

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128384.D
 Acq On : 21 May 2022 01:03
 Operator : CG\JU
 Sample : N2943-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: May 23 02:40:45 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)

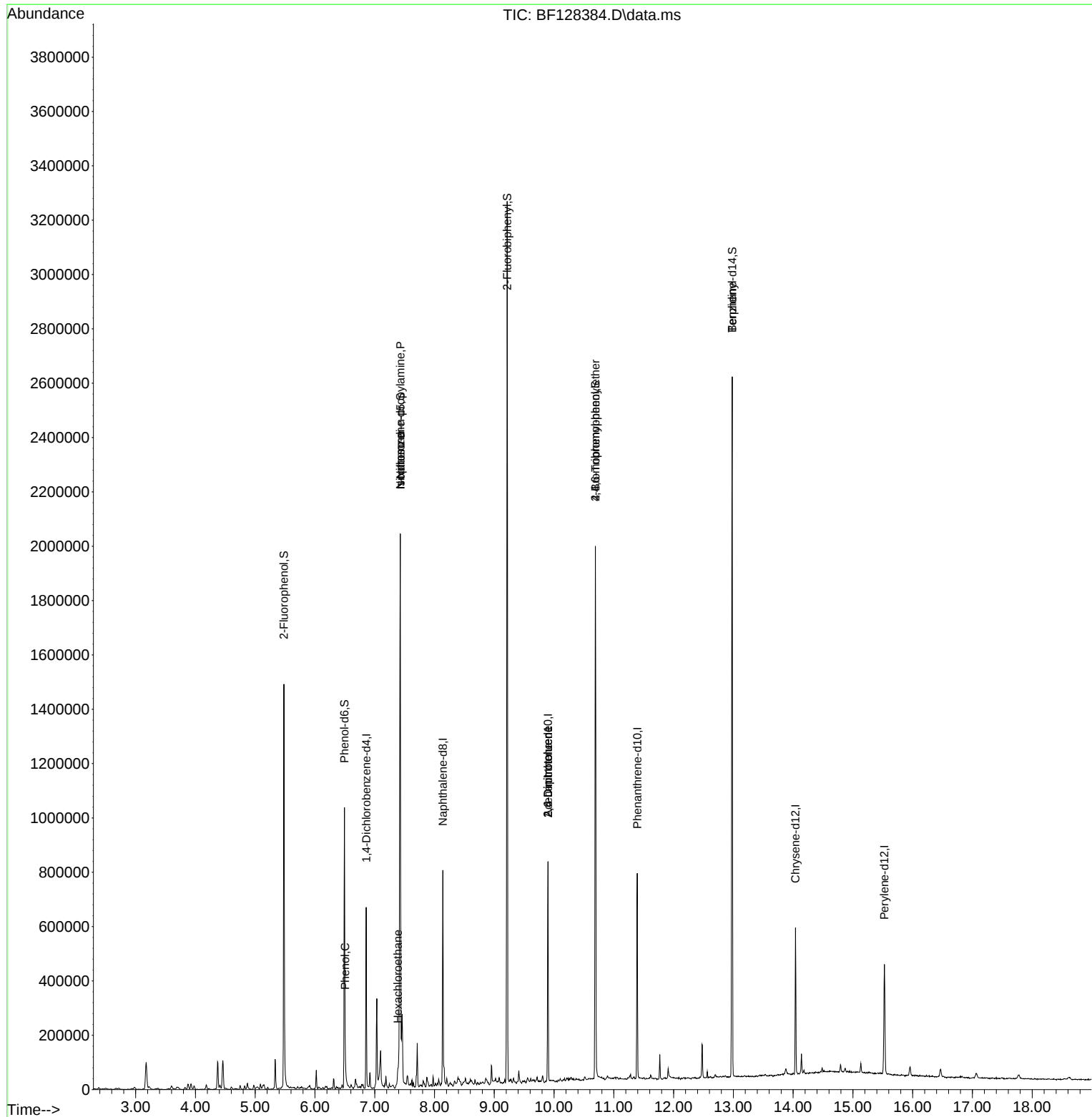
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	85033	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	303572	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	161767	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	269136	20.000	ng	0.00
76) Chrysene-d12	14.039	240	171715	20.000	ng	-0.01
86) Perylene-d12	15.527	264	179264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	379609	71.043	ng	0.00
7) Phenol-d6	6.493	99	309507	43.988	ng	0.00
23) Nitrobenzene-d5	7.428	82	616379	90.973	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	221177	132.576	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	958154	96.862	ng	0.00
79) Terphenyl-d14	12.980	244	880403	98.975	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	131	Below Cal	#	1
10) Phenol	6.504	94	22893	3.060 ng		88
18) Hexachloroethane	7.387	117	6083	2.638 ng	#	7
19) n-Nitroso-di-n-propyla...	7.428	70	87127	20.705 ng	#	81
25) Isophorone	7.428	82	613817	59.117 ng	#	68
51) 2,6-Dinitrotoluene	9.898	165	21086	9.356 ng	#	22
57) 2,4-Dinitrotoluene	9.898	165	21086	7.426 ng	#	27
67) 4-Bromophenyl-phenylether	10.692	248	13702	4.865 ng	#	1
77) Benzidine	12.980	184	13577	3.802 ng	#	92

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

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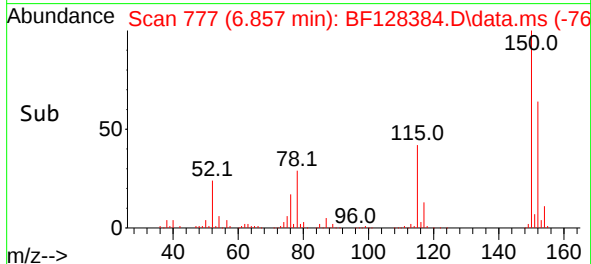
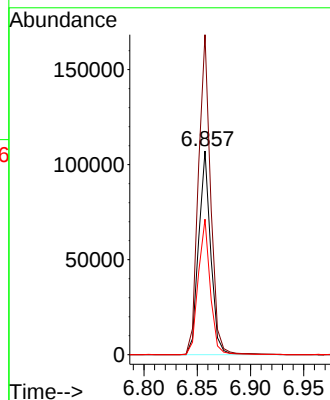
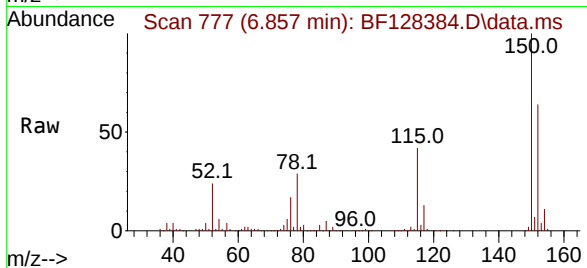




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

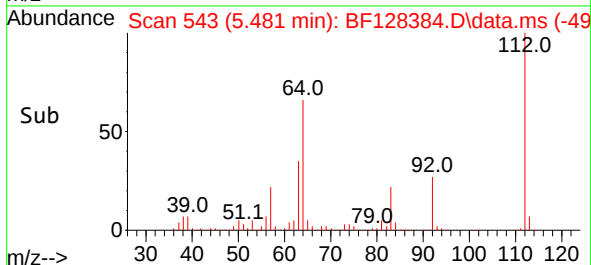
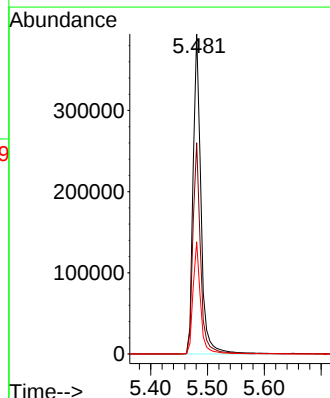
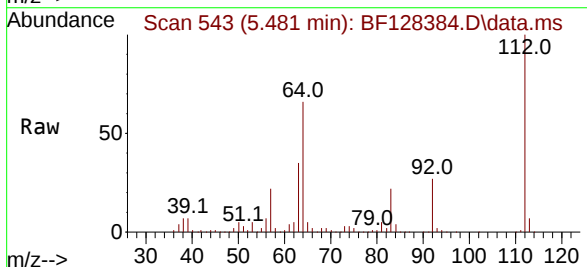
Instrument :
BNA_F
ClientSampleId :
MW-35

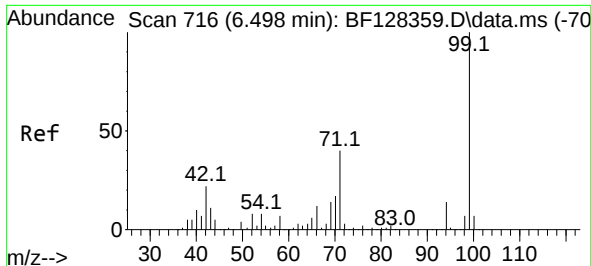
Tgt Ion:152 Resp: 85033
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 66.5 48.8 73.2



#5
2-Fluorophenol
Concen: 71.043 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion:112 Resp: 379609
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 35.1 26.3 39.5

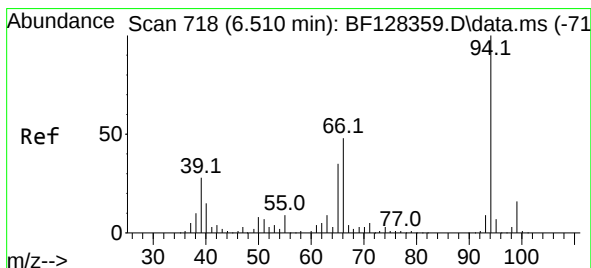
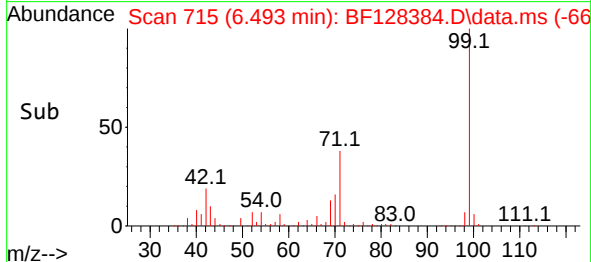
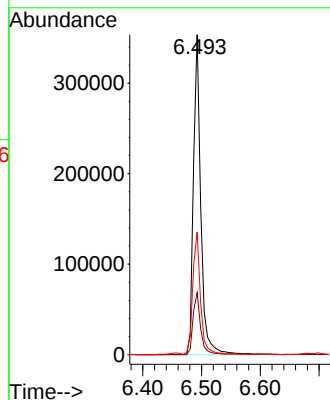
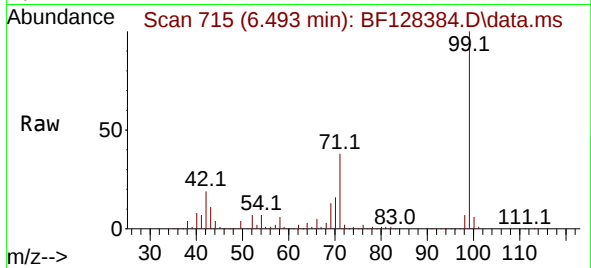




#7
Phenol-d6
Concen: 43.988 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

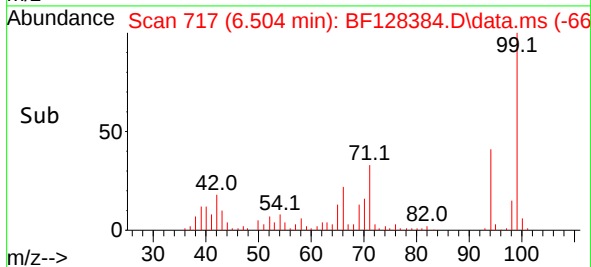
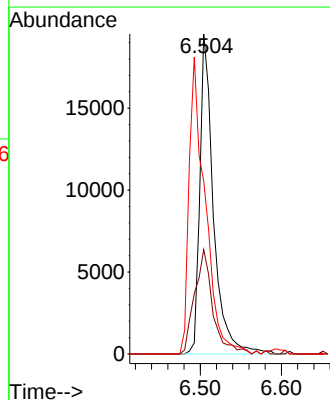
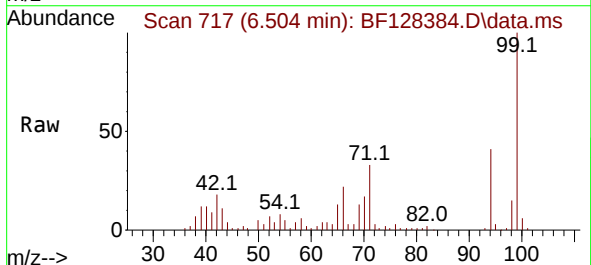
Instrument :
BNA_F
ClientSampleId :
MW-35

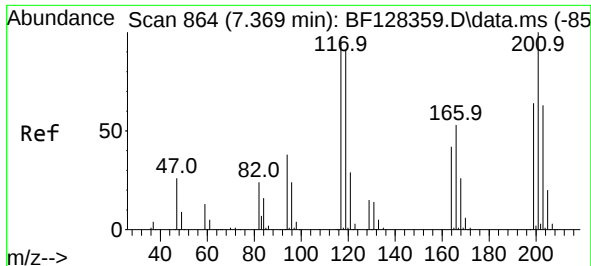
Tgt Ion: 99 Resp: 309507
Ion Ratio Lower Upper
99 100
42 19.4 16.6 24.8
71 38.4 30.0 45.0



#10
Phenol
Concen: 3.060 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion: 94 Resp: 22893
Ion Ratio Lower Upper
94 100
65 32.6 10.6 50.6
66 54.0 22.6 62.6

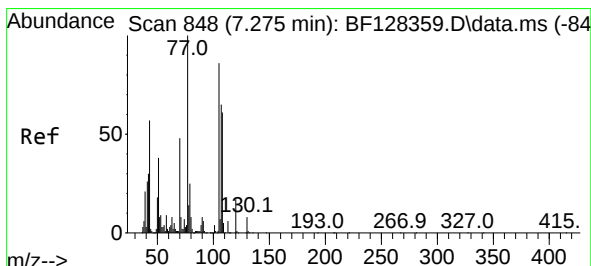
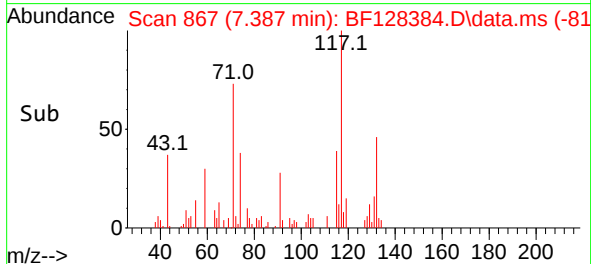
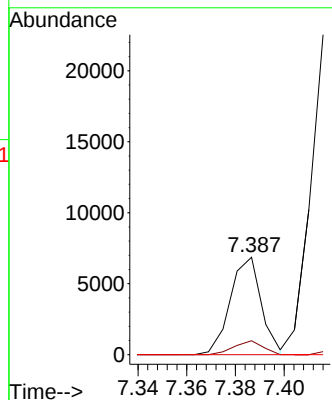
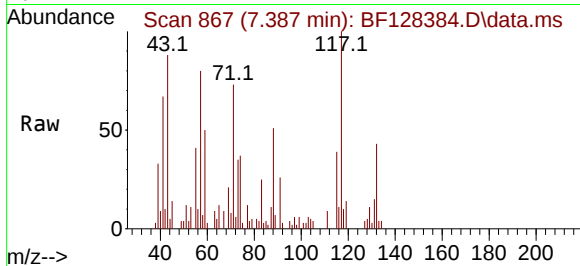




#18
Hexachloroethane
Concen: 2.638 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

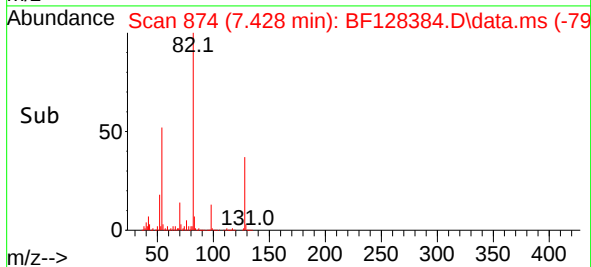
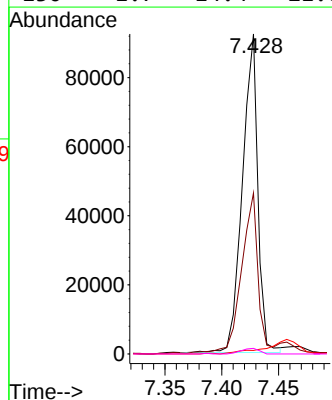
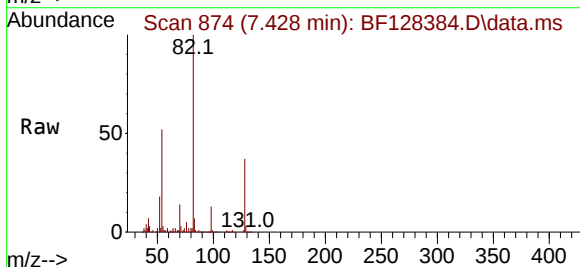
Instrument :
BNA_F
ClientSampleId :
MW-35

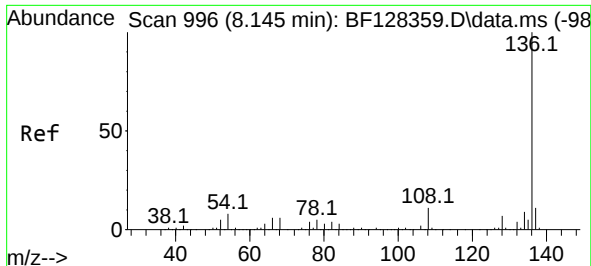
Tgt Ion:117 Resp: 6083
Ion Ratio Lower Upper
117 100
119 14.3 76.2 114.4#
201 0.0 84.4 126.6#



#19
n-Nitroso-di-n-propylamine
Concen: 20.705 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion: 70 Resp: 87127
Ion Ratio Lower Upper
70 100
42 50.3 48.7 73.1
101 1.1 7.2 10.8#
130 1.7 14.4 21.6#

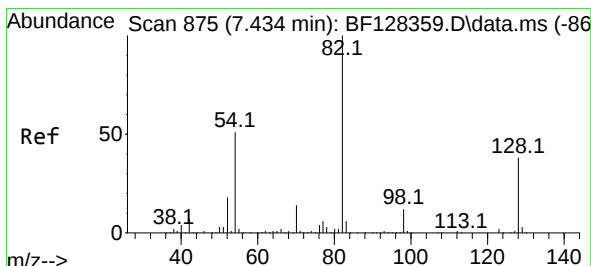
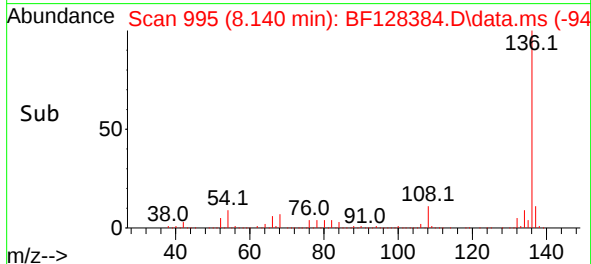
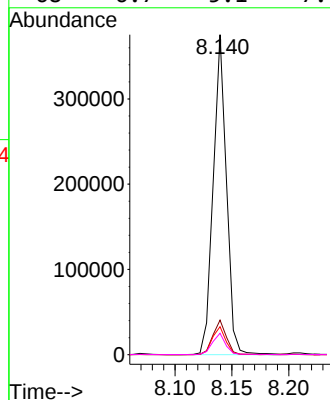
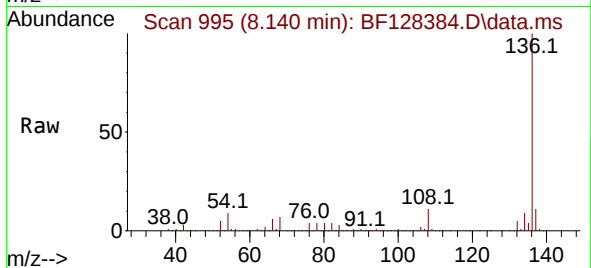




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

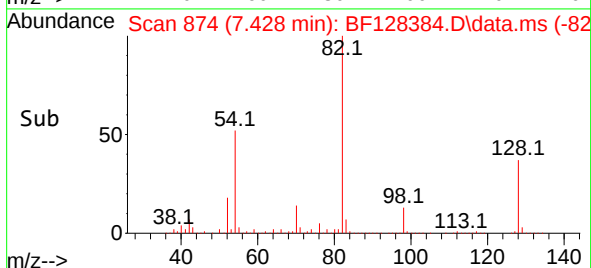
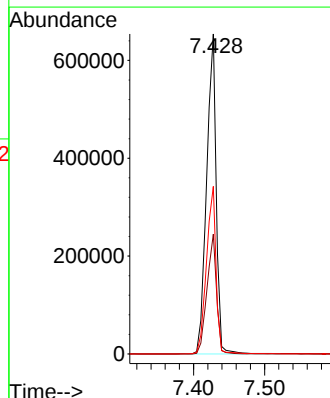
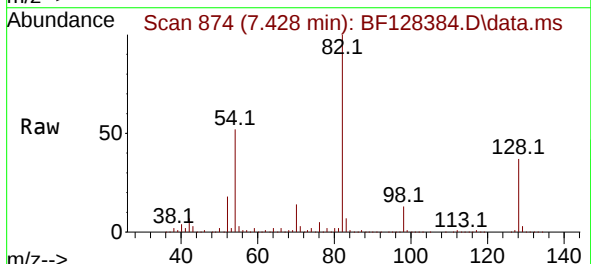
Instrument :
BNA_F
ClientSampleId :
MW-35

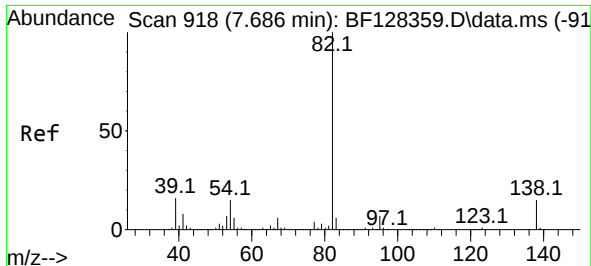
Tgt Ion:	136	Resp:	303572
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.7	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.973 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion:	82	Resp:	616379
Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.0	45.0
54	52.3	41.3	61.9

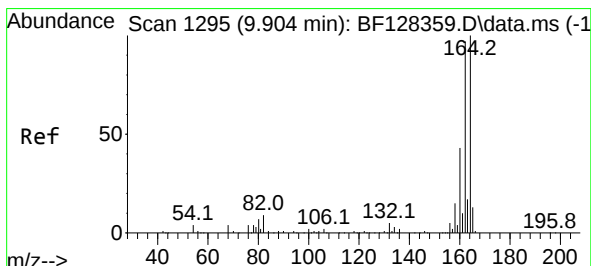
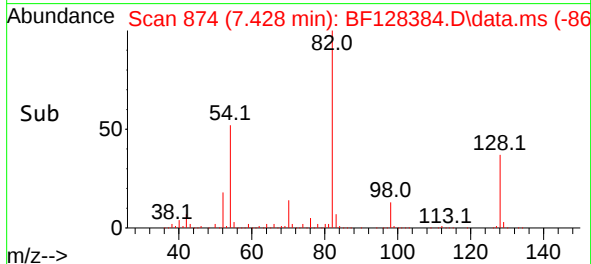
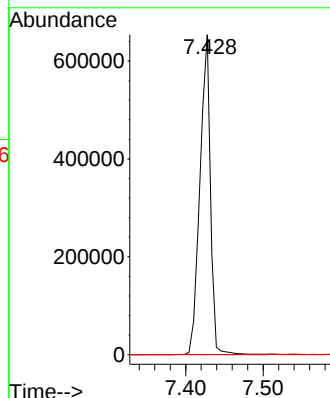
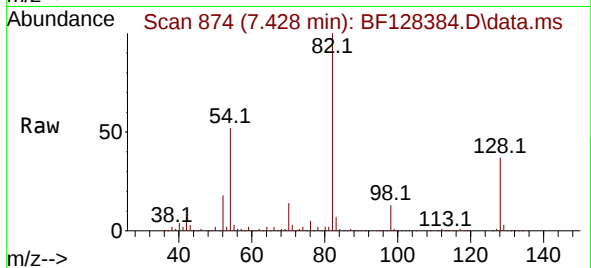




#25
Isophorone
Concen: 59.117 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

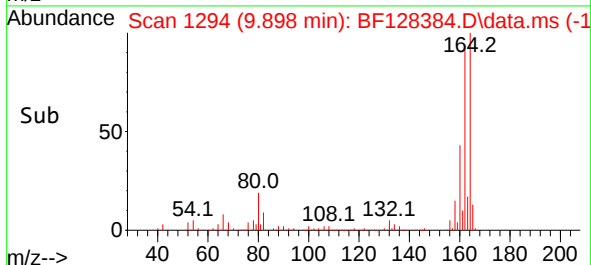
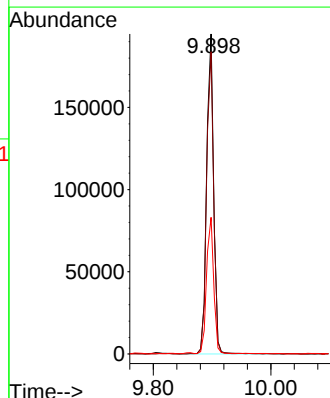
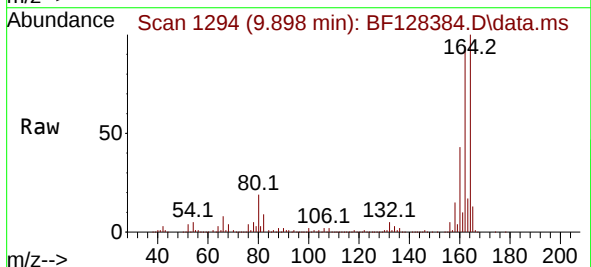
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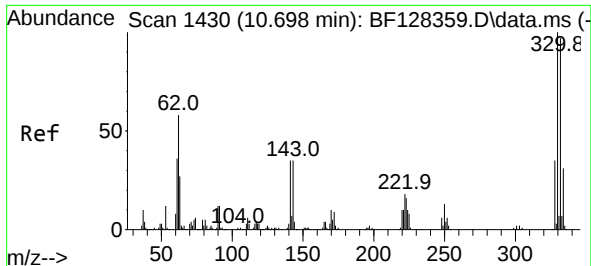
Tgt Ion: 82 Resp: 613817
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion:164 Resp: 161767
Ion Ratio Lower Upper
164 100
162 94.4 76.0 114.0
160 42.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 132.576 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

Instrument :

BNA_F

ClientSampleId :

MW-35

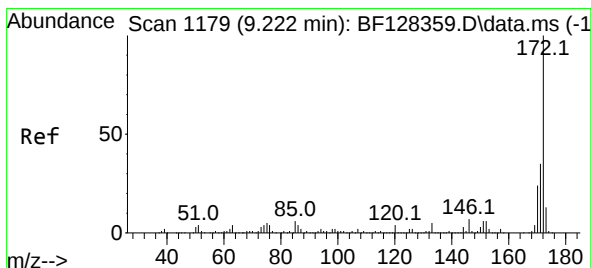
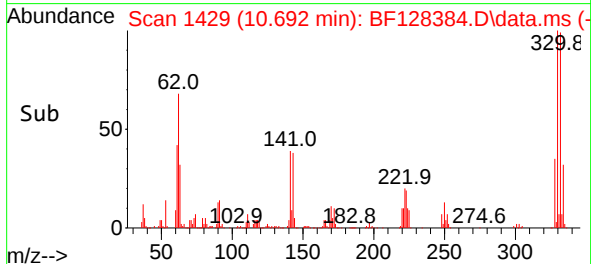
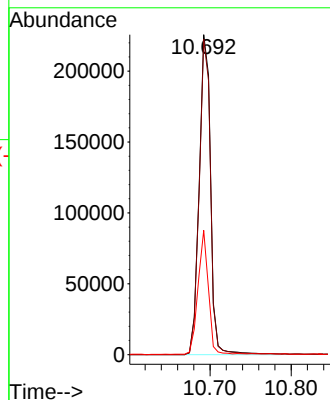
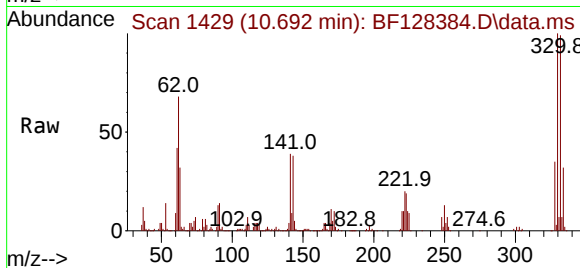
Tgt Ion:330 Resp: 221177

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.4

141 36.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 96.862 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

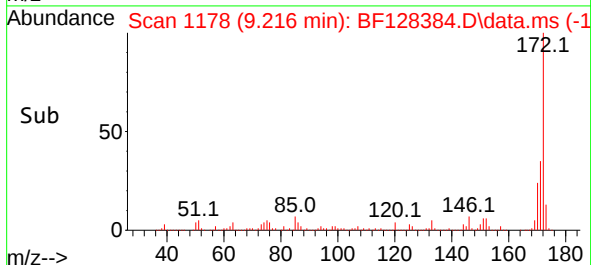
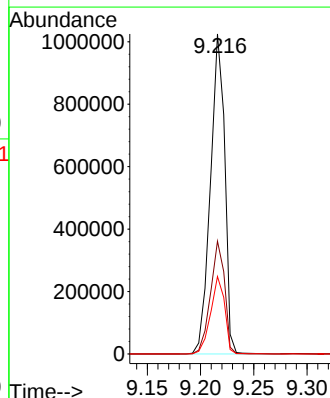
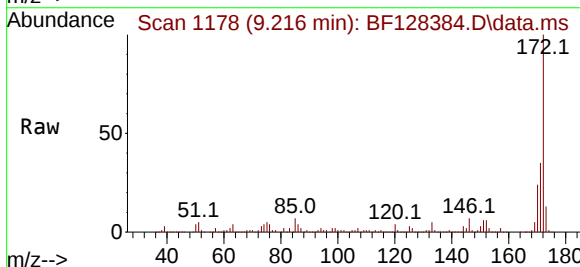
Tgt Ion:172 Resp: 958154

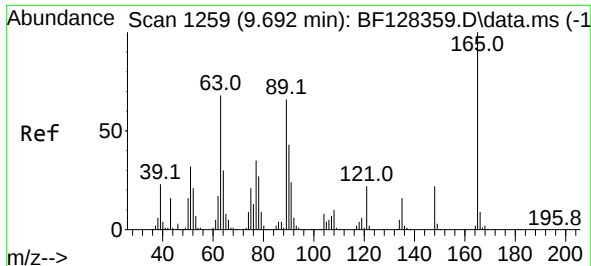
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.2 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.356 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

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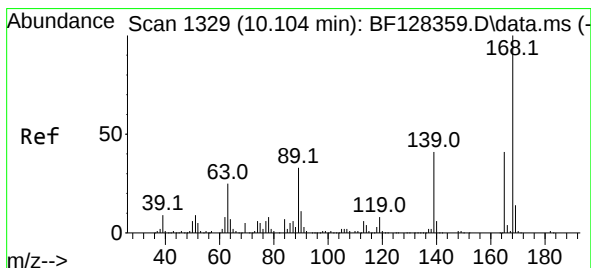
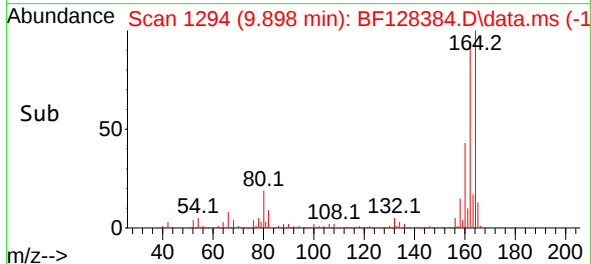
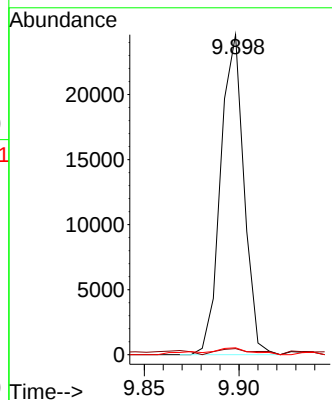
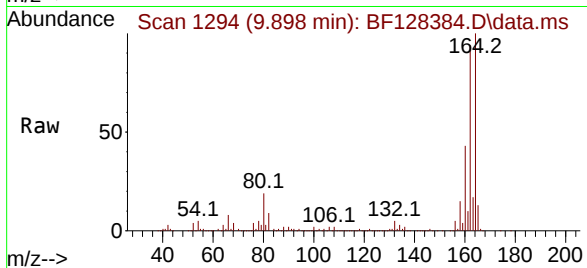
Tgt Ion:165 Resp: 21086

Ion Ratio Lower Upper

165 100

63 1.9 49.5 74.3#

89 2.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.426 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

Tgt Ion:165 Resp: 21086

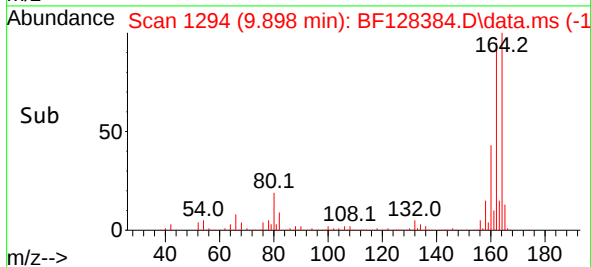
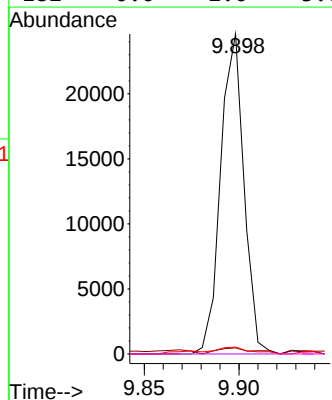
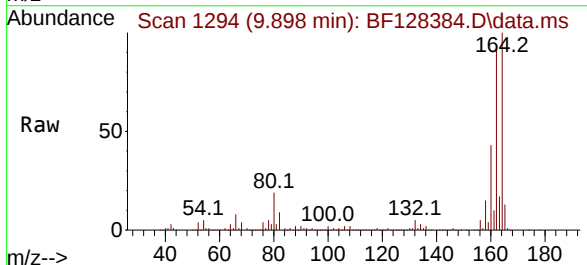
Ion Ratio Lower Upper

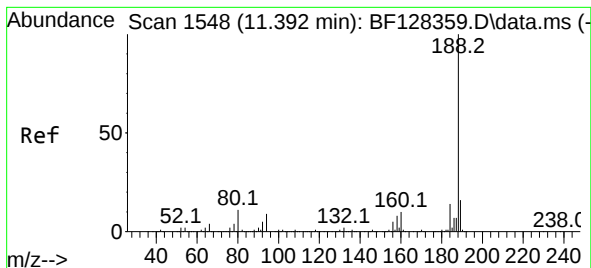
165 100

63 1.9 32.6 49.0#

89 2.2 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

Instrument :

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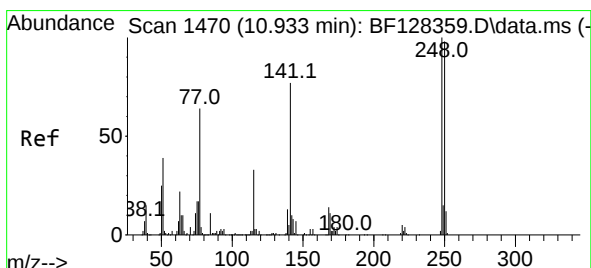
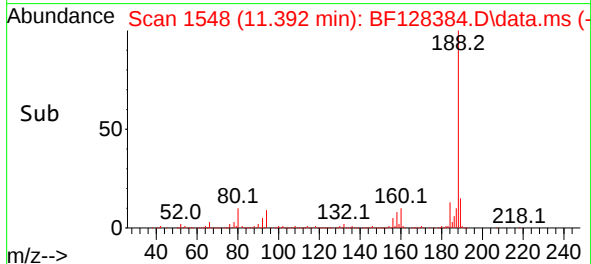
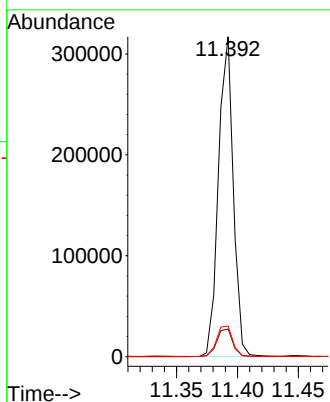
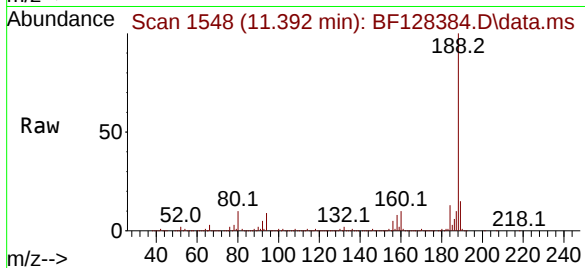
Tgt Ion:188 Resp: 269136

Ion Ratio Lower Upper

188 100

94 8.7 8.0 12.0

80 9.6 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 4.865 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128384.D

Acq: 21 May 2022 01:03

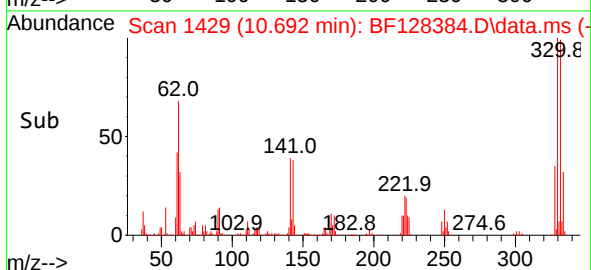
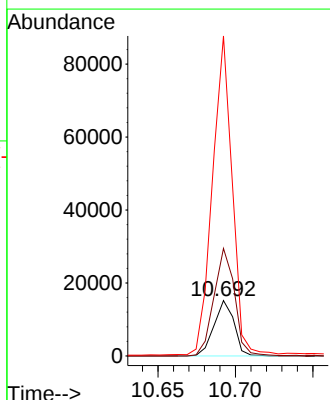
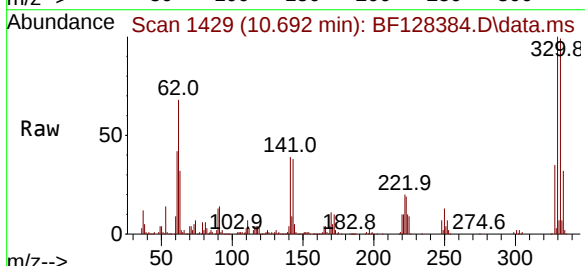
Tgt Ion:248 Resp: 13702

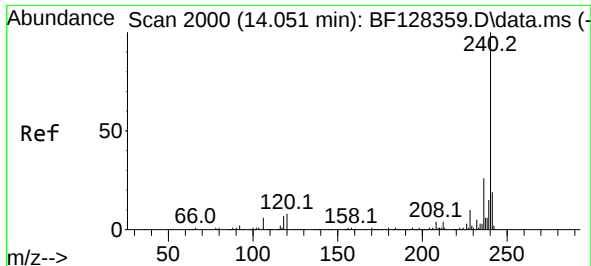
Ion Ratio Lower Upper

248 100

250 194.3 77.7 116.5#

141 577.9 65.6 98.4#

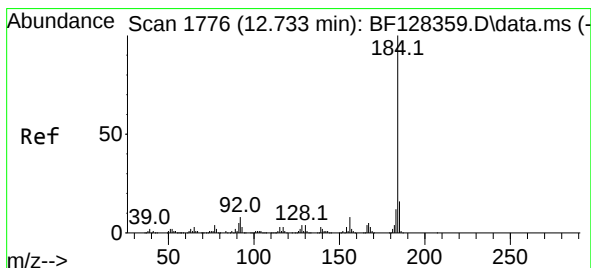
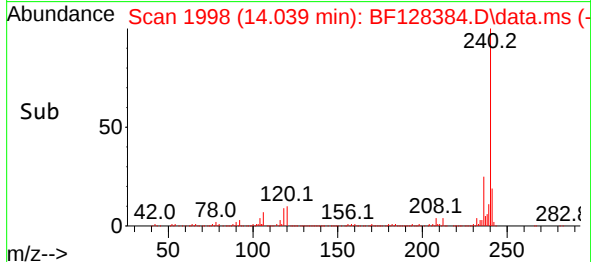
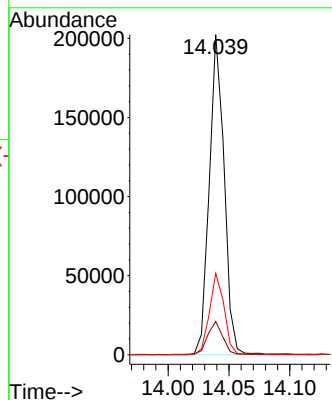
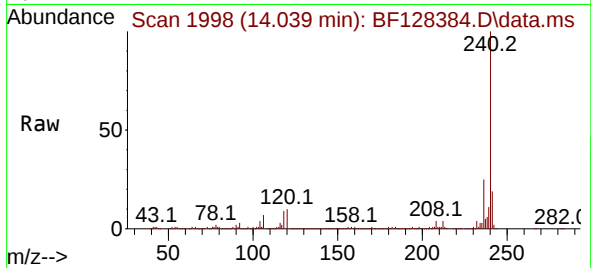




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

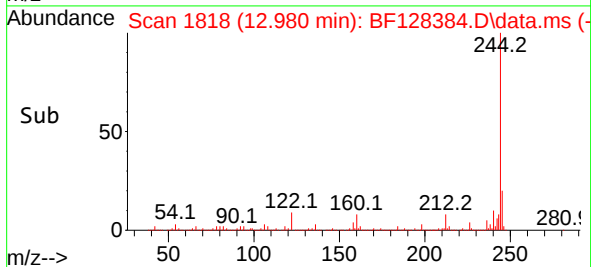
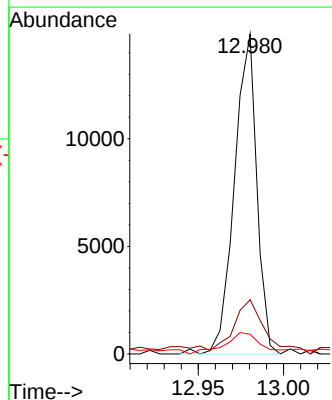
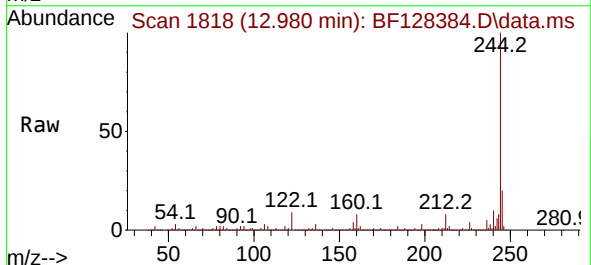
Instrument :
BNA_F
ClientSampleId :
MW-35

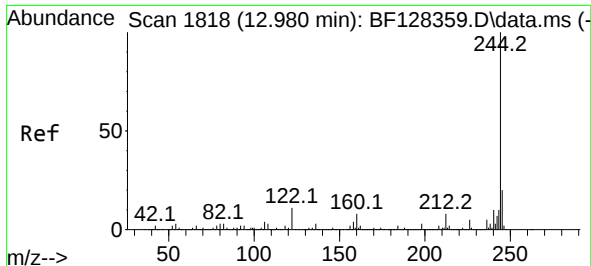
Tgt Ion:240 Resp: 171715
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 3.802 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128384.D
Acq: 21 May 2022 01:03

Tgt Ion:184 Resp: 13577
Ion Ratio Lower Upper
184 100
185 17.0 12.1 18.1
183 6.1 9.0 13.4#

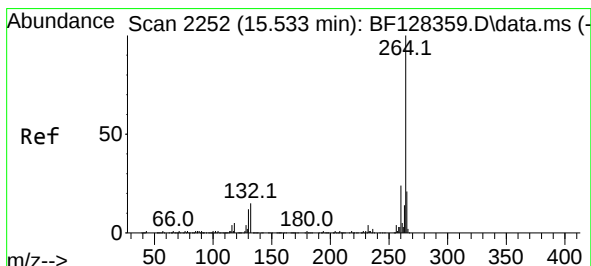
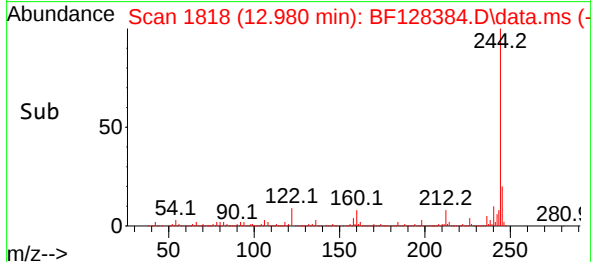
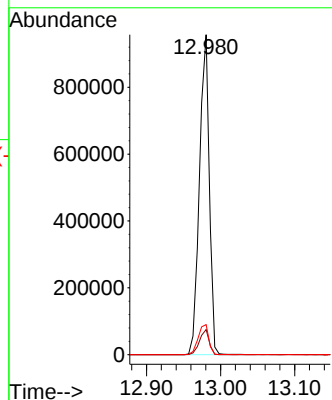
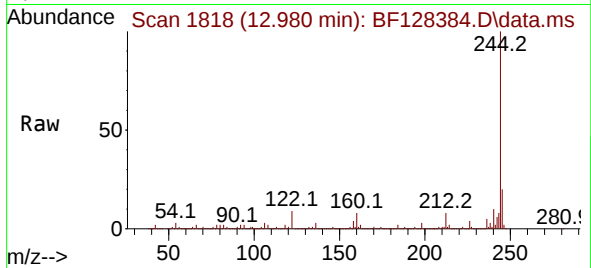




#79
 Terphenyl-d14
 Concen: 98.975 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128384.D
 Acq: 21 May 2022 01:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tgt Ion:244 Resp: 880403
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 9.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128384.D
 Acq: 21 May 2022 01:03

Tgt Ion:264 Resp: 179264
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 21.7 17.5 26.3

