

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131410.D
 Acq On : 25 Nov 2022 22:57
 Operator : CG\JU
 Sample : N5742-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:13:48 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)

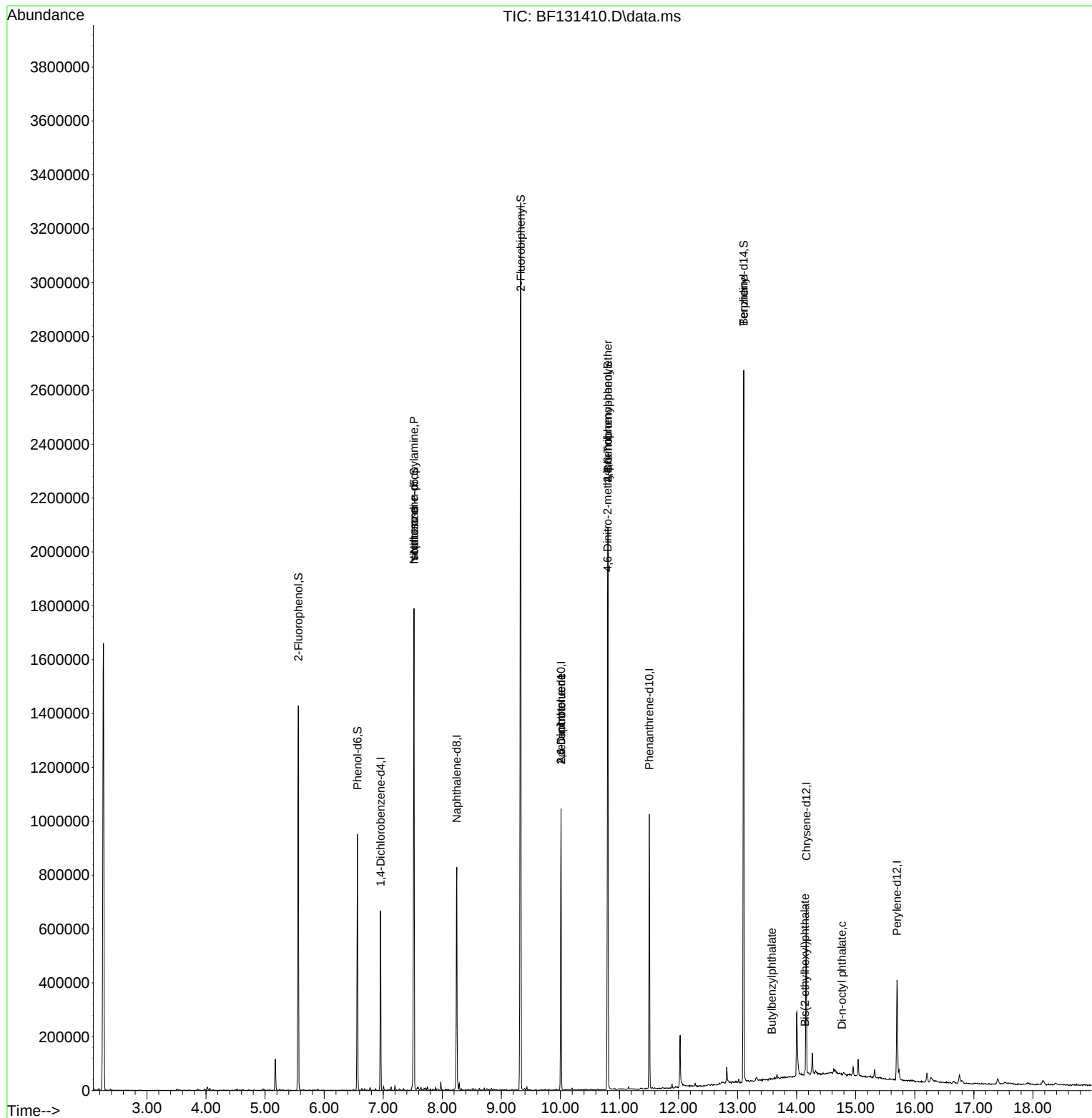
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	93158	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	346335	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	200016	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	349364	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	209169	20.000	ng	-0.01
86) Perylene-d12	15.698	264	180191	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	324417	66.278	ng	0.00
7) Phenol-d6	6.563	99	255513	40.914	ng	-0.02
23) Nitrobenzene-d5	7.522	82	537553	78.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	242304	143.993	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	999341	72.687	ng	0.00
79) Terphenyl-d14	13.104	244	976081	76.309	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	136	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.522	70	75572	16.530	ng	# 71
25) Isophorone	7.522	82	535791	43.711	ng	# 68
51) 2,6-Dinitrotoluene	10.010	165	25396	9.112	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	25396	7.242	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	621	5.038	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	16651	3.889	ng	# 1
77) Benzidine	13.104	184	13304	3.443	ng	# 93
80) Butylbenzylphthalate	13.580	149	442	4.209	ng	# 21
84) Bis(2-ethylhexyl)phtha...	14.139	149	2886	4.072	ng	# 94
85) Di-n-octyl phthalate	14.768	149	658	3.966	ng	# 1

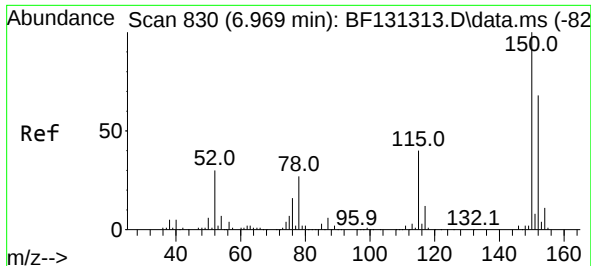
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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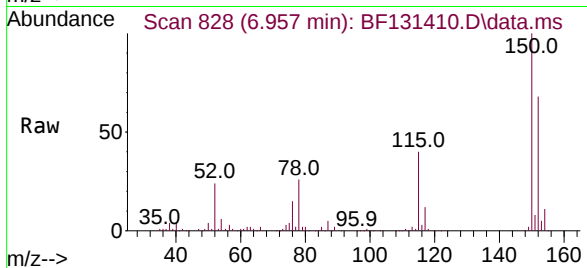
Quant Time: Nov 26 00:13:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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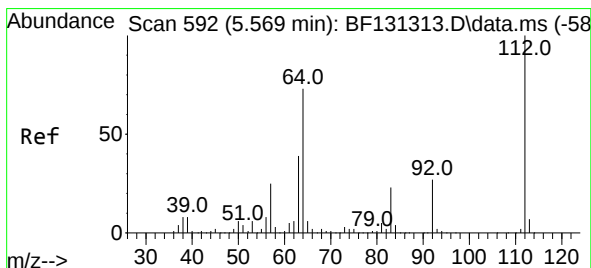
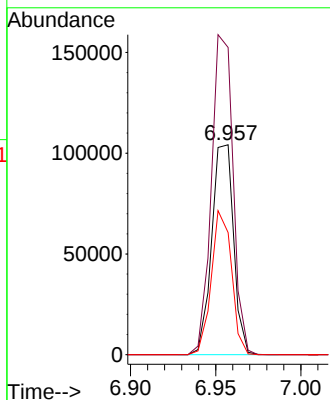
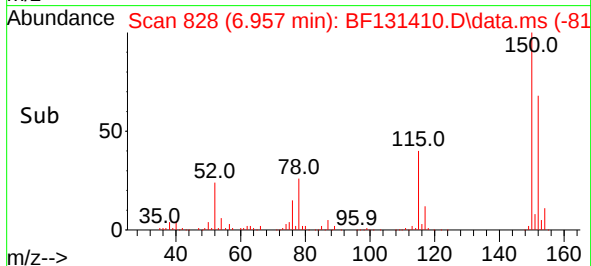


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

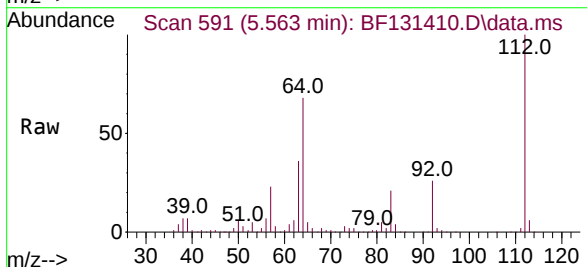
Instrument :
BNA_F
ClientSampleId :



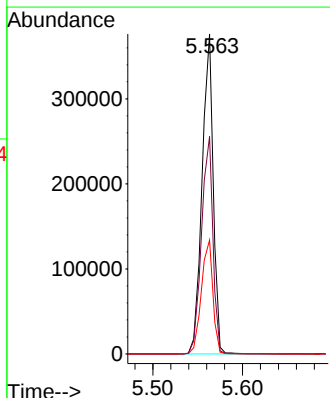
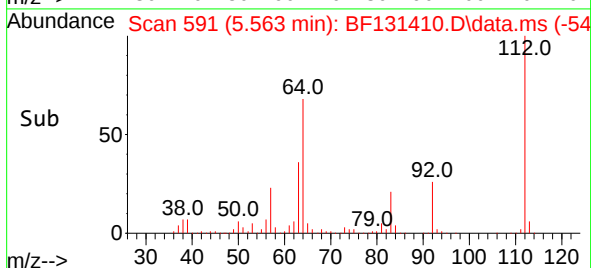
Tgt Ion:152 Resp: 93158
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 58.2 47.1 70.7

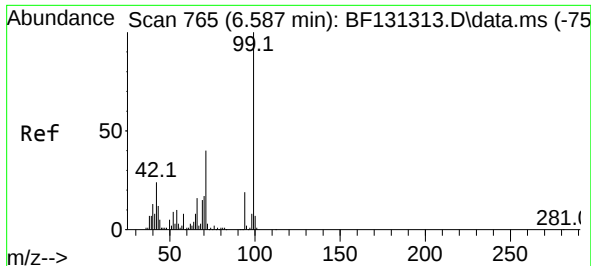


#5
2-Fluorophenol
Concen: 66.278 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57



Tgt Ion:112 Resp: 324417
Ion Ratio Lower Upper
112 100
64 67.9 58.6 88.0
63 35.6 31.4 47.0

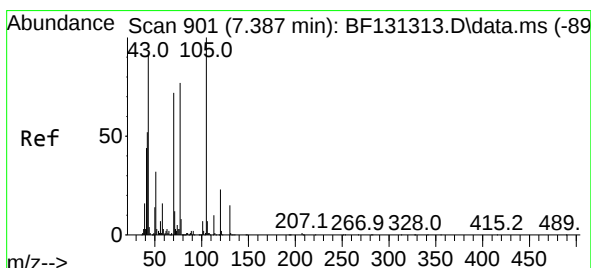
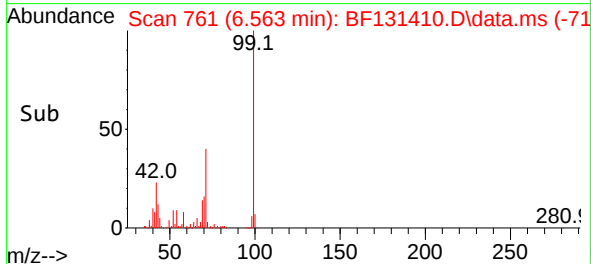
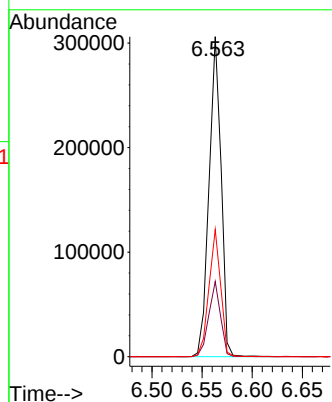
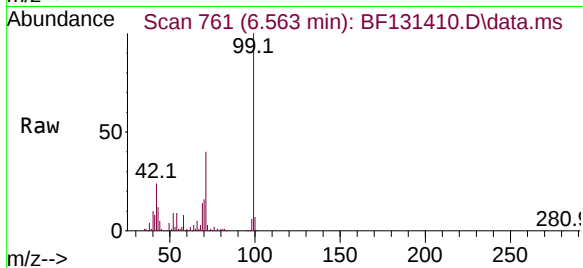




#7
Phenol-d6
Concen: 40.914 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

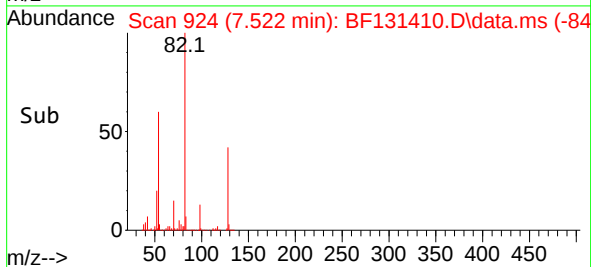
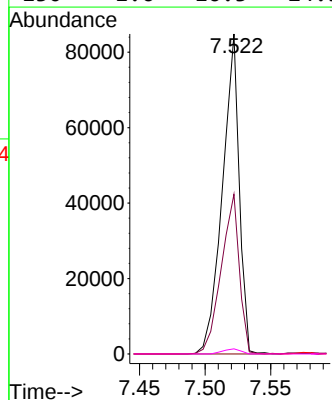
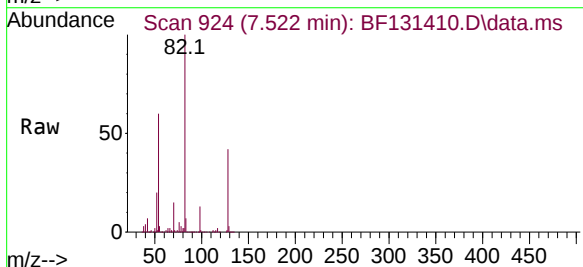
Instrument :
BNA_F
ClientSampleId :

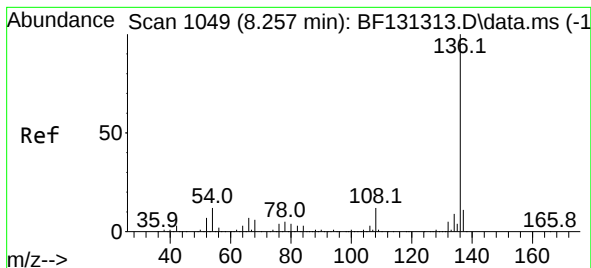
Tgt Ion: 99 Resp: 255513
Ion Ratio Lower Upper
99 100
42 23.5 19.4 29.2
71 39.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.530 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion: 70 Resp: 75572
Ion Ratio Lower Upper
70 100
42 49.9 57.6 86.4#
101 0.0 8.2 12.2#
130 1.6 16.3 24.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1049

Delta R.T. -0.006 min

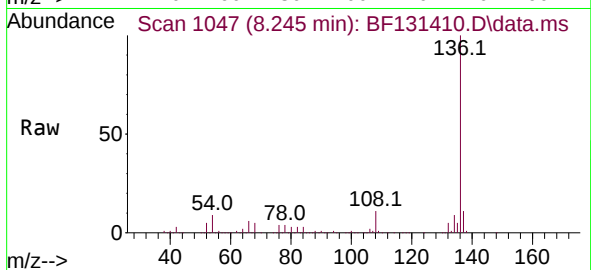
Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 346335

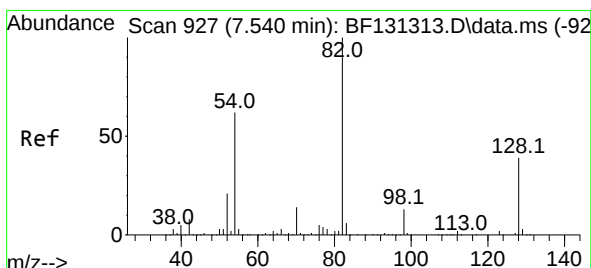
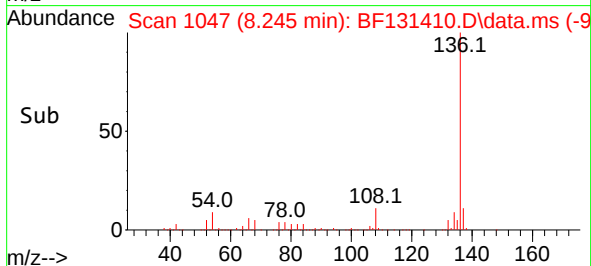
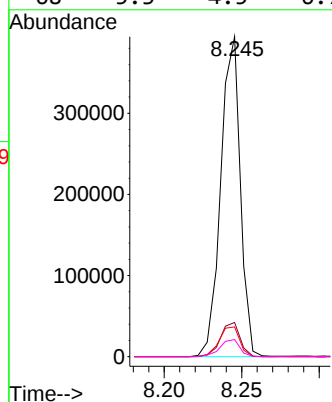
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 9.3 9.4 14.0

68 5.3 4.5 6.7



#23

Nitrobenzene-d5

Concen: 78.240 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.012 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

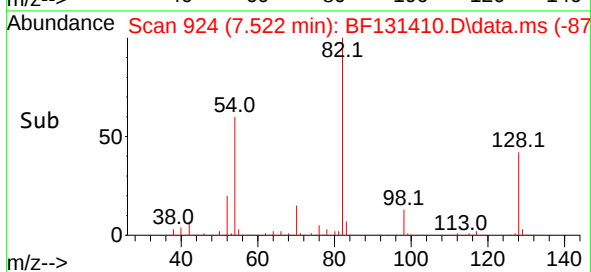
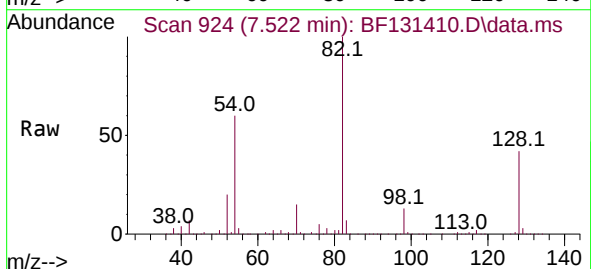
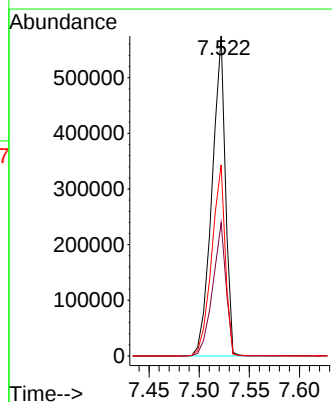
Tgt Ion: 82 Resp: 537553

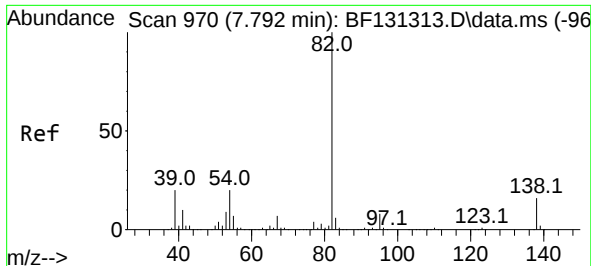
Ion Ratio Lower Upper

82 100

128 41.7 31.4 47.0

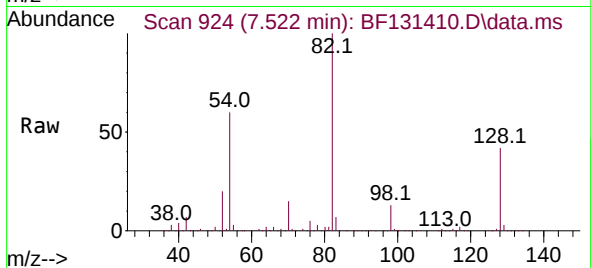
54 59.7 49.8 74.6



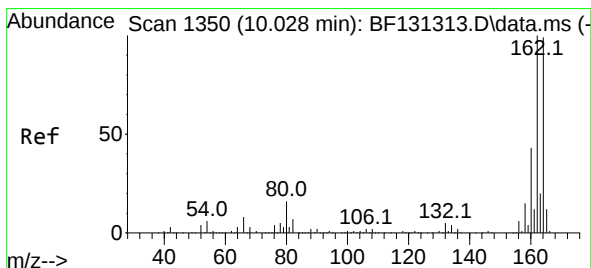
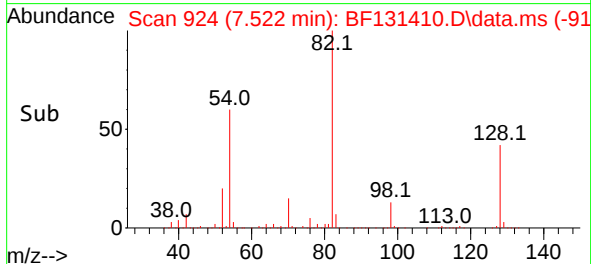
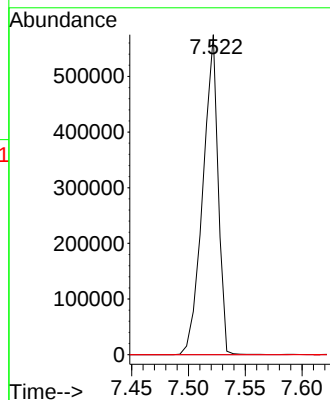


#25
Isophorone
Concen: 43.711 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Instrument :
BNA_F
ClientSampleId :

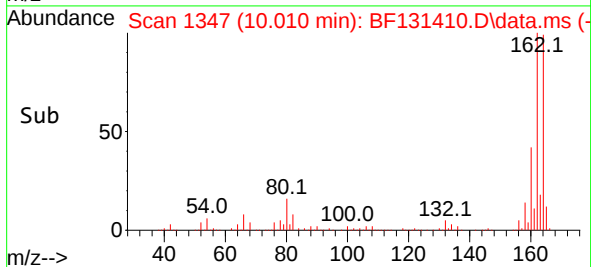
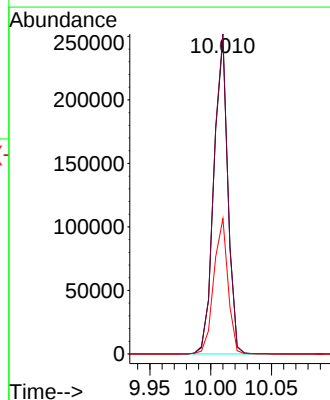
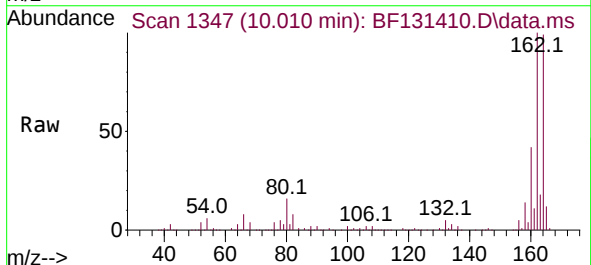


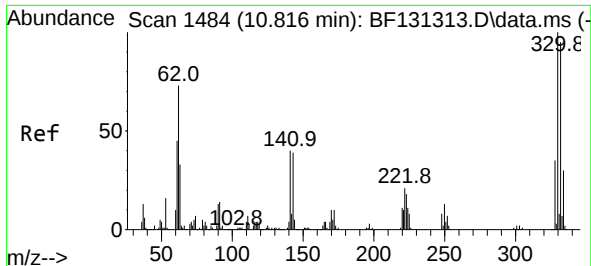
Tgt Ion: 82 Resp: 535791
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion: 164 Resp: 200016
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 143.993 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.006 min

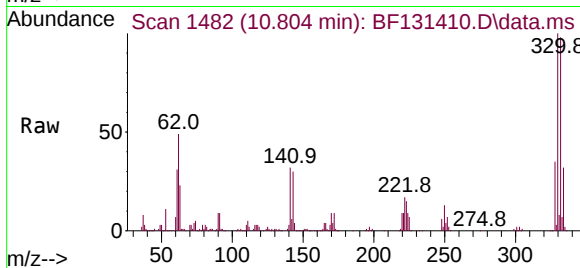
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Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :



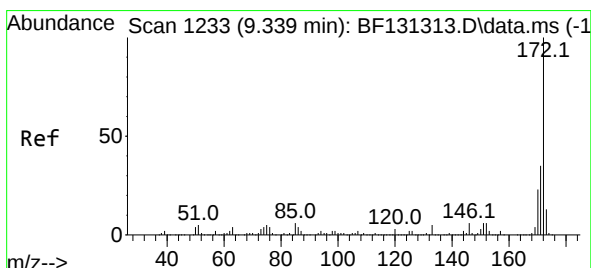
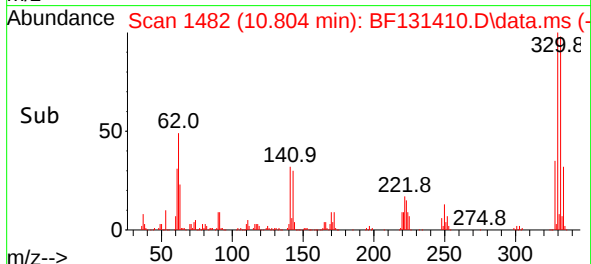
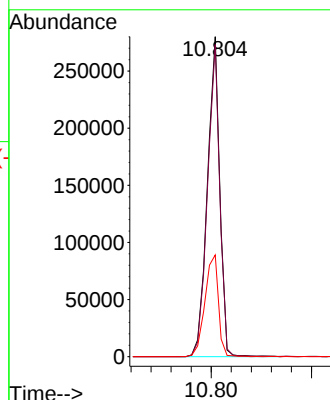
Tgt Ion:330 Resp: 242304

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

141 34.6 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 72.687 ng

RT: 9.328 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

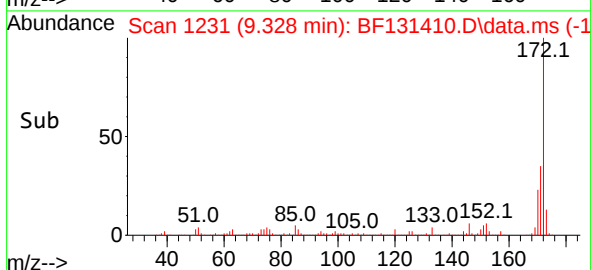
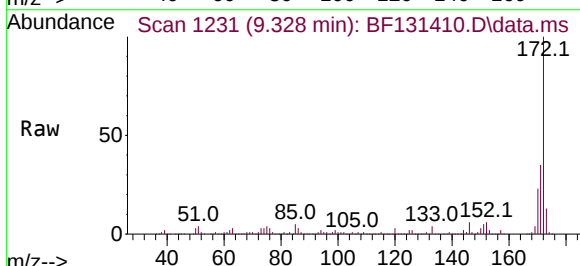
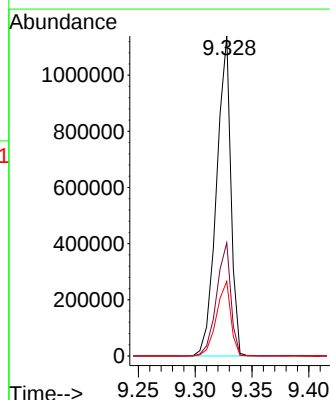
Tgt Ion:172 Resp: 999341

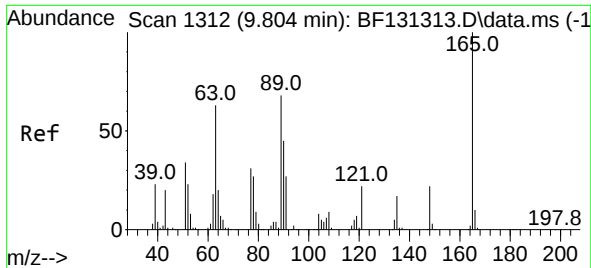
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.7 28.1

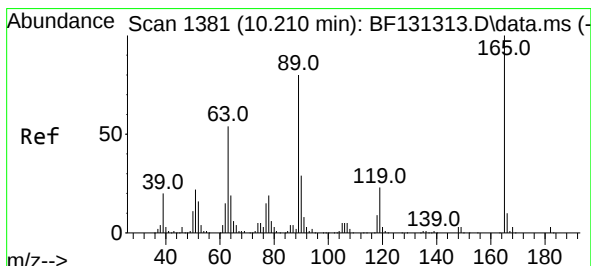
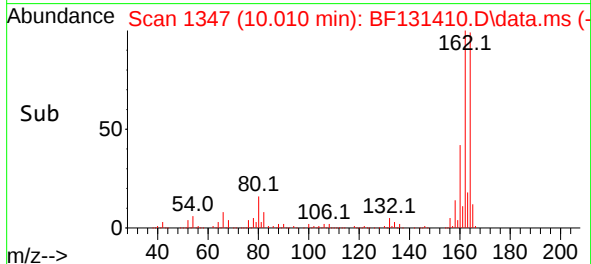
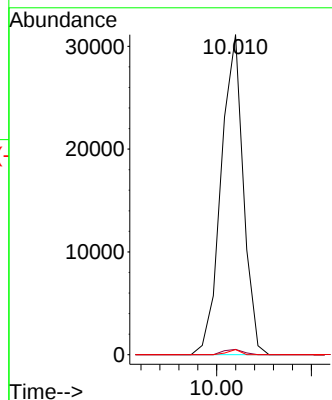
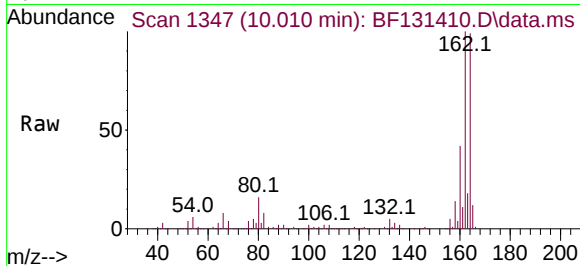




#51
2,6-Dinitrotoluene
Concen: 9.112 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

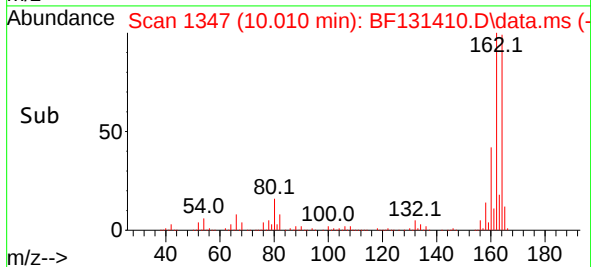
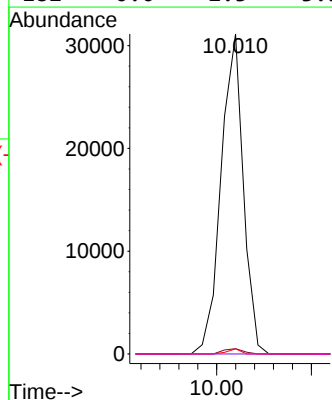
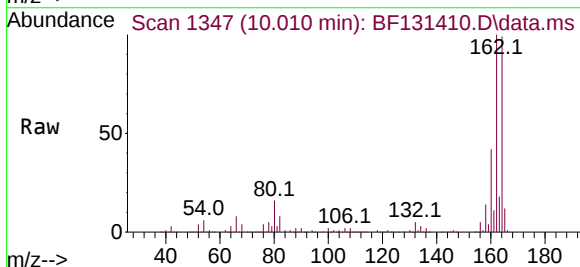
Instrument :
BNA_F
ClientSampleId :

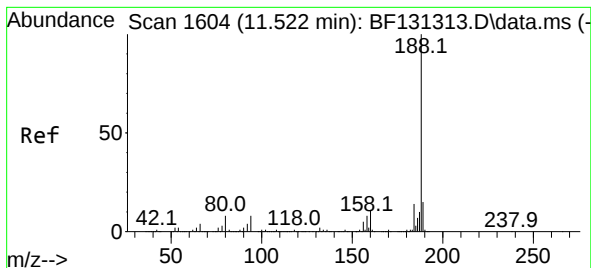
Tgt Ion:165 Resp: 25396
Ion Ratio Lower Upper
165 100
63 1.7 62.0 93.0#
89 1.6 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.242 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:165 Resp: 25396
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :

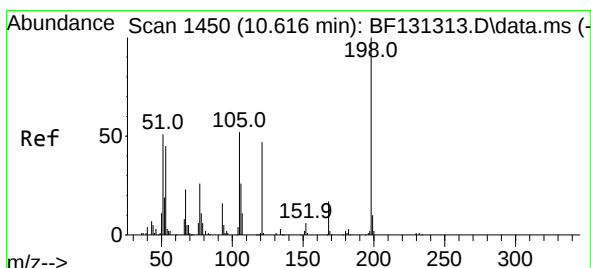
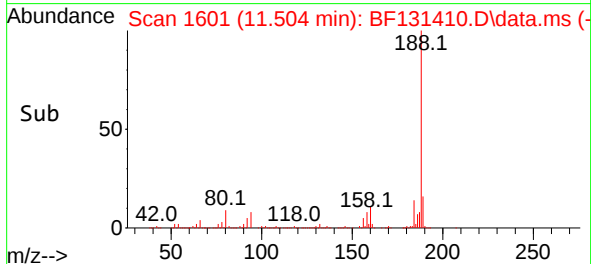
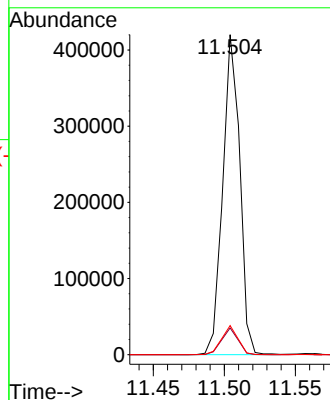
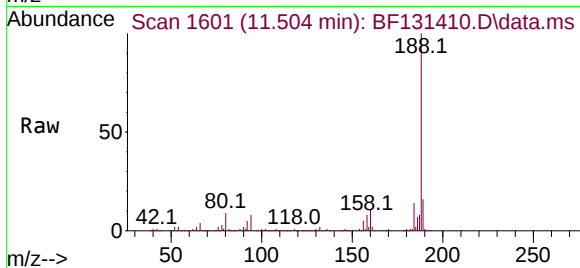
Tgt Ion:188 Resp: 349364

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.1 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.038 ng

RT: 10.798 min Scan# 1481

Delta R.T. 0.188 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

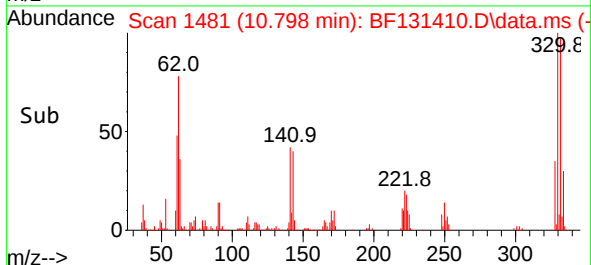
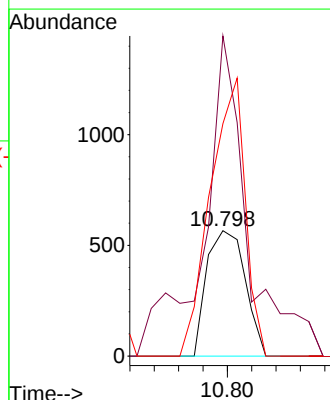
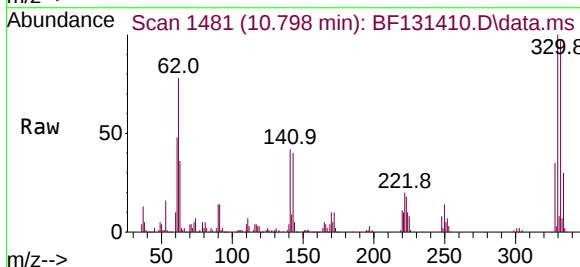
Tgt Ion:198 Resp: 621

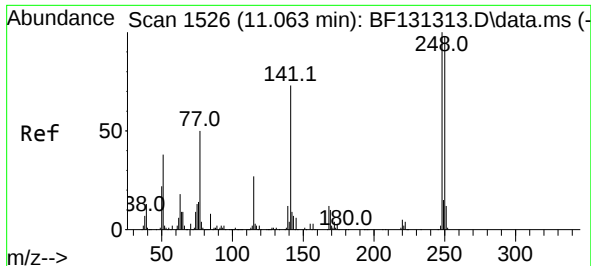
Ion Ratio Lower Upper

198 100

51 255.5 50.1 90.1#

105 185.5 32.5 72.5#

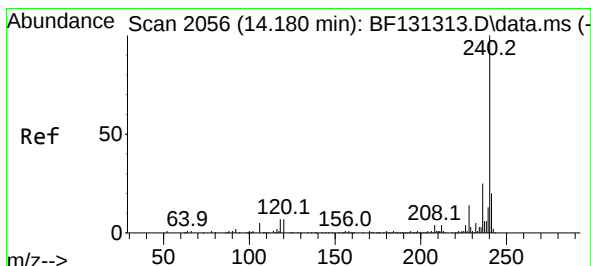
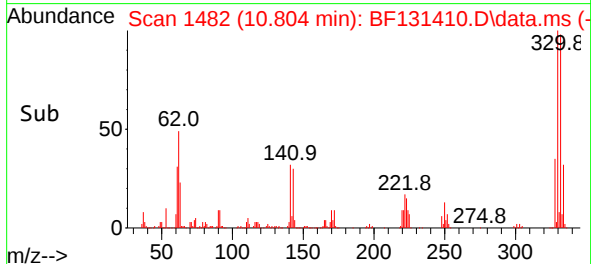
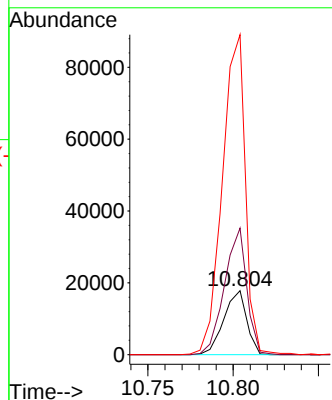
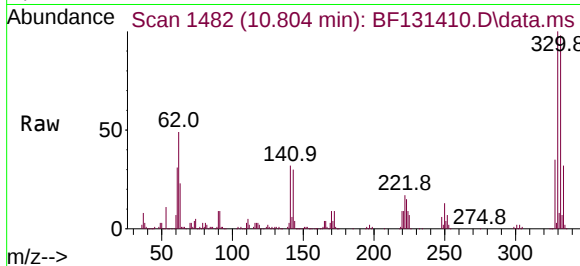




#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 10.804 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

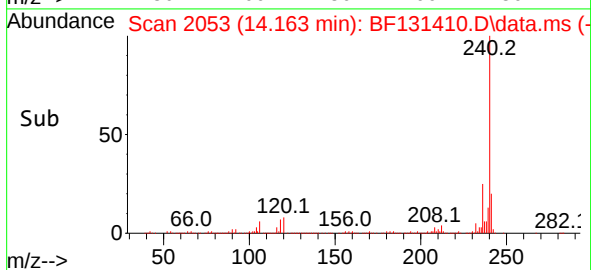
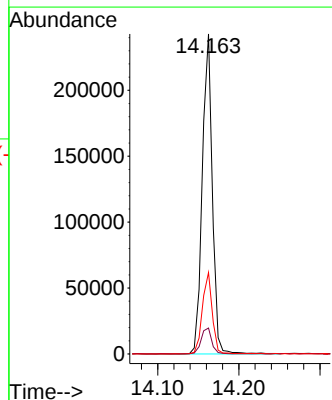
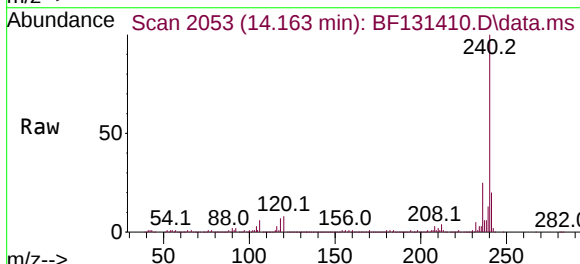
Instrument :
BNA_F
ClientSampleId :

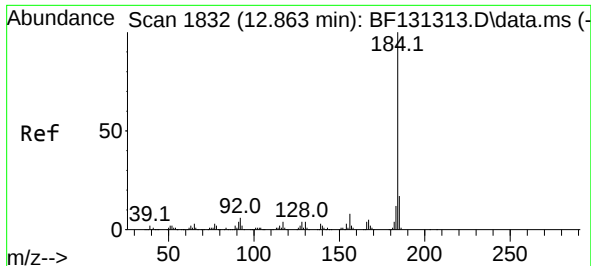
Tgt Ion:248 Resp: 16651
Ion Ratio Lower Upper
248 100
250 198.0 78.3 117.5#
141 500.3 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.163 min Scan# 2053
Delta R.T. -0.012 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:240 Resp: 209169
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 25.5 20.3 30.5

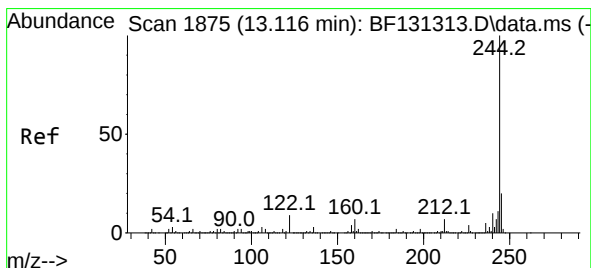
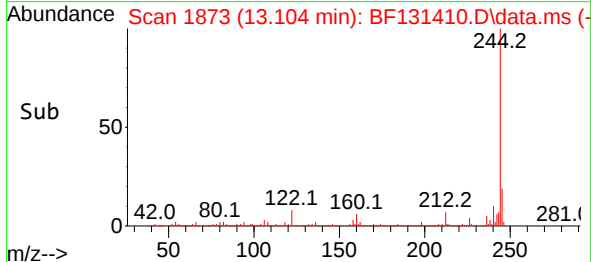
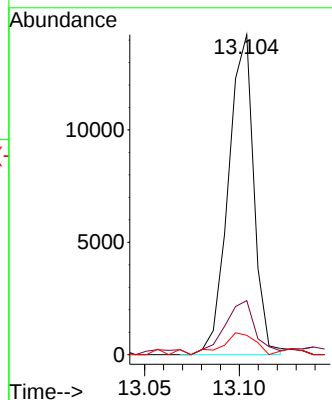
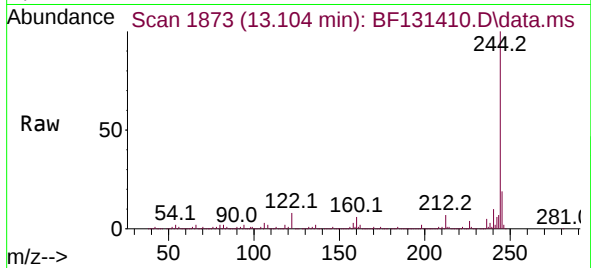




#77
Benzidine
Concen: 3.443 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.247 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

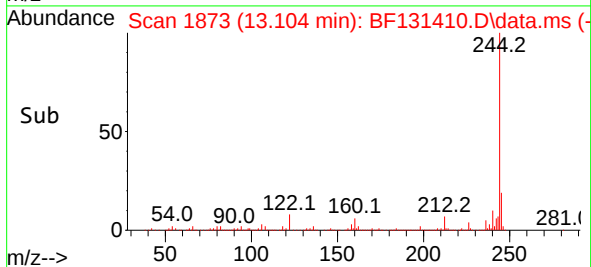
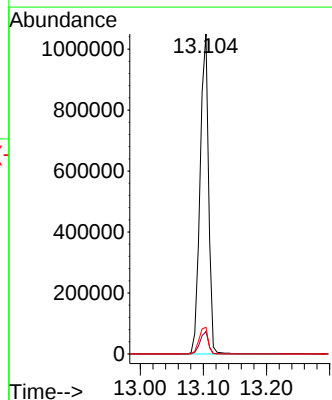
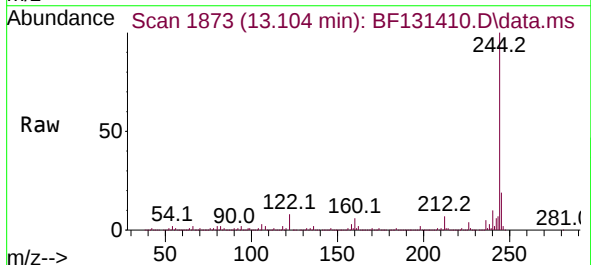
Instrument :
BNA_F
ClientSampleId :

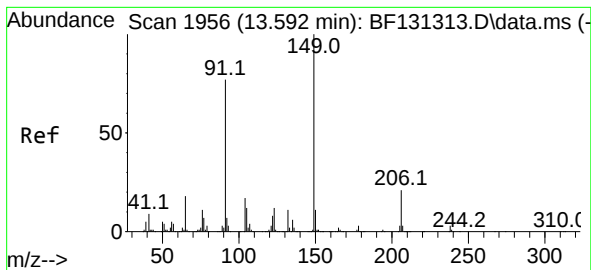
Tgt Ion:184 Resp: 13304
Ion Ratio Lower Upper
184 100
185 16.9 13.8 20.8
183 6.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 76.309 ng
RT: 13.104 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:244 Resp: 976081
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.3 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.209 ng

RT: 13.580 min Scan# 1954

Delta R.T. -0.006 min

Lab File: BF131410.D

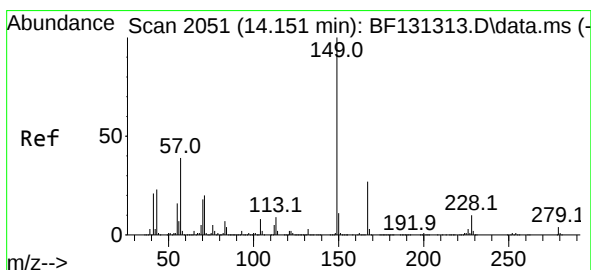
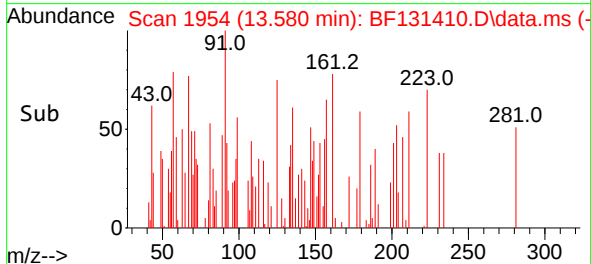
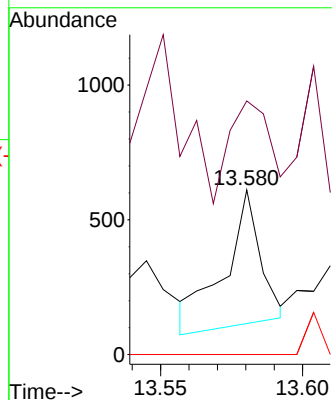
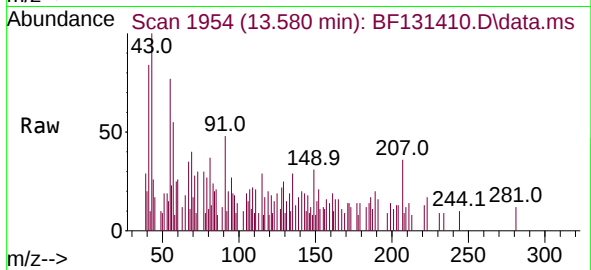
Acq: 25 Nov 2022 22:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	149	Resp:	442
Ion Ratio	Lower	Upper	
149	100		
91	154.0	61.9	92.9#
206	0.0	16.5	24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.072 ng

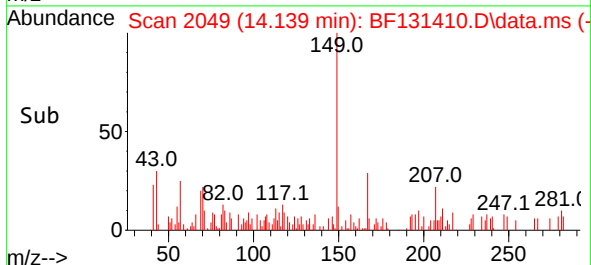
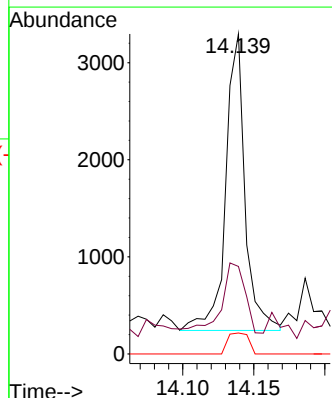
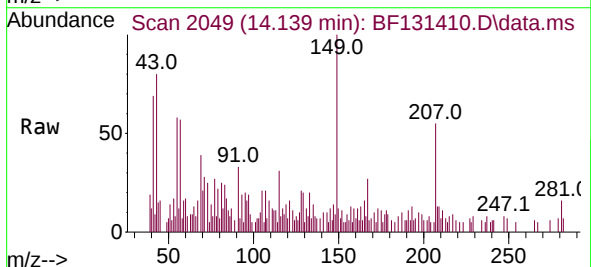
RT: 14.139 min Scan# 2049

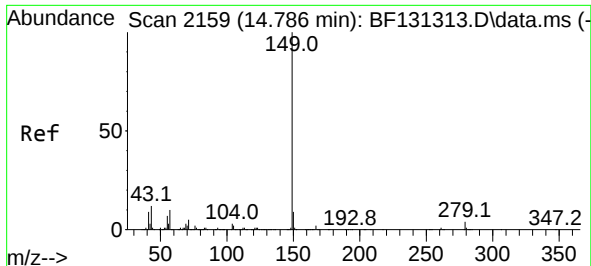
Delta R.T. -0.006 min

Lab File: BF131410.D

Acq: 25 Nov 2022 22:57

Tgt Ion:	149	Resp:	2886
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.9	32.9
279	5.9	3.0	4.4#

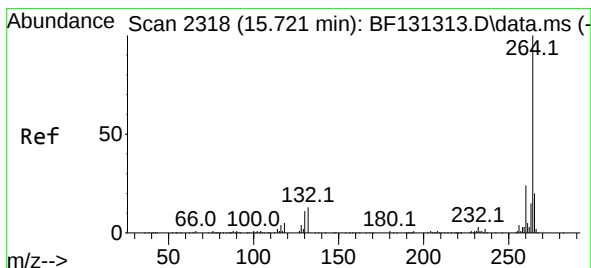
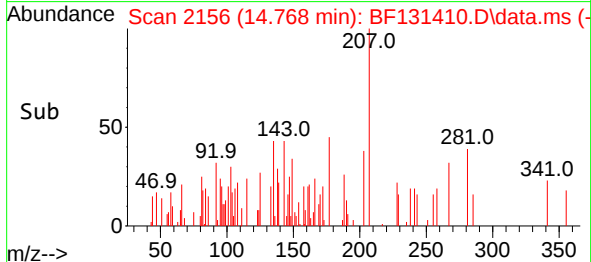
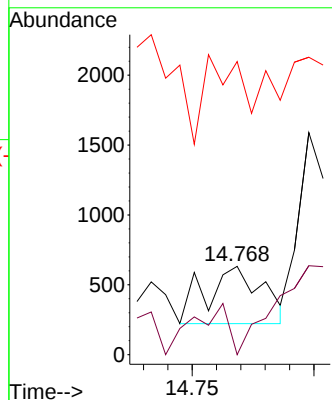
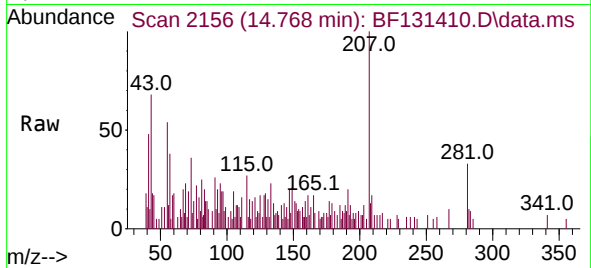




#85
Di-n-octyl phthalate
Concen: 3.966 ng
RT: 14.768 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 658
Ion Ratio Lower Upper
149 100
167 55.5 1.2 1.8#
43 100.6 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.698 min Scan# 2314
Delta R.T. -0.012 min
Lab File: BF131410.D
Acq: 25 Nov 2022 22:57

Tgt Ion:264 Resp: 180191
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.5 16.4 24.6

