

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131718.D
 Acq On : 20 Dec 2022 17:53
 Operator : CG\JU
 Sample : PB149677TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149677TB

Quant Time: Dec 21 04:46:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

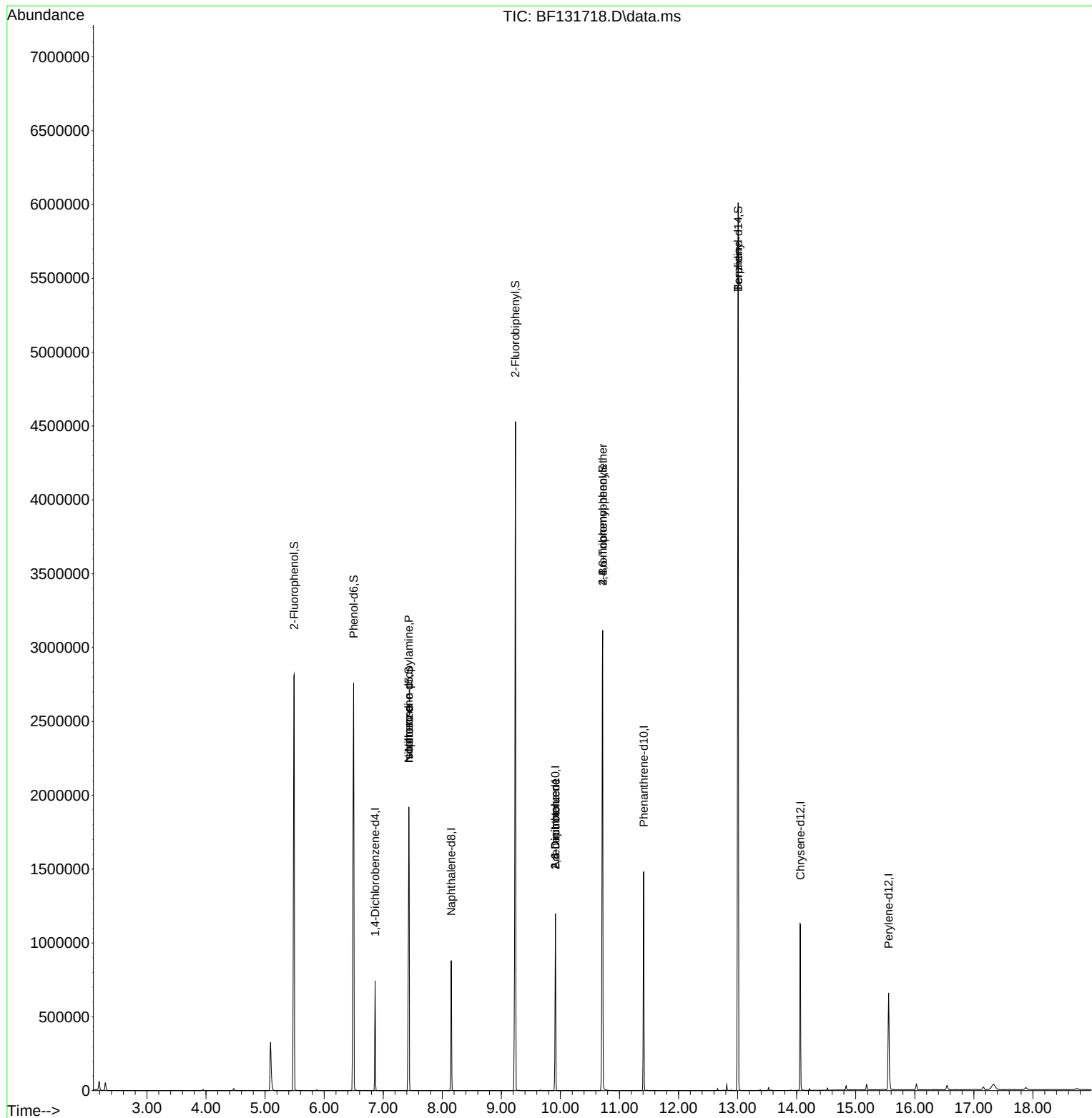
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	91077	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	358053	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	232342	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	485683	20.000	ng	0.00
76) Chrysene-d12	14.063	240	406854	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	308747	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	842634	155.791	ng	0.02
7) Phenol-d6	6.498	99	1107583	152.140	ng	0.00
23) Nitrobenzene-d5	7.434	82	779452	88.375	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396373	155.864	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1452116	87.550	ng	0.00
79) Terphenyl-d14	13.010	244	2168517	83.069	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1911	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	108508	20.667	ng	# 80
25) Isophorone	7.434	82	777168	51.886	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	30229	8.041	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	30229	5.984	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	27119	4.728	ng	# 1
77) Benizidine	13.010	184	33596	4.503	ng	# 94

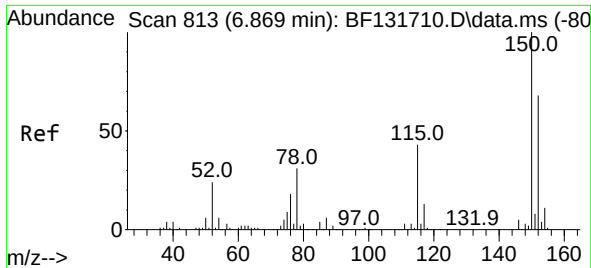
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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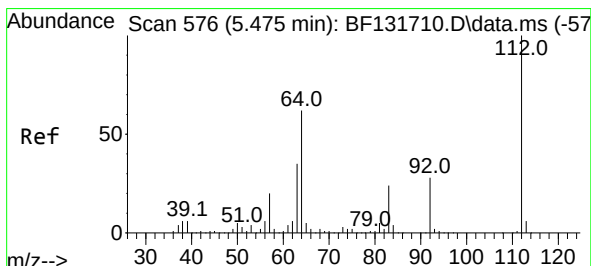
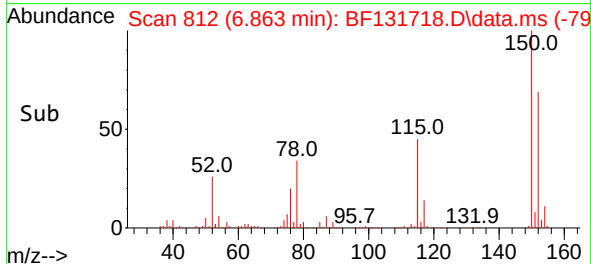
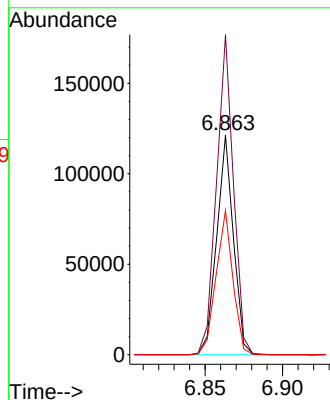
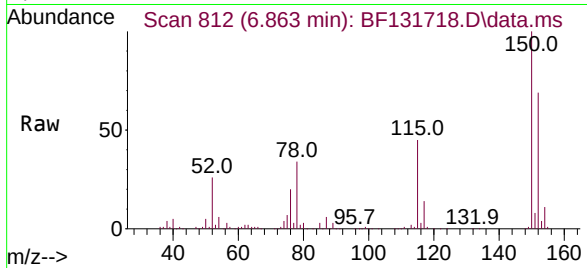




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

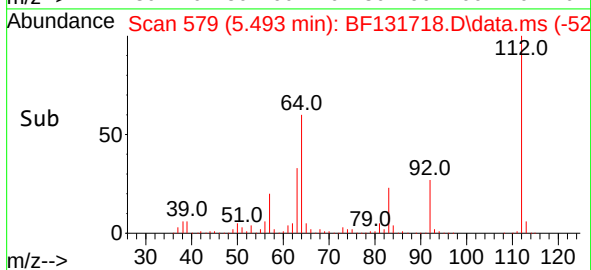
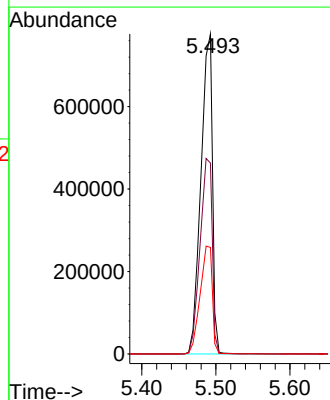
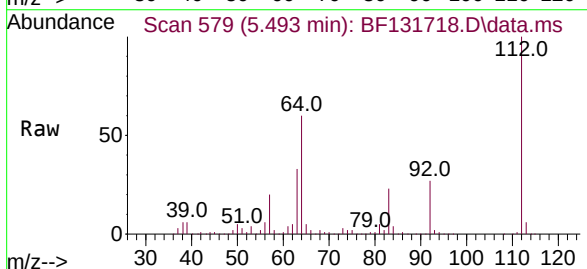
Instrument :
BNA_F
ClientSampleId :
PB149677TB

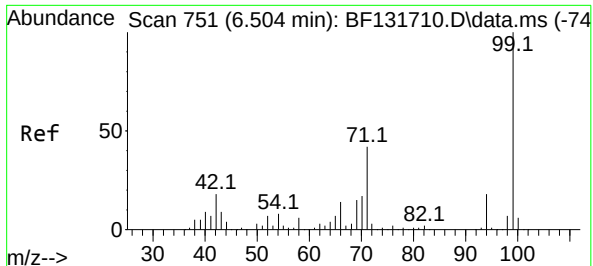
Tgt Ion:152 Resp: 91077
Ion Ratio Lower Upper
152 100
150 145.7 117.4 176.0
115 65.7 50.2 75.4



#5
2-Fluorophenol
Concen: 155.791 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:112 Resp: 842634
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 33.3 28.2 42.2

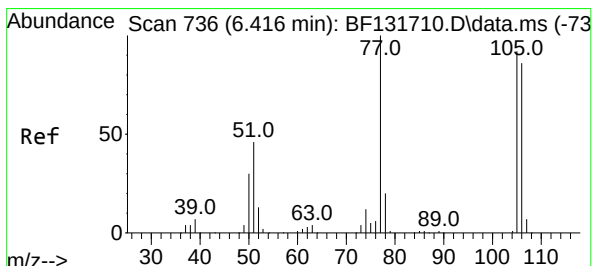
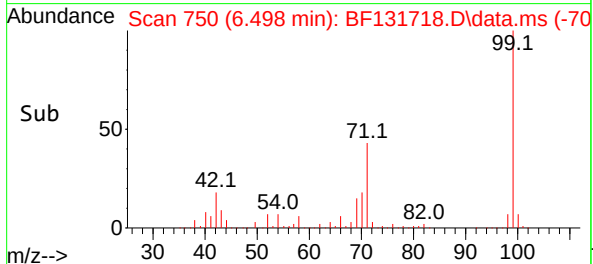
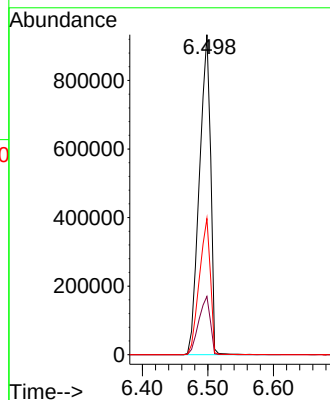
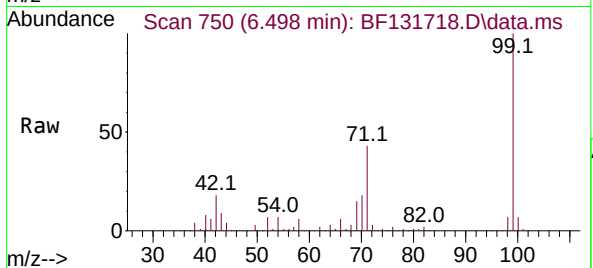




#7
Phenol-d6
Concen: 152.140 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

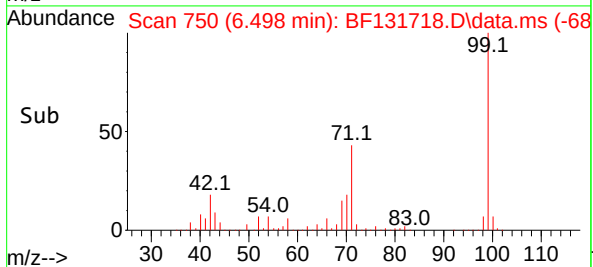
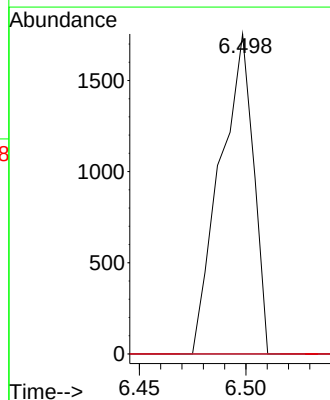
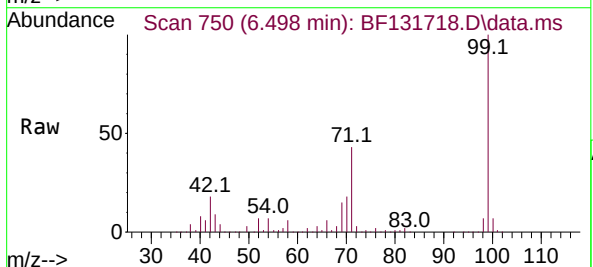
Instrument :
BNA_F
ClientSampleId :
PB149677TB

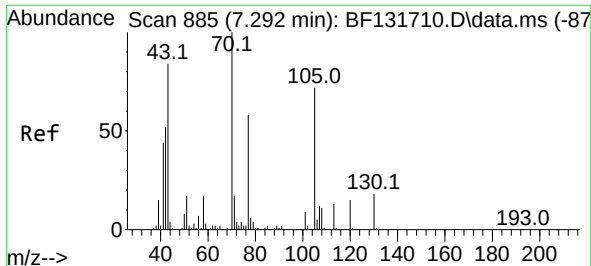
Tgt Ion: 99 Resp: 1107583
Ion Ratio Lower Upper
99 100
42 18.2 14.8 22.2
71 42.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion: 77 Resp: 1911
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

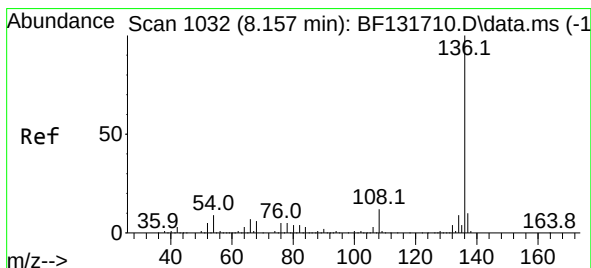
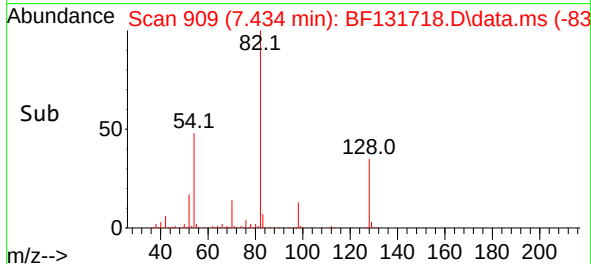
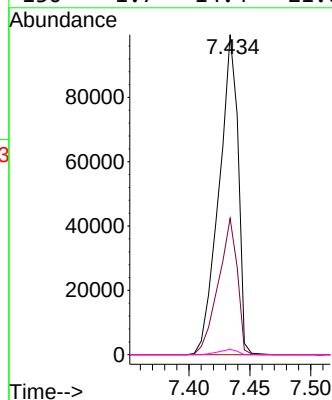
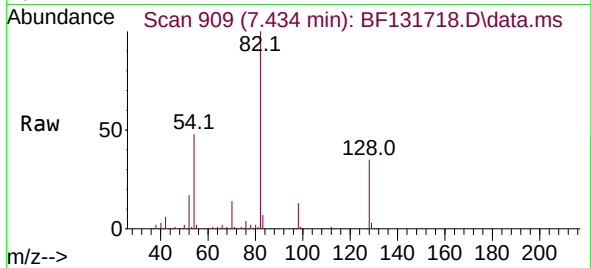




#19
n-Nitroso-di-n-propylamine
Concen: 20.667 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

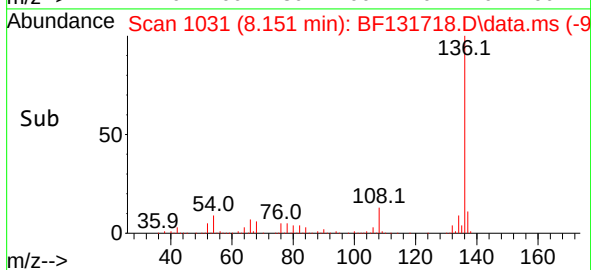
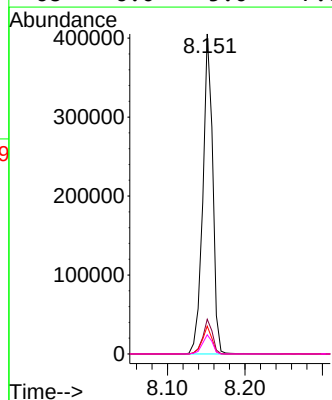
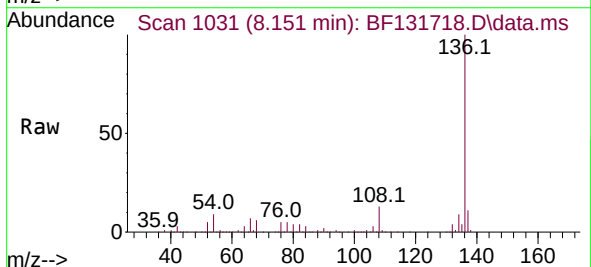
Instrument :
BNA_F
ClientSampleId :
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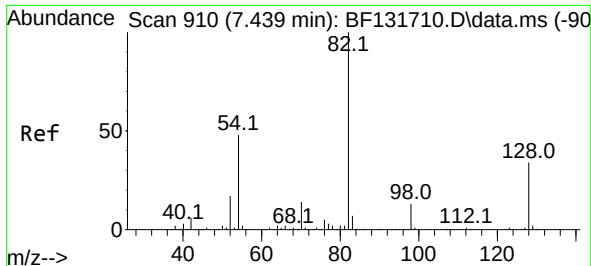
Tgt Ion: 70 Resp: 108508
Ion Ratio Lower Upper
70 100
42 42.6 41.5 62.3
101 0.0 7.3 10.9#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion: 136 Resp: 358053
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 7.2 10.8
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.375 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

Instrument :

BNA_F

ClientSampleId :

PB149677TB

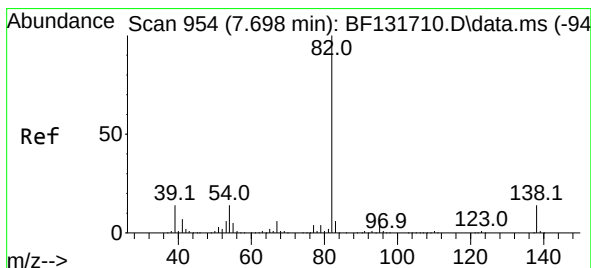
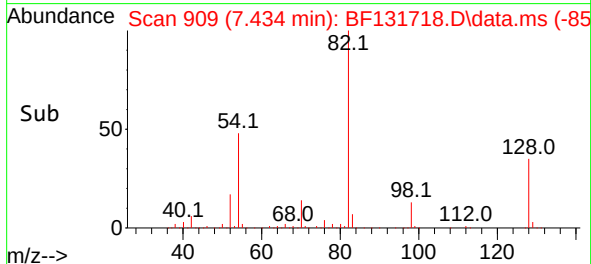
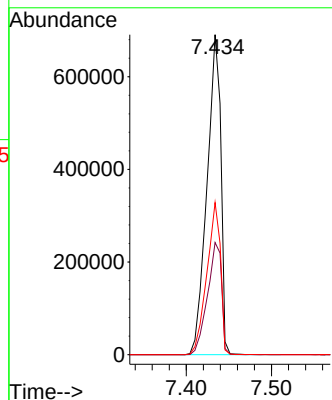
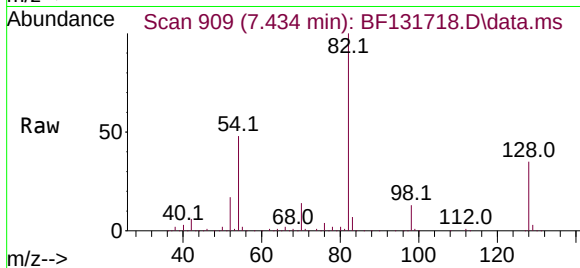
Tgt Ion: 82 Resp: 779452

Ion Ratio Lower Upper

82 100

128 35.1 27.3 40.9

54 47.6 38.2 57.2



#25

Isophorone

Concen: 51.886 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.264 min

Lab File: BF131718.D

Acq: 20 Dec 2022 17:53

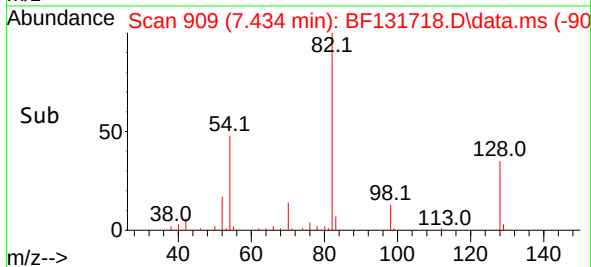
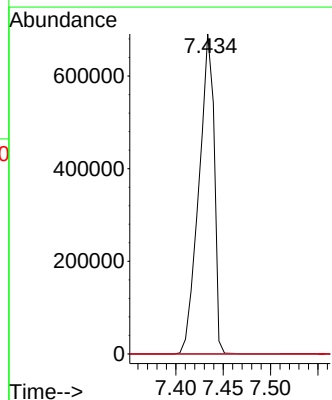
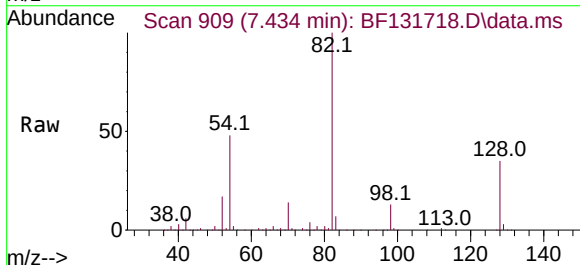
Tgt Ion: 82 Resp: 777168

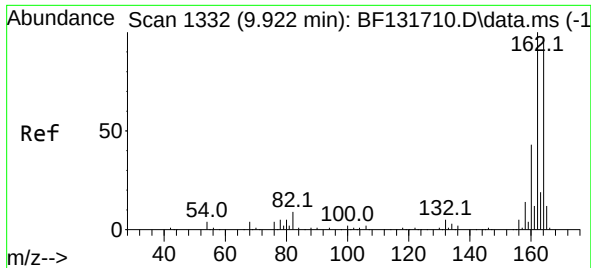
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

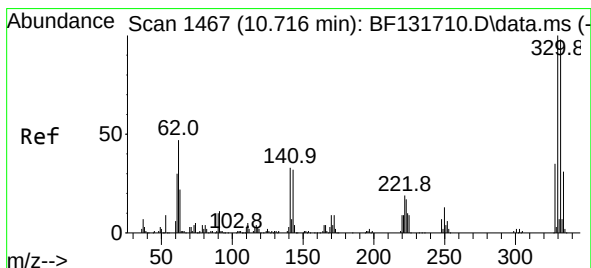
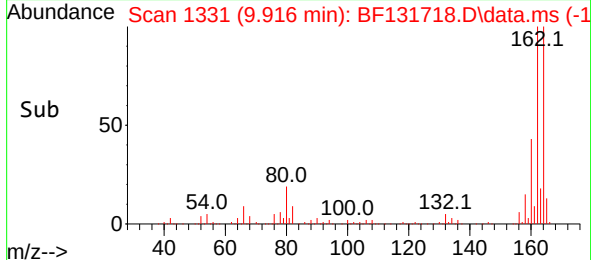
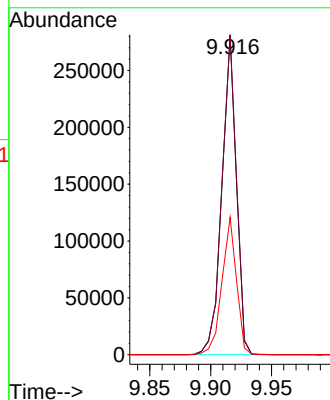
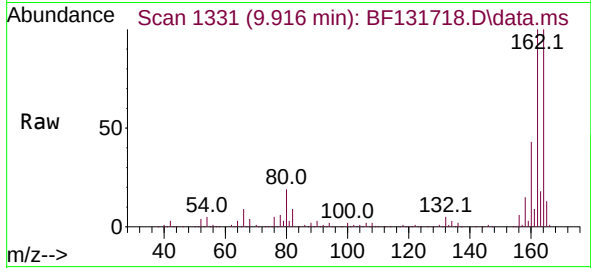




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

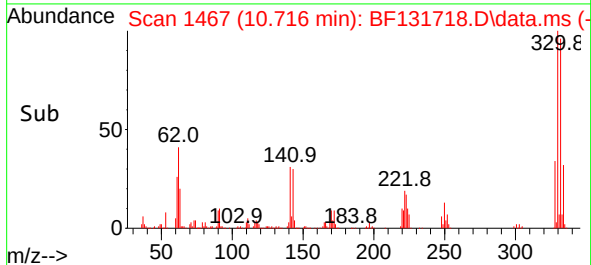
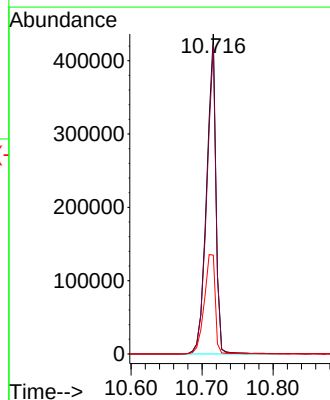
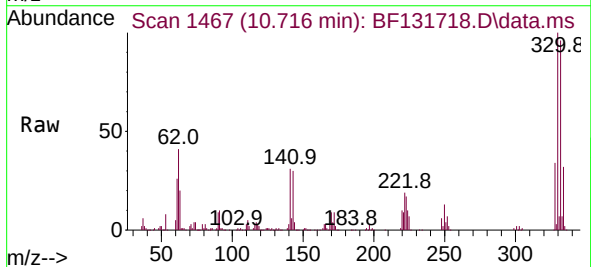
Instrument :
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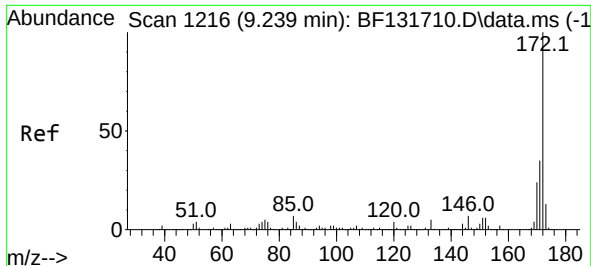
Tgt Ion:164 Resp: 232342
Ion Ratio Lower Upper
164 100
162 100.3 83.7 125.5
160 43.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 155.864 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:330 Resp: 396373
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 36.7 30.4 45.6

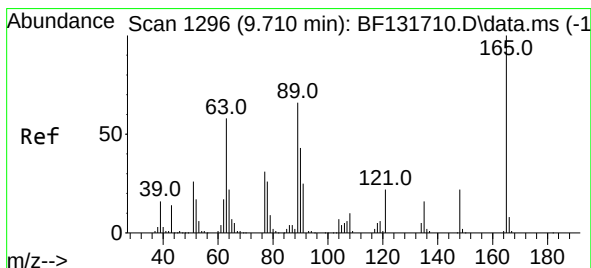
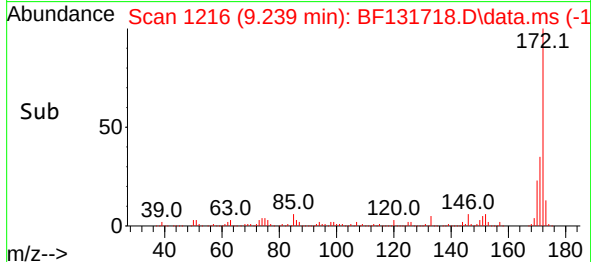
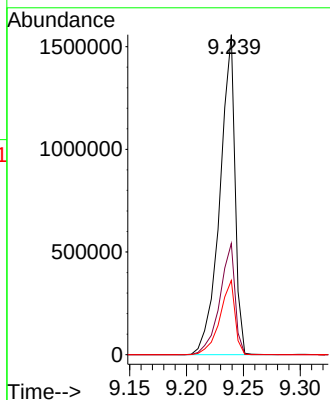
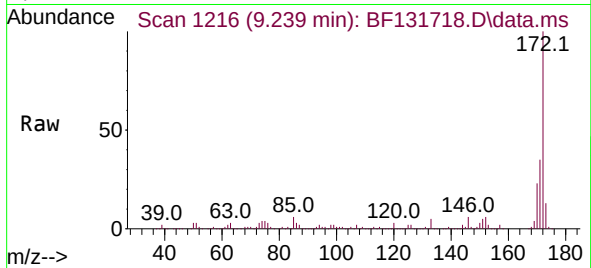




#45
2-Fluorobiphenyl
Concen: 87.550 ng
RT: 9.239 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

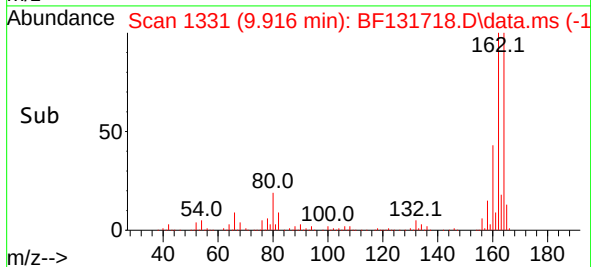
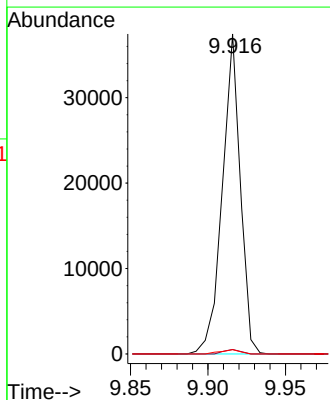
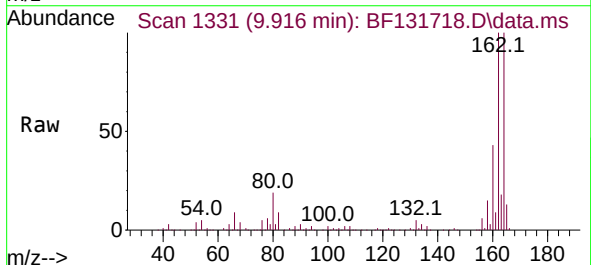
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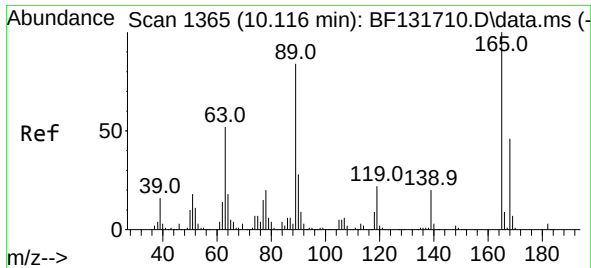
Tgt Ion:172 Resp: 1452116
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.2 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.041 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:165 Resp: 30229
Ion Ratio Lower Upper
165 100
63 1.4 51.8 77.8#
89 1.3 53.2 79.8#

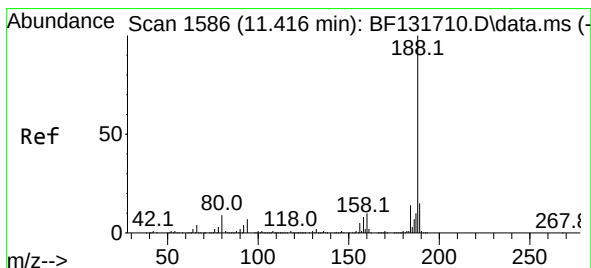
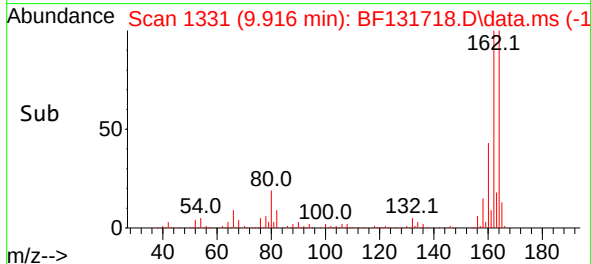
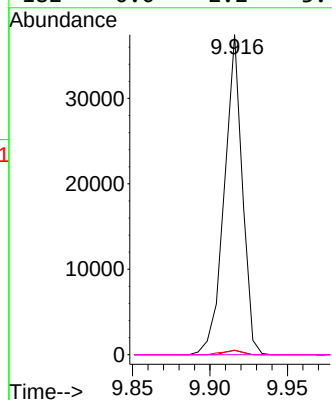
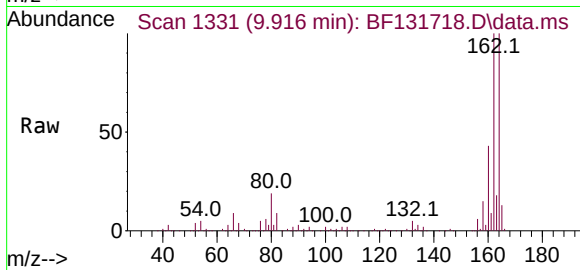




#57
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

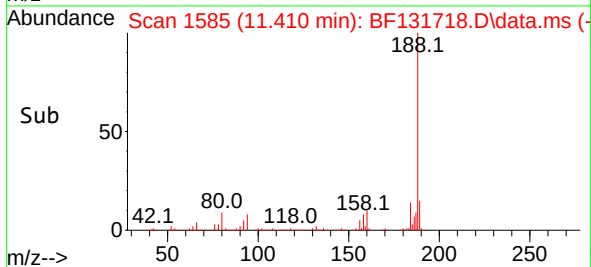
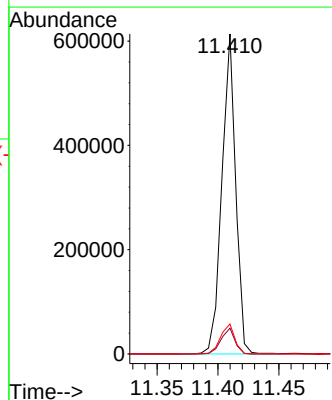
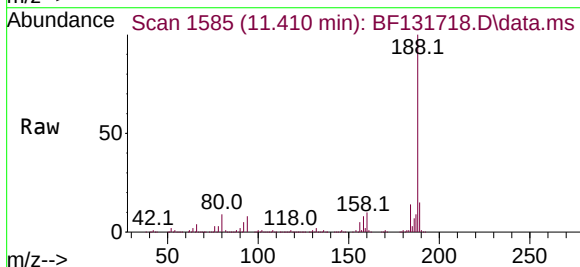
Instrument :
BNA_F
ClientSampleId :
PB149677TB

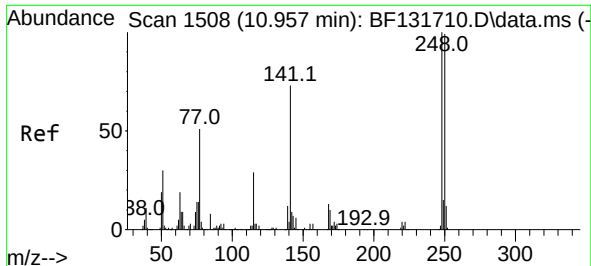
Tgt Ion:165 Resp: 30229
Ion Ratio Lower Upper
165 100
63 1.4 41.5 62.3#
89 1.3 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:188 Resp: 485683
Ion Ratio Lower Upper
188 100
94 8.1 5.9 8.9
80 9.3 7.0 10.6

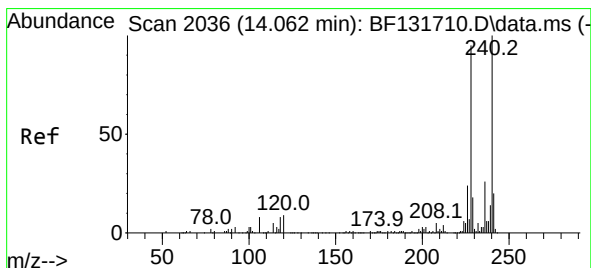
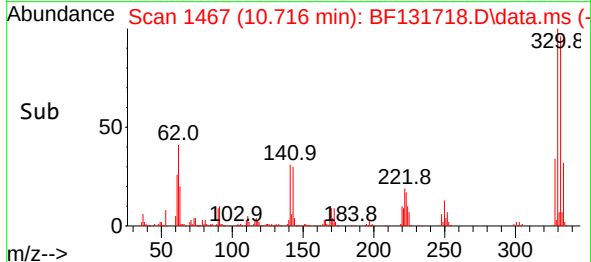
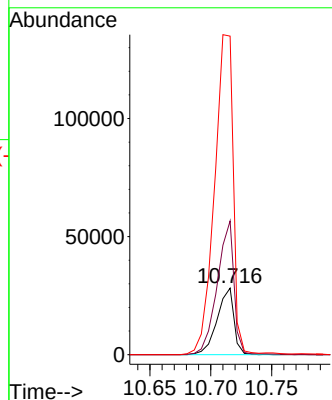
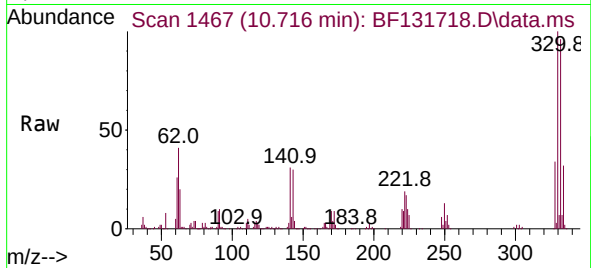




#67
4-Bromophenyl-phenylether
Concen: 4.728 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

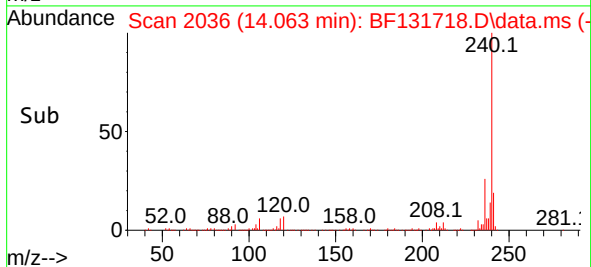
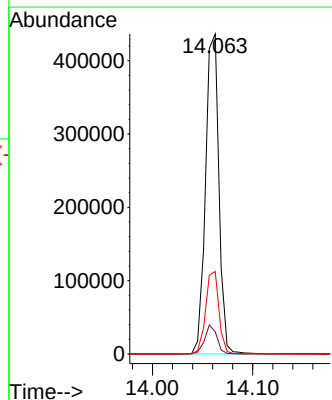
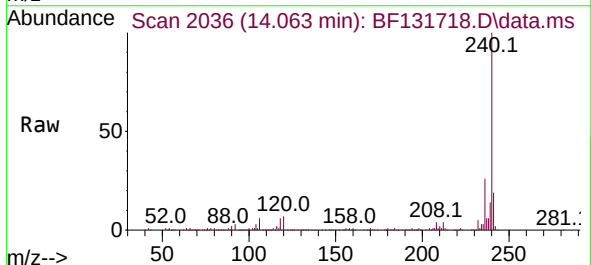
Instrument :
BNA_F
ClientSampleId :
PB149677TB

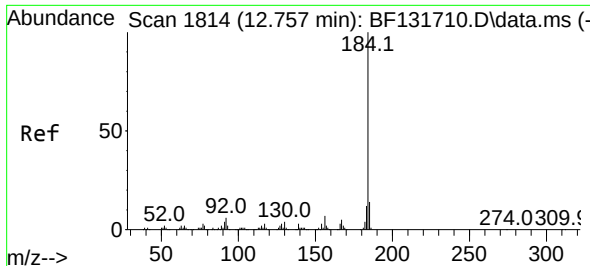
Tgt Ion:248 Resp: 27119
Ion Ratio Lower Upper
248 100
250 201.0 79.4 119.0#
141 478.6 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:240 Resp: 406854
Ion Ratio Lower Upper
240 100
120 6.9 7.6 11.4#
236 25.7 21.2 31.8

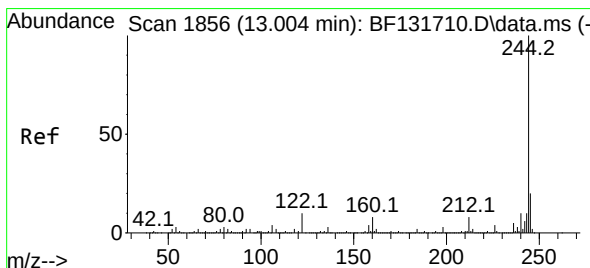
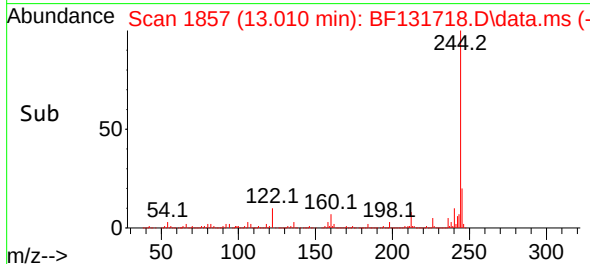
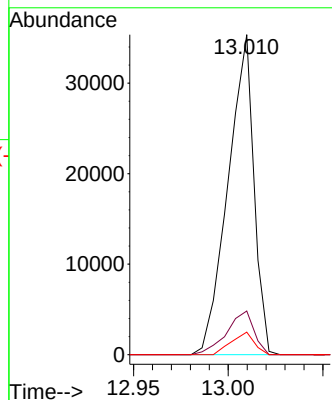
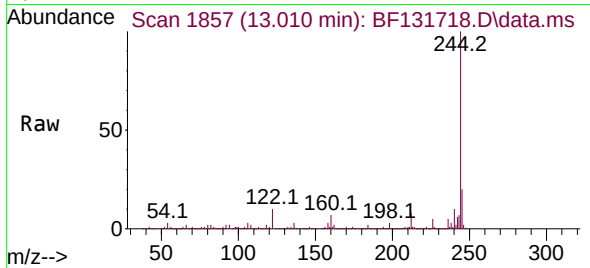




#77
Benzidine
Concen: 4.503 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

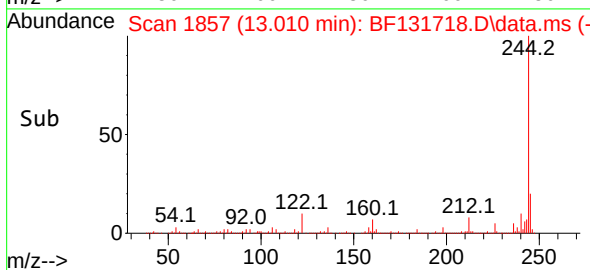
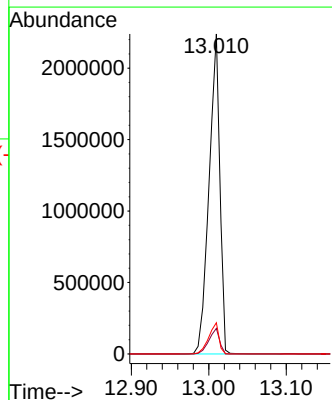
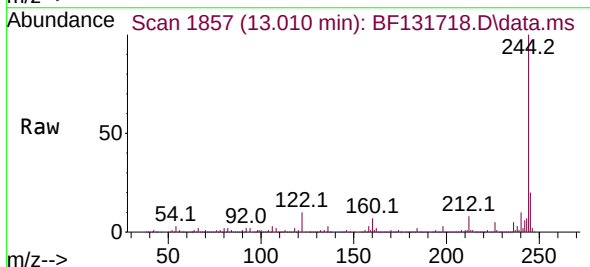
Instrument :
BNA_F
ClientSampleId :
PB149677TB

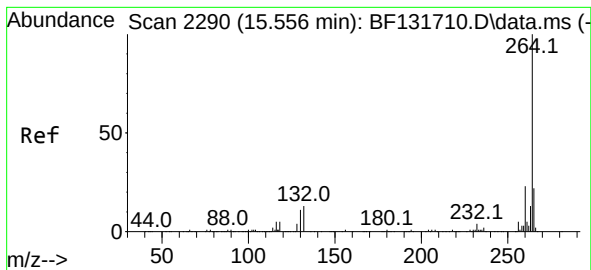
Tgt Ion:184 Resp: 33596
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 7.1 9.3 13.9#



#79
Terphenyl-d14
Concen: 83.069 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.006 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Tgt Ion:244 Resp: 2168517
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.8 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131718.D
Acq: 20 Dec 2022 17:53

Instrument :
BNA_F
ClientSampleId :
PB149677TB

Tgt Ion:264 Resp: 308747

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	28.0
265	21.8	17.4	26.2

