

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131755.D
 Acq On : 21 Dec 2022 20:27
 Operator : CG\JU
 Sample : N6157-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221421-COMPOSITE-D

Quant Time: Dec 22 05:50:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

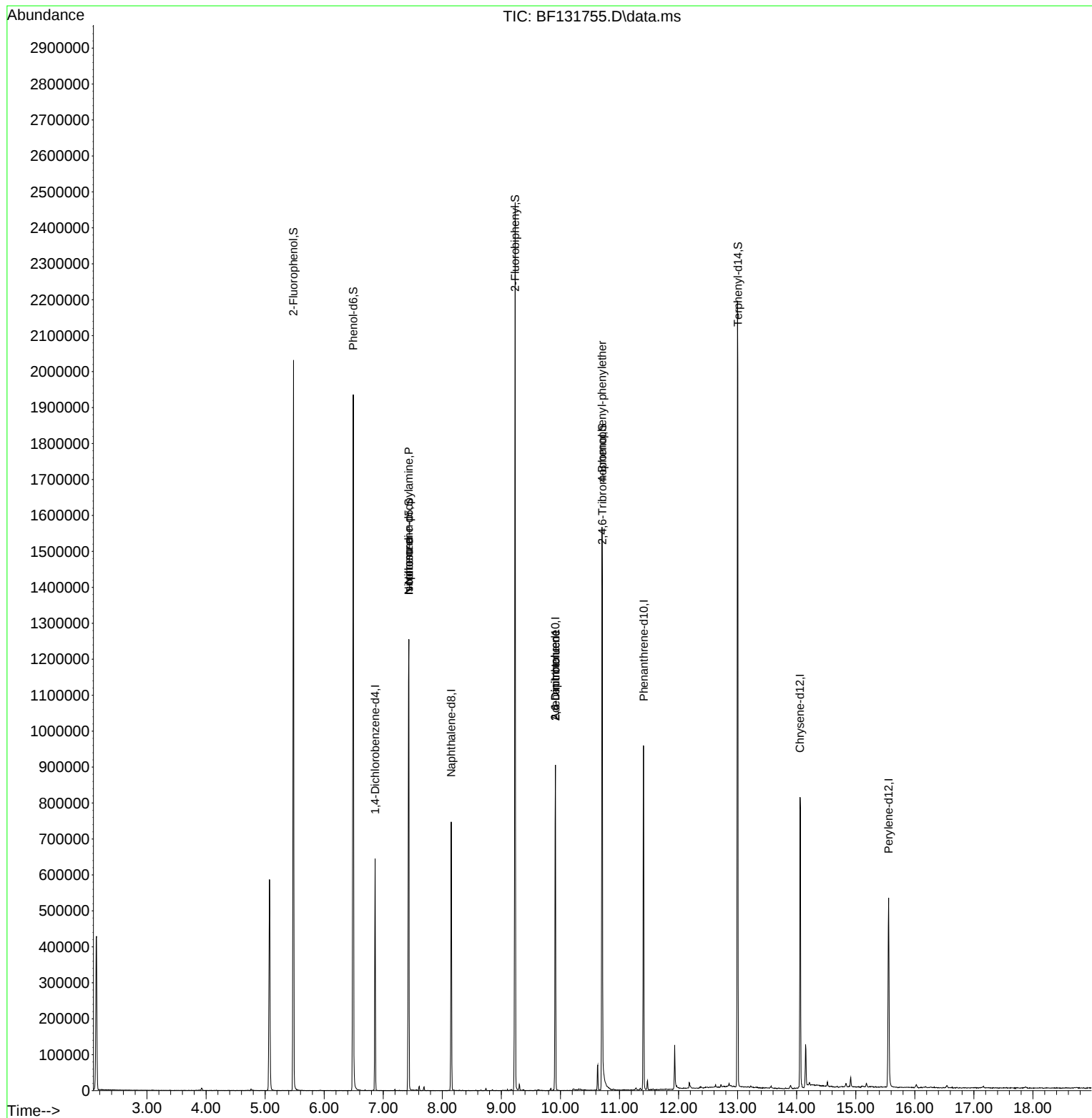
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82645	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	296061	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	177245	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	360300	20.000	ng	0.00
76) Chrysene-d12	14.057	240	281677	20.000	ng	0.00
86) Perylene-d12	15.556	264	248165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	487818	99.393	ng	0.00
7) Phenol-d6	6.492	99	636581	96.364	ng	-0.01
23) Nitrobenzene-d5	7.433	82	446822	61.269	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	191172	98.542	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	684908	54.130	ng	0.00
79) Terphenyl-d14	13.004	244	775025	42.882	ng	0.00
Target Compounds						
9) Benzaldehyde	6.416	77	76	Below Cal	Qvalue	# 48
19) n-Nitroso-di-n-propyla...	7.433	70	62554	13.130	ng	# 78
25) Isophorone	7.433	82	444893	35.922	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22107	7.709	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22107	5.737	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	13120	3.083	ng	# 1

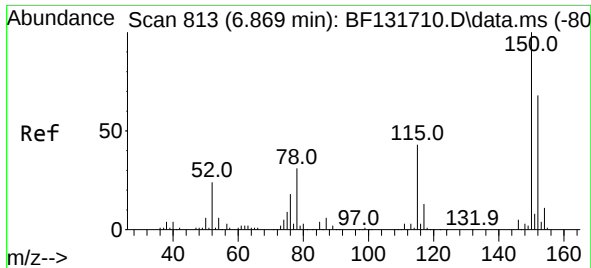
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131755.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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20221421-COMPOSITE-D

Quant Time: Dec 22 05:50:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

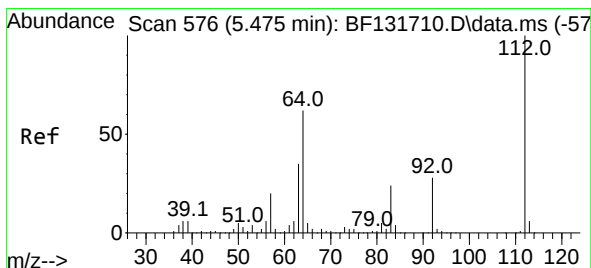
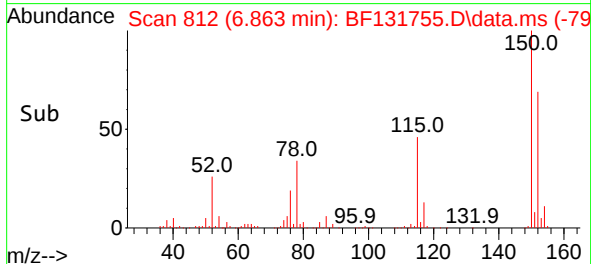
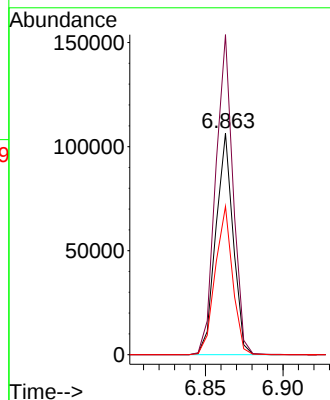
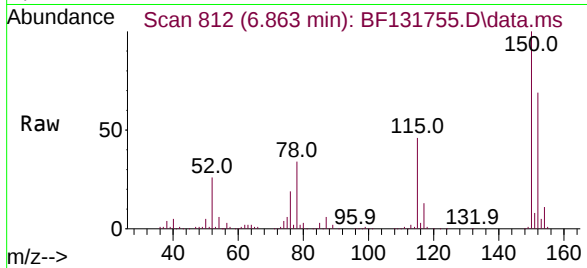




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

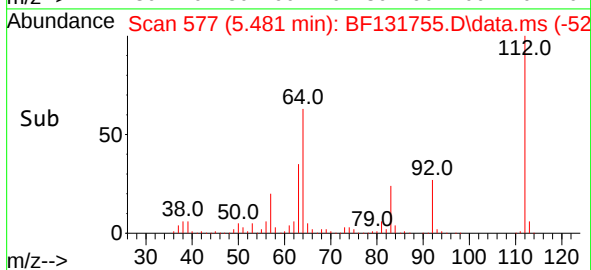
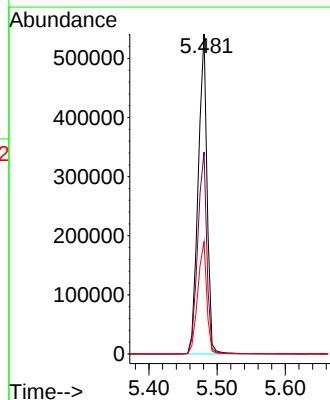
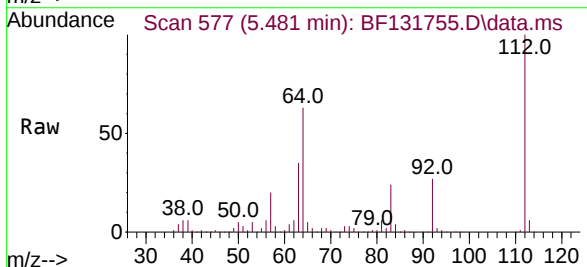
Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

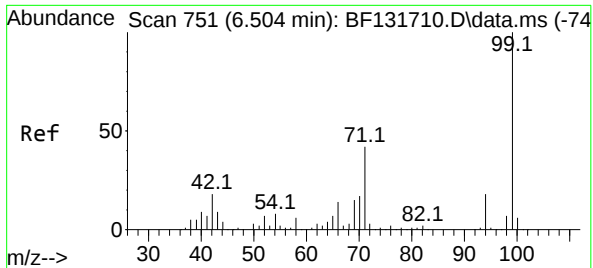
Tgt Ion:152 Resp: 82645
Ion Ratio Lower Upper
152 100
150 144.4 117.4 176.0
115 67.0 50.2 75.4



#5
2-Fluorophenol
Concen: 99.393 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion:112 Resp: 487818
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 35.1 28.2 42.2

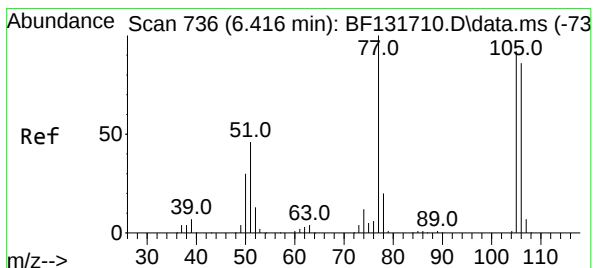
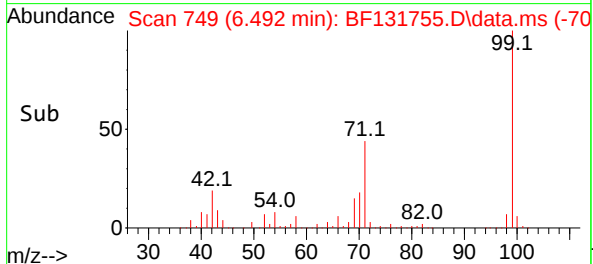
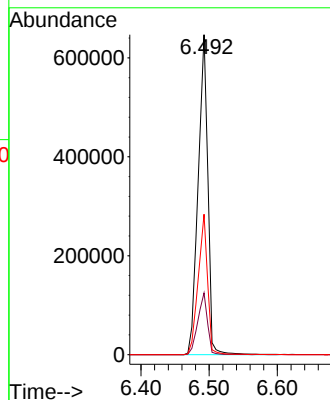
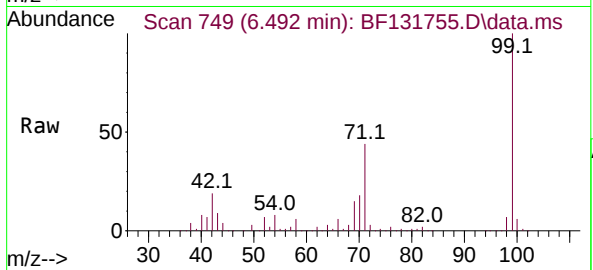




#7
Phenol-d6
Concen: 96.364 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

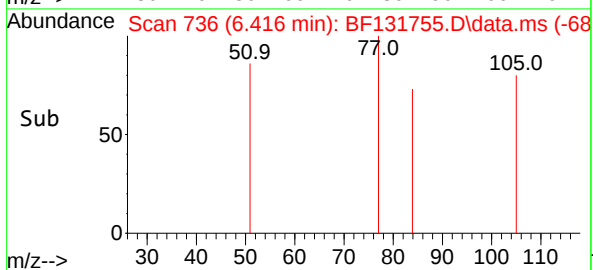
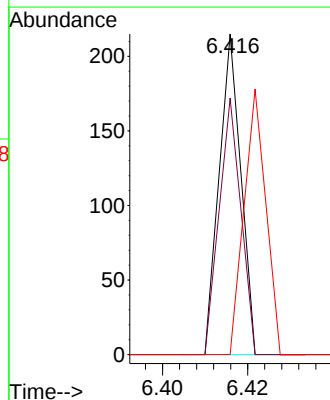
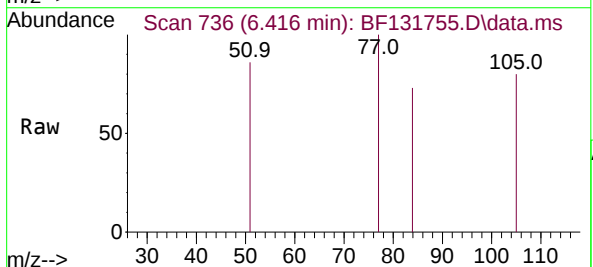
Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

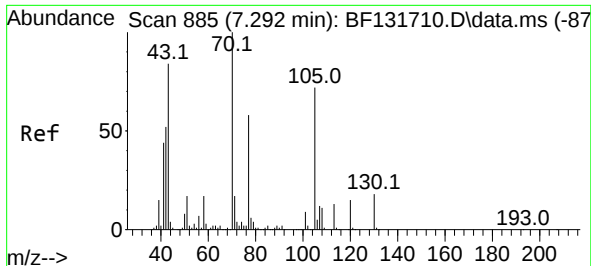
Tgt Ion: 99 Resp: 636581
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 43.9 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.416 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion: 77 Resp: 76
Ion Ratio Lower Upper
77 100
105 80.0 72.4 112.4
106 0.0 66.5 106.5#

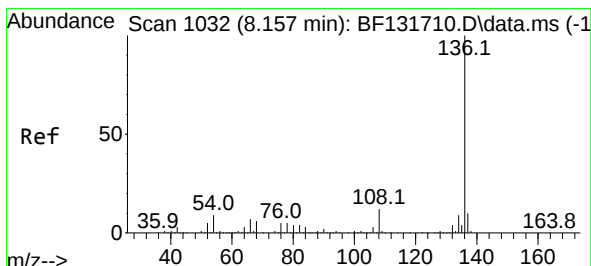
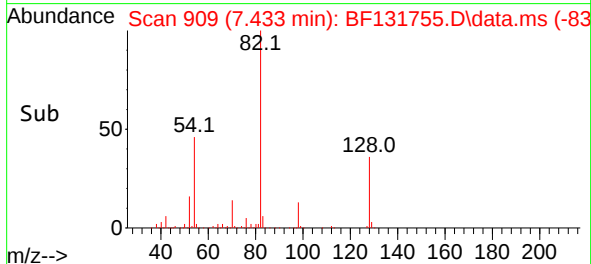
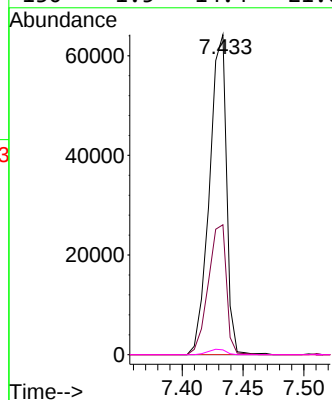
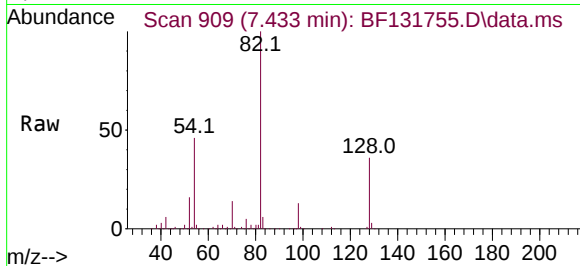




#19
n-Nitroso-di-n-propylamine
Concen: 13.130 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

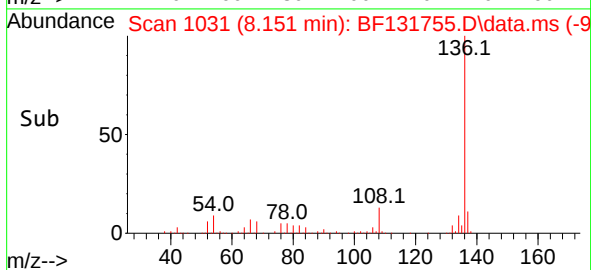
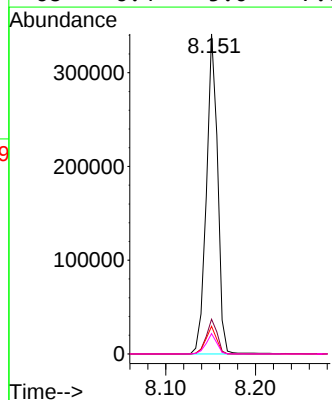
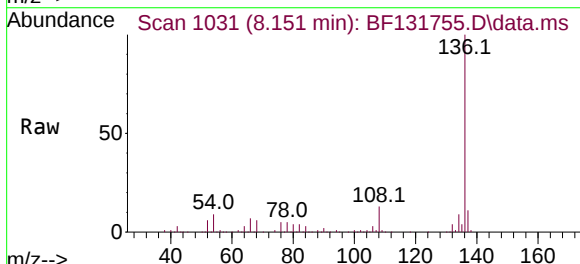
Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

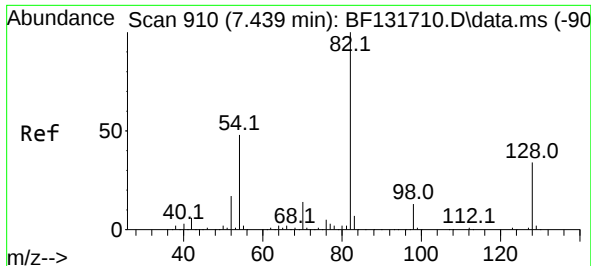
Tgt Ion: 70 Resp: 62554
Ion Ratio Lower Upper
70 100
42 40.6 41.5 62.3#
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion: 136 Resp: 296061
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.6 7.2 10.8
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.269 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

Instrument :

BNA_F

ClientSampleId :

20221421-COMPOSITE-D

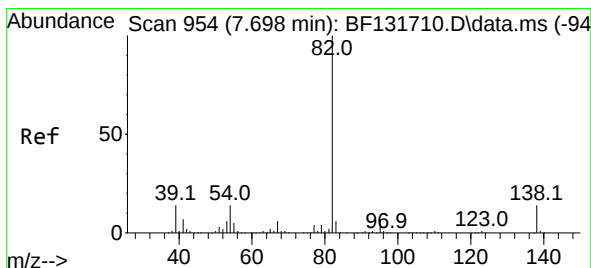
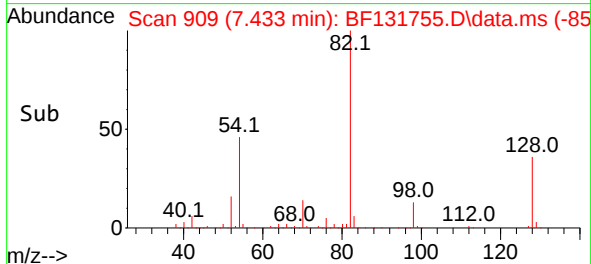
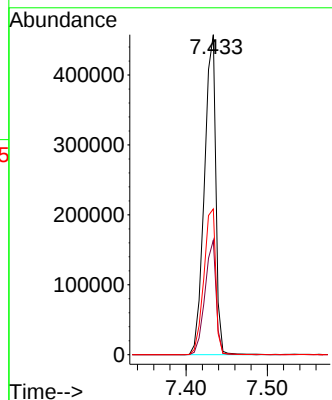
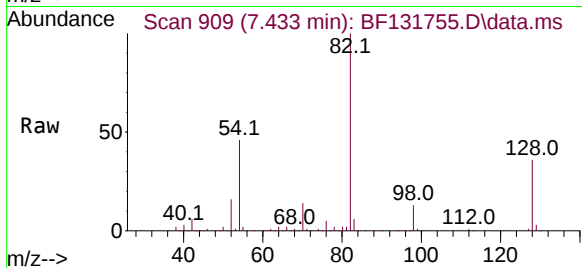
Tgt Ion: 82 Resp: 446822

Ion Ratio Lower Upper

82 100

128 35.8 27.3 40.9

54 45.5 38.2 57.2



#25

Isophorone

Concen: 35.922 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

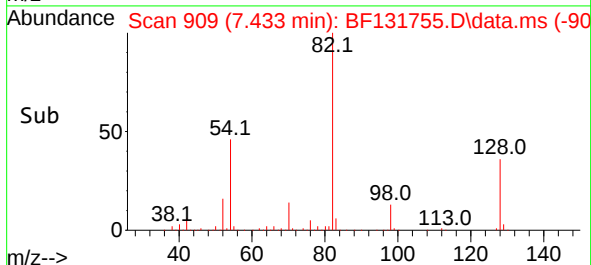
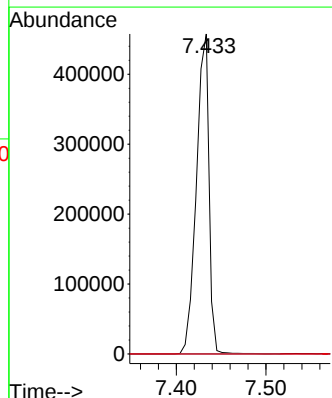
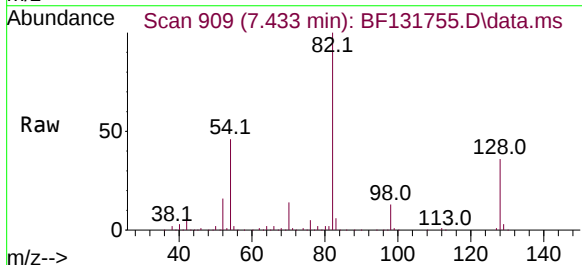
Tgt Ion: 82 Resp: 444893

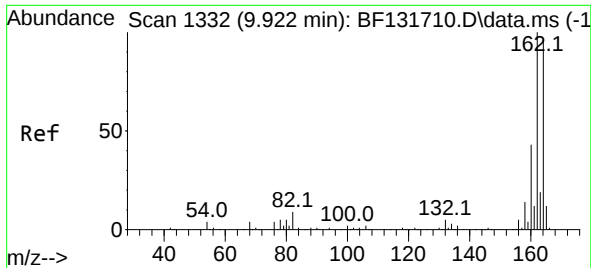
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

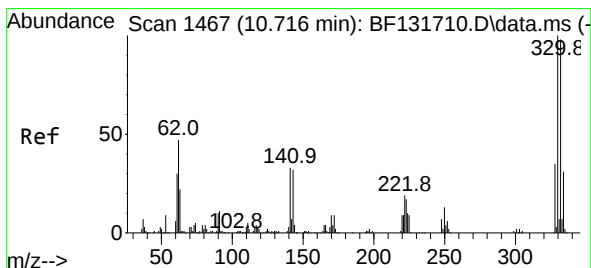
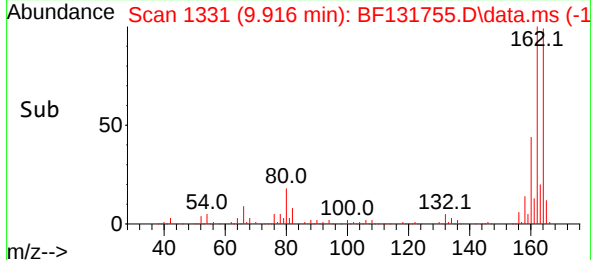
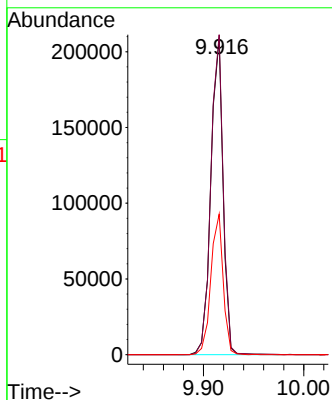
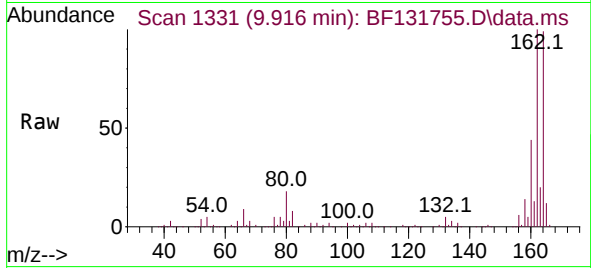




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

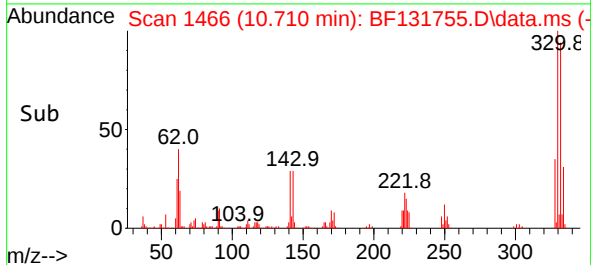
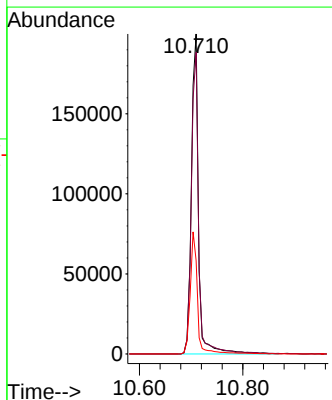
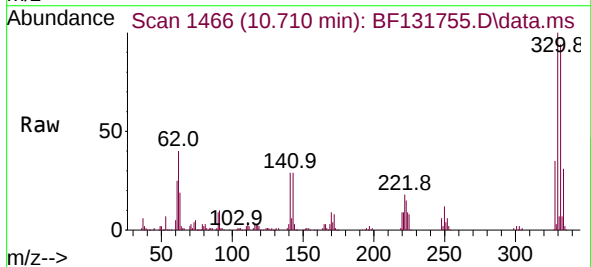
Instrument :
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20221421-COMPOSITE-D

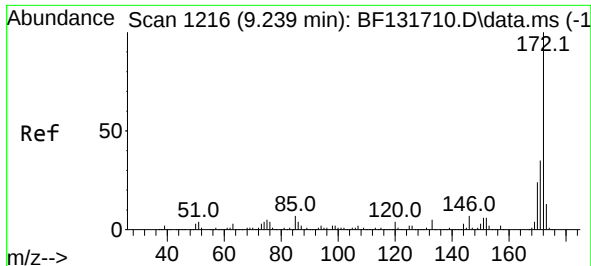
Tgt Ion:164 Resp: 177245
Ion Ratio Lower Upper
164 100
162 101.3 83.7 125.5
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 98.542 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion:330 Resp: 191172
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.9 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 54.130 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

Instrument :

BNA_F

ClientSampleId :

20221421-COMPOSITE-D

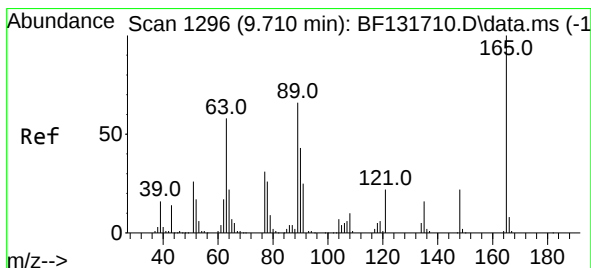
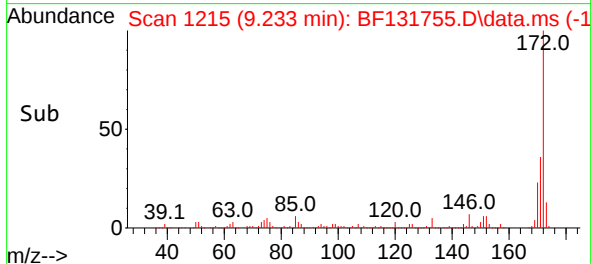
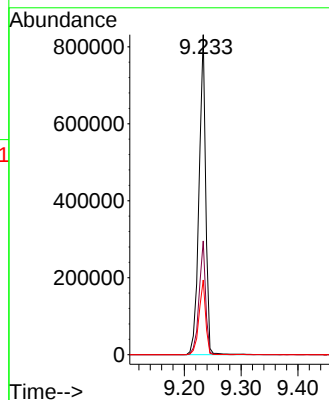
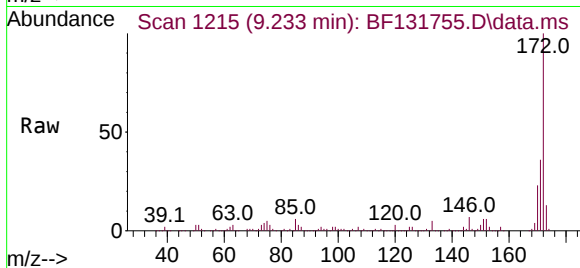
Tgt Ion:172 Resp: 684908

Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.3 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.709 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

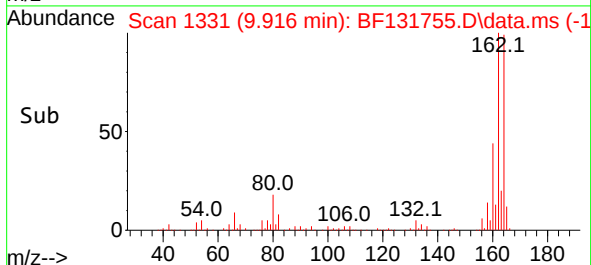
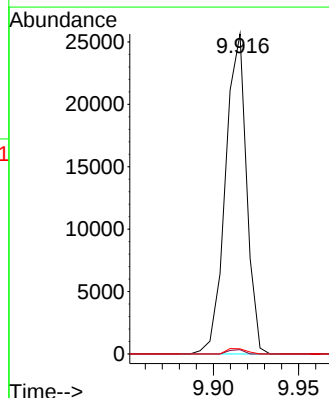
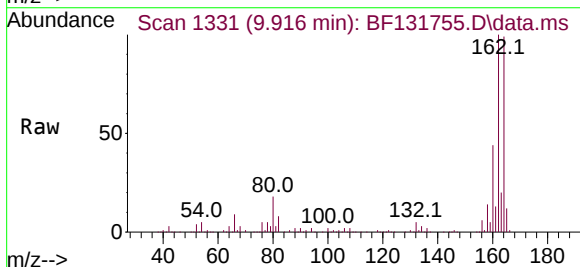
Tgt Ion:165 Resp: 22107

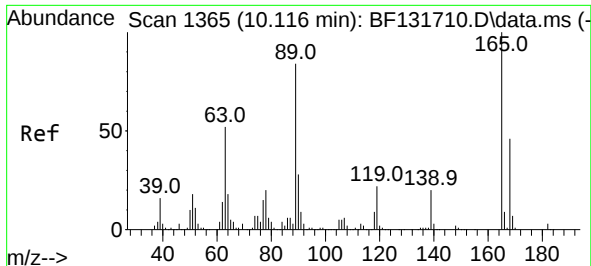
Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.8#

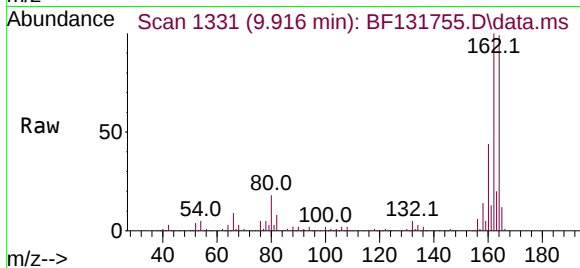
89 1.6 53.2 79.8#



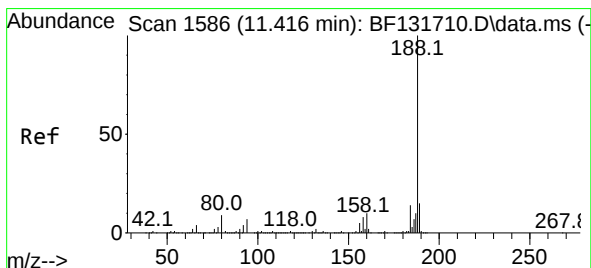
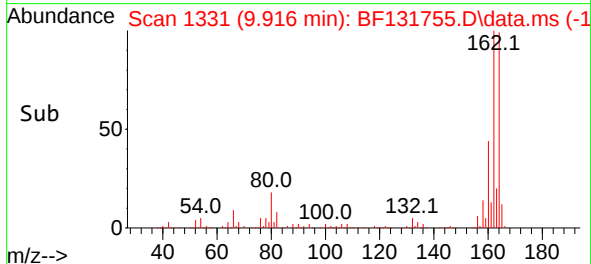
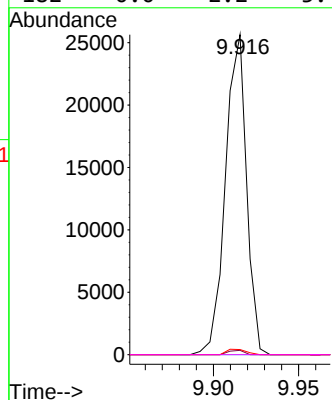


#57
2,4-Dinitrotoluene
Concen: 5.737 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

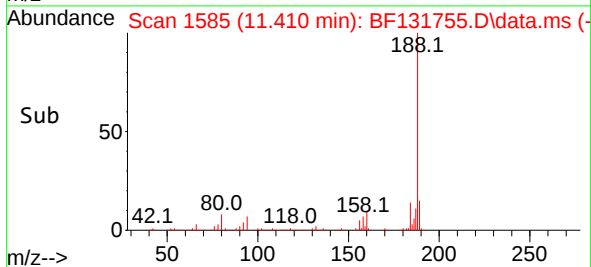
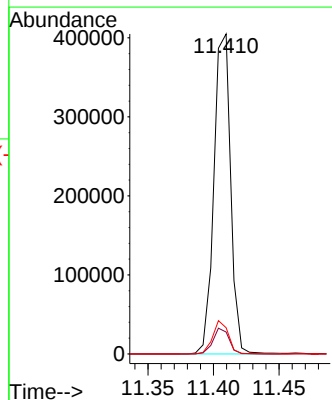
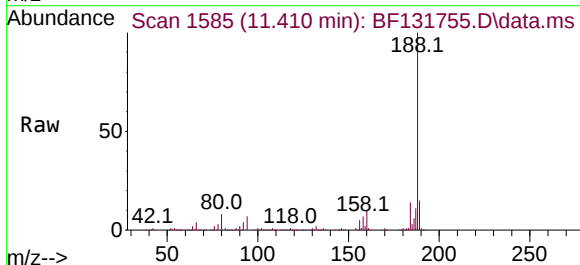


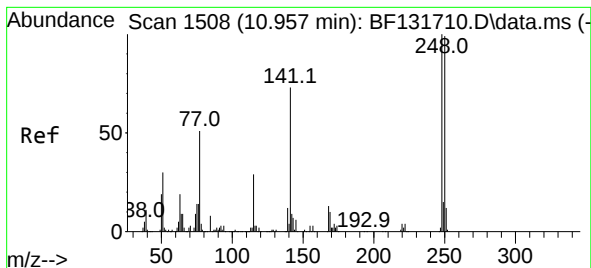
Tgt Ion:165 Resp: 22107
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 1.6 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion:188 Resp: 360300
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.2 7.0 10.6

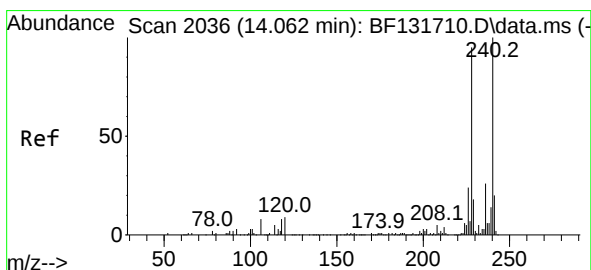
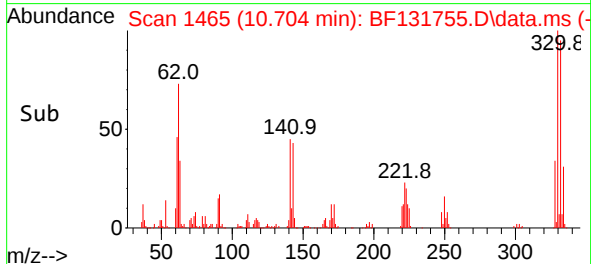
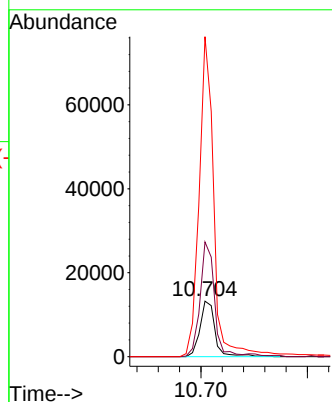
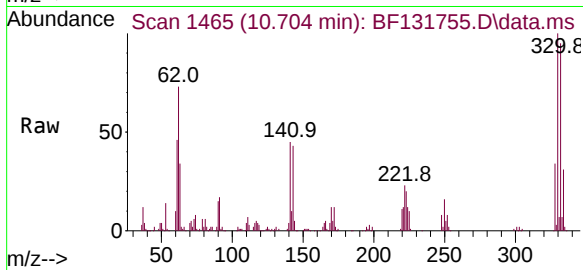




#67
4-Bromophenyl-phenylether
Concen: 3.083 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

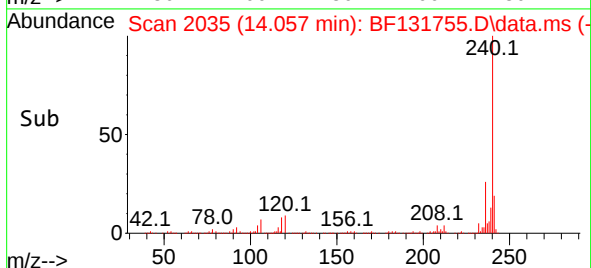
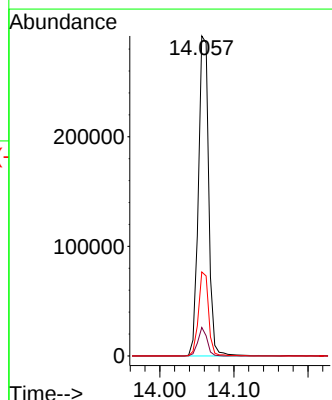
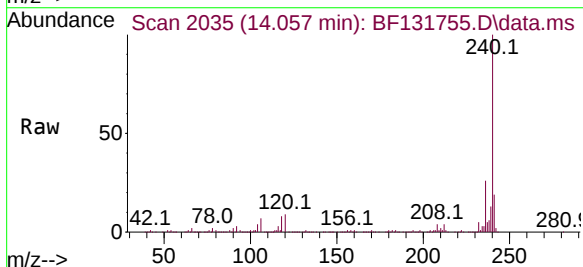
Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

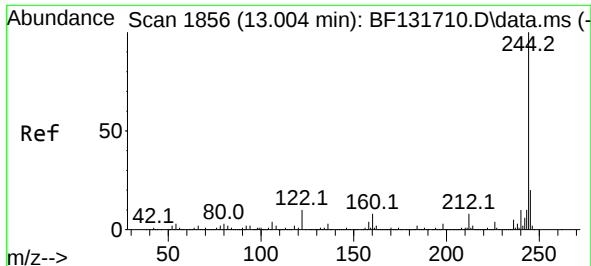
Tgt Ion:248 Resp: 13120
Ion Ratio Lower Upper
248 100
250 206.6 79.4 119.0#
141 576.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

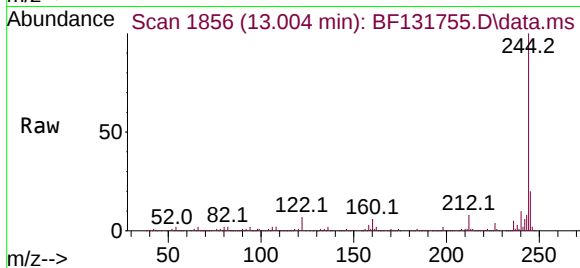
Tgt Ion:240 Resp: 281677
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 26.3 21.2 31.8



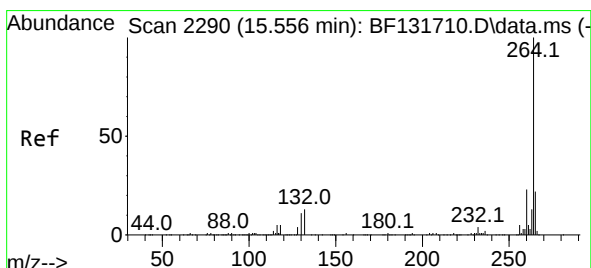
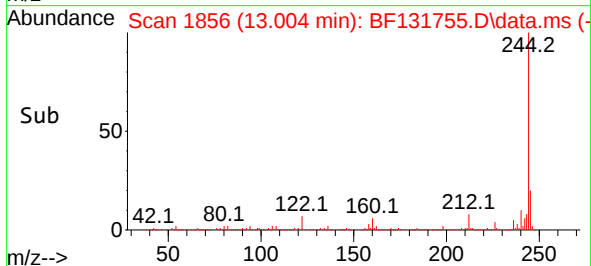
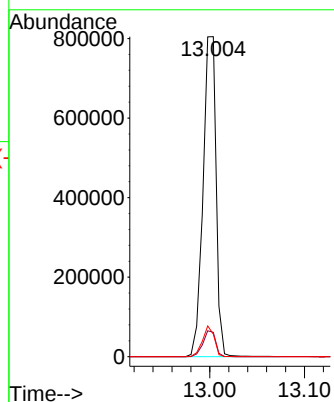


#79
 Terphenyl-d14
 Concen: 42.882 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131755.D
 Acq: 21 Dec 2022 20:27

Instrument :
 BNA_F
 ClientSampleId :
 20221421-COMPOSITE-D



Tgt Ion:244 Resp: 775025
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.0 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF131755.D
 Acq: 21 Dec 2022 20:27

Tgt Ion:264 Resp: 248165
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.0 17.4 26.2

