

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085993.D
 Acq On : 2 Apr 2016 6:25
 Operator : UM/SJ
 Sample : H2079-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Quant Time: Apr 04 01:28:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	113591	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	441830	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	201960	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	398471	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	356445	20.00	ng	0.00
86) Perylene-d12	15.33	264	277335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	410821	61.82	ng	0.00
7) Phenol-d6	6.41	99	352403	41.75	ng	-0.01
23) Nitrobenzene-d5	7.34	82	737392	98.42	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	309828	163.45	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1239111	102.01	ng	0.00
78) Terphenyl-d14	12.88	244	1063448	70.13	ng	0.00

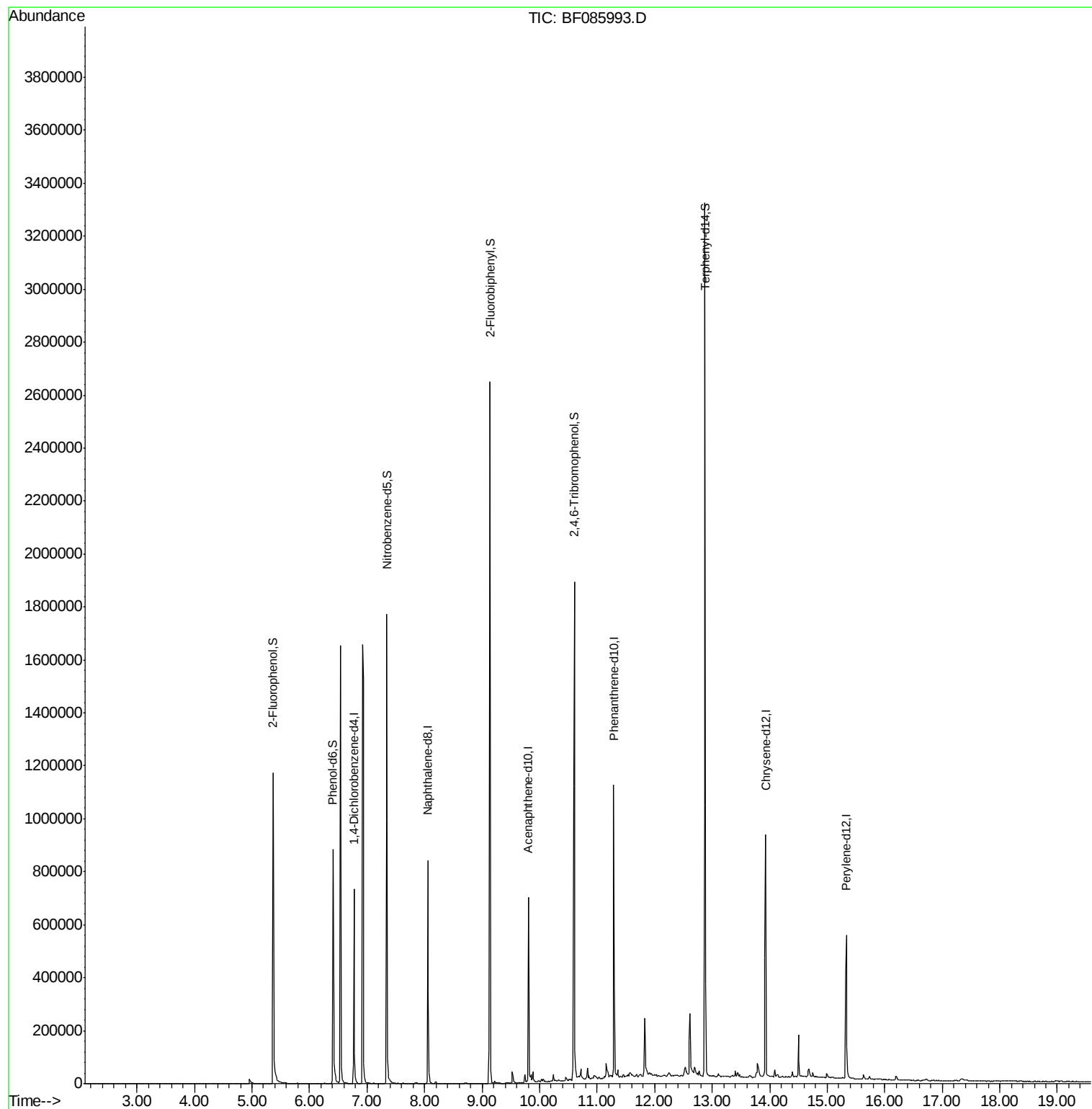
Target Compounds Qvalue

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

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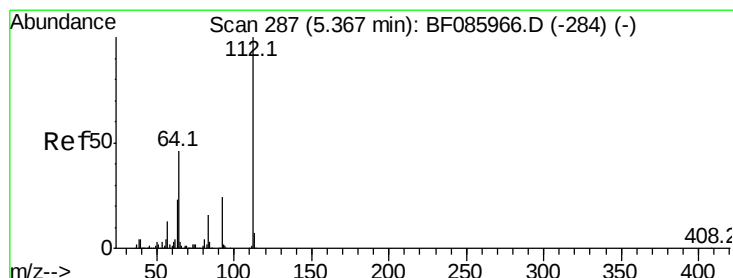
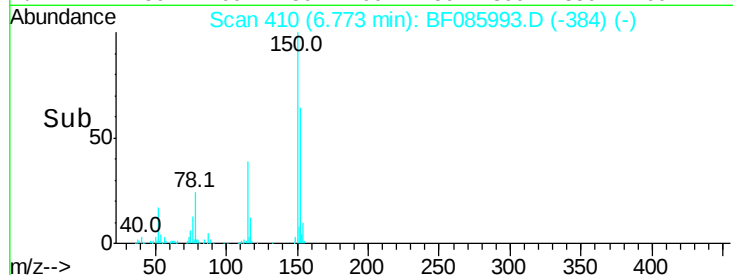
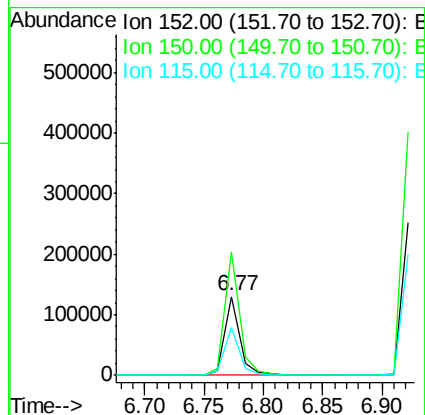
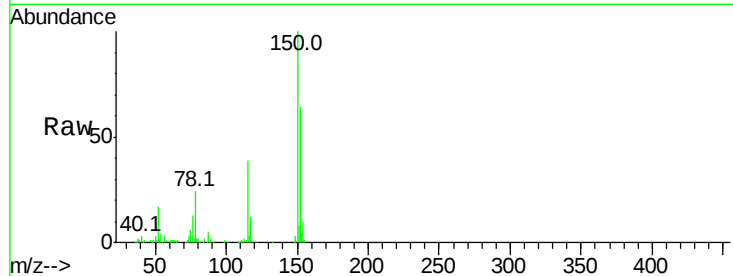


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085993.D
Acq: 2 Apr 2016 6:25

Instrument :
BNA_F
ClientSampleId :
DB-NE-14

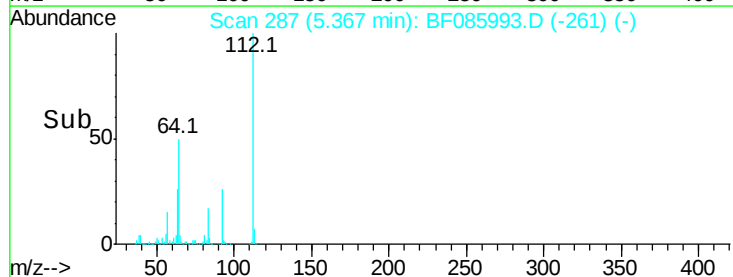
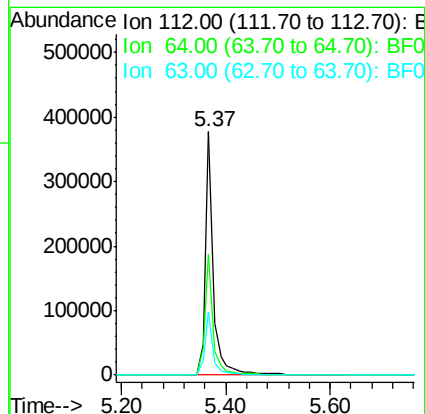
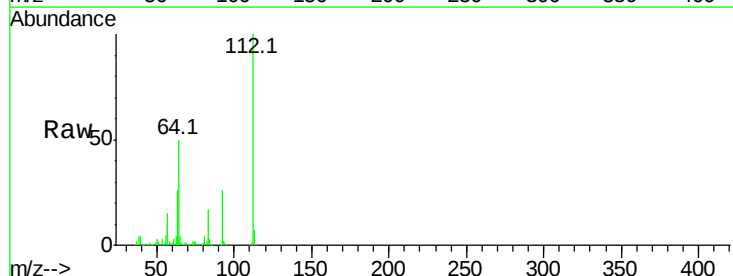
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	60.8	47.0	70.6



#5

2-Fluorophenol
Concen: 61.82 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085993.D
Acq: 2 Apr 2016 6:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.8	39.9	59.9
63	25.8	20.2	30.2





#7

Phenol-d6

Concen: 41.75 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

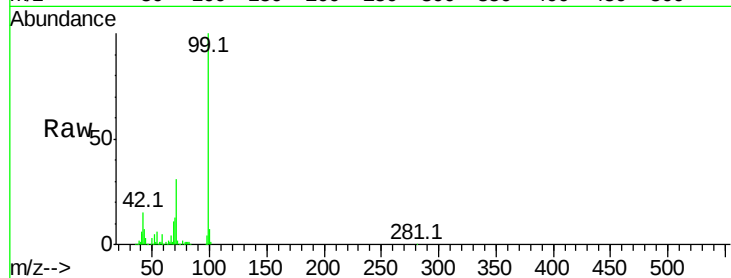
Tot Ion: 99 Resp: 352403

Ion Ratio Lower Upper

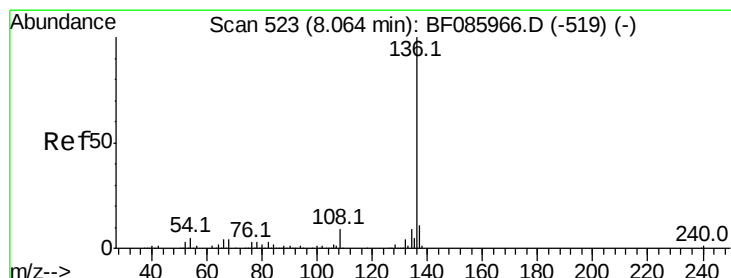
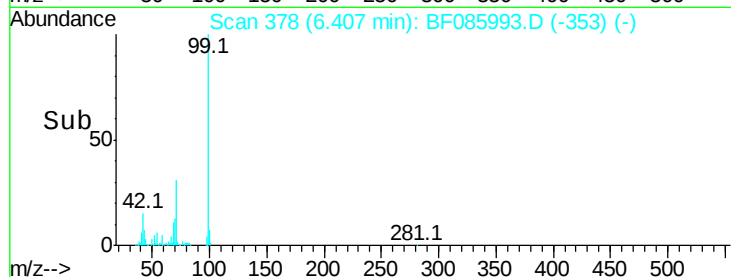
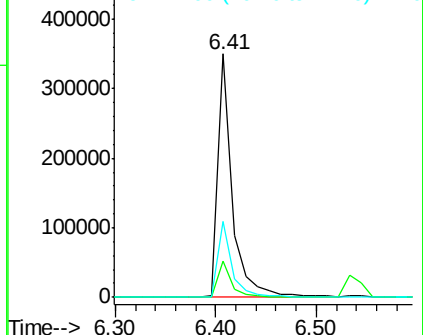
99 100

42 15.0 11.1 16.7

71 31.4 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Tgt Ion: 136 Resp: 441830

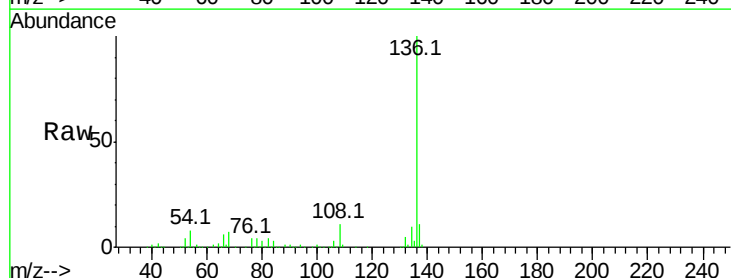
Ion Ratio Lower Upper

136 100

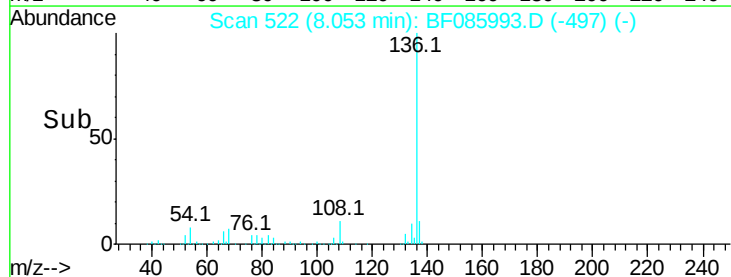
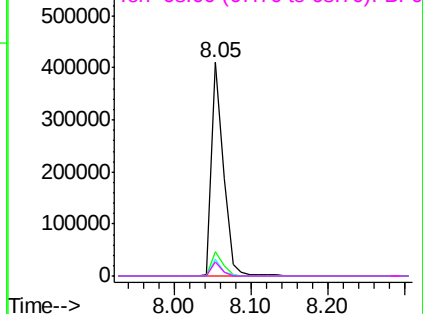
137 11.2 9.1 13.7

54 7.9 7.4 11.0

68 6.7 5.8 8.8



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

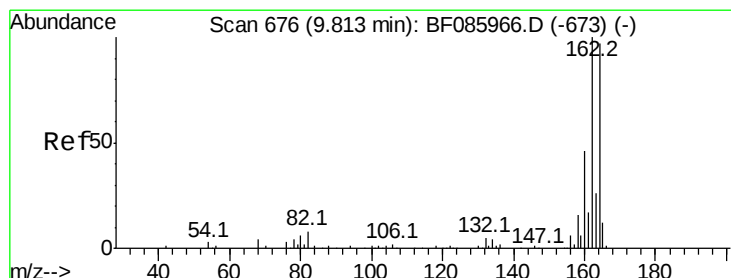
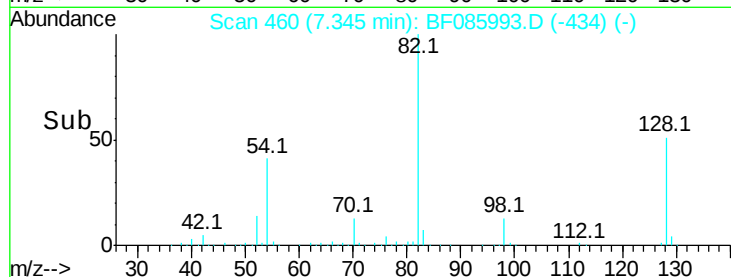
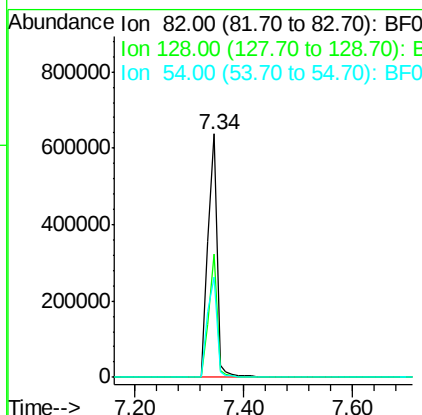
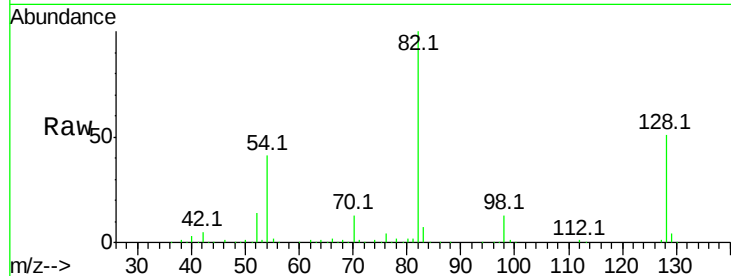




#23
 Nitrobenzene-d5
 Concen: 98.42 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

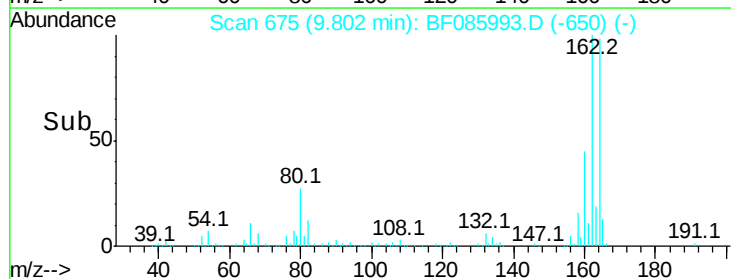
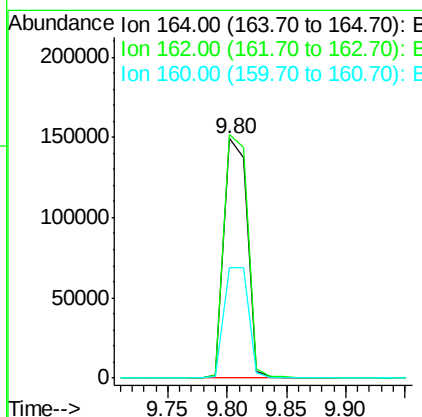
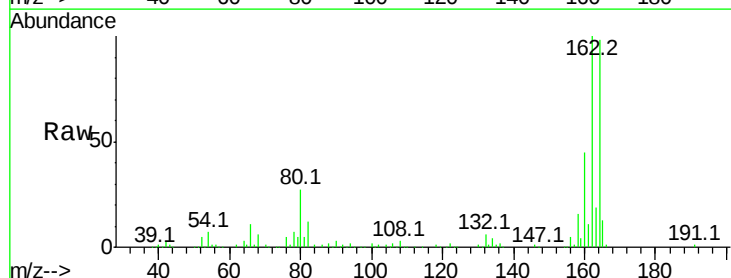
Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

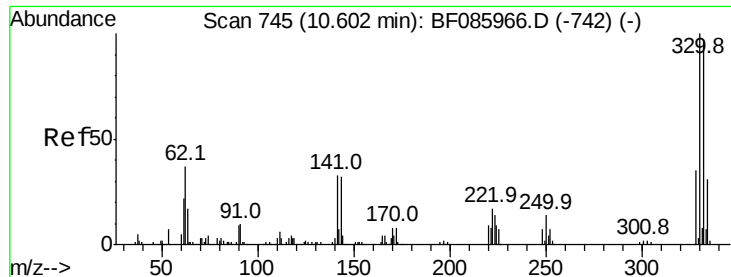
Tot Ion: 82 Resp: 737392
 Ion Ratio Lower Upper
 82 100
 128 50.6 41.8 62.8
 54 41.4 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

Tgt Ion:164 Resp: 201960
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.1 123.1
 160 46.2 37.4 56.2

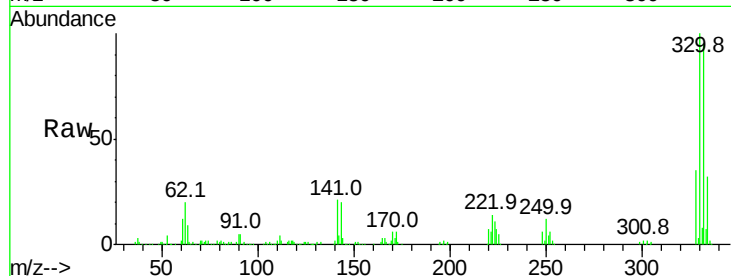




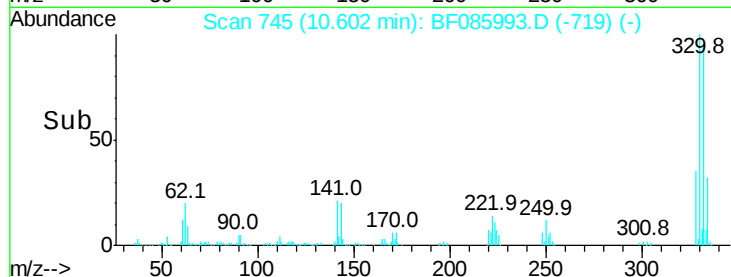
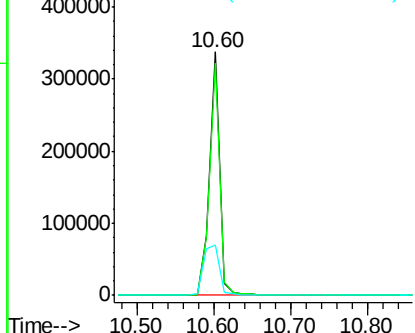
#41
 2,4,6-Tribromophenol
 Concen: 163.45 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

Instrument :
 BNA_F
 ClientSampleId :
 DB-NE-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.2	117.2
141	32.7	31.5	47.3

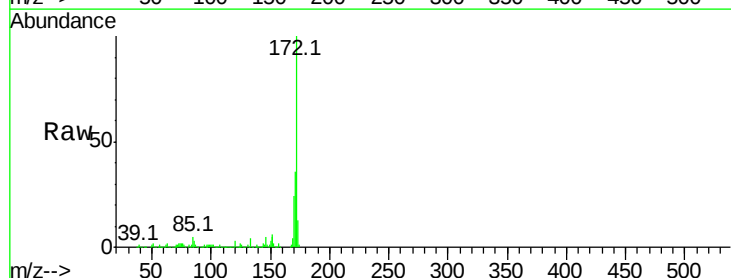


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

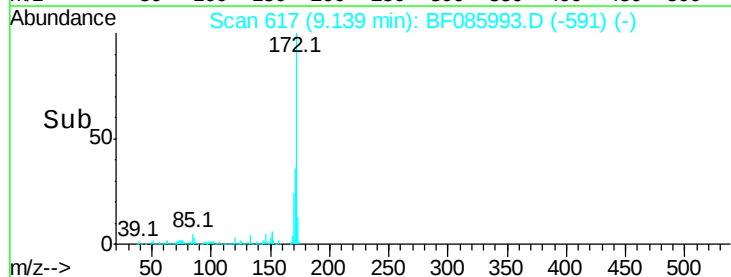
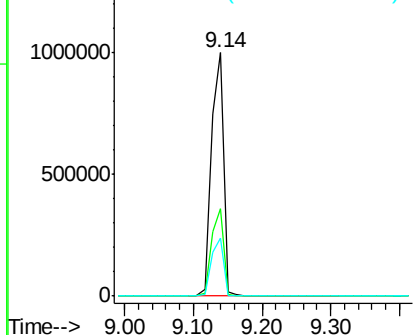


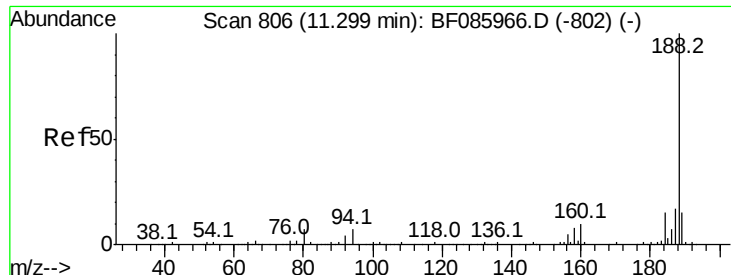
#44
 2-Fluorobiphenyl
 Concen: 102.01 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF085993.D
 Acq: 2 Apr 2016 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	23.9	19.8	29.6



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

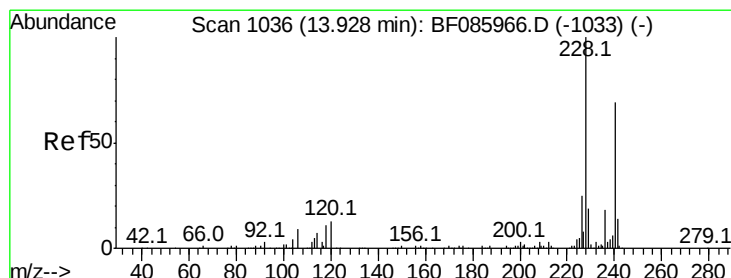
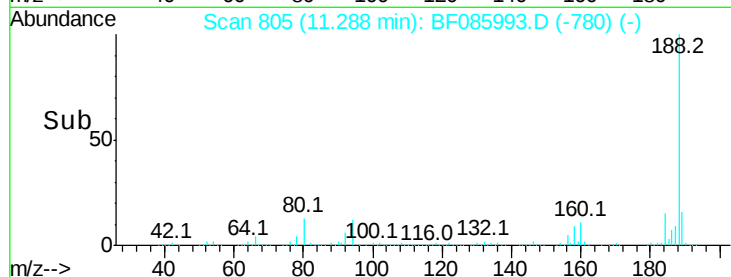
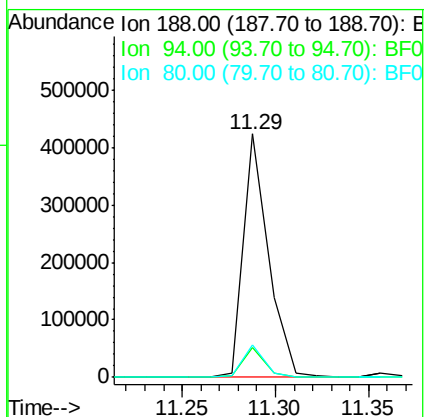
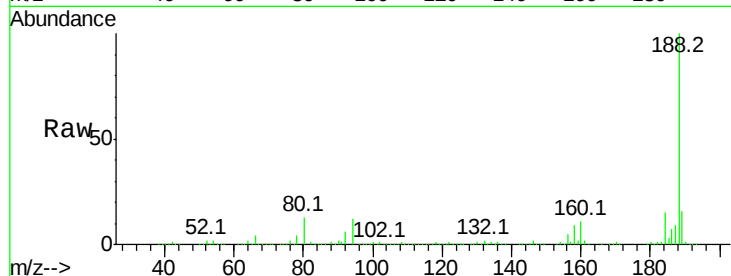




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085993.D
Acq: 2 Apr 2016 6:25

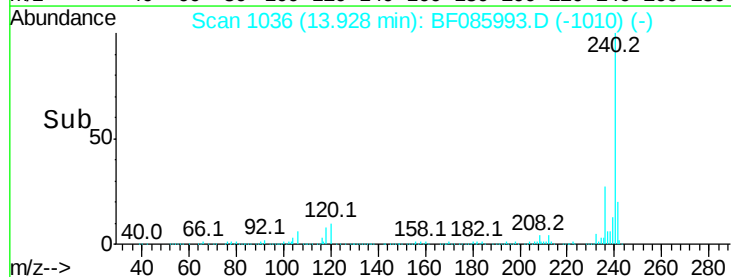
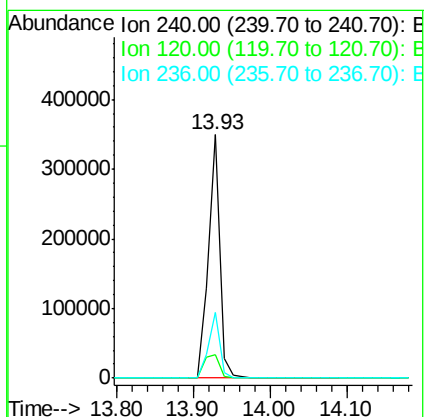
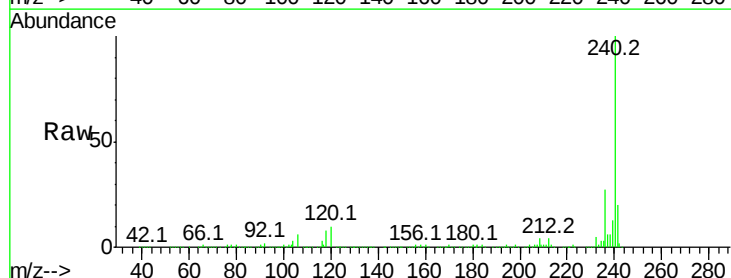
Instrument :
BNA_F
ClientSampled :
DB-NE-14

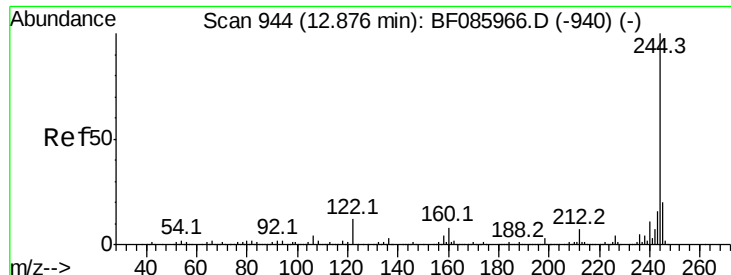
Tot Ion:188 Resp: 398471
Ion Ratio Lower Upper
188 100
94 12.3 5.4 8.0#
80 13.4 5.5 8.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085993.D
Acq: 2 Apr 2016 6:25

Tgt Ion:240 Resp: 356445
Ion Ratio Lower Upper
240 100
120 9.7 13.8 20.8#
236 26.8 20.6 30.8





#78

Terphenyl-d14

Concen: 70.13 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

Instrument :

BNA_F

ClientSampleId :

DB-NE-14

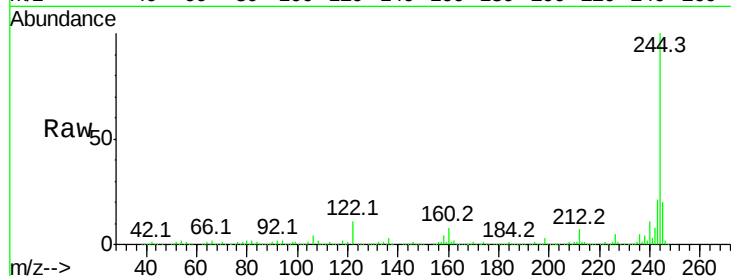
Tot Ion:244 Resp: 1063448

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

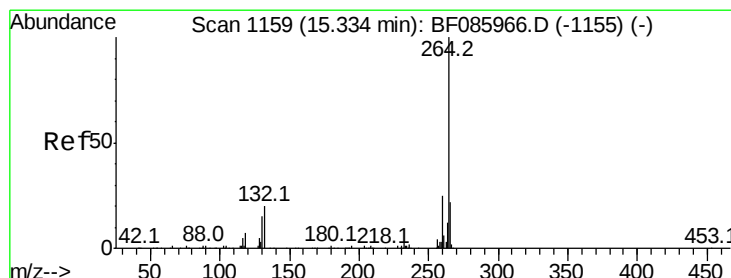
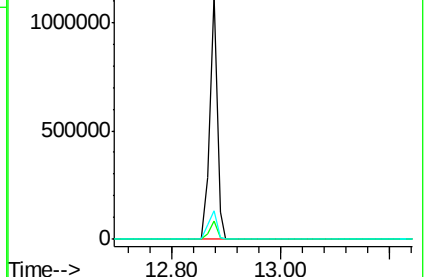
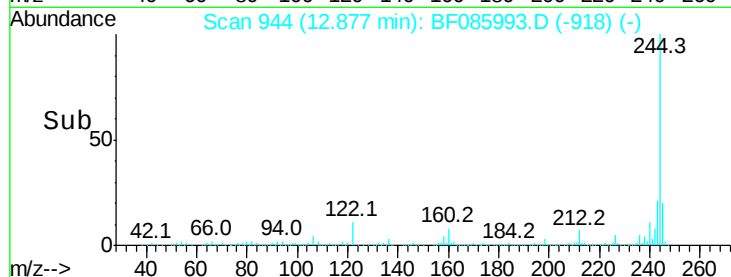
122 11.5 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF085993.D

Acq: 2 Apr 2016 6:25

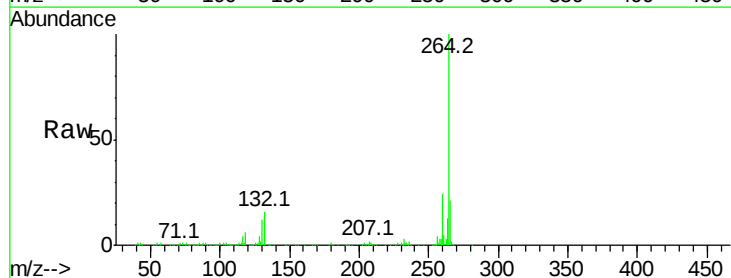
Tgt Ion:264 Resp: 277335

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.2 17.2 25.8



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

