

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087280.D
 Acq On : 22 May 2016 10:02
 Operator : UM/SJ
 Sample : PB90743BL
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

Quant Time: May 23 03:48:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	121199	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	523778	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	261055	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	452617	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	298082	20.00	ng	-0.01
86) Perylene-d12	15.05	264	231580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	994032	137.86	ng	0.01
7) Phenol-d6	6.23	99	1081694	111.85	ng	-0.01
23) Nitrobenzene-d5	7.13	82	786763	74.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	242693	84.13	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1476742	93.69	ng	0.00
78) Terphenyl-d14	12.65	244	1213319	92.08	ng	0.00

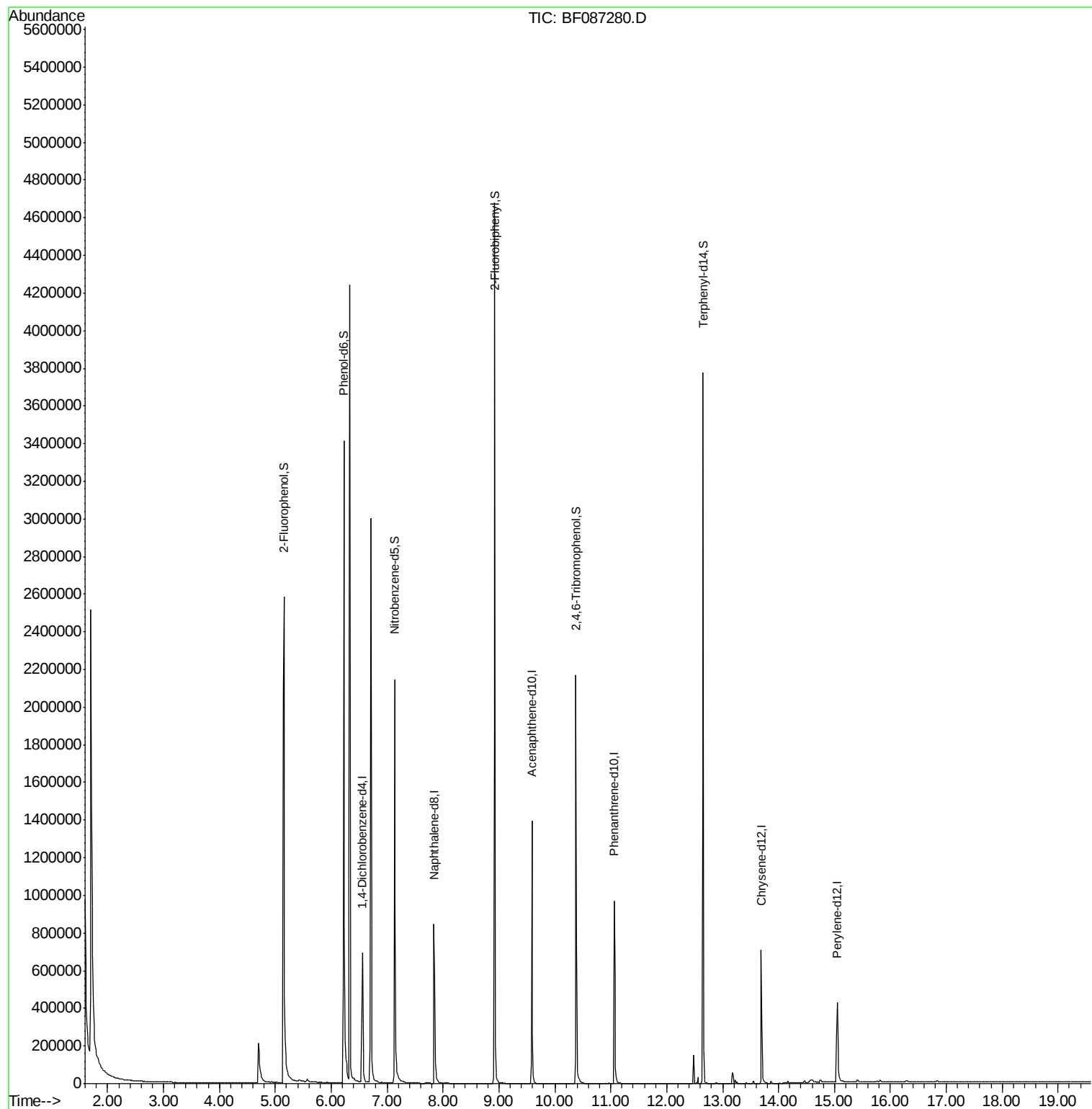
Target Compounds Qvalue

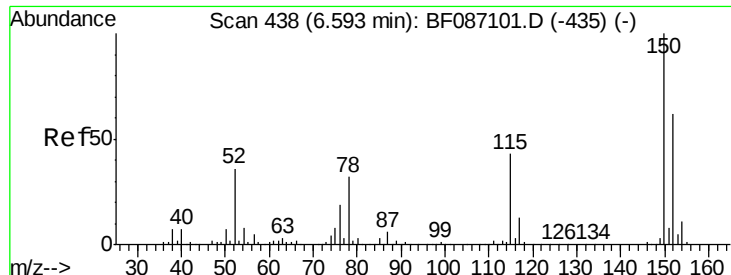
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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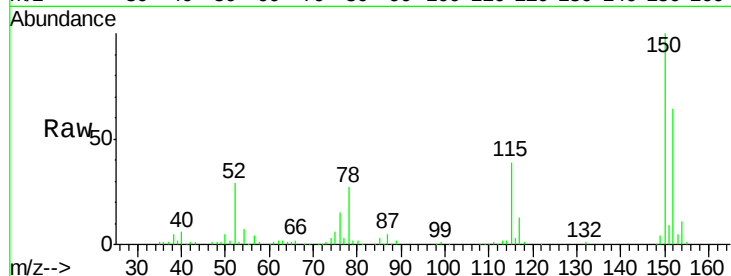


#1

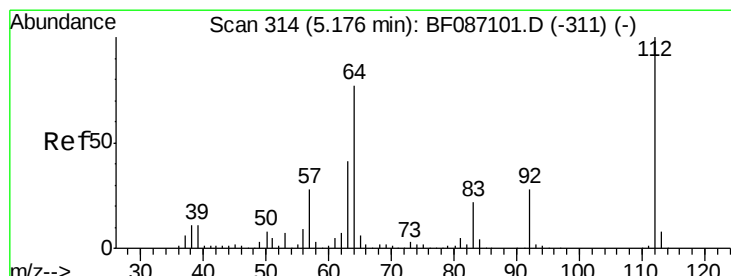
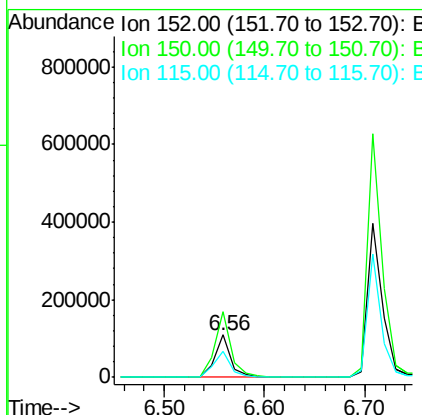
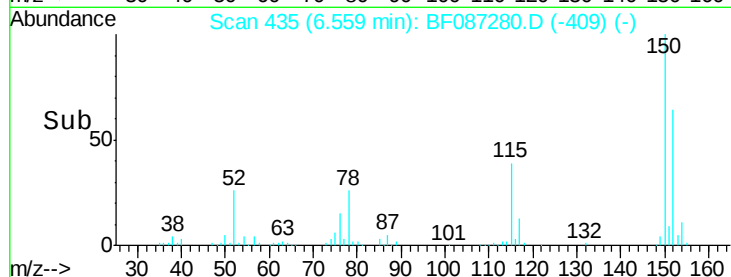
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tot Ion:152 Resp: 121199
Ion Ratio Lower Upper
152 100
150 155.1 125.8 188.6
115 60.9 51.5 77.3



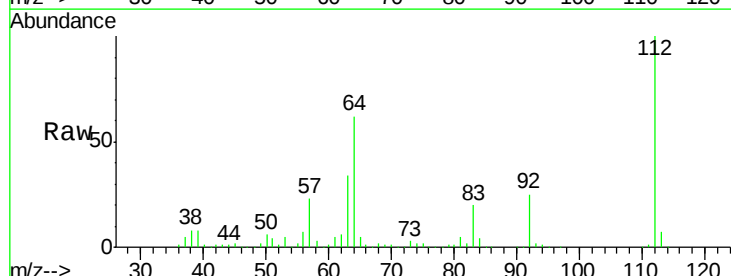
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



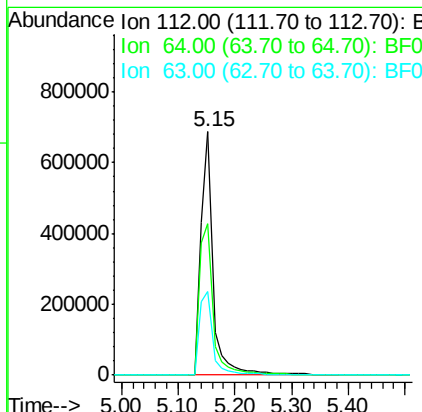
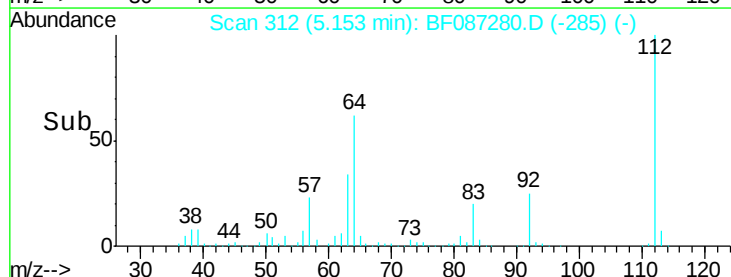
#5

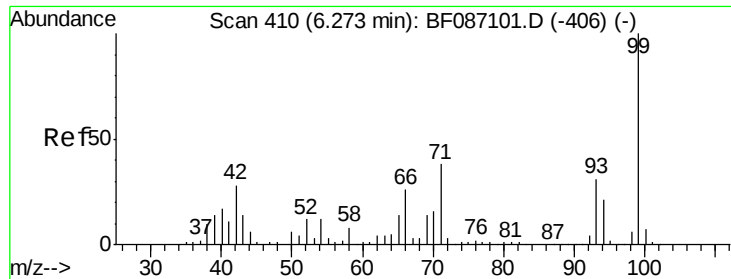
2-Fluorophenol
Concen: 137.86 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

Tgt Ion:112 Resp: 994032
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 34.3 25.7 38.5



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: 111.85 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Instrument :

BNA_F

ClientSampled :

PB90743BL

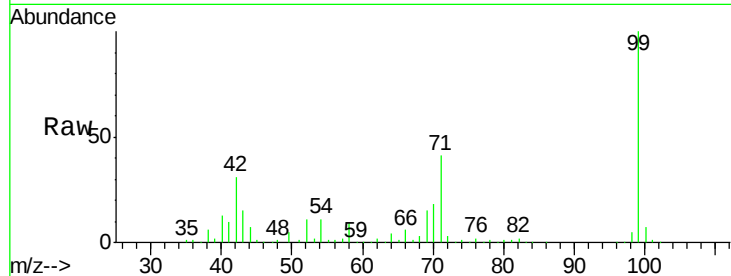
Tot Ion: 99 Resp: 1081694

Ion Ratio Lower Upper

99 100

42 31.3 13.6 20.4#

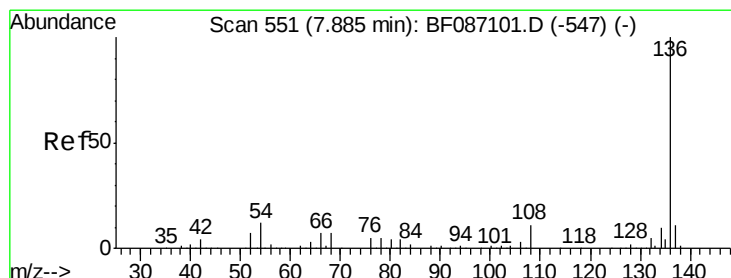
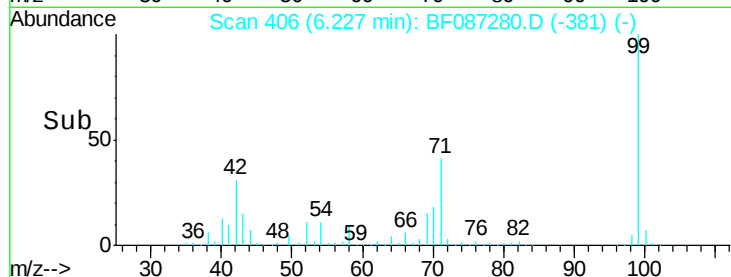
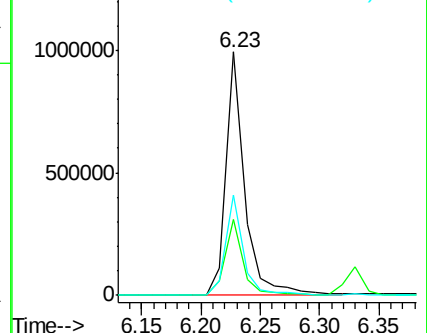
71 41.4 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Tgt Ion: 136 Resp: 523778

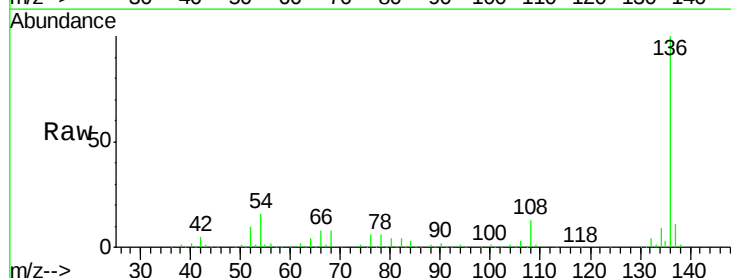
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 15.8 5.0 7.4#

68 7.6 4.4 6.6#

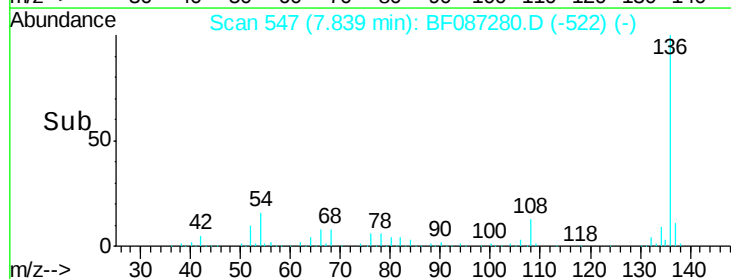
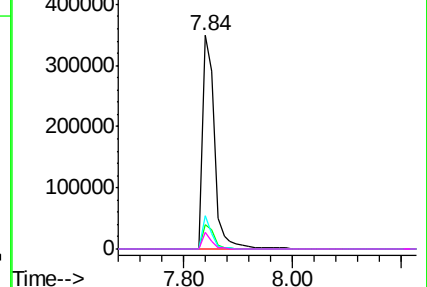


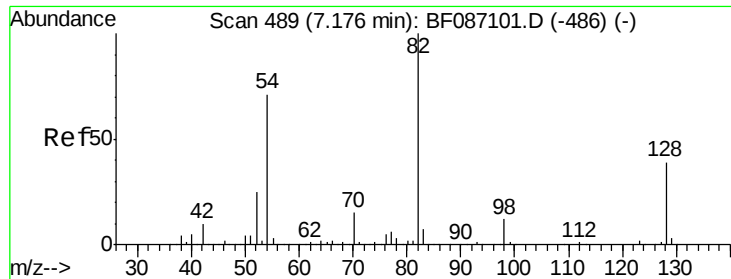
Abundance Ion 136.00 (135.70 to 136.70): E

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

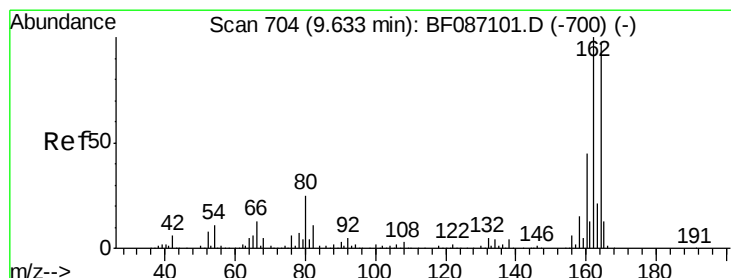
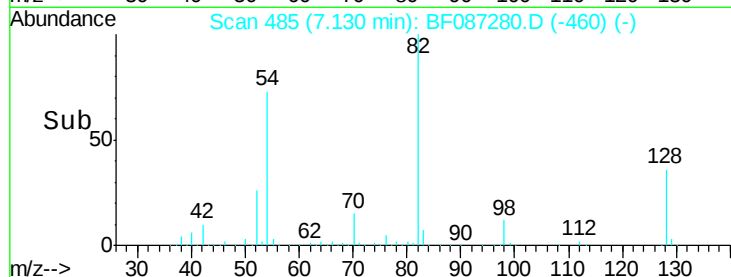
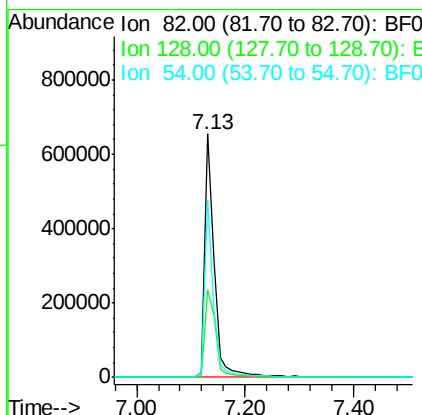
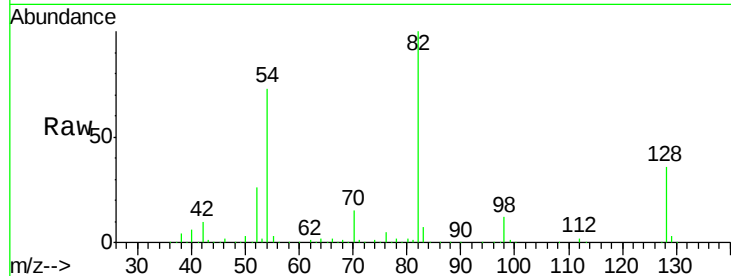




#23
 Nitrobenzene-d5
 Concen: 74.86 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

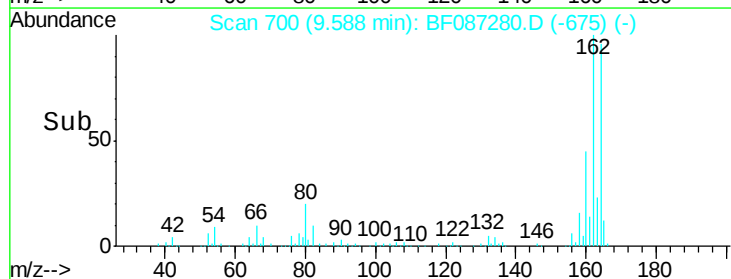
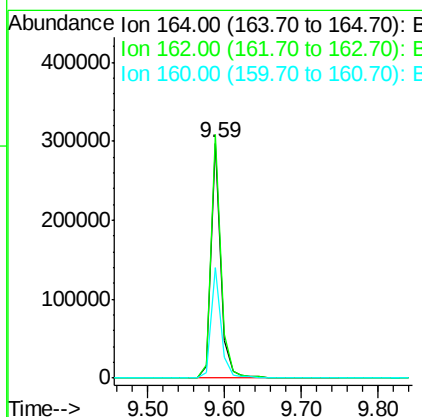
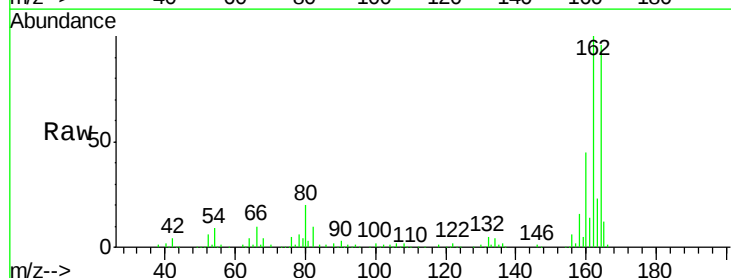
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

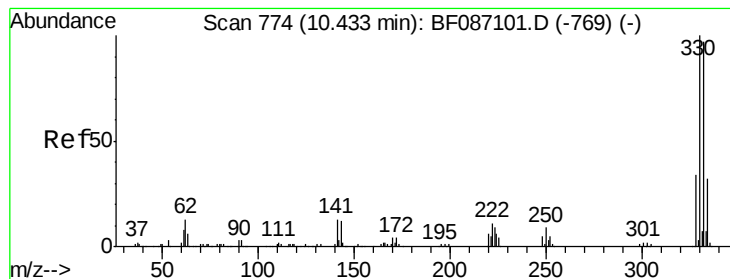
Tot Ion	82	Resp	786763
Ion Ratio	Lower	Upper	
82	100		
128	36.0	40.6	61.0#
54	72.8	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion	164	Resp	261055
Ion Ratio	Lower	Upper	
164	100		
162	103.7	82.8	124.2
160	46.8	36.9	55.3

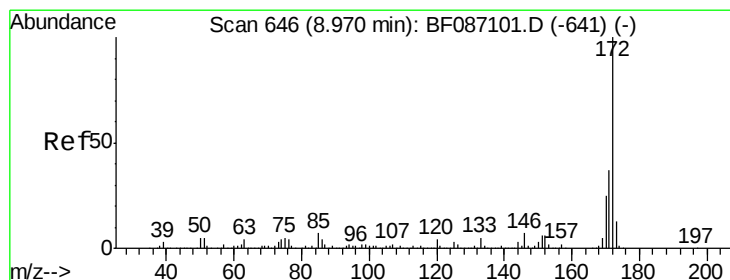
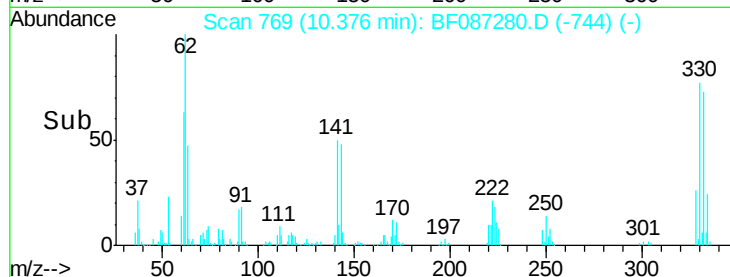
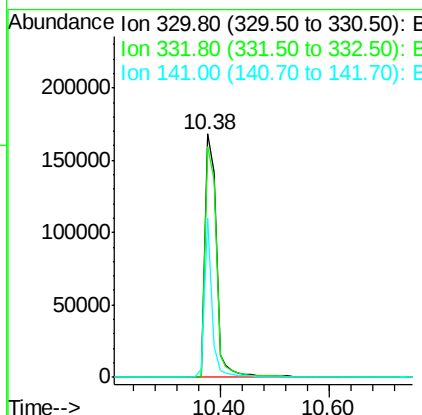
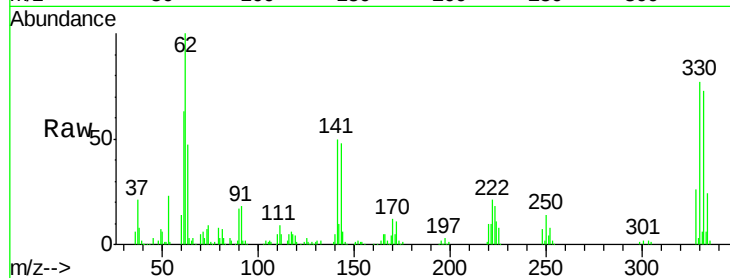




#41
 2,4,6-Tribromophenol
 Concen: 84.13 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

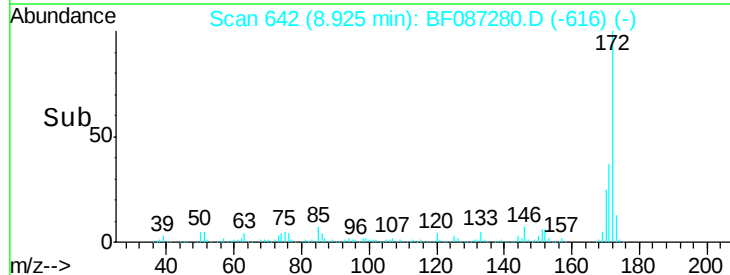
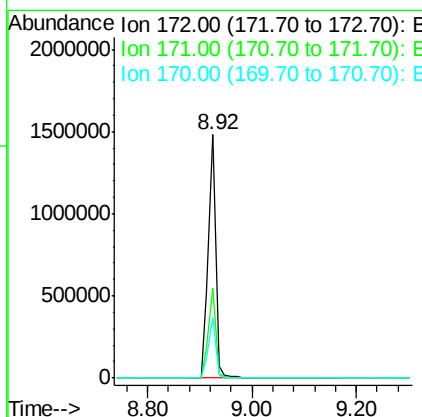
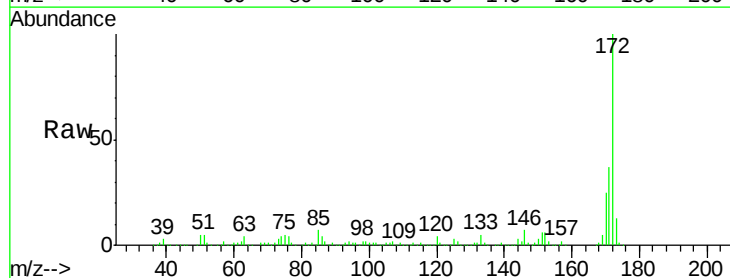
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

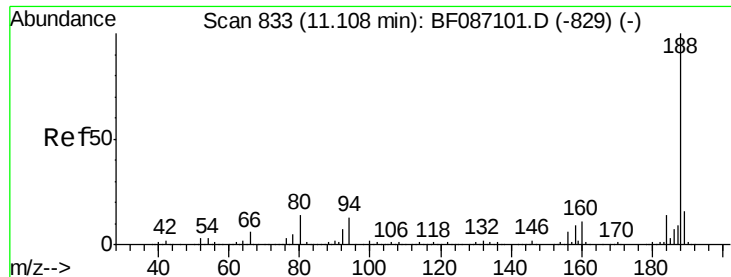
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	79.0	118.4
141	42.7	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087280.D
 Acq: 22 May 2016 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8

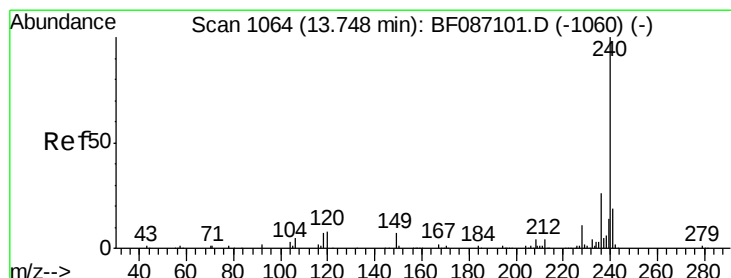
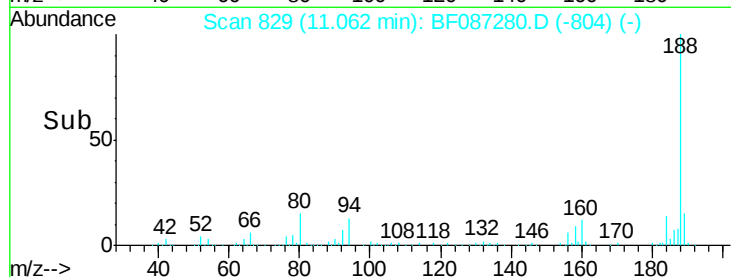
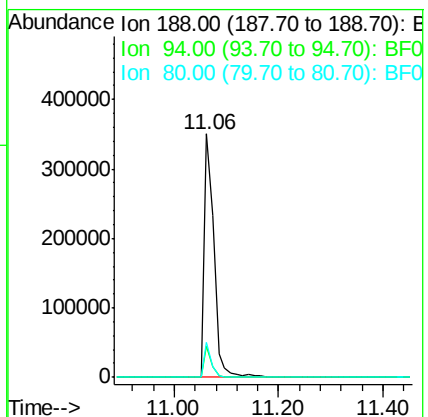
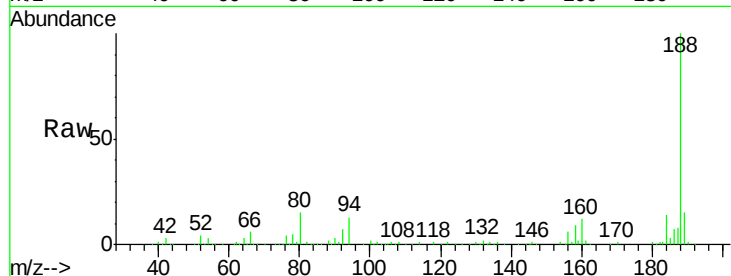




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

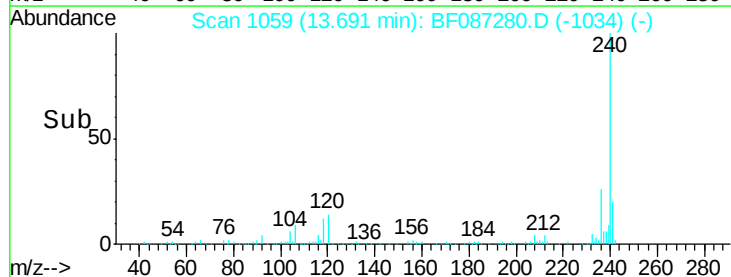
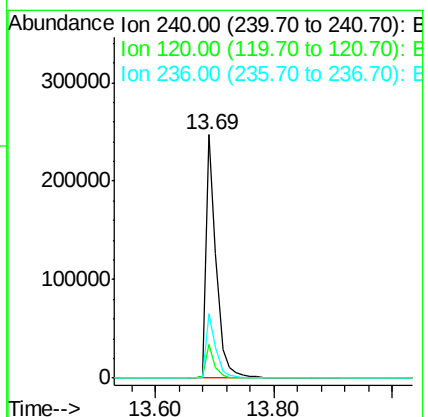
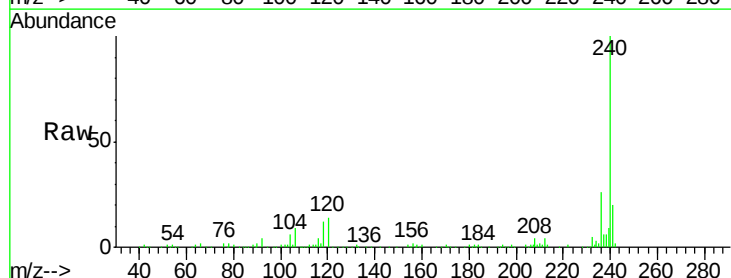
Instrument :
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ClientSampleId :
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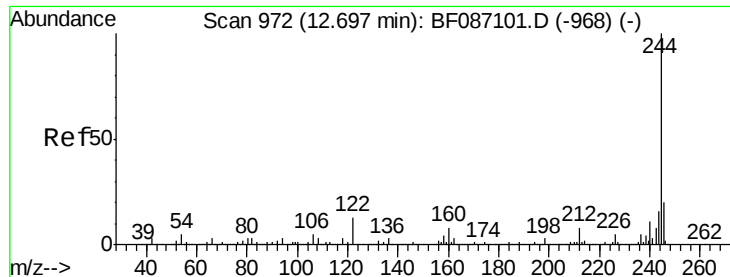
Tot Ion:188 Resp: 452617
Ion Ratio Lower Upper
188 100
94 12.6 6.8 10.2#
80 14.6 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087280.D
Acq: 22 May 2016 10:02

Tgt Ion:240 Resp: 298082
Ion Ratio Lower Upper
240 100
120 13.6 11.2 16.8
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 92.08 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

Instrument :

BNA_F

ClientSampleId :

PB90743BL

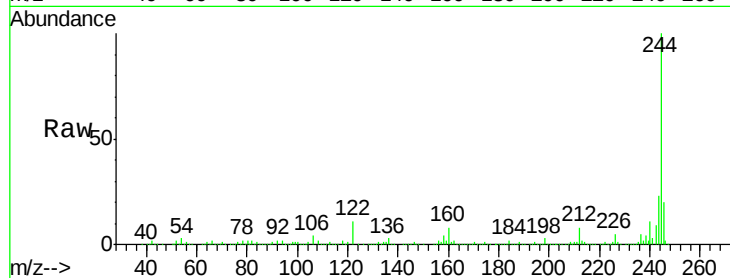
Tot Ion:244 Resp: 1213319

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

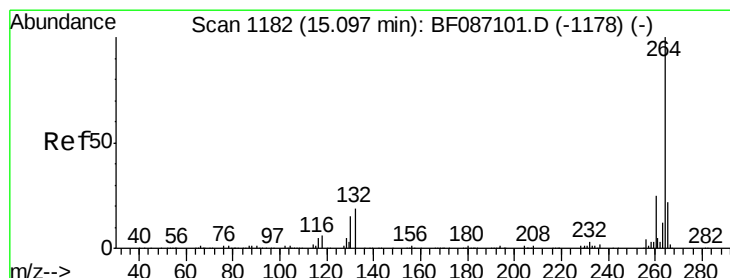
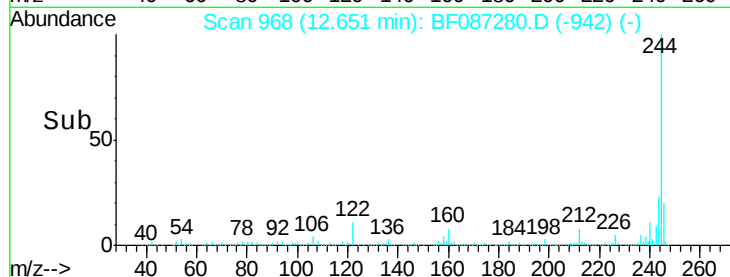
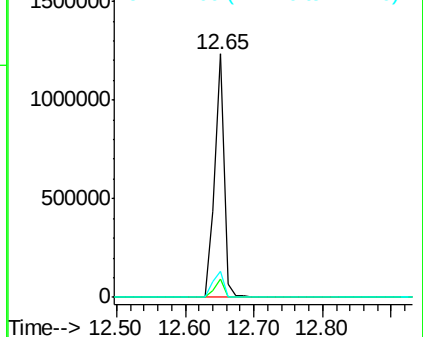
122 10.6 12.0 18.0#



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: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF087280.D

Acq: 22 May 2016 10:02

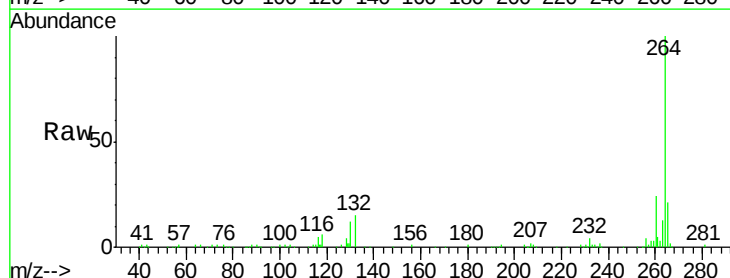
Tgt Ion:264 Resp: 231580

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.2 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

