

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131367.D
 Acq On : 23 Nov 2022 18:19
 Operator : CG\JU
 Sample : N5765-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-14

Quant Time: Nov 24 05:56:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

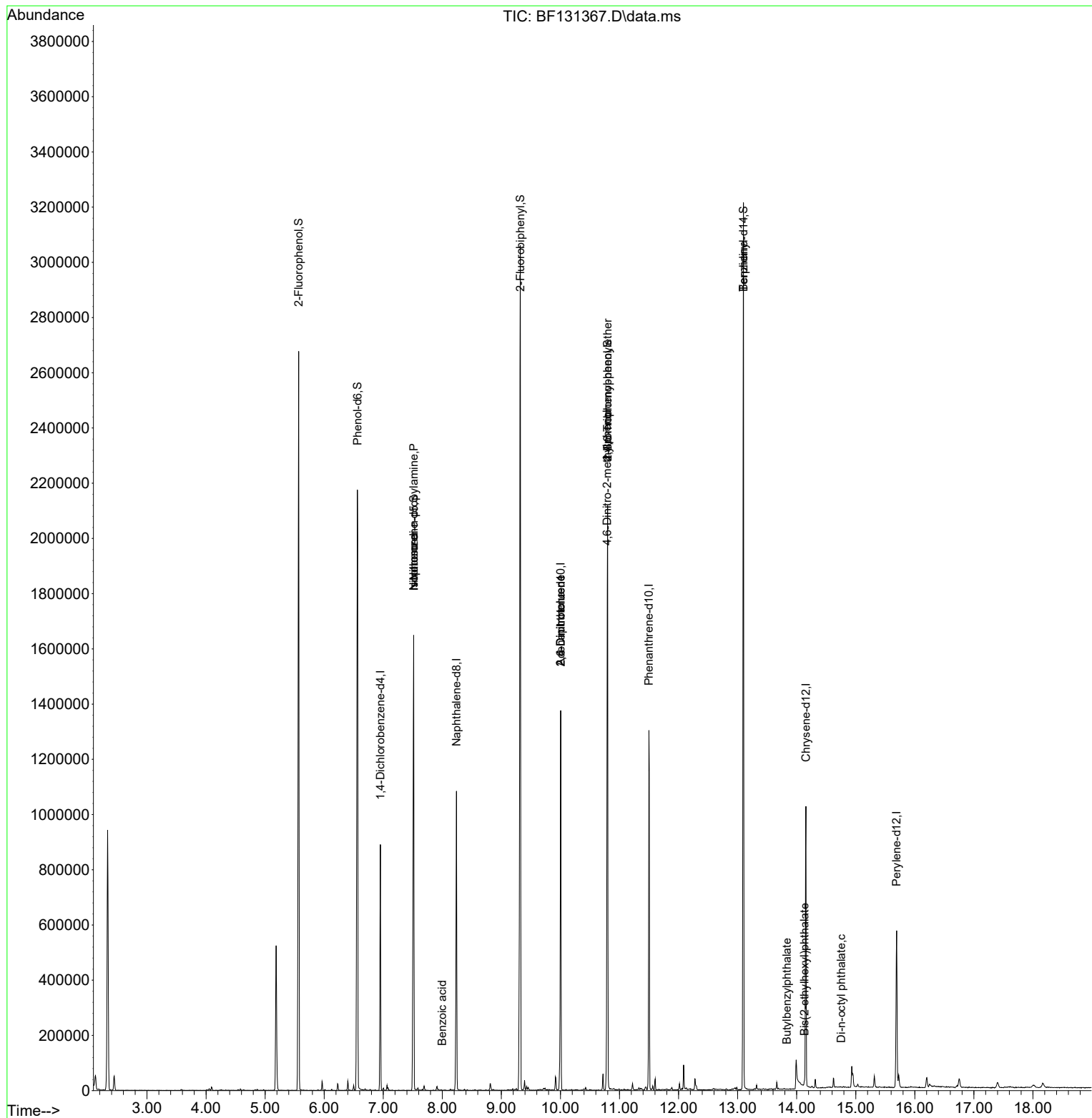
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	126612	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	467970	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	274681	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	490058	20.000	ng	0.00
76) Chrysene-d12	14.157	240	349866	20.000	ng	0.00
86) Perylene-d12	15.692	264	275038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	668791	100.532	ng	0.01
7) Phenol-d6	6.563	99	844848	99.536	ng	0.00
23) Nitrobenzene-d5	7.516	82	557593	60.063	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	245014	106.025	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1032344	54.677	ng	0.00
79) Terphenyl-d14	13.098	244	1103939	51.598	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	2760	Below Cal		94
19) n-Nitroso-di-n-propyla...	7.516	70	76442	12.302 ng	#	74
25) Isophorone	7.516	82	554822	33.498 ng	#	68
32) Benzoic acid	7.998	122	172	5.177 ng	#	1
51) 2,6-Dinitrotoluene	10.004	165	34600	9.040 ng	#	15
57) 2,4-Dinitrotoluene	10.004	165	34600	7.185 ng	#	19
65) 4,6-Dinitro-2-methylph...	10.792	198	662	4.926 ng	#	1
67) 4-Bromophenyl-phenylether	10.798	248	16282	2.711 ng	#	1
77) Benzidine	13.098	184	14769	2.285 ng	#	95
80) Butylbenzylphthalate	13.833	149	78	4.150 ng	#	20
84) Bis(2-ethylhexyl)phtha...	14.133	149	5061	4.087 ng	#	91
85) Di-n-octyl phthalate	14.757	149	320	3.920 ng	#	1

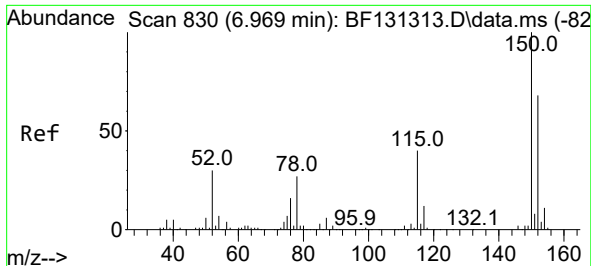
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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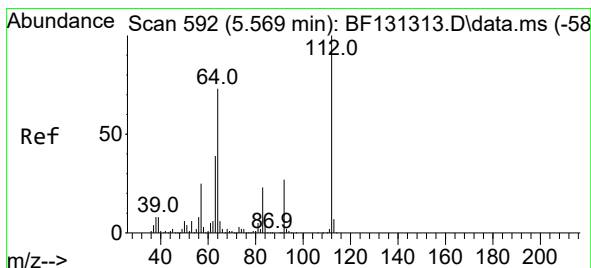
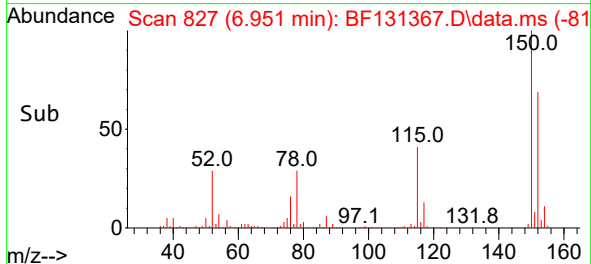
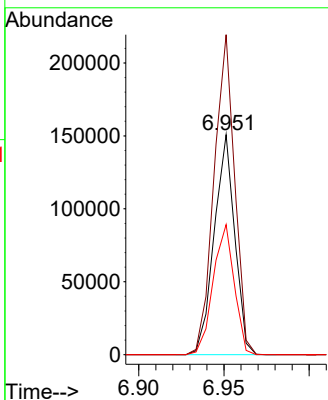
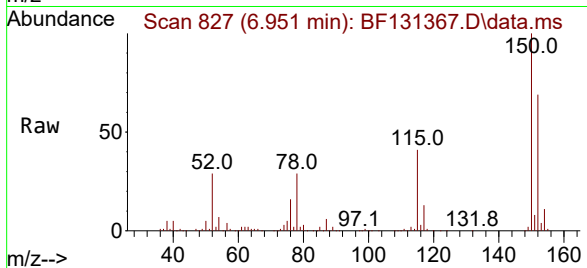




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

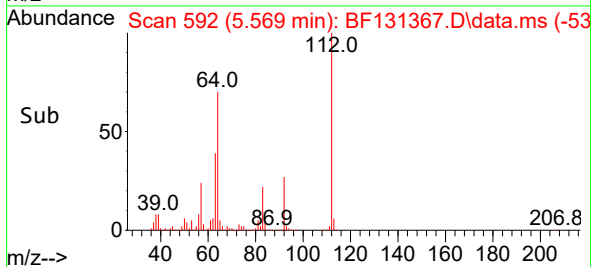
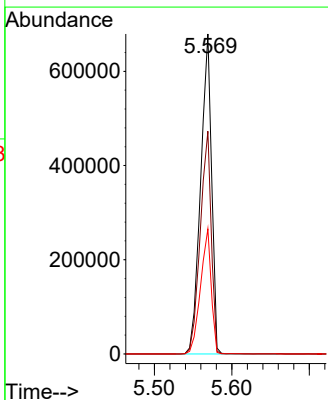
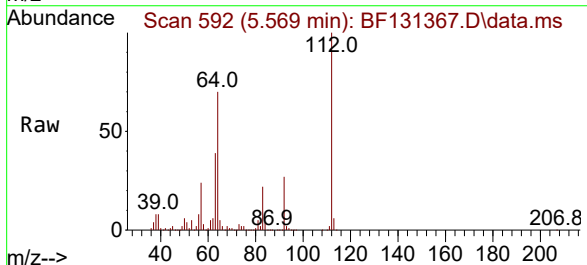
Instrument :
BNA_F
ClientSampleId :
MH-14

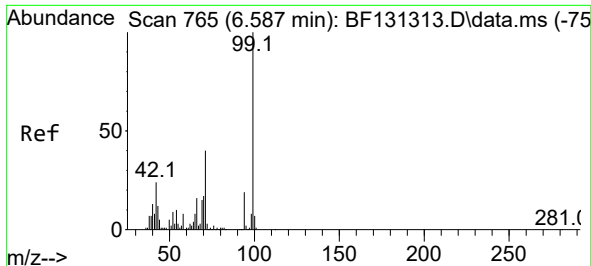
Tgt Ion:152 Resp: 126612
Ion Ratio Lower Upper
152 100
150 145.5 117.8 176.8
115 59.1 47.1 70.7



#5
2-Fluorophenol
Concen: 100.532 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion:112 Resp: 668791
Ion Ratio Lower Upper
112 100
64 69.6 58.6 88.0
63 39.1 31.4 47.0

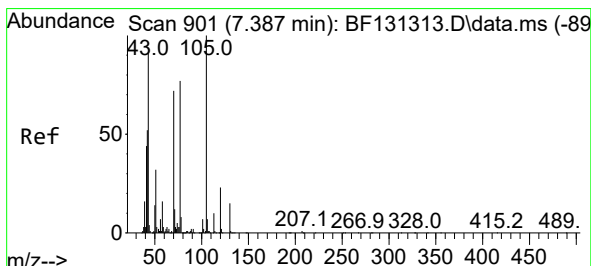
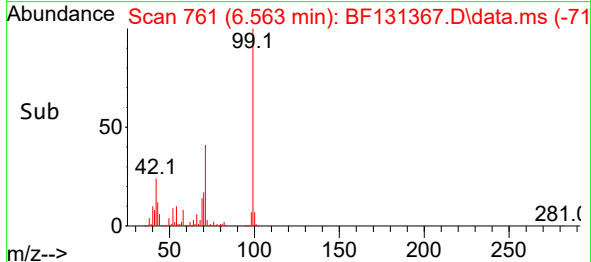
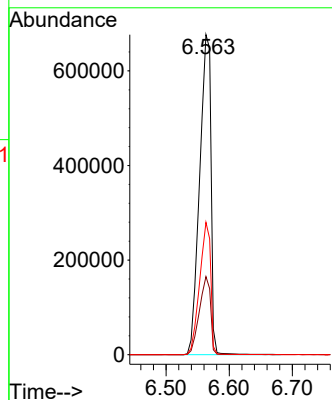
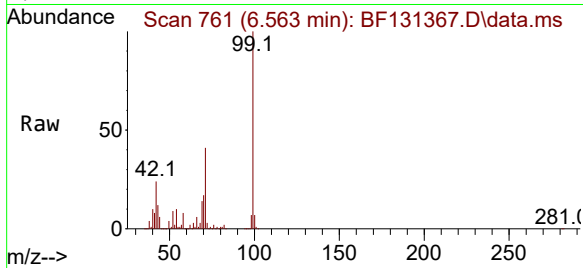




#7
Phenol-d6
Concen: 99.536 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

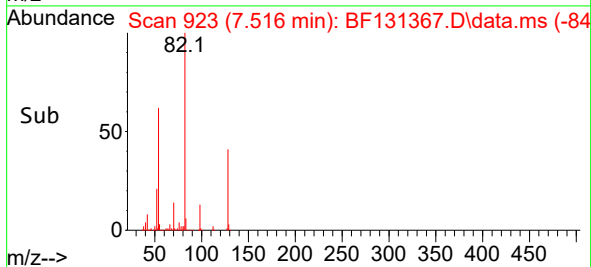
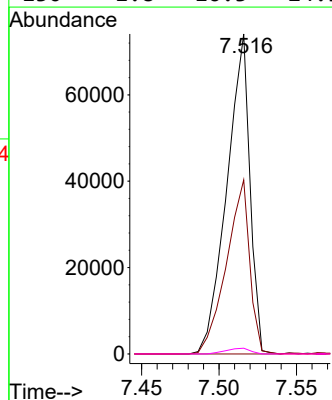
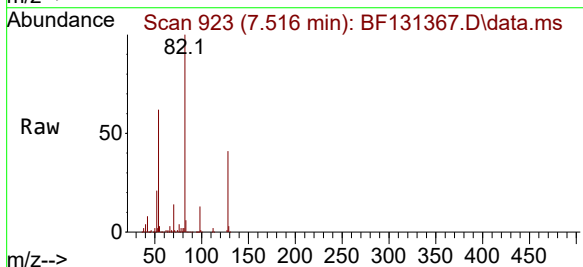
Instrument :
BNA_F
ClientSampleId :
MH-14

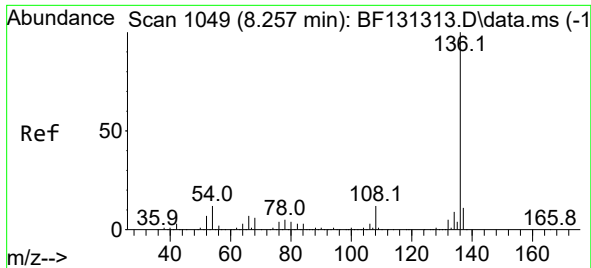
Tgt Ion: 99 Resp: 844848
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.2
71 41.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.302 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion: 70 Resp: 76442
Ion Ratio Lower Upper
70 100
42 54.4 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

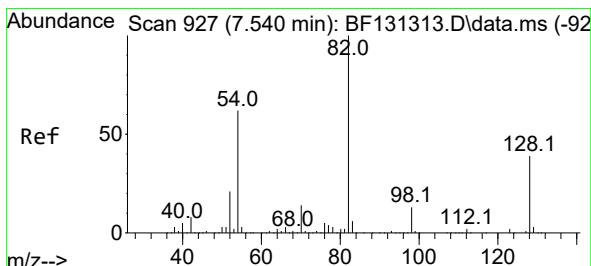
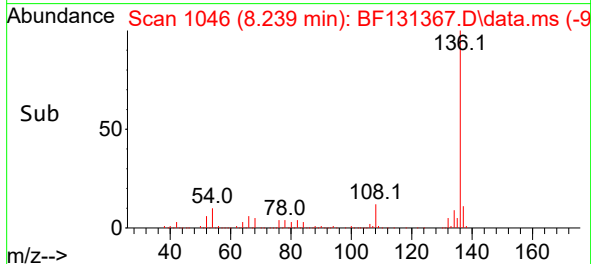
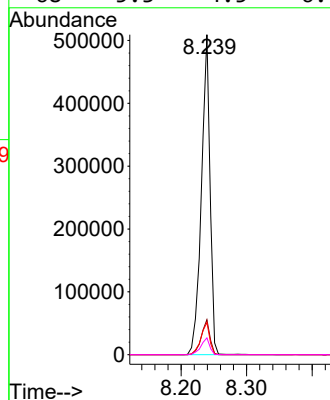
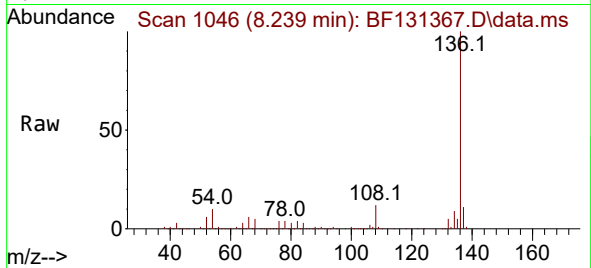




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

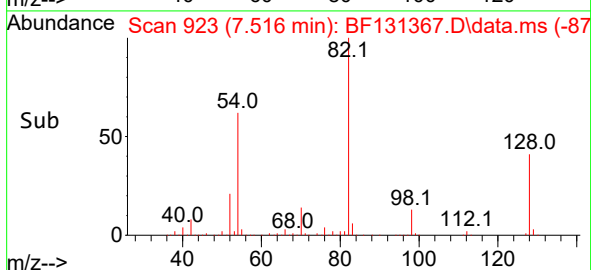
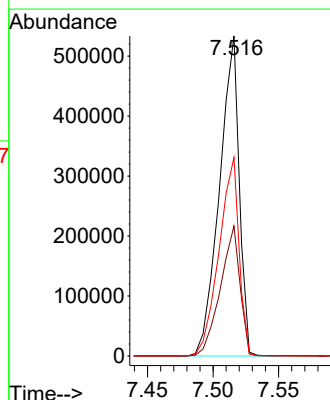
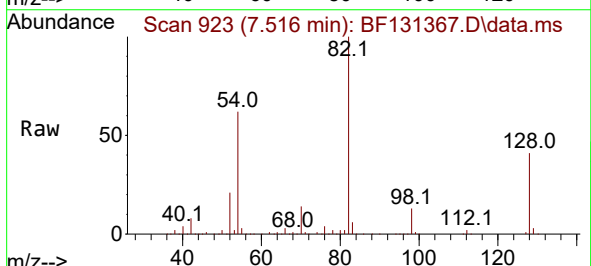
Instrument :
BNA_F
ClientSampleId :
MH-14

Tgt Ion:136 Resp: 467970
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.1 9.4 14.0
68 5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 60.063 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion: 82 Resp: 557593
Ion Ratio Lower Upper
82 100
128 40.6 31.4 47.0
54 62.0 49.8 74.6

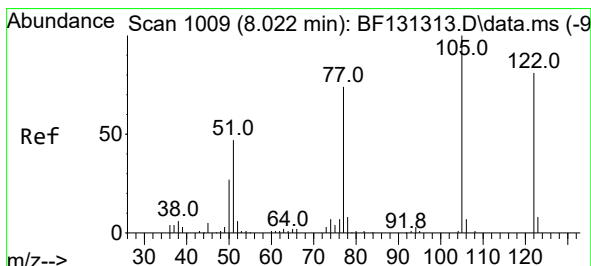
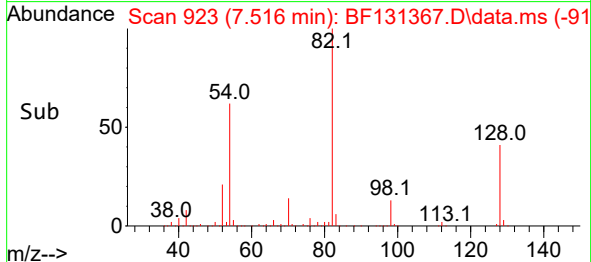
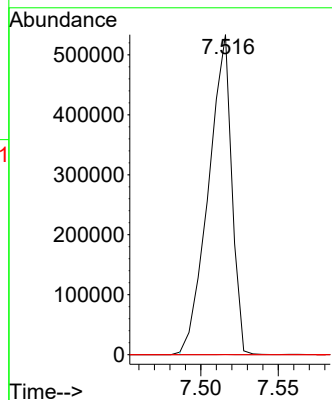
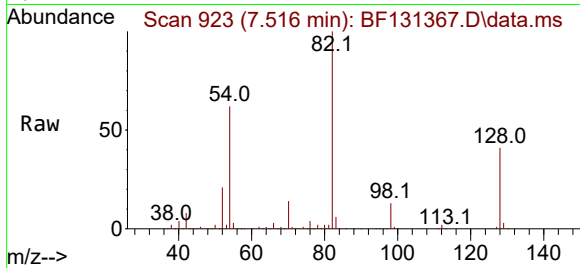




#25
Isophorone
Concen: 33.498 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

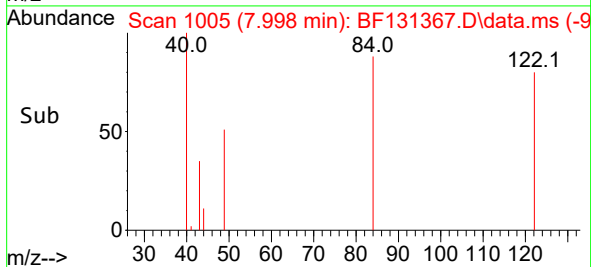
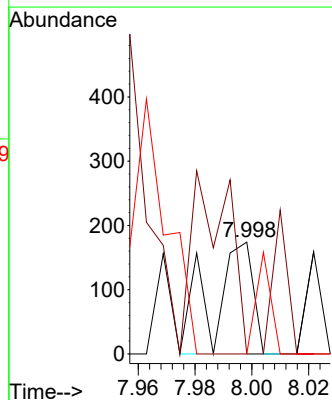
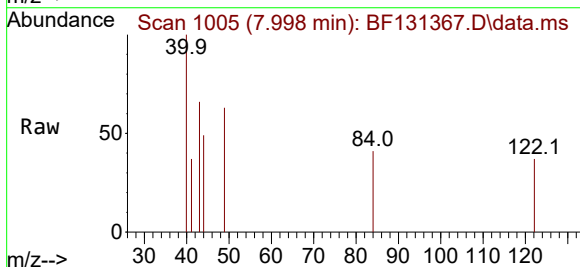
Instrument :
BNA_F
ClientSampleId :
MH-14

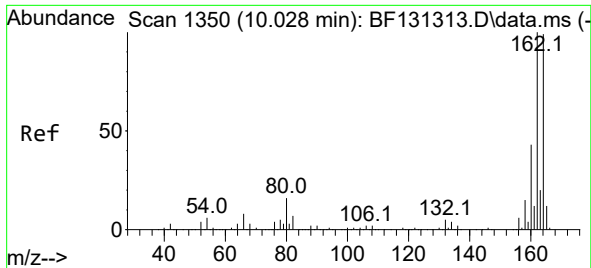
Tgt Ion: 82 Resp: 554822
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.177 ng
RT: 7.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion: 122 Resp: 172
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#

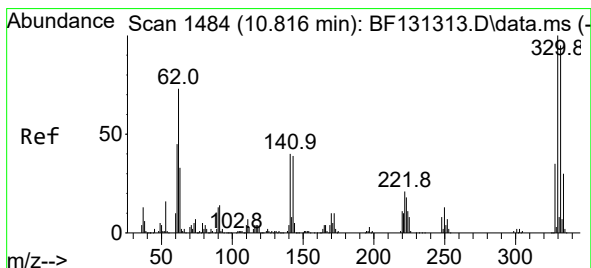
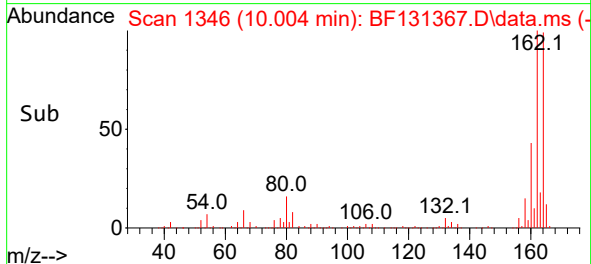
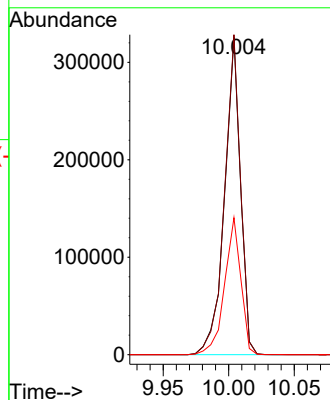
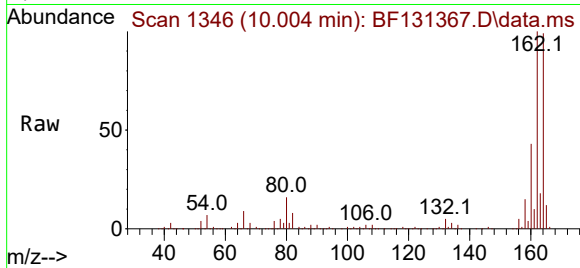




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

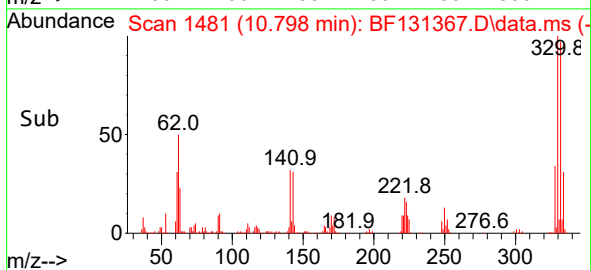
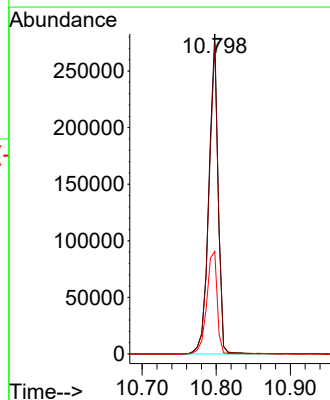
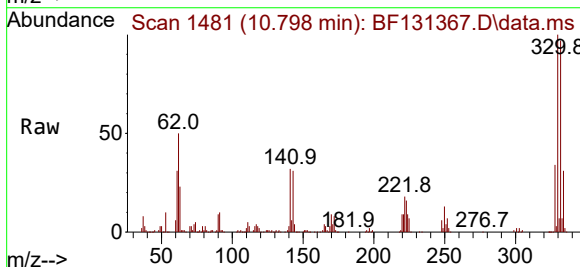
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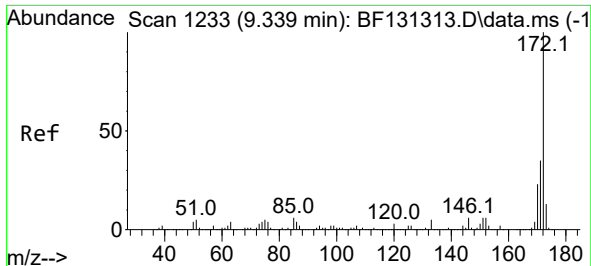
Tgt Ion:164 Resp: 274681
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 43.2 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 106.025 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion:330 Resp: 245014
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.2 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 54.677 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131367.D

Acq: 23 Nov 2022 18:19

Instrument :

BNA_F

ClientSampleId :

MH-14

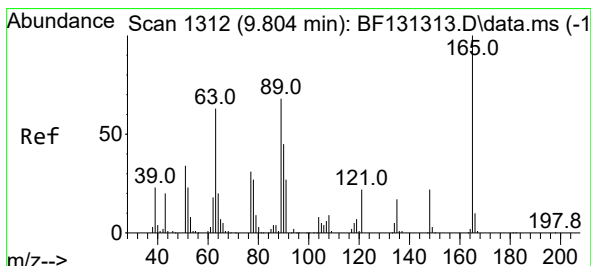
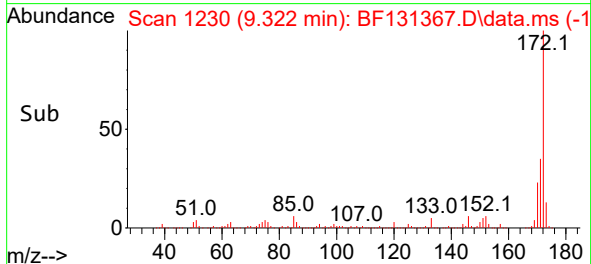
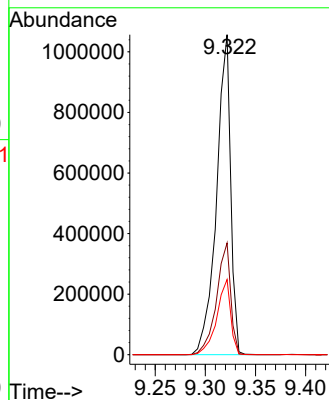
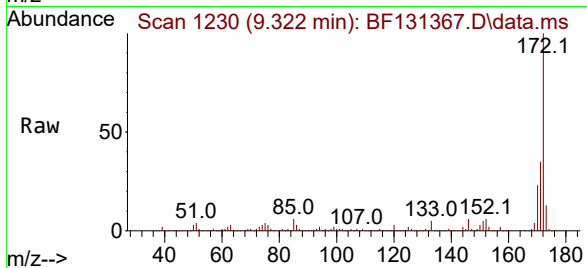
Tgt Ion:172 Resp: 1032344

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.040 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF131367.D

Acq: 23 Nov 2022 18:19

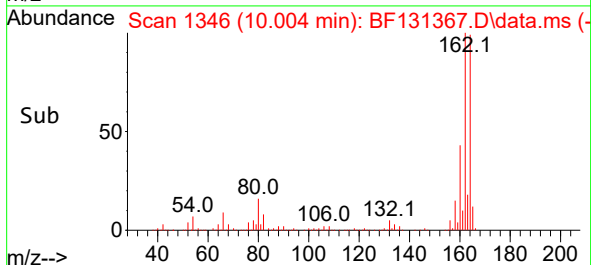
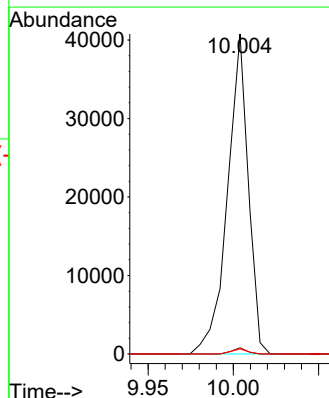
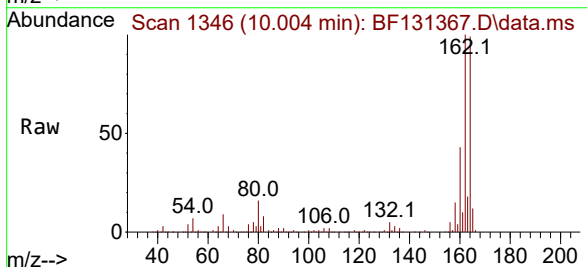
Tgt Ion:165 Resp: 34600

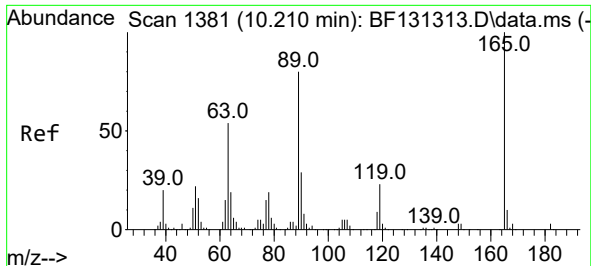
Ion Ratio Lower Upper

165 100

63 1.9 62.0 93.0#

89 1.6 54.4 81.6#

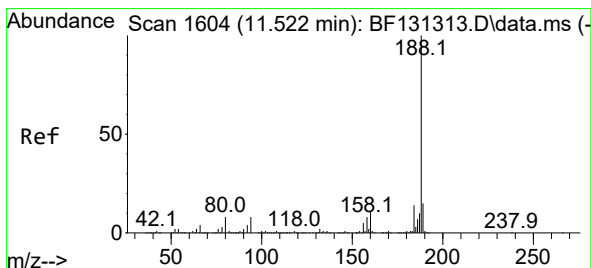
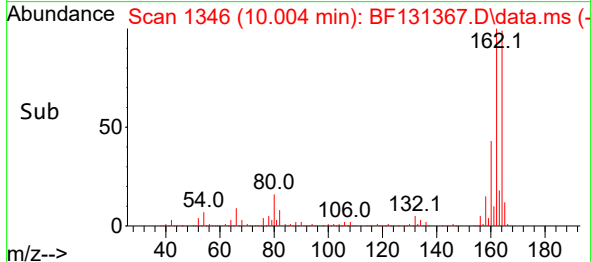
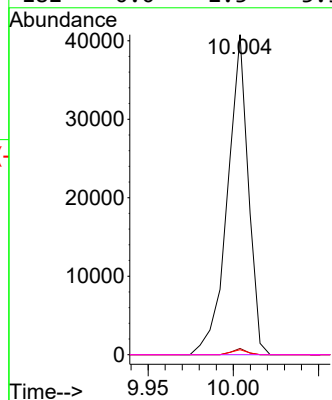
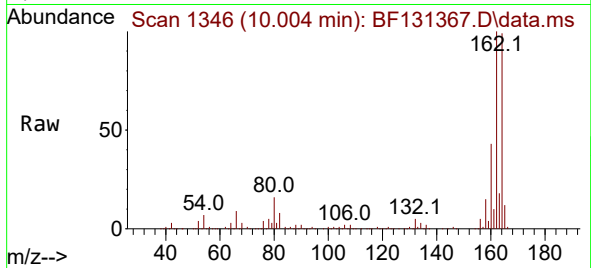




#57
2,4-Dinitrotoluene
Concen: 7.185 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

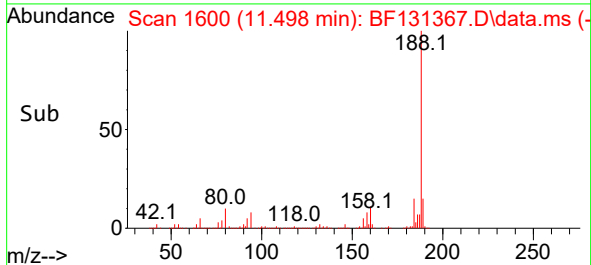
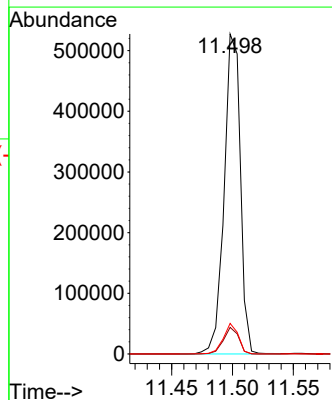
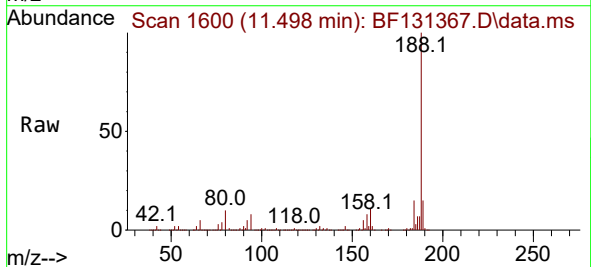
Instrument :
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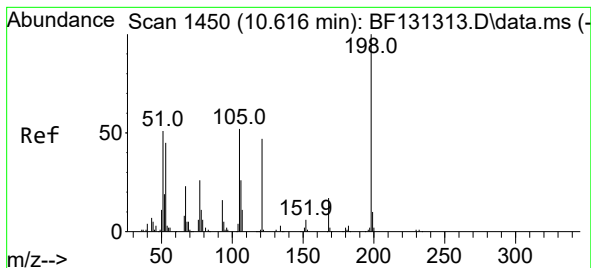
Tgt Ion:165 Resp: 34600
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion:188 Resp: 490058
Ion Ratio Lower Upper
188 100
94 8.3 6.3 9.5
80 9.6 6.8 10.2

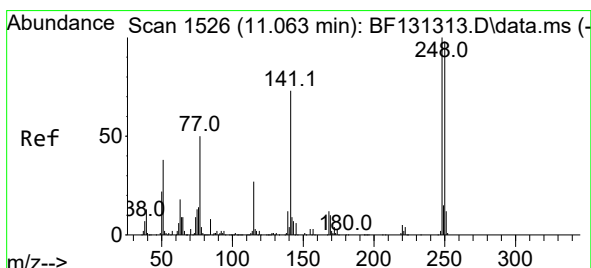
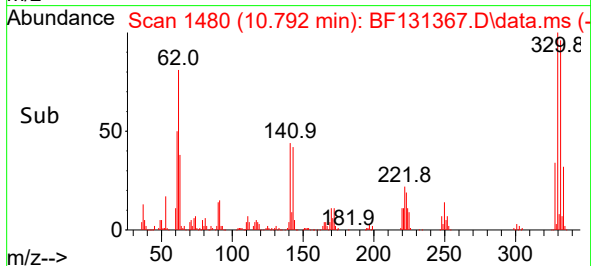
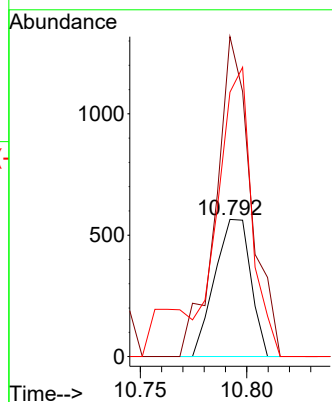
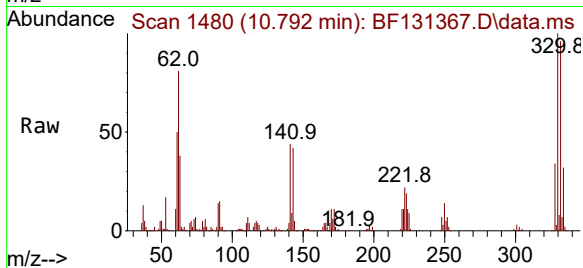




#65
4,6-Dinitro-2-methylphenol
Concen: 4.926 ng
RT: 10.792 min Scan# 1450
Delta R.T. 0.188 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

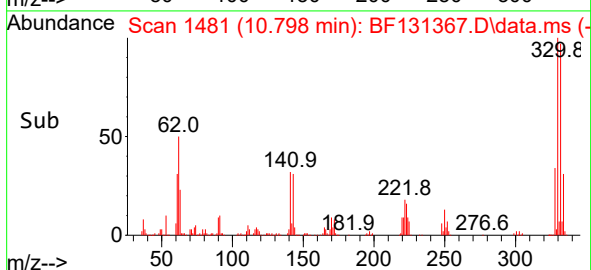
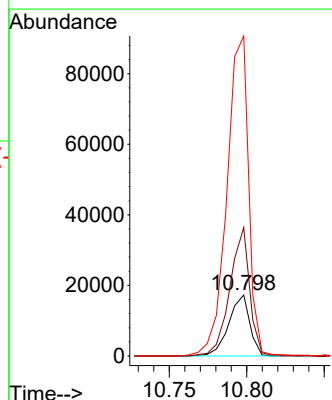
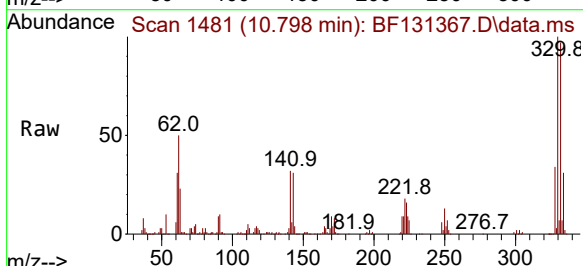
Instrument :
BNA_F
ClientSampleId :
MH-14

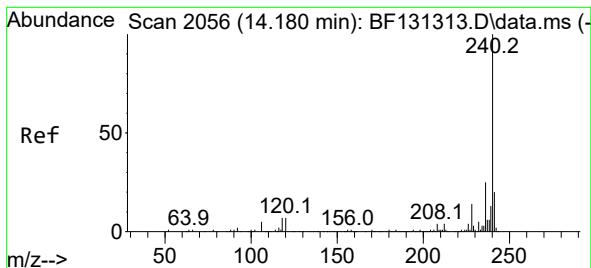
Tgt Ion:198 Resp: 662
Ion Ratio Lower Upper
198 100
51 233.3 50.1 90.1#
105 192.7 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 2.711 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Tgt Ion:248 Resp: 16282
Ion Ratio Lower Upper
248 100
250 210.3 78.3 117.5#
141 524.5 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BF131367.D

Acq: 23 Nov 2022 18:19

Instrument :

BNA_F

ClientSampleId :

MH-14

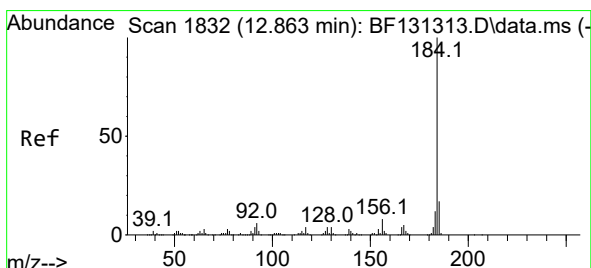
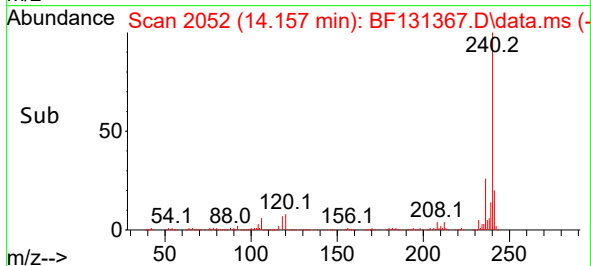
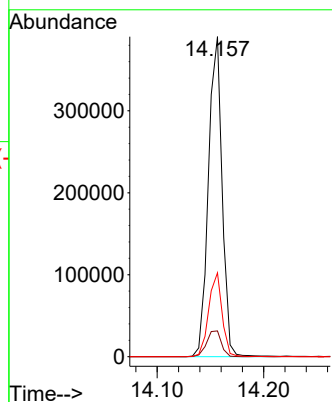
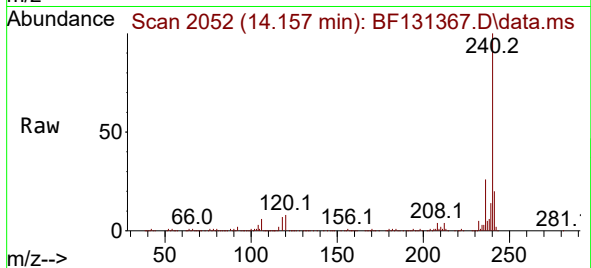
Tgt Ion:240 Resp: 349866

Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

236 26.2 20.3 30.5



#77

Benzidine

Concen: 2.285 ng

RT: 13.098 min Scan# 1872

Delta R.T. 0.253 min

Lab File: BF131367.D

Acq: 23 Nov 2022 18:19

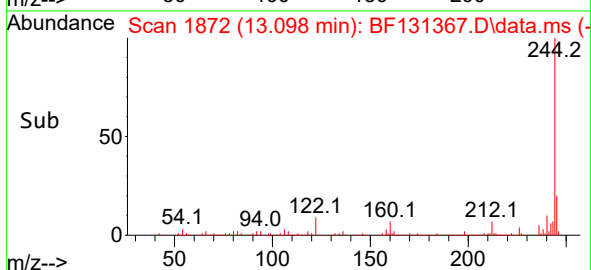
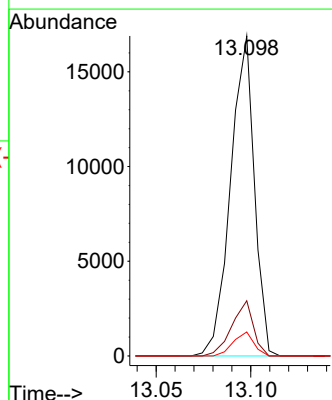
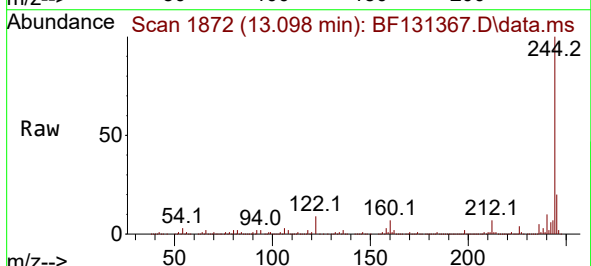
Tgt Ion:184 Resp: 14769

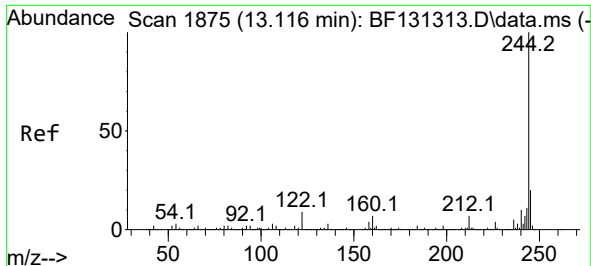
Ion Ratio Lower Upper

184 100

185 17.2 13.8 20.8

183 7.5 9.6 14.4#

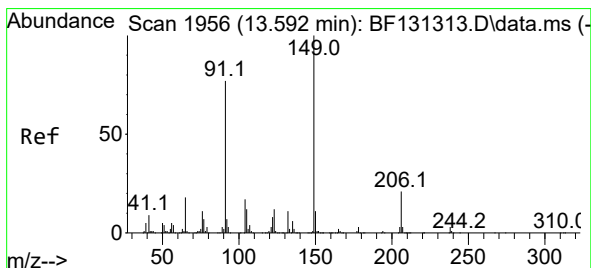
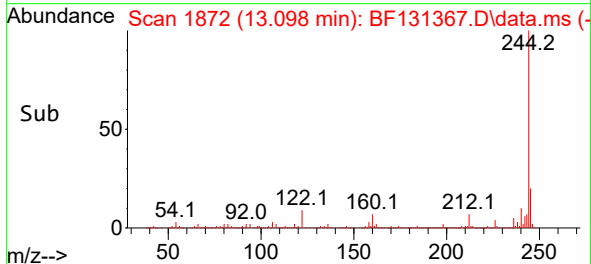
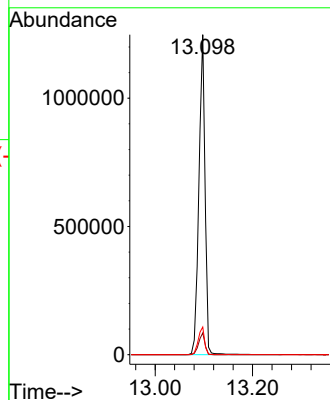
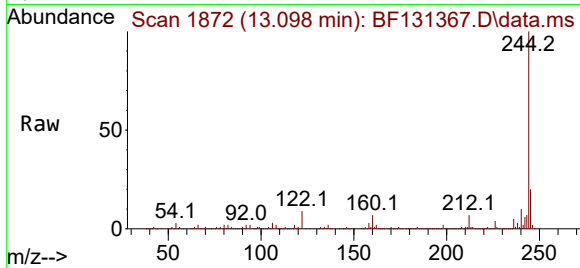




#79
 Terphenyl-d14
 Concen: 51.598 ng
 RT: 13.098 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF131367.D
 Acq: 23 Nov 2022 18:19

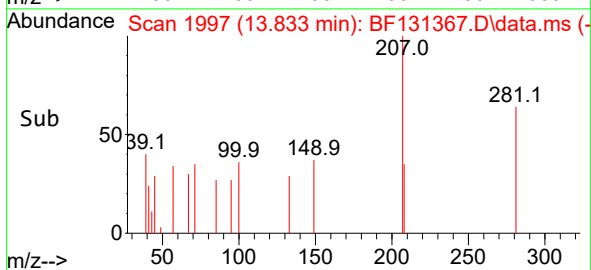
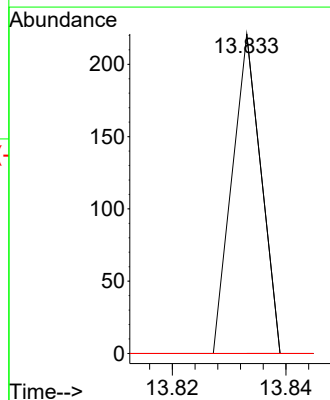
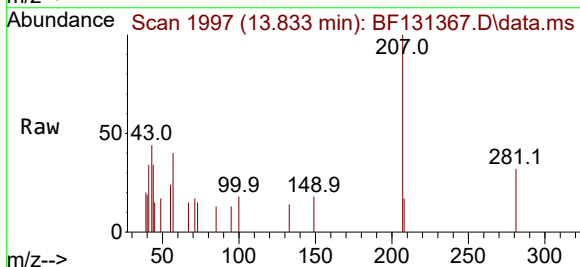
Instrument :
 BNA_F
 ClientSampleId :
 MH-14

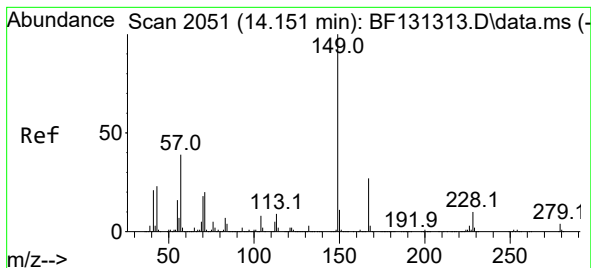
Tgt Ion:244 Resp: 1103939
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.7 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.150 ng
 RT: 13.833 min Scan# 1997
 Delta R.T. 0.259 min
 Lab File: BF131367.D
 Acq: 23 Nov 2022 18:19

Tgt Ion:149 Resp: 78
 Ion Ratio Lower Upper
 149 100
 91 0.0 61.9 92.9#
 206 0.0 16.5 24.7#

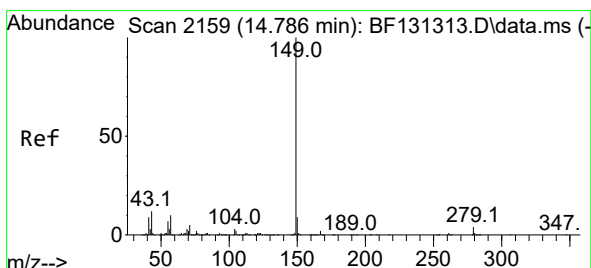
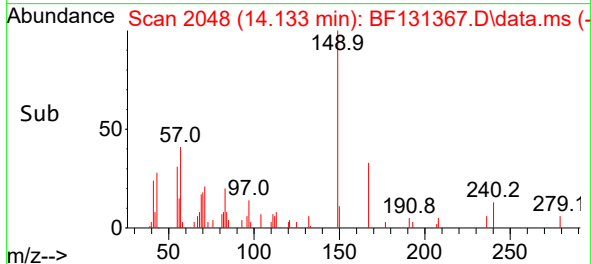
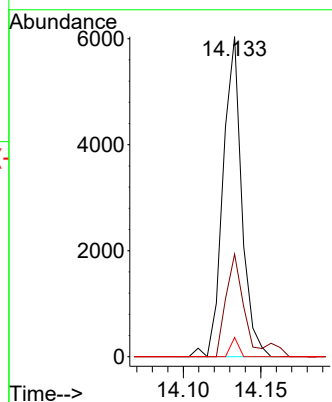
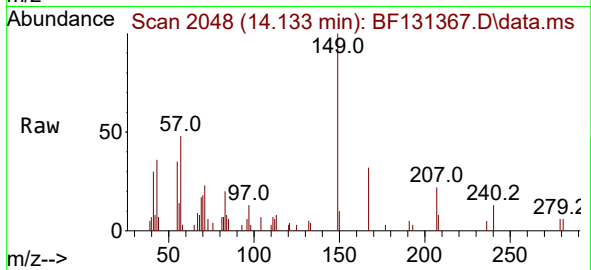




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.087 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

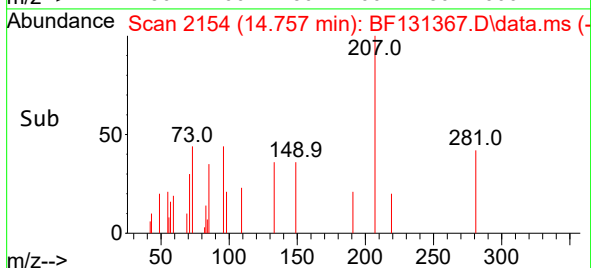
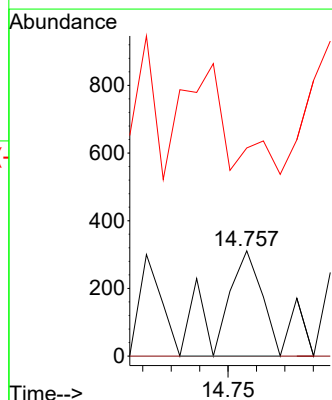
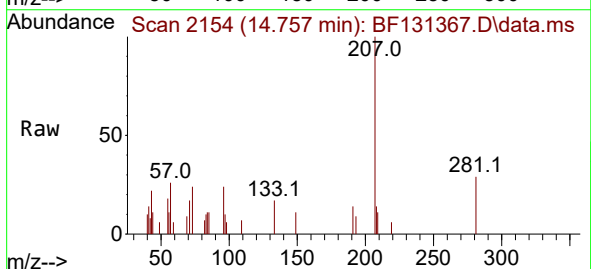
Instrument :
BNA_F
ClientSampleId :
MH-14

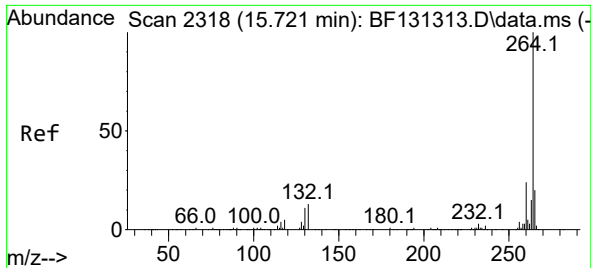
Tgt Ion:149 Resp: 5061
Ion Ratio Lower Upper
149 100
167 32.0 21.9 32.9
279 6.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.920 ng
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

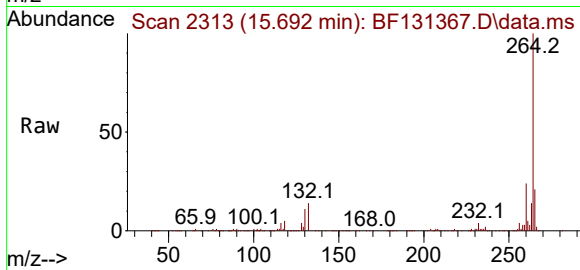
Tgt Ion:149 Resp: 320
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 108.4 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131367.D
Acq: 23 Nov 2022 18:19

Instrument :
BNA_F
ClientSampleId :
MH-14



Tgt Ion:264 Resp: 275038
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.4 16.4 24.6

