

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131409.D
 Acq On : 25 Nov 2022 22:25
 Operator : CG\JU
 Sample : N5747-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:13:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

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

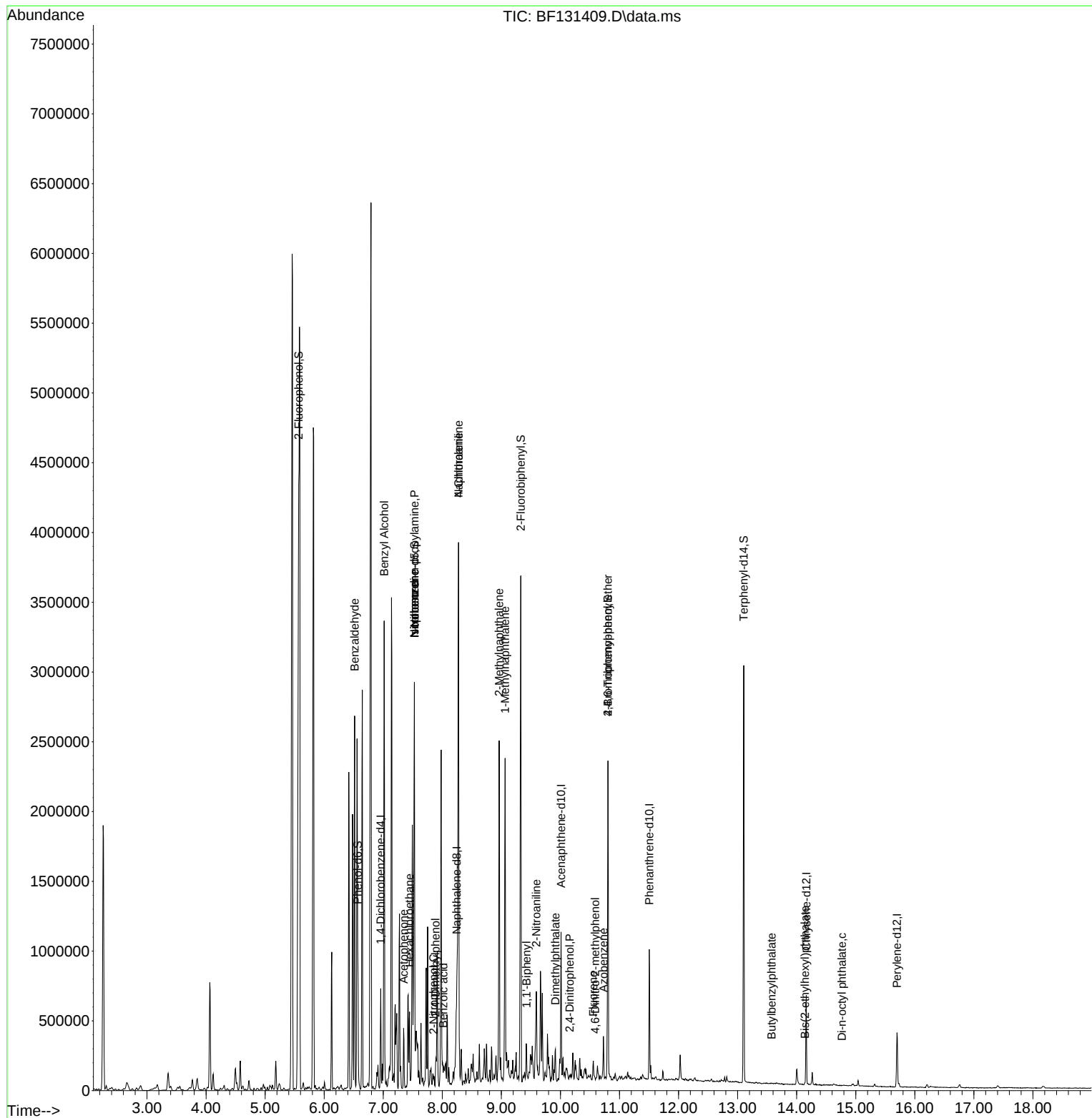
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	91847	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	329665	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	190226	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	334767	20.000	ng	-0.01
76) Chrysene-d12	14.162	240	212908	20.000	ng	-0.01
86) Perylene-d12	15.698	264	189942	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	316661	65.617	ng	0.00
7) Phenol-d6	6.569	99	295945	48.064	ng	-0.01
23) Nitrobenzene-d5	7.528	82	599701	91.699	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	266503	166.524	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1127953	86.264	ng	0.00
79) Terphenyl-d14	13.104	244	1046081	80.345	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	107217	25.785	ng	# 1
15) Benzyl Alcohol	7.016	79	104524	20.703	ng	# 10
18) Hexachloroethane	7.445	117	13355	5.639	ng	# 1
19) n-Nitroso-di-n-propyla...	7.528	70	90319	20.038	ng	# 73
22) Acetophenone	7.345	105	151783	18.088	ng	# 53
24) Nitrobenzene	7.528	77	20002	2.936	ng	# 4
25) Isophorone	7.528	82	594489	50.952	ng	# 68
26) 2-Nitrophenol	7.851	139	77	3.619	ng	# 1
27) 2,4-Dimethylphenol	7.886	122	9533	2.108	ng	94
31) Naphthalene	8.275	128	1761206	100.252	ng	100
32) Benzoic acid	8.016	122	6593	7.841	ng	# 69
33) 4-Chloroaniline	8.275	127	233539	33.696	ng	# 31
37) 2-Methylnaphthalene	8.963	142	651383	54.724	ng	99
38) 1-Methylnaphthalene	9.063	142	464241	40.220	ng	100
46) 1,1'-Biphenyl	9.427	154	51166	3.525	ng	100
48) 2-Nitroaniline	9.592	65	11205	3.169	ng	# 29
50) Dimethylphthalate	9.916	163	62633	4.726	ng	# 92
54) 2,4-Dinitrophenol	10.157	184	283	5.233	ng	# 1
58) Fluorene	10.557	166	28589	2.291	ng	96
63) Azobenzene	10.727	77	49852	3.705	ng	# 2
65) 4,6-Dinitro-2-methylph...	10.586	198	64	4.622	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	17760	4.329	ng	# 1
80) Butylbenzylphthalate	13.574	149	616	4.233	ng	# 23
84) Bis(2-ethylhexyl)phtha...	14.139	149	3862	4.173	ng	# 87
85) Di-n-octyl phthalate	14.768	149	636	3.963	ng	# 1

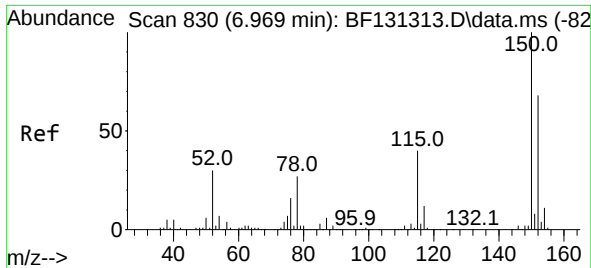
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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Quant Time: Nov 26 00:13:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration

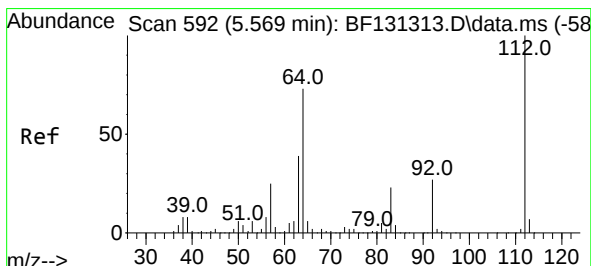
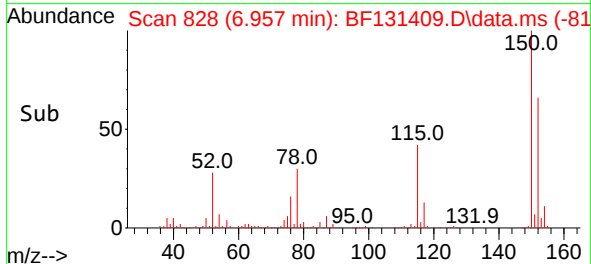
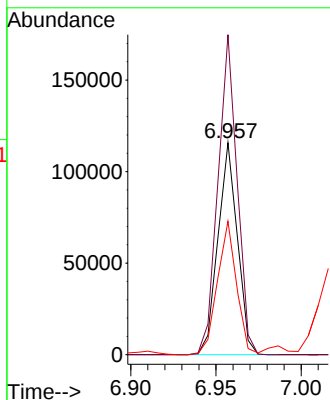
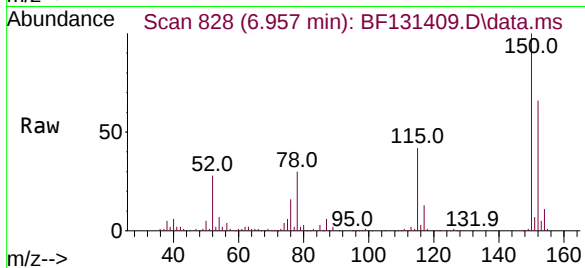




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

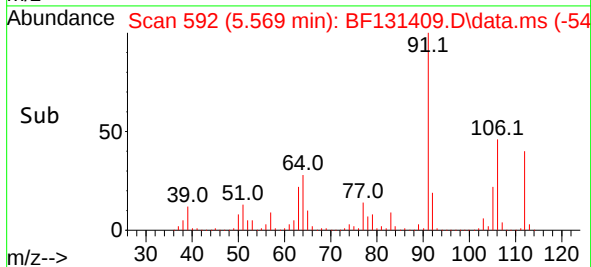
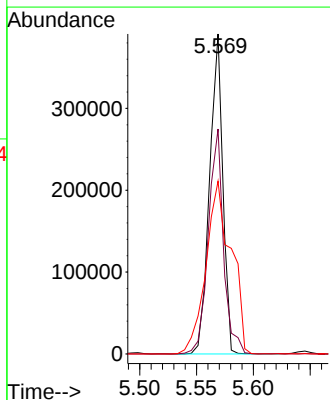
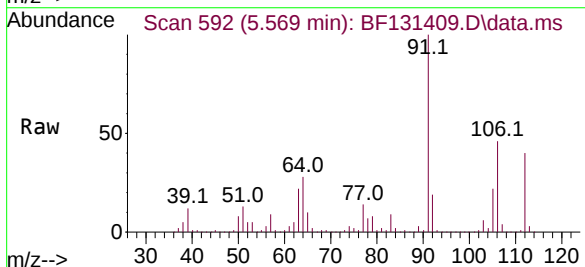
Instrument :
BNA_F
ClientSampleId :

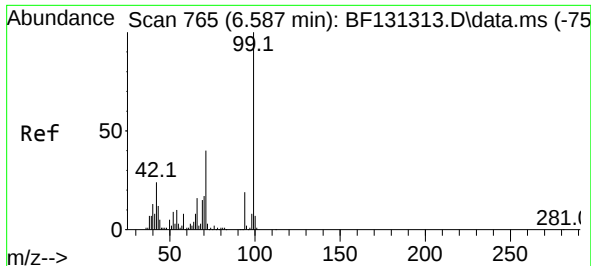
Tgt Ion:152 Resp: 91847
Ion Ratio Lower Upper
152 100
150 150.9 117.8 176.8
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 65.617 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

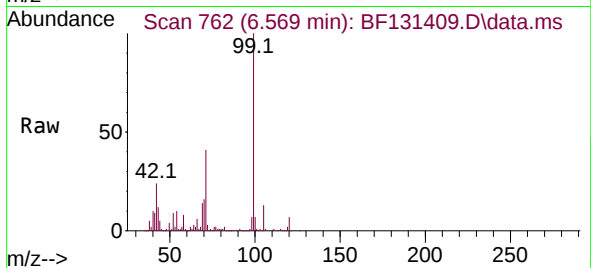
Tgt Ion:112 Resp: 316661
Ion Ratio Lower Upper
112 100
64 70.3 58.6 88.0
63 54.0 31.4 47.0#



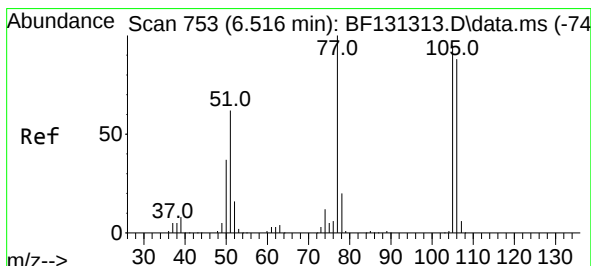
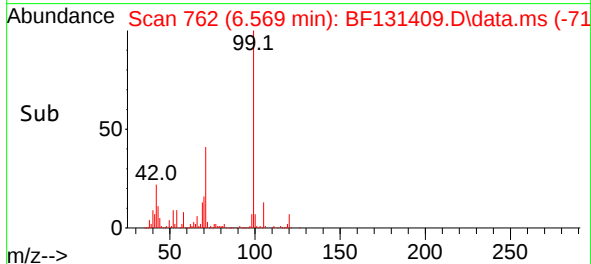
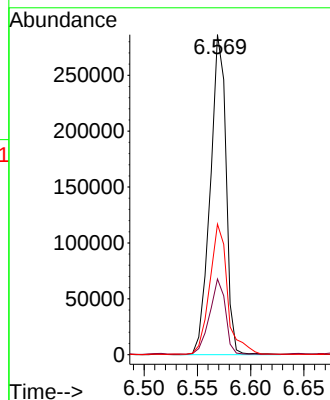


#7
Phenol-d6
Concen: 48.064 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Instrument :
BNA_F
ClientSampleId :

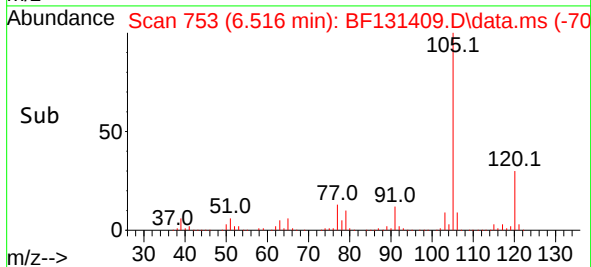
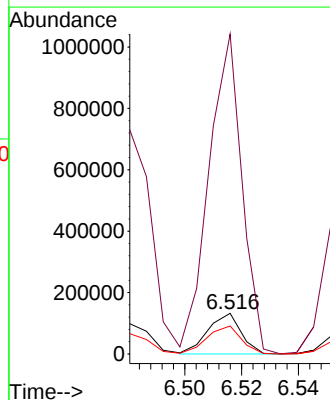
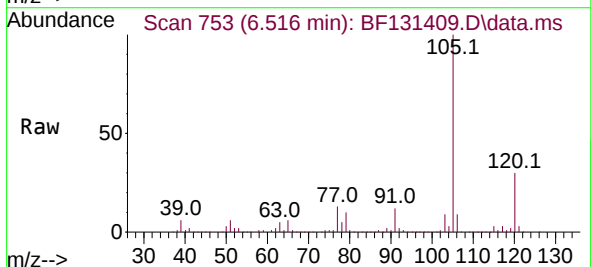


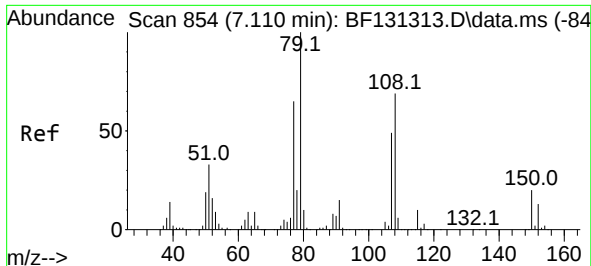
Tgt Ion: 99 Resp: 295945
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 40.8 32.3 48.5



#9
Benzaldehyde
Concen: 25.785 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion: 77 Resp: 107217
Ion Ratio Lower Upper
77 100
105 788.4 74.5 114.5#
106 69.0 68.1 108.1

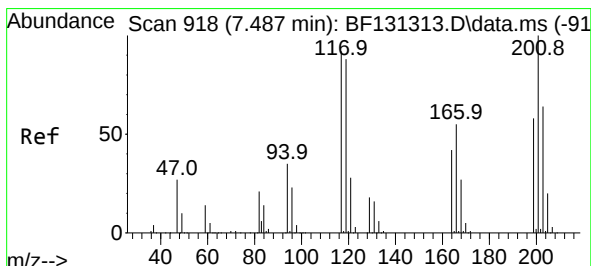
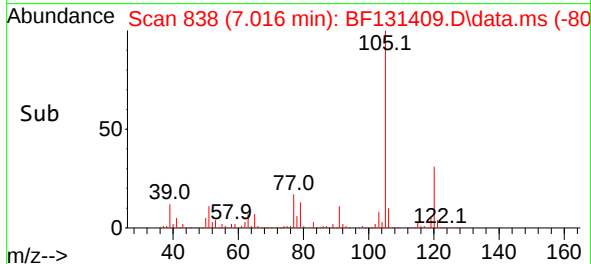
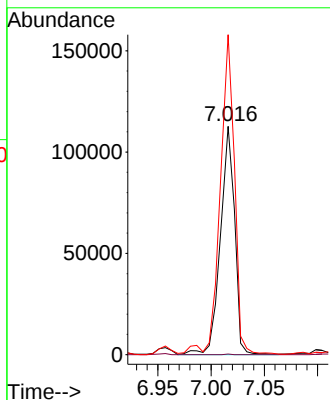
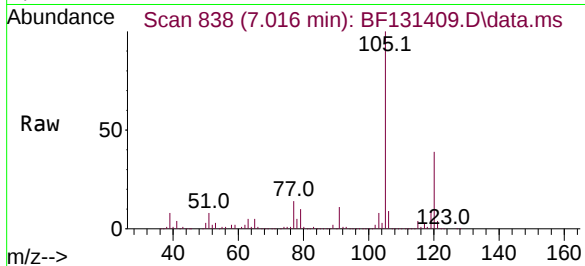




#15
Benzyl Alcohol
Concen: 20.703 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.082 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

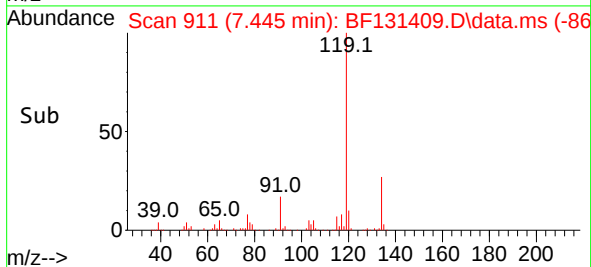
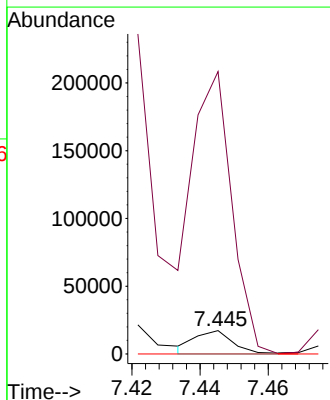
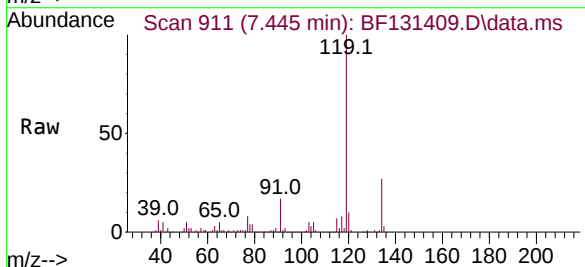
Instrument :
BNA_F
ClientSampleId :

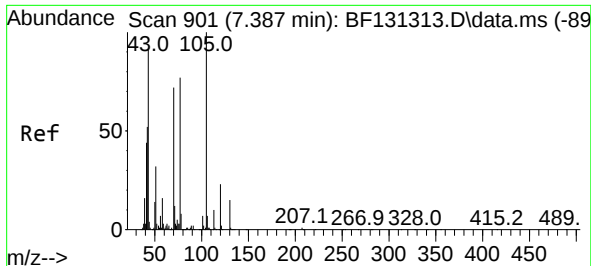
Tgt Ion: 79 Resp: 104524
Ion Ratio Lower Upper
79 100
108 0.3 55.1 82.7#
77 140.1 51.8 77.8#



#18
Hexachloroethane
Concen: 5.639 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.029 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion: 117 Resp: 13355
Ion Ratio Lower Upper
117 100
119 1207.6 76.6 115.0#
201 0.0 87.0 130.6#

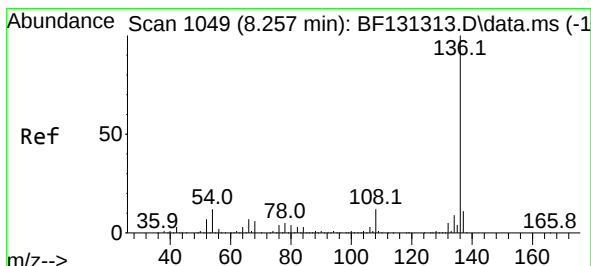
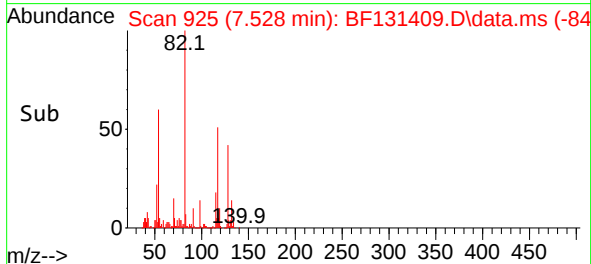
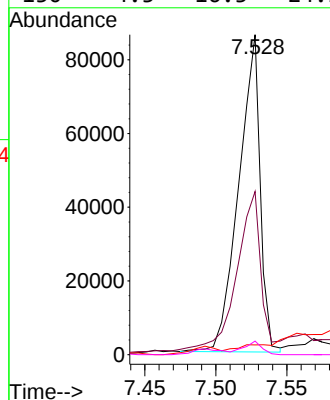
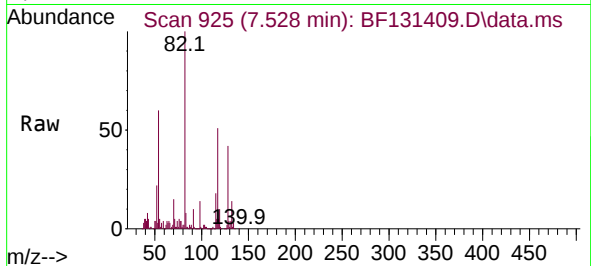




#19
n-Nitroso-di-n-propylamine
Concen: 20.038 ng
RT: 7.528 min Scan# 901
Delta R.T. 0.153 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

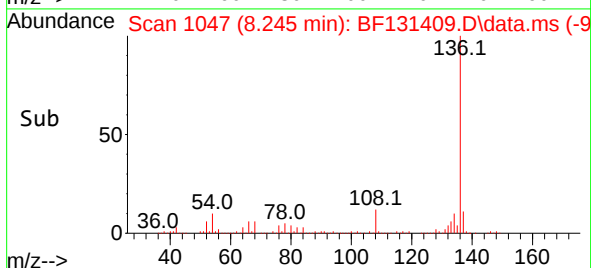
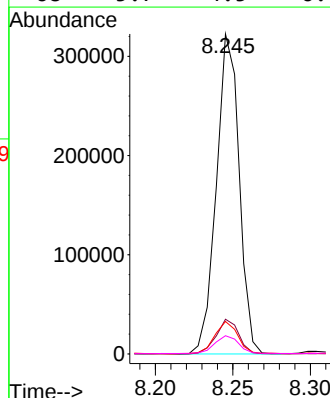
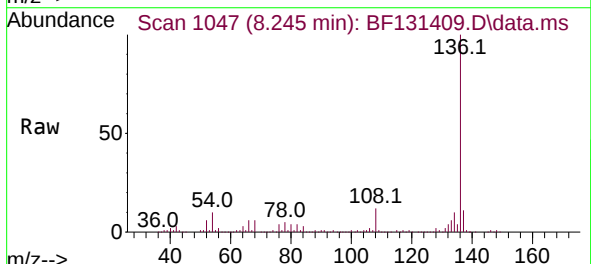
Instrument :
BNA_F
ClientSampleId :

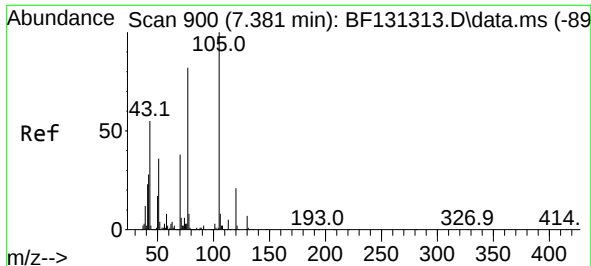
Tgt Ion: 70 Resp: 90319
Ion Ratio Lower Upper
70 100
42 51.0 57.6 86.4#
101 3.0 8.2 12.2#
130 4.3 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

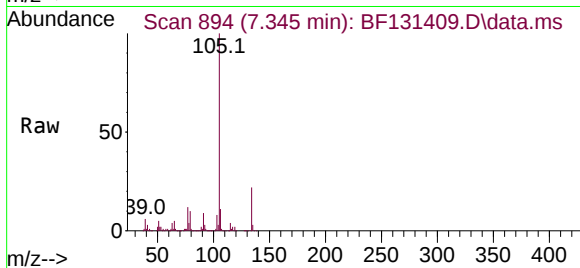
Tgt Ion:136 Resp: 329665
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.2 9.4 14.0
68 5.7 4.5 6.7



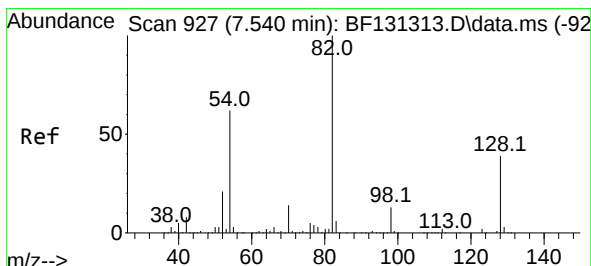
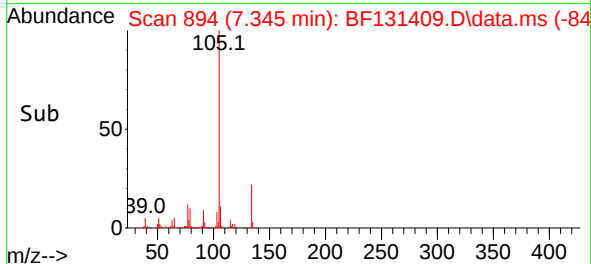
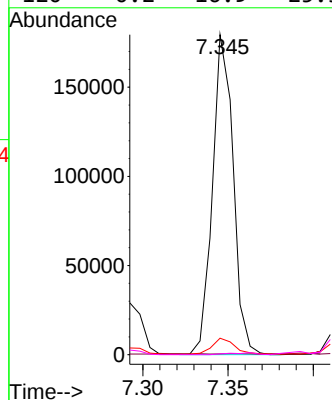


#22
Acetophenone
Concen: 18.088 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Instrument :
BNA_F
ClientSampleId :

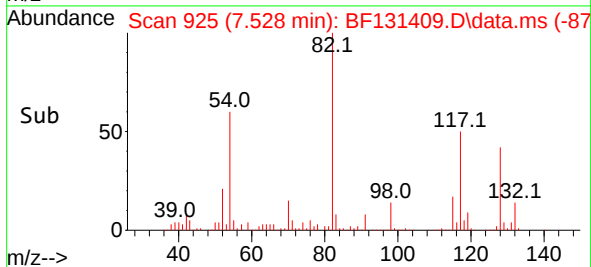
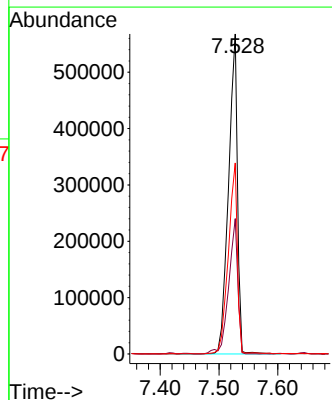
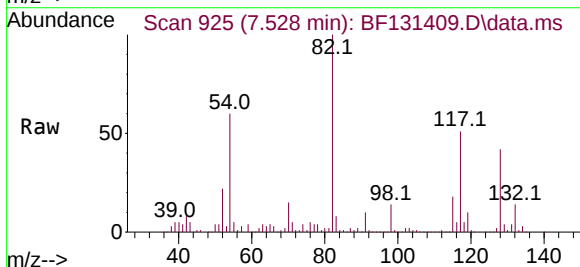


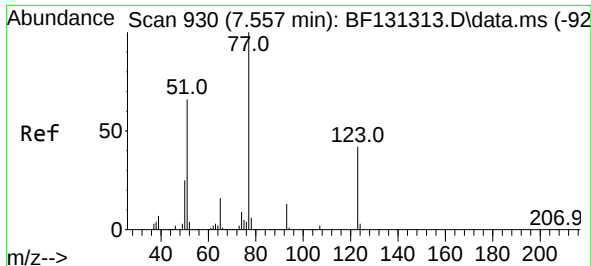
Tgt Ion:105 Resp: 151783
Ion Ratio Lower Upper
105 100
71 0.3 4.9 7.3#
51 5.1 29.0 43.4#
120 0.2 16.9 25.3#



#23
Nitrobenzene-d5
Concen: 91.699 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion: 82 Resp: 599701
Ion Ratio Lower Upper
82 100
128 42.3 31.4 47.0
54 59.7 49.8 74.6

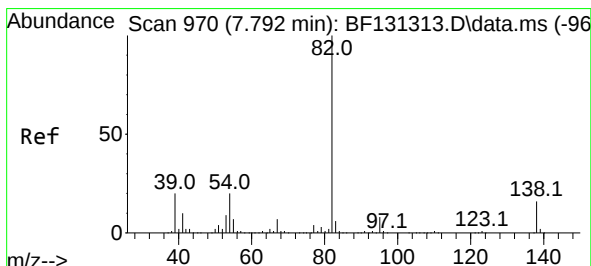
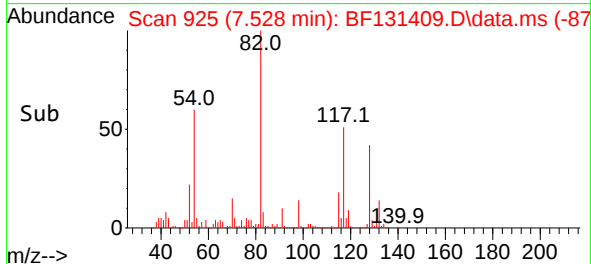
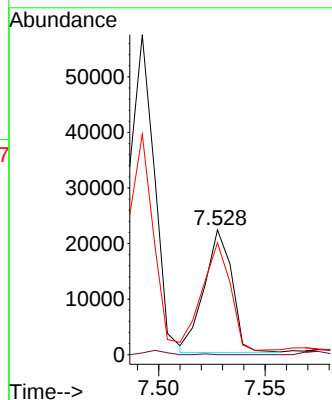
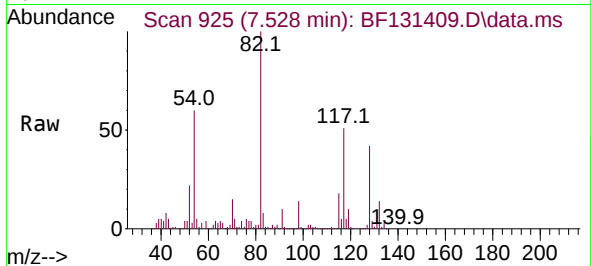




#24
Nitrobenzene
Concen: 2.936 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

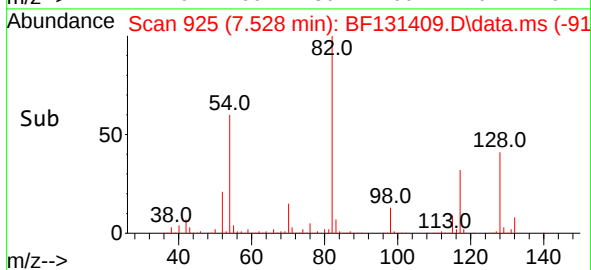
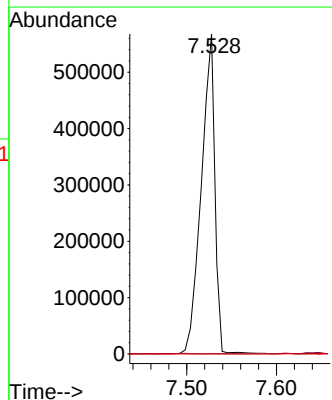
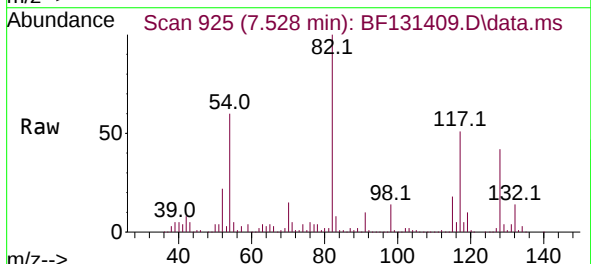
Instrument :
BNA_F
ClientSampleId :

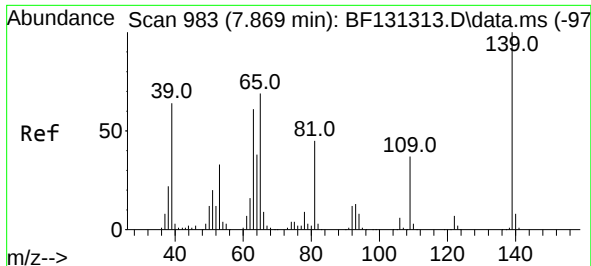
Tgt Ion: 77 Resp: 20002
Ion Ratio Lower Upper
77 100
123 0.0 33.3 49.9#
65 89.6 12.7 19.1#



#25
Isophorone
Concen: 50.952 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

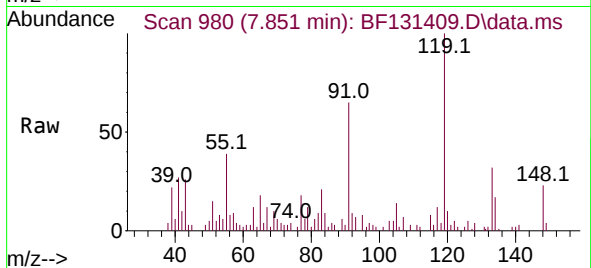
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Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



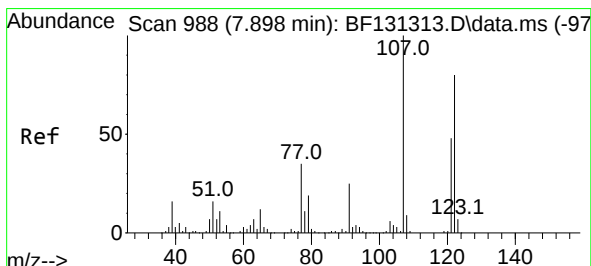
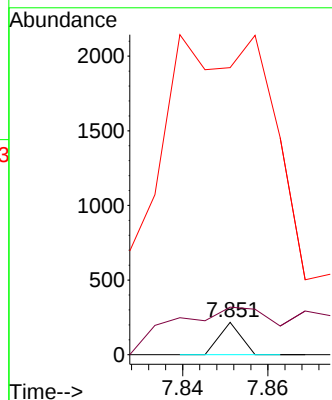
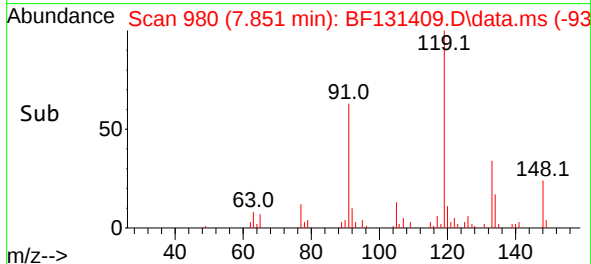


#26
2-Nitrophenol
Concen: 3.619 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

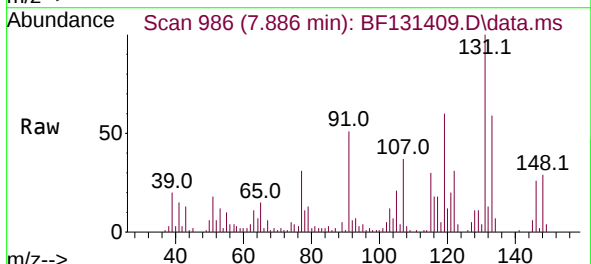
Instrument :
BNA_F
ClientSampleId :



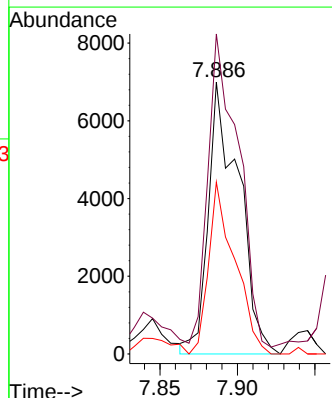
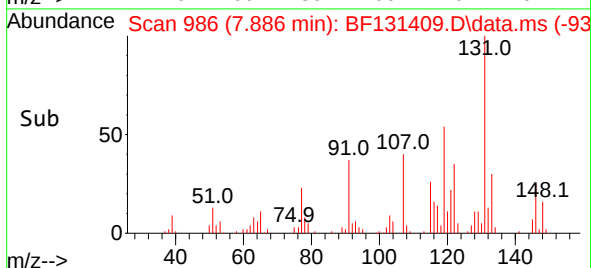
Tgt Ion:139 Resp: 77
Ion Ratio Lower Upper
139 100
109 147.0 29.9 44.9#
65 886.2 55.7 83.5#

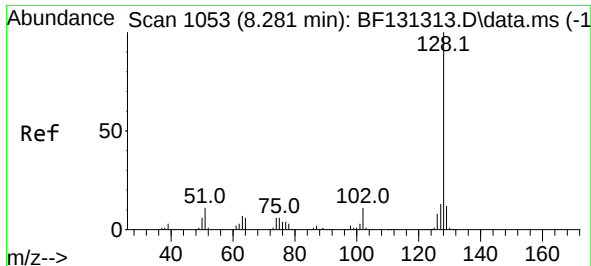


#27
2,4-Dimethylphenol
Concen: 2.108 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25



Tgt Ion:122 Resp: 9533
Ion Ratio Lower Upper
122 100
107 117.7 99.9 149.9
121 63.2 47.4 71.2

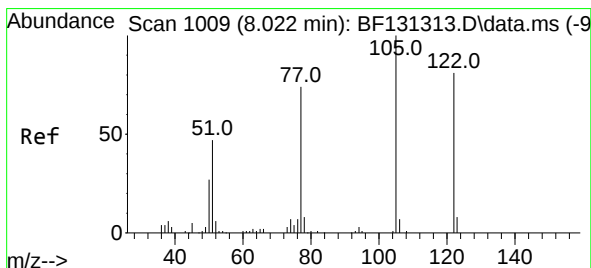
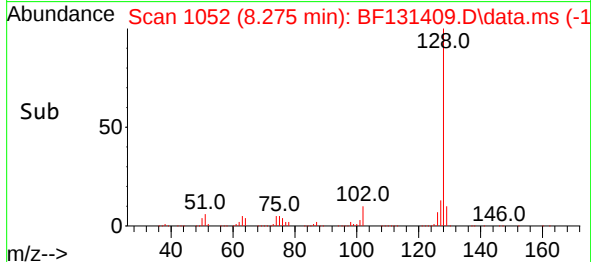
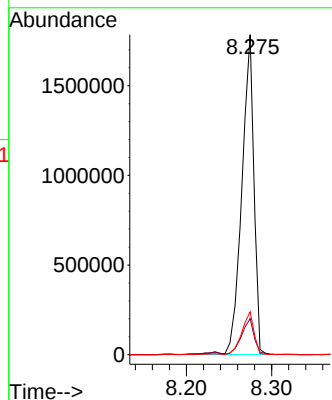
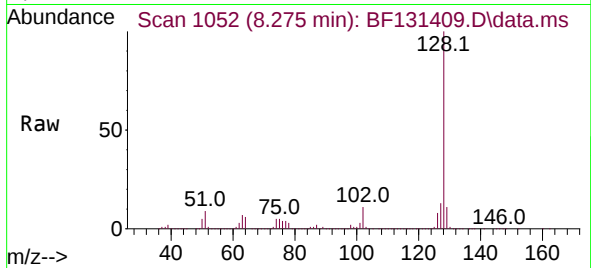




#31
Naphthalene
Concen: 100.252 ng
RT: 8.275 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

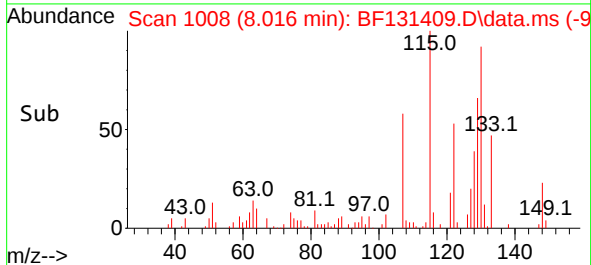
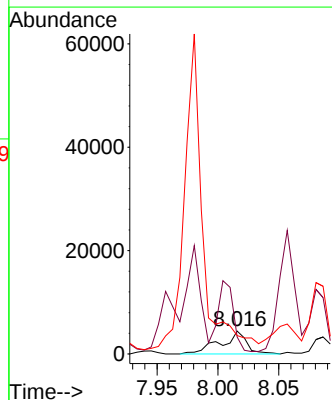
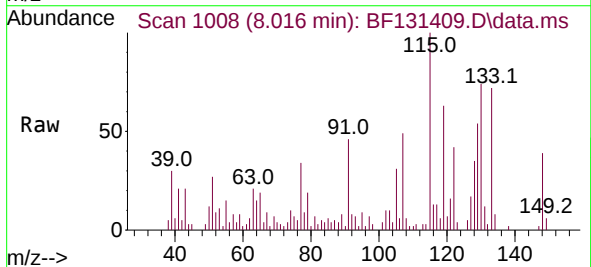
Instrument :
BNA_F
ClientSampleId :

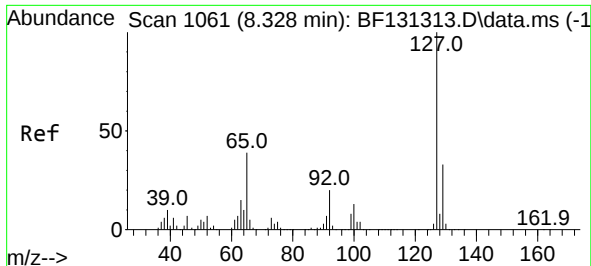
Tgt Ion:128 Resp: 1761206
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 7.841 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion:122 Resp: 6593
Ion Ratio Lower Upper
122 100
105 73.8 103.8 143.8#
77 80.0 74.3 114.3

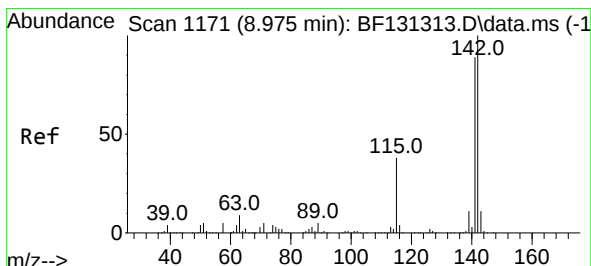
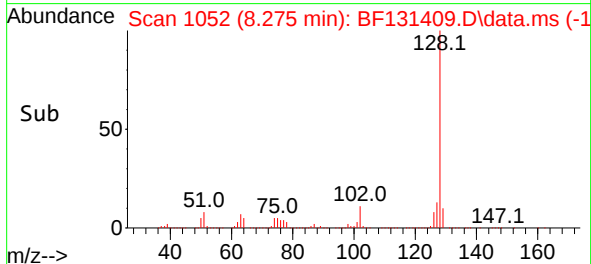
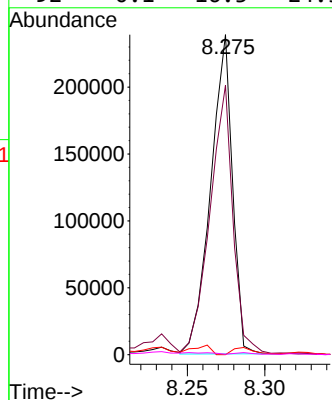
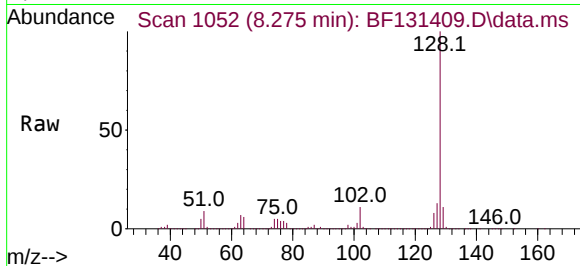




#33
4-Chloroaniline
Concen: 33.696 ng
RT: 8.275 min Scan# 1169
Delta R.T. -0.047 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

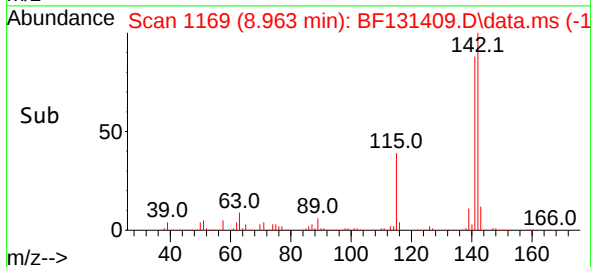
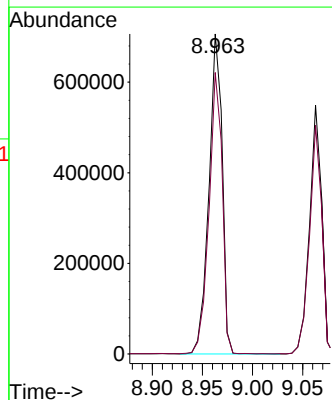
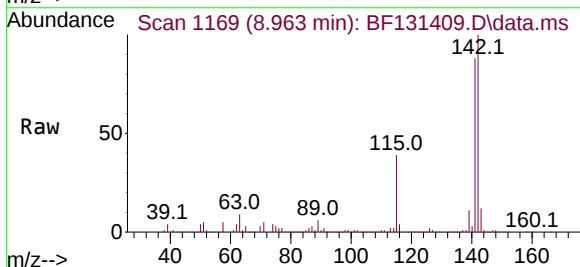
Instrument :
BNA_F
ClientSampleId :

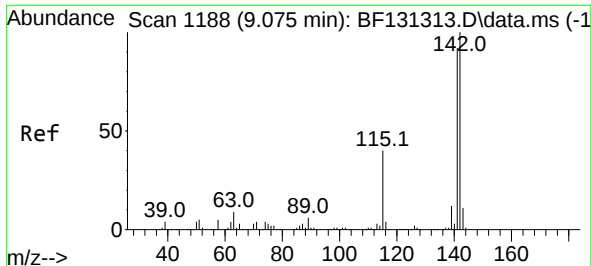
Tgt Ion:127	Resp: 233539
Ion Ratio	Lower Upper
127 100	
129 84.2	26.4 39.6#
65 0.0	31.0 46.6#
92 0.1	16.3 24.5#



#37
2-Methylnaphthalene
Concen: 54.724 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt	Ion:142	Resp:	651383
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.4

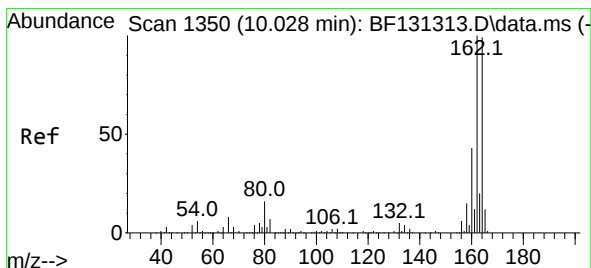
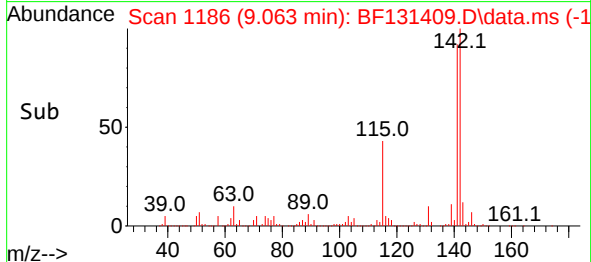
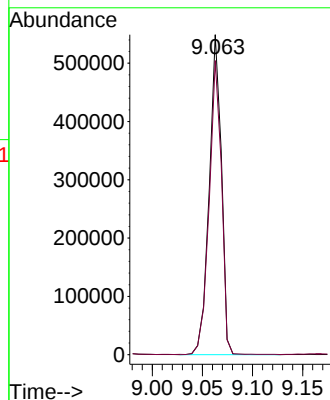
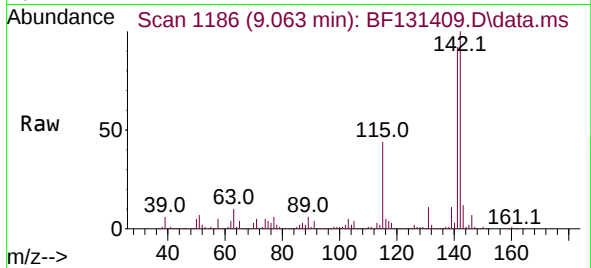




#38
1-Methylnaphthalene
Concen: 40.220 ng
RT: 9.063 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

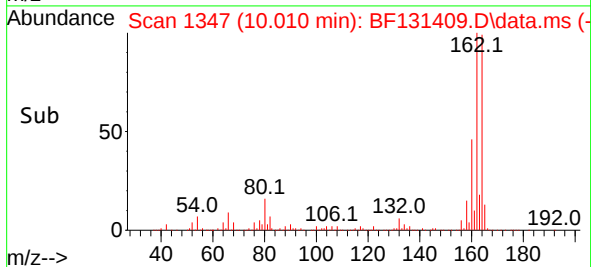
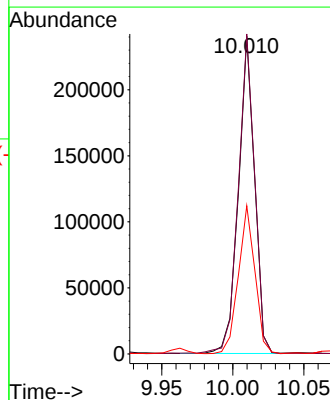
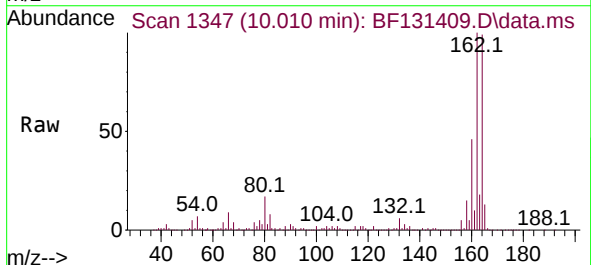
Instrument :
BNA_F
ClientSampleId :

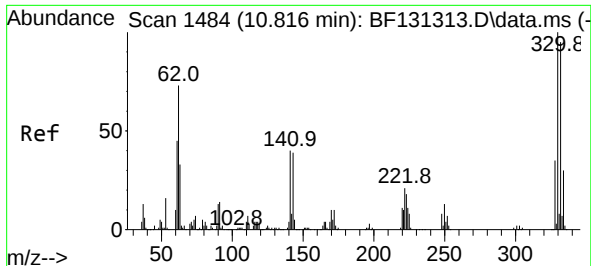
Tgt Ion:142 Resp: 464241
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

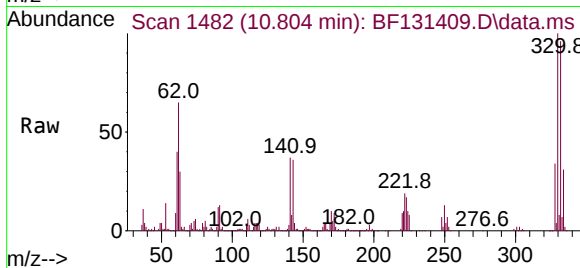
Tgt Ion:164 Resp: 190226
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 46.6 34.4 51.6



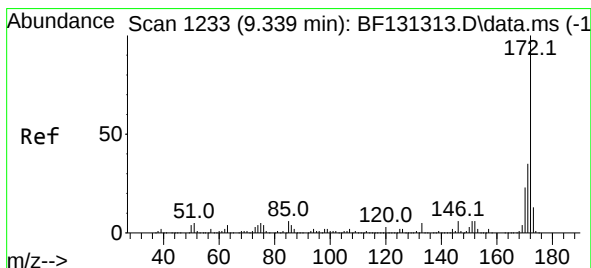
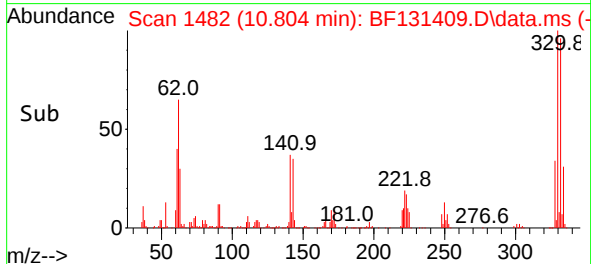
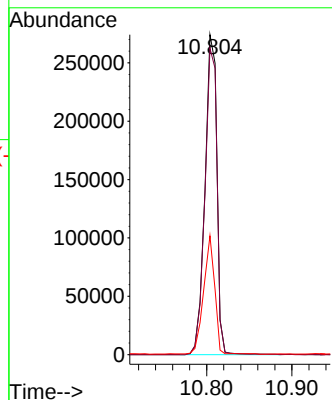


#42
2,4,6-Tribromophenol
Concen: 166.524 ng
RT: 10.804 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Instrument :
BNA_F
ClientSampleId :

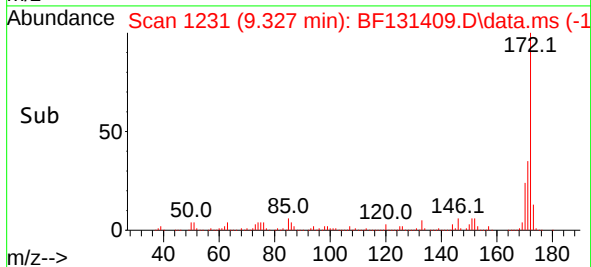
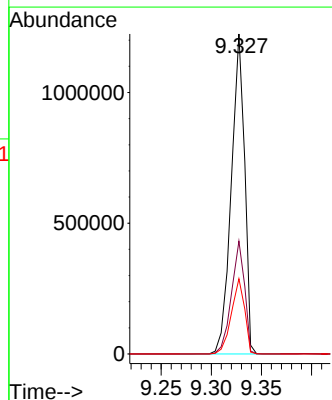
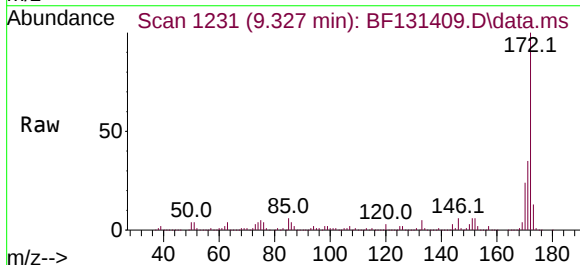


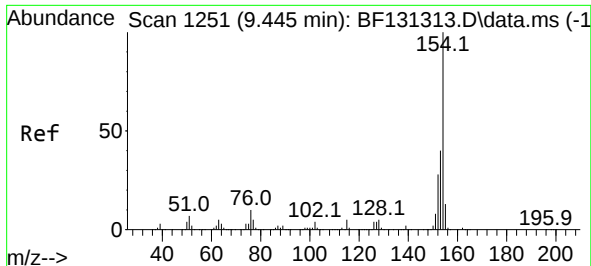
Tgt Ion:330 Resp: 266503
Ion Ratio Lower Upper
330 100
332 97.5 77.5 116.3
141 34.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 86.264 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion:172 Resp: 1127953
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.7 28.1





#46

1,1'-Biphenyl

Concen: 3.525 ng

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131409.D

Acq: 25 Nov 2022 22:25

Instrument :

BNA_F

ClientSampleId :

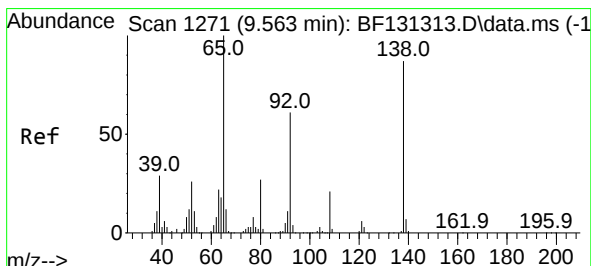
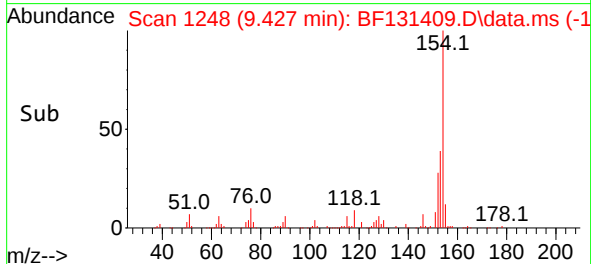
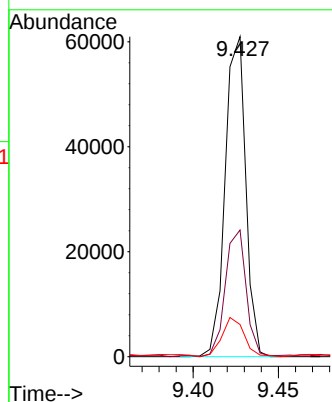
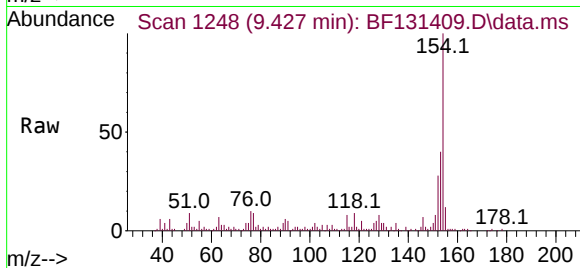
Tgt Ion:154 Resp: 51166

Ion Ratio Lower Upper

154 100

153 39.6 19.8 59.8

76 10.1 0.0 30.2



#48

2-Nitroaniline

Concen: 3.169 ng

RT: 9.592 min Scan# 1276

Delta R.T. 0.035 min

Lab File: BF131409.D

Acq: 25 Nov 2022 22:25

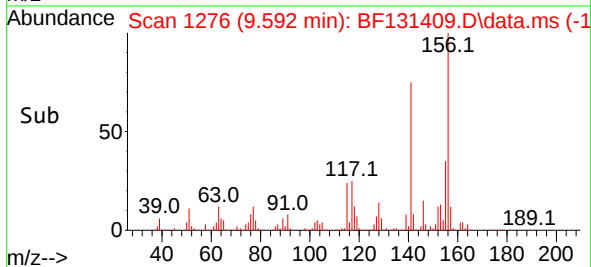
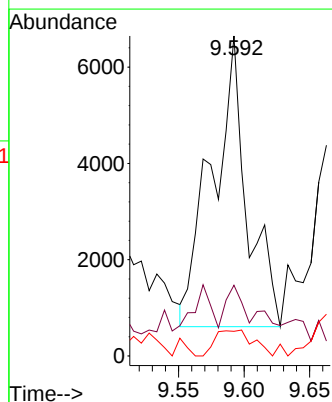
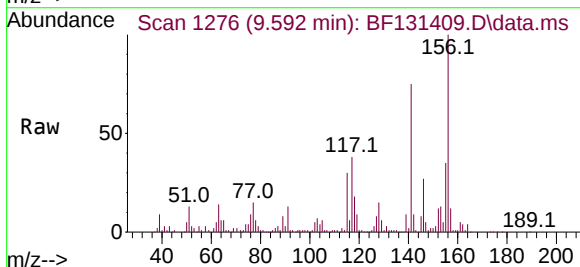
Tgt Ion: 65 Resp: 11205

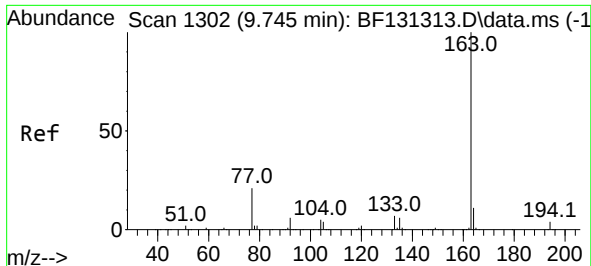
Ion Ratio Lower Upper

65 100

92 22.1 49.0 73.4#

138 7.7 69.4 104.2#

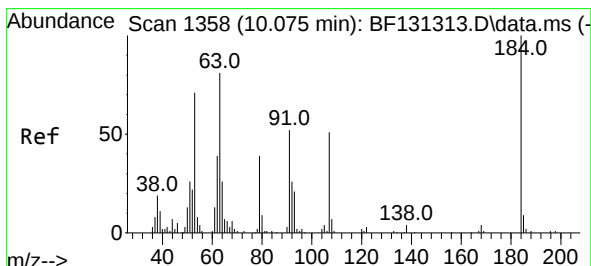
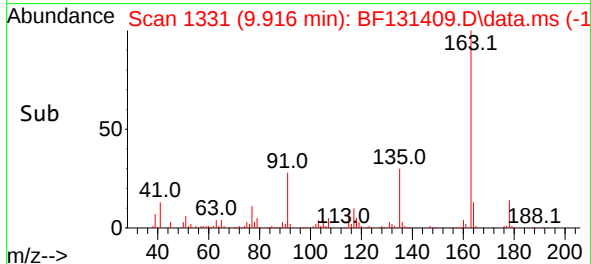
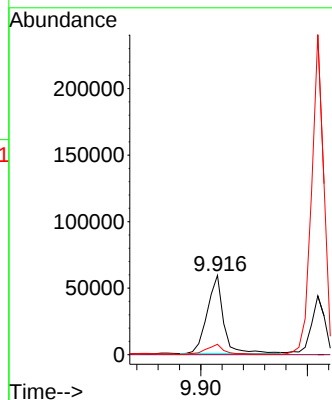
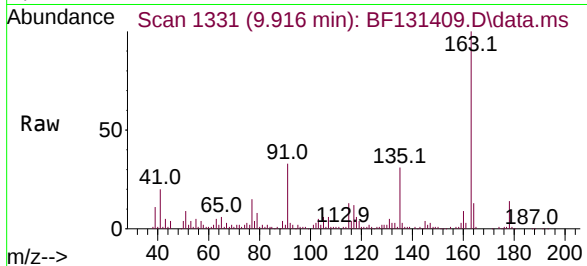




#50
Dimethylphthalate
Concen: 4.726 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.176 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

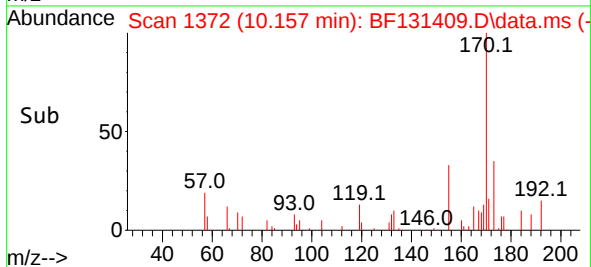
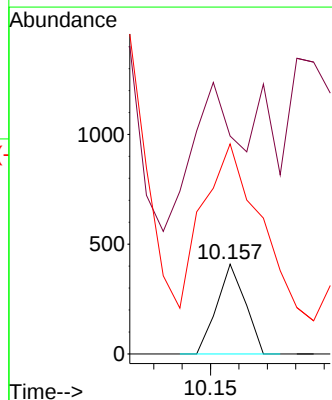
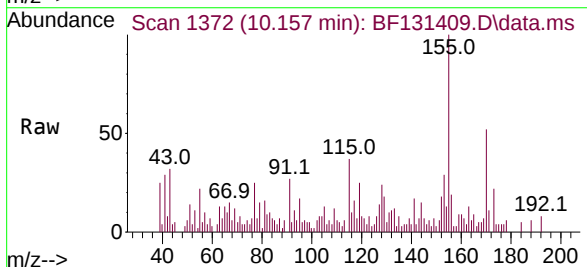
Instrument :
BNA_F
ClientSampleId :

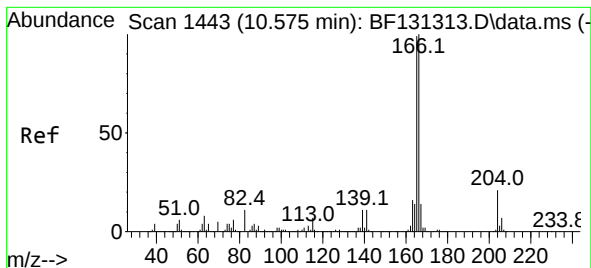
Tgt Ion:163 Resp: 62633
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 13.1 8.5 12.7#



#54
2,4-Dinitrophenol
Concen: 5.233 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.082 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion:184 Resp: 283
Ion Ratio Lower Upper
184 100
63 242.8 72.1 108.1#
154 234.0 56.3 84.5#





#58

Fluorene

Concen: 2.291 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF131409.D

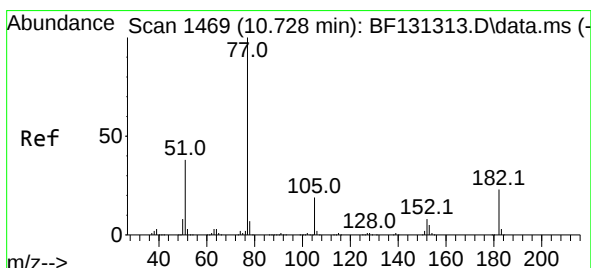
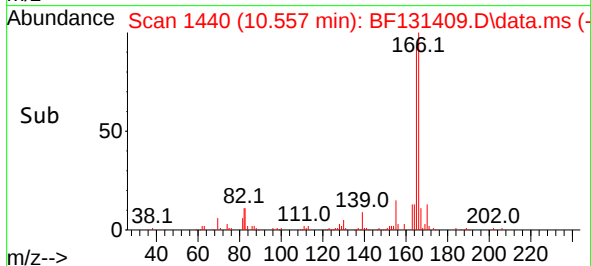
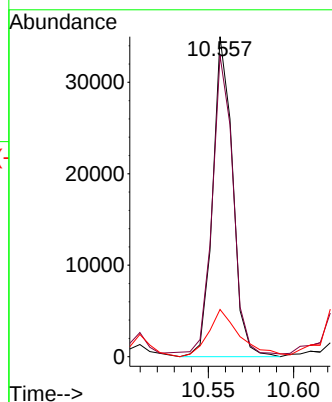
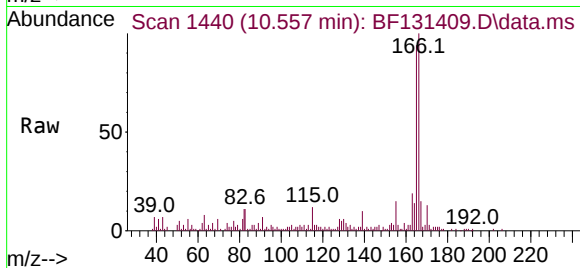
Acq: 25 Nov 2022 22:25

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:166	Resp:	28589
Ion Ratio	Lower	Upper
166	100	
165	94.1	79.0 118.4
167	14.7	10.9 16.3



#63

Azobenzene

Concen: 3.705 ng

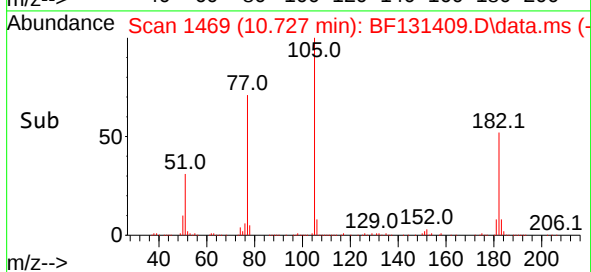
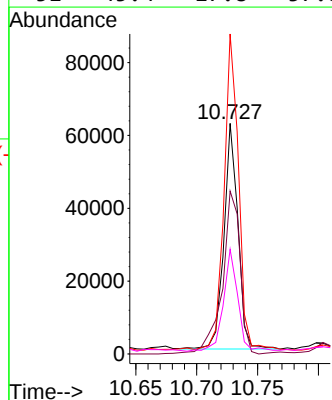
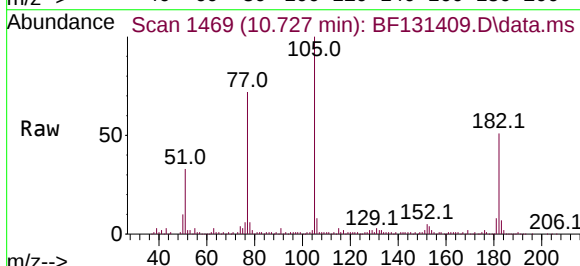
RT: 10.727 min Scan# 1469

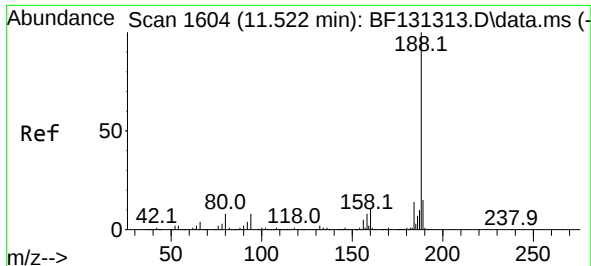
Delta R.T. 0.006 min

Lab File: BF131409.D

Acq: 25 Nov 2022 22:25

Tgt Ion: 77	Resp:	49852
Ion Ratio	Lower	Upper
77	100	
182	70.7	3.1 43.1#
105	138.8	0.0 39.2#
51	45.4	17.8 57.8

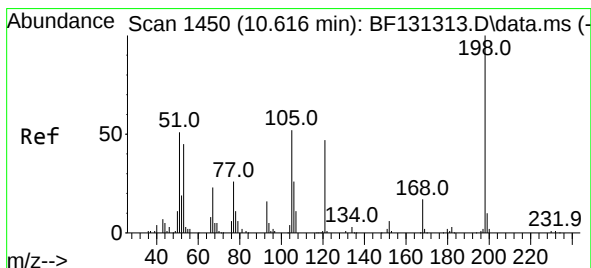
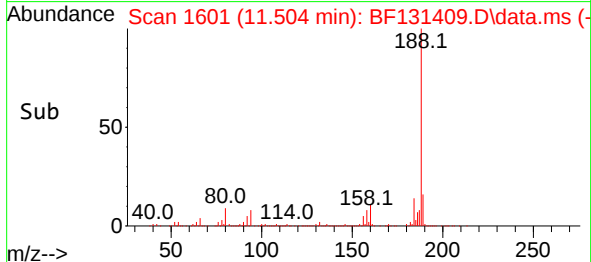
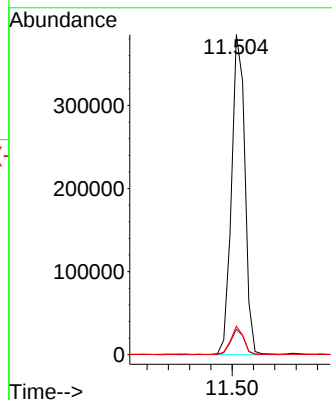
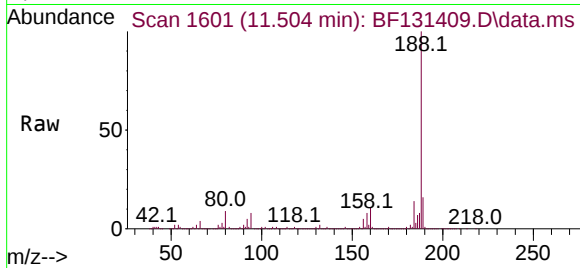




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

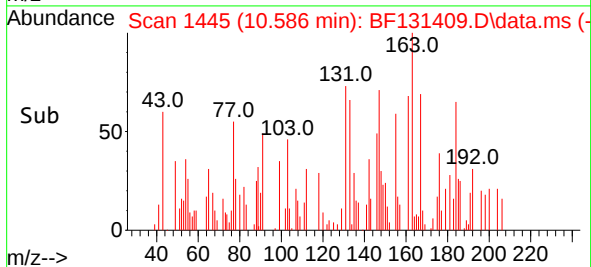
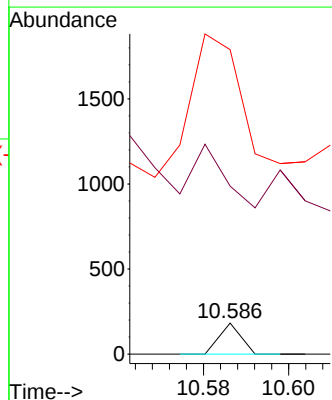
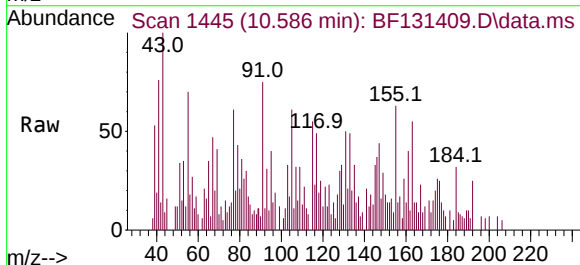
Instrument :
BNA_F
ClientSampleId :

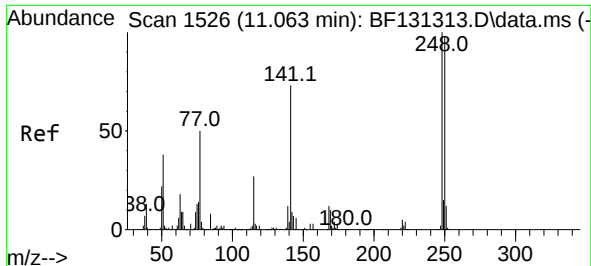
Tgt Ion:188 Resp: 334767
Ion Ratio Lower Upper
188 100
94 8.0 6.3 9.5
80 8.9 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.622 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.024 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion:198 Resp: 64
Ion Ratio Lower Upper
198 100
51 542.3 50.1 90.1#
105 983.5 32.5 72.5#

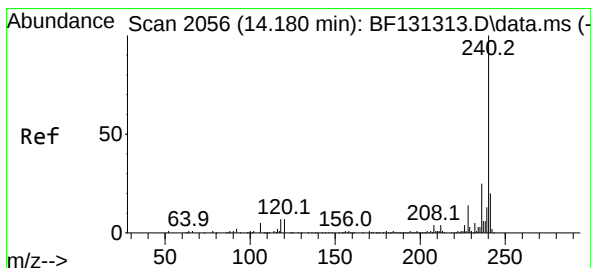
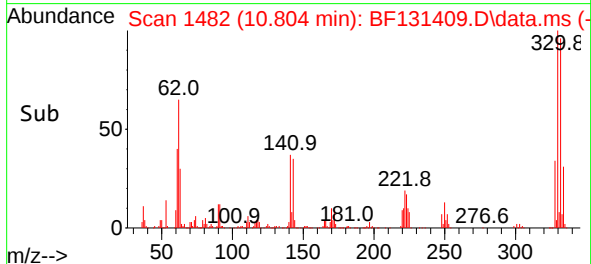
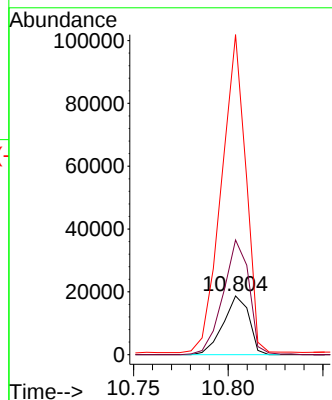
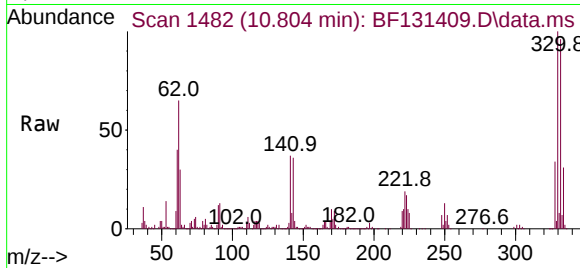




#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

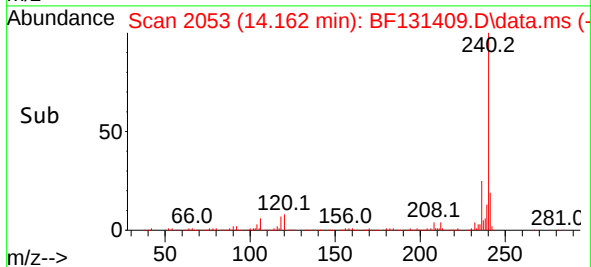
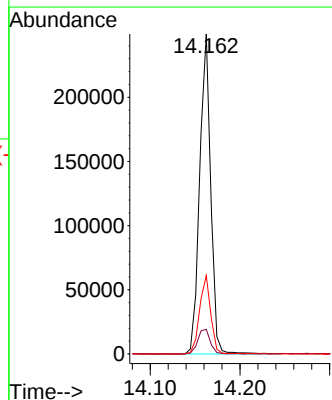
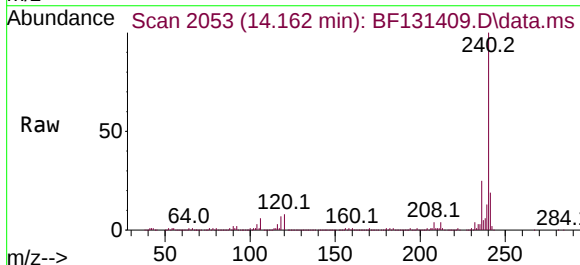
Instrument :
BNA_F
ClientSampleId :

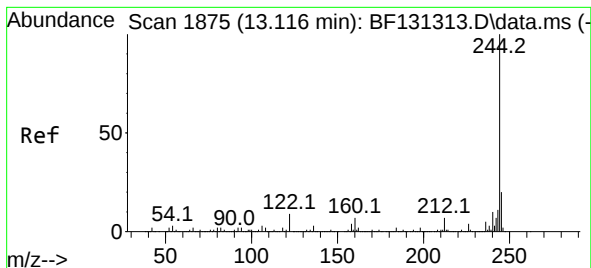
Tgt Ion:248 Resp: 17760
Ion Ratio Lower Upper
248 100
250 195.5 78.3 117.5#
141 544.8 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.162 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Tgt Ion:240 Resp: 212908
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 24.5 20.3 30.5





#79

Terphenyl-d14

Concen: 80.345 ng

RT: 13.104 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131409.D

Acq: 25 Nov 2022 22:25

Instrument :

BNA_F

ClientSampleId :

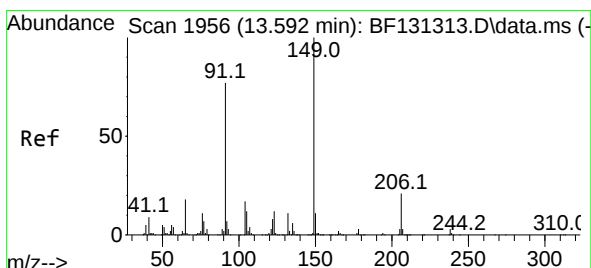
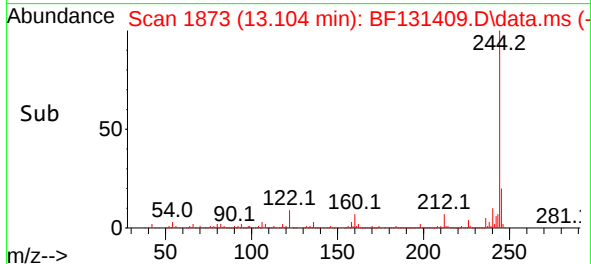
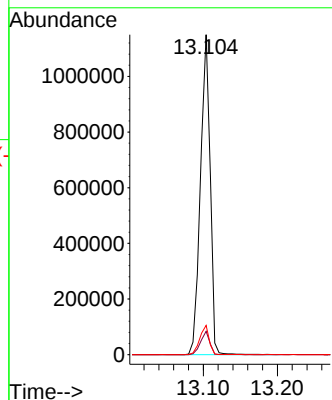
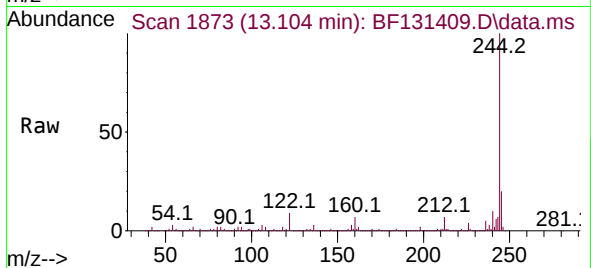
Tgt Ion:244 Resp: 1046081

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.1 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.233 ng

RT: 13.574 min Scan# 1953

Delta R.T. -0.012 min

Lab File: BF131409.D

Acq: 25 Nov 2022 22:25

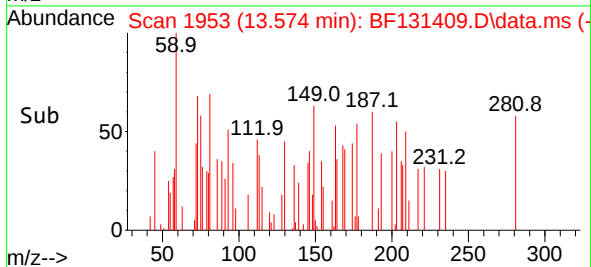
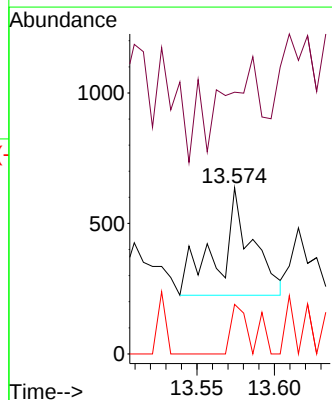
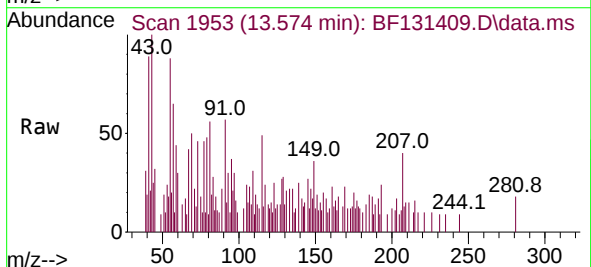
Tgt Ion:149 Resp: 616

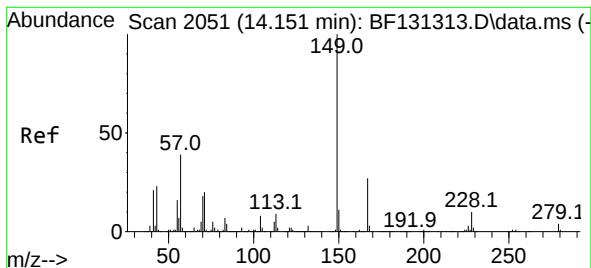
Ion Ratio Lower Upper

149 100

91 157.5 61.9 92.9#

206 29.8 16.5 24.7#

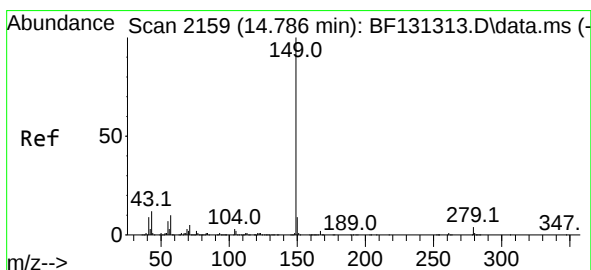
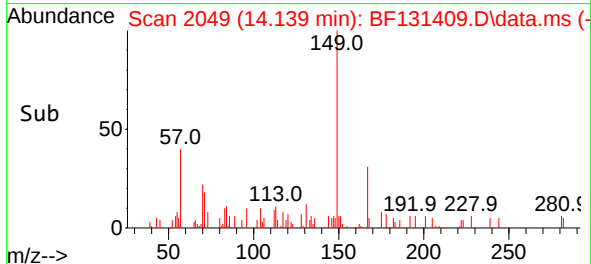
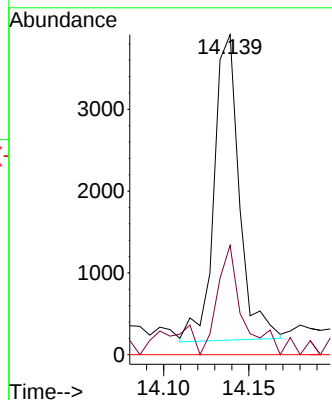
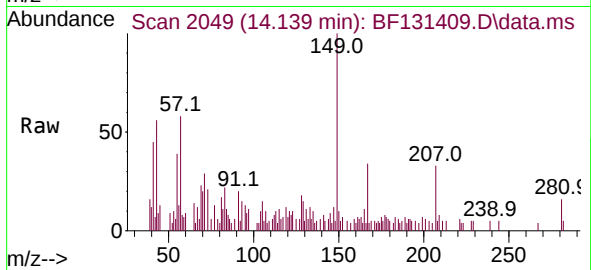




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.173 ng
 RT: 14.139 min Scan# 2049
 Delta R.T. -0.006 min
 Lab File: BF131409.D
 Acq: 25 Nov 2022 22:25

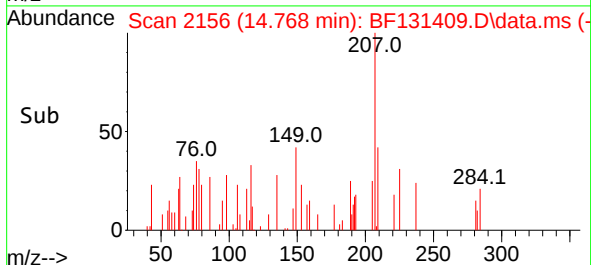
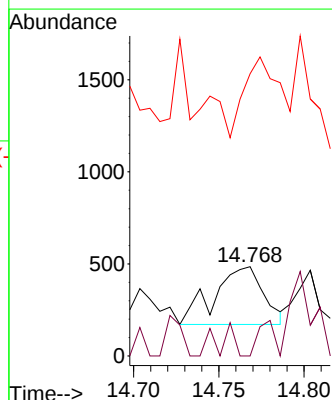
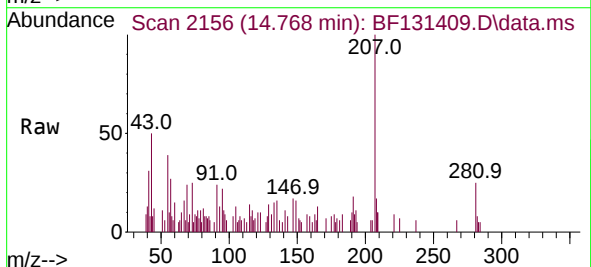
Instrument :
 BNA_F
 ClientSampleId :

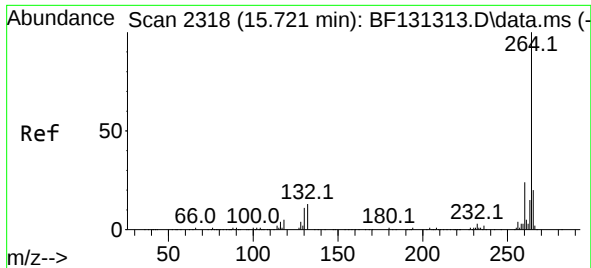
Tgt Ion:149 Resp: 3862
 Ion Ratio Lower Upper
 149 100
 167 34.2 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.963 ng
 RT: 14.768 min Scan# 2156
 Delta R.T. -0.006 min
 Lab File: BF131409.D
 Acq: 25 Nov 2022 22:25

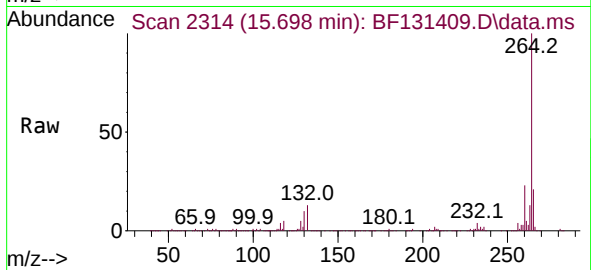
Tgt Ion:149 Resp: 636
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 97.6 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131409.D
Acq: 25 Nov 2022 22:25

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 189942

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.4	16.4	24.6

