

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084216.D
 Acq On : 1 Jan 2016 1:07
 Operator : UM/SJ
 Sample : G4985-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-20

Quant Time: Jan 02 02:17:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

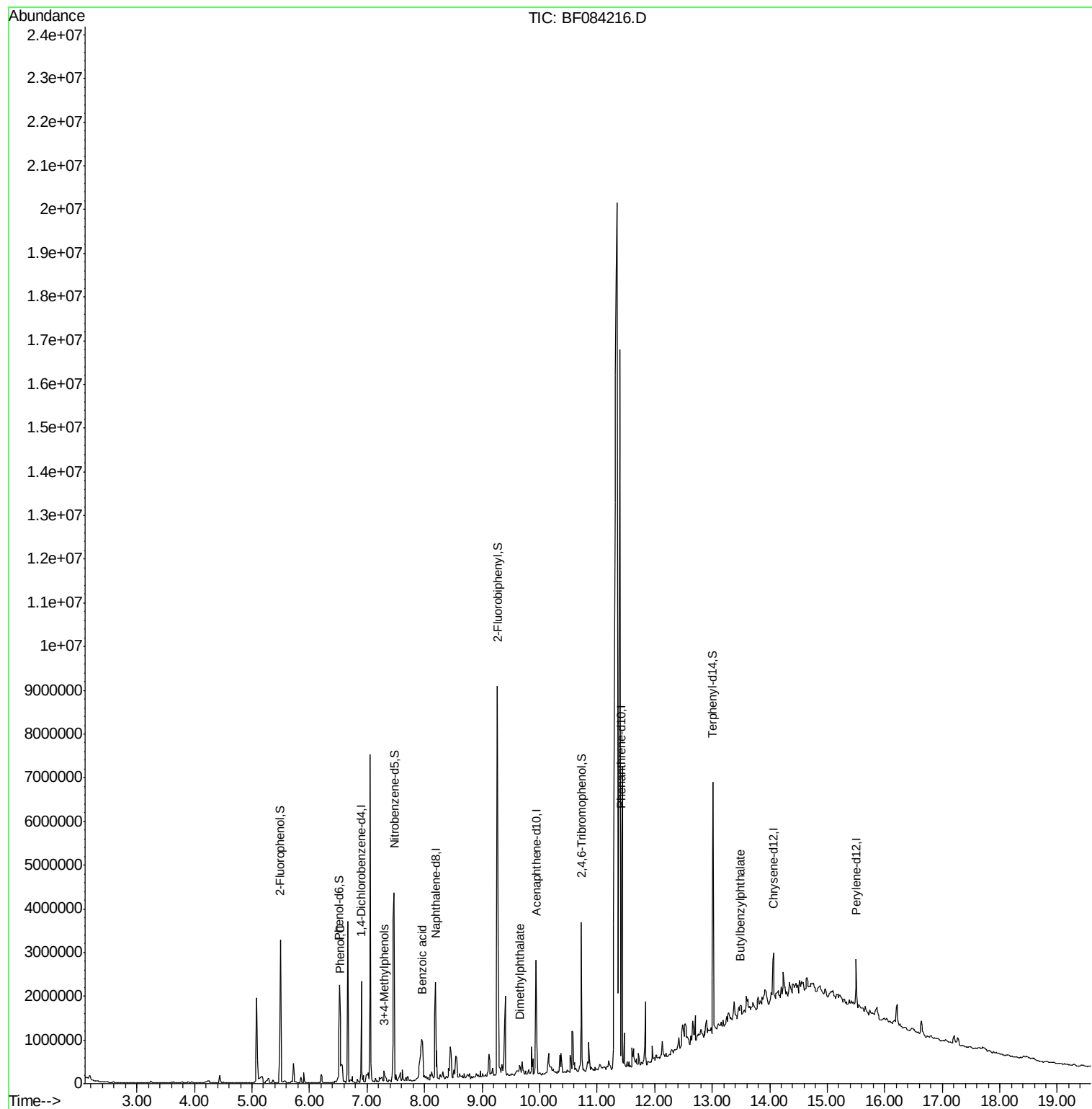
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	295659	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1221343	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	477178	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	674794	20.00	ng	0.00
75) Chrysene-d12	14.07	240	500536	20.00	ng	0.00
86) Perylene-d12	15.51	264	524846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	782754	42.82	ng	0.00
7) Phenol-d6	6.52	99	669868	29.18	ng	-0.01
23) Nitrobenzene-d5	7.47	82	1970632	89.80	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	372209	77.26	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2463429	91.28	ng	0.00
78) Terphenyl-d14	13.01	244	1595966	71.17	ng	0.00
Target Compounds						
10) Phenol	6.53	94	298176	11.42	ng	Qvalue 83
20) 3+4-Methylphenols	7.30	107	48106	2.35	ng	# 58
32) Benzoic acid	7.95	122	255457	23.09	ng	97
49) Dimethylphthalate	9.65	163	84957	2.49	ng	# 89
79) Butylbenzylphthalate	13.49	149	40726	2.40	ng	# 87

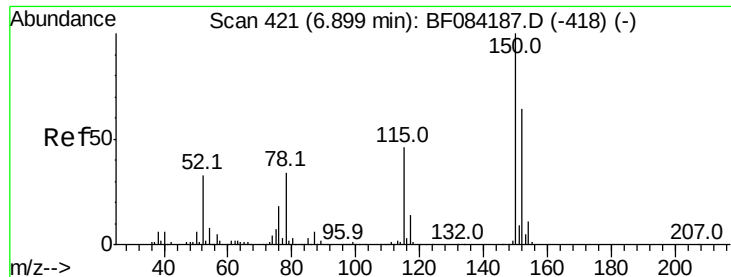
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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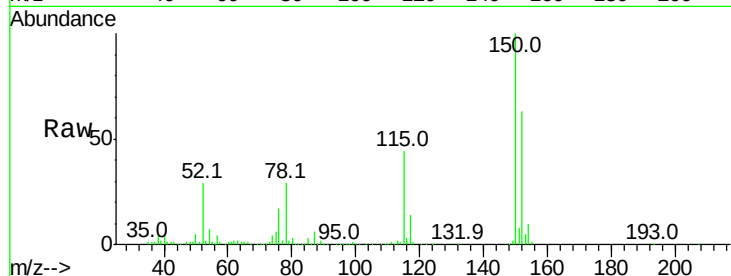


#1

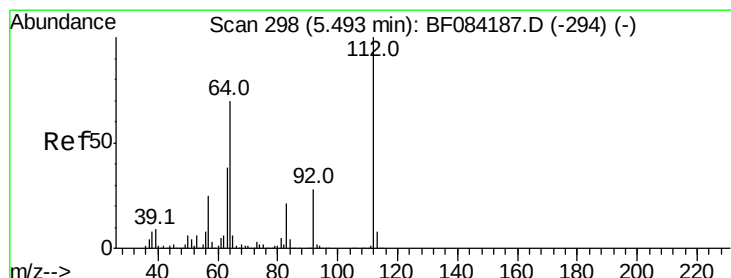
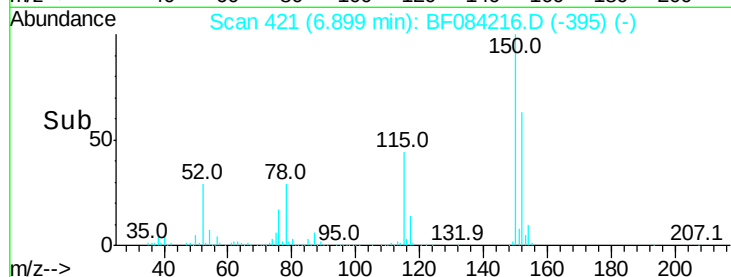
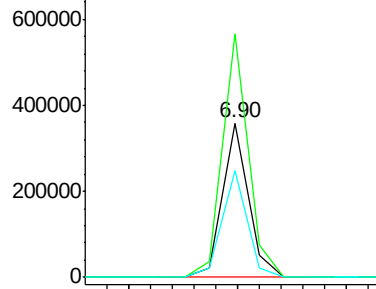
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

Instrument :
BNA_F
ClientSampleId :
TEC-20

Tot Ion:152 Resp: 295659
Ion Ratio Lower Upper
152 100
150 158.0 123.0 184.4
115 69.4 51.4 77.2



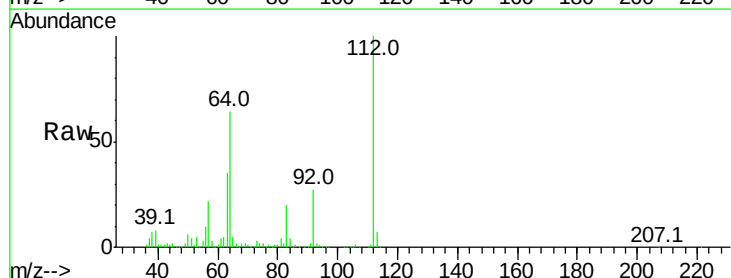
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



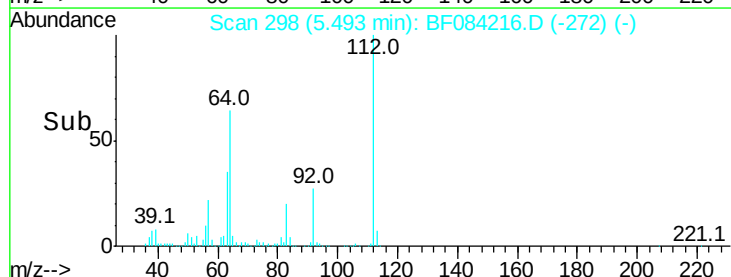
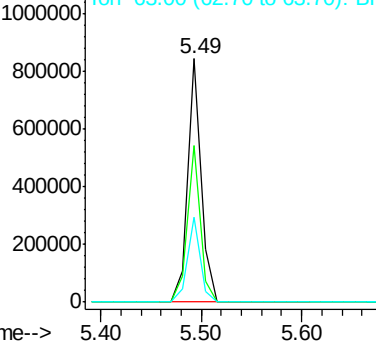
#5

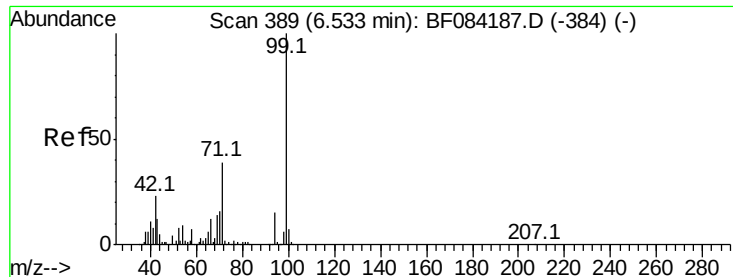
2-Fluorophenol
Concen: 42.82 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

Tgt Ion:112 Resp: 782754
Ion Ratio Lower Upper
112 100
64 64.4 36.6 55.0#
63 35.0 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.18 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Instrument :

BNA_F

ClientSampleId :

TEC-20

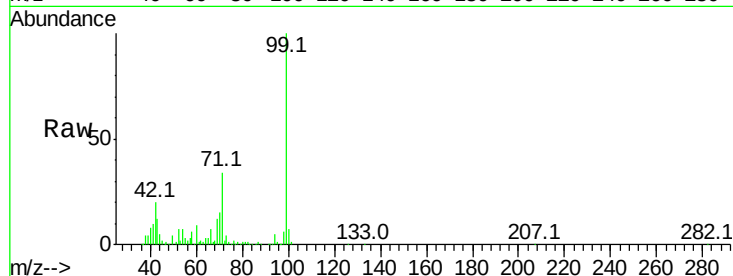
Tot Ion: 99 Resp: 669868

Ion Ratio Lower Upper

99 100

42 20.3 12.8 19.2#

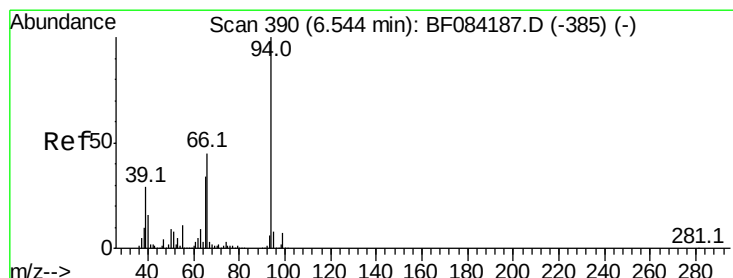
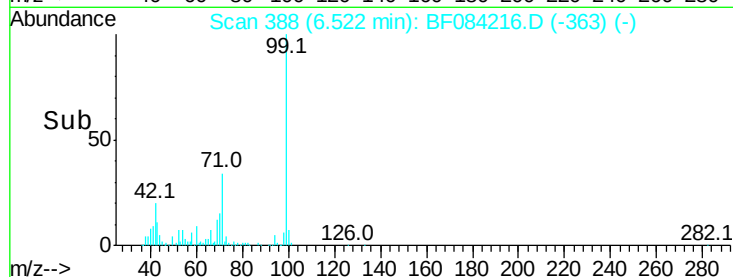
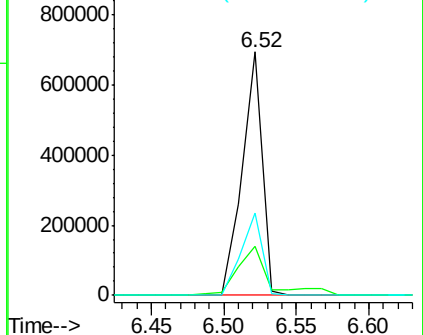
71 33.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 11.42 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

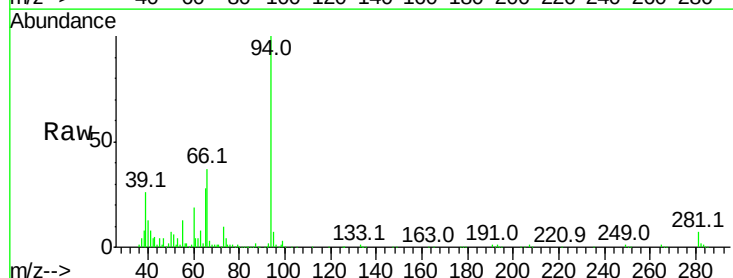
Tgt Ion: 94 Resp: 298176

Ion Ratio Lower Upper

94 100

65 28.0 12.9 52.9

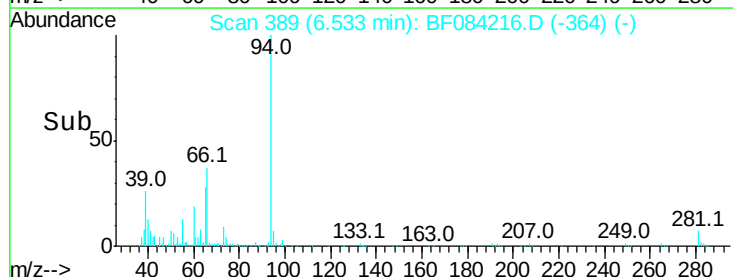
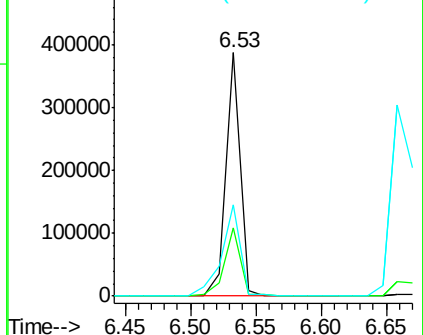
66 37.5 32.7 72.7

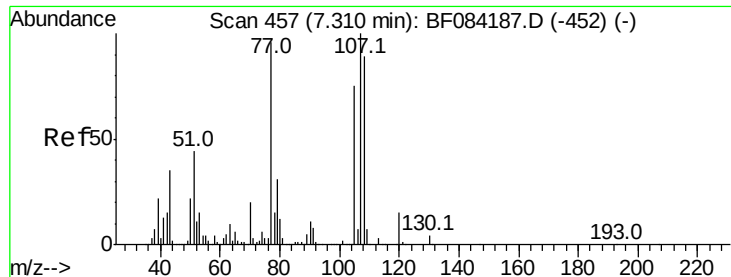


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#20

3+4-Methylphenols

Concen: 2.35 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Instrument :

BNA_F

ClientSampleId :

TEC-20

Tot Ion:107 Resp: 48106

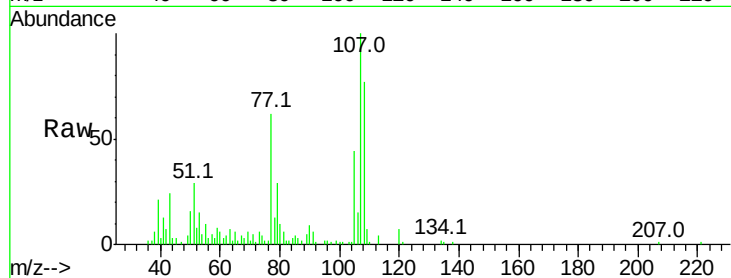
Ion Ratio Lower Upper

107 100

108 76.6 64.1 104.1

77 61.6 128.9 168.9#

79 28.9 9.6 49.6

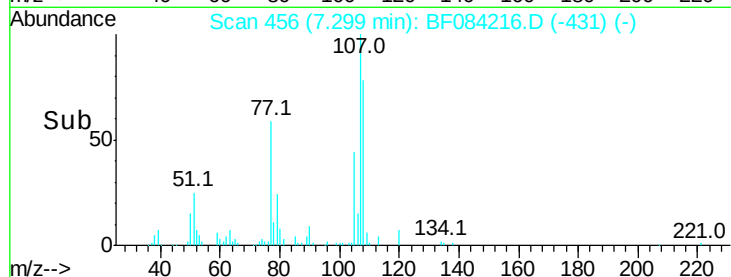


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

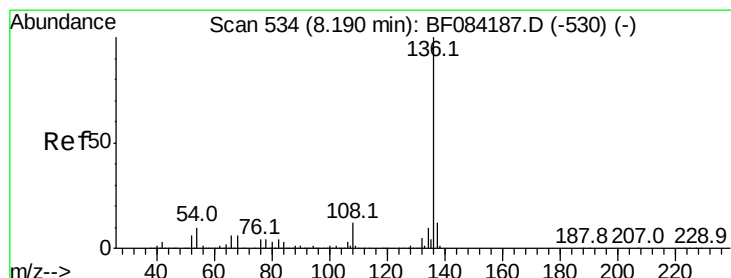
Ion 79.00 (78.70 to 79.70): BF0



Abundance

7.30

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Tgt Ion:136 Resp: 1221343

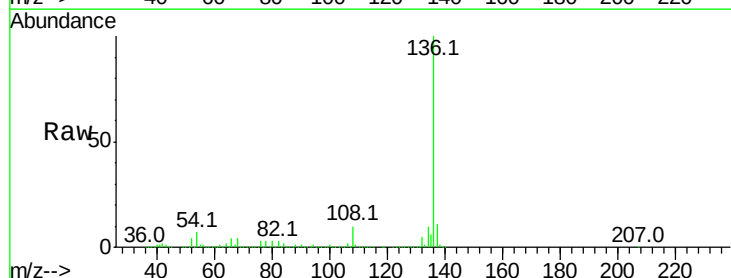
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 6.7 5.8 8.8

68 4.4 4.2 6.2

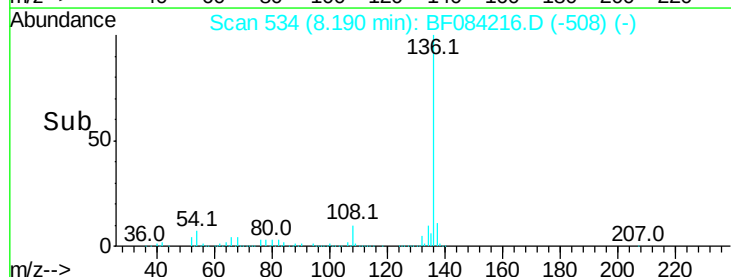


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

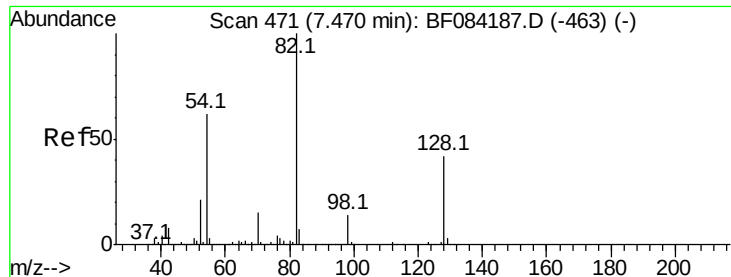
Ion 68.00 (67.70 to 68.70): BF0



Abundance

8.19

Time-->



#23

Nitrobenzene-d5

Concen: 89.80 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Instrument :

BNA_F

ClientSampled :

TEC-20

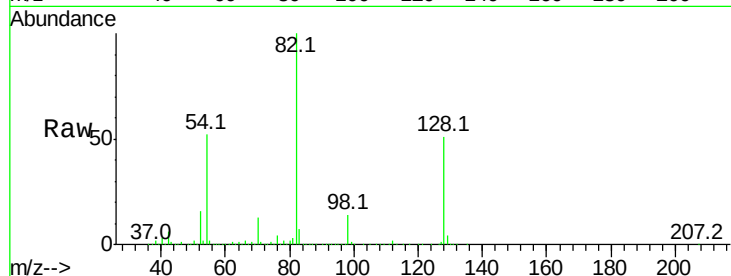
Tot Ion: 82 Resp: 1970632

Ion Ratio Lower Upper

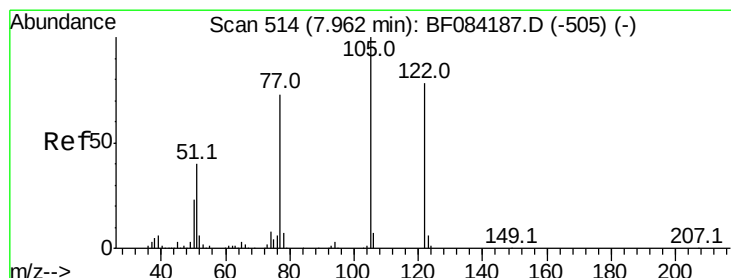
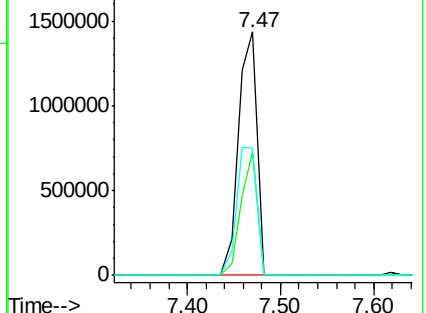
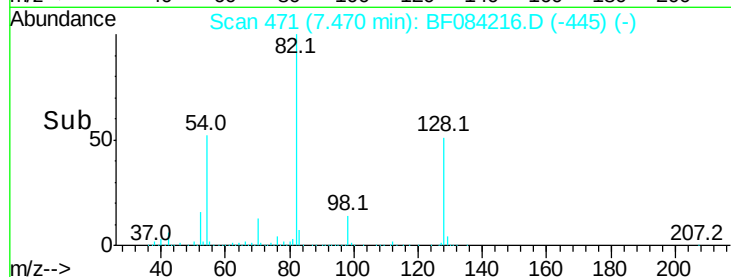
82 100

128 50.6 34.6 51.8

54 52.1 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#32

Benzoic acid

Concen: 23.09 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

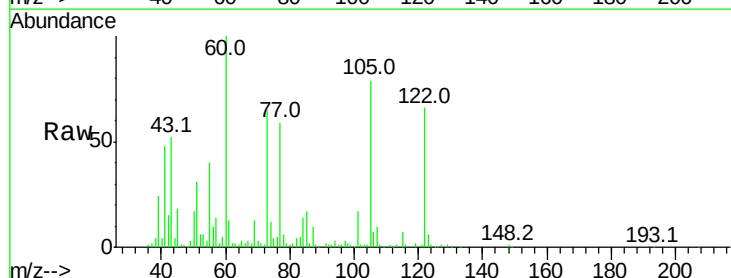
Tgt Ion: 122 Resp: 255457

Ion Ratio Lower Upper

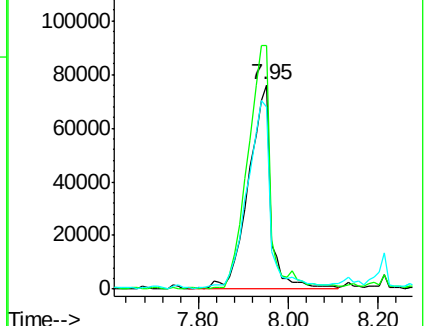
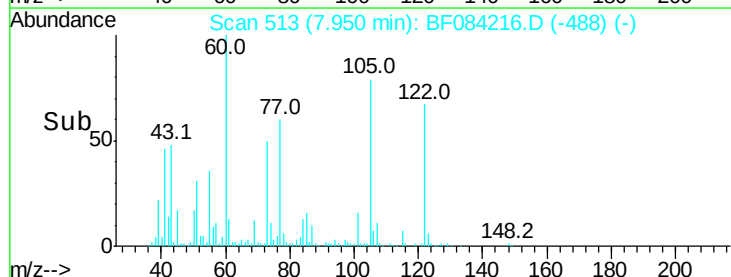
122 100

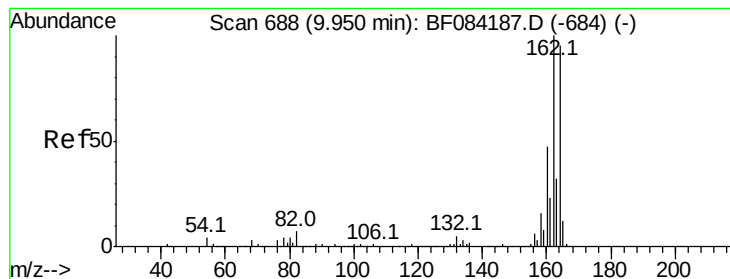
105 119.2 100.3 140.3

77 89.3 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Instrument :

BNA_F

ClientSampleId :

TEC-20

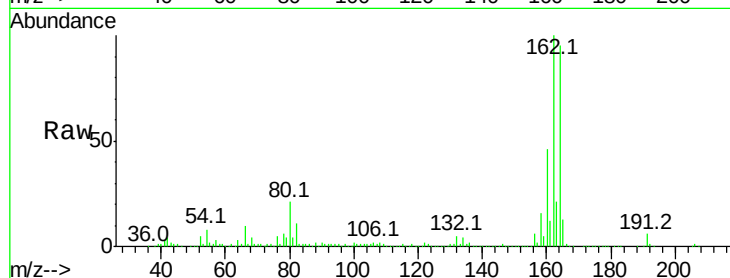
Tot Ion:164 Resp: 477178

Ion Ratio Lower Upper

164 100

162 104.8 85.1 127.7

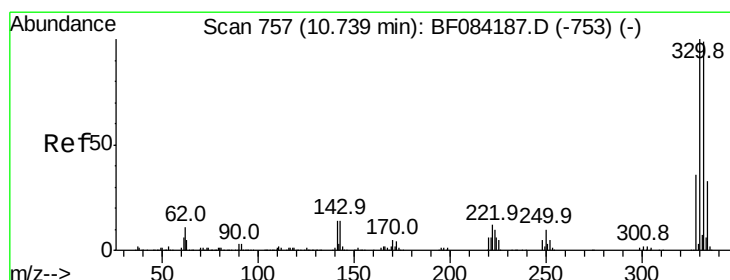
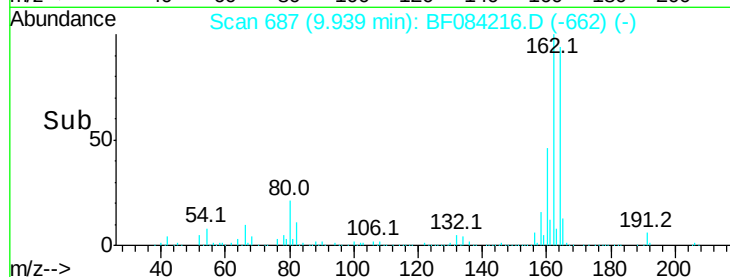
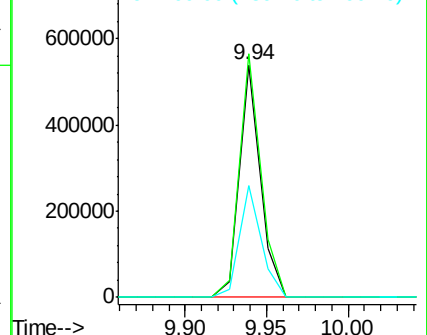
160 47.9 37.5 56.3



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



#41

2,4,6-Tribromophenol

Concen: 77.26 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

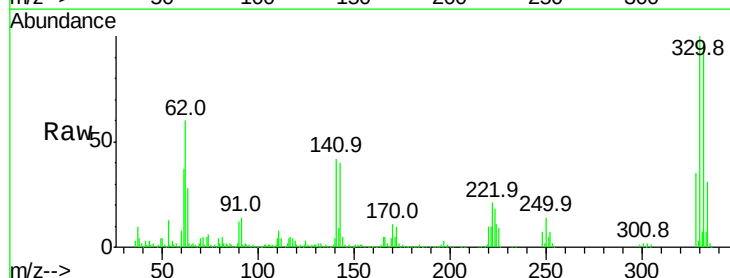
Tgt Ion:330 Resp: 372209

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

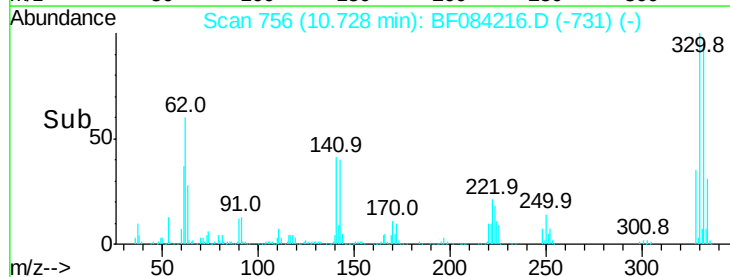
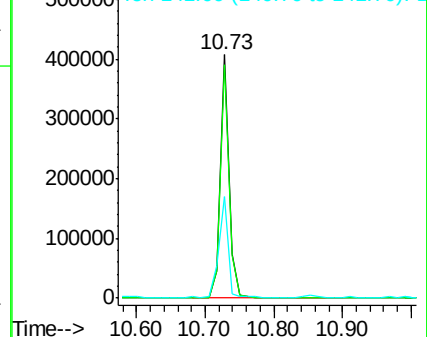
141 44.0 27.8 41.6#

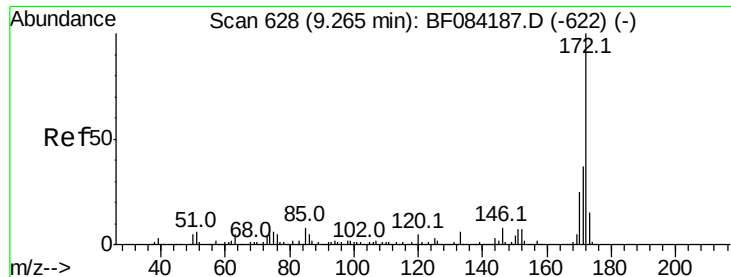


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

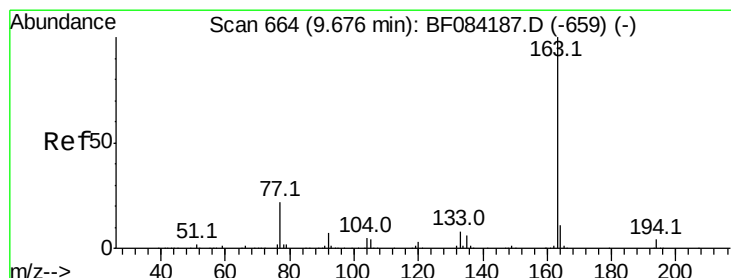
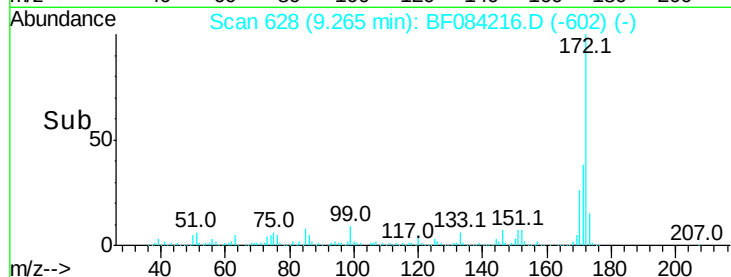
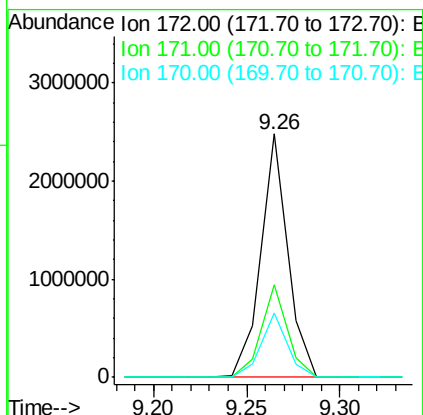
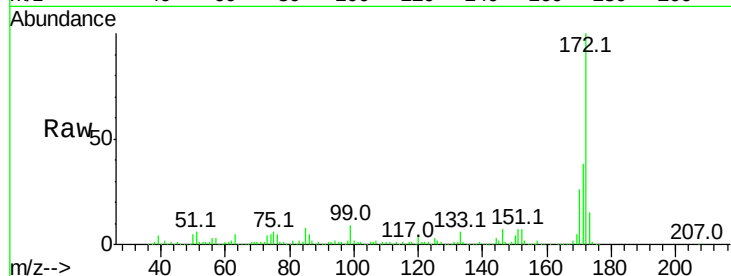




#44
2-Fluorobiphenyl
Concen: 91.28 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

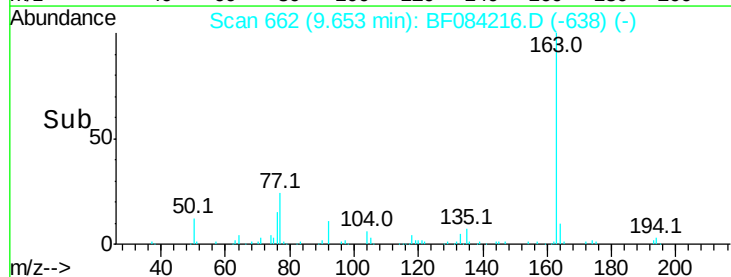
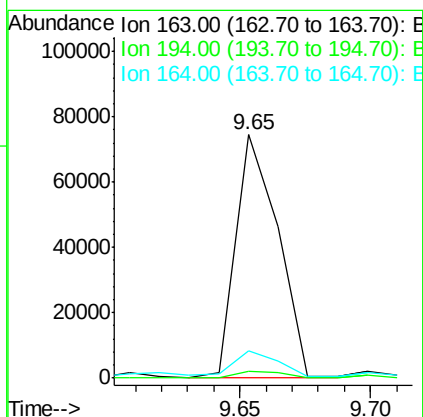
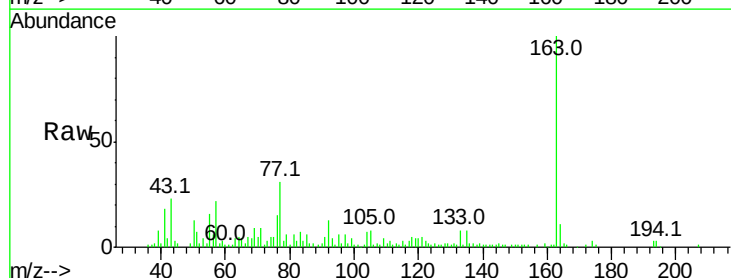
Instrument :
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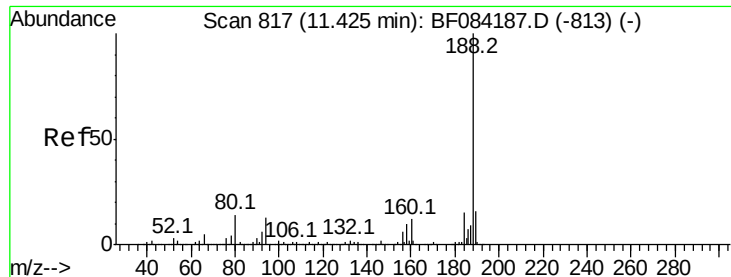
Tot Ion:172 Resp: 2463429
Ion Ratio Lower Upper
172 100
171 38.0 28.9 43.3
170 26.4 18.6 27.8



#49
Dimethylphthalate
Concen: 2.49 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

Tgt Ion:163 Resp: 84957
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 11.0 8.0 12.0

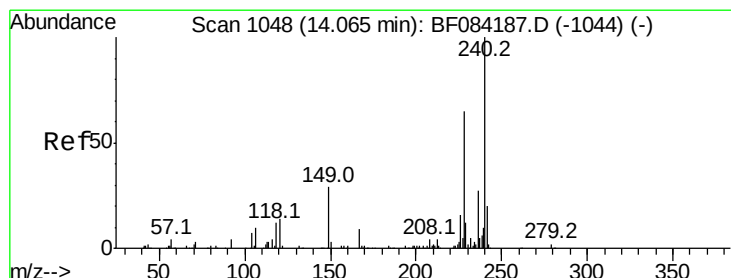
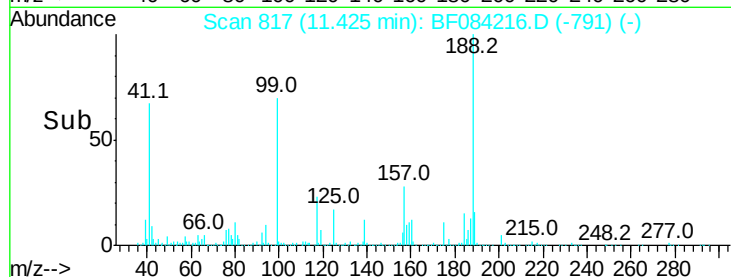
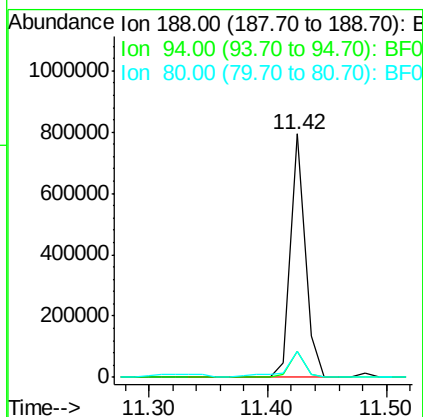
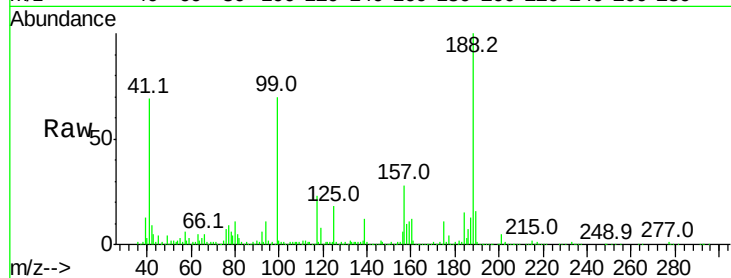




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

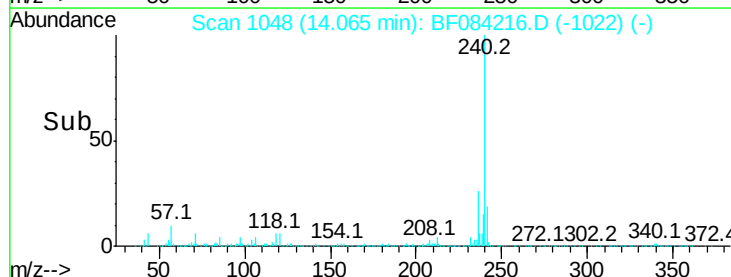
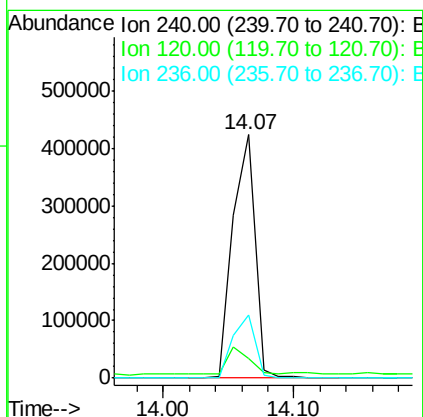
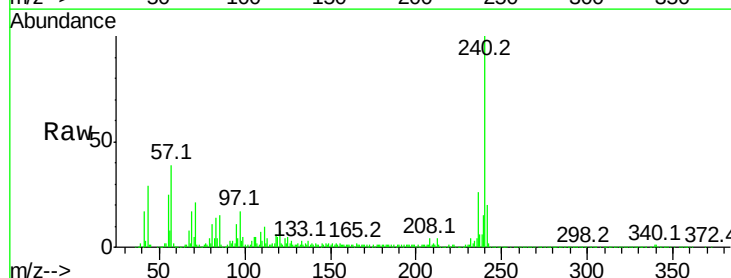
Instrument :
BNA_F
ClientSampleId :
TEC-20

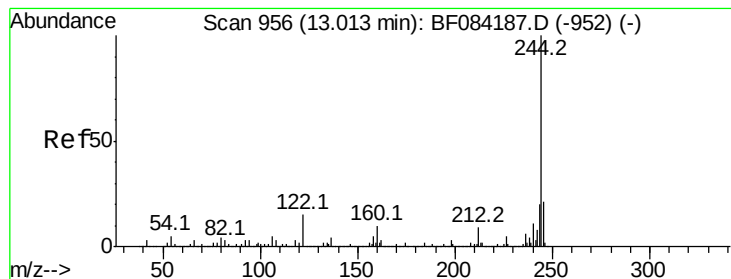
Tot Ion:188 Resp: 674794
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 10.9 9.6 14.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

Tgt Ion:240 Resp: 500536
Ion Ratio Lower Upper
240 100
120 7.9 9.5 14.3#
236 25.8 20.6 31.0





#78

Terphenyl-d14

Concen: 71.17 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

Instrument :

BNA_F

ClientSampleId :

TEC-20

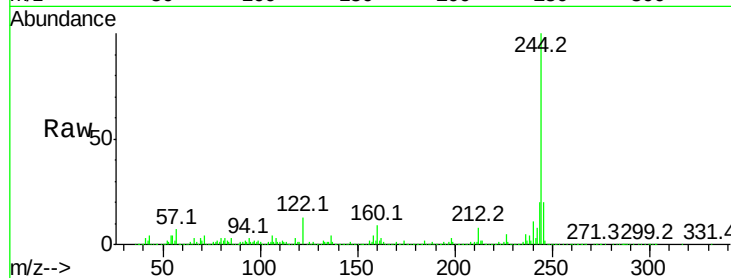
Tot Ion:244 Resp: 1595966

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

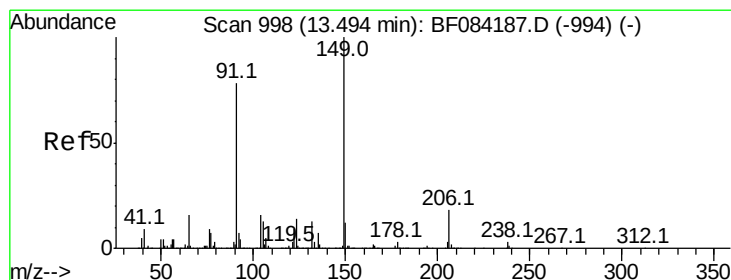
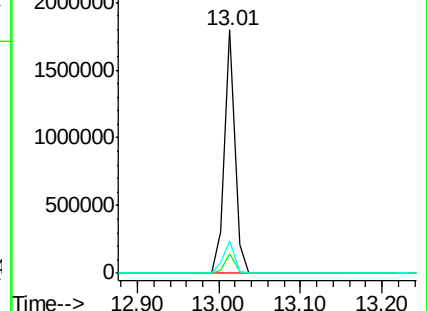
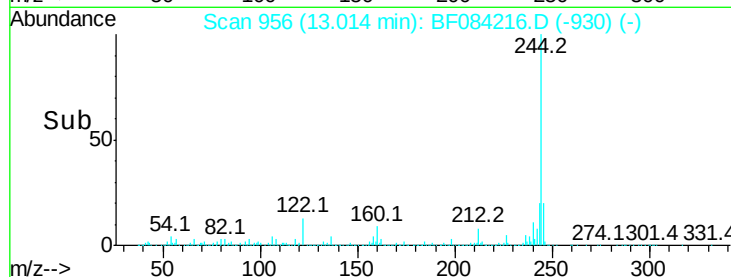
122 13.3 7.4 11.0#



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



#79

Butylbenzylphthalate

Concen: 2.40 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084216.D

Acq: 1 Jan 2016 1:07

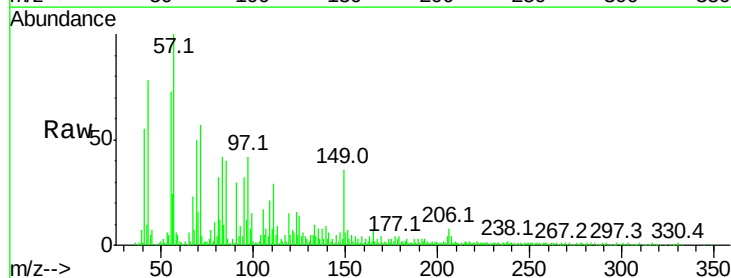
Tgt Ion:149 Resp: 40726

Ion Ratio Lower Upper

149 100

91 82.8 57.6 86.4

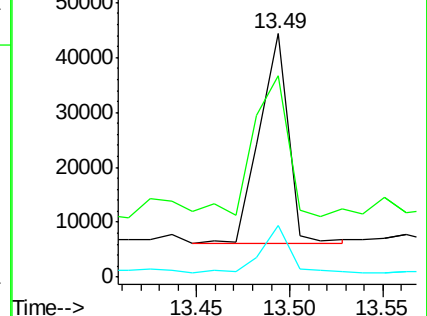
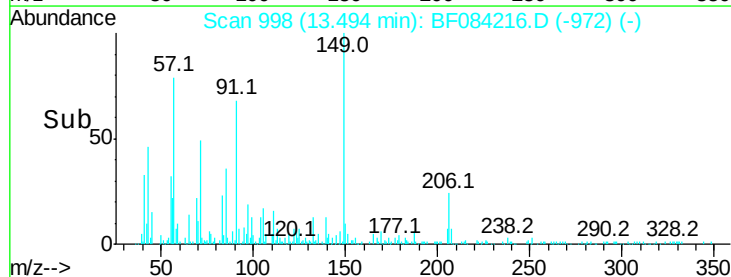
206 21.2 13.2 19.8#

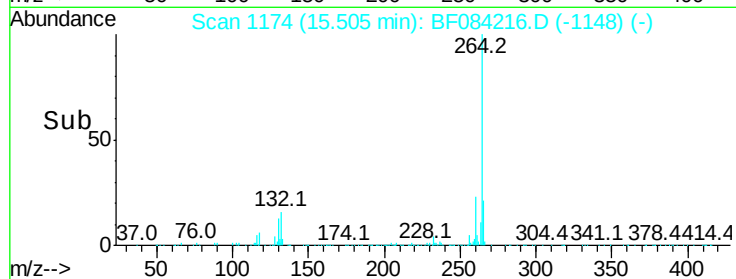
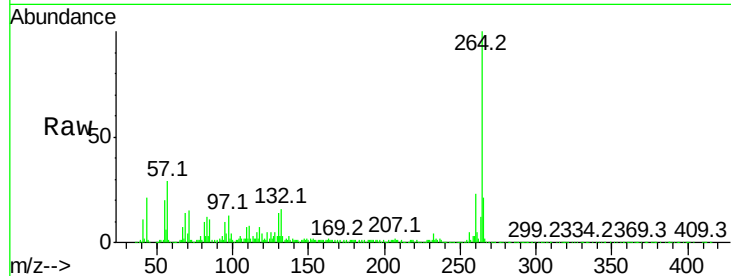
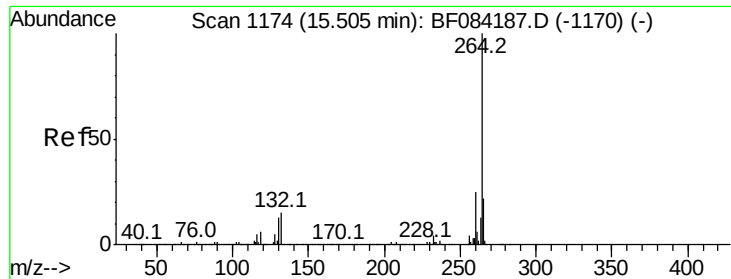


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084216.D
Acq: 1 Jan 2016 1:07

Instrument :
BNA_F
ClientSampleId :
TEC-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	20.9	17.8	26.6

