

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131325.D
 Acq On : 22 Nov 2022 11:59
 Operator : CG\JU
 Sample : PB149062BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149062BL

Quant Time: Nov 23 03:24:30 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 22 01:17:52 2022
 Response via : Initial Calibration

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

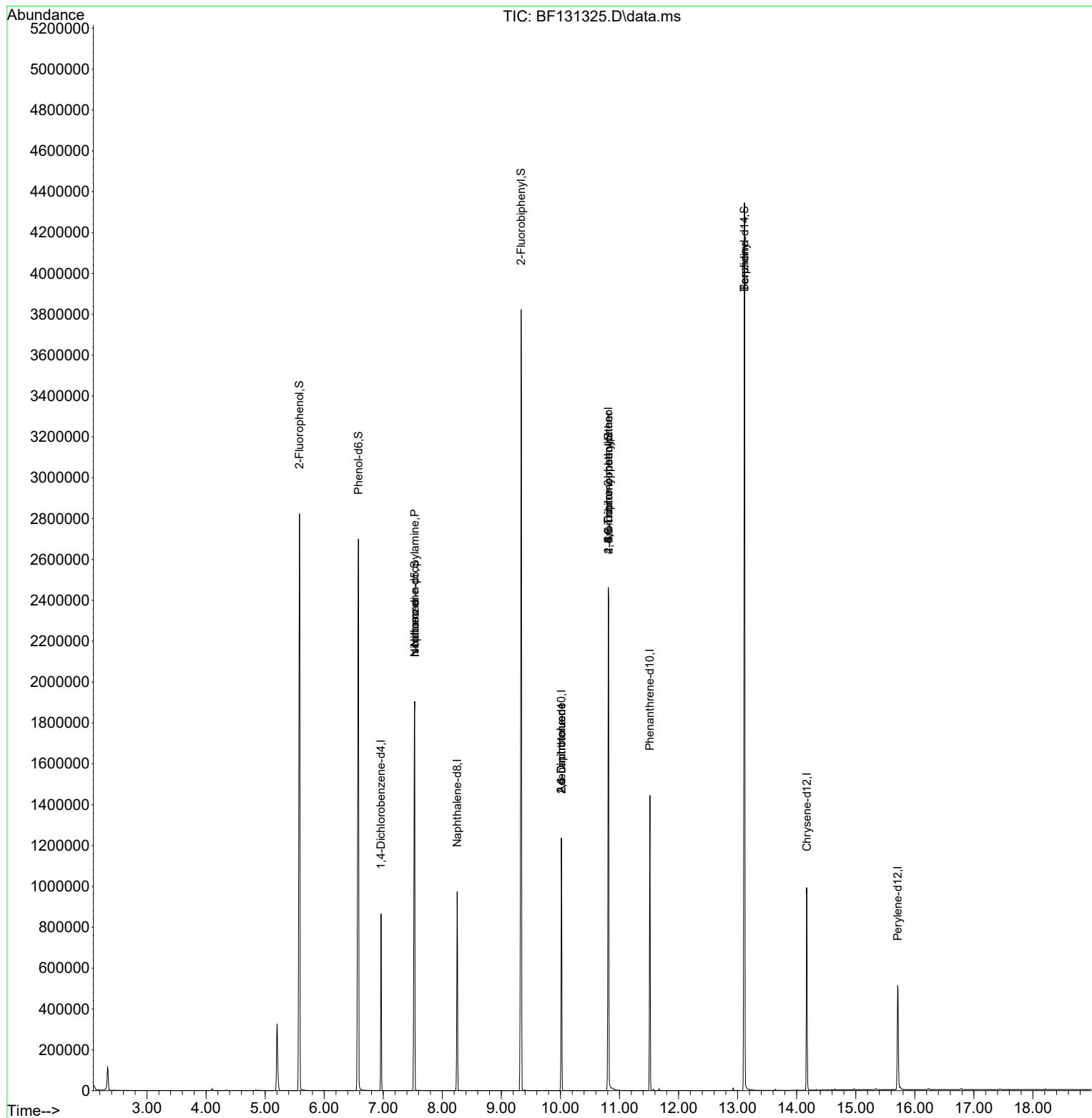
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	112744	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	417325	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	249877	20.000	ng	-0.01
64) Phenanthrene-d10	11.516	188	492172	20.000	ng	0.00
76) Chrysene-d12	14.174	240	360322	20.000	ng	0.00
86) Perylene-d12	15.710	264	261817	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	807378	136.292	ng	0.01
7) Phenol-d6	6.581	99	1002384	132.622	ng	0.00
23) Nitrobenzene-d5	7.534	82	685403	82.790	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	313537	149.145	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1330038	77.437	ng	0.00
79) Terphenyl-d14	13.116	244	1759580	79.856	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	1835	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.534	70	95171	17.201	ng	# 75
25) Isophorone	7.534	82	685295	46.397	ng	# 68
51) 2,6-Dinitrotoluene	10.016	165	31842	9.145	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	31842	7.269	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	710	4.950	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	21248	3.522	ng	# 1
77) Benzidine	13.116	184	23688	3.559	ng	# 92

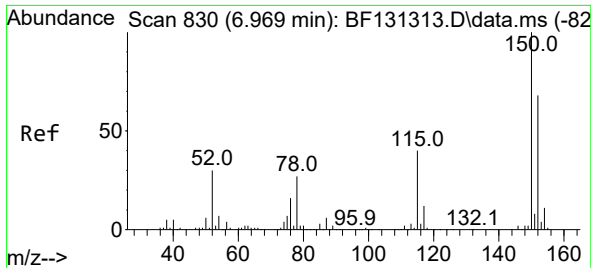
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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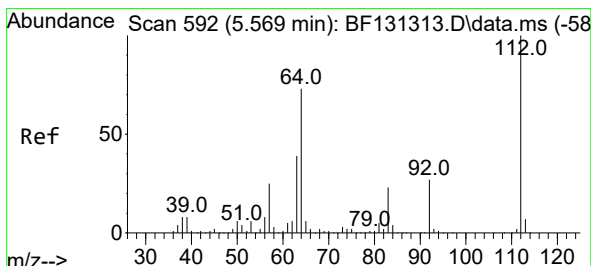
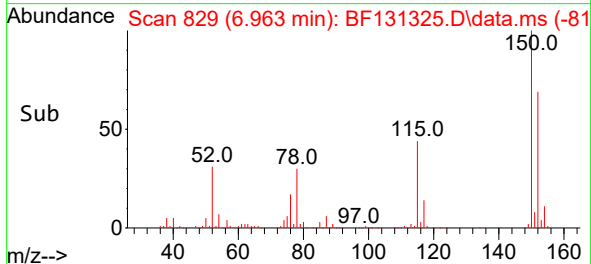
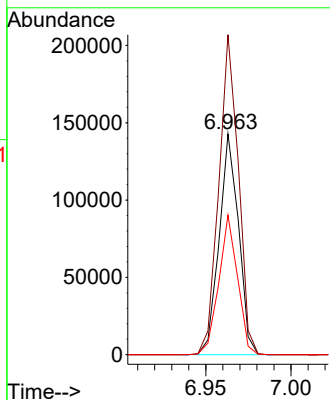
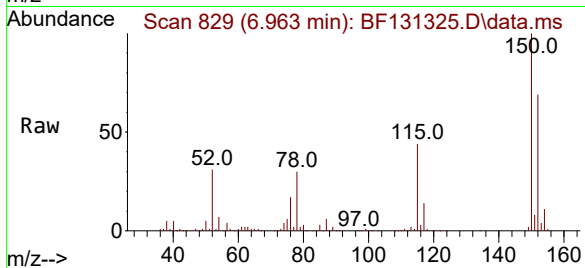




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

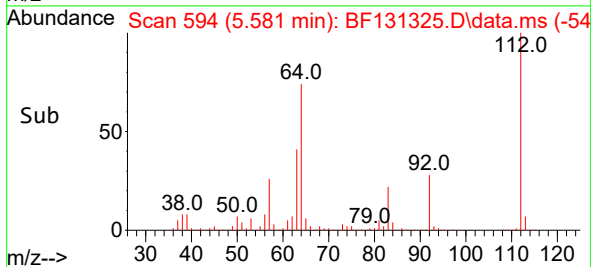
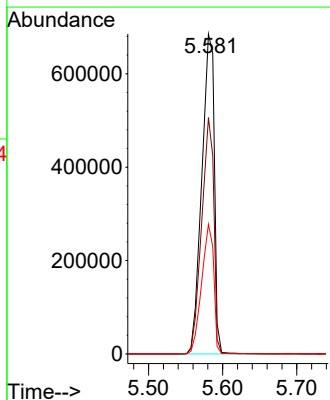
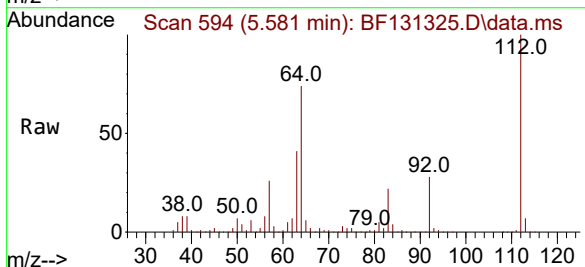
Instrument :
BNA_F
ClientSampleId :
PB149062BL

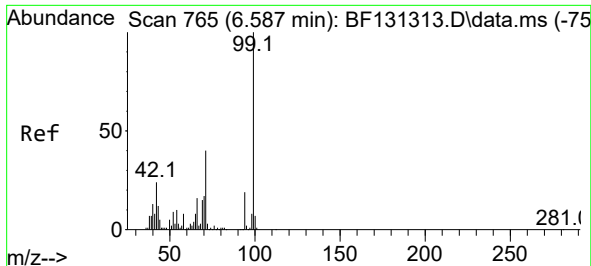
Tgt Ion:152 Resp: 112744
Ion Ratio Lower Upper
152 100
150 145.0 117.8 176.8
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 136.292 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.012 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion:112 Resp: 807378
Ion Ratio Lower Upper
112 100
64 73.9 58.6 88.0
63 40.5 31.4 47.0

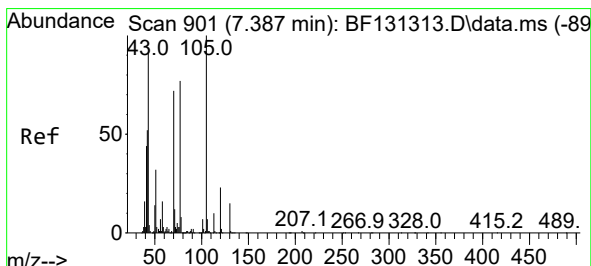
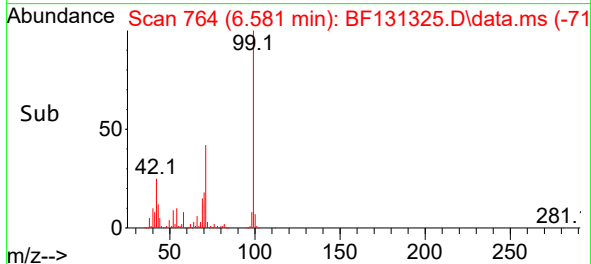
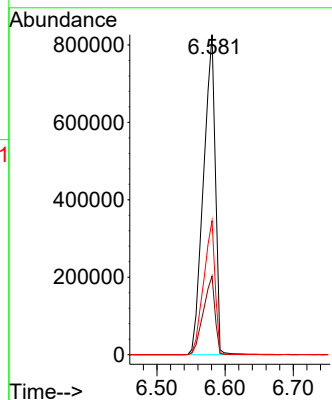
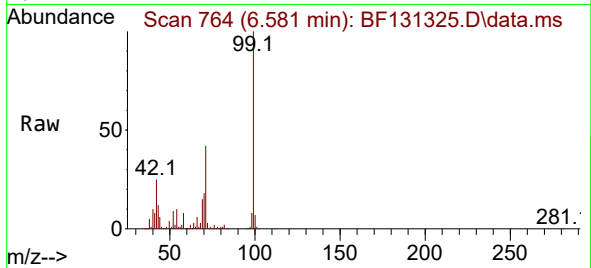




#7
Phenol-d6
Concen: 132.622 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

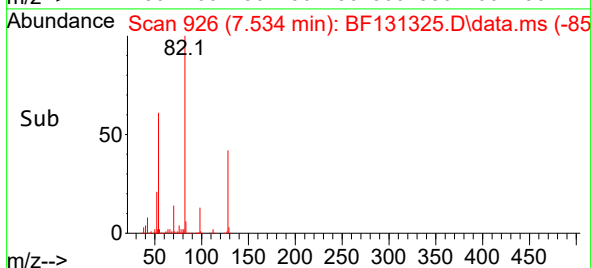
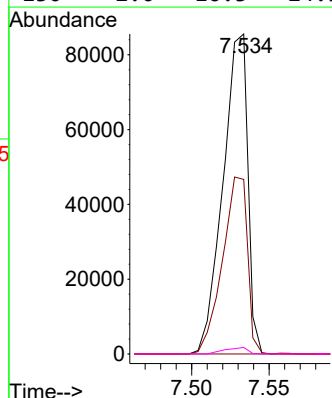
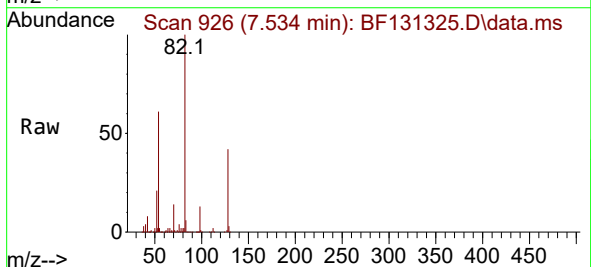
Instrument :
BNA_F
ClientSampleId :
PB149062BL

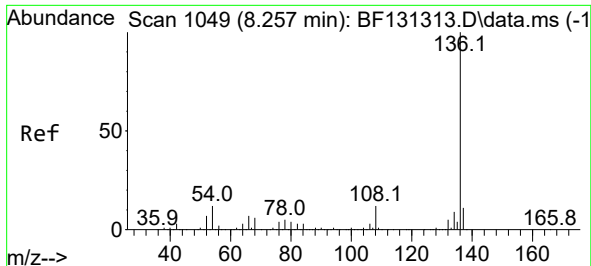
Tgt Ion: 99 Resp: 1002384
Ion Ratio Lower Upper
99 100
42 24.5 19.4 29.2
71 41.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.201 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.147 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion: 70 Resp: 95171
Ion Ratio Lower Upper
70 100
42 54.6 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

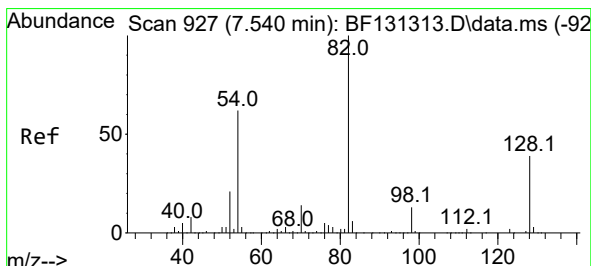
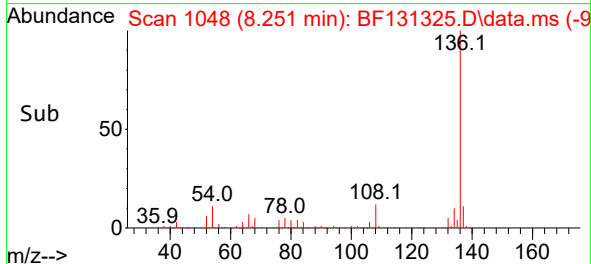
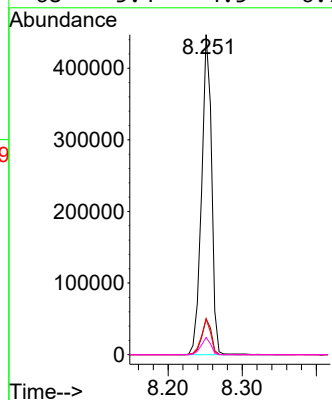
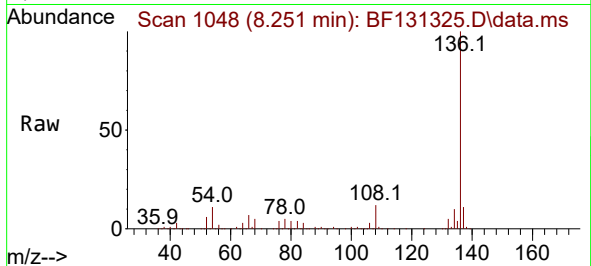




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

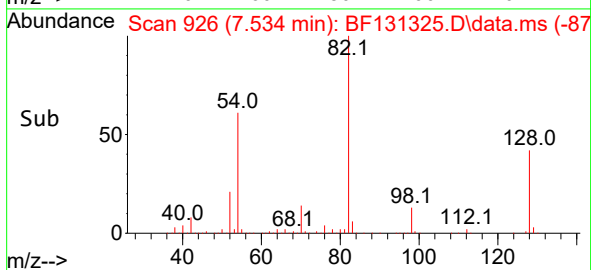
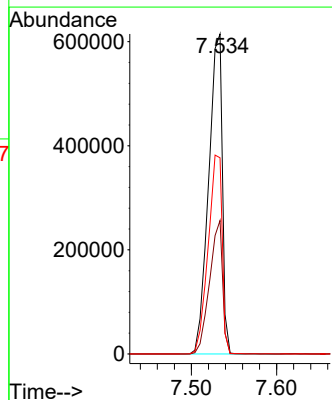
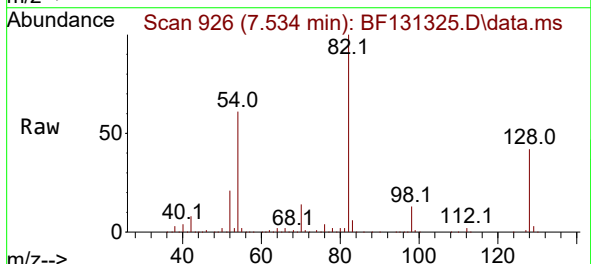
Instrument :
BNA_F
ClientSampleId :
PB149062BL

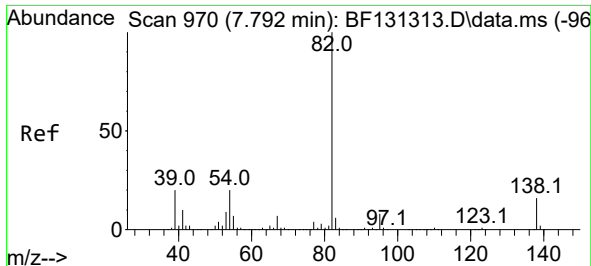
Tgt Ion:136 Resp: 417325
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 11.2 9.4 14.0
68 5.4 4.5 6.7



#23
Nitrobenzene-d5
Concen: 82.790 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion: 82 Resp: 685403
Ion Ratio Lower Upper
82 100
128 41.7 31.4 47.0
54 61.3 49.8 74.6

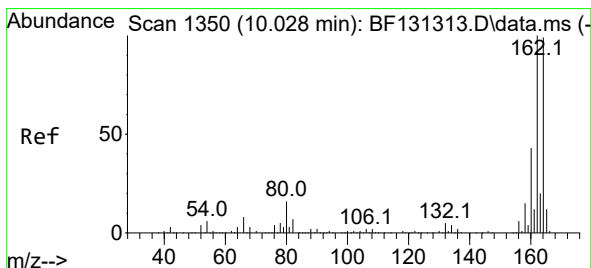
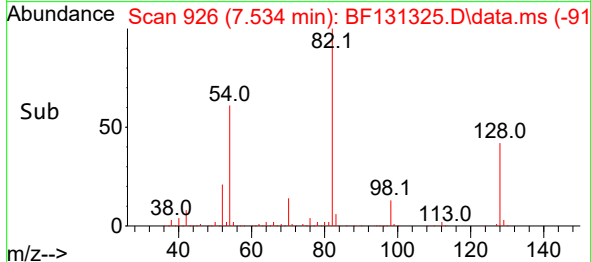
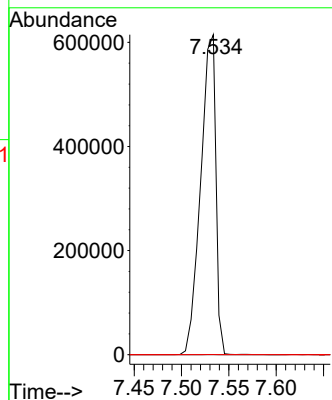
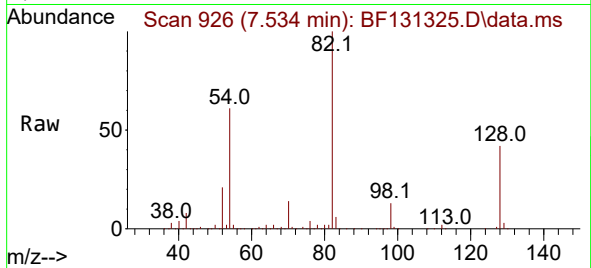




#25
Isophorone
Concen: 46.397 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

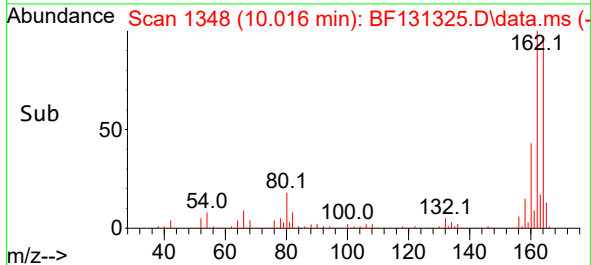
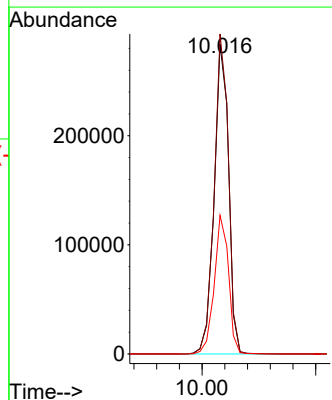
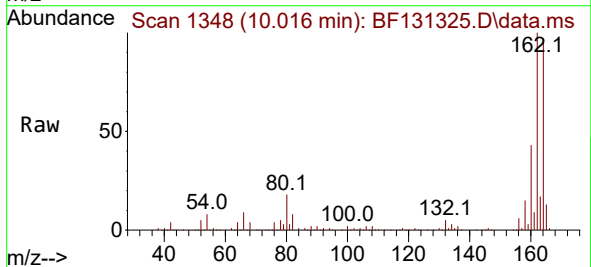
Instrument :
BNA_F
ClientSampleId :
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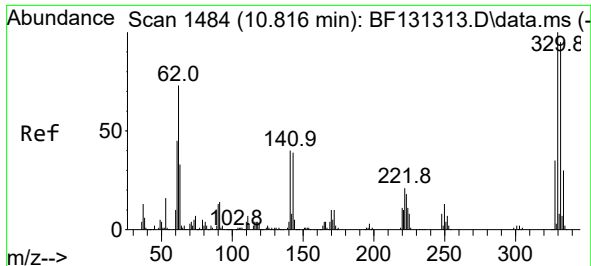
Tgt Ion: 82 Resp: 685295
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.012 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

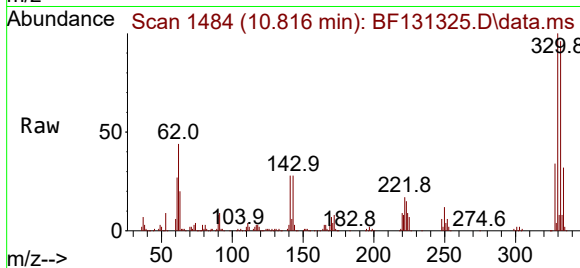
Tgt Ion:164 Resp: 249877
Ion Ratio Lower Upper
164 100
162 103.3 80.6 120.8
160 44.7 34.4 51.6



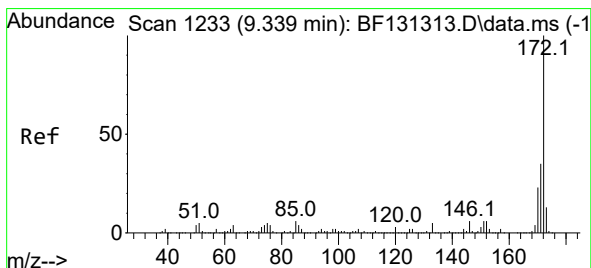
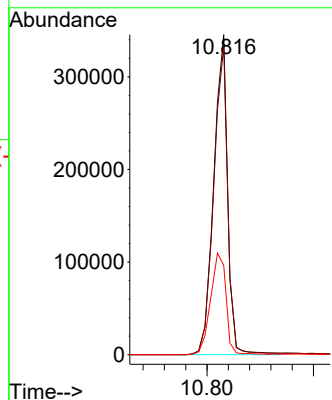
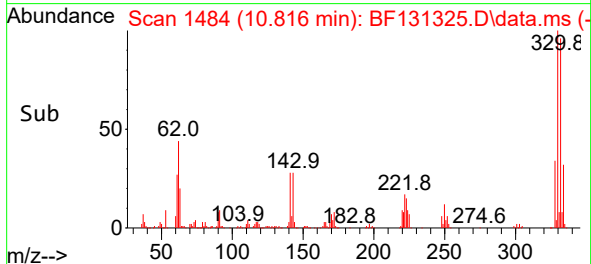


#42
2,4,6-Tribromophenol
Concen: 149.145 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Instrument :
BNA_F
ClientSampleId :
PB149062BL

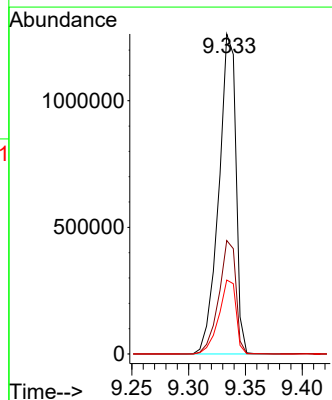
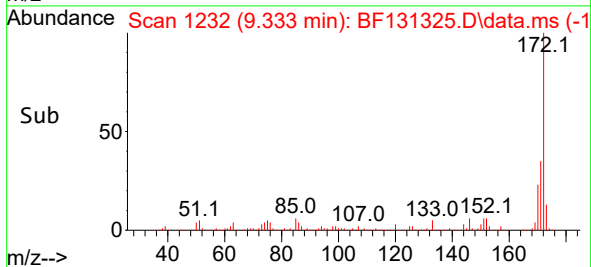
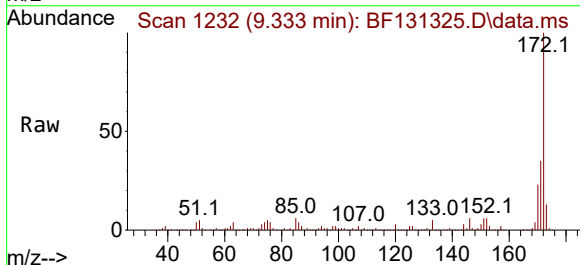


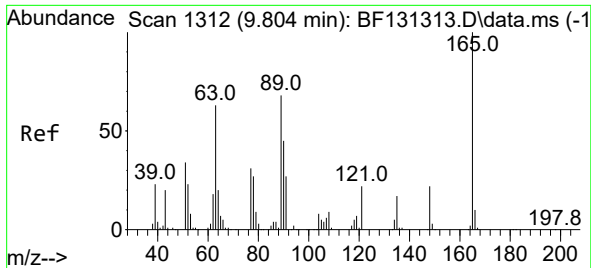
Tgt Ion:330 Resp: 313537
Ion Ratio Lower Upper
330 100
332 99.0 77.5 116.3
141 35.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 77.437 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion:172 Resp: 1330038
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.1 18.7 28.1

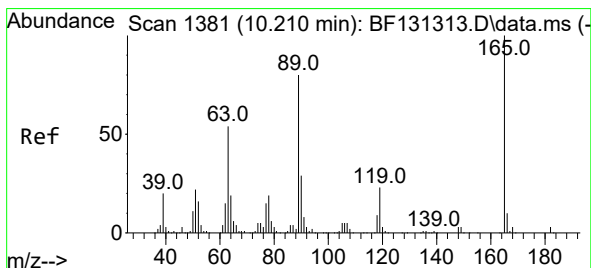
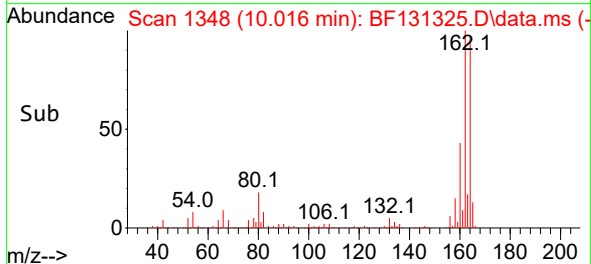
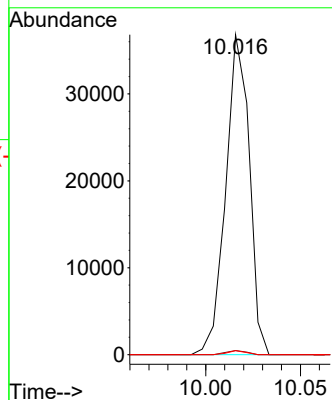
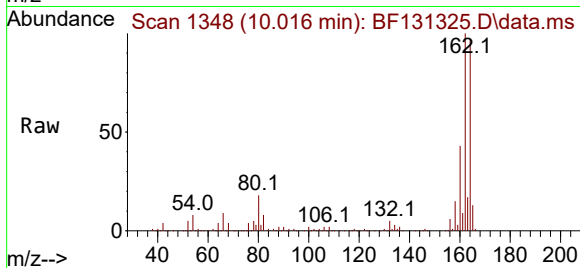




#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

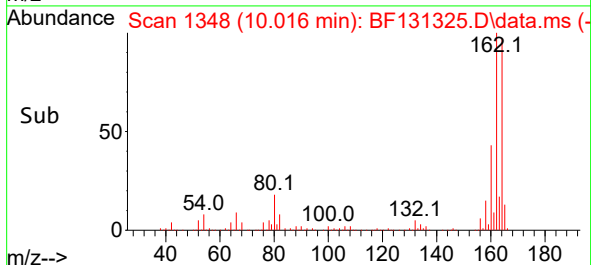
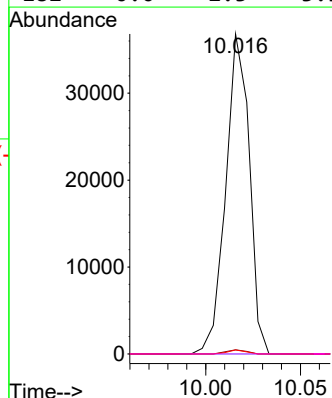
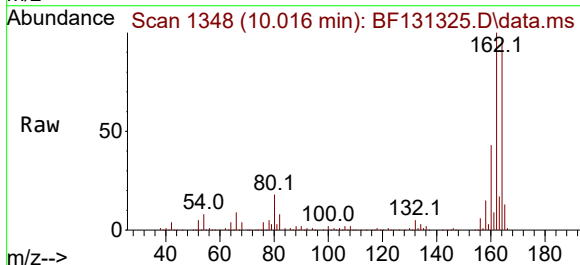
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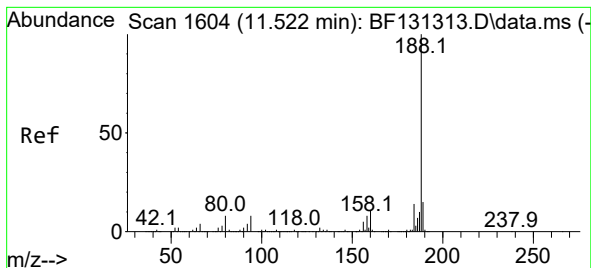
Tgt Ion:165 Resp: 31842
Ion Ratio Lower Upper
165 100
63 1.3 62.0 93.0#
89 1.3 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.269 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.194 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Tgt Ion:165 Resp: 31842
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.2#
89 1.3 64.0 96.0#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.516 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB149062BL

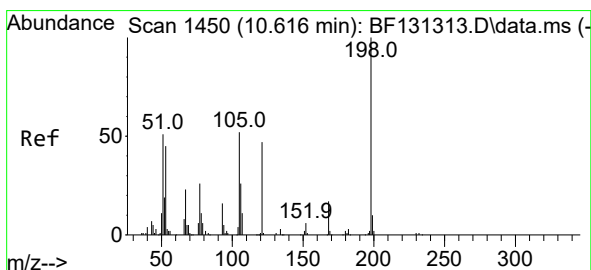
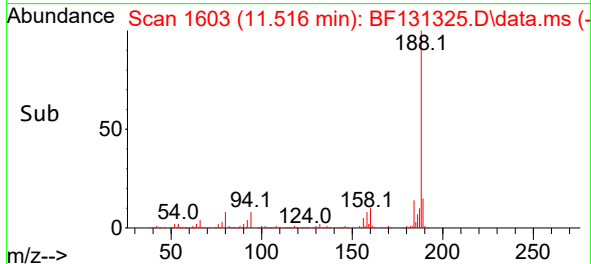
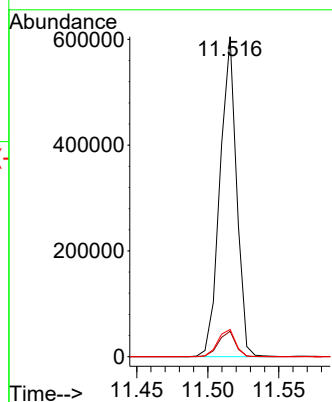
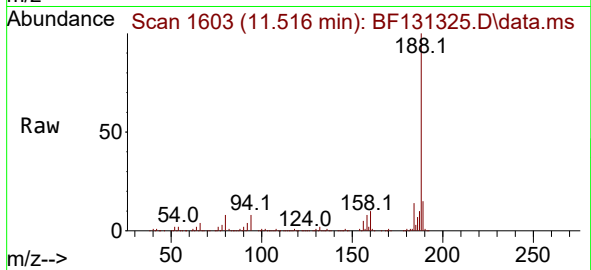
Tgt Ion:188 Resp: 492172

Ion Ratio Lower Upper

188 100

94 8.0 6.3 9.5

80 8.5 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.950 ng

RT: 10.810 min Scan# 1483

Delta R.T. 0.194 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

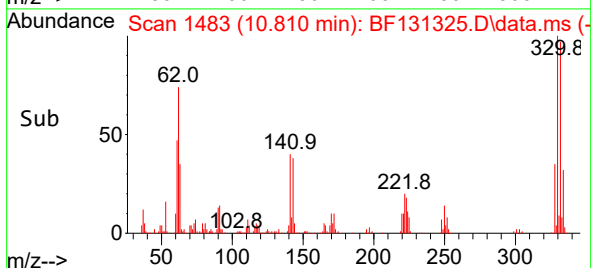
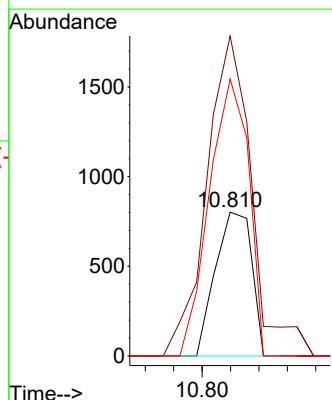
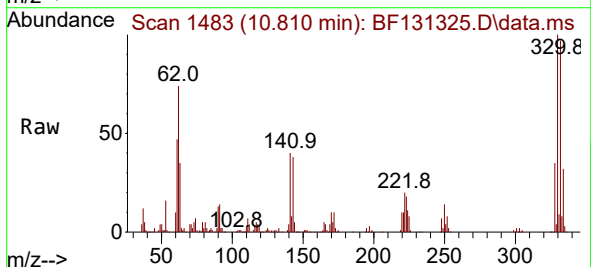
Tgt Ion:198 Resp: 710

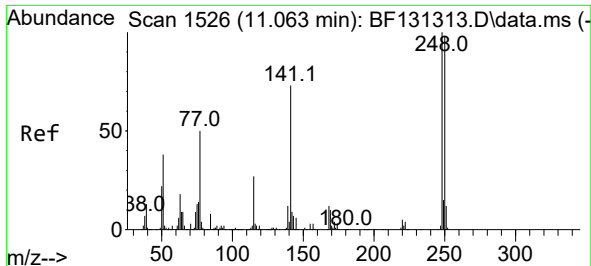
Ion Ratio Lower Upper

198 100

51 222.6 50.1 90.1#

105 192.6 32.5 72.5#





#67

4-Bromophenyl-phenylether

Concen: 3.522 ng

RT: 10.816 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

Instrument :

BNA_F

ClientSampleId :

PB149062BL

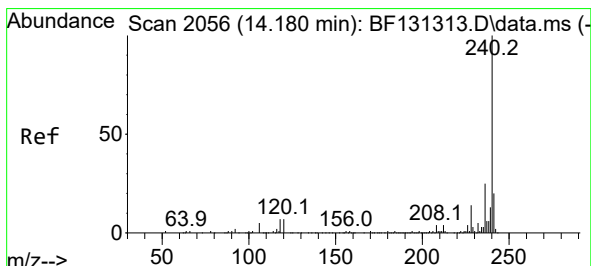
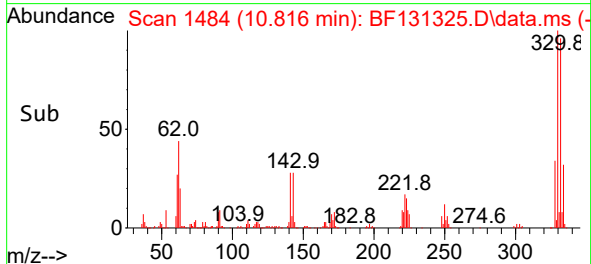
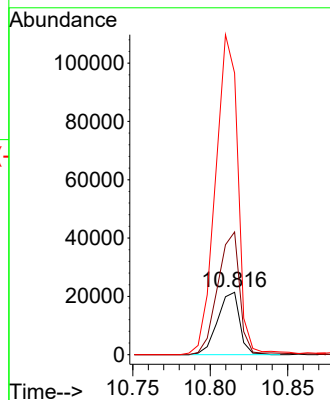
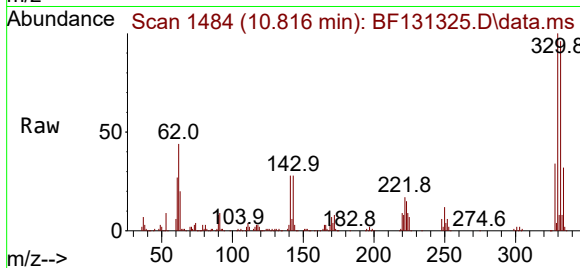
Tgt Ion:248 Resp: 21248

Ion Ratio Lower Upper

248 100

250 196.7 78.3 117.5#

141 451.6 58.0 87.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.174 min Scan# 2055

Delta R.T. -0.006 min

Lab File: BF131325.D

Acq: 22 Nov 2022 11:59

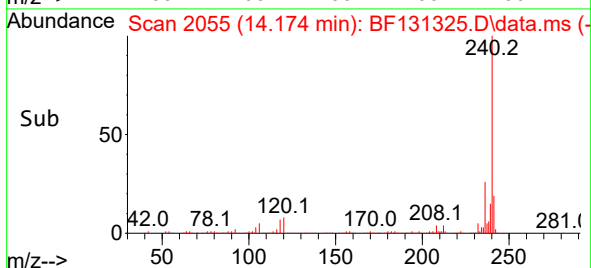
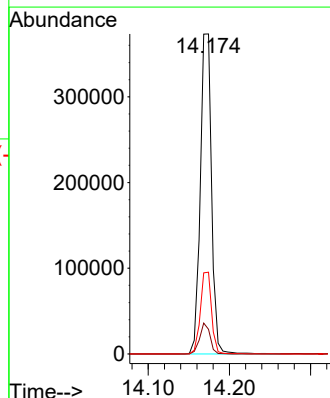
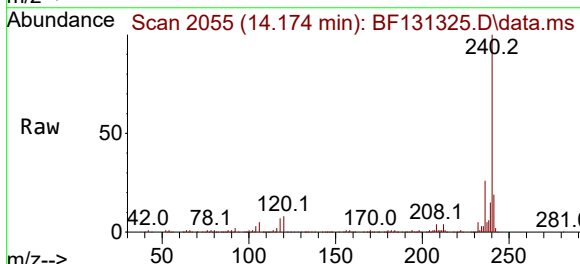
Tgt Ion:240 Resp: 360322

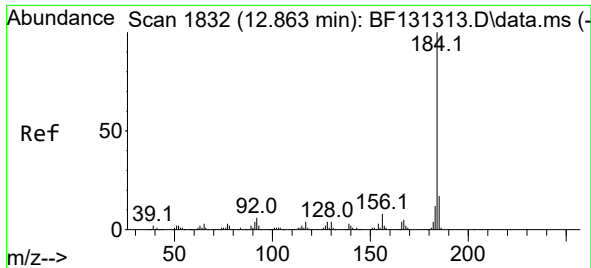
Ion Ratio Lower Upper

240 100

120 7.7 5.8 8.8

236 25.5 20.3 30.5

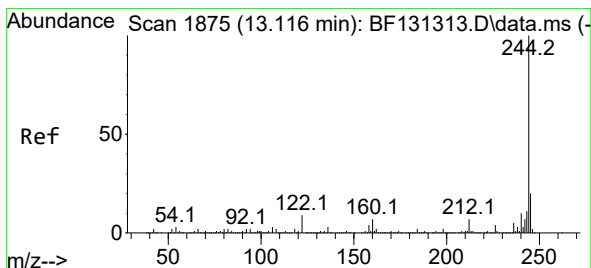
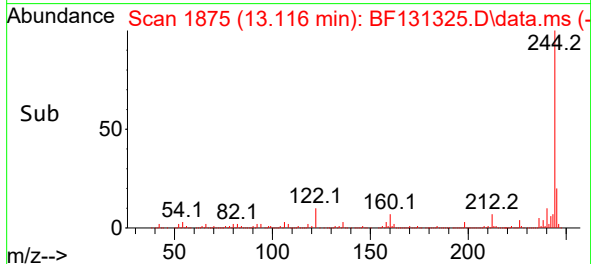
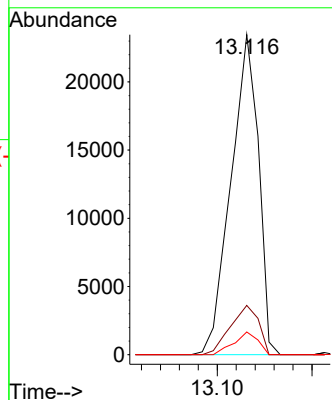
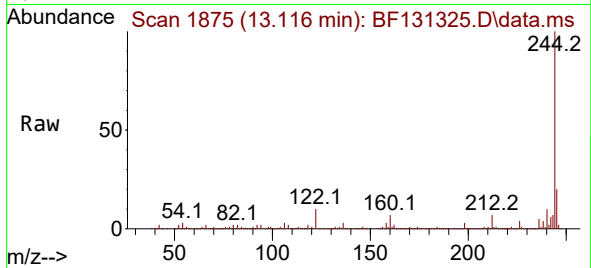




#77
Benzidine
Concen: 3.559 ng
RT: 13.116 min Scan# 1875
Delta R.T. 0.253 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

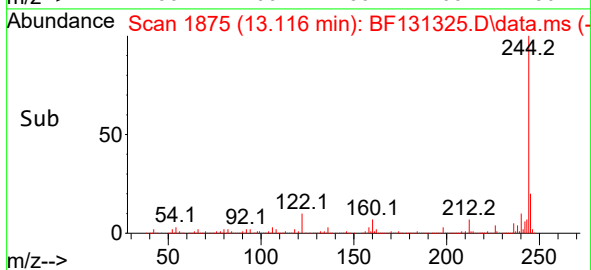
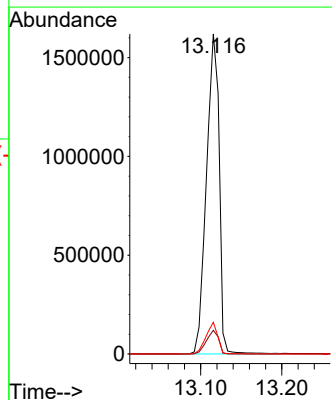
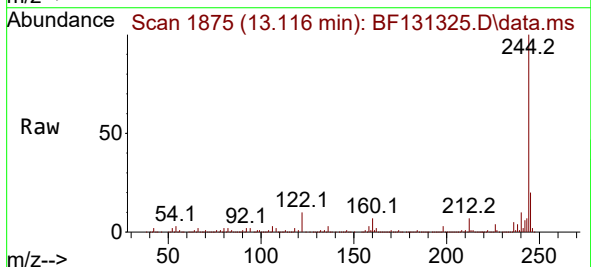
Instrument :
BNA_F
ClientSampleId :
PB149062BL

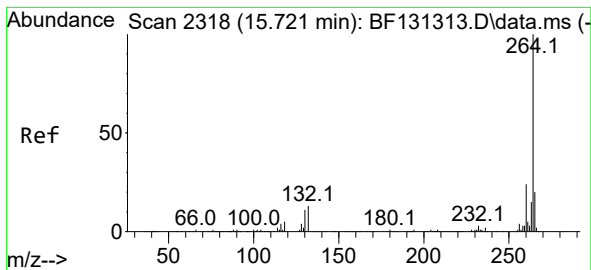
Tgt Ion:184 Resp: 23688
Ion Ratio Lower Upper
184 100
185 15.4 13.8 20.8
183 7.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 79.856 ng
RT: 13.116 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

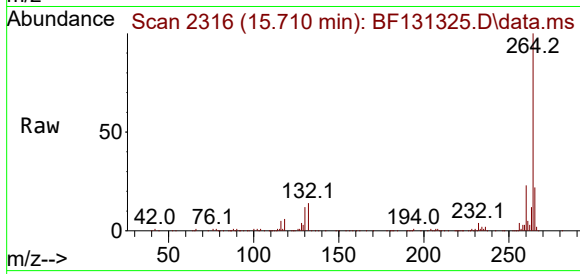
Tgt Ion:244 Resp: 1759580
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.9 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.710 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131325.D
Acq: 22 Nov 2022 11:59

Instrument :
BNA_F
ClientSampleId :
PB149062BL



Tgt Ion:264 Resp: 261817
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.6 16.4 24.6

