

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112822\
 Data File : BF131446.D
 Acq On : 29 Nov 2022 00:13
 Operator : CG\JU
 Sample : N5752-08 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-10D

Quant Time: Nov 29 01:01:15 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)

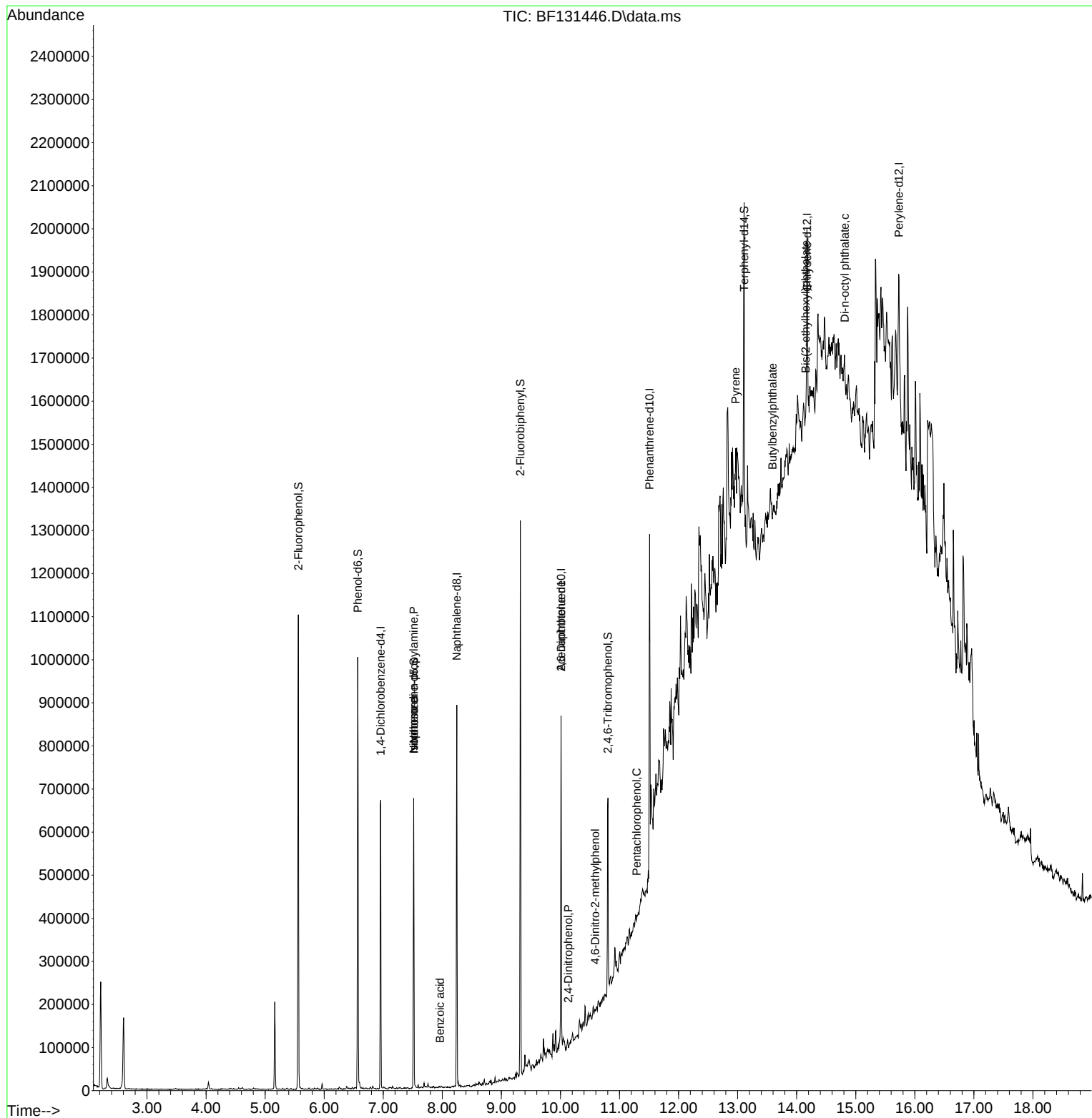
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	99338	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	334437	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	138493	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	244370	20.000	ng	0.00
76) Chrysene-d12	14.174	240	158416	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	155321	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	247894	47.494	ng	0.00
7) Phenol-d6	6.569	99	296903	44.584	ng	0.00
23) Nitrobenzene-d5	7.516	82	177599	26.769	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	49117	42.155	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	337439	35.447	ng	0.00
79) Terphenyl-d14	13.110	244	272897	28.170	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	429	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.516	70	24144	4.953	ng	# 78
25) Isophorone	7.516	82	177520	14.998	ng	# 68
32) Benzoic acid	7.963	122	58	5.150	ng	# 3
51) 2,6-Dinitrotoluene	10.010	165	18900	9.794	ng	# 15
54) 2,4-Dinitrophenol	10.133	184	54	4.978	ng	# 65
65) 4,6-Dinitro-2-methylph...	10.586	198	135	4.717	ng	# 1
70) Pentachlorophenol	11.292	266	55	4.906	ng	# 1
78) Pyrene	12.968	202	30523	2.184	ng	# 81
80) Butylbenzylphthalate	13.592	149	1169	4.371	ng	# 30
84) Bis(2-ethylhexyl)phtha...	14.151	149	2015	4.047	ng	# 65
85) Di-n-octyl phthalate	14.815	149	7825	4.908	ng	# 1

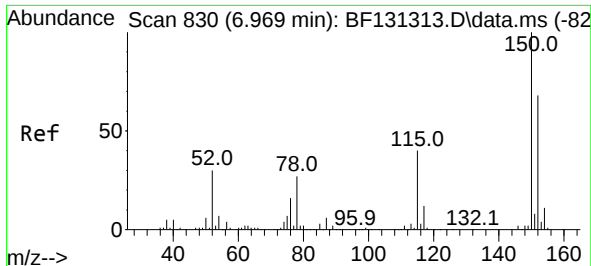
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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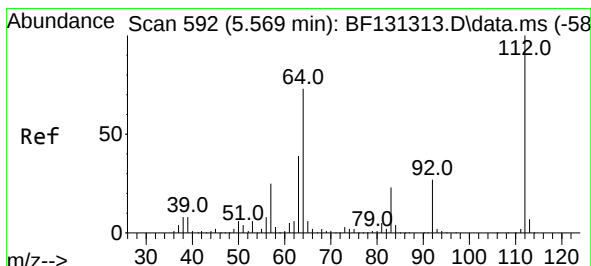
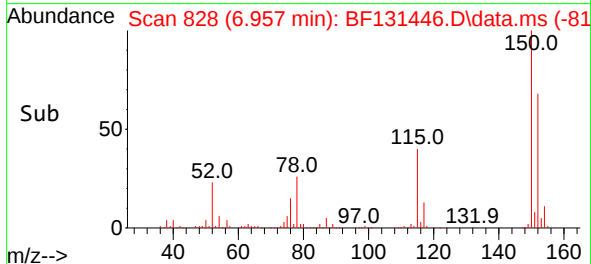
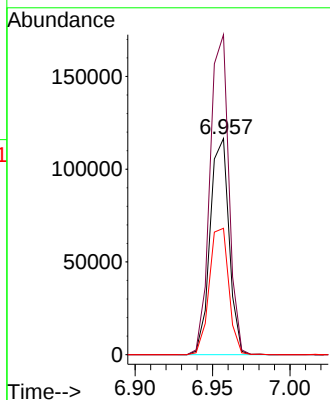
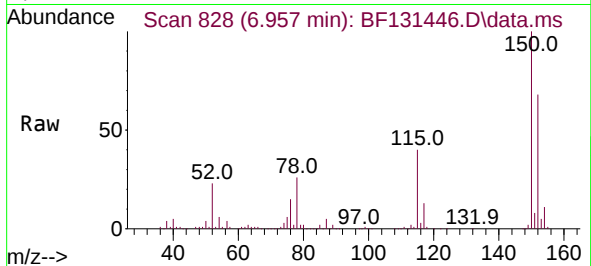




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF131446.D
 Acq: 29 Nov 2022 00:13

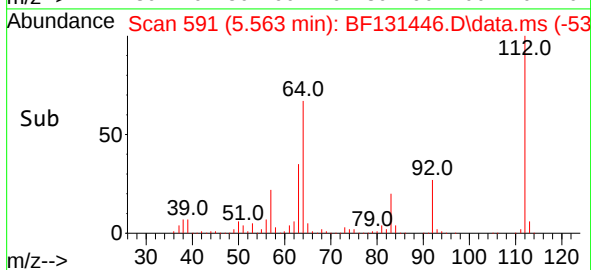
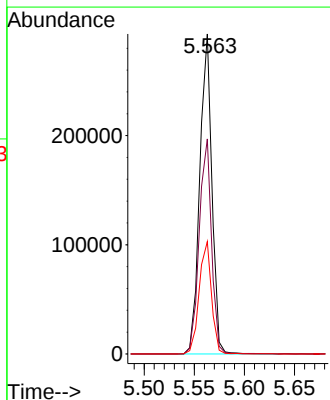
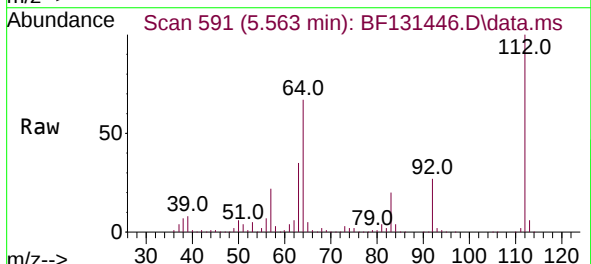
Instrument :
 BNA_F
 ClientSampleId :
 B-10D

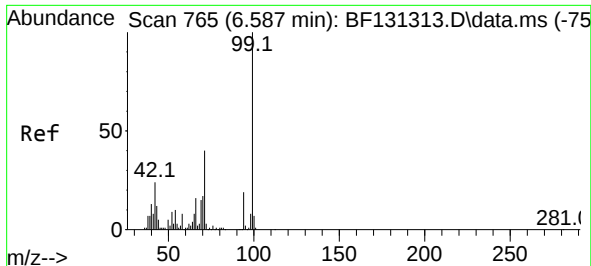
Tgt Ion:152 Resp: 99338
 Ion Ratio Lower Upper
 152 100
 150 148.0 117.8 176.8
 115 58.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 47.494 ng
 RT: 5.563 min Scan# 591
 Delta R.T. 0.006 min
 Lab File: BF131446.D
 Acq: 29 Nov 2022 00:13

Tgt Ion:112 Resp: 247894
 Ion Ratio Lower Upper
 112 100
 64 67.2 58.6 88.0
 63 35.1 31.4 47.0

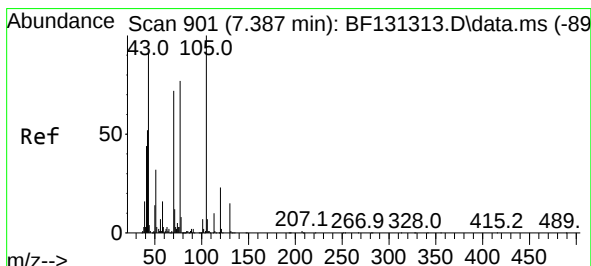
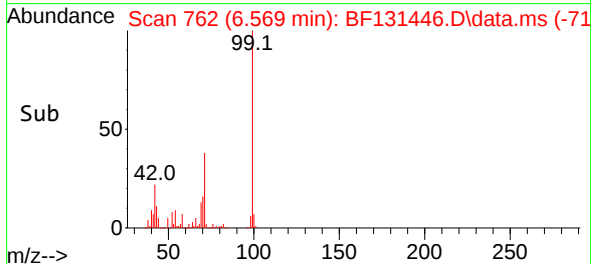
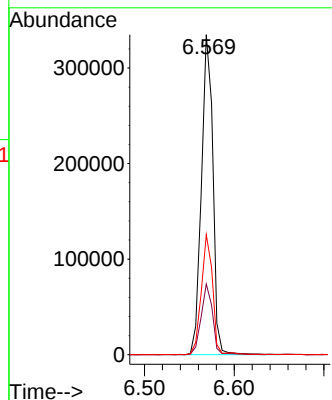
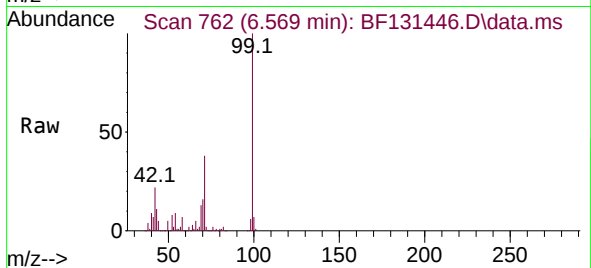




#7
Phenol-d6
Concen: 44.584 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

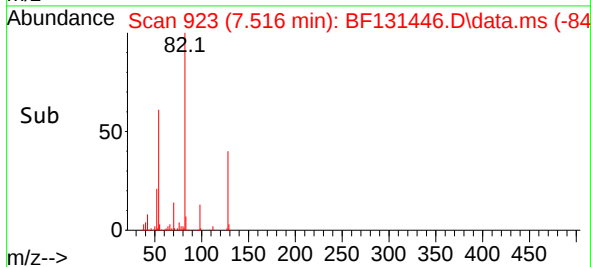
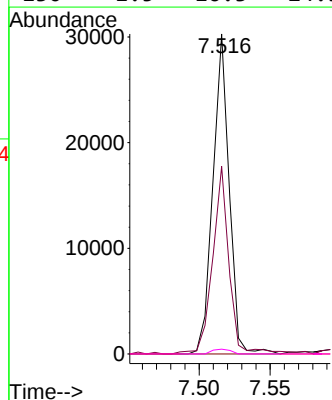
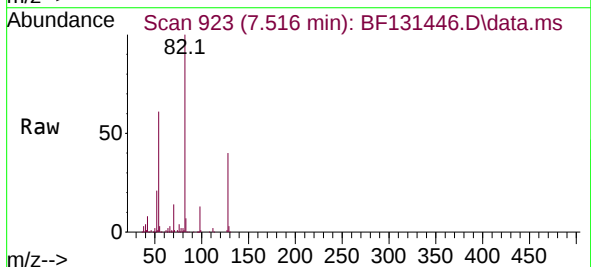
Instrument :
BNA_F
ClientSampleId :
B-10D

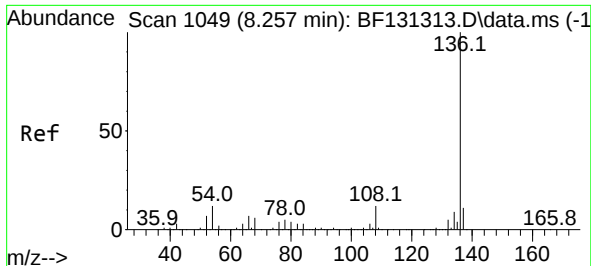
Tgt Ion: 99 Resp: 296903
Ion Ratio Lower Upper
99 100
42 22.1 19.4 29.2
71 37.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 4.953 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion: 70 Resp: 24144
Ion Ratio Lower Upper
70 100
42 58.7 57.6 86.4
101 0.0 8.2 12.2#
130 1.5 16.3 24.5#



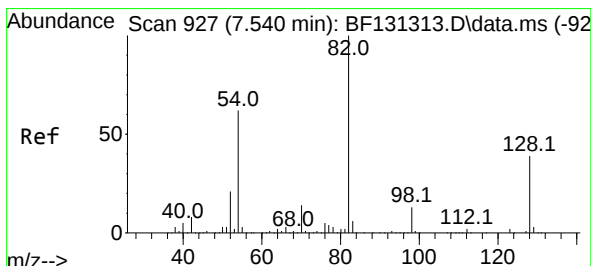
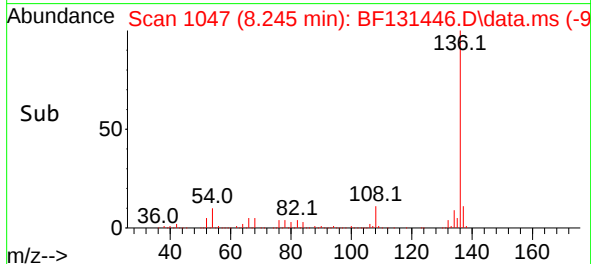
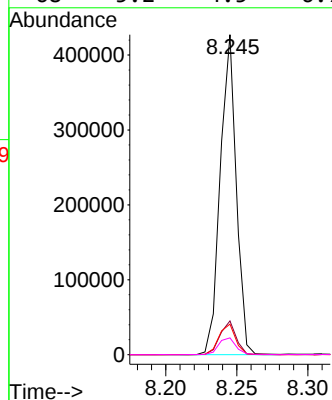
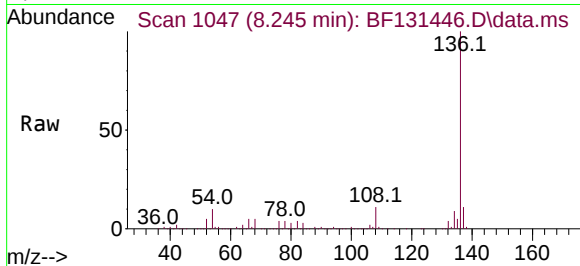


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Instrument :
BNA_F
ClientSampleId :
B-10D

Tgt Ion:136 Resp: 334437

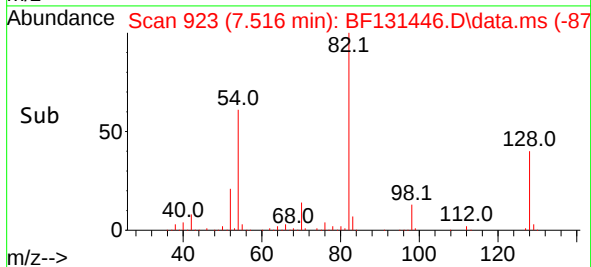
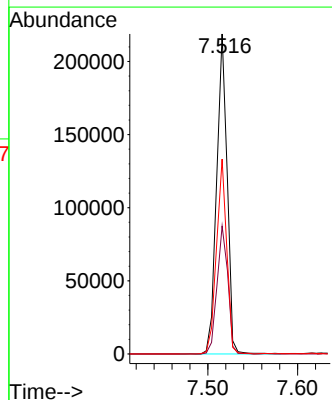
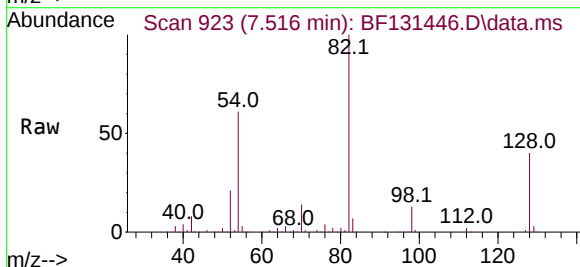
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	9.5	9.4	14.0
68	5.2	4.5	6.7

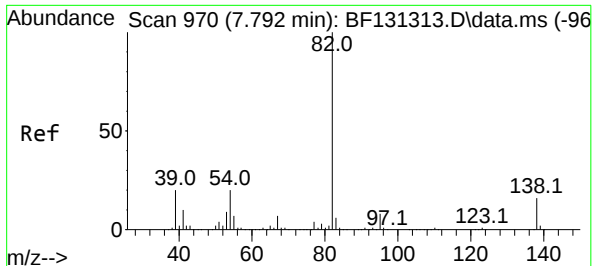


#23
Nitrobenzene-d5
Concen: 26.769 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.012 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion: 82 Resp: 177599

Ion	Ratio	Lower	Upper
82	100		
128	40.0	31.4	47.0
54	60.9	49.8	74.6

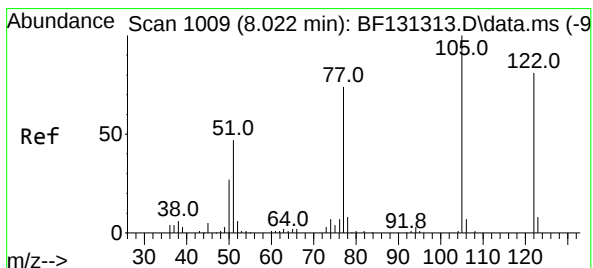
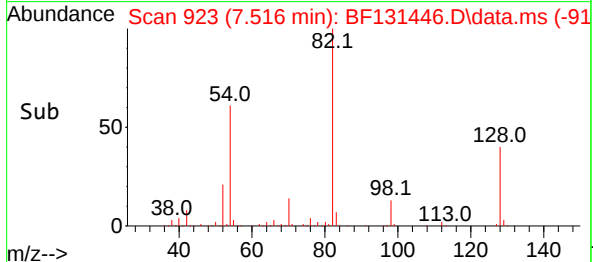
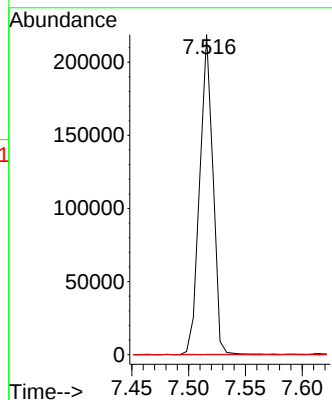
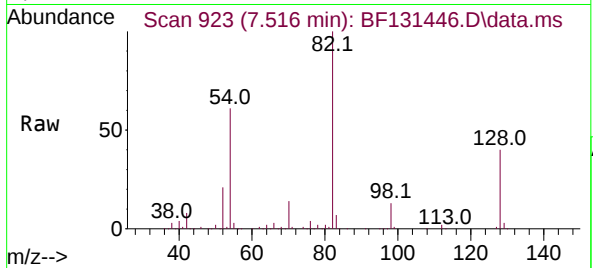




#25
Isophorone
Concen: 14.998 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

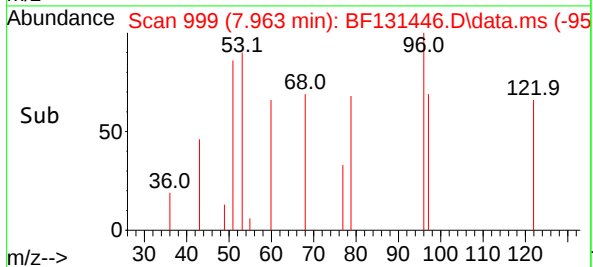
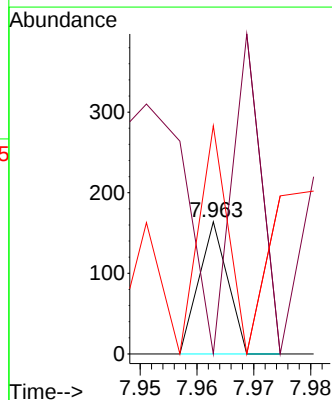
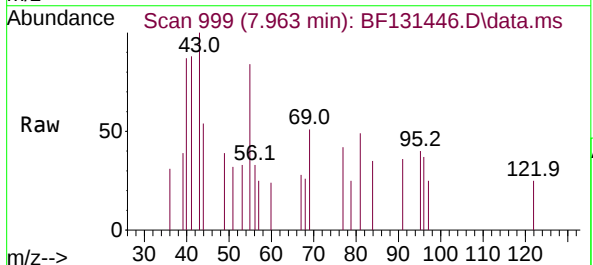
Instrument :
BNA_F
ClientSampleId :
B-10D

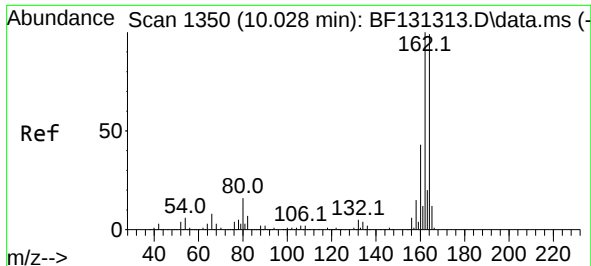
Tgt Ion: 82 Resp: 177520
Ion Ratio Lower Upper
82 100
95 0.1 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.150 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.041 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 172.6 74.3 114.3#

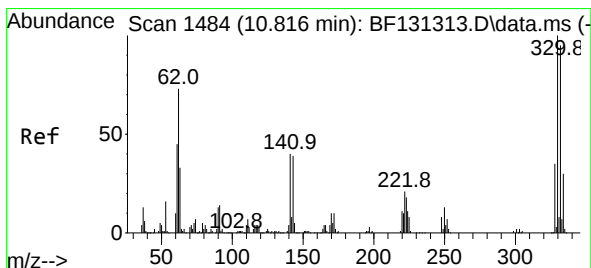
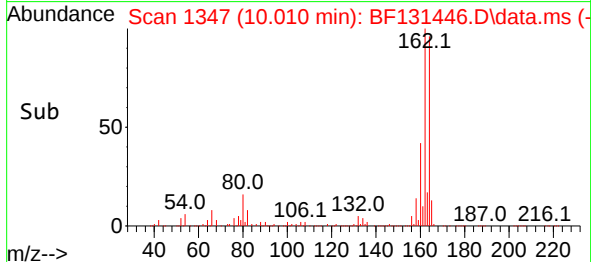
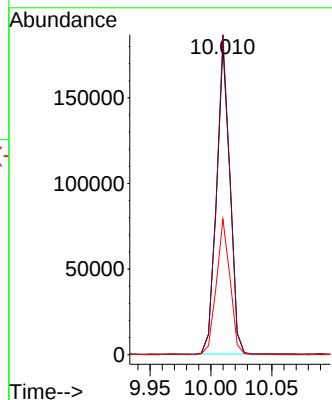
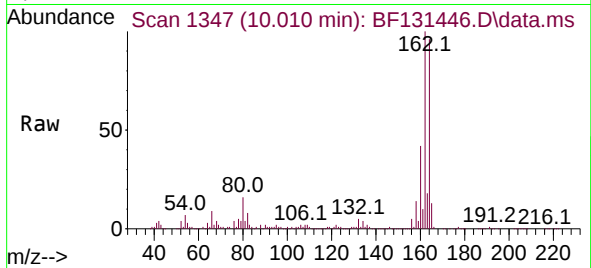




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

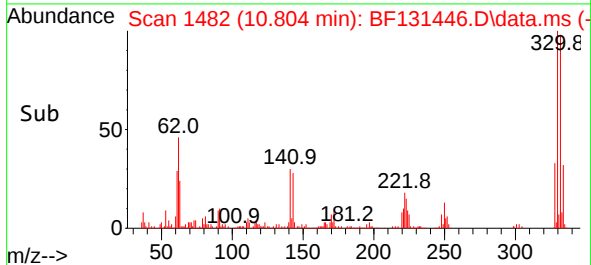
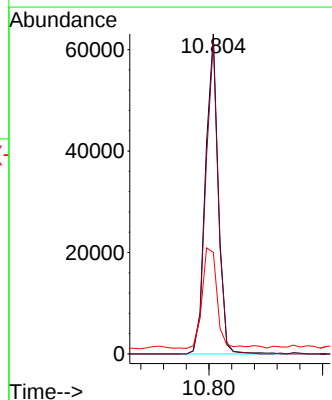
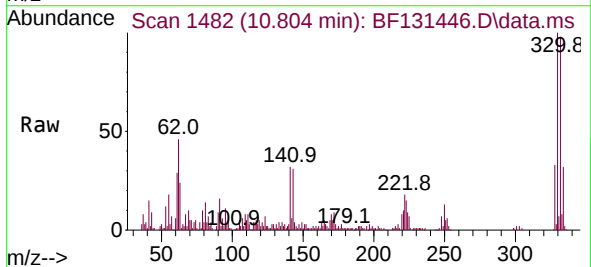
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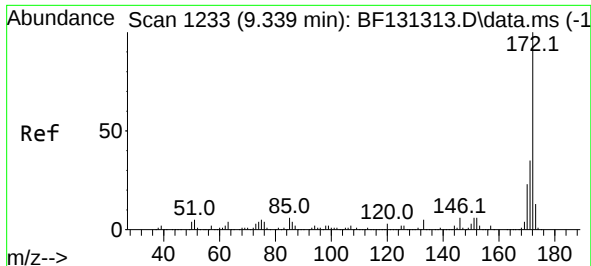
Tgt Ion:164 Resp: 138493
Ion Ratio Lower Upper
164 100
162 103.7 80.6 120.8
160 43.9 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 42.155 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:330 Resp: 49117
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 36.7 29.3 43.9

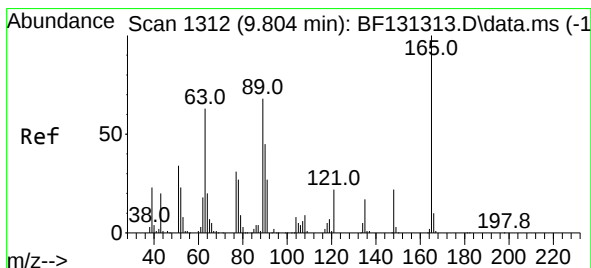
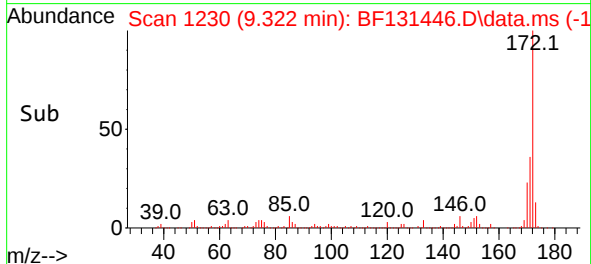
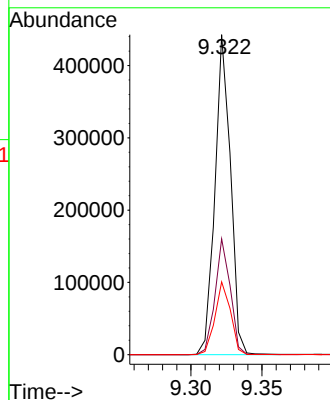
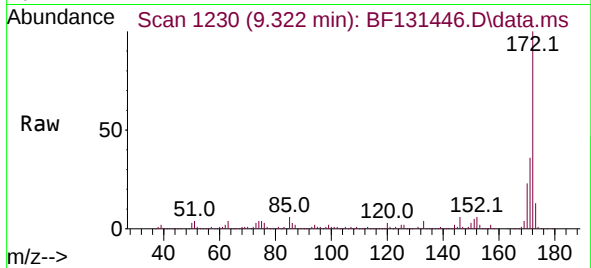




#45
2-Fluorobiphenyl
Concen: 35.447 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

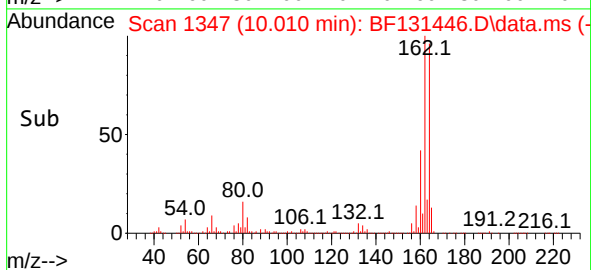
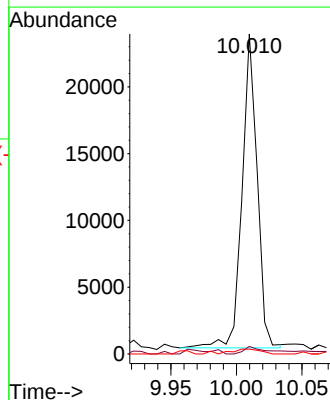
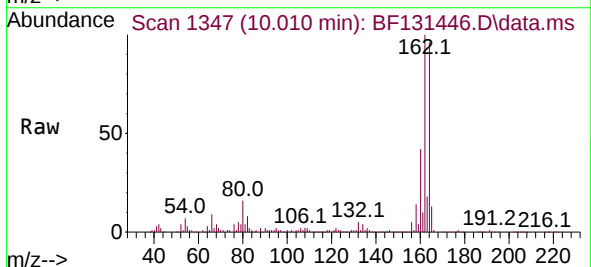
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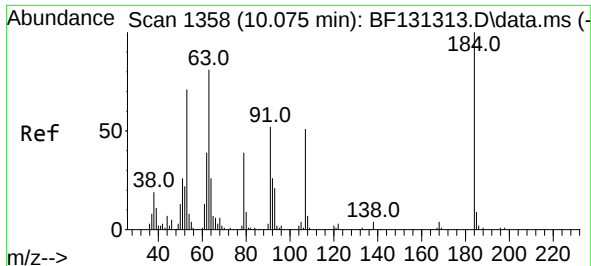
Tgt Ion:172 Resp: 337439
Ion Ratio Lower Upper
172 100
171 36.2 28.2 42.2
170 22.8 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.794 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.217 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:165 Resp: 18900
Ion Ratio Lower Upper
165 100
63 2.3 62.0 93.0#
89 1.5 54.4 81.6#

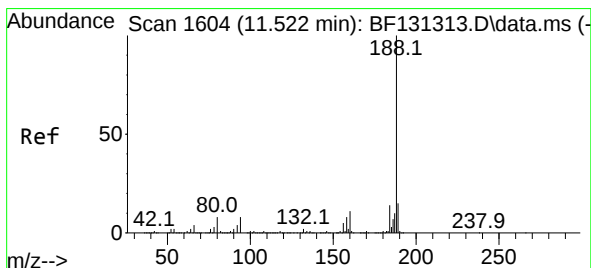
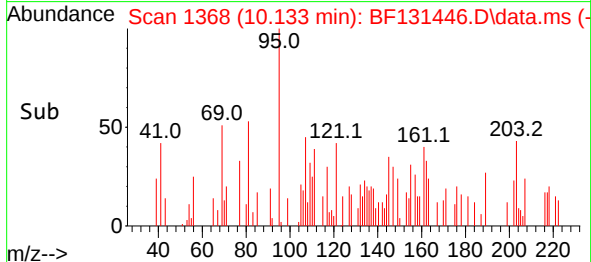
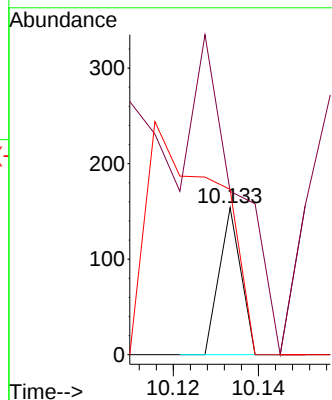
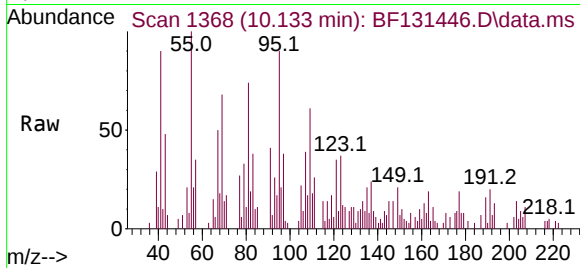




#54
2,4-Dinitrophenol
Concen: 4.978 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

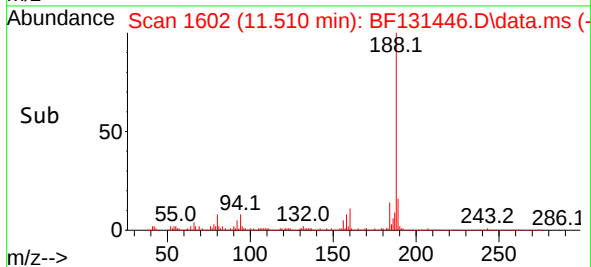
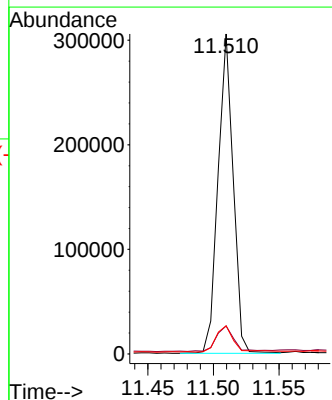
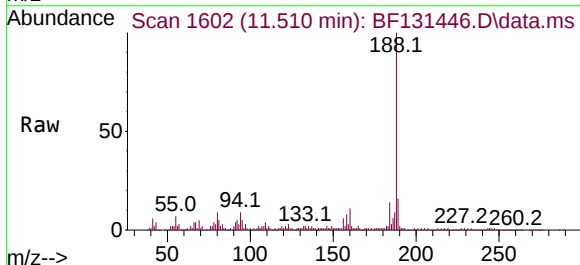
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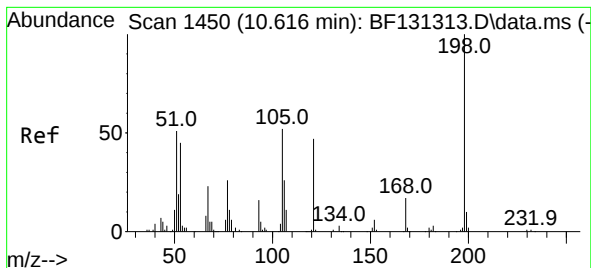
Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 111.0 72.1 108.1#
154 112.3 56.3 84.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.006 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:188 Resp: 244370
Ion Ratio Lower Upper
188 100
94 8.8 6.3 9.5
80 8.8 6.8 10.2

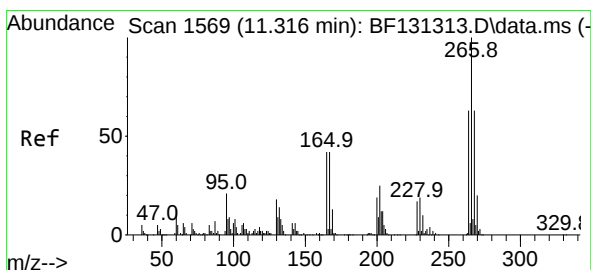
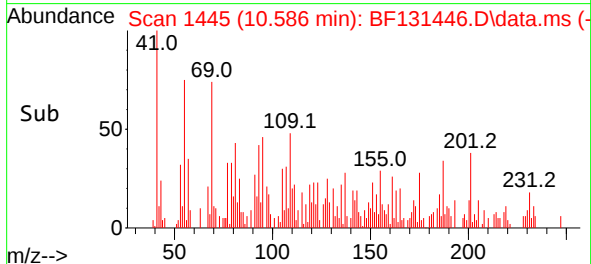
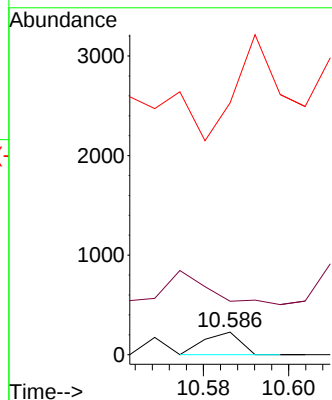
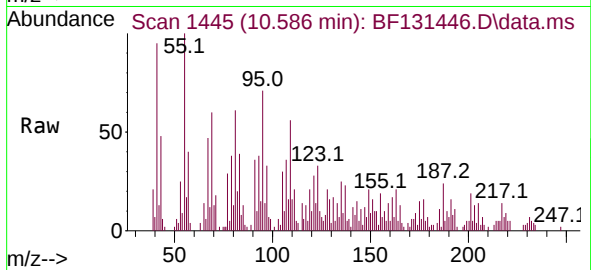




#65
4,6-Dinitro-2-methylphenol
Concen: 4.717 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.018 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

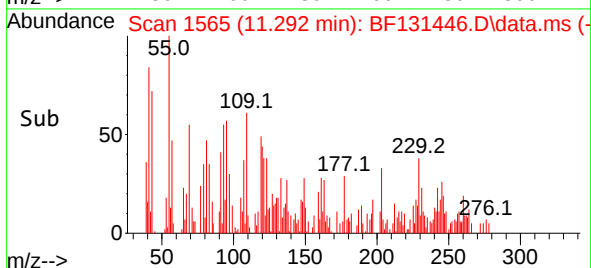
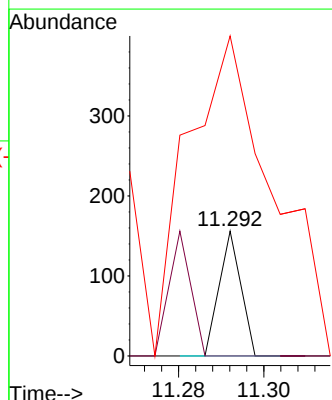
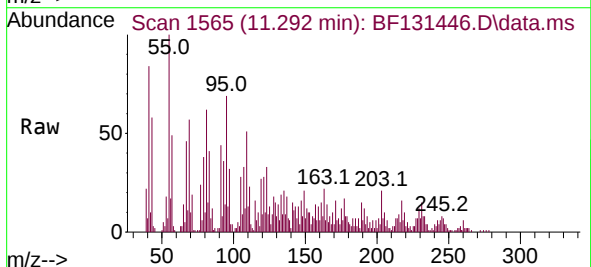
Instrument :
BNA_F
ClientSampleId :
B-10D

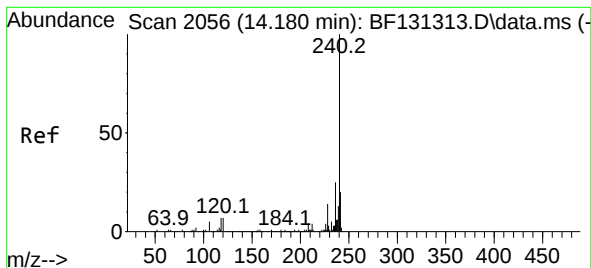
Tgt Ion:198 Resp: 135
Ion Ratio Lower Upper
198 100
51 236.6 50.1 90.1#
105 1114.5 32.5 72.5#



#70
Pentachlorophenol
Concen: 4.906 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:266 Resp: 55
Ion Ratio Lower Upper
266 100
268 0.0 50.6 75.8#
264 256.4 50.4 75.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.006 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

Instrument :

BNA_F

ClientSampleId :

B-10D

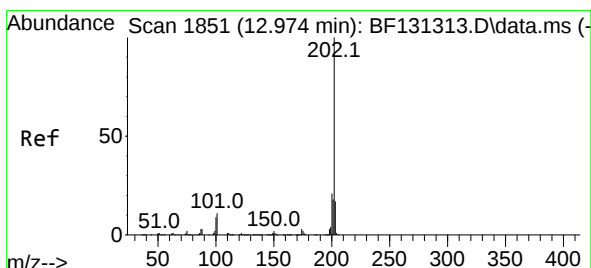
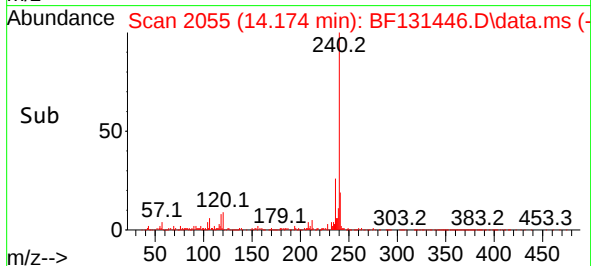
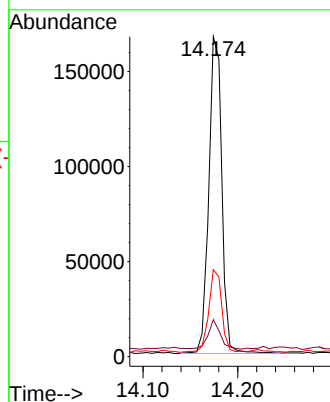
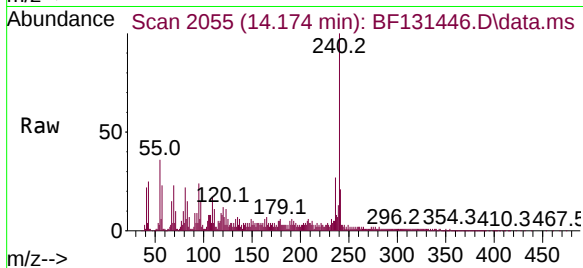
Tgt Ion:240 Resp: 158416

Ion Ratio Lower Upper

240 100

120 11.5 5.8 8.8#

236 27.2 20.3 30.5



#78

Pyrene

Concen: 2.184 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.006 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

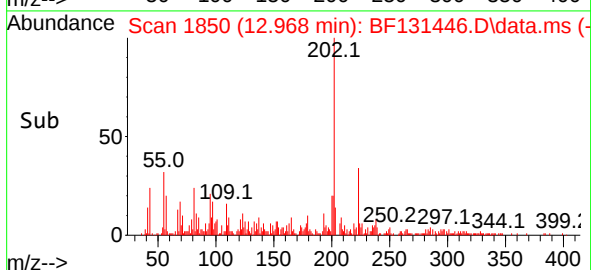
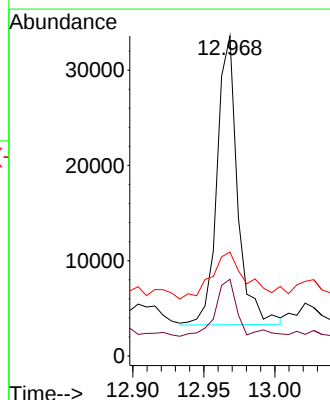
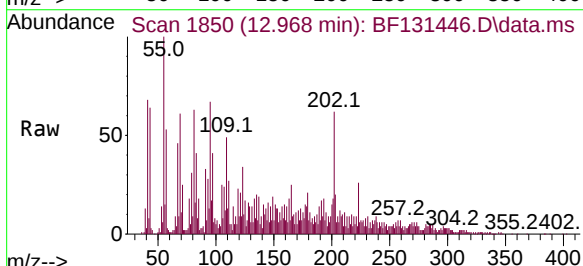
Tgt Ion:202 Resp: 30523

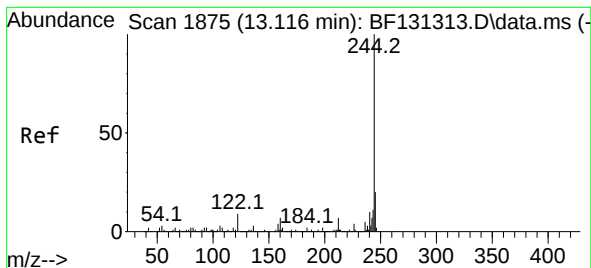
Ion Ratio Lower Upper

202 100

200 24.0 16.9 25.3

203 32.4 13.9 20.9#





#79

Terphenyl-d14

Concen: 28.170 ng

RT: 13.110 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

Instrument :

BNA_F

ClientSampleId :

B-10D

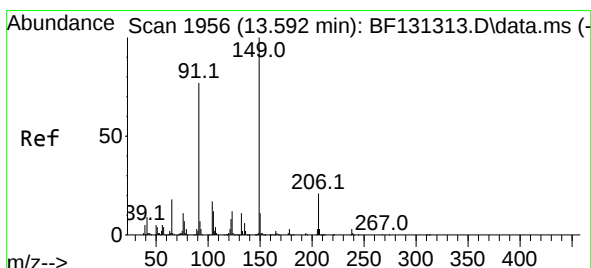
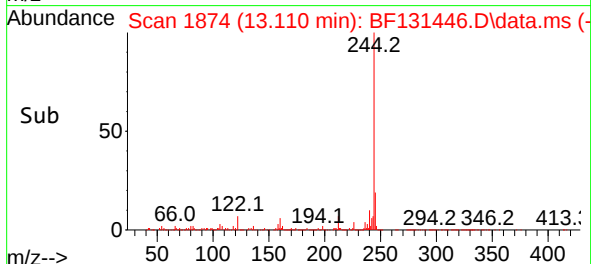
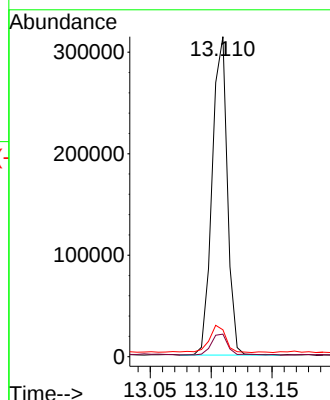
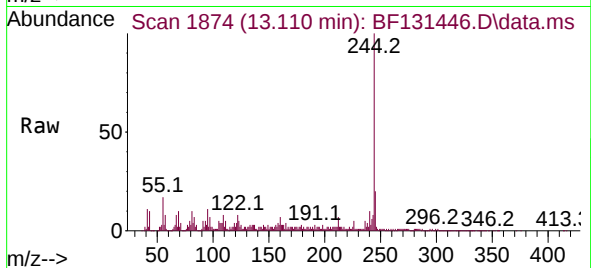
Tgt Ion:244 Resp: 272897

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 8.4 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.371 ng

RT: 13.592 min Scan# 1956

Delta R.T. 0.012 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

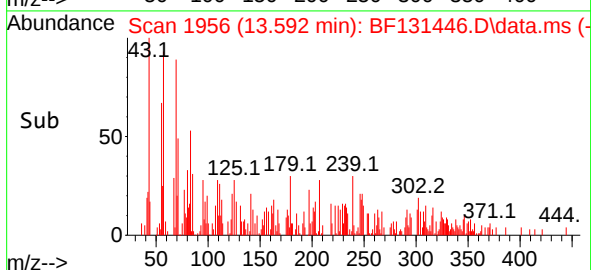
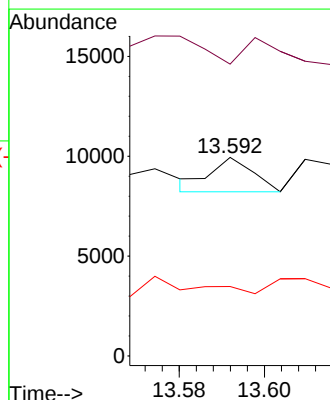
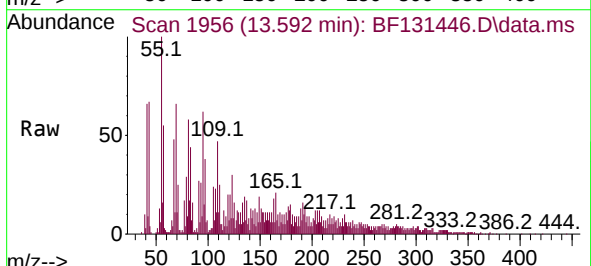
Tgt Ion:149 Resp: 1169

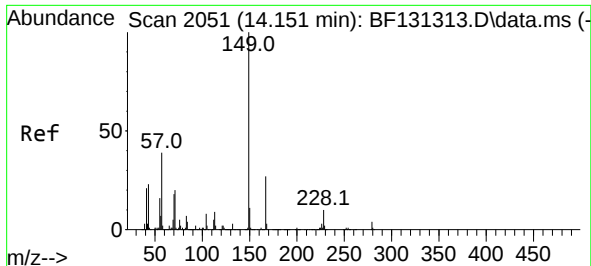
Ion Ratio Lower Upper

149 100

91 147.0 61.9 92.9#

206 35.0 16.5 24.7#

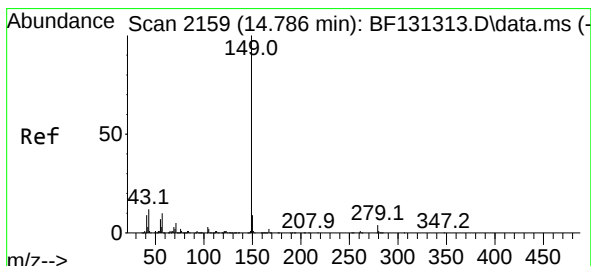
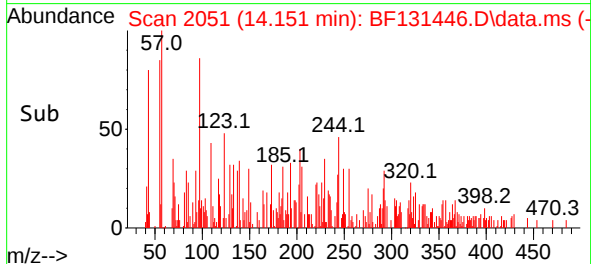
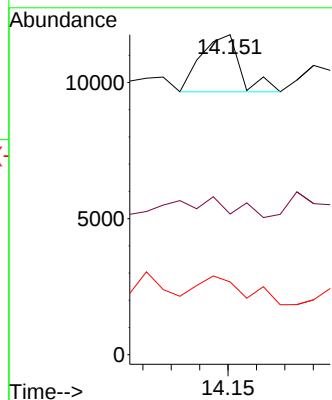
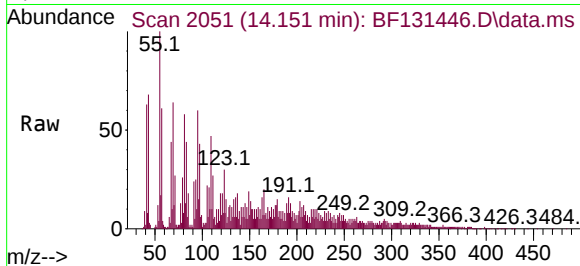




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.047 ng
RT: 14.151 min Scan# 2051
Delta R.T. 0.012 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

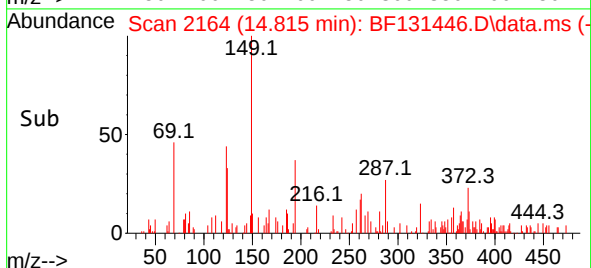
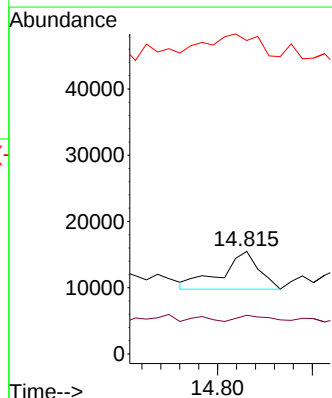
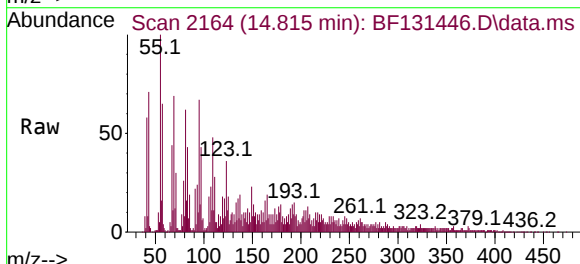
Instrument :
BNA_F
ClientSampleId :
B-10D

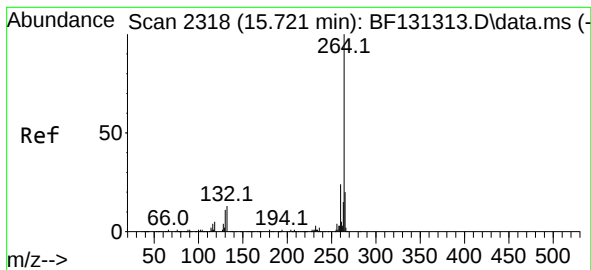
Tgt Ion:149 Resp: 2015
Ion Ratio Lower Upper
149 100
167 43.9 21.9 32.9#
279 22.8 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 4.908 ng
RT: 14.815 min Scan# 2164
Delta R.T. 0.053 min
Lab File: BF131446.D
Acq: 29 Nov 2022 00:13

Tgt Ion:149 Resp: 7825
Ion Ratio Lower Upper
149 100
167 14.0 1.2 1.8#
43 80.0 10.7 16.1#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF131446.D

Acq: 29 Nov 2022 00:13

Instrument :

BNA_F

ClientSampleId :

B-10D

Tgt Ion:264 Resp: 155321

Ion Ratio Lower Upper

264 100

260 26.0 19.0 28.4

265 23.4 16.4 24.6

