

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084520.D
 Acq On : 16 Jan 2016 5:20
 Operator : SJ/UM
 Sample : H1144-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-2

Quant Time: Jan 16 05:49:55 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	6.82	152	250773	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	1010823	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	432329	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	773534	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	604466	20.00	ng	-0.01
86) Perylene-d12	15.40	264	543747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1049060	67.66	ng	-0.01
7) Phenol-d6	6.46	99	838963	43.09	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1741558	95.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	691005	158.32	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2949961	122.85	ng	0.00
78) Terphenyl-d14	12.93	244	2205369	81.44	ng	-0.01

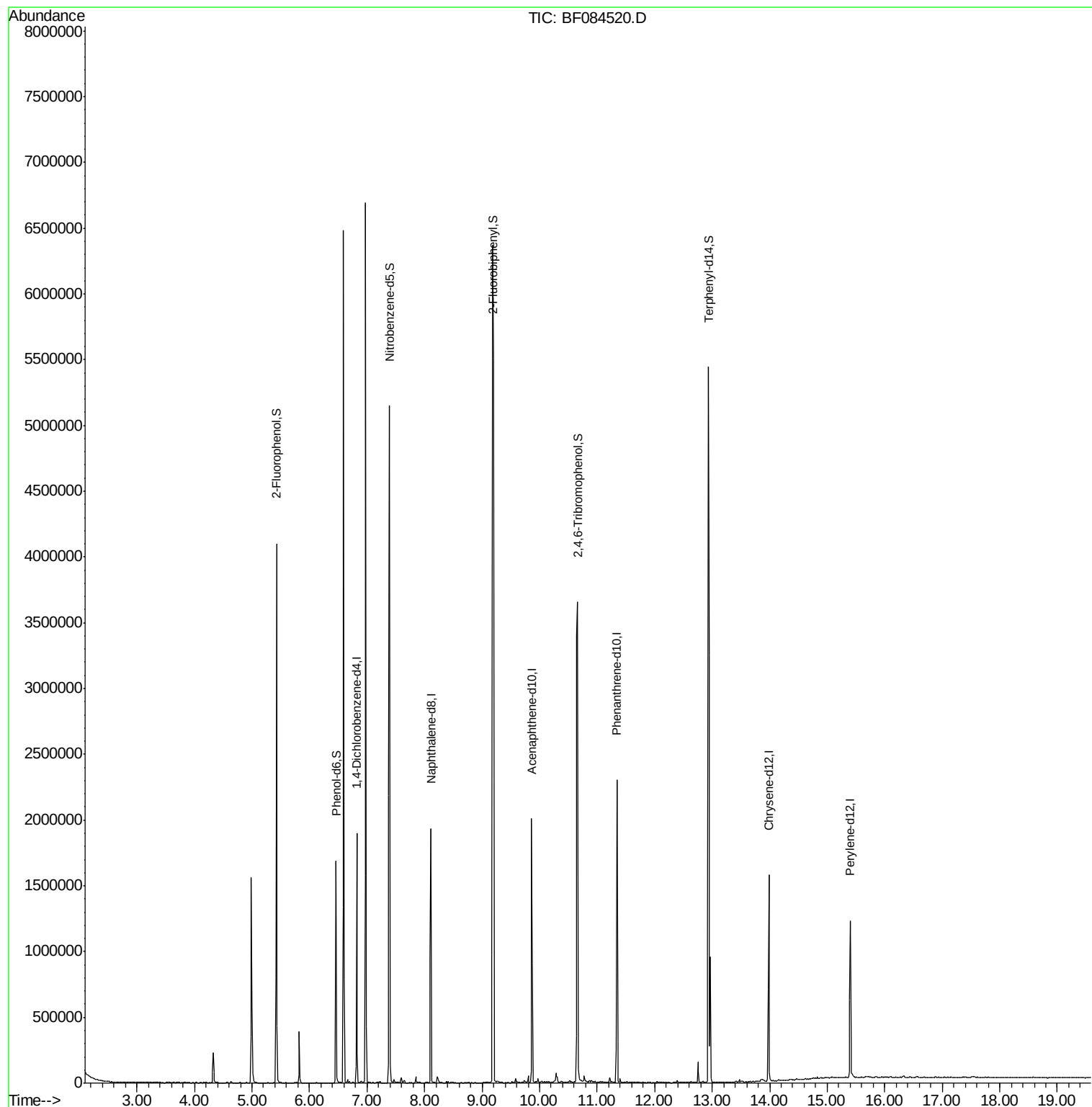
Target Compounds Qvalue

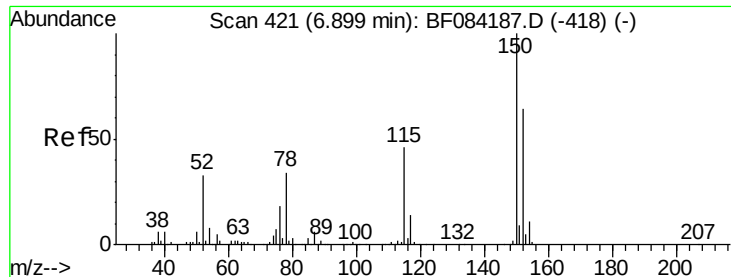
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TWP-2

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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QLast Update : Thu Jan 14 14:15:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084520.D

Acq: 16 Jan 2016 5:20

Instrument :

BNA_F

ClientSampleId :

TWP-2

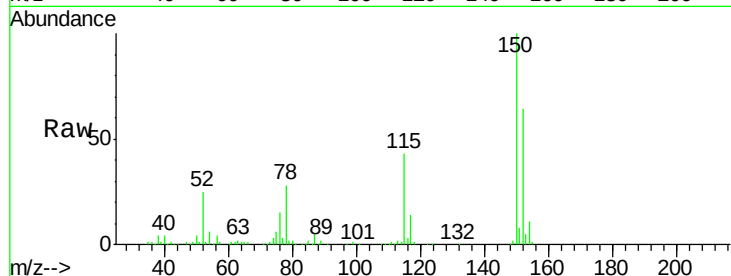
Tot Ion:152 Resp: 250773

Ion Ratio Lower Upper

152 100

150 156.4 123.0 184.4

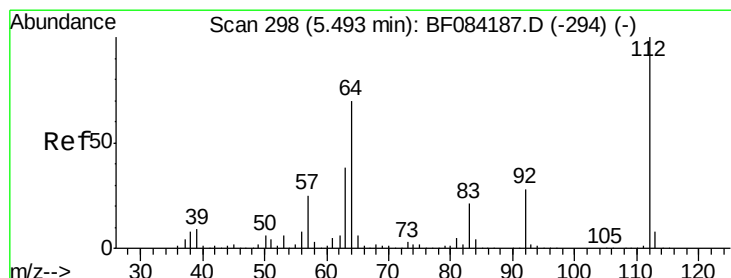
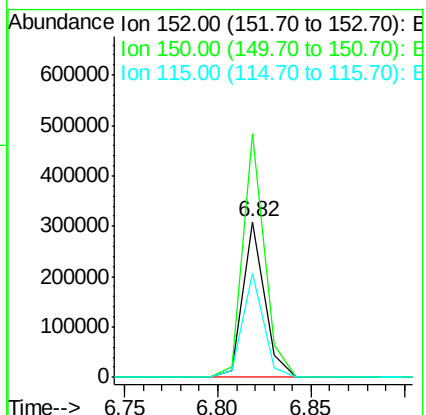
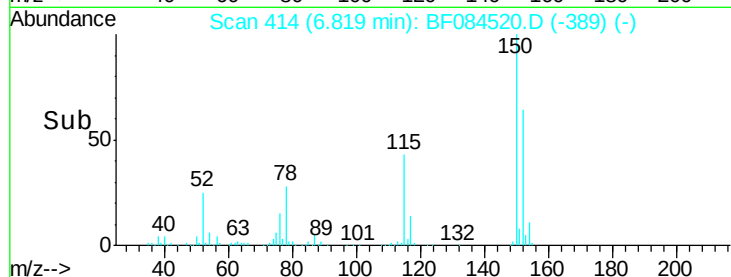
115 66.9 51.4 77.2



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: 67.66 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF084520.D

Acq: 16 Jan 2016 5:20

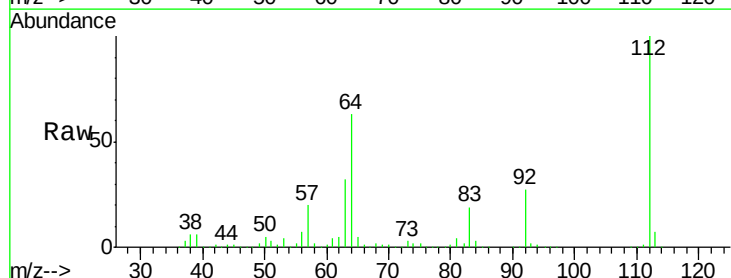
Tgt Ion:112 Resp: 1049060

Ion Ratio Lower Upper

112 100

64 62.9 36.6 55.0#

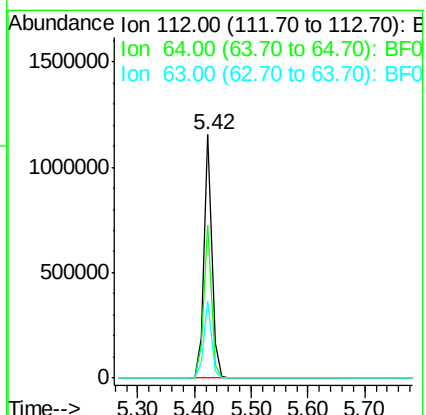
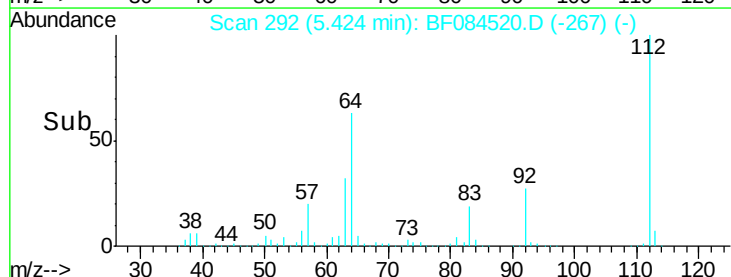
63 31.6 19.4 29.0#

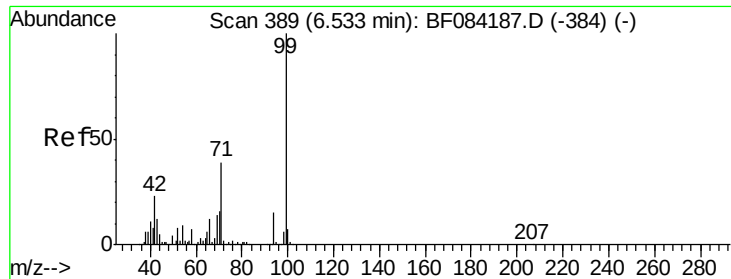


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.09 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084520.D

Acq: 16 Jan 2016 5:20

Instrument :

BNA_F

ClientSampleId :

TWP-2

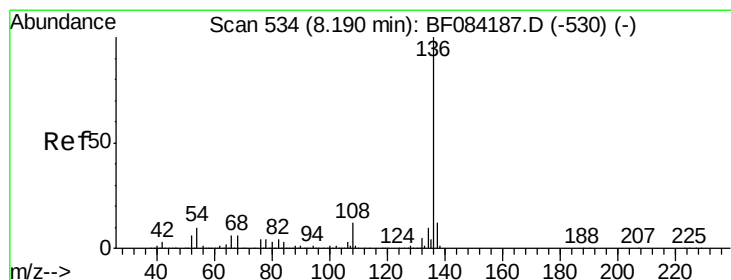
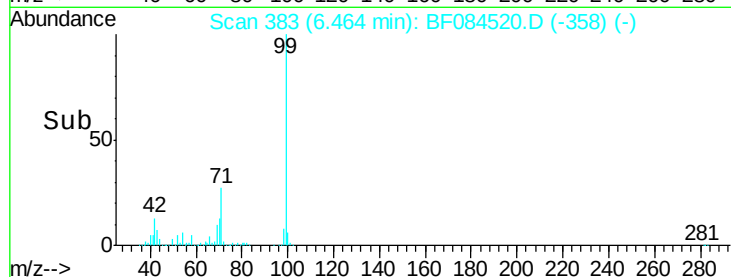
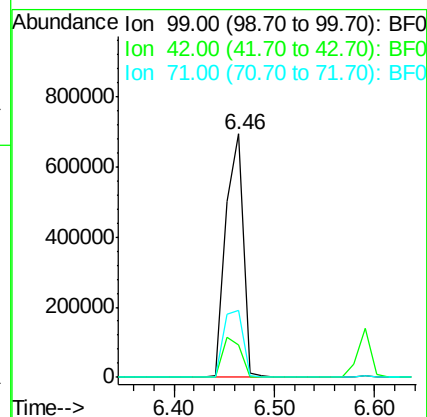
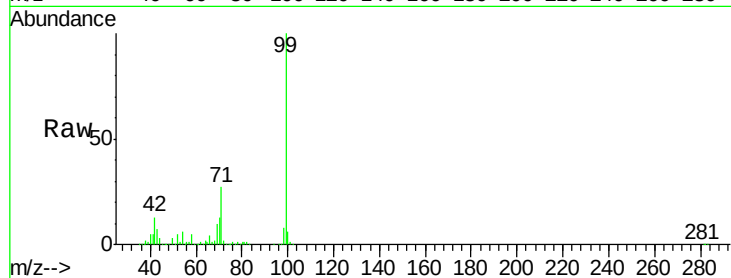
Tot Ion: 99 Resp: 838963

Ion Ratio Lower Upper

99 100

42 13.1 12.8 19.2

71 27.4 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF084520.D

Acq: 16 Jan 2016 5:20

Tgt Ion: 136 Resp: 1010823

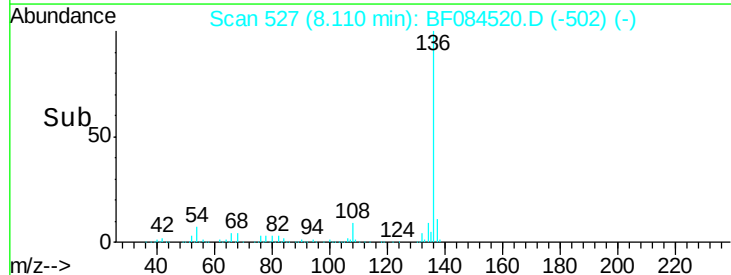
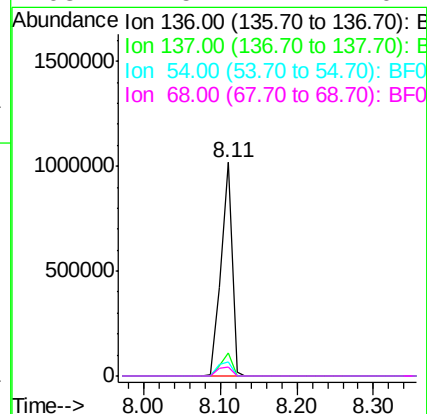
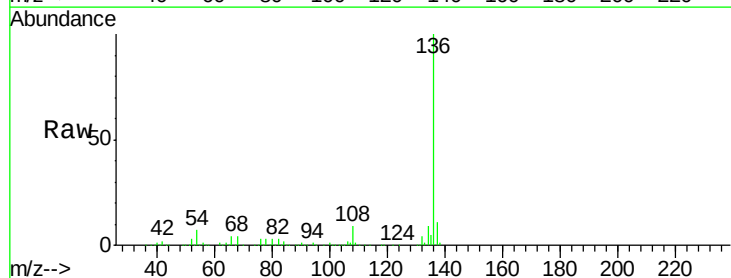
Ion Ratio Lower Upper

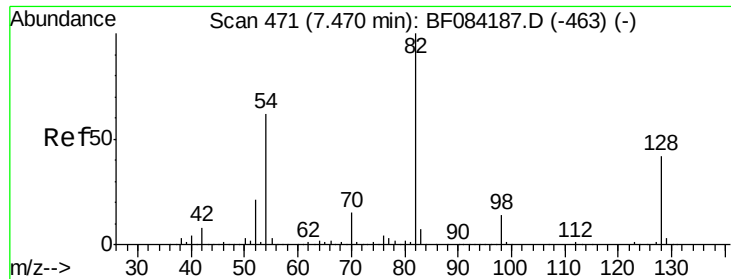
136 100

137 11.0 8.7 13.1

54 6.6 5.8 8.8

68 4.5 4.2 6.2



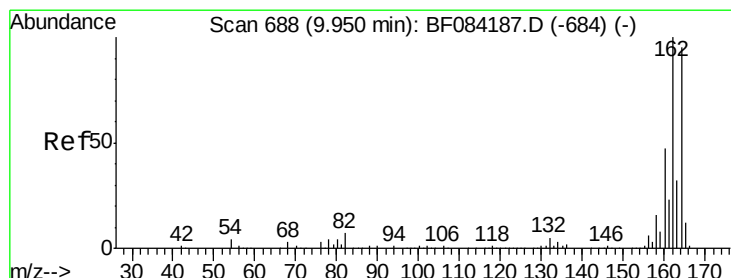
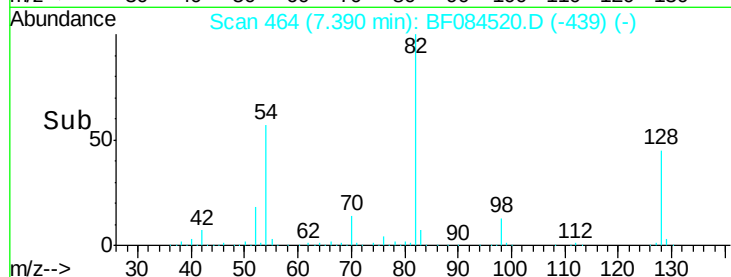
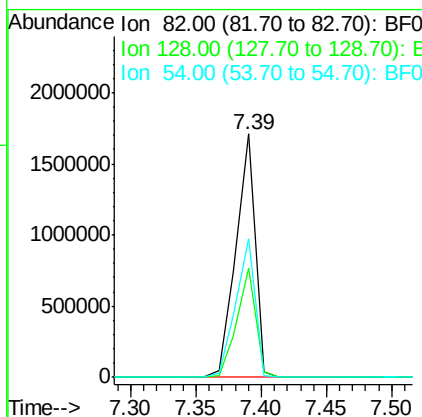
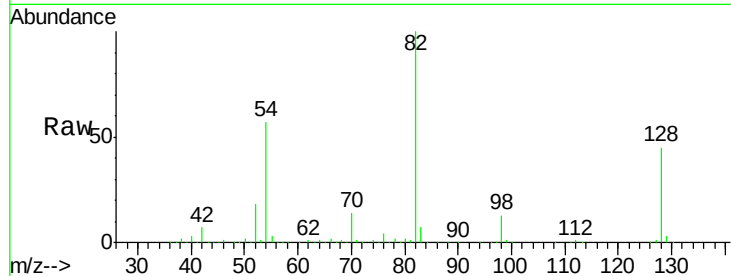


#23
 Nitrobenzene-d5
 Concen: 95.89 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

Instrument :
 BNA_F
 ClientSampled :
 TWP-2

Tot Ion: 82 Resp: 1741558

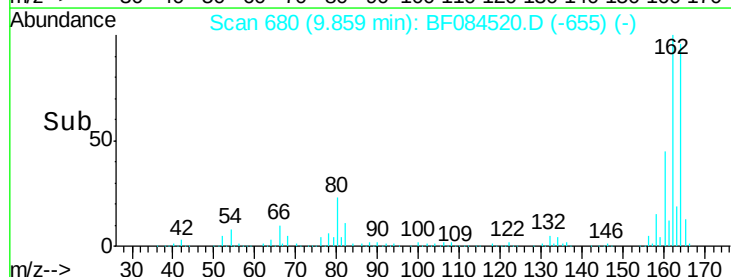
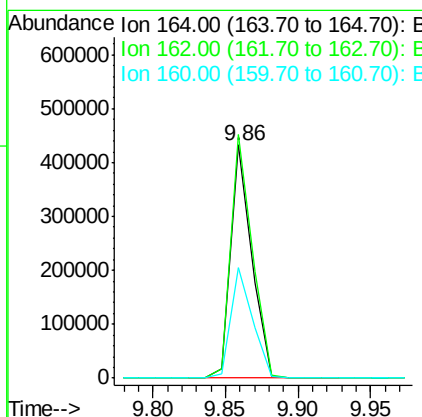
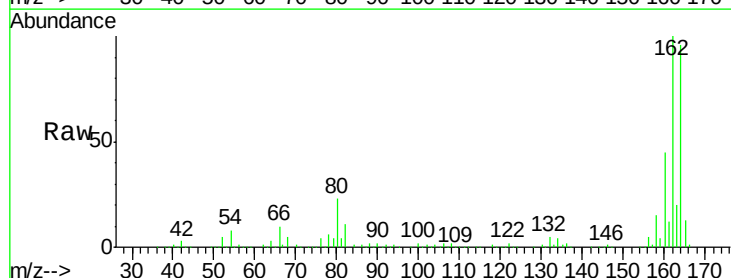
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	51.8
54	56.8	38.4	57.6

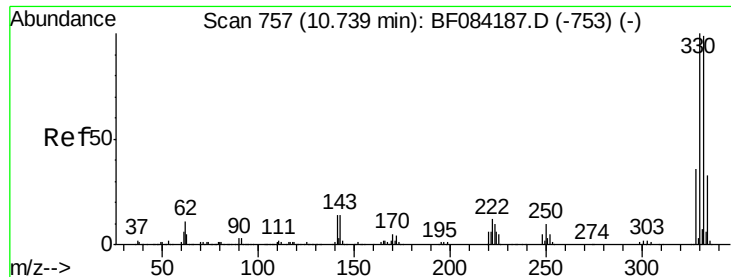


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

Tgt Ion: 164 Resp: 432329

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.1	127.7
160	47.4	37.5	56.3

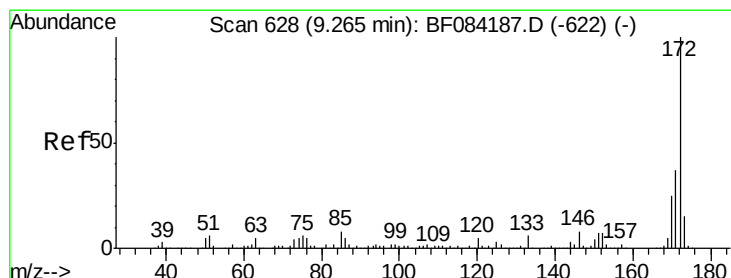
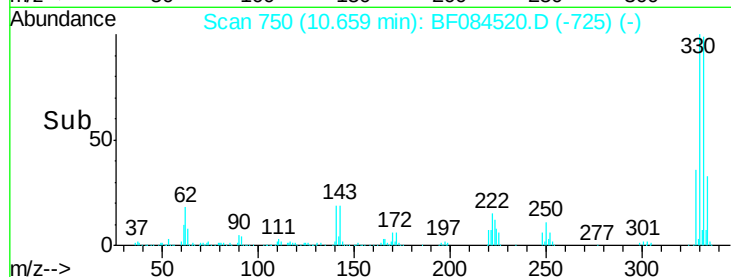
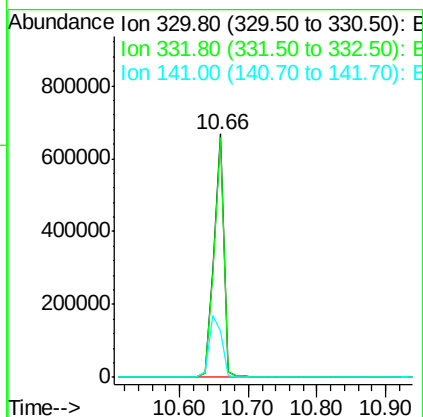
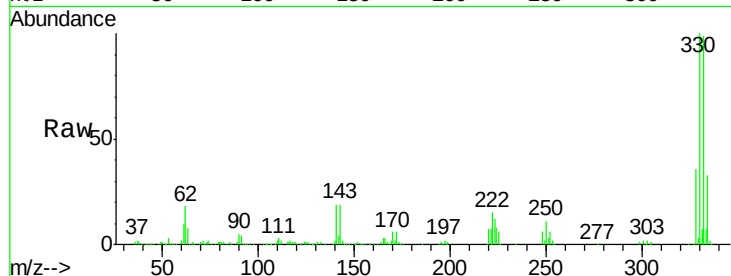




#41
 2,4,6-Tribromophenol
 Concen: 158.32 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

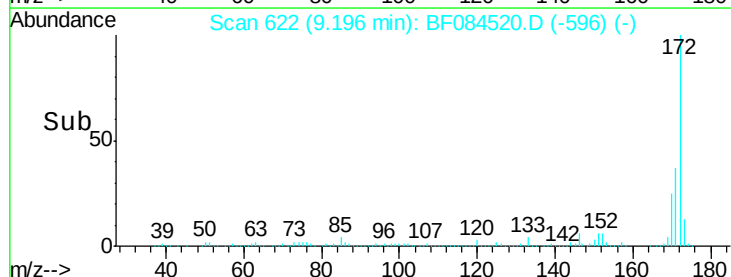
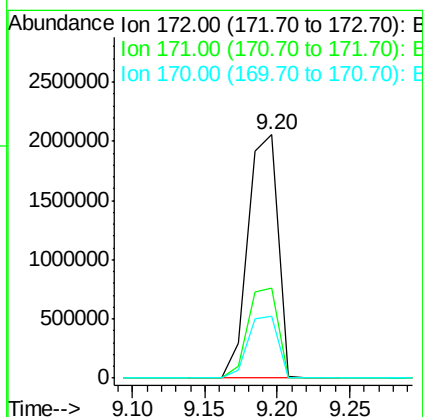
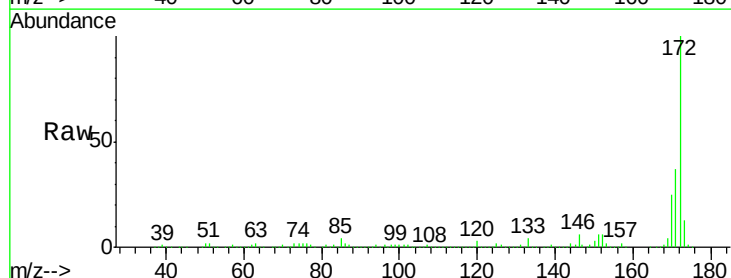
Instrument :
 BNA_F
 ClientSampleId :
 TWP-2

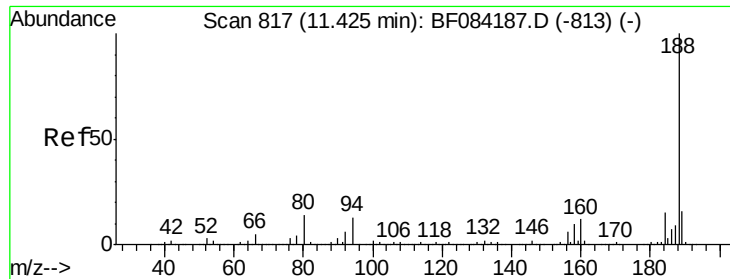
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	114.8
141	32.3	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 122.85 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.2	18.6	27.8

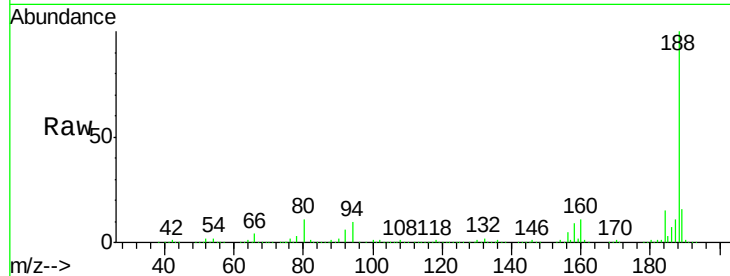




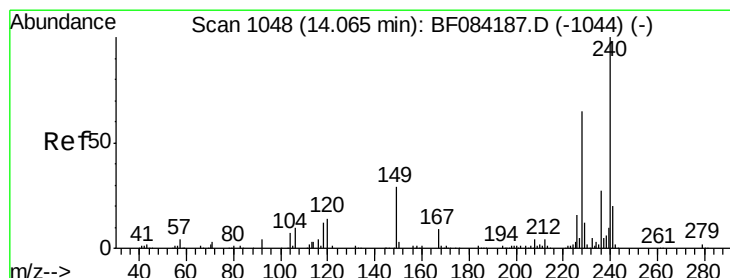
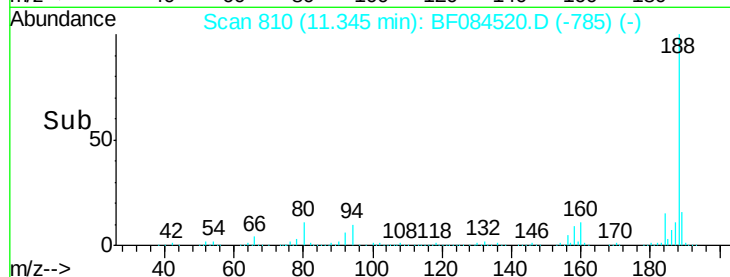
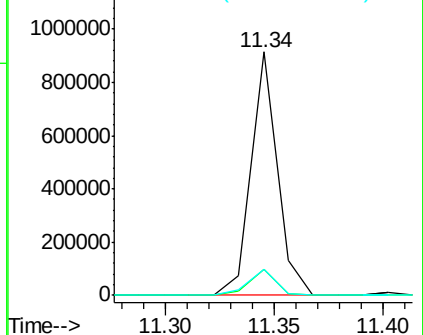
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084520.D
Acq: 16 Jan 2016 5:20

Instrument :
BNA_F
ClientSampleId :
TWP-2

Tot Ion:188 Resp: 773534
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 10.9 9.6 14.4

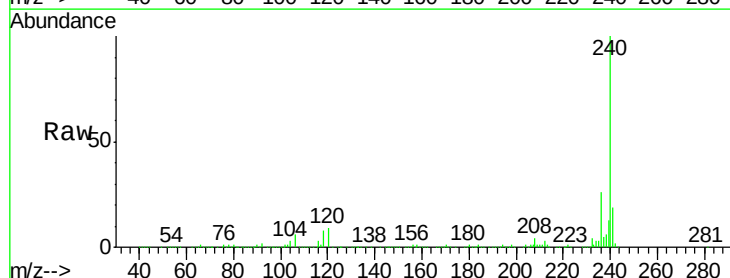


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

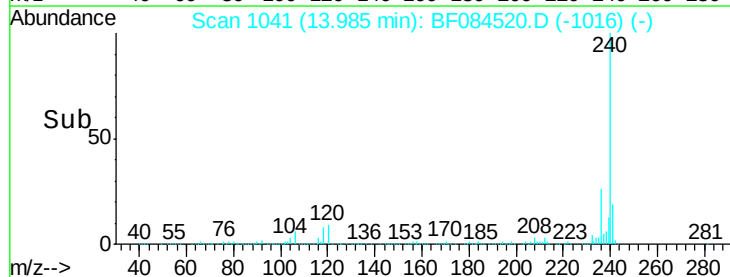
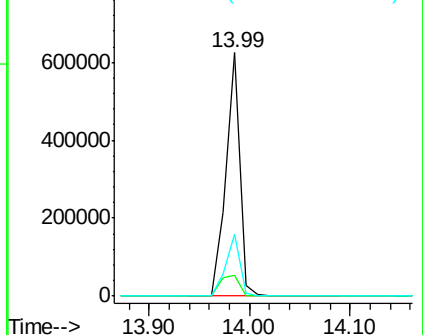


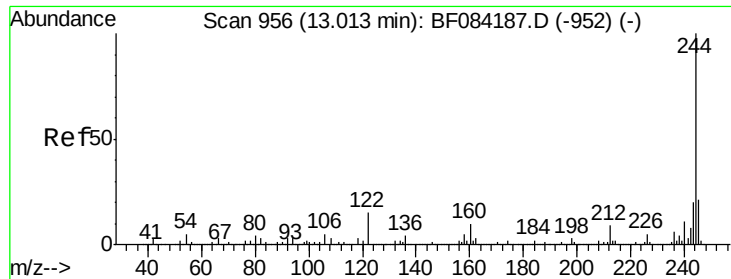
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084520.D
Acq: 16 Jan 2016 5:20

Tgt Ion:240 Resp: 604466
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 25.6 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

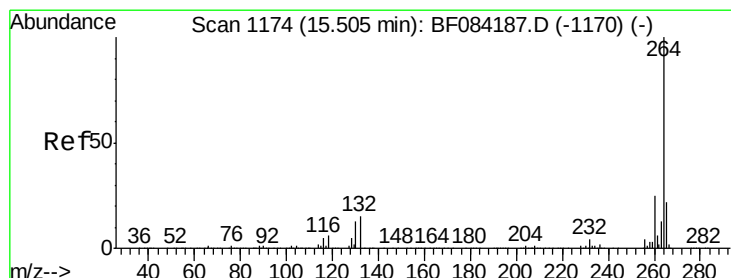
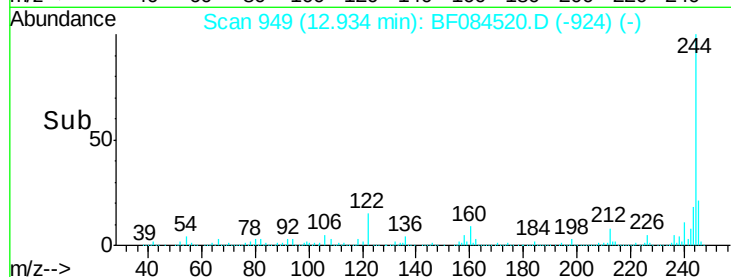
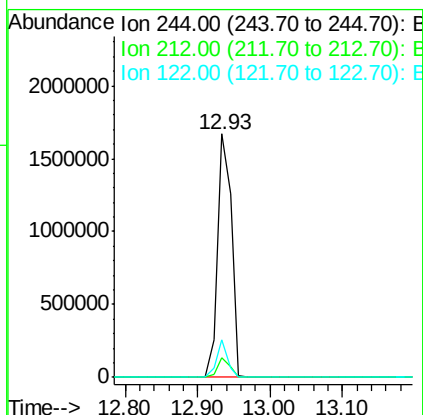
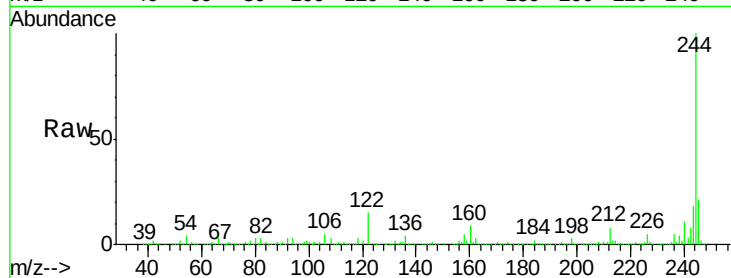




#78
 Terphenyl-d14
 Concen: 81.44 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TWP-2

Tot Ion:244 Resp: 2205369
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 15.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF084520.D
 Acq: 16 Jan 2016 5:20

Tgt Ion:264 Resp: 543747
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.9 17.8 26.6

