

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
 Data File : BF131318.D
 Acq On : 21 Nov 2022 16:03
 Operator : CG\JU
 Sample : PB149123BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149129BL

Quant Time: Nov 22 05:33:37 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)

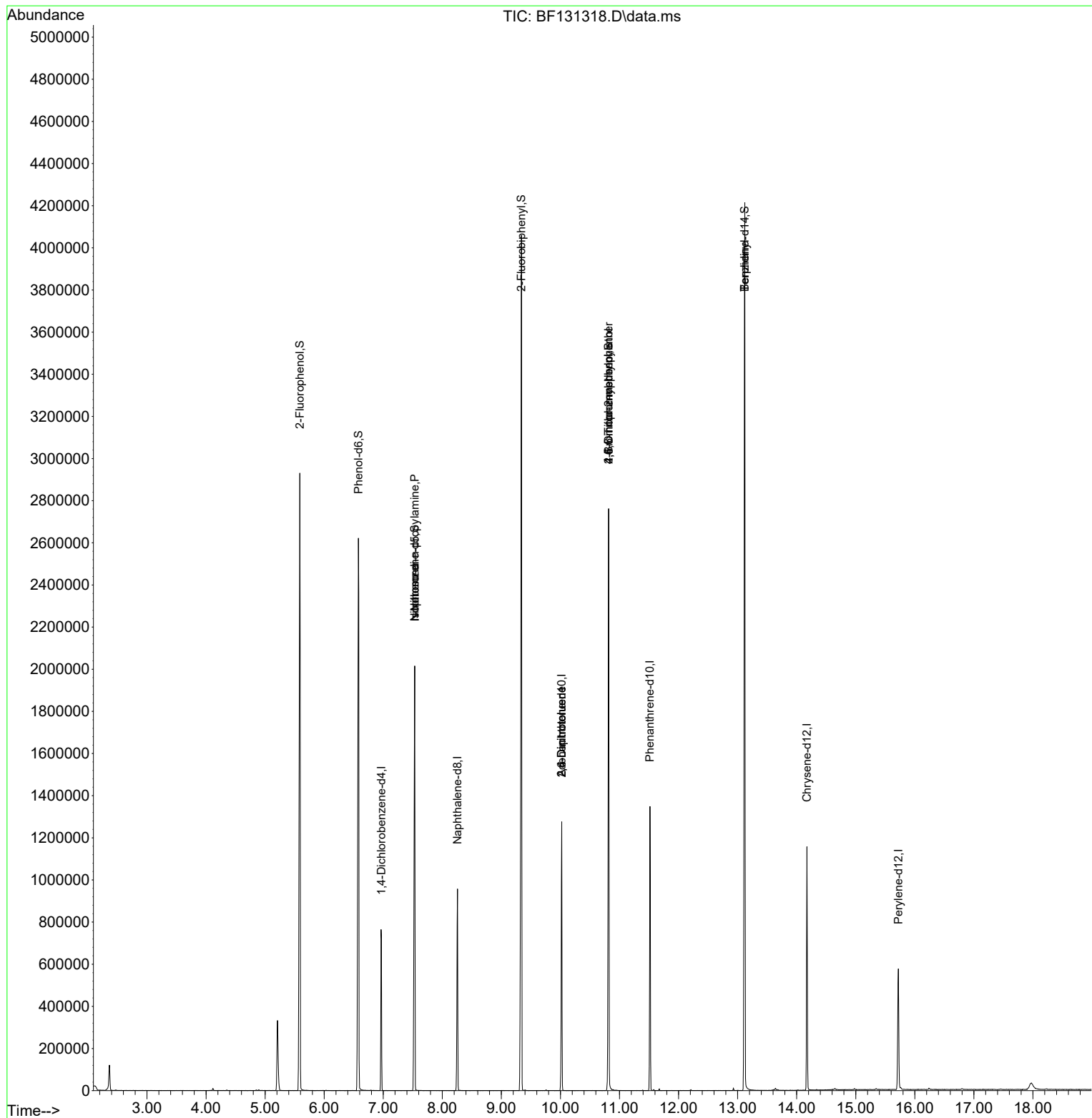
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	420660	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	254264	20.000	ng	0.00
64) Phenanthrene-d10	11.516	188	476207	20.000	ng	0.00
76) Chrysene-d12	14.174	240	380355	20.000	ng	0.00
86) Perylene-d12	15.721	264	280708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	822177	137.214	ng	0.02
7) Phenol-d6	6.581	99	1032194	135.016	ng	0.00
23) Nitrobenzene-d5	7.534	82	694957	83.278	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	321609	150.345	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1363964	78.042	ng	0.00
79) Terphenyl-d14	13.121	244	1723227	74.087	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	1576	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.534	70	96630	17.266	ng	# 75
25) Isophorone	7.534	82	692352	46.503	ng	# 68
51) 2,6-Dinitrotoluene	10.022	165	32372	9.137	ng	# 15
57) 2,4-Dinitrotoluene	10.022	165	32372	7.262	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.816	198	744	4.982	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	21131	3.620	ng	# 1
77) Benzidine	13.121	184	22958	3.268	ng	# 94

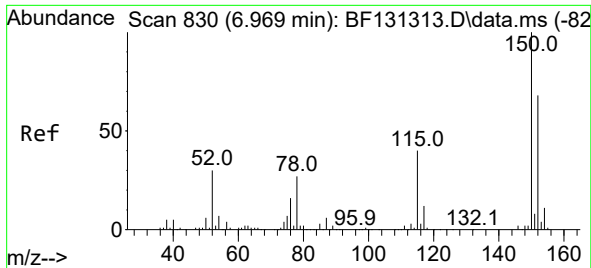
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
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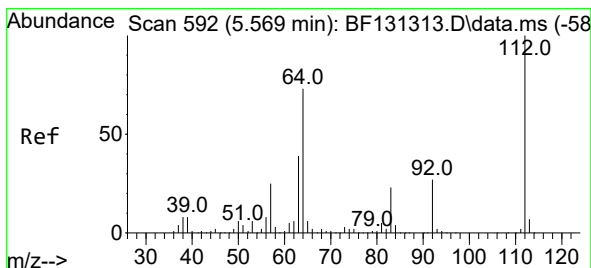
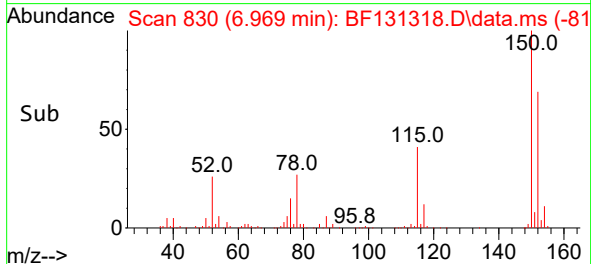
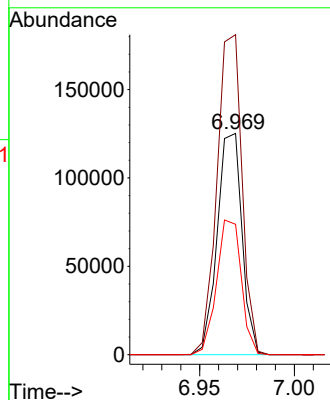
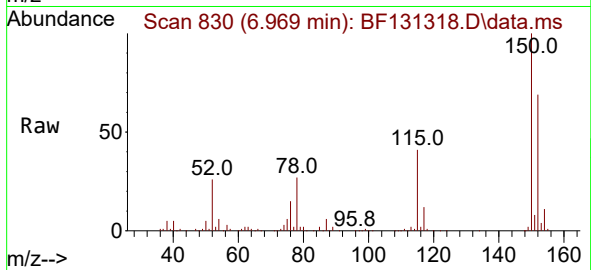




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

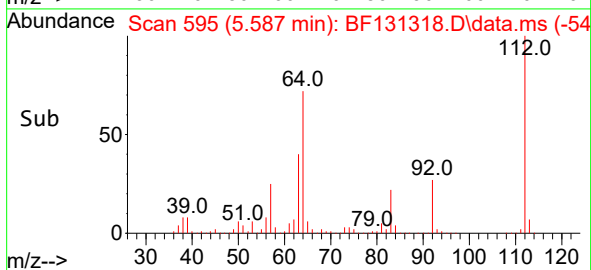
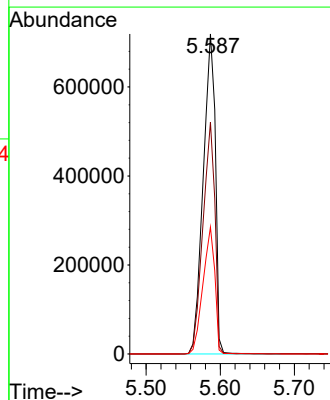
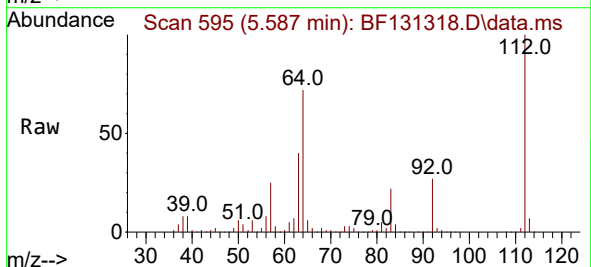
Instrument :
BNA_F
ClientSampleId :
PB149129BL

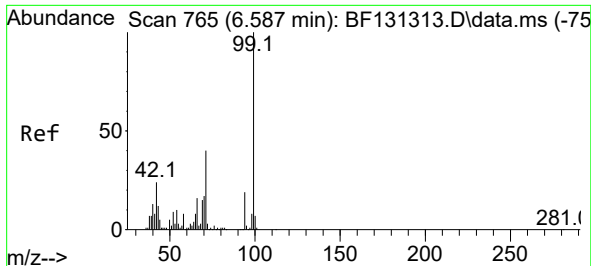
Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 144.6 117.8 176.8
115 59.0 47.1 70.7



#5
2-Fluorophenol
Concen: 137.214 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion:112 Resp: 822177
Ion Ratio Lower Upper
112 100
64 72.4 58.6 88.0
63 39.6 31.4 47.0

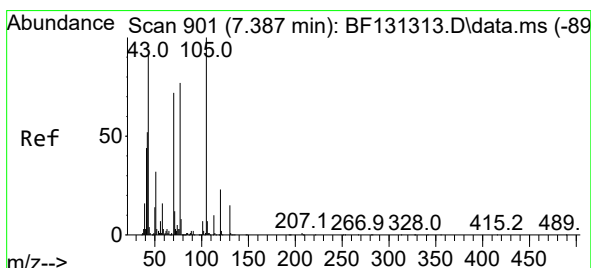
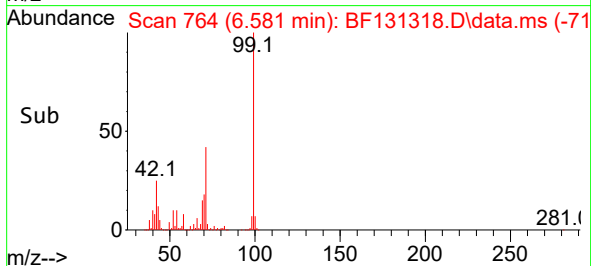
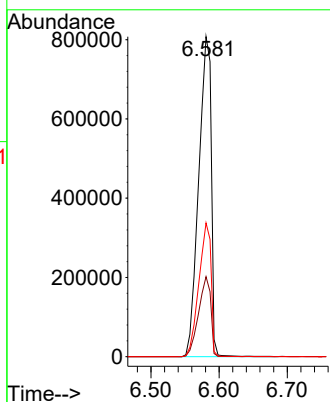
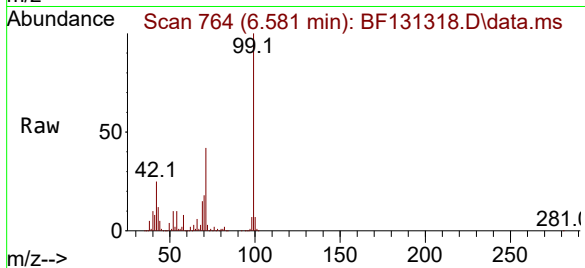




#7
Phenol-d6
Concen: 135.016 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

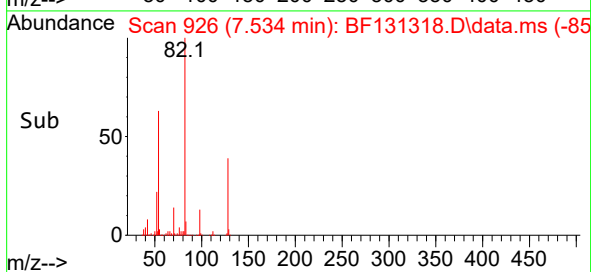
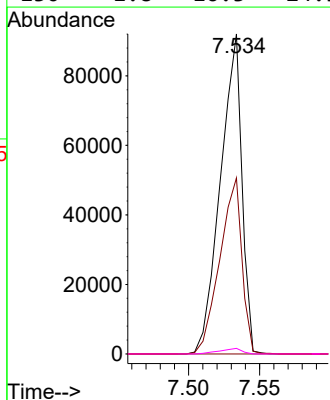
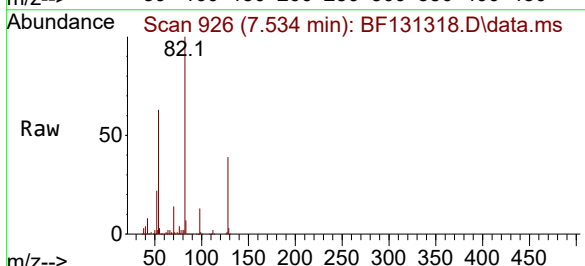
Instrument :
BNA_F
ClientSampleId :
PB149129BL

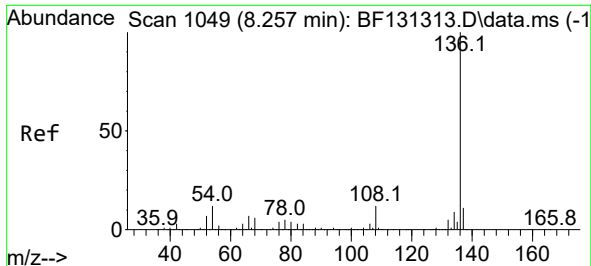
Tgt Ion: 99 Resp: 1032194
Ion Ratio Lower Upper
99 100
42 25.0 19.4 29.2
71 41.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.266 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.147 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion: 70 Resp: 96630
Ion Ratio Lower Upper
70 100
42 55.0 57.6 86.4#
101 0.0 8.2 12.2#
130 1.8 16.3 24.5#

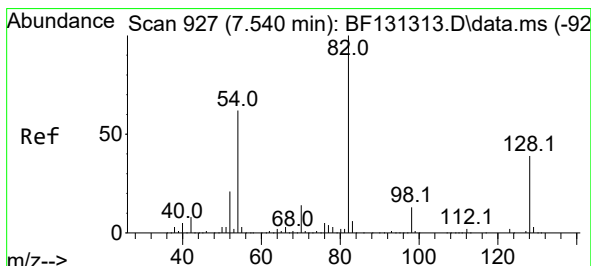
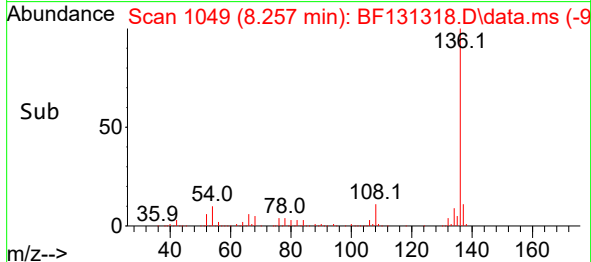
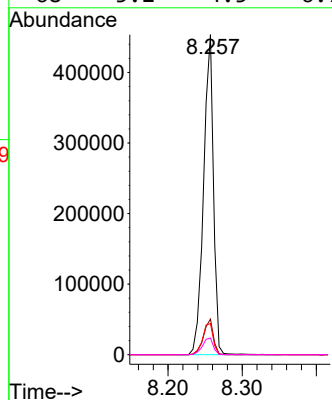
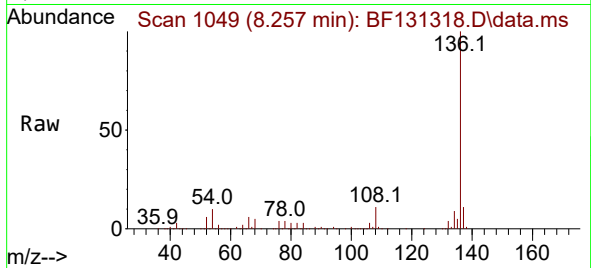




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

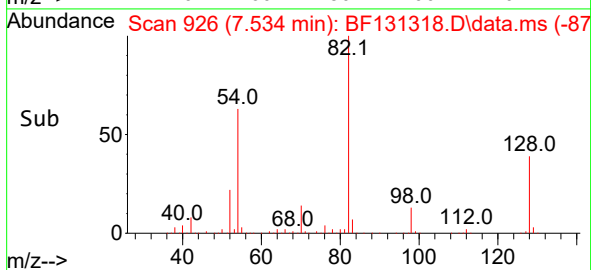
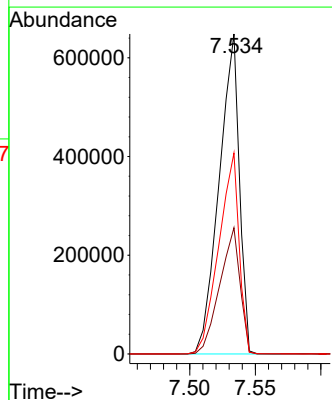
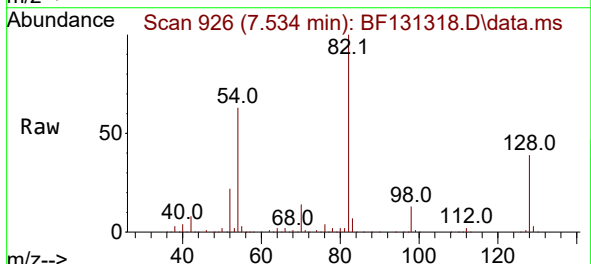
Instrument :
BNA_F
ClientSampleId :
PB149129BL

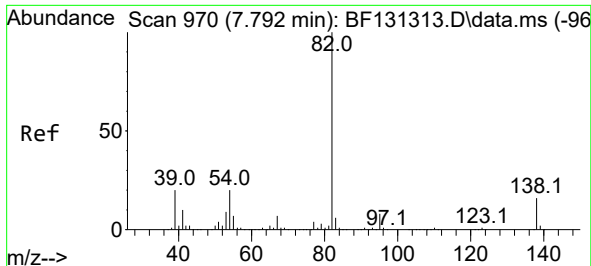
Tgt Ion:136 Resp: 420660
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.7 9.4 14.0
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 83.278 ng
RT: 7.534 min Scan# 926
Delta R.T. -0.006 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion: 82 Resp: 694957
Ion Ratio Lower Upper
82 100
128 39.5 31.4 47.0
54 62.8 49.8 74.6

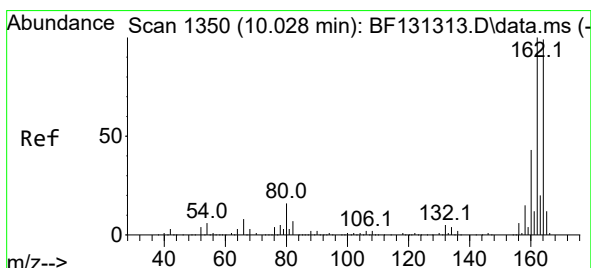
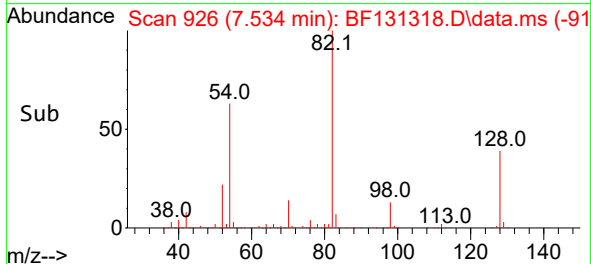
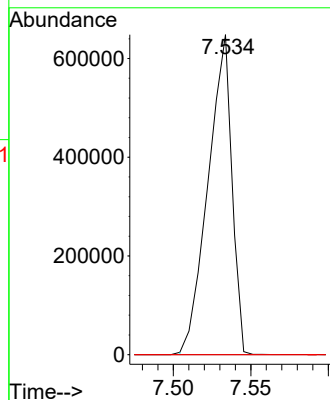
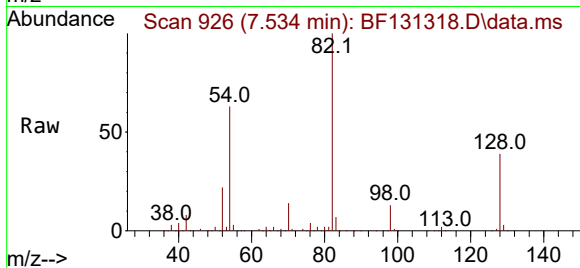




#25
Isophorone
Concen: 46.503 ng
RT: 7.534 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

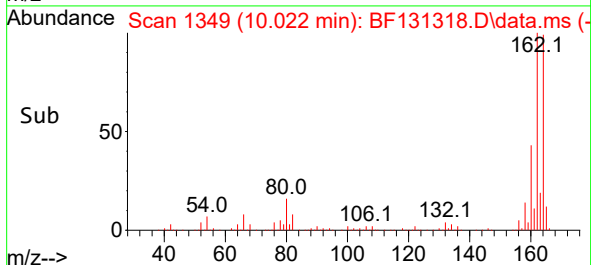
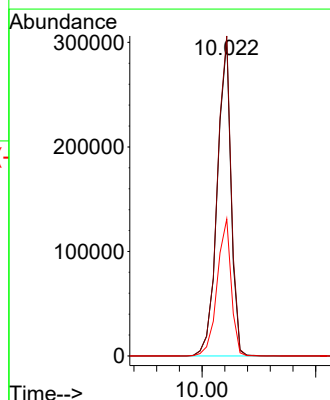
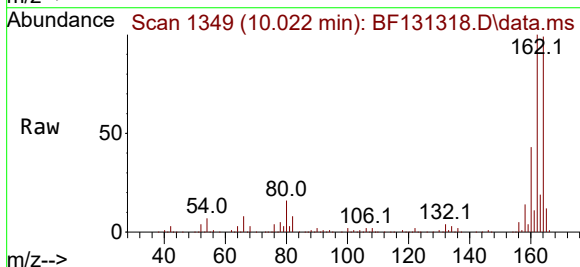
Instrument :
BNA_F
ClientSampleId :
PB149129BL

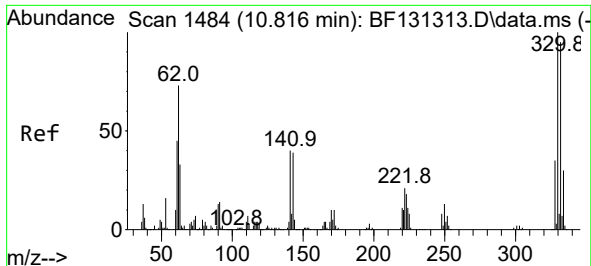
Tgt Ion: 82 Resp: 692352
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion: 164 Resp: 254264
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 43.4 34.4 51.6

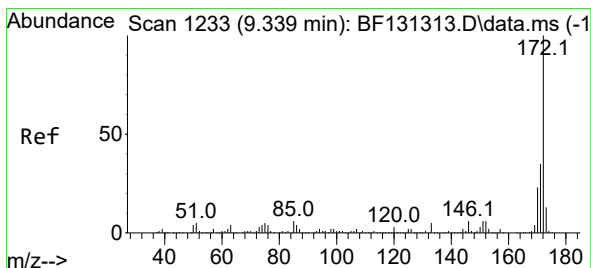
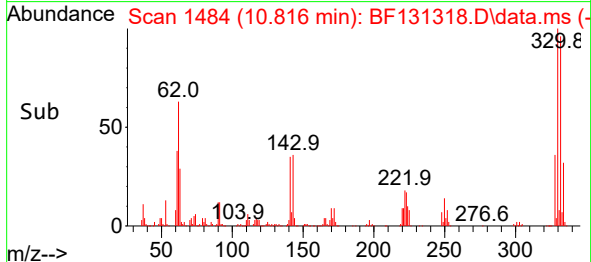
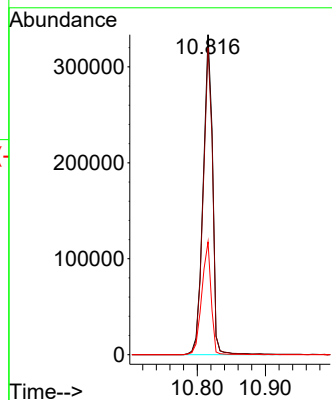
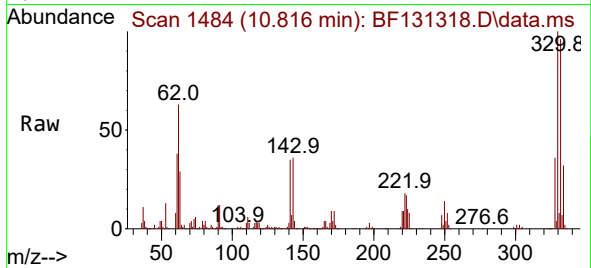




#42
2,4,6-Tribromophenol
Concen: 150.345 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.000 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

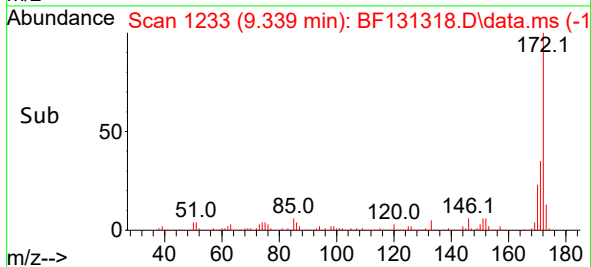
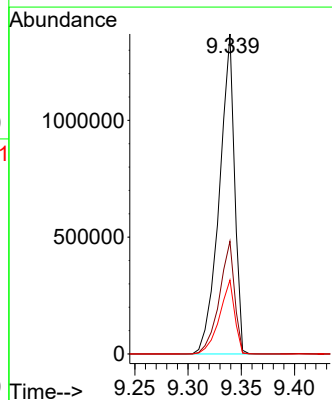
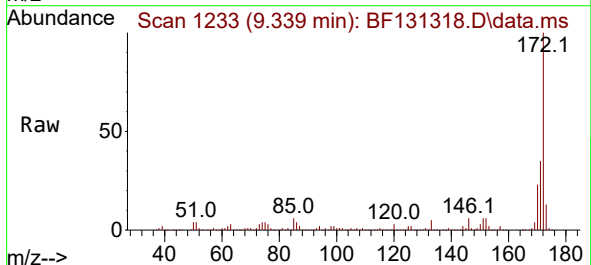
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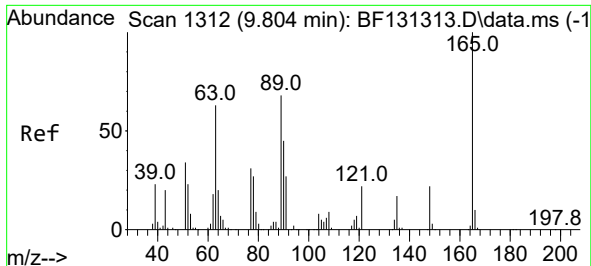
Tgt Ion:330 Resp: 321609
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 34.9 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 78.042 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion:172 Resp: 1363964
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.1 18.7 28.1

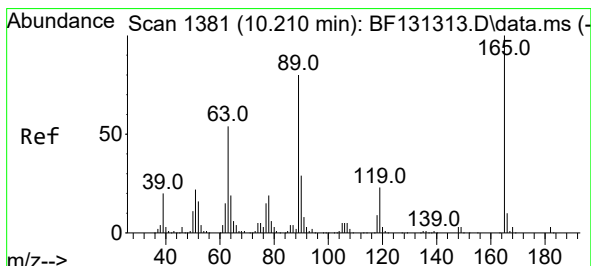
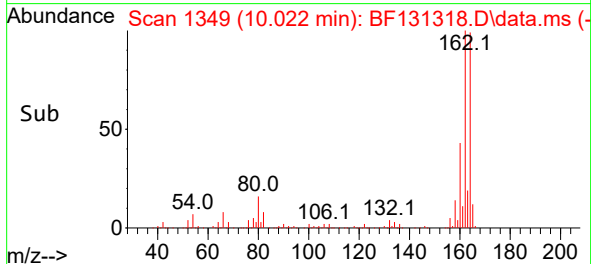
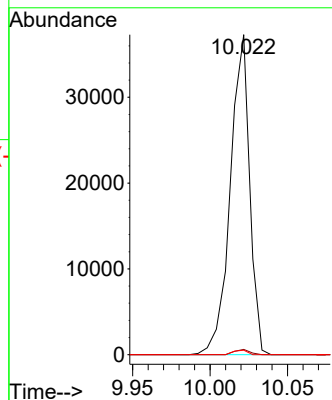
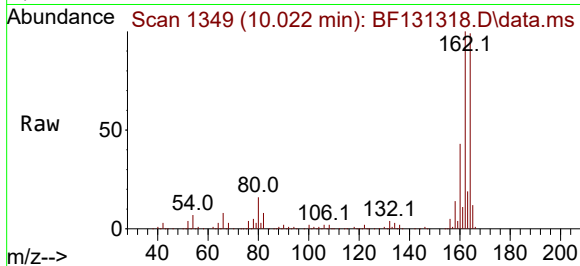




#51
2,6-Dinitrotoluene
Concen: 9.137 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.218 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

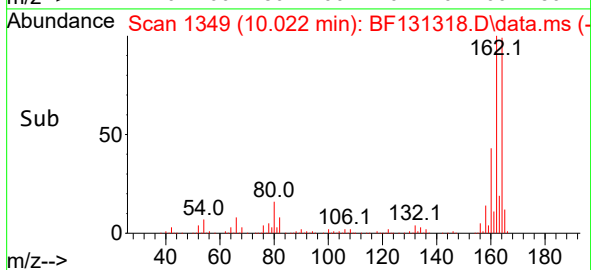
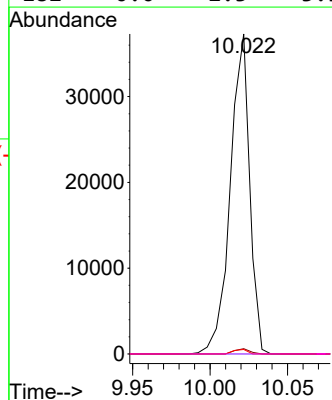
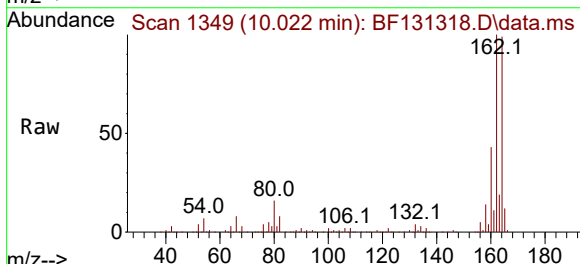
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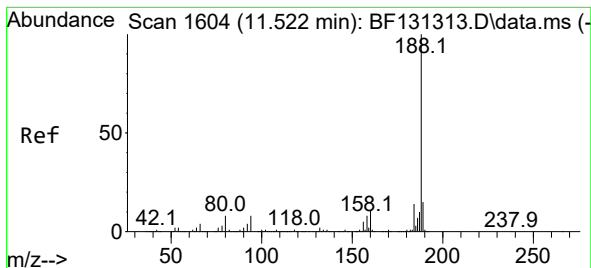
Tgt Ion:165 Resp: 32372
Ion Ratio Lower Upper
165 100
63 1.7 62.0 93.0#
89 1.4 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.262 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.188 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion:165 Resp: 32372
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.4 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: BF131318.D

Acq: 21 Nov 2022 16:03

Instrument :

BNA_F

ClientSampleId :

PB149129BL

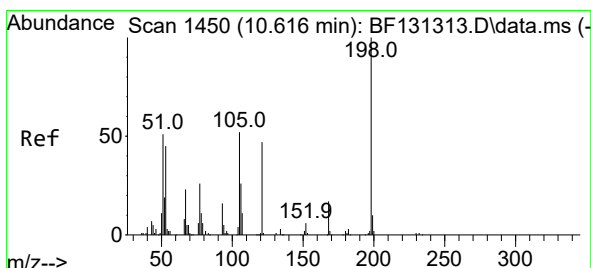
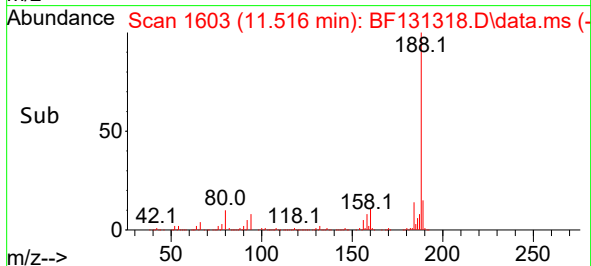
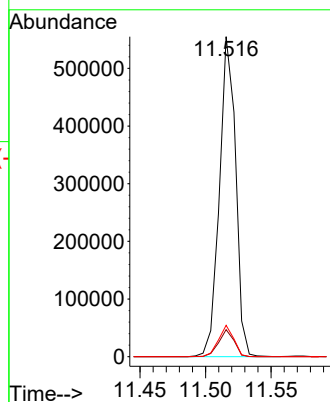
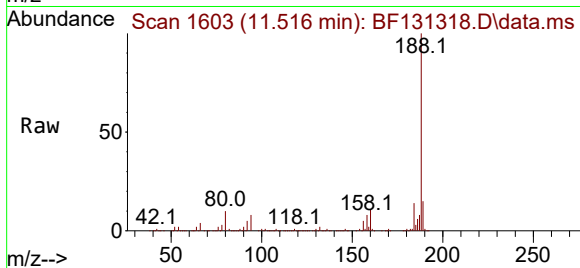
Tgt Ion:188 Resp: 476207

Ion Ratio Lower Upper

188 100

94 8.4 6.3 9.5

80 9.8 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 4.982 ng

RT: 10.816 min Scan# 1484

Delta R.T. 0.200 min

Lab File: BF131318.D

Acq: 21 Nov 2022 16:03

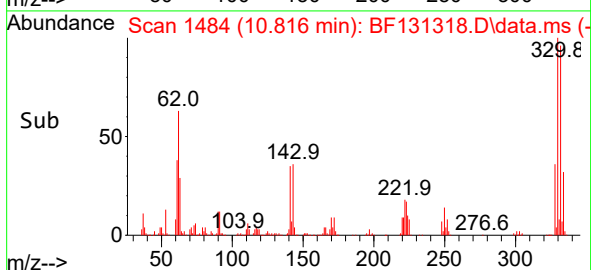
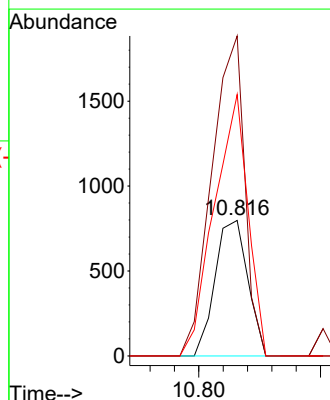
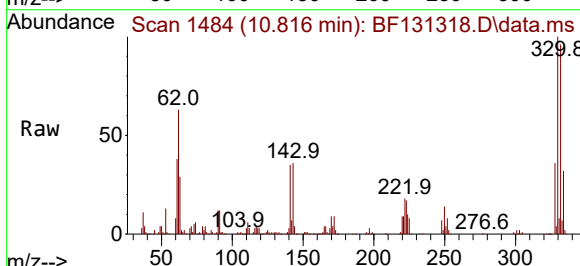
Tgt Ion:198 Resp: 744

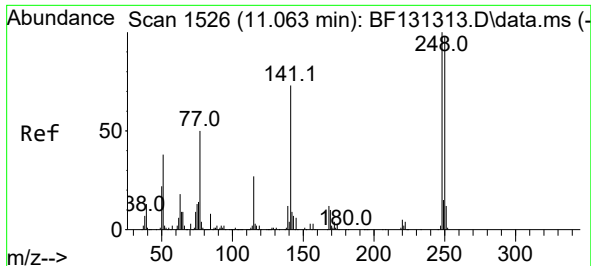
Ion Ratio Lower Upper

198 100

51 236.1 50.1 90.1#

105 192.9 32.5 72.5#

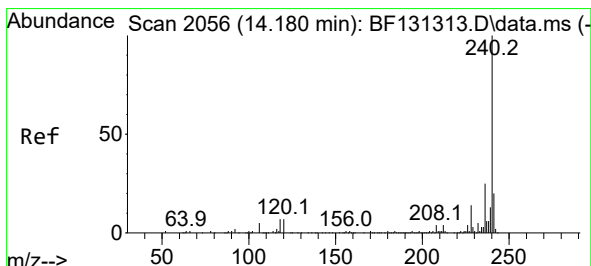
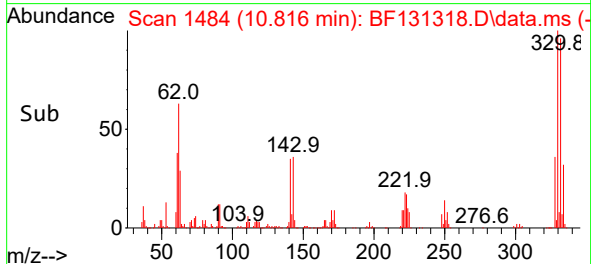
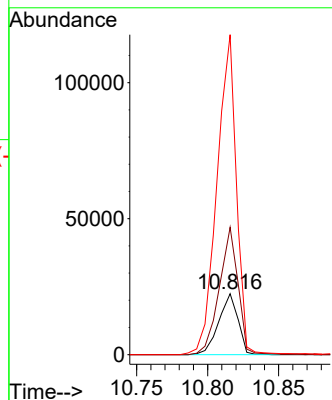
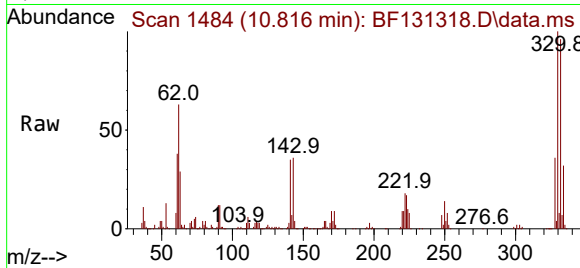




#67
4-Bromophenyl-phenylether
Concen: 3.620 ng
RT: 10.816 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

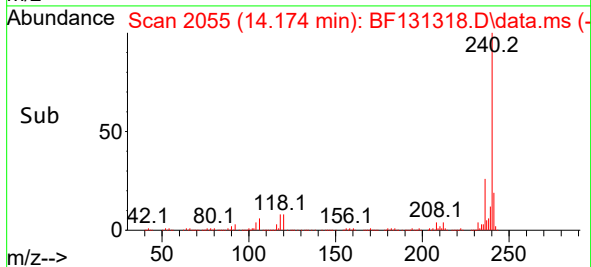
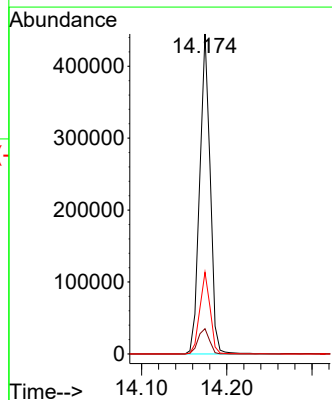
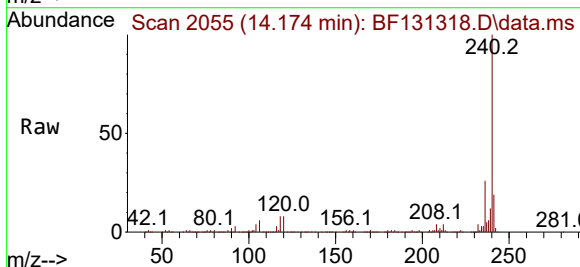
Instrument :
BNA_F
ClientSampleId :
PB149129BL

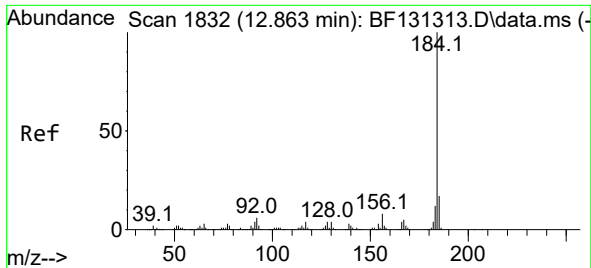
Tgt Ion:248 Resp: 21131
Ion Ratio Lower Upper
248 100
250 208.7 78.3 117.5#
141 524.5 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion:240 Resp: 380355
Ion Ratio Lower Upper
240 100
120 7.9 5.8 8.8
236 25.5 20.3 30.5

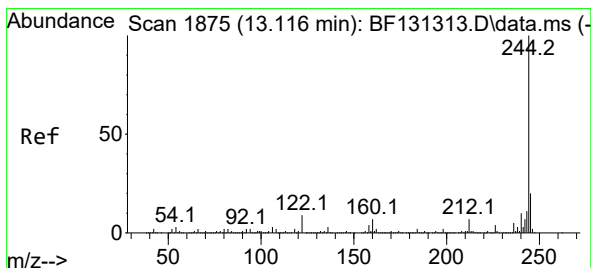
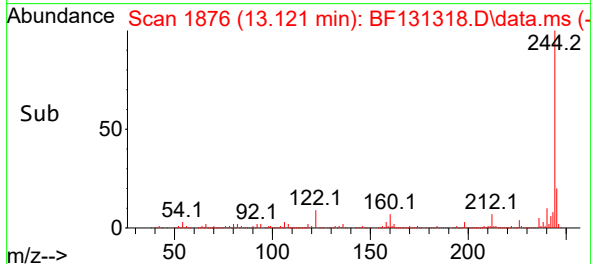
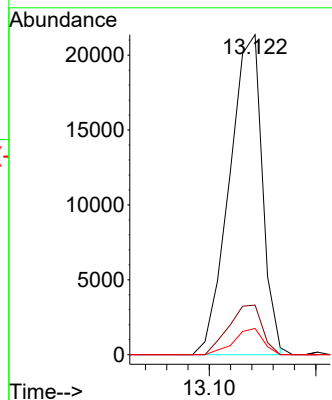
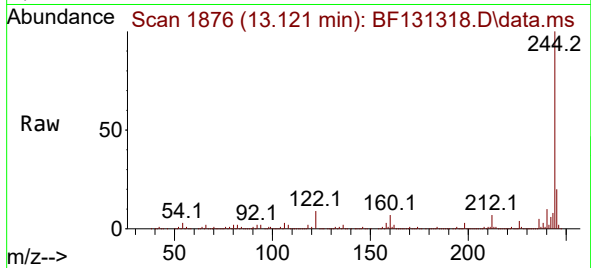




#77
Benzidine
Concen: 3.268 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.259 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

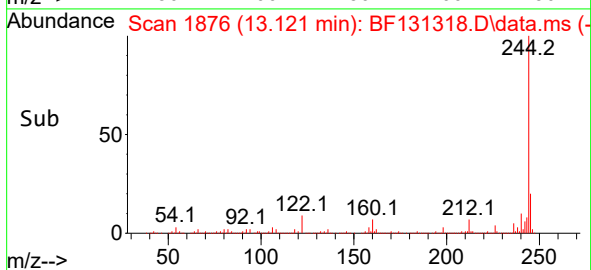
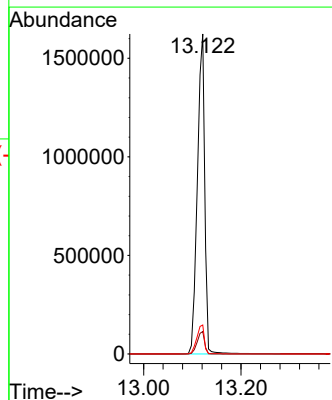
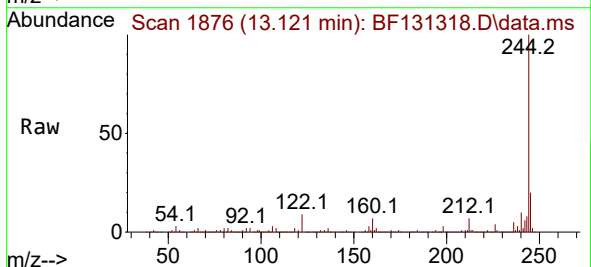
Instrument :
BNA_F
ClientSampleId :
PB149129BL

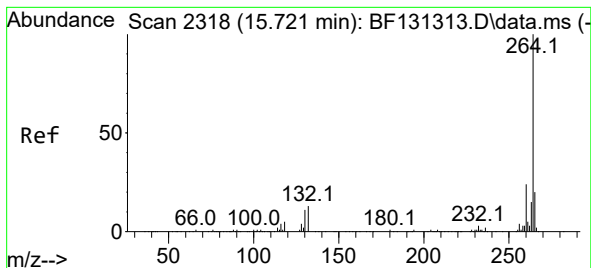
Tgt Ion:184 Resp: 22958
Ion Ratio Lower Upper
184 100
185 15.5 13.8 20.8
183 8.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 74.087 ng
RT: 13.121 min Scan# 1876
Delta R.T. 0.006 min
Lab File: BF131318.D
Acq: 21 Nov 2022 16:03

Tgt Ion:244 Resp: 1723227
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.0 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131318.D

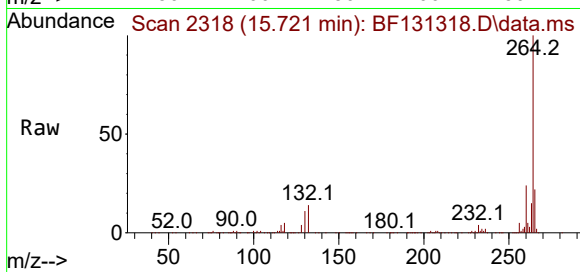
Acq: 21 Nov 2022 16:03

Instrument :

BNA_F

ClientSampleId :

PB149129BL



Tgt Ion:264 Resp: 280708

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.4

265 21.9 16.4 24.6

