

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111645.D
 Acq On : 20 Dec 2018 18:15
 Operator : JU/SJ
 Sample : J6353-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 21 06:45:26 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

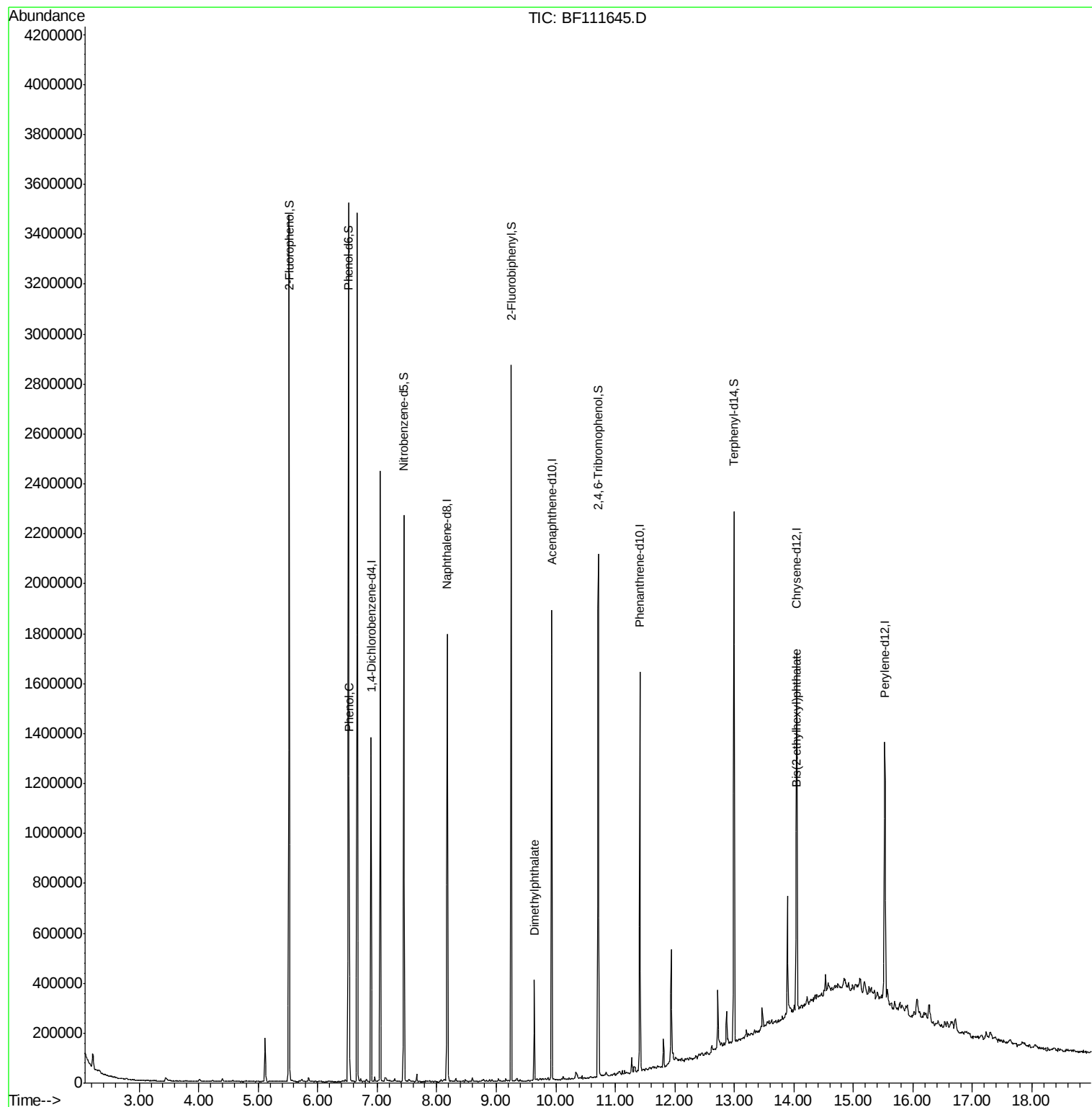
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205798	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	765838	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	368266	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	604347	20.00	ng	0.00
76) Chrysene-d12	14.04	240	495431	20.00	ng	0.00
87) Perylene-d12	15.53	264	495264	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	862521	71.44	ng	0.00
7) Phenol-d6	6.52	99	1116756	72.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	660556	50.21	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	259802	59.71	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	810316	32.07	ng	0.00
79) Terphenyl-d14	12.99	244	701370	26.85	ng	0.00
Target Compounds						
10) Phenol	6.53	94	93106	5.370	ng	93
50) Dimethylphthalate	9.64	163	136297	5.061	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	40121	2.233	ng	# 93

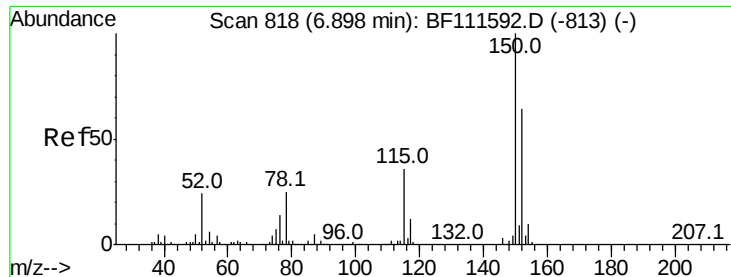
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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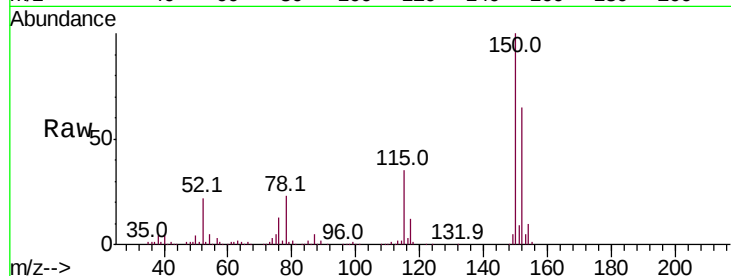


#1

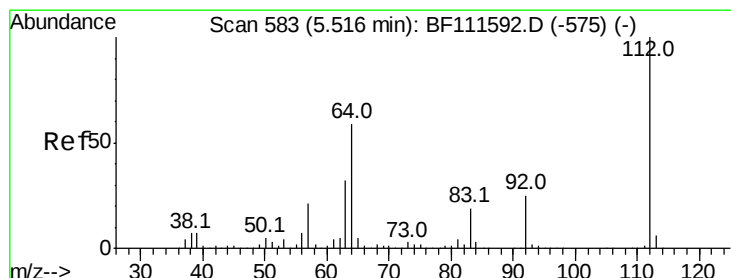
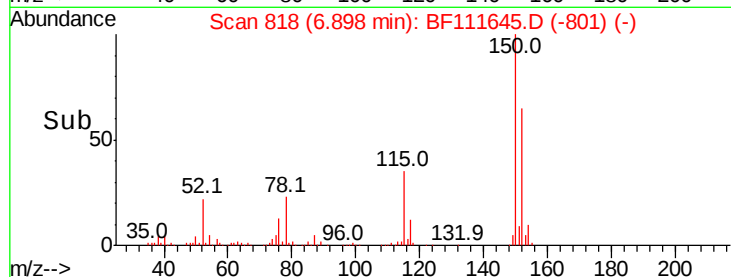
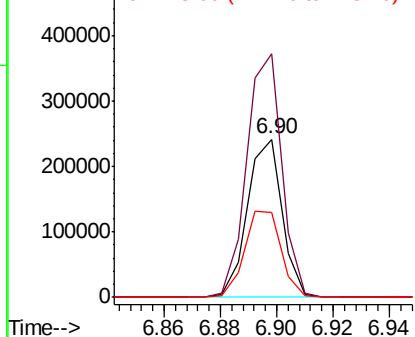
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

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

Tot Ion:152 Resp: 205798
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 54.0 50.7 76.1



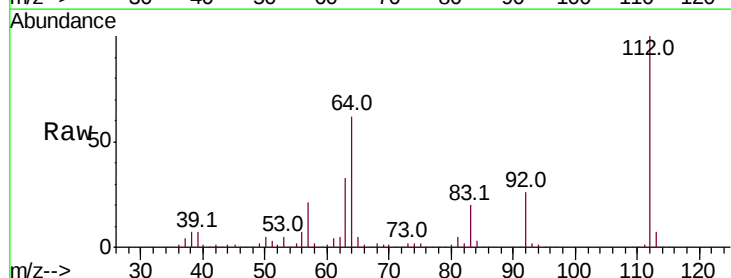
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



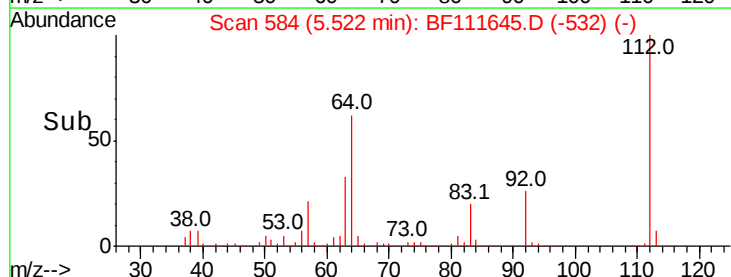
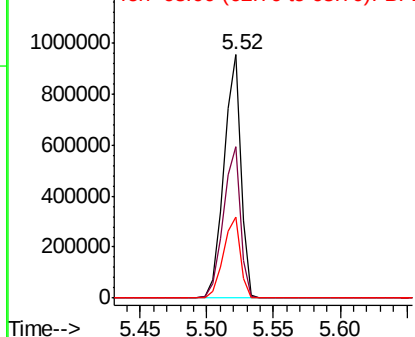
#5

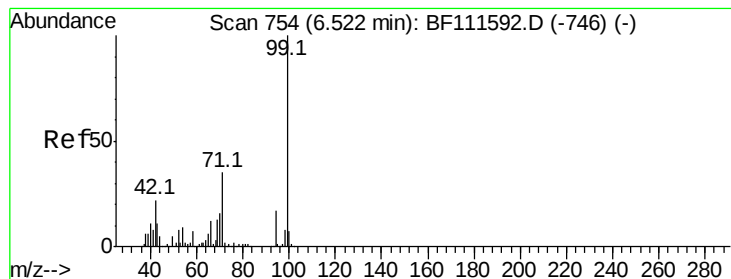
2-Fluorophenol
Concen: 71.439 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion:112 Resp: 862521
Ion Ratio Lower Upper
112 100
64 62.4 51.8 77.6
63 33.1 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: 72.680 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

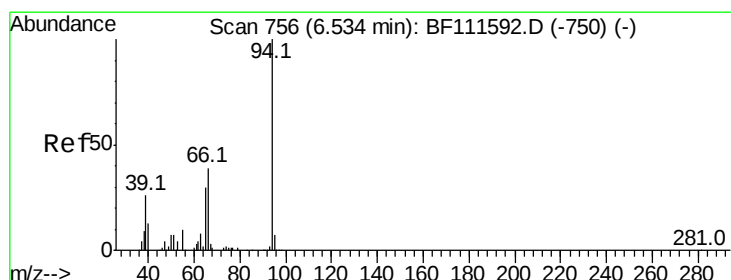
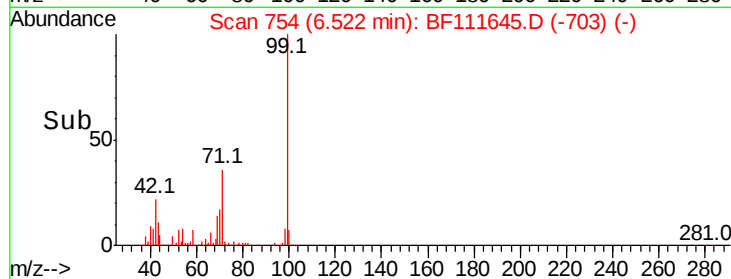
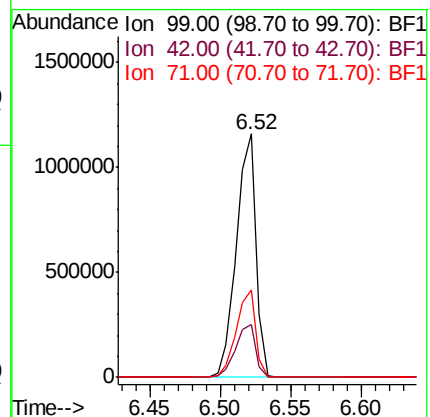
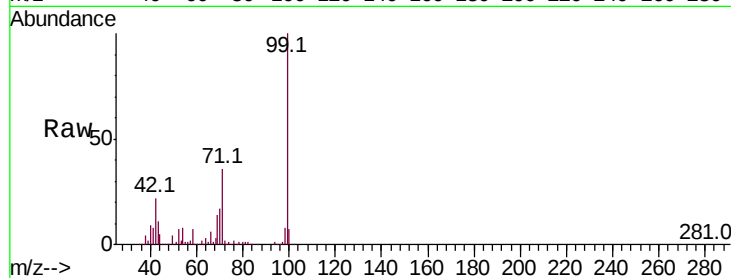
Tot Ion: 99 Resp: 1116756

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.0

71 35.8 26.1 39.1



#10

Phenol

Concen: 5.370 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

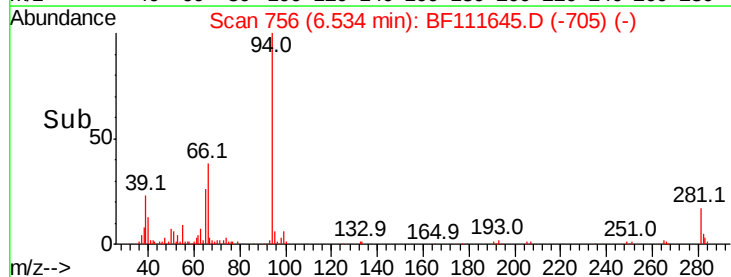
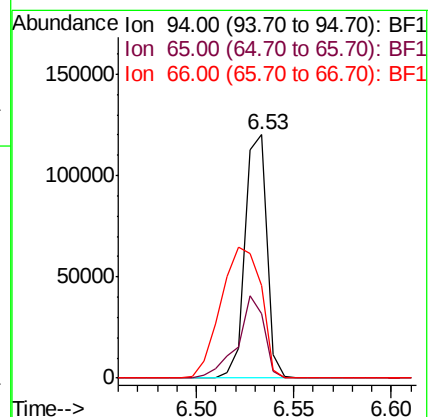
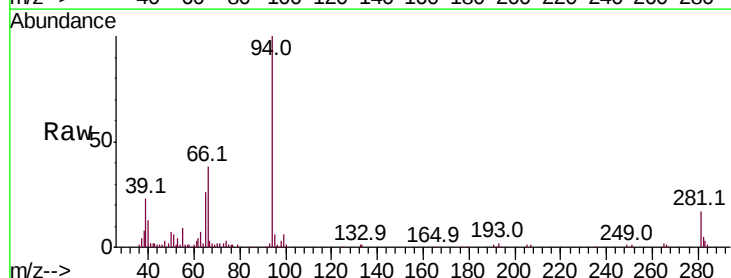
Tgt Ion: 94 Resp: 93106

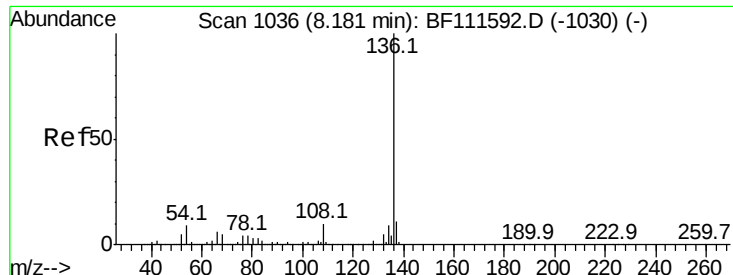
Ion Ratio Lower Upper

94 100

65 26.3 11.7 51.7

66 38.0 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

Tot Ion:136 Resp: 765838

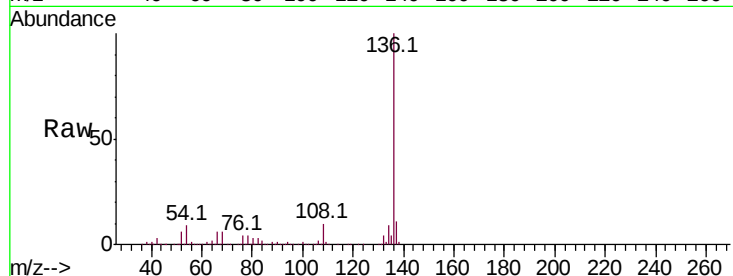
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.2 7.7 11.5

68 5.9 4.9 7.3

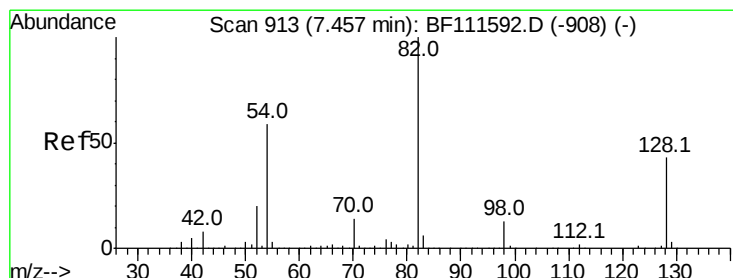
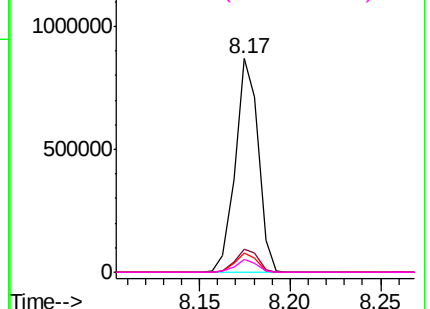
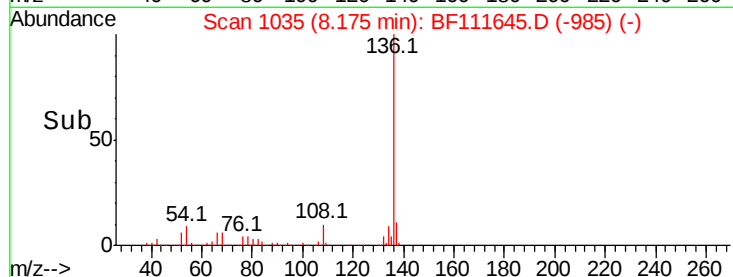


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.206 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

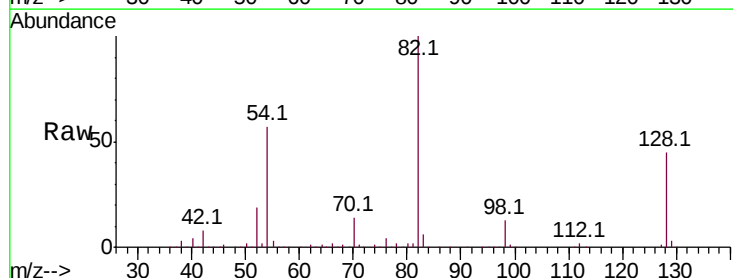
Tgt Ion: 82 Resp: 660556

Ion Ratio Lower Upper

82 100

128 45.0 37.4 56.2

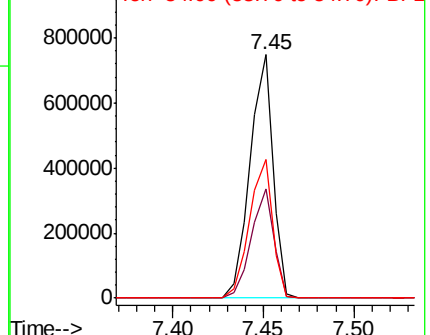
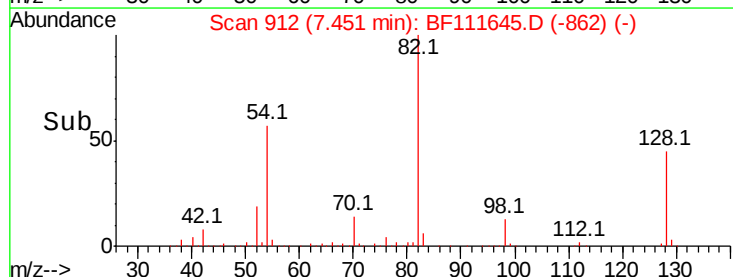
54 56.7 47.6 71.4

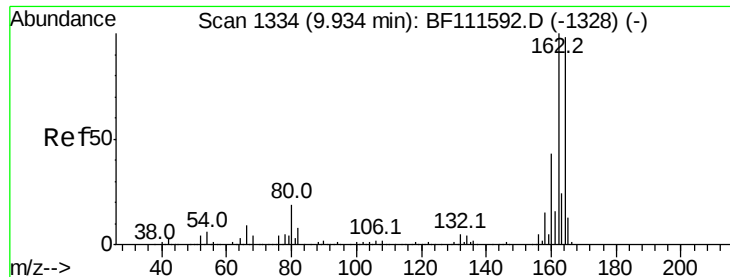


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

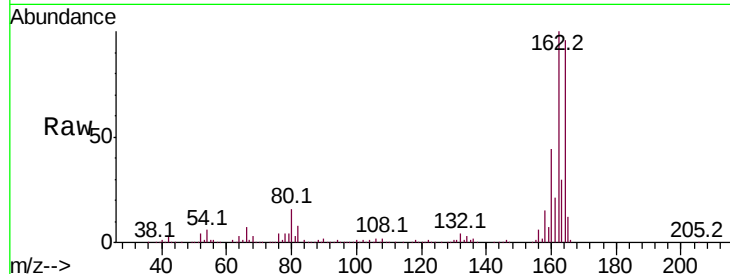




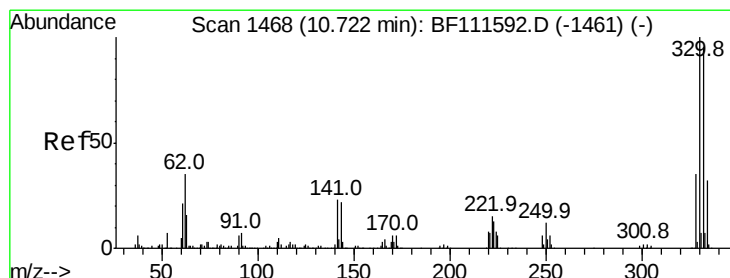
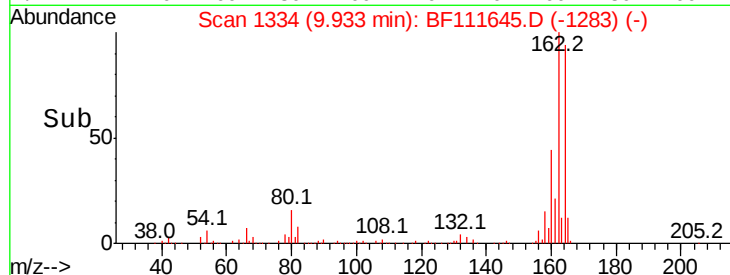
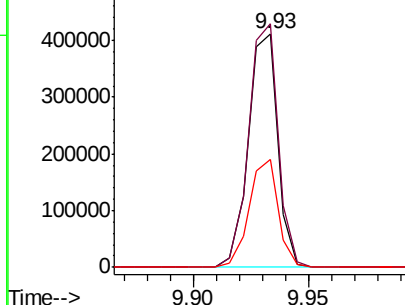
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111645.D
 Acq: 20 Dec 2018 18:15

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	46.3	35.7	53.5

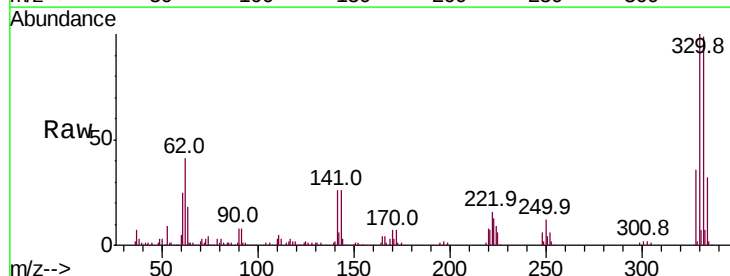


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

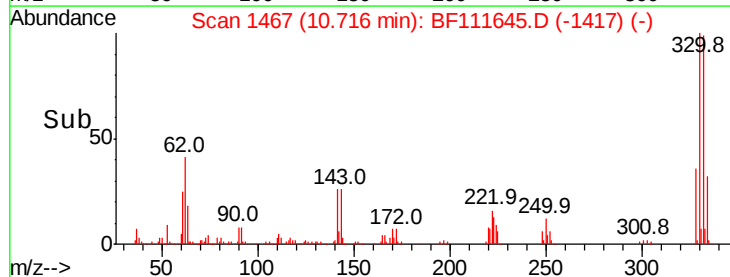
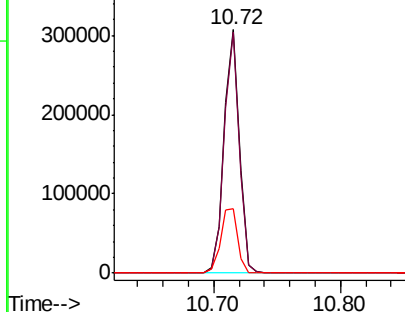


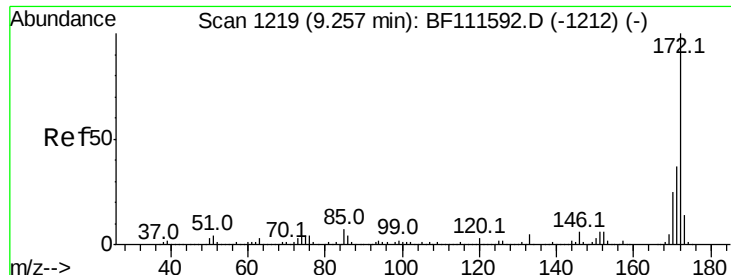
#42
 2,4,6-Tribromophenol
 Concen: 59.706 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111645.D
 Acq: 20 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	29.4	31.0	46.6#



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

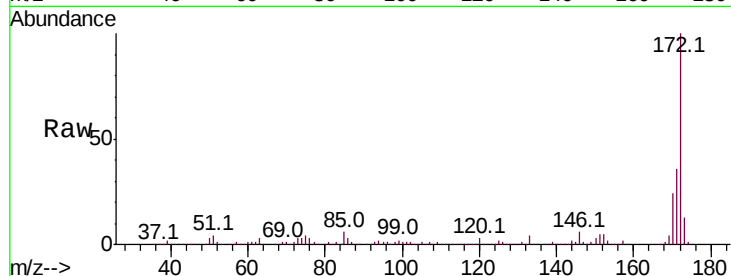




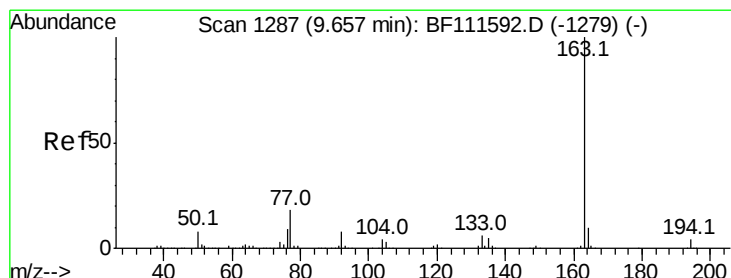
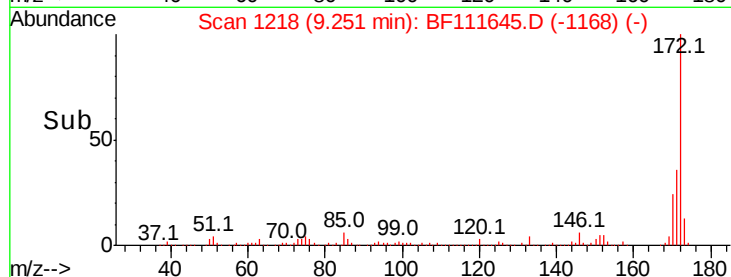
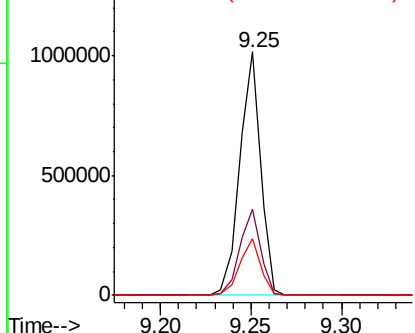
#45
2-Fluorobiphenyl
Concen: 32.072 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	23.5	22.3	33.5

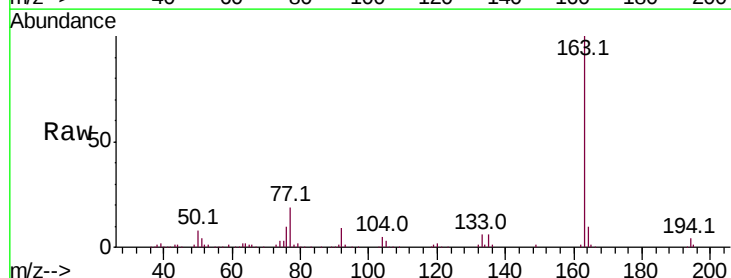


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

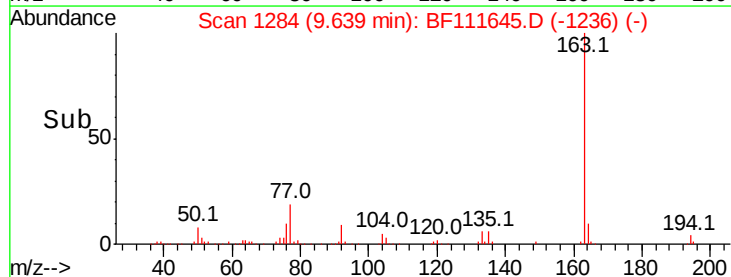
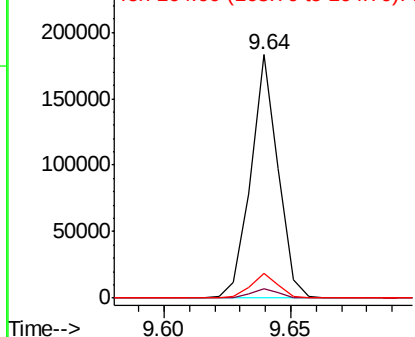


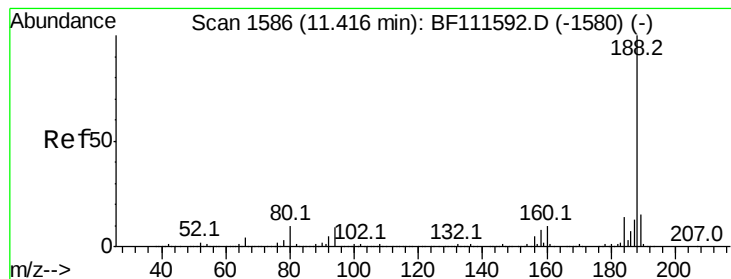
#50
Dimethylphthalate
Concen: 5.061 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

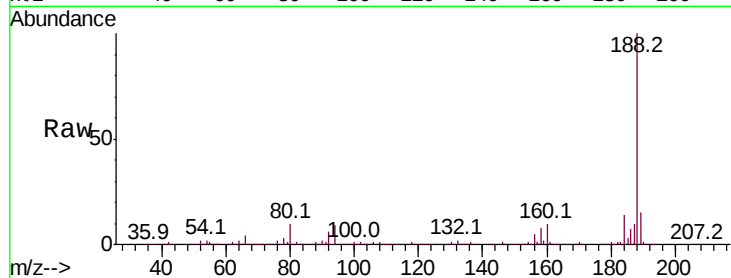
Tot Ion:188 Resp: 604347

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

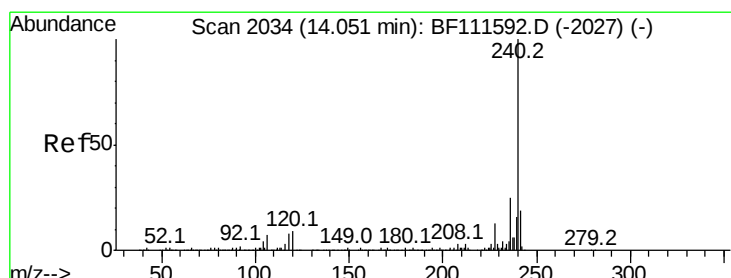
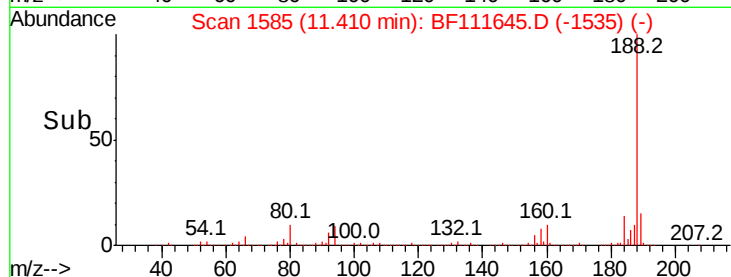
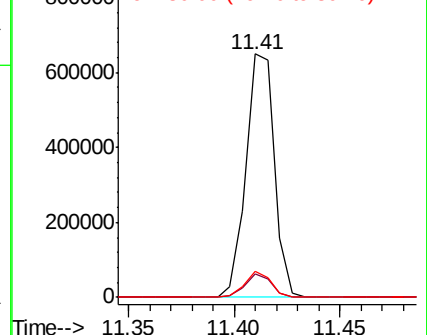
80 10.4 9.8 14.6



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

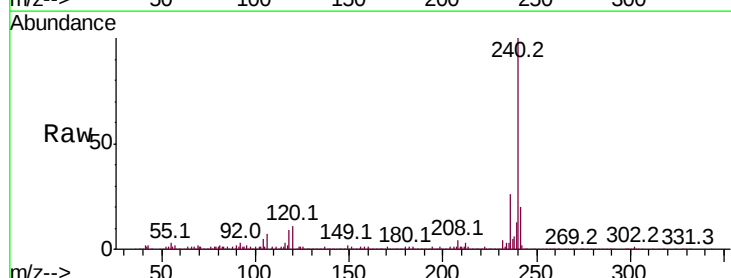
Tgt Ion:240 Resp: 495431

Ion Ratio Lower Upper

240 100

120 10.7 12.2 18.2#

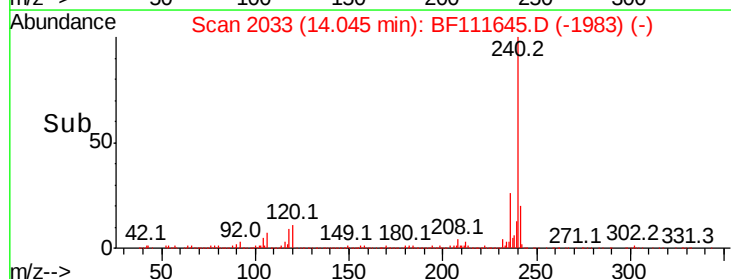
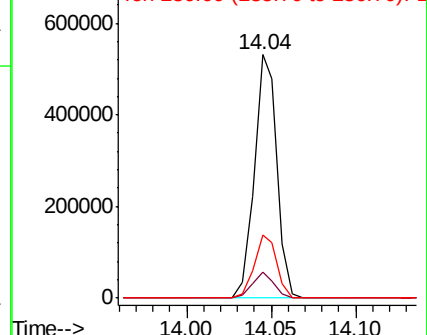
236 25.8 20.2 30.2

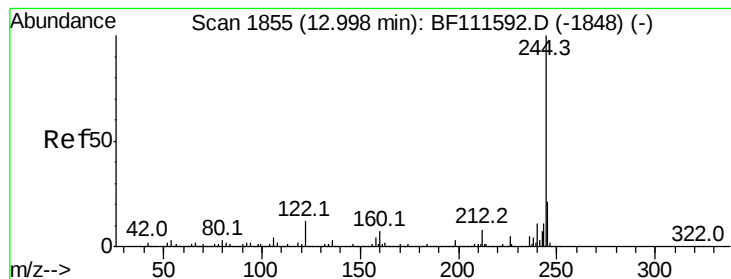


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 26.847 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

Instrument :

BNA_F

ClientSampleId :

P001-SS003-0002-01

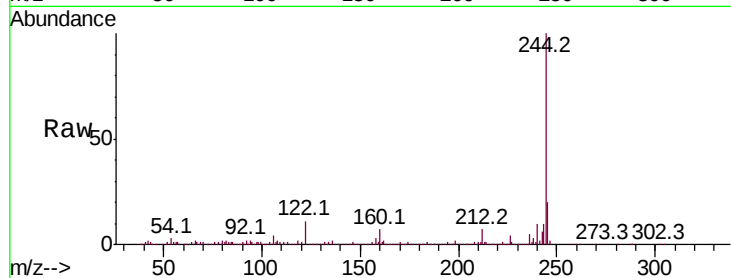
Tot Ion:244 Resp: 701370

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

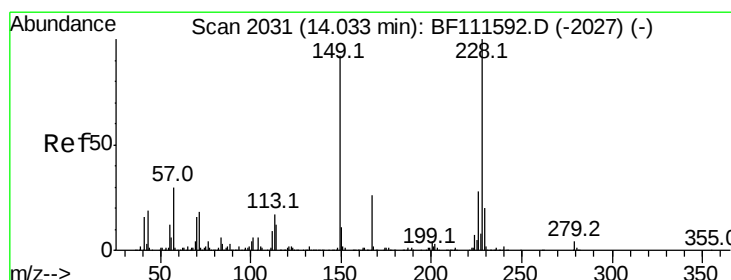
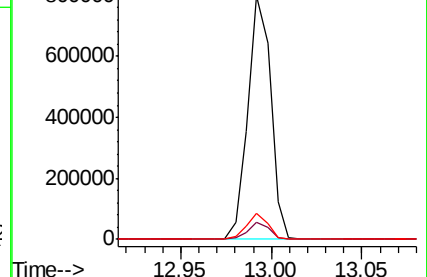
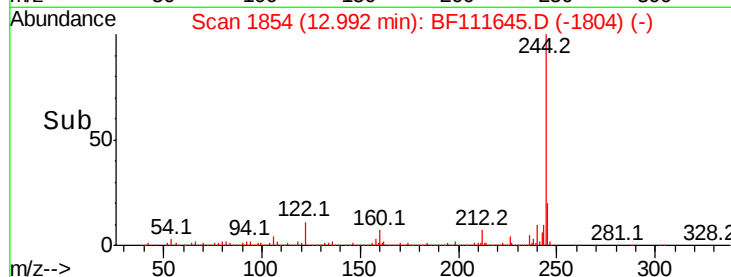
122 10.6 13.1 19.7#



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: 2.233 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111645.D

Acq: 20 Dec 2018 18:15

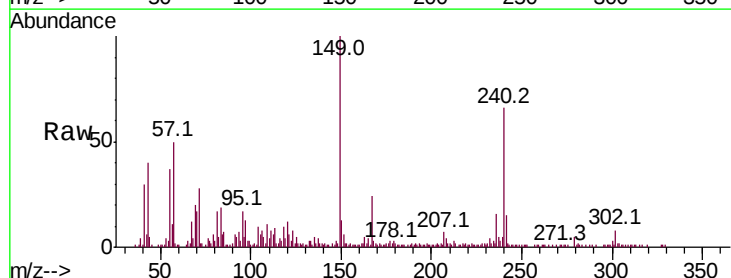
Tgt Ion:149 Resp: 40121

Ion Ratio Lower Upper

149 100

167 24.1 22.5 33.7

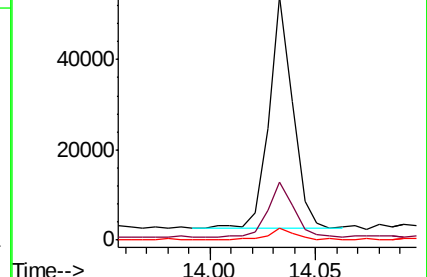
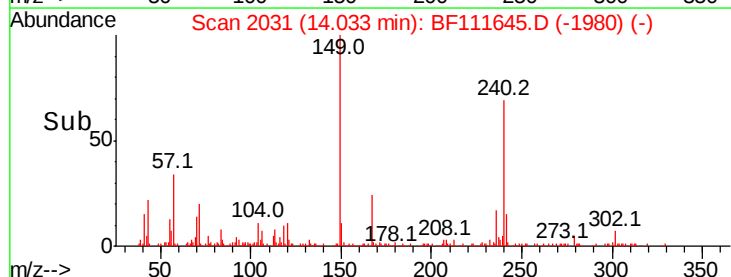
279 5.0 2.6 4.0#

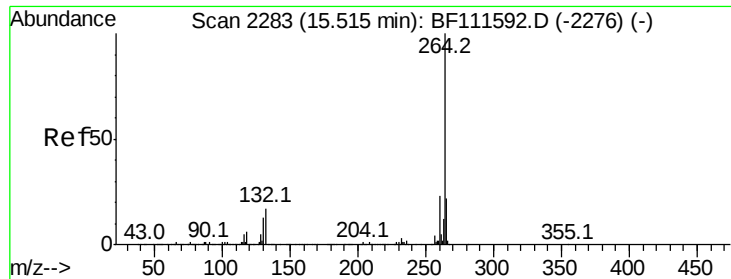


Abundance Ion 149.00 (148.70 to 149.70): E

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: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111645.D
Acq: 20 Dec 2018 18:15

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.0	17.7	26.5

