

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
 Data File : BF084581.D
 Acq On : 21 Jan 2016 13:34
 Operator : SJ/UM
 Sample : H1176-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-23

Quant Time: Jan 22 00:55:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

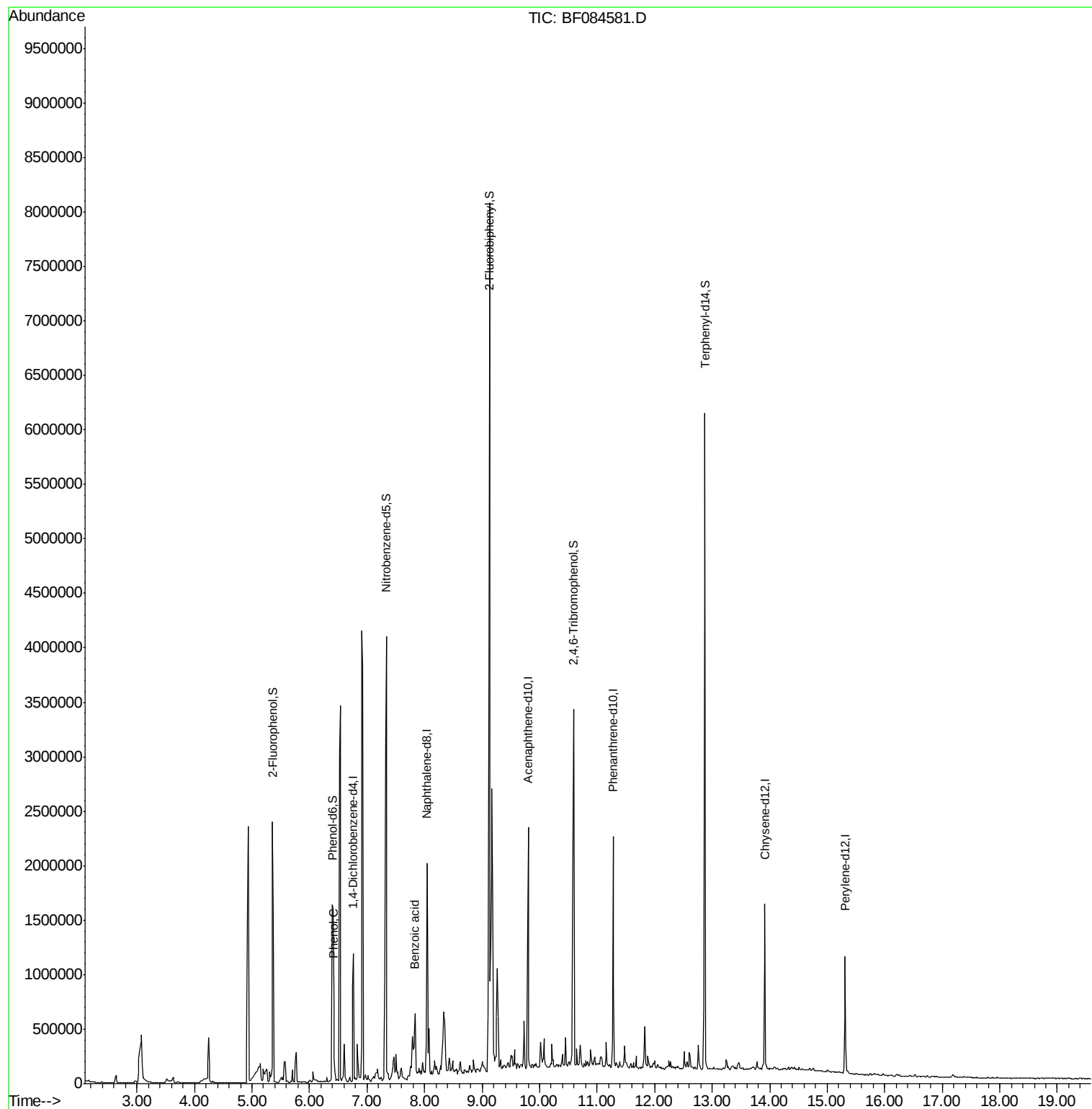
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	228292	20.00	ng	-0.07
21) Naphthalene-d8	8.04	136	968473	20.00	ng	-0.08
38) Acenaphthene-d10	9.80	164	491628	20.00	ng	-0.07
63) Phenanthrene-d10	11.28	188	822487	20.00	ng	-0.08
75) Chrysene-d12	13.92	240	657664	20.00	ng	-0.08
86) Perylene-d12	15.31	264	474598	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	813950	57.67	ng	-0.08
7) Phenol-d6	6.40	99	678368	38.27	ng	-0.08
23) Nitrobenzene-d5	7.33	82	1816473	104.39	ng	-0.07
41) 2,4,6-Tribromophenol	10.59	330	466369	93.96	ng	-0.08
44) 2-Fluorobiphenyl	9.13	172	2582765	93.01	ng	-0.07
78) Terphenyl-d14	12.88	244	2455567	83.34	ng	-0.07
Target Compounds						
10) Phenol	6.42	94	229178	11.37	ng	80
32) Benzoic acid	7.84	122	222224	24.73	ng	97

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

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Quant Time: Jan 22 00:55:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.07 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

TEC-23

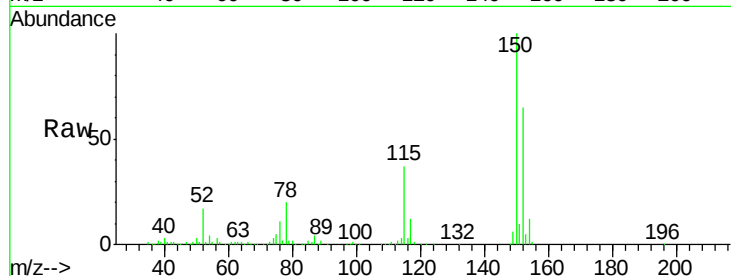
Tot Ion:152 Resp: 228292

Ion Ratio Lower Upper

152 100

150 154.8 123.0 184.4

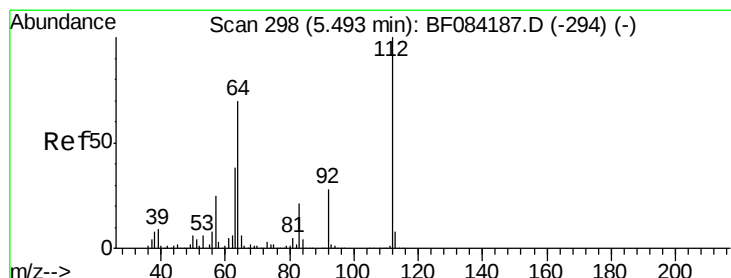
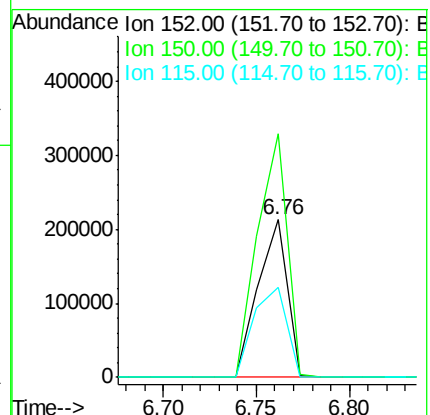
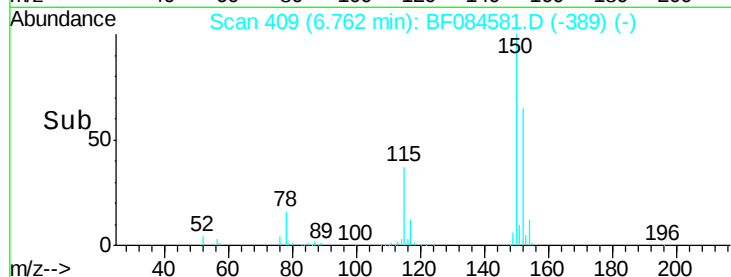
115 57.3 51.4 77.2



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: 57.67 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

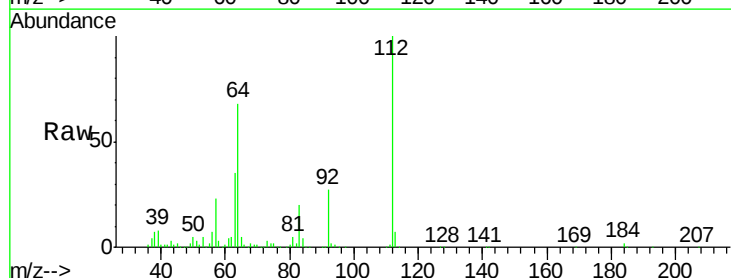
Tgt Ion:112 Resp: 813950

Ion Ratio Lower Upper

112 100

64 68.5 36.6 55.0#

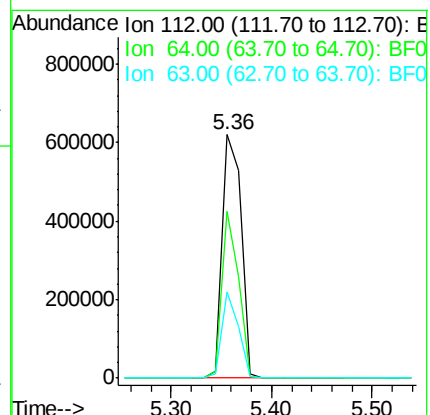
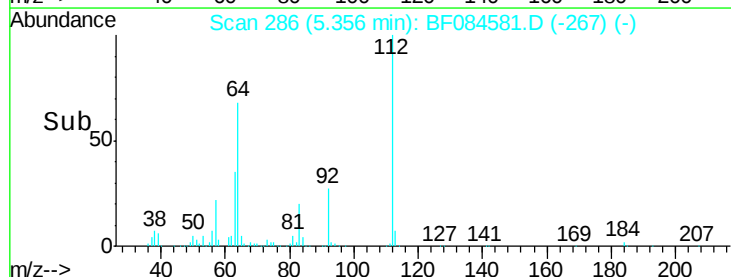
63 35.2 19.4 29.0#

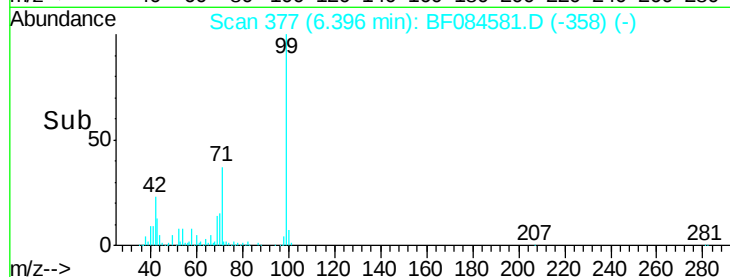
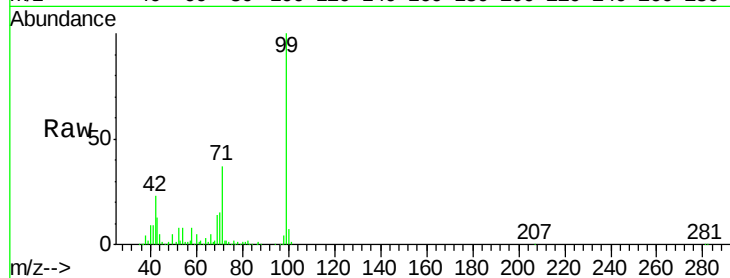
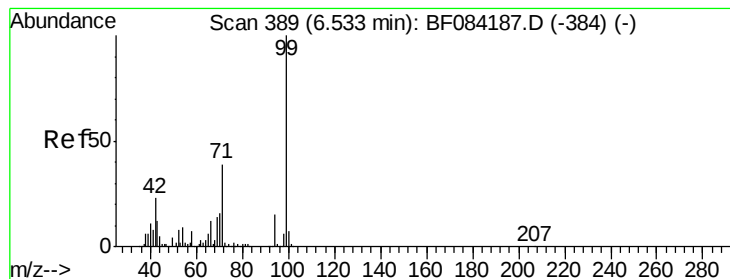


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.27 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

TEC-23

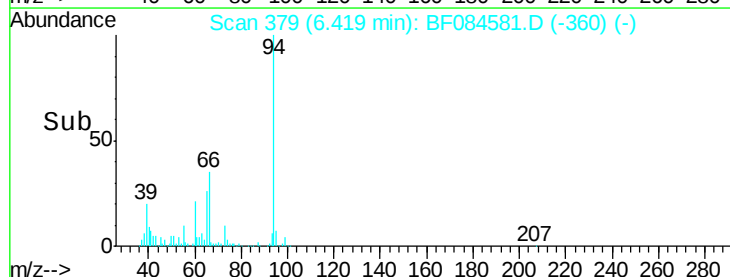
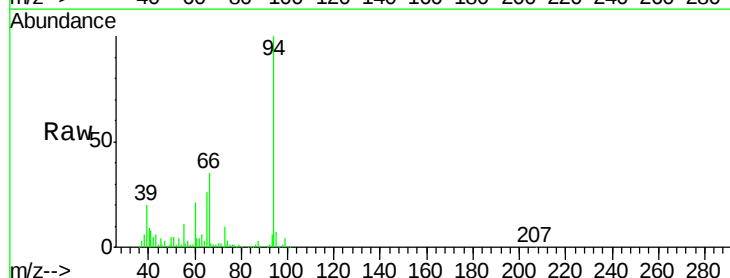
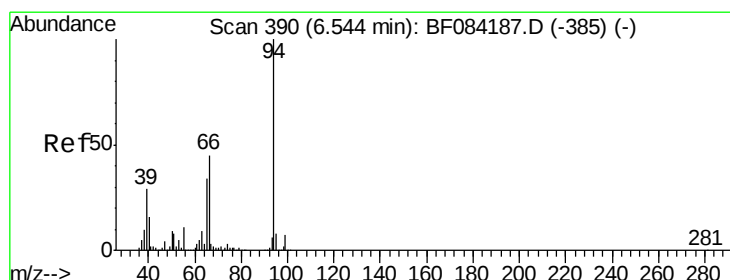
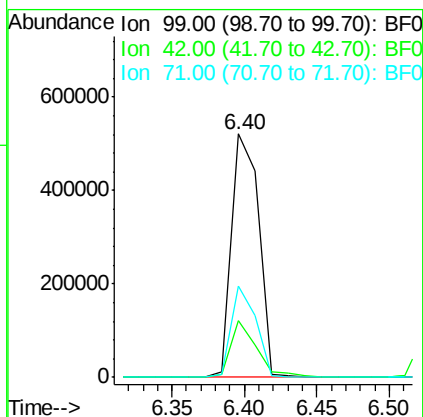
Tot Ion: 99 Resp: 678368

Ion Ratio Lower Upper

99 100

42 23.1 12.8 19.2#

71 37.3 30.9 46.3



#10

Phenol

Concen: 11.37 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

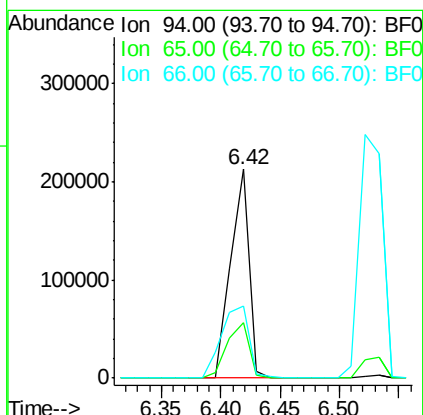
Tgt Ion: 94 Resp: 229178

Ion Ratio Lower Upper

94 100

65 26.3 12.9 52.9

66 34.8 32.7 72.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

TEC-23

Tot Ion:136 Resp: 968473

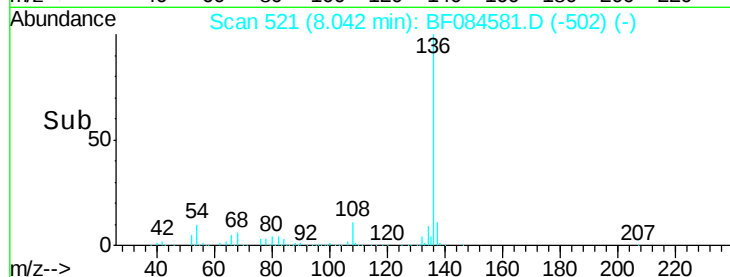
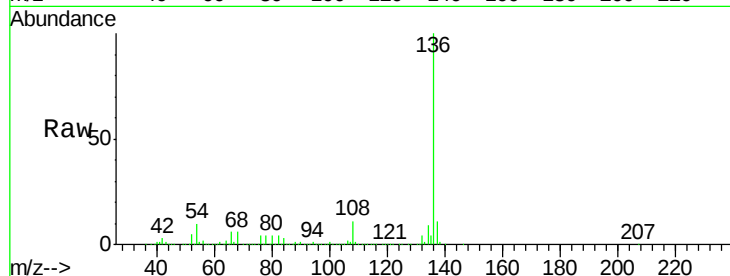
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 10.3 5.8 8.8#

68 5.8 4.2 6.2

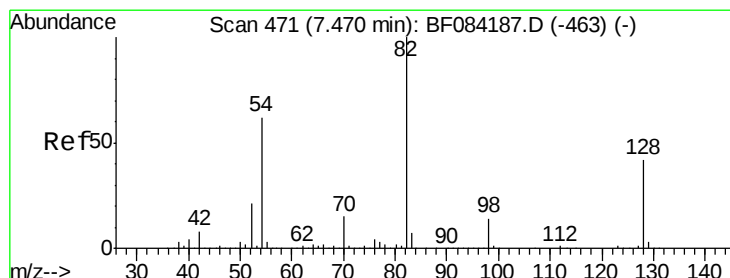
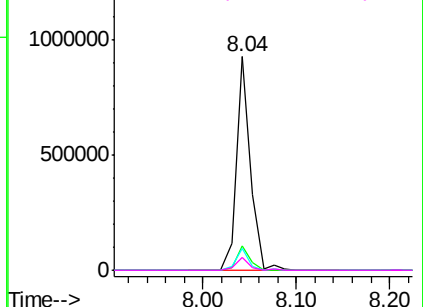


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.39 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.07 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

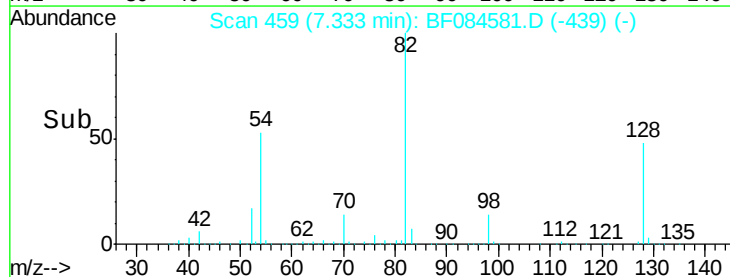
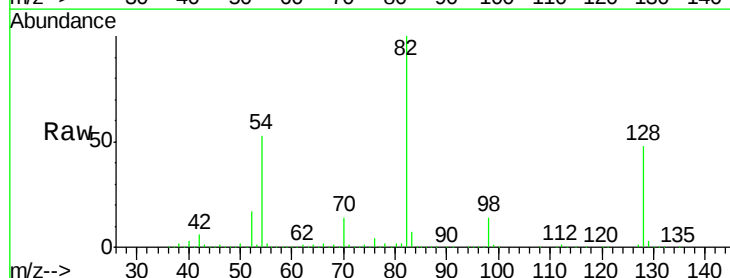
Tgt Ion: 82 Resp: 1816473

Ion Ratio Lower Upper

82 100

128 48.3 34.6 51.8

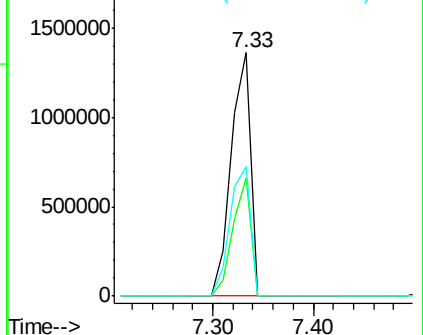
54 53.2 38.4 57.6



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

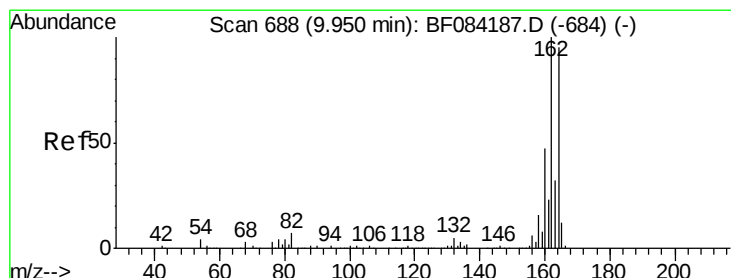
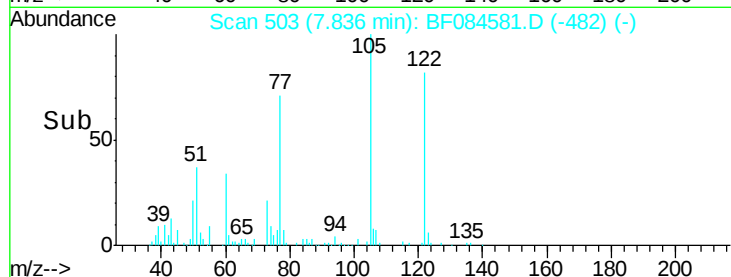
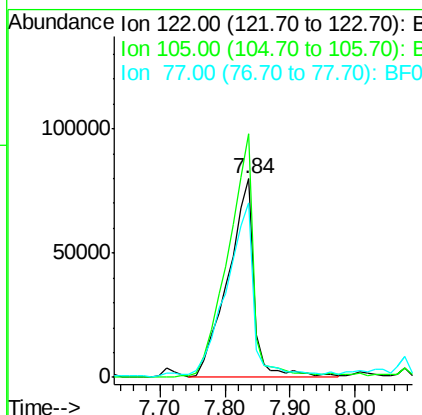
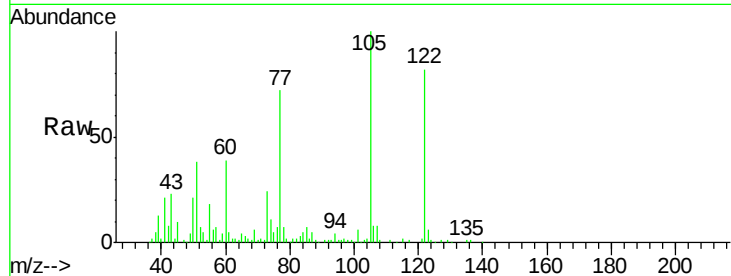




#32
Benzoic acid
Concen: 24.73 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.06 min
Lab File: BF084581.D
Acq: 21 Jan 2016 13:34

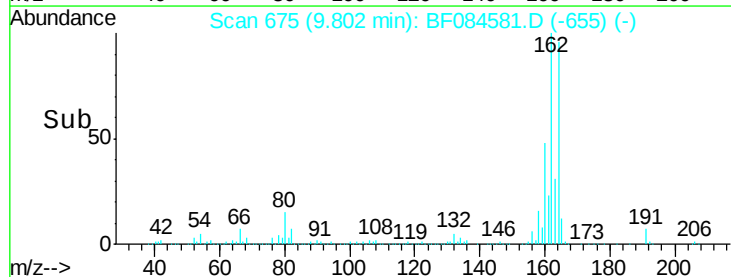
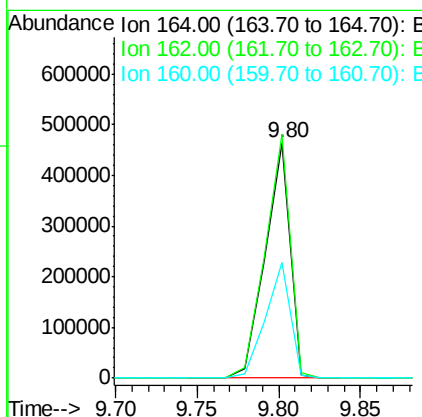
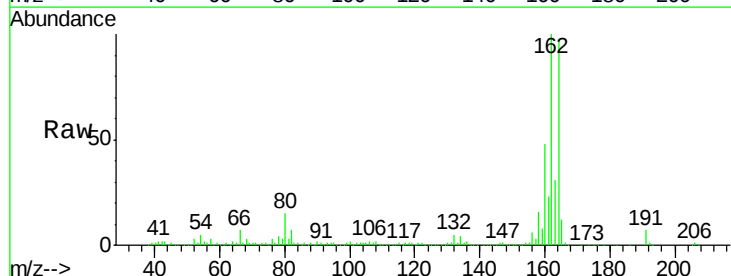
Instrument :
BNA_F
ClientSampleId :
TEC-23

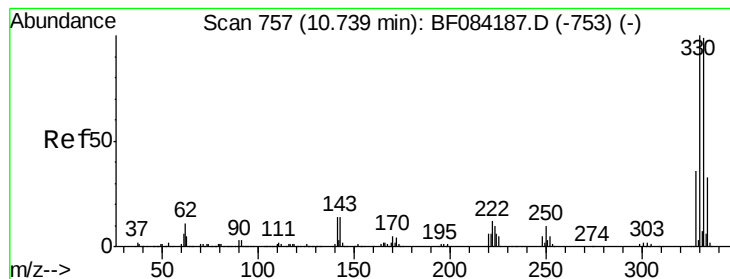
Tot Ion	Ratio	Lower	Upper
122	100		
105	122.6	100.3	140.3
77	88.2	63.5	103.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF084581.D
Acq: 21 Jan 2016 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.1	127.7
160	49.2	37.5	56.3





#41

2,4,6-Tribromophenol

Concen: 93.96 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

TEC-23

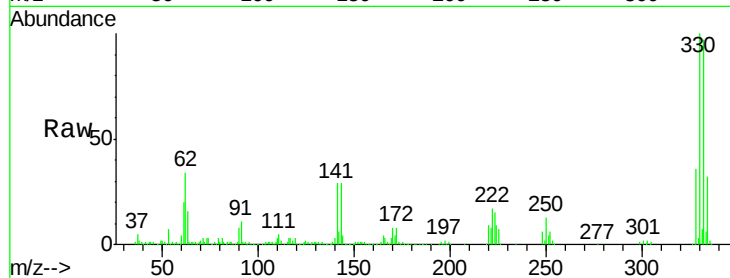
Tot Ion:330 Resp: 466369

Ion Ratio Lower Upper

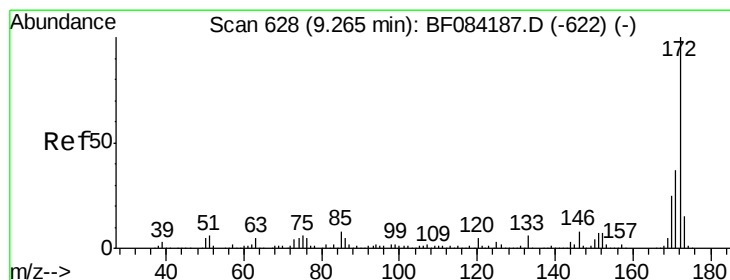
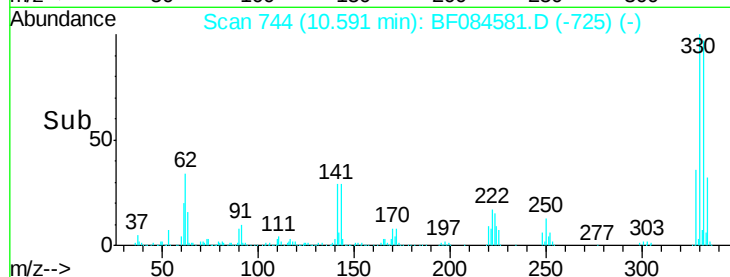
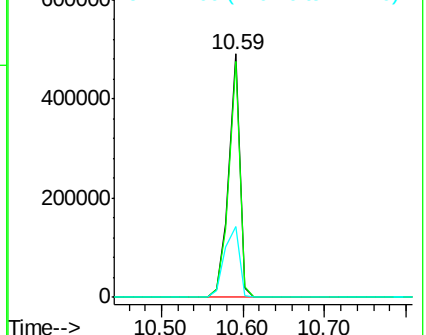
330 100

332 96.6 76.6 114.8

141 38.3 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: 93.01 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.07 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

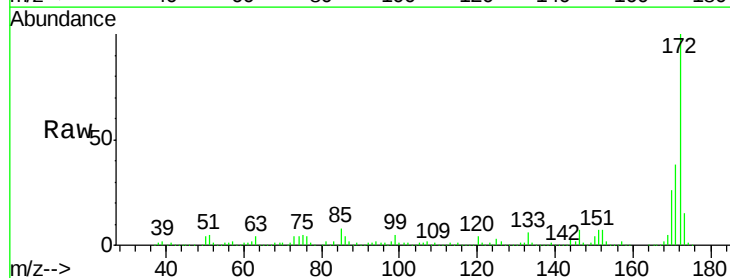
Tgt Ion:172 Resp: 2582765

Ion Ratio Lower Upper

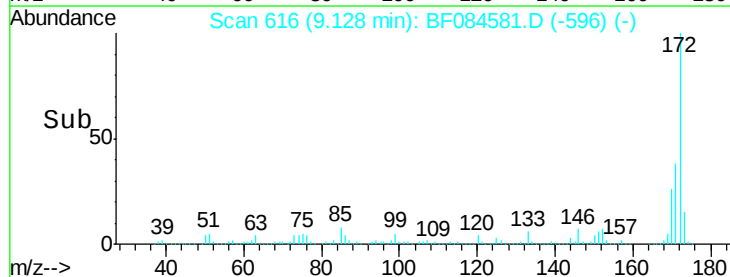
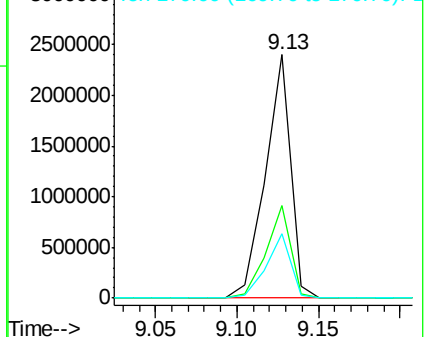
172 100

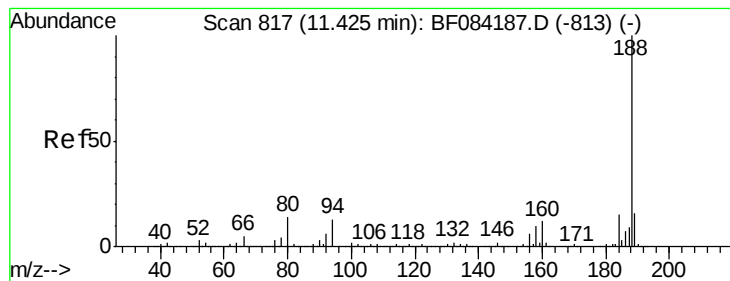
171 38.2 28.9 43.3

170 26.4 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: 11.28 min Scan# 804

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

Instrument :

BNA_F

ClientSampleId :

TEC-23

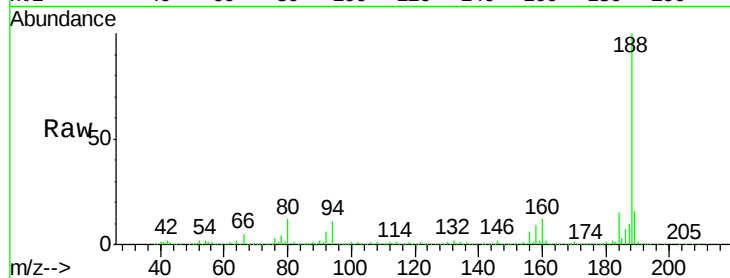
Tot Ion:188 Resp: 822487

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.4

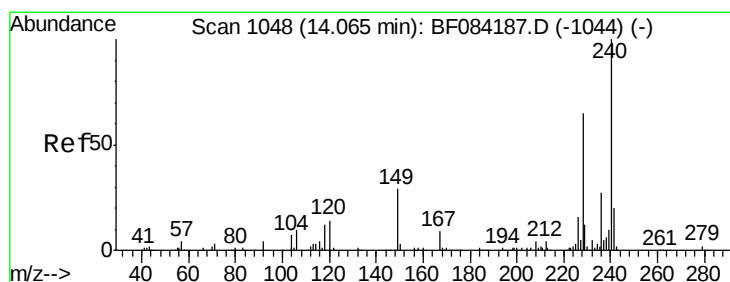
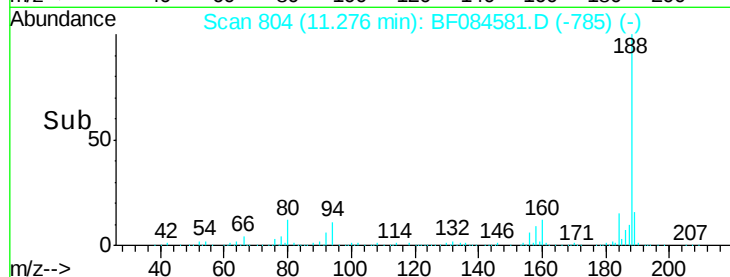
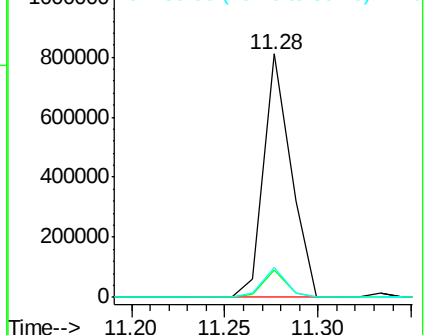
80 12.1 9.6 14.4



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: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF084581.D

Acq: 21 Jan 2016 13:34

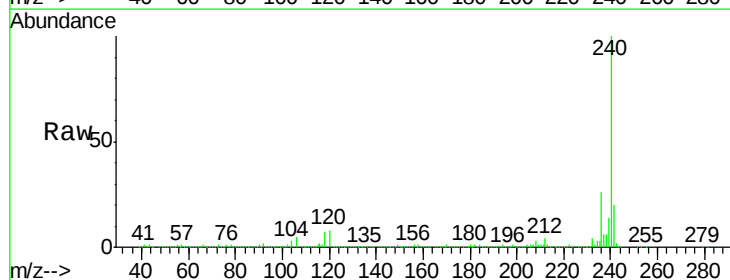
Tgt Ion:240 Resp: 657664

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

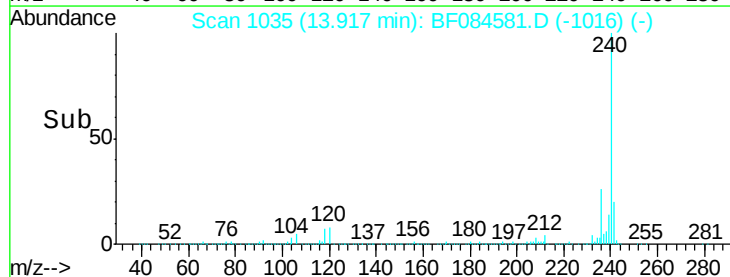
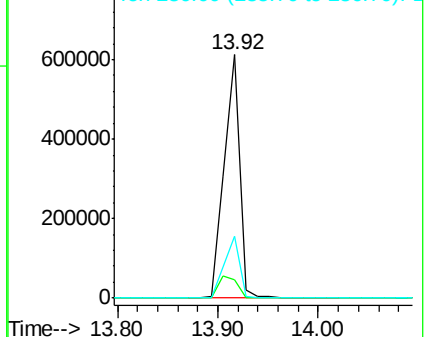
236 25.5 20.6 31.0

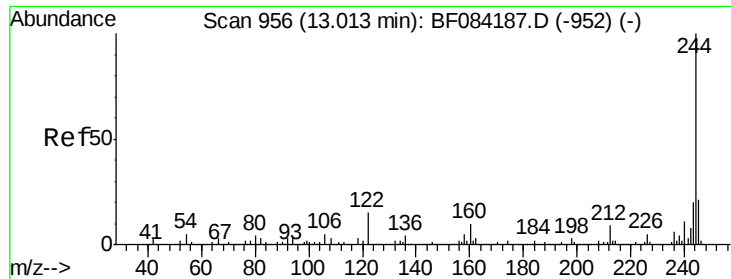


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



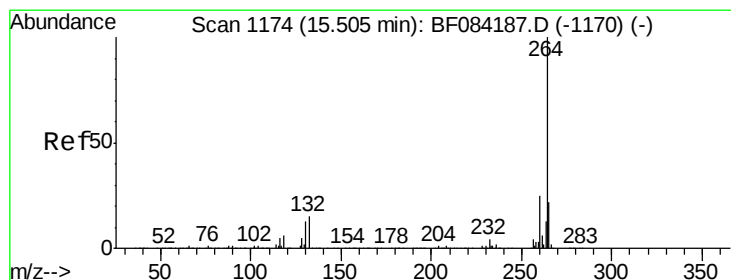
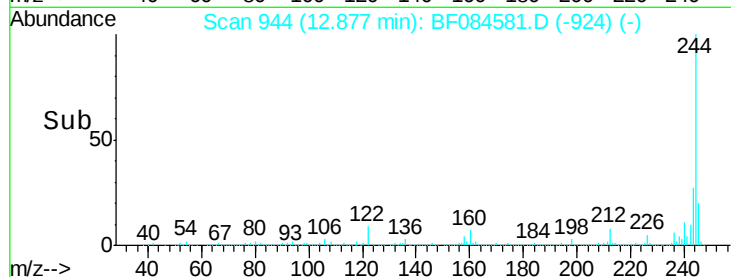
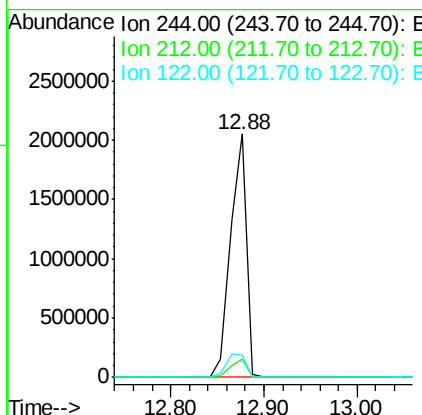
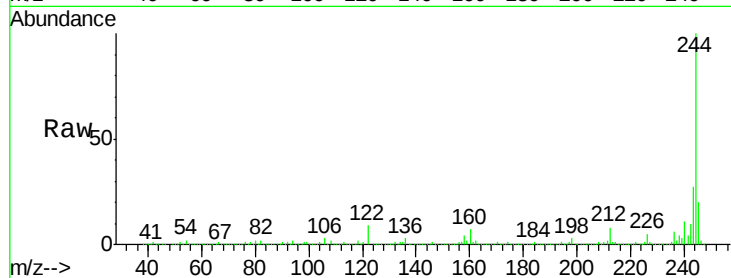


#78
 Terphenyl-d14
 Concen: 83.34 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.07 min
 Lab File: BF084581.D
 Acq: 21 Jan 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :
 TEC-23

Tot Ion:244 Resp: 2455567

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	8.9	7.4	11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.10 min
 Lab File: BF084581.D
 Acq: 21 Jan 2016 13:34

Tgt Ion:264 Resp: 474598

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.2	17.8	26.6

