

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111682.D
 Acq On : 21 Dec 2018 12:48
 Operator : JU/SJ
 Sample : J6353-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0002-01

Quant Time: Dec 21 22:54:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

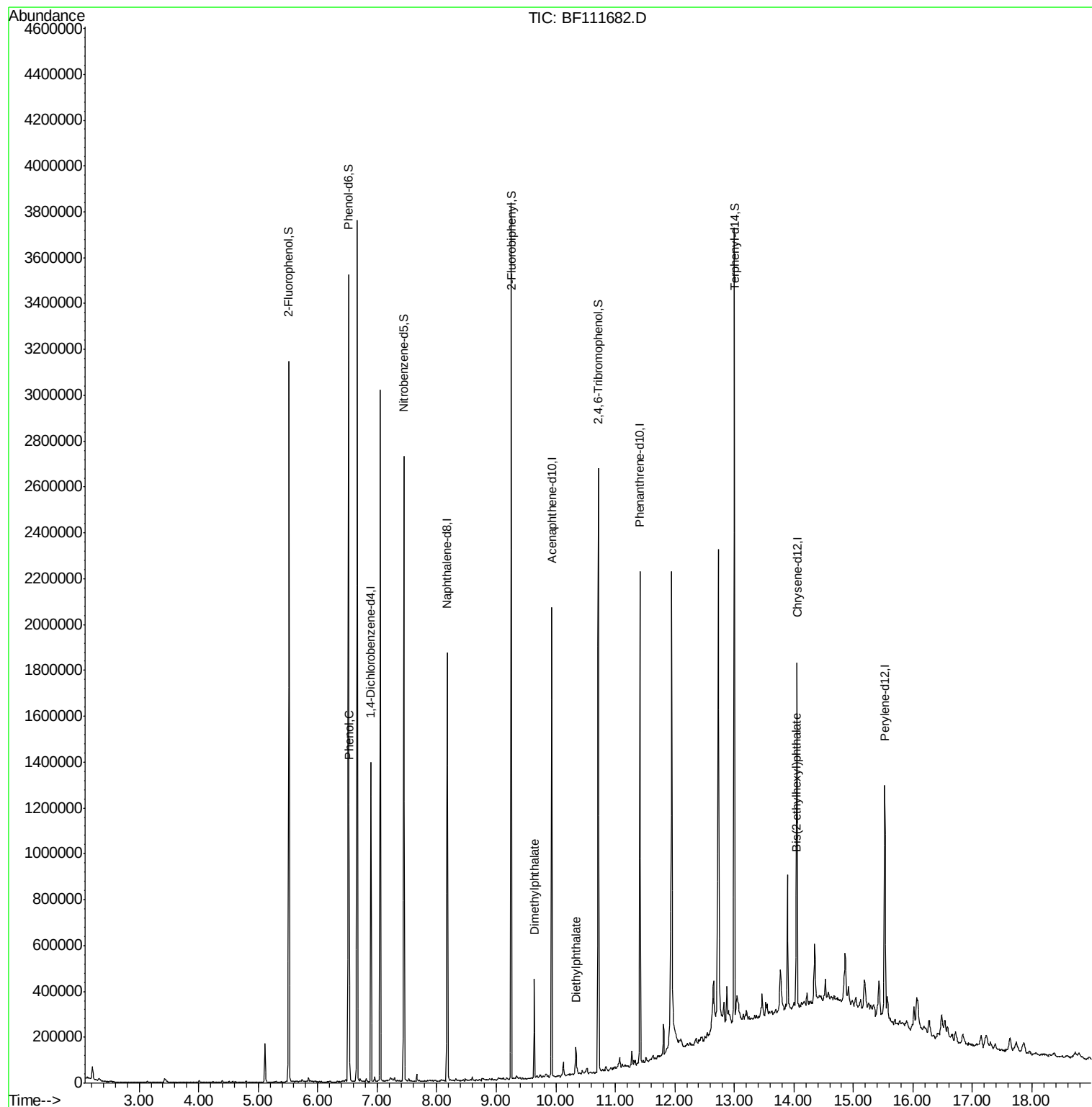
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	201002	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	774431	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	393991	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	732186	20.00	ng	0.00
76) Chrysene-d12	14.05	240	506962	20.00	ng	0.00
87) Perylene-d12	15.53	264	476334	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	855031	72.51	ng	0.00
7) Phenol-d6	6.52	99	1118187	74.51	ng	0.00
23) Nitrobenzene-d5	7.45	82	793534	59.64	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	303154	65.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1076523	39.83	ng	0.00
79) Terphenyl-d14	13.00	244	1100280	41.16	ng	0.00
Target Compounds						
10) Phenol	6.53	94	90695	5.356	ng	96
50) Dimethylphthalate	9.64	163	146181	5.074	ng	97
60) Diethylphthalate	10.33	149	59975	2.122	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	41669	2.267	ng	# 97

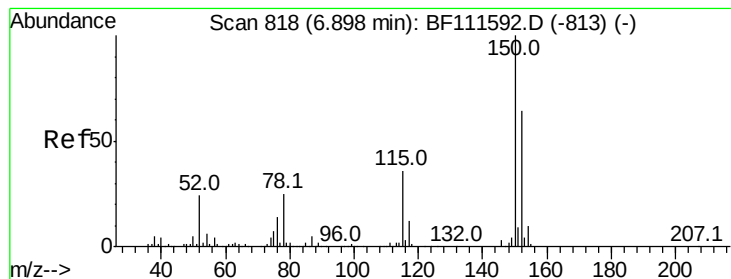
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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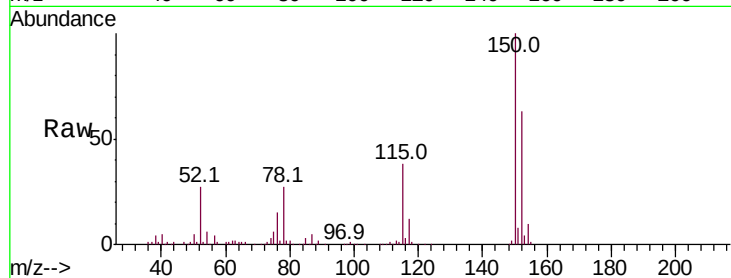


#1

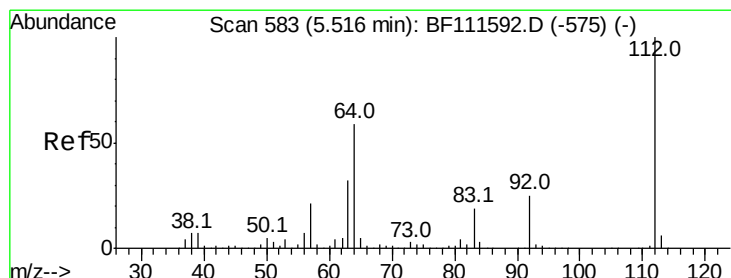
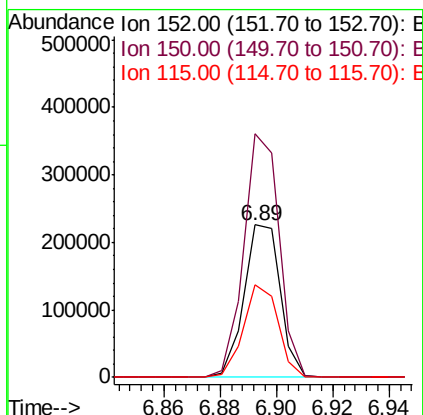
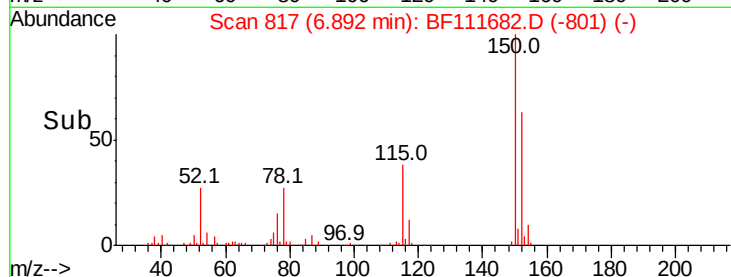
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF111682.D
 Acq: 21 Dec 2018 12:48

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0002-01

Tot Ion:152 Resp: 201002
 Ion Ratio Lower Upper
 152 100
 150 159.9 126.6 189.8
 115 60.8 50.7 76.1



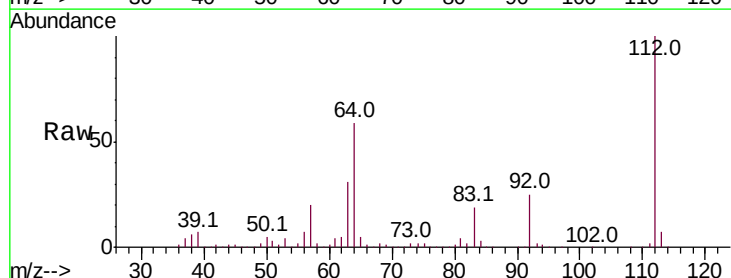
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



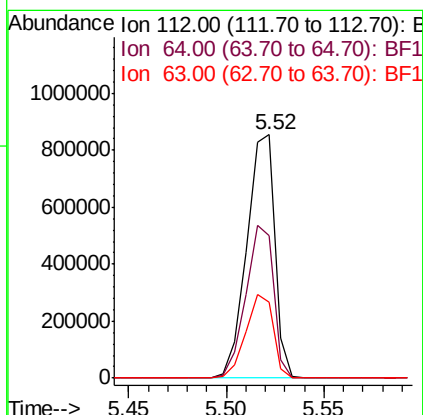
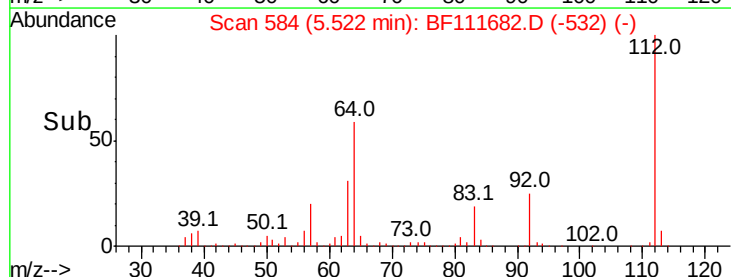
#5

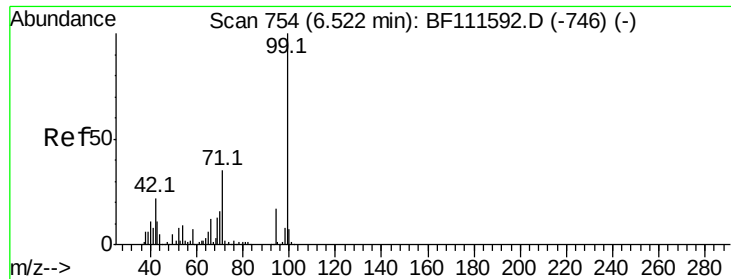
2-Fluorophenol
 Concen: 72.508 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF111682.D
 Acq: 21 Dec 2018 12:48

Tgt Ion:112 Resp: 855031
 Ion Ratio Lower Upper
 112 100
 64 58.5 51.8 77.6
 63 31.1 26.8 40.2



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: 74.509 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

Instrument :

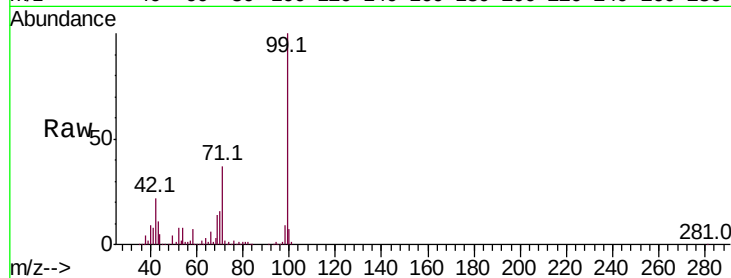
BNA_F

ClientSampleId :

P001-SS003-0002-01

Tot Ion: 99 Resp: 1118187

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	36.6	26.1	39.1

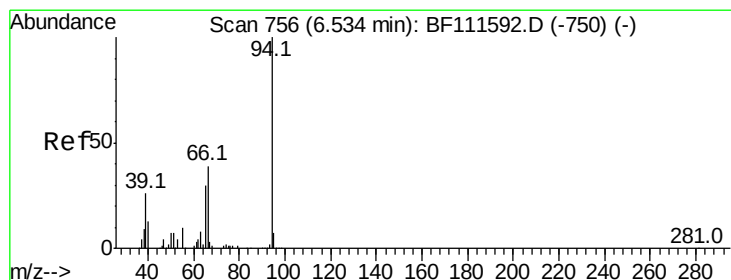
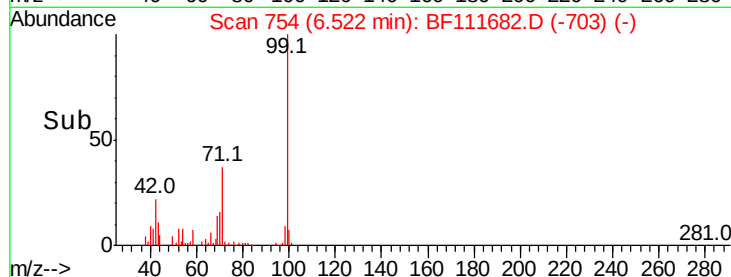
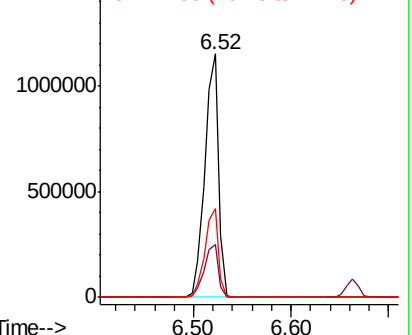


Abundance

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: 5.356 ng

RT: 6.53 min Scan# 756

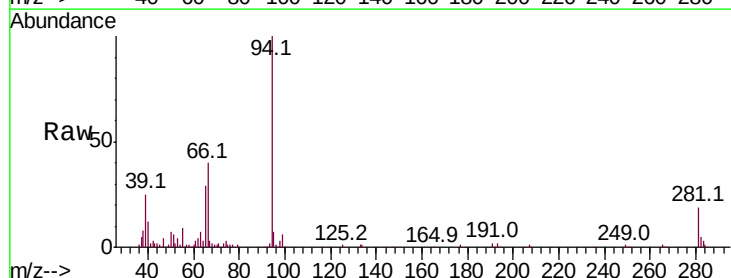
Delta R.T. -0.00 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

Tgt Ion: 94 Resp: 90695

Ion	Ratio	Lower	Upper
94	100		
65	28.6	11.7	51.7
66	39.6	21.0	61.0

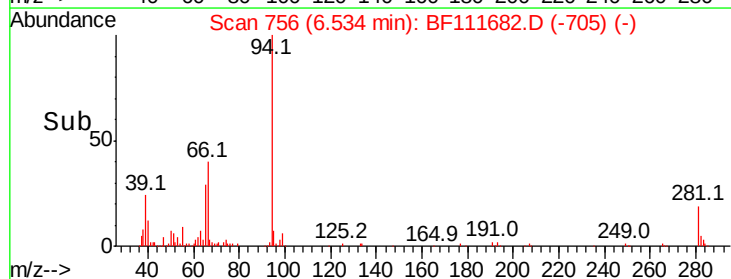
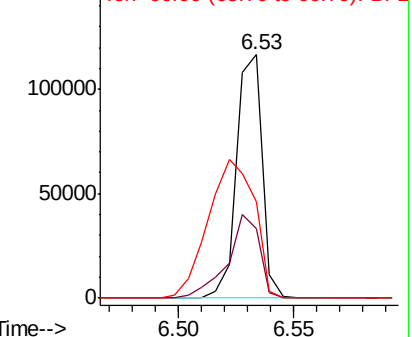


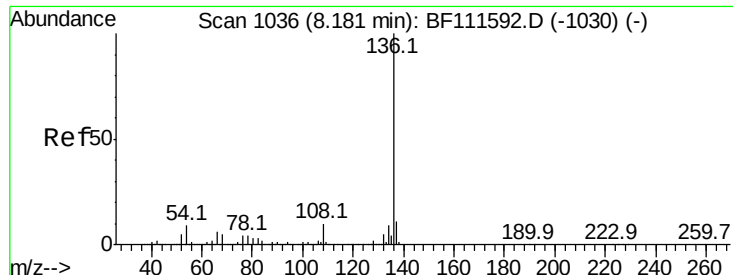
Abundance

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

Tot Ion:136 Resp: 774431

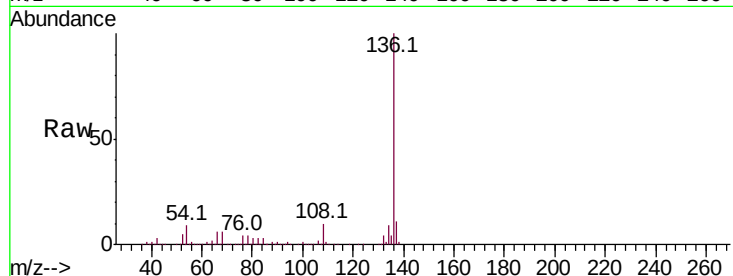
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.3 7.7 11.5

68 5.5 4.9 7.3

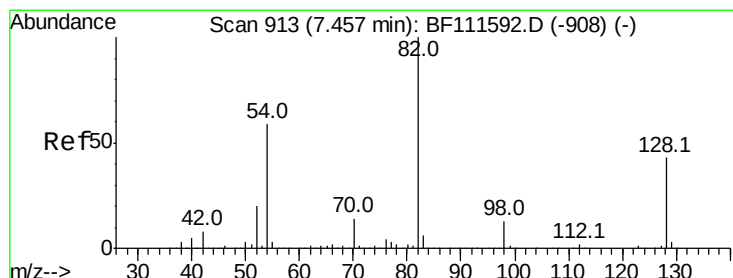
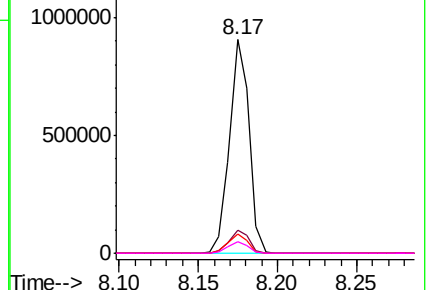
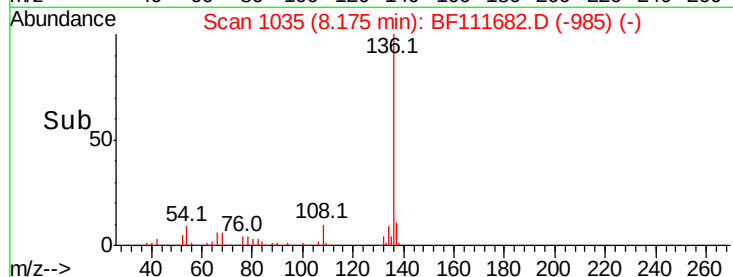


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.644 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

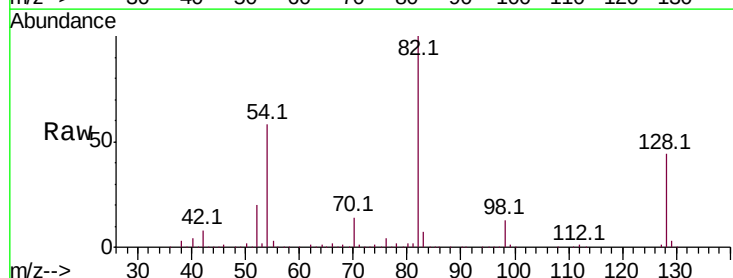
Tgt Ion: 82 Resp: 793534

Ion Ratio Lower Upper

82 100

128 44.4 37.4 56.2

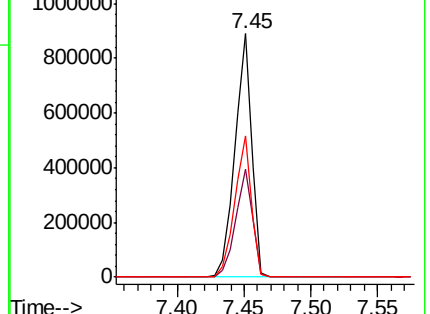
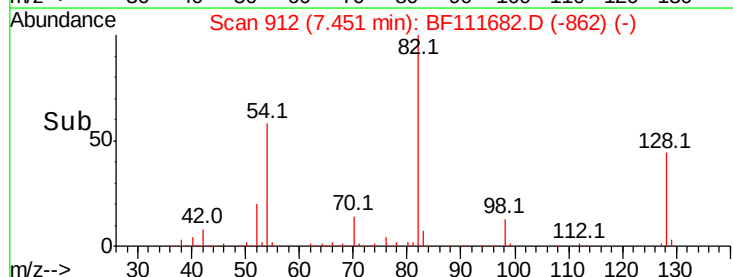
54 58.0 47.6 71.4

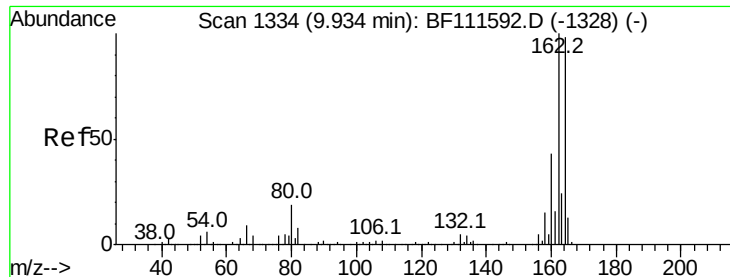


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

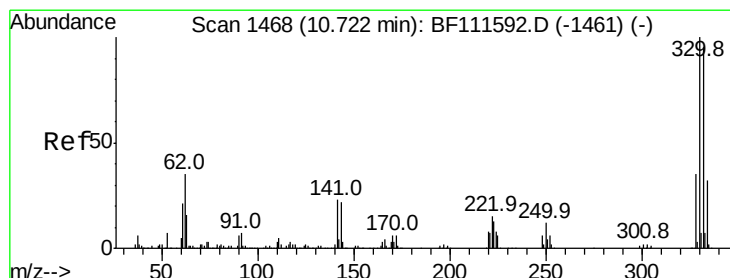
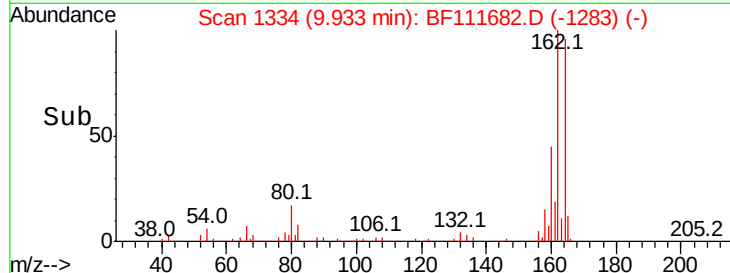
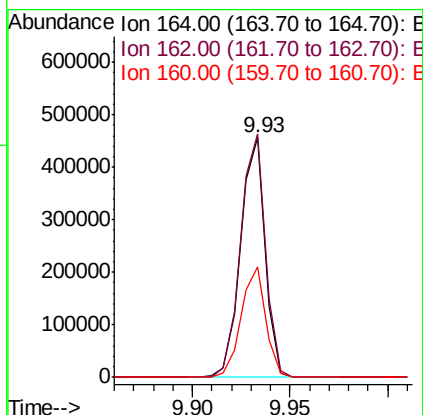
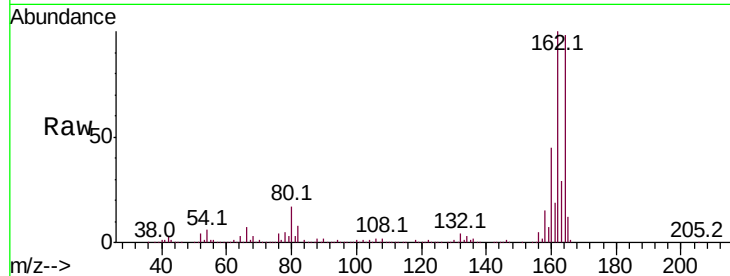




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111682.D
 Acq: 21 Dec 2018 12:48

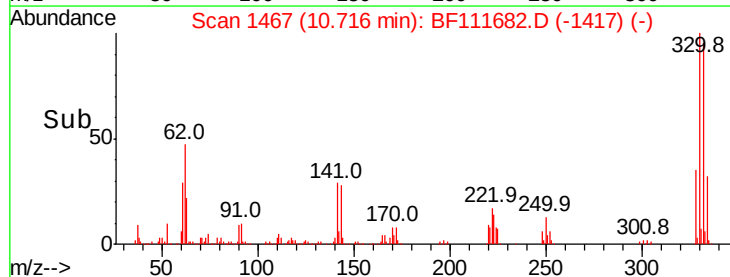
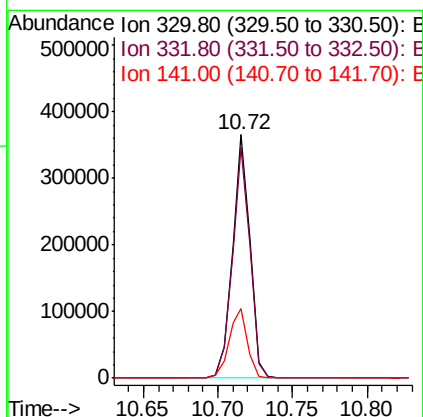
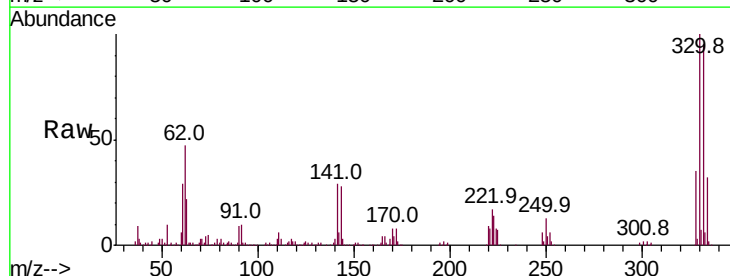
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS003-0002-01

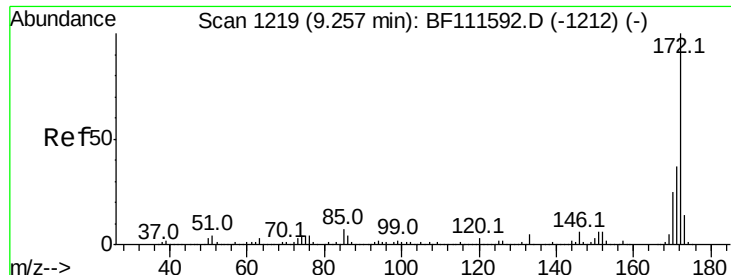
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.4	122.0
160	46.1	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 65.120 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111682.D
 Acq: 21 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.0	114.0
141	30.1	31.0	46.6#

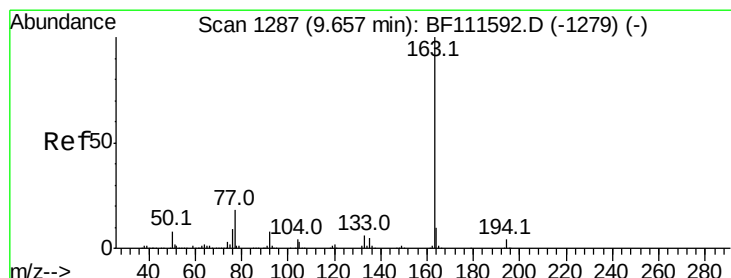
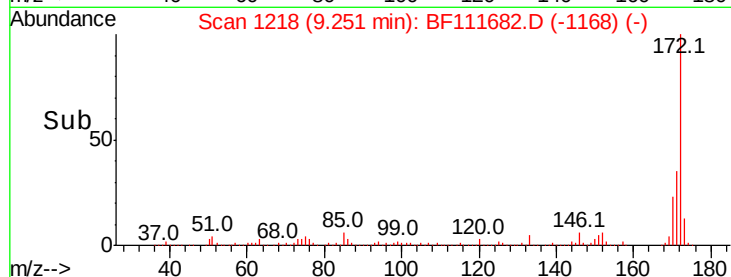
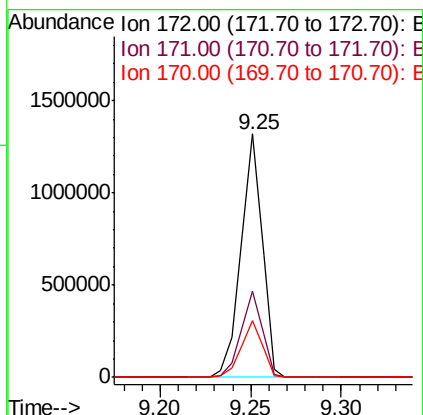
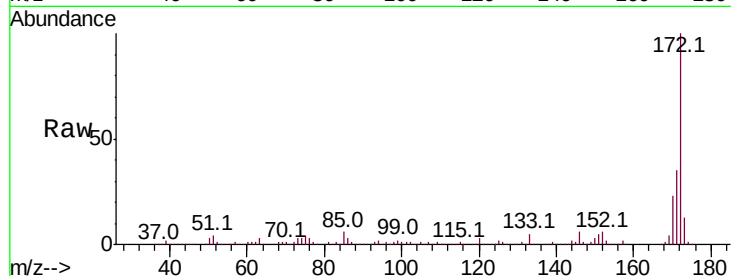




#45
2-Fluorobiphenyl
Concen: 39.826 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

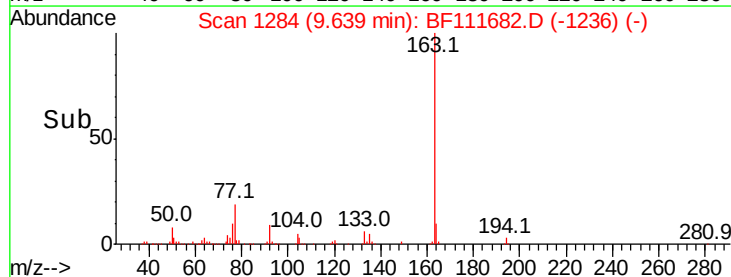
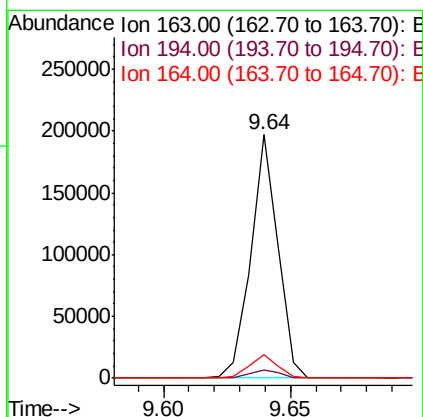
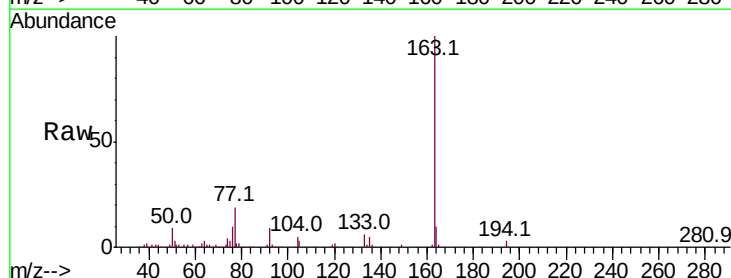
Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

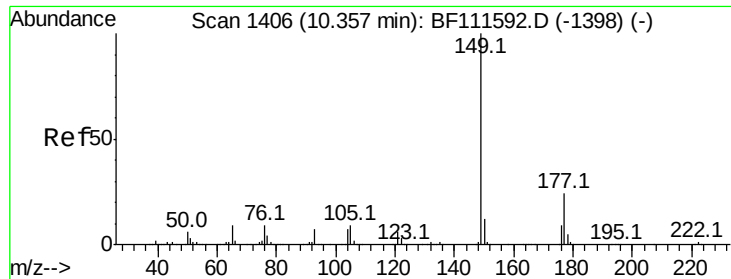
Tot Ion:172 Resp: 1076523
Ion Ratio Lower Upper
172 100
171 35.5 33.0 49.4
170 23.4 22.3 33.5



#50
Dimethylphthalate
Concen: 5.074 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

Tgt Ion:163 Resp: 146181
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 9.7 8.9 13.3

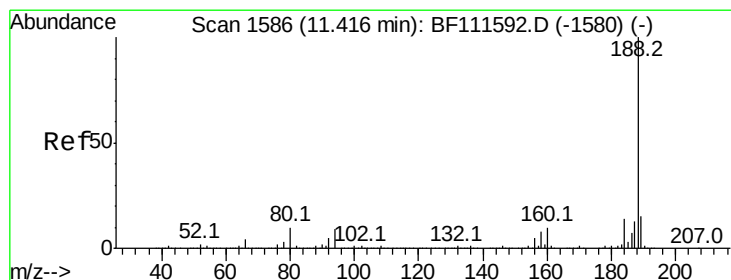
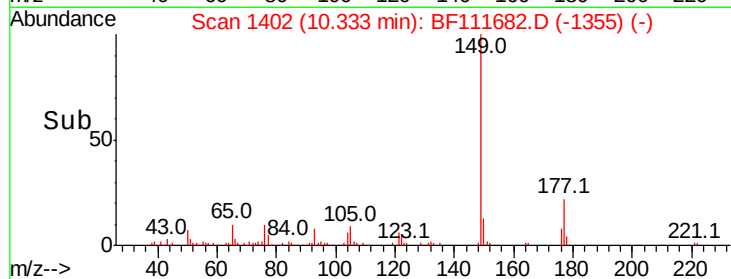
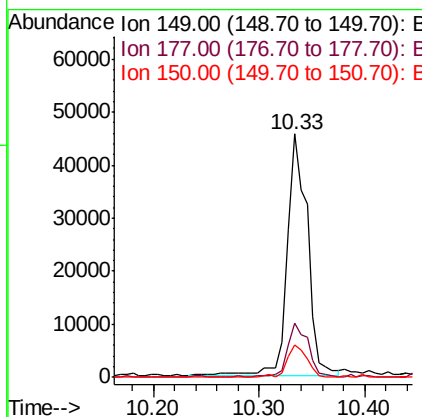
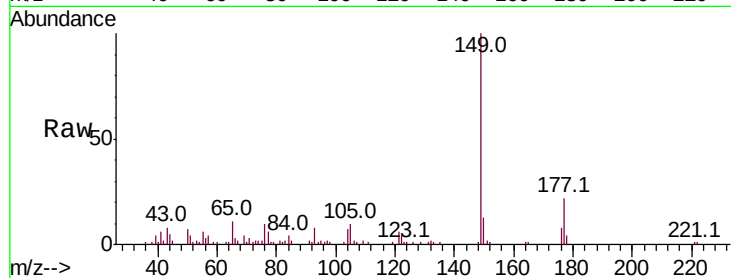




#60
Diethylphthalate
Concen: 2.122 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

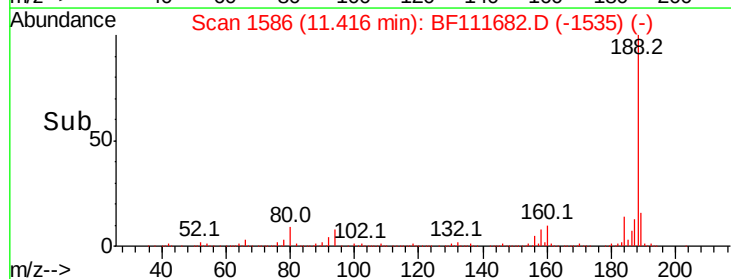
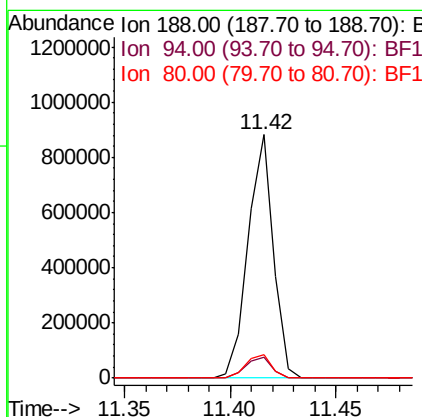
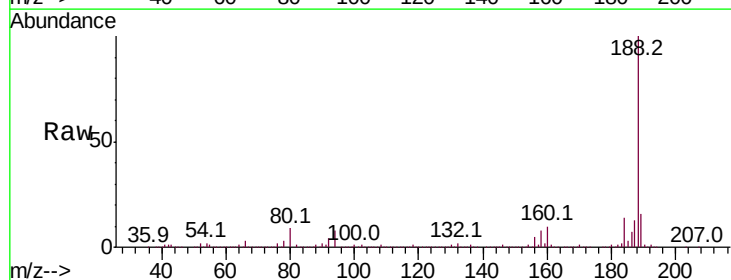
Instrument :
BNA_F
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P001-SS003-0002-01

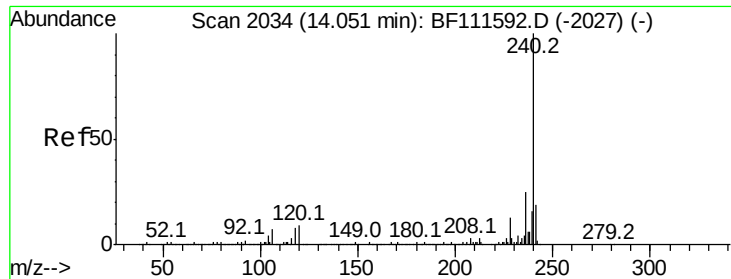
Tot Ion:149 Resp: 59975
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 13.2 10.6 15.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

Tgt Ion:188 Resp: 732186
Ion Ratio Lower Upper
188 100
94 8.4 9.6 14.4#
80 9.4 9.8 14.6#

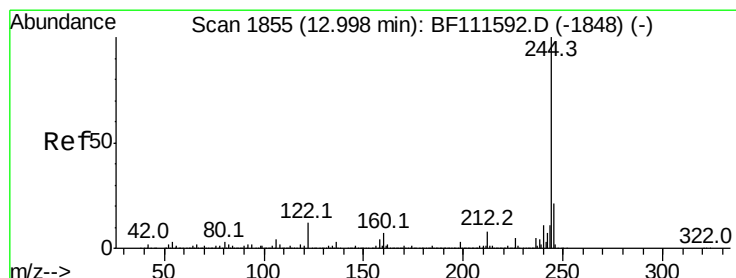
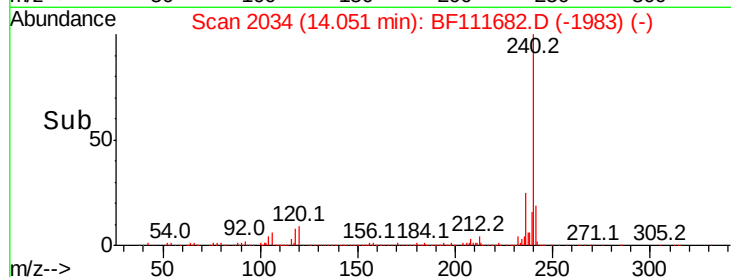
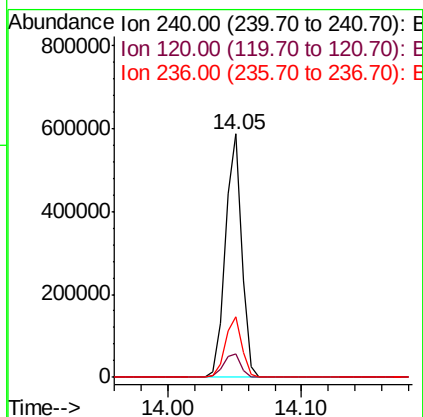
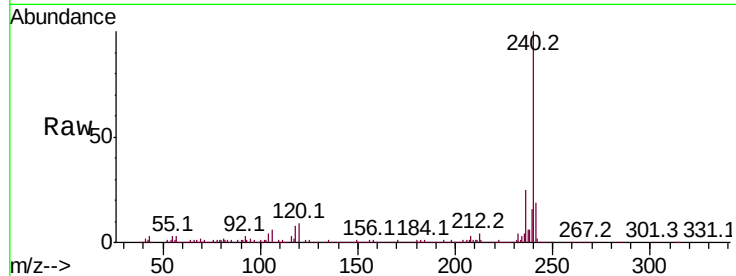




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

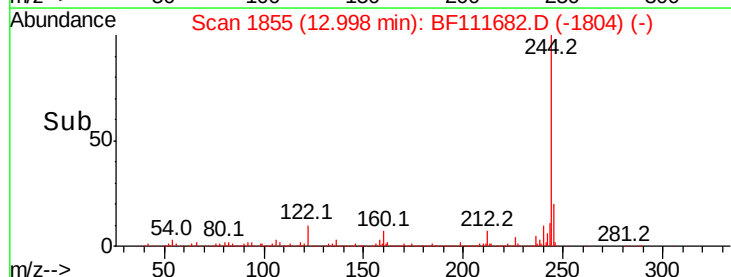
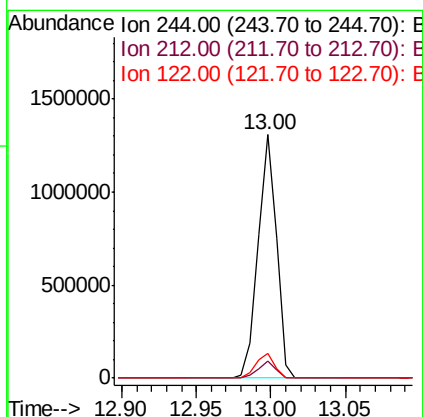
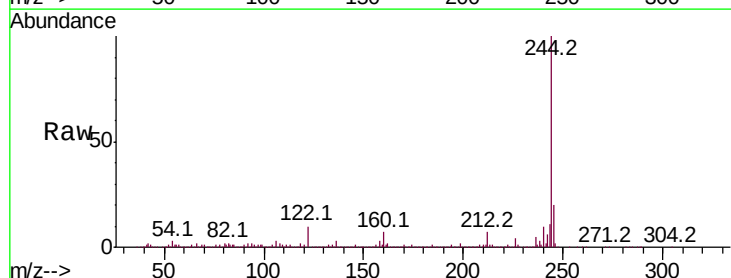
Instrument :
BNA_F
ClientSampleId :
P001-SS003-0002-01

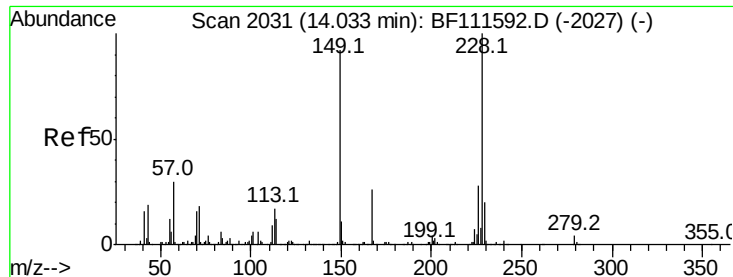
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.2	18.2#
236	25.0	20.2	30.2



#79
Terphenyl-d14
Concen: 41.159 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111682.D
Acq: 21 Dec 2018 12:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.2	13.1	19.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.267 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

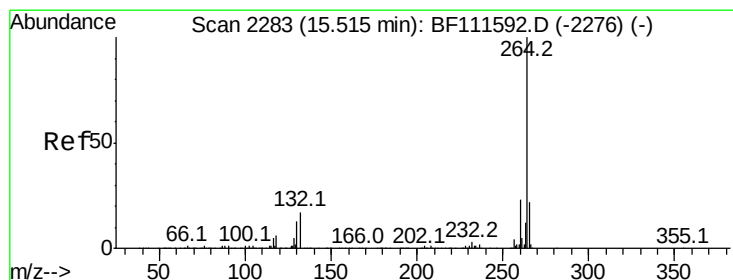
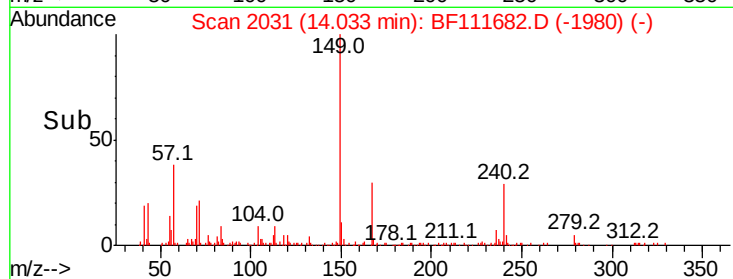
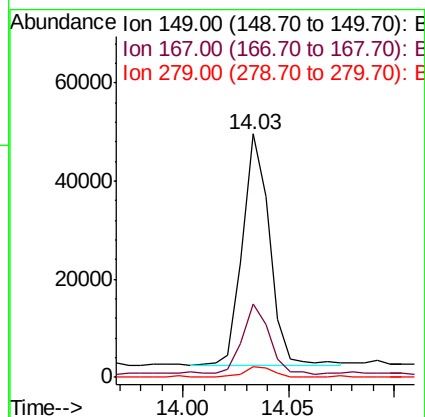
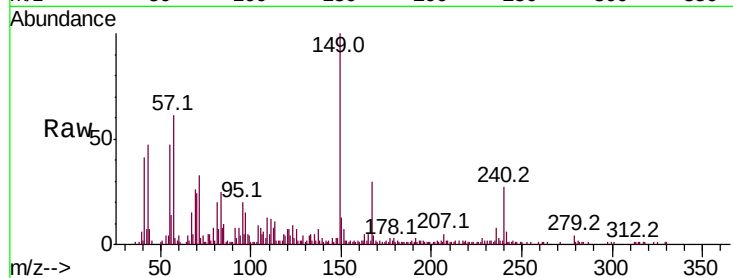
Tot Ion:149 Resp: 41669

Ion Ratio Lower Upper

149 100

167 29.9 22.5 33.7

279 4.5 2.6 4.0#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BF111682.D

Acq: 21 Dec 2018 12:48

Tgt Ion:264 Resp: 476334

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 20.9 17.7 26.5

