

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087311.D
 Acq On : 23 May 2016 21:08
 Operator : UM/SJ
 Sample : PB90743BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

Quant Time: May 24 02:04:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142163	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	599504	20.00	ng	0.00
38) Acenaphthene-d10	12.47	164	289636	20.00	ng	-0.01
63) Phenanthrene-d10	14.88	188	581030	20.00	ng	0.00
75) Chrysene-d12	18.56	240	505603	20.00	ng	0.00
86) Perylene-d12	20.22	264	412900	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1093987	135.22	ng	0.02
7) Phenol-d6	7.15	99	1456745	133.25	ng	-0.01
23) Nitrobenzene-d5	8.52	82	974001	81.88	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	363724	130.68	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1685234	82.03	ng	0.00
78) Terphenyl-d14	17.22	244	1771861	74.50	ng	0.00

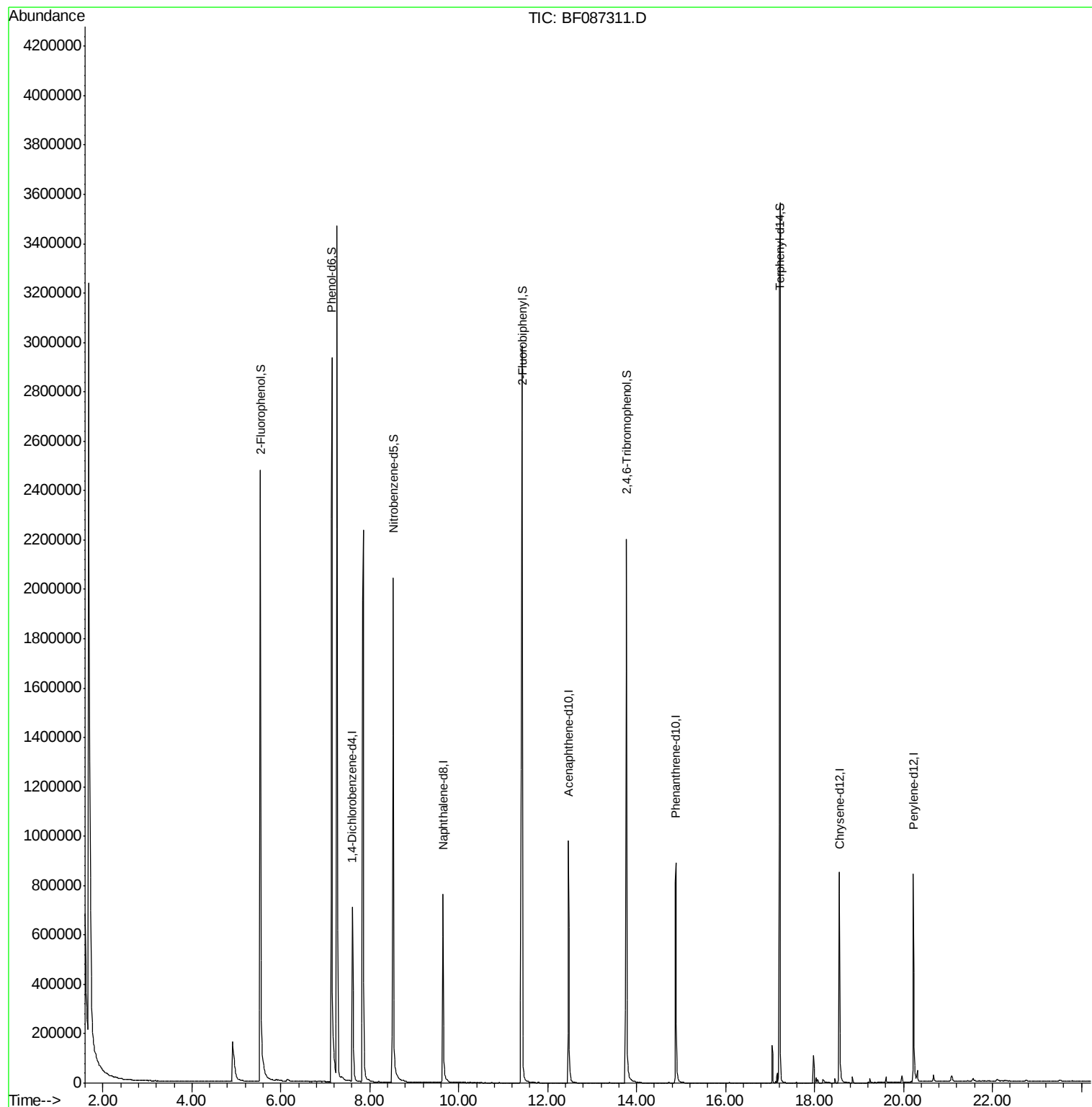
Target Compounds	Qvalue
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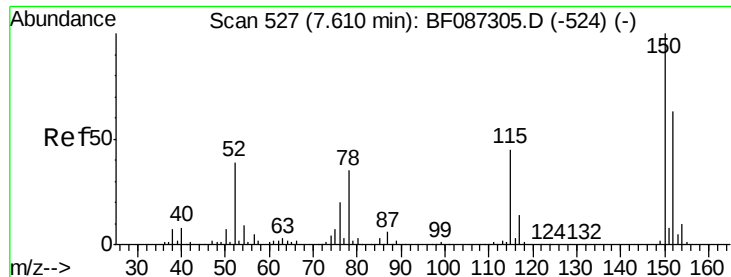
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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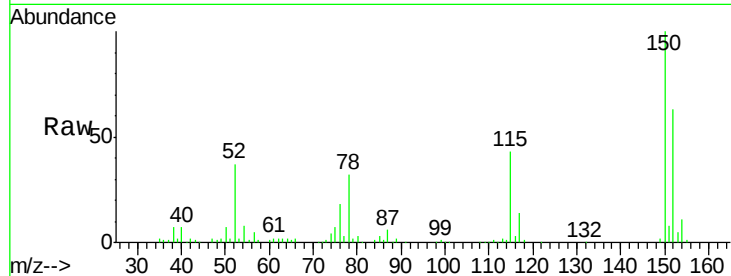


#1

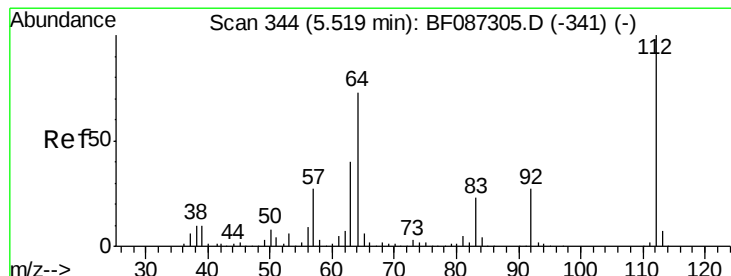
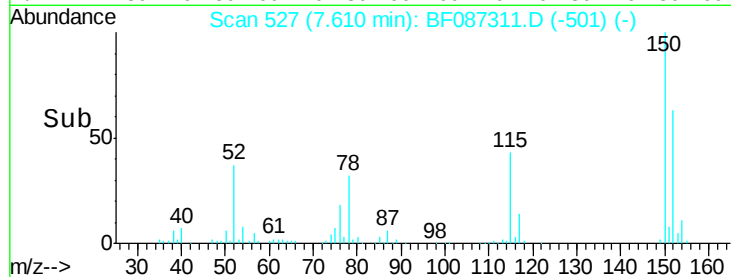
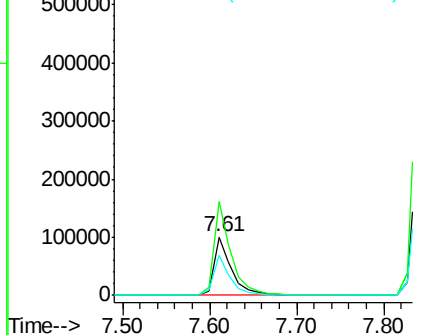
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampled :
PB90743BL

Tgt Ion:152 Resp: 142163
Ion Ratio Lower Upper
152 100
150 159.6 125.8 188.6
115 69.4 51.5 77.3



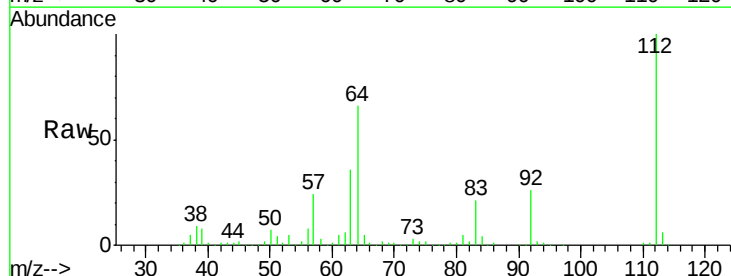
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



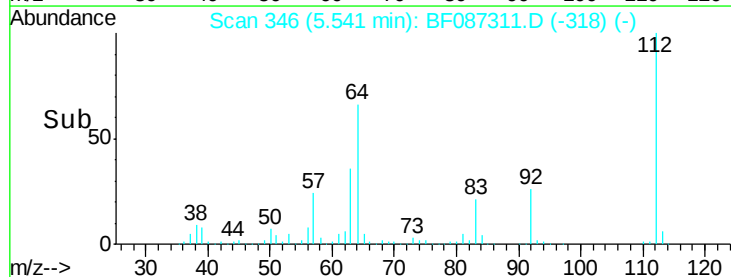
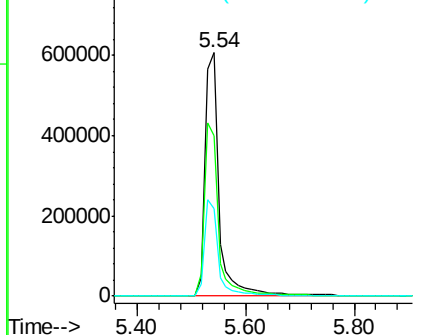
#5

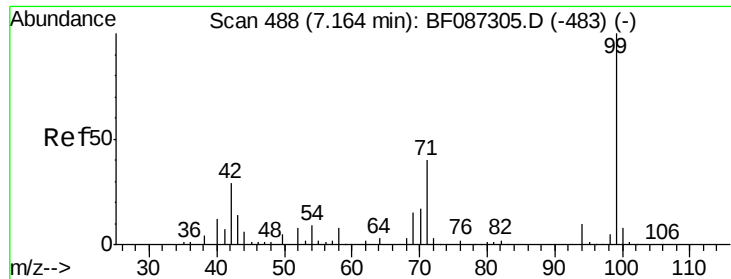
2-Fluorophenol
Concen: 135.22 ng
RT: 5.54 min Scan# 346
Delta R.T. 0.02 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion:112 Resp: 1093987
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 36.1 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: 133.25 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087311.D

Acq: 23 May 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90743BL

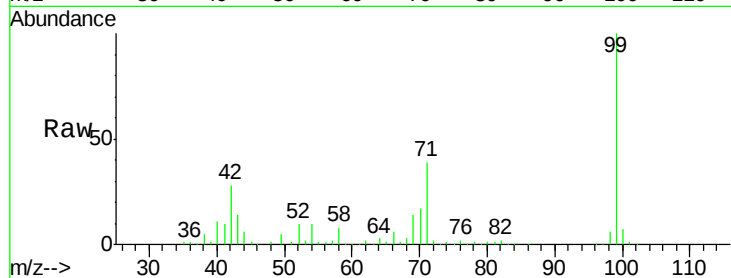
Tgt Ion: 99 Resp: 1456745

Ion Ratio Lower Upper

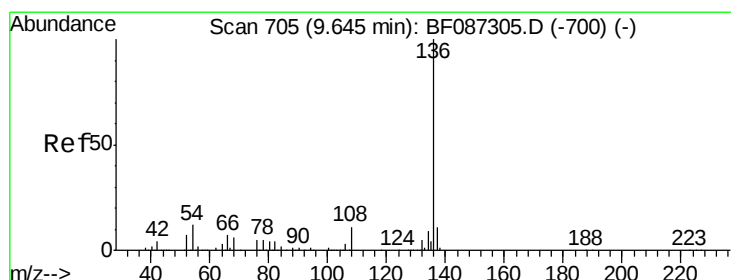
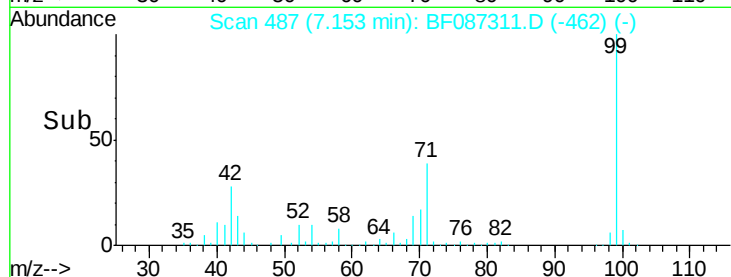
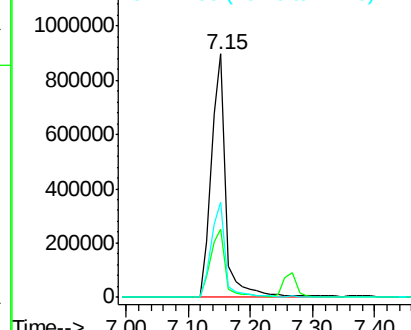
99 100

42 28.1 13.6 20.4#

71 38.8 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: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087311.D

Acq: 23 May 2016 21:08

Tgt Ion: 136 Resp: 599504

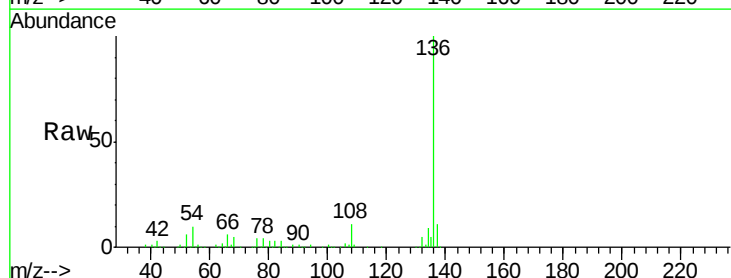
Ion Ratio Lower Upper

136 100

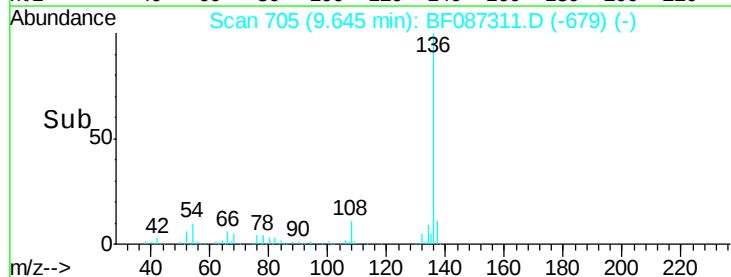
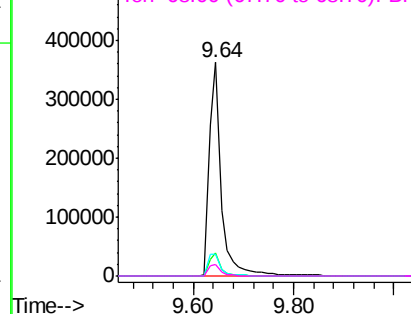
137 10.7 8.8 13.2

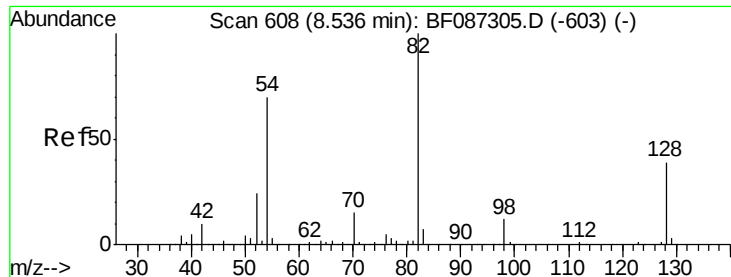
54 10.3 5.0 7.4#

68 5.2 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

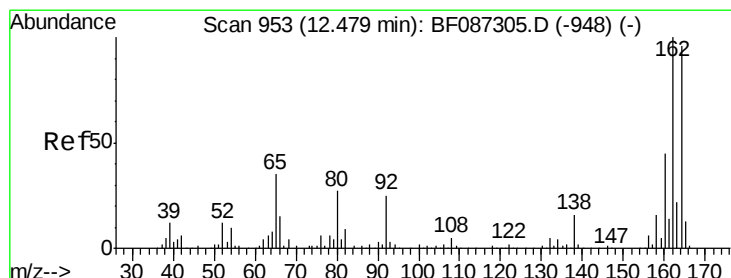
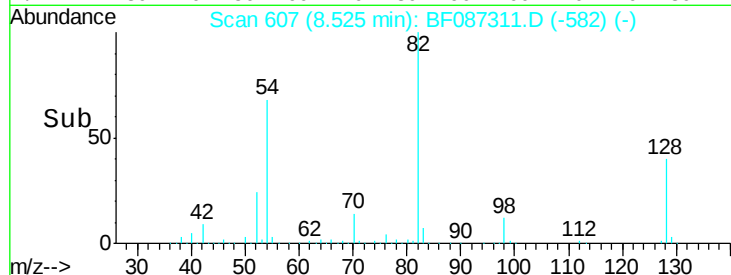
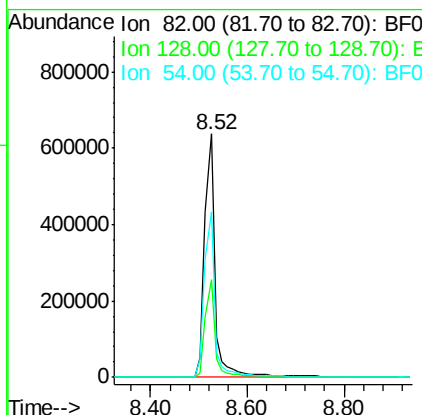
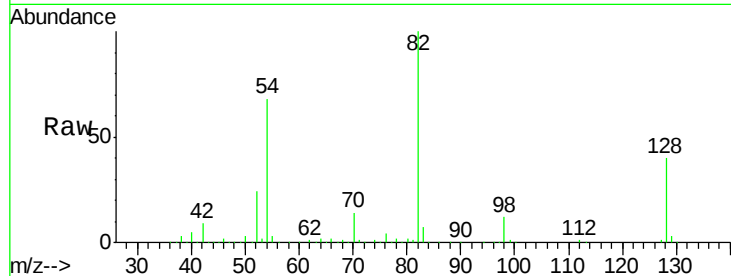




#23
 Nitrobenzene-d5
 Concen: 81.88 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087311.D
 Acq: 23 May 2016 21:08

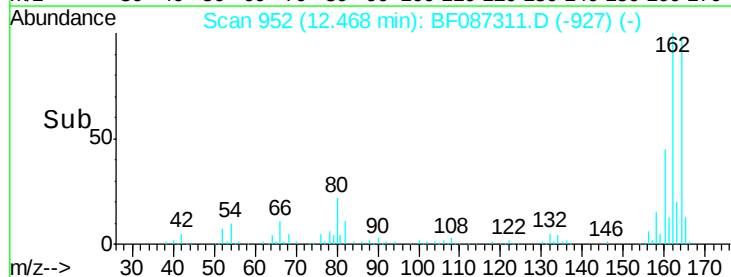
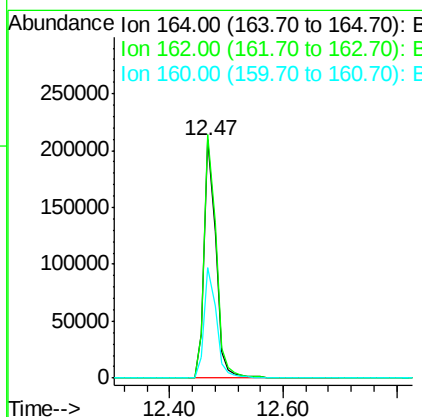
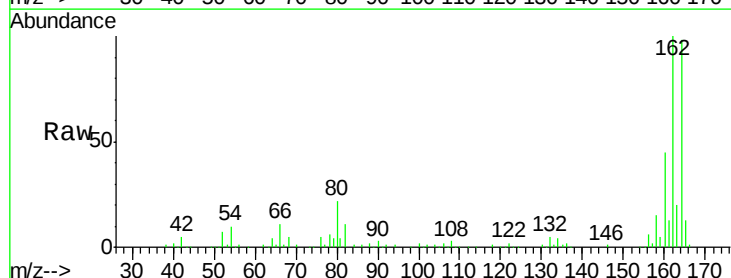
Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

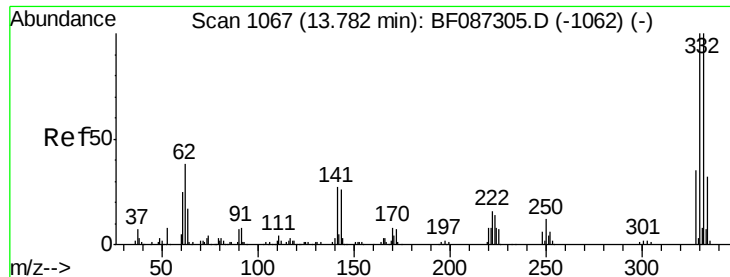
Tgt Ion: 82 Resp: 974001
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 68.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF087311.D
 Acq: 23 May 2016 21:08

Tgt Ion: 164 Resp: 289636
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 46.4 36.9 55.3

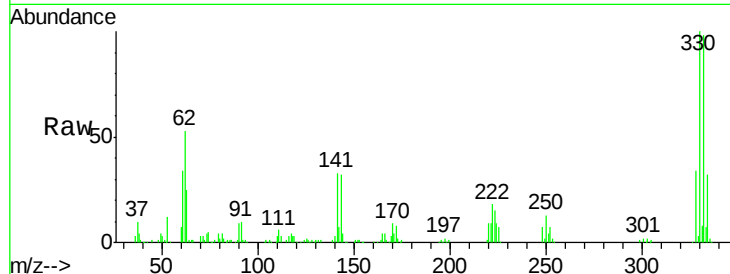




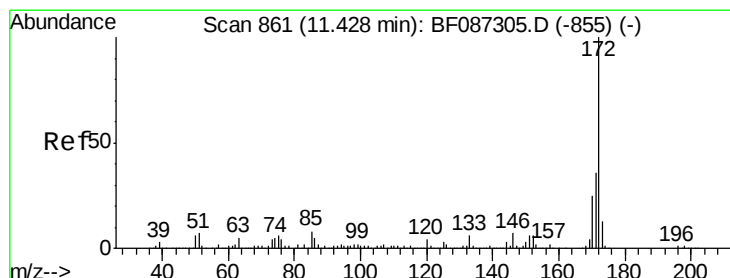
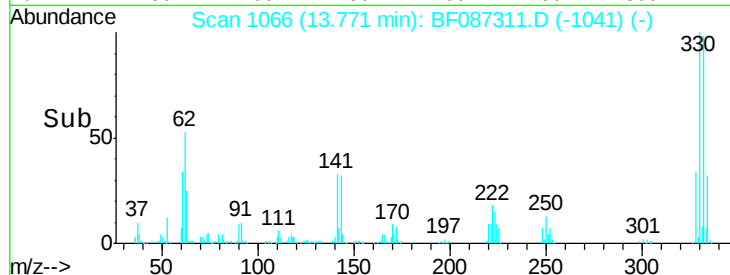
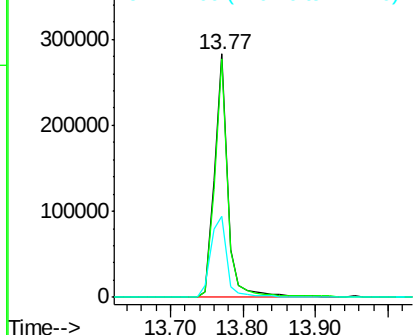
#41
 2,4,6-Tribromophenol
 Concen: 130.68 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087311.D
 Acq: 23 May 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90743BL

Tgt Ion:330 Resp: 363724
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 41.5 31.2 46.8

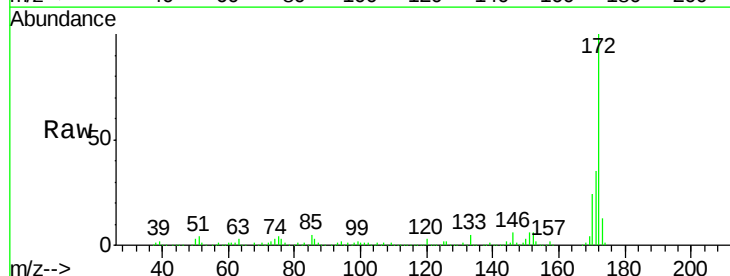


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

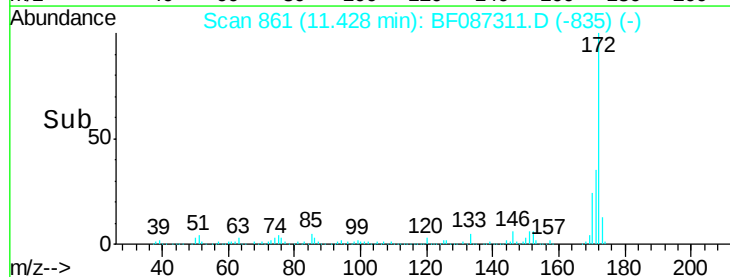
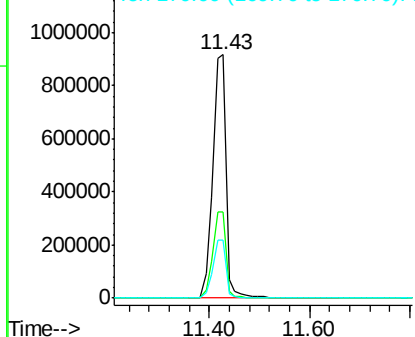


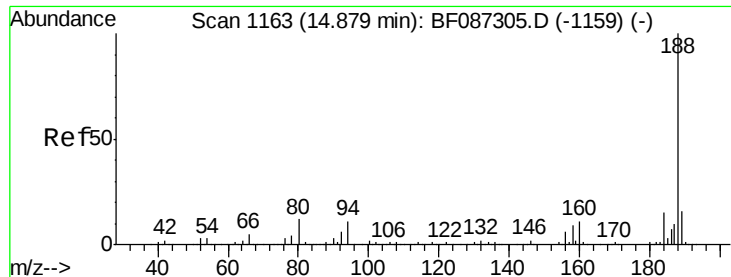
#44
 2-Fluorobiphenyl
 Concen: 82.03 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF087311.D
 Acq: 23 May 2016 21:08

Tgt Ion:172 Resp: 1685234
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 24.0 19.8 29.8



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

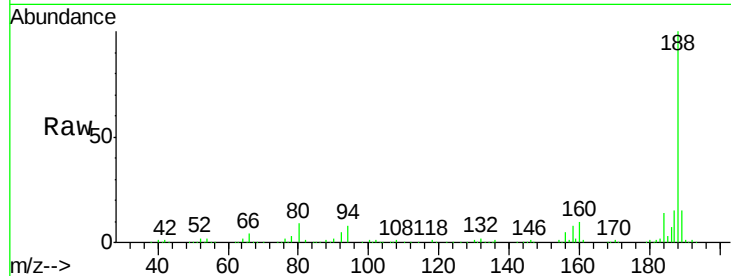




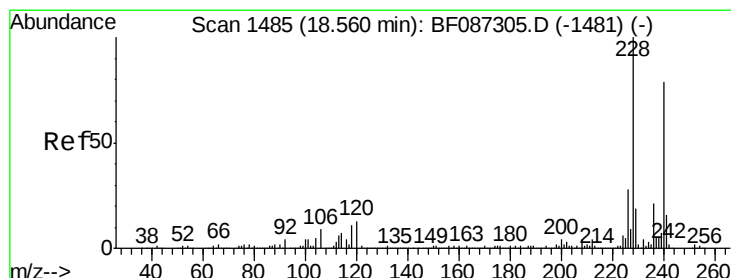
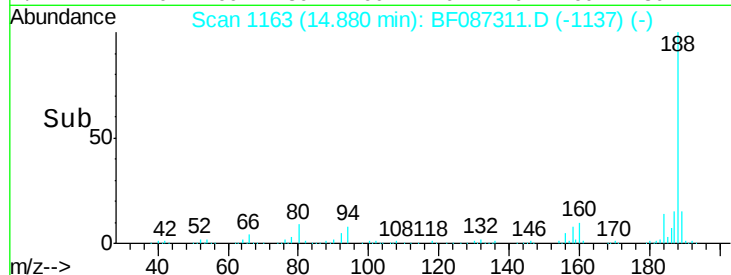
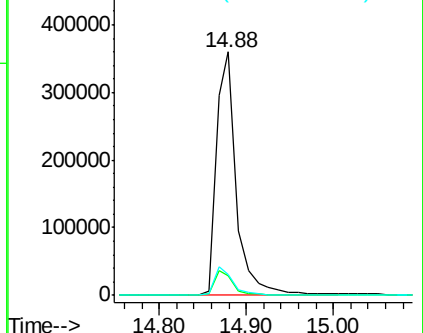
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90743BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.6	7.1	10.7

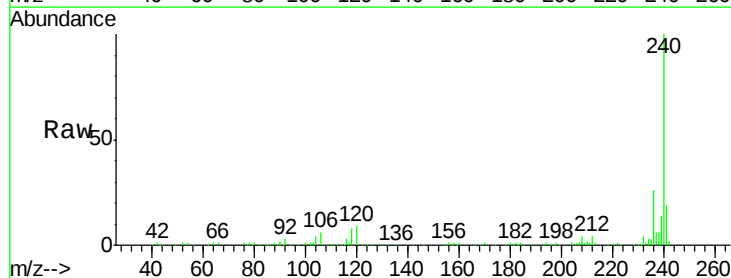


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

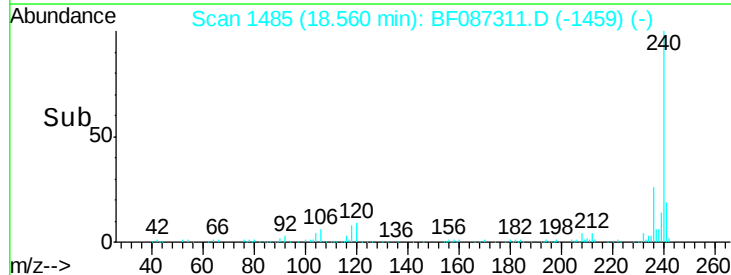
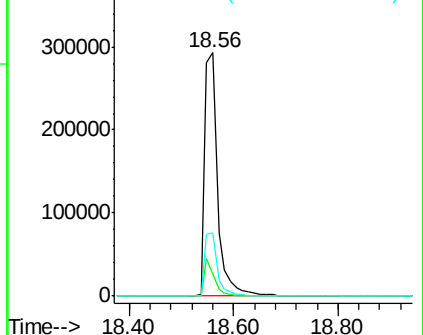


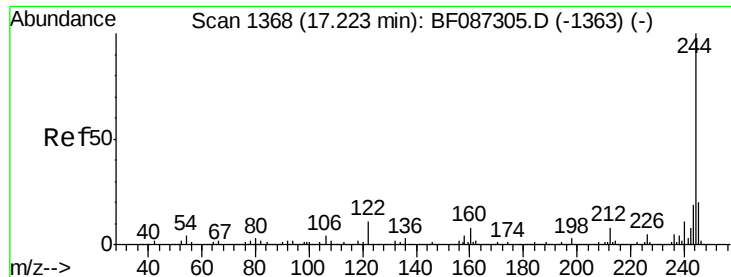
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.56 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF087311.D
Acq: 23 May 2016 21:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	11.2	16.8#
236	26.2	21.2	31.8



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: 74.50 ng

RT: 17.22 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF087311.D

Acq: 23 May 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90743BL

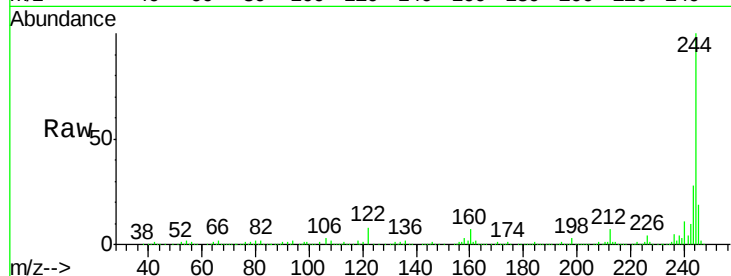
Tgt Ion:244 Resp: 1771861

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

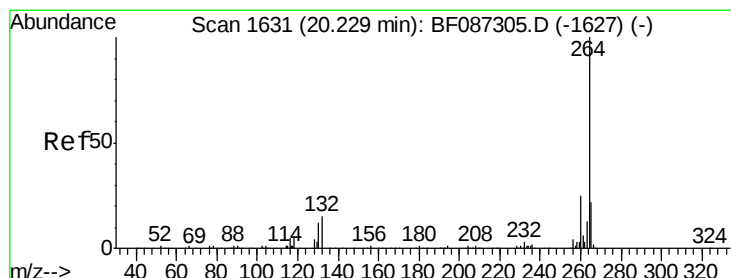
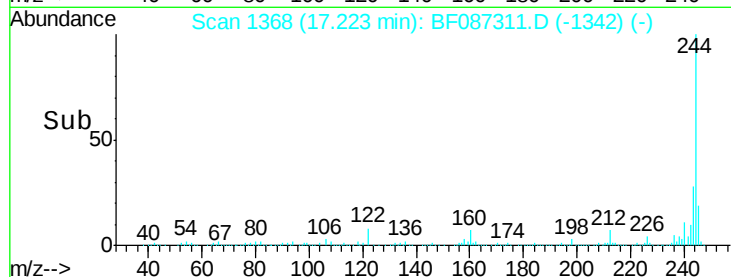
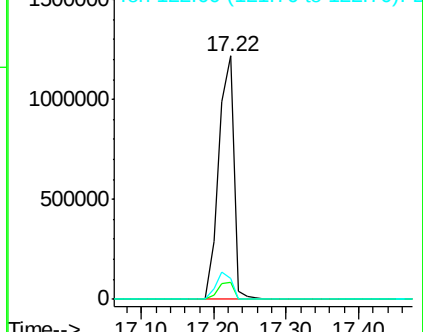
122 8.5 12.0 18.0#



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: 20.22 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BF087311.D

Acq: 23 May 2016 21:08

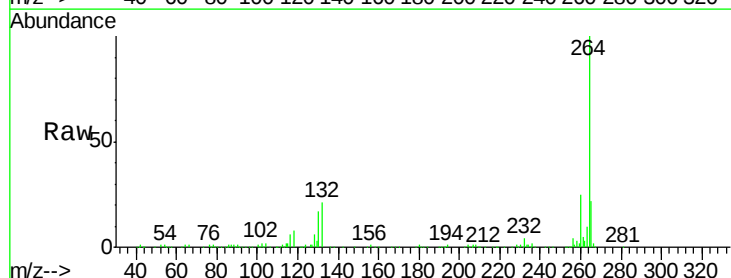
Tgt Ion:264 Resp: 412900

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 22.2 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

