

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
 Data File : BF128457.D
 Acq On : 25 May 2022 13:59
 Operator : CG\JU
 Sample : N2894-24
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P008-SS004-0006-01

Quant Time: May 26 01:00:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 12:38:46 2022
 Response via : Initial Calibration

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

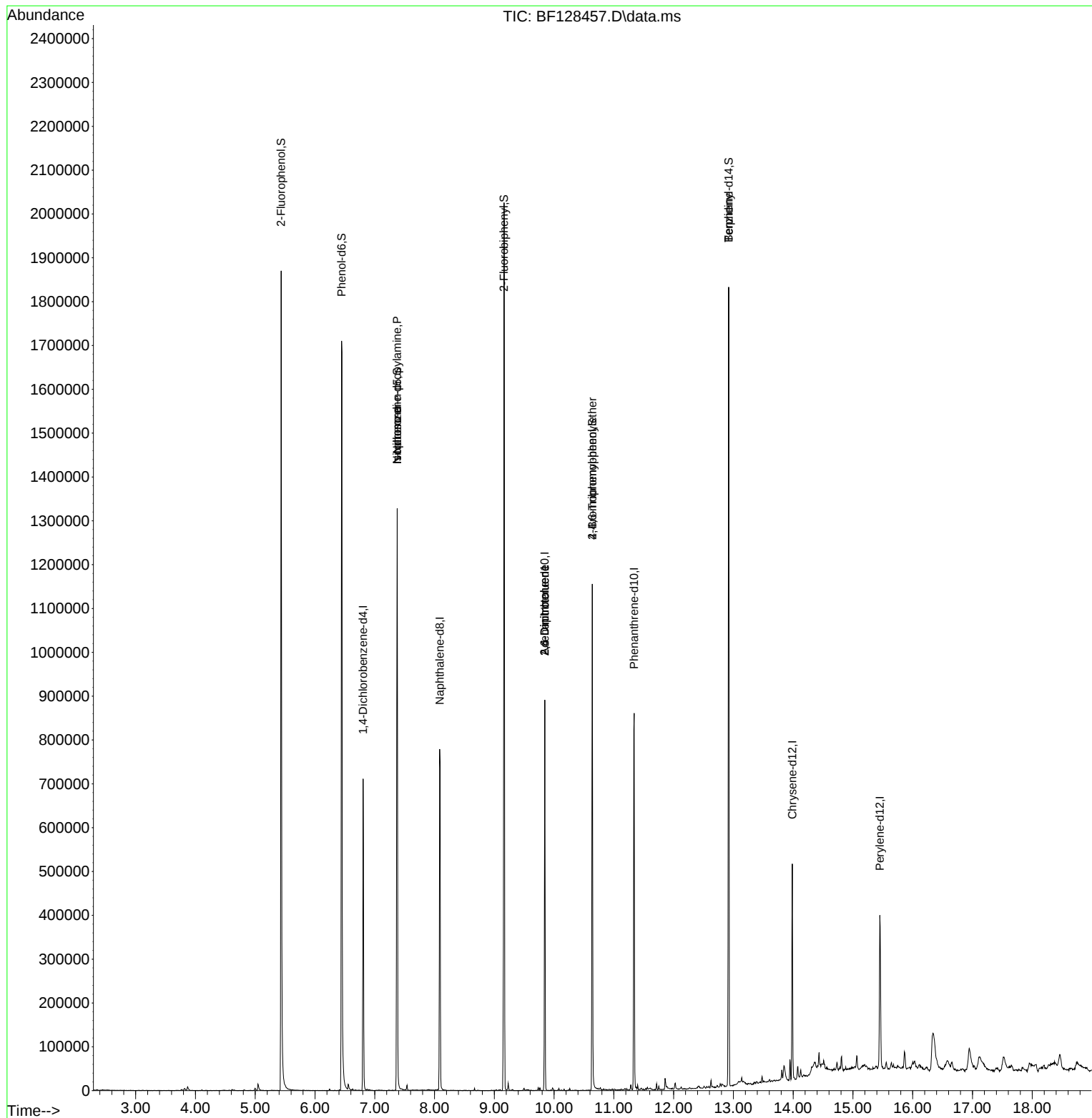
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	101481	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	354572	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	162616	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	322932	20.000	ng	0.00
76) Chrysene-d12	13.986	240	161354	20.000	ng	0.00
86) Perylene-d12	15.451	264	155152	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	479471	75.188	ng	0.00
7) Phenol-d6	6.445	99	625888	74.536	ng	-0.01
23) Nitrobenzene-d5	7.375	82	437013	55.223	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	122615	73.113	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	586604	58.991	ng	0.00
79) Terphenyl-d14	12.921	244	605676	72.462	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	1089	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.375	70	57910	11.531	ng	# 79
25) Isophorone	7.375	82	437007	36.035	ng	# 68
51) 2,6-Dinitrotoluene	9.845	165	21046	9.290	ng	# 22
57) 2,4-Dinitrotoluene	9.845	165	21046	7.373	ng	# 27
67) 4-Bromophenyl-phenylether	10.639	248	7915	2.342	ng	# 1
77) Benizidine	12.921	184	8790	2.619	ng	# 95

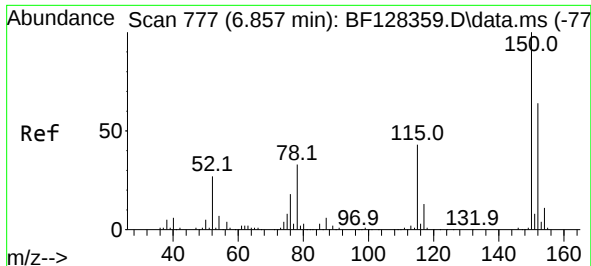
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052522\
Data File : BF128457.D
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Sample : N2894-24
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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P008-SS004-0006-01

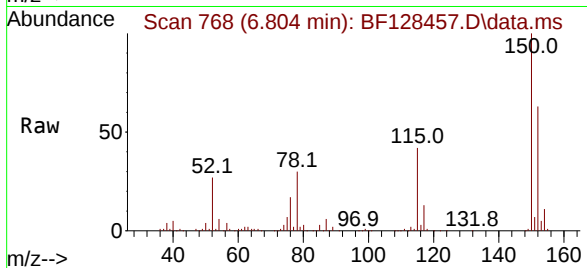
Quant Time: May 26 01:00:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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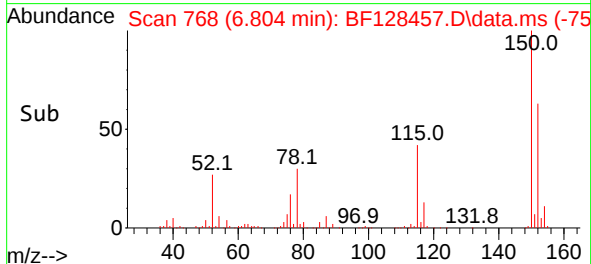
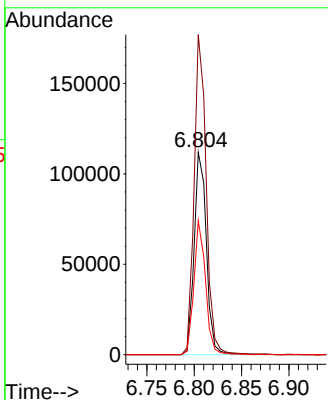


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Instrument :
BNA_F
ClientSampleId :
P008-SS004-0006-01

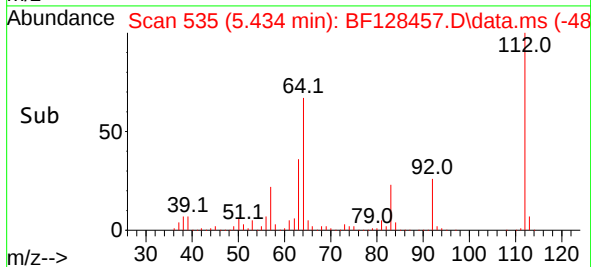
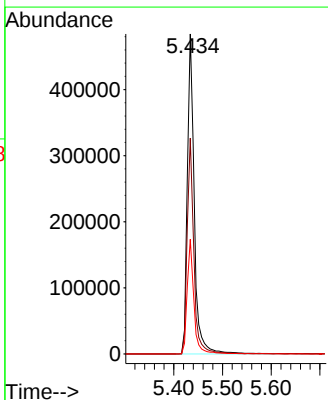
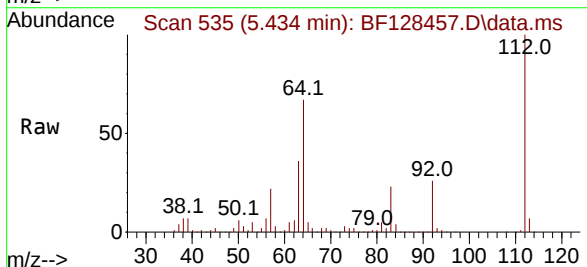


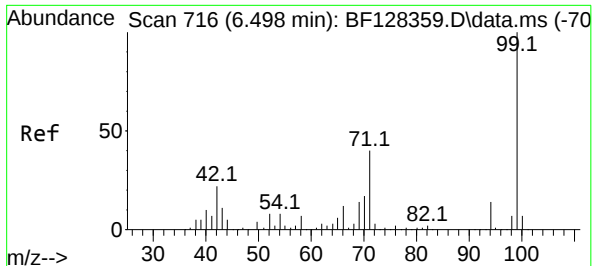
Tgt Ion:152 Resp: 101481
Ion Ratio Lower Upper
152 100
150 158.1 125.3 187.9
115 66.2 48.8 73.2



#5
2-Fluorophenol
Concen: 75.188 ng
RT: 5.434 min Scan# 535
Delta R.T. -0.000 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion:112 Resp: 479471
Ion Ratio Lower Upper
112 100
64 67.4 49.5 74.3
63 35.8 26.3 39.5

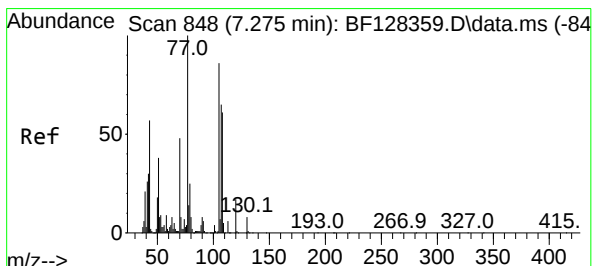
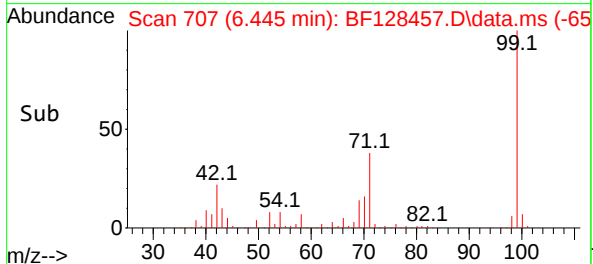
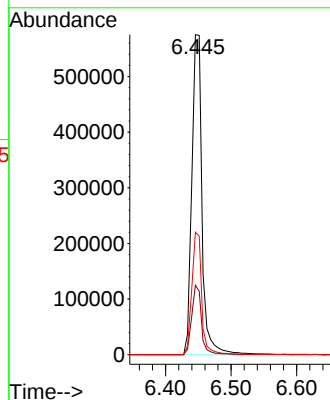
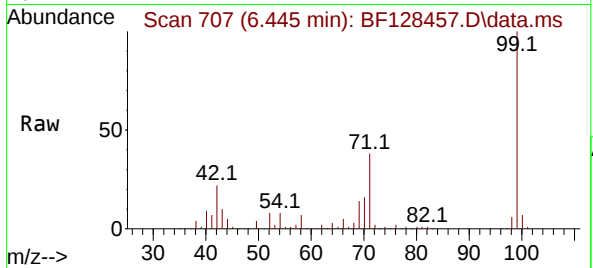




#7
Phenol-d6
Concen: 74.536 ng
RT: 6.445 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

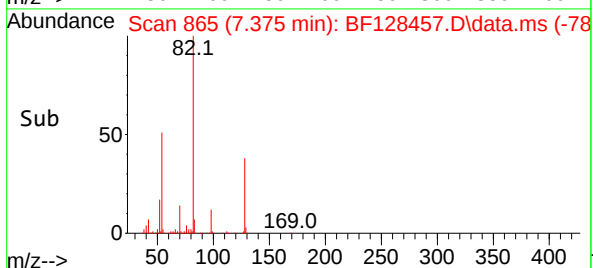
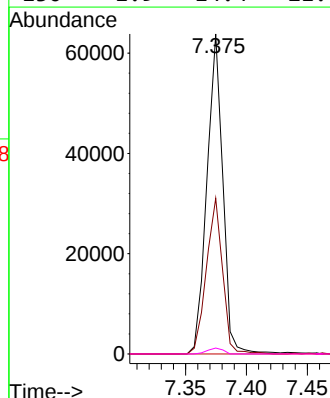
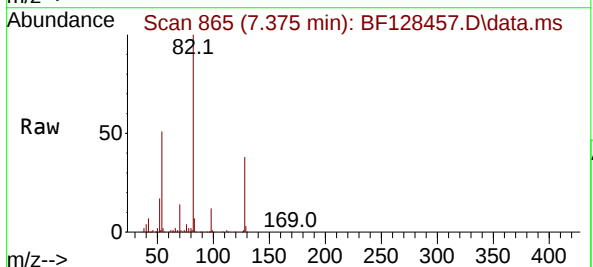
Instrument :
BNA_F
ClientSampleId :
P008-SS004-0006-01

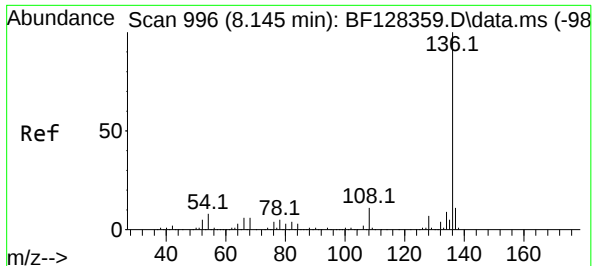
Tgt Ion: 99 Resp: 625888
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.531 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.147 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion: 70 Resp: 57910
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

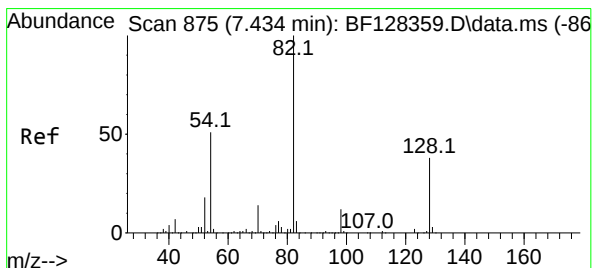
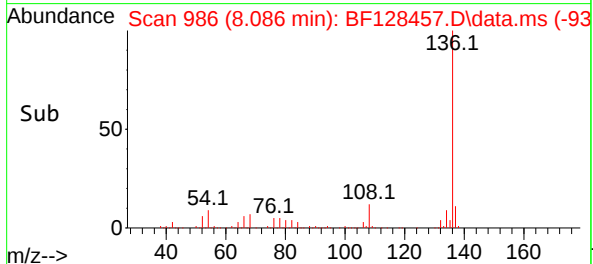
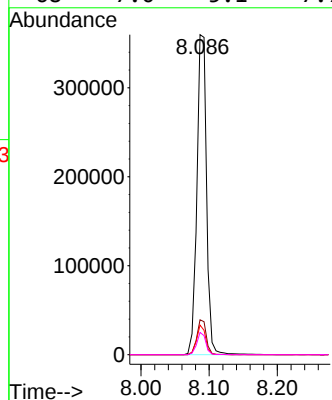
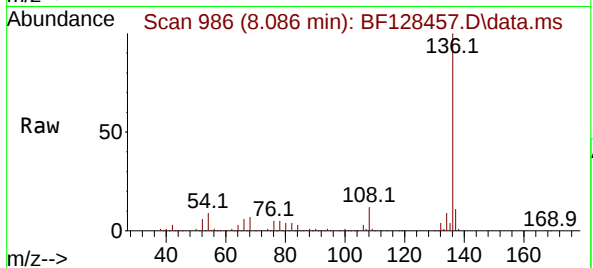




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

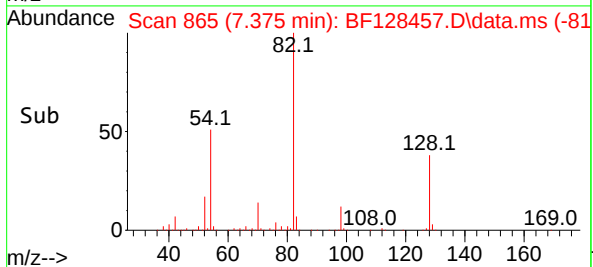
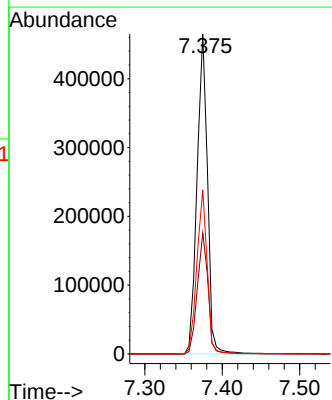
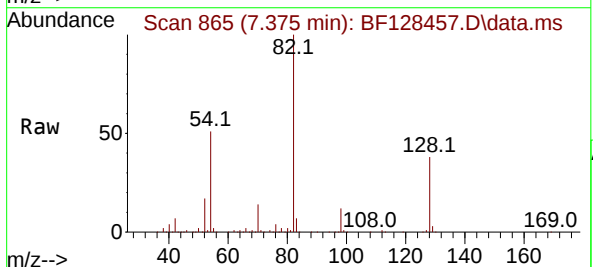
Instrument :
BNA_F
ClientSampleId :
P008-SS004-0006-01

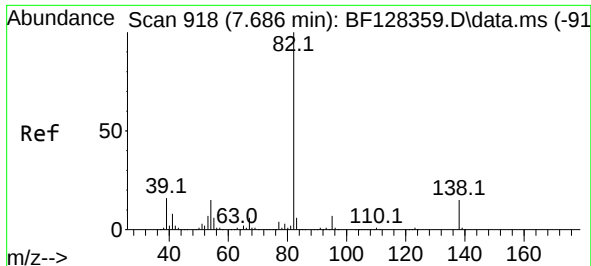
Tgt Ion:136 Resp: 354572
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 6.8 10.2
68 7.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 55.223 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion: 82 Resp: 437013
Ion Ratio Lower Upper
82 100
128 37.9 30.0 45.0
54 51.3 41.3 61.9

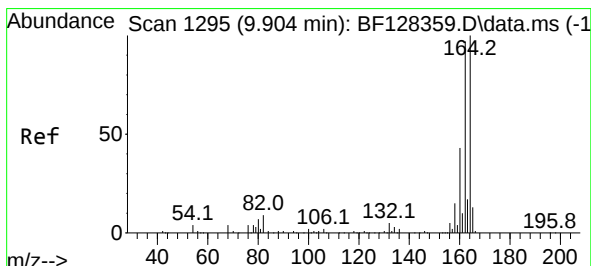
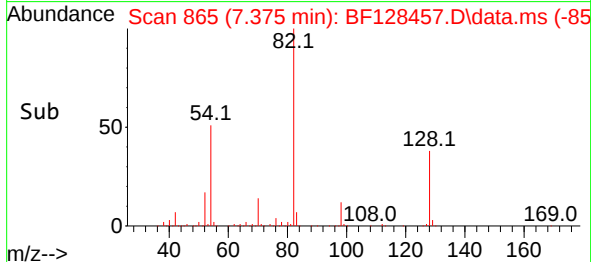
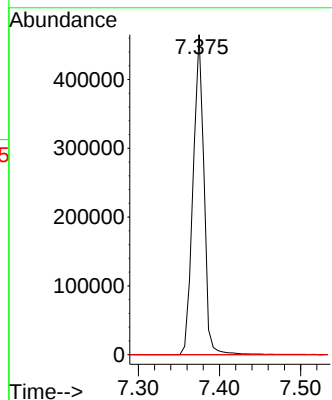
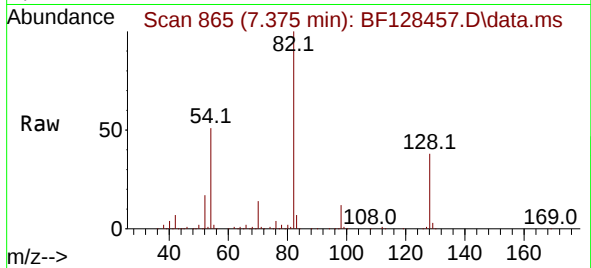




#25
Isophorone
Concen: 36.035 ng
RT: 7.375 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

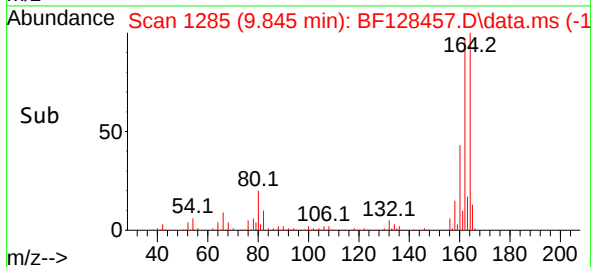
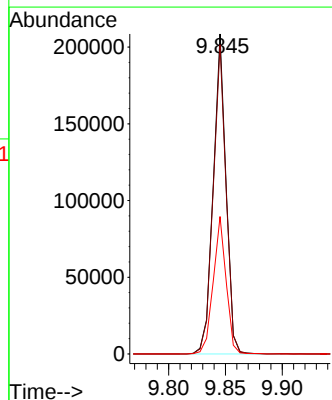
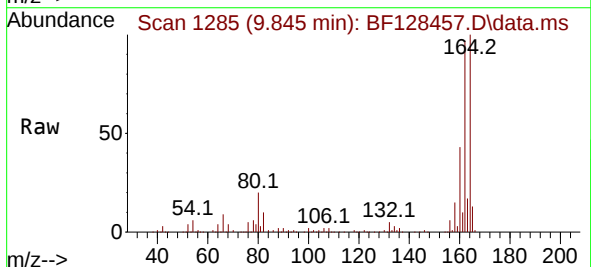
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ClientSampleId :
P008-SS004-0006-01

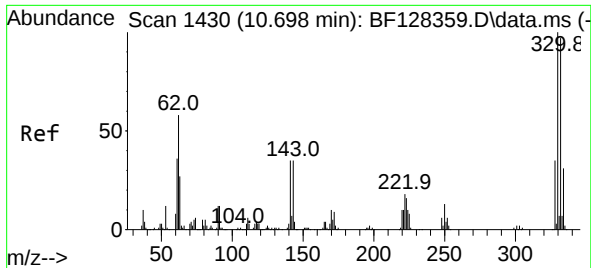
Tgt Ion: 82 Resp: 437007
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion:164 Resp: 162616
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 42.9 34.8 52.2

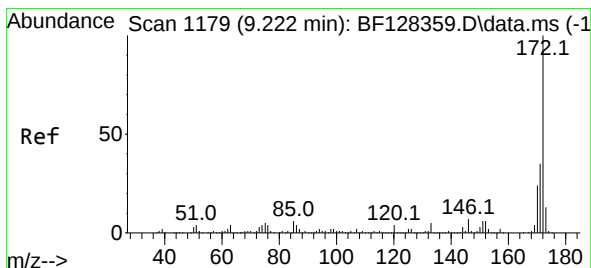
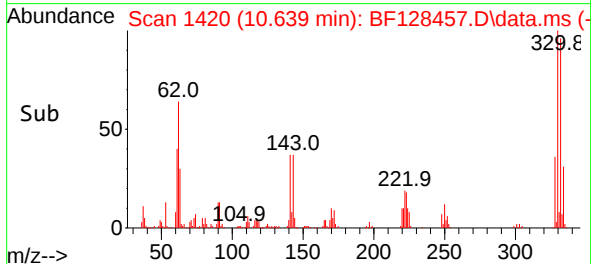
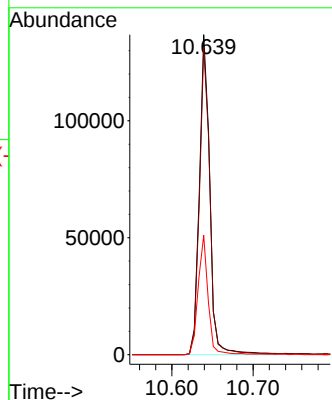
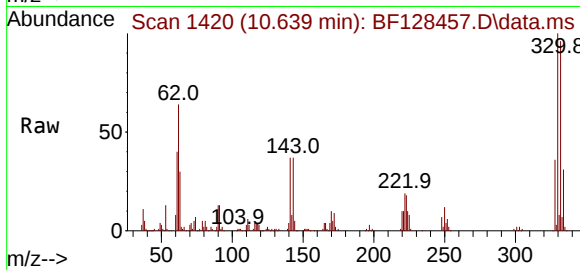




#42
2,4,6-Tribromophenol
Concen: 73.113 ng
RT: 10.639 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

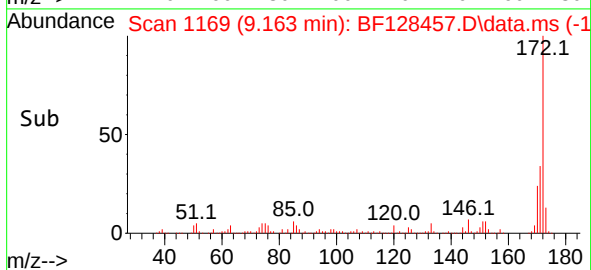
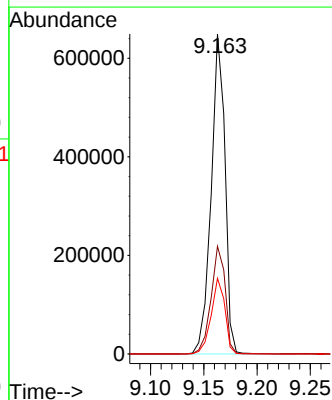
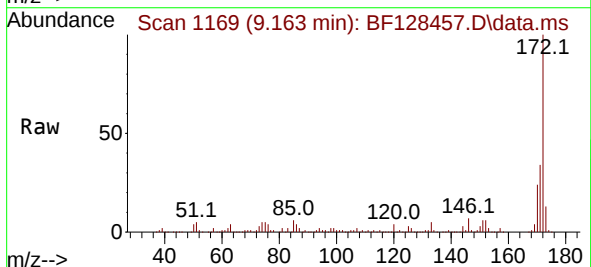
Instrument :
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P008-SS004-0006-01

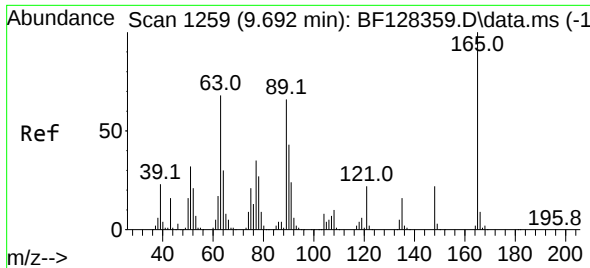
Tgt Ion:330 Resp: 122615
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 35.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 58.991 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion:172 Resp: 586604
Ion Ratio Lower Upper
172 100
171 33.7 28.6 42.8
170 23.6 19.1 28.7

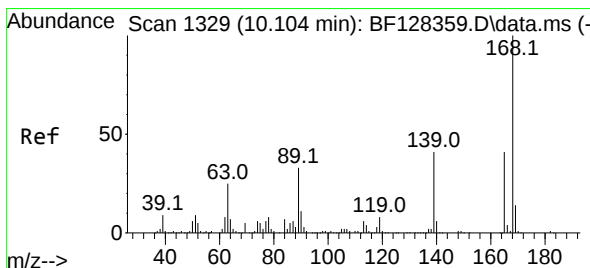
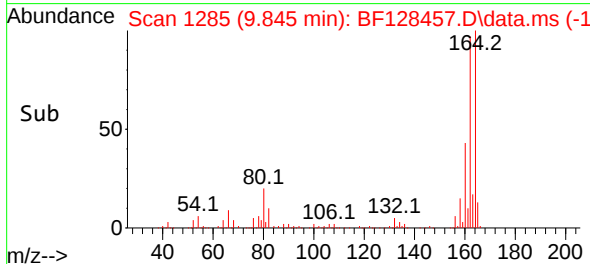
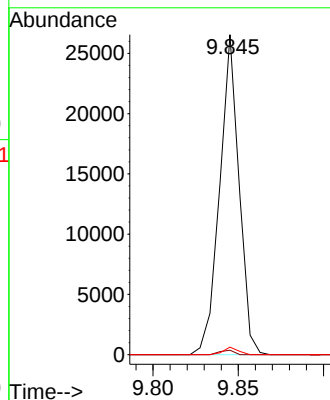
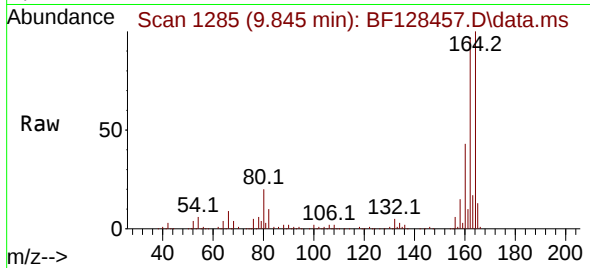




#51
2,6-Dinitrotoluene
Concen: 9.290 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

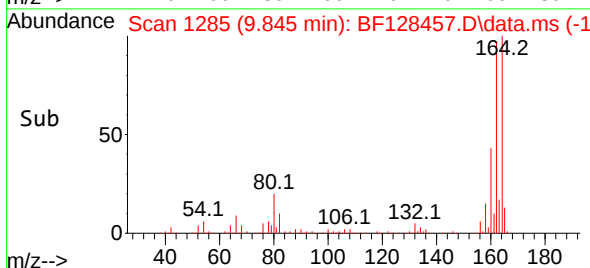
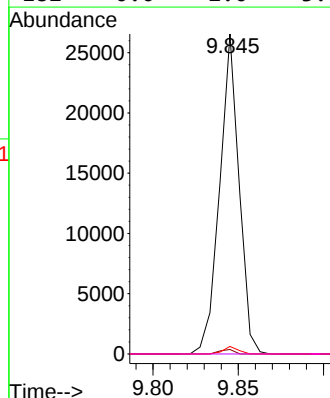
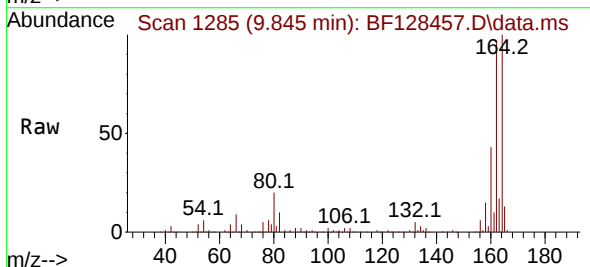
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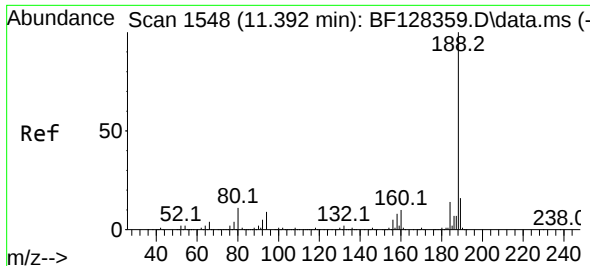
Tgt Ion:165 Resp: 21046
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 2.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.373 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.206 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion:165 Resp: 21046
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 2.3 55.2 82.8#
182 0.0 2.0 3.0#

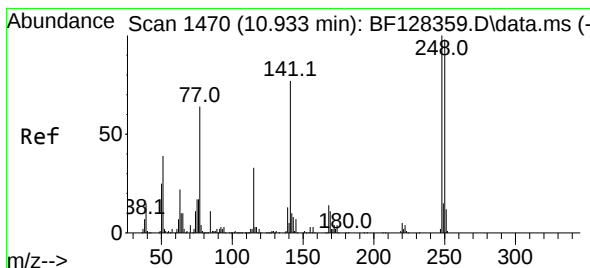
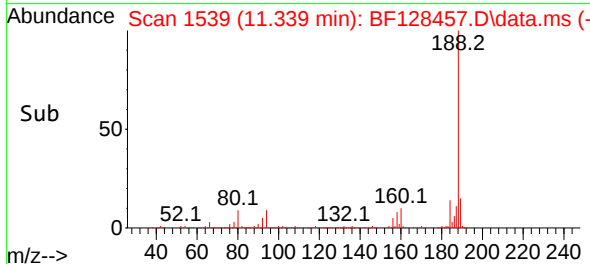
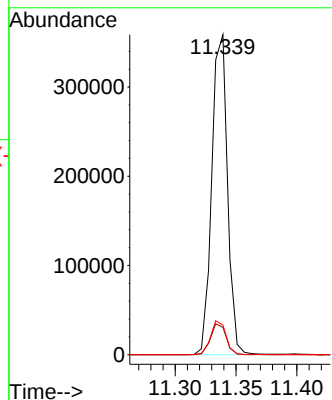
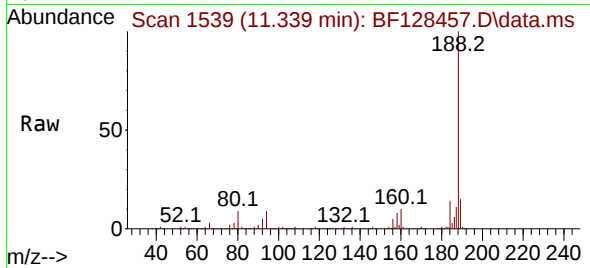




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

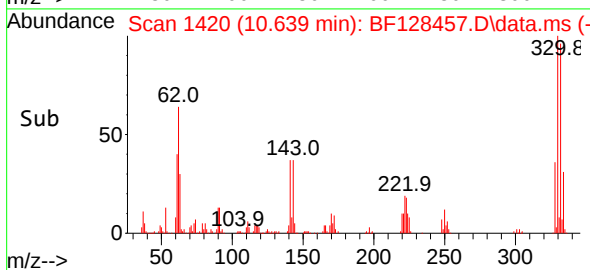
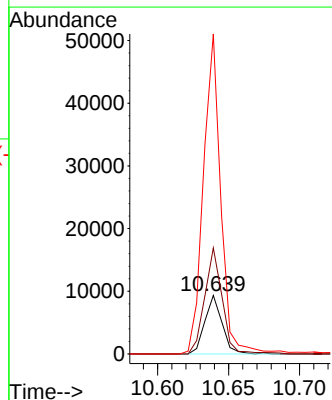
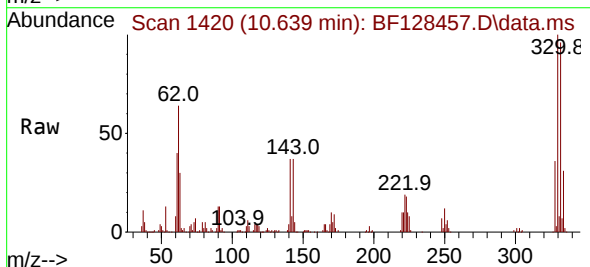
Instrument :
BNA_F
ClientSampleId :
P008-SS004-0006-01

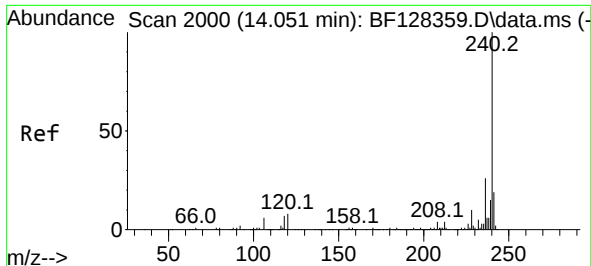
Tgt Ion:188 Resp: 322932
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.342 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.241 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

Tgt Ion:248 Resp: 7915
Ion Ratio Lower Upper
248 100
250 181.1 77.7 116.5#
141 546.5 65.6 98.4#

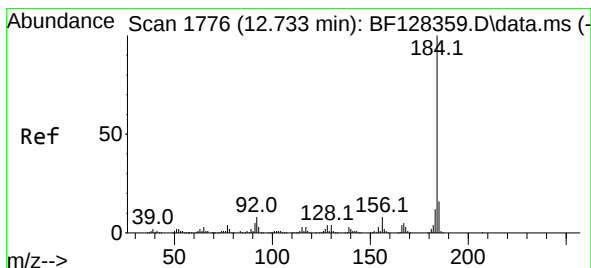
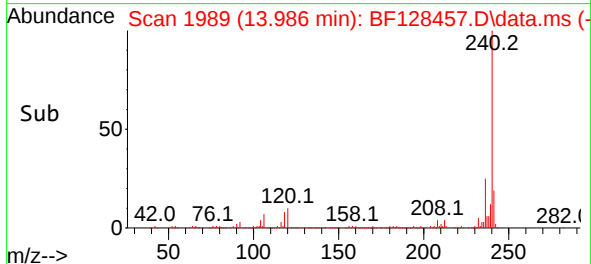
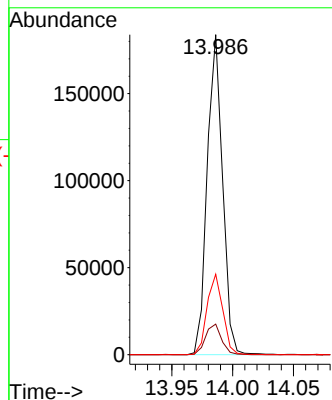
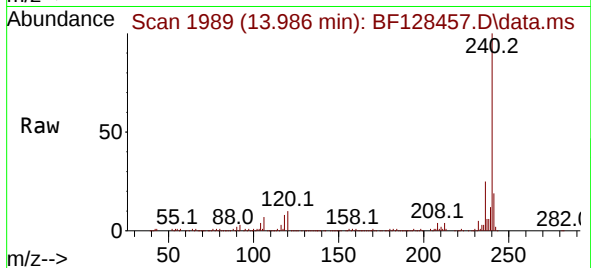




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

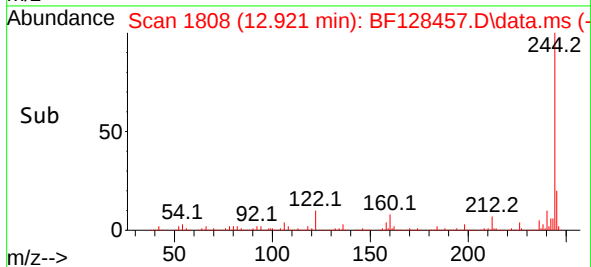
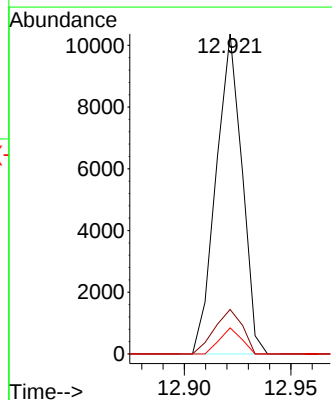
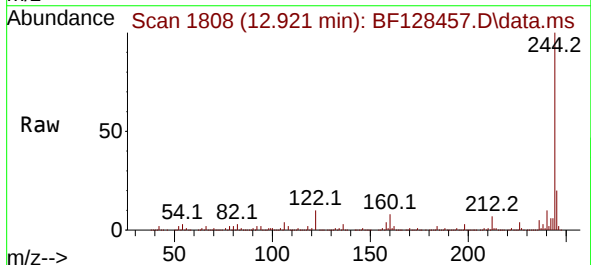
Instrument :
BNA_F
ClientSampleId :
P008-SS004-0006-01

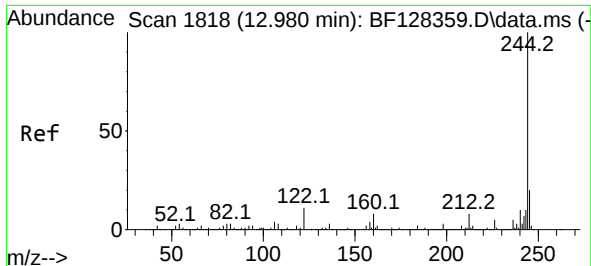
Tgt Ion:240 Resp: 161354
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.1 20.3 30.5



#77
Benzidine
Concen: 2.619 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128457.D
Acq: 25 May 2022 13:59

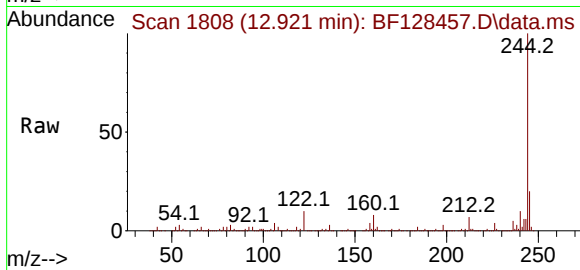
Tgt Ion:184 Resp: 8790
Ion Ratio Lower Upper
184 100
185 13.9 12.1 18.1
183 8.2 9.0 13.4



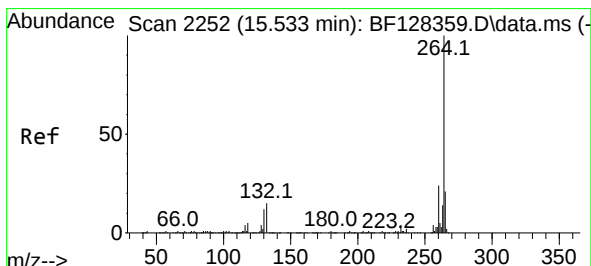
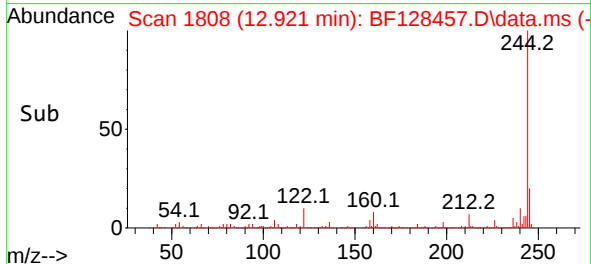
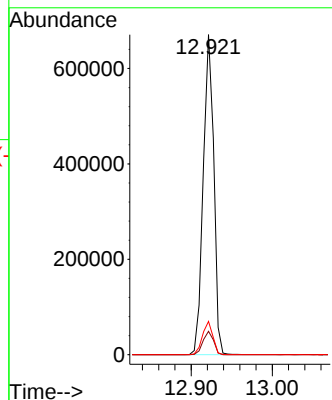


#79
 Terphenyl-d14
 Concen: 72.462 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.006 min
 Lab File: BF128457.D
 Acq: 25 May 2022 13:59

Instrument :
 BNA_F
 ClientSampleId :
 P008-SS004-0006-01



Tgt Ion:244 Resp: 605676
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 10.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF128457.D
 Acq: 25 May 2022 13:59

Tgt Ion:264 Resp: 155152
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 21.3 17.5 26.3

