

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031616\
 Data File : BF085475.D
 Acq On : 16 Mar 2016 21:33
 Operator : UM/SJ
 Sample : H1788-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Quant Time: Mar 17 00:16:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

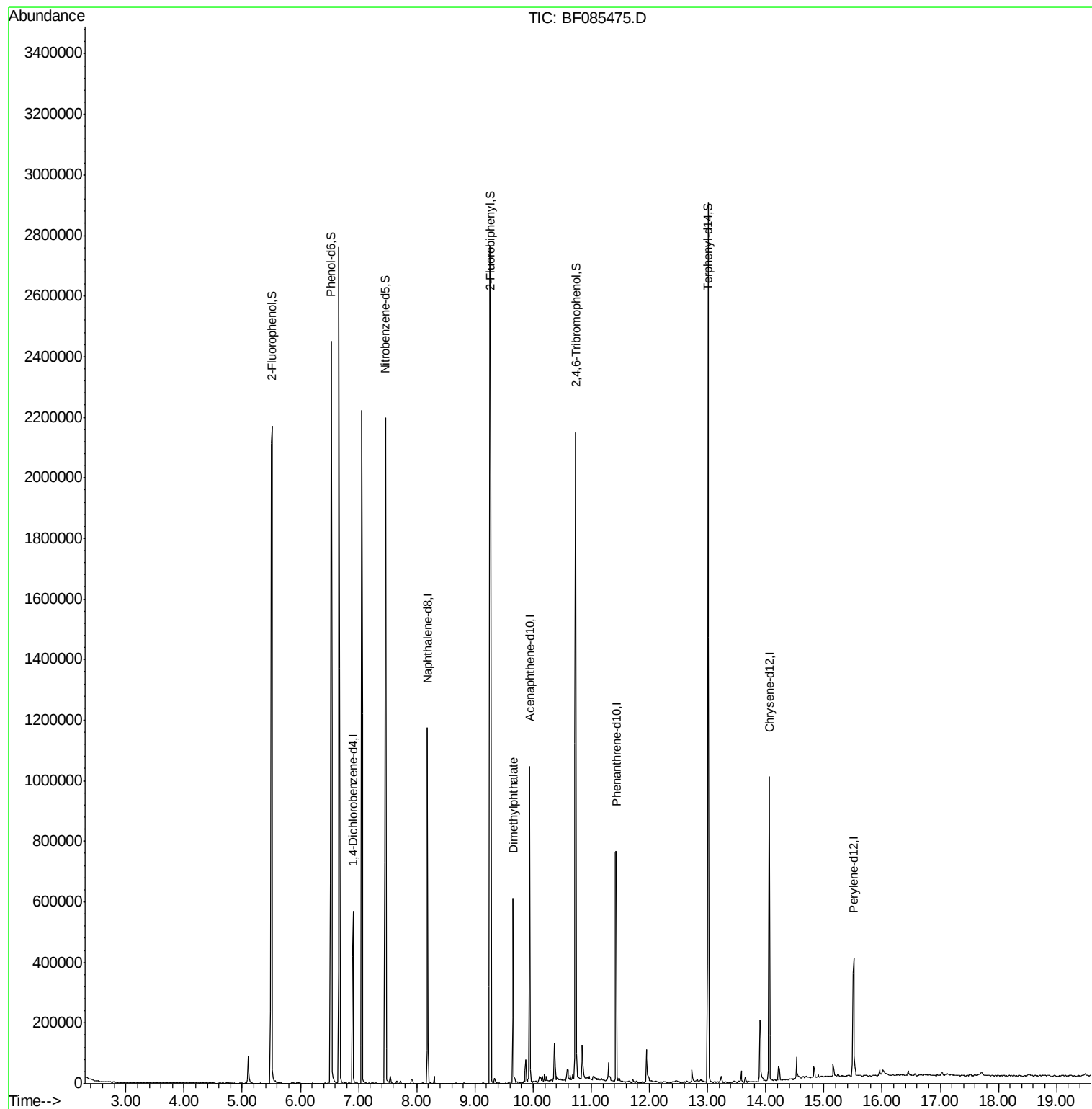
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116730	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	489983	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	227922	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	424861	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	315731	20.00	ng	-0.02
86) Perylene-d12	15.51	264	209231	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	996677	146.77	ng	0.00
7) Phenol-d6	6.53	99	1170470	132.88	ng	-0.02
23) Nitrobenzene-d5	7.46	82	756586	91.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	300906	143.34	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1219148	92.80	ng	-0.02
78) Terphenyl-d14	13.01	244	1086147	77.82	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	267266	16.07	ng	99

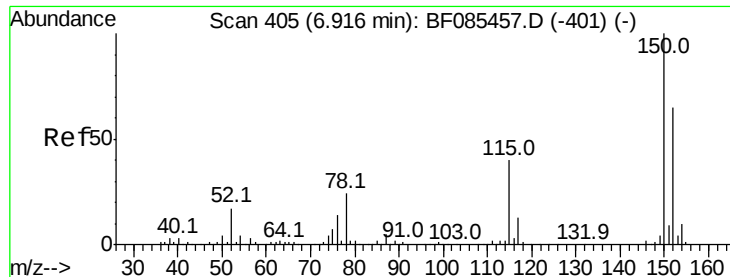
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

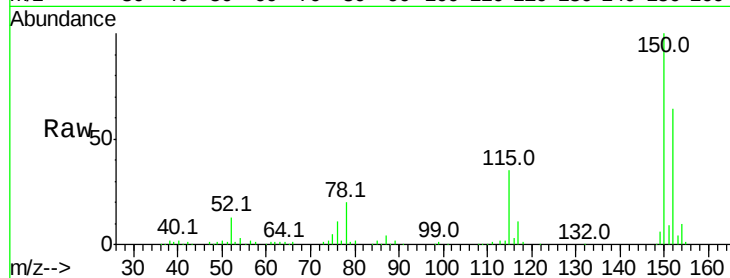
Tot Ion:152 Resp: 116730

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

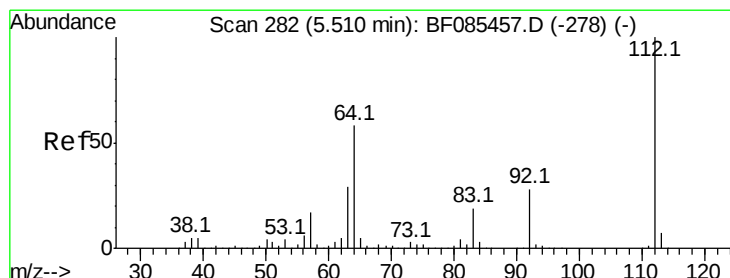
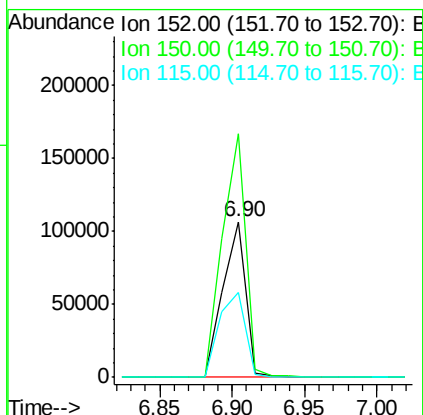
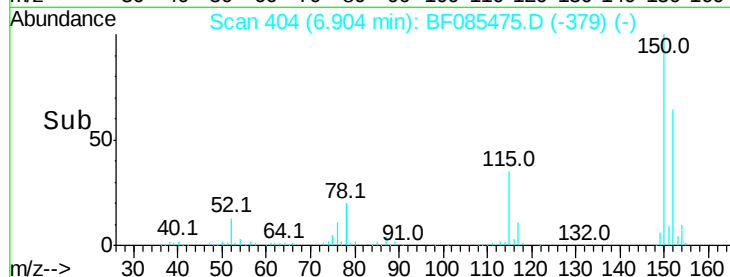
115 54.2 46.6 70.0



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: 146.77 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

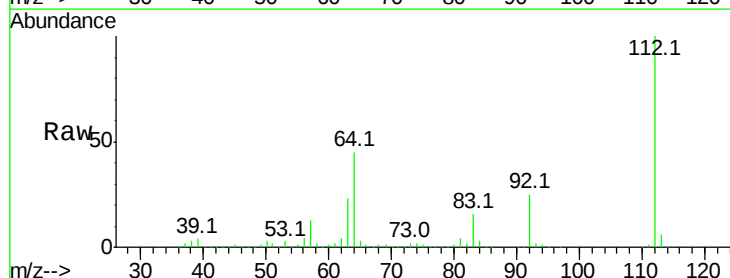
Tgt Ion:112 Resp: 996677

Ion Ratio Lower Upper

112 100

64 45.4 49.0 73.4#

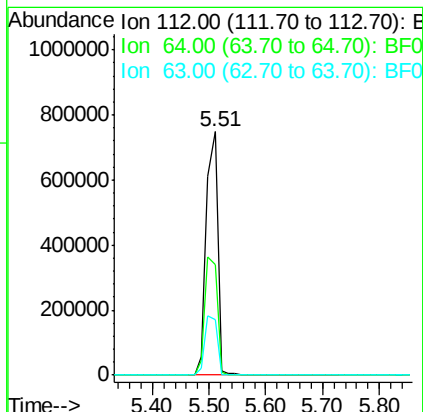
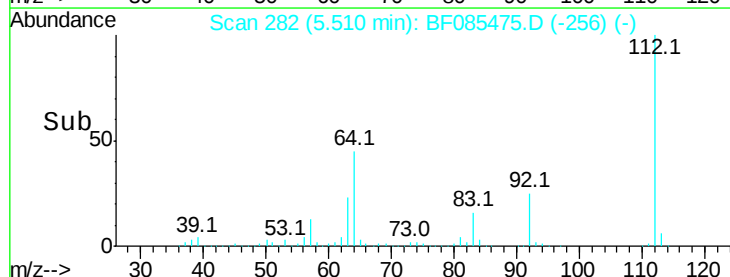
63 22.6 24.8 37.2#

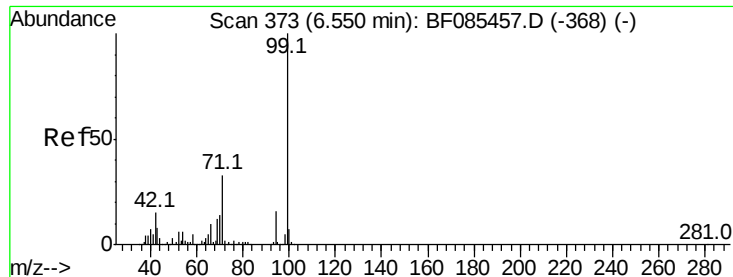


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.88 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

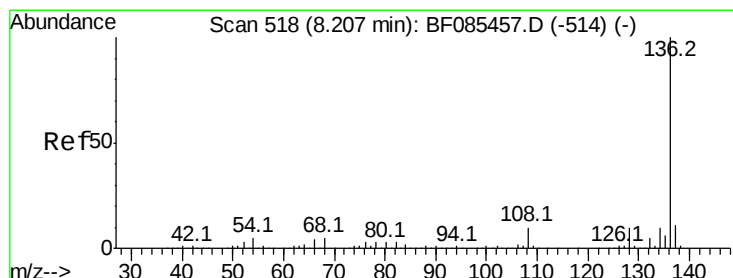
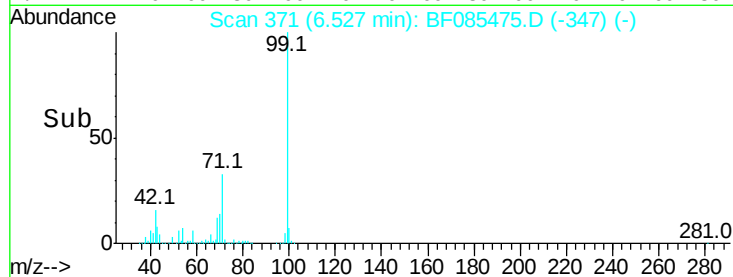
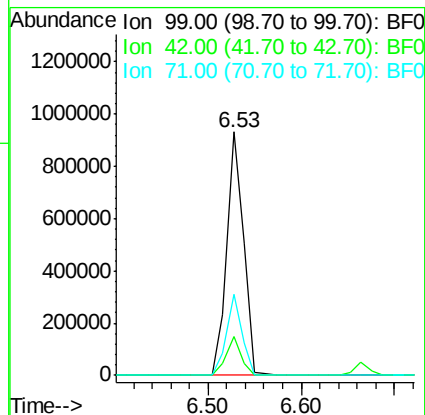
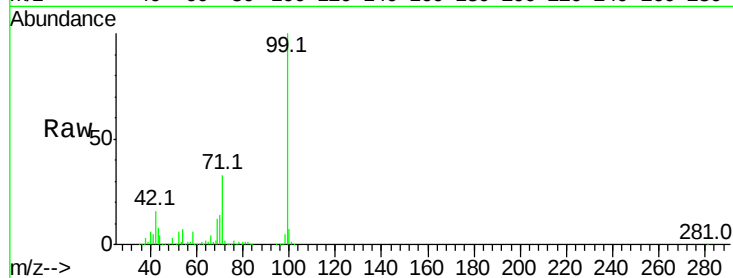
Tot Ion: 99 Resp: 1170470

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

71 33.3 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Tgt Ion: 136 Resp: 489983

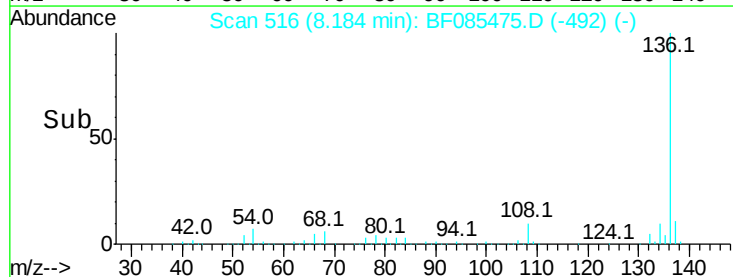
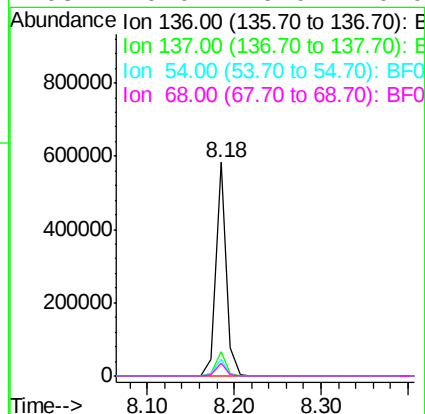
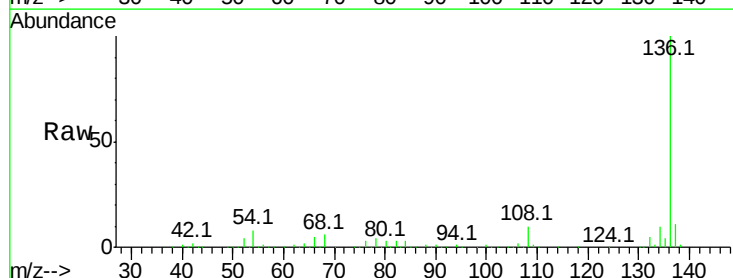
Ion Ratio Lower Upper

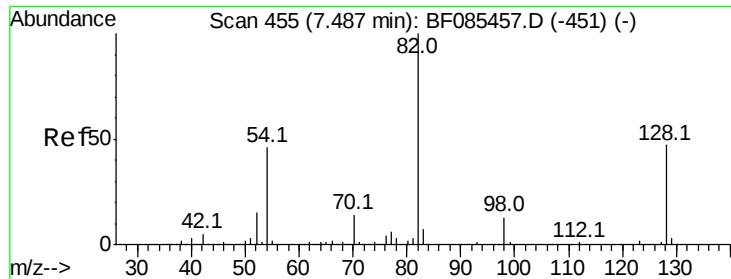
136 100

137 11.3 9.3 13.9

54 7.5 7.4 11.2

68 6.0 6.0 9.0

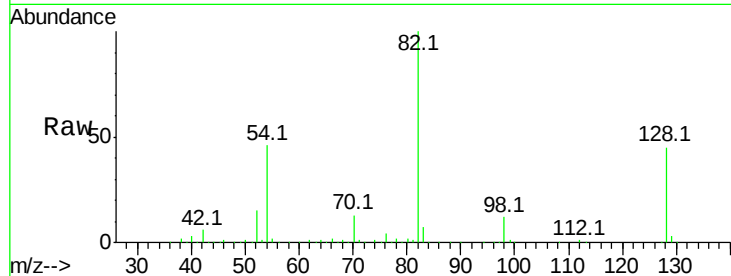




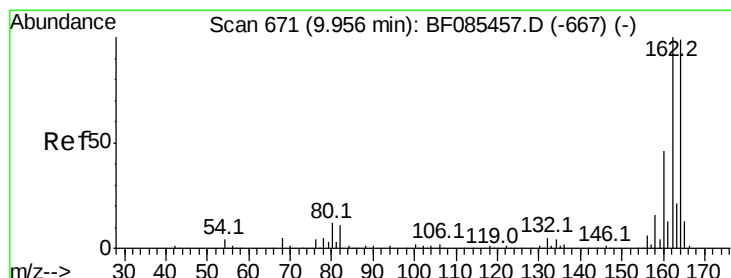
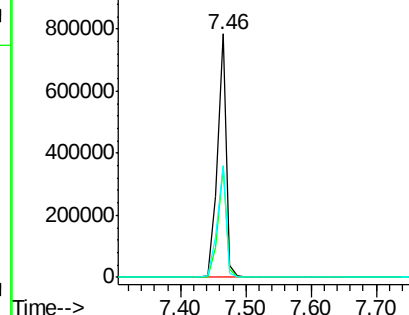
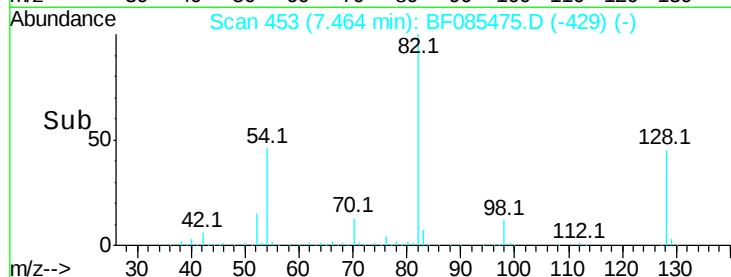
#23
 Nitrobenzene-d5
 Concen: 91.30 ng
 RT: 7.46 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-2(8-9)

Tot Ion	82	Resp	756586
Ion Ratio	Lower	Upper	
82	100		
128	45.2	34.5	51.7
54	45.9	39.3	58.9

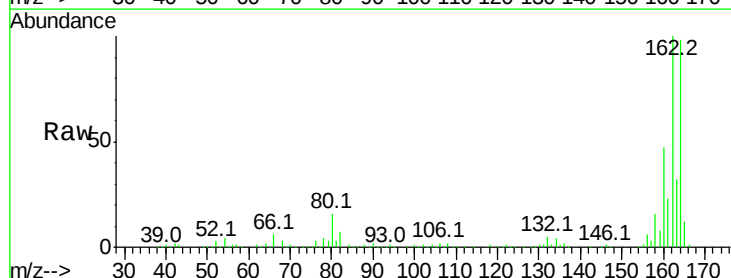


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

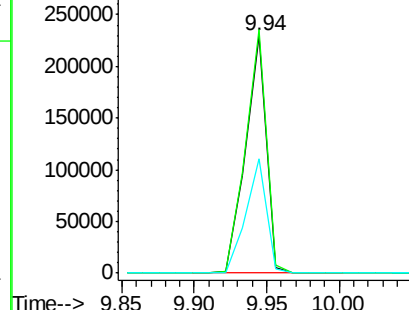
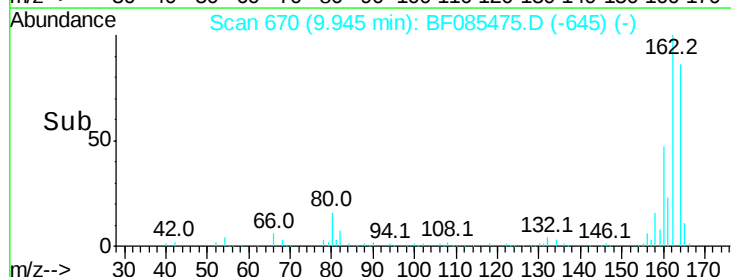


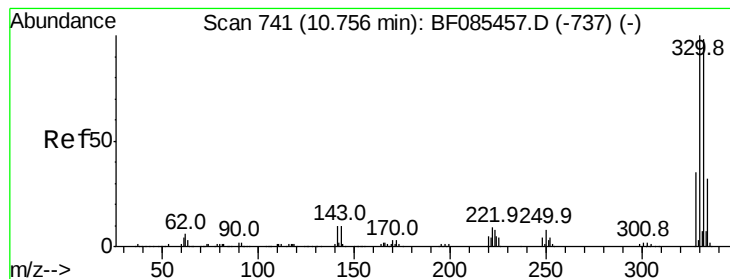
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF085475.D
 Acq: 16 Mar 2016 21:33

Tgt Ion	164	Resp	227922
Ion Ratio	Lower	Upper	
164	100		
162	102.6	83.3	124.9
160	47.9	37.9	56.9



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: 143.34 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

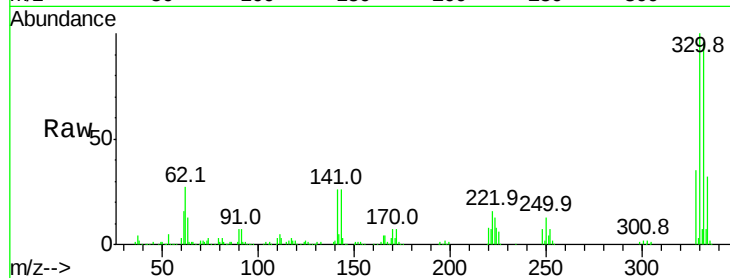
Tot Ion:330 Resp: 300906

Ion Ratio Lower Upper

330 100

332 96.0 77.1 115.7

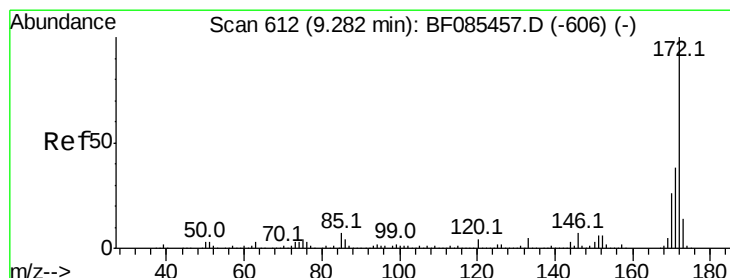
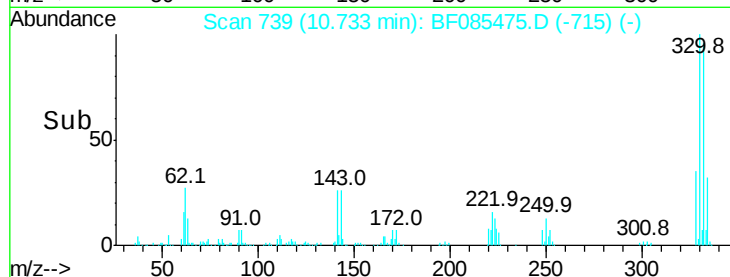
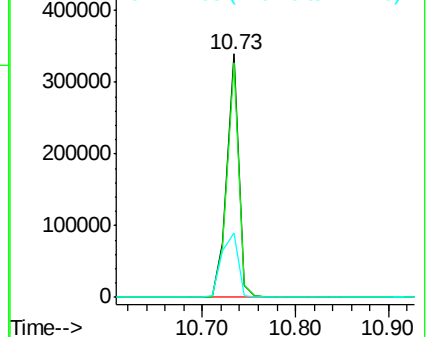
141 37.0 35.0 52.6



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: 92.80 ng

RT: 9.26 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

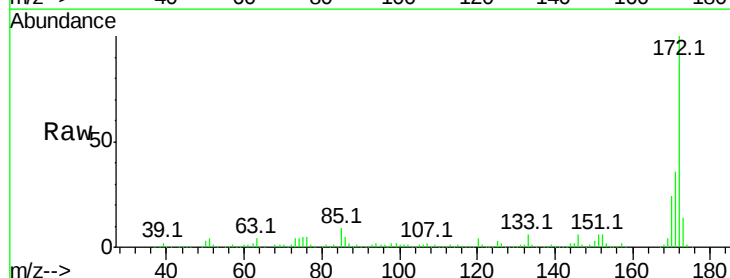
Tgt Ion:172 Resp: 1219148

Ion Ratio Lower Upper

172 100

171 36.2 29.3 43.9

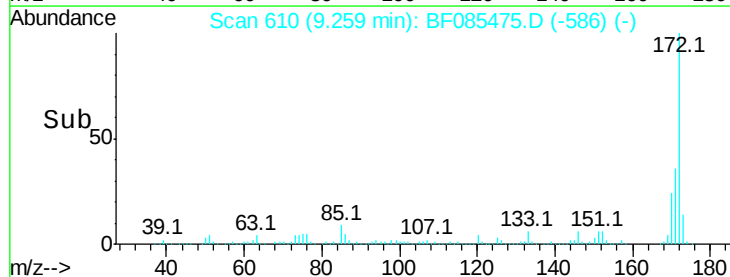
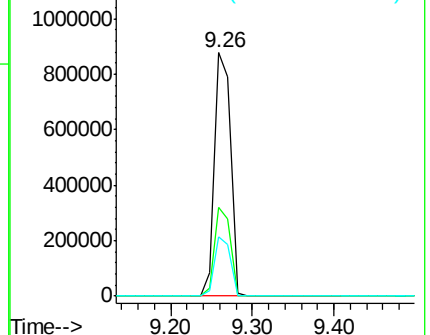
170 24.1 20.0 30.0

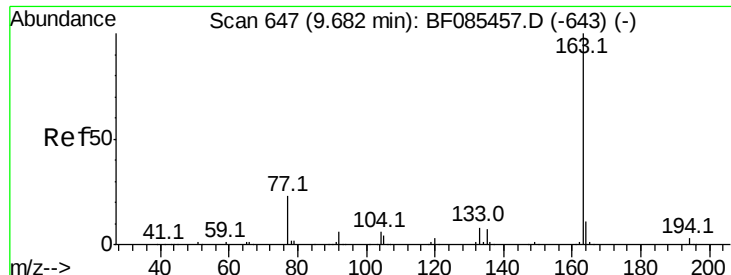


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

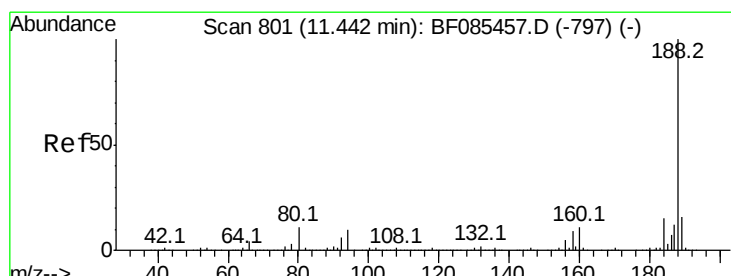
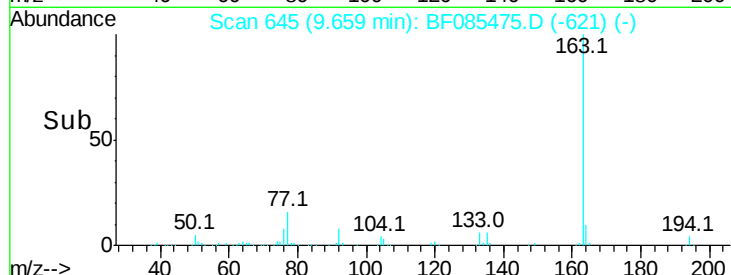
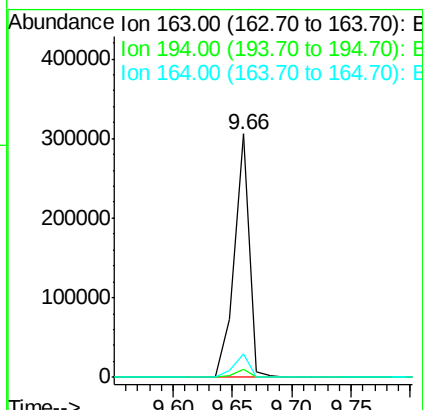
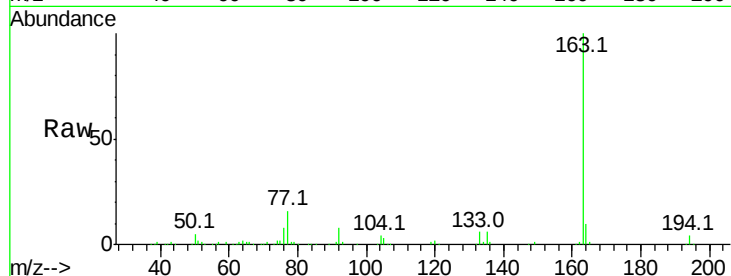




#49
Dimethylphthalate
Concen: 16.07 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF085475.D
Acq: 16 Mar 2016 21:33

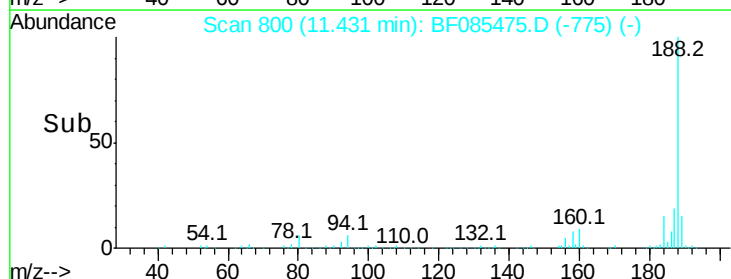
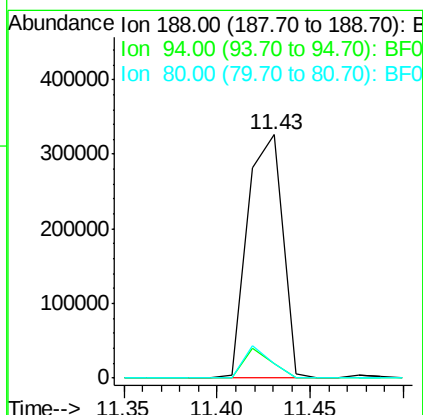
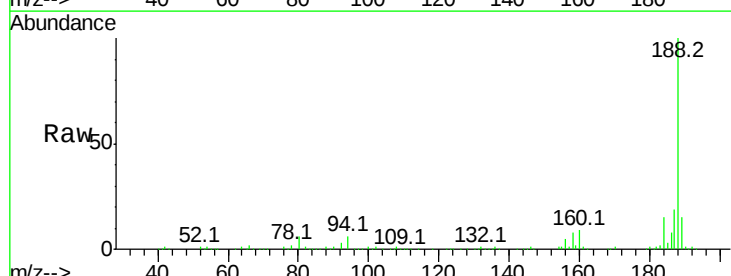
Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

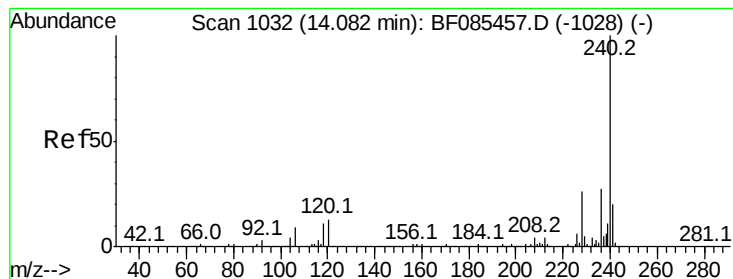
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.8	8.2	12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085475.D
Acq: 16 Mar 2016 21:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	7.0	10.6#
80	5.9	7.4	11.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

Instrument :

BNA_F

ClientSampleId :

SB-2(8-9)

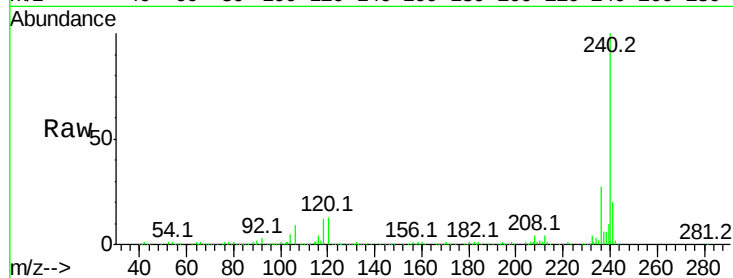
Tot Ion:240 Resp: 315731

Ion Ratio Lower Upper

240 100

120 13.4 5.3 7.9#

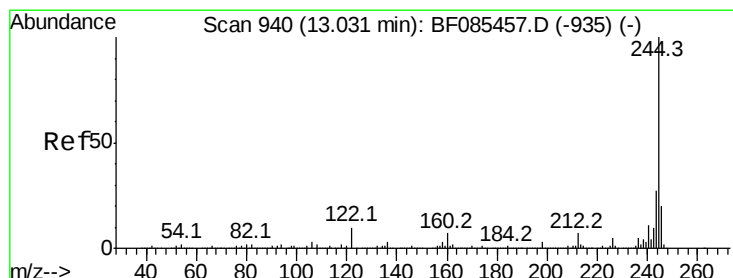
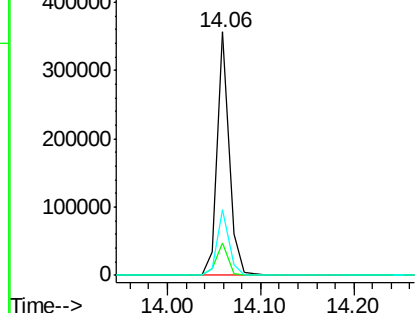
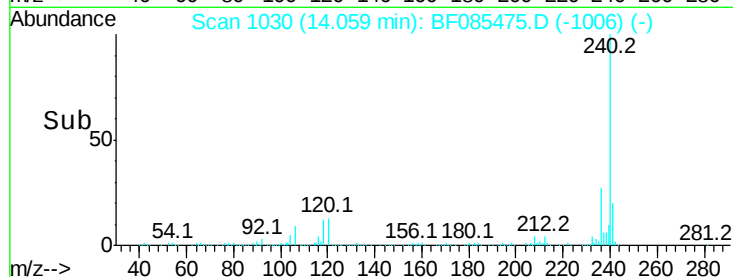
236 26.8 20.7 31.1



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: 77.82 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085475.D

Acq: 16 Mar 2016 21:33

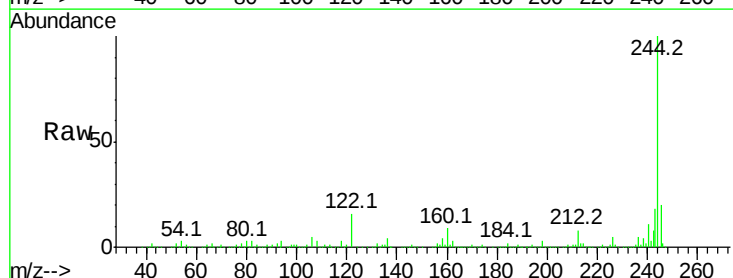
Tgt Ion:244 Resp: 1086147

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

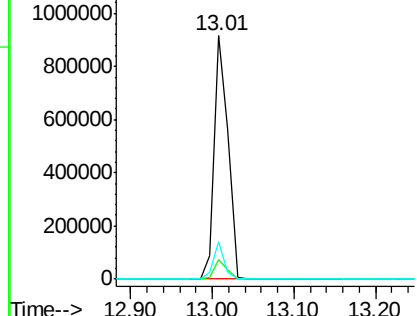
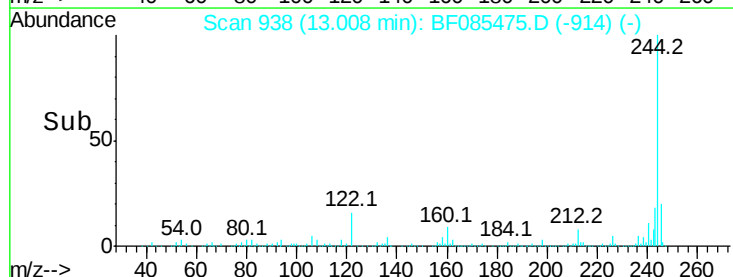
122 15.5 11.4 17.2

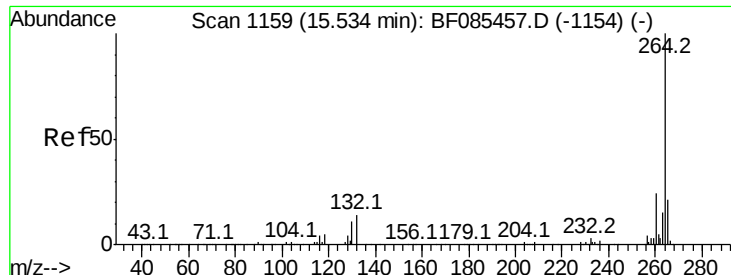


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



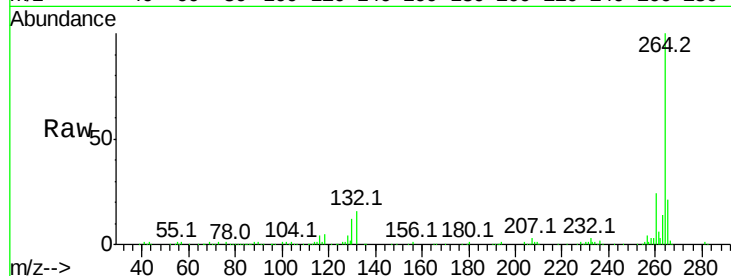


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085475.D
Acq: 16 Mar 2016 21:33

Instrument :
BNA_F
ClientSampleId :
SB-2(8-9)

Tot Ion: 264 Resp: 209231

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.3	25.9



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

