

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084495.D
 Acq On : 15 Jan 2016 17:13
 Operator : SJ/UM
 Sample : H1114-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-22

Quant Time: Jan 16 02:34:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

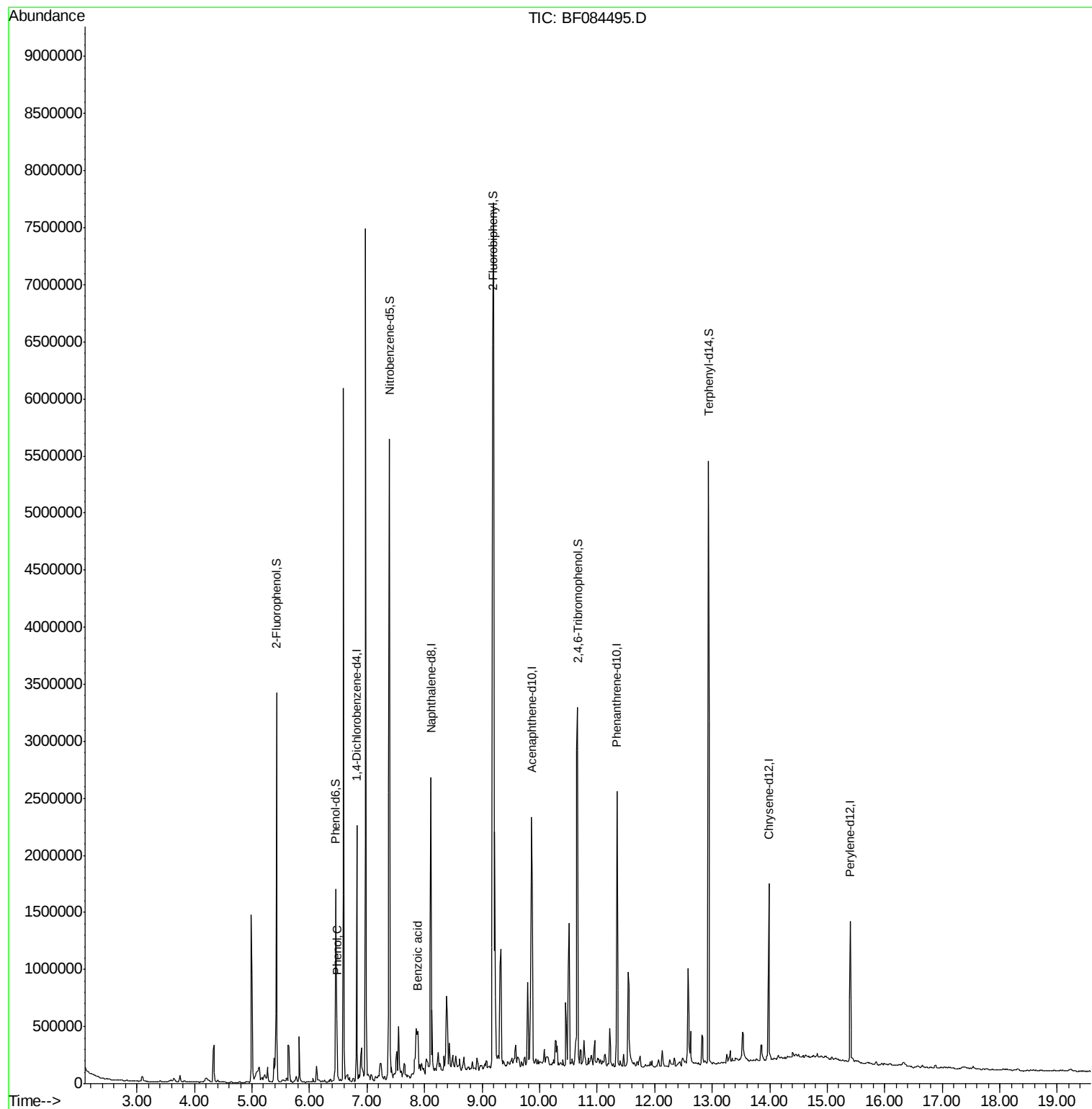
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	296620	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1277773	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	521056	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	874647	20.00	ng	0.00
75) Chrysene-d12	13.99	240	619498	20.00	ng	0.00
86) Perylene-d12	15.40	264	538007	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	855889	46.67	ng	0.00
7) Phenol-d6	6.45	99	654223	28.41	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1962894	85.50	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	551946	104.92	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	3307861	113.82	ng	0.00
78) Terphenyl-d14	12.93	244	2053115	73.98	ng	0.00
Target Compounds						
10) Phenol	6.48	94	224285	8.56	ng	Qvalue # 73
32) Benzoic acid	7.87	122	168626	16.88	ng	94

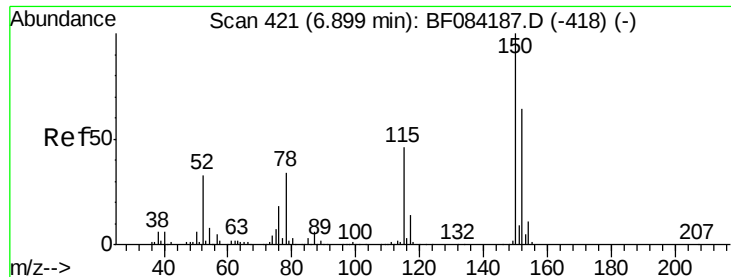
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

Instrument :

BNA_F

ClientSampled :

TEC-22

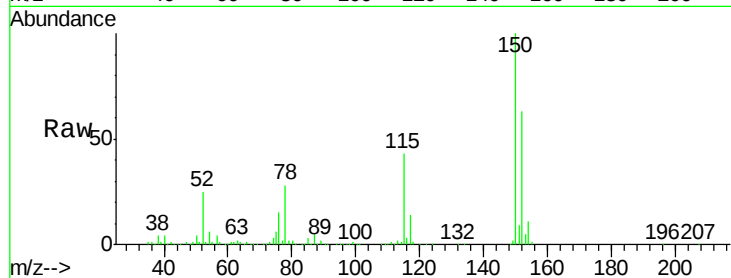
Tot Ion:152 Resp: 296620

Ion Ratio Lower Upper

152 100

150 159.6 123.0 184.4

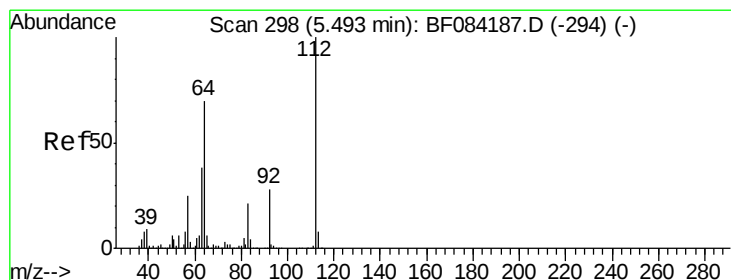
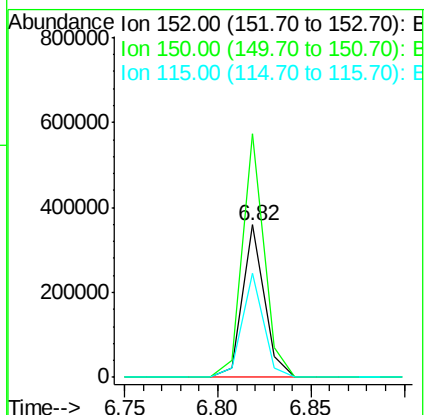
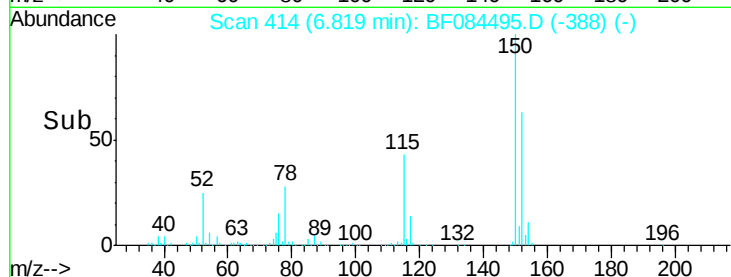
115 68.0 51.4 77.2



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: 46.67 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

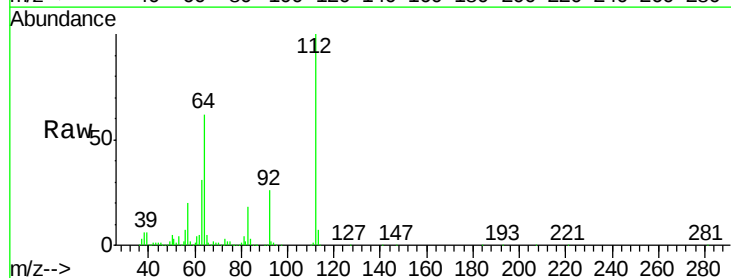
Tgt Ion:112 Resp: 855889

Ion Ratio Lower Upper

112 100

64 61.9 36.6 55.0#

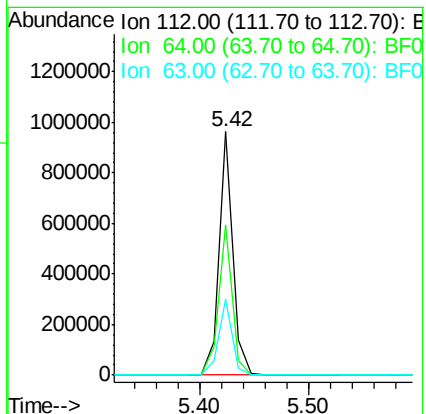
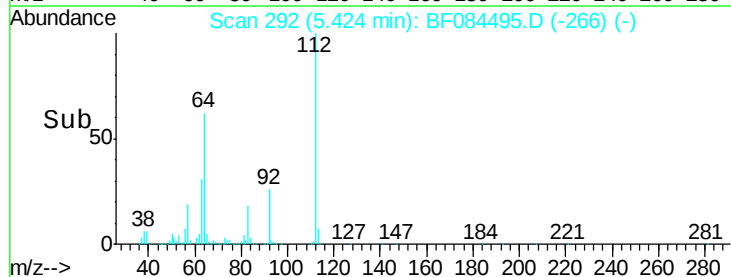
63 31.4 19.4 29.0#

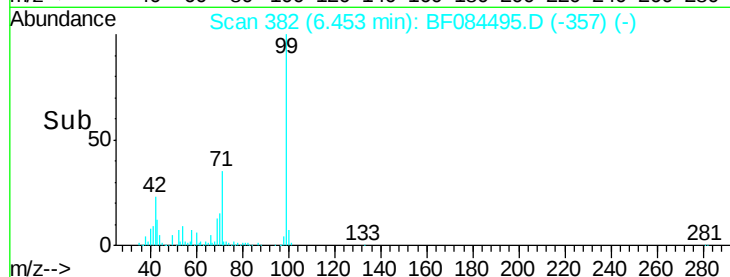
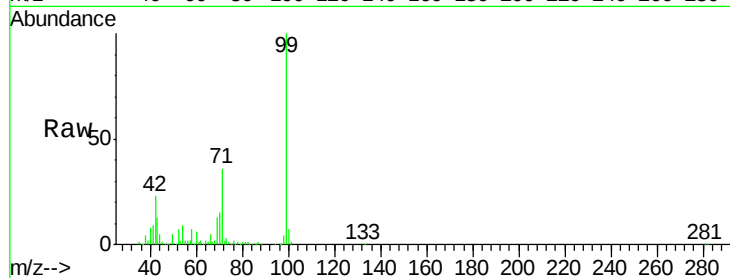
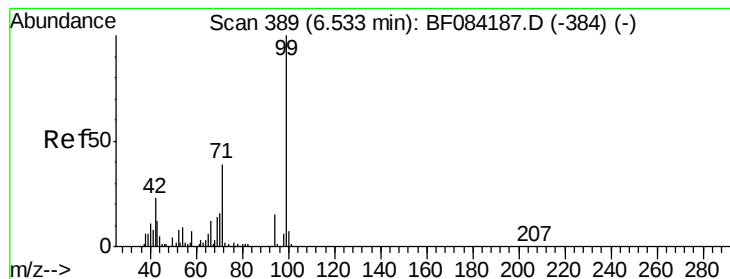


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 28.41 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

Instrument :

BNA_F

ClientSampleId :

TEC-22

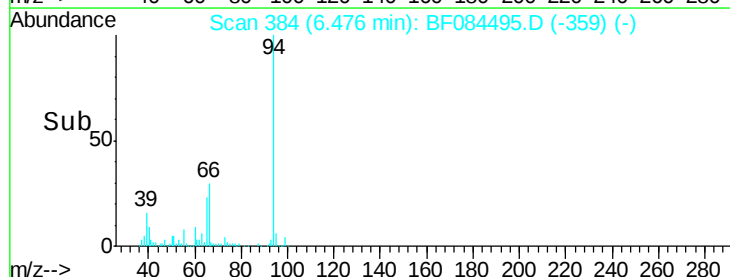
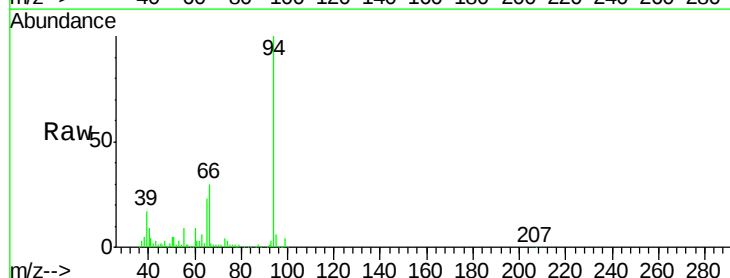
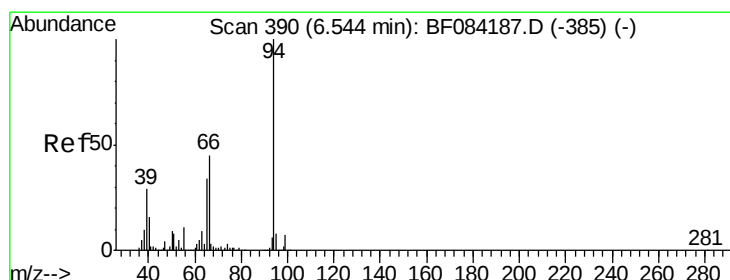
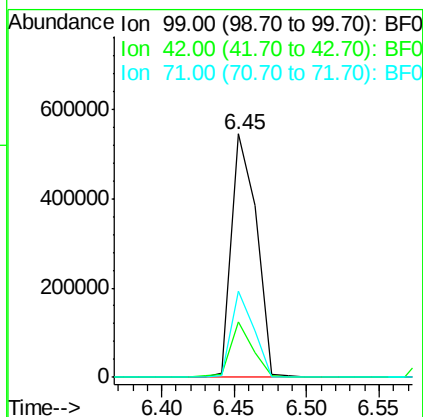
Tot Ion: 99 Resp: 654223

Ion Ratio Lower Upper

99 100

42 22.9 12.8 19.2#

71 35.6 30.9 46.3



#10

Phenol

Concen: 8.56 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

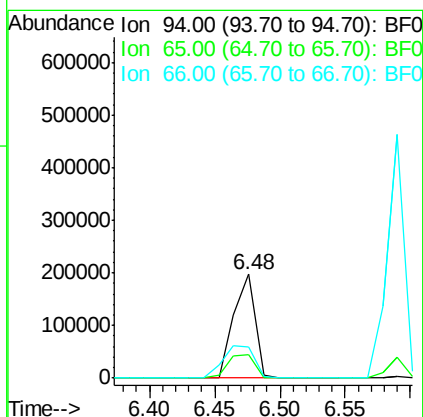
Tgt Ion: 94 Resp: 224285

Ion Ratio Lower Upper

94 100

65 22.6 12.9 52.9

66 29.6 32.7 72.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

Instrument :

BNA_F

ClientSampleId :

TEC-22

Tot Ion:136 Resp: 1277773

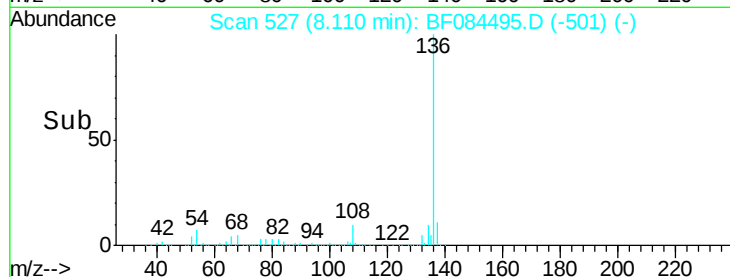
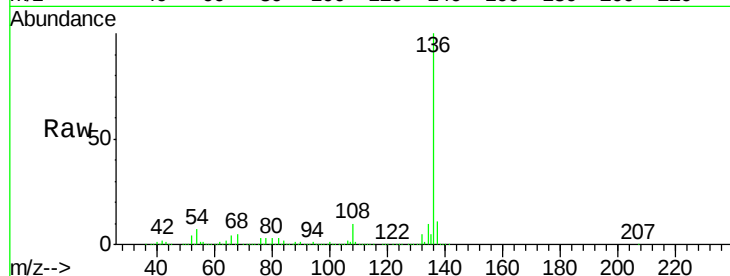
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.4 5.8 8.8

68 5.0 4.2 6.2

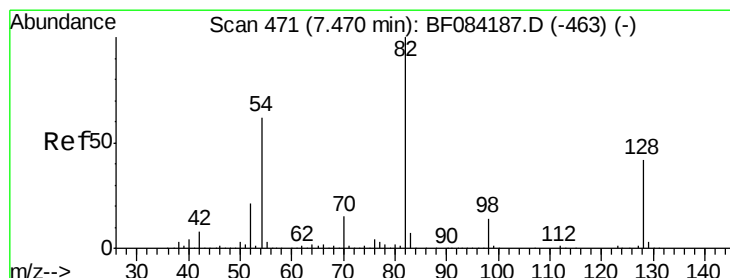
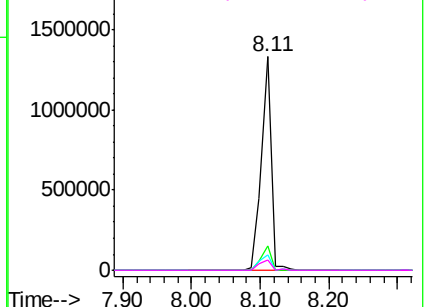


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.50 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

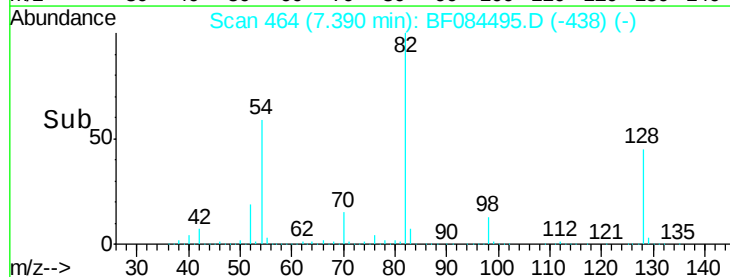
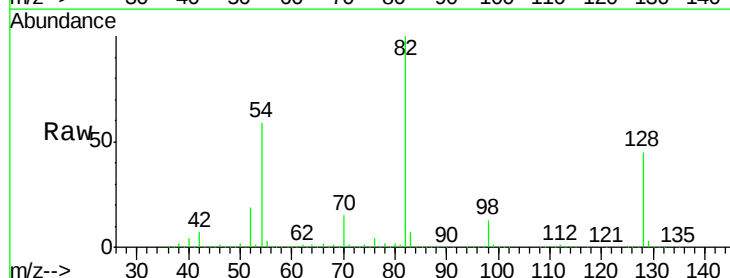
Tgt Ion: 82 Resp: 1962894

Ion Ratio Lower Upper

82 100

128 44.9 34.6 51.8

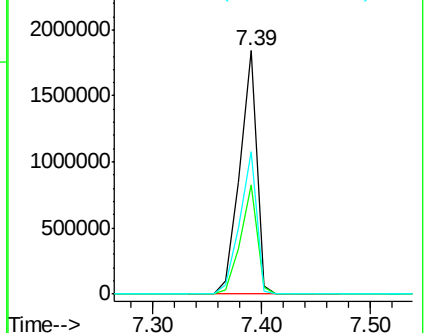
54 58.7 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

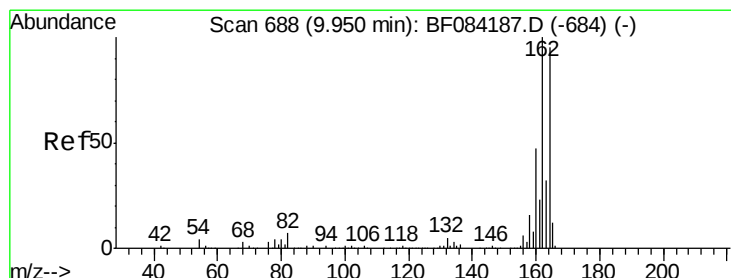
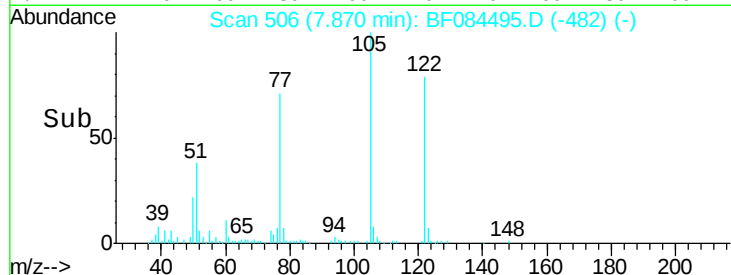
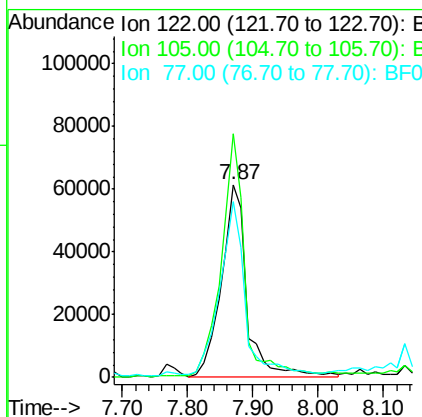
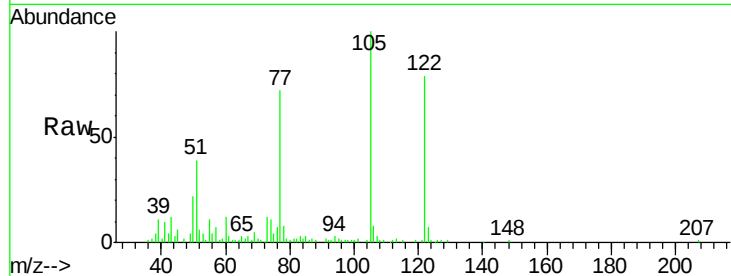




#32
Benzoic acid
Concen: 16.88 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF084495.D
Acq: 15 Jan 2016 17:13

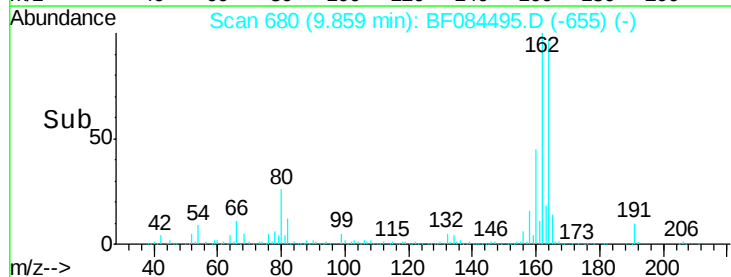
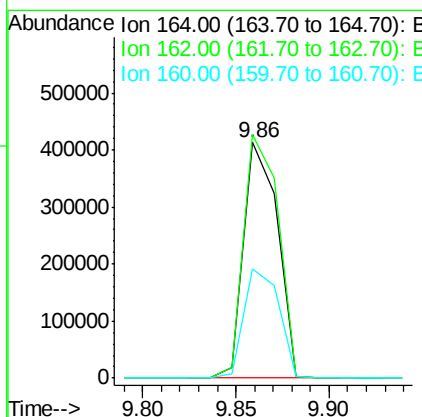
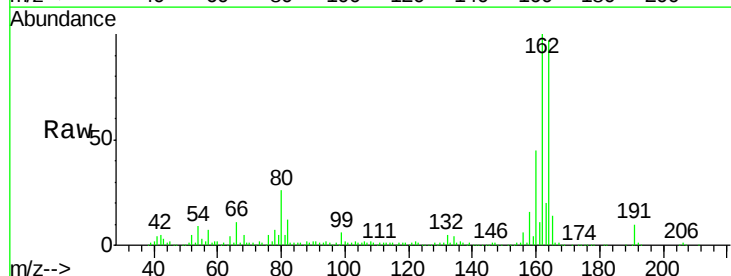
Instrument :
BNA_F
ClientSampleId :
TEC-22

Tot Ion:122 Resp: 168626
Ion Ratio Lower Upper
122 100
105 126.2 100.3 140.3
77 90.8 63.5 103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084495.D
Acq: 15 Jan 2016 17:13

Tgt Ion:164 Resp: 521056
Ion Ratio Lower Upper
164 100
162 103.3 85.1 127.7
160 46.1 37.5 56.3

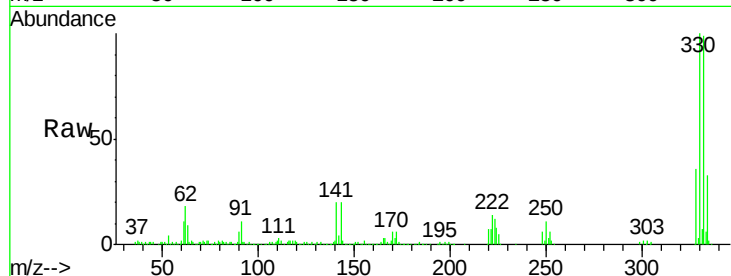




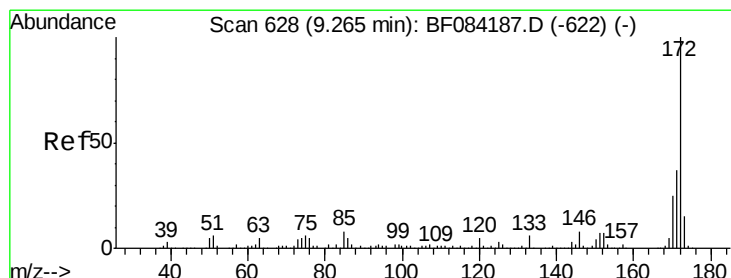
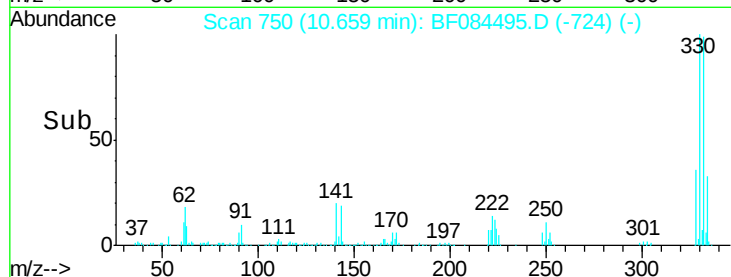
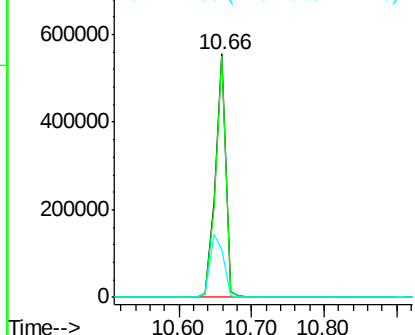
#41
 2,4,6-Tribromophenol
 Concen: 104.92 ng
 RT: 10.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF084495.D
 Acq: 15 Jan 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 TEC-22

Tot Ion:330 Resp: 551946
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 33.7 27.8 41.6

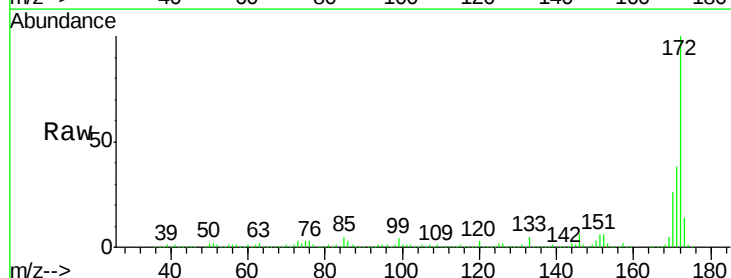


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

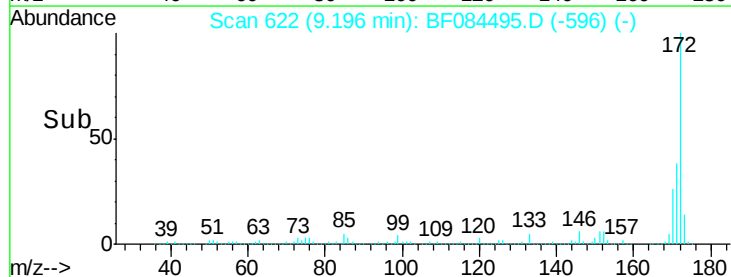
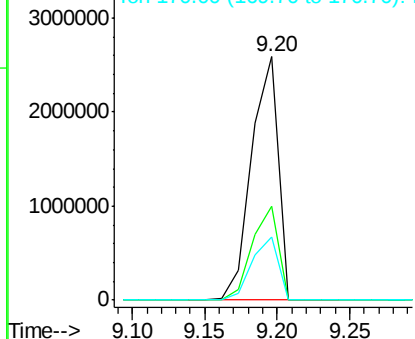


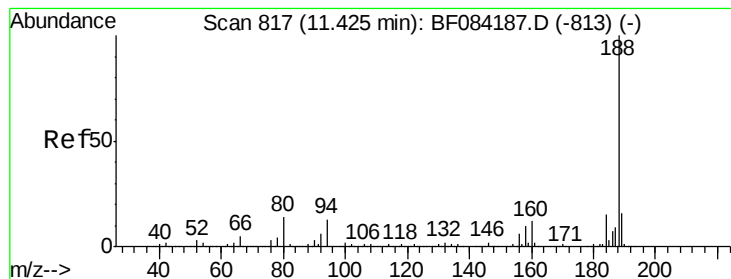
#44
 2-Fluorobiphenyl
 Concen: 113.82 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084495.D
 Acq: 15 Jan 2016 17:13

Tgt Ion:172 Resp: 3307861
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.9 43.3
 170 26.2 18.6 27.8



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

Instrument :

BNA_F

ClientSampleId :

TEC-22

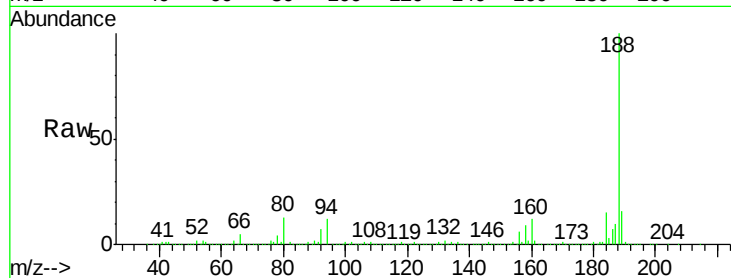
Tot Ion:188 Resp: 874647

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

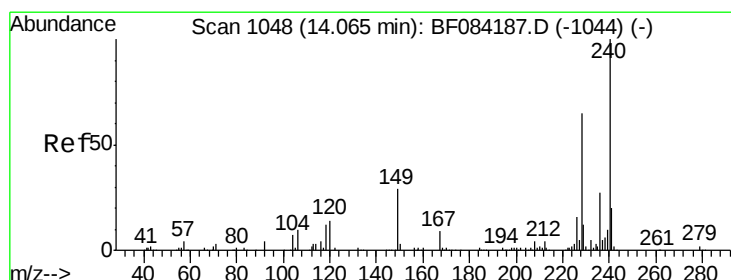
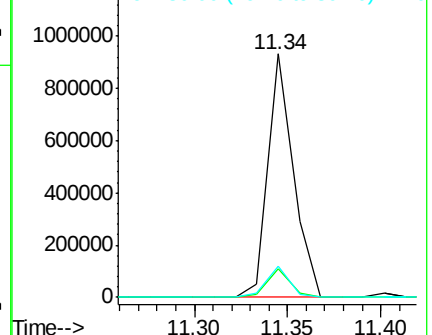
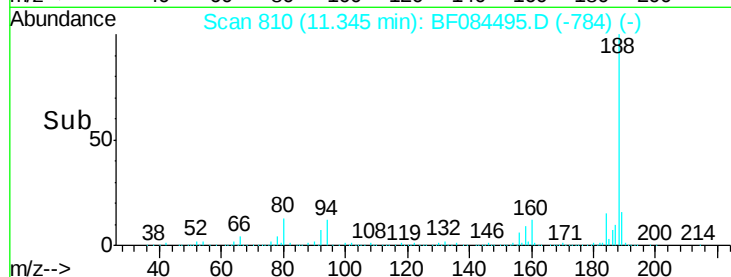
80 12.8 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

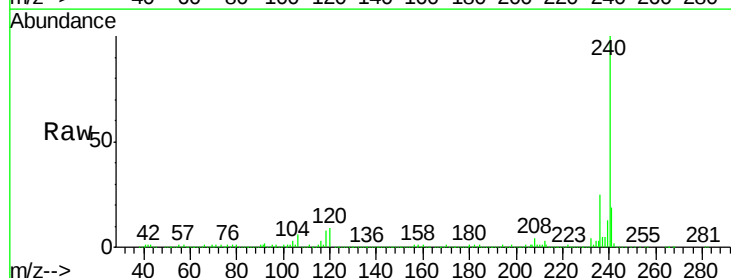
Tgt Ion:240 Resp: 619498

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

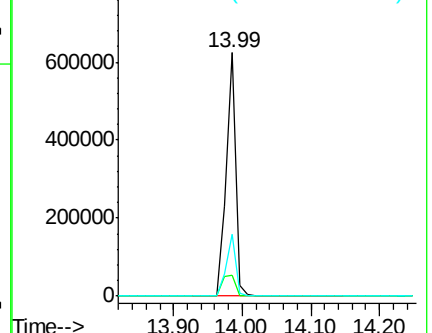
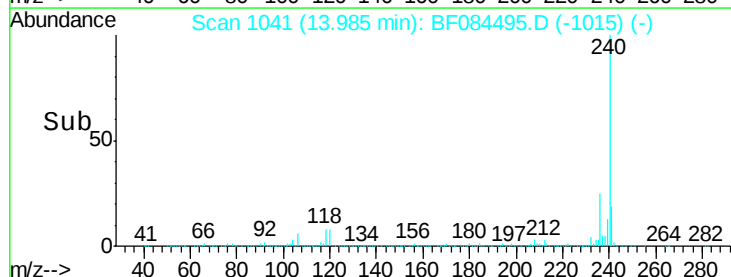
236 25.2 20.6 31.0

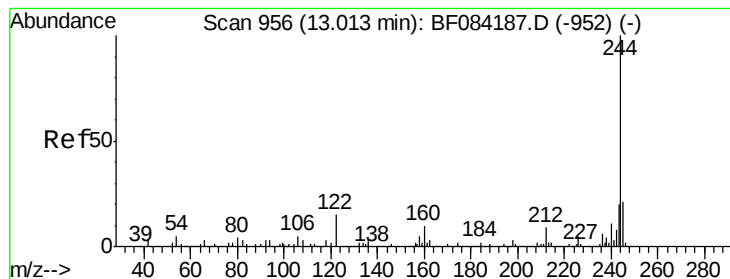


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.98 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

Instrument :

BNA_F

ClientSampleId :

TEC-22

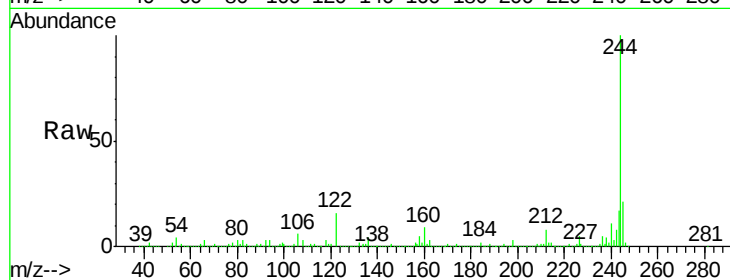
Tot Ion:244 Resp: 2053115

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

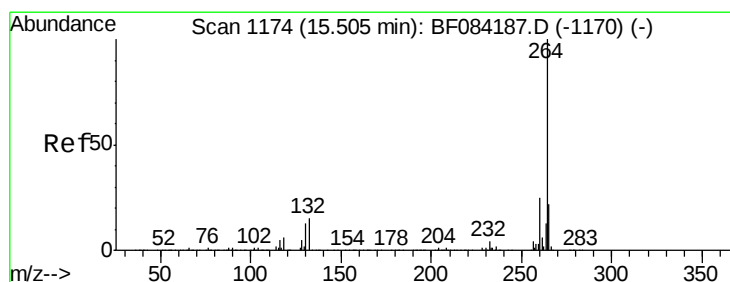
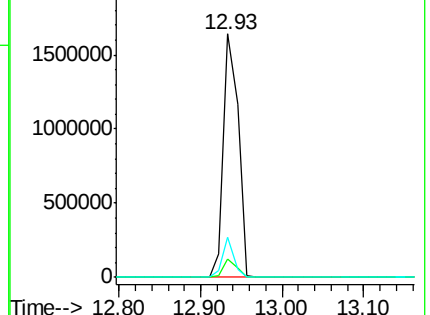
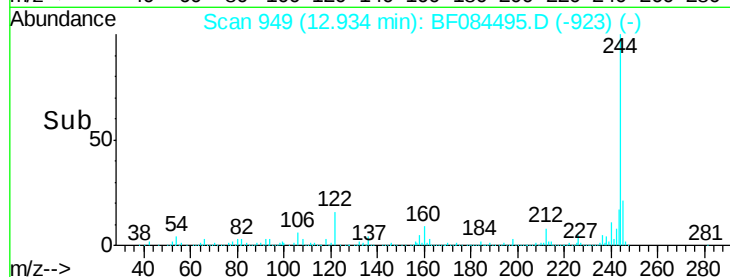
122 16.3 7.4 11.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BF084495.D

Acq: 15 Jan 2016 17:13

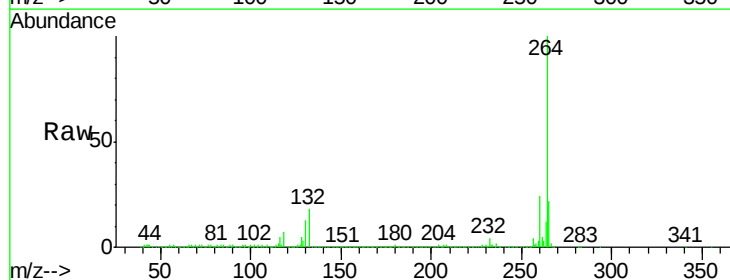
Tgt Ion:264 Resp: 538007

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 22.3 17.8 26.6



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

