

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131772.D
 Acq On : 22 Dec 2022 12:14
 Operator : CG\JU
 Sample : PB149741TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:51:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 01:24:08 2022
 Response via : Initial Calibration

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

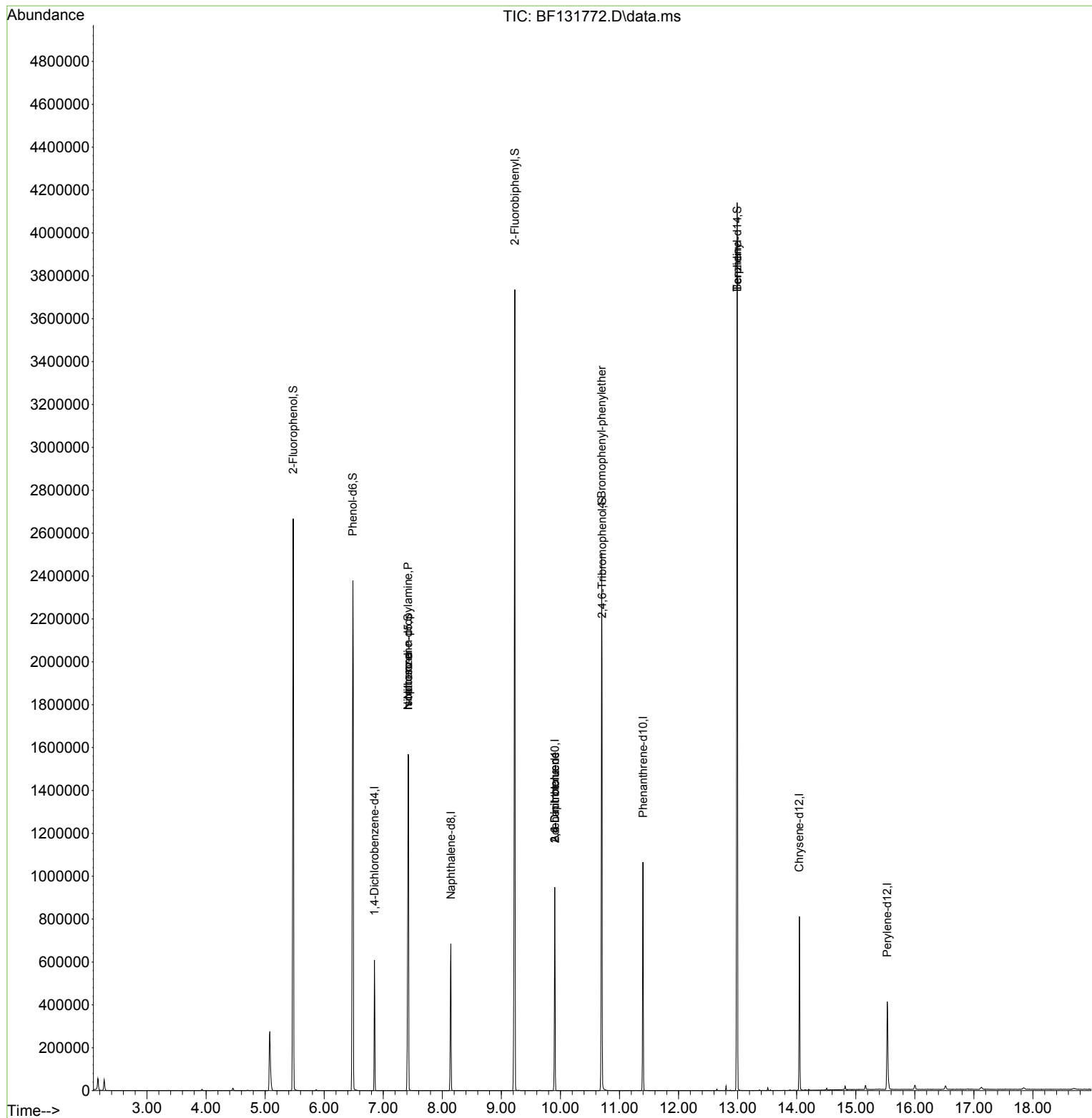
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	79341	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	292584	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	178634	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	352514	20.000	ng	0.00
76) Chrysene-d12	14.045	240	262102	20.000	ng	0.00
86) Perylene-d12	15.533	264	189556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	734456	155.877	ng	0.02
7) Phenol-d6	6.487	99	965423	152.229	ng	0.00
23) Nitrobenzene-d5	7.422	82	664123	92.148	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	287692	147.141	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1147418	89.979	ng	0.00
79) Terphenyl-d14	12.992	244	1486133	88.369	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1864	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	93133	20.362	ng	# 81
25) Isophorone	7.422	82	659346	53.870	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	23274	8.053	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	23274	5.993	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	20144	4.838	ng	# 1
77) Benizidine	12.992	184	22261	4.632	ng	# 91

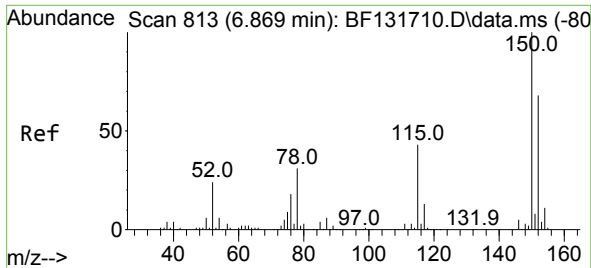
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131772.D
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Operator : CG\JU
Sample : PB149741TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

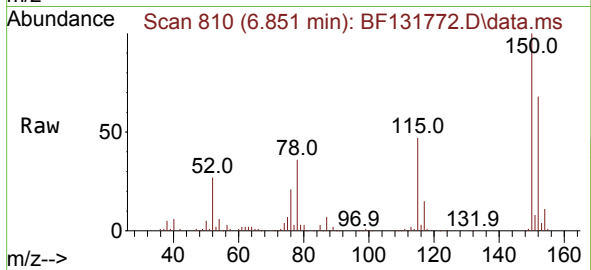
Quant Time: Dec 23 01:51:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 01:24:08 2022
Response via : Initial Calibration



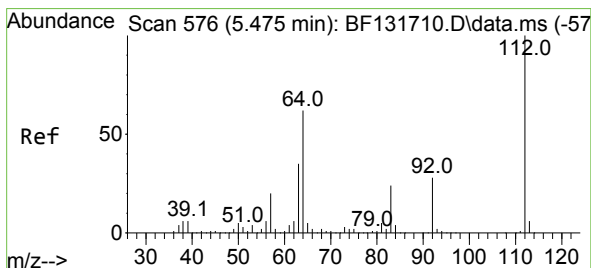
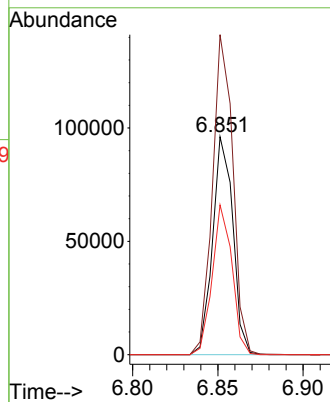
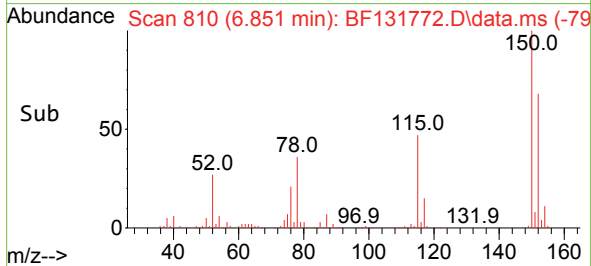


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

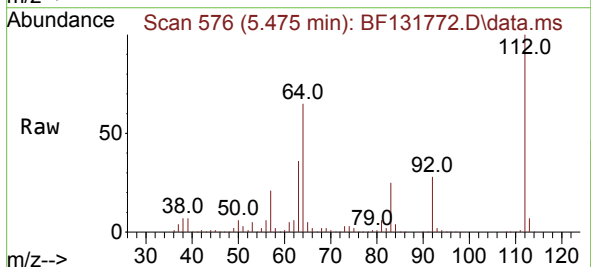
Instrument :
BNA_F
ClientSampleId :



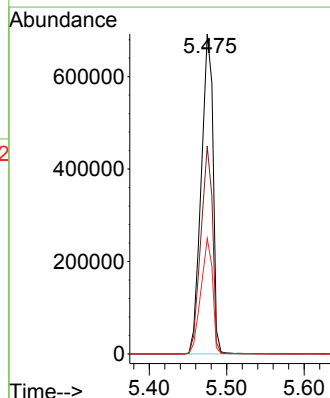
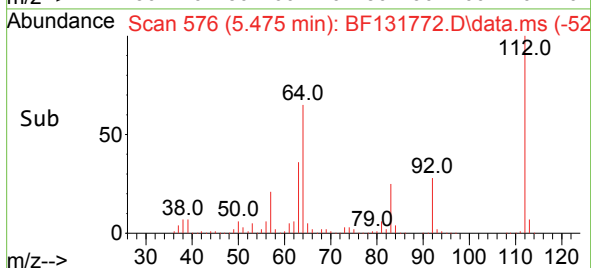
Tgt Ion:152 Resp: 79341
Ion Ratio Lower Upper
152 100
150 146.8 117.4 176.0
115 68.7 50.2 75.4

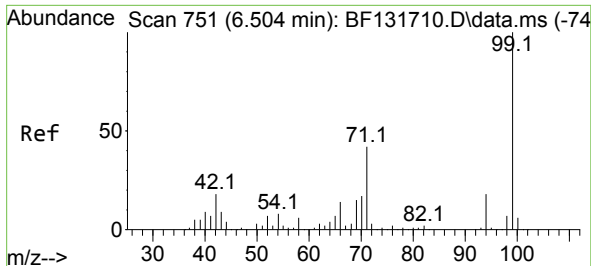


#5
2-Fluorophenol
Concen: 155.877 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14



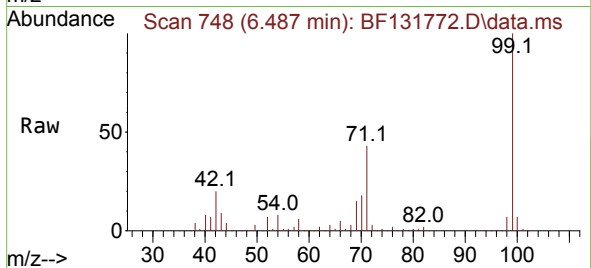
Tgt Ion:112 Resp: 734456
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 36.1 28.2 42.2



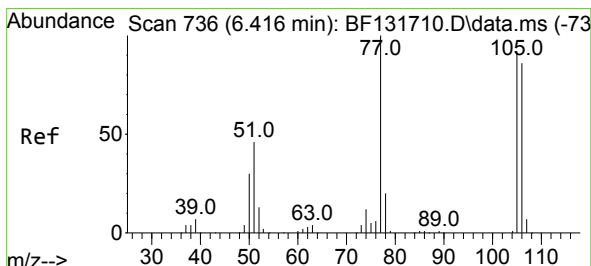
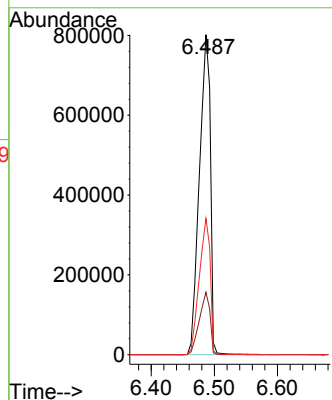
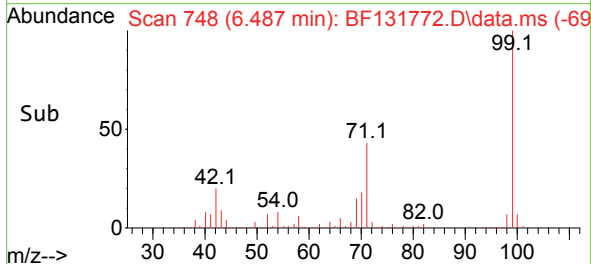


#7
Phenol-d6
Concen: 152.229 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

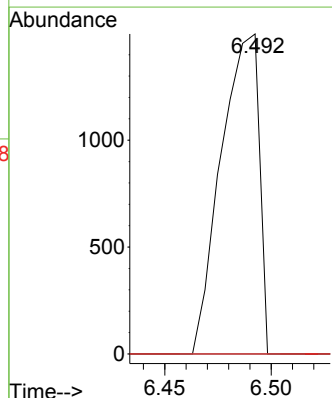
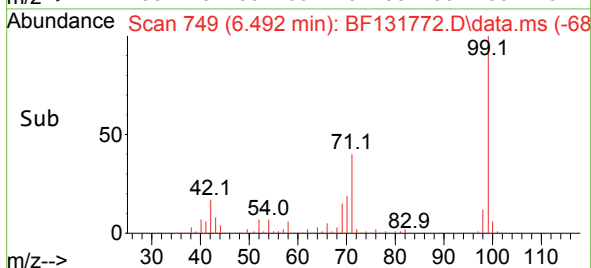
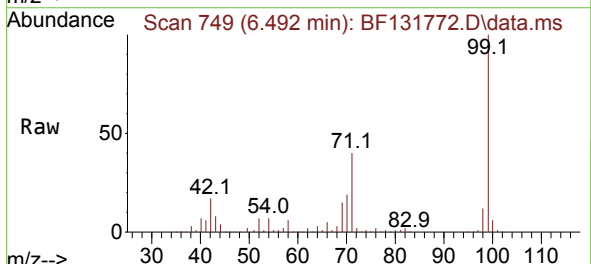


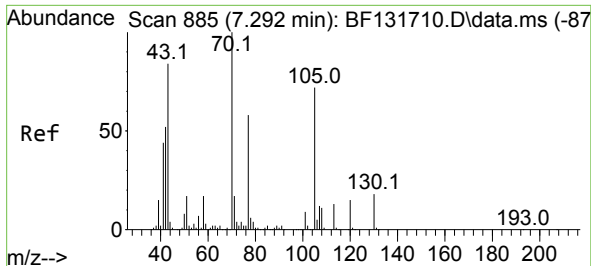
Tgt Ion: 99 Resp: 965423
Ion Ratio Lower Upper
99 100
42 19.5 14.8 22.2
71 42.6 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 749
Delta R.T. 0.088 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

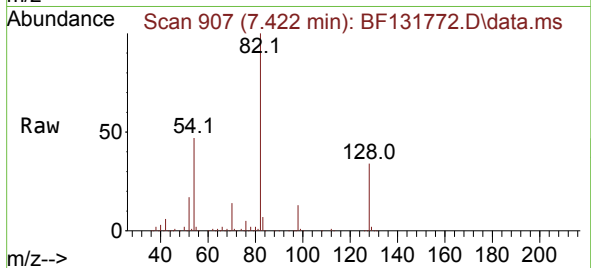
Tgt Ion: 77 Resp: 1864
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



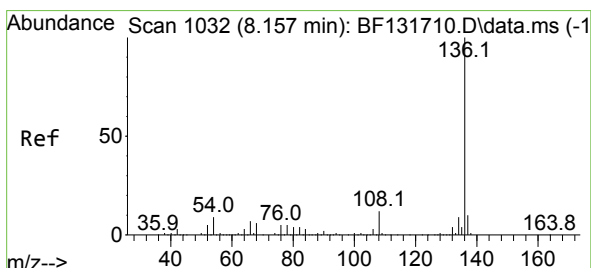
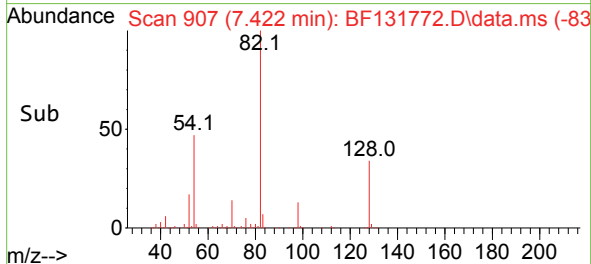
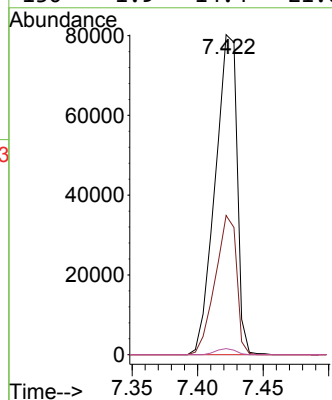


#19
n-Nitroso-di-n-propylamine
Concen: 20.362 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

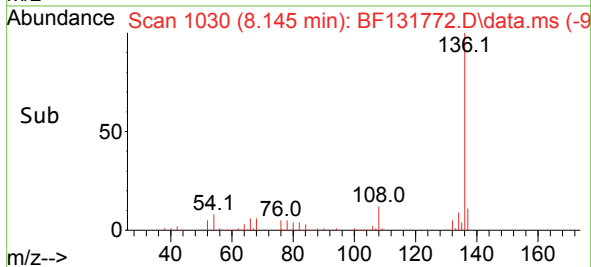
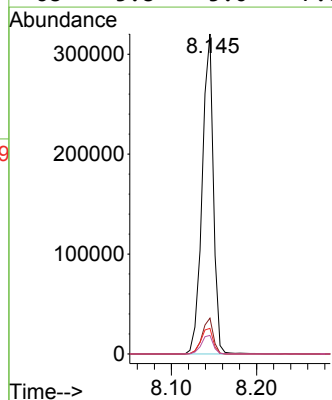
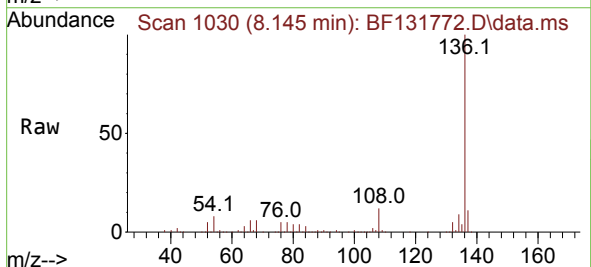


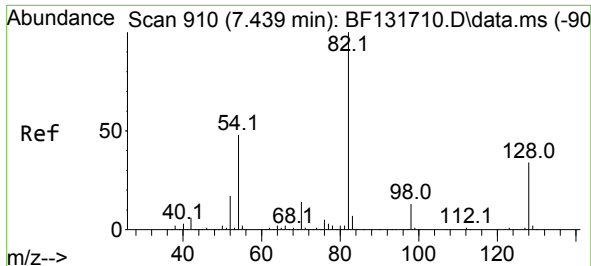
Tgt Ion: 70 Resp: 93133
Ion Ratio Lower Upper
70 100
42 43.5 41.5 62.3
101 0.0 7.3 10.9#
130 1.9 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Tgt Ion: 136 Resp: 292584
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.0 7.2 10.8
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 92.148 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131772.D

Acq: 22 Dec 2022 12:14

Instrument :

BNA_F

ClientSampleId :

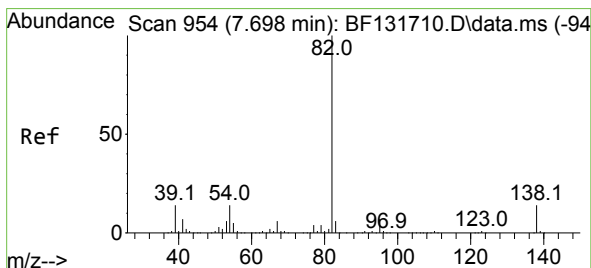
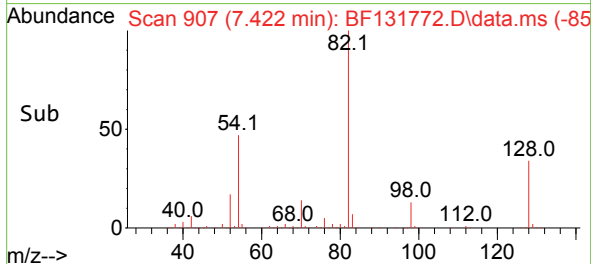
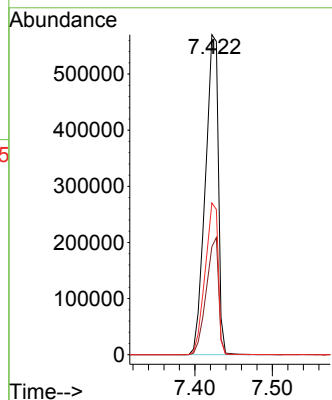
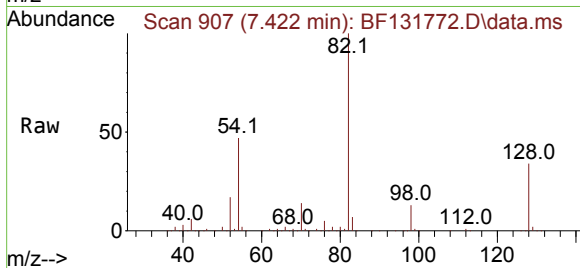
Tgt Ion: 82 Resp: 664123

Ion Ratio Lower Upper

82 100

128 33.7 27.3 40.9

54 47.4 38.2 57.2



#25

Isophorone

Concen: 53.870 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131772.D

Acq: 22 Dec 2022 12:14

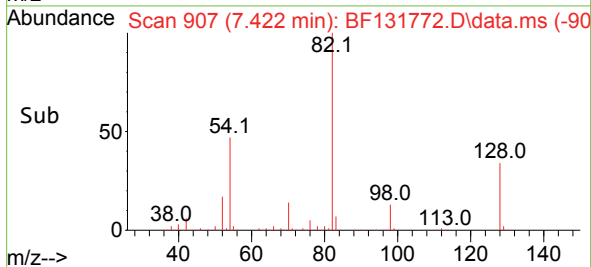
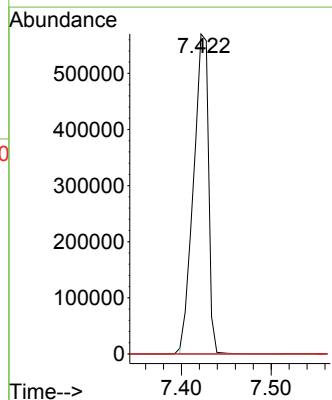
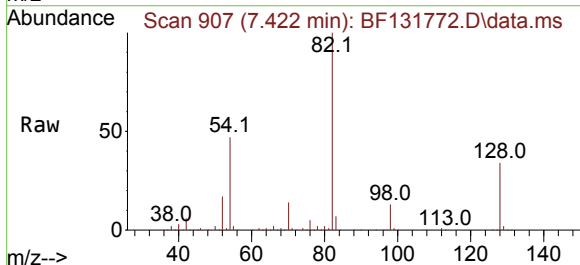
Tgt Ion: 82 Resp: 659346

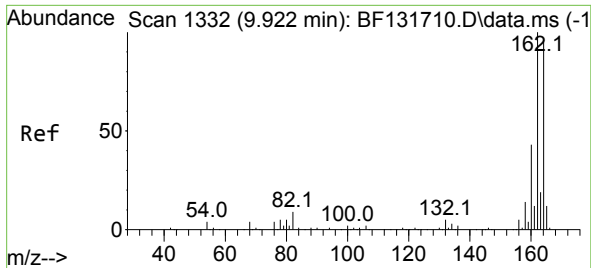
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

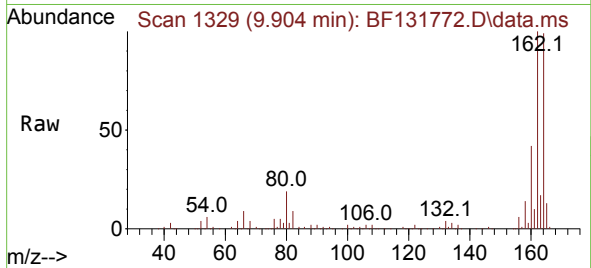
138 0.0 11.6 17.4#



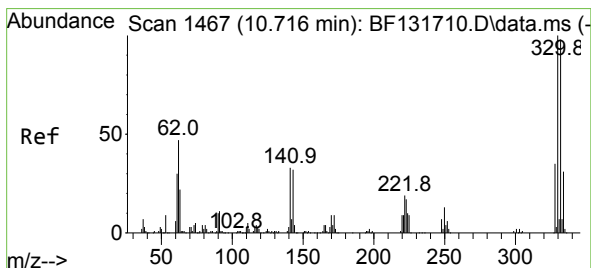
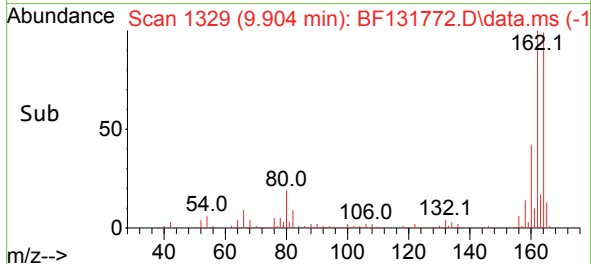
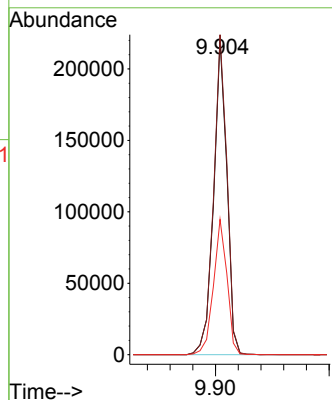


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

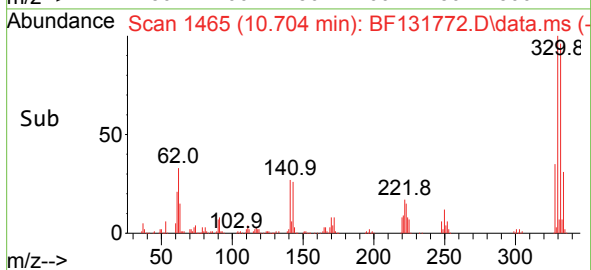
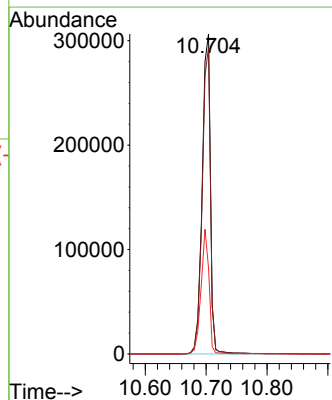
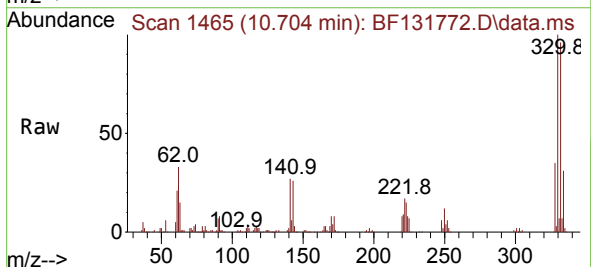


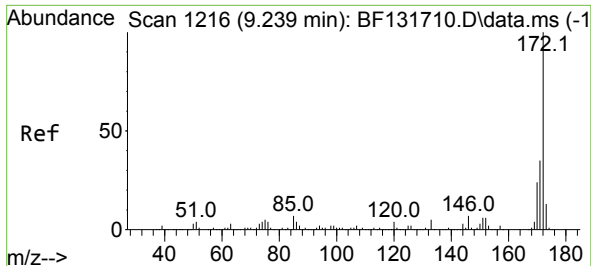
Tgt Ion:164 Resp: 178634
Ion Ratio Lower Upper
164 100
162 101.5 83.7 125.5
160 42.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 147.141 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

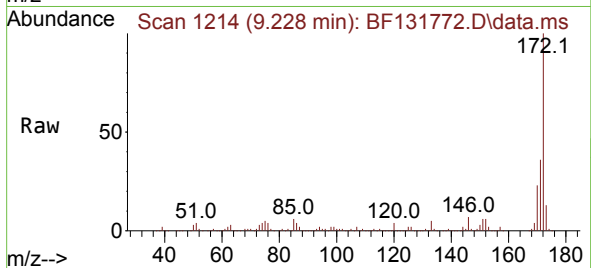
Tgt Ion:330 Resp: 287692
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 37.7 30.4 45.6



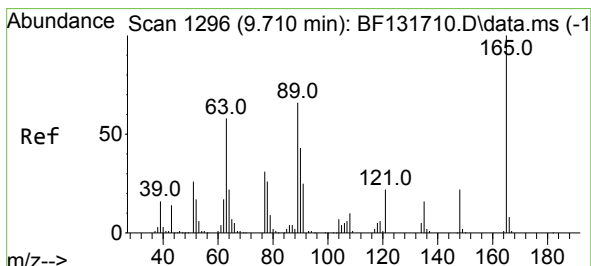
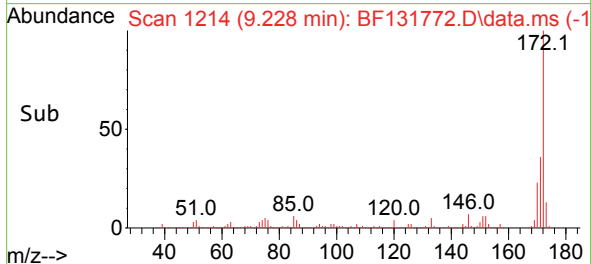
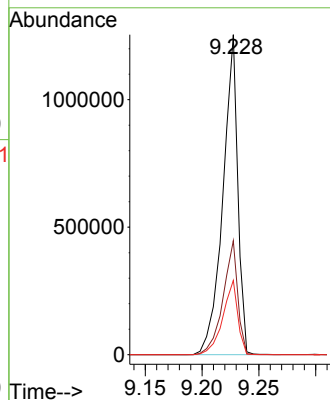


#45
2-Fluorobiphenyl
Concen: 89.979 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

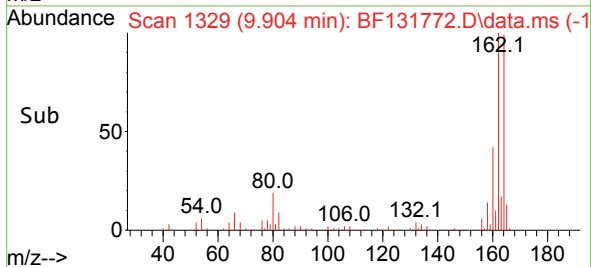
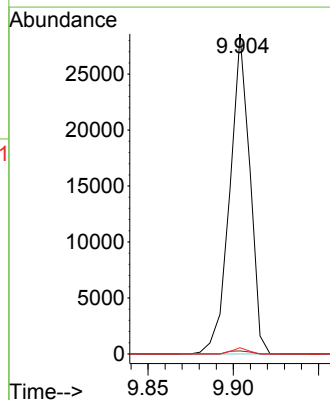
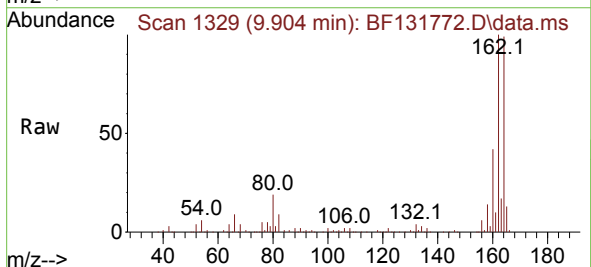


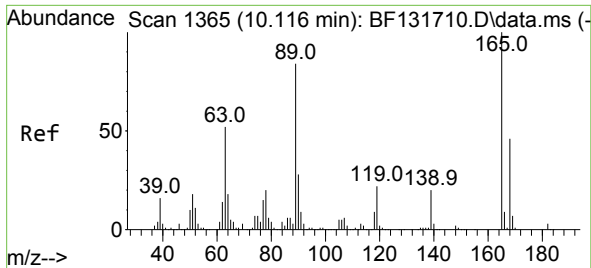
Tgt Ion:172 Resp: 1147418
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 23.2 19.0 28.4



#51
2,6-Dinitrotoluene
Concen: 8.053 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

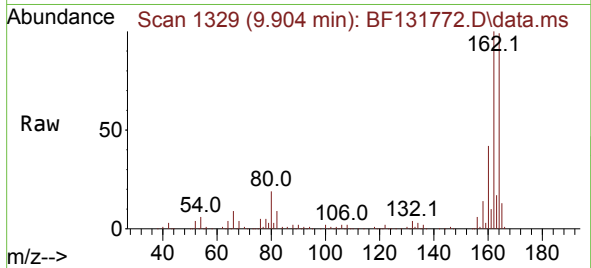
Tgt Ion:165 Resp: 23274
Ion Ratio Lower Upper
165 100
63 0.9 51.8 77.8#
89 1.9 53.2 79.8#



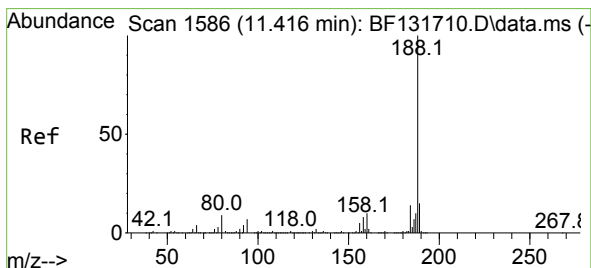
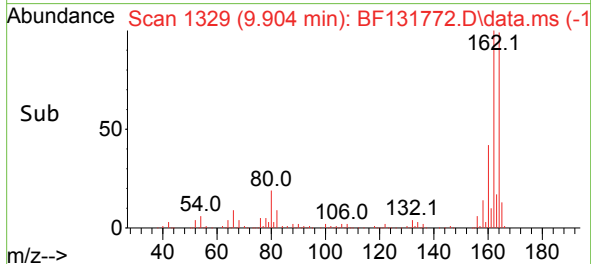
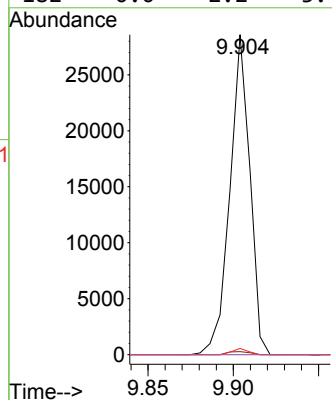


#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

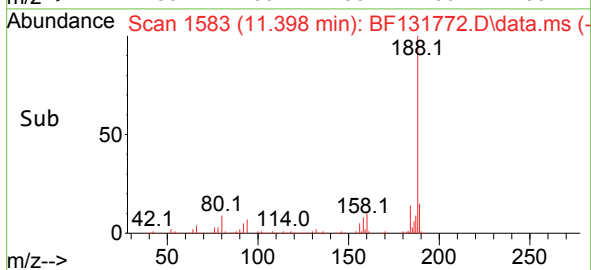
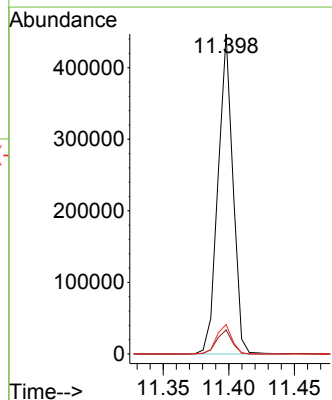
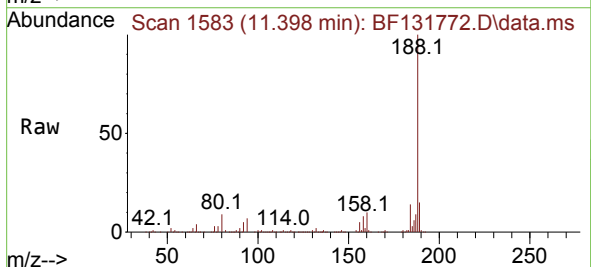


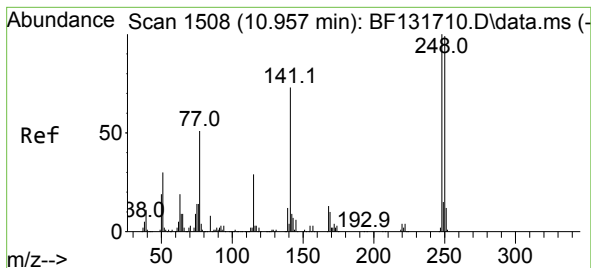
Tgt Ion:165 Resp: 23274
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.9 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

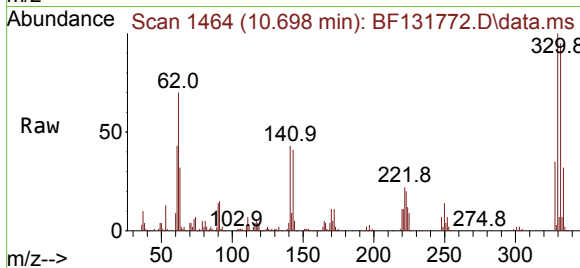
Tgt Ion:188 Resp: 352514
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 9.2 7.0 10.6



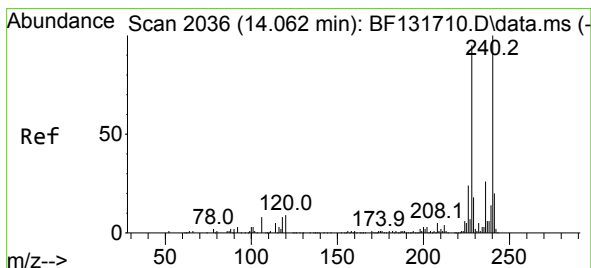
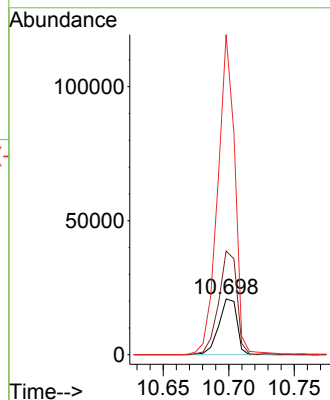
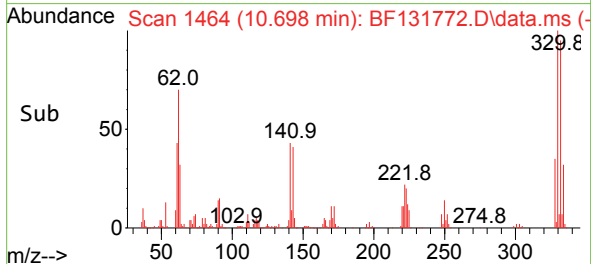


#67
4-Bromophenyl-phenylether
Concen: 4.838 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Instrument :
BNA_F
ClientSampleId :

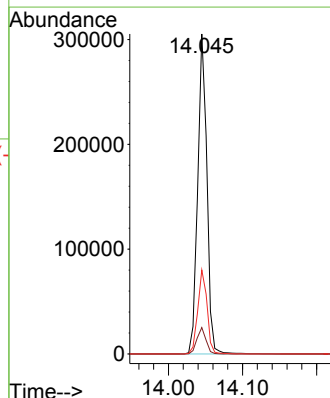
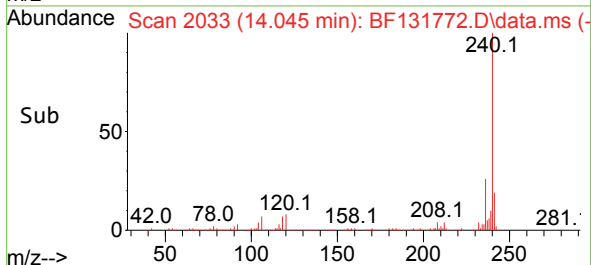
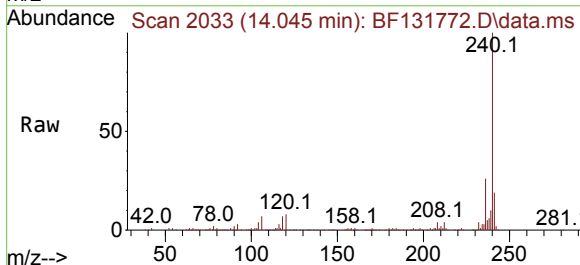


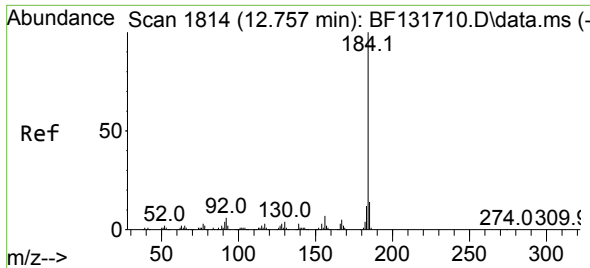
Tgt Ion:248 Resp: 20144
Ion Ratio Lower Upper
248 100
250 186.2 79.4 119.0#
141 575.0 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

Tgt Ion:240 Resp: 262102
Ion Ratio Lower Upper
240 100
120 8.2 7.6 11.4
236 26.3 21.2 31.8

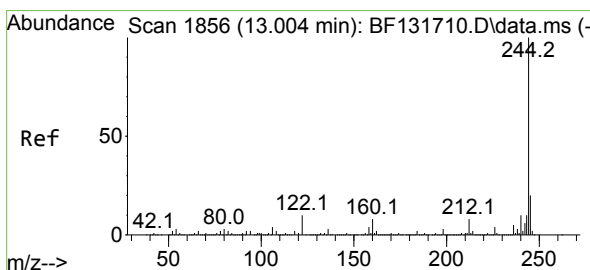
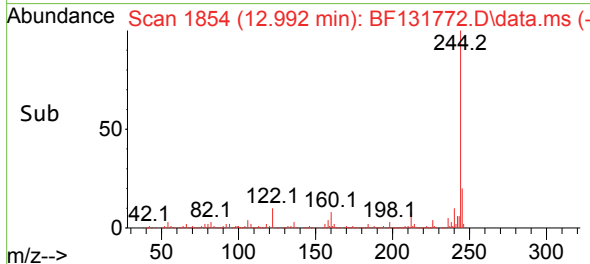
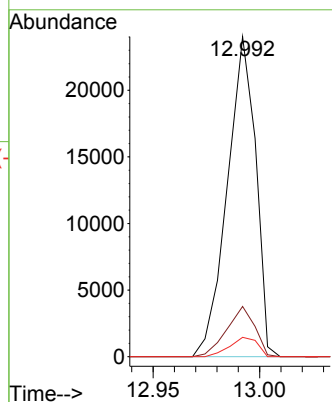
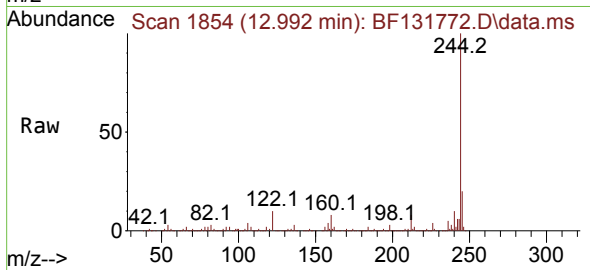




#77
Benzidine
Concen: 4.632 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

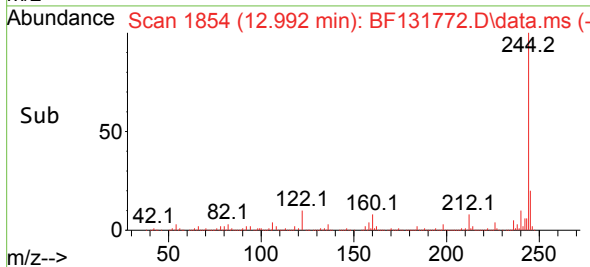
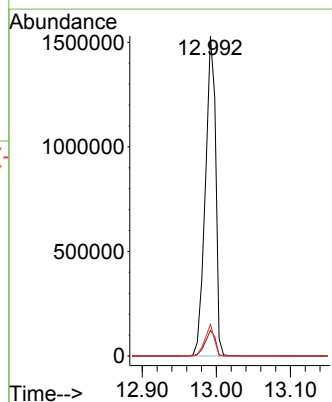
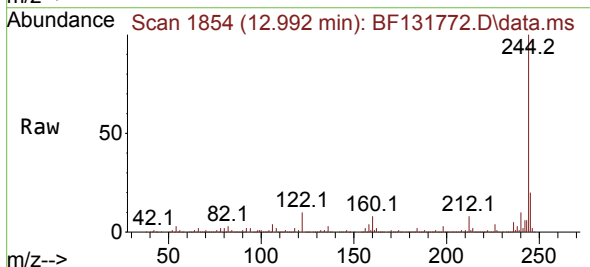
Instrument :
BNA_F
ClientSampleId :

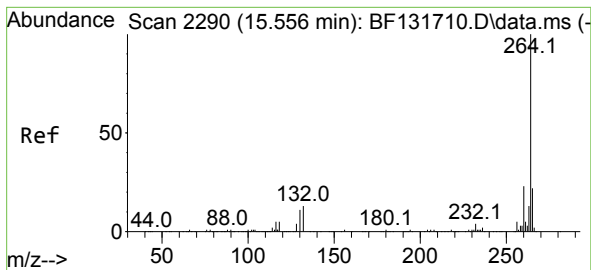
Tgt Ion:184 Resp: 22261
Ion Ratio Lower Upper
184 100
185 15.7 11.3 16.9
183 6.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 88.369 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131772.D
Acq: 22 Dec 2022 12:14

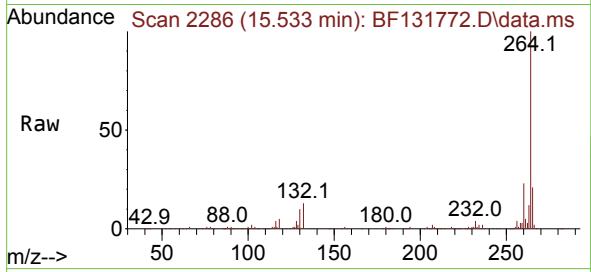
Tgt Ion:244 Resp: 1486133
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.9 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131772.D
 Acq: 22 Dec 2022 12:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 189556
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 20.9 17.4 26.2

