

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
 Data File : BF085213.D
 Acq On : 4 Mar 2016 20:10
 Operator : SJ/IZ
 Sample : H1647-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-29

Quant Time: Mar 04 22:44:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

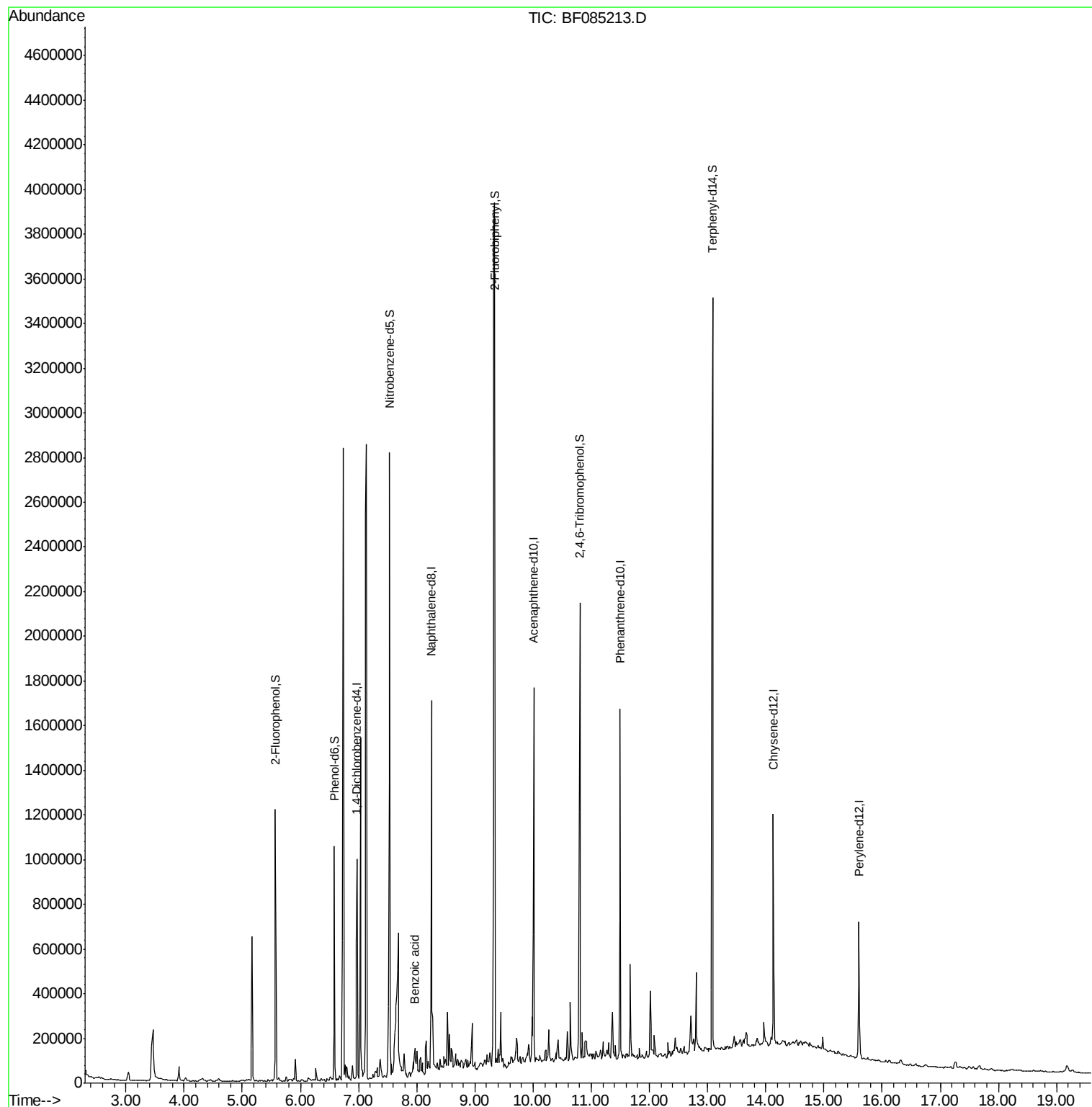
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	187942	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	738732	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	351915	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	615053	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	359737	20.00	ng	-0.02
86) Perylene-d12	15.60	264	273042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	403612	36.02	ng	-0.01
7) Phenol-d6	6.58	99	345480	23.53	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1079493	78.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	280924	93.29	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1928099	83.32	ng	-0.01
78) Terphenyl-d14	13.09	244	1467554	94.70	ng	0.00
Target Compounds						
32) Benzoic acid	7.97	122	16732	2.02	ng	Qvalue 93

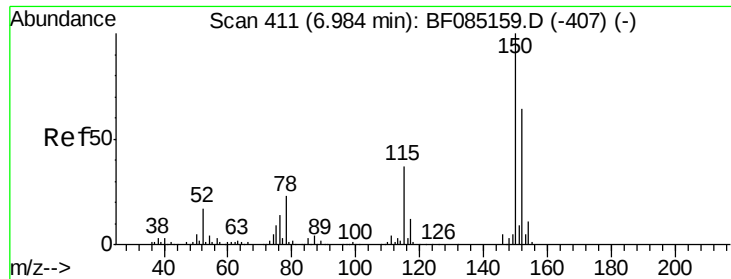
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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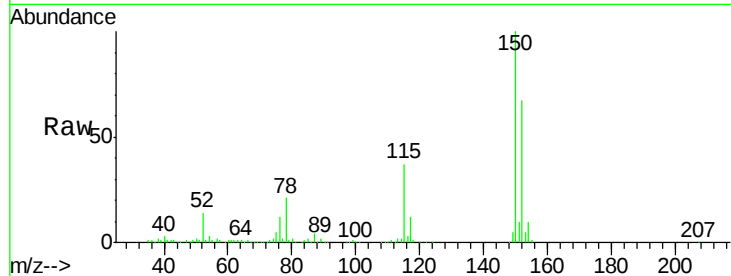


#1

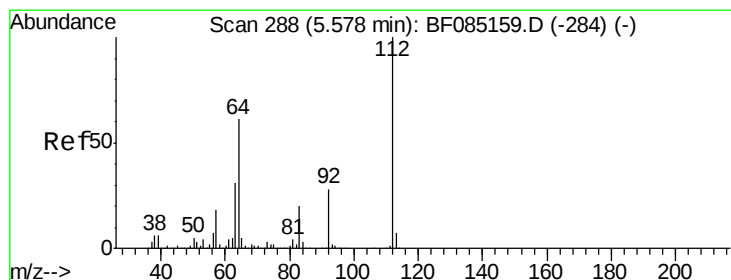
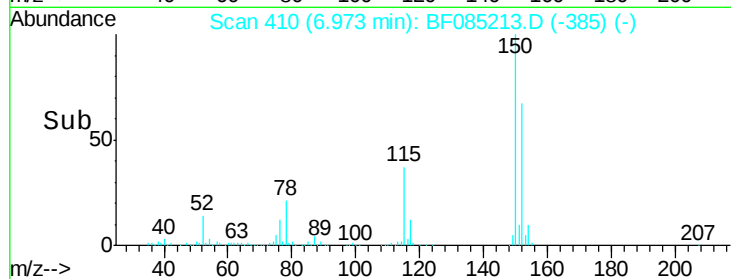
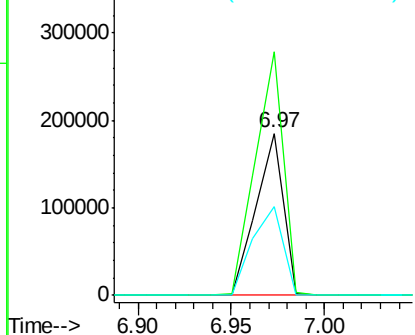
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-29

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	124.6	186.8
115	55.1	46.6	70.0



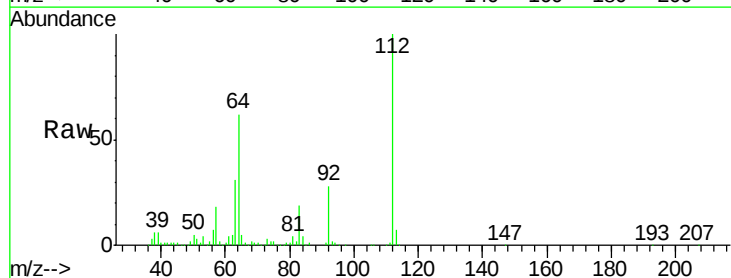
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



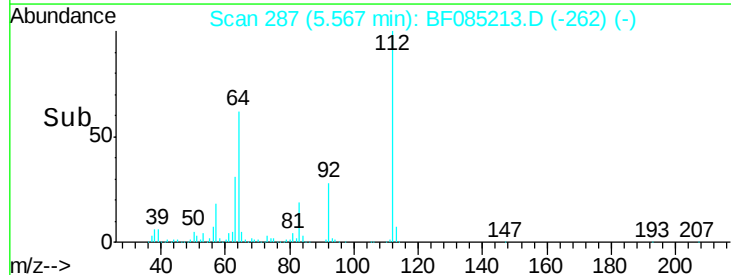
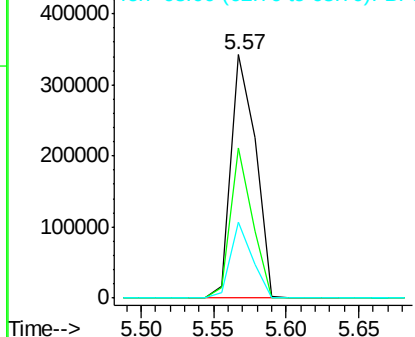
#5

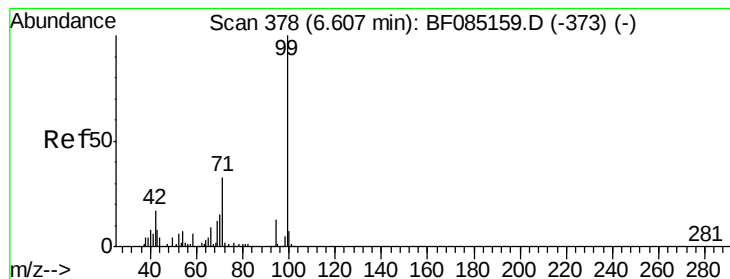
2-Fluorophenol
 Concen: 36.02 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.9	49.0	73.4
63	31.0	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: 23.53 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampled :

TEC-29

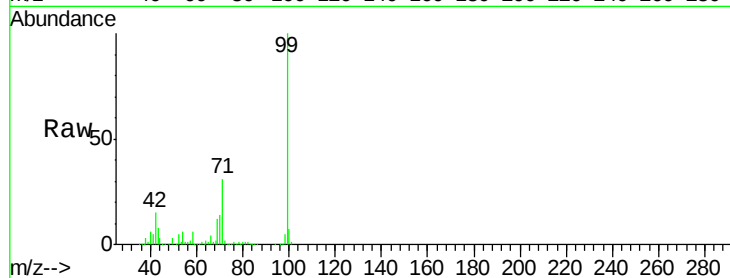
Tot Ion: 99 Resp: 345480

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

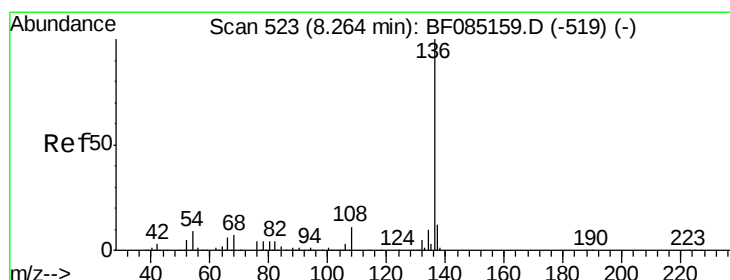
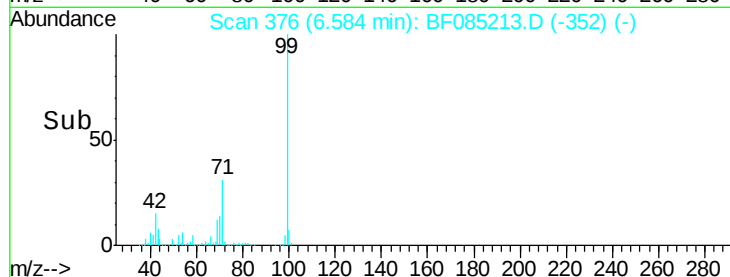
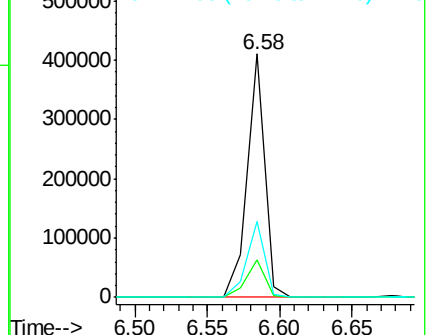
71 31.3 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Tgt Ion: 136 Resp: 738732

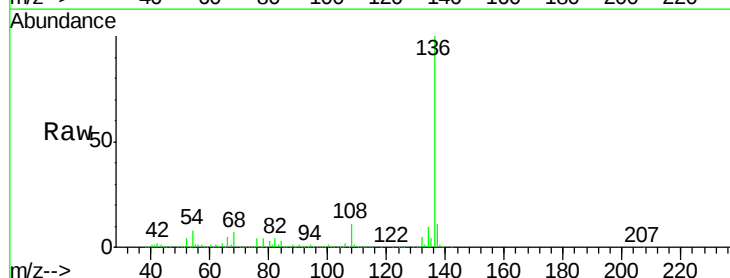
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 7.4 11.2

68 6.8 6.0 9.0

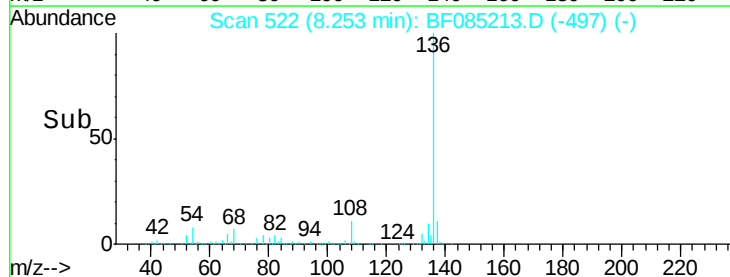
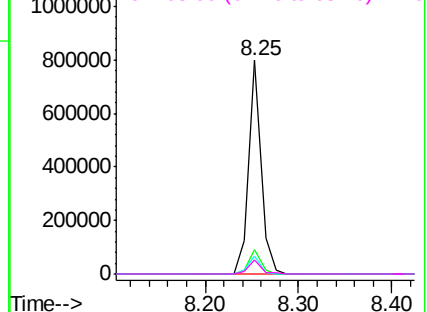


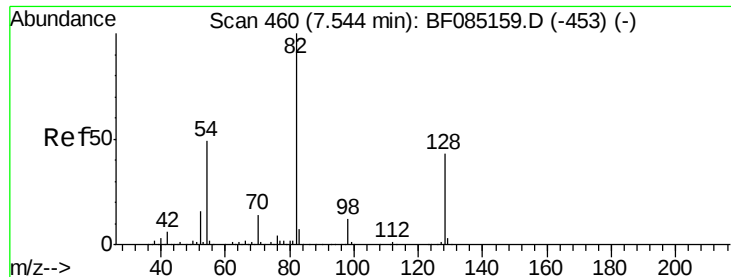
Abundance Ion 136.00 (135.70 to 136.70): E

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

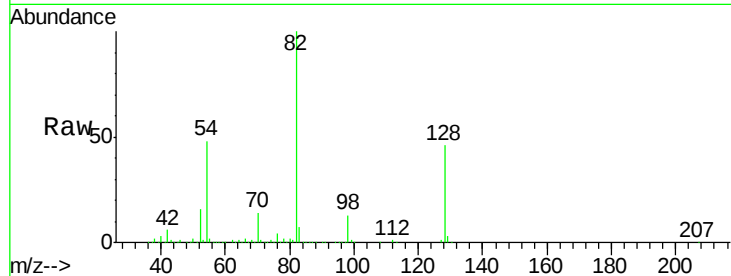




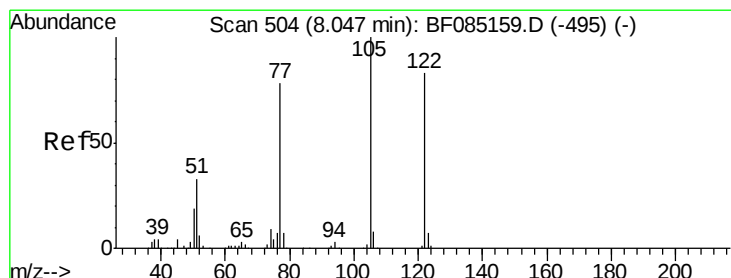
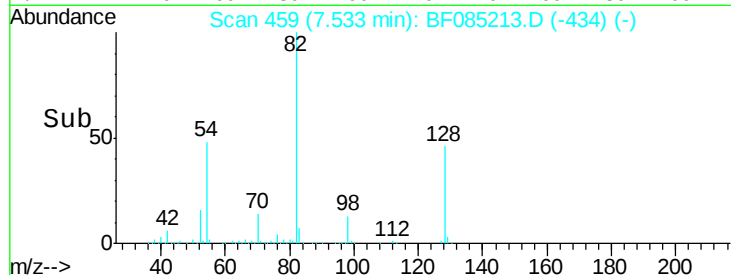
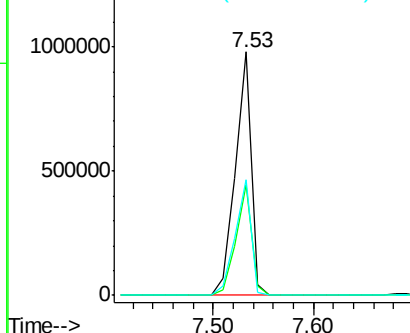
#23
Nitrobenzene-d5
Concen: 78.20 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TEC-29

Tot Ion: 82 Resp: 1079493
Ion Ratio Lower Upper
82 100
128 45.5 34.5 51.7
54 47.6 39.3 58.9

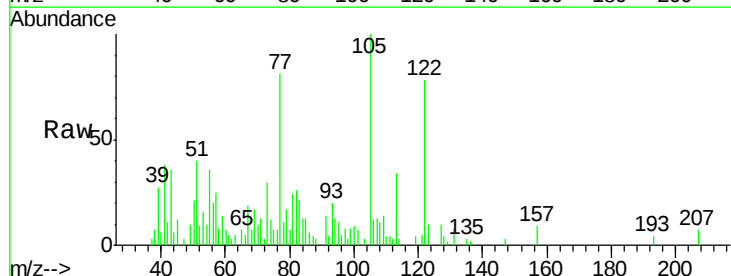


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

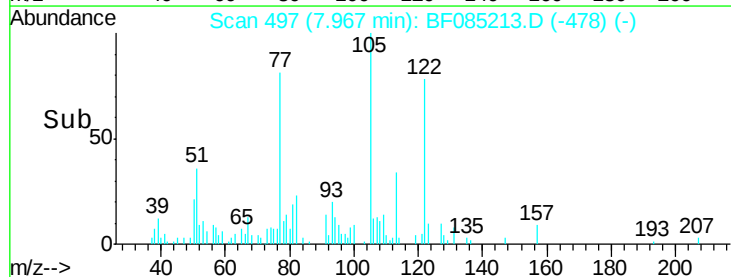
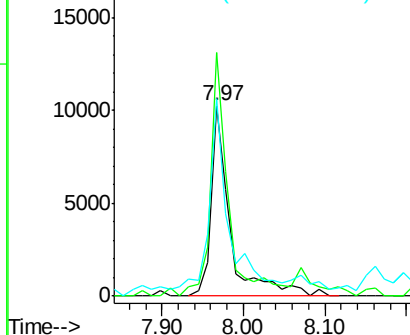


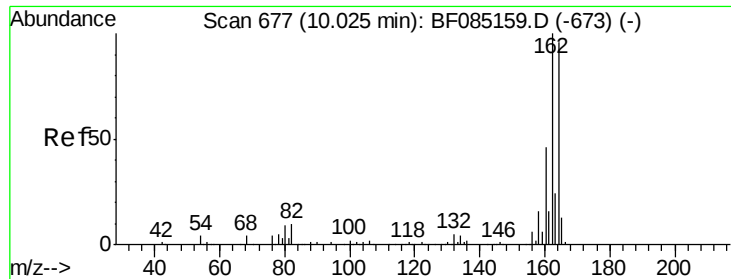
#32
Benzoic acid
Concen: 2.02 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Tgt Ion:122 Resp: 16732
Ion Ratio Lower Upper
122 100
105 128.0 101.3 141.3
77 103.8 74.7 114.7



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

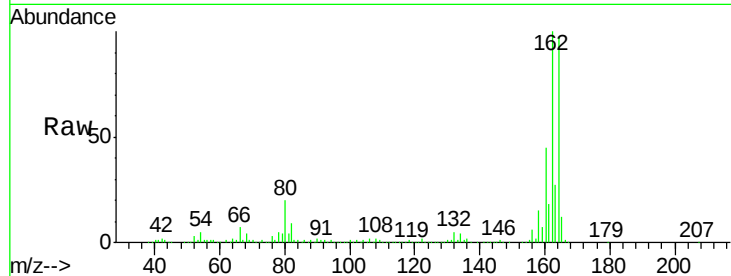




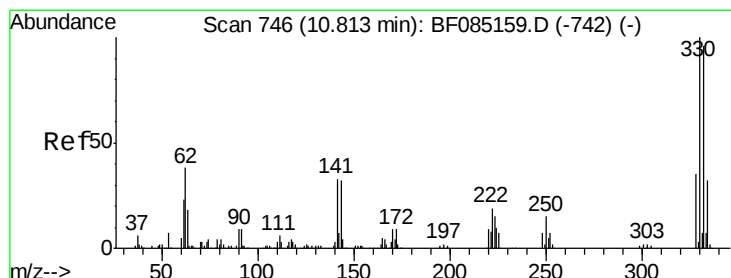
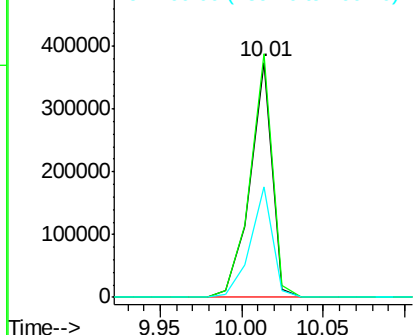
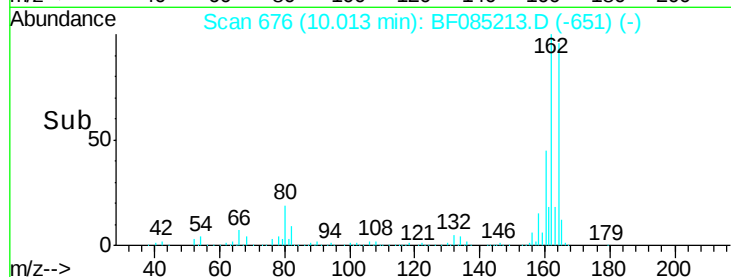
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Instrument :
 BNA_F
 ClientSampled :
 TEC-29

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.3	124.9
160	46.8	37.9	56.9

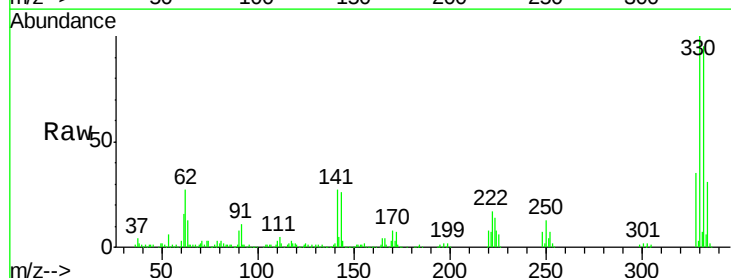


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

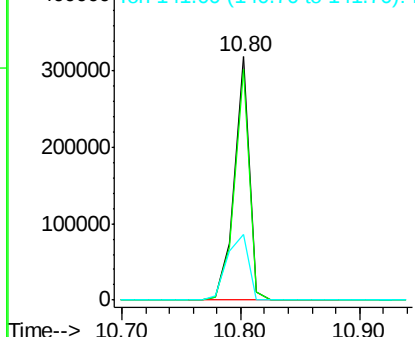
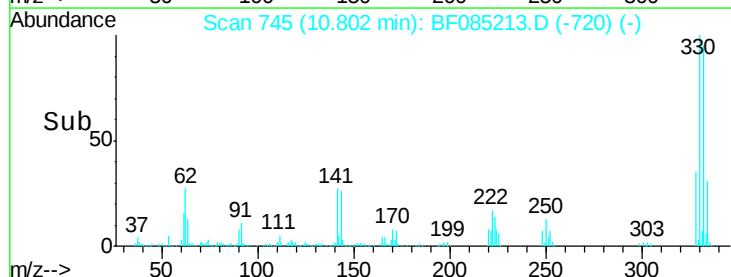


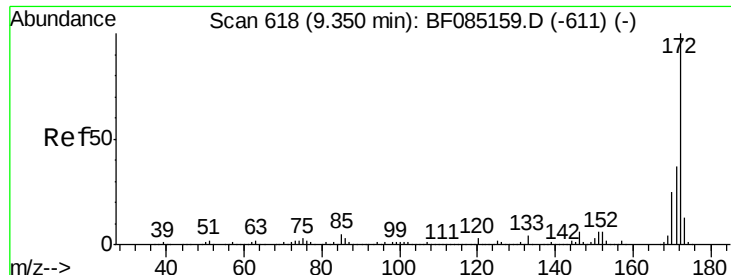
#41
 2,4,6-Tribromophenol
 Concen: 93.29 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	38.9	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

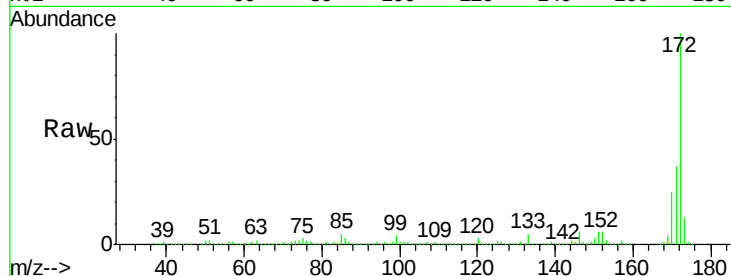




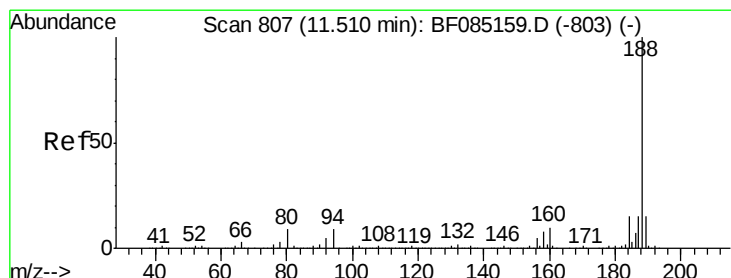
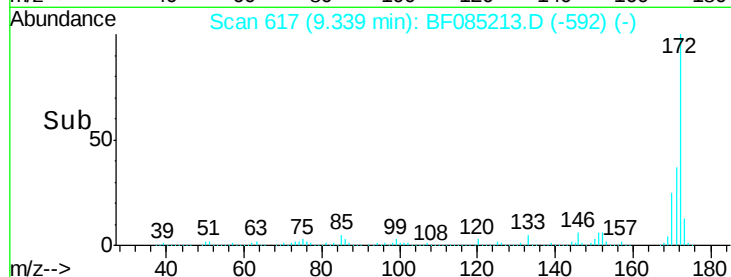
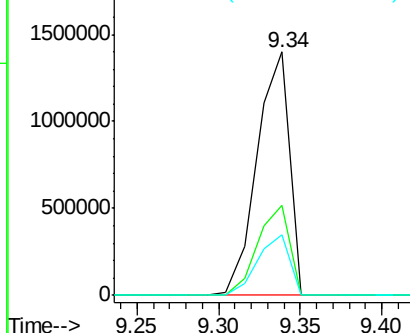
#44
2-Fluorobiphenyl
Concen: 83.32 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TEC-29

Tot Ion:172 Resp: 1928099
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.9 20.0 30.0

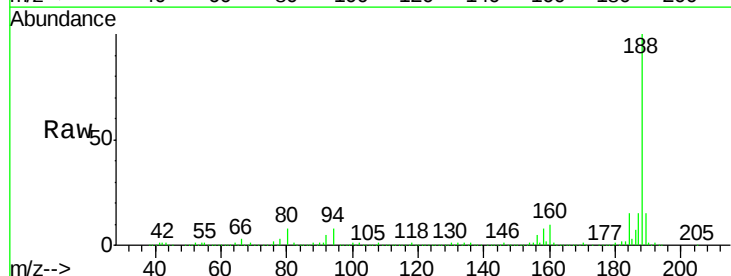


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

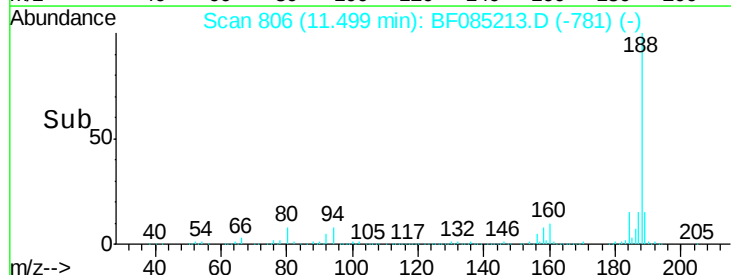
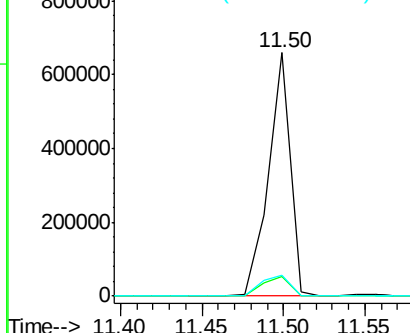


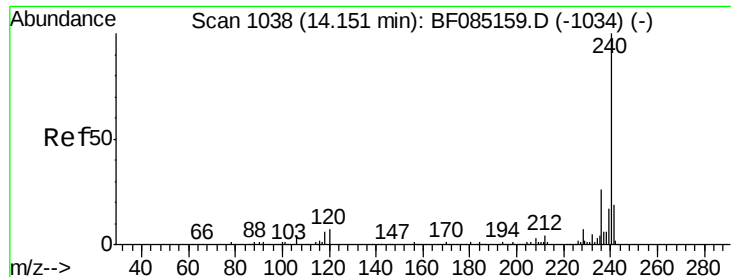
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Tgt Ion:188 Resp: 615053
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.4 7.4 11.0



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampleId :

TEC-29

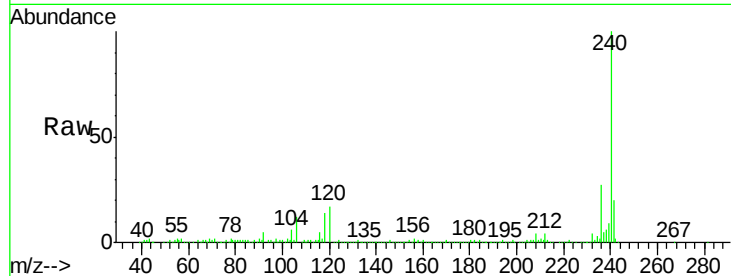
Tot Ion:240 Resp: 359737

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

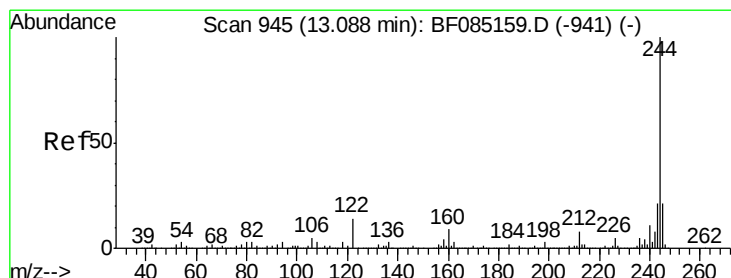
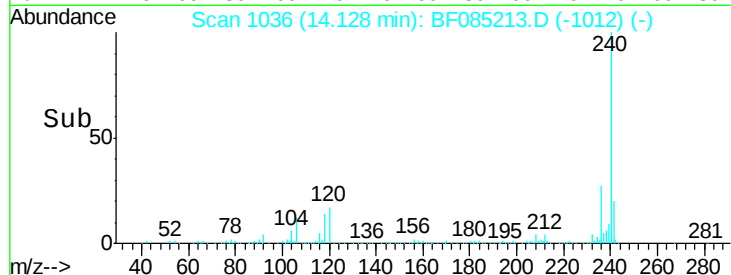
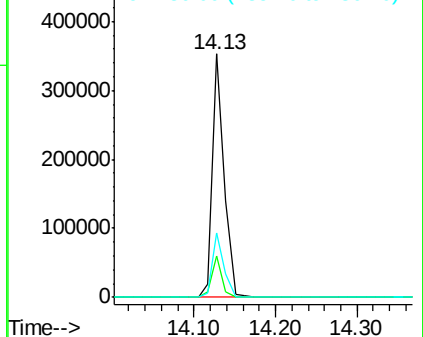
236 26.6 20.7 31.1



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: 94.70 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

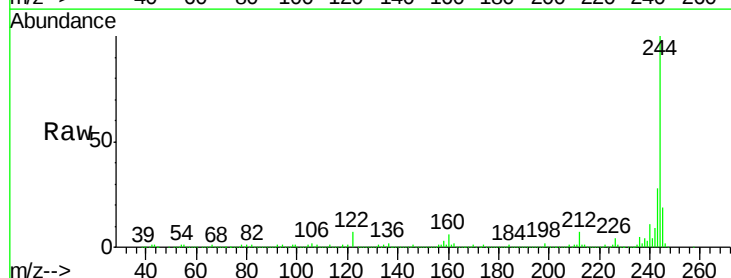
Tgt Ion:244 Resp: 1467554

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

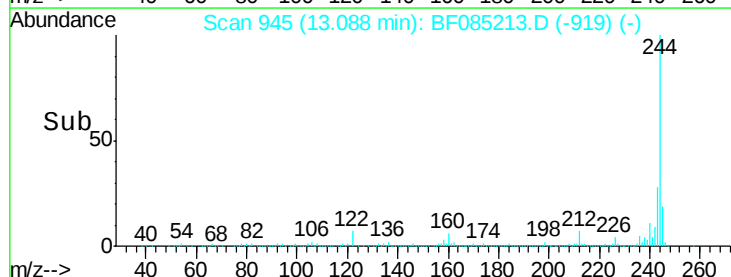
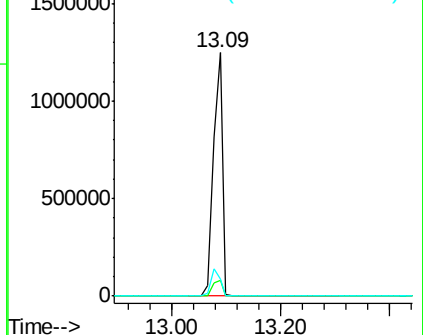
122 7.1 11.4 17.2#

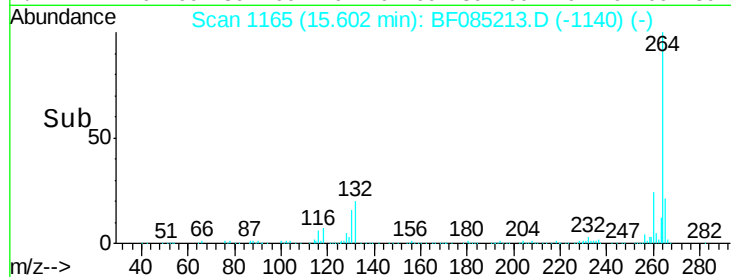
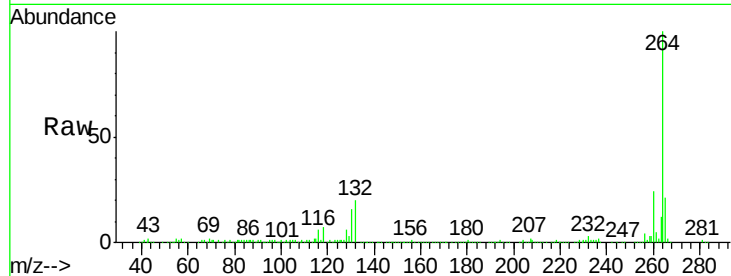
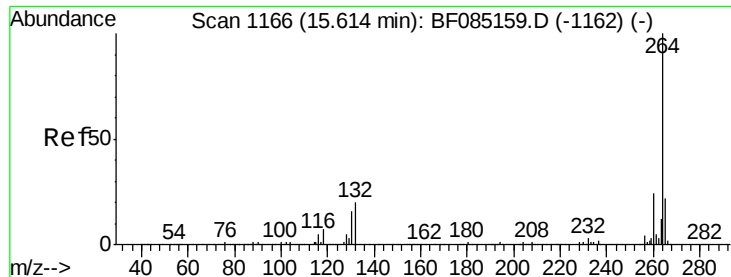


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TEC-29

Tot Ion:264 Resp: 273042
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.0 17.3 25.9

