

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020419\
 Data File : BF112383.D
 Acq On : 4 Feb 2019 16:39
 Operator : JU/SJ
 Sample : K1359-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Feb 05 01:09:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

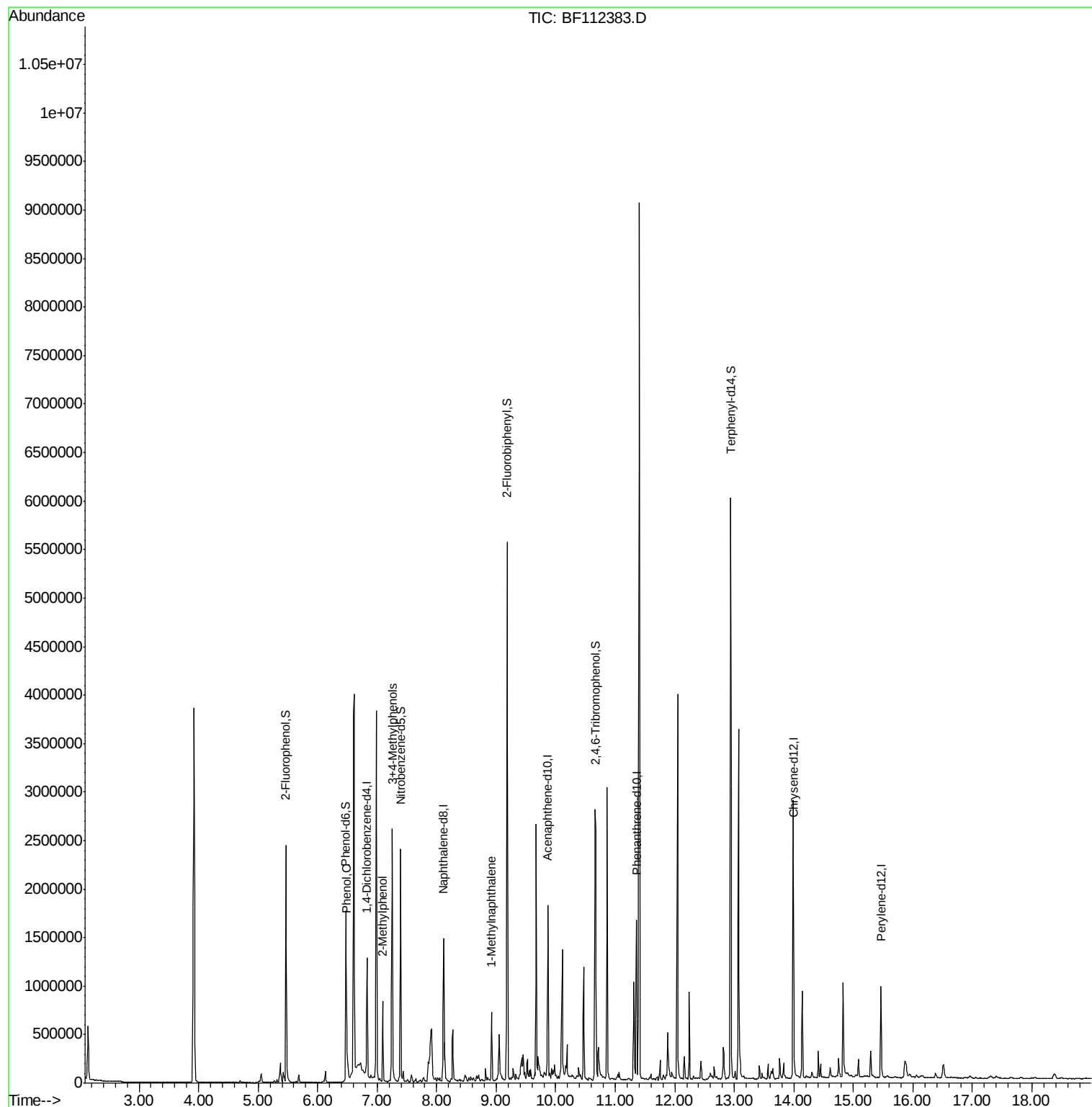
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	182324	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	720316	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	340990	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	648053	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	439887	20.00	ng	-0.01
87) Perylene-d12	15.46	264	374063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	680609	79.29	ng	-0.01
7) Phenol-d6	6.47	99	568642	47.67	ng	-0.02
23) Nitrobenzene-d5	7.39	82	924530	73.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	461894	116.37	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1795924	74.49	ng	-0.02
79) Terphenyl-d14	12.94	244	1840479	78.80	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	47614	3.639	ng	87
17) 2-Methylphenol	7.09	107	133054	14.535	ng	97
20) 3+4-Methylphenols	7.25	107	709192	60.586	ng	# 59
38) 1-Methylnaphthalene	8.92	142	191913	8.683	ng	99

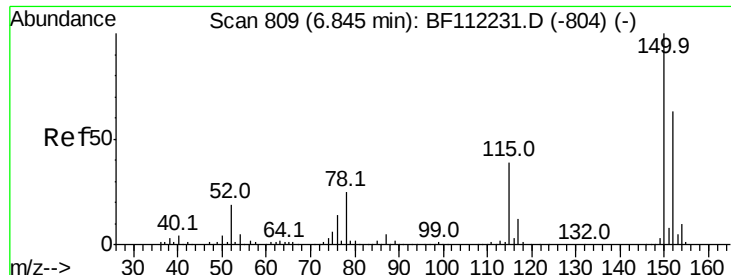
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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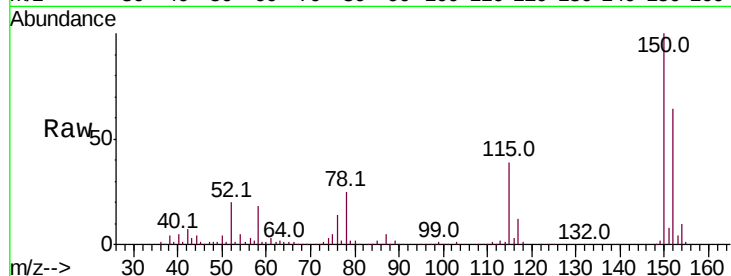


#1

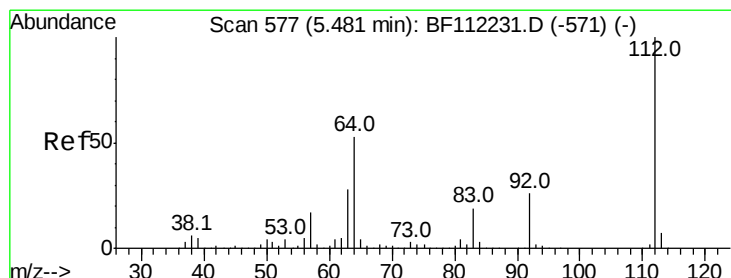
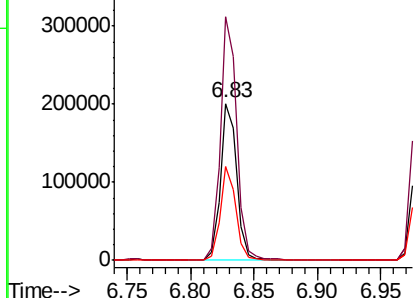
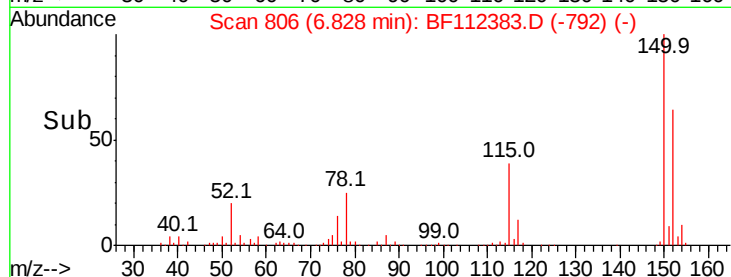
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF112383.D
 Acq: 4 Feb 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion:152 Resp: 182324
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.0
 115 60.2 45.5 68.3



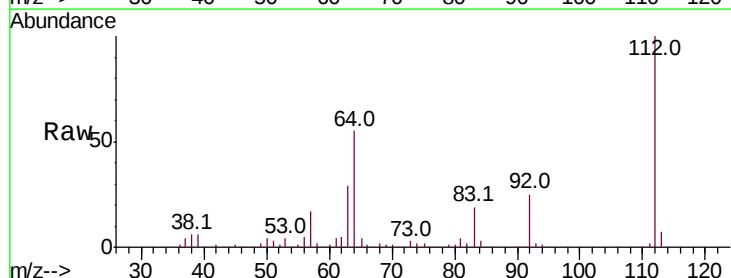
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



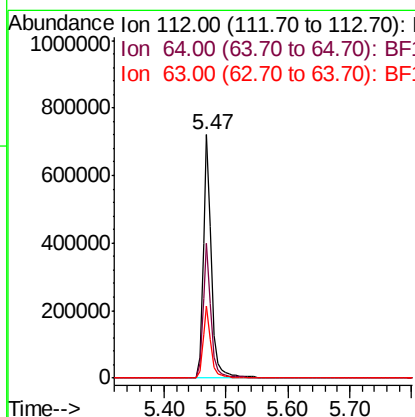
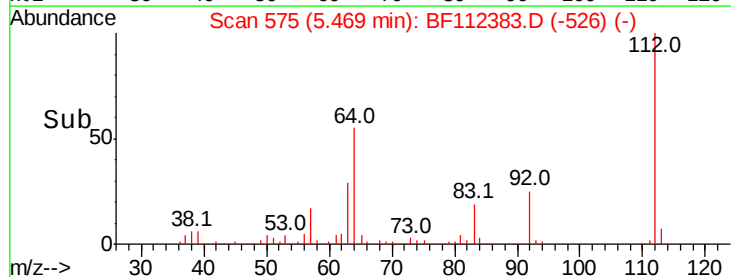
#5

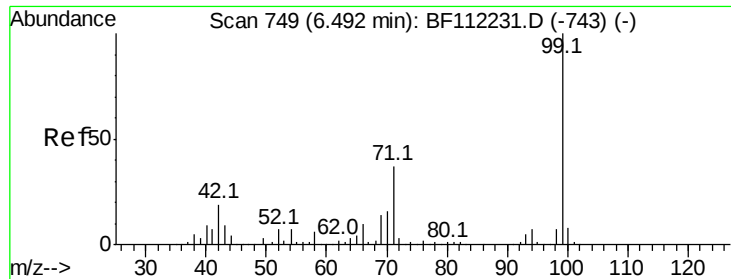
2-Fluorophenol
 Concen: 79.291 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF112383.D
 Acq: 4 Feb 2019 16:39

Tgt Ion:112 Resp: 680609
 Ion Ratio Lower Upper
 112 100
 64 55.1 45.7 68.5
 63 29.5 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: 47.675 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

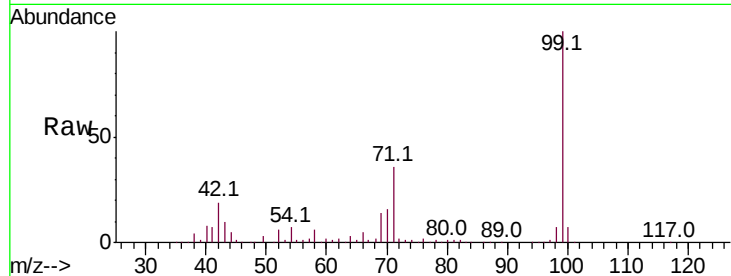
Tot Ion: 99 Resp: 568642

Ion Ratio Lower Upper

99 100

42 19.4 15.1 22.7

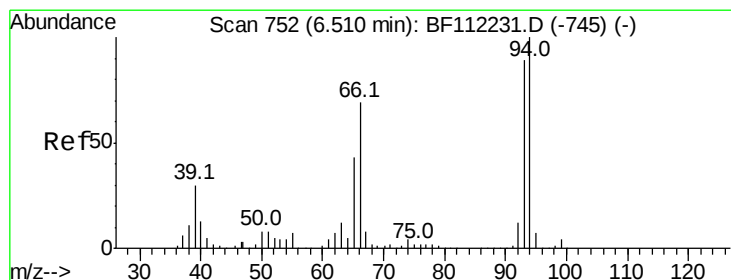
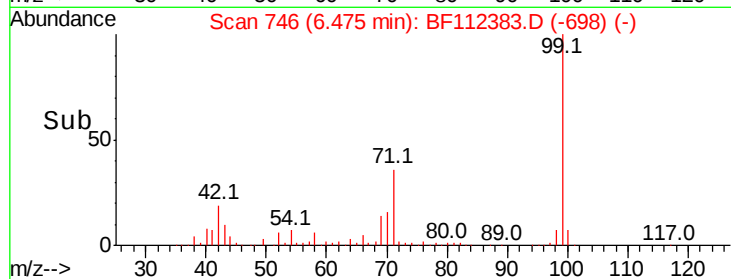
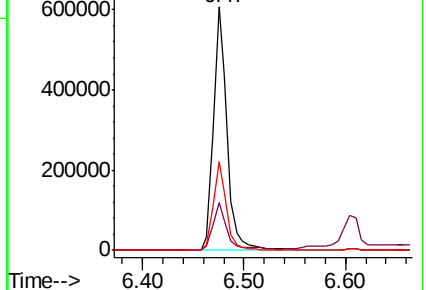
71 36.5 26.9 40.3



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: 3.639 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

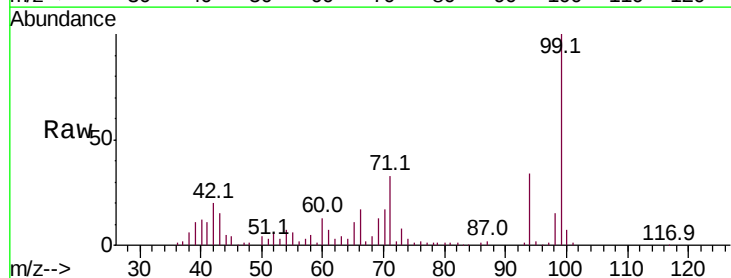
Tgt Ion: 94 Resp: 47614

Ion Ratio Lower Upper

94 100

65 34.1 20.3 60.3

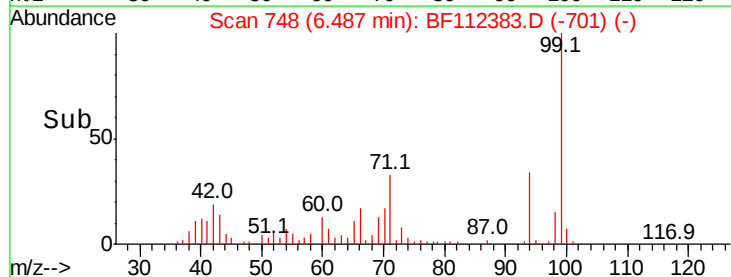
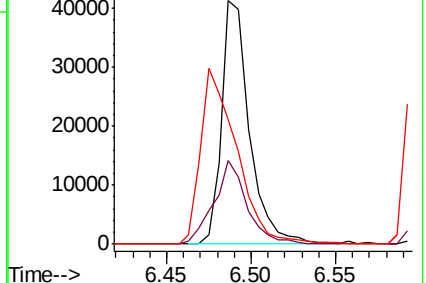
66 51.2 42.4 82.4

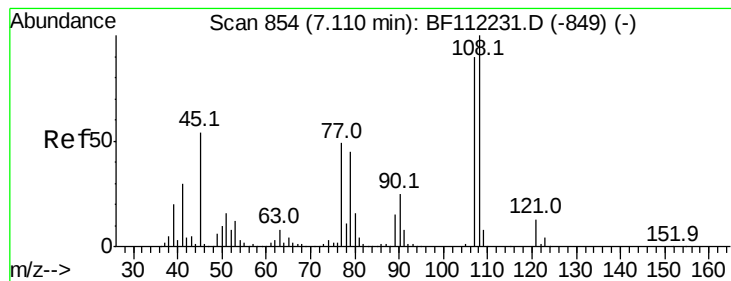


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#17

2-Methylphenol

Concen: 14.535 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tot Ion:107 Resp: 133054

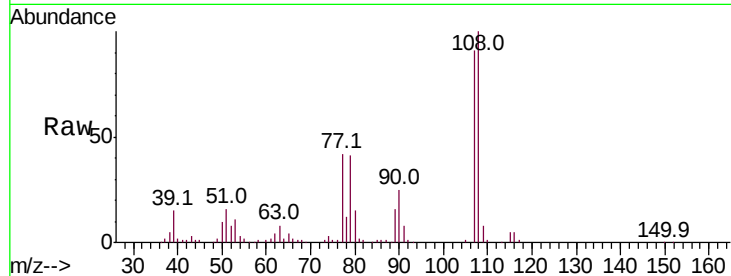
Ion Ratio Lower Upper

107 100

108 110.1 91.3 136.9

77 46.1 39.0 58.6

79 45.2 37.0 55.4

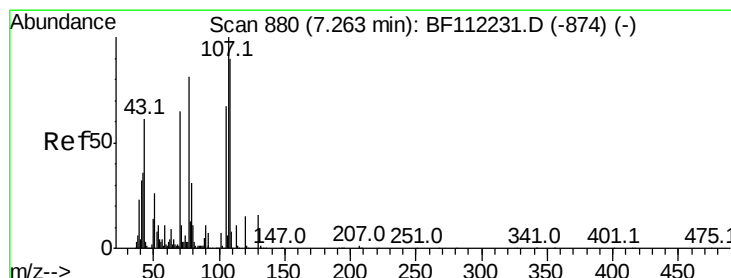
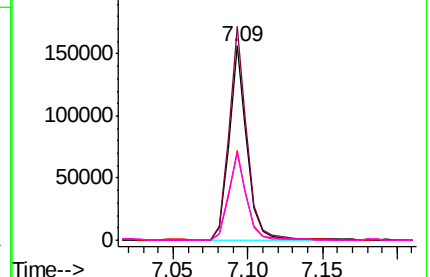
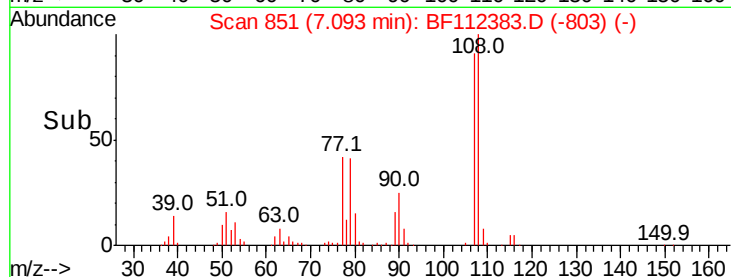


Abundance Ion 107.00 (106.70 to 107.70): E

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: 60.586 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Tgt Ion:107 Resp: 709192

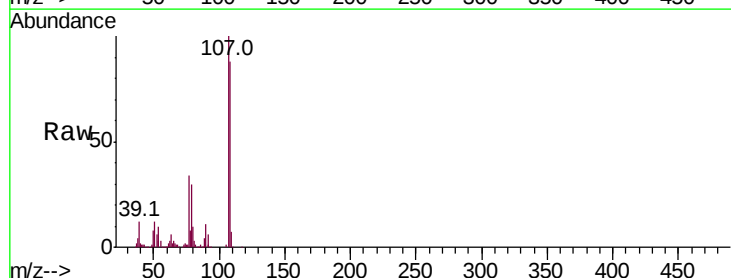
Ion Ratio Lower Upper

107 100

108 88.4 68.2 108.2

77 33.6 100.7 140.7#

79 29.8 7.3 47.3

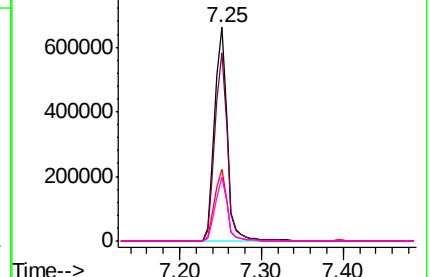
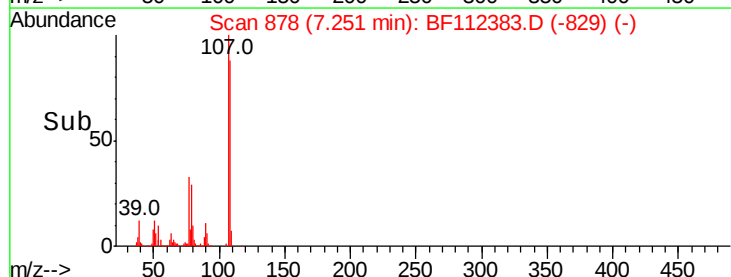


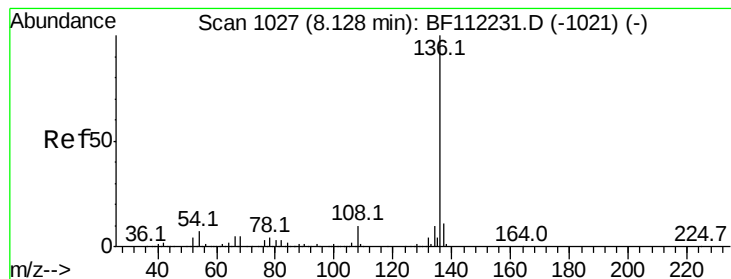
Abundance Ion 107.00 (106.70 to 107.70): E

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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tot Ion:136 Resp: 720316

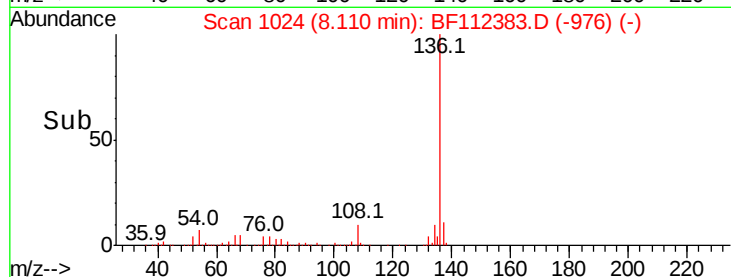
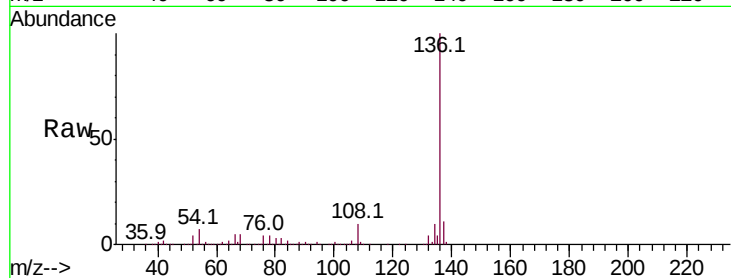
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.0 5.9 8.9

68 5.4 5.1 7.7

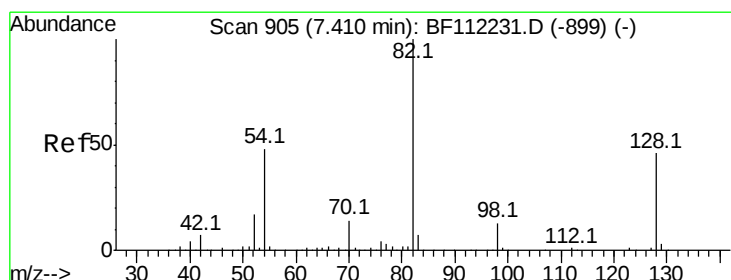
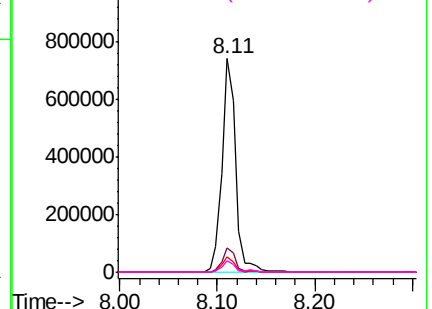


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.955 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

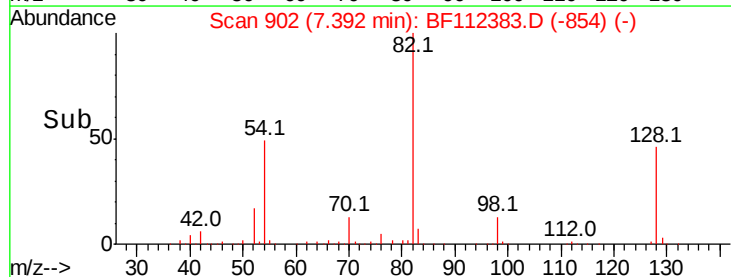
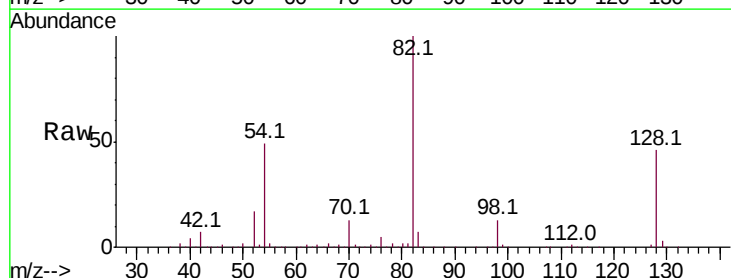
Tgt Ion: 82 Resp: 924530

Ion Ratio Lower Upper

82 100

128 45.9 37.8 56.8

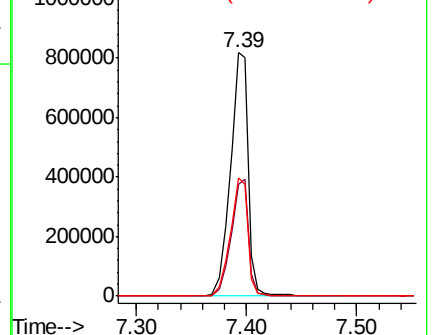
54 48.7 39.7 59.5

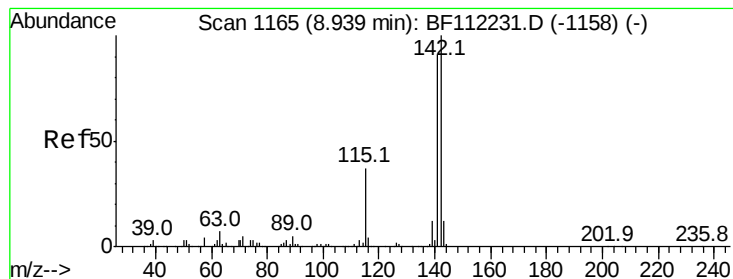


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

1-Methylnaphthalene

Concen: 8.683 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

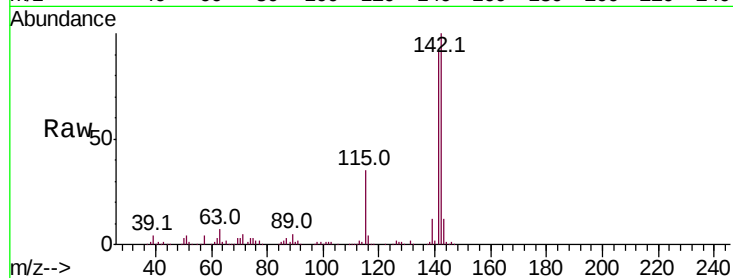
Tot Ion:142 Resp: 191913

Ion Ratio Lower Upper

142 100

141 92.0 72.6 108.8

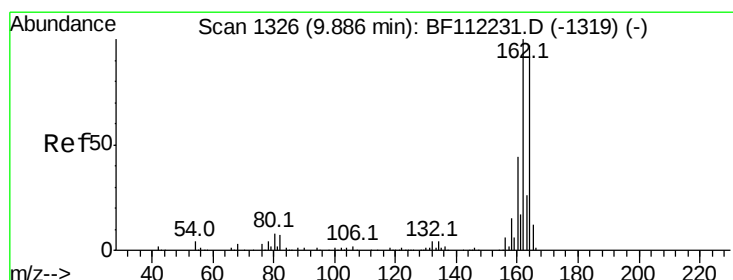
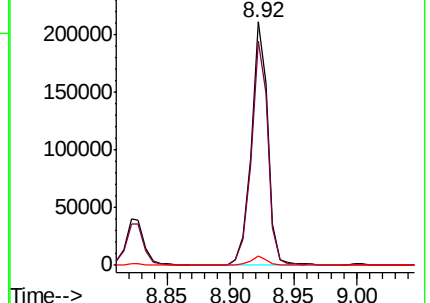
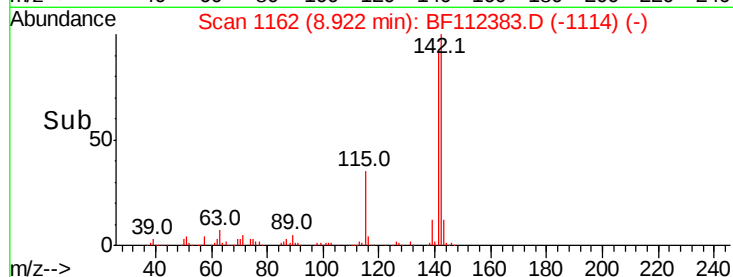
116 4.0 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

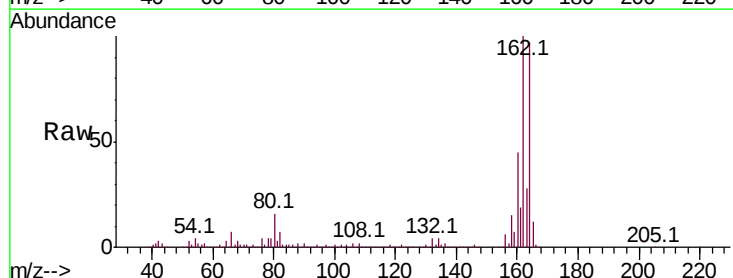
Tgt Ion:164 Resp: 340990

Ion Ratio Lower Upper

164 100

162 103.5 82.2 123.4

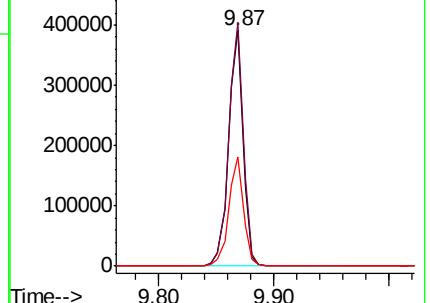
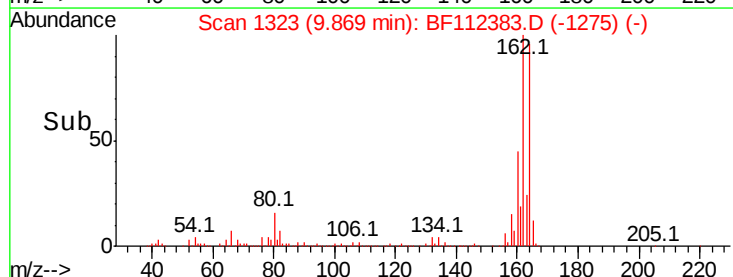
160 46.3 36.2 54.4

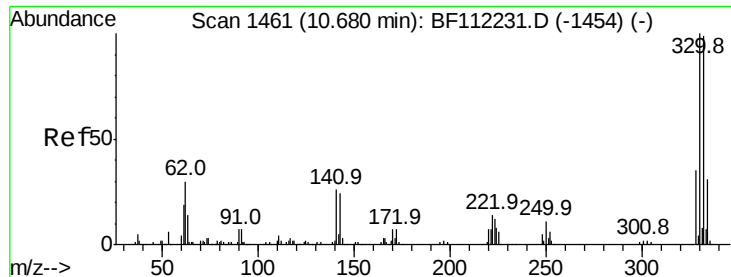


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

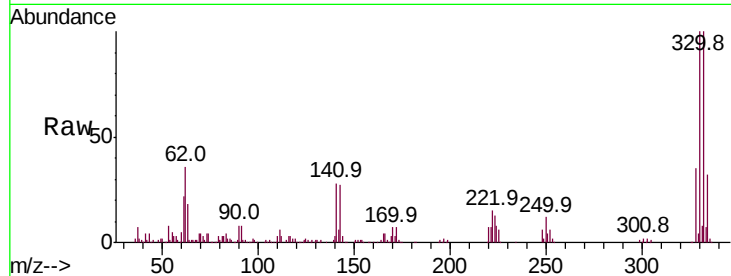




#42
 2,4,6-Tribromophenol
 Concen: 116.375 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112383.D
 Acq: 4 Feb 2019 16:39

Instrument :
 BNA_F
 ClientSampleID :
 COMP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	31.9	24.3	36.5

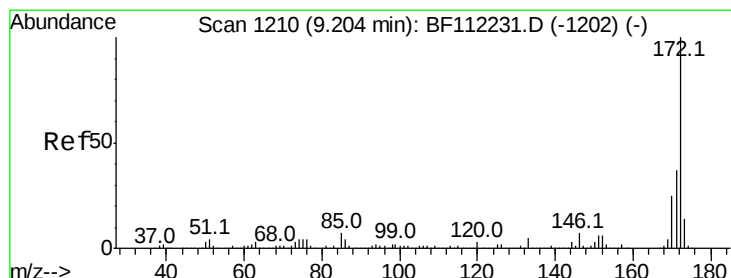
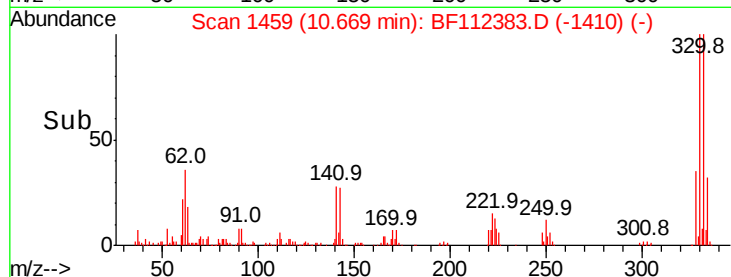
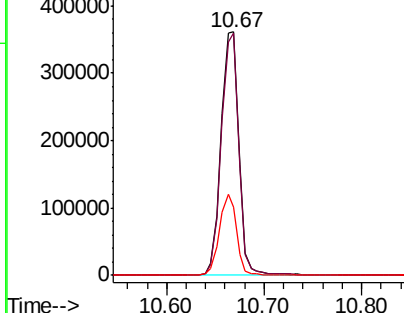


Abundance

Ion 329.80 (329.50 to 330.50): E

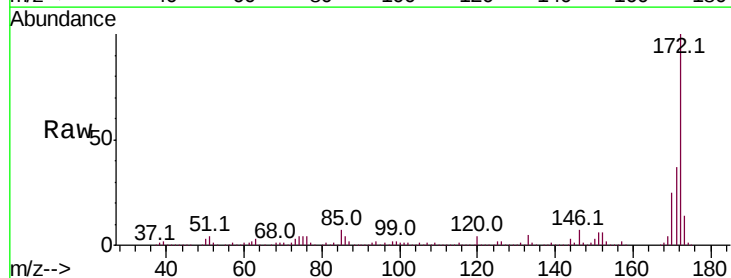
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 74.490 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112383.D
 Acq: 4 Feb 2019 16:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.2	30.4

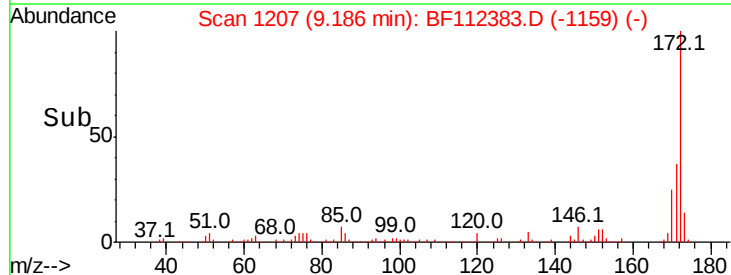
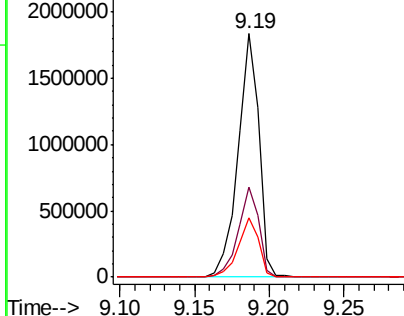


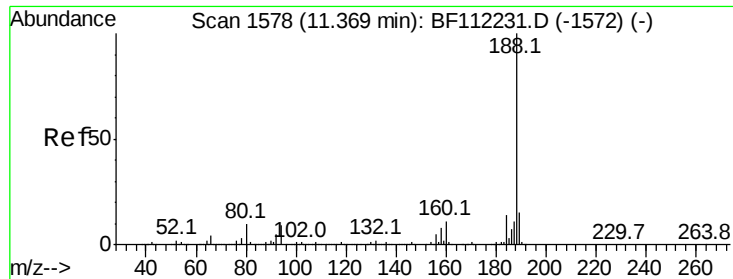
Abundance

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

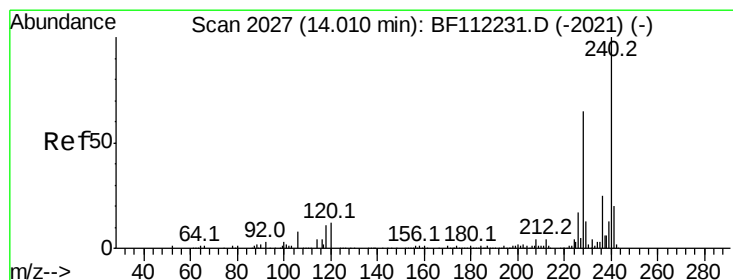
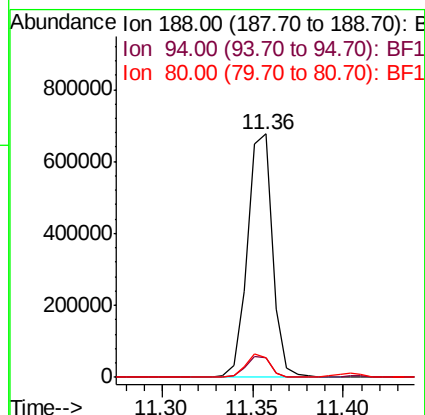
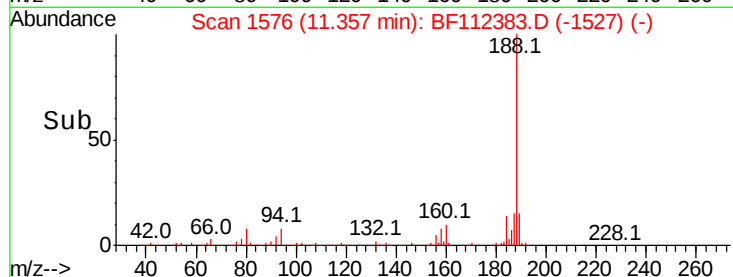
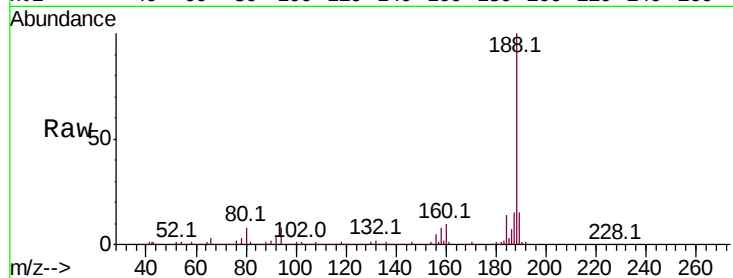




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

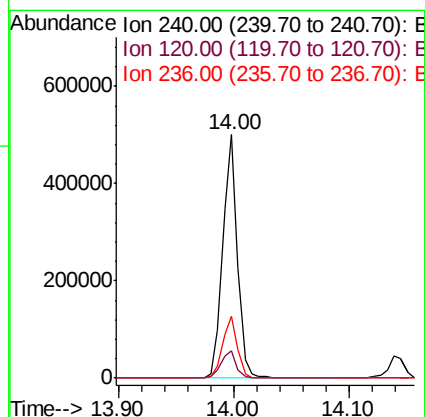
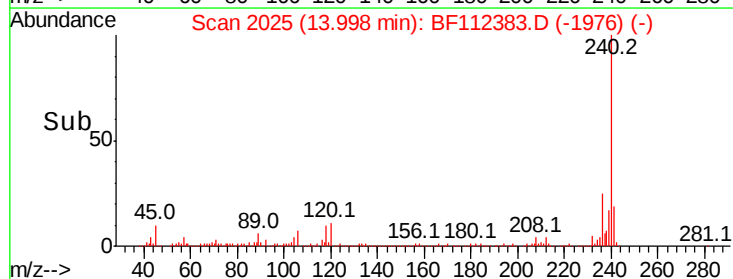
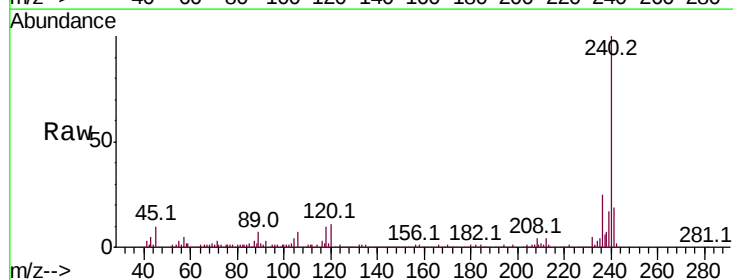
Instrument :
BNA_F
ClientSampleId :
COMP-3

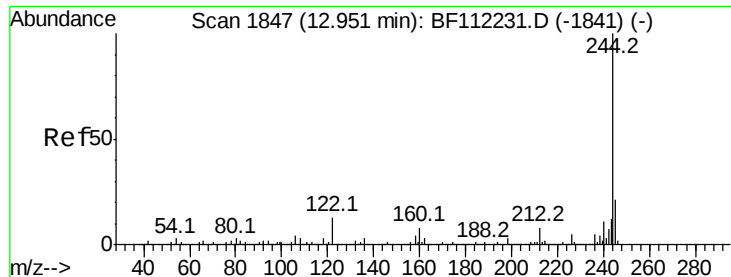
Tot Ion:188 Resp: 648053
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 8.0 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112383.D
Acq: 4 Feb 2019 16:39

Tgt Ion:240 Resp: 439887
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 78.803 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

Instrument :

BNA_F

ClientSampleId :

COMP-3

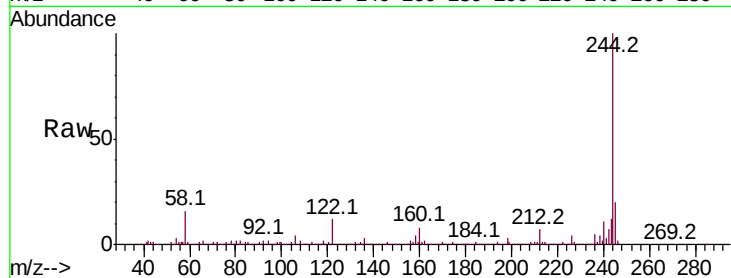
Tot Ion:244 Resp: 1840479

Ion Ratio Lower Upper

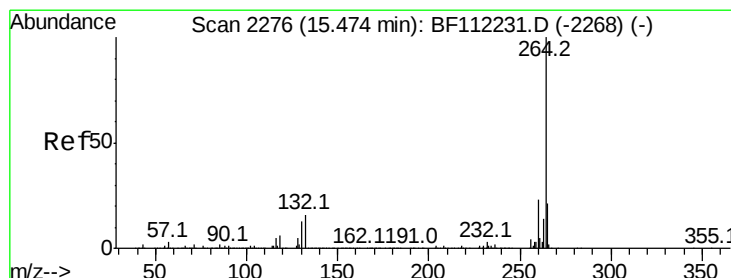
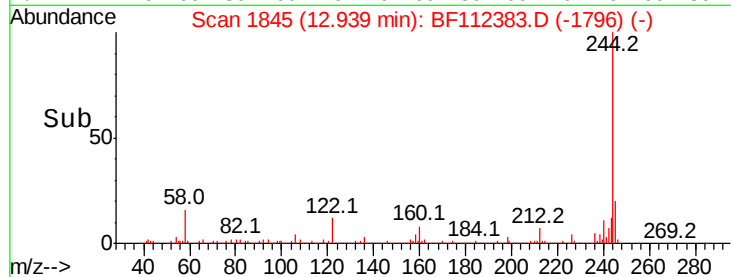
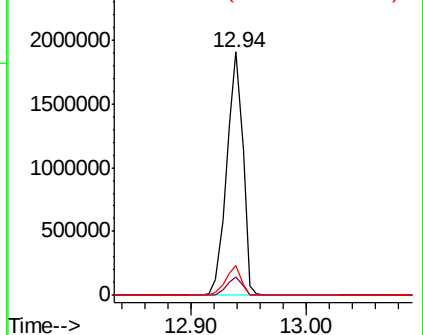
244 100

212 7.3 5.9 8.9

122 12.2 9.8 14.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112383.D

Acq: 4 Feb 2019 16:39

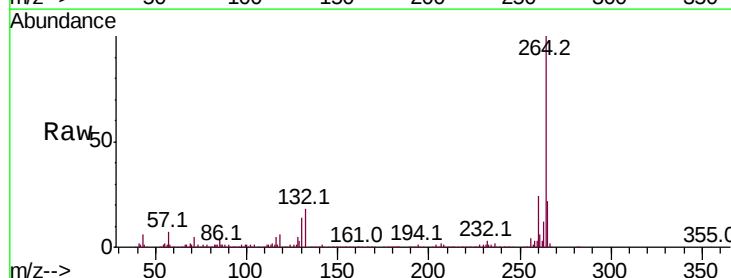
Tgt Ion:264 Resp: 374063

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 21.8 17.0 25.4



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

