

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
 Data File : BF131576.D
 Acq On : 09 Dec 2022 20:17
 Operator : CG\JU
 Sample : N5912-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207

Quant Time: Dec 10 04:04:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 06:08:27 2022
 Response via : Initial Calibration

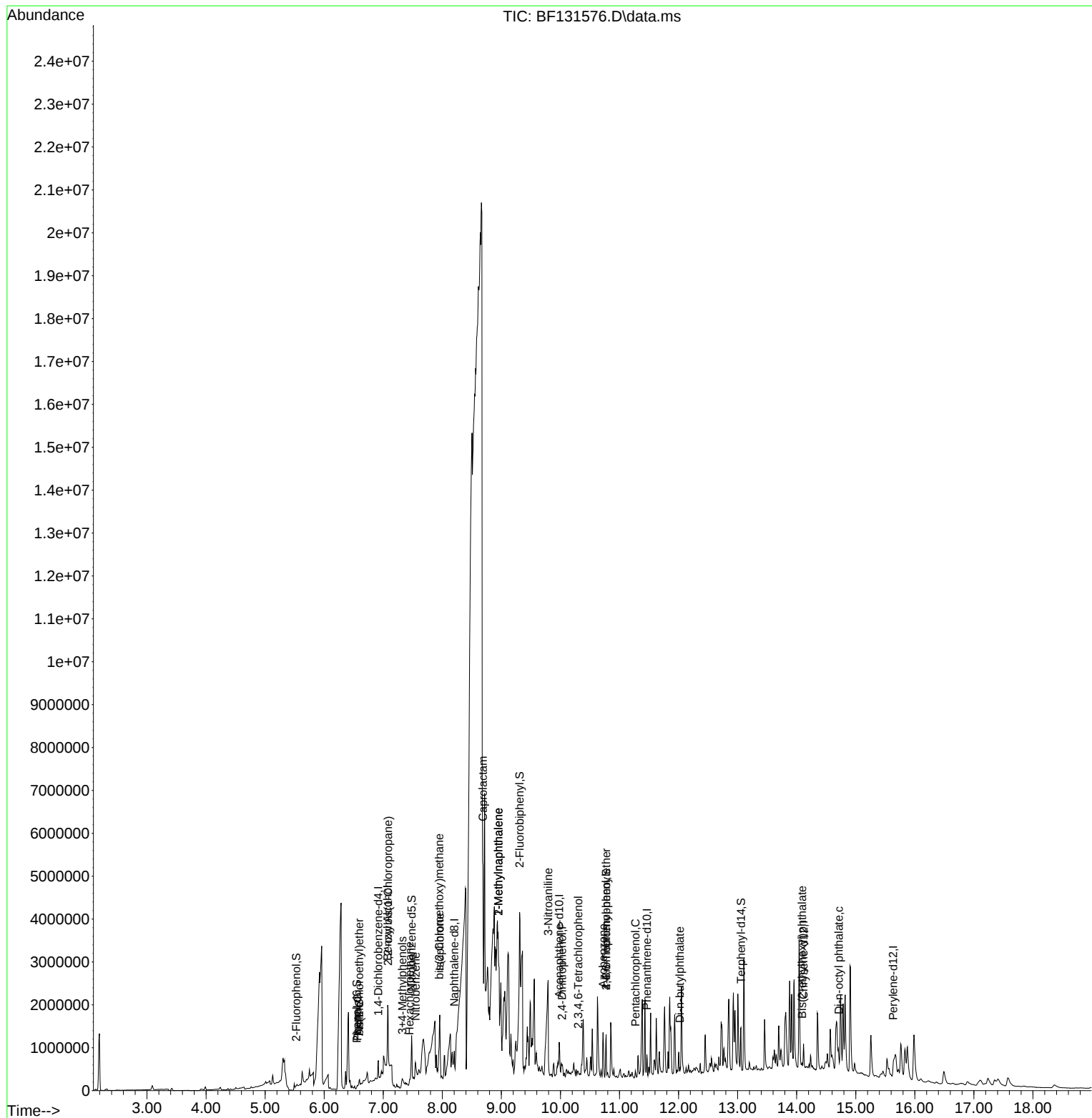
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	56871	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	196954	20.000	ng	# 0.00
39) Acenaphthene-d10	9.980	164	105491	20.000	ng	0.02
64) Phenanthrene-d10	11.463	188	161087	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	114580	20.000	ng	# 0.00
86) Perylene-d12	15.633	264	129806	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	36005	10.562	ng	0.02
7) Phenol-d6	6.551	99	16280	3.644	ng	0.02
23) Nitrobenzene-d5	7.481	82	328672	63.091	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	107516	91.734	ng	0.02
45) 2-Fluorobiphenyl	9.310	172	557016	66.577	ng	0.03
79) Terphenyl-d14	13.057	244	343849	41.155	ng	0.01
Target Compounds						
6) Aniline	6.592	93	21786	4.078	ng	# 11
10) Phenol	6.563	94	28293	5.678	ng	99
11) bis(2-Chloroethyl)ether	6.592	93	21786	5.833	ng	# 43
15) Benzyl Alcohol	7.075	79	17844	4.357	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	7.081	45	44670	9.258	ng	90
18) Hexachloroethane	7.445	117	6306	3.700	ng	# 1
20) 3+4-Methylphenols	7.322	107	78584	17.721	ng	87
24) Nitrobenzene	7.551	77	13896	2.645	ng	# 51
25) Isophorone	7.957	82	17985	2.143	ng	# 1
28) bis(2-Chloroethoxy)met...	7.951	93	29642	6.829	ng	# 1
35) Caprolactam	8.686	113	13387	15.240	ng	# 1
37) 2-Methylnaphthalene	8.951	142	15688	2.068	ng	99
38) 1-Methylnaphthalene	8.951	142	15688	2.154	ng	96
53) 3-Nitroaniline	9.792	138	30339	19.047	ng	# 6
54) 2,4-Dinitrophenol	10.027	184	61	4.157	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.304	232	7159	3.255	ng	# 44
63) Azobenzene	10.721	77	23138	2.629	ng	# 65
67) 4-Bromophenyl-phenylether	10.774	248	7762	3.746	ng	# 1
70) Pentachlorophenol	11.268	266	13164	11.408	ng	96
74) Di-n-butylphthalate	12.021	149	47143	5.389	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.092	149	20290	7.300	ng	97
85) Di-n-octyl phthalate	14.715	149	1564	5.410	ng	# 74

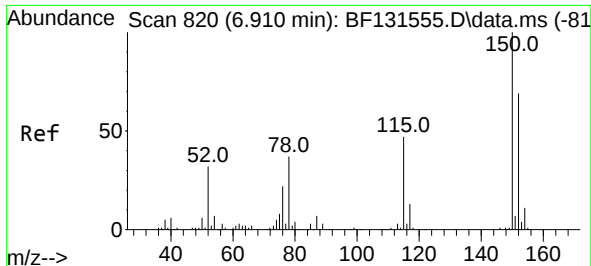
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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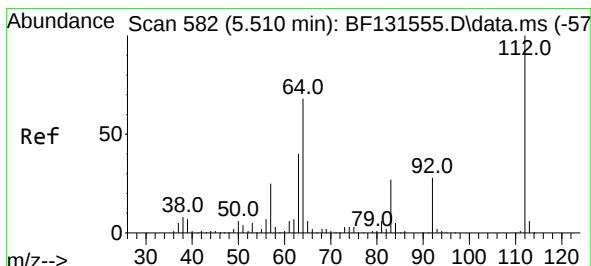
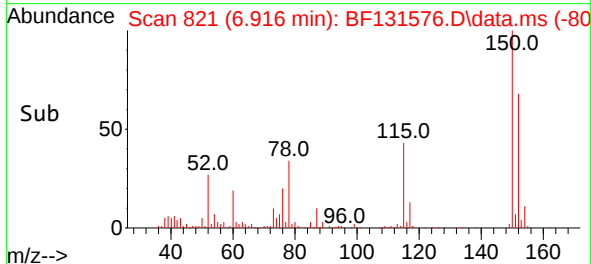
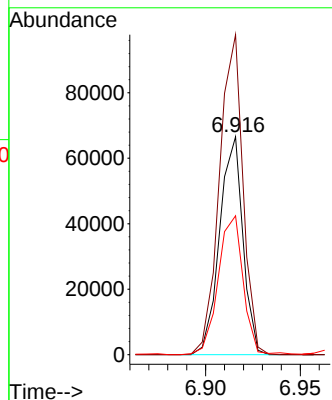
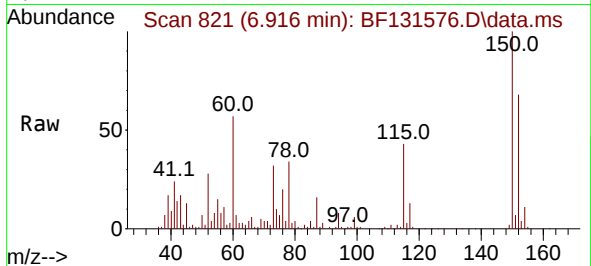




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

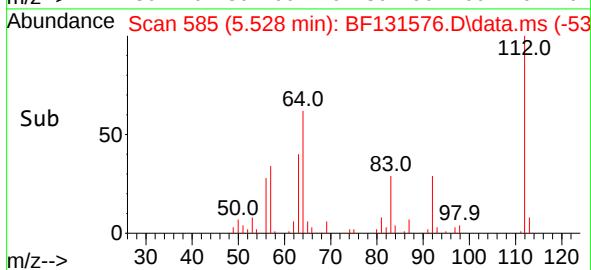
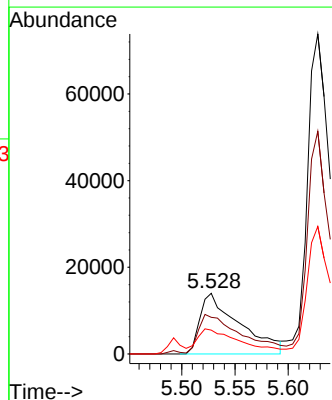
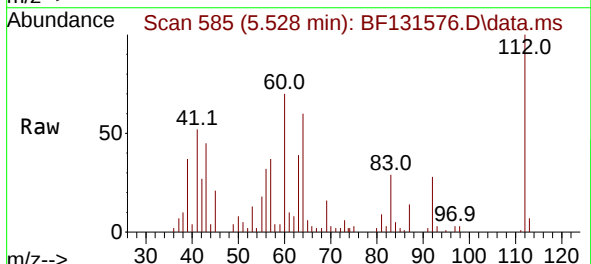
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ClientSampleId :
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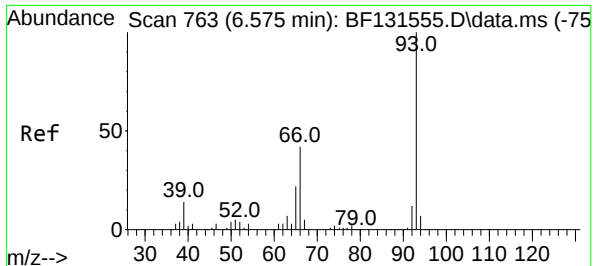
Tgt Ion:152 Resp: 56871
Ion Ratio Lower Upper
152 100
150 146.9 116.7 175.1
115 63.8 54.6 82.0



#5
2-Fluorophenol
Concen: 10.562 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion:112 Resp: 36005
Ion Ratio Lower Upper
112 100
64 60.3 54.5 81.7
63 39.2 31.9 47.9

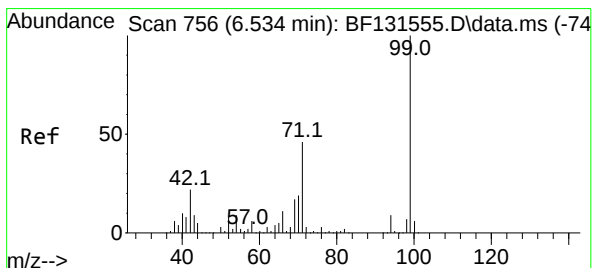
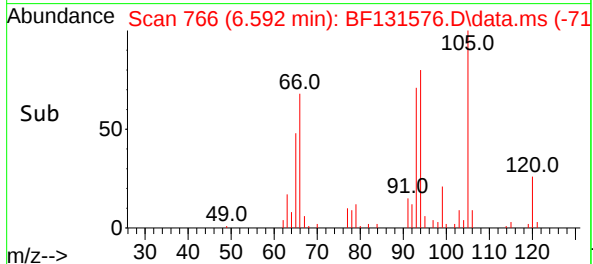
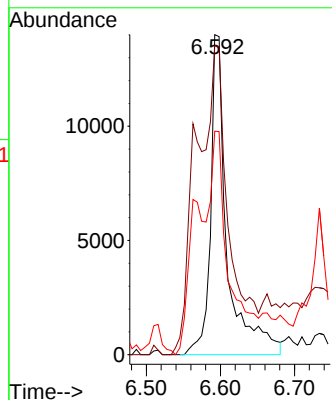
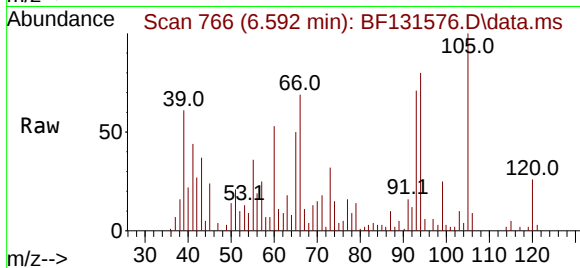




#6
Aniline
Concen: 4.078 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.018 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

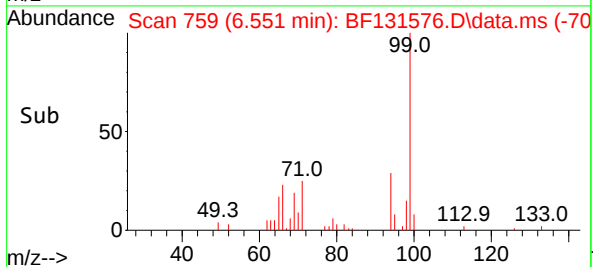
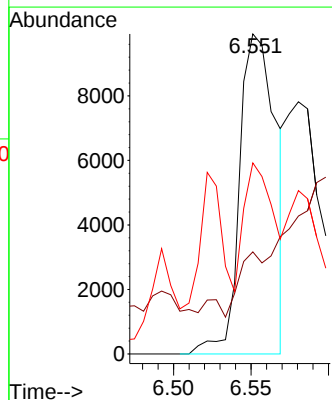
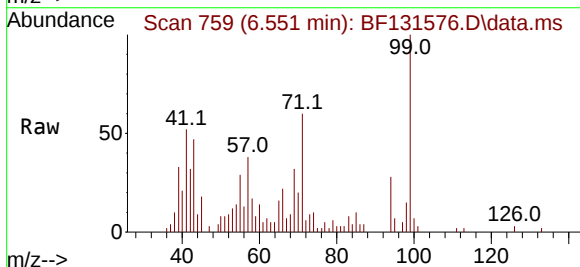
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207

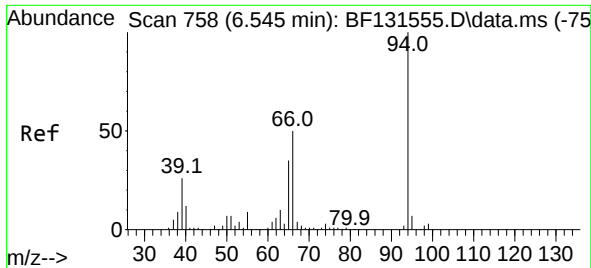
Tgt Ion: 93 Resp: 21786
Ion Ratio Lower Upper
93 100
66 96.6 34.6 51.8#
65 69.9 17.7 26.5#



#7
Phenol-d6
Concen: 3.644 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.018 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion: 99 Resp: 16280
Ion Ratio Lower Upper
99 100
42 31.9 17.9 26.9#
71 59.7 37.2 55.8#





#10

Phenol

Concen: 5.678 ng

RT: 6.563 min Scan# 70

Delta R.T. 0.018 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

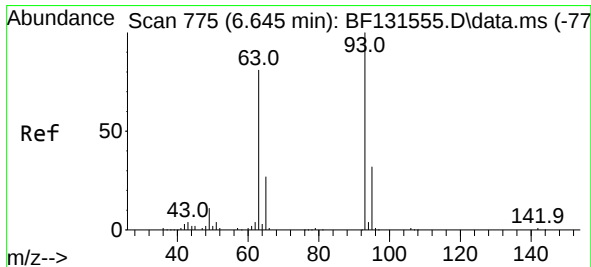
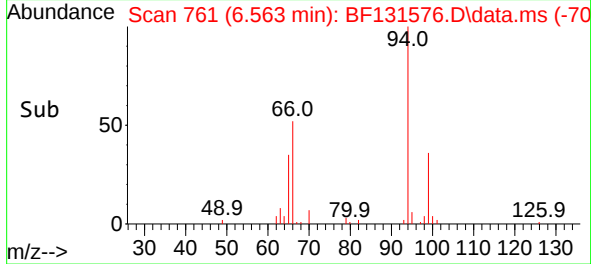
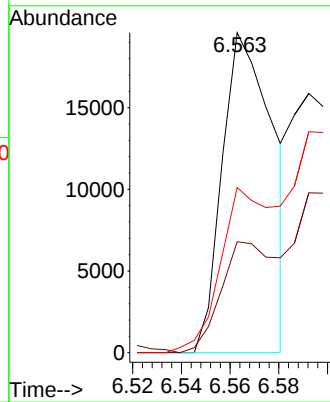
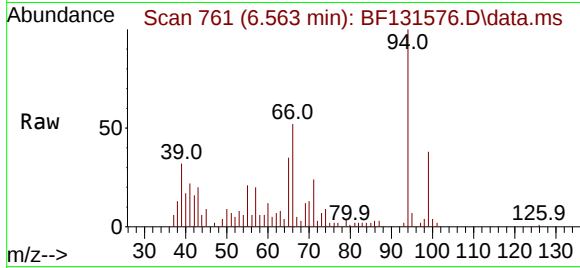
Tgt Ion: 94 Resp: 28293

Ion Ratio Lower Upper

94 100

65 34.7 14.8 54.8

66 51.6 30.8 70.8



#11

bis(2-Chloroethyl)ether

Concen: 5.833 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.053 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

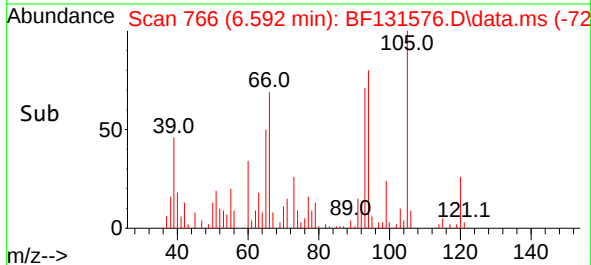
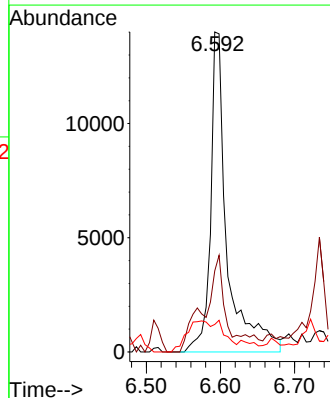
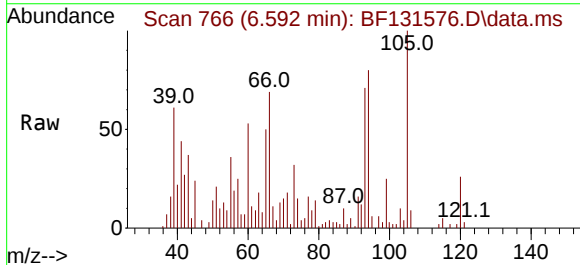
Tgt Ion: 93 Resp: 21786

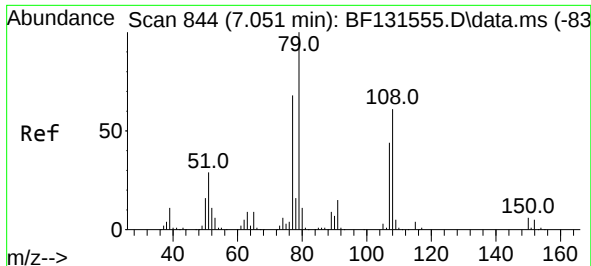
Ion Ratio Lower Upper

93 100

63 25.3 60.4 100.4#

95 8.6 12.3 52.3#

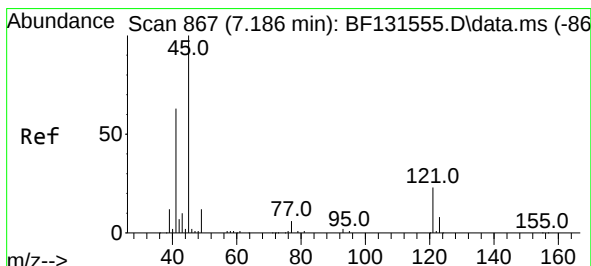
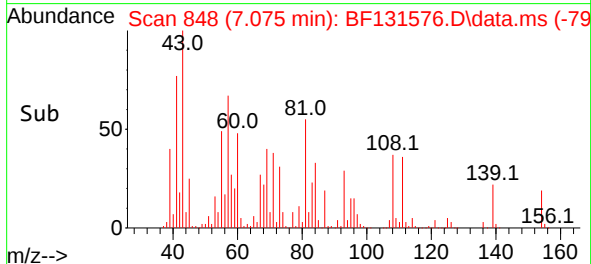
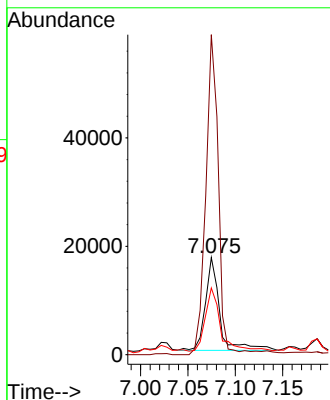
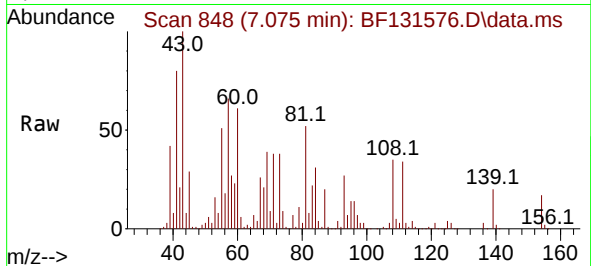




#15
Benzyl Alcohol
Concen: 4.357 ng
RT: 7.075 min Scan# 844
Delta R.T. 0.023 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

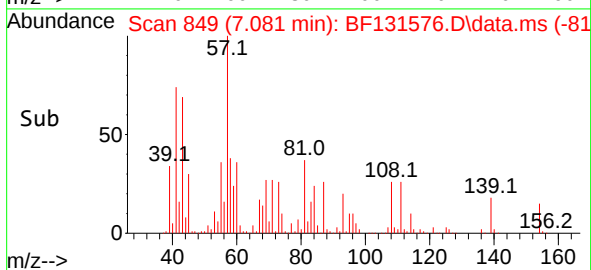
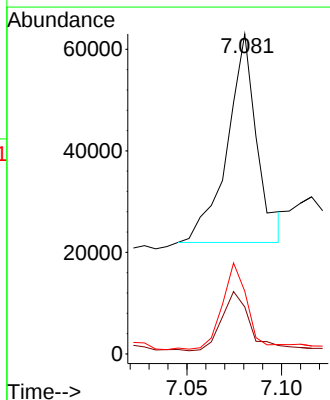
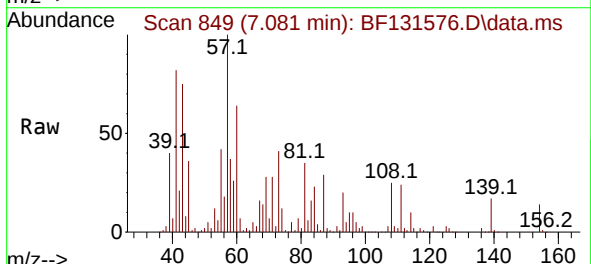
Instrument :
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ClientSampleId :
FMC-TOTE-1207

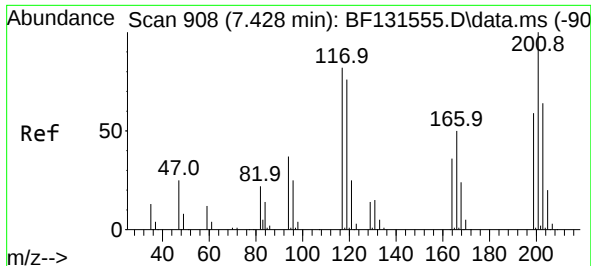
Tgt Ion: 79 Resp: 17844
Ion Ratio Lower Upper
79 100
108 329.5 49.2 73.8#
77 68.7 54.5 81.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.258 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.106 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

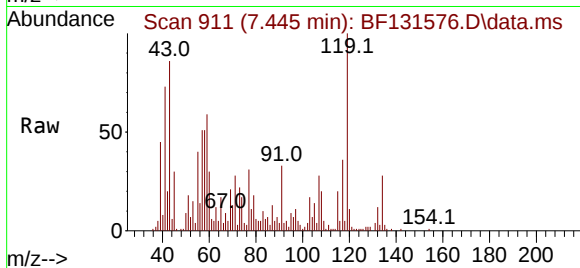
Tgt Ion: 45 Resp: 44670
Ion Ratio Lower Upper
45 100
77 14.7 0.0 37.7
79 19.6 0.0 33.6



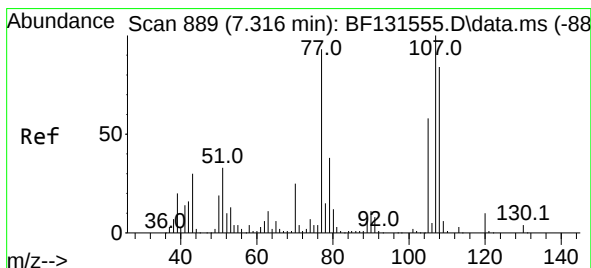
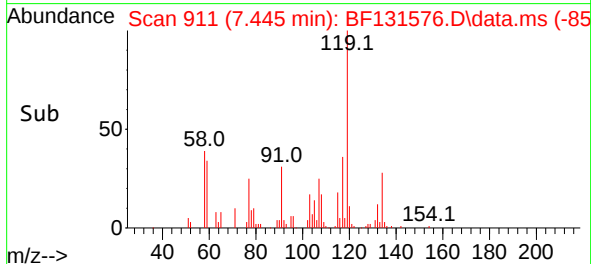
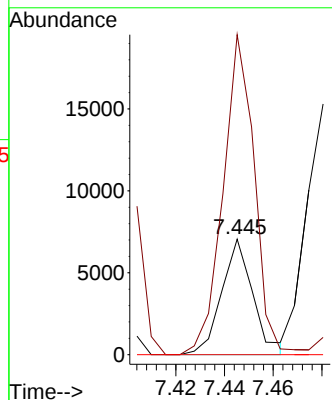


#18
Hexachloroethane
Concen: 3.700 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.018 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207

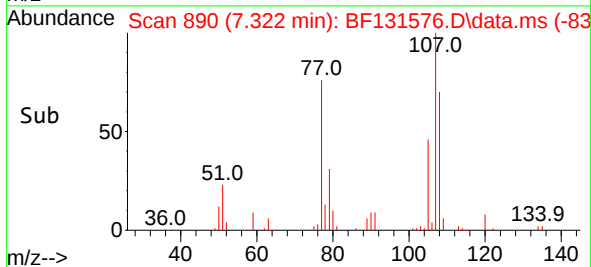
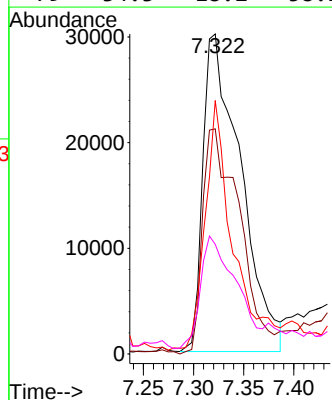
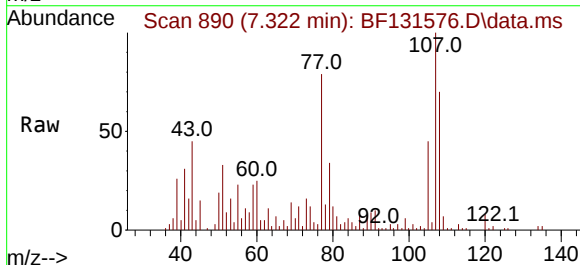


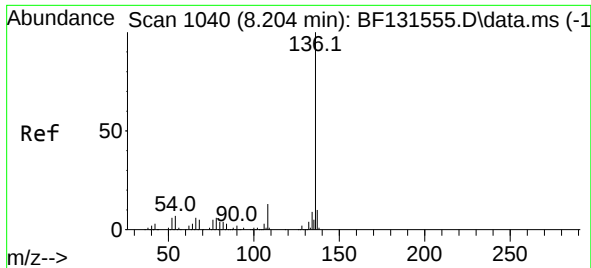
Tgt Ion:117 Resp: 6306
Ion Ratio Lower Upper
117 100
119 277.2 75.0 112.4#
201 0.0 98.0 147.0#



#20
3+4-Methylphenols
Concen: 17.721 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.006 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion:107 Resp: 78584
Ion Ratio Lower Upper
107 100
108 70.4 64.0 104.0
77 79.2 73.1 113.1
79 34.3 18.2 58.2

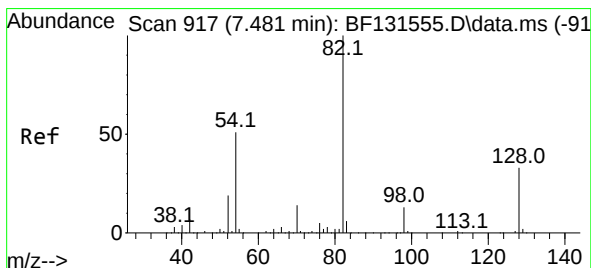
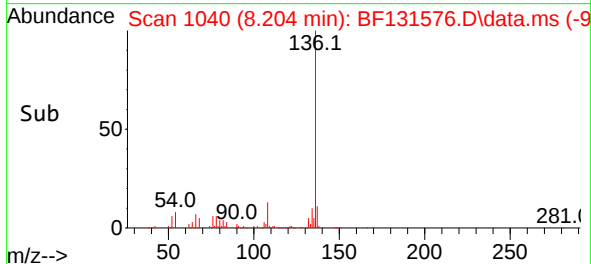
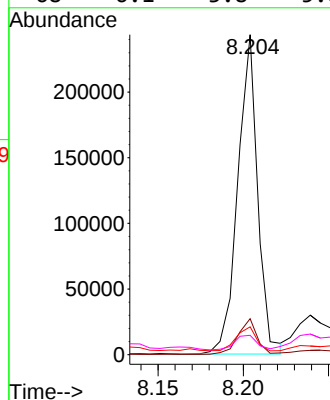
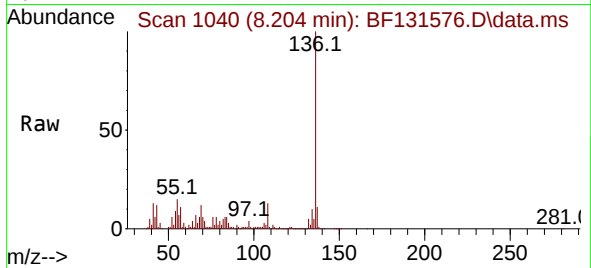




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

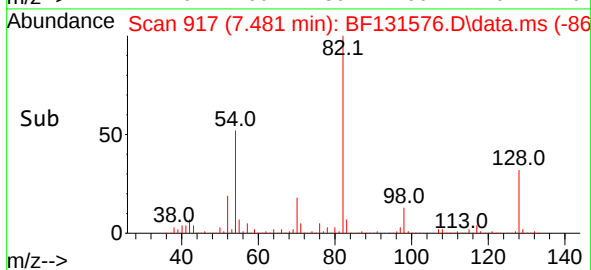
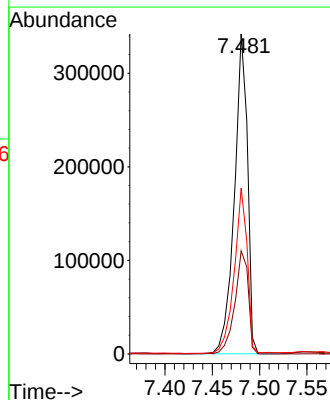
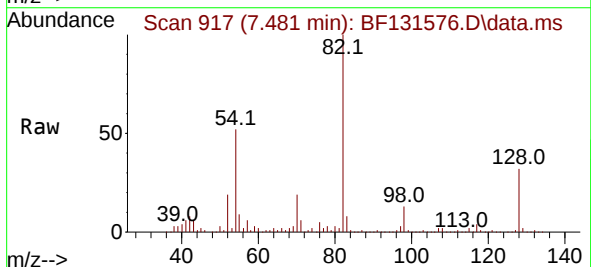
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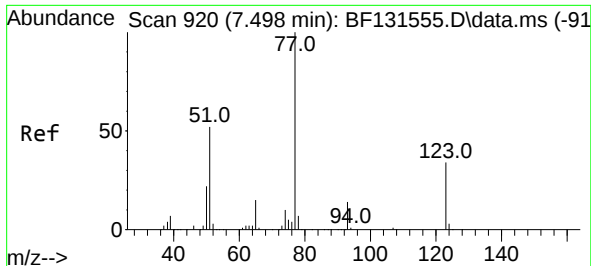
Tgt Ion:136 Resp: 196954
Ion Ratio Lower Upper
136 100
137 11.2 8.1 12.1
54 8.7 6.0 9.0
68 6.1 3.8 5.8#



#23
Nitrobenzene-d5
Concen: 63.091 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion: 82 Resp: 328672
Ion Ratio Lower Upper
82 100
128 32.2 26.1 39.1
54 51.8 40.6 60.8

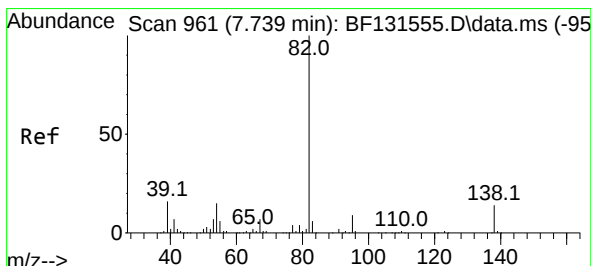
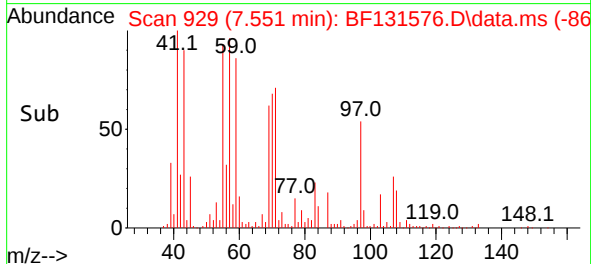
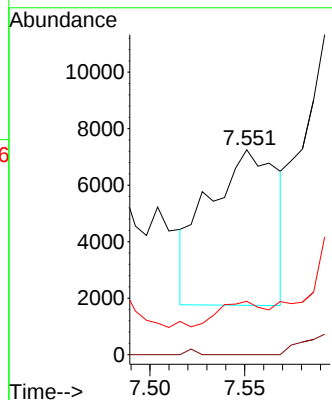
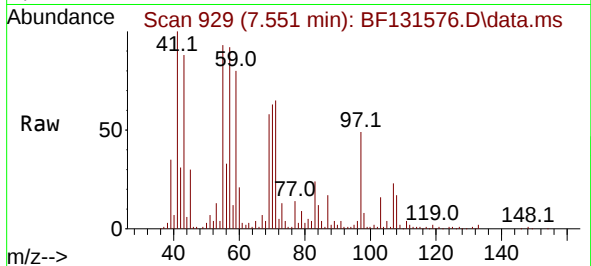




#24
Nitrobenzene
Concen: 2.645 ng
RT: 7.551 min Scan# 91
Delta R.T. 0.053 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

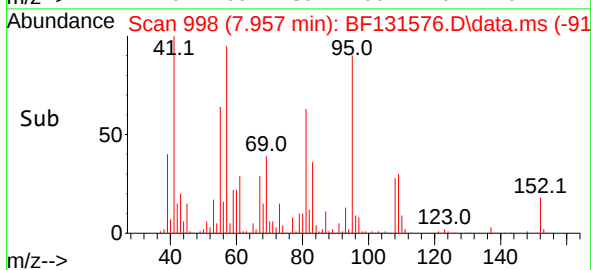
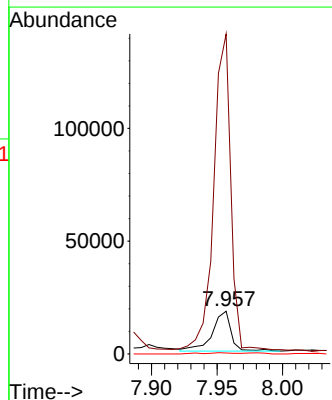
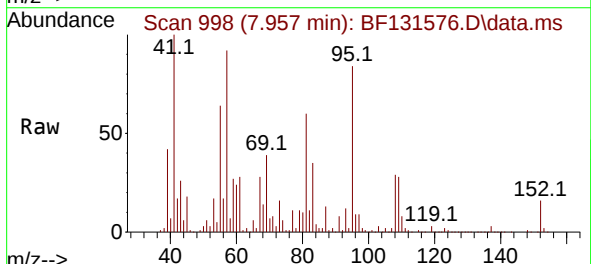
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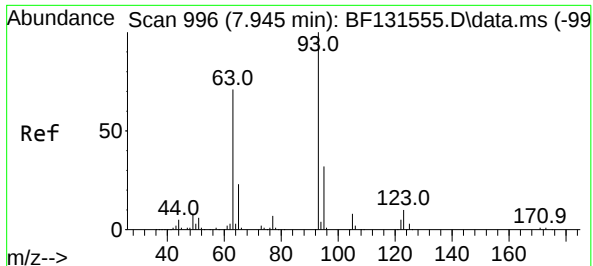
Tgt Ion: 77 Resp: 13896
Ion Ratio Lower Upper
77 100
123 0.0 27.1 40.7#
65 26.1 11.9 17.9#



#25
Isophorone
Concen: 2.143 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.218 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion: 82 Resp: 17985
Ion Ratio Lower Upper
82 100
95 750.3 6.9 10.3#
138 2.3 11.4 17.0#





#28

bis(2-Chloroethoxy)methane

Concen: 6.829 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.006 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

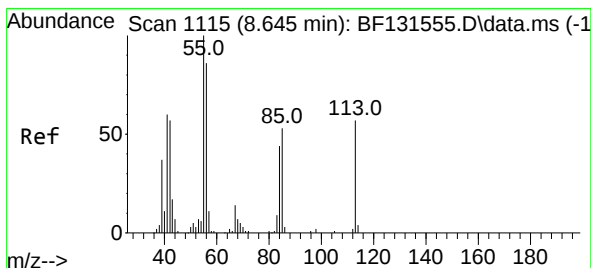
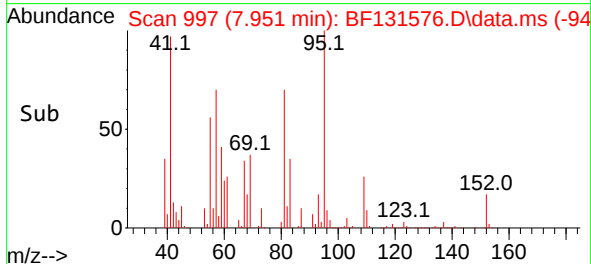
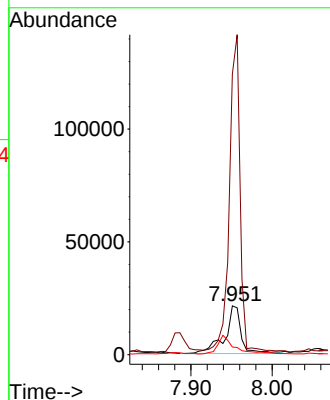
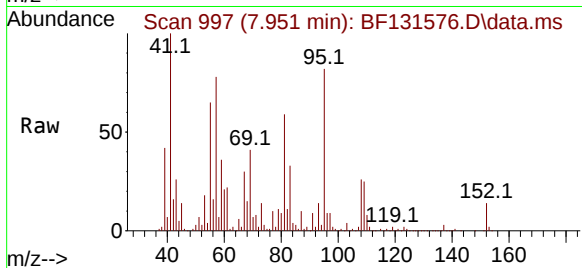
Tgt Ion: 93 Resp: 29642

Ion Ratio Lower Upper

93 100

95 575.6 25.8 38.6#

123 15.7 8.1 12.1#



#35

Caprolactam

Concen: 15.240 ng

RT: 8.686 min Scan# 1122

Delta R.T. 0.041 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

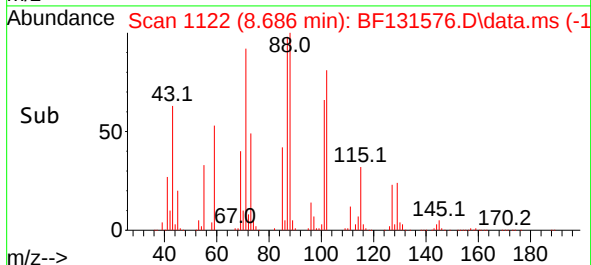
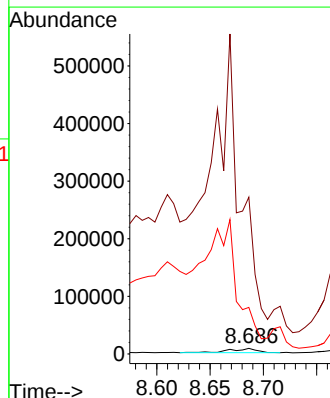
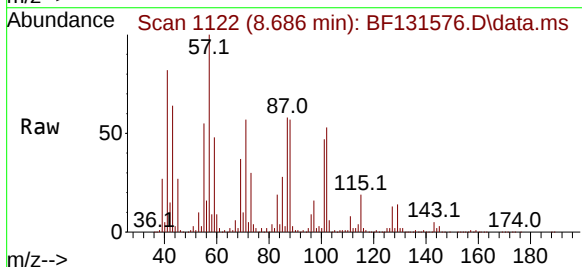
Tgt Ion: 113 Resp: 13387

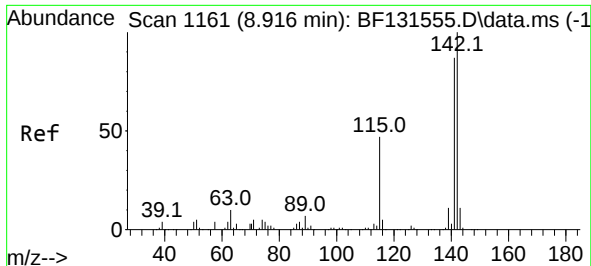
Ion Ratio Lower Upper

113 100

55 2756.1 155.8 195.8#

56 817.3 131.7 171.7#





#37

2-Methylnaphthalene

Concen: 2.068 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.035 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

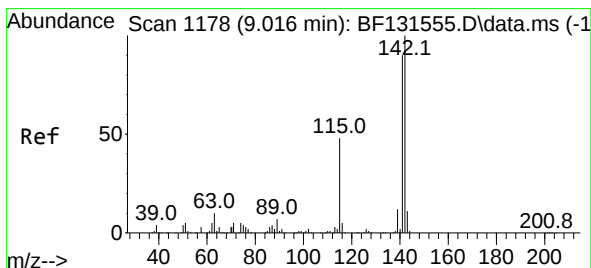
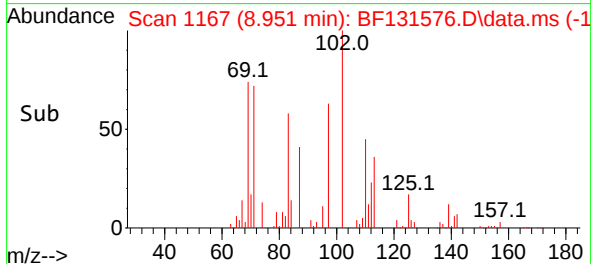
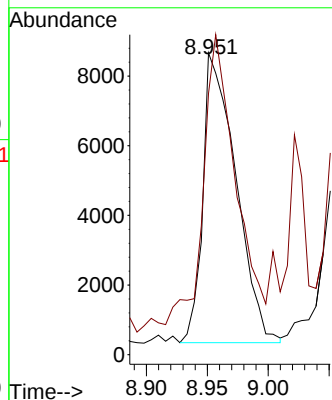
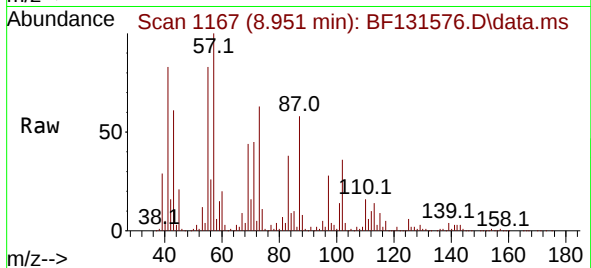
FMC-TOTE-1207

Tgt Ion:142 Resp: 15688

Ion Ratio Lower Upper

142 100

141 86.6 69.7 104.5



#38

1-Methylnaphthalene

Concen: 2.154 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.065 min

Lab File: BF131576.D

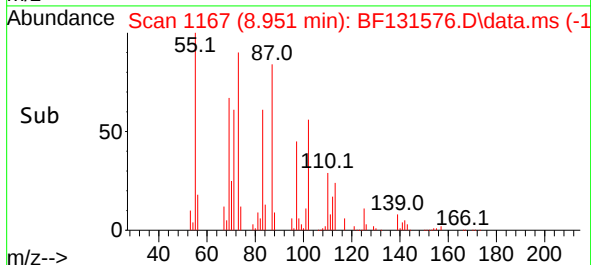
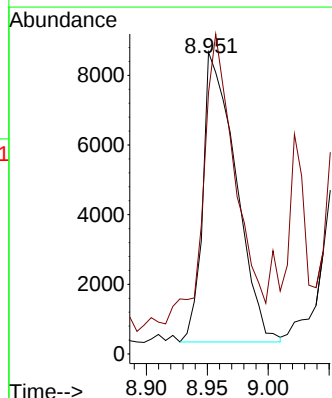
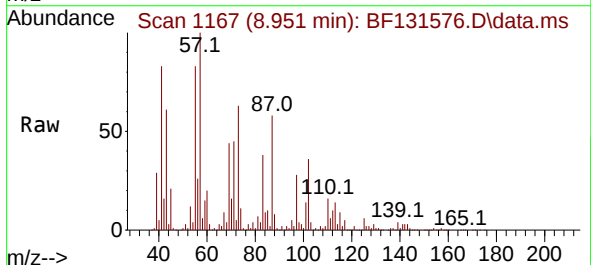
Acq: 09 Dec 2022 20:17

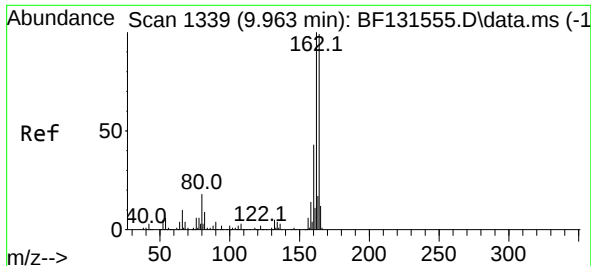
Tgt Ion:142 Resp: 15688

Ion Ratio Lower Upper

142 100

141 86.6 71.9 107.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 11

Delta R.T. 0.017 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

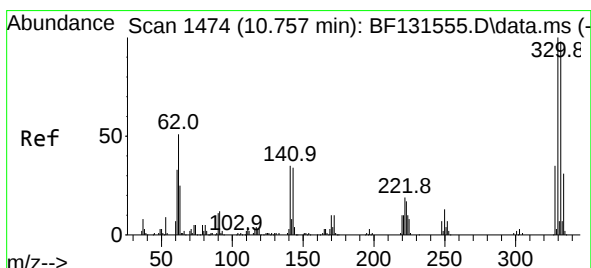
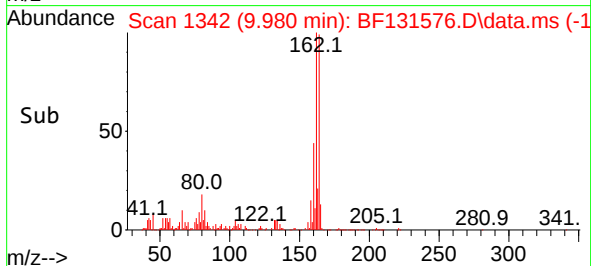
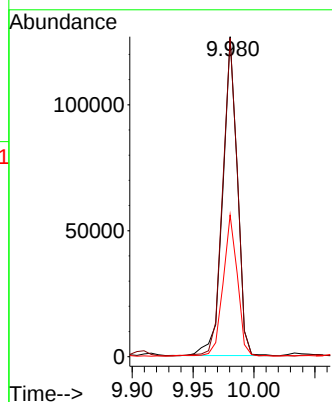
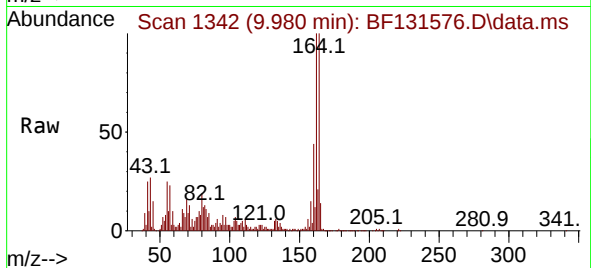
Tgt Ion:164 Resp: 105491

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.6

160 44.3 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 91.734 ng

RT: 10.774 min Scan# 1477

Delta R.T. 0.018 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

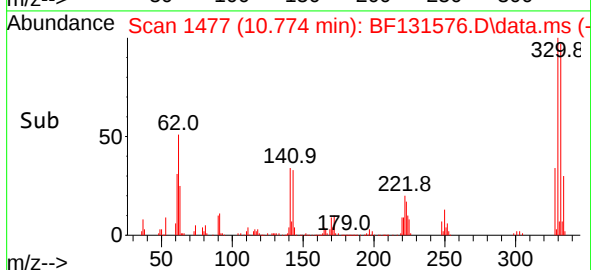
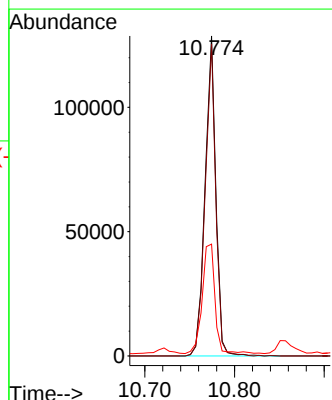
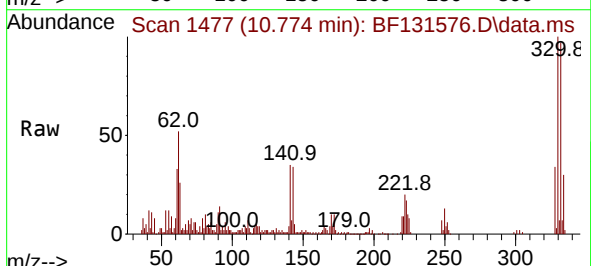
Tgt Ion:330 Resp: 107516

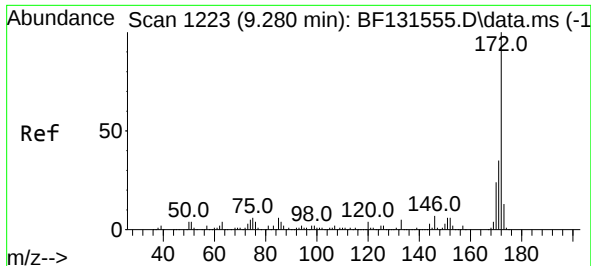
Ion Ratio Lower Upper

330 100

332 95.7 78.3 117.5

141 40.3 32.6 49.0





#45

2-Fluorobiphenyl

Concen: 66.577 ng

RT: 9.310 min Scan# 11

Delta R.T. 0.029 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

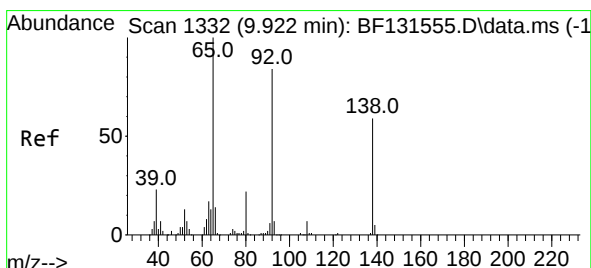
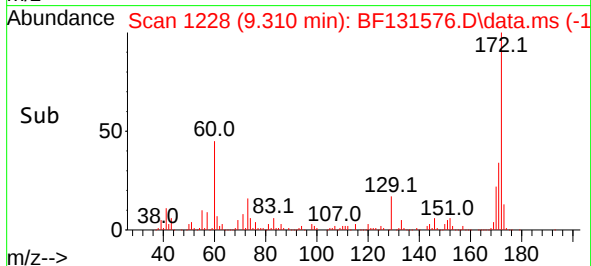
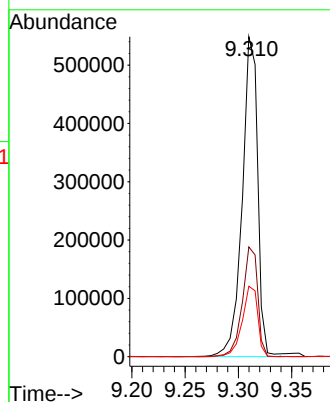
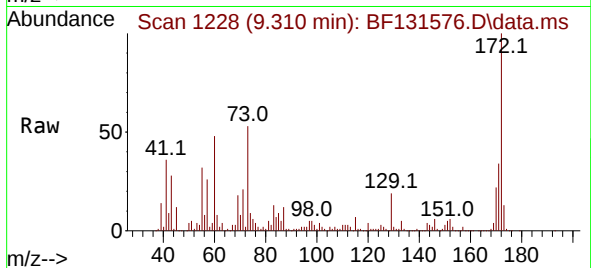
Tgt Ion:172 Resp: 557016

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 22.0 19.3 28.9



#53

3-Nitroaniline

Concen: 19.047 ng

RT: 9.792 min Scan# 1310

Delta R.T. -0.130 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

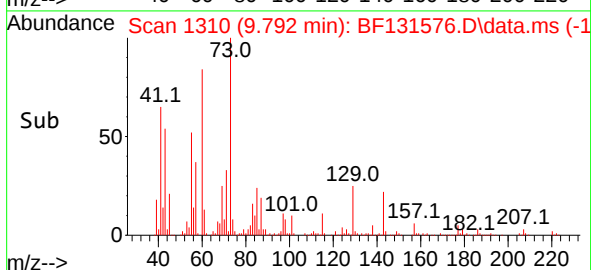
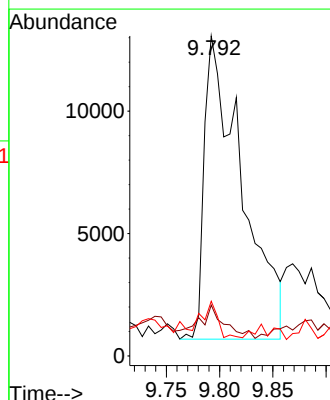
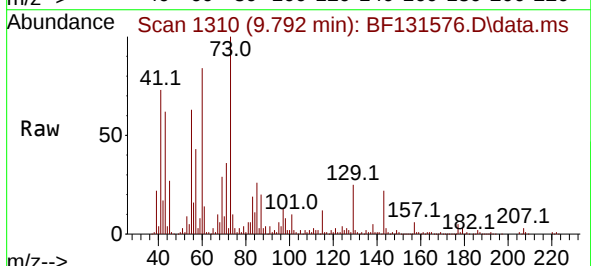
Tgt Ion:138 Resp: 30339

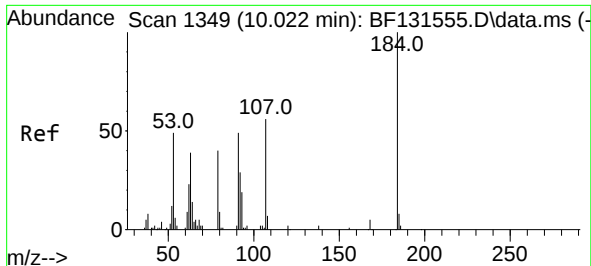
Ion Ratio Lower Upper

138 100

108 15.9 9.6 14.4#

92 17.1 113.4 170.0#

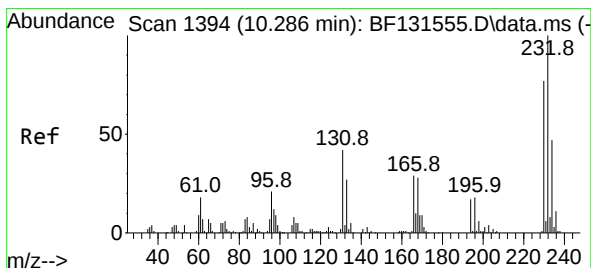
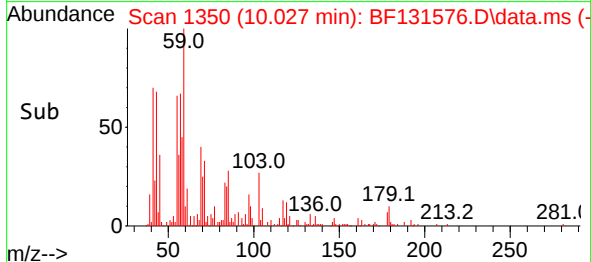
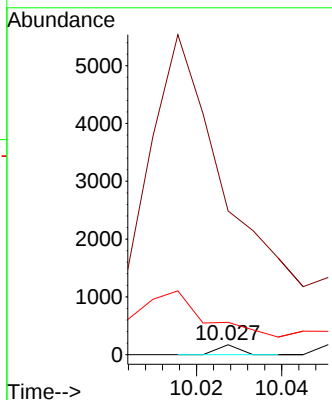
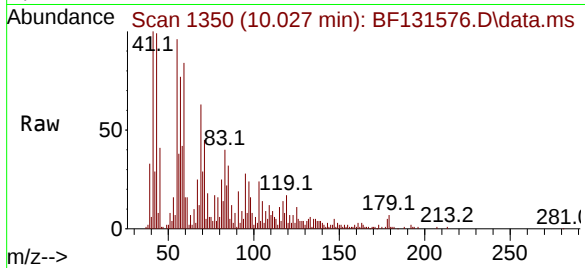




#54
2,4-Dinitrophenol
Concen: 4.157 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.005 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

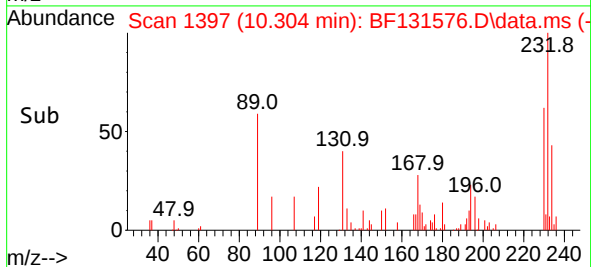
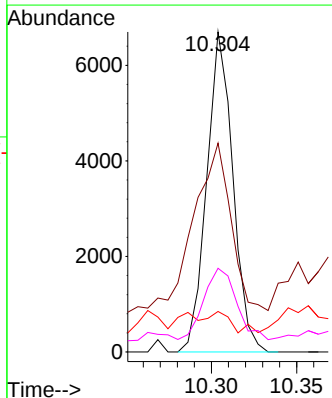
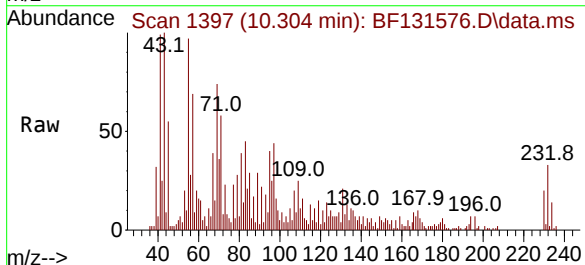
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207

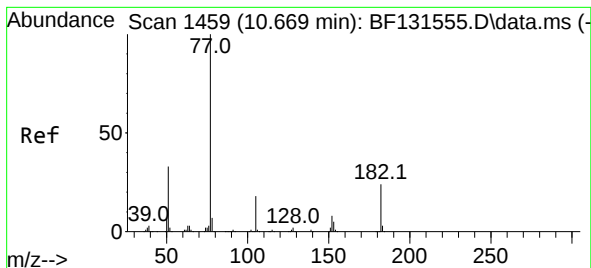
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 1444.8 60.7 91.1#
154 325.0 59.0 88.6#



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.255 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.018 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion:232 Resp: 7159
Ion Ratio Lower Upper
232 100
131 92.1 31.0 46.6#
130 3.7 1.8 2.8#
166 27.7 18.8 28.2





#63

Azobenzene

Concen: 2.629 ng

RT: 10.721 min Scan# 1459

Delta R.T. 0.053 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

Tgt Ion: 77 Resp: 23138

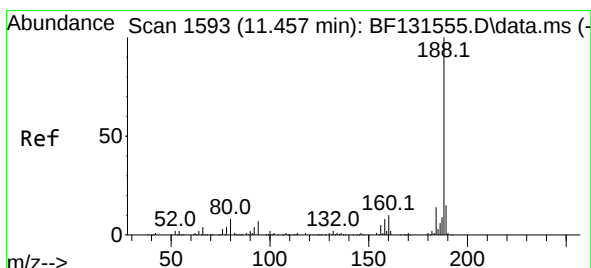
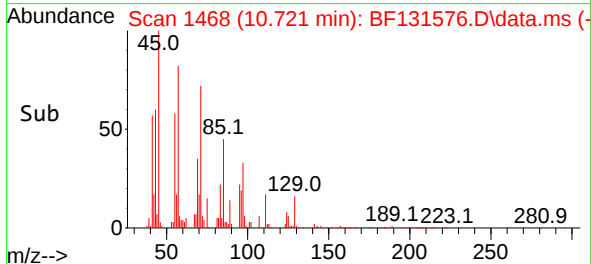
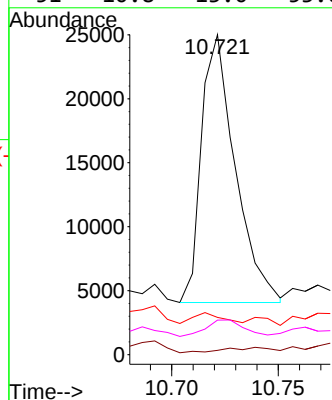
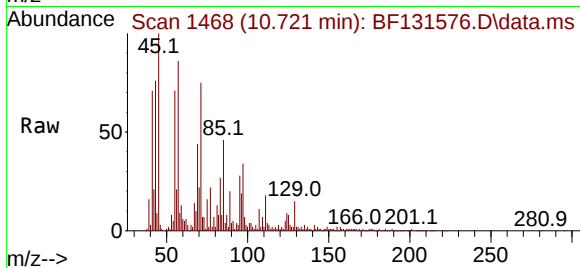
Ion Ratio Lower Upper

77 100

182 1.4 3.9 43.9#

105 11.7 0.0 38.3

51 10.8 13.0 53.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.463 min Scan# 1594

Delta R.T. 0.006 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

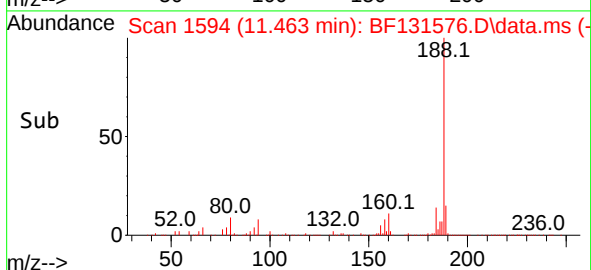
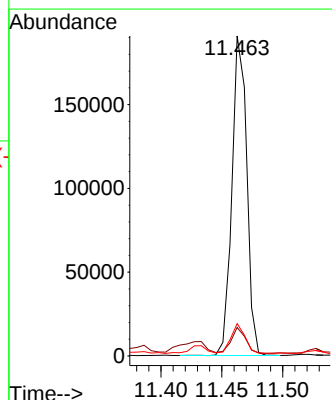
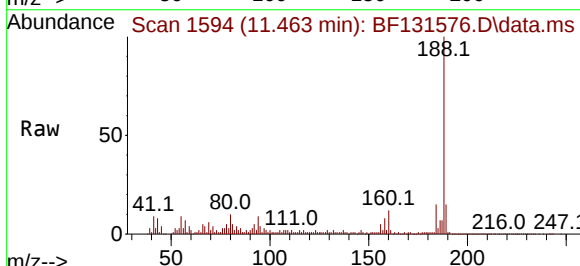
Tgt Ion: 188 Resp: 161087

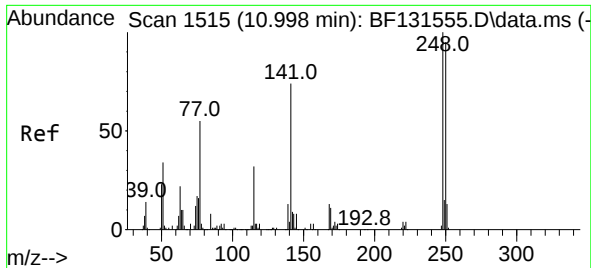
Ion Ratio Lower Upper

188 100

94 8.9 5.5 8.3#

80 10.1 6.6 10.0#

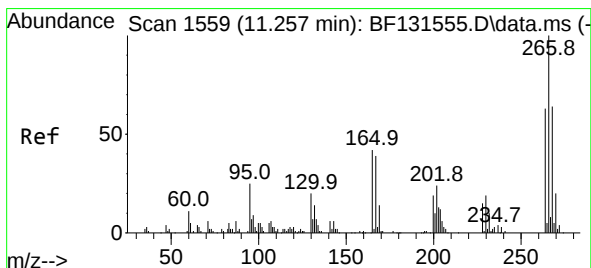
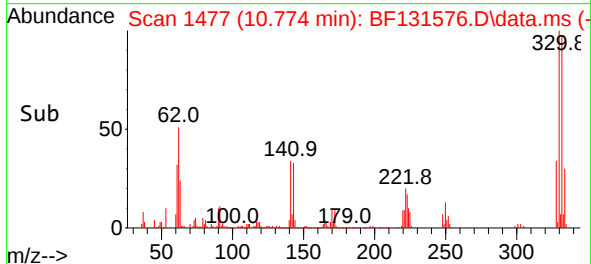
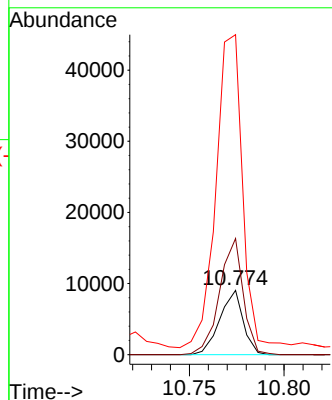
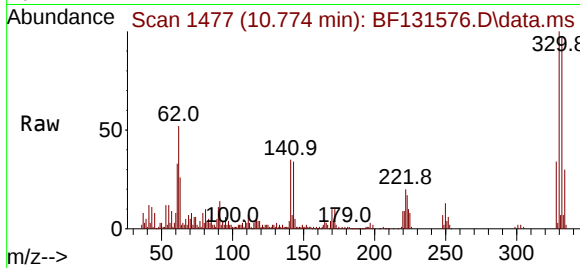




#67
4-Bromophenyl-phenylether
Concen: 3.746 ng
RT: 10.774 min Scan# 14
Delta R.T. -0.224 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

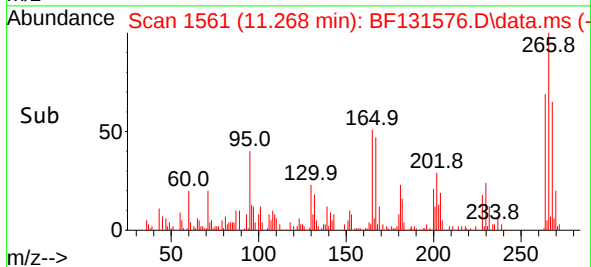
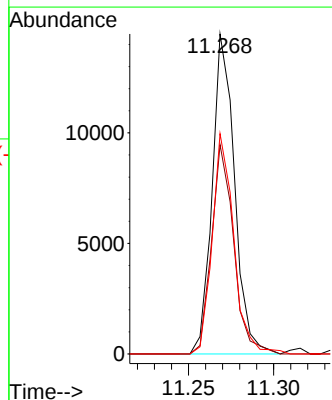
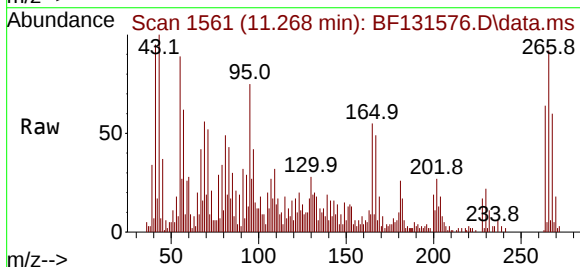
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207

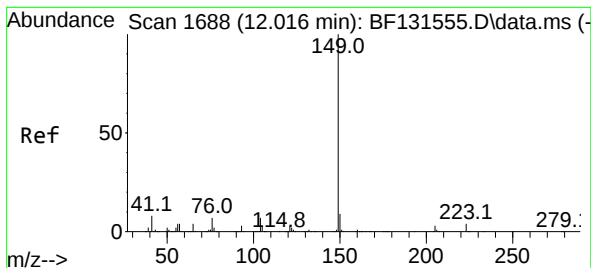
Tgt Ion:248 Resp: 7762
Ion Ratio Lower Upper
248 100
250 180.5 76.2 114.2#
141 497.2 59.5 89.3#



#70
Pentachlorophenol
Concen: 11.408 ng
RT: 11.268 min Scan# 1561
Delta R.T. 0.011 min
Lab File: BF131576.D
Acq: 09 Dec 2022 20:17

Tgt Ion:266 Resp: 13164
Ion Ratio Lower Upper
266 100
268 65.4 51.5 77.3
264 68.8 50.7 76.1





#74

Di-n-butylphthalate

Concen: 5.389 ng

RT: 12.021 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

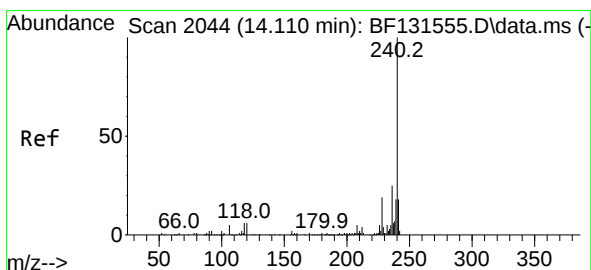
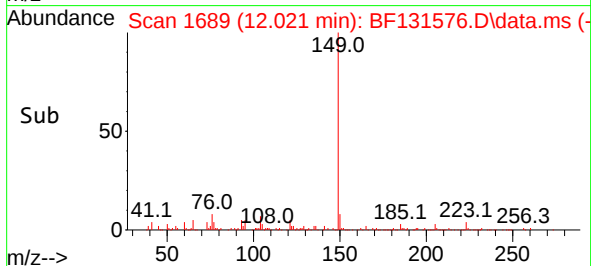
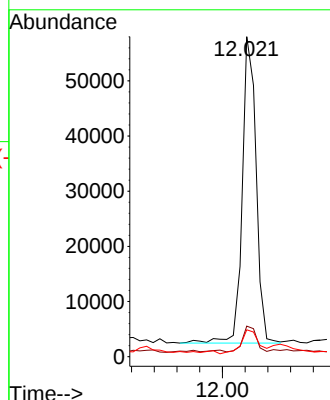
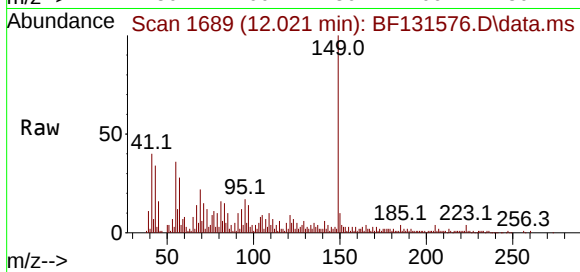
Tgt Ion:149 Resp: 47143

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 8.4 5.2 7.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.005 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

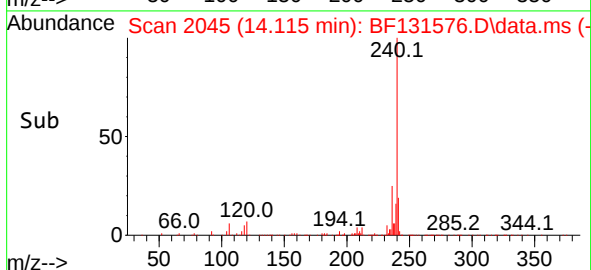
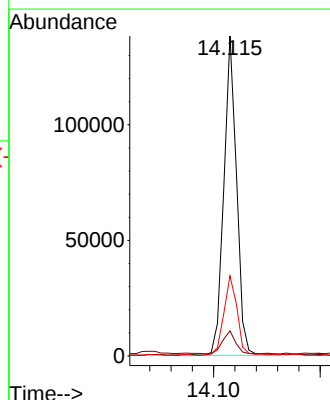
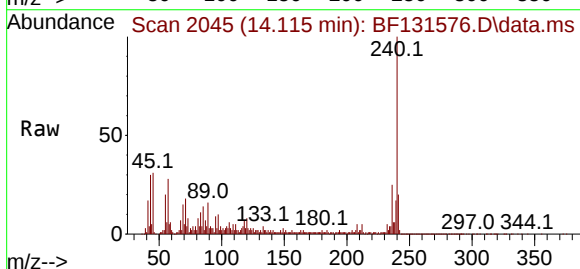
Tgt Ion:240 Resp: 114580

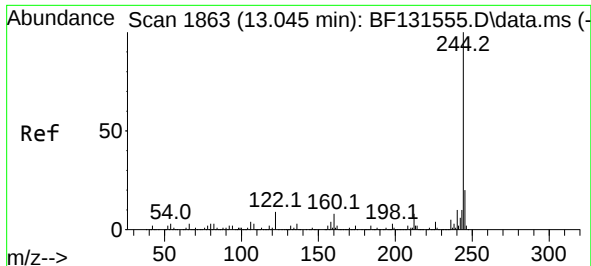
Ion Ratio Lower Upper

240 100

120 7.9 4.6 7.0#

236 25.0 20.2 30.2

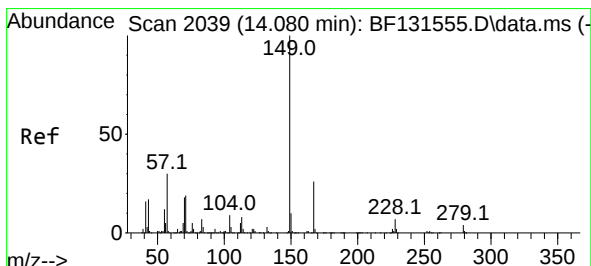
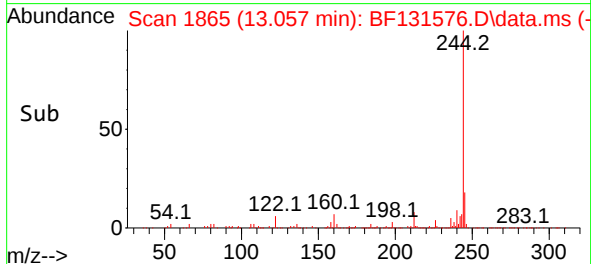
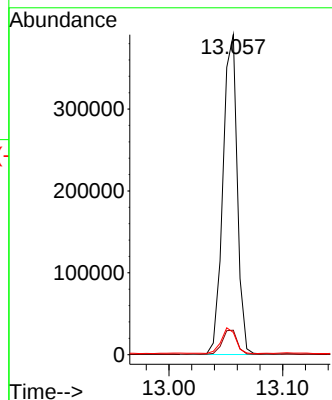
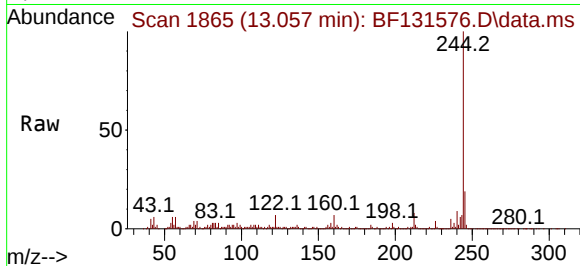




#79
 Terphenyl-d14
 Concen: 41.155 ng
 RT: 13.057 min Scan# 1865
 Delta R.T. 0.012 min
 Lab File: BF131576.D
 Acq: 09 Dec 2022 20:17

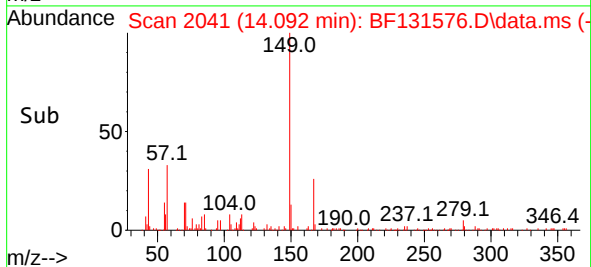
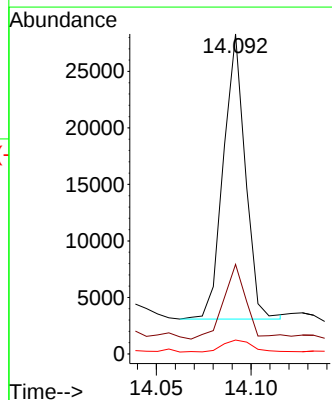
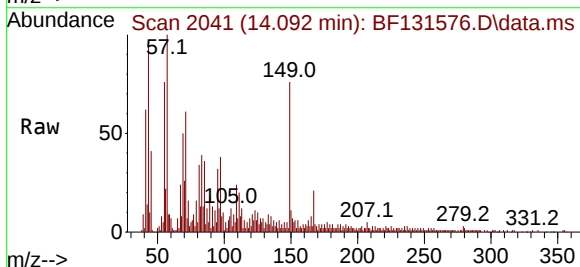
Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207

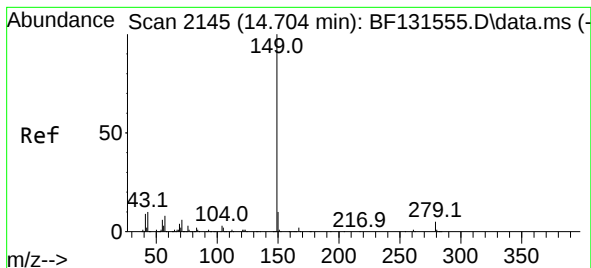
Tgt Ion:244 Resp: 343849
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 6.9 7.1 10.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.300 ng
 RT: 14.092 min Scan# 2041
 Delta R.T. 0.012 min
 Lab File: BF131576.D
 Acq: 09 Dec 2022 20:17

Tgt Ion:149 Resp: 20290
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.8 31.2
 279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 5.410 ng

RT: 14.715 min Scan# 2145

Delta R.T. 0.011 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207

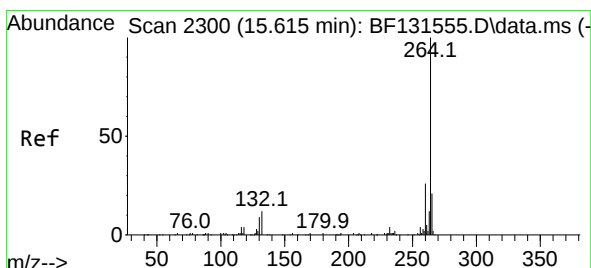
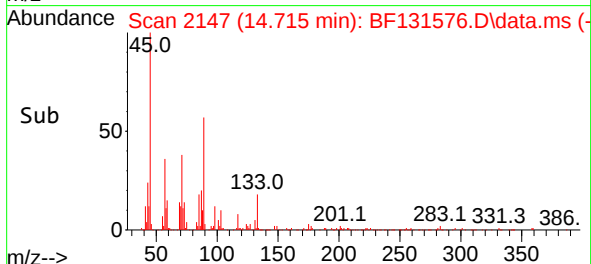
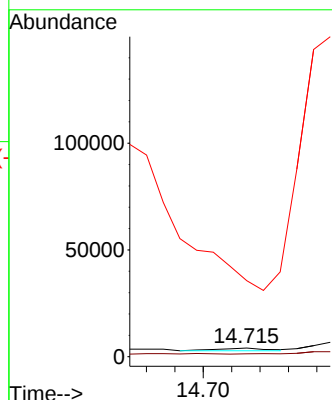
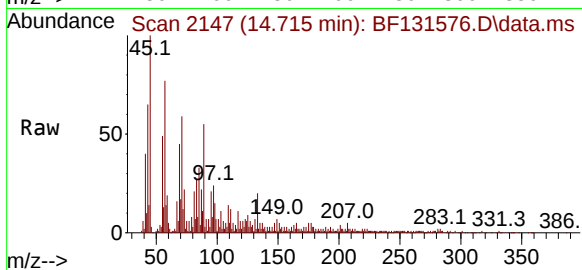
Tgt Ion:149 Resp: 1564

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2303

Delta R.T. 0.018 min

Lab File: BF131576.D

Acq: 09 Dec 2022 20:17

Tgt Ion:264 Resp: 129806

Ion Ratio Lower Upper

264 100

260 23.0 20.6 30.8

265 21.0 16.8 25.2

