

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
 Data File : BF131773.D
 Acq On : 22 Dec 2022 12:46
 Operator : CG\JU
 Sample : PB149828BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 23 01:52:03 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)

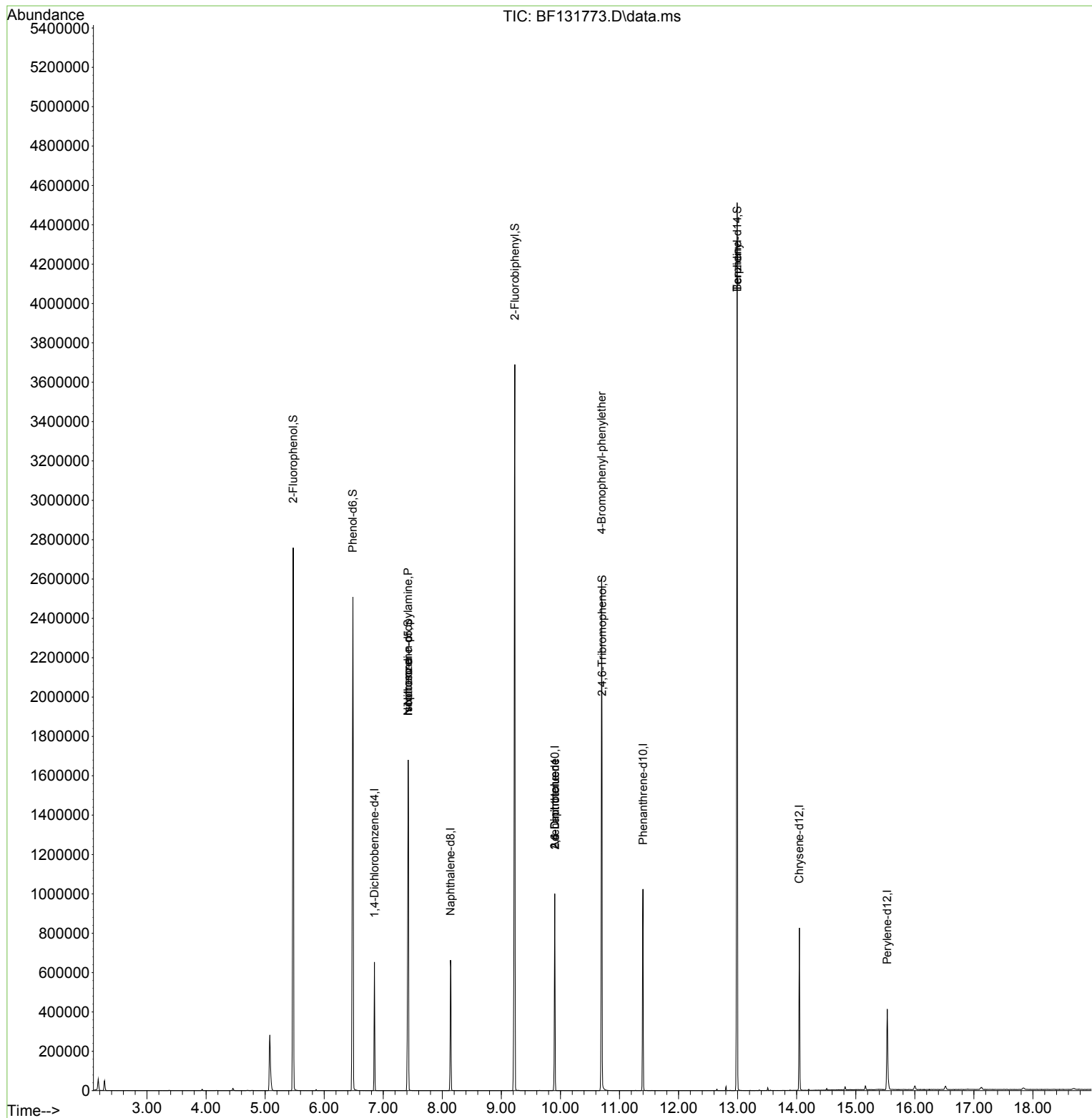
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	80846	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	303765	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	185313	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	356152	20.000	ng	0.00
76) Chrysene-d12	14.045	240	266669	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	187064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	756773	157.623	ng	0.02
7) Phenol-d6	6.487	99	969905	150.089	ng	0.00
23) Nitrobenzene-d5	7.422	82	677757	90.578	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	290878	143.408	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1186387	89.682	ng	0.00
79) Terphenyl-d14	12.992	244	1486093	86.854	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	1683	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.422	70	95401	20.470	ng	# 80
25) Isophorone	7.422	82	675926	53.192	ng	# 70
51) 2,6-Dinitrotoluene	9.904	165	23728	7.914	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	23728	5.889	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19937	4.740	ng	# 1
77) Benizidine	12.992	184	23386	4.783	ng	# 92

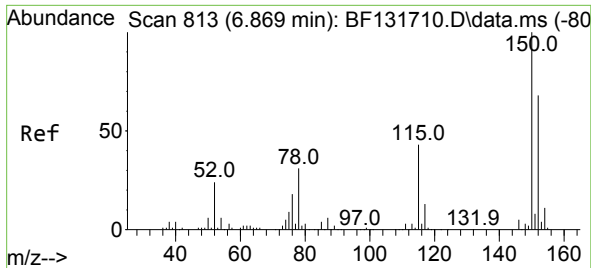
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131773.D
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Operator : CG\JU
Sample : PB149828BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

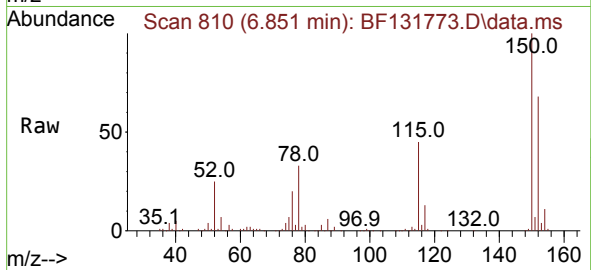
Quant Time: Dec 23 01:52:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 01:24:08 2022
Response via : Initial Calibration



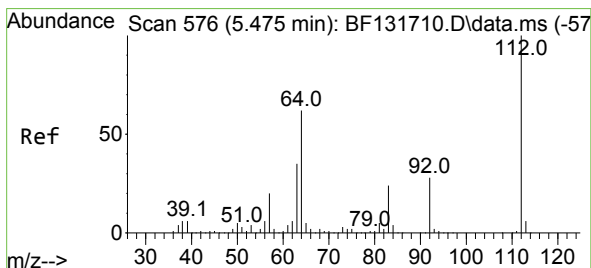
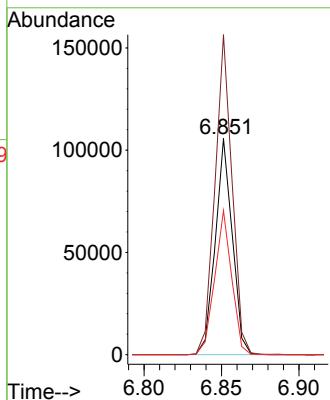
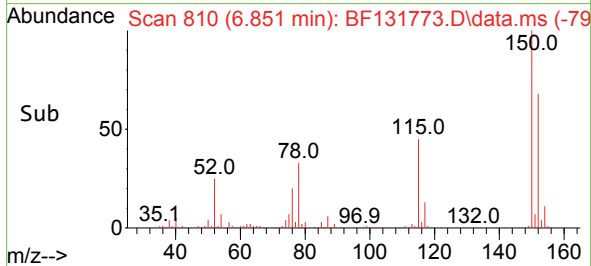


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

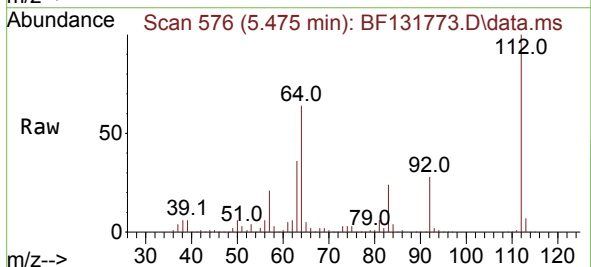
Instrument :
BNA_F
ClientSampleId :



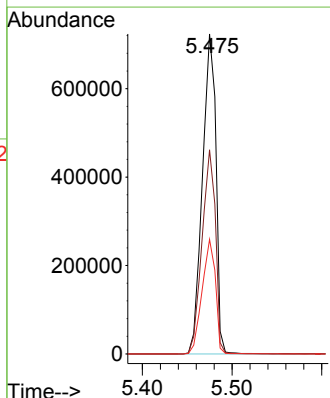
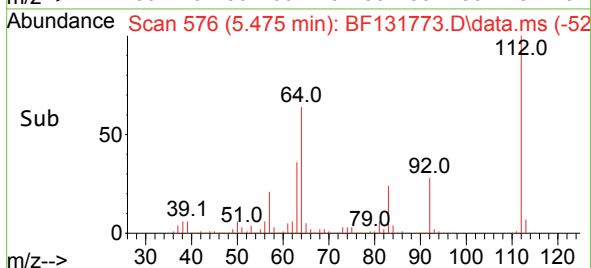
Tgt Ion:152 Resp: 80846
Ion Ratio Lower Upper
152 100
150 148.0 117.4 176.0
115 66.7 50.2 75.4

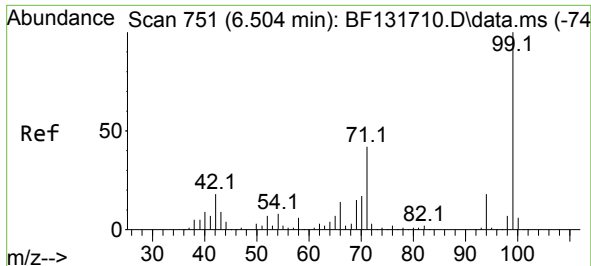


#5
2-Fluorophenol
Concen: 157.623 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46



Tgt Ion:112 Resp: 756773
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 35.8 28.2 42.2

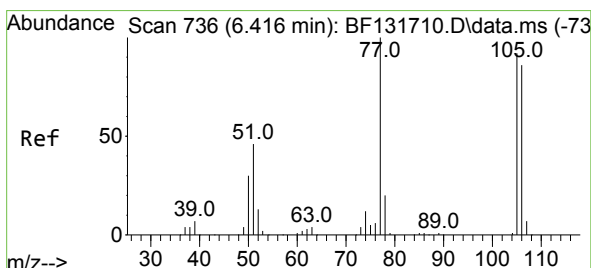
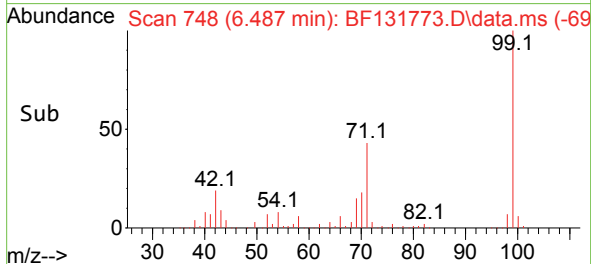
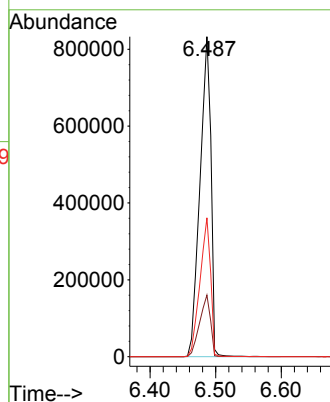
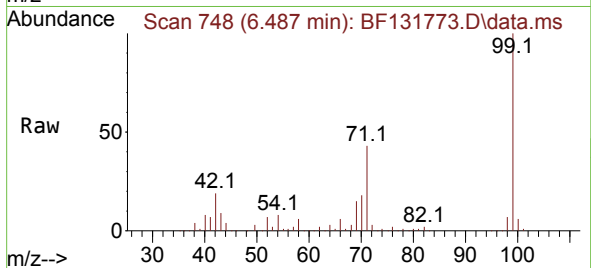




#7
Phenol-d6
Concen: 150.089 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

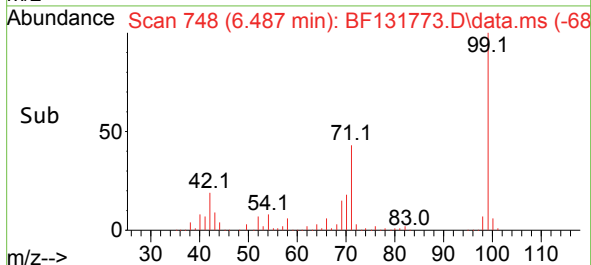
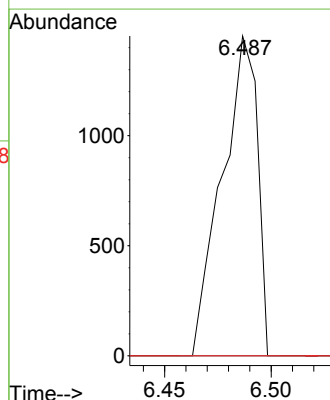
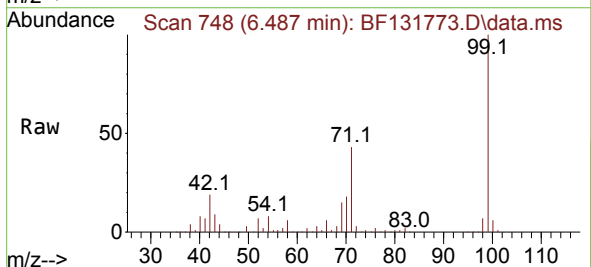
Instrument :
BNA_F
ClientSampleId :

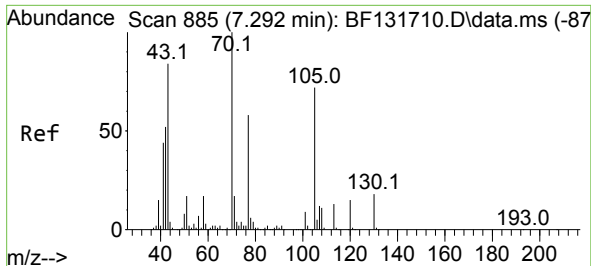
Tgt Ion: 99 Resp: 969905
Ion Ratio Lower Upper
99 100
42 19.3 14.8 22.2
71 43.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 748
Delta R.T. 0.082 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

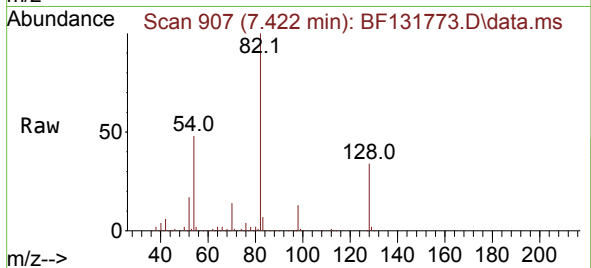
Tgt Ion: 77 Resp: 1683
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#



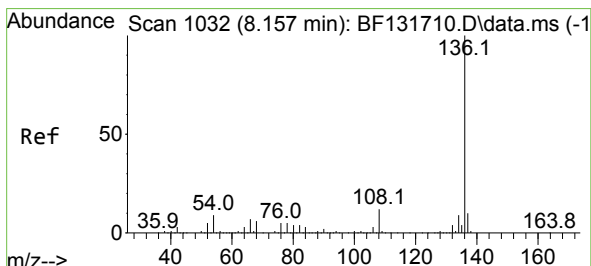
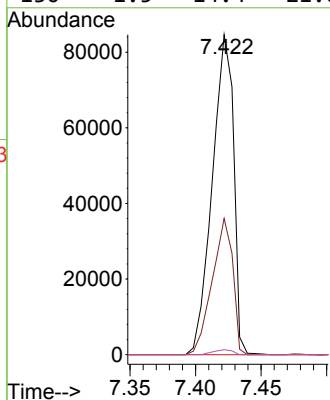
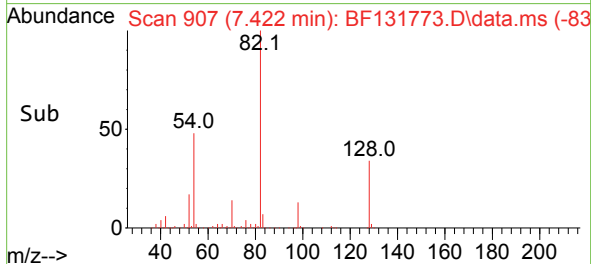


#19
n-Nitroso-di-n-propylamine
Concen: 20.470 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

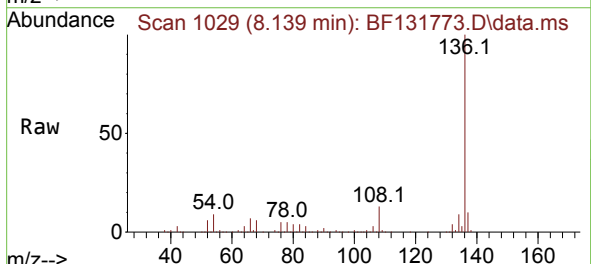
Instrument :
BNA_F
ClientSampleId :



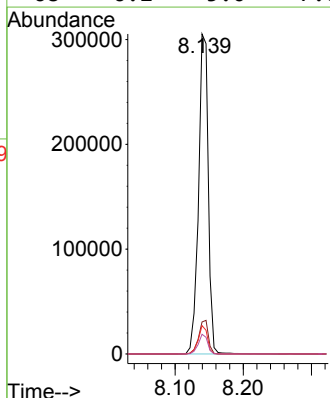
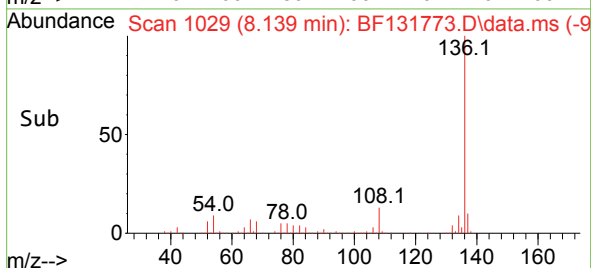
Tgt Ion: 70 Resp: 95401
Ion Ratio Lower Upper
70 100
42 42.5 41.5 62.3
101 0.0 7.3 10.9#
130 1.5 14.4 21.6#

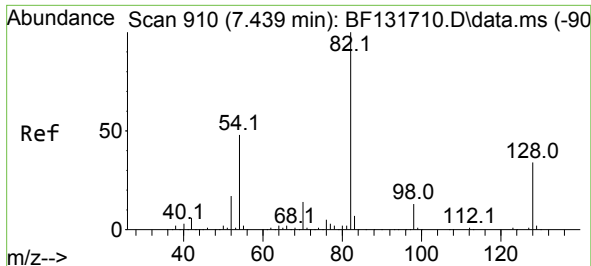


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46



Tgt Ion: 136 Resp: 303765
Ion Ratio Lower Upper
136 100
137 10.0 8.4 12.6
54 8.9 7.2 10.8
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.578 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF131773.D

Acq: 22 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :

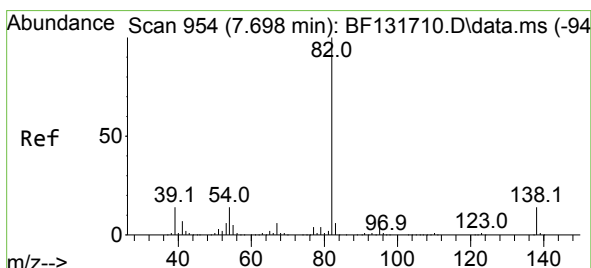
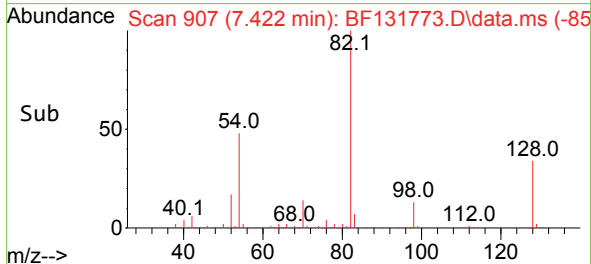
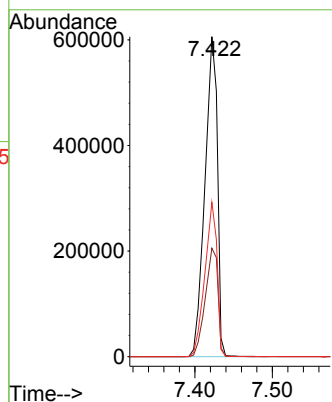
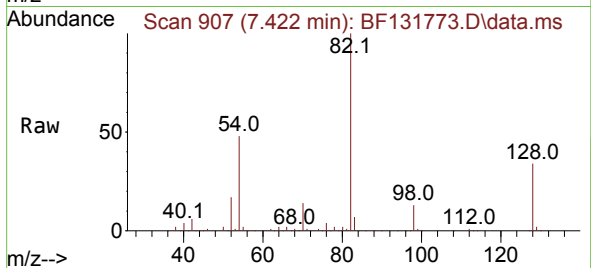
Tgt Ion: 82 Resp: 677757

Ion Ratio Lower Upper

82 100

128 33.9 27.3 40.9

54 48.3 38.2 57.2



#25

Isophorone

Concen: 53.192 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.265 min

Lab File: BF131773.D

Acq: 22 Dec 2022 12:46

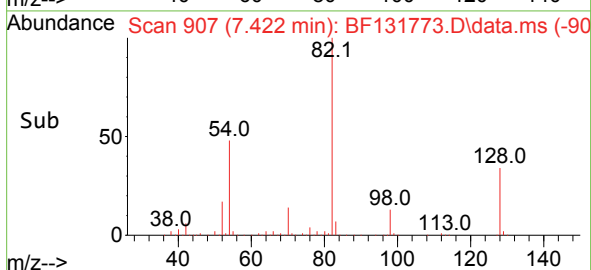
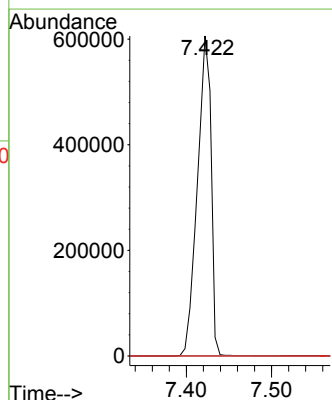
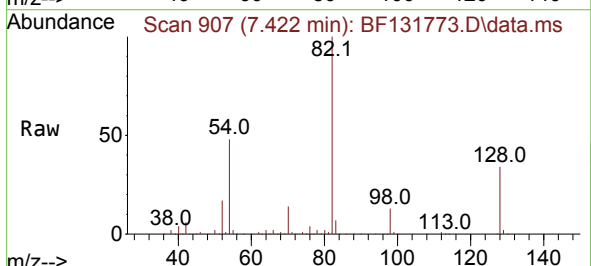
Tgt Ion: 82 Resp: 675926

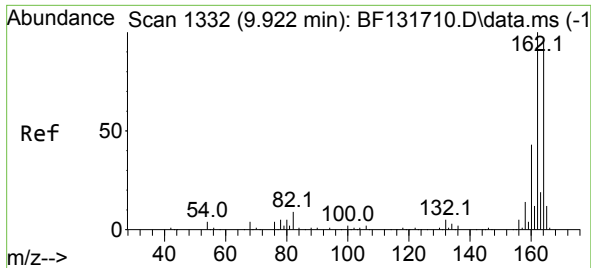
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.006 min

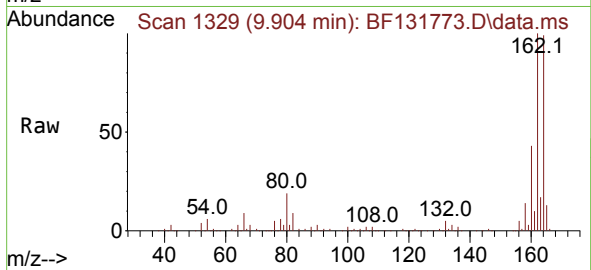
Lab File: BF131773.D

Acq: 22 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :



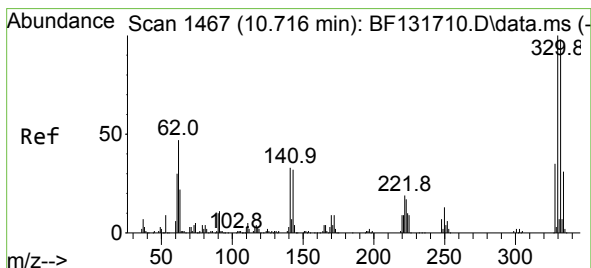
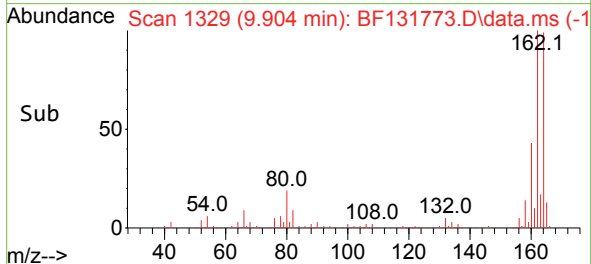
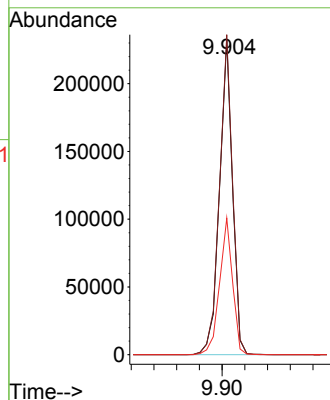
Tgt Ion:164 Resp: 185313

Ion Ratio Lower Upper

164 100

162 101.4 83.7 125.5

160 43.3 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 143.408 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF131773.D

Acq: 22 Dec 2022 12:46

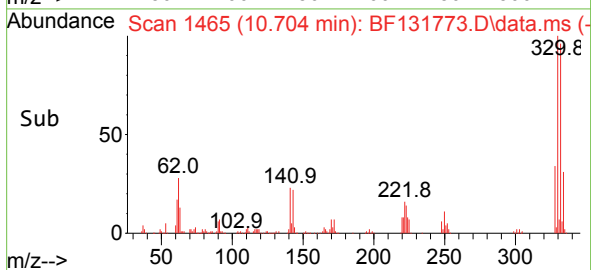
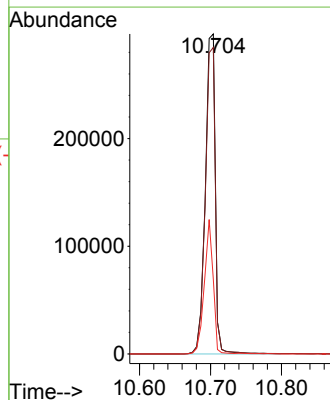
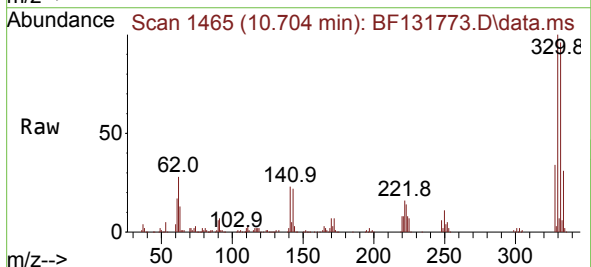
Tgt Ion:330 Resp: 290878

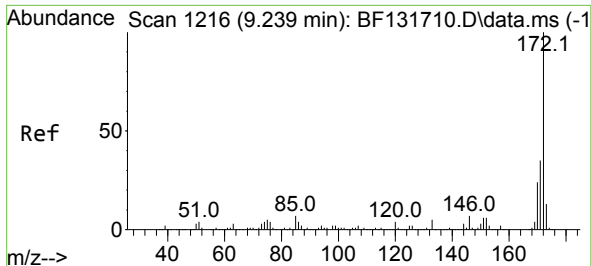
Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 37.5 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 89.682 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.000 min

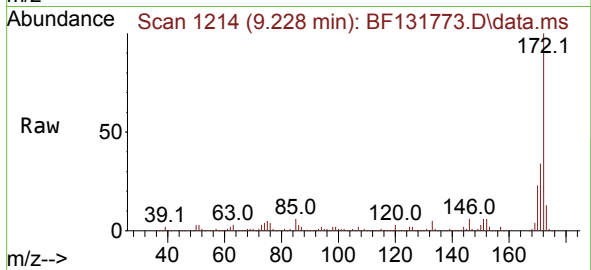
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Acq: 22 Dec 2022 12:46

Instrument :

BNA_F

ClientSampleId :



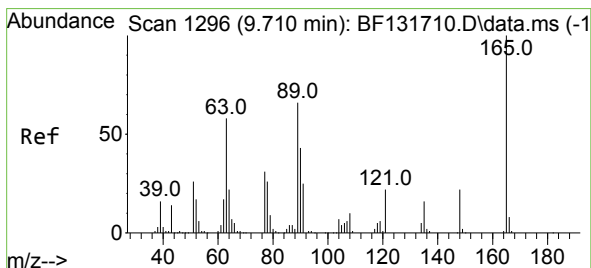
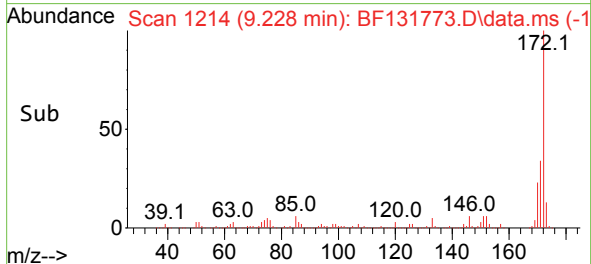
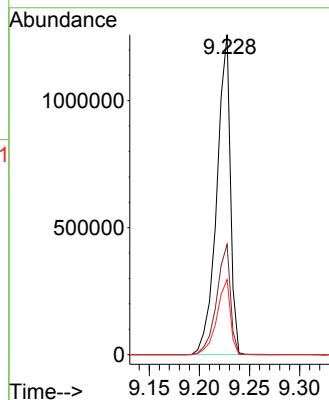
Tgt Ion:172 Resp: 1186387

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.4 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.914 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.206 min

Lab File: BF131773.D

Acq: 22 Dec 2022 12:46

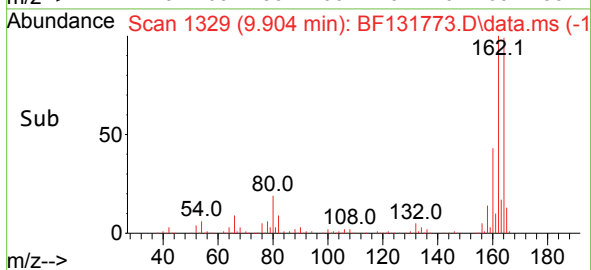
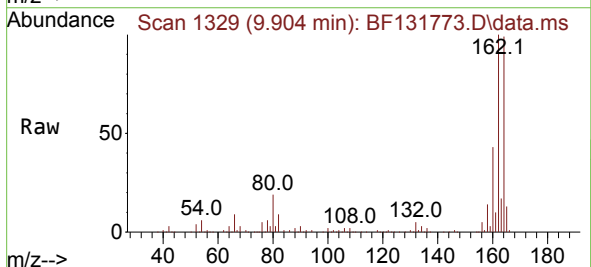
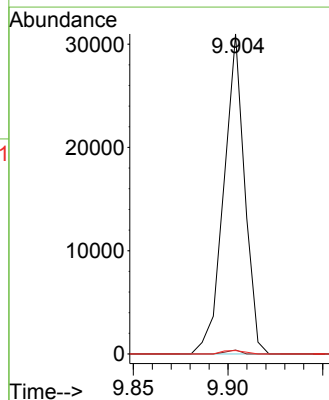
Tgt Ion:165 Resp: 23728

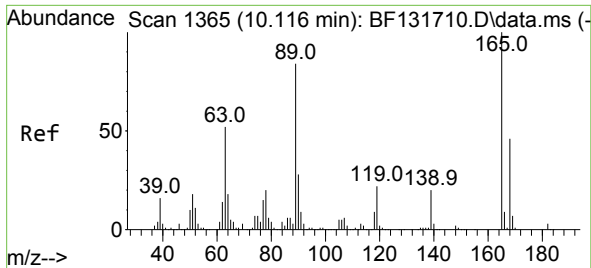
Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

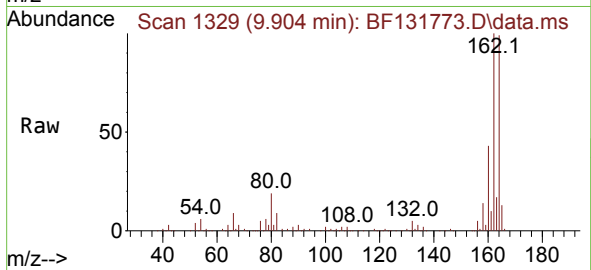
89 1.0 53.2 79.8#



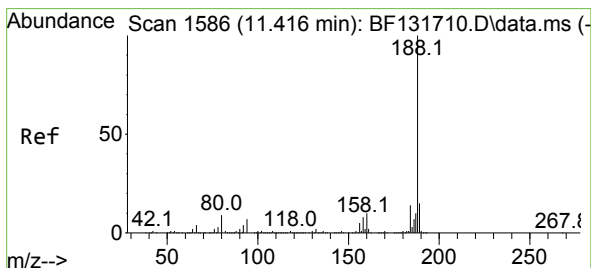
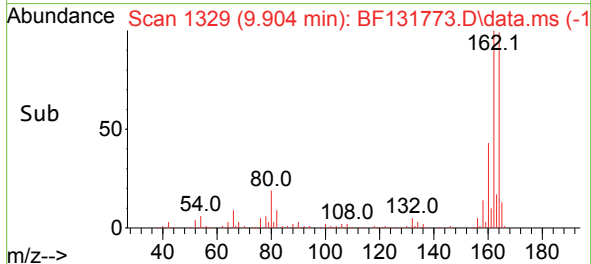
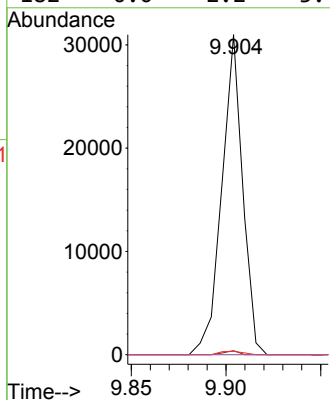


#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

Instrument :
BNA_F
ClientSampleId :

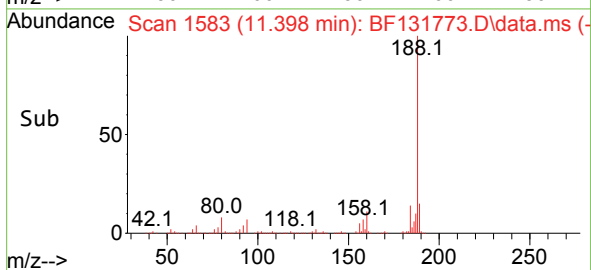
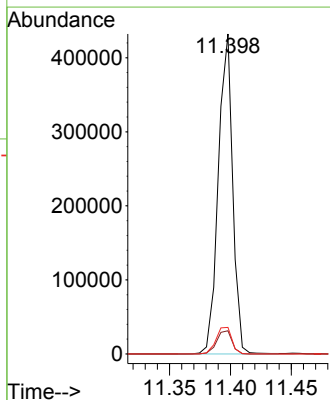
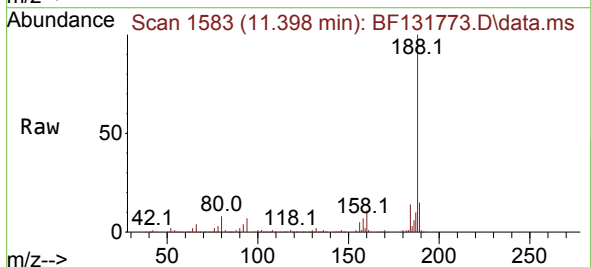


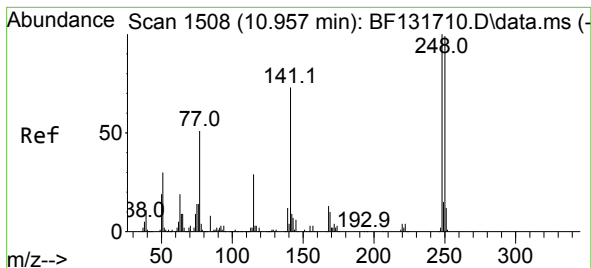
Tgt Ion:165 Resp: 23728
Ion Ratio Lower Upper
165 100
63 1.3 41.5 62.3#
89 1.0 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

Tgt Ion:188 Resp: 356152
Ion Ratio Lower Upper
188 100
94 7.3 5.9 8.9
80 8.3 7.0 10.6

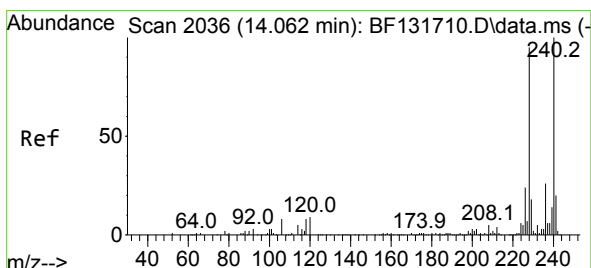
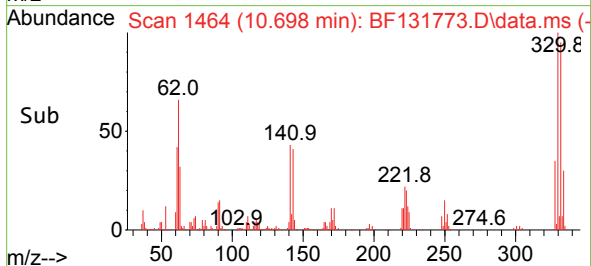
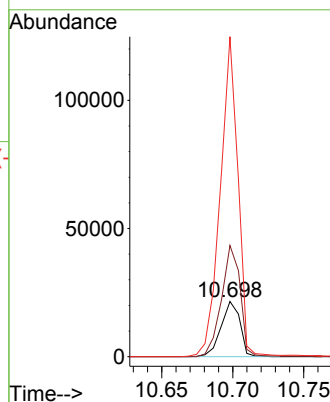
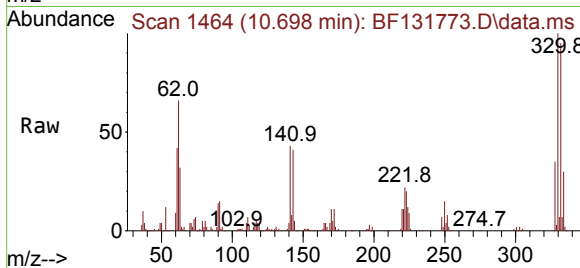




#67
4-Bromophenyl-phenylether
Concen: 4.740 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

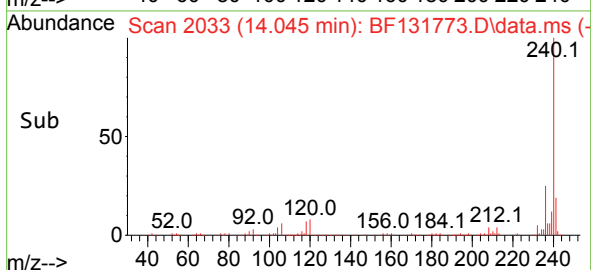
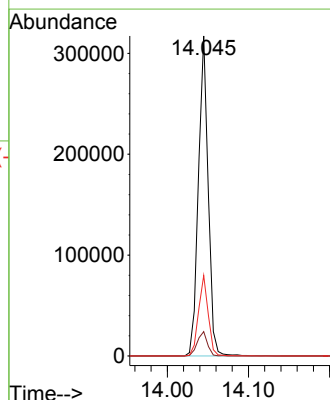
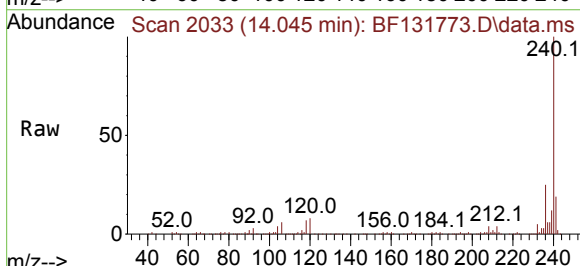
Instrument :
BNA_F
ClientSampleId :

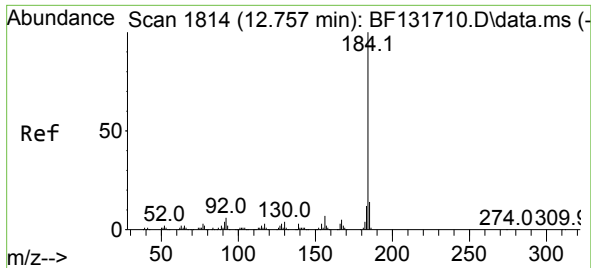
Tgt Ion:248 Resp: 19937
Ion Ratio Lower Upper
248 100
250 201.4 79.4 119.0#
141 579.2 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

Tgt Ion:240 Resp: 266669
Ion Ratio Lower Upper
240 100
120 7.6 7.6 11.4#
236 25.2 21.2 31.8

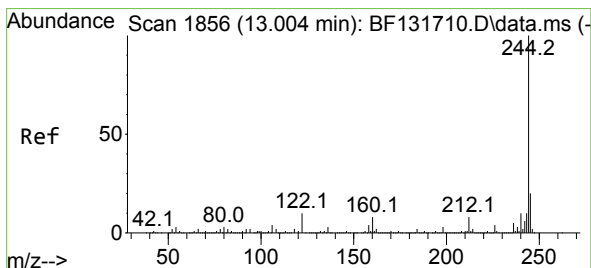
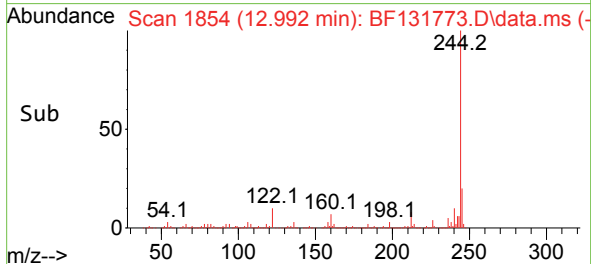
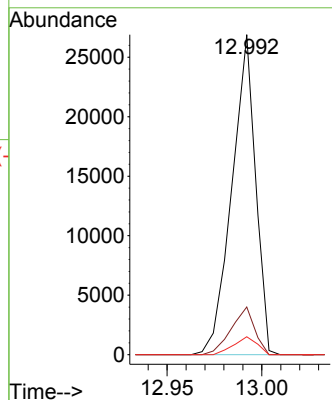
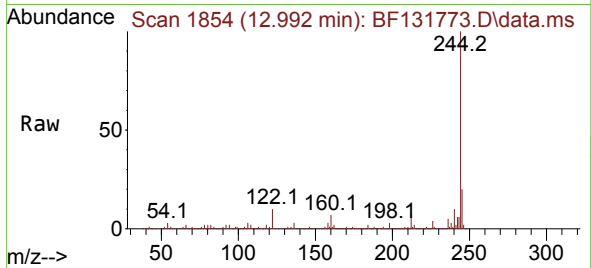




#77
Benzidine
Concen: 4.783 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

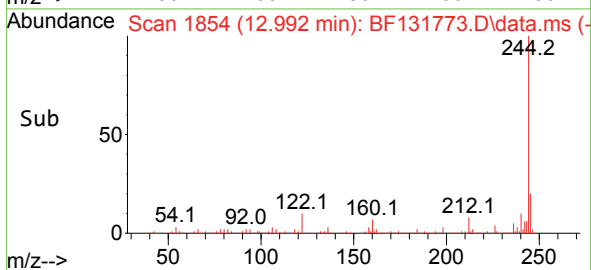
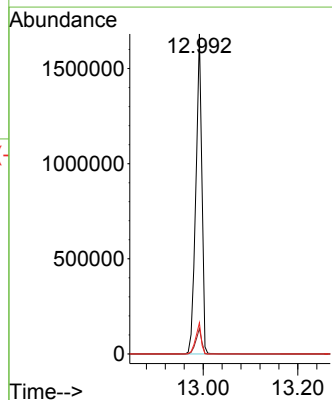
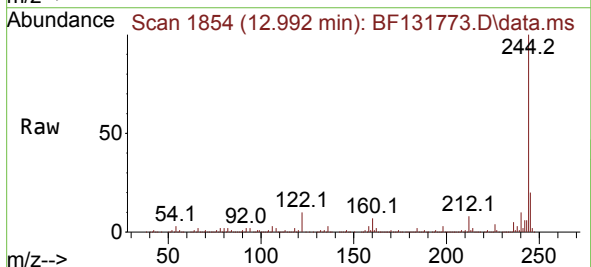
Instrument :
BNA_F
ClientSampleId :

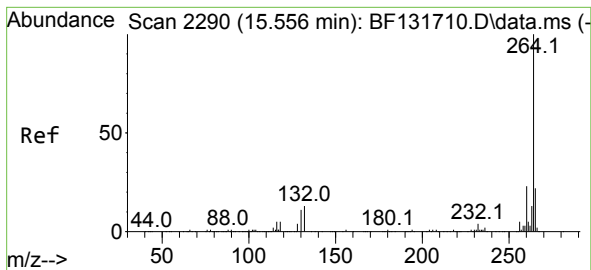
Tgt Ion:184 Resp: 23386
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 5.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 86.854 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

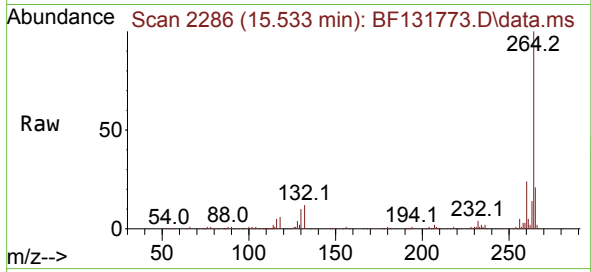
Tgt Ion:244 Resp: 1486093
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 9.8 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131773.D
Acq: 22 Dec 2022 12:46

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 187064
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.4 17.4 26.2

