

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120559.D
 Acq On : 5 Jun 2020 15:01
 Operator : JU/CG
 Sample : L2886-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-3

Quant Time: Jun 05 17:24:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:36:20 2020
 Response via : Initial Calibration

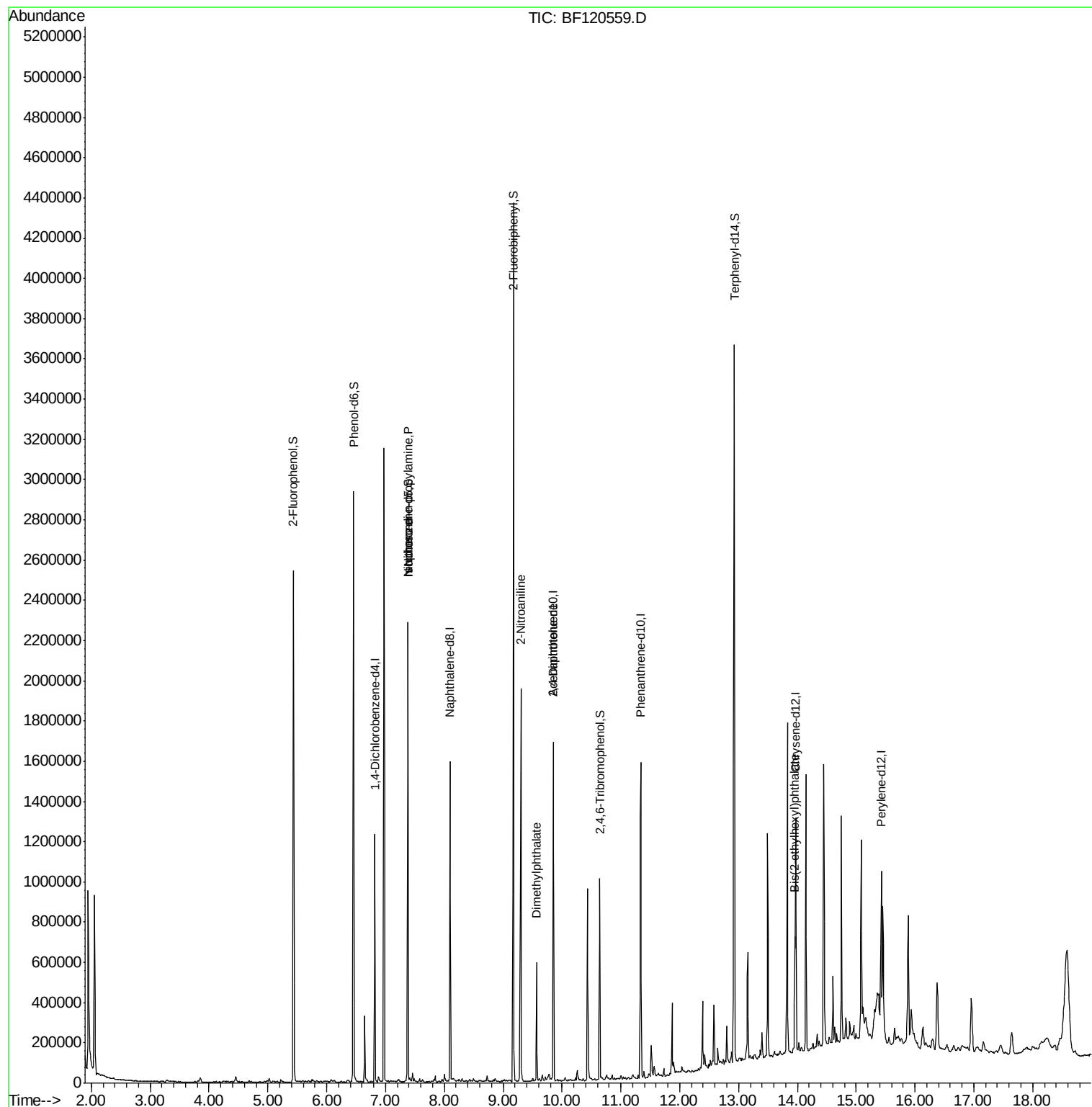
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	169482	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	631724	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	319039	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	572298	20.00	ng	0.00
76) Chrysene-d12	13.97	240	364039	20.00	ng	0.00
86) Perylene-d12	15.43	264	382710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	752484	84.61	ng	0.00
7) Phenol-d6	6.46	99	1065371	97.19	ng	0.00
23) Nitrobenzene-d5	7.38	82	724845	75.06	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	113347	38.34	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1352299	71.92	ng	0.00
79) Terphenyl-d14	12.93	244	1311571	80.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	97335	13.969	ng	# 74
25) Isophorone	7.38	82	724830	37.343	ng	# 64
48) 2-Nitroaniline	9.30	65	19781	3.763	ng	# 10
50) Dimethylphthalate	9.57	163	230556	11.559	ng	100
57) 2,4-Dinitrotoluene	9.85	165	40483	7.136	ng	# 24
84) Bis(2-ethylhexyl)phthalate	13.96	149	149870	12.080	ng	98

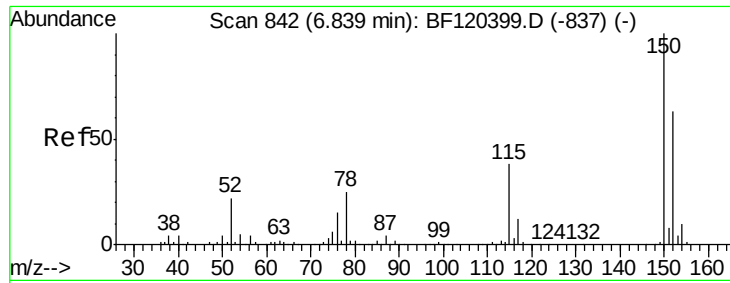
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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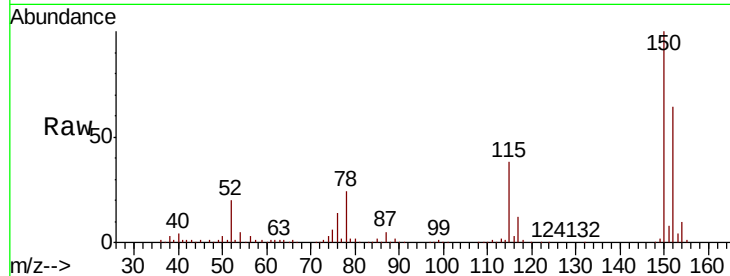


#1

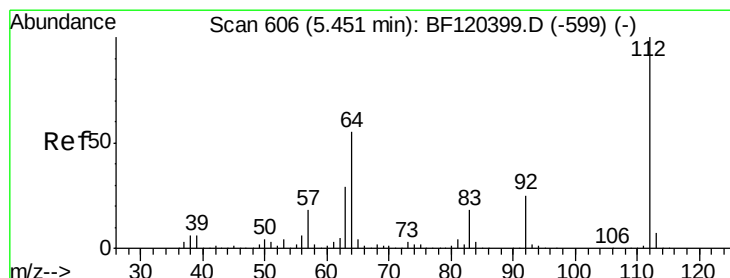
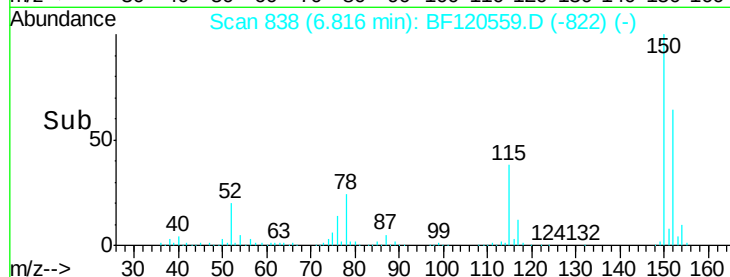
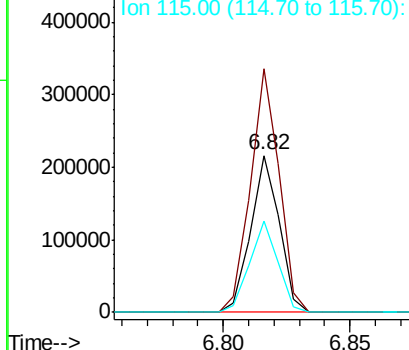
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Instrument :
BNA_F
ClientSampleId :
SLAB-3

Tot Ion:152 Resp: 169482
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.4
115 58.4 43.8 65.6



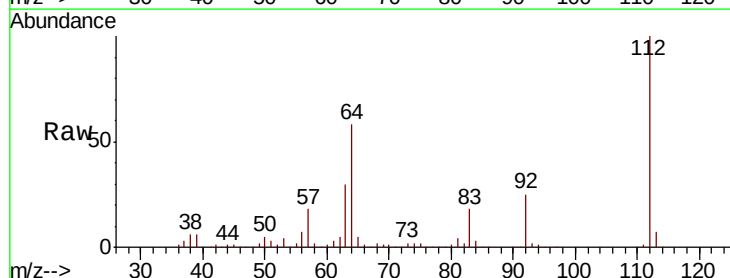
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



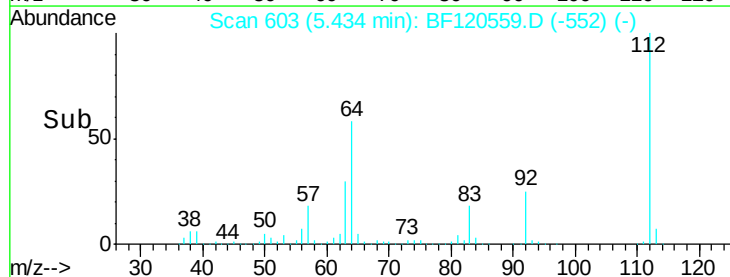
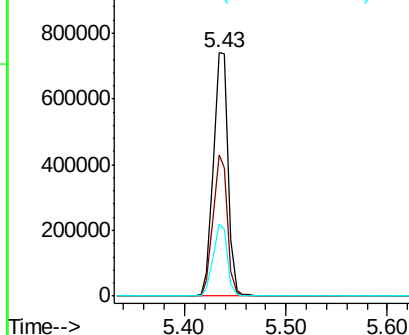
#5

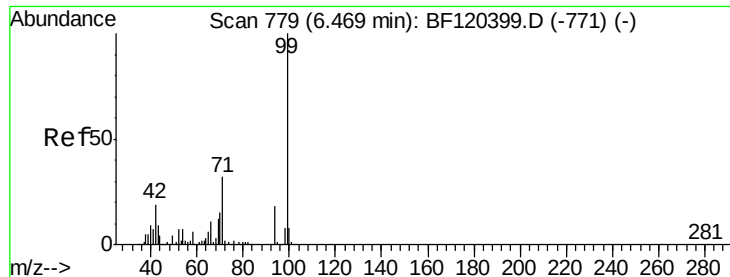
2-Fluorophenol
Concen: 84.613 ng
RT: 5.43 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Tgt Ion:112 Resp: 752484
Ion Ratio Lower Upper
112 100
64 58.2 46.5 69.7
63 29.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.192 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

Instrument :

BNA_F

ClientSampleId :

SLAB-3

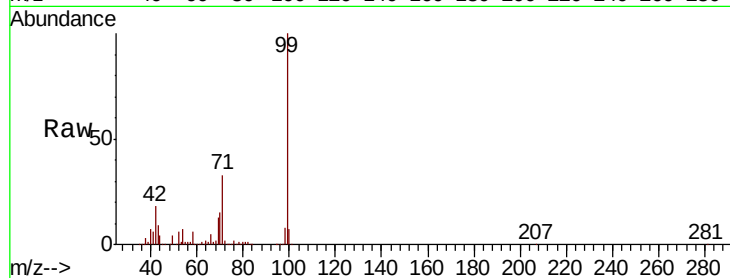
Tot Ion: 99 Resp: 1065371

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

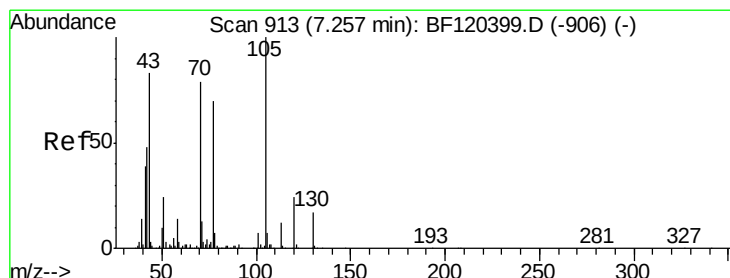
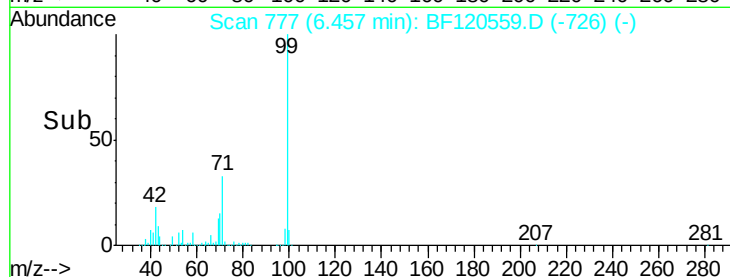
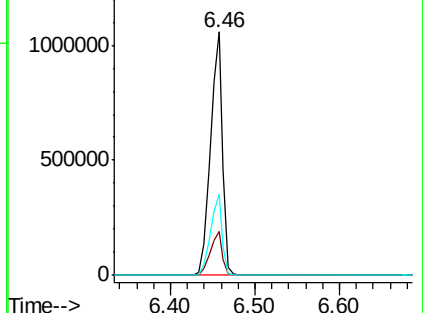
71 33.4 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 13.969 ng

RT: 7.38 min Scan# 934

Delta R.T. 0.15 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

Tgt Ion: 70 Resp: 97335

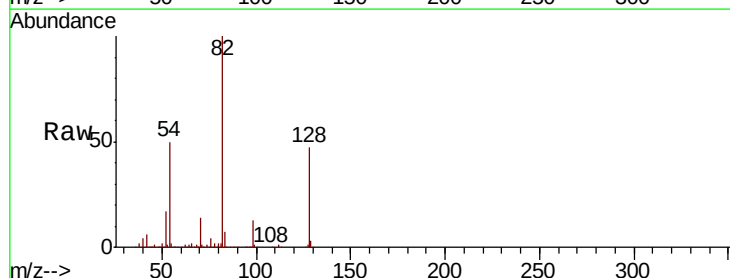
Ion Ratio Lower Upper

70 100

42 45.9 49.1 73.7#

101 0.0 7.7 11.5#

130 2.3 17.4 26.2#

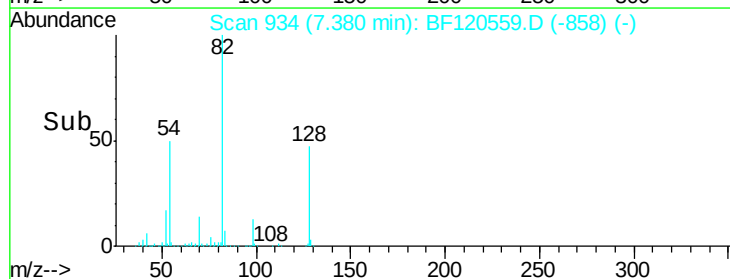
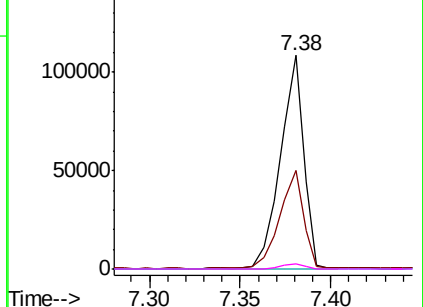


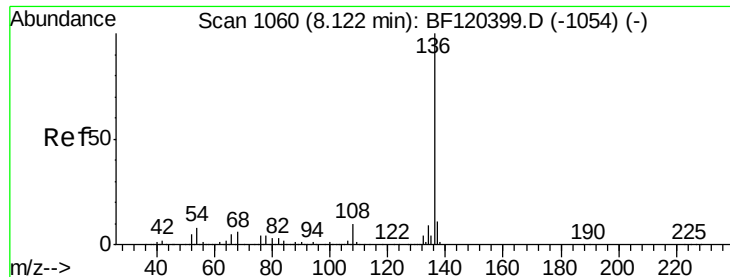
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

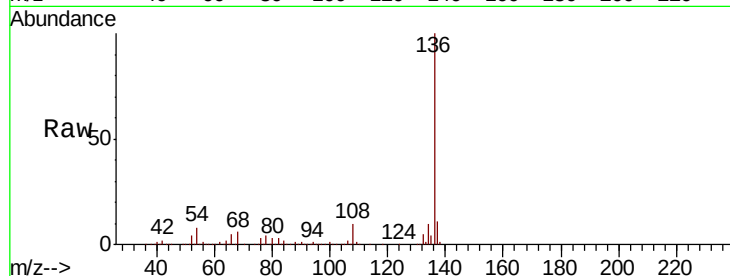




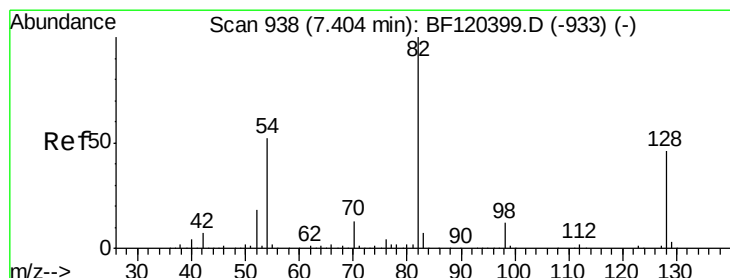
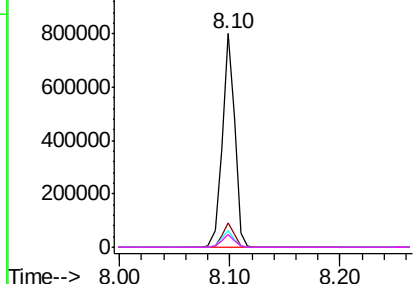
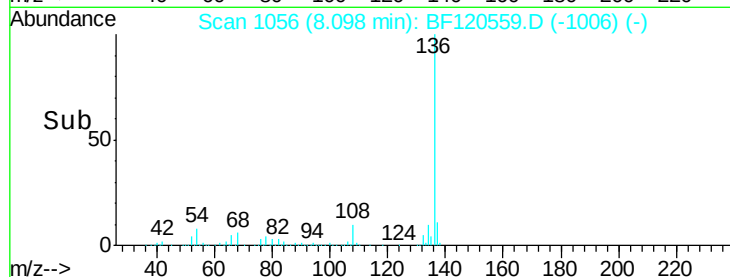
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Instrument :
BNA_F
ClientSampleId :
SLAB-3

Tot Ion:136	Resp:	631724	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.7	13.1	
54 7.7	5.1	7.7	
68 5.9	4.0	6.0	

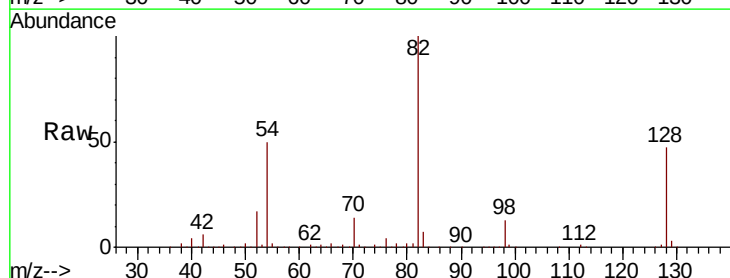


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

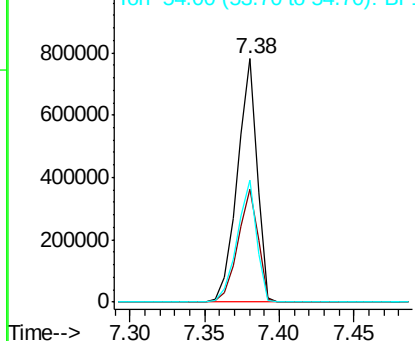
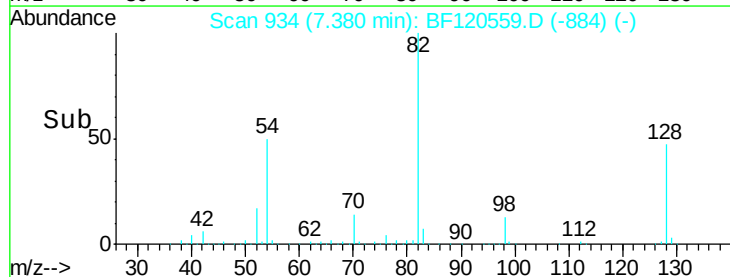


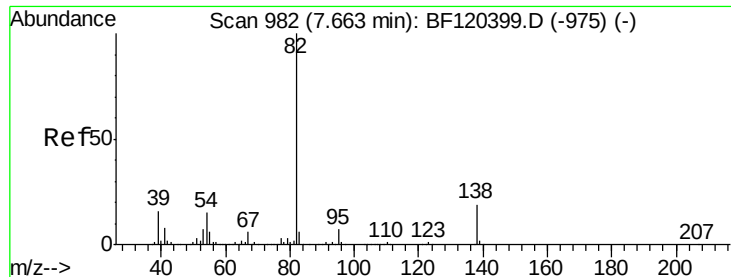
#23
Nitrobenzene-d5
Concen: 75.056 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Tgt	Ion: 82	Resp:	724845
Ion	Ratio	Lower	Upper
82	100		
128	46.7	38.6	57.8
54	49.9	39.5	59.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.343 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.26 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

Instrument :

BNA_F

ClientSampled :

SLAB-3

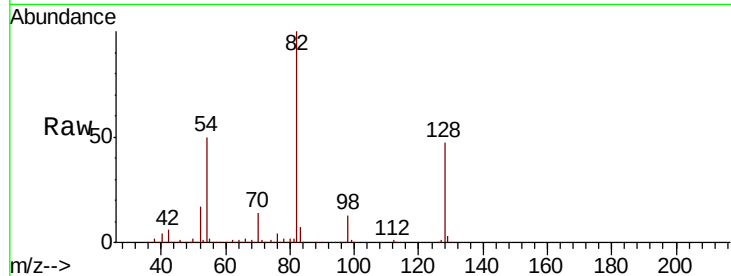
Tot Ion: 82 Resp: 724830

Ion Ratio Lower Upper

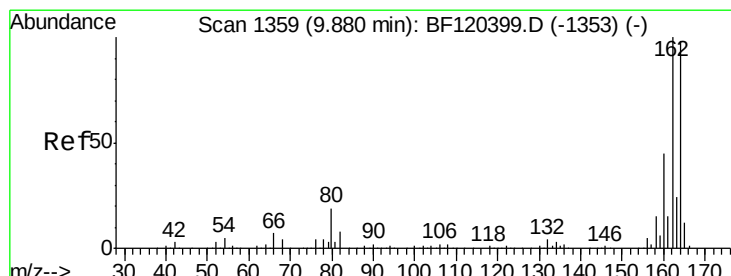
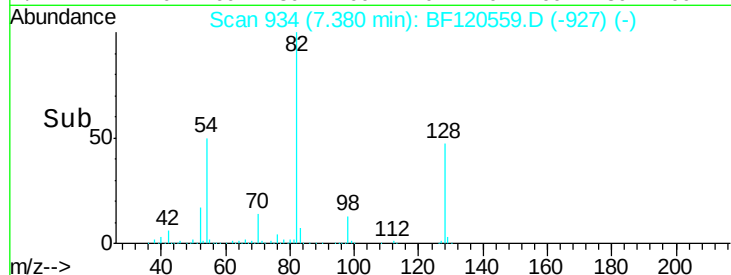
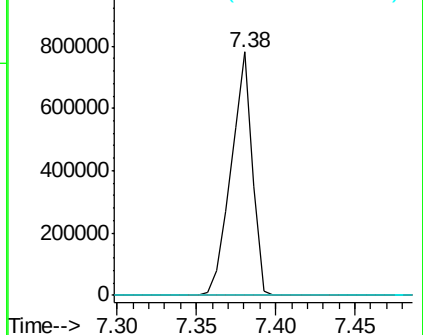
82 100

95 0.1 5.8 8.6#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1354

Delta R.T. -0.01 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

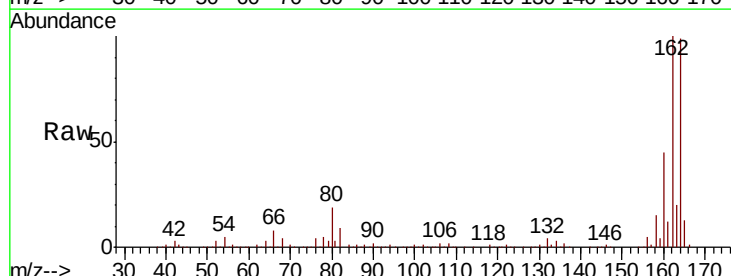
Tgt Ion:164 Resp: 319039

Ion Ratio Lower Upper

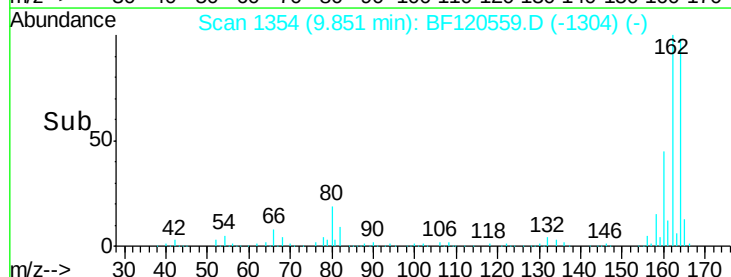
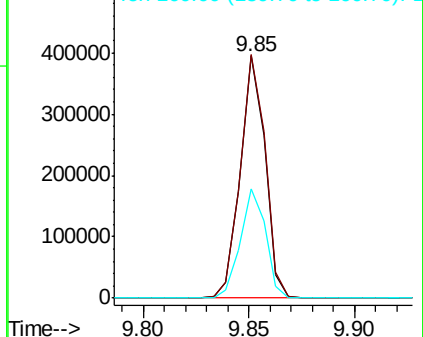
164 100

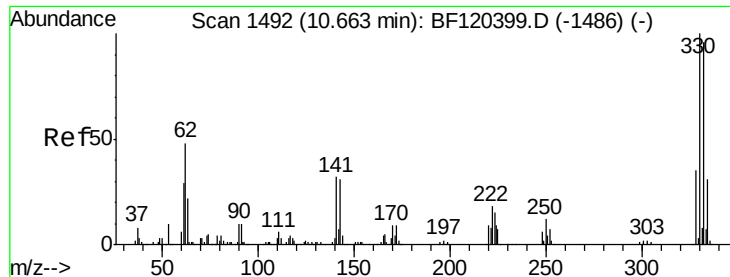
162 100.7 80.3 120.5

160 45.3 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

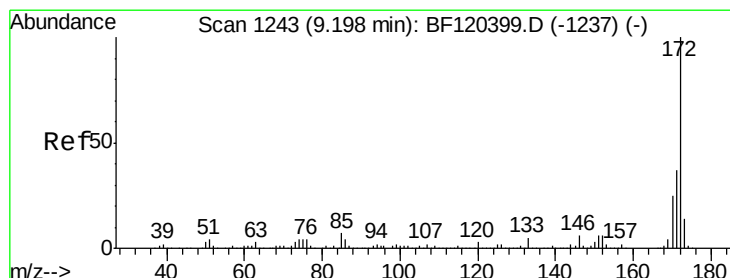
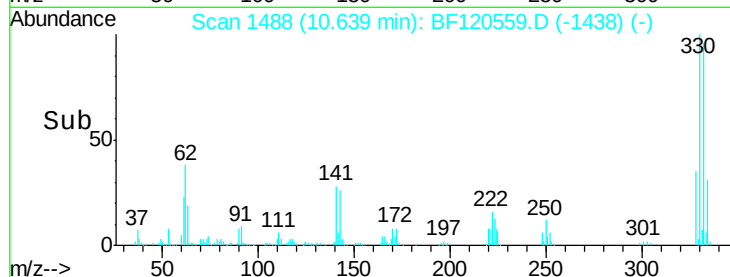
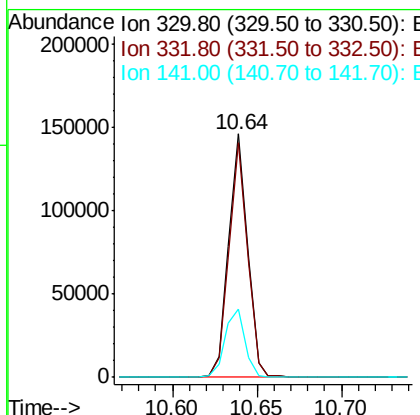
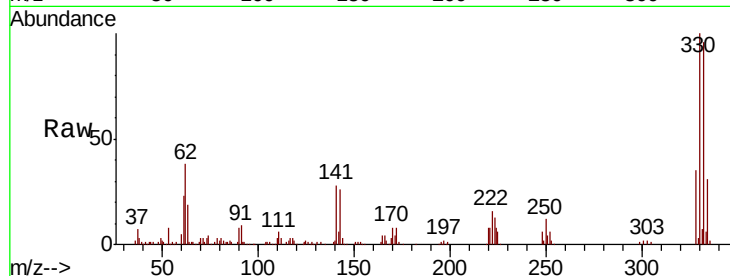




#42
 2,4,6-Tribromophenol
 Concen: 38.344 ng
 RT: 10.64 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF120559.D
 Acq: 5 Jun 2020 15:01

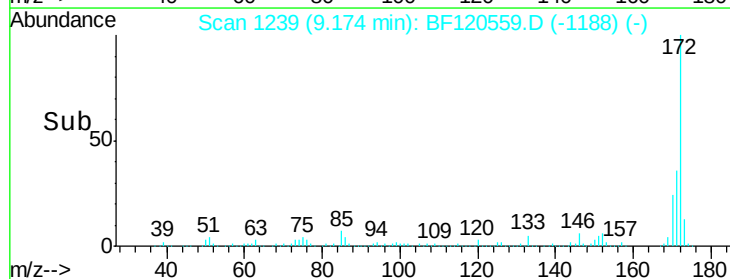
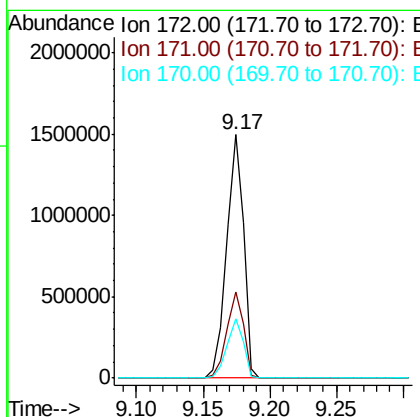
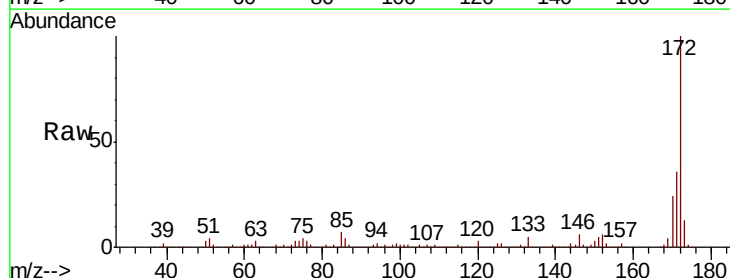
Instrument :
 BNA_F
 ClientSampleId :
 SLAB-3

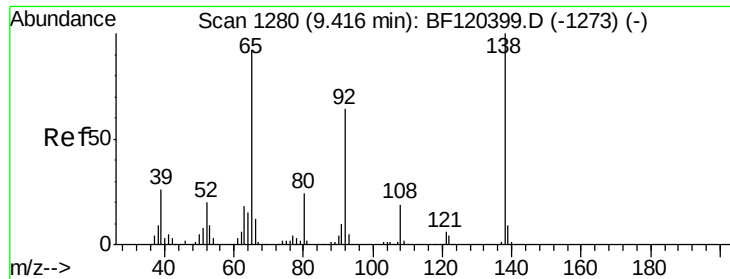
Tot Ion:330 Resp: 113347
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.7 115.1
 141 29.6 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 71.917 ng
 RT: 9.17 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF120559.D
 Acq: 5 Jun 2020 15:01

Tgt Ion:172 Resp: 1352299
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 24.5 19.0 28.6

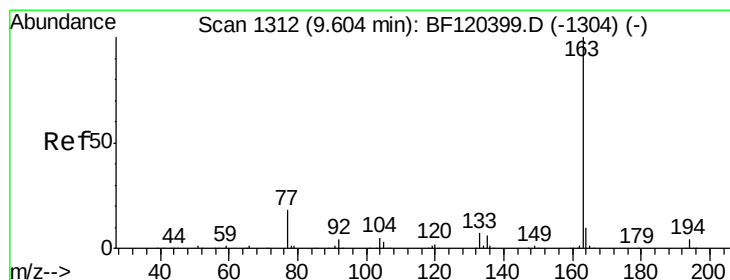
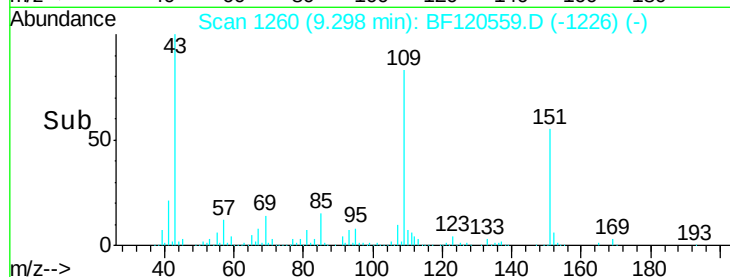
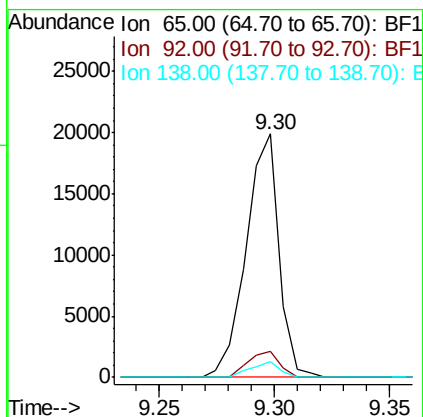
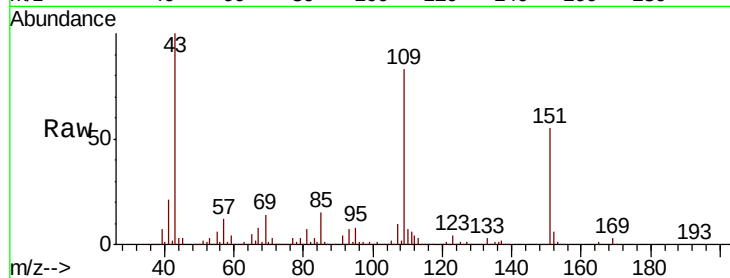




#48
2-Nitroaniline
Concen: 3.763 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.10 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

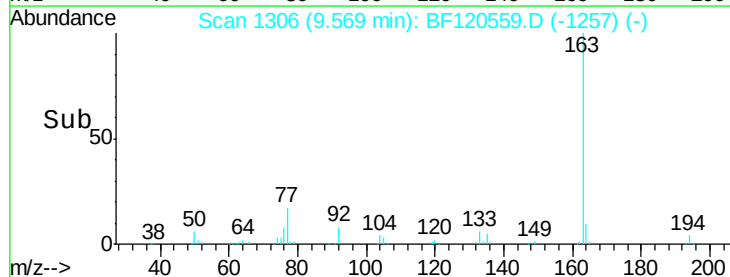
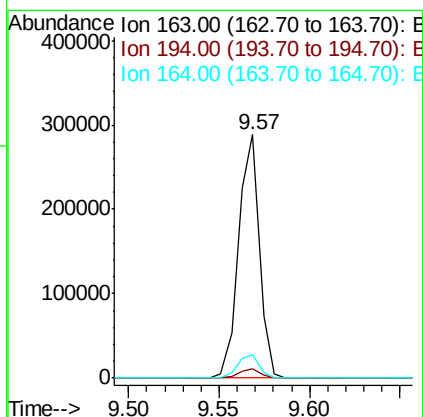
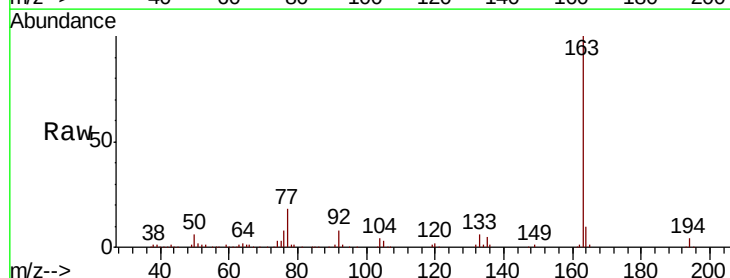
Instrument :
BNA_F
ClientSampled :
SLAB-3

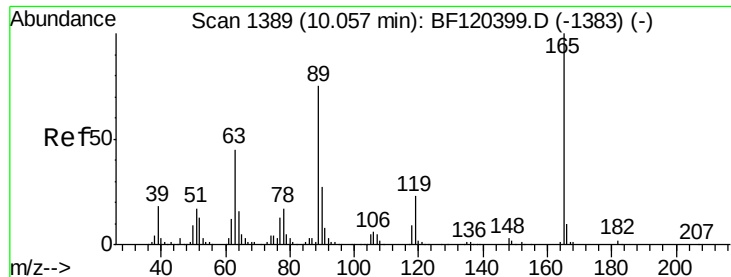
Tot Ion: 65 Resp: 19781
Ion Ratio Lower Upper
65 100
92 10.6 56.8 85.2#
138 6.3 93.3 139.9#



#50
Dimethylphthalate
Concen: 11.559 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Tgt Ion: 163 Resp: 230556
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 7.8 11.8

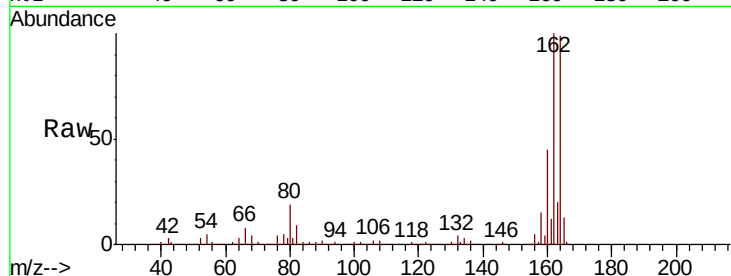




#57
 2,4-Dinitrotoluene
 Concen: 7.136 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.19 min
 Lab File: BF120559.D
 Acq: 5 Jun 2020 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-3

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.6	52.0#
89	1.2	57.0	85.4#
182	0.0	2.1	3.1#

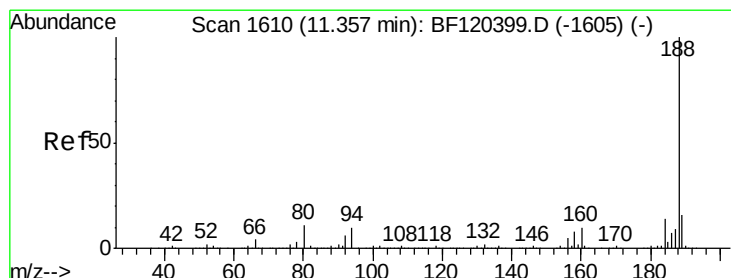
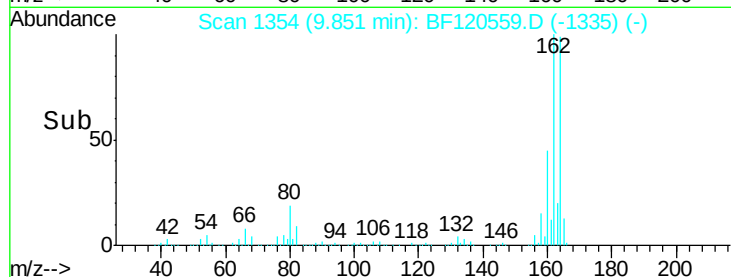
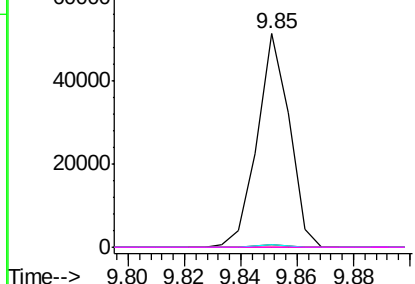


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

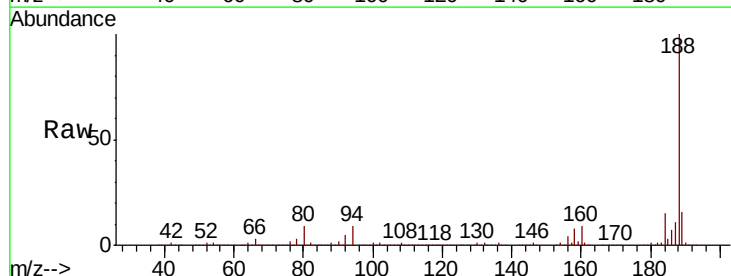
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF120559.D
 Acq: 5 Jun 2020 15:01

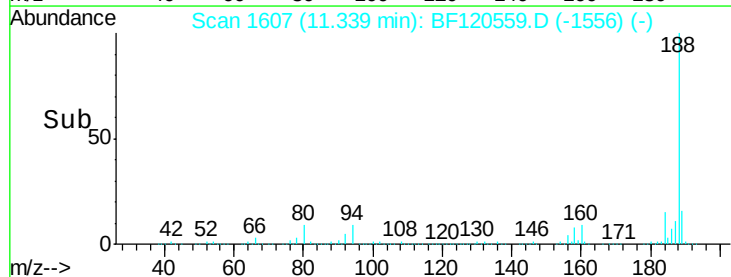
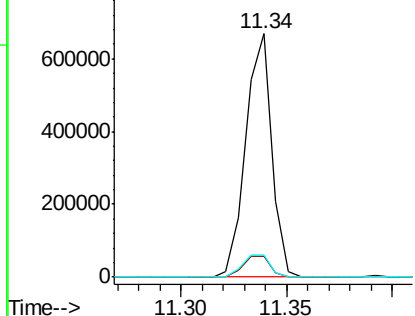
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	8.9	7.4	11.0

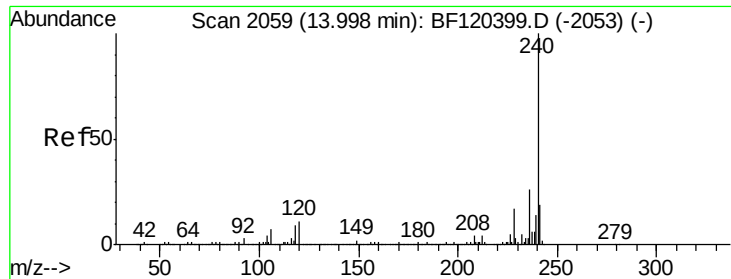


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

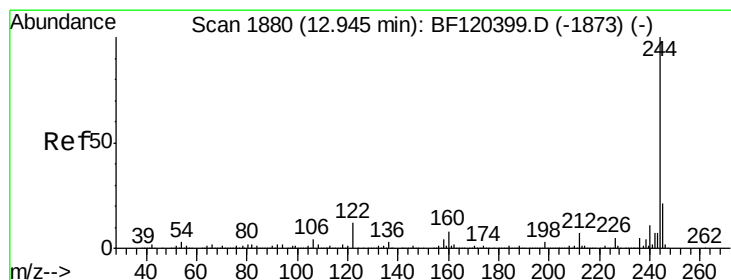
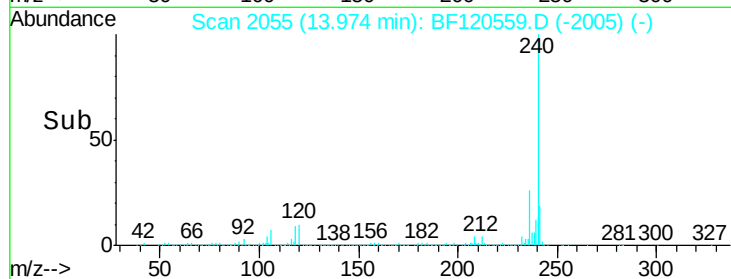
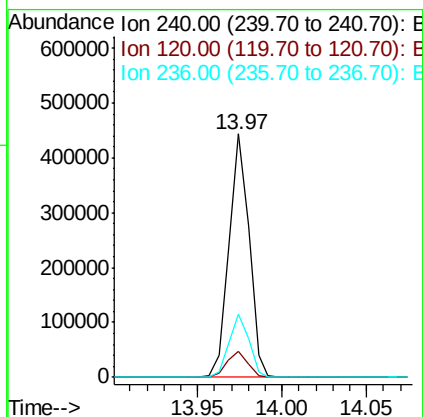
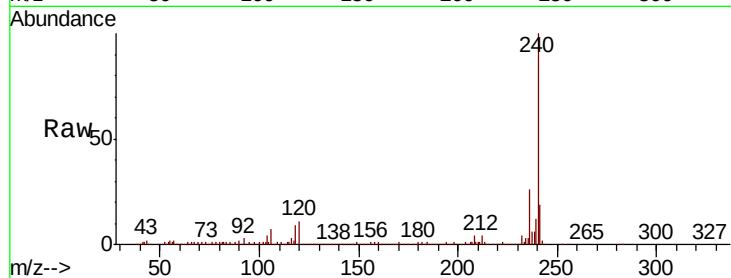




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

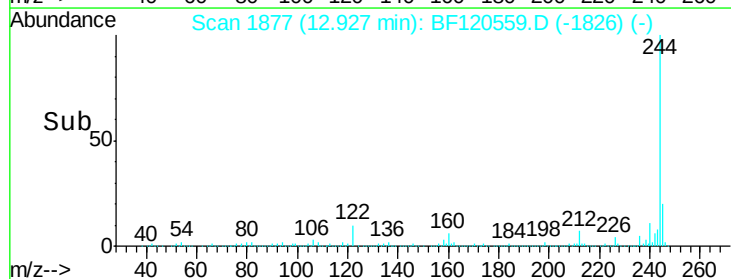
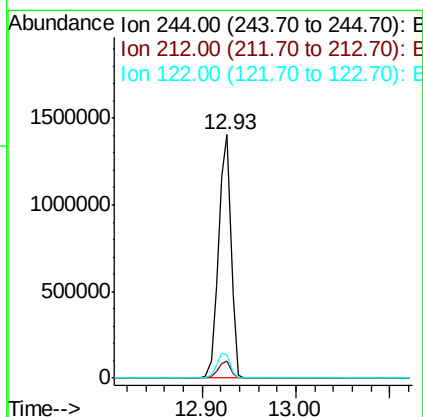
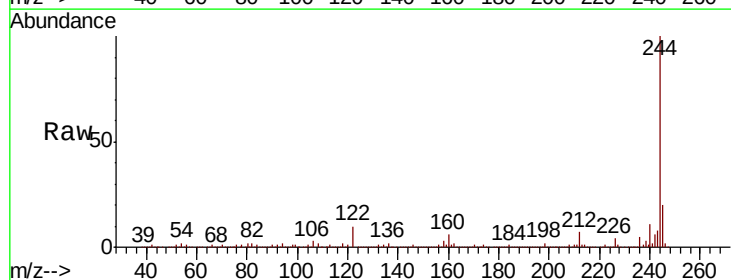
Instrument :
BNA_F
ClientSampleId :
SLAB-3

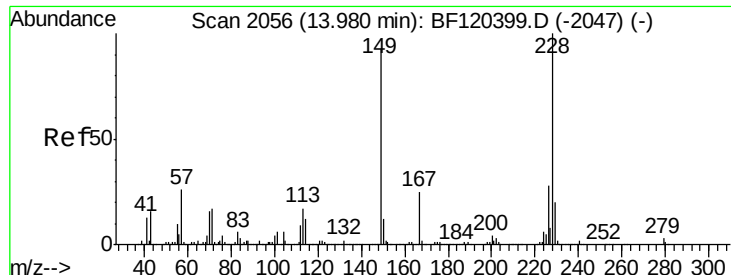
Tot Ion:240 Resp: 364039
Ion Ratio Lower Upper
240 100
120 10.6 9.1 13.7
236 25.9 21.3 31.9



#79
Terphenyl-d14
Concen: 80.172 ng
RT: 12.93 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BF120559.D
Acq: 5 Jun 2020 15:01

Tgt Ion:244 Resp: 1311571
Ion Ratio Lower Upper
244 100
212 6.8 5.3 7.9
122 9.8 8.4 12.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.080 ng

RT: 13.96 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

Instrument :

BNA_F

ClientSampleId :

SLAB-3

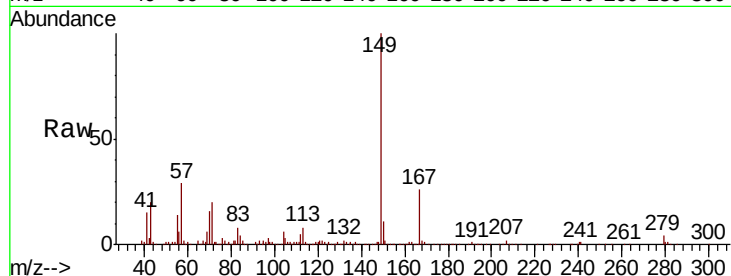
Tot Ion:149 Resp: 149870

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

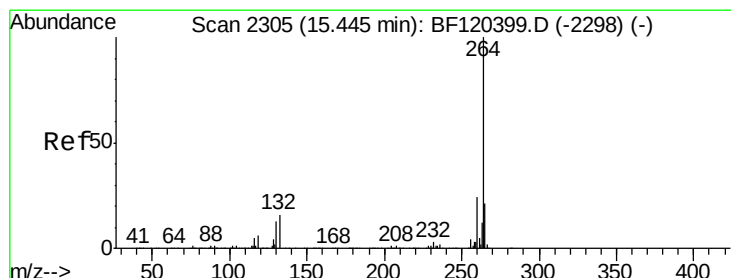
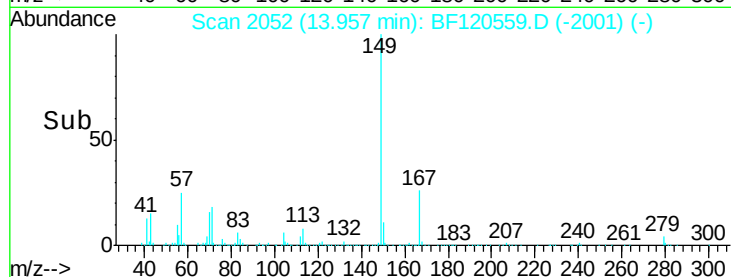
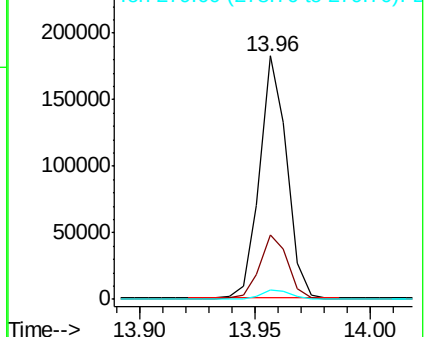
279 3.6 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BF120559.D

Acq: 5 Jun 2020 15:01

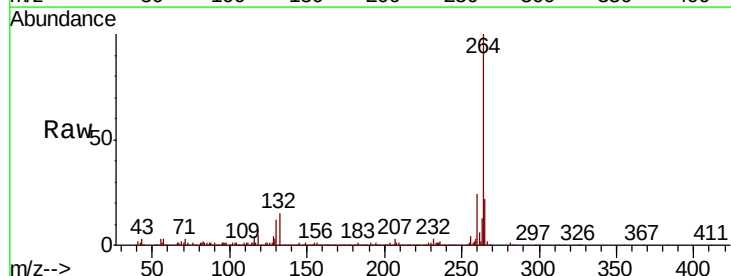
Tgt Ion:264 Resp: 382710

Ion Ratio Lower Upper

264 100

260 23.6 19.6 29.4

265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

