

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084234.D
 Acq On : 4 Jan 2016 13:04
 Operator : UM/SJ
 Sample : G4982-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Quant Time: Jan 05 05:53:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	319807	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1340189	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	574337	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	1054963	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	879974	20.00	ng	-0.01
86) Perylene-d12	15.49	264	642091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1338228	67.68	ng	0.00
7) Phenol-d6	6.52	99	1002185	40.36	ng	-0.01
23) Nitrobenzene-d5	7.46	82	2255481	93.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	916095	157.99	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	3448352	107.28	ng	-0.01
78) Terphenyl-d14	13.01	244	3421342	86.79	ng	0.00

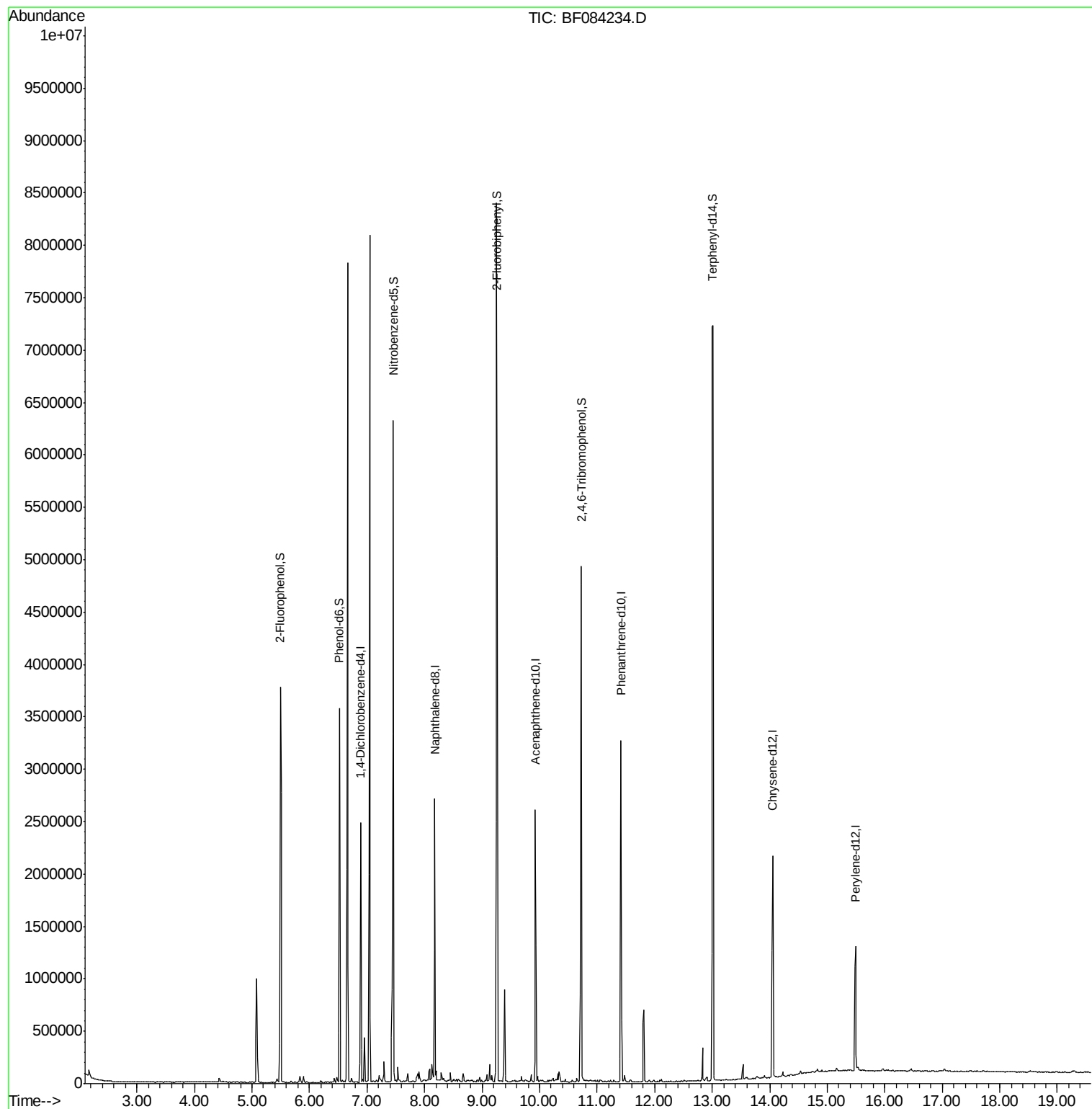
Target Compounds Qvalue

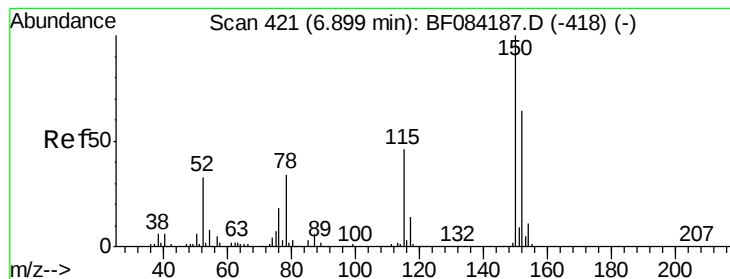
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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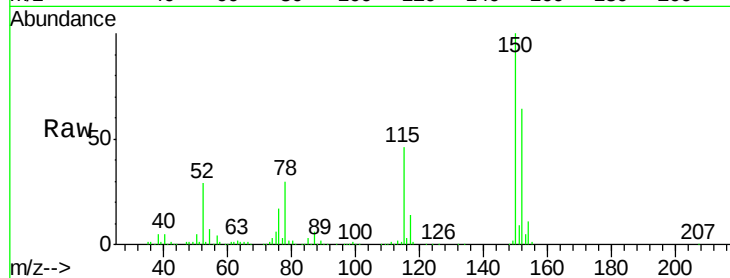




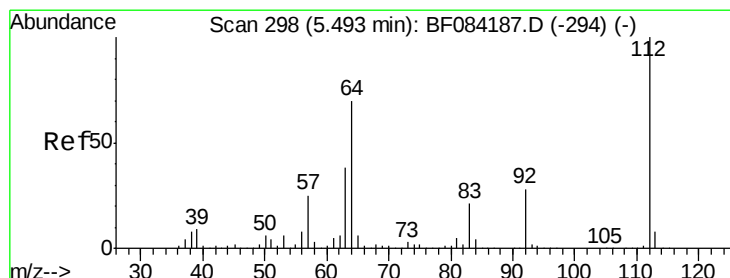
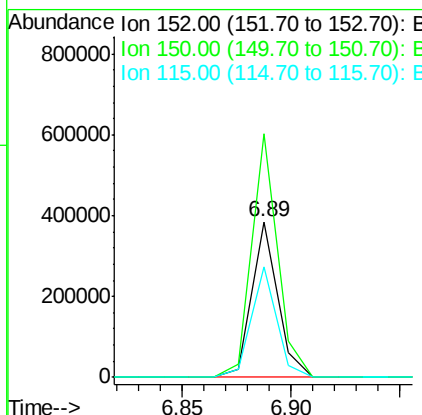
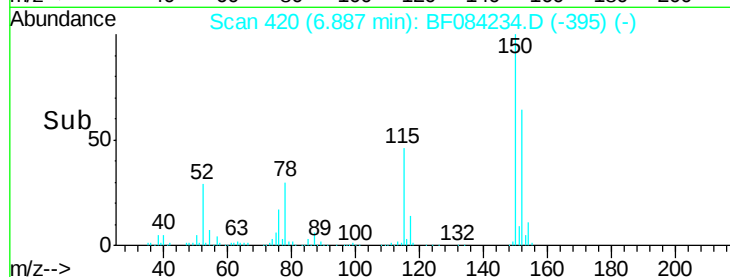
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.4
115	71.2	51.4	77.2

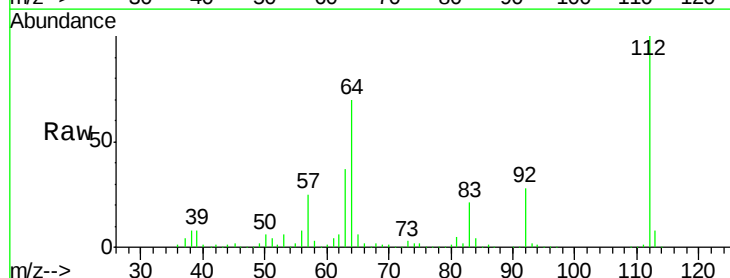


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

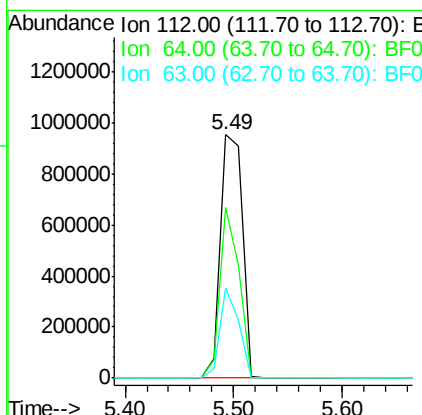
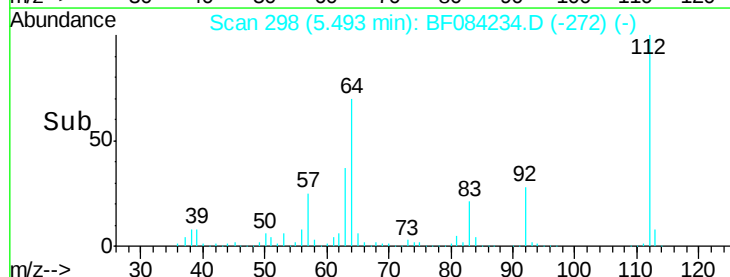


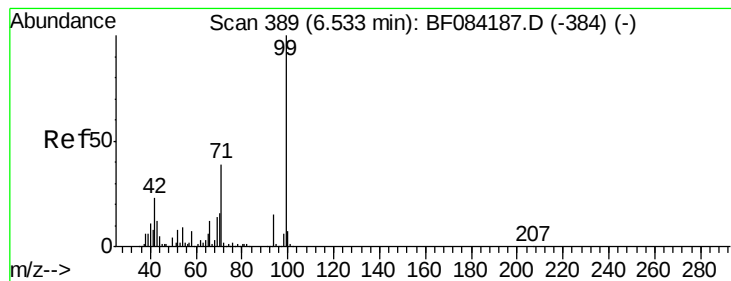
#5
 2-Fluorophenol
 Concen: 67.68 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	36.6	55.0#
63	36.9	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: 40.36 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

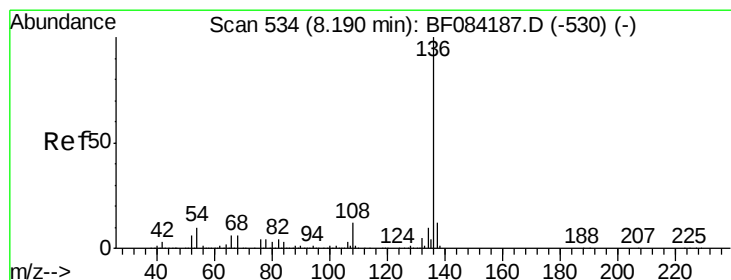
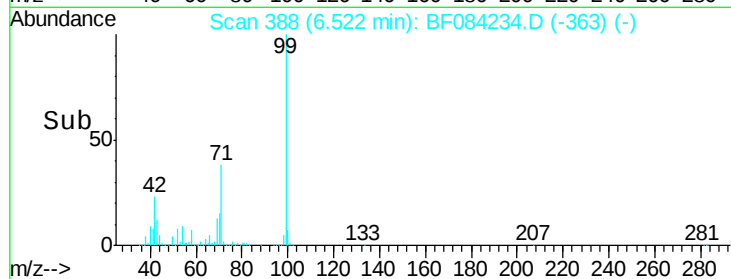
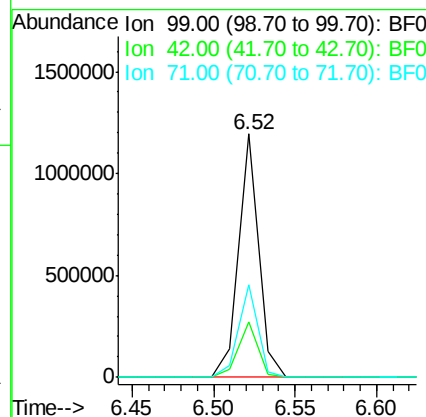
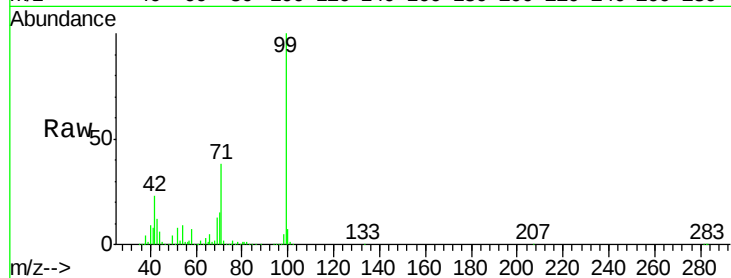
BNA_F

ClientSampleId :

EB-S8-2015-5

Tot Ion: 99 Resp: 1002185

Ion	Ratio	Lower	Upper
99	100		
42	22.5	12.8	19.2#
71	37.8	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

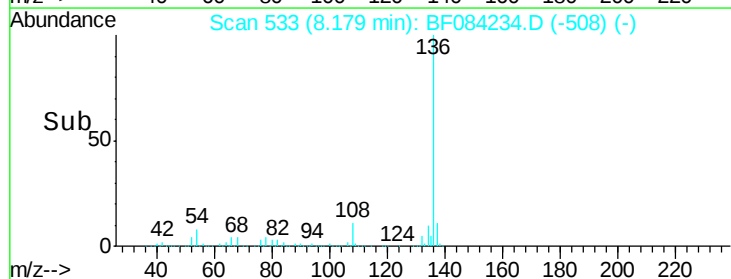
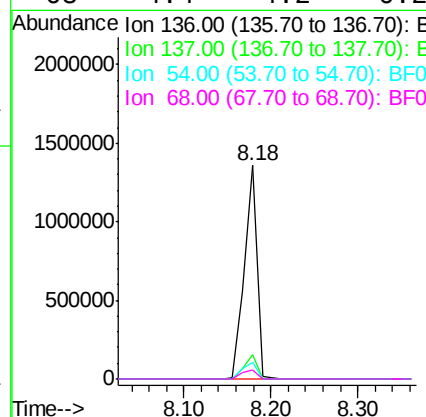
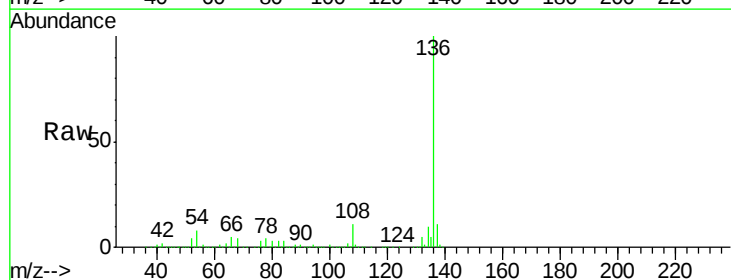
Delta R.T. -0.01 min

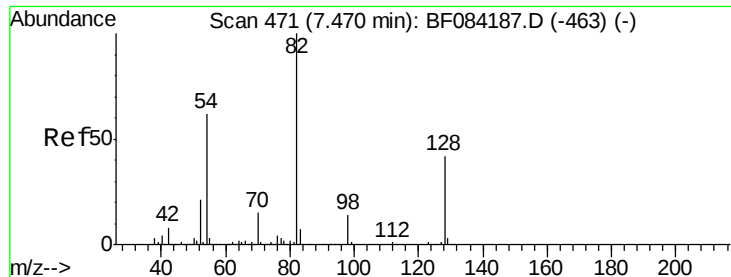
Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Tgt Ion: 136 Resp: 1340189

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.6	5.8	8.8
68	4.4	4.2	6.2

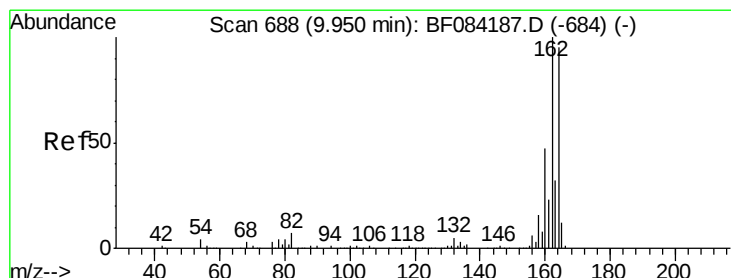
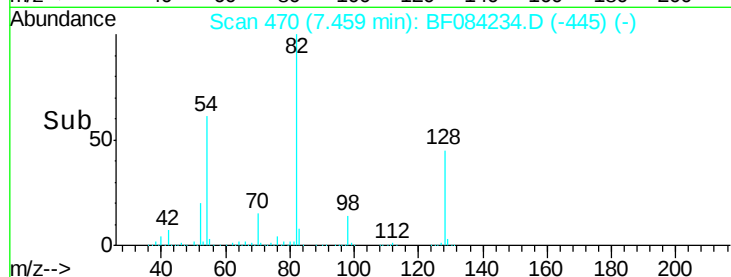
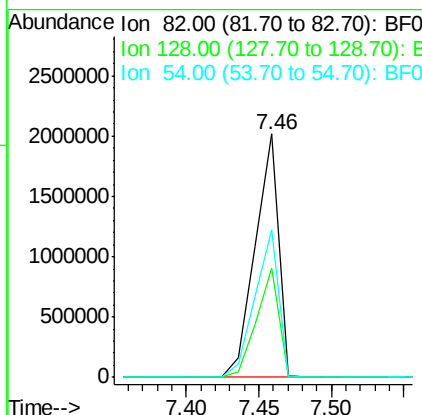
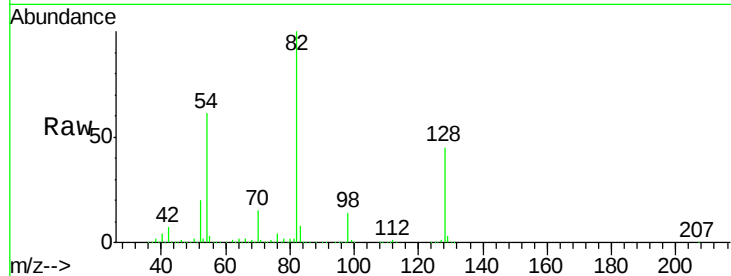




#23
 Nitrobenzene-d5
 Concen: 93.66 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

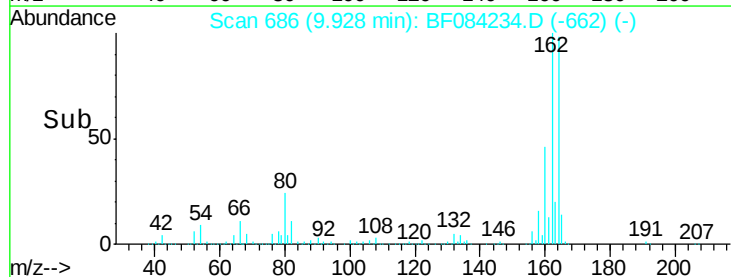
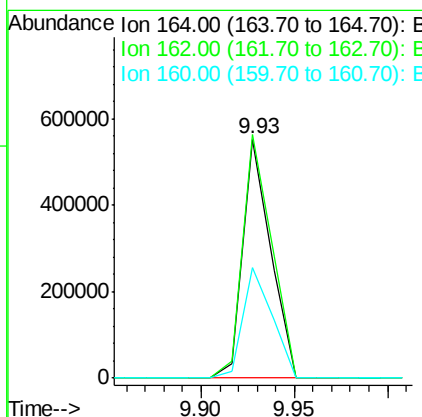
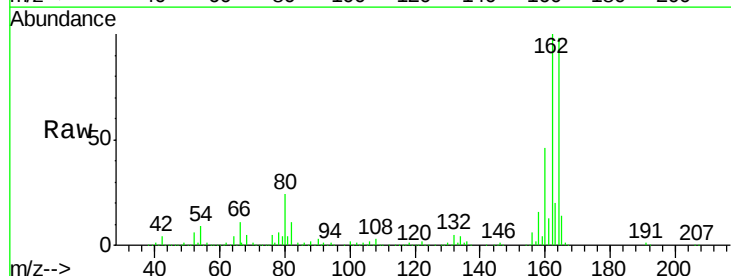
Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

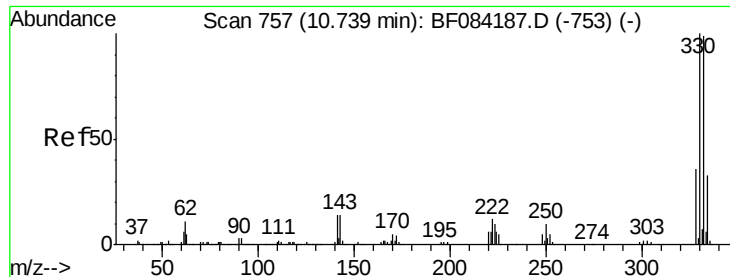
Tot Ion: 82 Resp: 2255481
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 51.8
 54 60.8 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.02 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion:164 Resp: 574337
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 46.5 37.5 56.3

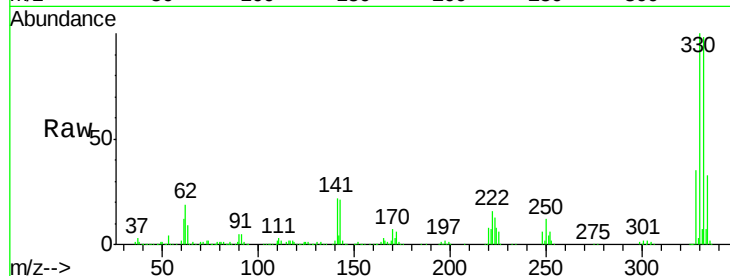




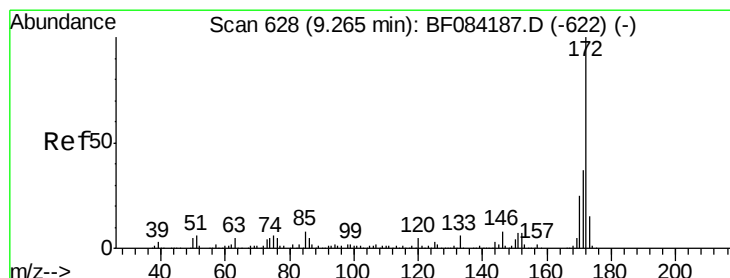
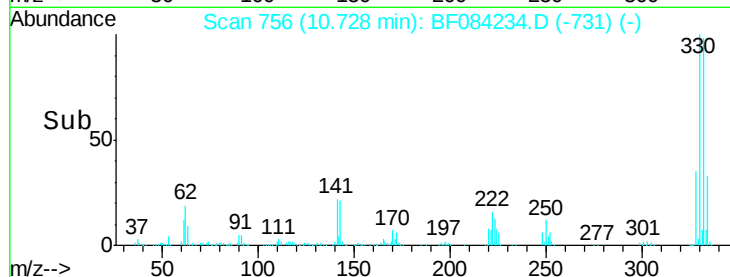
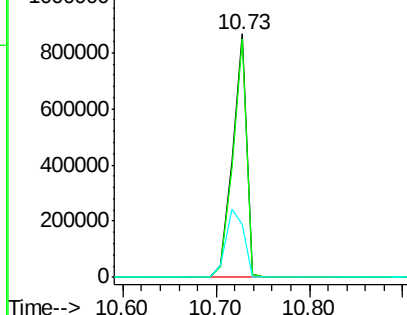
#41
 2,4,6-Tribromophenol
 Concen: 157.99 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Instrument :
 BNA_F
 ClientSampleId :
 EB-S8-2015-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	35.6	27.8	41.6

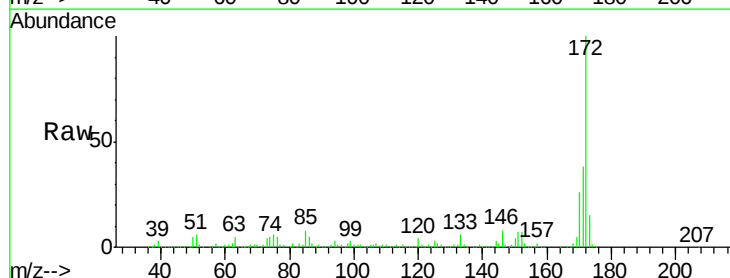


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

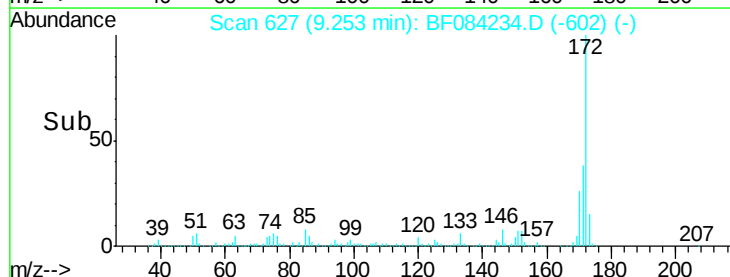
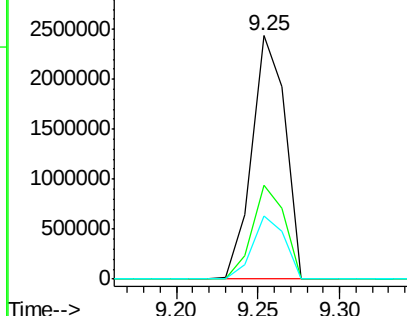


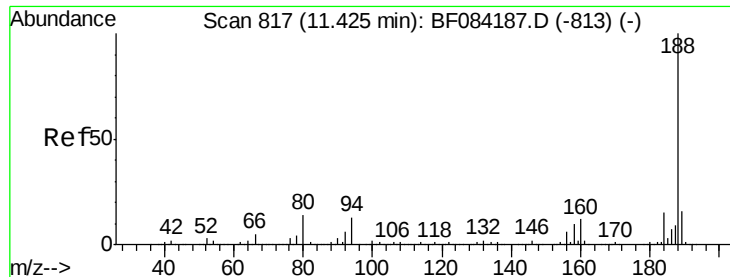
#44
 2-Fluorobiphenyl
 Concen: 107.28 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084234.D
 Acq: 4 Jan 2016 13:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.0	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

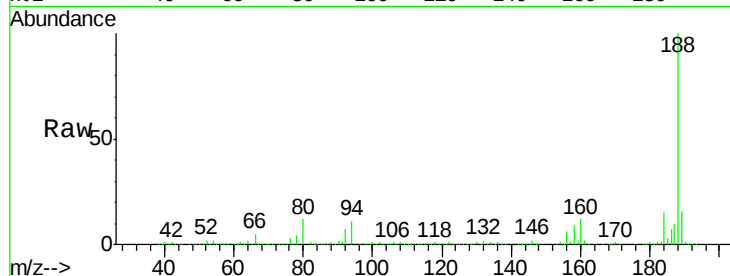




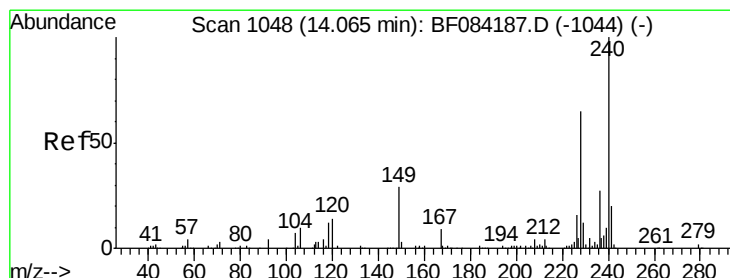
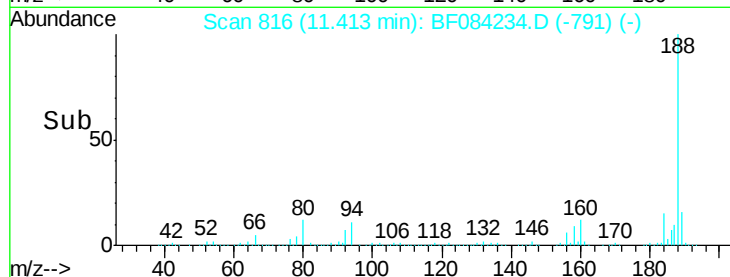
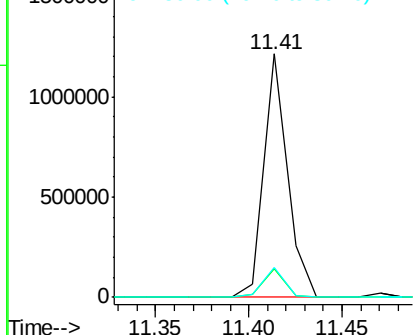
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

Instrument :
BNA_F
ClientSampleId :
EB-S8-2015-5

Tot Ion:188 Resp: 1054963
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 12.3 9.6 14.4

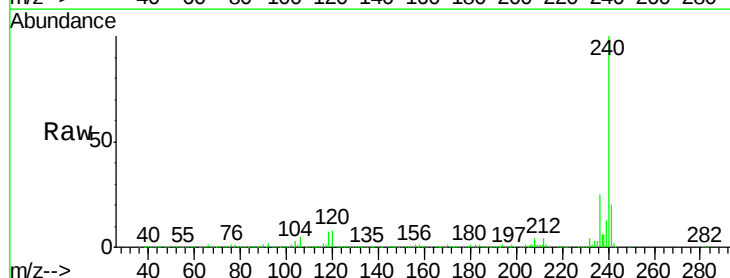


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

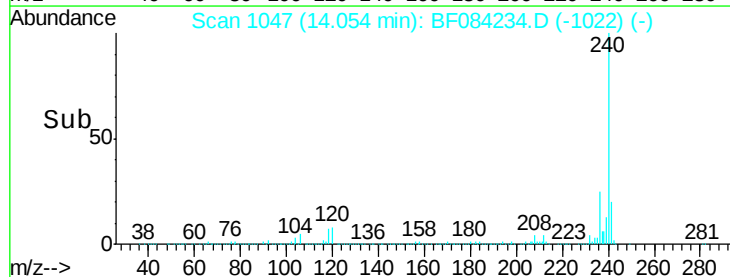
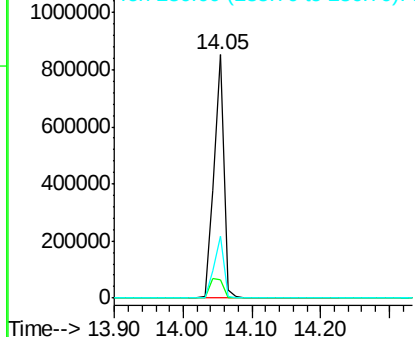


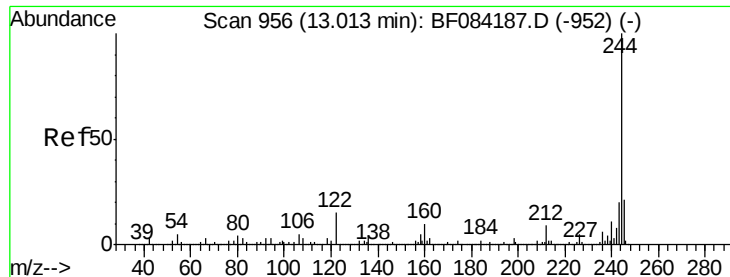
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084234.D
Acq: 4 Jan 2016 13:04

Tgt Ion:240 Resp: 879974
Ion Ratio Lower Upper
240 100
120 7.8 9.5 14.3#
236 25.4 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: 86.79 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

Instrument :

BNA_F

ClientSampleId :

EB-S8-2015-5

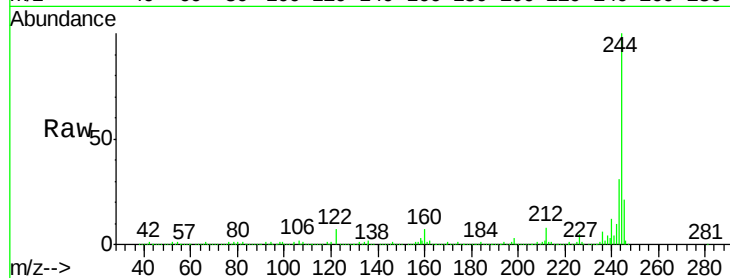
Tot Ion:244 Resp: 3421342

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

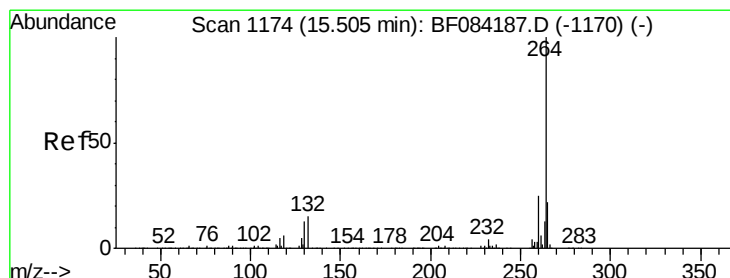
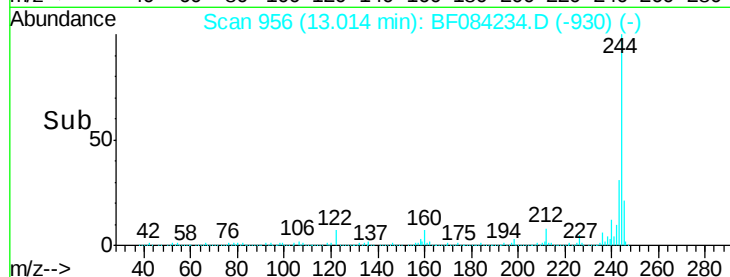
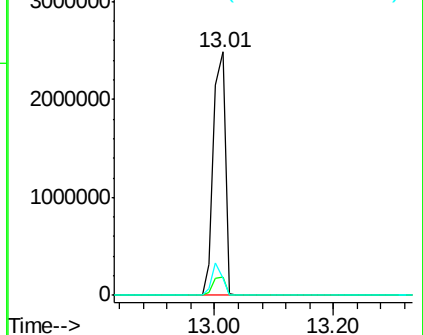
122 7.1 7.4 11.0#



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: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF084234.D

Acq: 4 Jan 2016 13:04

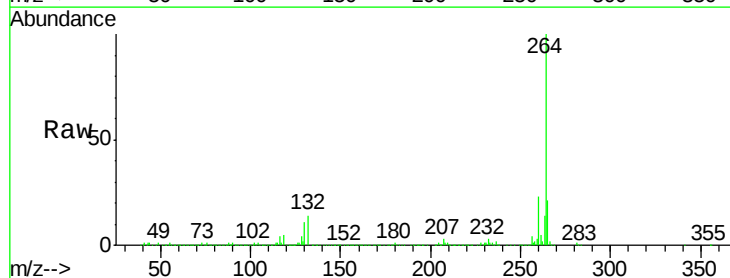
Tgt Ion:264 Resp: 642091

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.0 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

