

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128417.D
 Acq On : 23 May 2022 23:38
 Operator : CG\JU
 Sample : N2875-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS007-0006-01

Quant Time: May 24 01:24:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

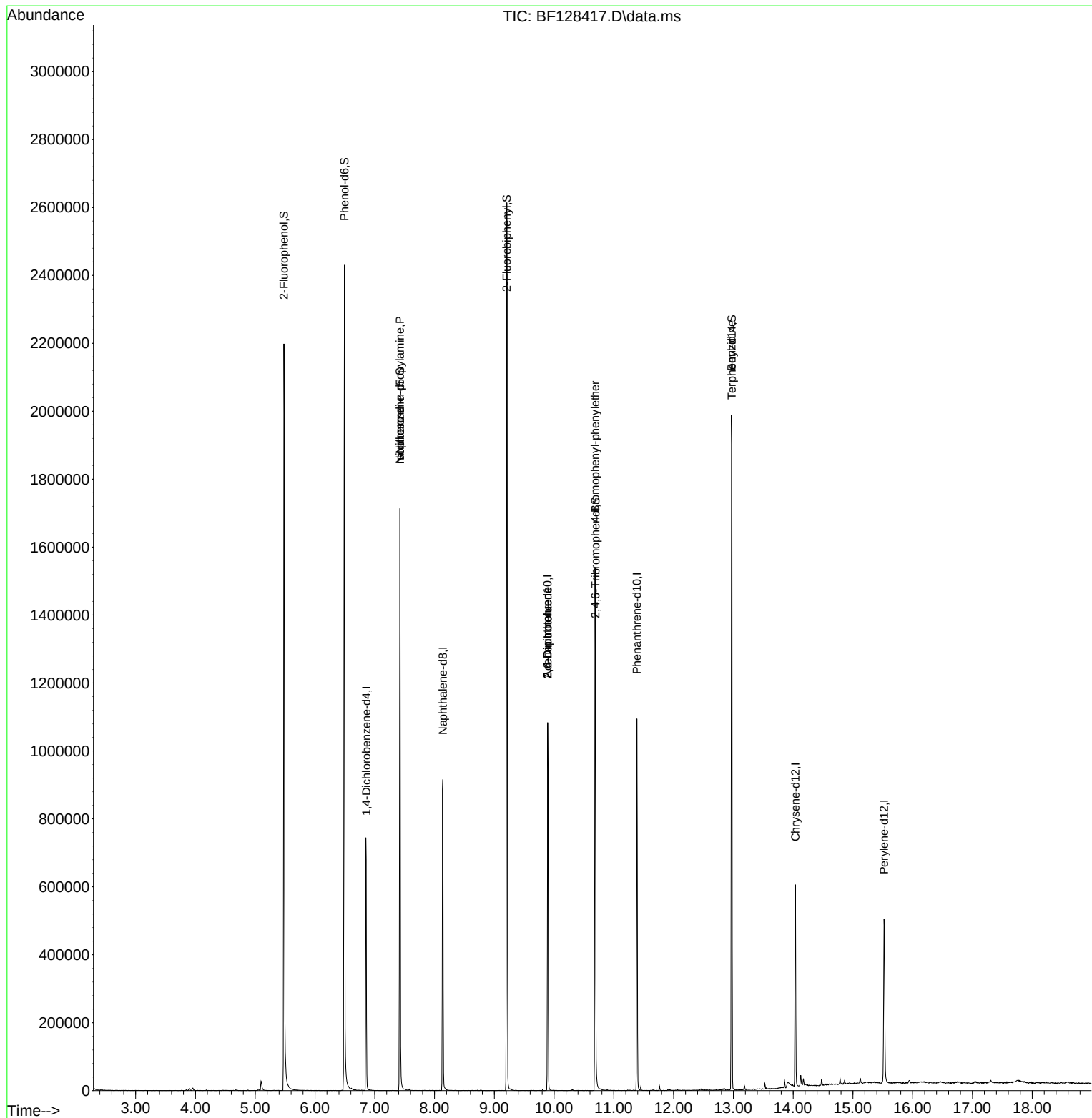
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110919	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	428126	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	231686	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	386170	20.000	ng	0.00
76) Chrysene-d12	14.039	240	224252	20.000	ng	-0.01
86) Perylene-d12	15.521	264	234418	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	625022	89.673	ng	0.00
7) Phenol-d6	6.492	99	797829	86.928	ng	0.00
23) Nitrobenzene-d5	7.422	82	550903	57.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	187879	78.631	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	841045	59.364	ng	-0.01
79) Terphenyl-d14	12.974	244	722895	62.229	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1207	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	73400	13.372	ng	# 78
25) Isophorone	7.422	82	550897	37.621	ng	# 68
51) 2,6-Dinitrotoluene	9.892	165	29399	9.108	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	29399	7.229	ng	# 26
67) 4-Bromophenyl-phenylether	10.686	248	11047	2.733	ng	# 1
77) Benzidine	12.969	184	10155	2.177	ng	# 89

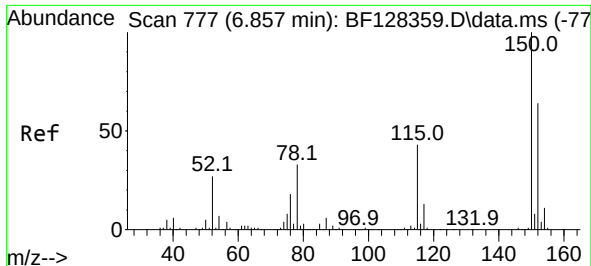
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
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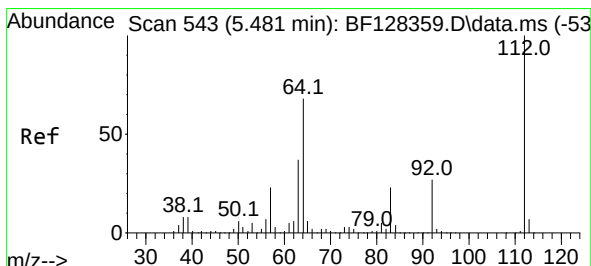
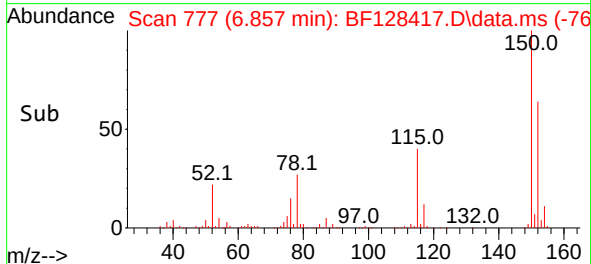
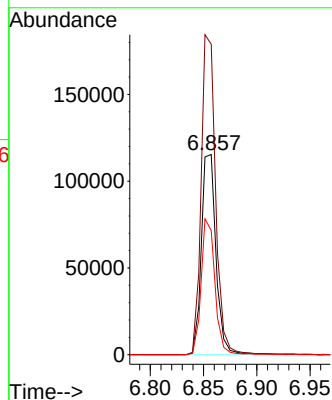
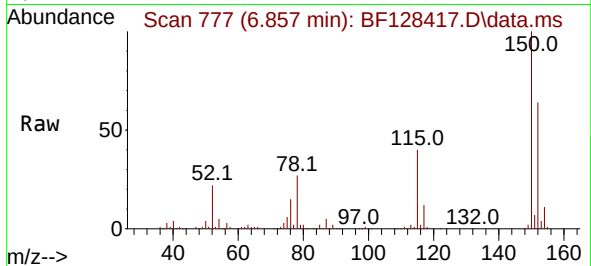




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

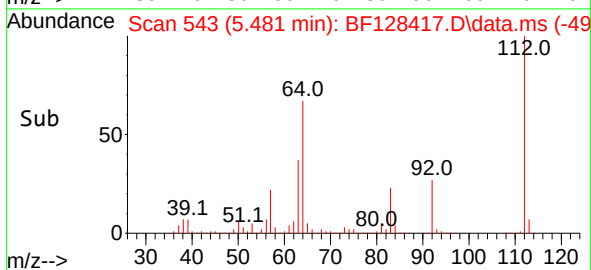
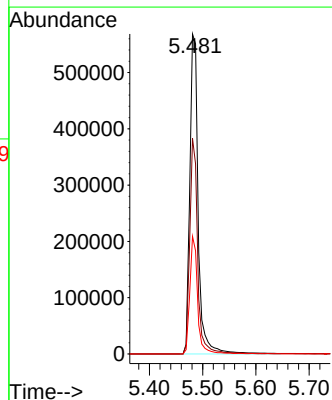
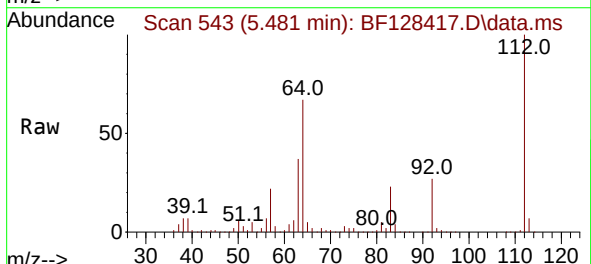
Instrument :
BNA_F
ClientSampleId :
P007-SS007-0006-01

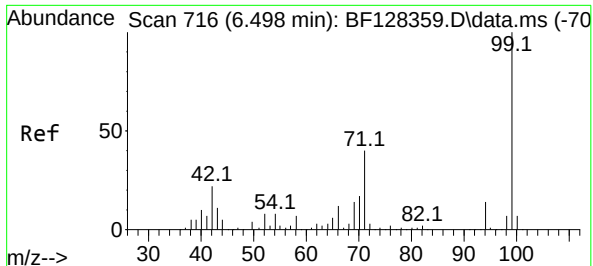
Tgt Ion:152 Resp: 110919
Ion Ratio Lower Upper
152 100
150 155.1 125.3 187.9
115 62.0 48.8 73.2



#5
2-Fluorophenol
Concen: 89.673 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion:112 Resp: 625022
Ion Ratio Lower Upper
112 100
64 67.3 49.5 74.3
63 36.7 26.3 39.5

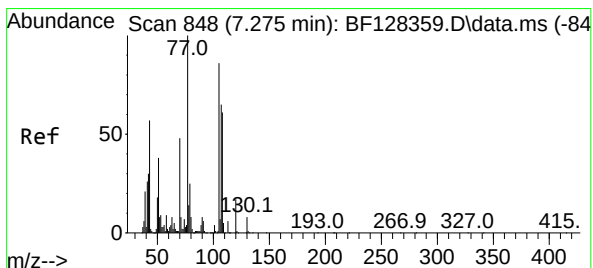
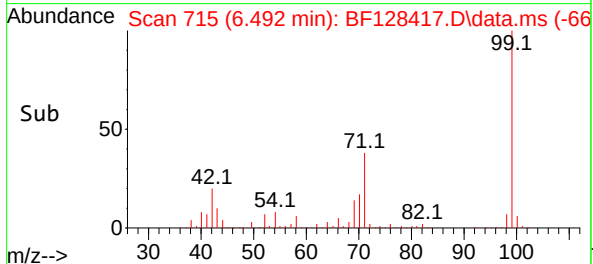
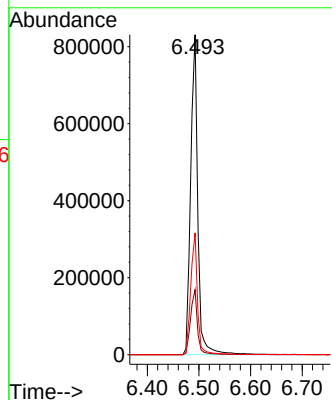
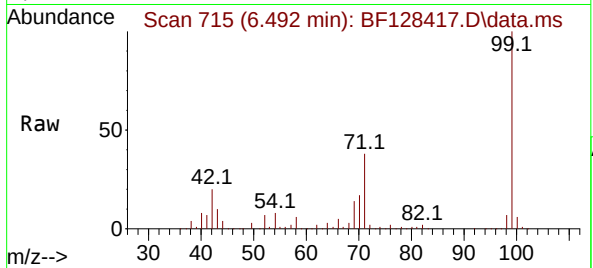




#7
Phenol-d6
Concen: 86.928 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

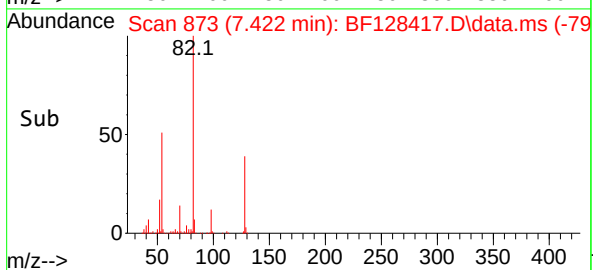
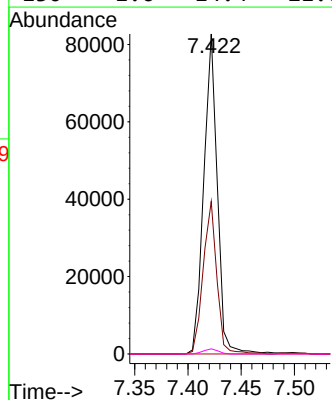
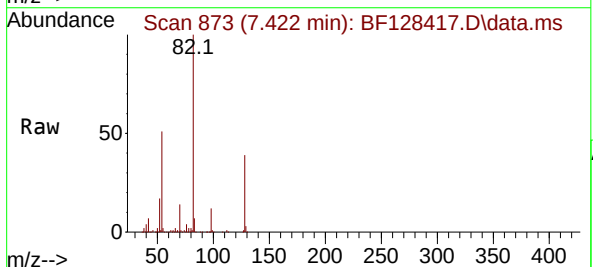
Instrument :
BNA_F
ClientSampleId :
P007-SS007-0006-01

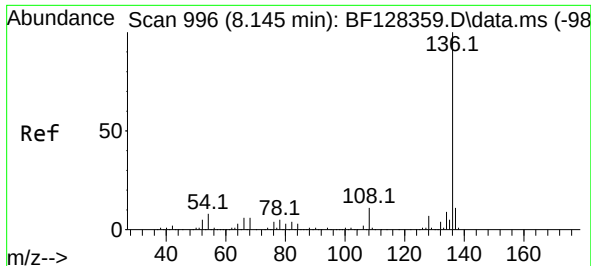
Tgt Ion: 99 Resp: 797829
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.372 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.147 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion: 70 Resp: 73400
Ion Ratio Lower Upper
70 100
42 47.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

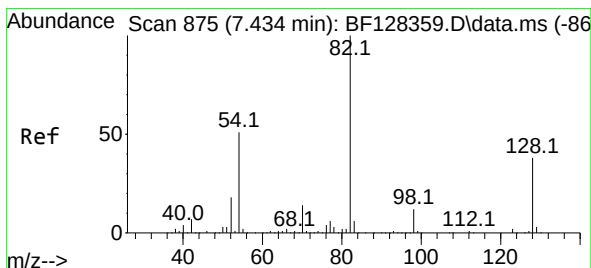
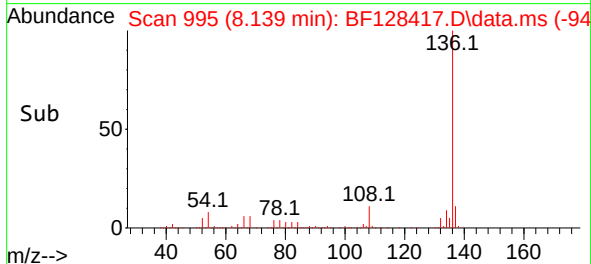
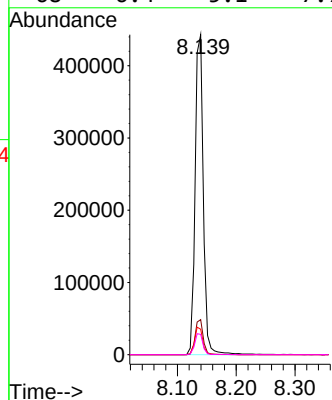
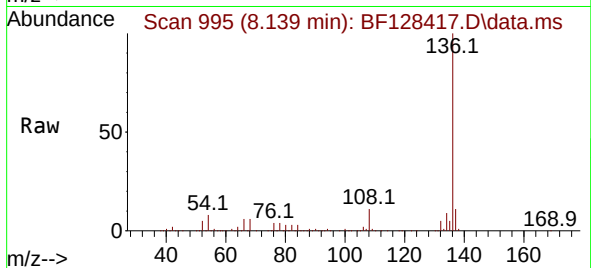




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

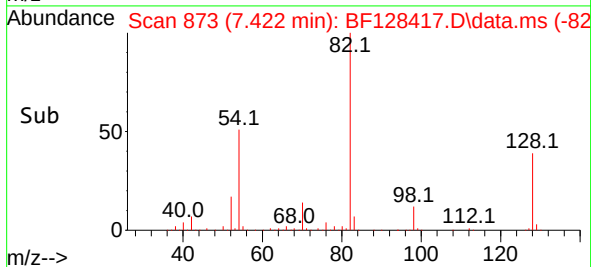
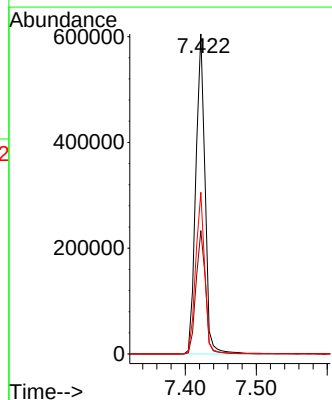
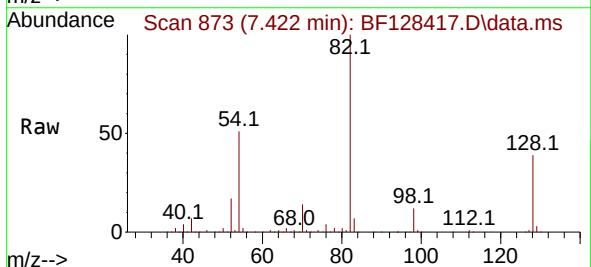
Instrument :
BNA_F
ClientSampleId :
P007-SS007-0006-01

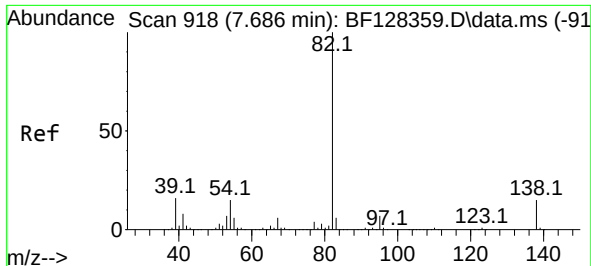
Tgt Ion:136 Resp: 428126
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.9 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 57.654 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion: 82 Resp: 550903
Ion Ratio Lower Upper
82 100
128 38.5 30.0 45.0
54 50.5 41.3 61.9

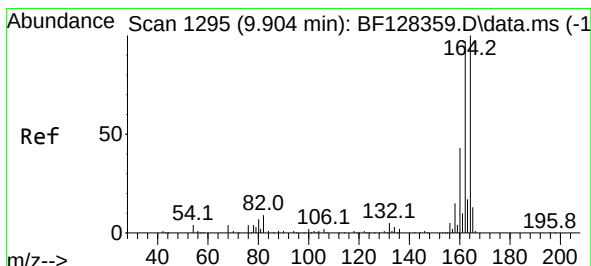
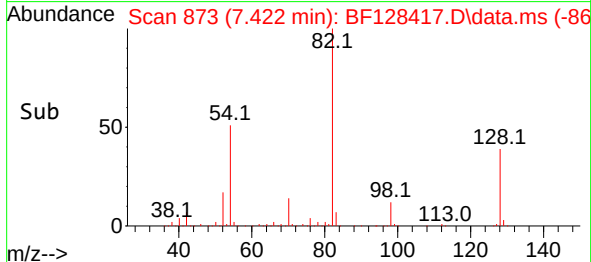
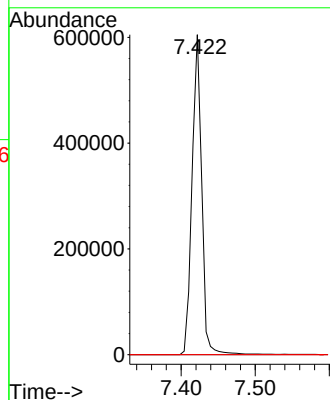
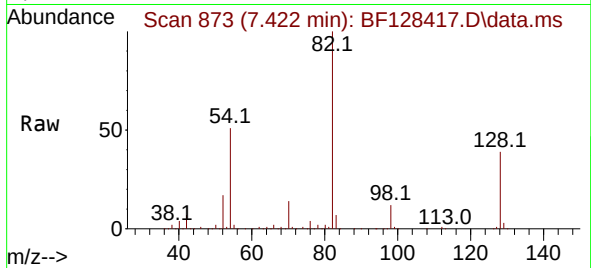




#25
Isophorone
Concen: 37.621 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

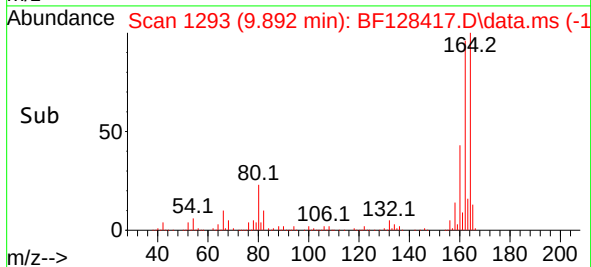
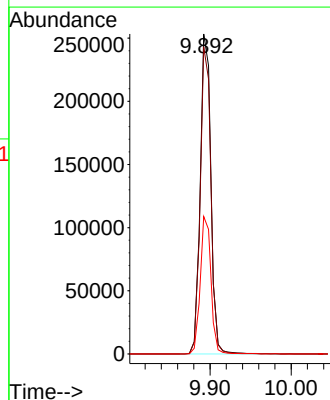
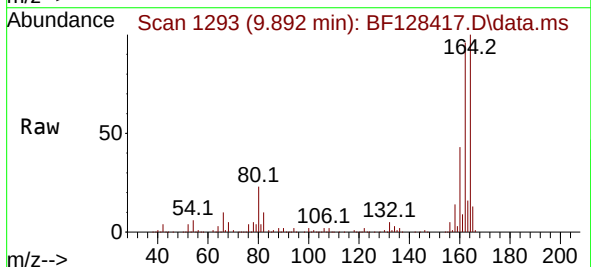
Instrument :
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ClientSampleId :
P007-SS007-0006-01

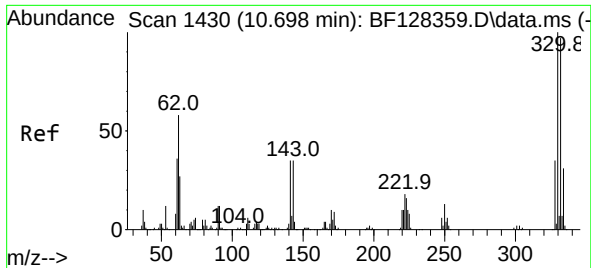
Tgt Ion: 82 Resp: 550897
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion: 164 Resp: 231686
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.0 34.8 52.2

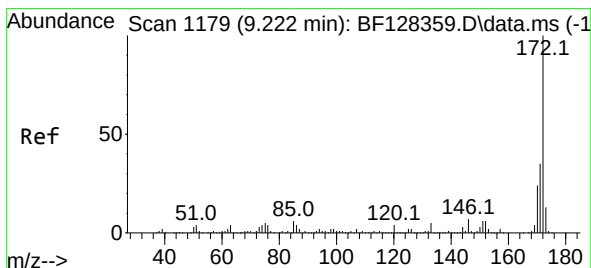
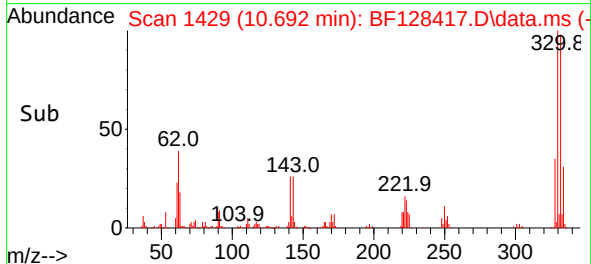
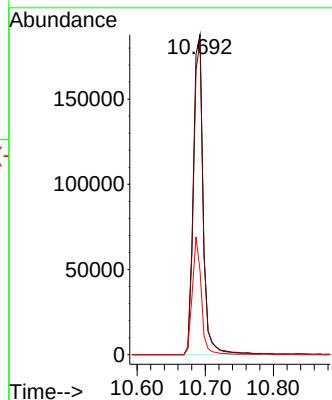
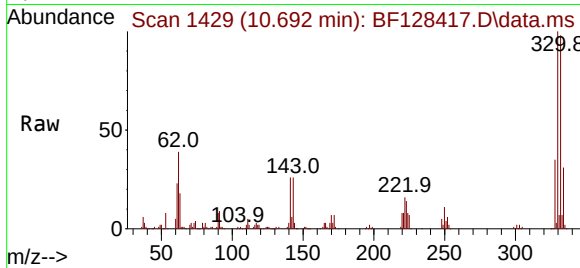




#42
2,4,6-Tribromophenol
Concen: 78.631 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

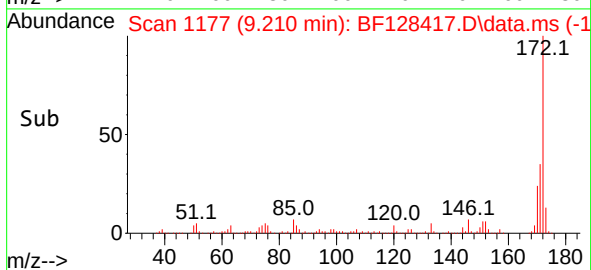
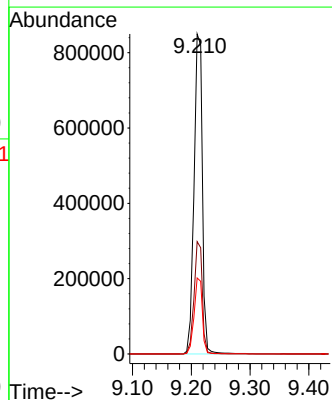
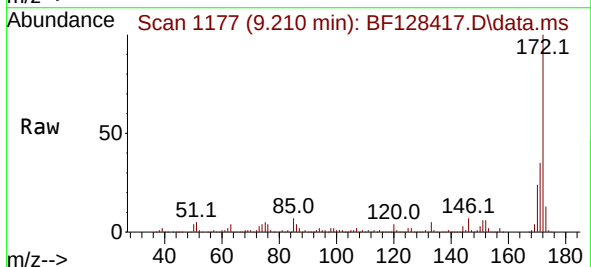
Instrument :
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ClientSampleId :
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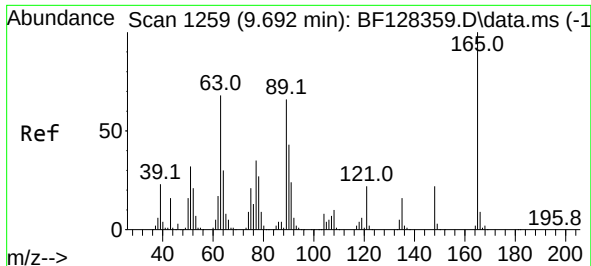
Tgt Ion: 330 Resp: 187879
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 59.364 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion: 172 Resp: 841045
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.7 19.1 28.7

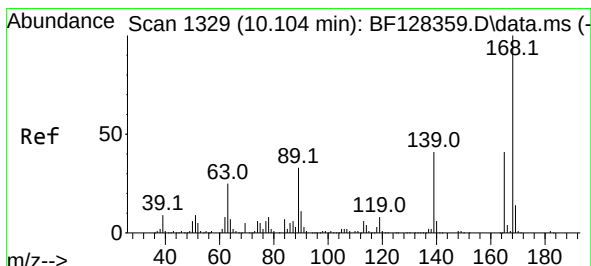
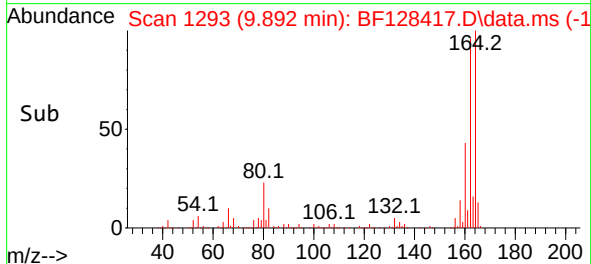
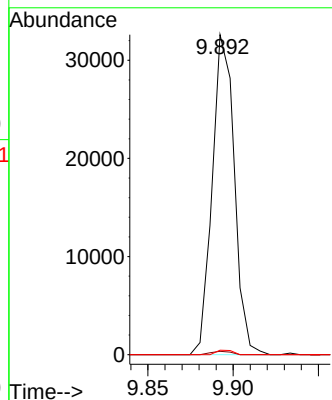
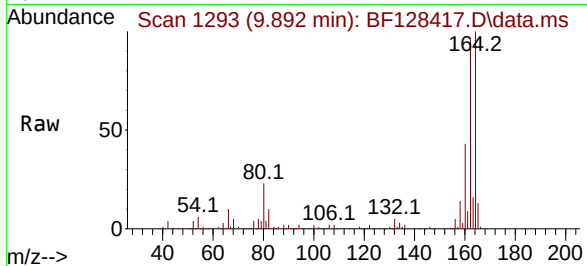




#51
2,6-Dinitrotoluene
Concen: 9.108 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

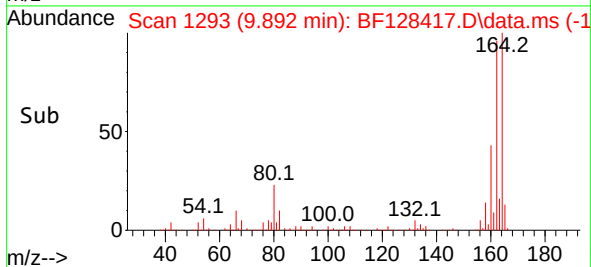
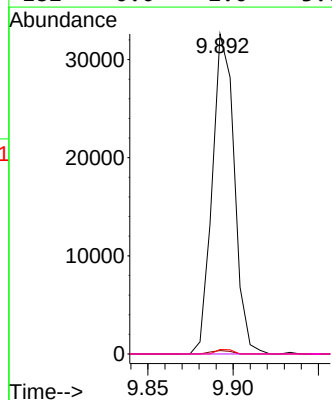
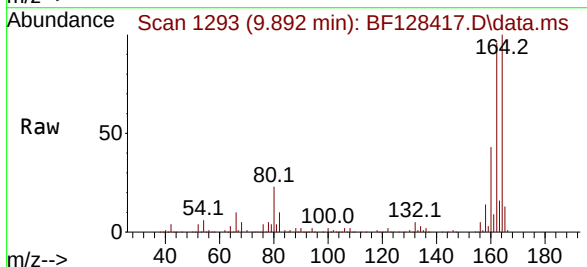
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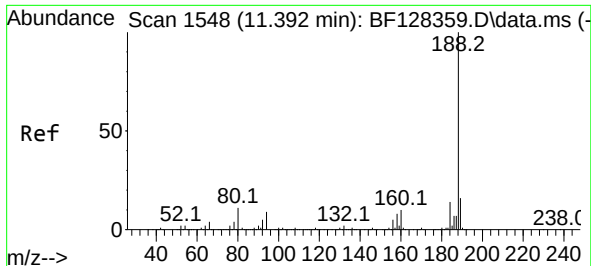
Tgt Ion:165 Resp: 29399
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.229 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.212 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion:165 Resp: 29399
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

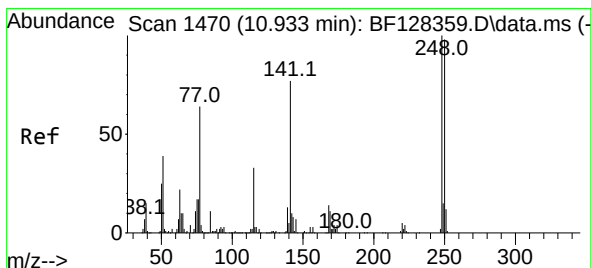
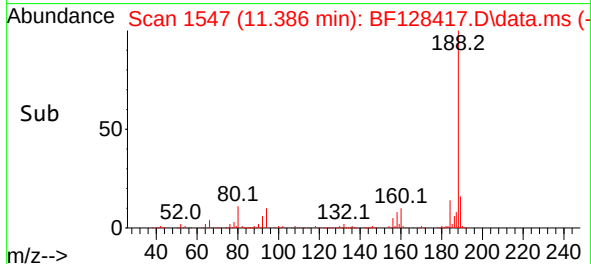
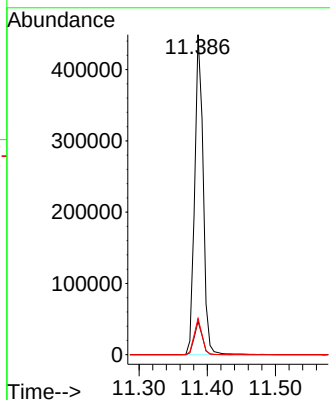
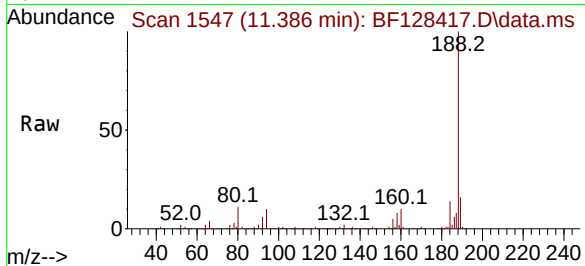




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

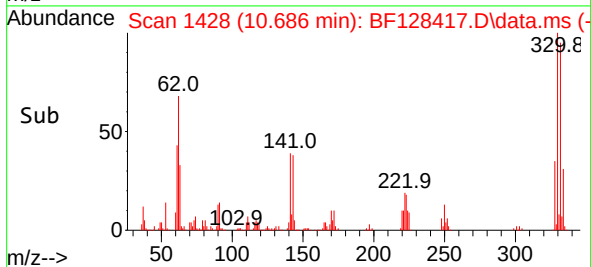
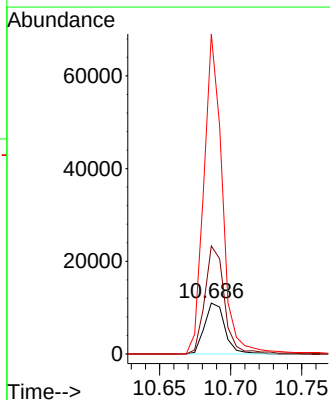
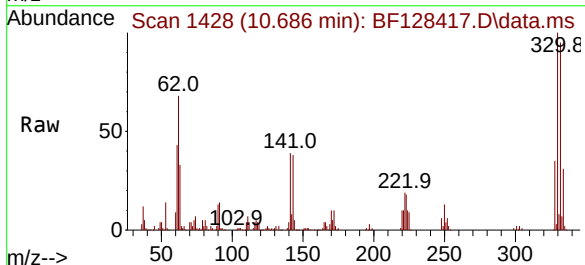
Instrument :
BNA_F
ClientSampleId :
P007-SS007-0006-01

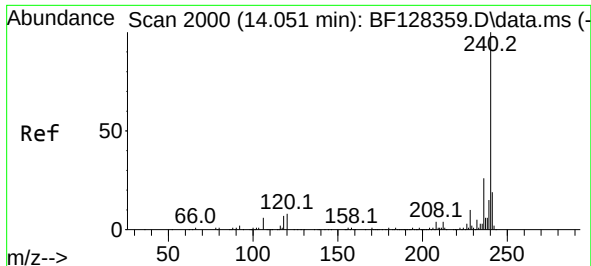
Tgt Ion:188 Resp: 386170
Ion Ratio Lower Upper
188 100
94 10.3 8.0 12.0
80 11.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.733 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion:248 Resp: 11047
Ion Ratio Lower Upper
248 100
250 212.4 77.7 116.5#
141 629.2 65.6 98.4#

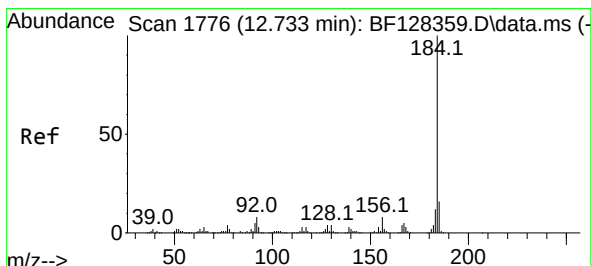
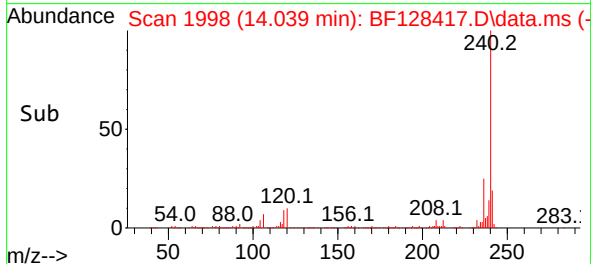
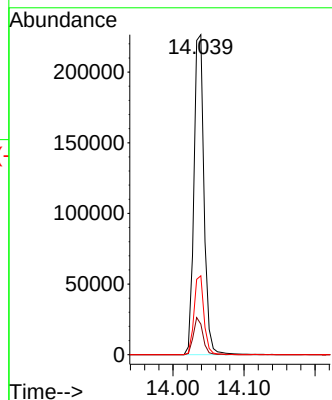
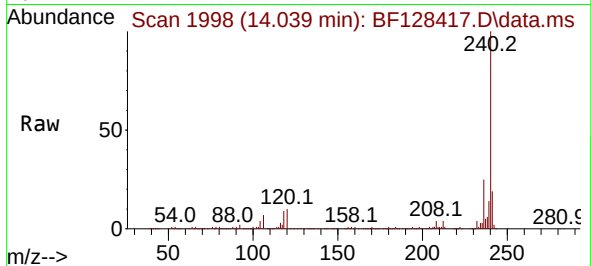




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

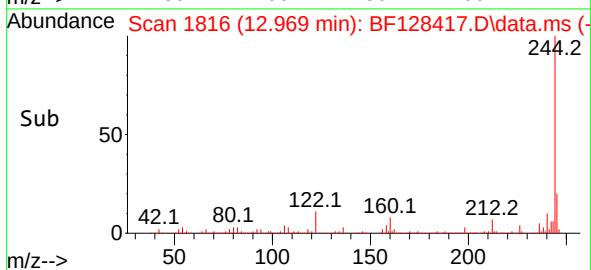
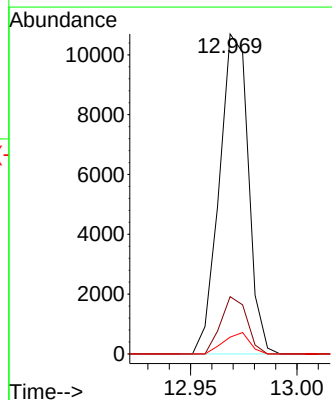
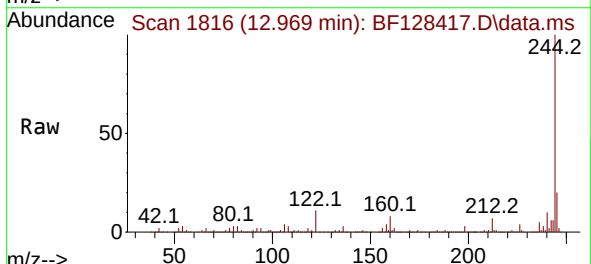
Instrument :
BNA_F
ClientSampleId :
P007-SS007-0006-01

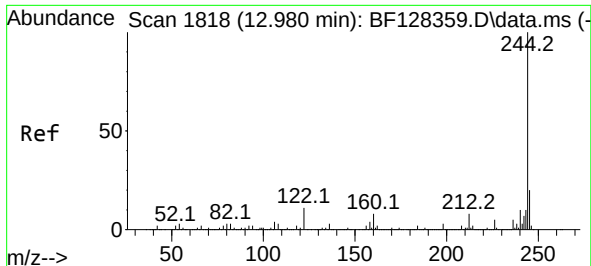
Tgt Ion:240 Resp: 224252
Ion Ratio Lower Upper
240 100
120 9.5 7.0 10.6
236 24.7 20.3 30.5



#77
Benzidine
Concen: 2.177 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.235 min
Lab File: BF128417.D
Acq: 23 May 2022 23:38

Tgt Ion:184 Resp: 10155
Ion Ratio Lower Upper
184 100
185 17.9 12.1 18.1
183 5.2 9.0 13.4#

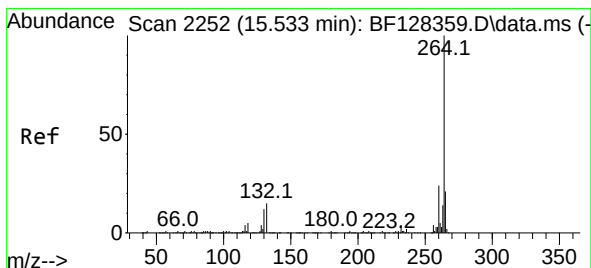
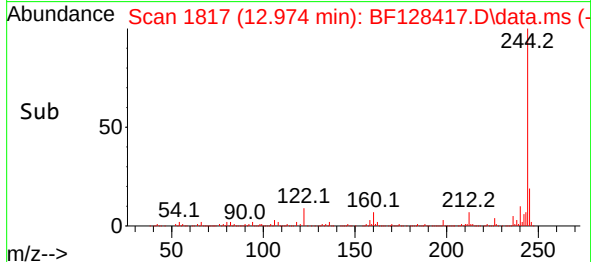
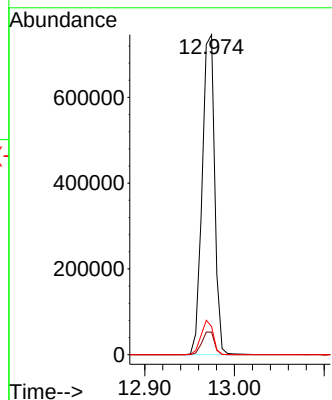
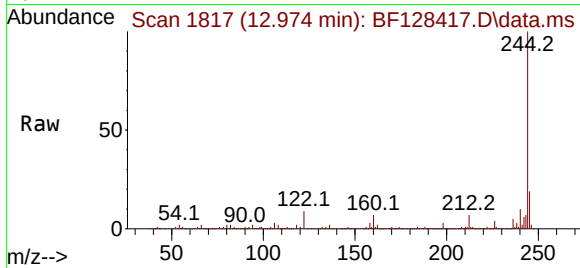




#79
 Terphenyl-d14
 Concen: 62.229 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128417.D
 Acq: 23 May 2022 23:38

Instrument :
 BNA_F
 ClientSampleId :
 P007-SS007-0006-01

Tgt Ion:244 Resp: 722895
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2250
 Delta R.T. -0.012 min
 Lab File: BF128417.D
 Acq: 23 May 2022 23:38

Tgt Ion:264 Resp: 234418
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.8 17.5 26.3

