

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126389.D
 Acq On : 28 Dec 2021 19:17
 Operator : JU/CG
 Sample : M5223-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-17-(10-15)-12-22-21

Quant Time: Dec 29 08:23:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

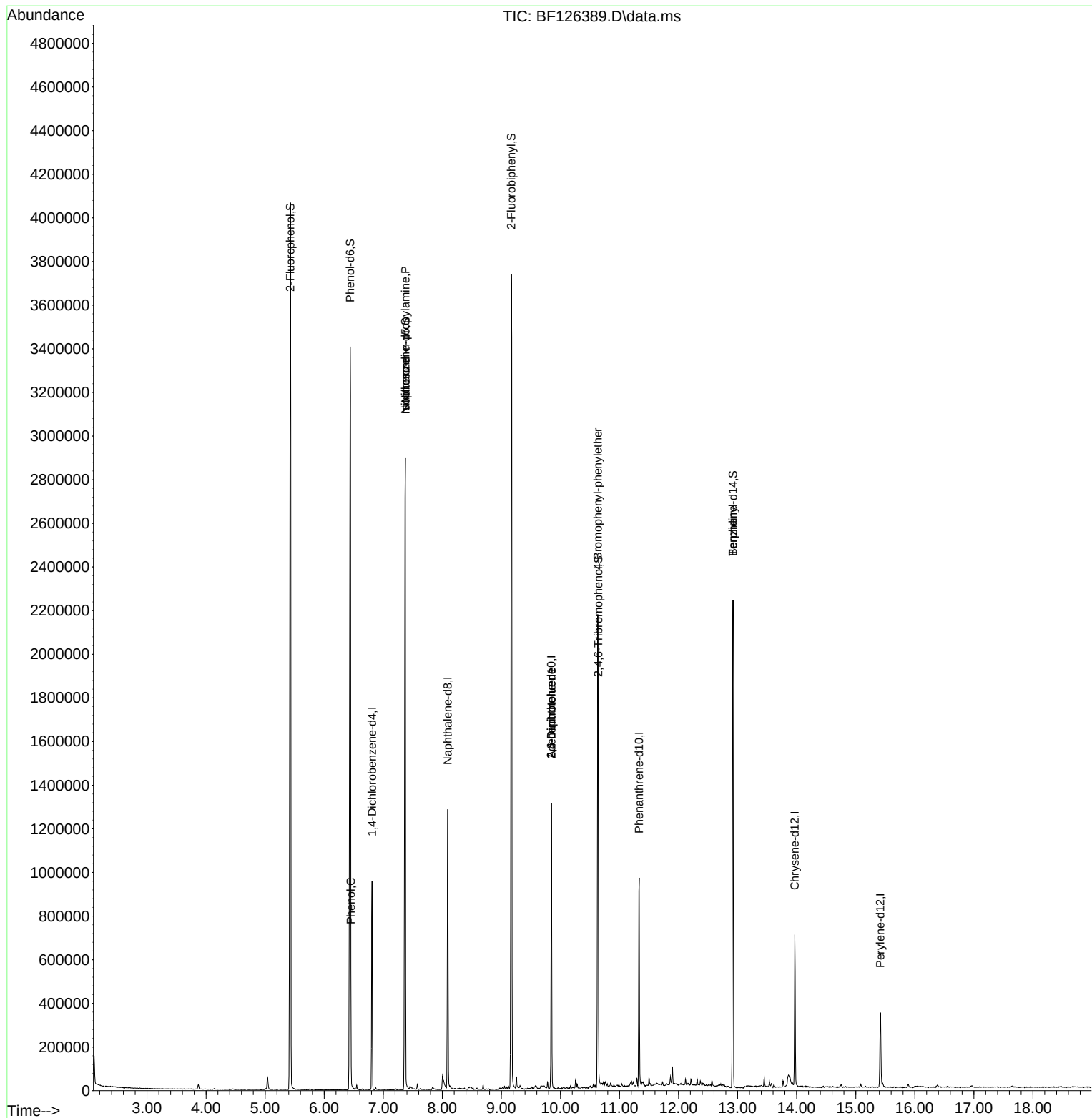
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	130117	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	589612	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	248217	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	352831	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	227829	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	160888	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1318935	149.276	ng	0.00
7) Phenol-d6	6.439	99	1552979	138.425	ng	0.00
23) Nitrobenzene-d5	7.375	82	1149239	105.564	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	271750	136.230	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1286921	90.933	ng	-0.01
79) Terphenyl-d14	12.921	244	728603	55.585	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	54274	4.310	ng	92
19) n-Nitroso-di-n-propyla...	7.375	70	148911	21.621	ng	# 53
25) Isophorone	7.375	82	1149229	55.901	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	31151	9.153	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	31151	7.176	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	14334	4.329	ng	# 1
77) Benzidine	12.921	184	8464	2.356	ng	# 90

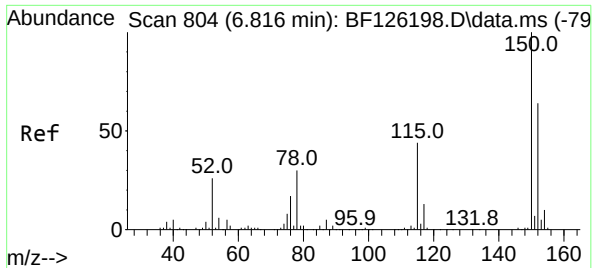
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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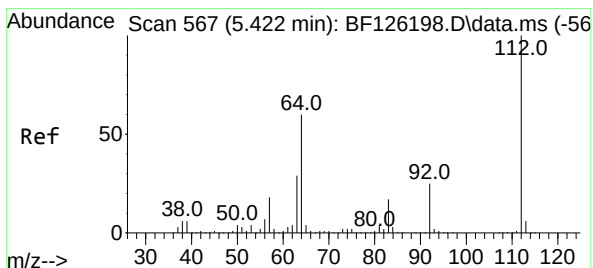
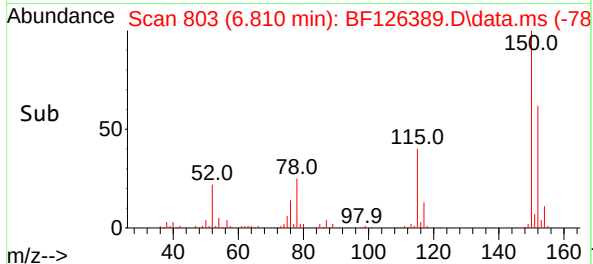
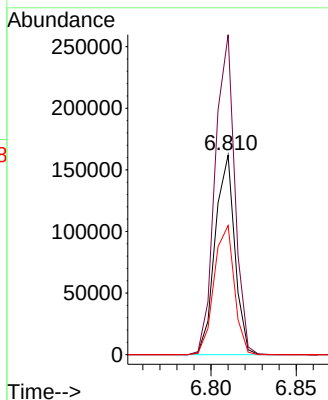
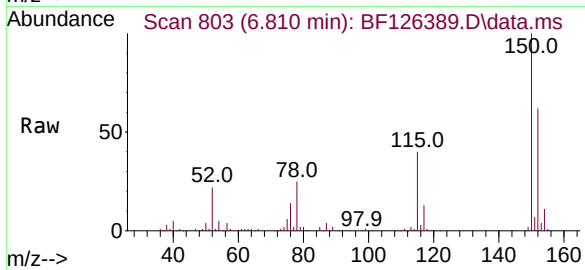




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

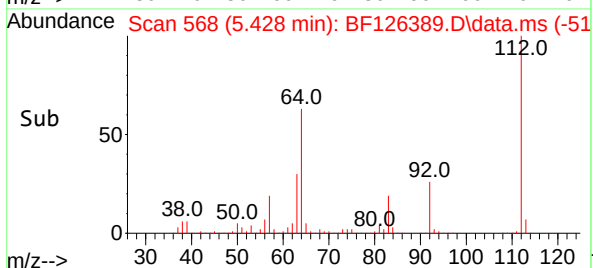
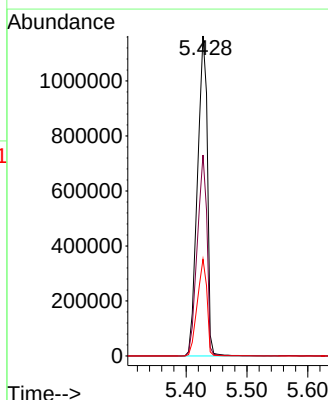
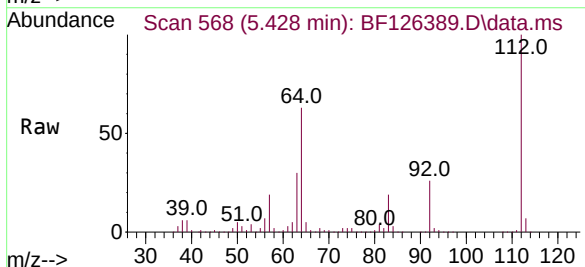
Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

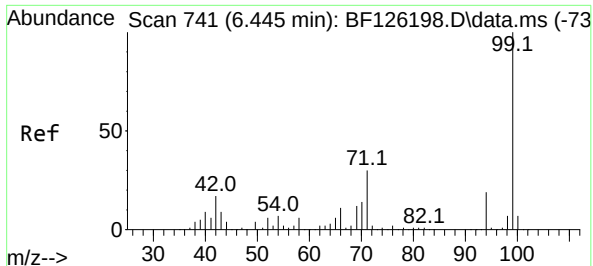
Tgt Ion:152 Resp: 130117
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 149.276 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

Tgt Ion:112 Resp: 1318935
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 30.3 26.2 39.2

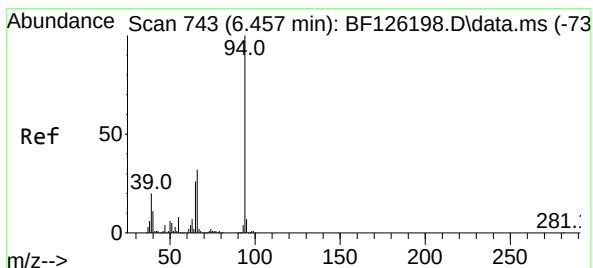
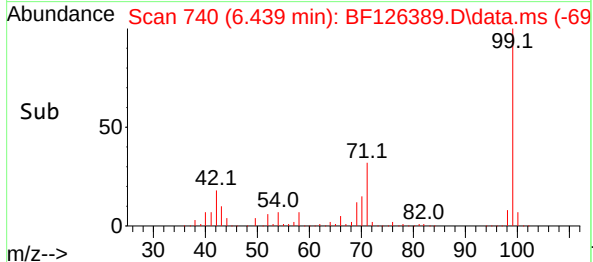
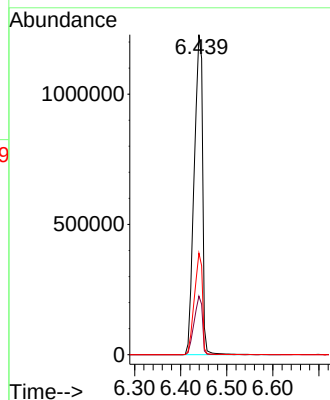
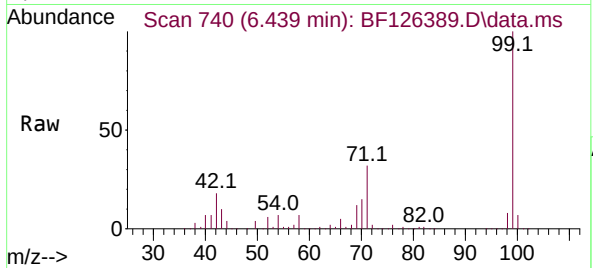




#7
Phenol-d6
Concen: 138.425 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

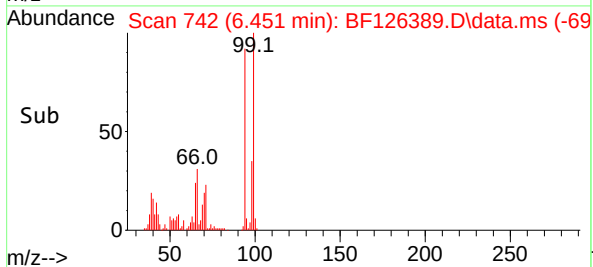
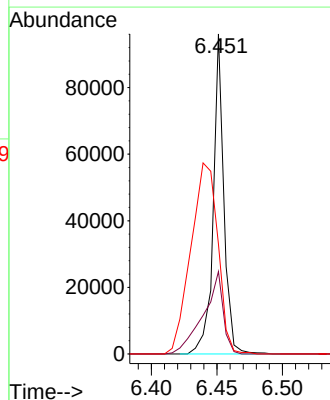
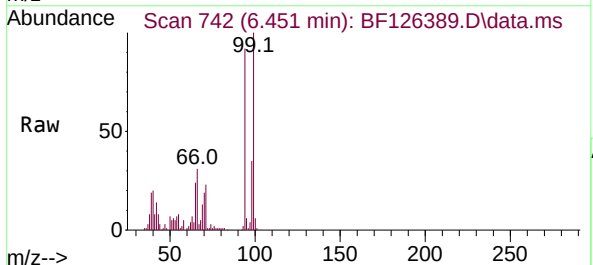
Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

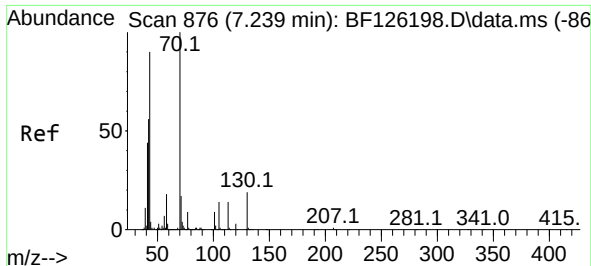
Tgt Ion: 99 Resp: 1552979
Ion Ratio Lower Upper
99 100
42 18.3 23.5 35.3#
71 31.7 25.6 38.4



#10
Phenol
Concen: 4.310 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

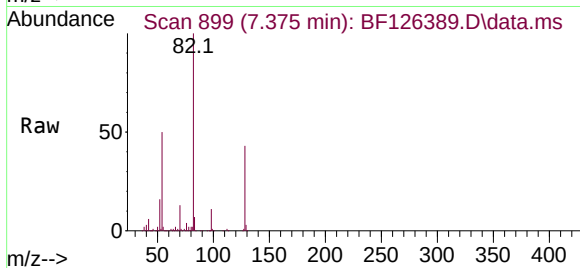
Tgt Ion: 94 Resp: 54274
Ion Ratio Lower Upper
94 100
65 25.7 9.3 49.3
66 34.4 20.3 60.3



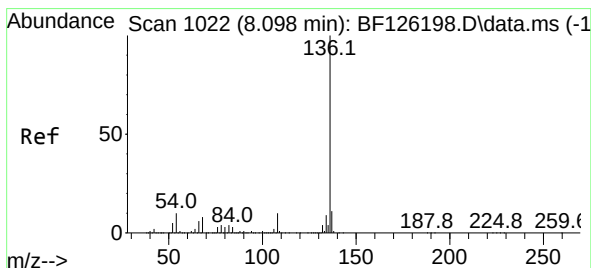
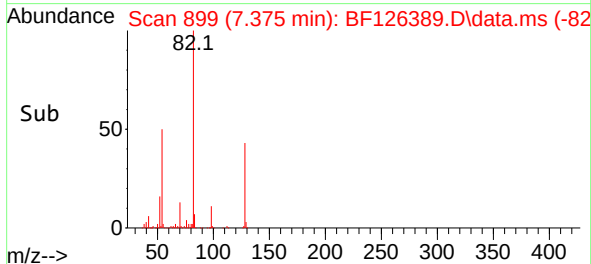
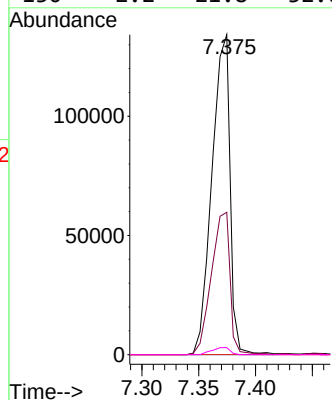


#19
n-Nitroso-di-n-propylamine
Concen: 21.621 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

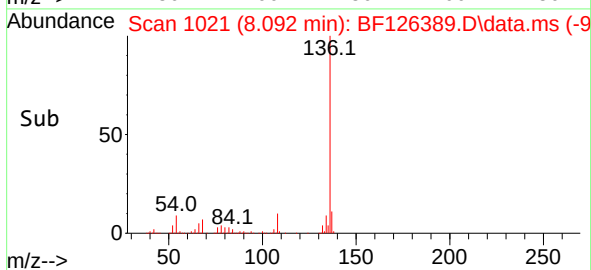
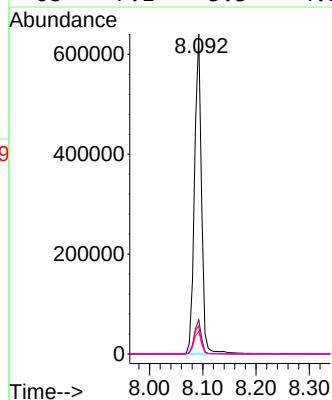
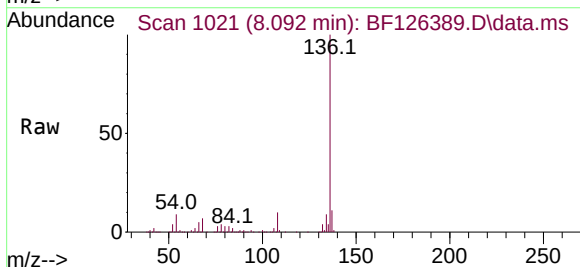


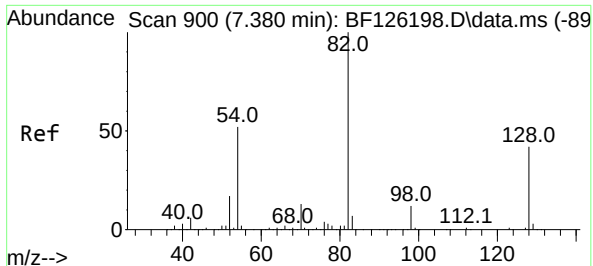
Tgt Ion: 70 Resp: 148911
Ion Ratio Lower Upper
70 100
42 44.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

Tgt Ion: 136 Resp: 589612
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.7 6.4 9.6
68 7.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 105.564 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

Instrument :

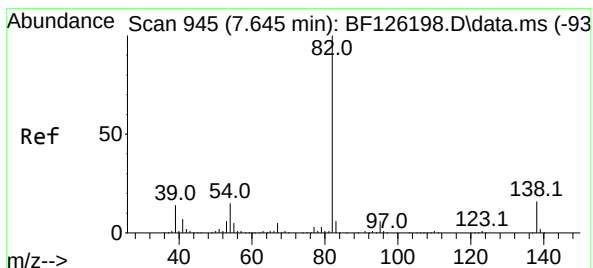
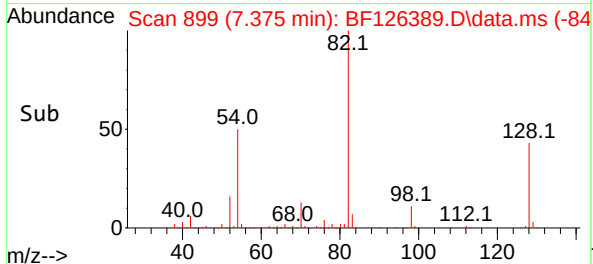
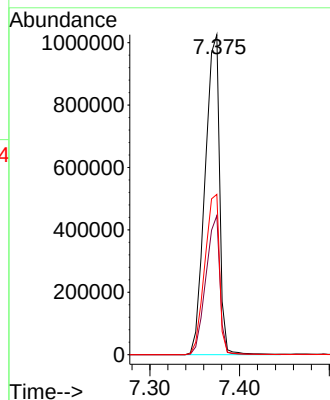
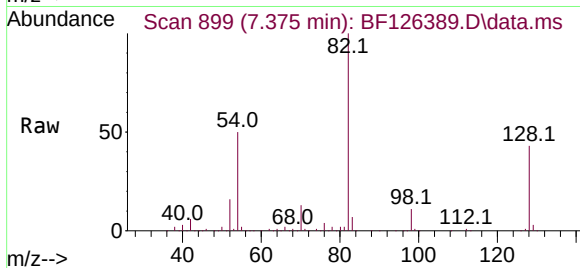
BNA_F

ClientSampleId :

DB-17-(10-15)-12-22-21

Tgt Ion: 82 Resp: 1149239

Ion	Ratio	Lower	Upper
82	100		
128	43.5	40.6	60.8
54	50.1	49.6	74.4



#25

Isophorone

Concen: 55.901 ng

RT: 7.375 min Scan# 899

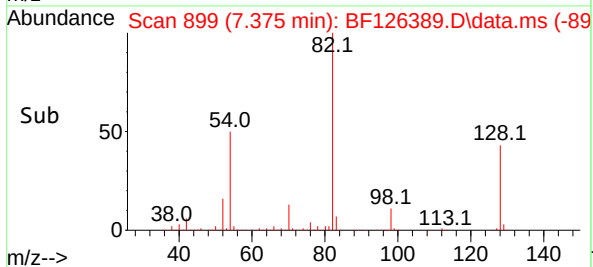
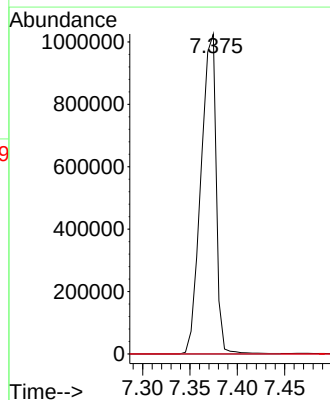
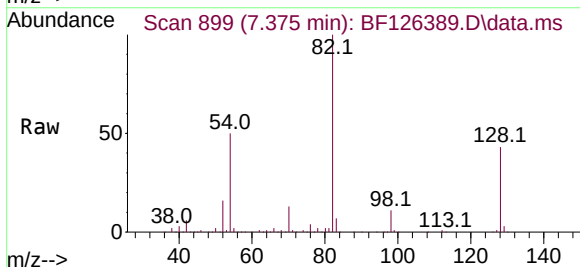
Delta R.T. -0.265 min

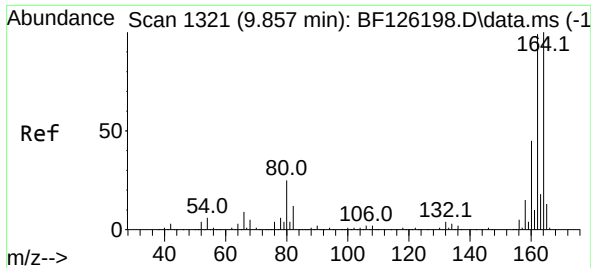
Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

Tgt Ion: 82 Resp: 1149229

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

Instrument :

BNA_F

ClientSampleId :

DB-17-(10-15)-12-22-21

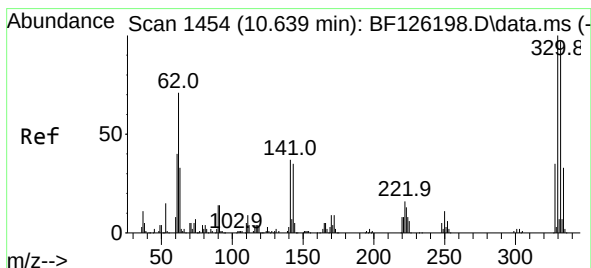
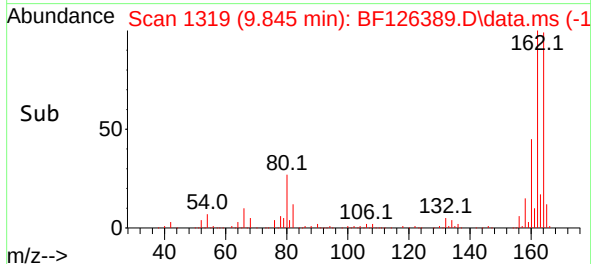
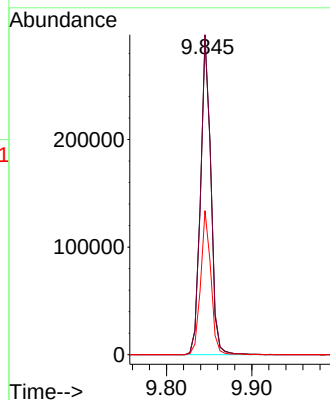
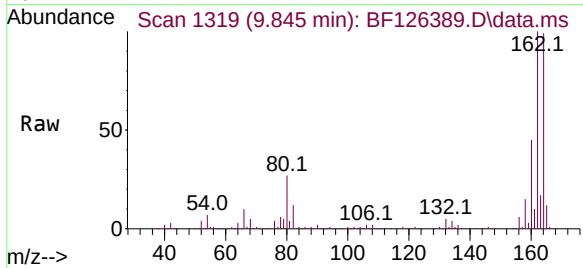
Tgt Ion:164 Resp: 248217

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 45.6 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 136.230 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

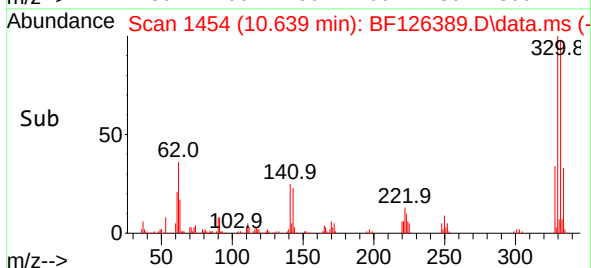
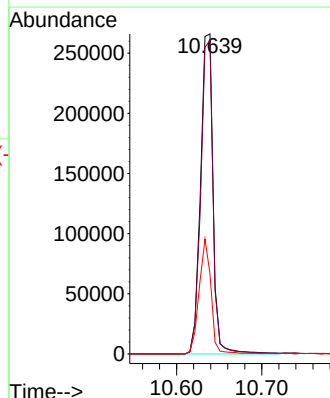
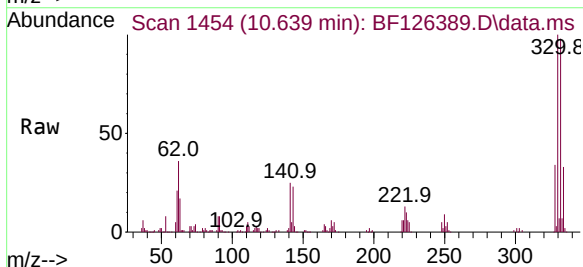
Tgt Ion:330 Resp: 271750

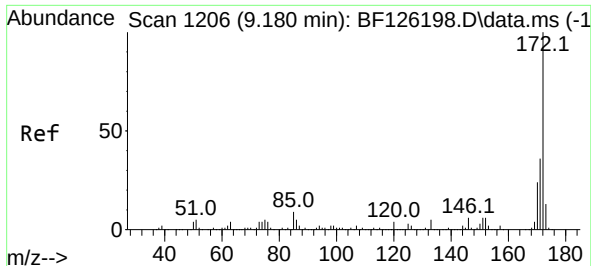
Ion Ratio Lower Upper

330 100

332 96.1 76.2 114.4

141 34.4 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 90.933 ng

RT: 9.169 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

Instrument :

BNA_F

ClientSampleId :

DB-17-(10-15)-12-22-21

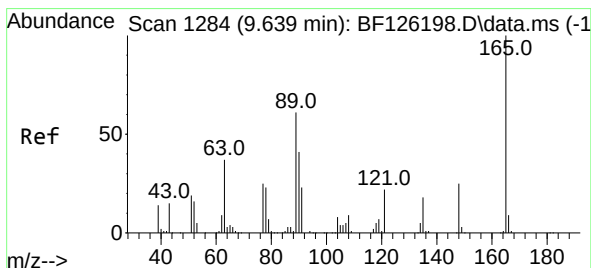
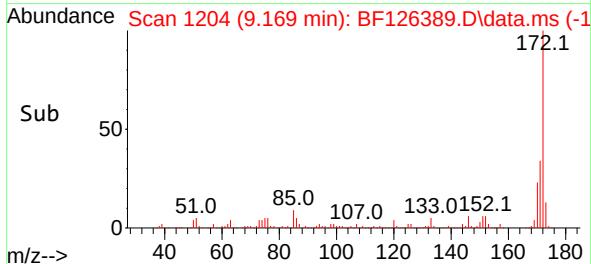
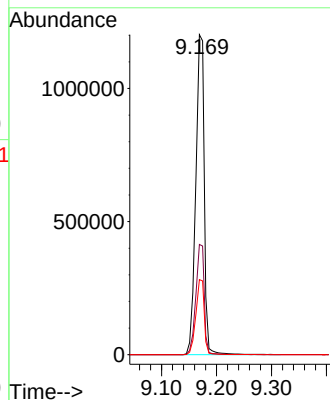
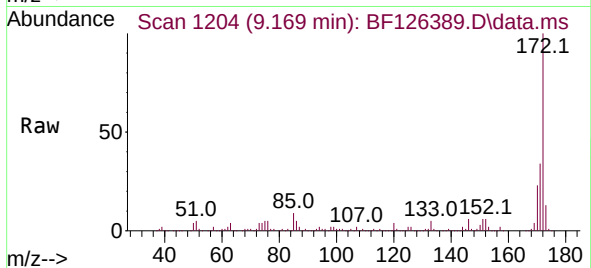
Tgt Ion:172 Resp: 1286921

Ion Ratio Lower Upper

172 100

171 34.5 26.5 39.7

170 23.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.153 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.206 min

Lab File: BF126389.D

Acq: 28 Dec 2021 19:17

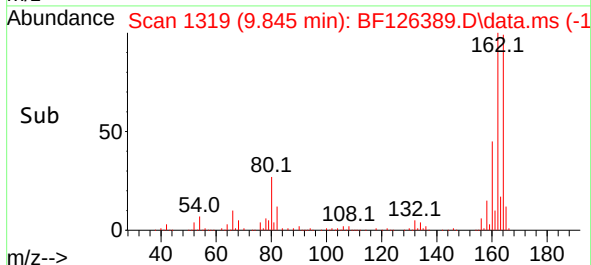
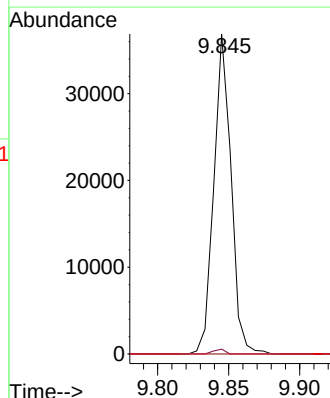
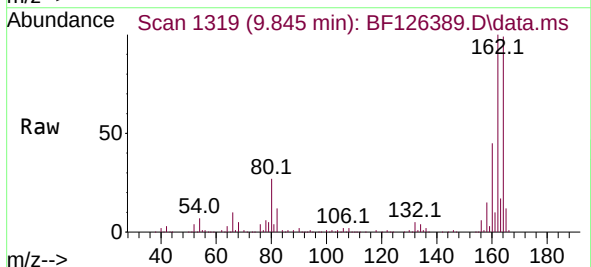
Tgt Ion:165 Resp: 31151

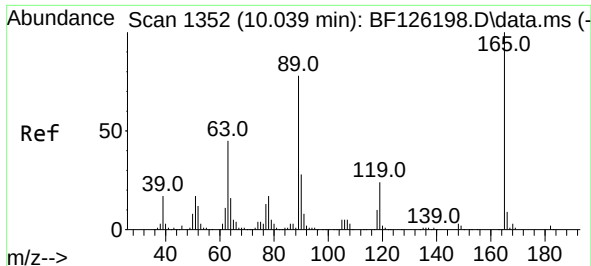
Ion Ratio Lower Upper

165 100

63 1.5 42.6 63.8#

89 0.0 40.6 60.8#

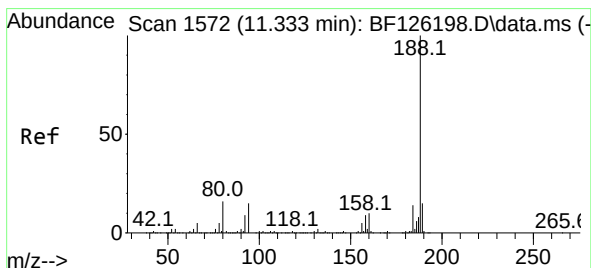
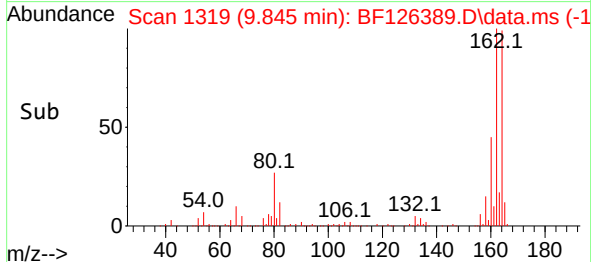
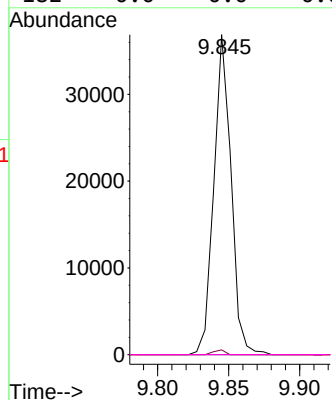
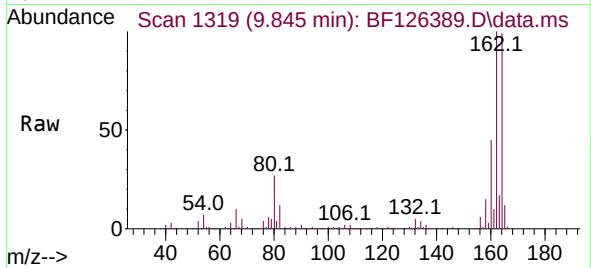




#57
2,4-Dinitrotoluene
Concen: 7.176 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

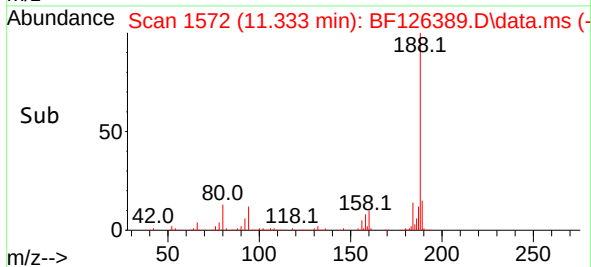
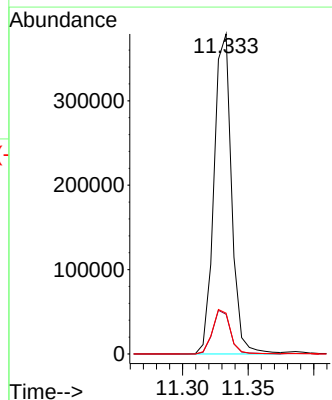
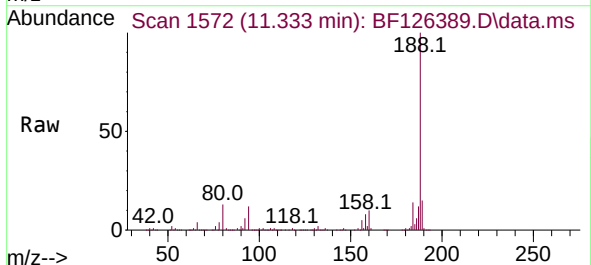
Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

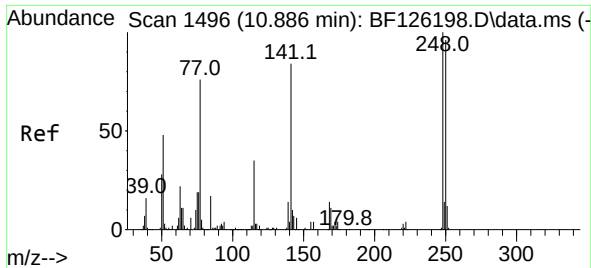
Tgt Ion:165 Resp: 31151
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

Tgt Ion:188 Resp: 352831
Ion Ratio Lower Upper
188 100
94 12.4 6.7 10.1#
80 12.8 7.5 11.3#

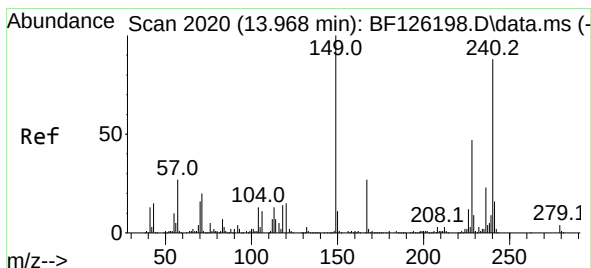
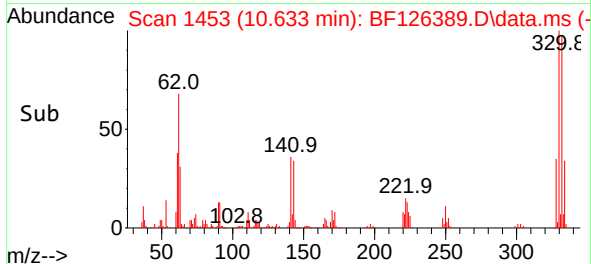
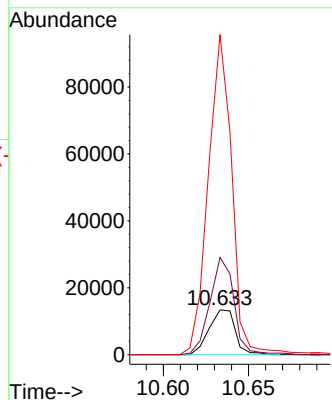
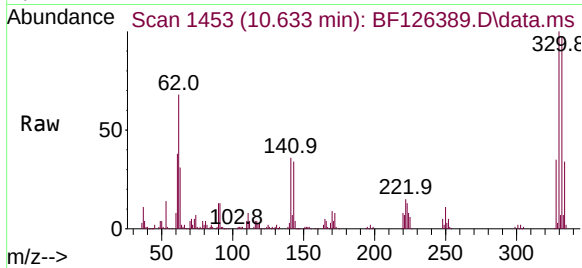




#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

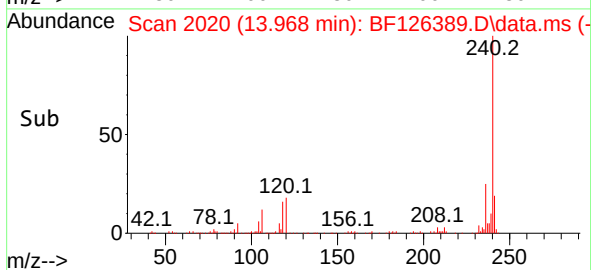
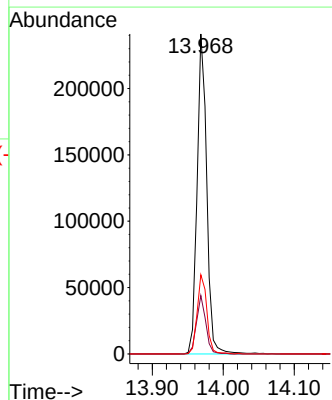
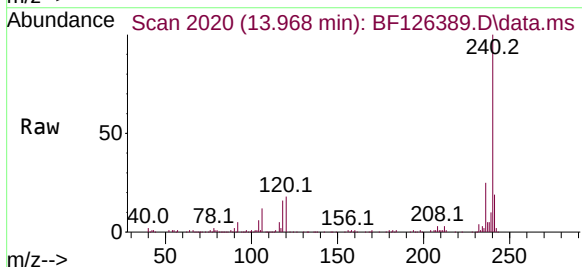
Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

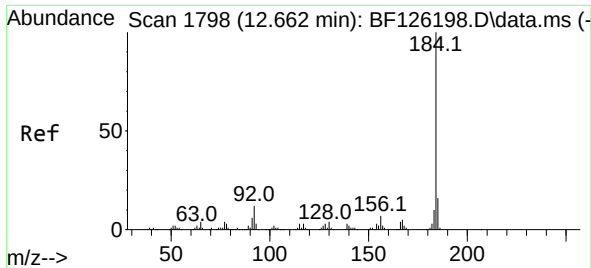
Tgt Ion:248 Resp: 14334
Ion Ratio Lower Upper
248 100
250 217.3 74.2 111.4#
141 714.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

Tgt Ion:240 Resp: 227829
Ion Ratio Lower Upper
240 100
120 18.3 10.8 16.2#
236 24.8 21.6 32.4

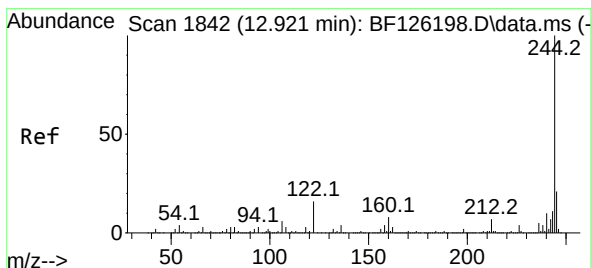
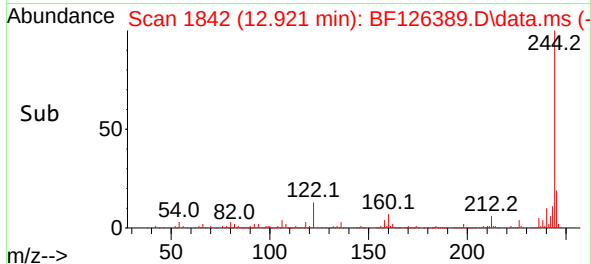
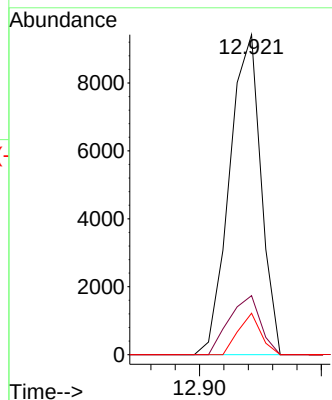
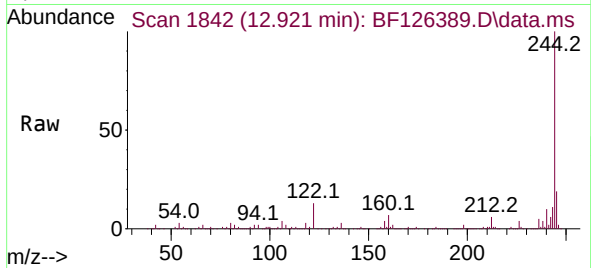




#77
Benzidine
Concen: 2.356 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

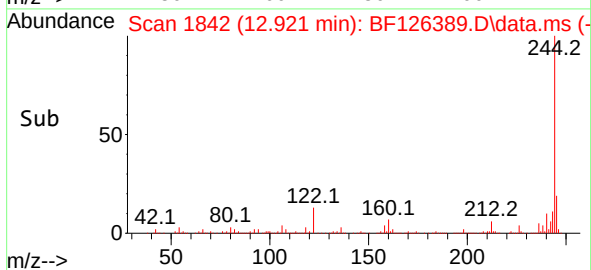
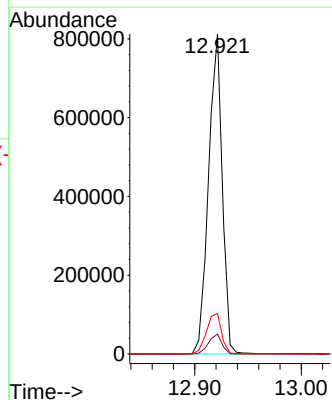
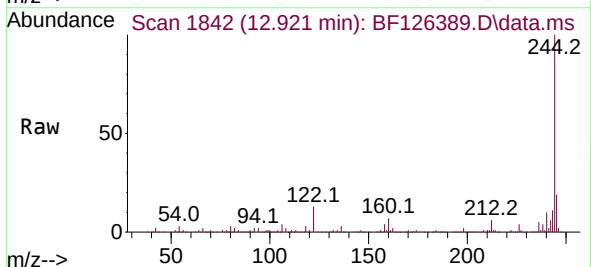
Instrument :
BNA_F
ClientSampleId :
DB-17-(10-15)-12-22-21

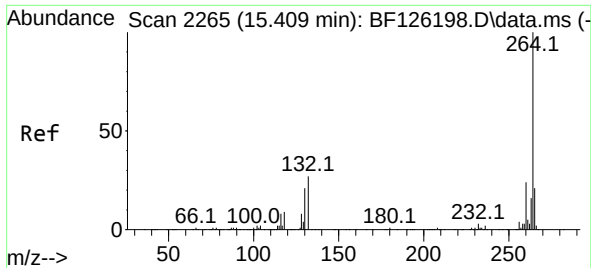
Tgt Ion:184 Resp: 8464
Ion Ratio Lower Upper
184 100
185 18.4 10.8 16.2#
183 13.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 55.585 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF126389.D
Acq: 28 Dec 2021 19:17

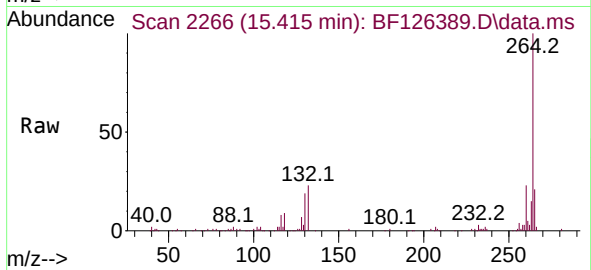
Tgt Ion:244 Resp: 728603
Ion Ratio Lower Upper
244 100
212 6.2 5.9 8.9
122 12.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126389.D
 Acq: 28 Dec 2021 19:17

Instrument :
 BNA_F
 ClientSampleId :
 DB-17-(10-15)-12-22-21



Tgt Ion:264 Resp: 160888
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 20.5 17.2 25.8

