

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012320\
 Data File : BF118678.D
 Acq On : 23 Jan 2020 16:37
 Operator : CG/JU
 Sample : L1233-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-25

Quant Time: Jan 24 02:52:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

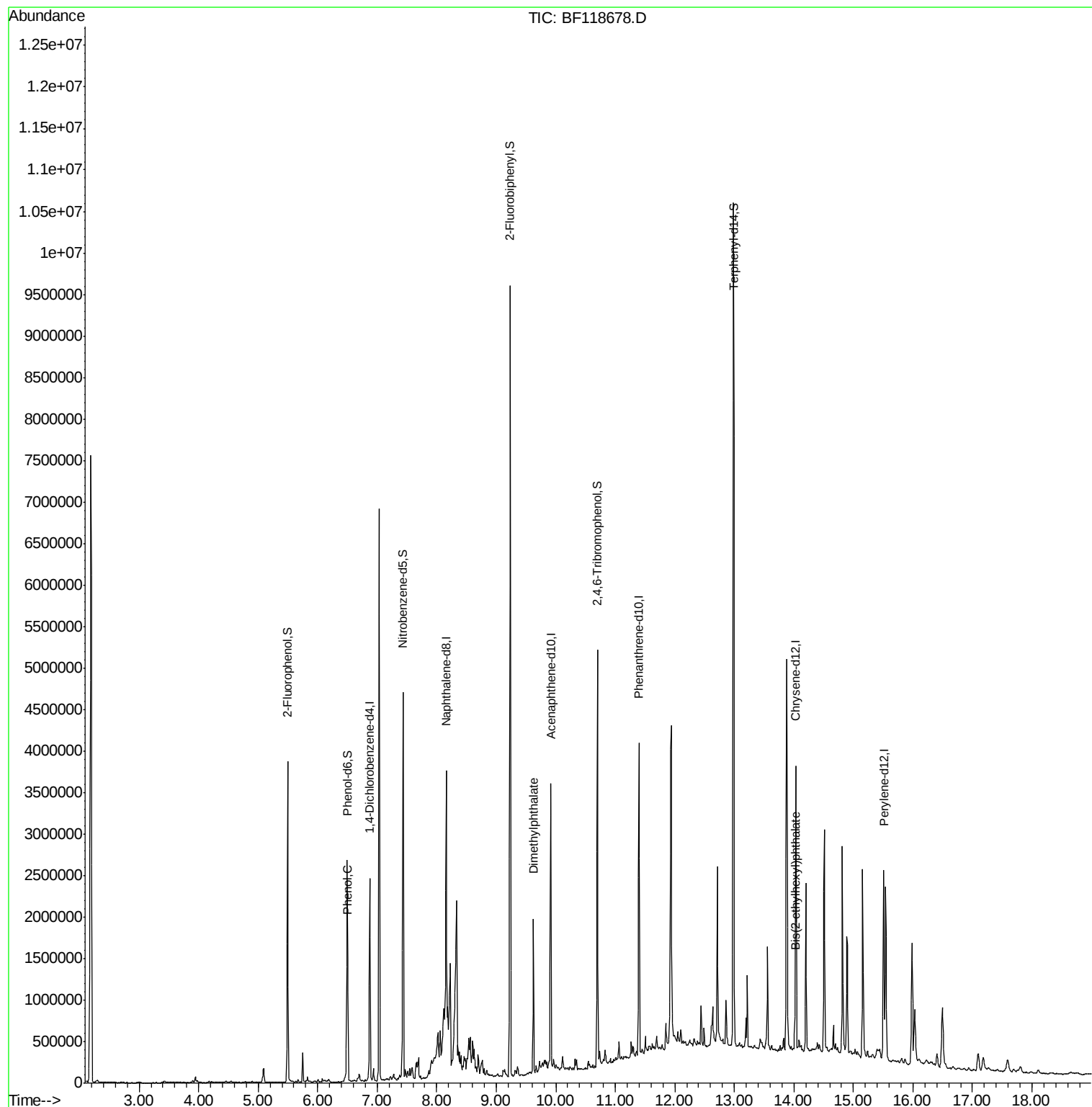
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	348371	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1268906	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	739296	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1373203	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1164073	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1146295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1139192	60.73	ng	0.00
7) Phenol-d6	6.49	99	954907	39.17	ng	-0.02
23) Nitrobenzene-d5	7.43	82	1851256	81.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	756283	88.44	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3378276	75.11	ng	-0.01
79) Terphenyl-d14	12.99	244	4156935	77.89	ng	0.00
Target Compounds						
10) Phenol	6.51	94	318660	11.469	ng	92
50) Dimethylphthalate	9.63	163	831643	17.266	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	95609	2.420	ng	# 96

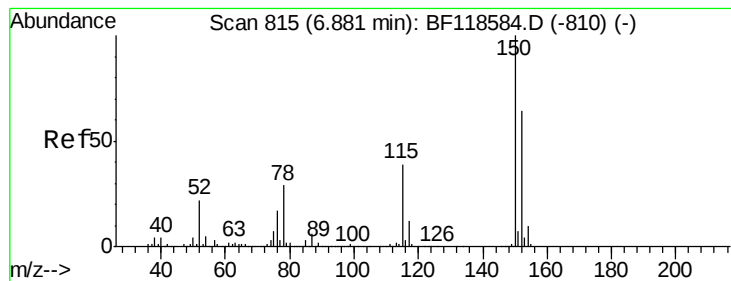
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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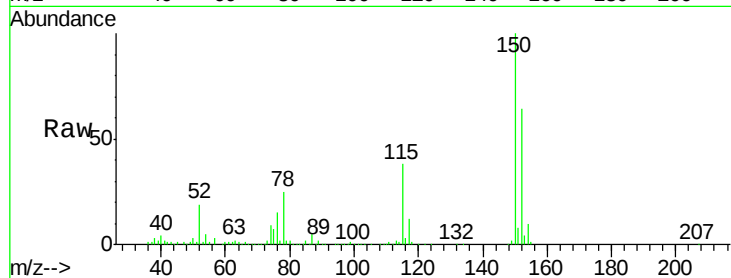


#1

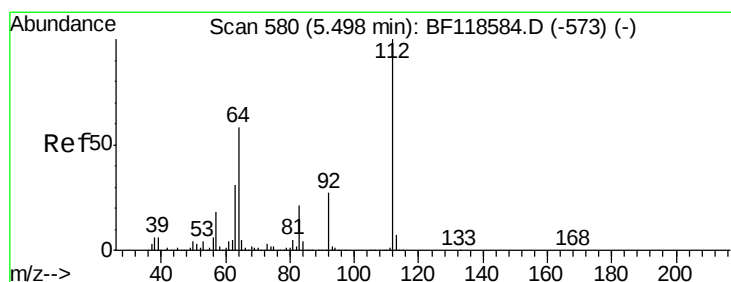
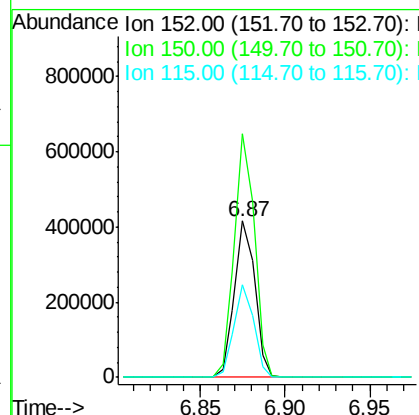
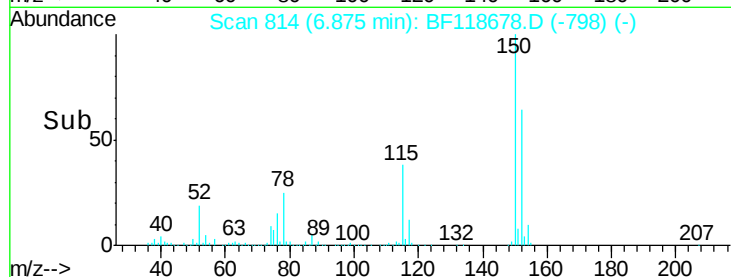
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	59.3	48.4	72.6



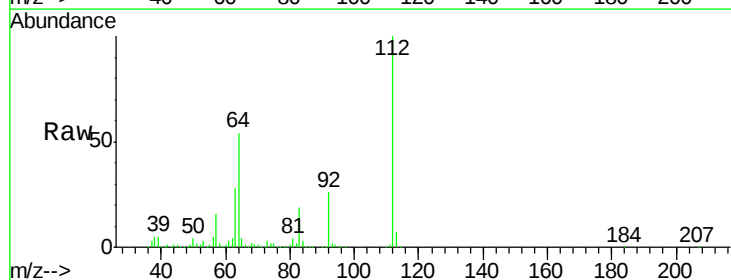
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



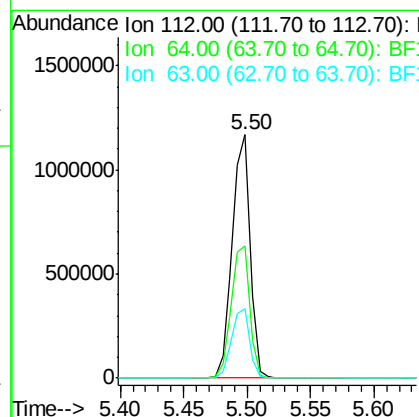
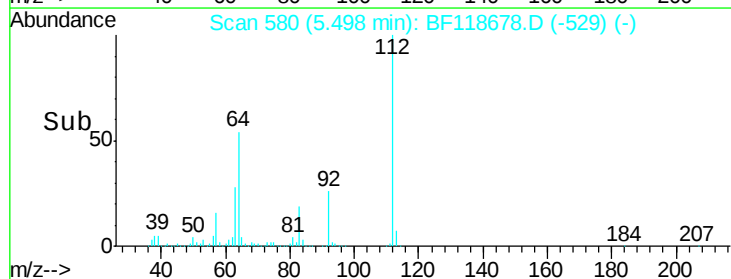
#5

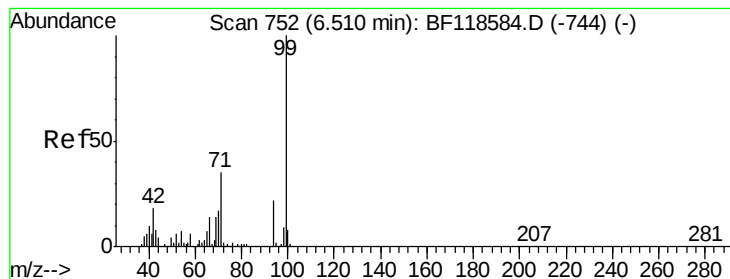
2-Fluorophenol
 Concen: 60.733 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.6	70.0
63	28.3	25.1	37.7



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: 39.168 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

BNA_F

ClientSampleId :

55-ST-25

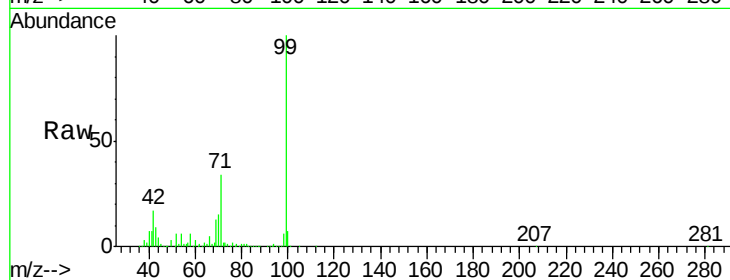
Tot Ion: 99 Resp: 954907

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

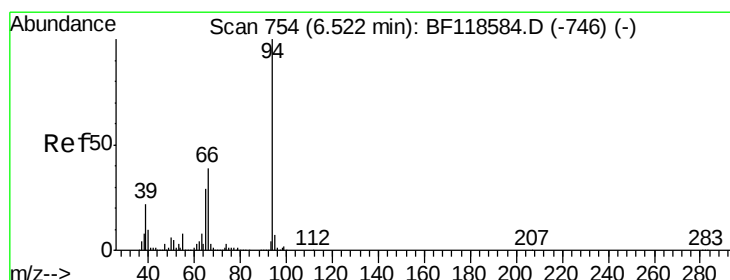
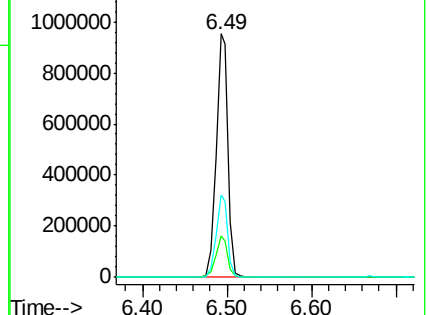
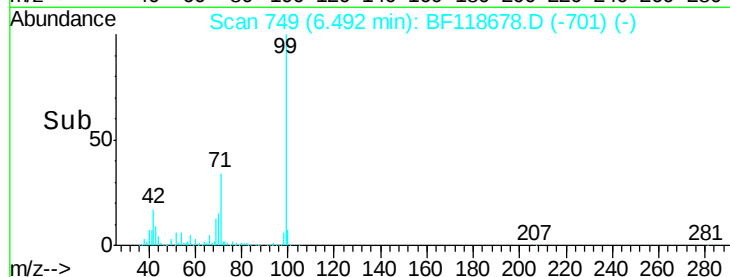
71 33.7 27.8 41.6



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



#10

Phenol

Concen: 11.469 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

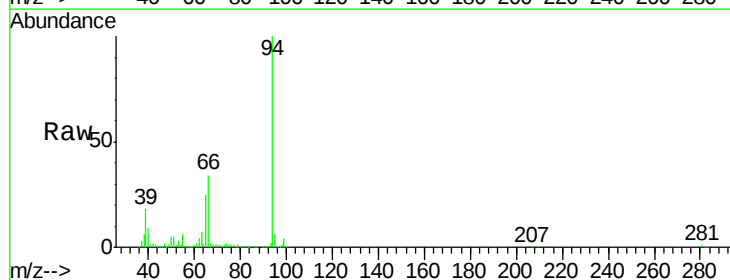
Tgt Ion: 94 Resp: 318660

Ion Ratio Lower Upper

94 100

65 25.1 9.5 49.5

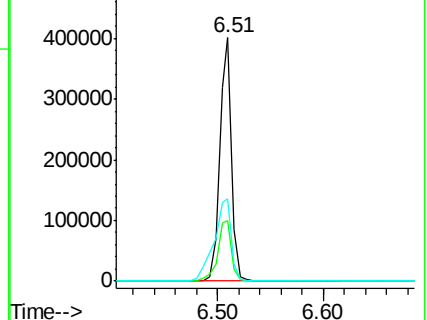
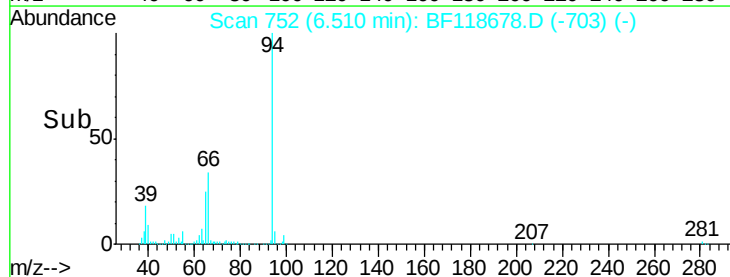
66 33.7 18.5 58.5



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

BNA_F

ClientSampleId :

55-ST-25

Tot Ion:136 Resp: 1268906

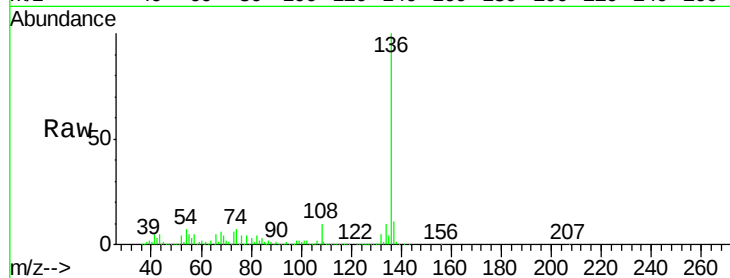
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.2 5.8 8.6

68 6.3 5.0 7.4

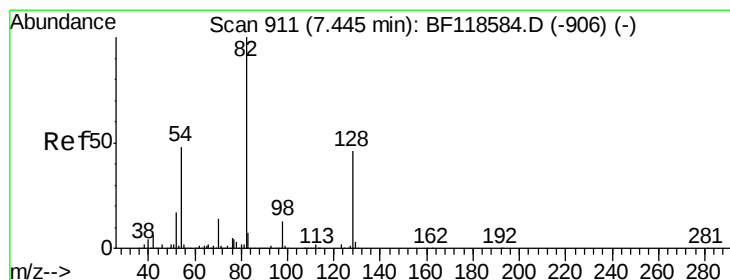
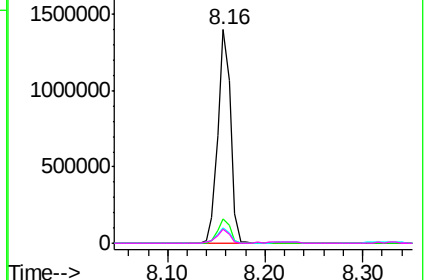
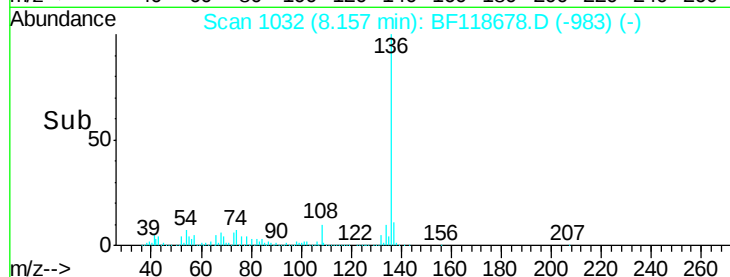


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.604 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

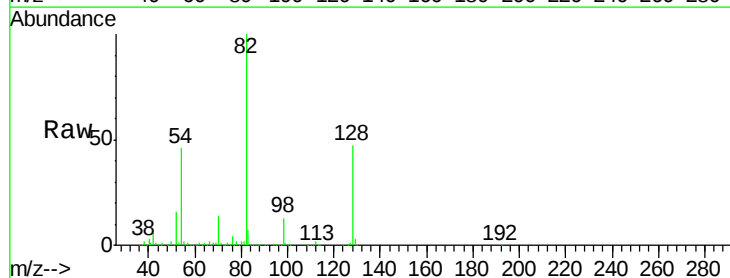
Tgt Ion: 82 Resp: 1851256

Ion Ratio Lower Upper

82 100

128 46.6 36.6 54.8

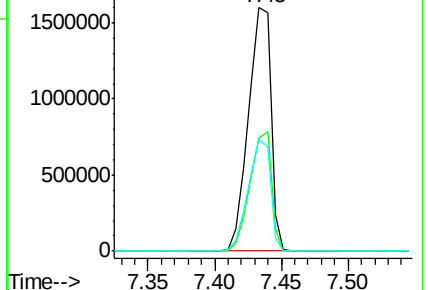
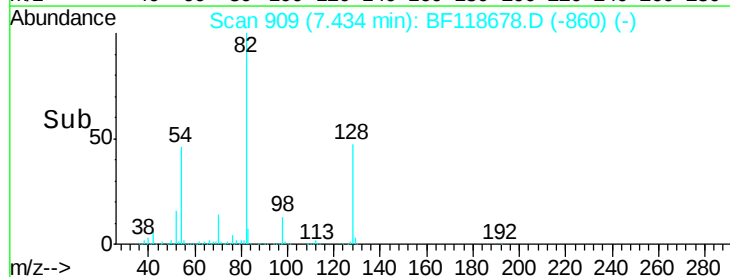
54 46.0 38.0 57.0

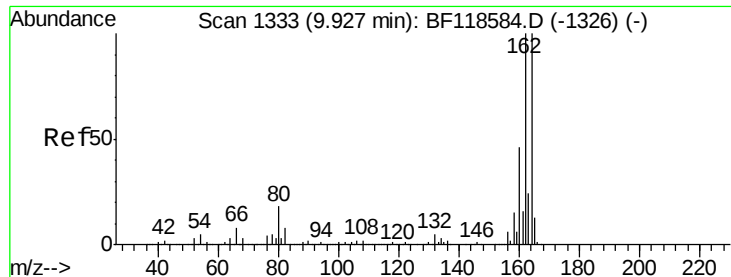


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

BNA_F

ClientSampleId :

55-ST-25

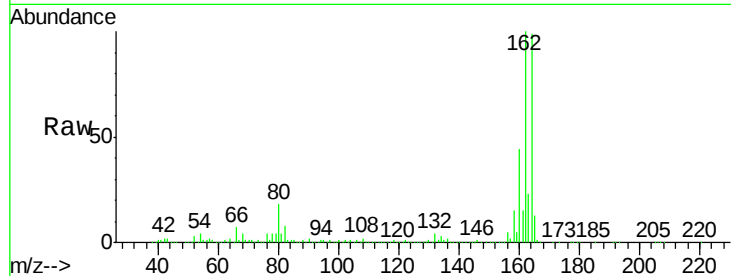
Tot Ion:164 Resp: 739296

Ion Ratio Lower Upper

164 100

162 101.4 80.4 120.6

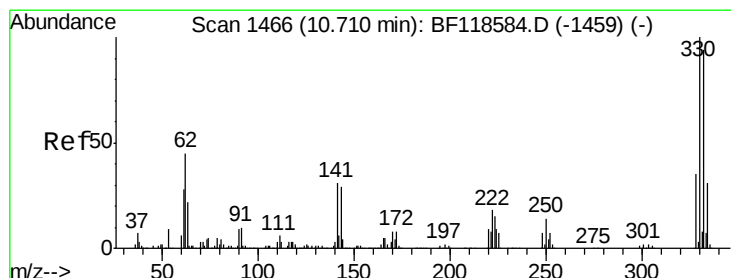
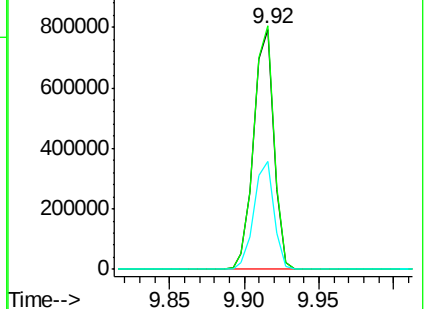
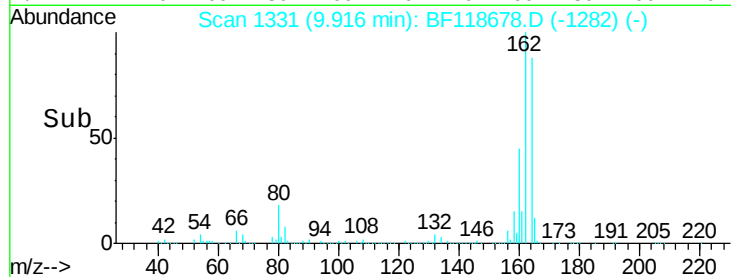
160 45.0 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 88.445 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

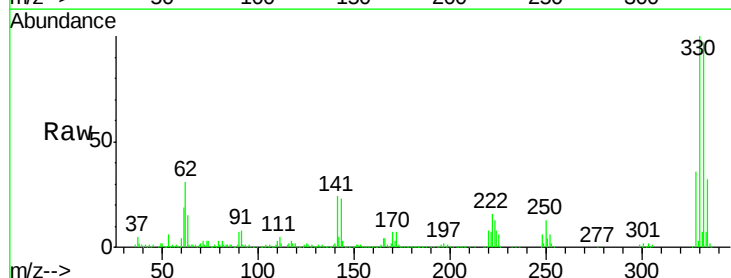
Tgt Ion:330 Resp: 756283

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

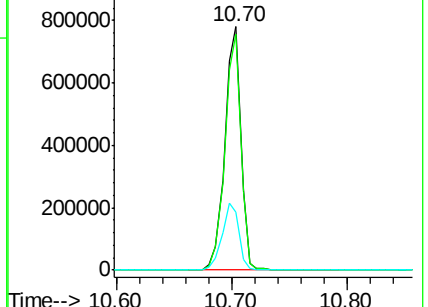
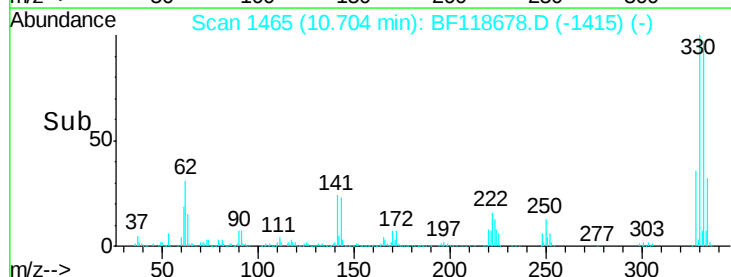
141 28.3 23.9 35.9

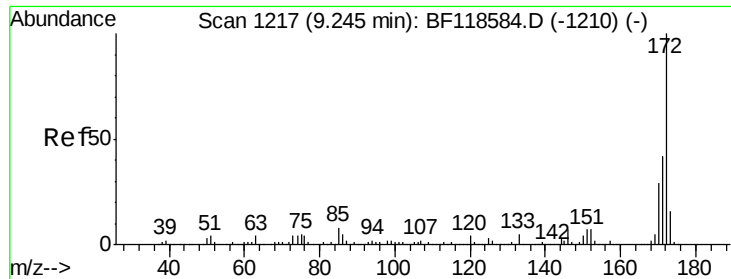


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



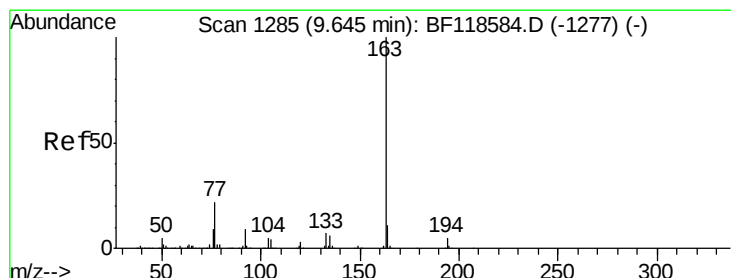
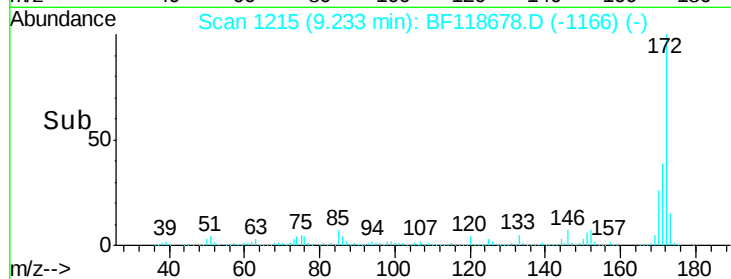
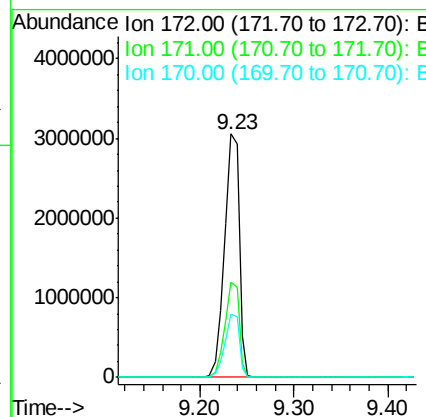
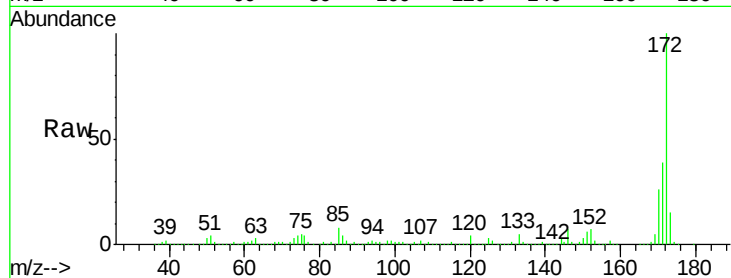


#45
 2-Fluorobiphenyl
 Concen: 75.106 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-25

Tot Ion:172 Resp: 3378276

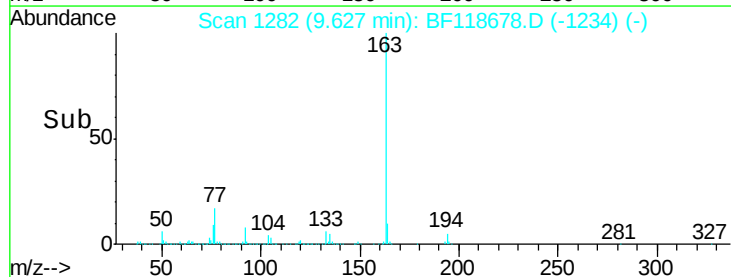
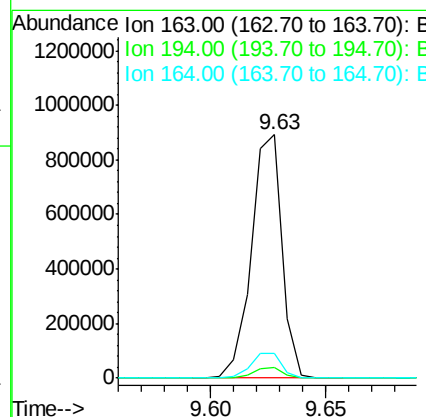
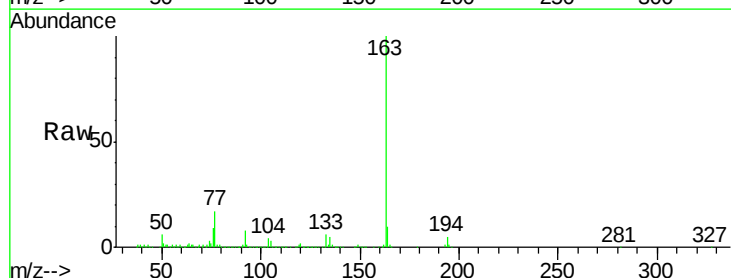
Ion	Ratio	Lower	Upper
172	100		
171	38.8	33.4	50.2
170	26.0	23.2	34.8

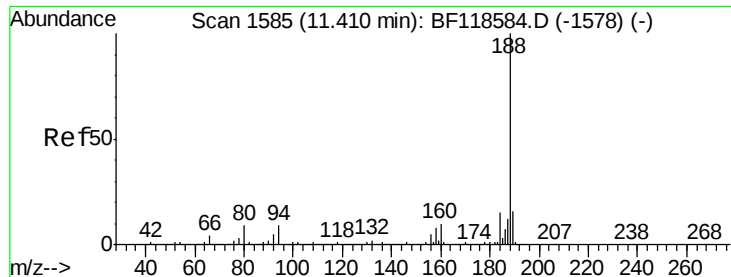


#50
 Dimethylphthalate
 Concen: 17.266 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF118678.D
 Acq: 23 Jan 2020 16:37

Tgt Ion:163 Resp: 831643

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	10.2	9.1	13.7

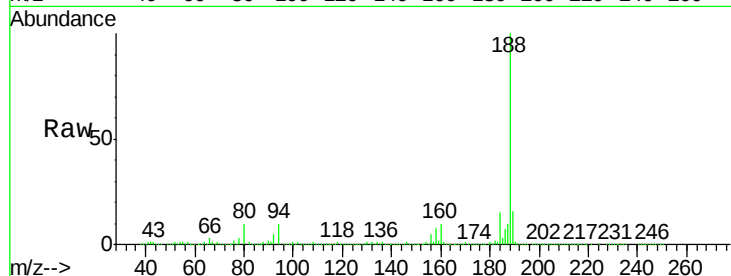




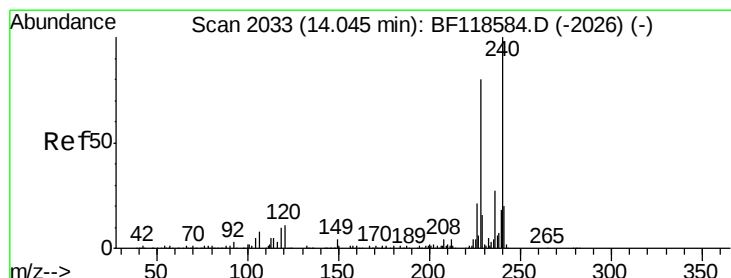
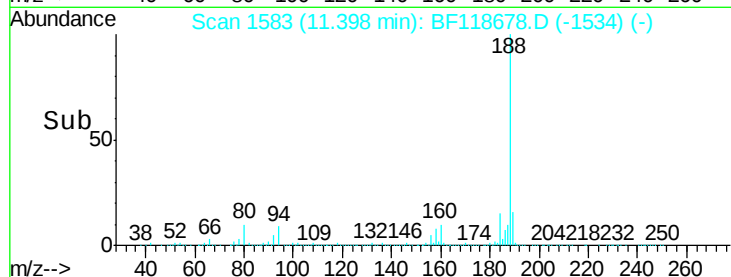
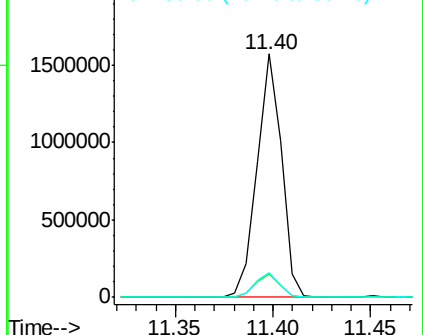
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Instrument :
BNA_F
ClientSampleId :
55-ST-25

Tot Ion:188 Resp: 1373203
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.1 7.5 11.3

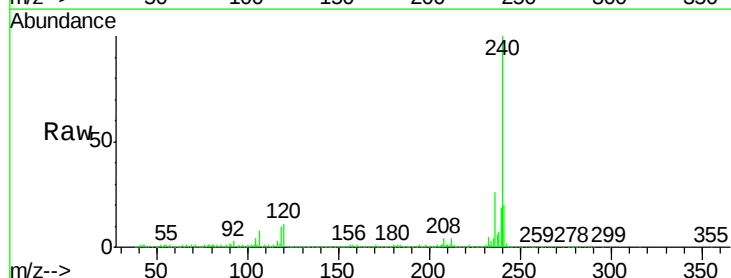


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

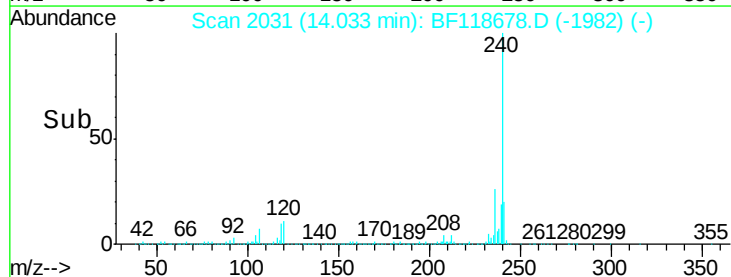
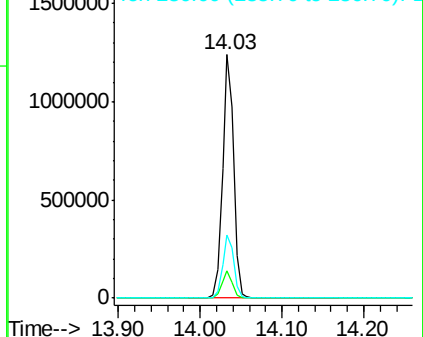


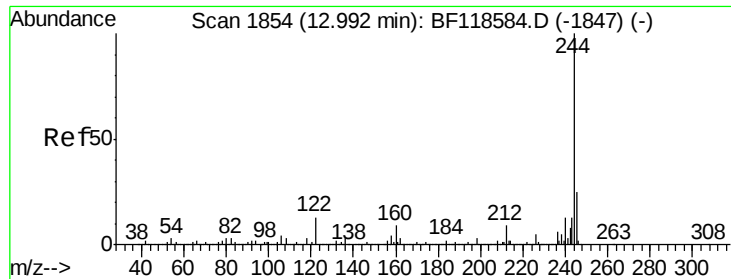
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Tgt Ion:240 Resp: 1164073
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.8 21.5 32.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.887 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Instrument :

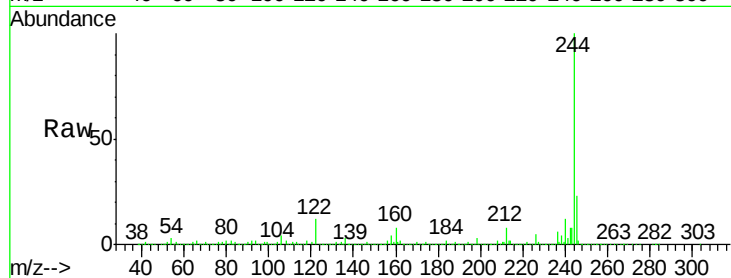
BNA_F

ClientSampleId :

55-ST-25

Tot Ion:244 Resp: 4156935

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	11.7	10.7	16.1

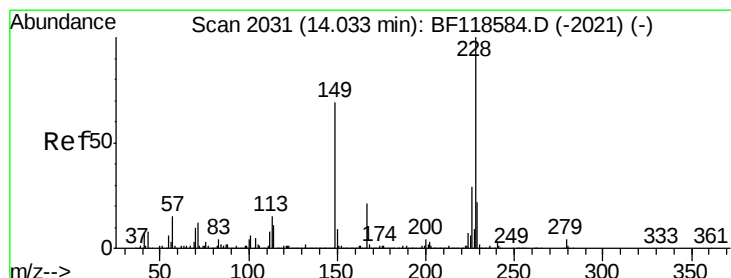
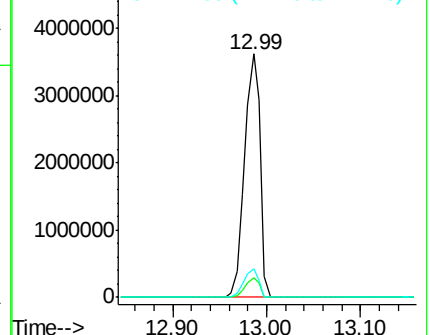
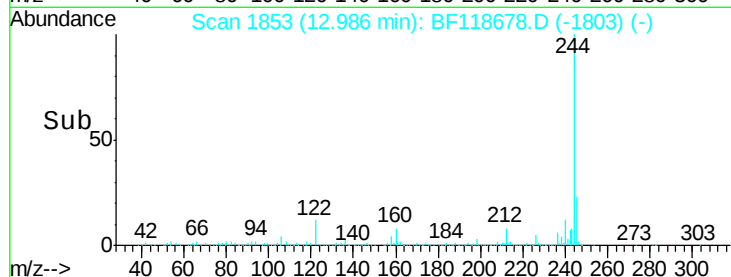


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.420 ng

RT: 14.02 min Scan# 2028

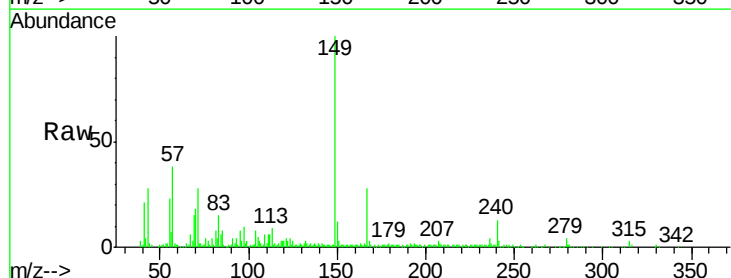
Delta R.T. -0.02 min

Lab File: BF118678.D

Acq: 23 Jan 2020 16:37

Tgt Ion:149 Resp: 95609

Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.2	36.4
279	4.4	5.0	7.4

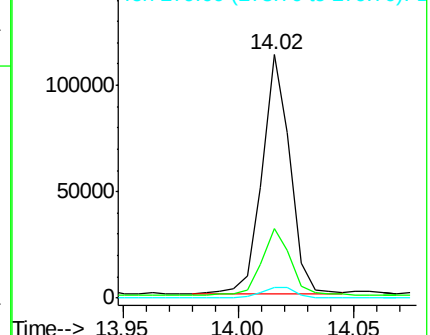
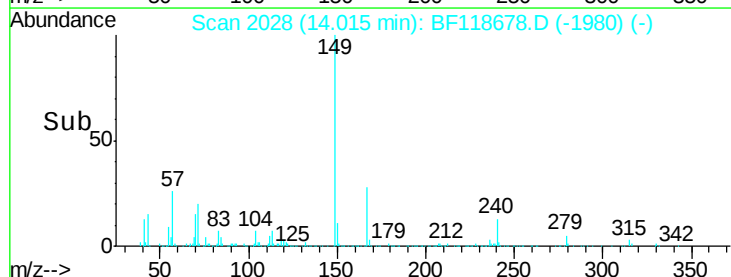


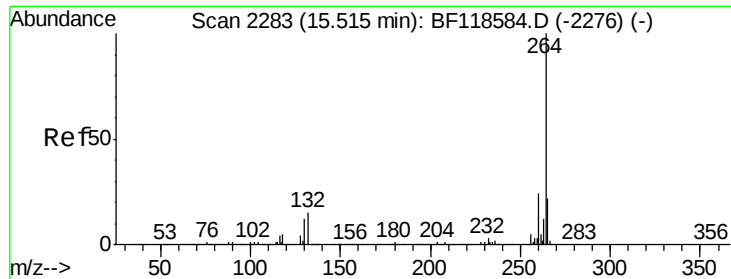
Abundance

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118678.D
Acq: 23 Jan 2020 16:37

Instrument :
BNA_F
ClientSampleId :
55-ST-25

Tot Ion:264 Resp: 1146295

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.4	17.7	26.5

