

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121022\
 Data File : BF131587.D
 Acq On : 10 Dec 2022 15:24
 Operator : CG\JU
 Sample : N5912-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207RE

Quant Time: Dec 12 06:01:12 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)

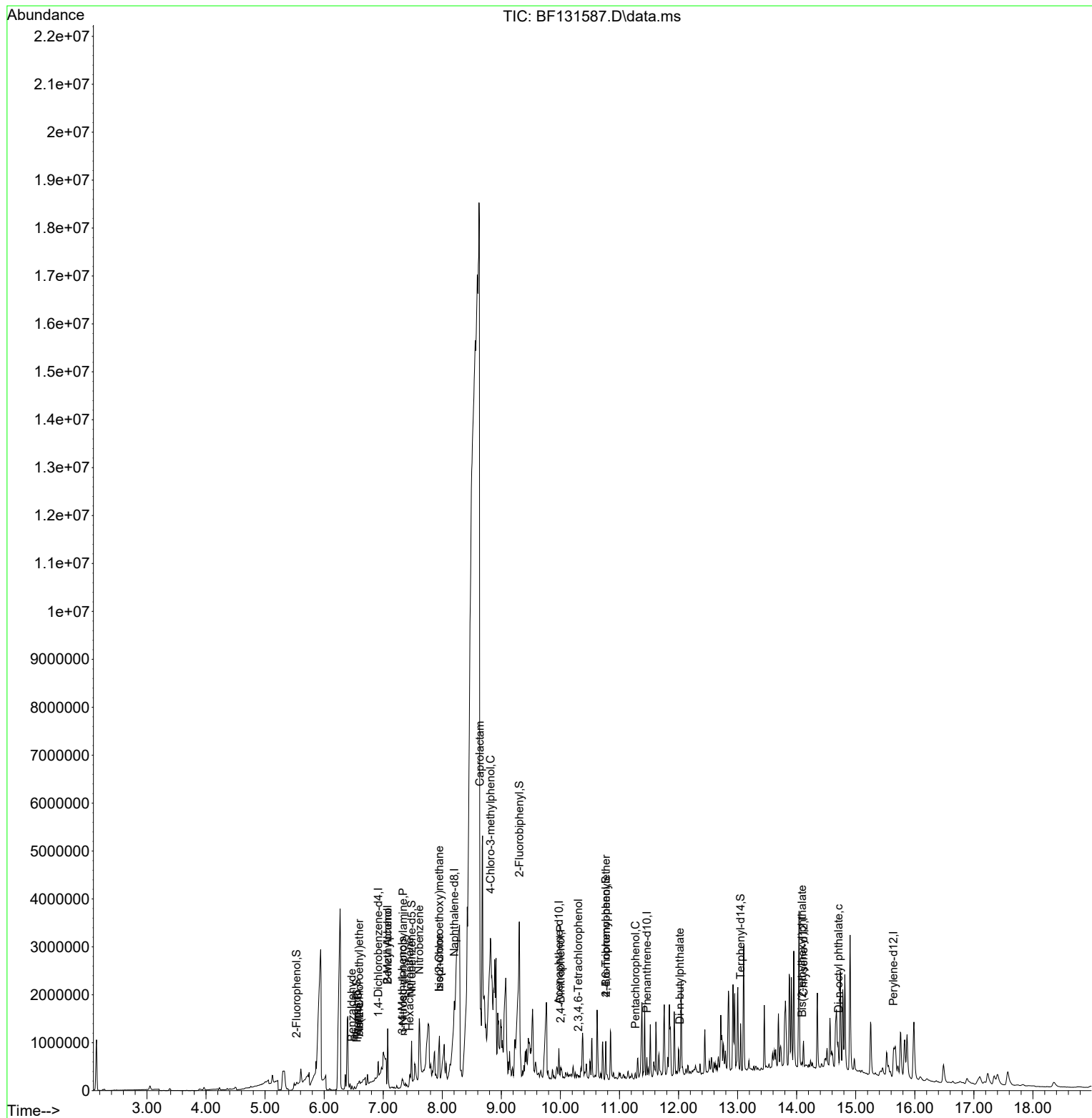
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	43656	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	146840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	72054	20.000	ng	0.01
64) Phenanthrene-d10	11.463	188	127447	20.000	ng	0.00
76) Chrysene-d12	14.116	240	111866	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	124163	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	25004	9.555	ng	0.02
7) Phenol-d6	6.551	99	22679	6.614	ng	0.02
23) Nitrobenzene-d5	7.481	82	241499	62.179	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	78906	98.566	ng	0.01
45) 2-Fluorobiphenyl	9.304	172	387008	67.723	ng	0.02
79) Terphenyl-d14	13.051	244	306155	37.533	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.593	93	11074	2.700	ng	# 1
9) Benzaldehyde	6.469	77	5132	2.185	ng	# 1
10) Phenol	6.569	94	58068	15.181	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	11074	3.862	ng	# 56
15) Benzyl Alcohol	7.075	79	13909	4.424	ng	# 1
17) 2-Methylphenol	7.075	107	5265	2.107	ng	# 1
18) Hexachloroethane	7.445	117	4998	3.820	ng	# 1
19) n-Nitroso-di-n-propyla...	7.334	70	16355	6.361	ng	# 23
20) 3+4-Methylphenols	7.322	107	62696	18.418	ng	87
24) Nitrobenzene	7.610	77	242681	61.951	ng	# 55
25) Isophorone	7.951	82	13739	2.196	ng	# 1
28) bis(2-Chloroethoxy)met...	7.951	93	14776	4.566	ng	# 1
35) Caprolactam	8.634	113	8392	12.814	ng	# 1
36) 4-Chloro-3-methylphenol	8.816	107	22144	7.789	ng	97
54) 2,4-Dinitrophenol	10.004	184	55	4.176	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.304	232	5407	3.599	ng	# 53
67) 4-Bromophenyl-phenylether	10.769	248	5809	3.543	ng	# 1
70) Pentachlorophenol	11.269	266	11317	12.396	ng	98
74) Di-n-butylphthalate	12.022	149	37824	5.465	ng	# 95
84) Bis(2-ethylhexyl)phtha...	14.092	149	20947	7.545	ng	# 98
85) Di-n-octyl phthalate	14.710	149	647	5.300	ng	# 52

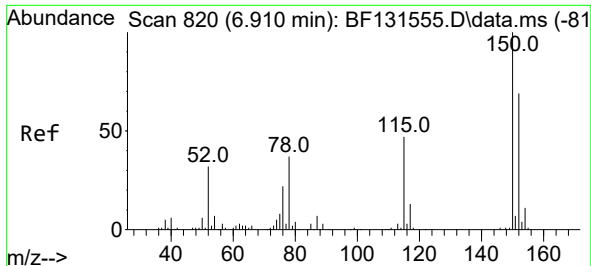
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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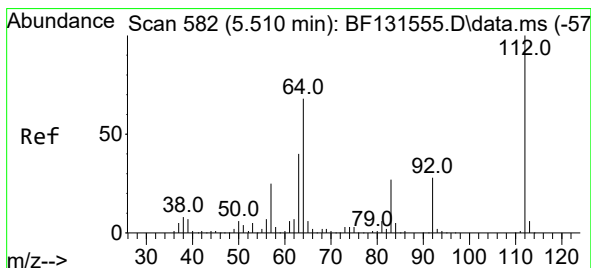
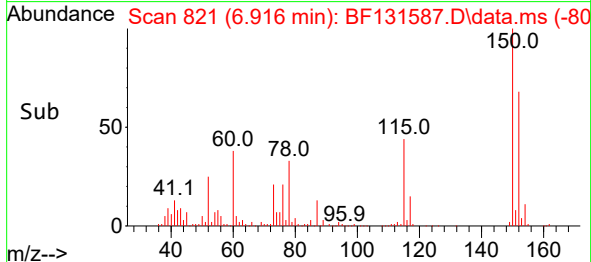
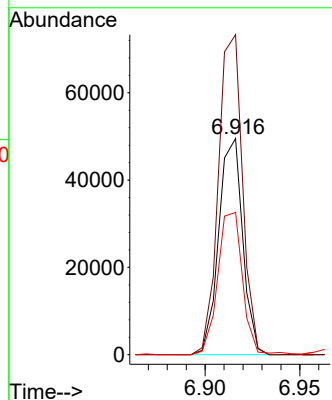
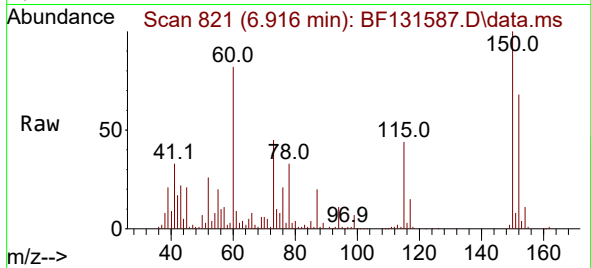




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

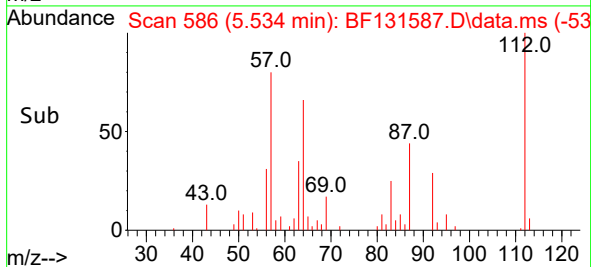
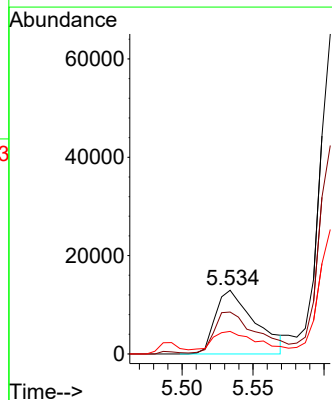
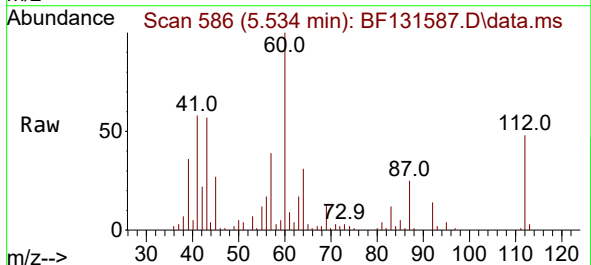
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

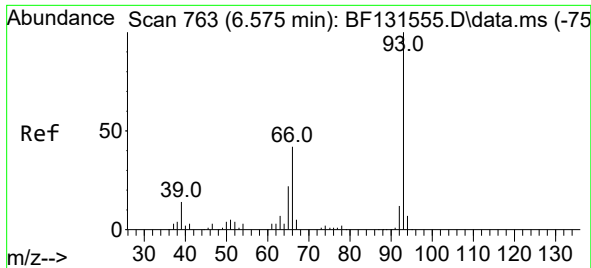
Tgt Ion:152 Resp: 43656
Ion Ratio Lower Upper
152 100
150 148.0 116.7 175.1
115 65.8 54.6 82.0



#5
2-Fluorophenol
Concen: 9.555 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:112 Resp: 25004
Ion Ratio Lower Upper
112 100
64 65.8 54.5 81.7
63 35.3 31.9 47.9





#6

Aniline

Concen: 2.700 ng

RT: 6.593 min Scan# 7

Delta R.T. 0.018 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE

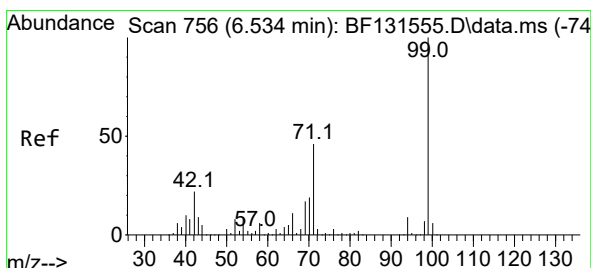
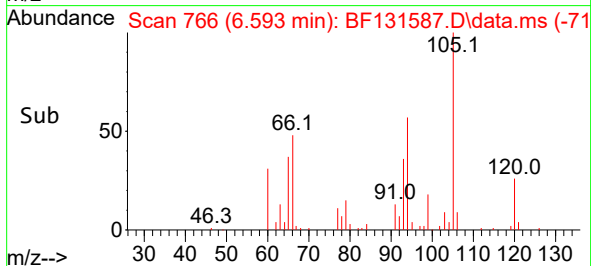
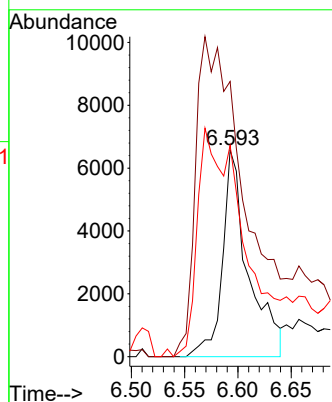
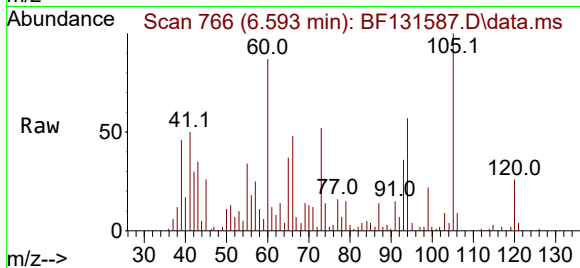
Tgt Ion: 93 Resp: 11074

Ion Ratio Lower Upper

93 100

66 133.1 34.6 51.8#

65 102.2 17.7 26.5#



#7

Phenol-d6

Concen: 6.614 ng

RT: 6.551 min Scan# 759

Delta R.T. 0.018 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

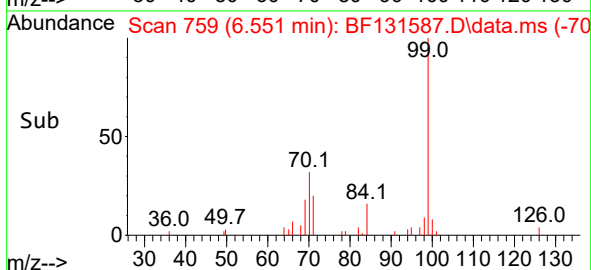
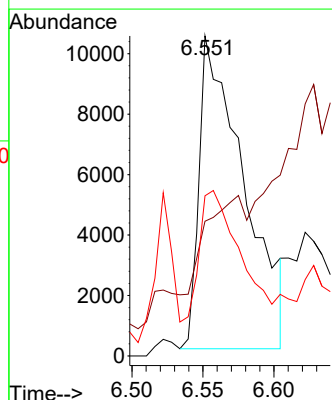
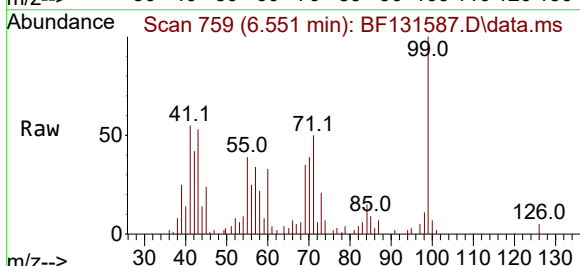
Tgt Ion: 99 Resp: 22679

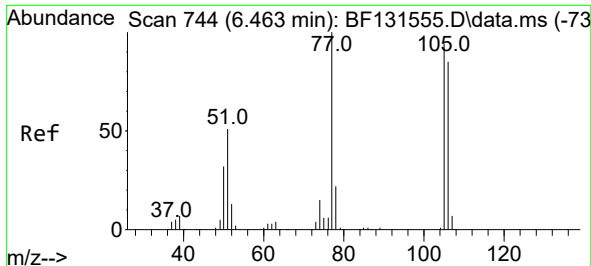
Ion Ratio Lower Upper

99 100

42 42.1 17.9 26.9#

71 50.0 37.2 55.8

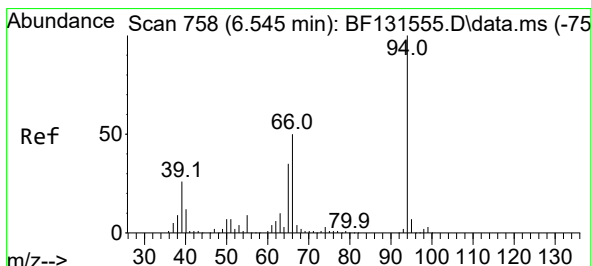
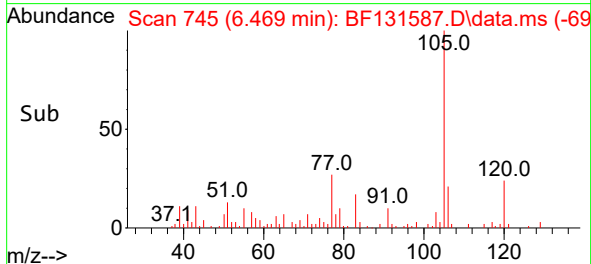
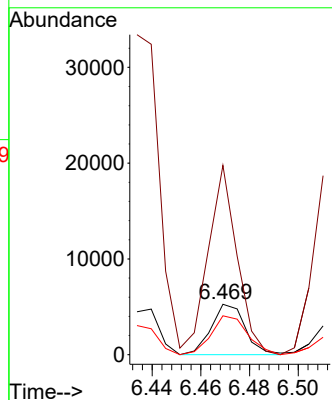
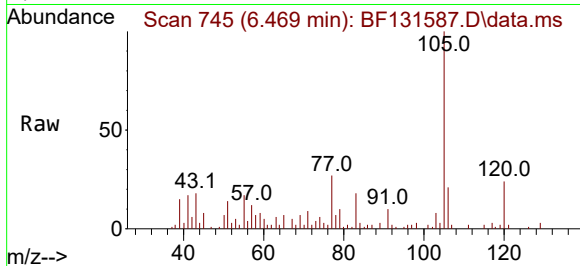




#9
Benzaldehyde
Concen: 2.185 ng
RT: 6.469 min Scan# 744
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

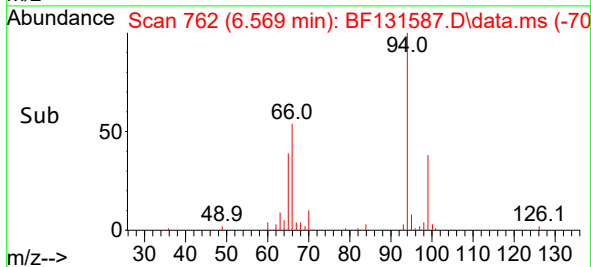
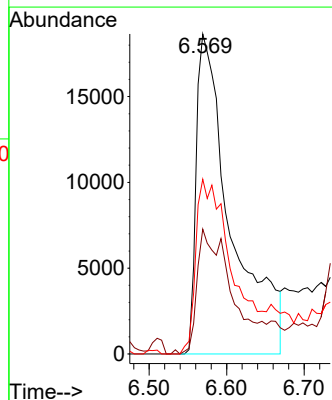
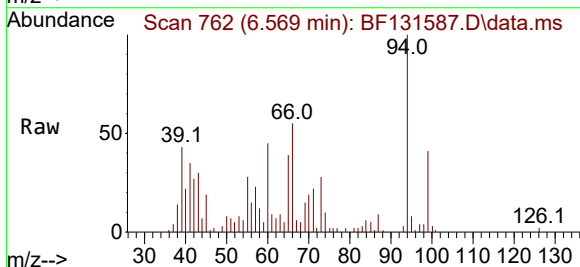
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

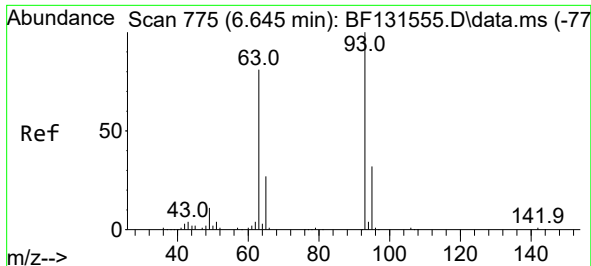
Tgt Ion: 77 Resp: 5132
Ion Ratio Lower Upper
77 100
105 375.2 73.8 113.8#
106 77.1 65.2 105.2



#10
Phenol
Concen: 15.181 ng
RT: 6.569 min Scan# 762
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion: 94 Resp: 58068
Ion Ratio Lower Upper
94 100
65 39.0 14.8 54.8
66 54.6 30.8 70.8

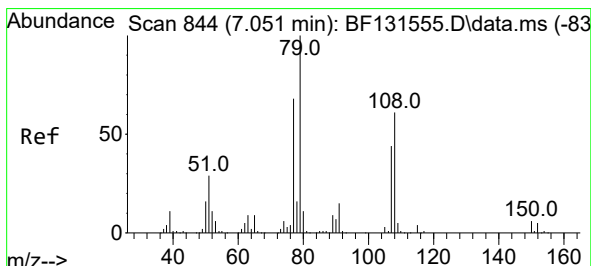
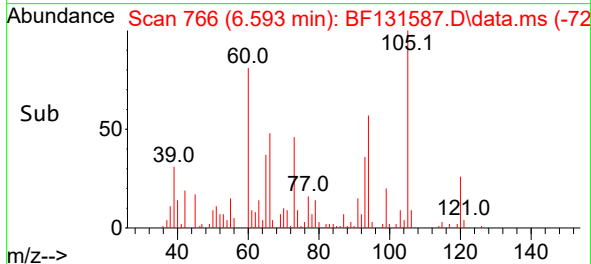
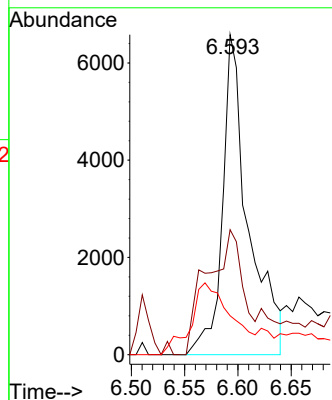
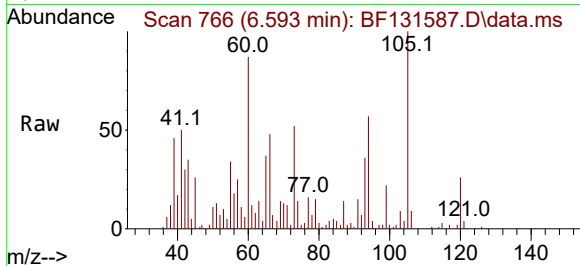




#11
bis(2-Chloroethyl)ether
Concen: 3.862 ng
RT: 6.593 min Scan# 775
Delta R.T. -0.053 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

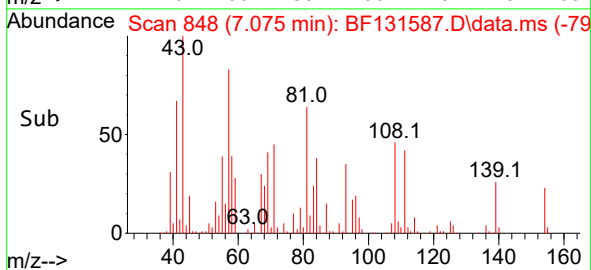
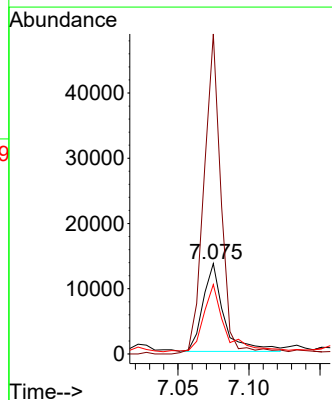
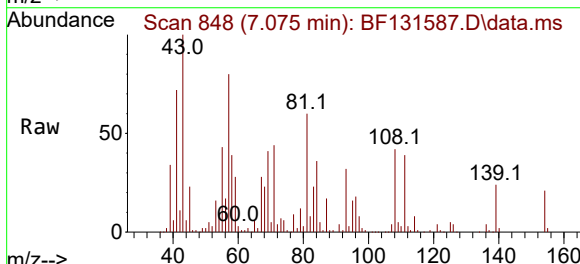
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

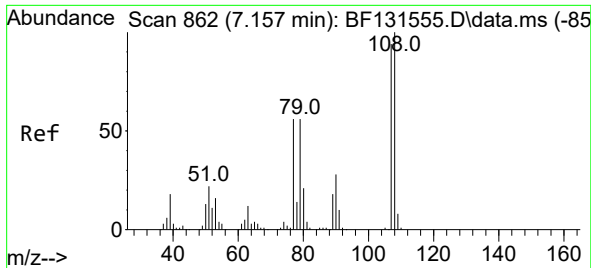
Tgt Ion: 93 Resp: 11074
Ion Ratio Lower Upper
93 100
63 39.1 60.4 100.4#
95 12.2 12.3 52.3#



#15
Benzyl Alcohol
Concen: 4.424 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.024 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion: 79 Resp: 13909
Ion Ratio Lower Upper
79 100
108 354.2 49.2 73.8#
77 76.9 54.5 81.7

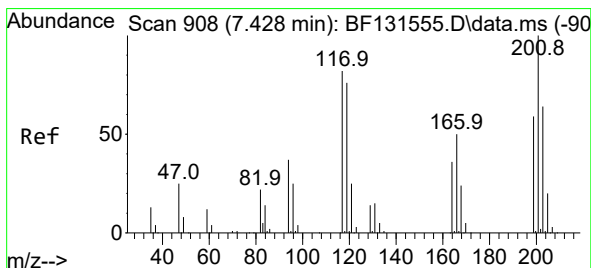
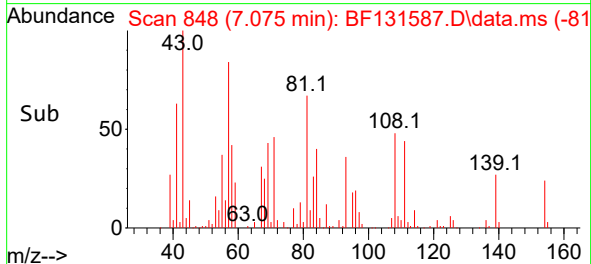
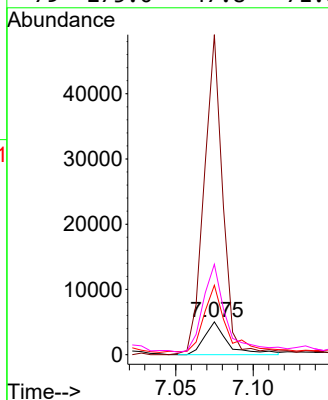
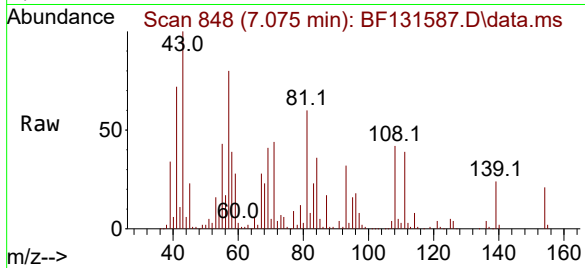




#17
2-Methylphenol
Concen: 2.107 ng
RT: 7.075 min Scan# 84
Delta R.T. -0.082 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

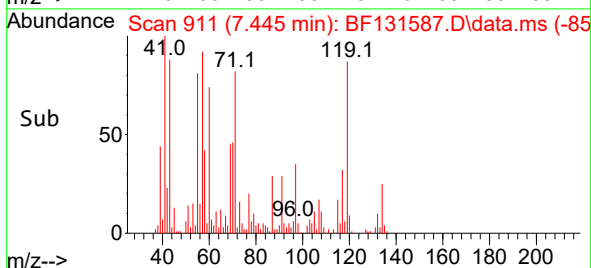
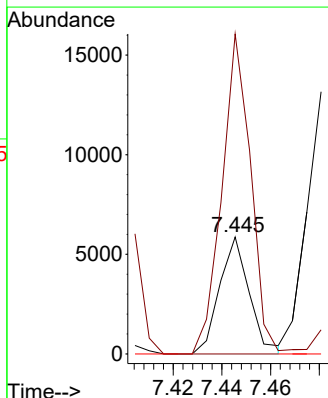
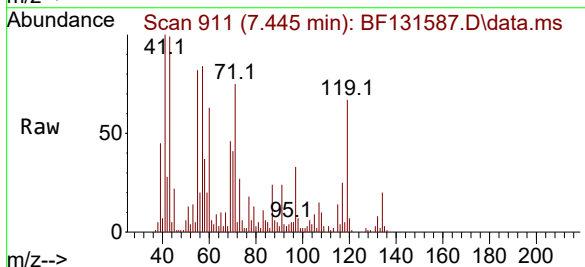
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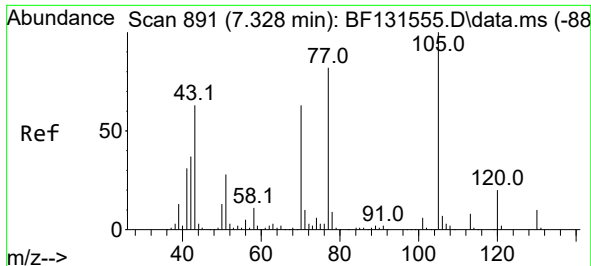
Tgt Ion:107 Resp: 5265
Ion Ratio Lower Upper
107 100
108 973.9 85.5 128.3#
77 211.4 48.2 72.4#
79 275.0 47.8 71.8#



#18
Hexachloroethane
Concen: 3.820 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.018 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:117 Resp: 4998
Ion Ratio Lower Upper
117 100
119 273.6 75.0 112.4#
201 0.0 98.0 147.0#





#19

n-Nitroso-di-n-propylamine

Concen: 6.361 ng

RT: 7.334 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF131587.D

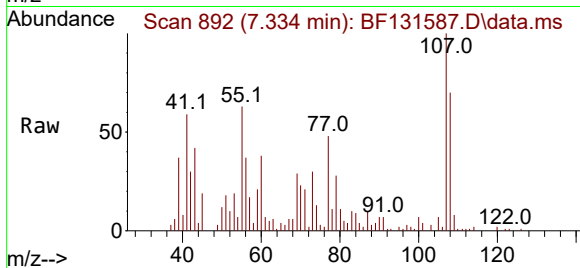
Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE



Tgt Ion: 70 Resp: 16355

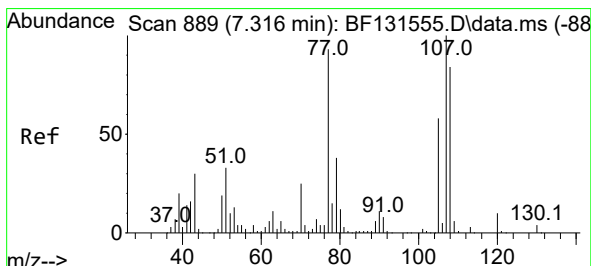
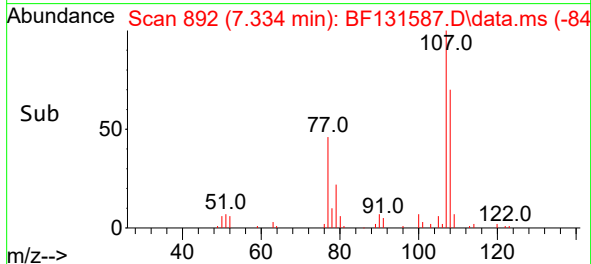
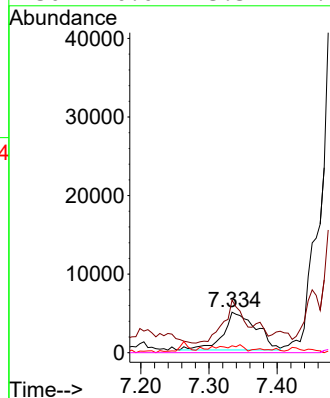
Ion Ratio Lower Upper

70 100

42 129.6 46.4 69.6#

101 16.9 7.2 10.8#

130 0.0 13.3 19.9#



#20

3+4-Methylphenols

Concen: 18.418 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.006 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Tgt Ion: 107 Resp: 62696

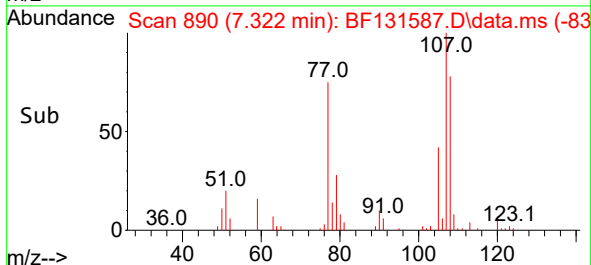
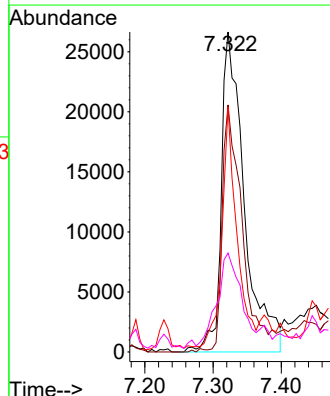
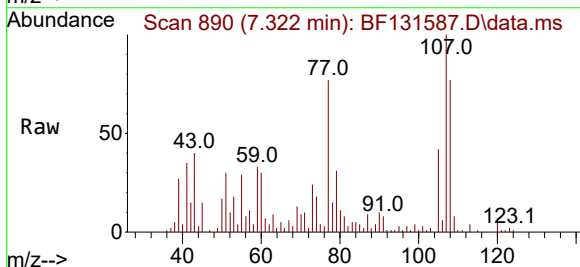
Ion Ratio Lower Upper

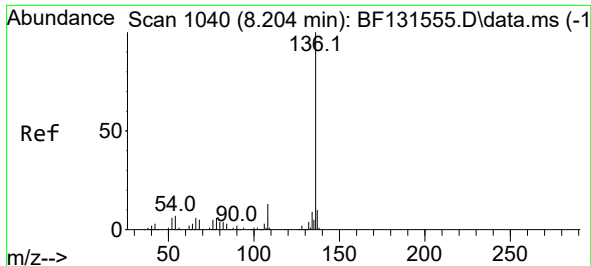
107 100

108 77.2 64.0 104.0

77 76.5 73.1 113.1

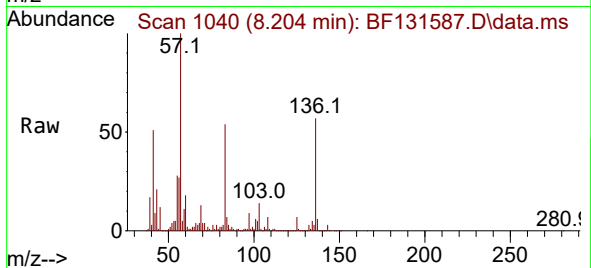
79 30.9 18.2 58.2



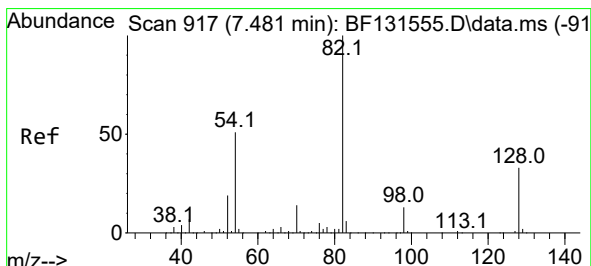
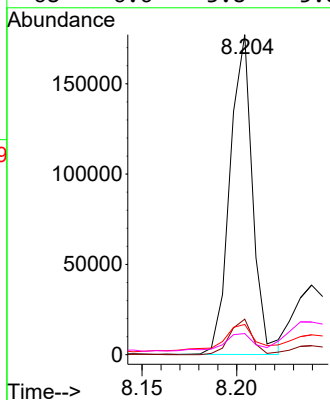
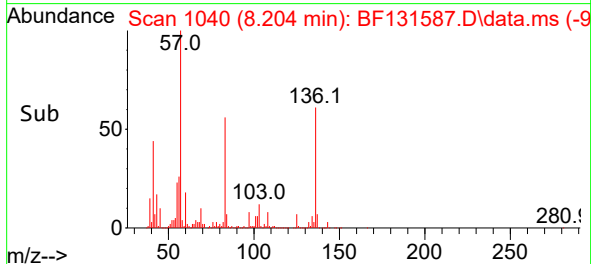


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

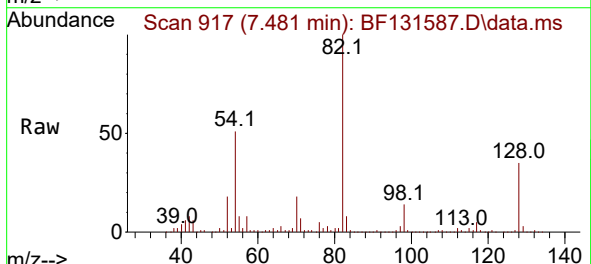
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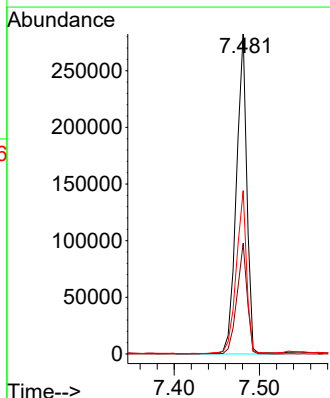
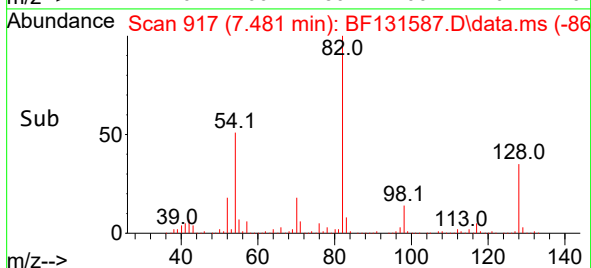
Tgt Ion:136 Resp: 146840
Ion Ratio Lower Upper
136 100
137 11.1 8.1 12.1
54 9.5 6.0 9.0#
68 6.6 3.8 5.8#

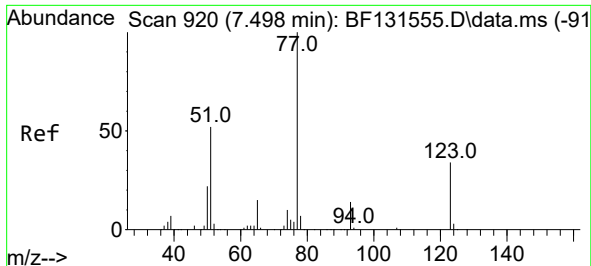


#23
Nitrobenzene-d5
Concen: 62.179 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24



Tgt Ion: 82 Resp: 241499
Ion Ratio Lower Upper
82 100
128 34.6 26.1 39.1
54 51.0 40.6 60.8

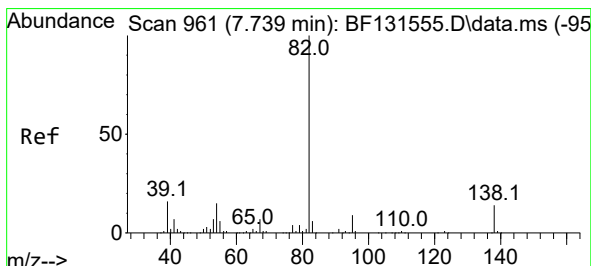
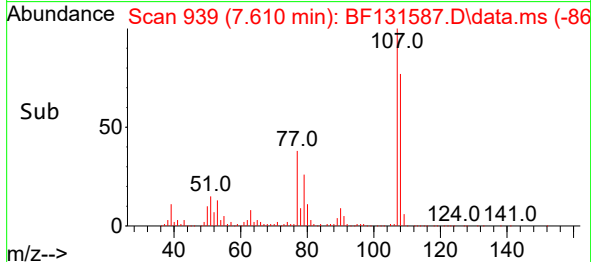
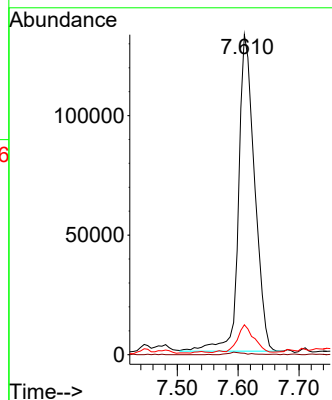
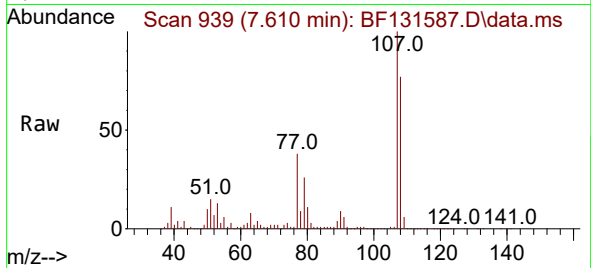




#24
Nitrobenzene
Concen: 61.951 ng
RT: 7.610 min Scan# 91
Delta R.T. 0.112 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

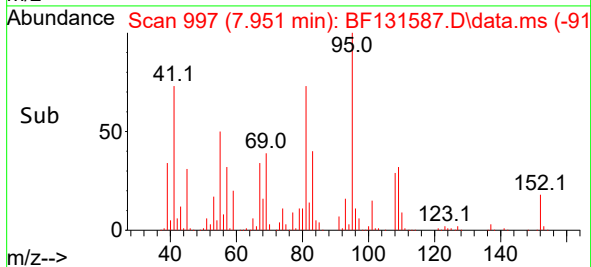
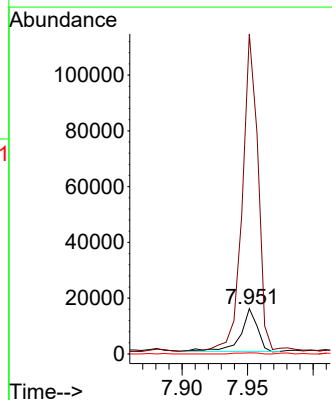
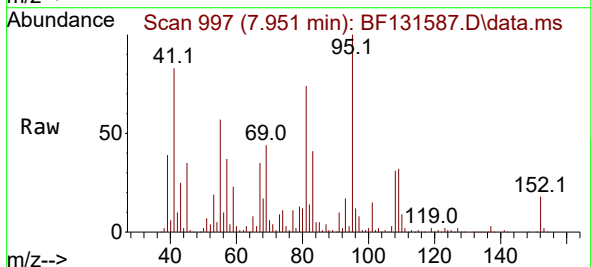
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

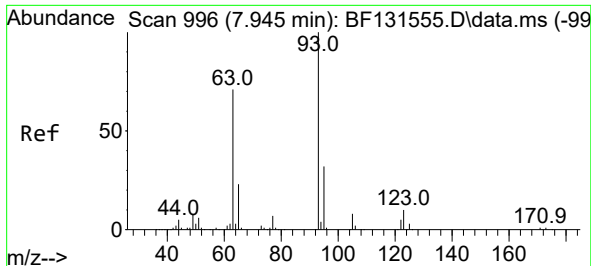
Tgt Ion: 77 Resp: 242681
Ion Ratio Lower Upper
77 100
123 0.4 27.1 40.7#
65 9.3 11.9 17.9#



#25
Isophorone
Concen: 2.196 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.212 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion: 82 Resp: 13739
Ion Ratio Lower Upper
82 100
95 707.8 6.9 10.3#
138 2.5 11.4 17.0#

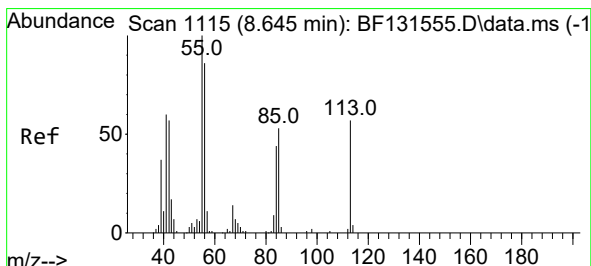
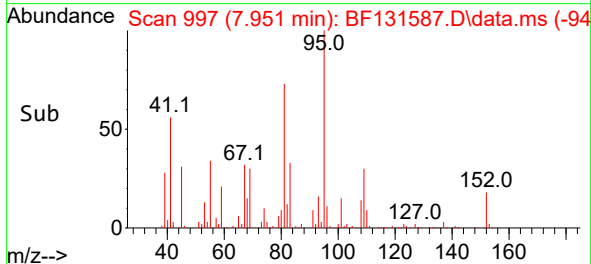
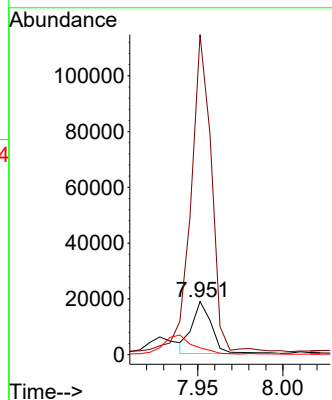
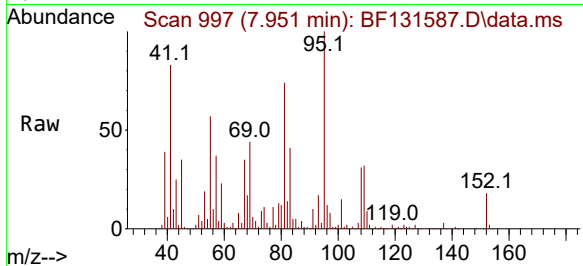




#28
bis(2-Chloroethoxy)methane
Concen: 4.566 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

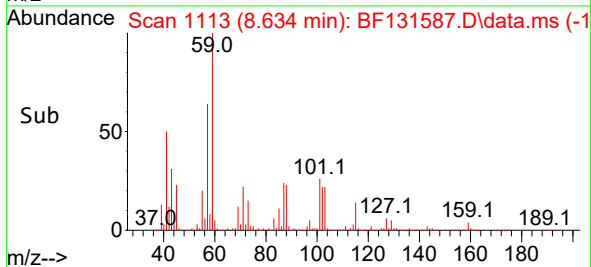
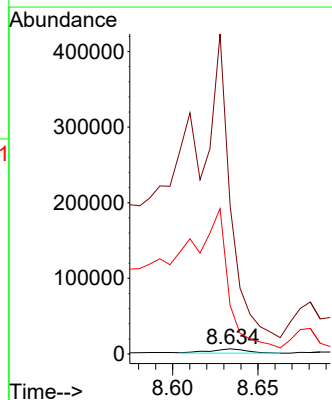
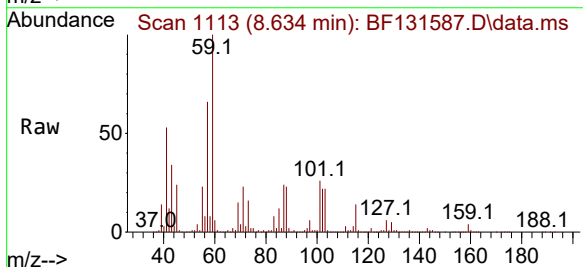
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

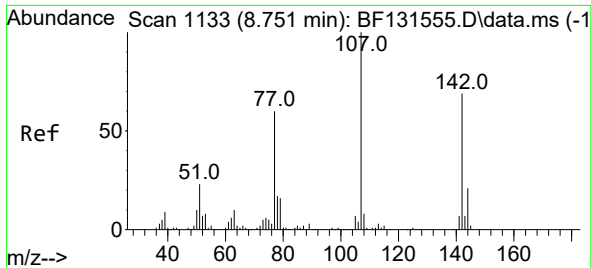
Tgt Ion: 93 Resp: 14776
Ion Ratio Lower Upper
93 100
95 601.6 25.8 38.6#
123 12.9 8.1 12.1#



#35
Caprolactam
Concen: 12.814 ng
RT: 8.634 min Scan# 1113
Delta R.T. -0.012 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion: 113 Resp: 8392
Ion Ratio Lower Upper
113 100
55 2899.9 155.8 195.8#
56 948.2 131.7 171.7#

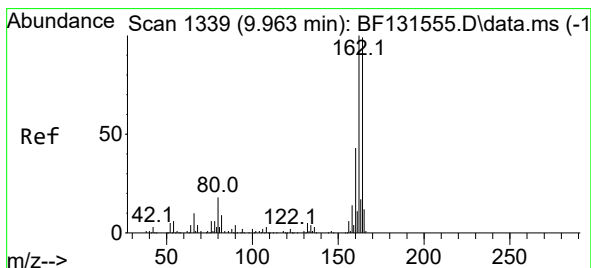
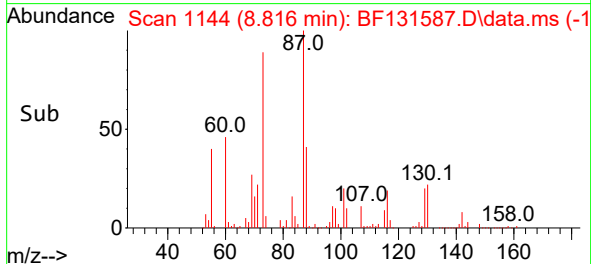
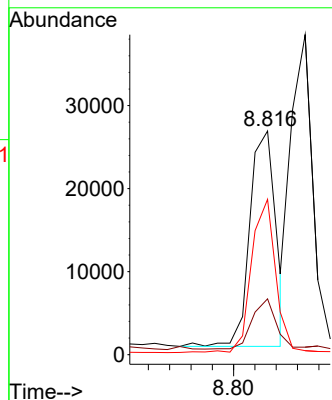
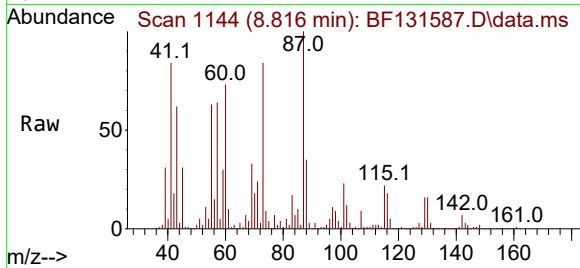




#36
4-Chloro-3-methylphenol
Concen: 7.789 ng
RT: 8.816 min Scan# 1133
Delta R.T. 0.065 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

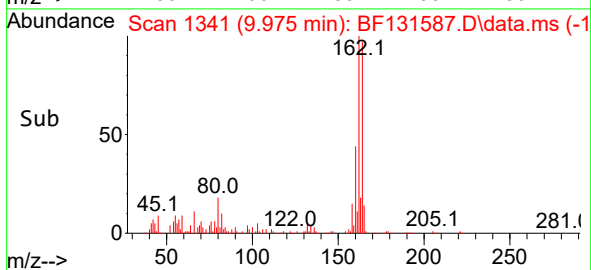
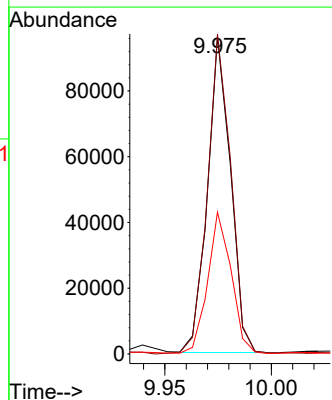
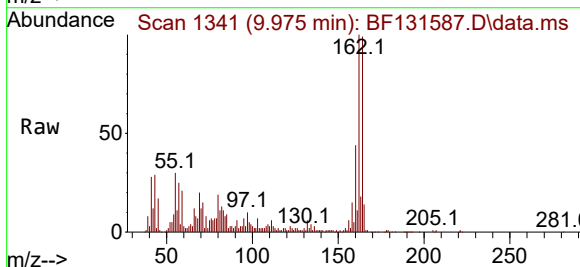
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

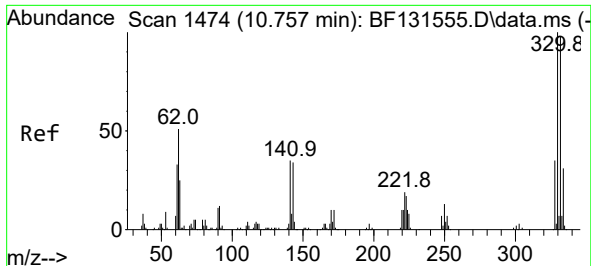
Tgt Ion:107 Resp: 22144
Ion Ratio Lower Upper
107 100
144 24.9 17.0 25.4
142 69.5 54.8 82.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:164 Resp: 72054
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.6
160 44.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 98.566 ng

RT: 10.769 min Scan# 1474

Delta R.T. 0.012 min

Lab File: BF131587.D

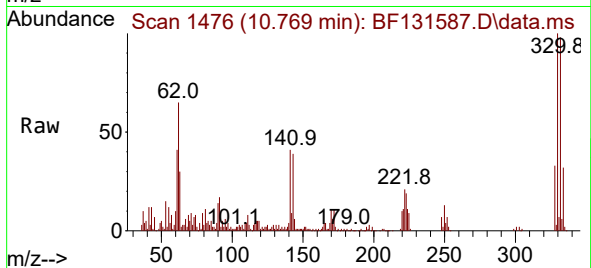
Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE



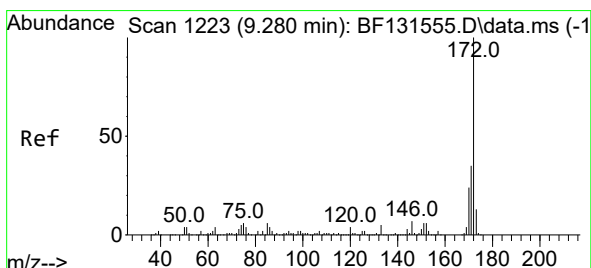
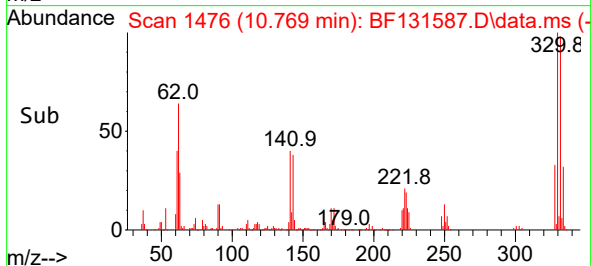
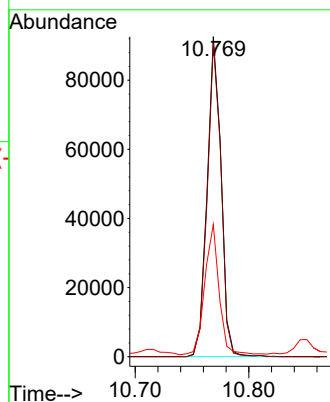
Tgt Ion:330 Resp: 78906

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

141 41.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 67.723 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.024 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

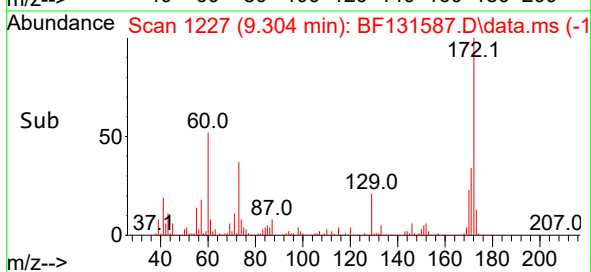
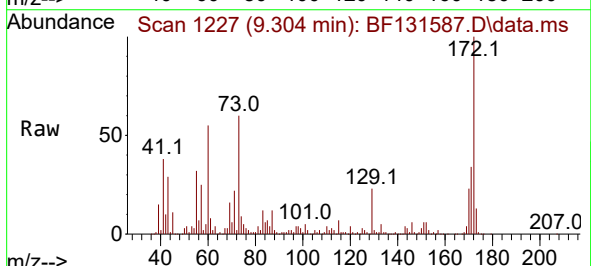
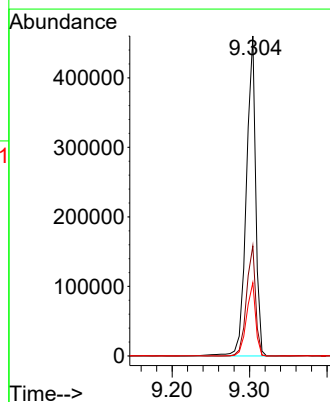
Tgt Ion:172 Resp: 387008

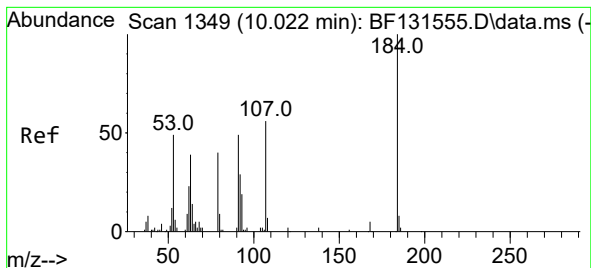
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 22.9 19.3 28.9

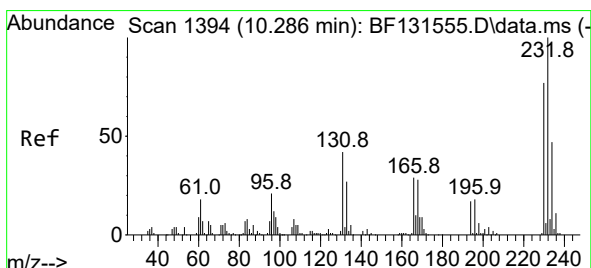
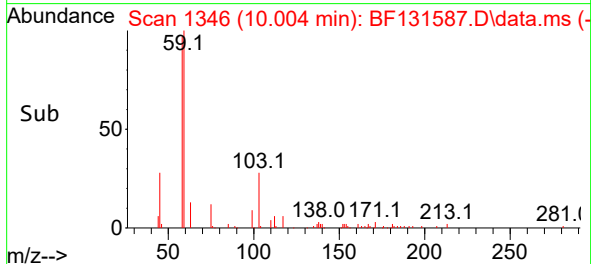
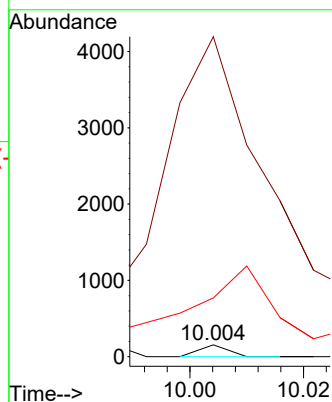
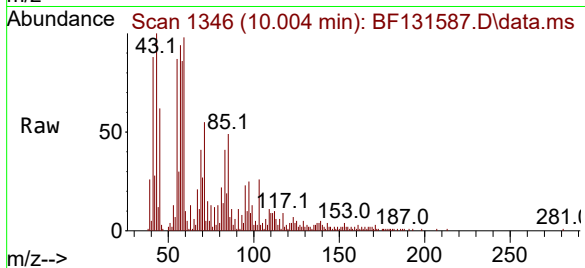




#54
2,4-Dinitrophenol
Concen: 4.176 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

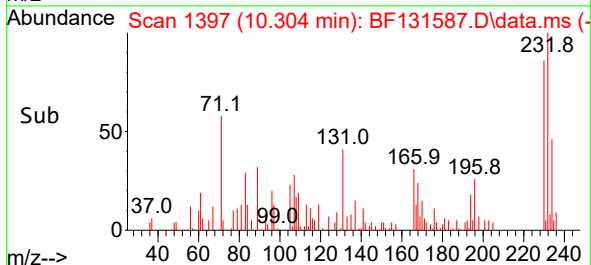
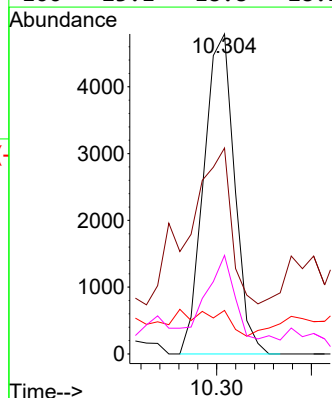
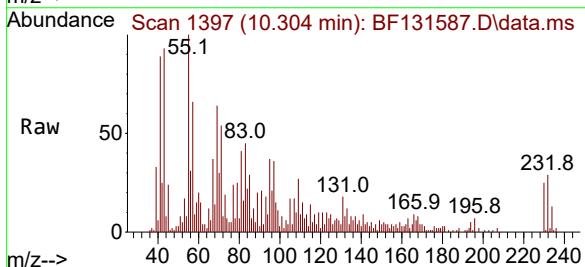
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

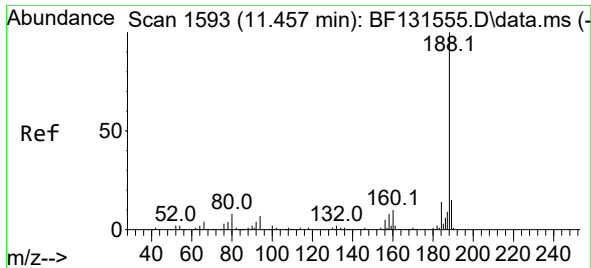
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 2689.1 60.7 91.1#
154 493.6 59.0 88.6#



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.599 ng
RT: 10.304 min Scan# 1397
Delta R.T. 0.018 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:232 Resp: 5407
Ion Ratio Lower Upper
232 100
131 85.7 31.0 46.6#
130 0.0 1.8 2.8#
166 23.1 18.8 28.2

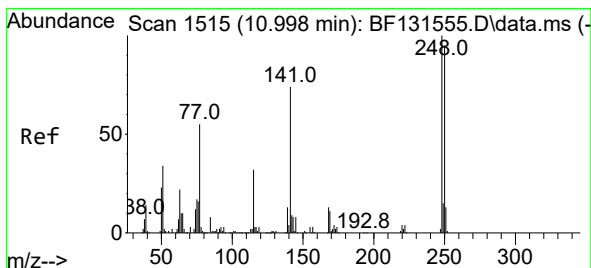
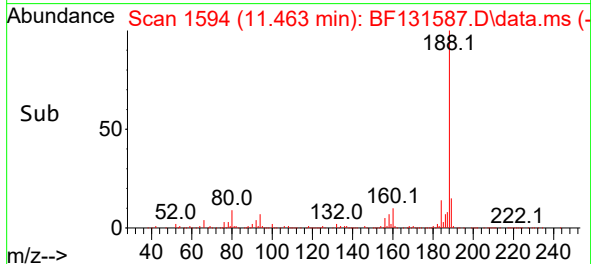
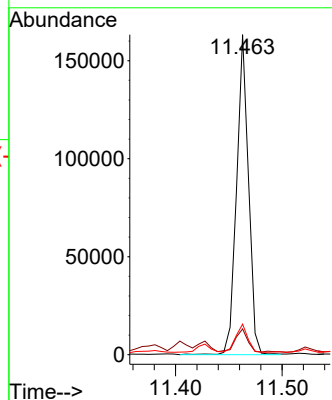
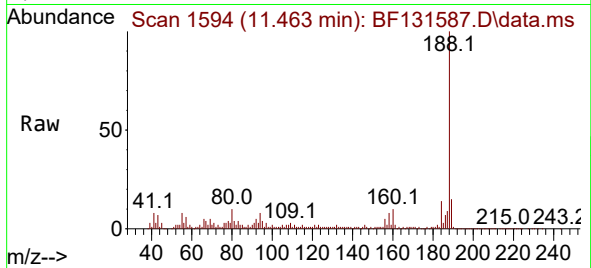




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

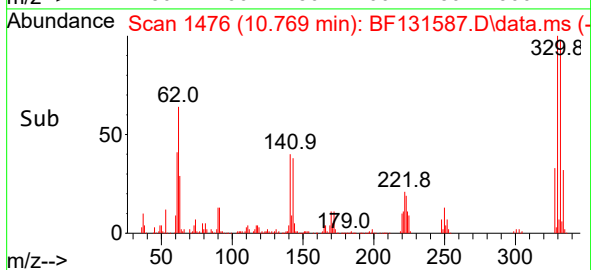
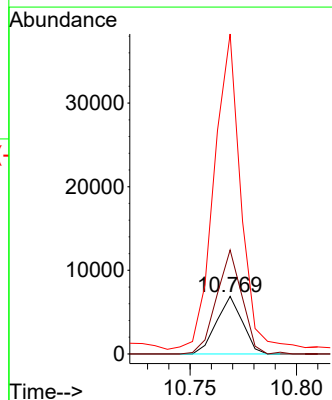
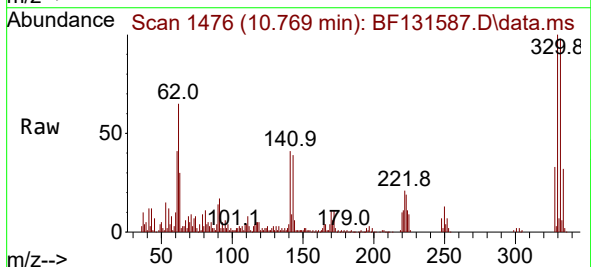
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

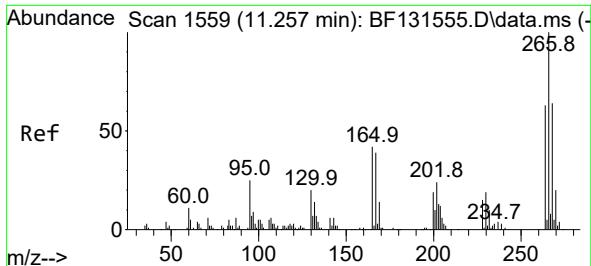
Tgt Ion:188 Resp: 127447
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 9.5 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.543 ng
RT: 10.769 min Scan# 1476
Delta R.T. -0.229 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:248 Resp: 5809
Ion Ratio Lower Upper
248 100
250 180.6 76.2 114.2#
141 555.8 59.5 89.3#

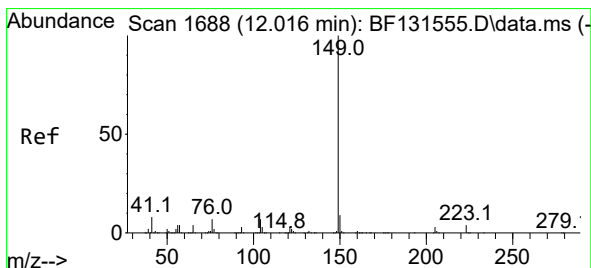
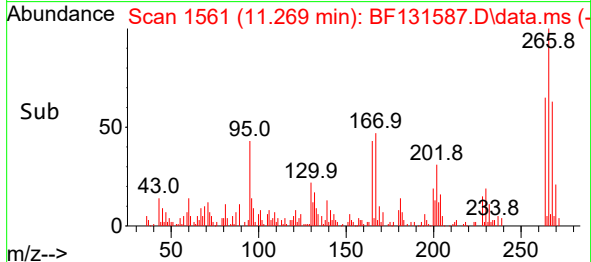
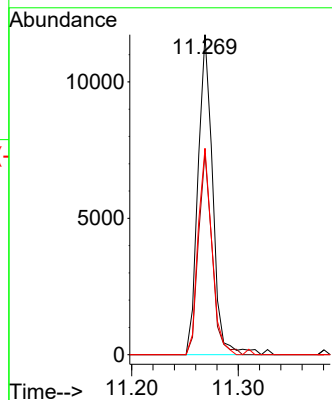
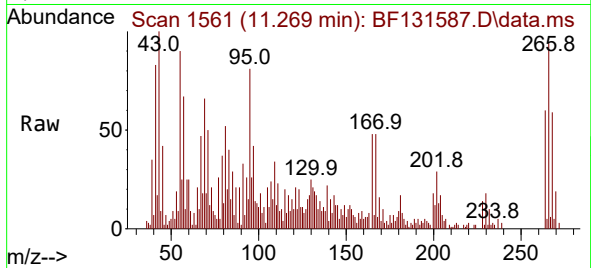




#70
 Pentachlorophenol
 Concen: 12.396 ng
 RT: 11.269 min Scan# 1561
 Delta R.T. 0.012 min
 Lab File: BF131587.D
 Acq: 10 Dec 2022 15:24

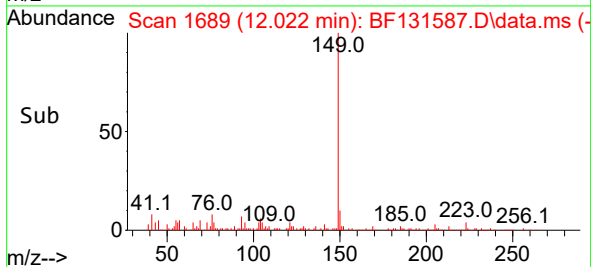
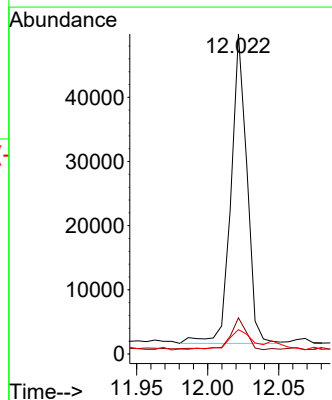
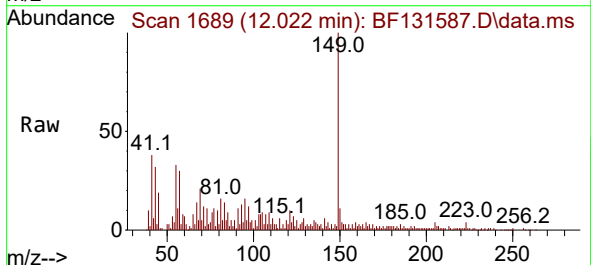
Instrument :
 BNA_F
 ClientSampleId :
 FMC-TOTE-1207RE

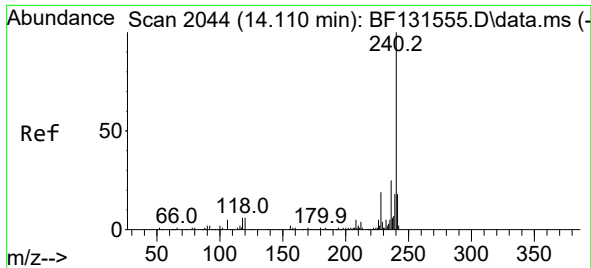
Tgt Ion:266 Resp: 11317
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 64.5 50.7 76.1



#74
 Di-n-butylphthalate
 Concen: 5.465 ng
 RT: 12.022 min Scan# 1689
 Delta R.T. 0.006 min
 Lab File: BF131587.D
 Acq: 10 Dec 2022 15:24

Tgt Ion:149 Resp: 37824
 Ion Ratio Lower Upper
 149 100
 150 11.3 7.2 10.8#
 104 7.6 5.2 7.8

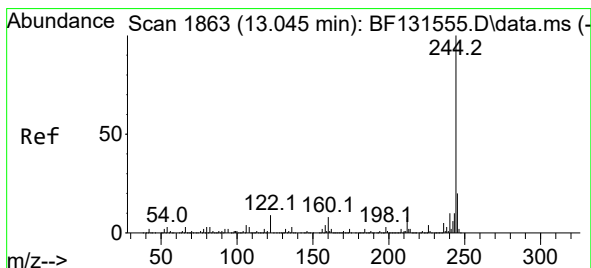
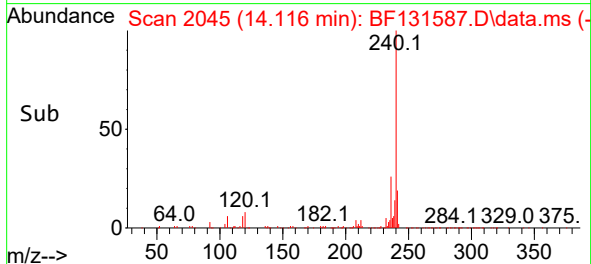
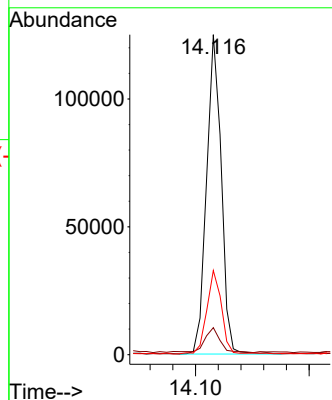
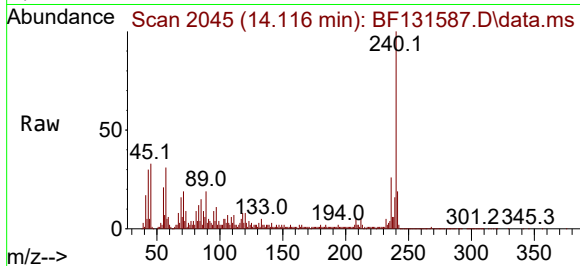




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2044
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

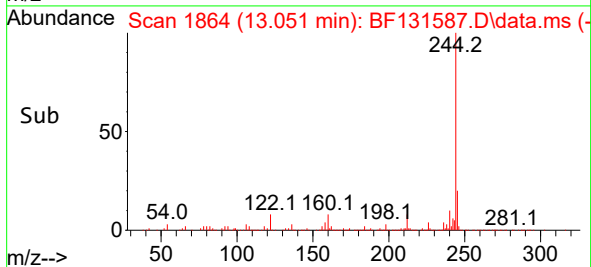
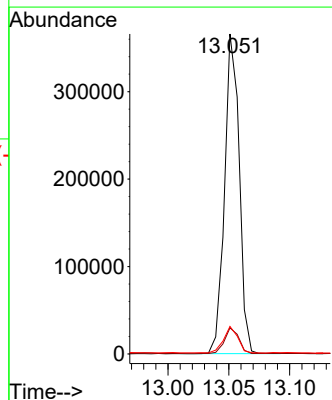
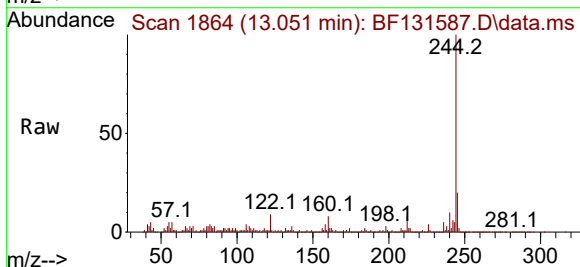
Instrument :
BNA_F
ClientSampleId :
FMC-TOTE-1207RE

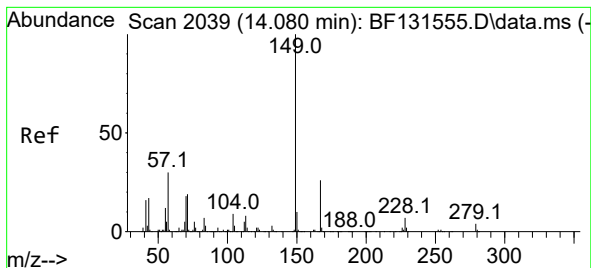
Tgt Ion:240 Resp: 111866
Ion Ratio Lower Upper
240 100
120 8.4 4.6 7.0#
236 26.3 20.2 30.2



#79
Terphenyl-d14
Concen: 37.533 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF131587.D
Acq: 10 Dec 2022 15:24

Tgt Ion:244 Resp: 306155
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 8.6 7.1 10.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.545 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.012 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE

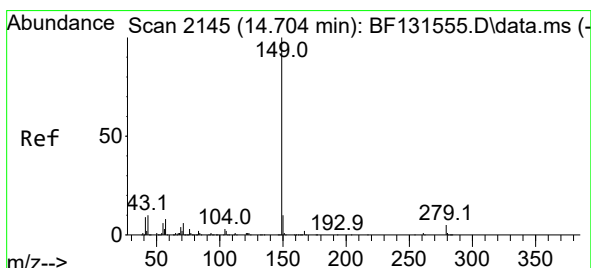
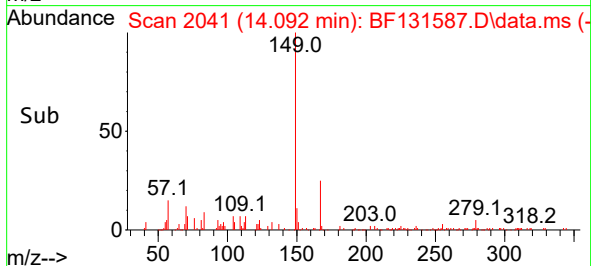
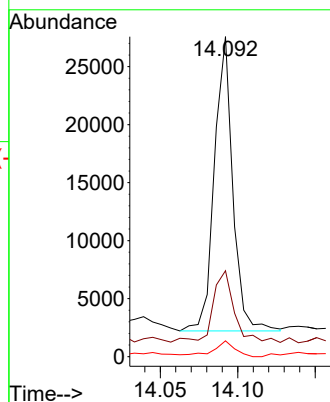
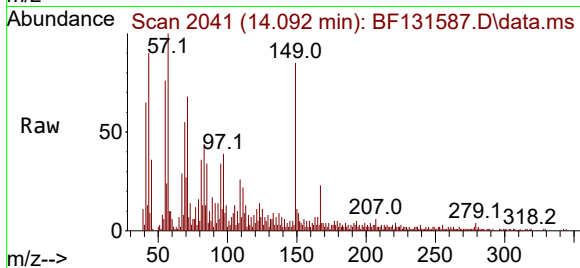
Tgt Ion:149 Resp: 20947

Ion Ratio Lower Upper

149 100

167 26.8 20.8 31.2

279 4.9 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 5.300 ng

RT: 14.710 min Scan# 2146

Delta R.T. 0.006 min

Lab File: BF131587.D

Acq: 10 Dec 2022 15:24

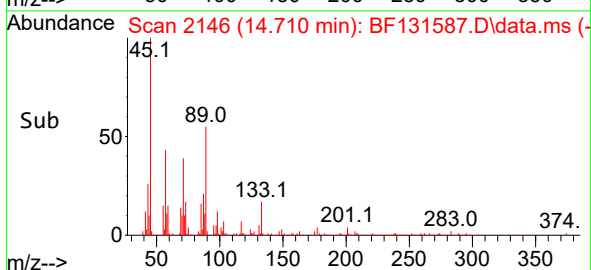
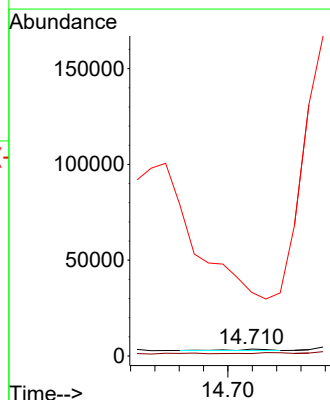
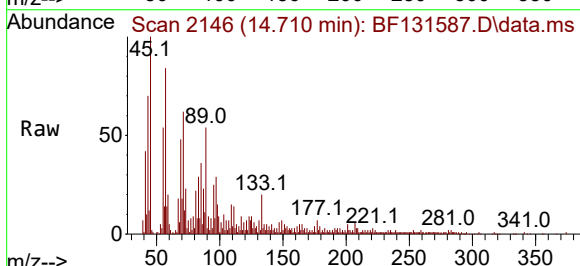
Tgt Ion:149 Resp: 647

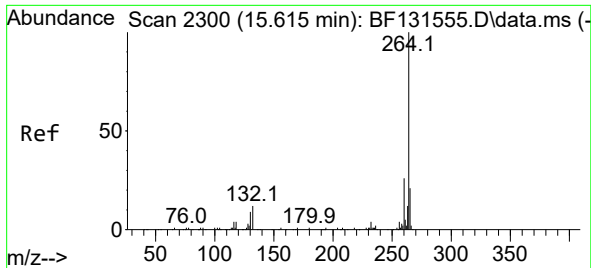
Ion Ratio Lower Upper

149 100

167 73.1 1.2 1.8#

43 0.0 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.639 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF131587.D

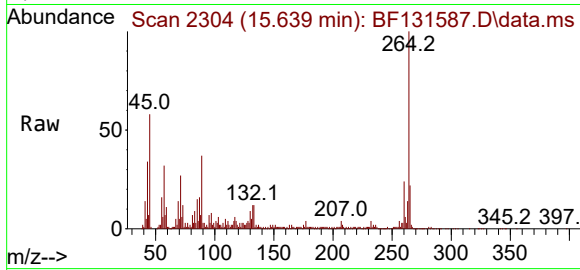
Acq: 10 Dec 2022 15:24

Instrument :

BNA_F

ClientSampleId :

FMC-TOTE-1207RE



Tgt Ion:264 Resp: 124163

Ion Ratio Lower Upper

264 100

260 23.8 20.6 30.8

265 22.0 16.8 25.2

