

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087479.D
 Acq On : 28 May 2016 14:47
 Operator : UM/SJ
 Sample : PB90944BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90944BL

Quant Time: May 30 03:27:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	110844	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	463653	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	221426	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	431490	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	366583	20.00	ng	0.00
86) Perylene-d12	20.10	264	228016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	621963	98.60	ng	0.01
7) Phenol-d6	7.02	99	866290	101.63	ng	-0.02
23) Nitrobenzene-d5	8.38	82	545360	59.28	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	178280	83.78	ng	-0.01
44) 2-Fluorobiphenyl	11.27	172	962697	61.29	ng	-0.02
78) Terphenyl-d14	17.09	244	944354	54.77	ng	0.00

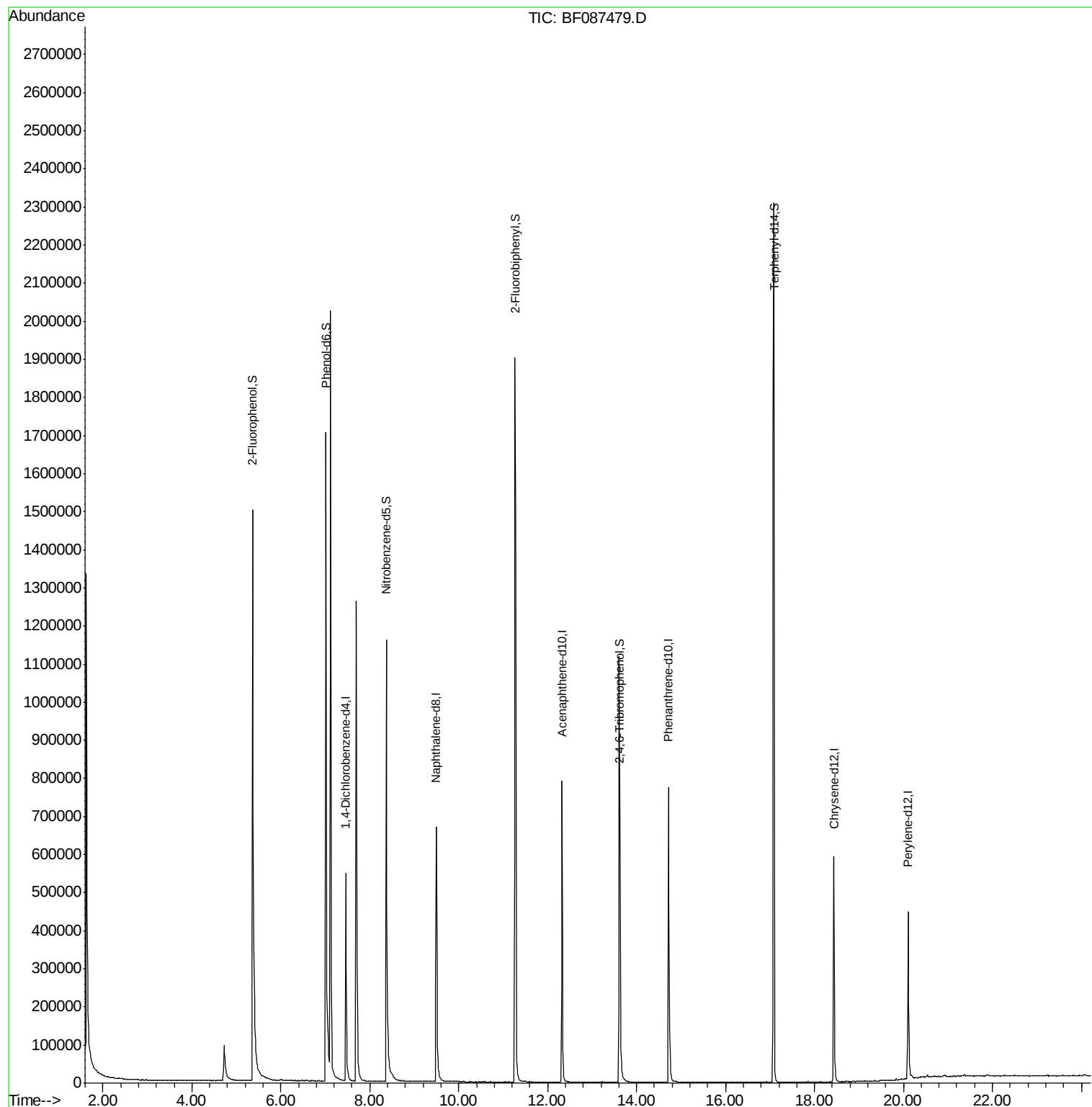
Target Compounds	Qvalue
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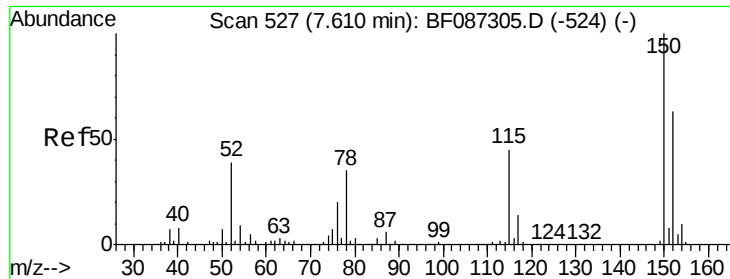
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB90944BL

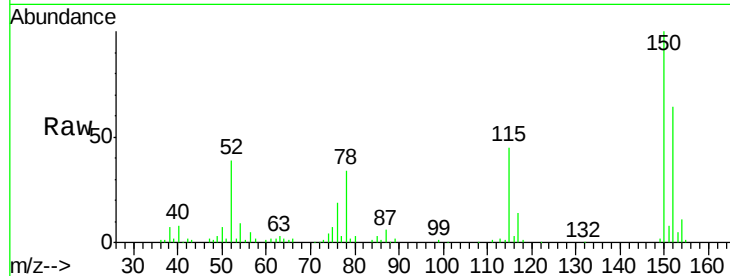
Tgt Ion:152 Resp: 110844

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

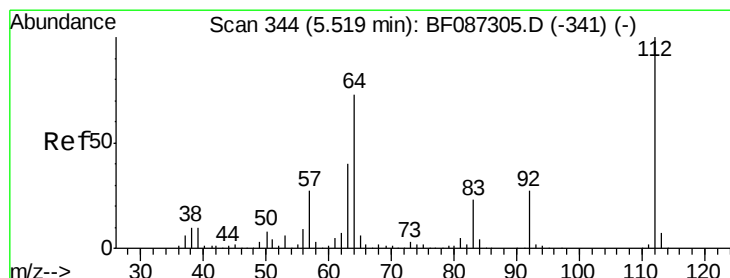
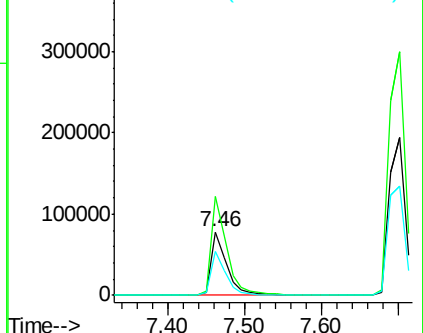
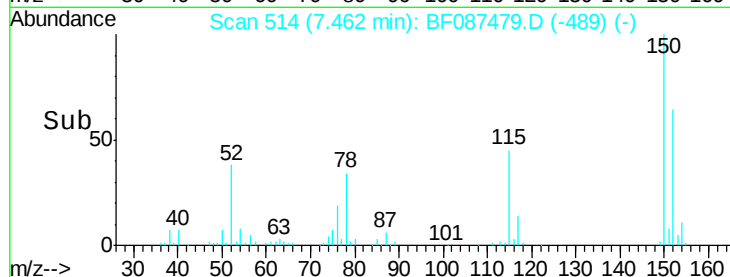
115 69.6 51.5 77.3



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: 98.60 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

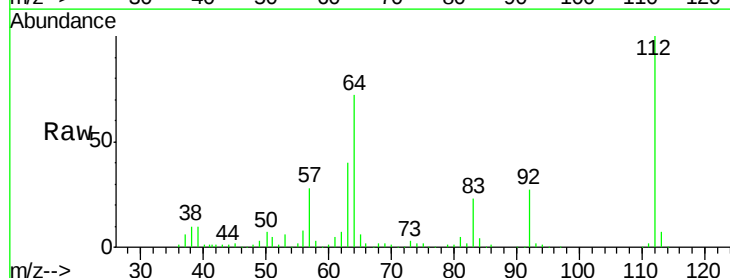
Tgt Ion:112 Resp: 621963

Ion Ratio Lower Upper

112 100

64 72.2 52.1 78.1

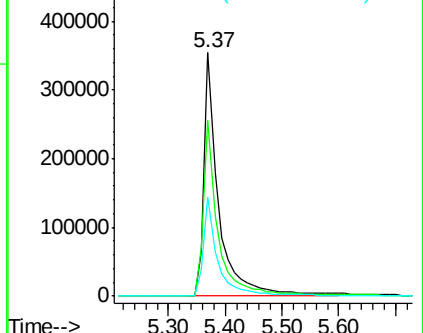
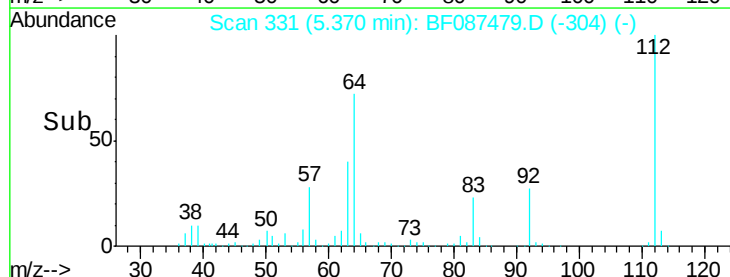
63 40.4 25.7 38.5#



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: 101.63 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

Instrument :

BNA_F

ClientSampleId :

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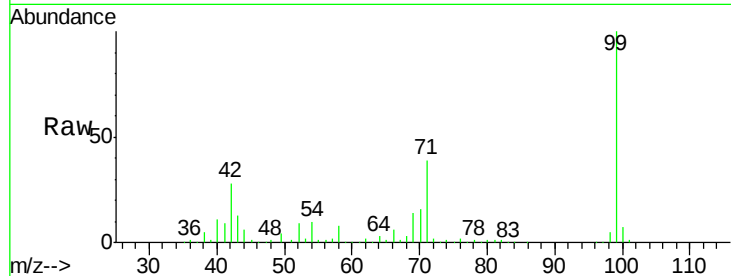
Tgt Ion: 99 Resp: 866290

Ion Ratio Lower Upper

99 100

42 27.5 13.6 20.4#

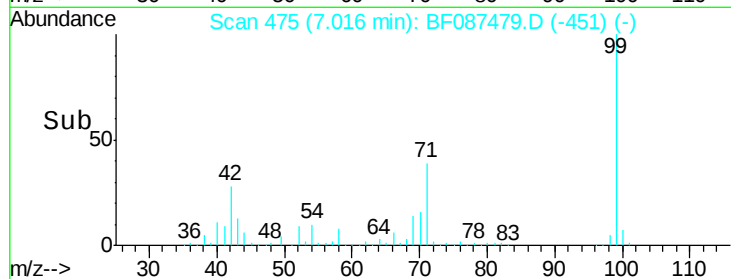
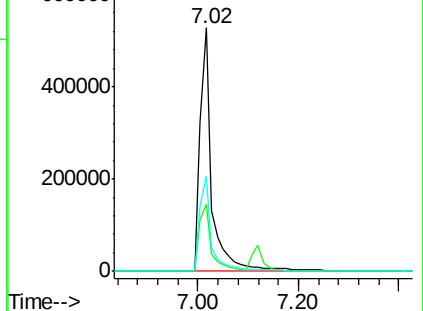
71 38.9 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

Tgt Ion: 136 Resp: 463653

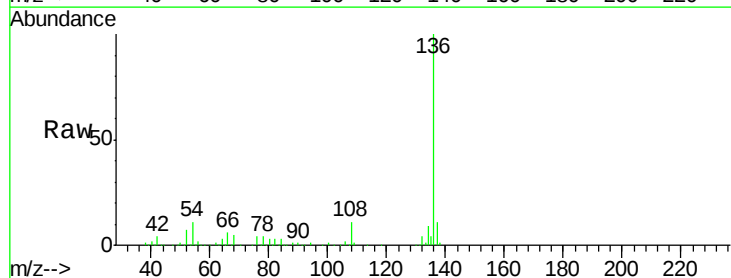
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.0 5.0 7.4#

68 5.2 4.4 6.6

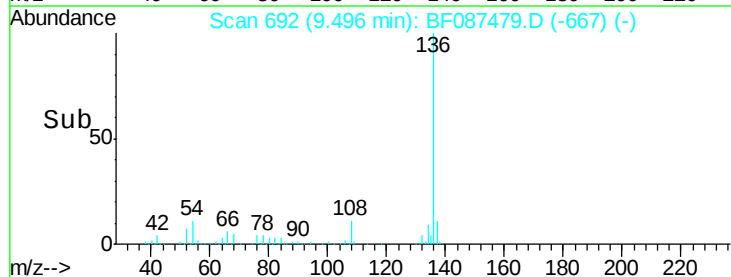
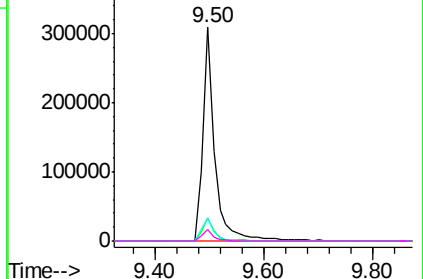


Abundance Ion 136.00 (135.70 to 136.70): E

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

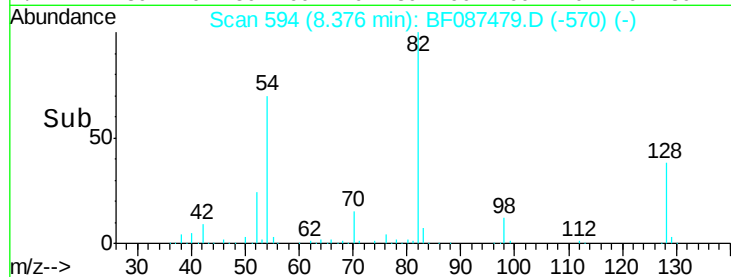
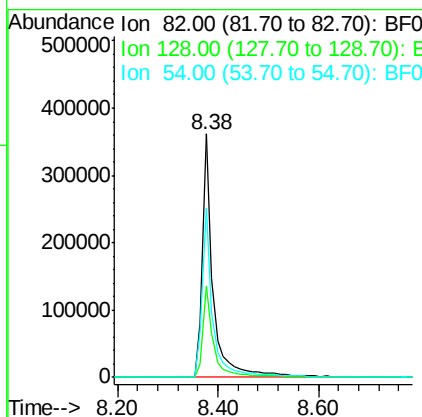
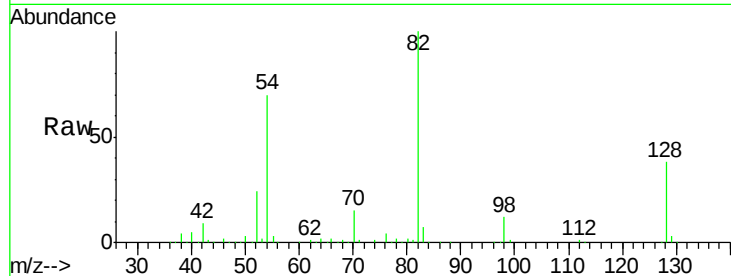




#23
 Nitrobenzene-d5
 Concen: 59.28 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF087479.D
 Acq: 28 May 2016 14:47

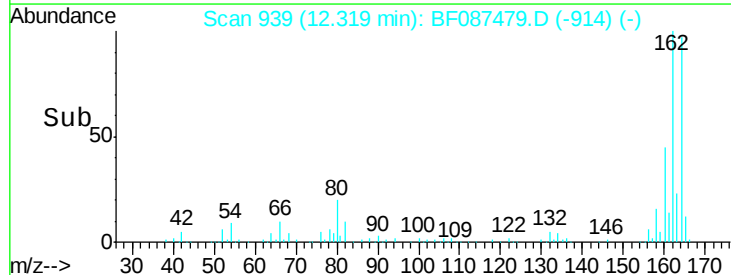
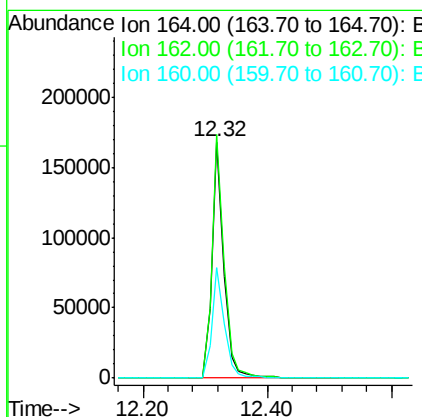
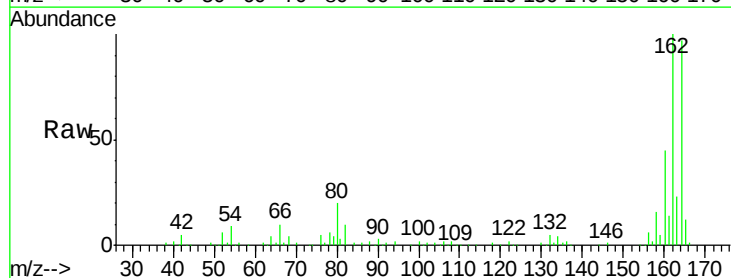
Instrument :
 BNA_F
 ClientSampleId :
 PB90944BL

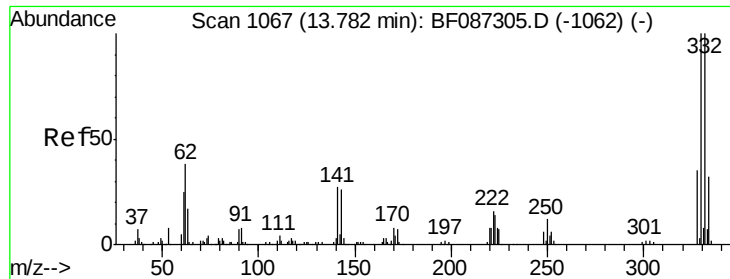
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.6	40.6	61.0#
54	69.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087479.D
 Acq: 28 May 2016 14:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.8	36.9	55.3

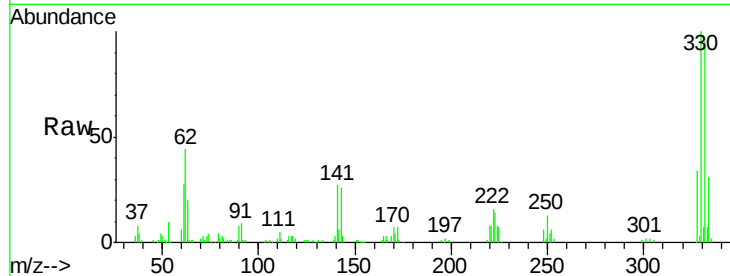




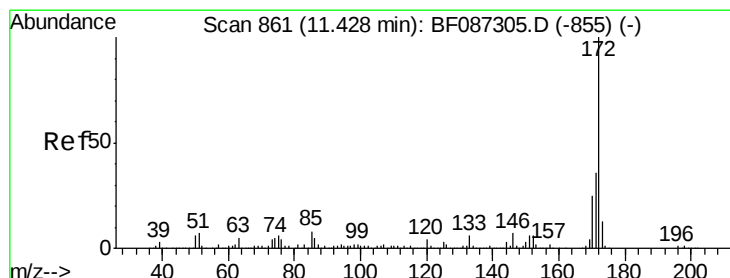
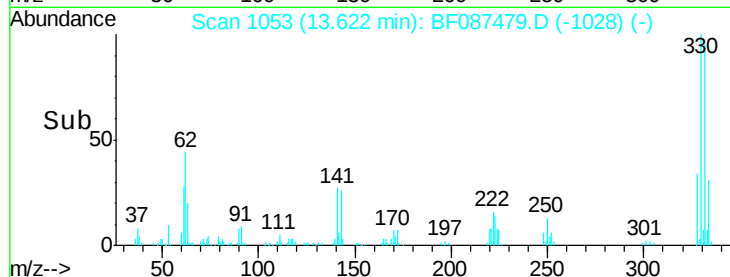
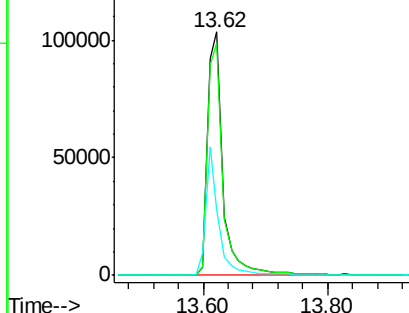
#41
 2,4,6-Tribromophenol
 Concen: 83.78 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087479.D
 Acq: 28 May 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB90944BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.0	118.4
141	43.8	31.2	46.8

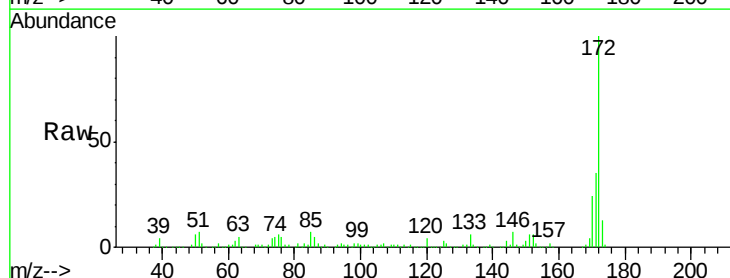


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

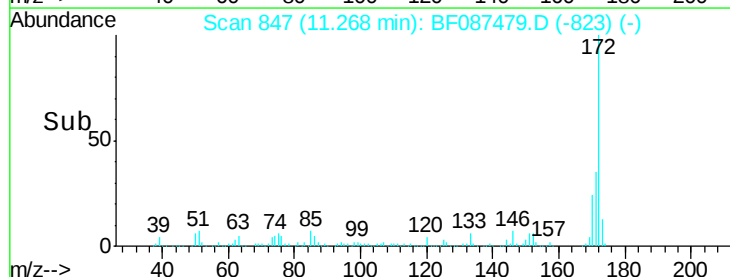
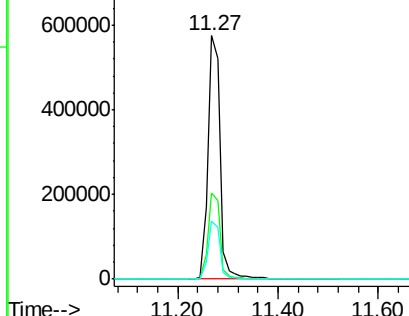


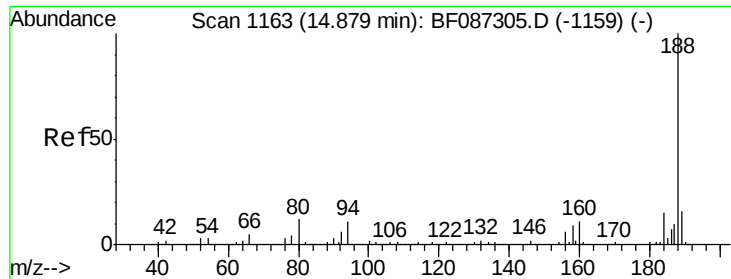
#44
 2-Fluorobiphenyl
 Concen: 61.29 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.02 min
 Lab File: BF087479.D
 Acq: 28 May 2016 14:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	23.8	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

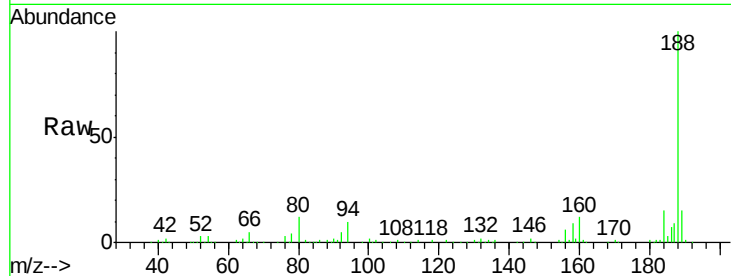




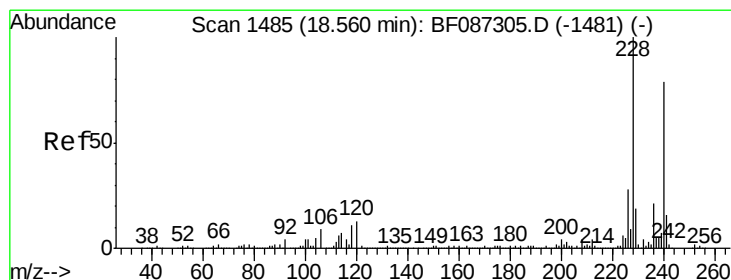
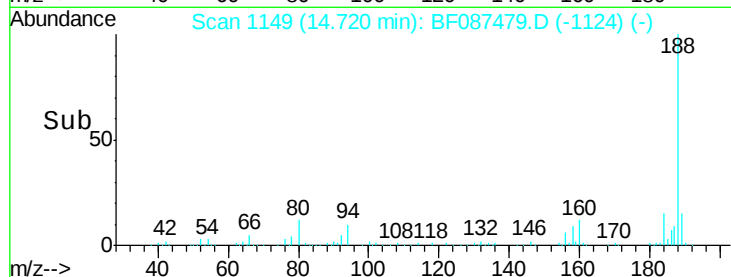
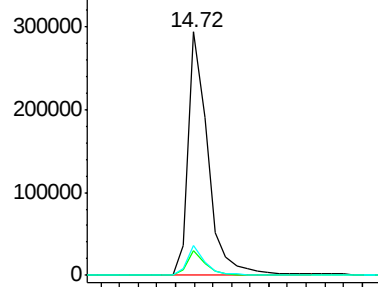
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF087479.D
Acq: 28 May 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB90944BL

Tgt Ion:188 Resp: 431490
Ion Ratio Lower Upper
188 100
94 10.3 6.8 10.2#
80 12.1 7.1 10.7#

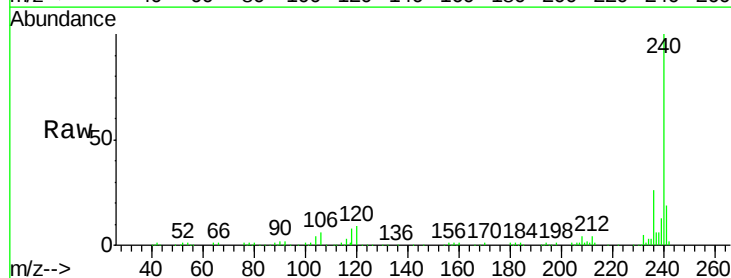


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

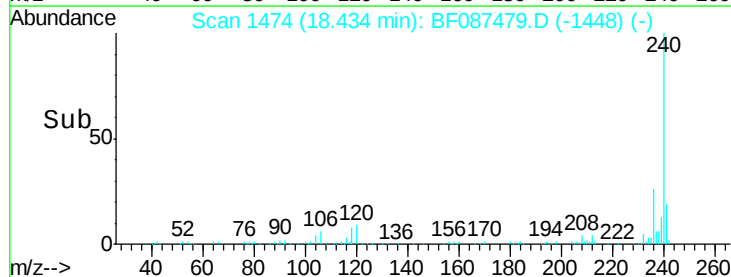
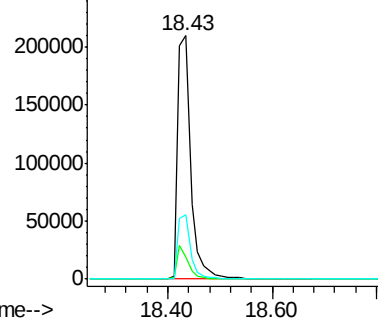


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087479.D
Acq: 28 May 2016 14:47

Tgt Ion:240 Resp: 366583
Ion Ratio Lower Upper
240 100
120 9.2 11.2 16.8#
236 26.3 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: 54.77 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB90944BL

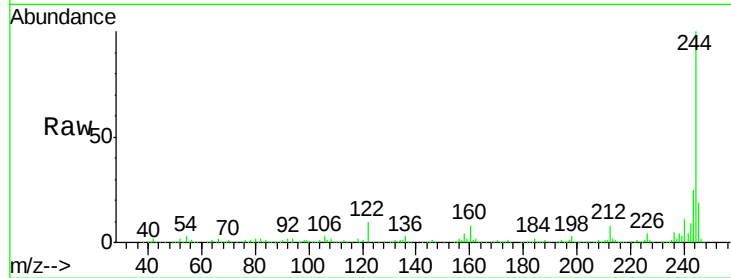
Tgt Ion:244 Resp: 944354

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

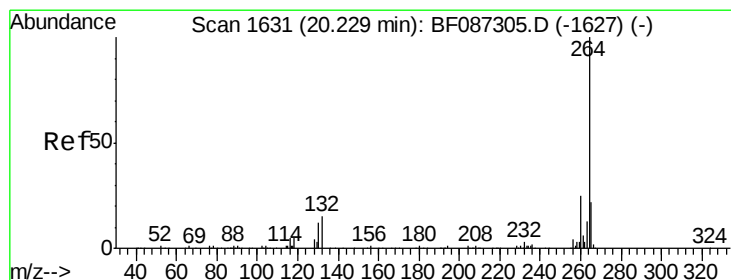
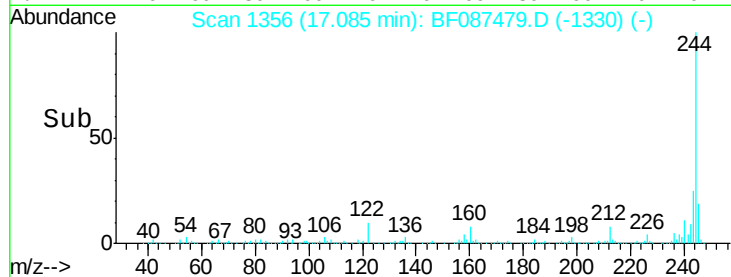
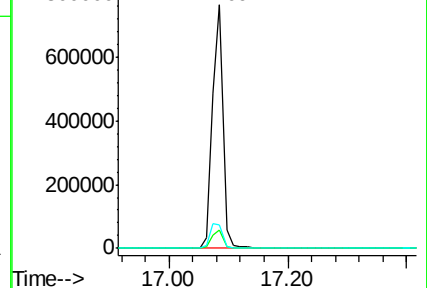
122 9.7 12.0 18.0#



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: 20.10 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF087479.D

Acq: 28 May 2016 14:47

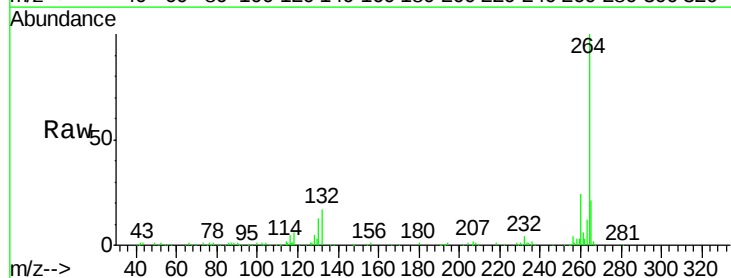
Tgt Ion:264 Resp: 228016

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.4 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

