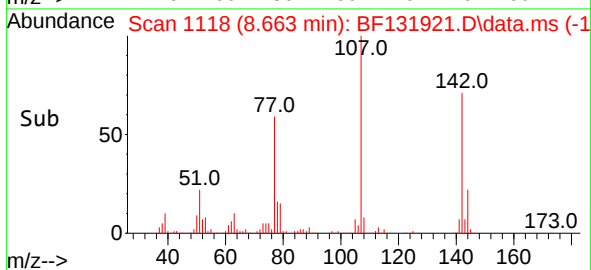
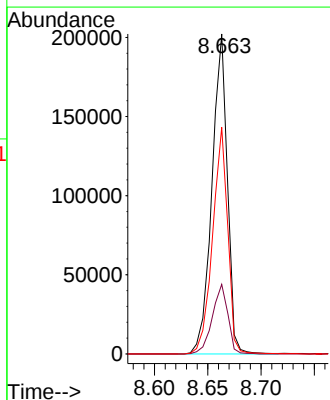
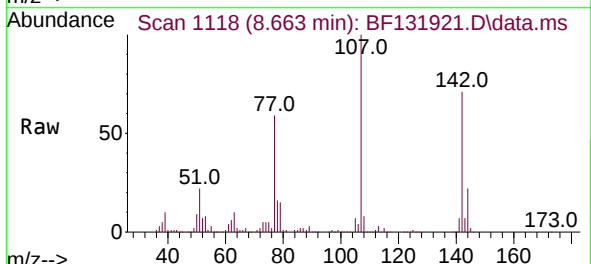
Manual Integrations
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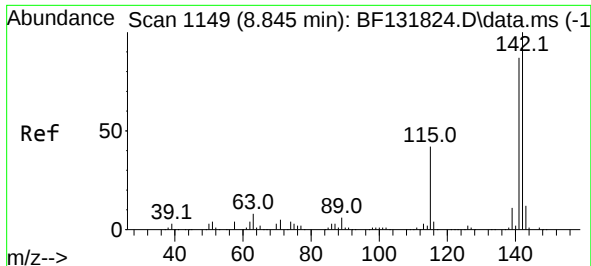
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#36
4-Chloro-3-methylphenol
Concen: 45.285 ng
RT: 8.663 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:107 Resp: 203774
Ion Ratio Lower Upper
107 100
144 21.7 16.8 25.2
142 70.8 53.8 80.8





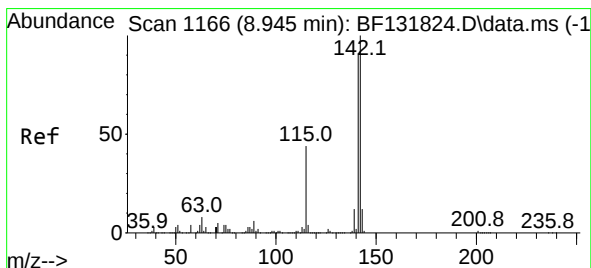
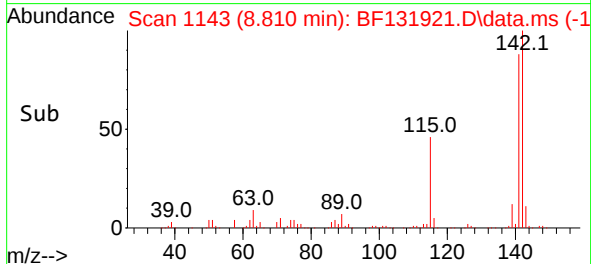
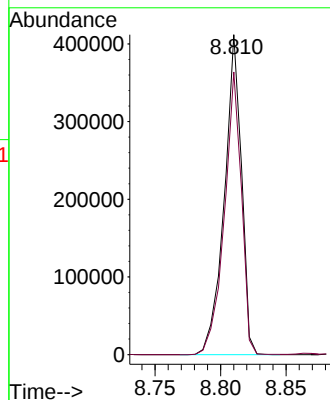
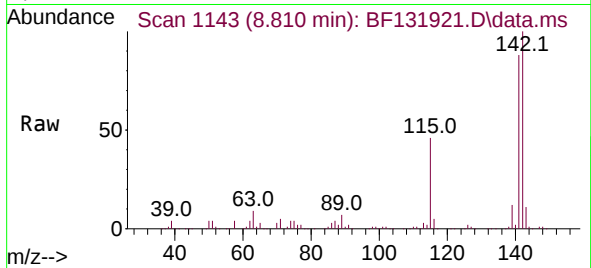
#37
2-Methylnaphthalene
Concen: 42.815 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:142 Resp: 373573
Ion Ratio Lower Upper
142 100
141 88.3 69.8 104.8

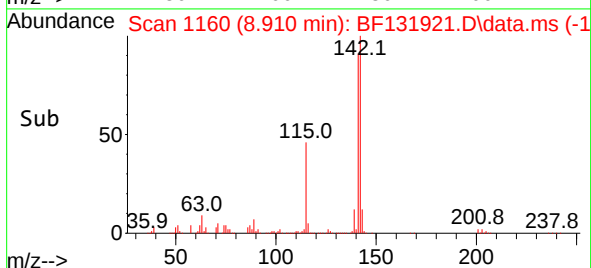
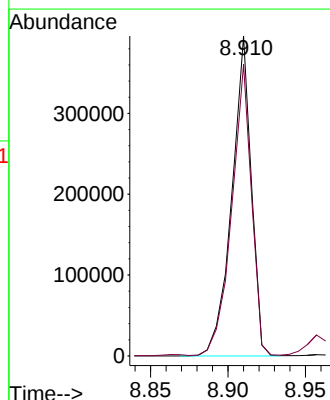
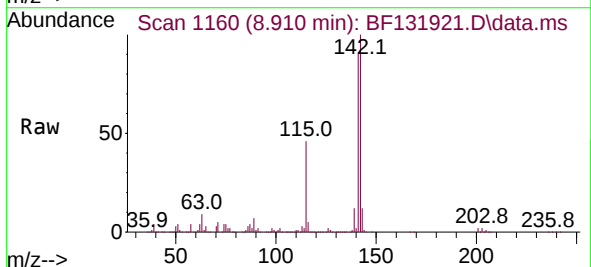
Manual Integrations
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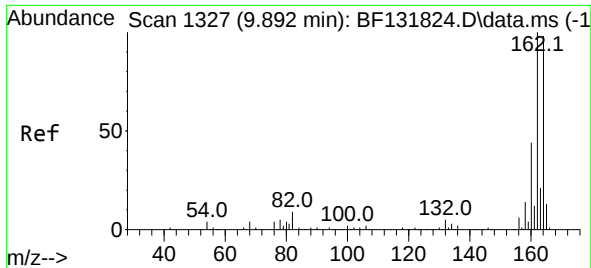
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#38
1-Methylnaphthalene
Concen: 41.099 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

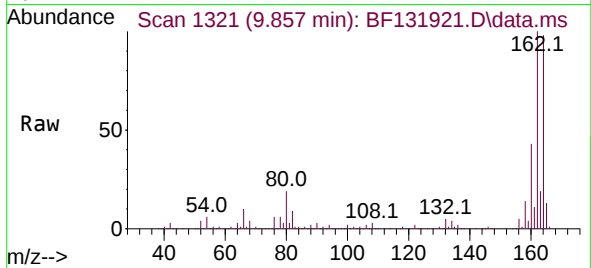
Tgt Ion:142 Resp: 348320
Ion Ratio Lower Upper
142 100
141 91.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

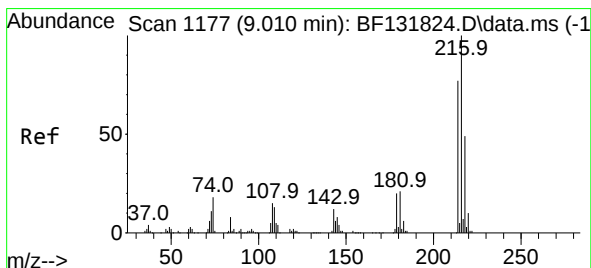
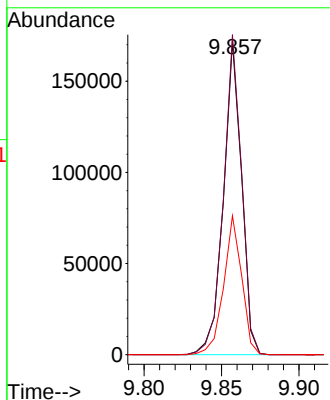
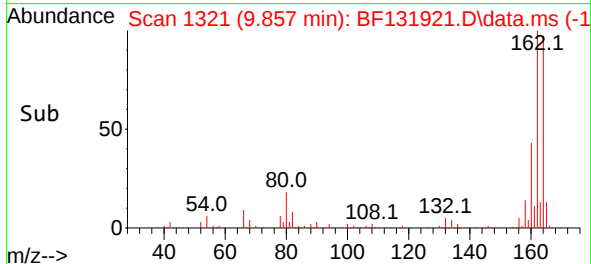
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:164 Resp: 14012
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.3 35.7 53.5

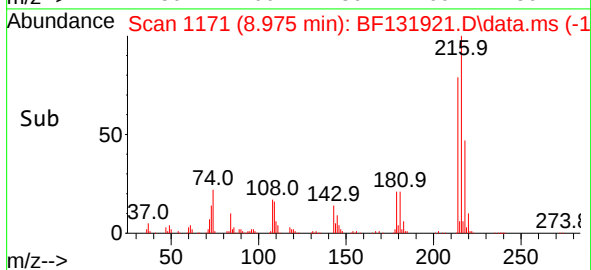
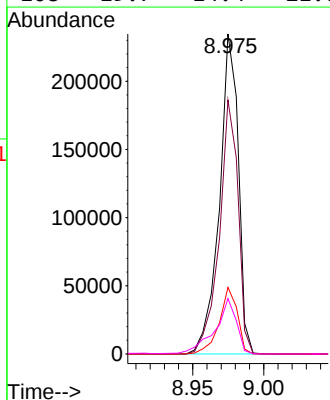
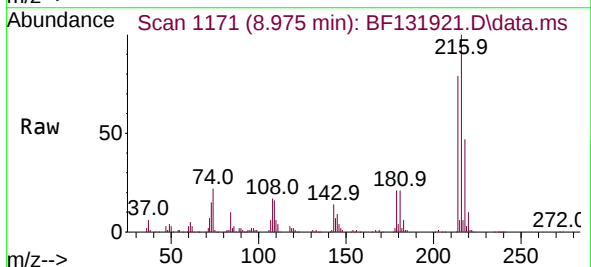
Manual Integrations
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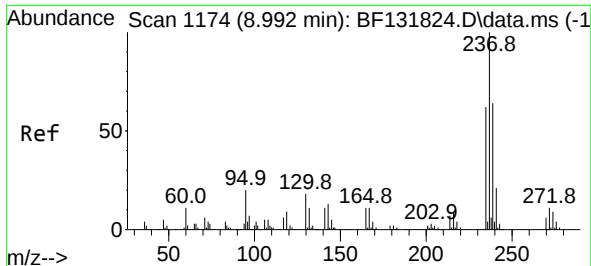
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.229 ng
RT: 8.975 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

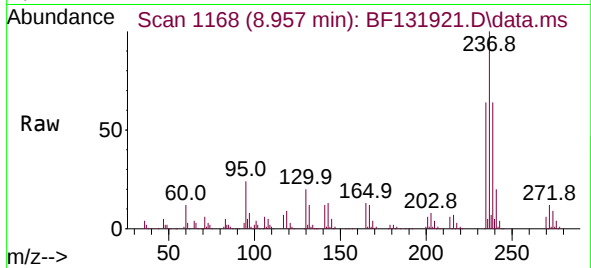
Tgt Ion:216 Resp: 217606
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 19.9 16.4 24.6
108 19.7 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 92.563 ng
RT: 8.957 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

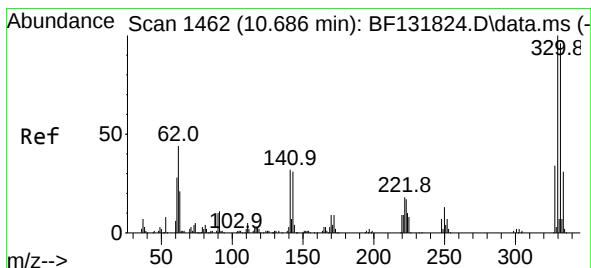
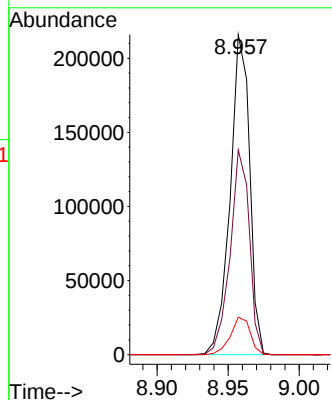
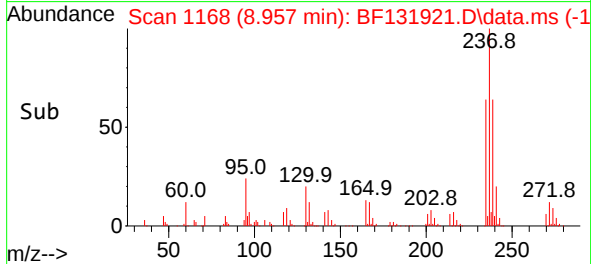
Instrument :
BNA_F
ClientSampleId :
PE-12MS



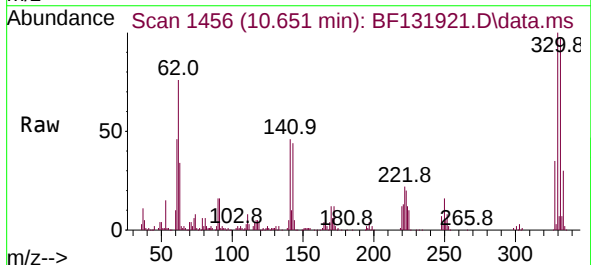
Tgt Ion: 237 Resp: 206022
Ion Ratio Lower Upper
237 100
235 63.9 42.3 82.3
272 11.7 0.0 31.4

Manual Integrations
APPROVED

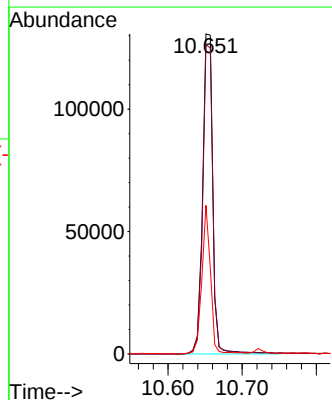
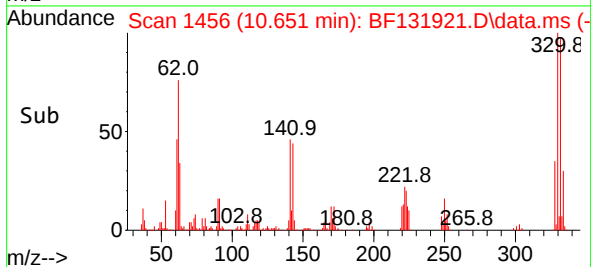
Reviewed By : Christian Giraldo 01/06/2023
Supervised By : Jagrut Upadhyay 01/06/2023

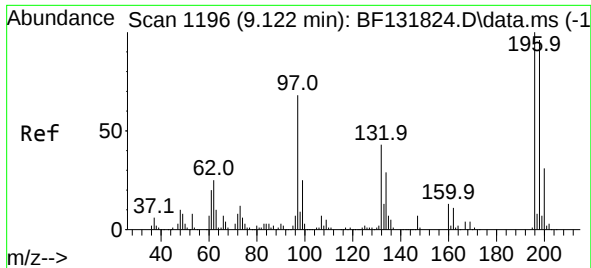


#42
2,4,6-Tribromophenol
Concen: 81.419 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



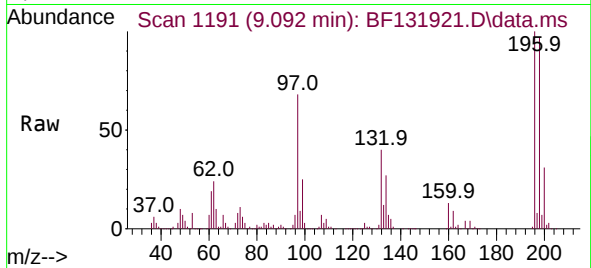
Tgt Ion: 330 Resp: 123954
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 39.8 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 43.377 ng
RT: 9.092 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

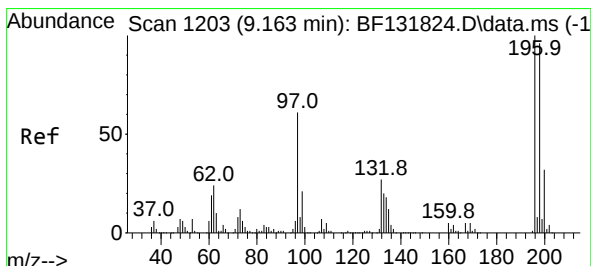
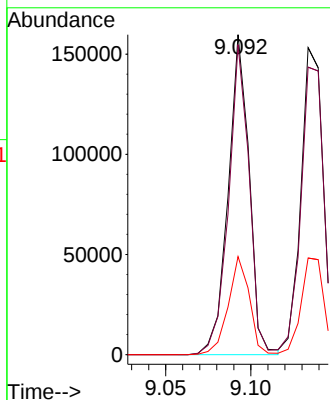
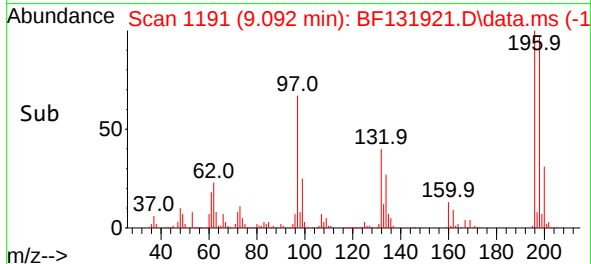
Instrument :
BNA_F
ClientSampleId :
PE-12MS



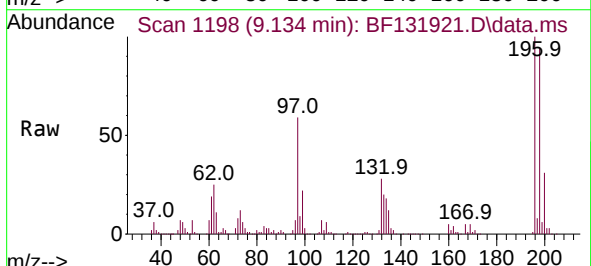
Tgt Ion:196 Resp: 136685
Ion Ratio Lower Upper
196 100
198 96.9 76.5 114.7
200 30.6 24.5 36.7

Manual Integrations
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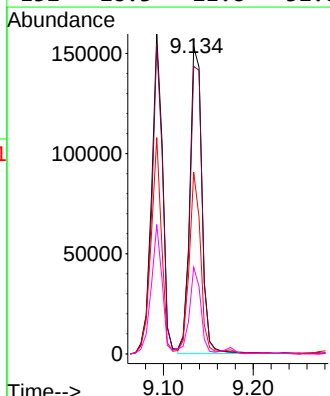
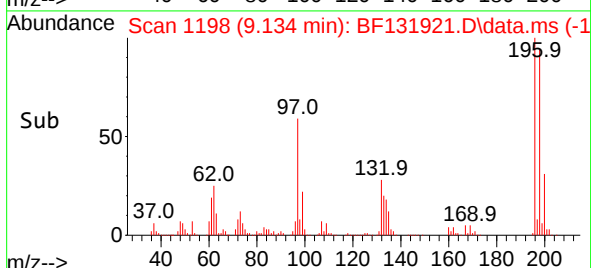
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

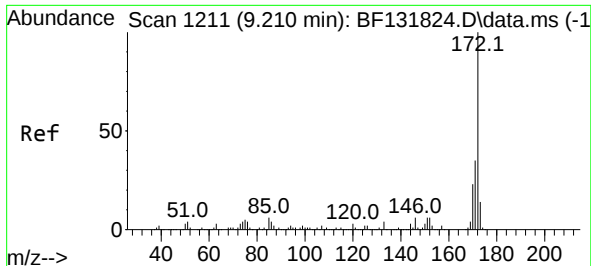


#44
2,4,5-Trichlorophenol
Concen: 42.118 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:196 Resp: 143466
Ion Ratio Lower Upper
196 100
198 93.7 76.6 115.0
97 59.2 49.3 73.9
132 28.3 21.8 32.8





#45

2-Fluorobiphenyl

Concen: 50.510 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

Tgt Ion:172 Resp: 516708

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

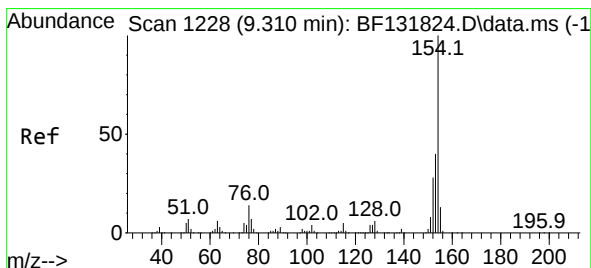
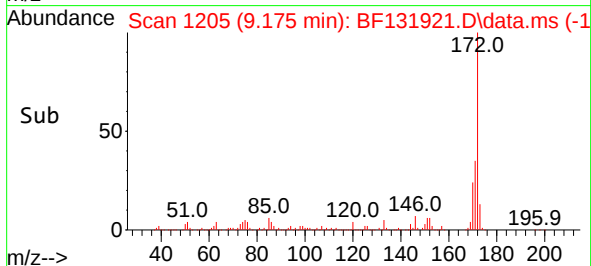
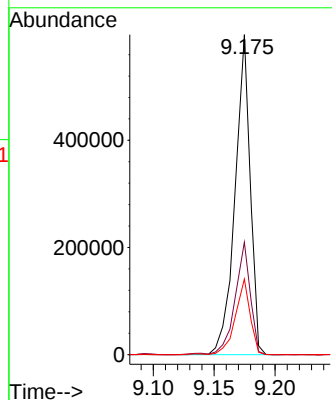
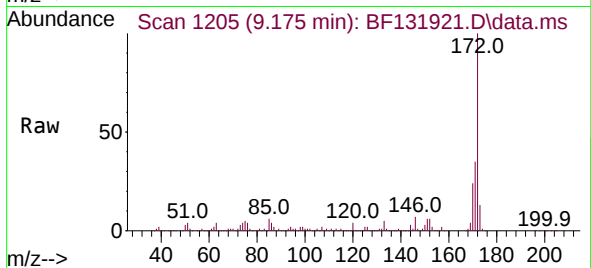
170 23.6 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#46

1,1'-Biphenyl

Concen: 44.644 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

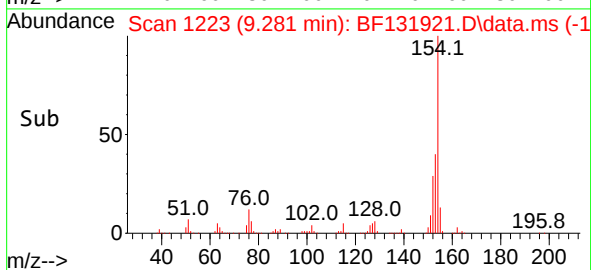
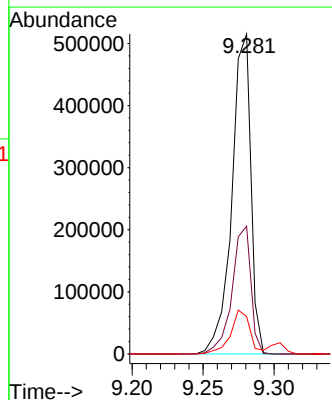
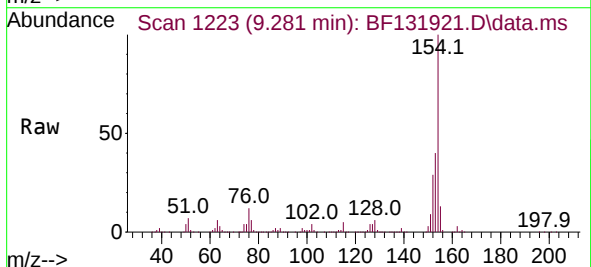
Tgt Ion:154 Resp: 478927

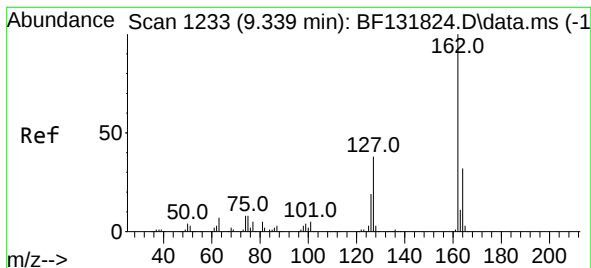
Ion Ratio Lower Upper

154 100

153 39.9 19.8 59.8

76 11.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.057 ng

RT: 9.304 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

Tgt Ion:162 Resp: 382136

Ion Ratio Lower Upper

162 100

127 39.2 31.0 46.6

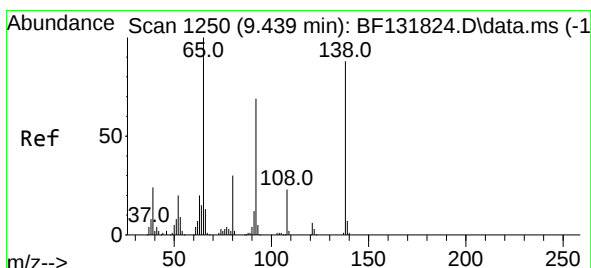
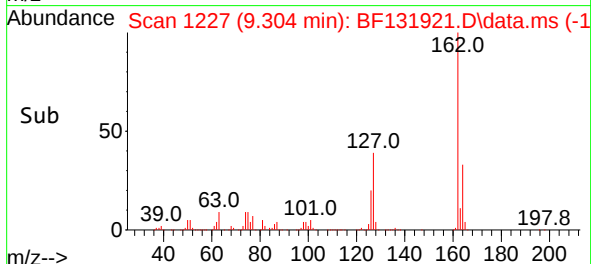
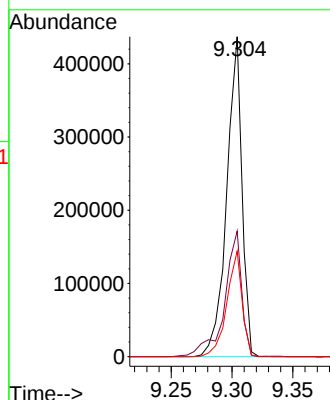
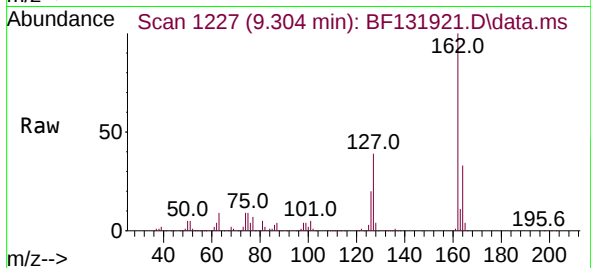
164 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#48

2-Nitroaniline

Concen: 43.460 ng

RT: 9.404 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

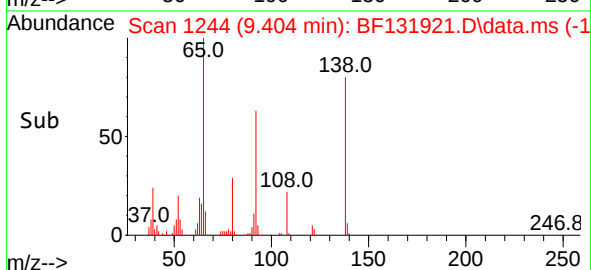
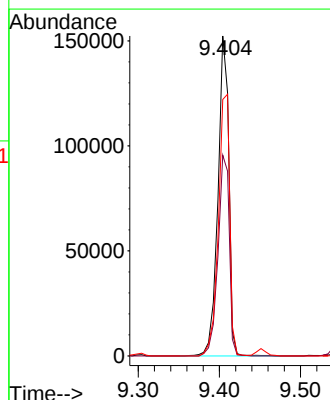
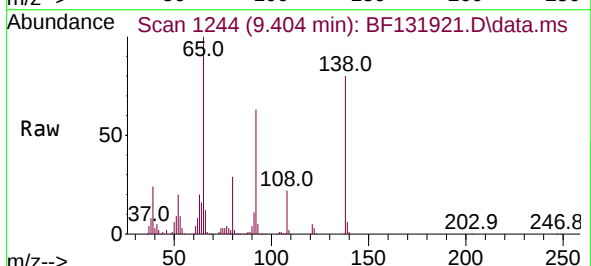
Tgt Ion: 65 Resp: 141380

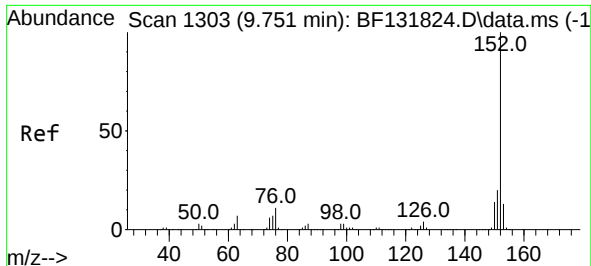
Ion Ratio Lower Upper

65 100

92 62.7 55.0 82.6

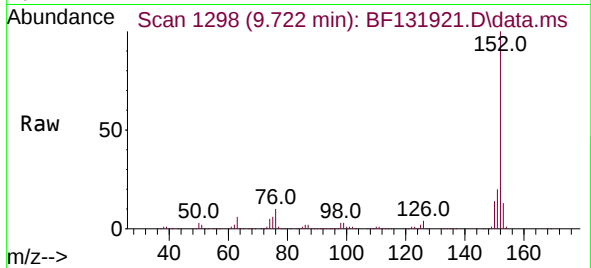
138 80.1 70.4 105.6





#49
Acenaphthylene
Concen: 43.376 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

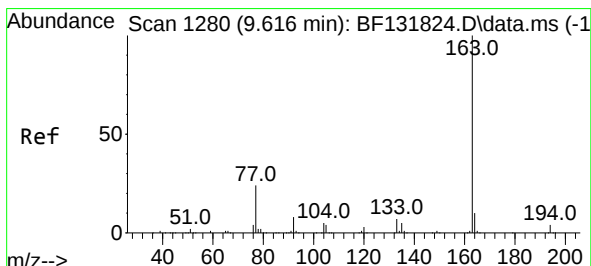
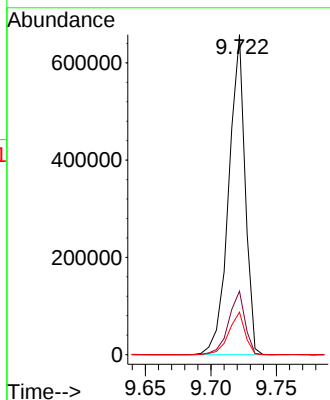
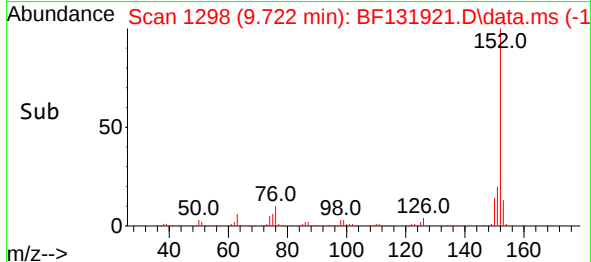
Instrument :
BNA_F
ClientSampleId :
PE-12MS



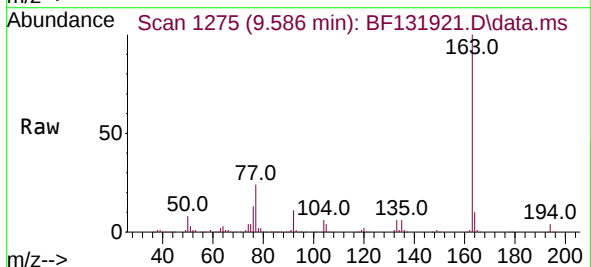
Tgt Ion:152 Resp: 573224
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.3 10.2 15.4

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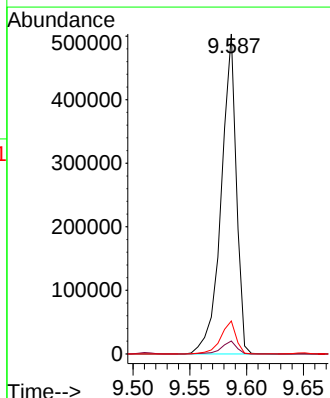
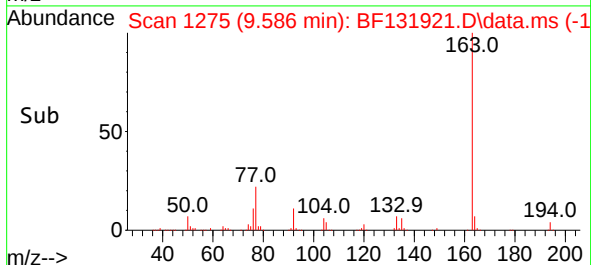
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

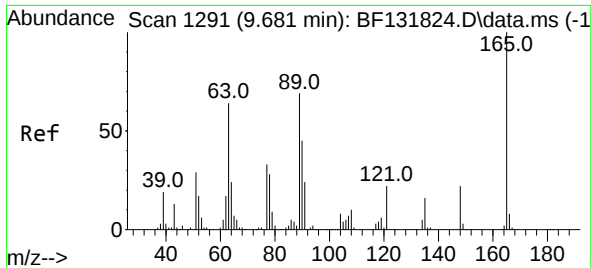


#50
Dimethylphthalate
Concen: 43.873 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:163 Resp: 465077
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.3 8.2 12.4





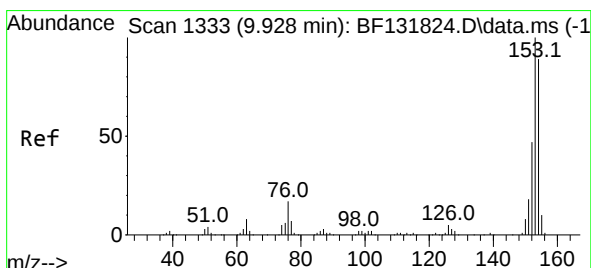
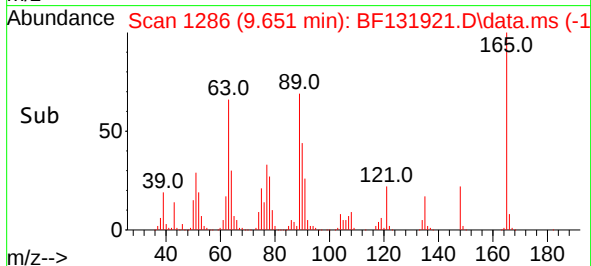
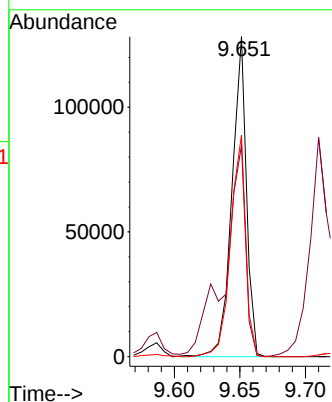
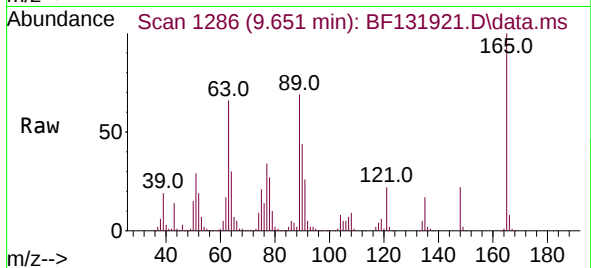
#51
2,6-Dinitrotoluene
Concen: 43.137 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:165 Resp: 98990
Ion Ratio Lower Upper
165 100
63 66.0 55.1 82.7
89 69.2 55.0 82.4

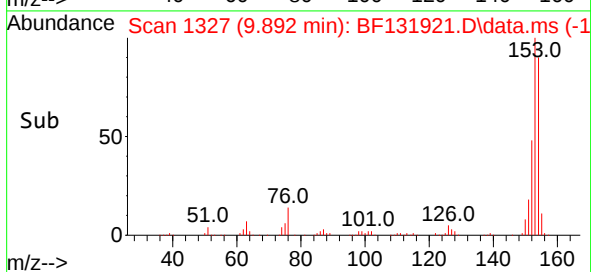
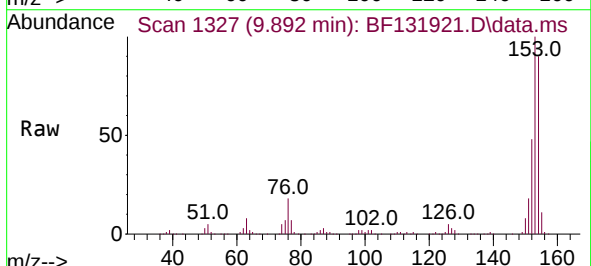
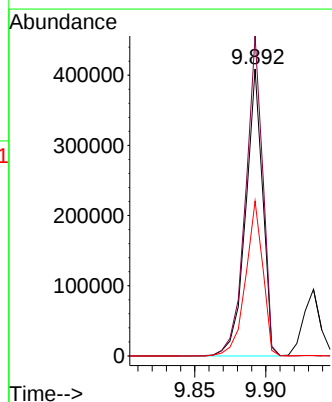
Manual Integrations
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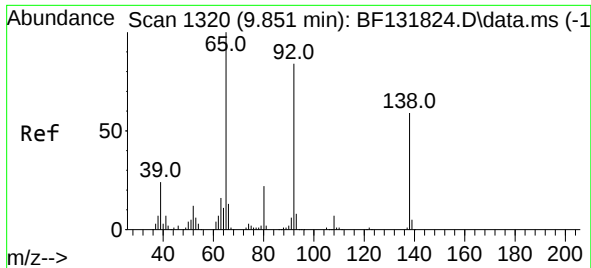
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#52
Acenaphthene
Concen: 42.655 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

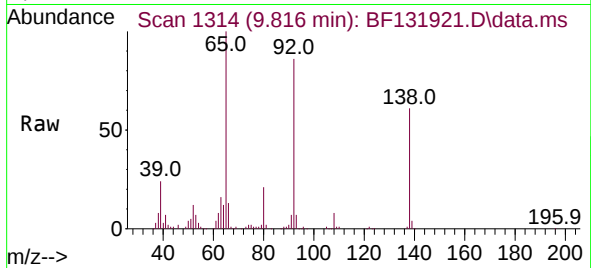
Tgt Ion:154 Resp: 340211
Ion Ratio Lower Upper
154 100
153 111.5 90.2 135.2
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 20.007 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

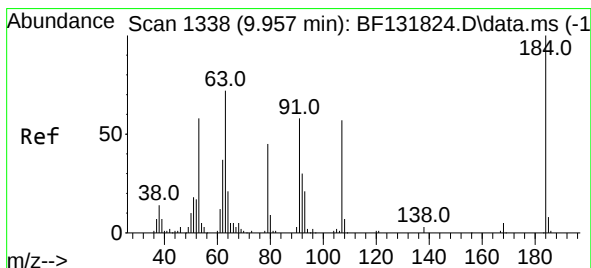
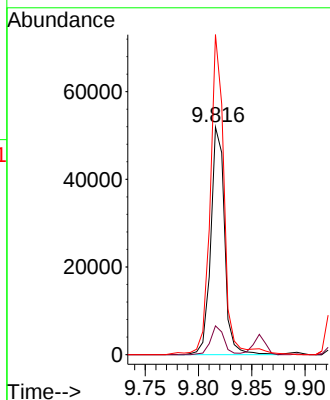
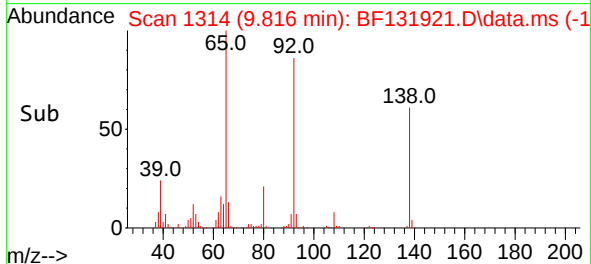
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:138 Resp: 46781
Ion Ratio Lower Upper
138 100
108 12.6 9.3 13.9
92 140.7 113.9 170.9

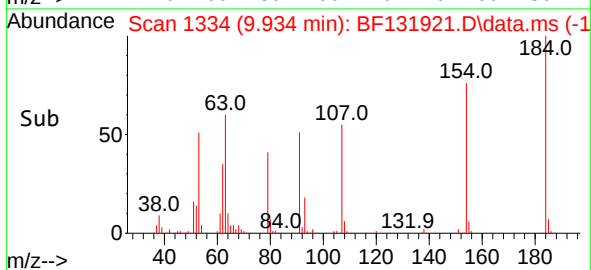
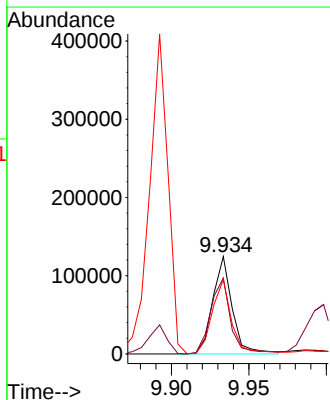
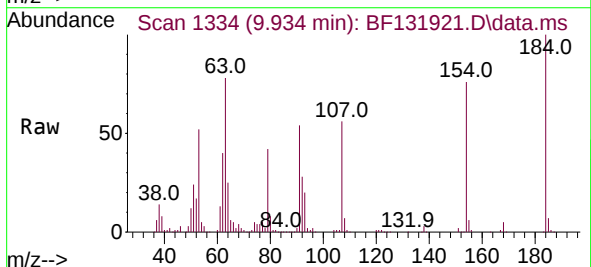
Manual Integrations
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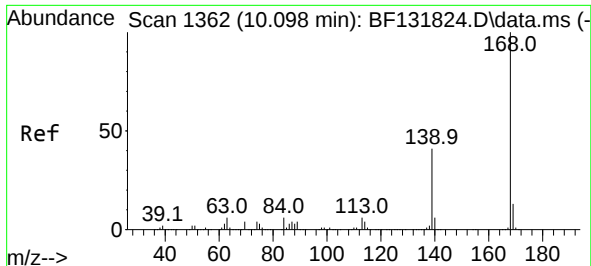
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#54
2,4-Dinitrophenol
Concen: 82.518 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:184 Resp: 108972
Ion Ratio Lower Upper
184 100
63 77.9 66.8 100.2
154 76.3 61.6 92.4





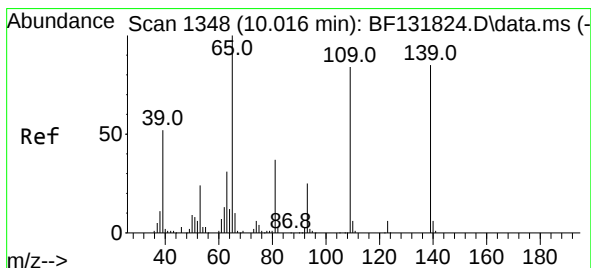
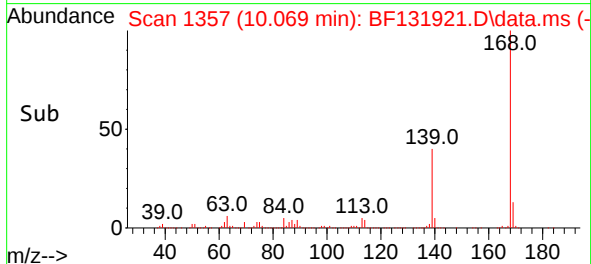
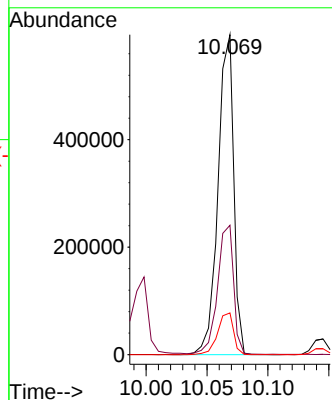
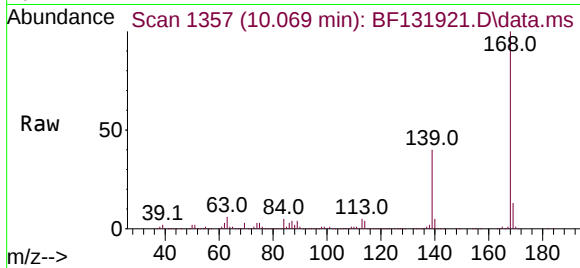
#55
Dibenzofuran
Concen: 43.491 ng
RT: 10.069 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:168 Resp: 534436
Ion Ratio Lower Upper
168 100
139 40.4 32.6 49.0
169 13.0 10.5 15.7

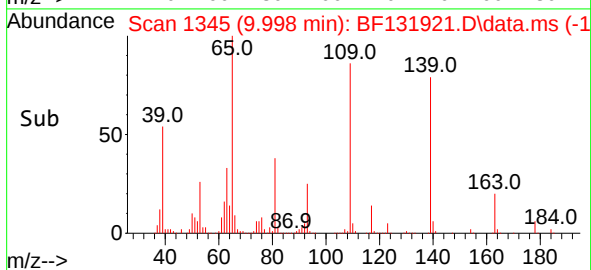
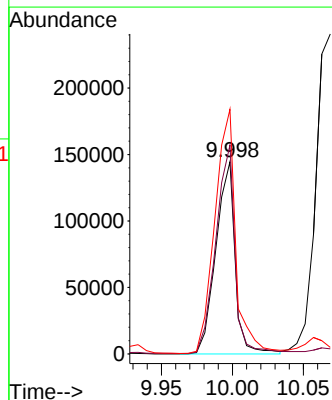
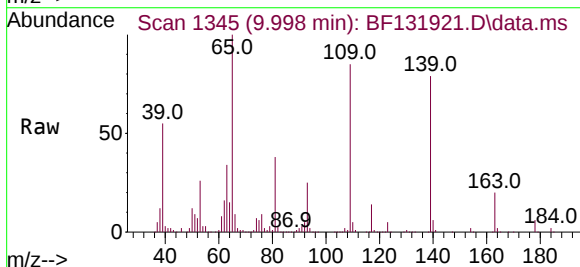
Manual Integrations
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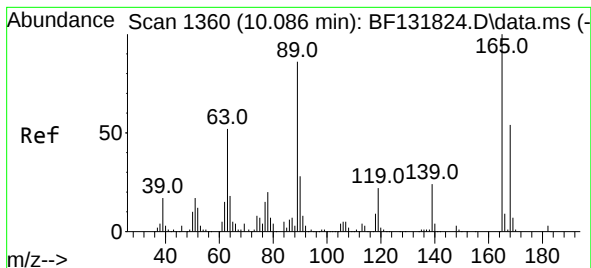
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#56
4-Nitrophenol
Concen: 83.006 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.012 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

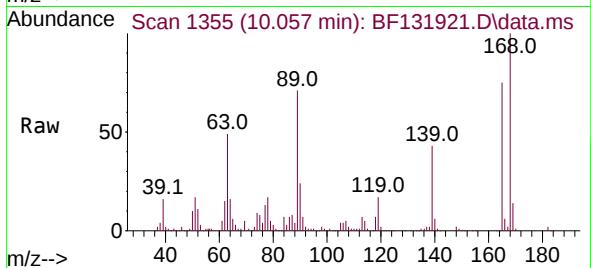
Tgt Ion:139 Resp: 135962
Ion Ratio Lower Upper
139 100
109 108.7 78.5 118.5
65 127.3 97.5 137.5





#57
2,4-Dinitrotoluene
Concen: 43.559 ng
RT: 10.057 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

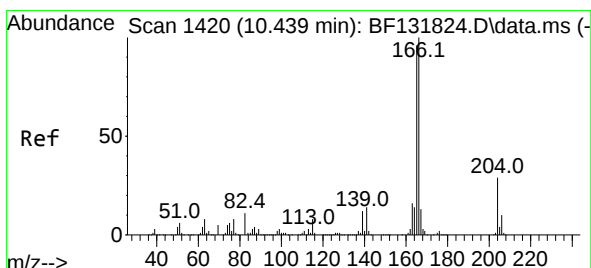
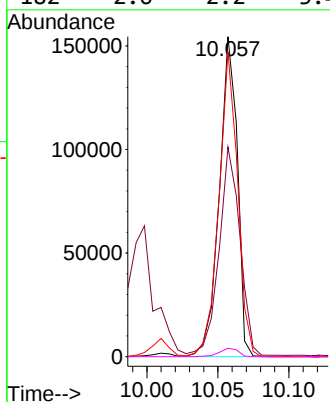
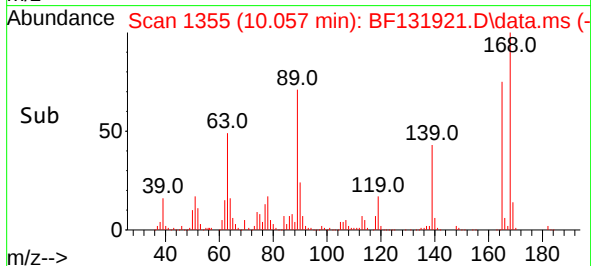
Instrument :
BNA_F
ClientSampleId :
PE-12MS



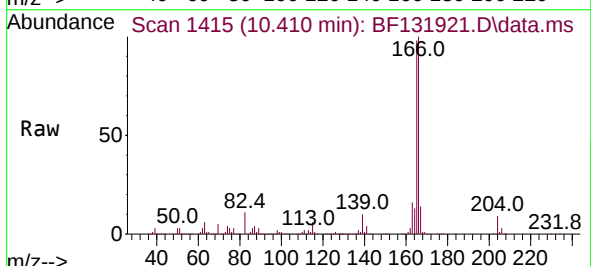
Tgt Ion:165 Resp: 136703
Ion Ratio Lower Upper
165 100
63 65.5 42.1 63.1
89 95.3 69.1 103.7
182 2.6 2.2 3.4

Manual Integrations
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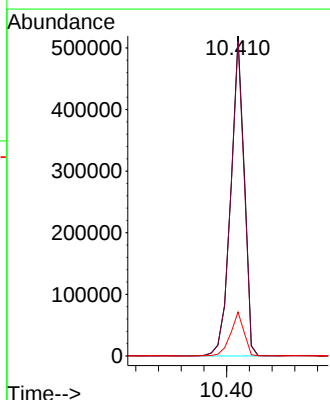
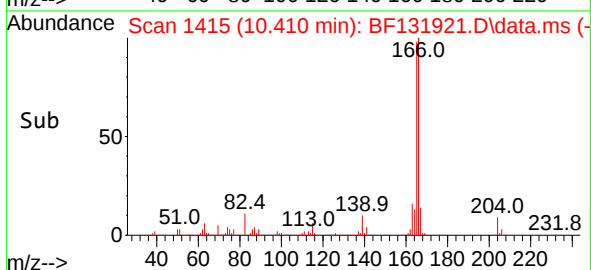
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

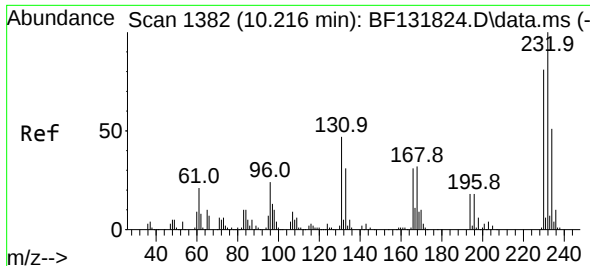


#58
Fluorene
Concen: 42.427 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



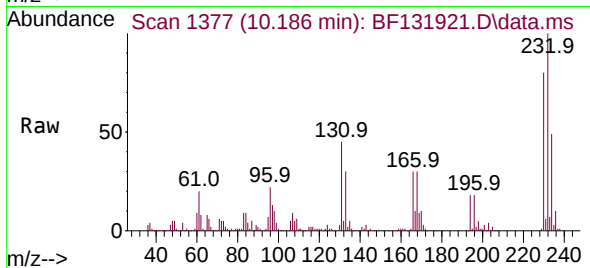
Tgt Ion:166 Resp: 425620
Ion Ratio Lower Upper
166 100
165 98.4 77.0 115.4
167 13.7 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.553 ng m
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

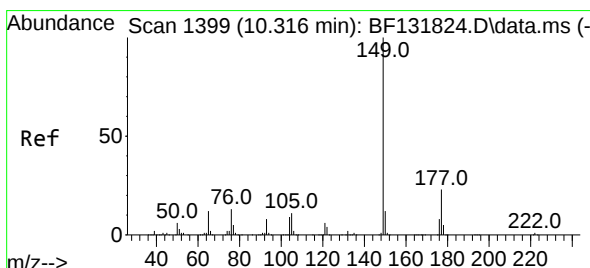
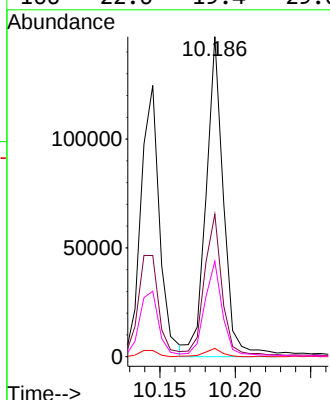
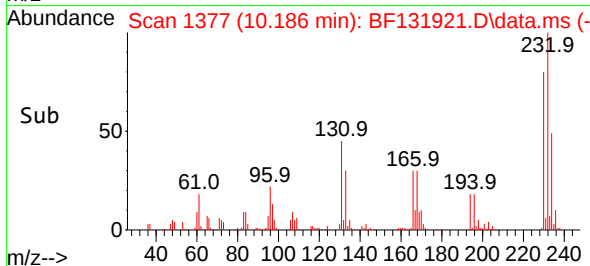
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:232 Resp: 11894
Ion Ratio Lower Upper
232 100
131 37.4 30.1 45.1
130 2.1 1.8 2.6
166 22.6 19.4 29.0

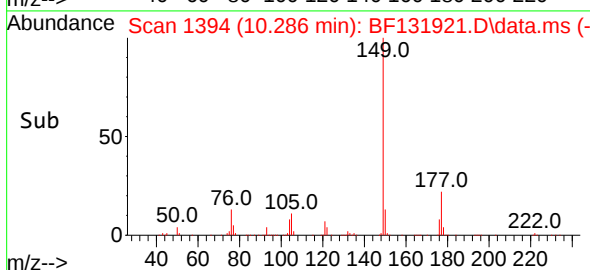
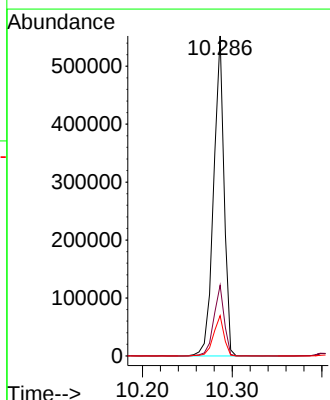
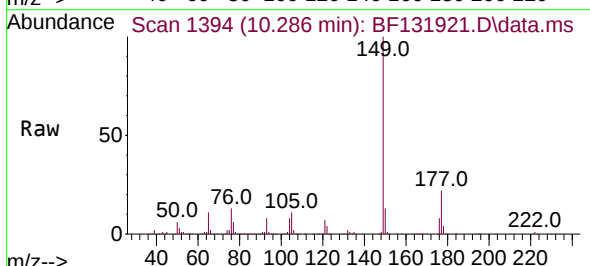
Manual Integrations
APPROVED

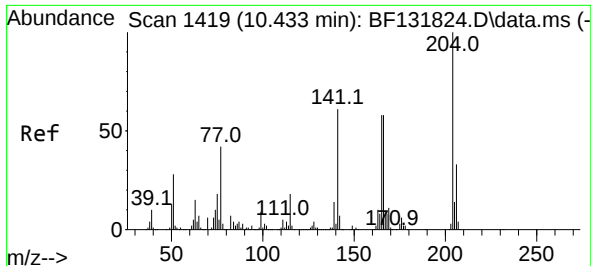
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#60
Diethylphthalate
Concen: 43.665 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

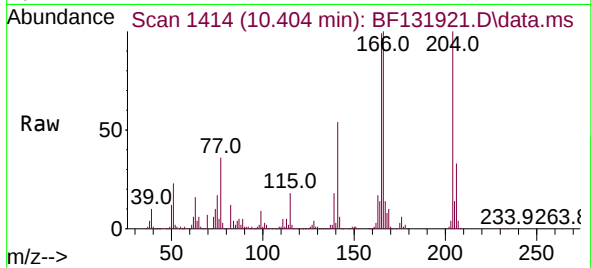
Tgt Ion:149 Resp: 445500
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.673 ng
RT: 10.404 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

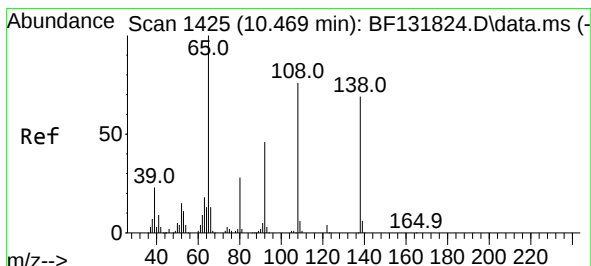
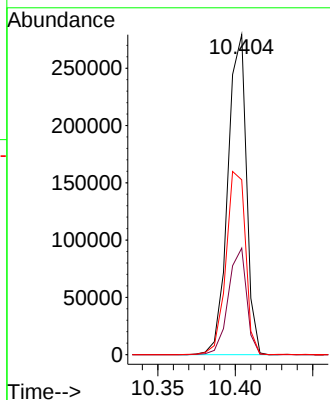
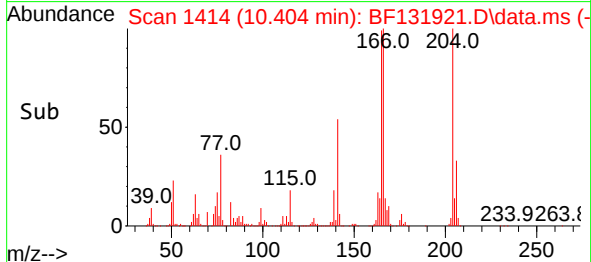
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:204 Resp: 232974
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 54.6 49.0 73.4

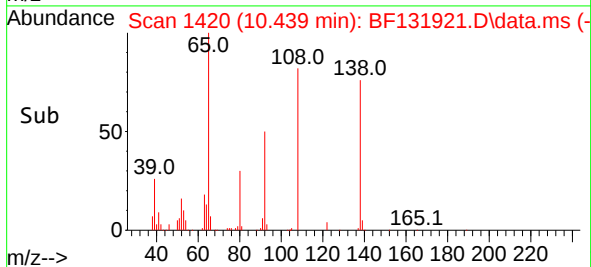
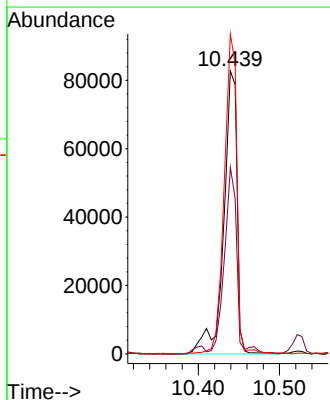
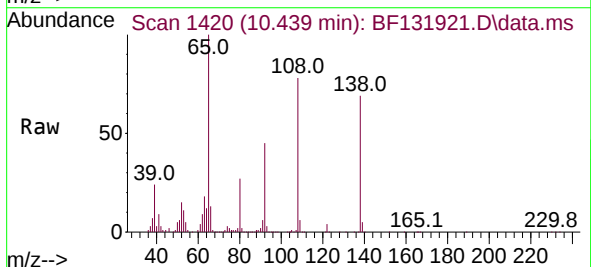
Manual Integrations
APPROVED

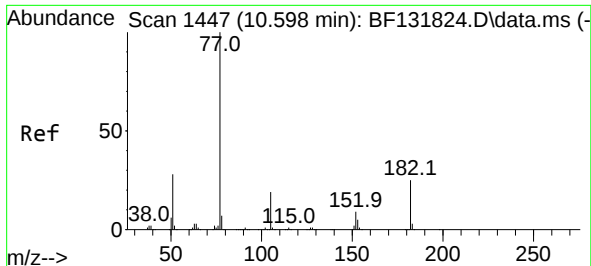
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#62
4-Nitroaniline
Concen: 38.484 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

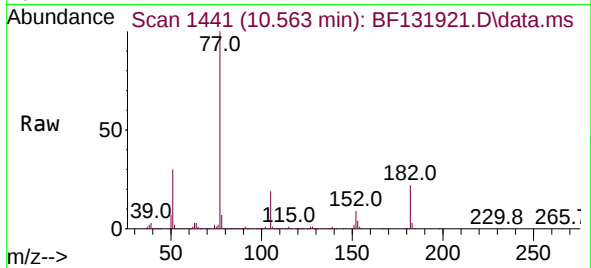
Tgt Ion:138 Resp: 93780
Ion Ratio Lower Upper
138 100
92 66.0 47.2 87.2
108 113.1 89.2 129.2





#63
Azobenzene
Concen: 47.613 ng
RT: 10.563 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

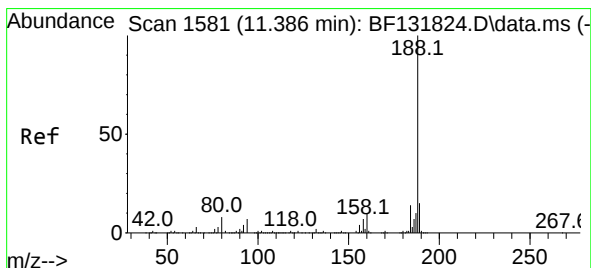
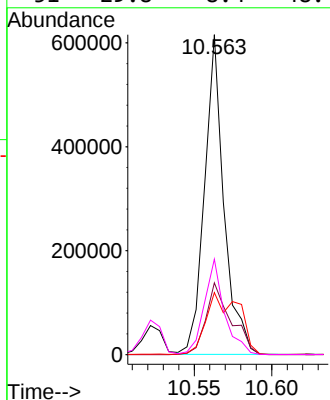
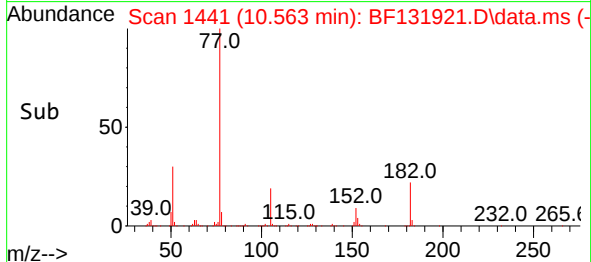
Instrument :
BNA_F
ClientSampleId :
PE-12MS



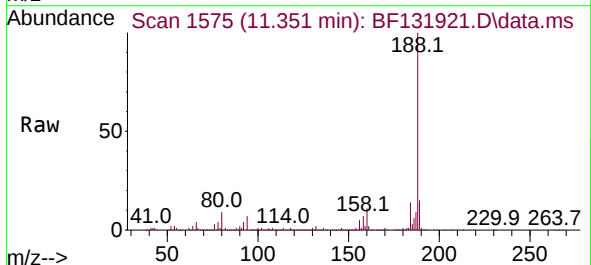
Tgt Ion: 77 Resp: 539123
Ion Ratio Lower Upper
77 100
182 22.4 5.0 45.0
105 19.4 0.0 39.4
51 29.8 8.4 48.4

Manual Integrations
APPROVED

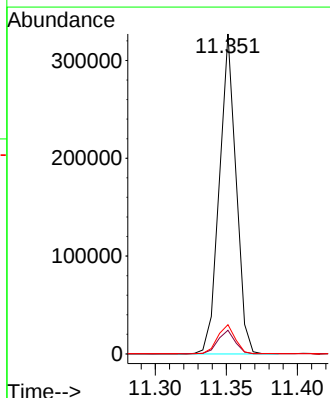
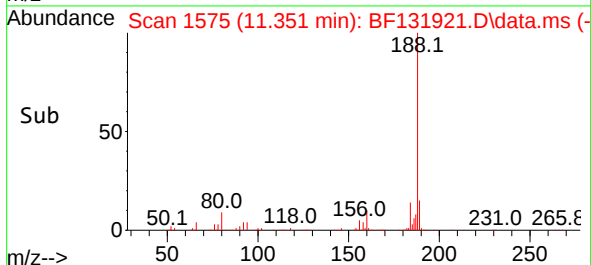
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

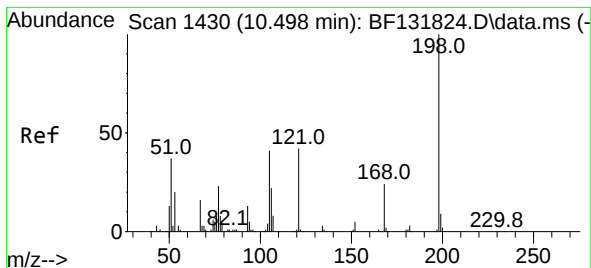


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:188 Resp: 269036
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.6
80 9.1 6.7 10.1





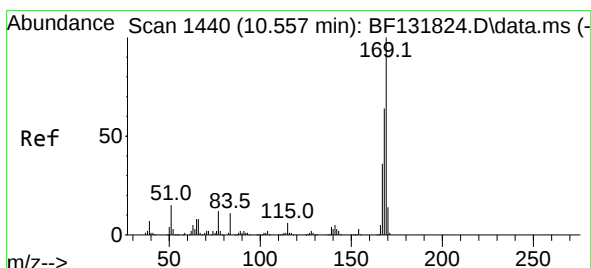
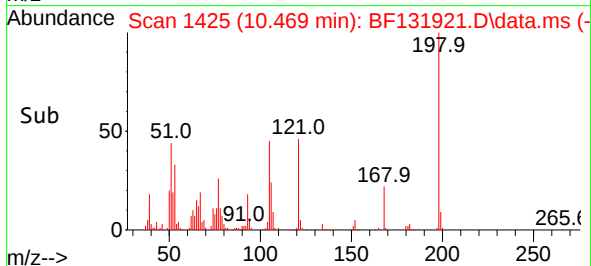
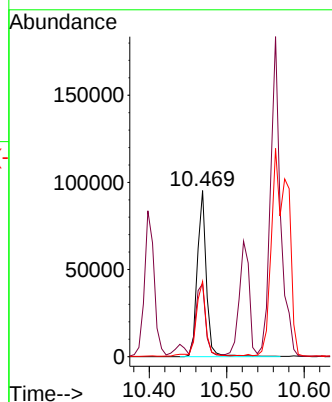
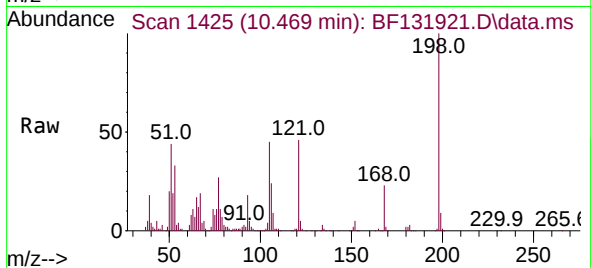
#65
4,6-Dinitro-2-methylphenol
Concen: 41.900 ng
RT: 10.469 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:198 Resp: 76751
Ion Ratio Lower Upper
198 100
51 43.9 21.6 61.6
105 45.2 22.0 62.0

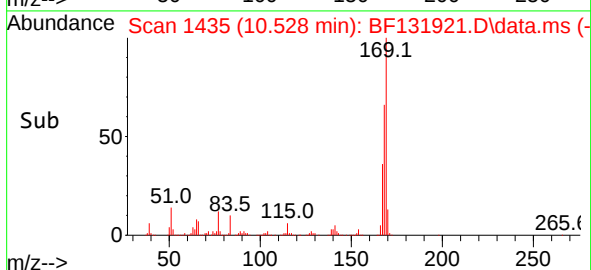
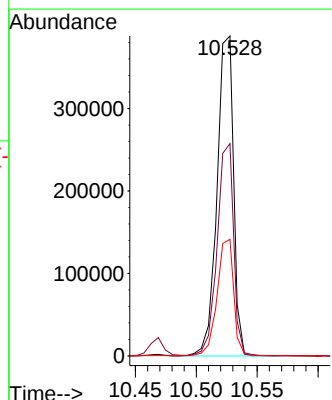
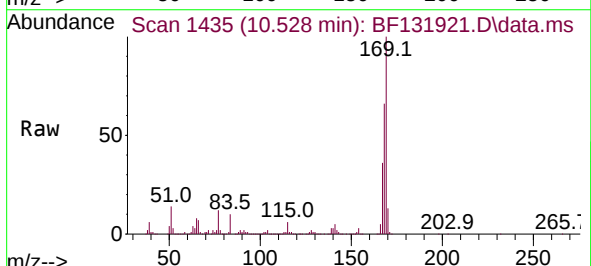
Manual Integrations
APPROVED

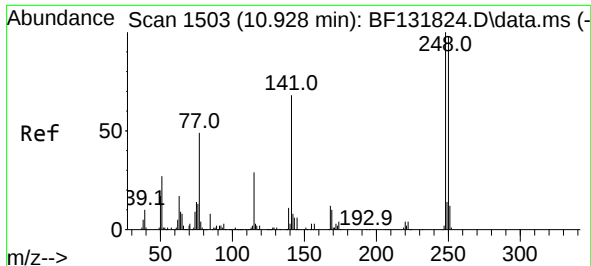
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#66
n-Nitrosodiphenylamine
Concen: 44.569 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:169 Resp: 365764
Ion Ratio Lower Upper
169 100
168 66.3 51.5 77.3
167 36.4 28.4 42.6





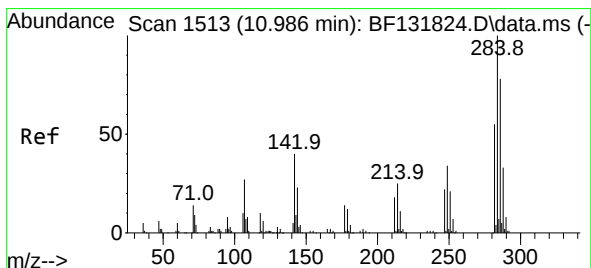
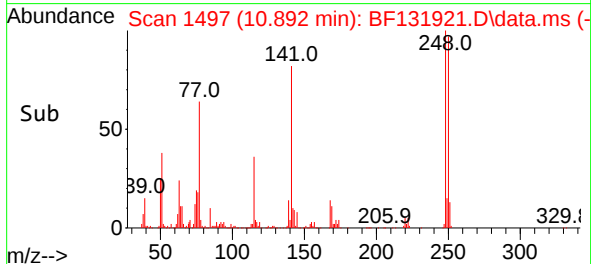
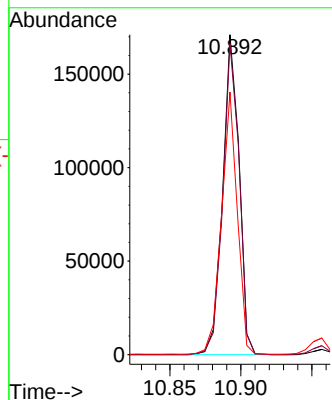
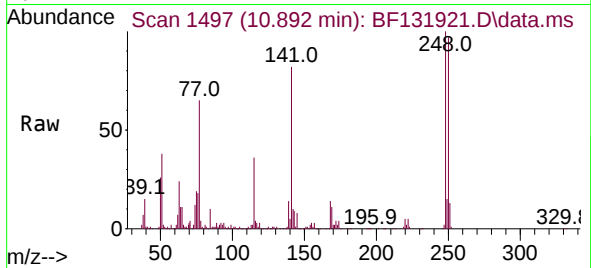
#67
4-Bromophenyl-phenylether
Concen: 43.923 ng
RT: 10.892 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:248 Resp: 136960
Ion Ratio Lower Upper
248 100
250 97.2 78.0 117.0
141 82.0 54.8 82.2

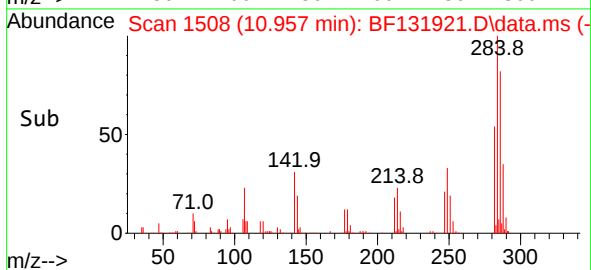
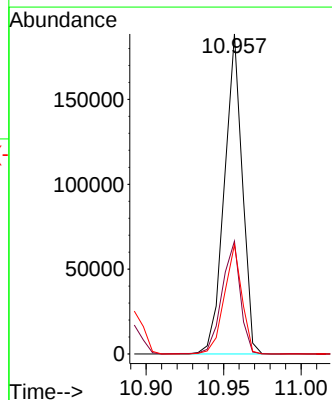
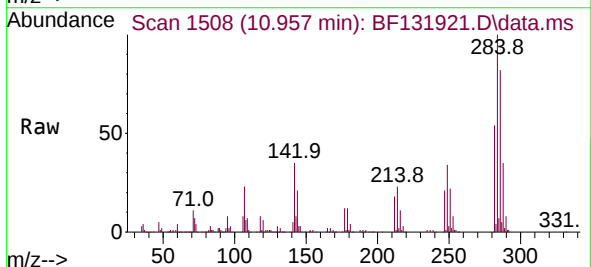
Manual Integrations
APPROVED

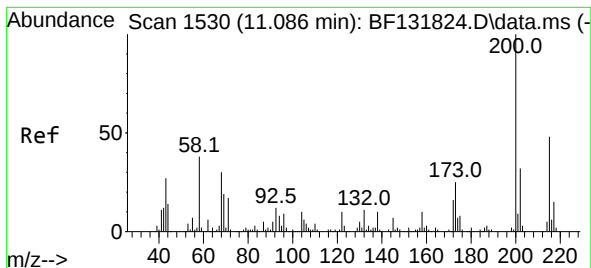
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#68
Hexachlorobenzene
Concen: 44.194 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:284 Resp: 151380
Ion Ratio Lower Upper
284 100
142 35.2 31.6 47.4
249 34.1 26.9 40.3





#69

Atrazine

Concen: 50.603 ng

RT: 11.057 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

Tgt Ion:200 Resp: 136719

Ion Ratio Lower Upper

200 100

173 24.2 4.5 44.5

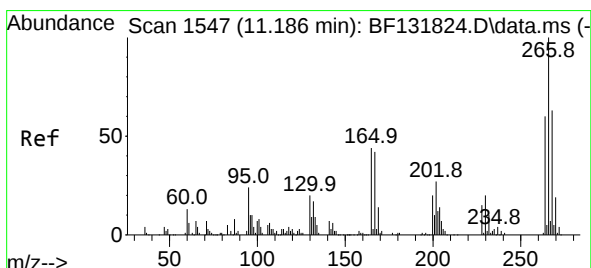
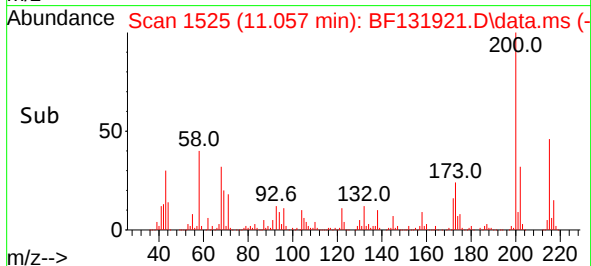
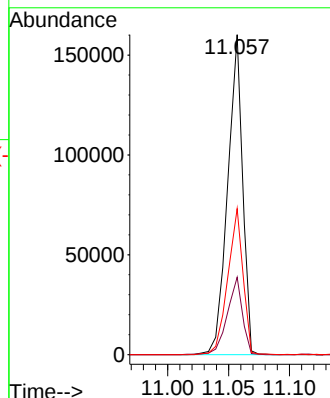
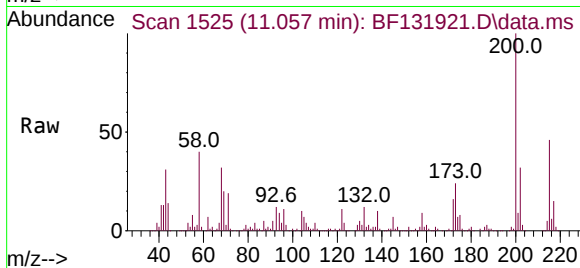
215 45.6 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023

Supervised By :Jagrut Upadhyay 01/06/2023



#70

Pentachlorophenol

Concen: 86.835 ng

RT: 11.157 min Scan# 1542

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

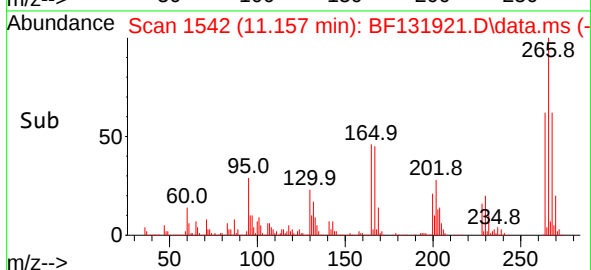
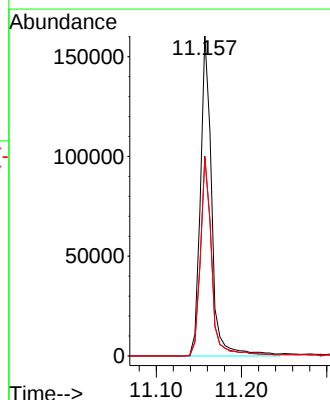
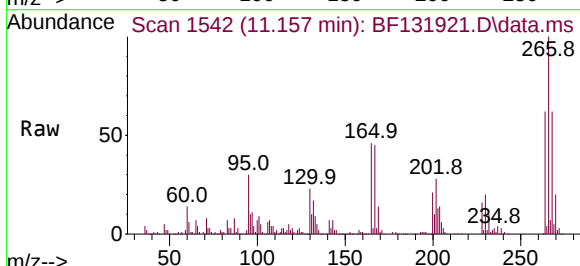
Tgt Ion:266 Resp: 147180

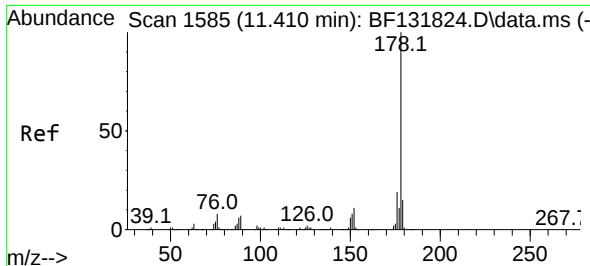
Ion Ratio Lower Upper

266 100

268 62.4 50.5 75.7

264 61.9 48.3 72.5





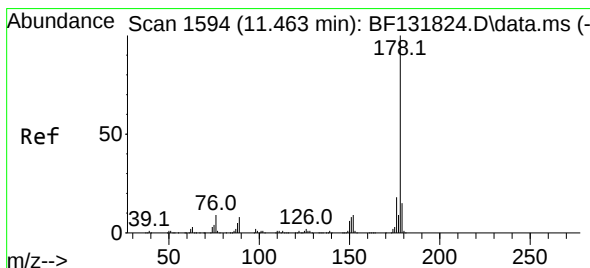
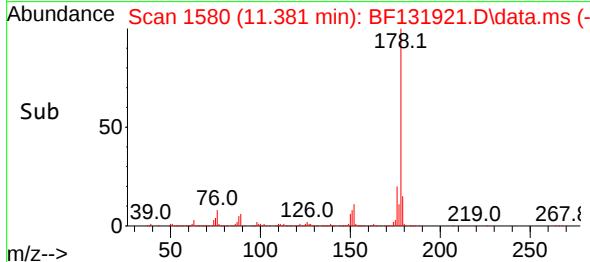
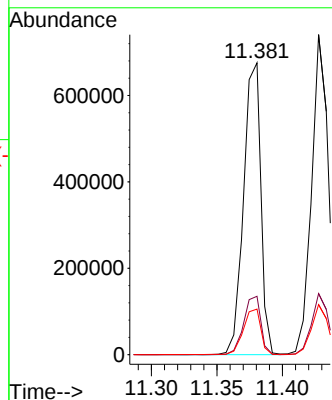
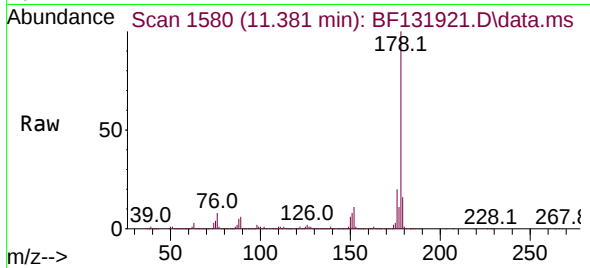
#71
Phenanthrene
Concen: 41.671 ng
RT: 11.381 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:178 Resp: 616509
Ion Ratio Lower Upper
178 100
176 20.0 15.5 23.3
179 15.6 12.2 18.4

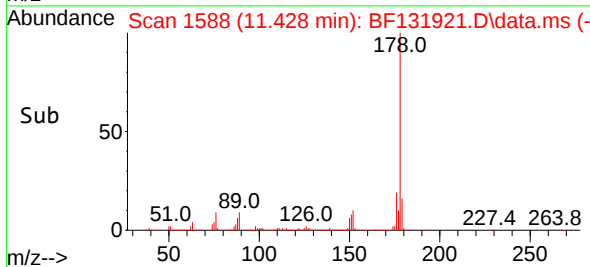
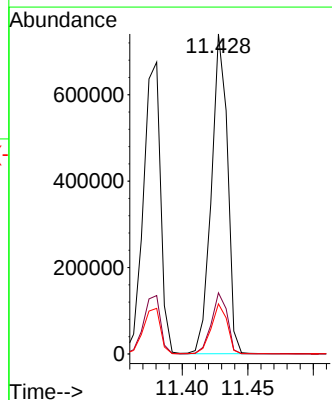
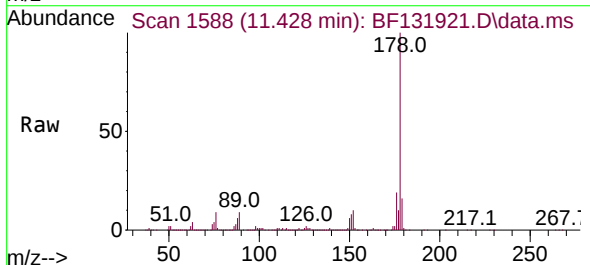
Manual Integrations
APPROVED

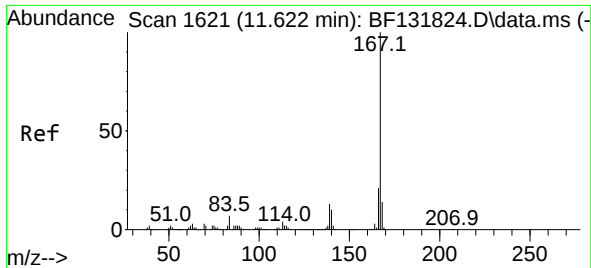
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#72
Anthracene
Concen: 43.750 ng
RT: 11.428 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

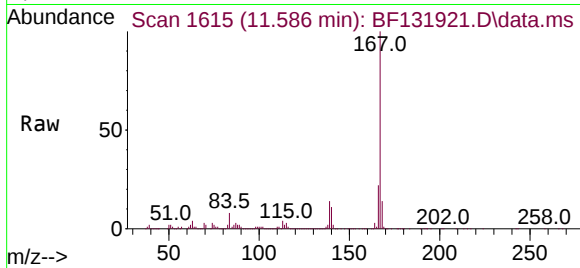
Tgt Ion:178 Resp: 633179
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.6 12.2 18.2





#73
Carbazole
Concen: 42.769 ng
RT: 11.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

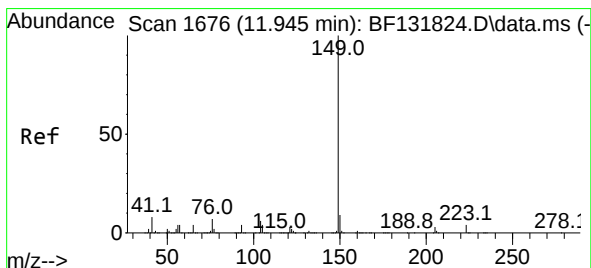
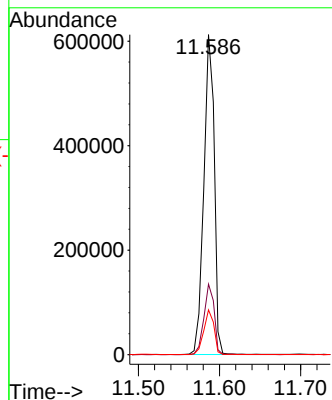
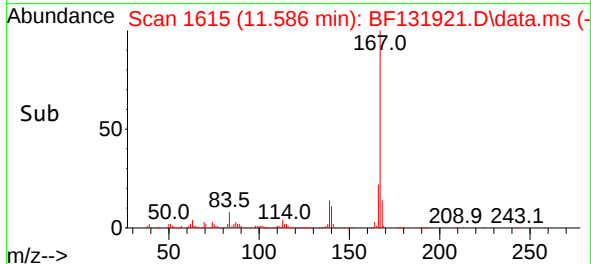
Instrument :
BNA_F
ClientSampleId :
PE-12MS



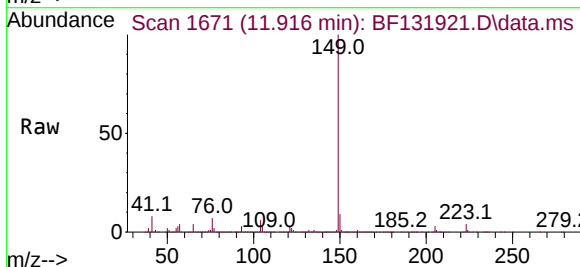
Tgt Ion:167 Resp: 546453
Ion Ratio Lower Upper
167 100
166 22.1 16.6 24.8
139 14.0 10.6 15.8

Manual Integrations
APPROVED

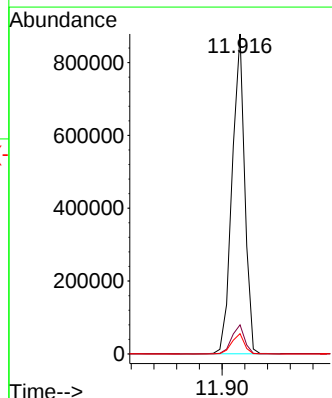
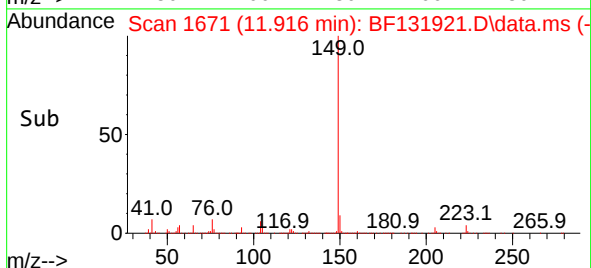
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

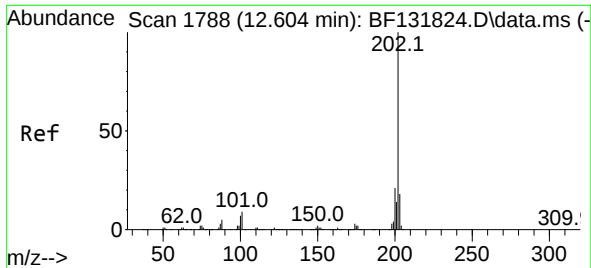


#74
Di-n-butylphthalate
Concen: 43.660 ng
RT: 11.916 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:149 Resp: 674264
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.3 5.1 7.7





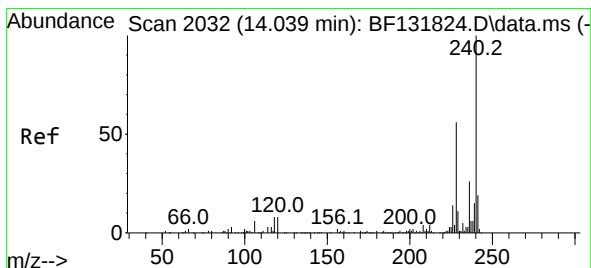
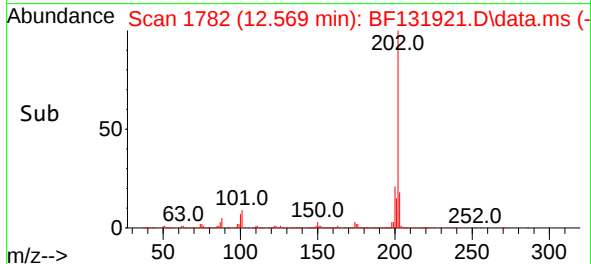
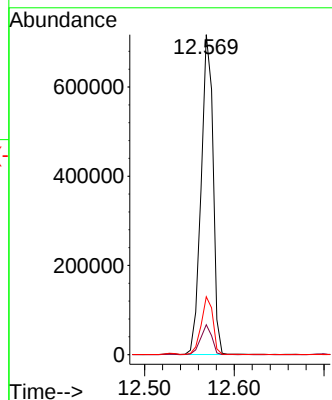
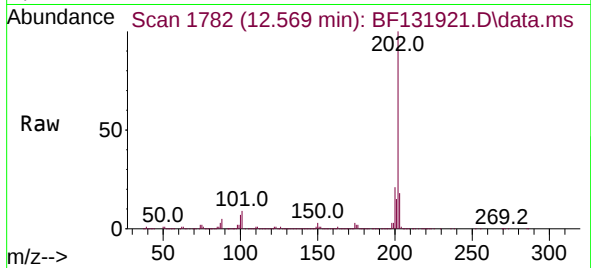
#75
Fluoranthene
Concen: 38.327 ng
RT: 12.569 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:202 Resp: 660473
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.6
203 18.1 0.0 37.8

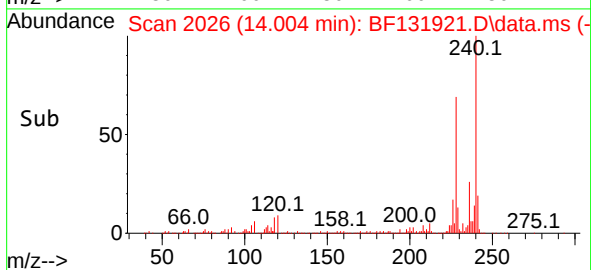
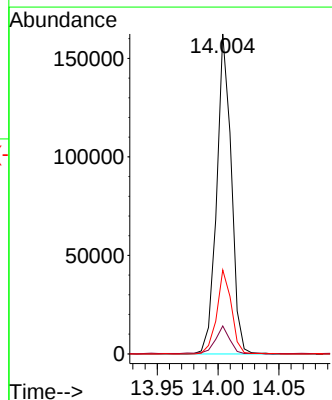
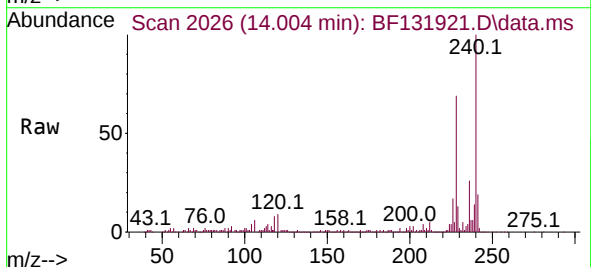
Manual Integrations
APPROVED

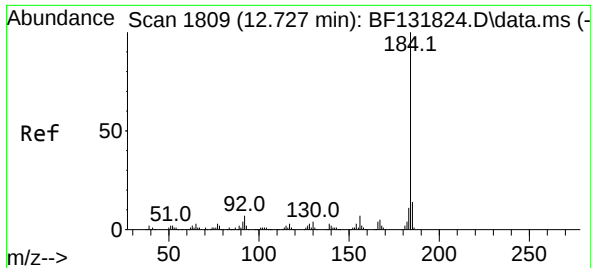
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:240 Resp: 135455
Ion Ratio Lower Upper
240 100
120 8.7 6.7 10.1
236 26.2 20.6 31.0





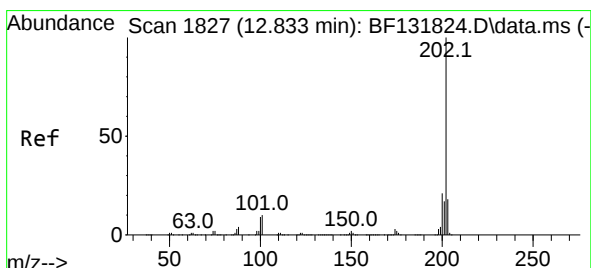
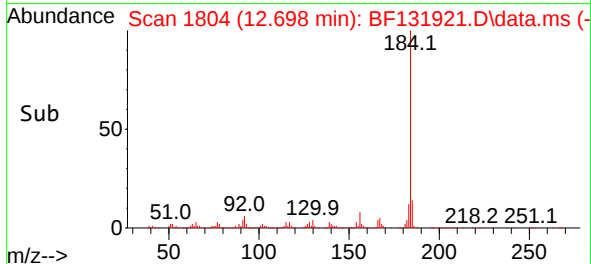
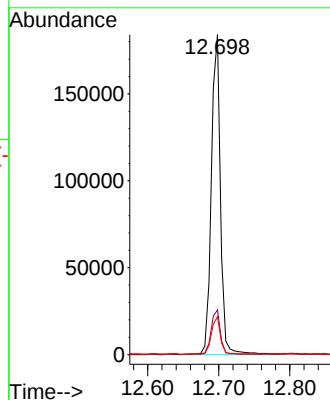
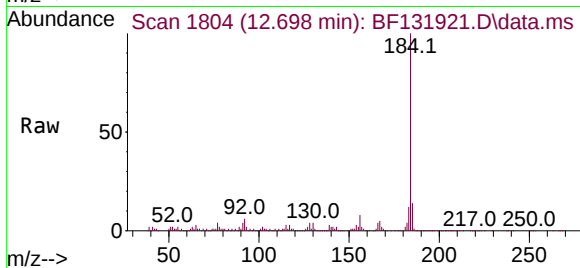
#77
Benzidine
Concen: 73.534 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:184 Resp: 163689
Ion Ratio Lower Upper
184 100
185 14.0 11.6 17.4
183 11.8 9.0 13.4

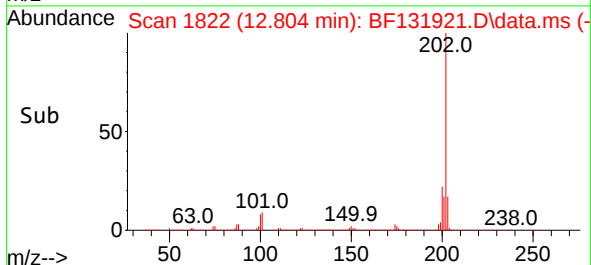
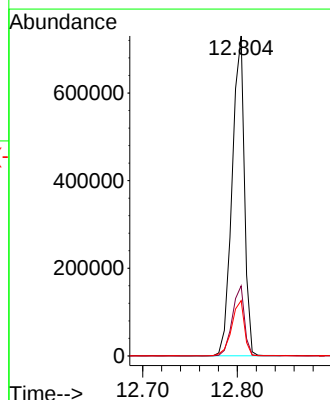
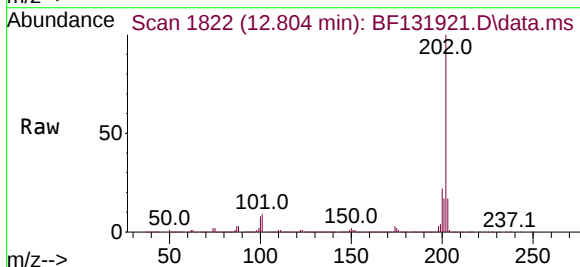
Manual Integrations
APPROVED

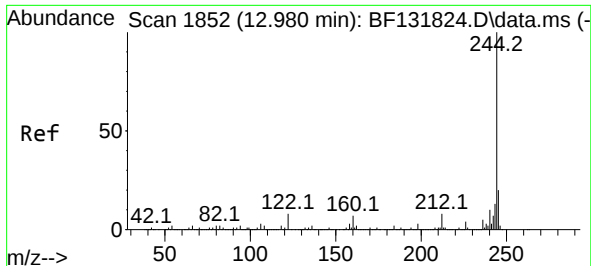
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#78
Pyrene
Concen: 58.224 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:202 Resp: 661034
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 17.3 14.4 21.6





#79
 Terphenyl-d14
 Concen: 68.611 ng
 RT: 12.939 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131921.D
 Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

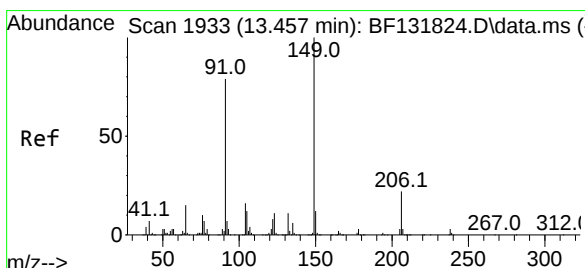
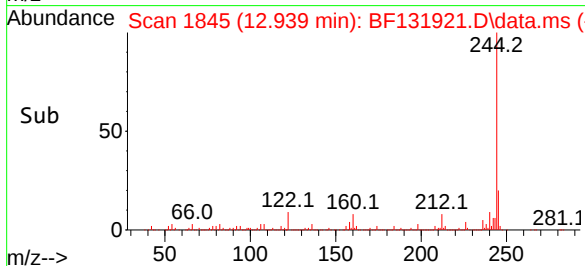
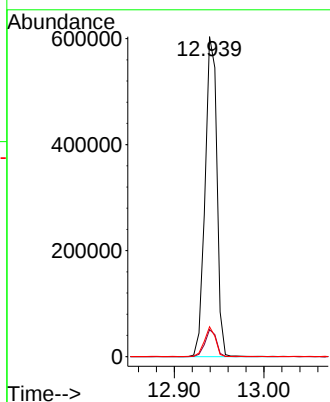
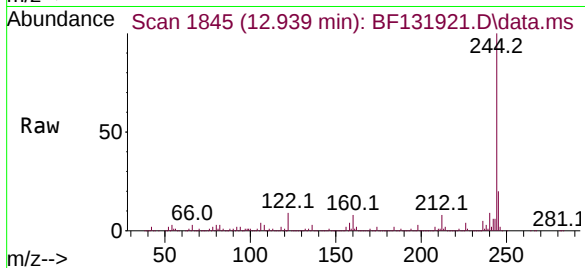
PE-12MS

Tgt Ion:244 Resp: 549432
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 9.3 6.4 9.6

Manual Integrations

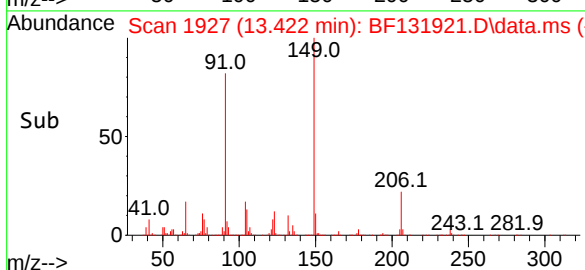
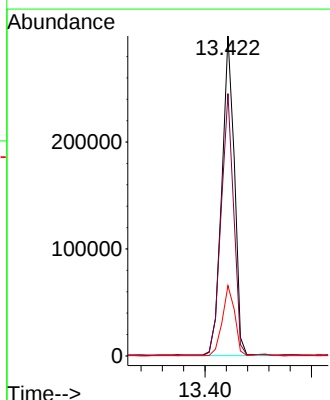
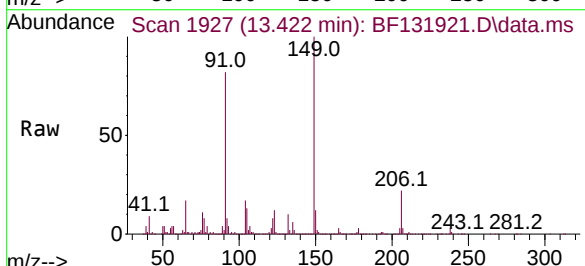
APPROVED

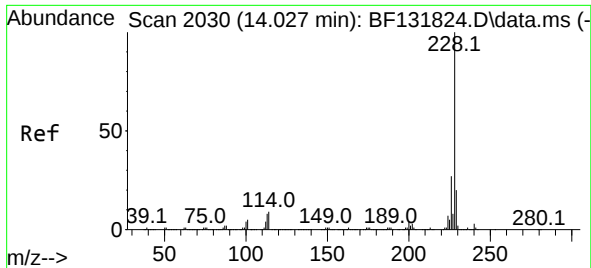
Reviewed By :Christian Giraldo 01/06/2023
 Supervised By :Jagrut Upadhyay 01/06/2023



#80
 Butylbenzylphthalate
 Concen: 58.444 ng
 RT: 13.422 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF131921.D
 Acq: 05 Jan 2023 18:28

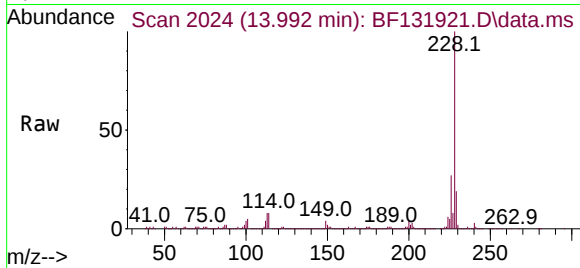
Tgt Ion:149 Resp: 246113
 Ion Ratio Lower Upper
 149 100
 91 82.0 63.2 94.8
 206 22.0 17.9 26.9





#81
Benzo(a)anthracene
Concen: 42.637 ng
RT: 13.992 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

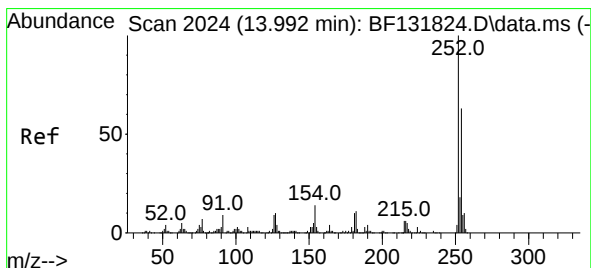
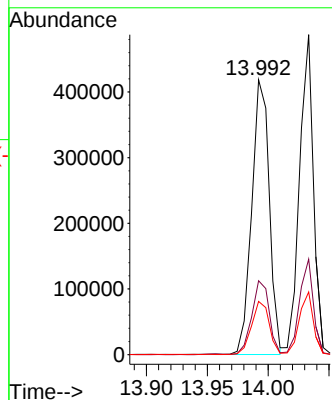
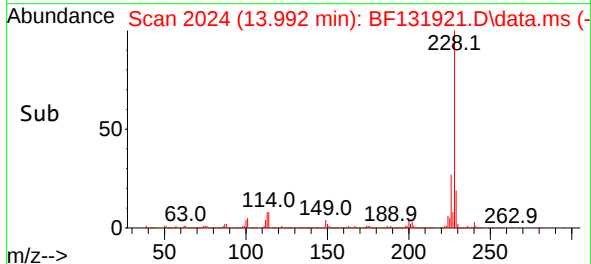
Instrument :
BNA_F
ClientSampleId :
PE-12MS



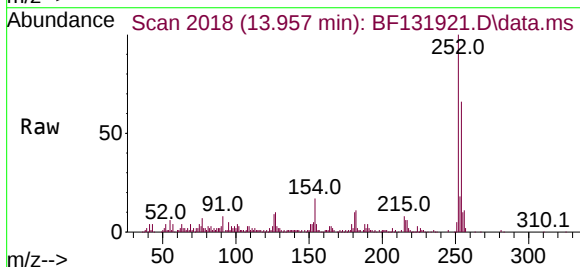
Tgt Ion:228 Resp: 418154
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 19.4 16.0 24.0

Manual Integrations
APPROVED

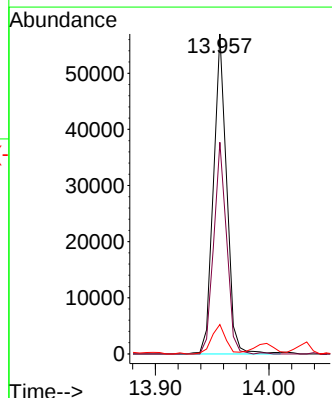
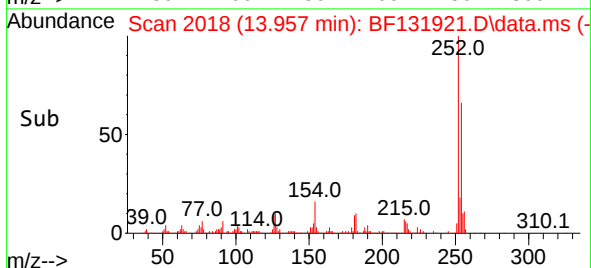
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023

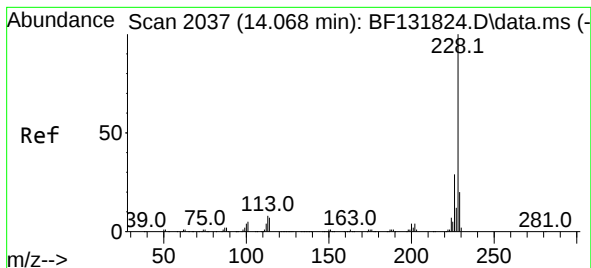


#82
3,3'-Dichlorobenzidine
Concen: 16.274 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28



Tgt Ion:252 Resp: 46131
Ion Ratio Lower Upper
252 100
254 66.1 50.4 75.6
126 9.2 7.5 11.3





#83

Chrysene

Concen: 42.222 ng

RT: 14.033 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Instrument :

BNA_F

ClientSampleId :

PE-12MS

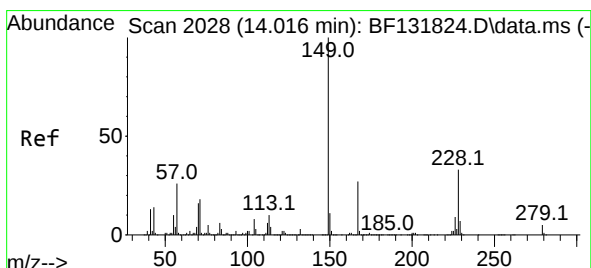
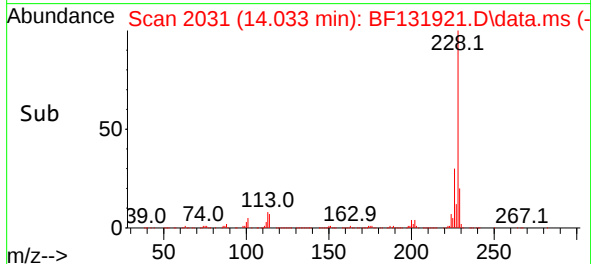
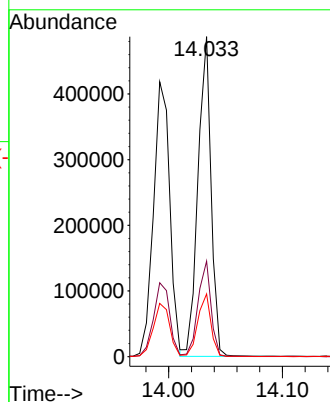
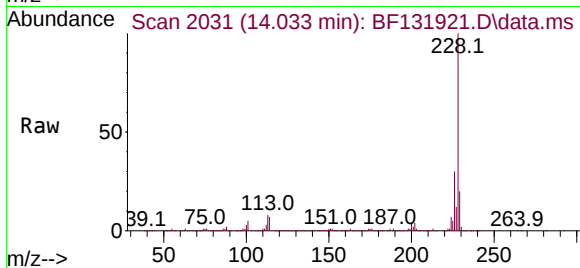
Tgt Ion:228 Resp: 389115

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.6	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.643 ng

RT: 13.980 min Scan# 2022

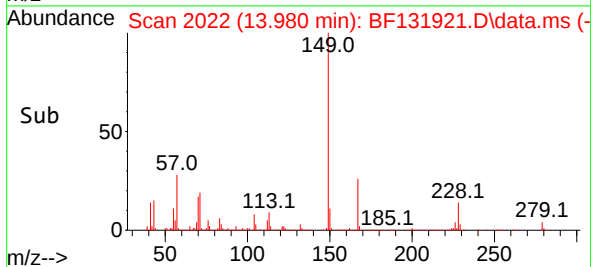
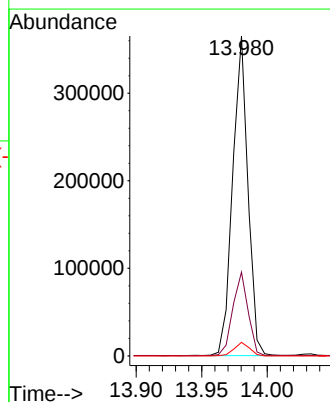
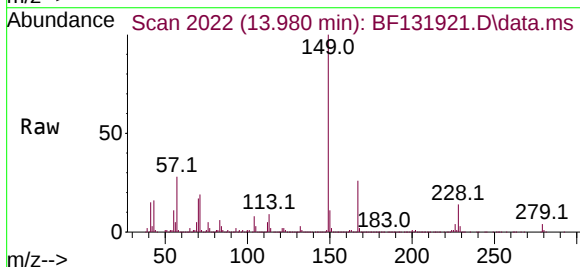
Delta R.T. 0.000 min

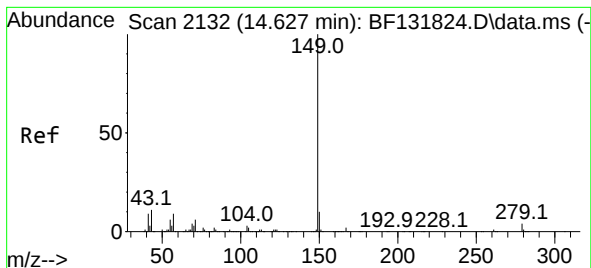
Lab File: BF131921.D

Acq: 05 Jan 2023 18:28

Tgt Ion:149 Resp: 295559

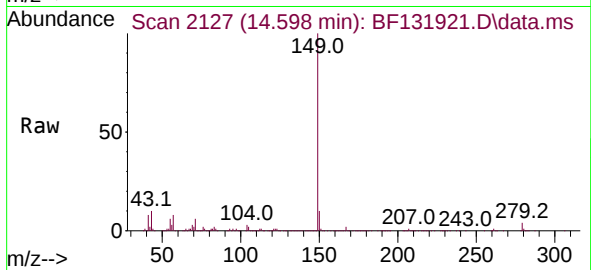
Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	4.3	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 52.590 ng
RT: 14.598 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

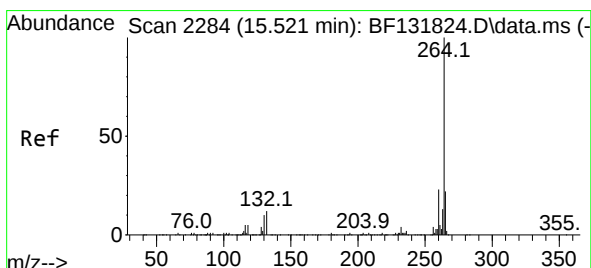
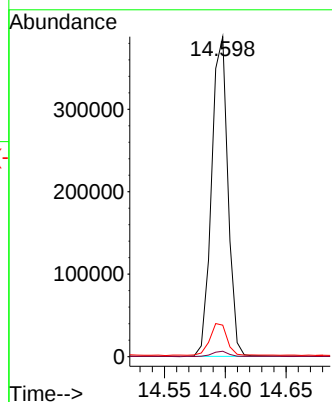
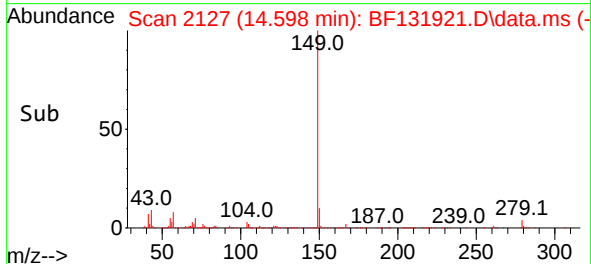
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:149 Resp: 362993
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.7 8.1 12.1

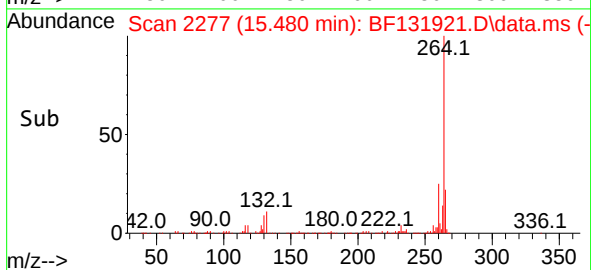
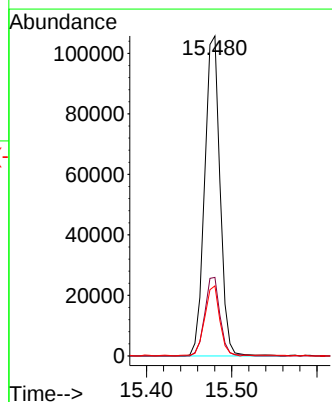
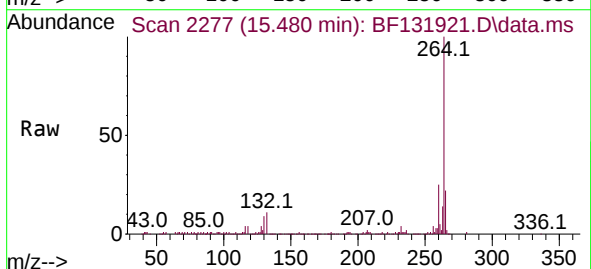
Manual Integrations
APPROVED

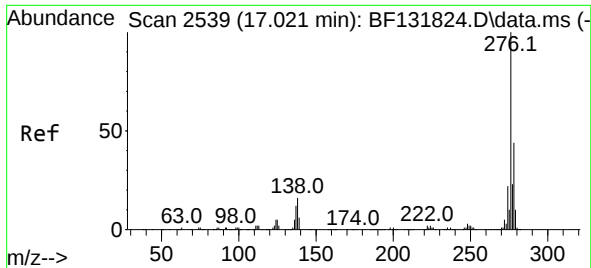
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:264 Resp: 132289
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 21.9 17.4 26.0





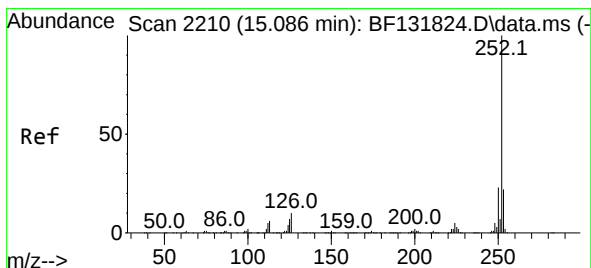
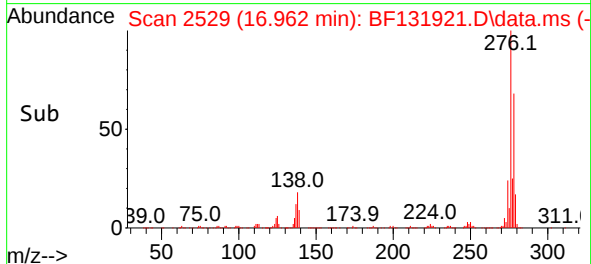
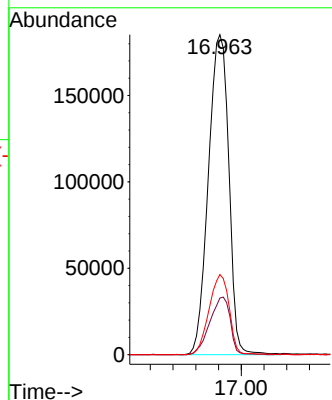
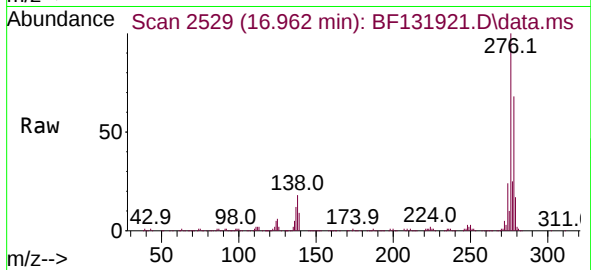
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.014 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:276 Resp: 462359
Ion Ratio Lower Upper
276 100
138 18.0 14.5 21.7
277 24.6 19.7 29.5

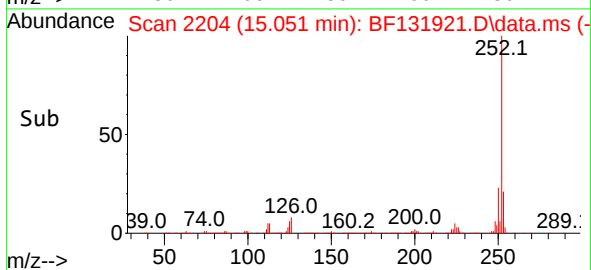
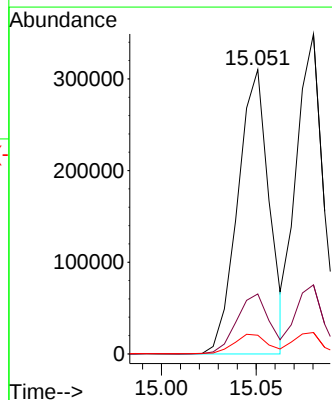
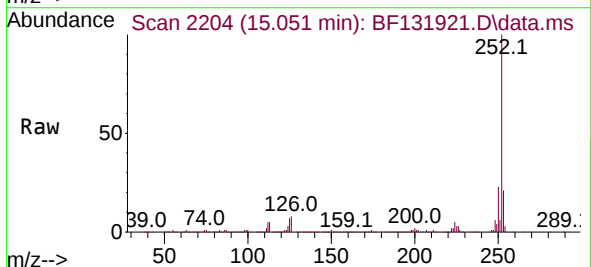
Manual Integrations
APPROVED

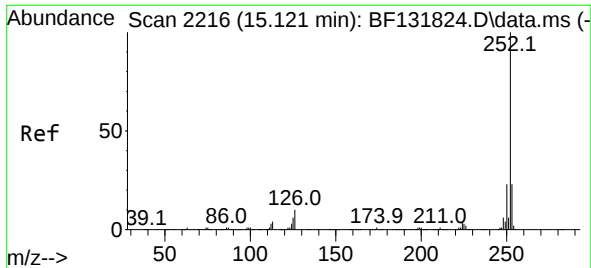
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#88
Benzo(b)fluoranthene
Concen: 36.958 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:252 Resp: 358491
Ion Ratio Lower Upper
252 100
253 21.1 17.6 26.4
125 6.6 5.8 8.8





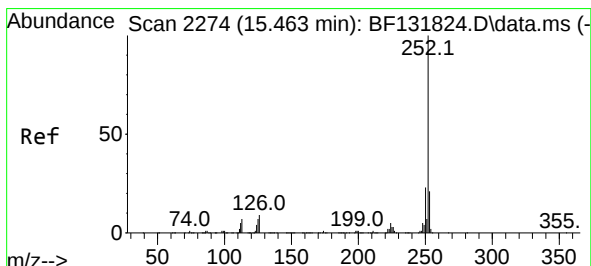
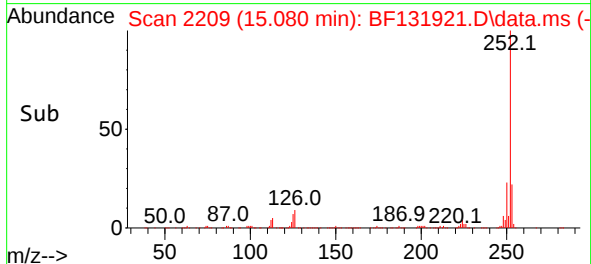
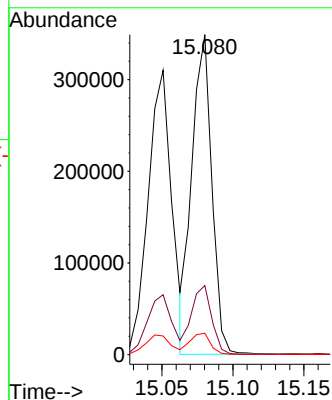
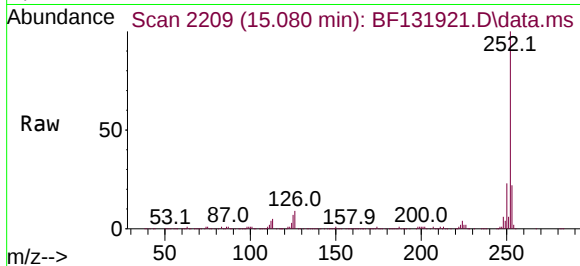
#89
Benzo(k)fluoranthene
Concen: 36.342 ng
RT: 15.080 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Instrument :
BNA_F
ClientSampleId :
PE-12MS

Tgt Ion:252 Resp: 340608
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 6.7 5.4 8.0

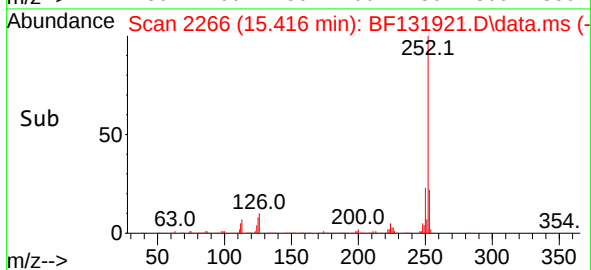
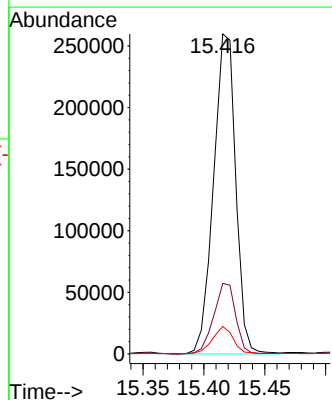
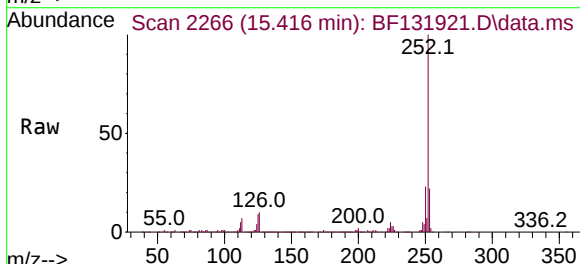
Manual Integrations
APPROVED

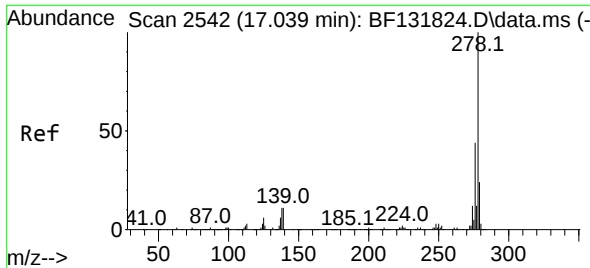
Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#90
Benzo(a)pyrene
Concen: 43.696 ng
RT: 15.416 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

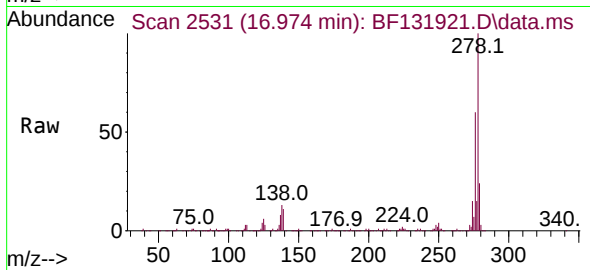
Tgt Ion:252 Resp: 328150
Ion Ratio Lower Upper
252 100
253 22.1 16.6 24.8
125 8.6 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 56.081 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

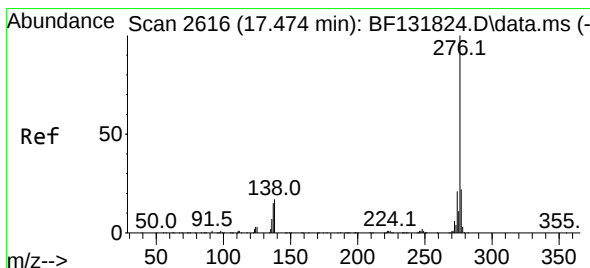
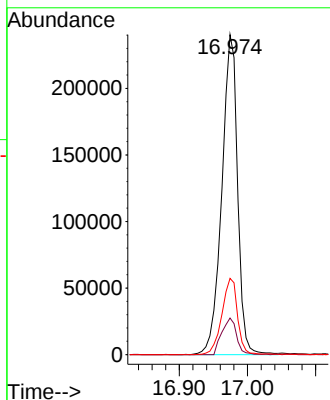
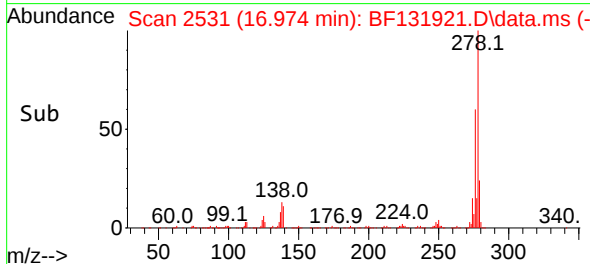
Instrument :
BNA_F
ClientSampleId :
PE-12MS



Tgt Ion:278 Resp: 386075
Ion Ratio Lower Upper
278 100
139 11.4 8.6 12.8
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/06/2023
Supervised By :Jagrut Upadhyay 01/06/2023



#92
Benzo(g,h,i)perylene
Concen: 47.710 ng
RT: 17.410 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF131921.D
Acq: 05 Jan 2023 18:28

Tgt Ion:276 Resp: 388191
Ion Ratio Lower Upper
276 100
277 22.4 17.9 26.9
138 14.4 13.7 20.5

