

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111631.D
 Acq On : 20 Dec 2018 11:26
 Operator : JU/SJ
 Sample : J6353-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-02

Quant Time: Dec 20 13:54:18 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

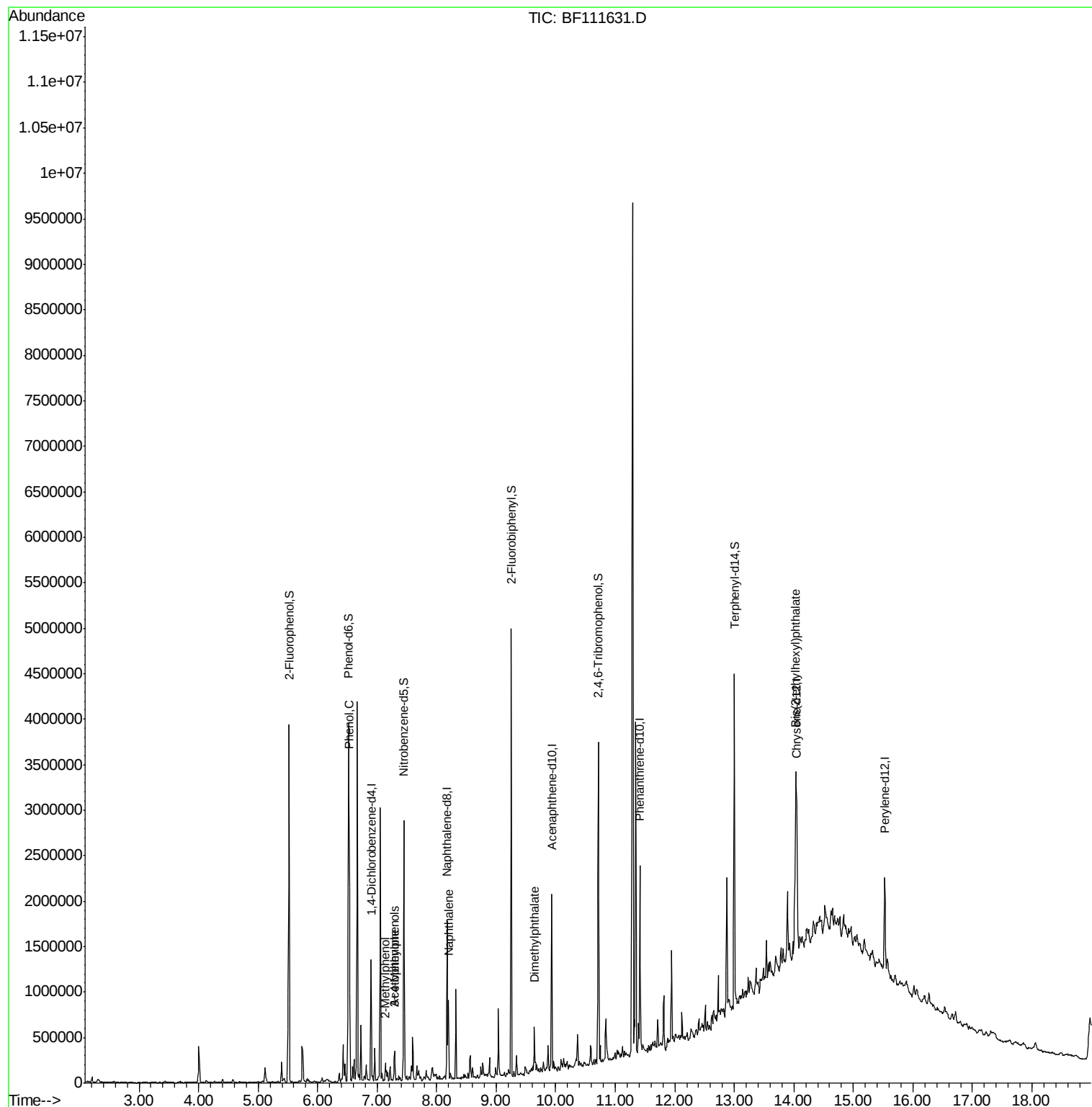
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	194132	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	739846	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	382902	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	696385	20.00	ng	0.00
76) Chrysene-d12	14.05	240	475558	20.00	ng	0.00
87) Perylene-d12	15.53	264	498806	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1046849	91.92	ng	0.00
7) Phenol-d6	6.52	99	1372373	94.68	ng	0.00
23) Nitrobenzene-d5	7.45	82	823377	64.78	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	404368	89.38	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1360666	51.80	ng	0.00
79) Terphenyl-d14	13.00	244	1215603	48.48	ng	0.00
Target Compounds						
10) Phenol	6.53	94	399605	24.434	ng	99
17) 2-Methylphenol	7.14	107	30088	2.978	ng	97
20) 3+4-Methylphenols	7.29	107	30349	2.378	ng	# 81
22) Acetophenone	7.29	105	52414	2.796	ng	# 86
31) Naphthalene	8.20	128	310426	8.732	ng	97
50) Dimethylphthalate	9.64	163	169708	6.061	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	825402	47.869	ng	100

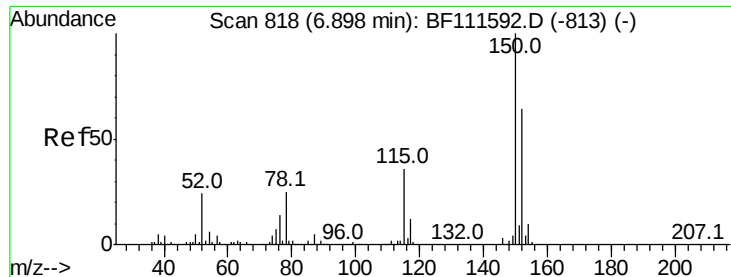
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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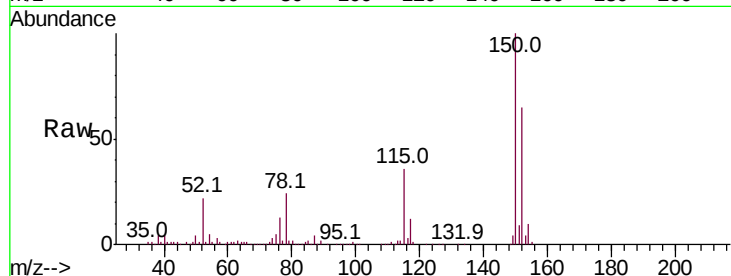


#1

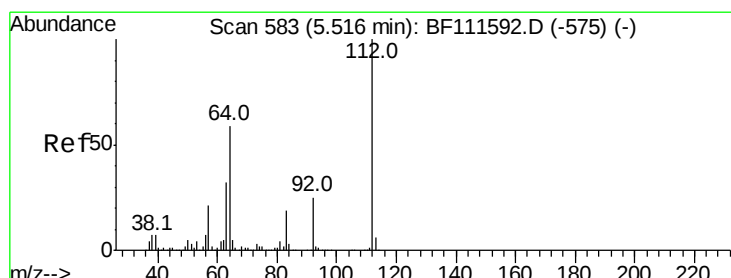
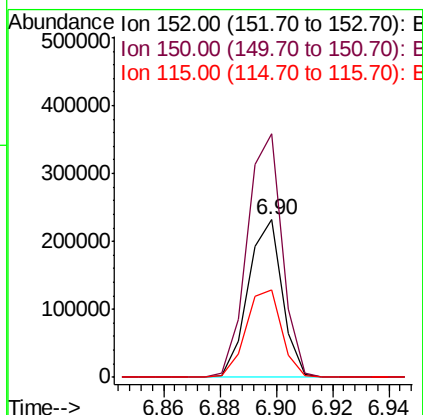
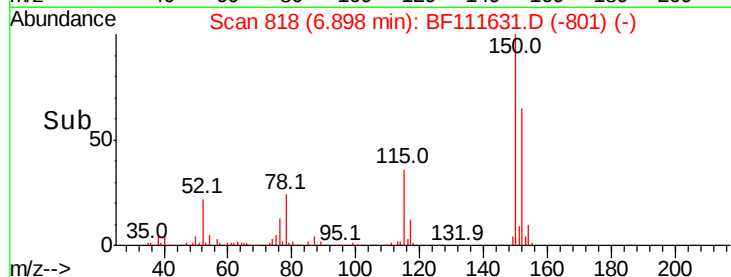
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-02

Tot Ion:152 Resp: 194132
Ion Ratio Lower Upper
152 100
150 154.5 126.6 189.8
115 55.1 50.7 76.1



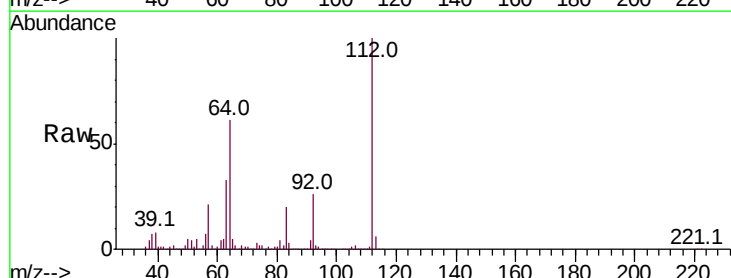
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



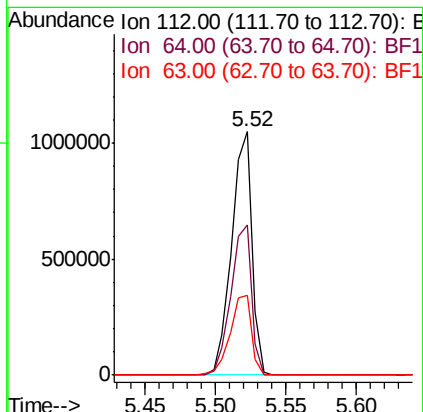
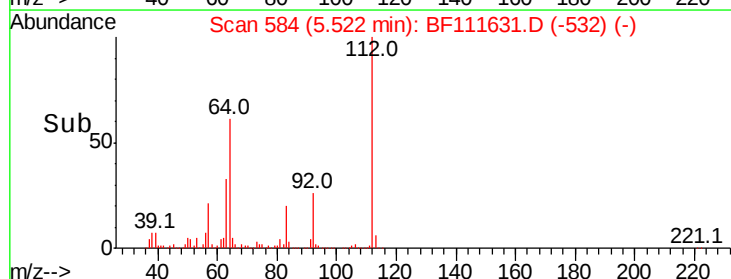
#5

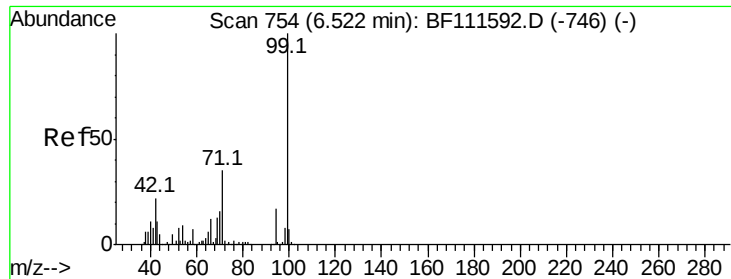
2-Fluorophenol
Concen: 91.916 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Tgt Ion:112 Resp: 1046849
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 32.9 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: 94.683 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-02

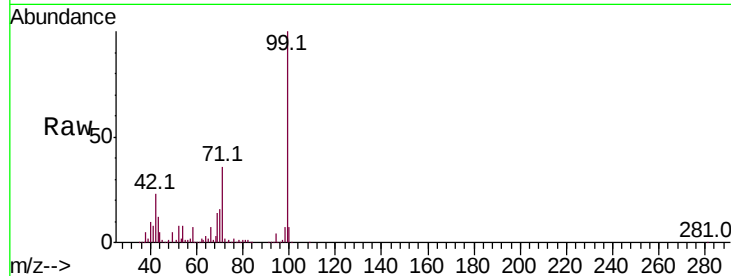
Tot Ion: 99 Resp: 1372373

Ion Ratio Lower Upper

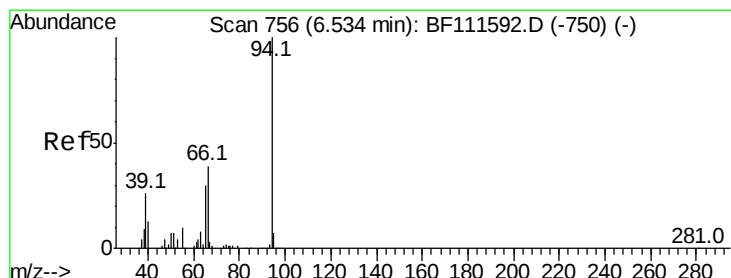
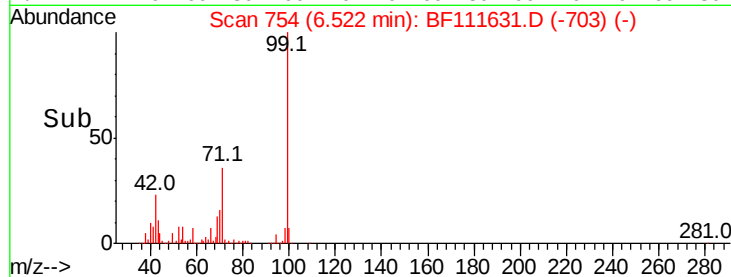
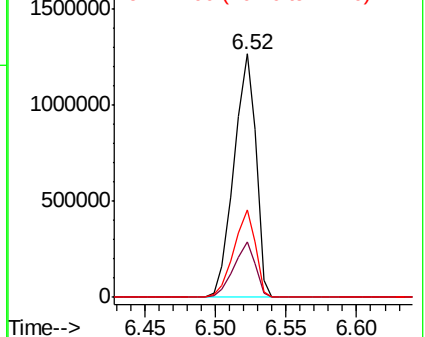
99 100

42 22.6 17.4 26.0

71 36.1 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: 24.434 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

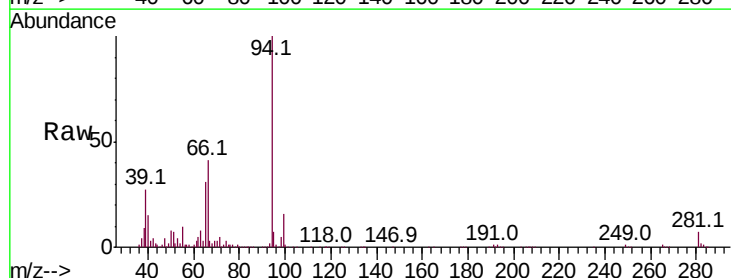
Tgt Ion: 94 Resp: 399605

Ion Ratio Lower Upper

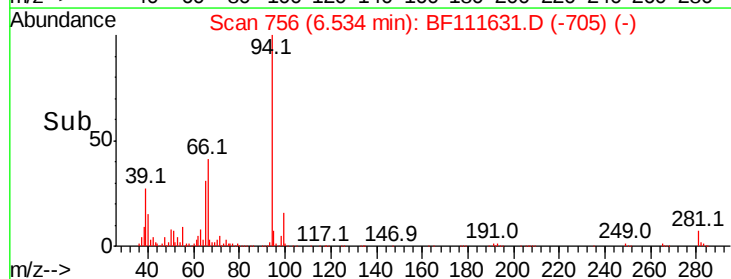
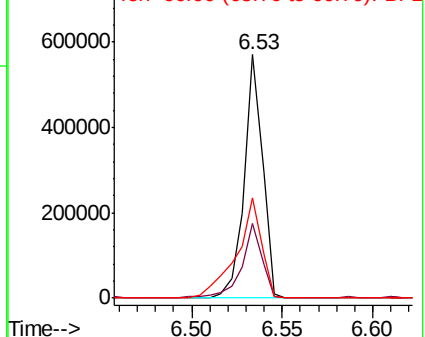
94 100

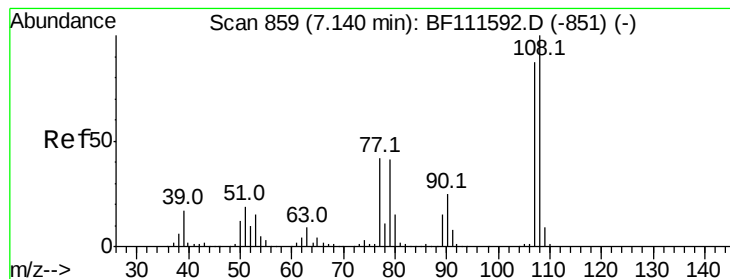
65 30.8 11.7 51.7

66 41.1 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





#17

2-Methylphenol

Concen: 2.978 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-02

Tot Ion:107 Resp: 30088

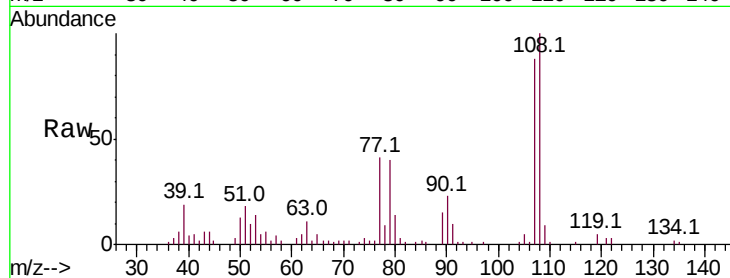
Ion Ratio Lower Upper

107 100

108 113.4 91.0 136.4

77 46.5 33.5 50.3

79 45.6 33.3 49.9

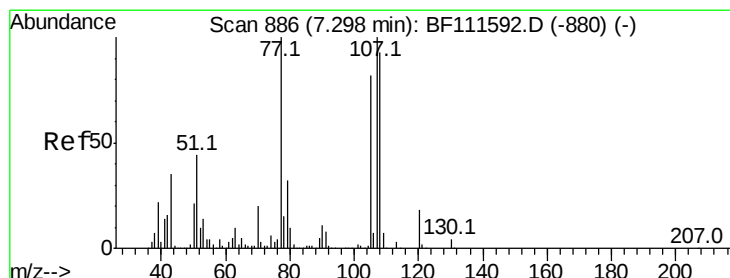
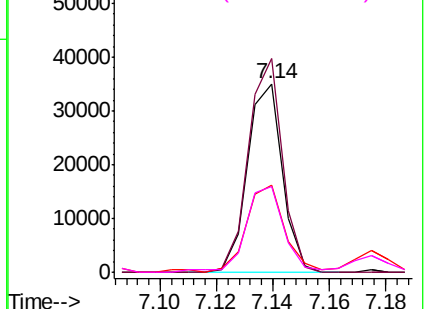
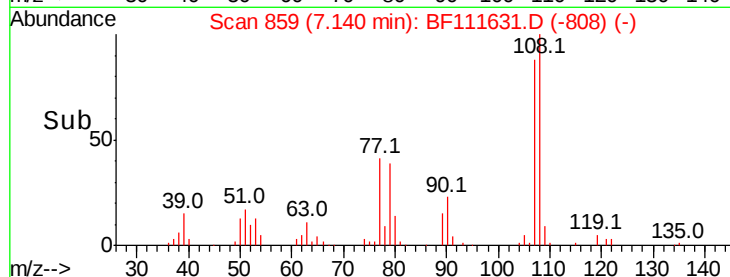


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#20

3+4-Methylphenols

Concen: 2.378 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

Tgt Ion:107 Resp: 30349

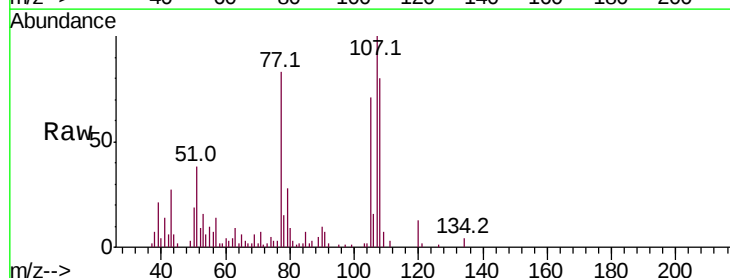
Ion Ratio Lower Upper

107 100

108 79.8 72.1 112.1

77 83.2 94.1 134.1#

79 27.7 9.8 49.8

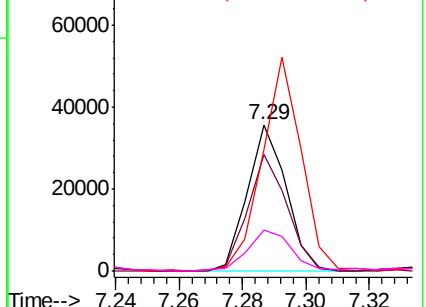
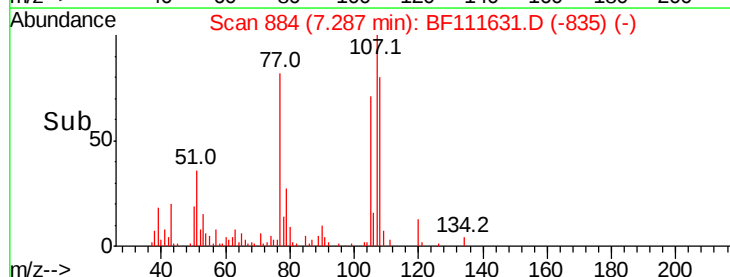


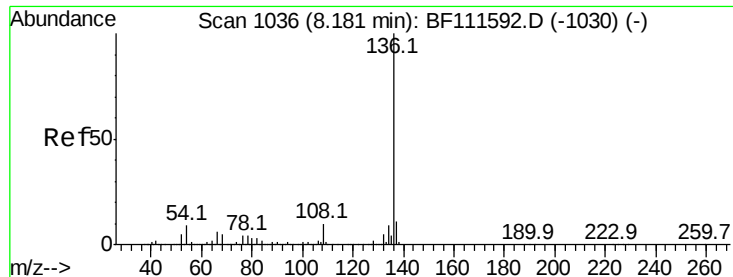
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

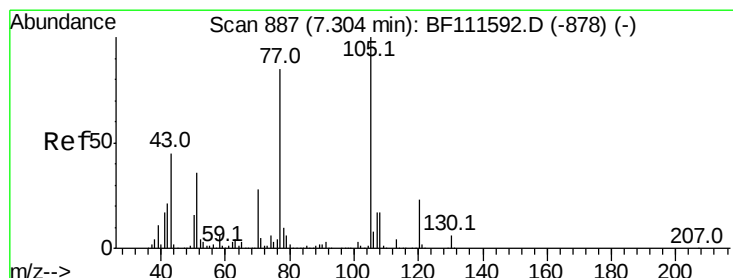
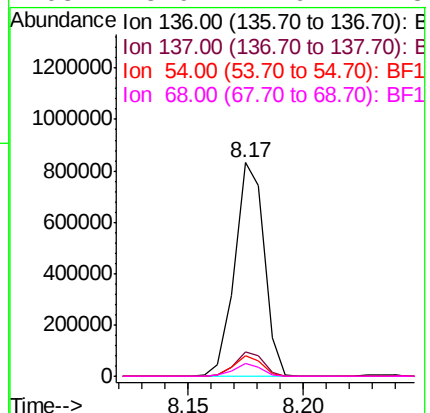
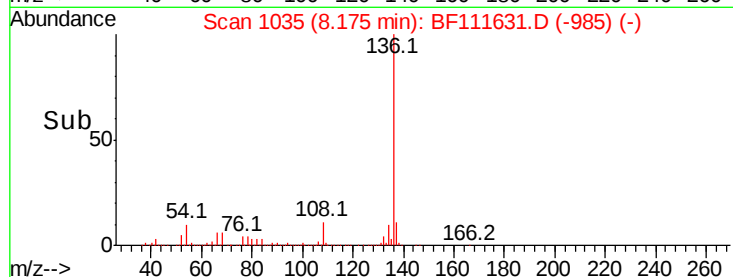
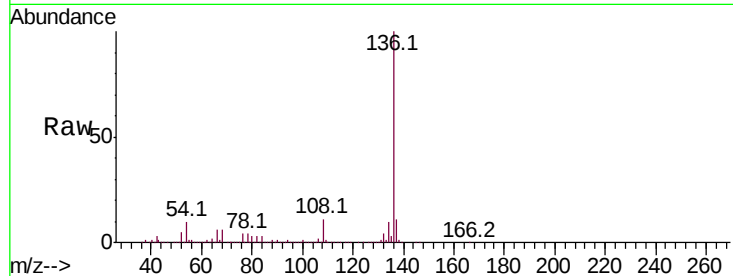




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

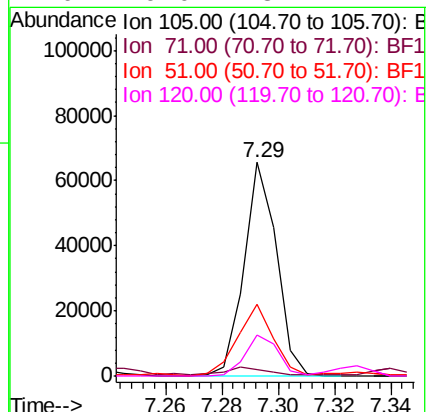
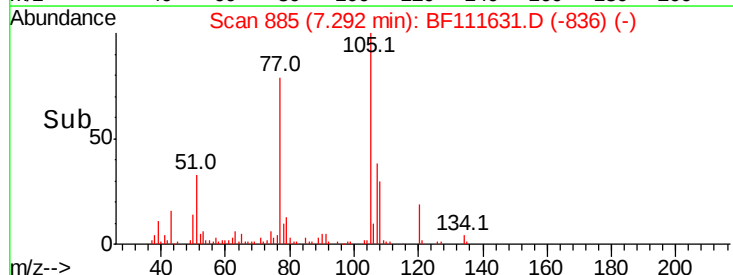
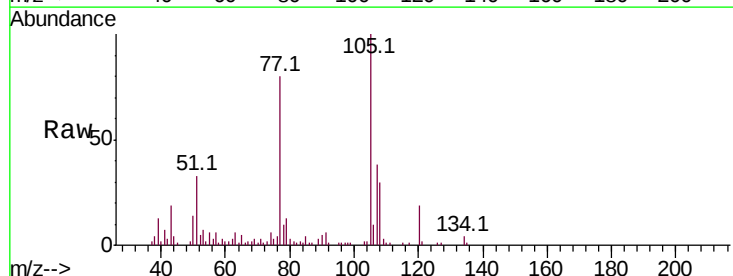
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-02

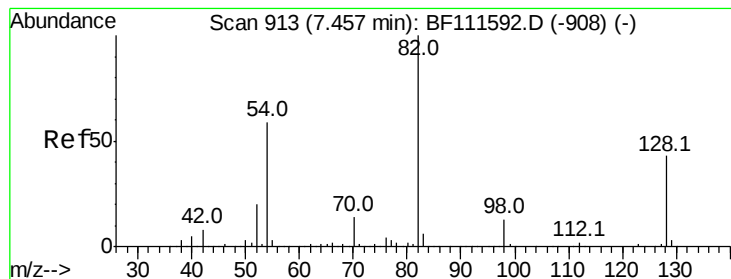
Tot Ion:136	Resp:	739846
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	9.7	7.7 11.5
68	5.9	4.9 7.3



#22
Acetophenone
Concen: 2.796 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Tgt Ion:105	Resp:	52414
Ion Ratio	Lower	Upper
105	100	
71	3.3	3.1 4.7
51	33.4	36.6 54.8#
120	19.0	18.2 27.4





#23

Nitrobenzene-d5

Concen: 64.780 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-02

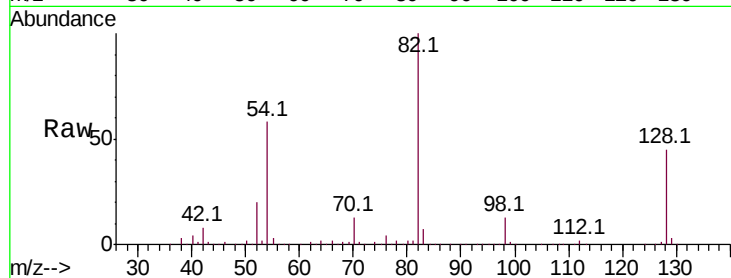
Tot Ion: 82 Resp: 823377

Ion Ratio Lower Upper

82 100

128 44.7 37.4 56.2

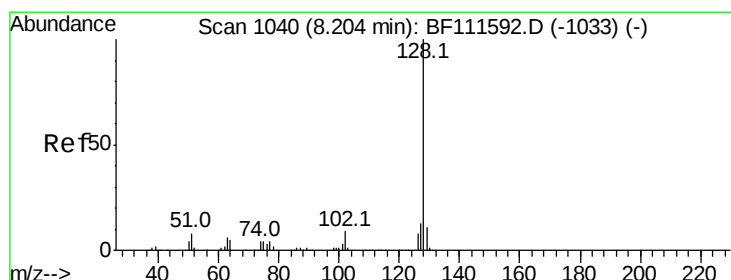
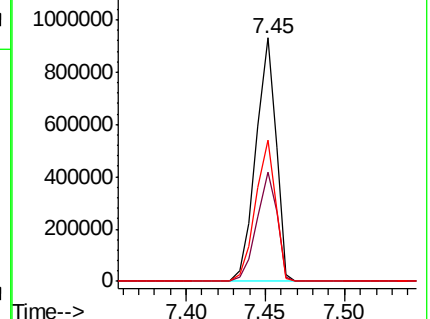
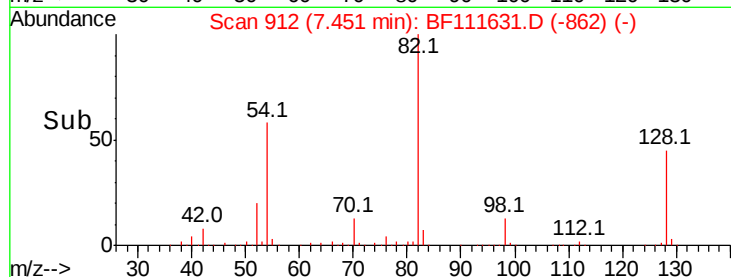
54 58.2 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 8.732 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

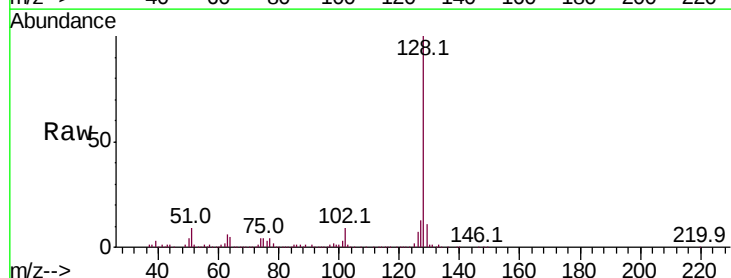
Tgt Ion: 128 Resp: 310426

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.8

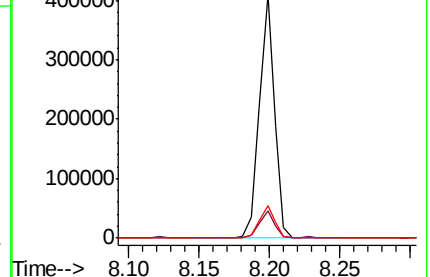
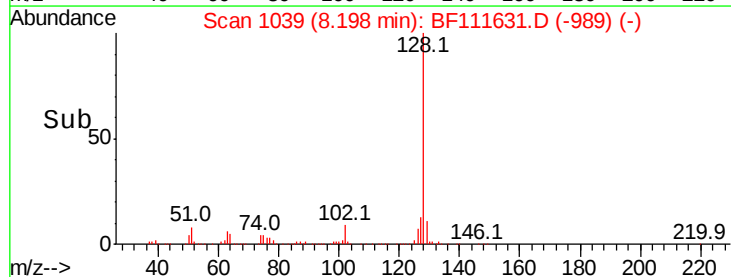
127 13.4 12.0 18.0

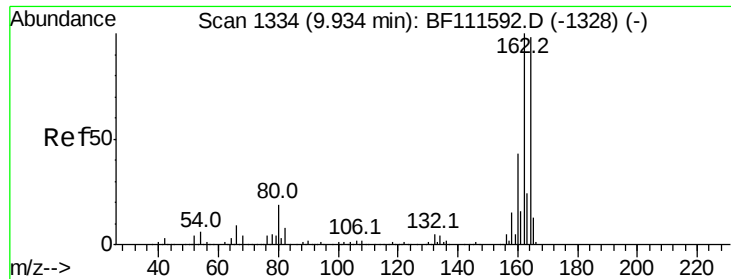


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

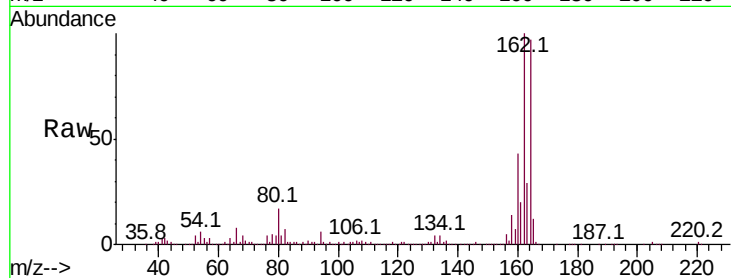




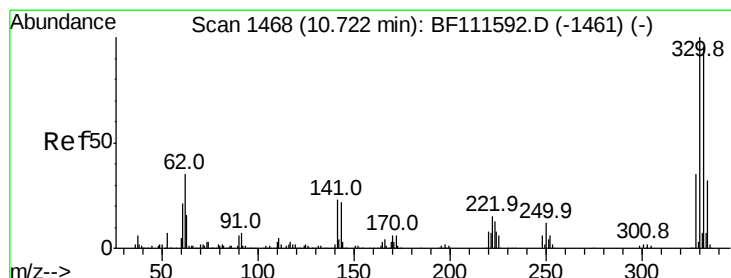
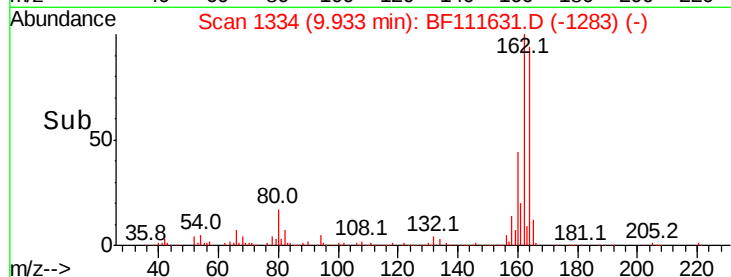
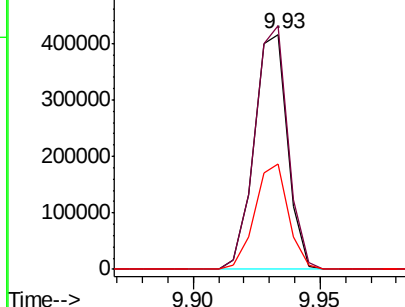
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111631.D
 Acq: 20 Dec 2018 11:26

Instrument :
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 P001-SS001-0002-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	45.0	35.7	53.5

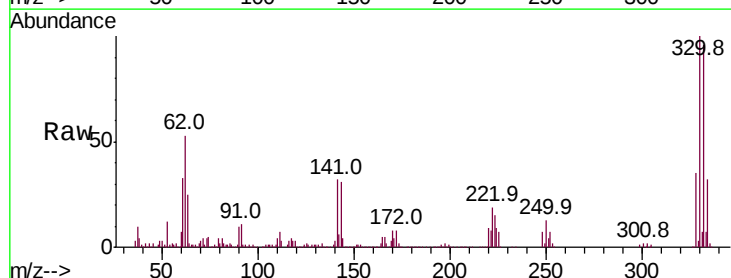


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

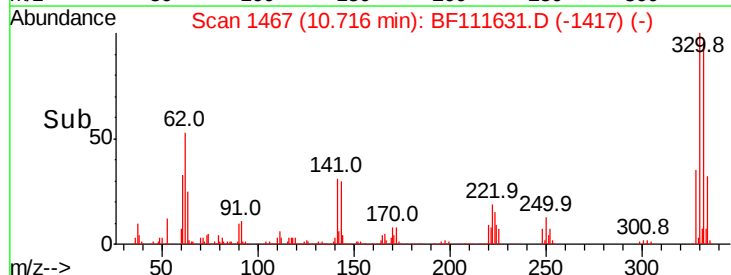
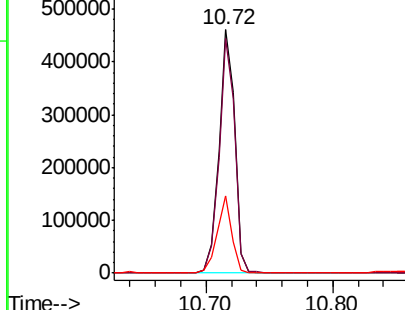


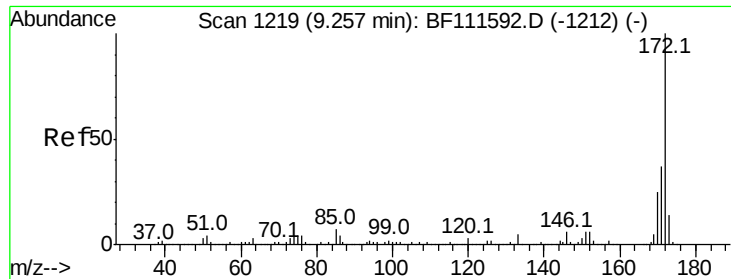
#42
 2,4,6-Tribromophenol
 Concen: 89.377 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111631.D
 Acq: 20 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	29.6	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

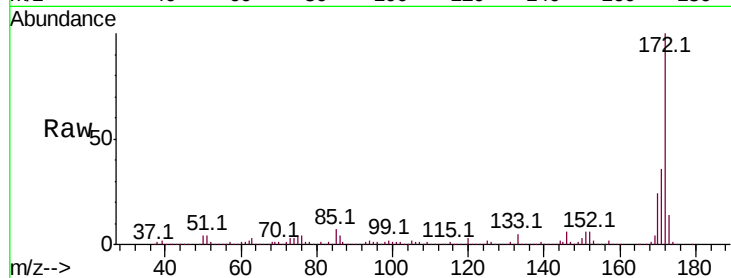




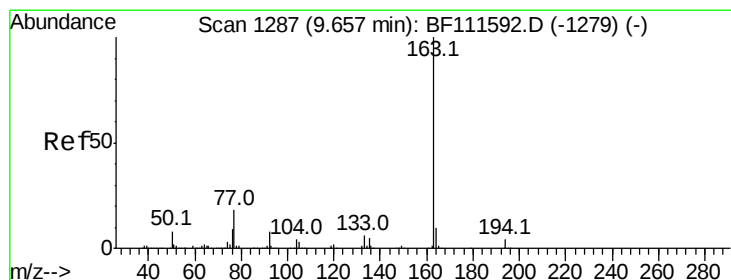
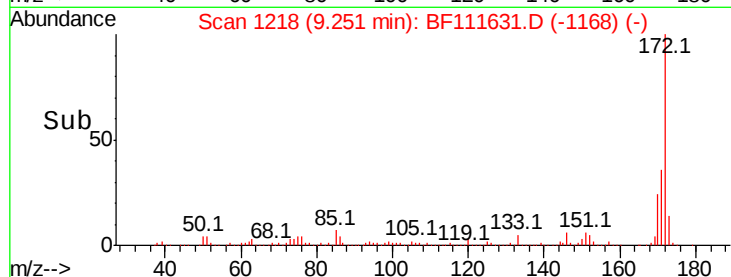
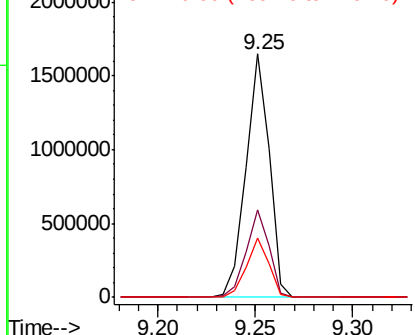
#45
2-Fluorobiphenyl
Concen: 51.796 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-02

Tot Ion:172 Resp: 1360666
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 24.1 22.3 33.5

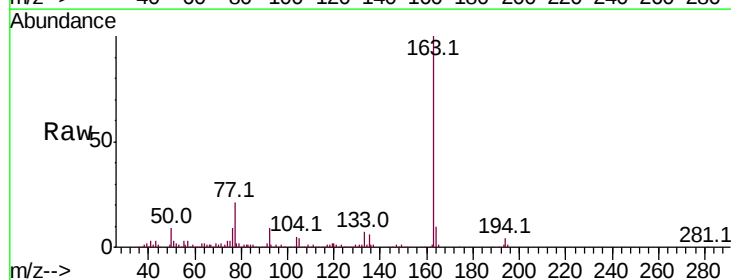


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

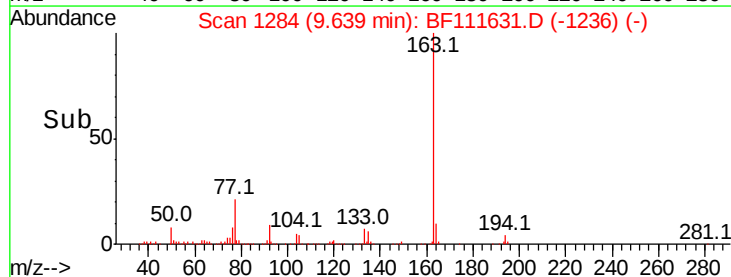
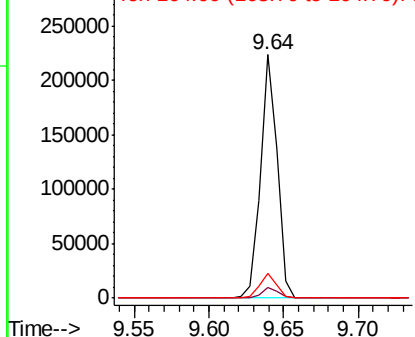


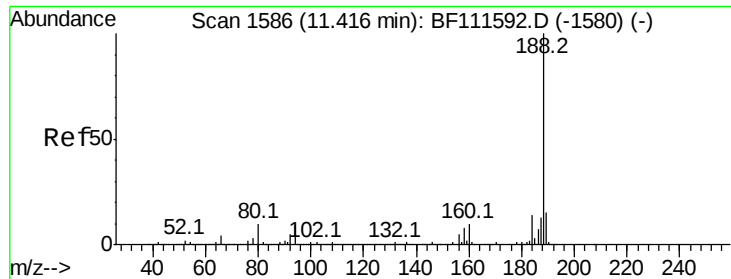
#50
Dimethylphthalate
Concen: 6.061 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Tgt Ion:163 Resp: 169708
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.0 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

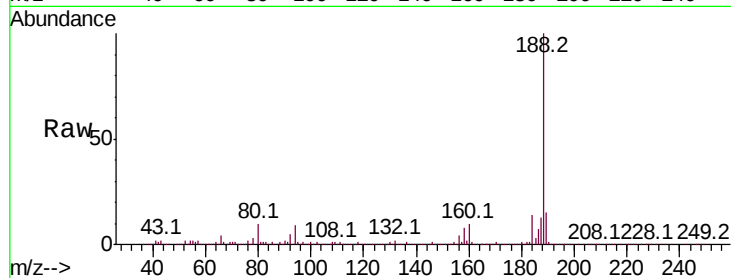




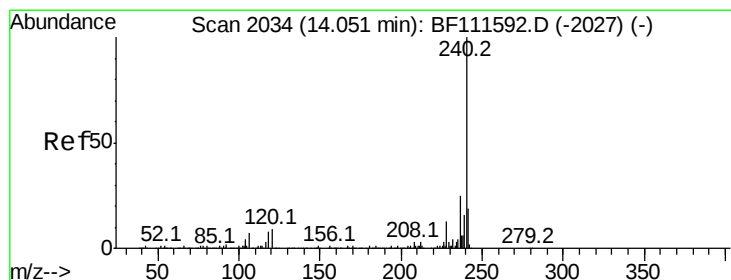
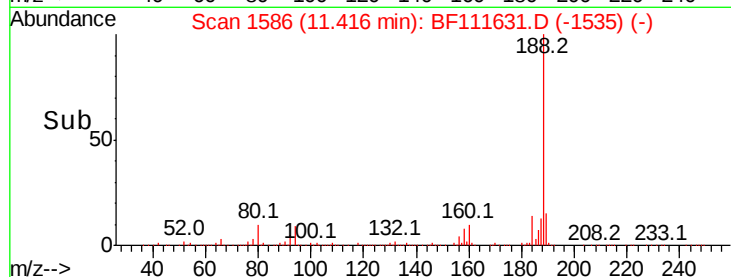
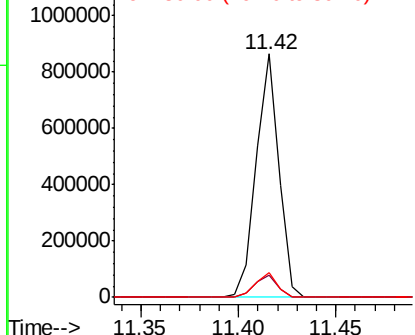
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-02

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	10.0	9.8	14.6

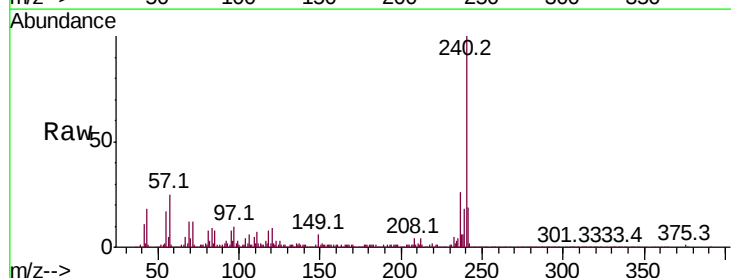


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

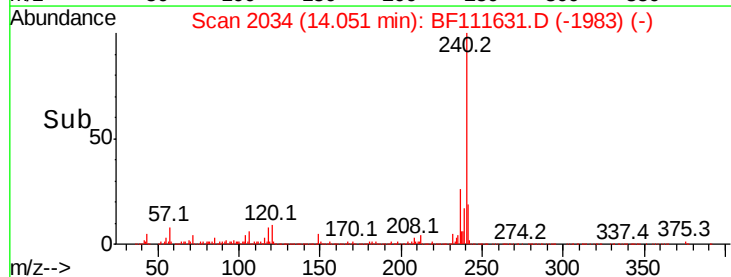
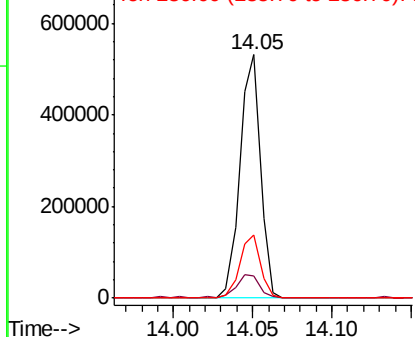


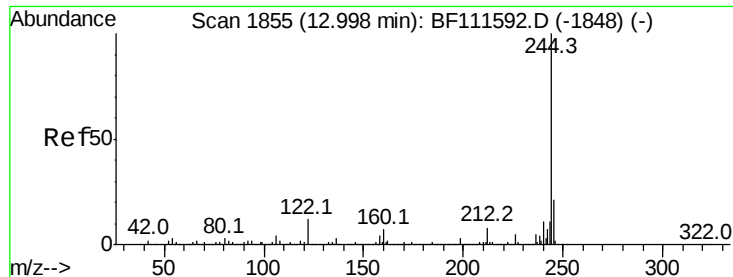
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111631.D
Acq: 20 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.2	18.2#
236	26.1	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: 48.475 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

Instrument :

BNA_F

ClientSampleId :

P001-SS001-0002-02

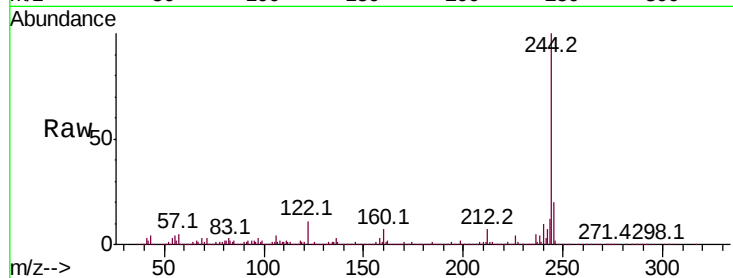
Tot Ion:244 Resp: 1215603

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

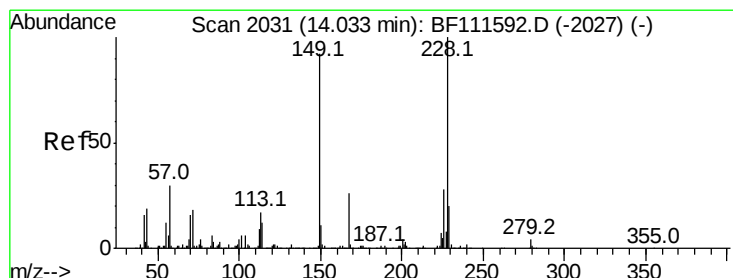
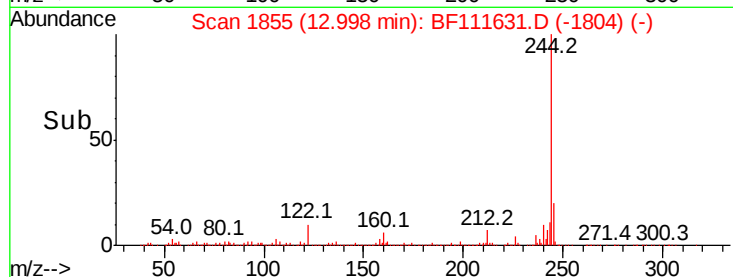
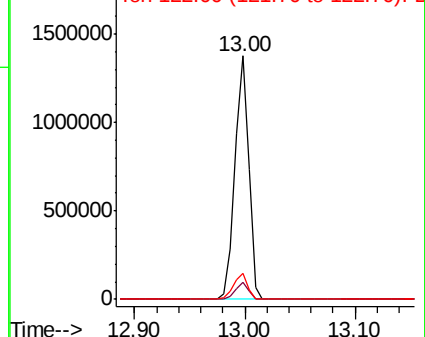
122 10.6 13.1 19.7#



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: 47.869 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111631.D

Acq: 20 Dec 2018 11:26

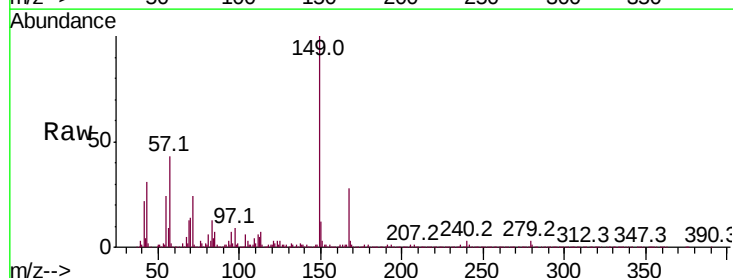
Tgt Ion:149 Resp: 825402

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

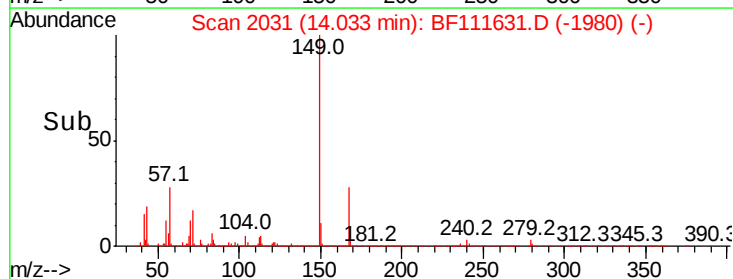
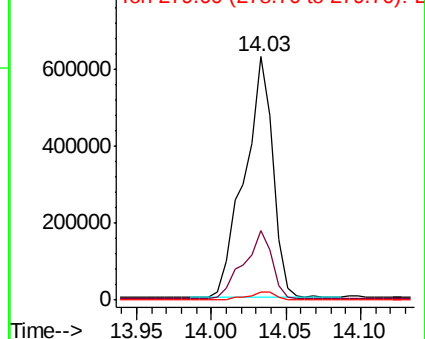
279 3.2 2.6 4.0

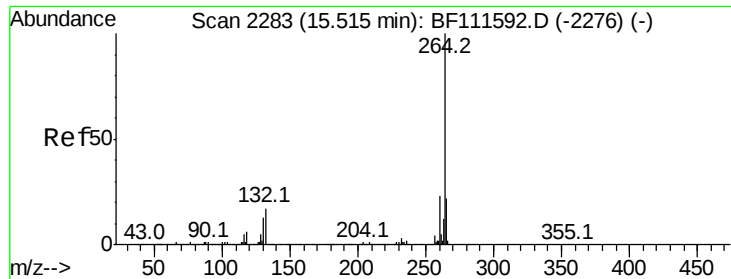


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

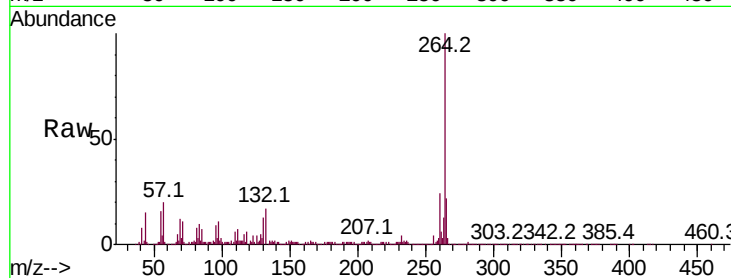




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.01 min
 Lab File: BF111631.D
 Acq: 20 Dec 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0002-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.0	17.7	26.5



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

