

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131437.D
 Acq On : 28 Nov 2022 19:21
 Operator : CG\JU
 Sample : N5752-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-15D

Quant Time: Nov 29 00:58:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 00:18:36 2022
 Response via : Initial Calibration

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

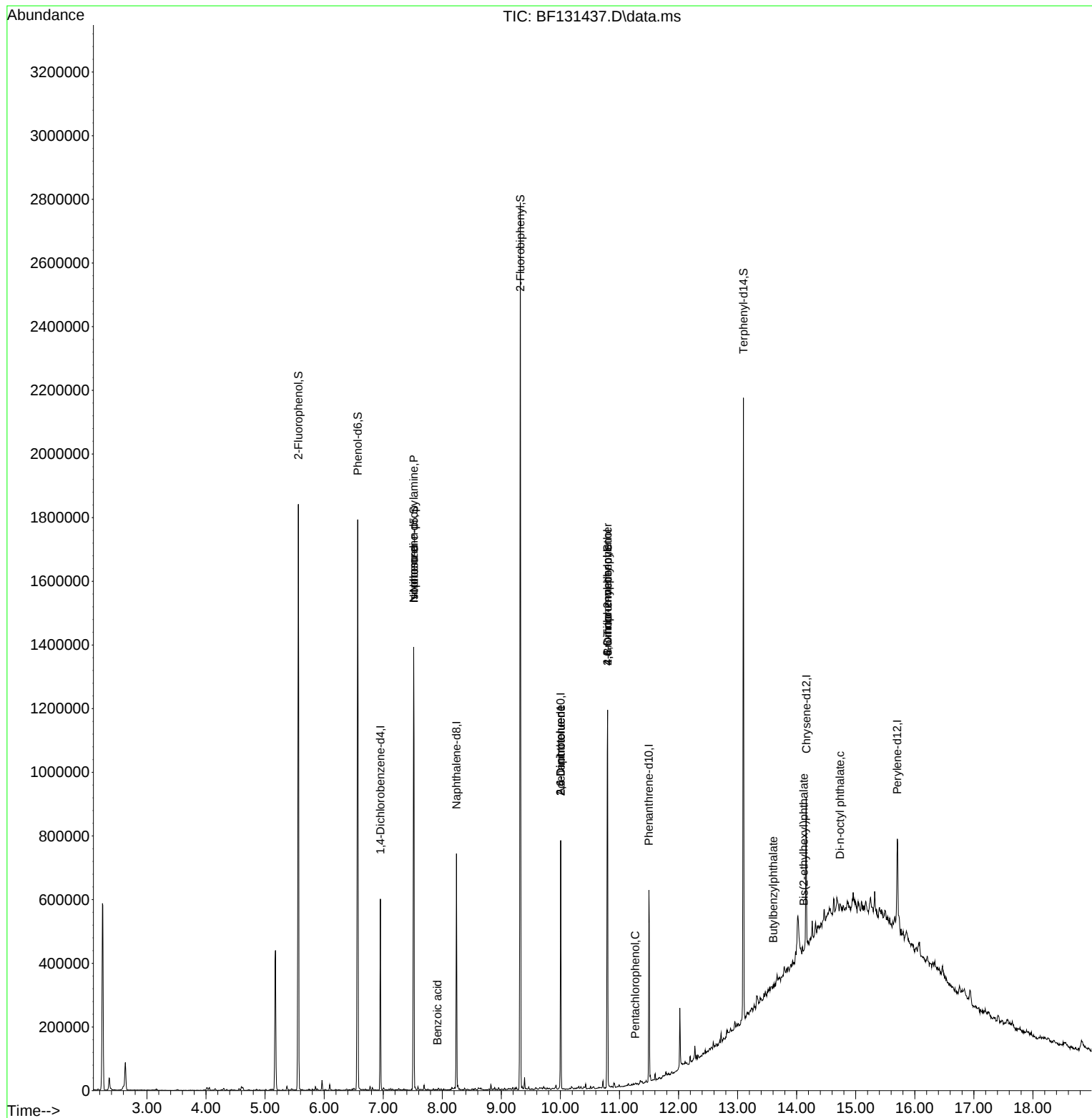
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	74076	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	262603	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	134282	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	213995	20.000	ng	0.00
76) Chrysene-d12	14.163	240	167875	20.000	ng	0.00
86) Perylene-d12	15.704	264	151311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	441573	113.452	ng	0.00
7) Phenol-d6	6.569	99	570819	114.947	ng	0.00
23) Nitrobenzene-d5	7.516	82	430800	82.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	129721	114.825	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	755219	81.821	ng	0.00
79) Terphenyl-d14	13.098	244	645391	62.867	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	462	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.516	70	61008	16.782 ng	#	77
25) Isophorone	7.516	82	430791	46.351 ng	#	68
32) Benzoic acid	7.916	122	143	5.202 ng	#	31
51) 2,6-Dinitrotoluene	10.004	165	17757	9.490 ng	#	15
57) 2,4-Dinitrotoluene	10.004	165	17757	7.543 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.798	198	422	5.089 ng	#	1
67) 4-Bromophenyl-phenylether	10.798	248	8666	3.304 ng	#	1
70) Pentachlorophenol	11.269	266	293	5.048 ng	#	8
80) Butylbenzylphthalate	13.604	149	319	4.202 ng	#	52
84) Bis(2-ethylhexyl)phtha...	14.121	149	1395	3.943 ng	#	95
85) Di-n-octyl phthalate	14.733	149	890	4.010 ng	#	1

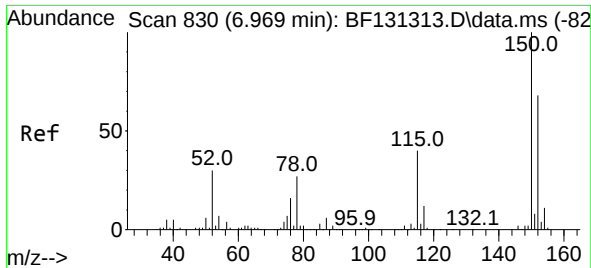
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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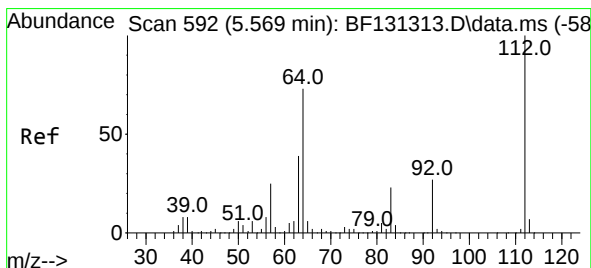
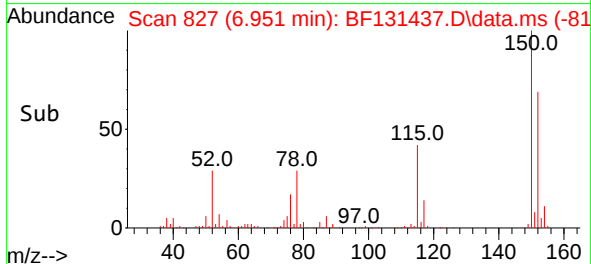
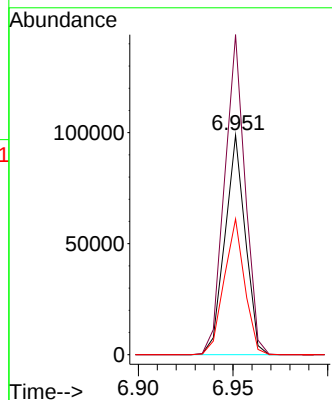
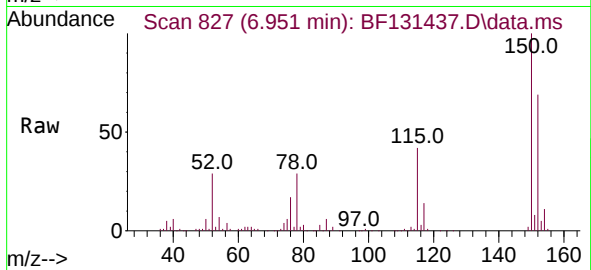




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

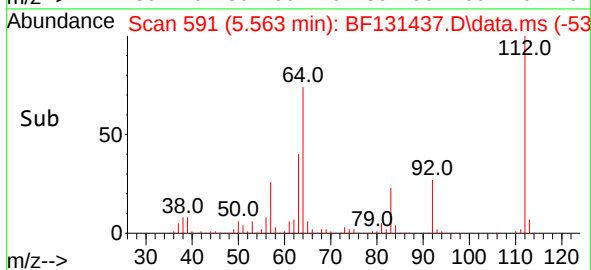
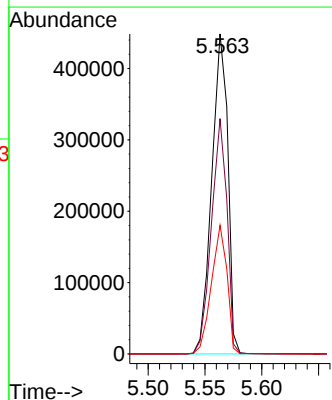
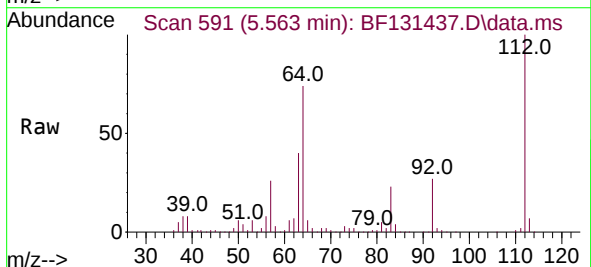
Instrument :
 BNA_F
 ClientSampleId :
 B-15D

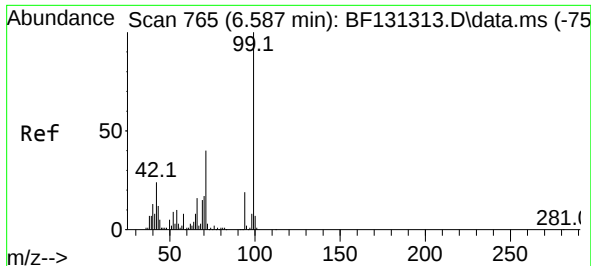
Tgt Ion:152 Resp: 74076
 Ion Ratio Lower Upper
 152 100
 150 145.7 117.8 176.8
 115 61.8 47.1 70.7



#5
 2-Fluorophenol
 Concen: 113.452 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

Tgt Ion:112 Resp: 441573
 Ion Ratio Lower Upper
 112 100
 64 73.5 58.6 88.0
 63 40.2 31.4 47.0

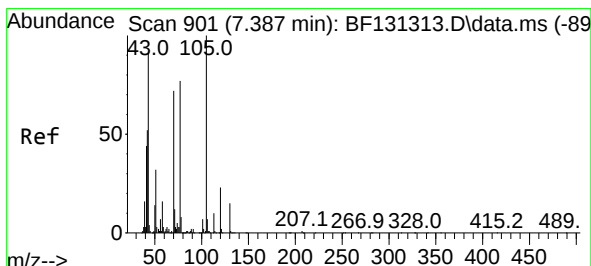
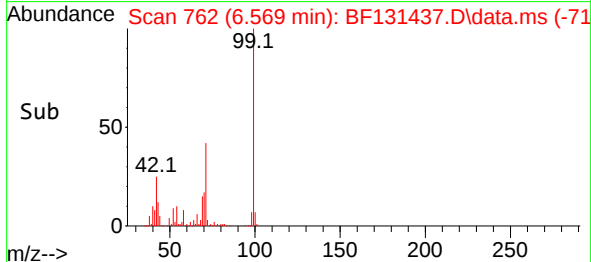
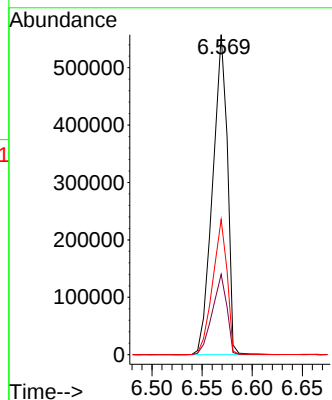
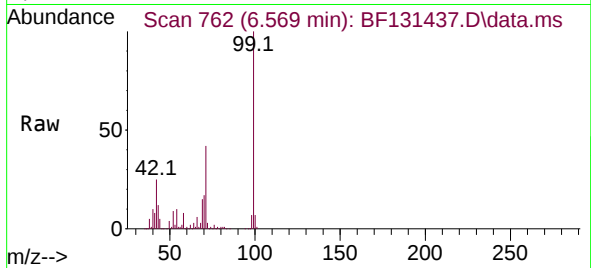




#7
Phenol-d6
Concen: 114.947 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

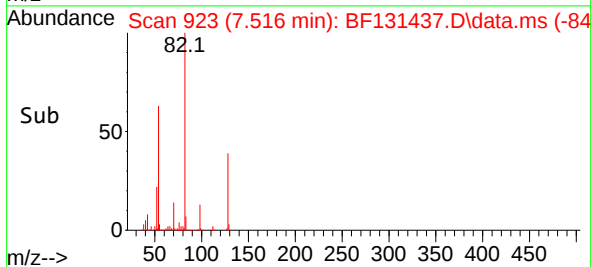
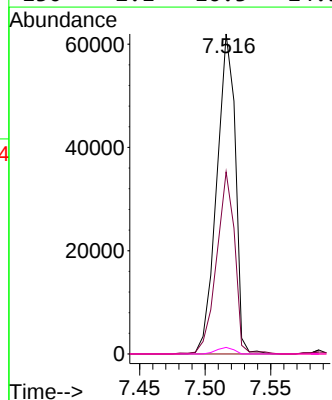
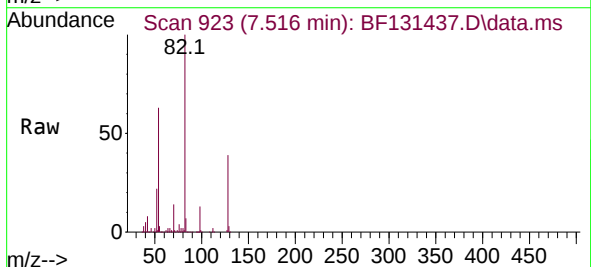
Instrument :
BNA_F
ClientSampleId :
B-15D

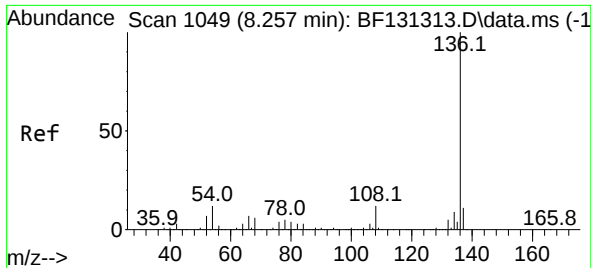
Tgt Ion: 99 Resp: 570819
Ion Ratio Lower Upper
99 100
42 25.1 19.4 29.2
71 42.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.782 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Tgt Ion: 70 Resp: 61008
Ion Ratio Lower Upper
70 100
42 56.9 57.6 86.4#
101 0.0 8.2 12.2#
130 2.1 16.3 24.5#



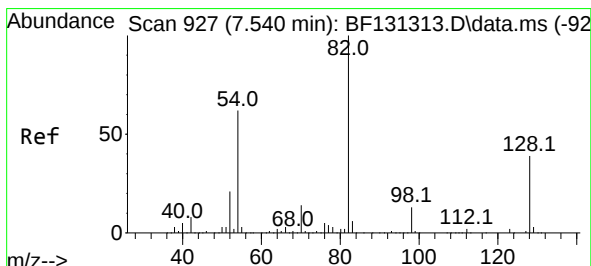
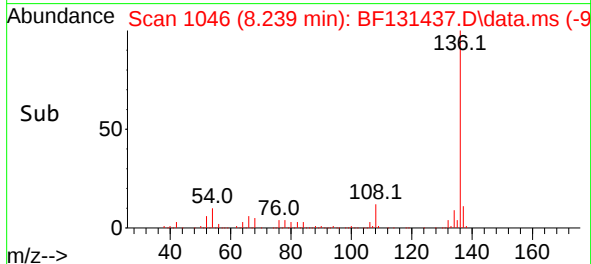
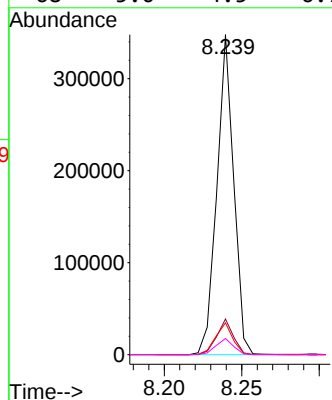
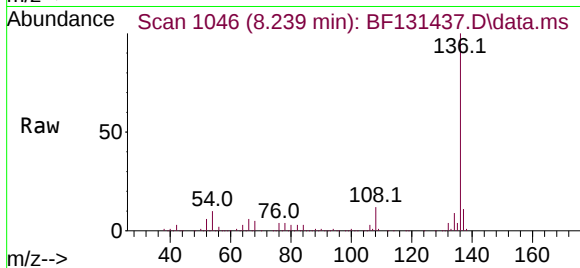


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Instrument :
BNA_F
ClientSampleId :
B-15D

Tgt Ion:136 Resp: 262603

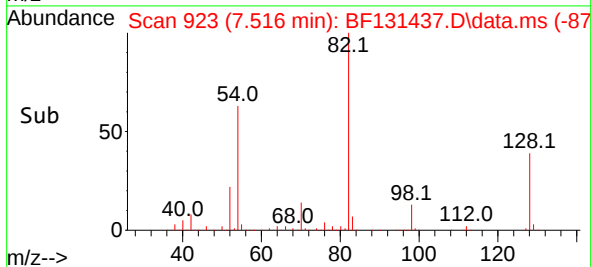
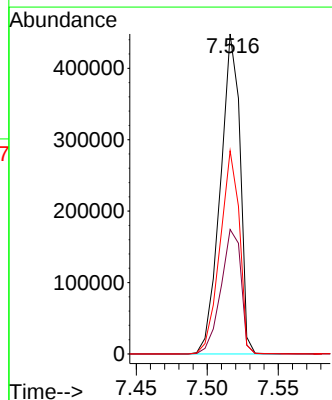
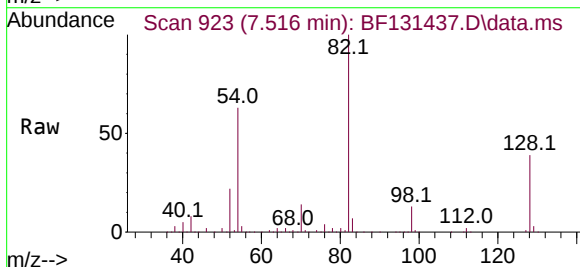
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.0	9.4	14.0
68	5.0	4.5	6.7

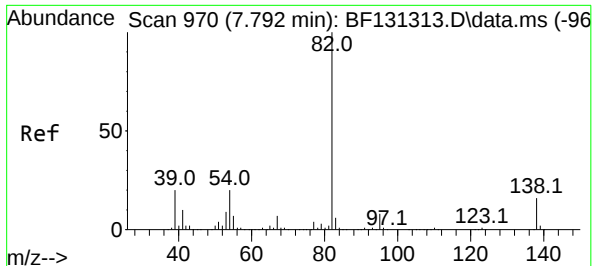


#23
Nitrobenzene-d5
Concen: 82.695 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Tgt Ion: 82 Resp: 430800

Ion	Ratio	Lower	Upper
82	100		
128	38.9	31.4	47.0
54	63.5	49.8	74.6

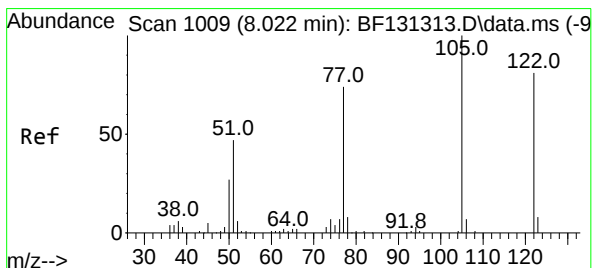
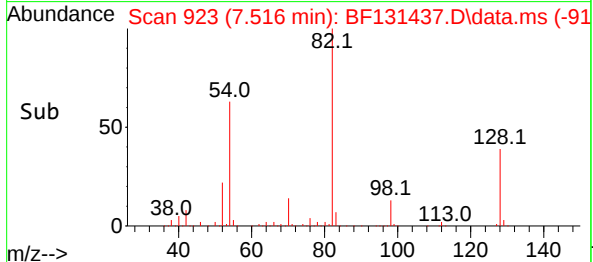
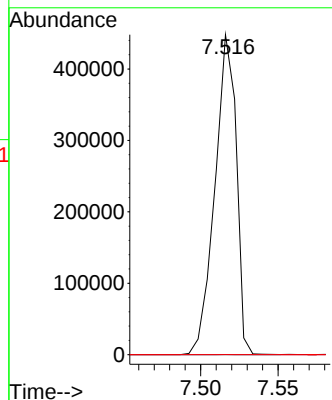
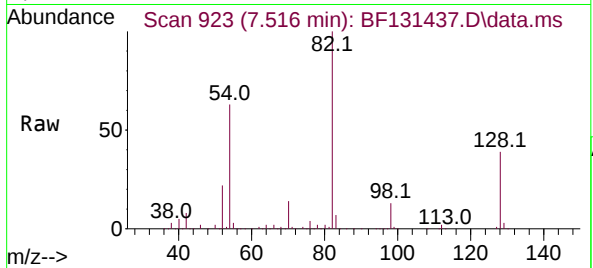




#25
Isophorone
Concen: 46.351 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

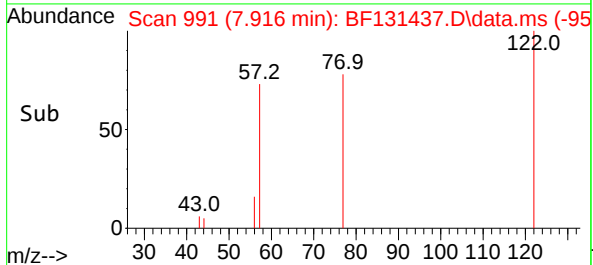
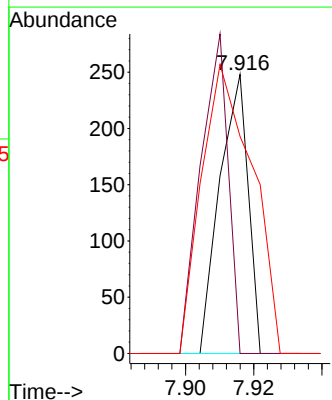
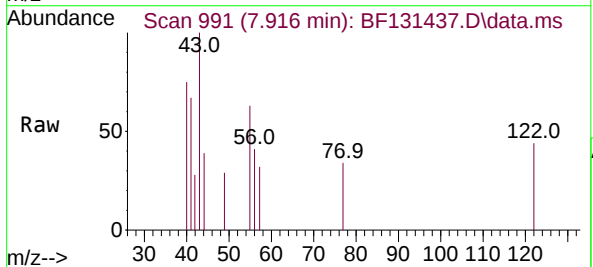
Instrument :
BNA_F
ClientSampleId :
B-15D

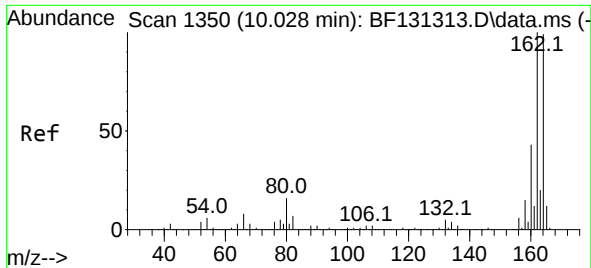
Tgt Ion: 82 Resp: 430791
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.202 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.088 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Tgt Ion: 122 Resp: 143
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 77.8 74.3 114.3

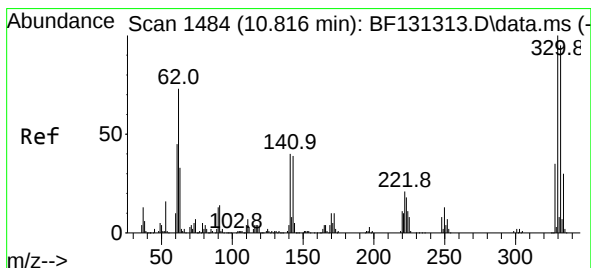
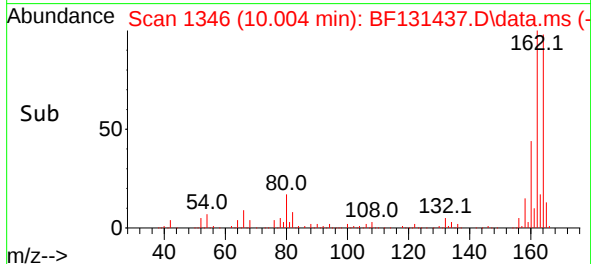
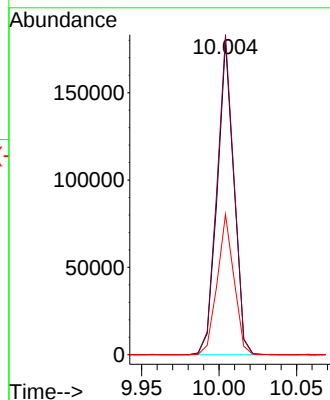
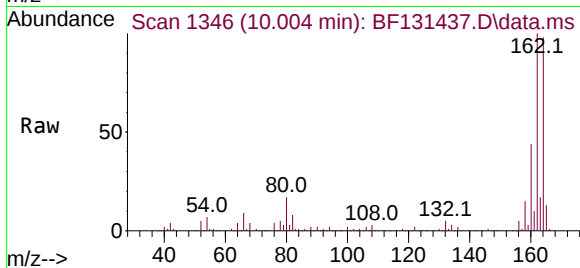




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

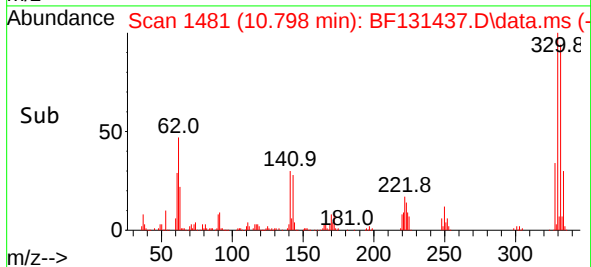
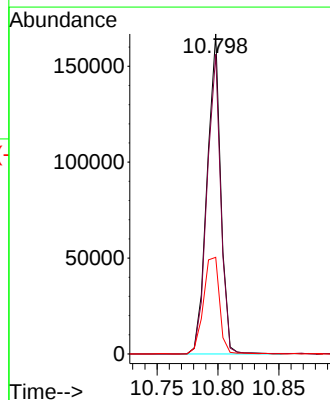
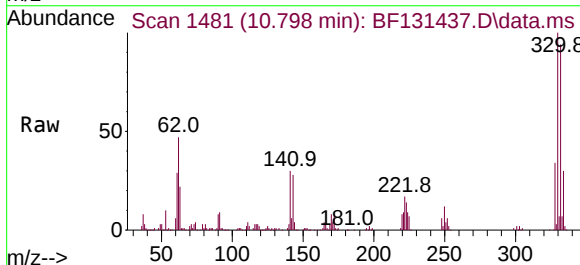
Instrument :
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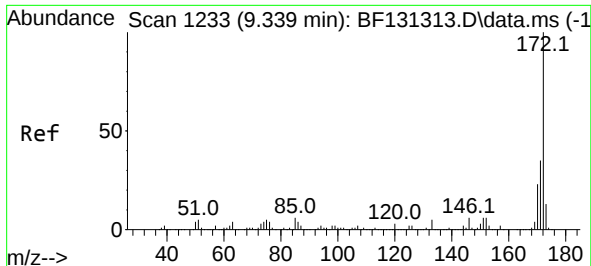
Tgt Ion:164 Resp: 134282
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.8 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 114.825 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Tgt Ion:330 Resp: 129721
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 35.9 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 81.821 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

Instrument :

BNA_F

ClientSampleId :

B-15D

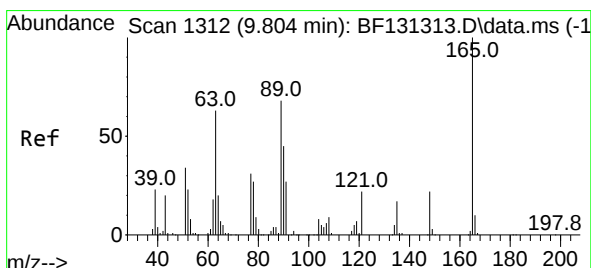
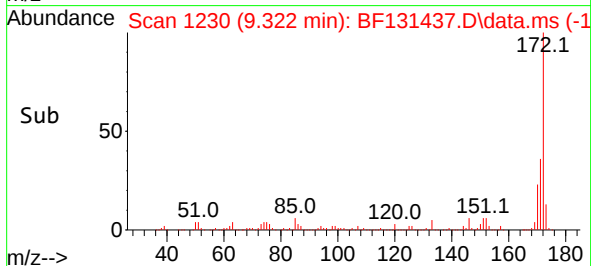
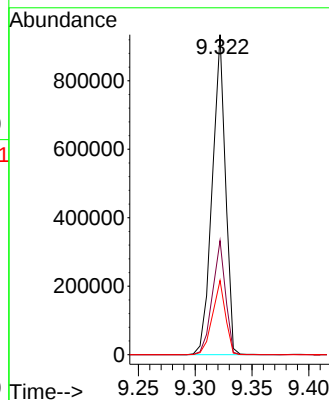
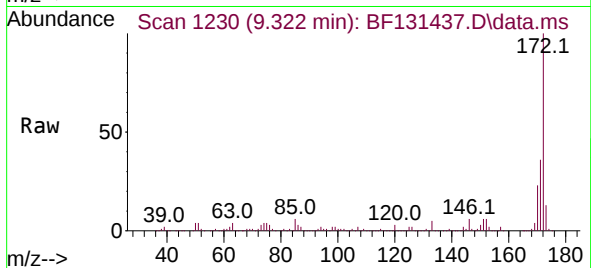
Tgt Ion:172 Resp: 755219

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.2 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.490 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

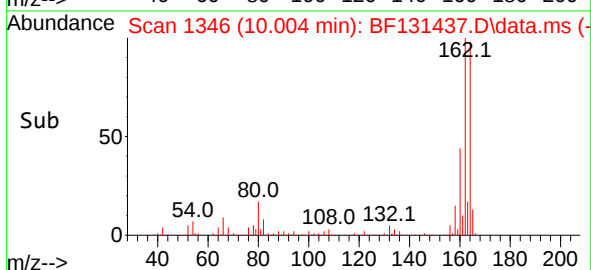
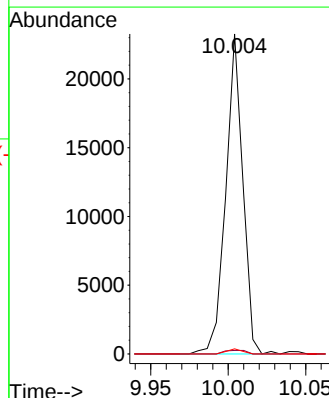
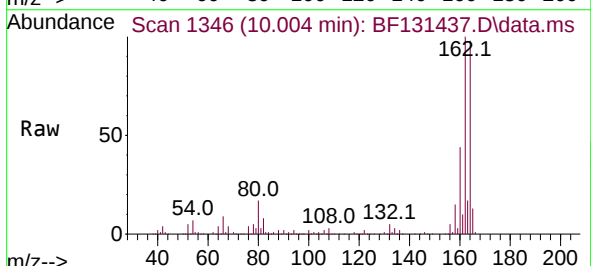
Tgt Ion:165 Resp: 17757

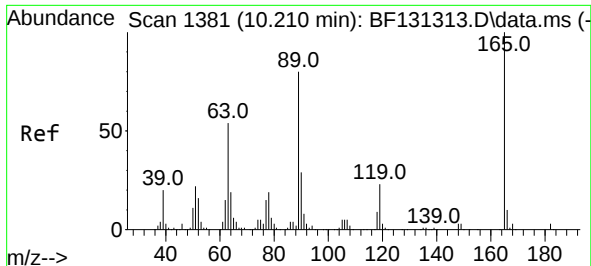
Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 1.6 54.4 81.6#

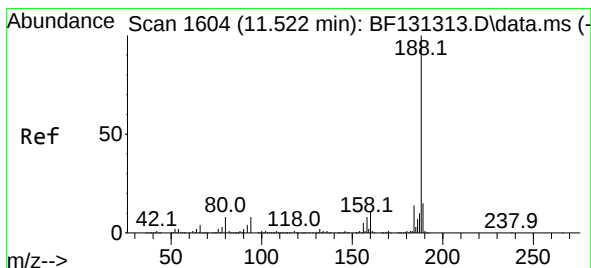
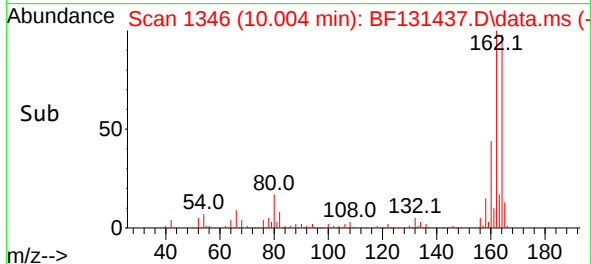
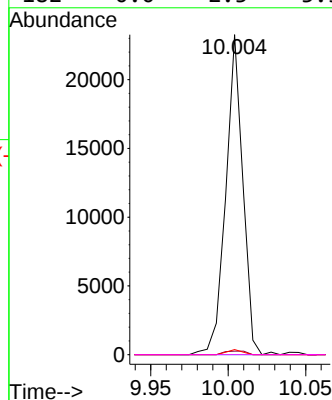
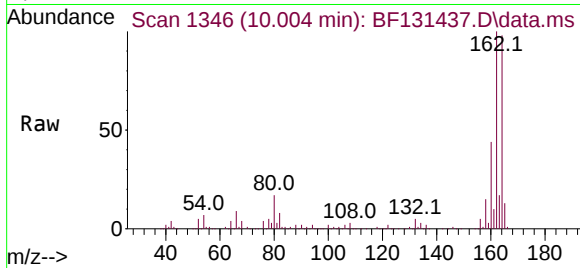




#57
2,4-Dinitrotoluene
Concen: 7.543 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

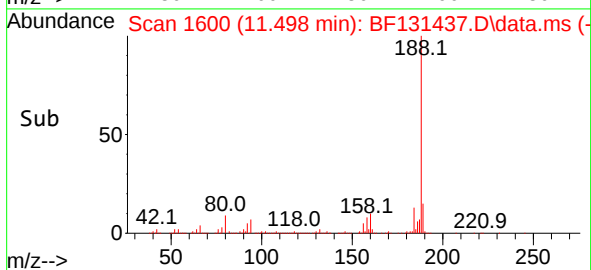
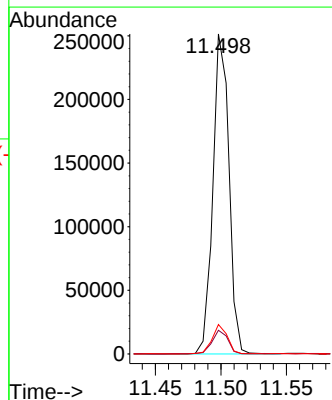
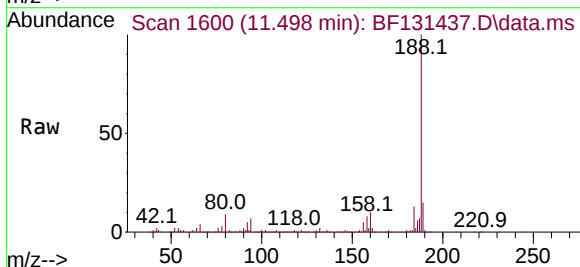
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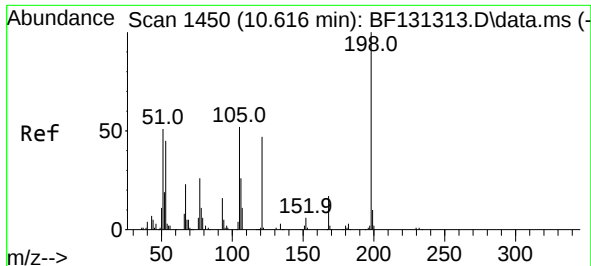
Tgt Ion:165 Resp: 17757
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131437.D
Acq: 28 Nov 2022 19:21

Tgt Ion:188 Resp: 213995
Ion Ratio Lower Upper
188 100
94 7.4 6.3 9.5
80 9.2 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.089 ng

RT: 10.798 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

Instrument :

BNA_F

ClientSampleId :

B-15D

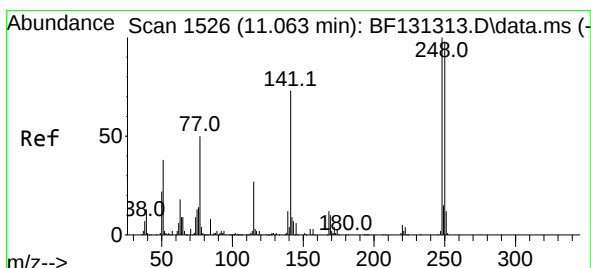
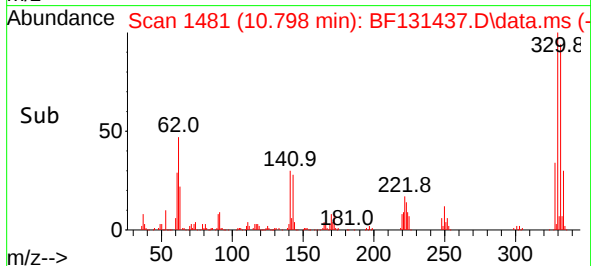
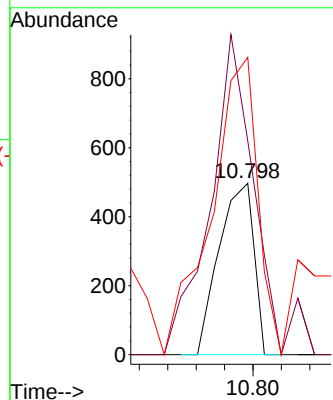
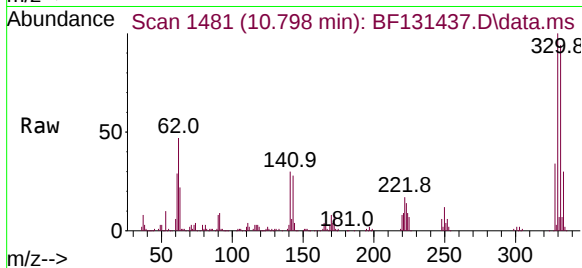
Tgt Ion:198 Resp: 422

Ion Ratio Lower Upper

198 100

51 124.7 50.1 90.1#

105 173.4 32.5 72.5#



#67

4-Bromophenyl-phenylether

Concen: 3.304 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.247 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

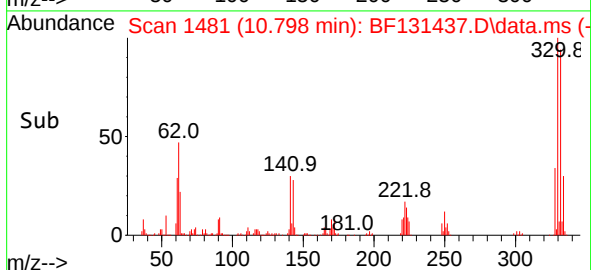
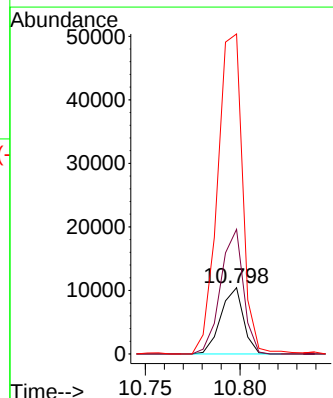
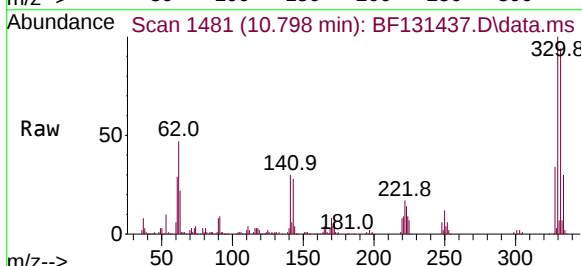
Tgt Ion:248 Resp: 8666

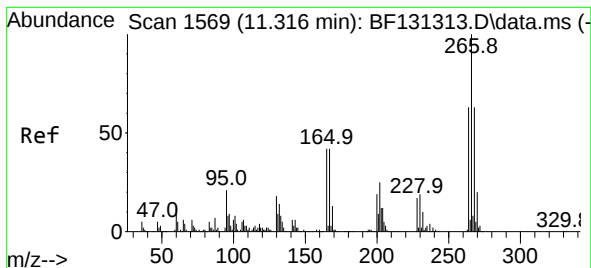
Ion Ratio Lower Upper

248 100

250 188.4 78.3 117.5#

141 483.4 58.0 87.0#





#70

Pentachlorophenol

Concen: 5.048 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.035 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

Instrument :

BNA_F

ClientSampleId :

B-15D

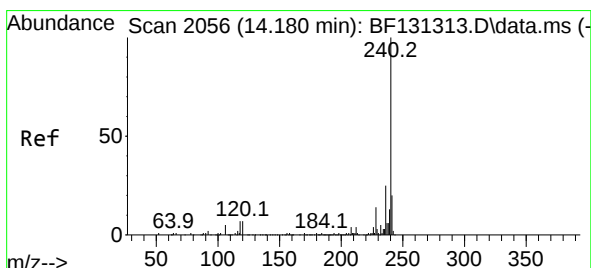
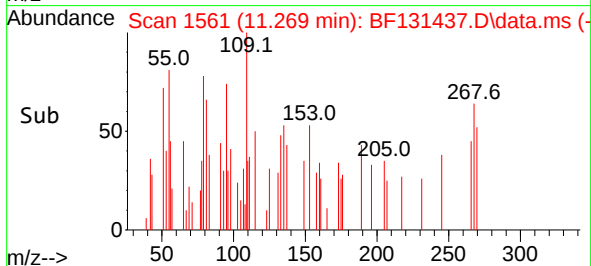
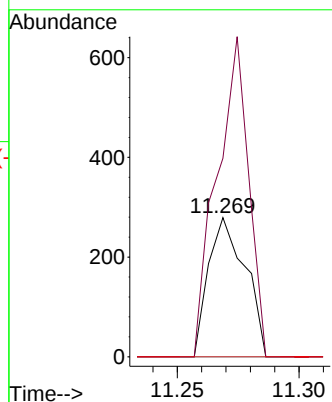
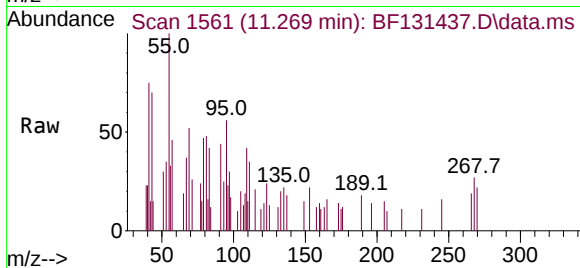
Tgt Ion:266 Resp: 293

Ion Ratio Lower Upper

266 100

268 142.7 50.6 75.8#

264 0.0 50.4 75.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BF131437.D

Acq: 28 Nov 2022 19:21

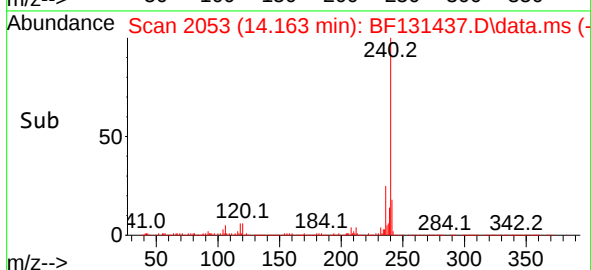
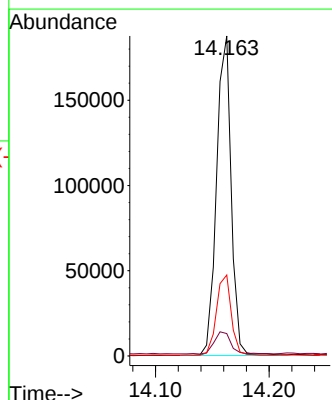
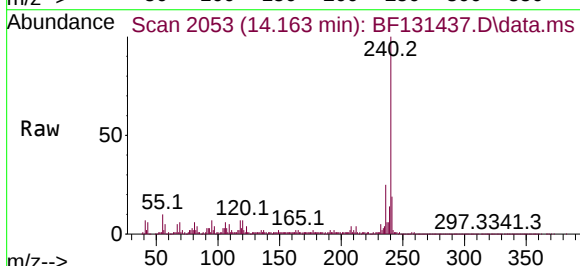
Tgt Ion:240 Resp: 167875

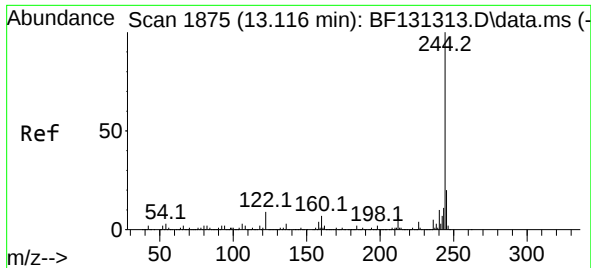
Ion Ratio Lower Upper

240 100

120 7.0 5.8 8.8

236 25.3 20.3 30.5

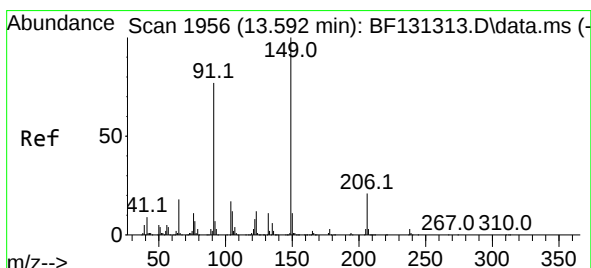
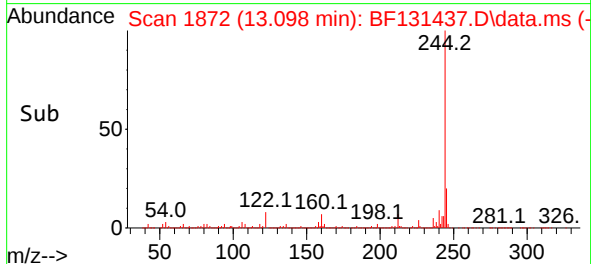
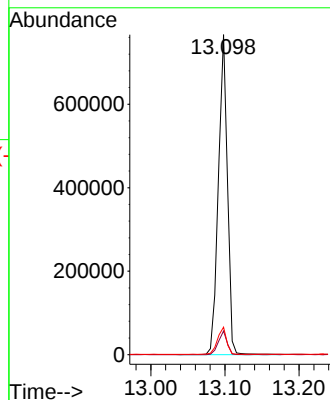
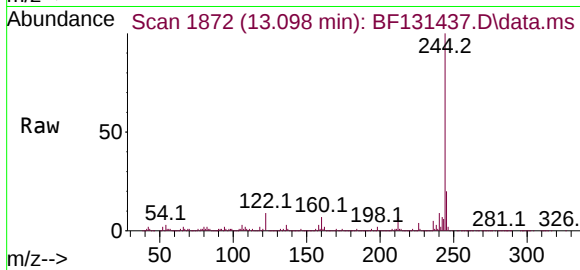




#79
 Terphenyl-d14
 Concen: 62.867 ng
 RT: 13.098 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

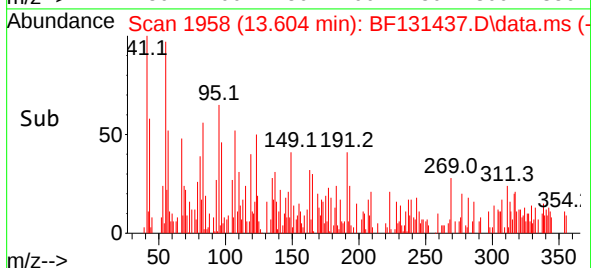
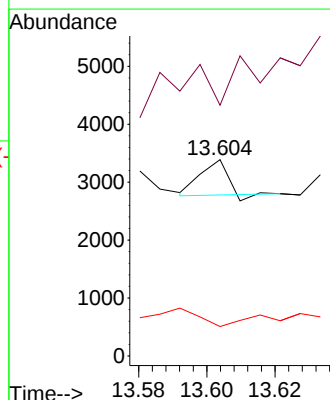
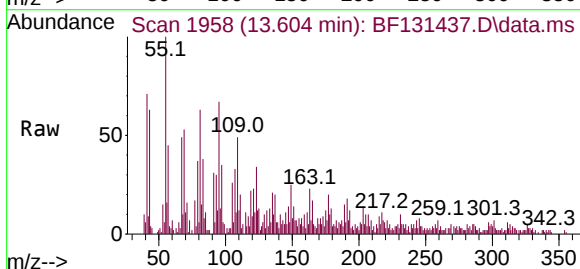
Instrument :
 BNA_F
 ClientSampleId :
 B-15D

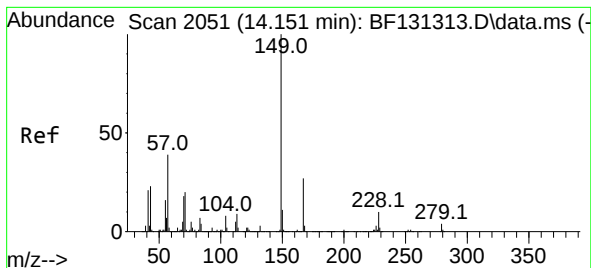
Tgt Ion:244 Resp: 645391
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 8.6 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.202 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.024 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

Tgt Ion:149 Resp: 319
 Ion Ratio Lower Upper
 149 100
 91 127.7 61.9 92.9#
 206 15.0 16.5 24.7#

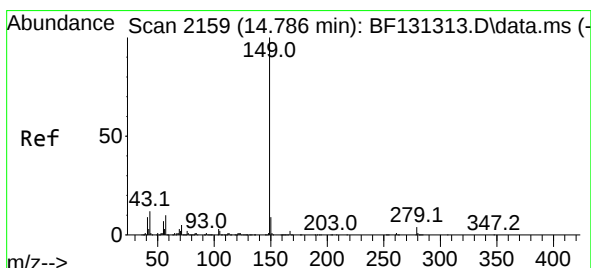
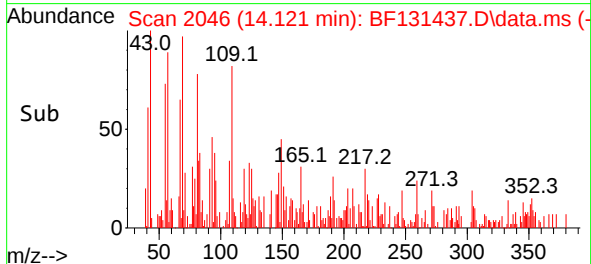
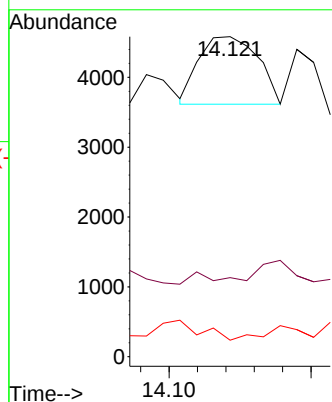
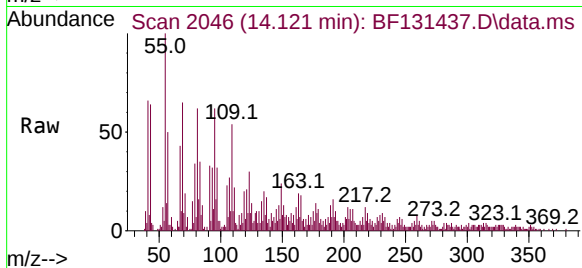




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.943 ng
 RT: 14.121 min Scan# 2051
 Delta R.T. -0.018 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

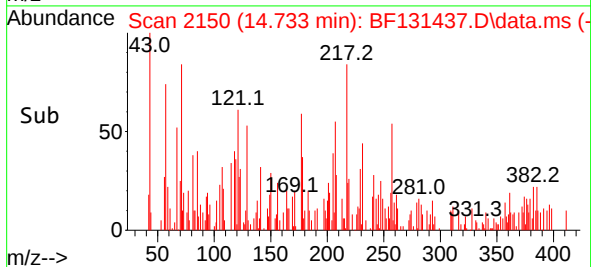
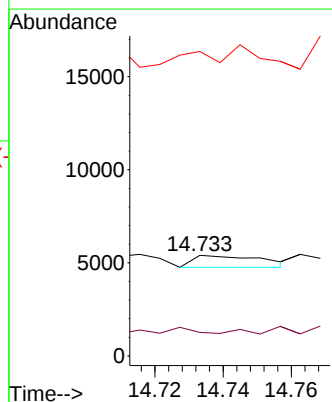
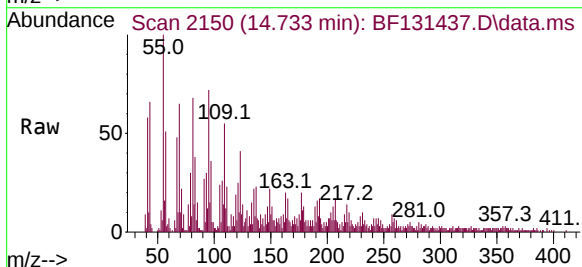
Instrument :
 BNA_F
 ClientSampleId :
 B-15D

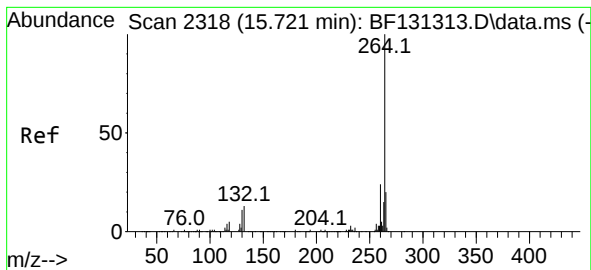
Tgt Ion:149 Resp: 1395
 Ion Ratio Lower Upper
 149 100
 167 24.7 21.9 32.9
 279 5.1 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 4.010 ng
 RT: 14.733 min Scan# 2150
 Delta R.T. -0.029 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

Tgt Ion:149 Resp: 890
 Ion Ratio Lower Upper
 149 100
 167 18.7 1.2 1.8#
 43 147.1 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.704 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131437.D
 Acq: 28 Nov 2022 19:21

Instrument :
 BNA_F
 ClientSampleId :
 B-15D

Tgt Ion:	264	Resp:	151311
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.0	28.4
265	22.0	16.4	24.6

