

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087478.D
 Acq On : 28 May 2016 14:12
 Operator : UM/SJ
 Sample : PB90943BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90943BL

Quant Time: May 30 03:25:29 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	115037	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	481696	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	230028	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	449301	20.00	ng	-0.01
75) Chrysene-d12	18.42	240	392723	20.00	ng	-0.01
86) Perylene-d12	20.10	264	245781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	782570	119.54	ng	0.01
7) Phenol-d6	7.02	99	1030714	116.52	ng	-0.02
23) Nitrobenzene-d5	8.38	82	693162	72.52	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	238162	107.74	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1221932	74.89	ng	-0.01
78) Terphenyl-d14	17.09	244	1187354	64.28	ng	0.00

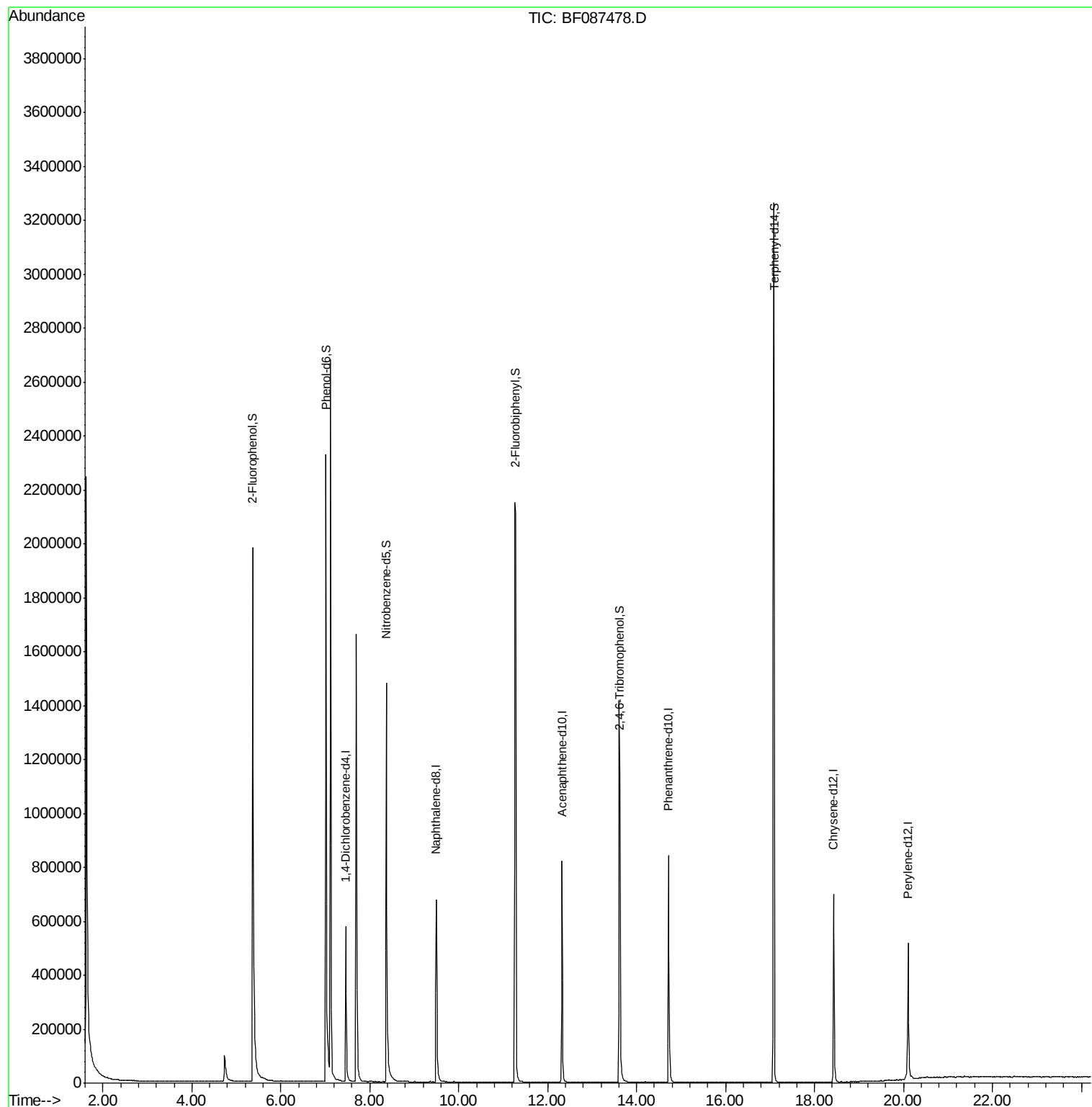
Target Compounds	Qvalue
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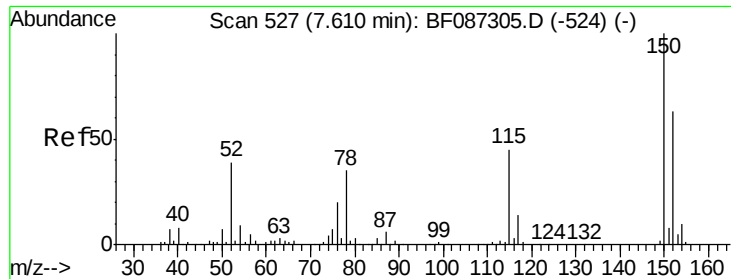
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087478.D

Acq: 28 May 2016 14:12

Instrument :

BNA_F

ClientSampleId :

PB90943BL

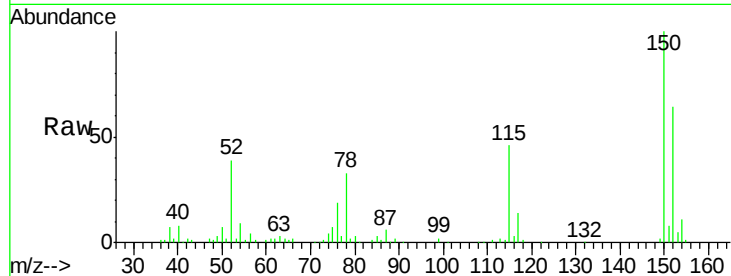
Tgt Ion:152 Resp: 115037

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

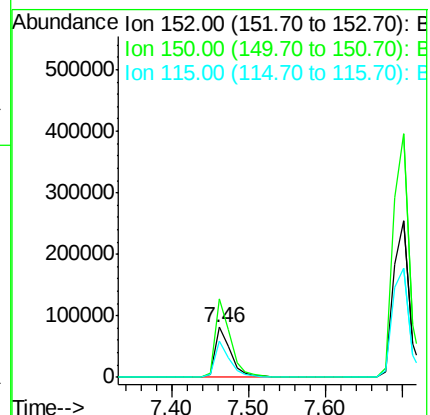
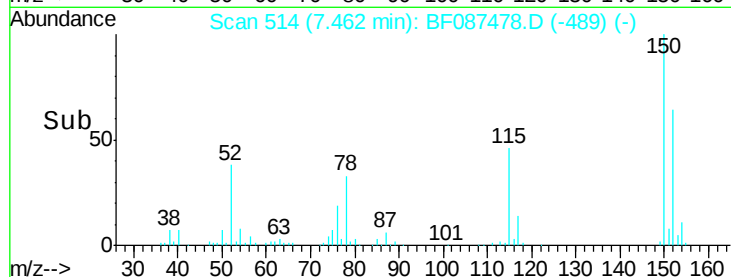
115 72.7 51.5 77.3



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: 119.54 ng

RT: 5.37 min Scan# 331

Delta R.T. 0.01 min

Lab File: BF087478.D

Acq: 28 May 2016 14:12

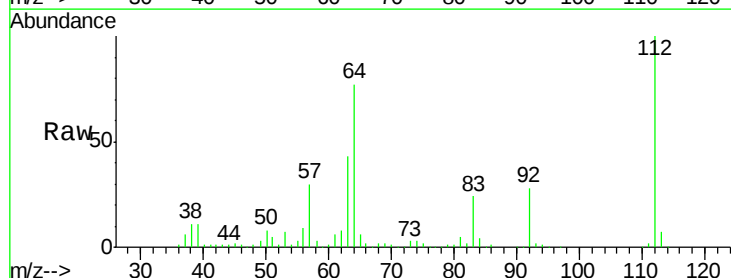
Tgt Ion:112 Resp: 782570

Ion Ratio Lower Upper

112 100

64 77.4 52.1 78.1

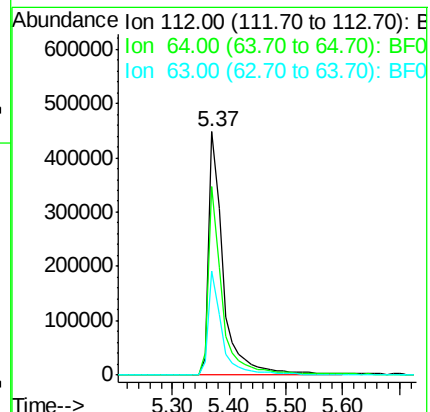
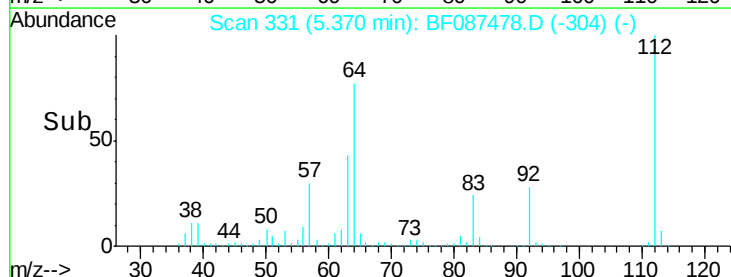
63 43.0 25.7 38.5#



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: 116.52 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087478.D

Acq: 28 May 2016 14:12

Instrument :

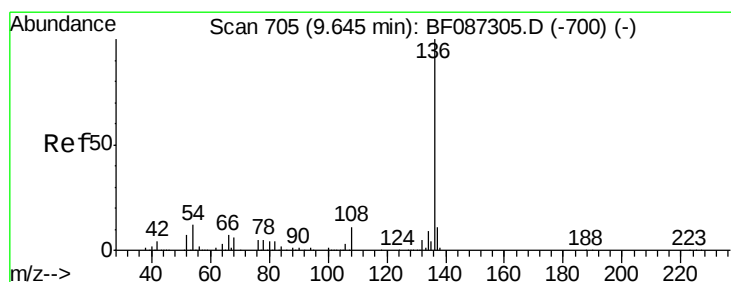
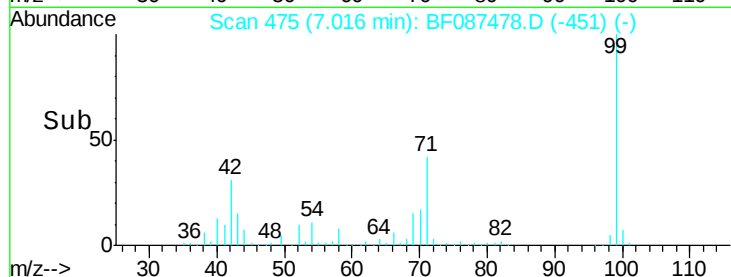
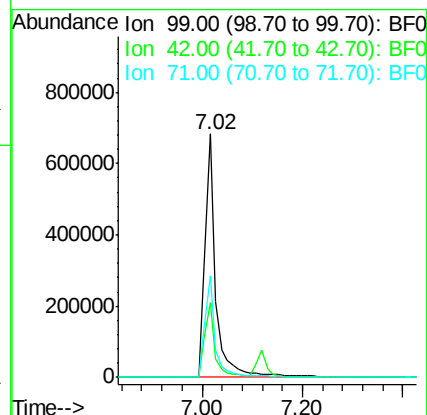
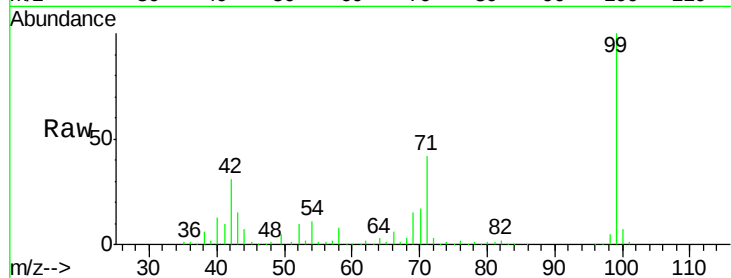
BNA_F

ClientSampleId :

PB90943BL

Tgt Ion: 99 Resp: 1030714

Ion	Ratio	Lower	Upper
99	100		
42	30.9	13.6	20.4#
71	41.6	24.6	36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.50 min Scan# 692

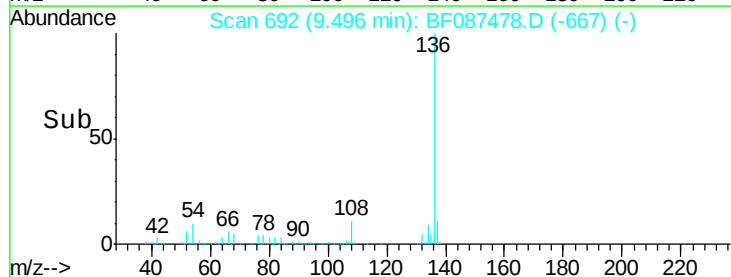
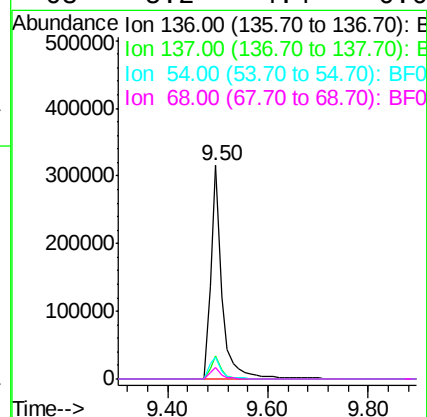
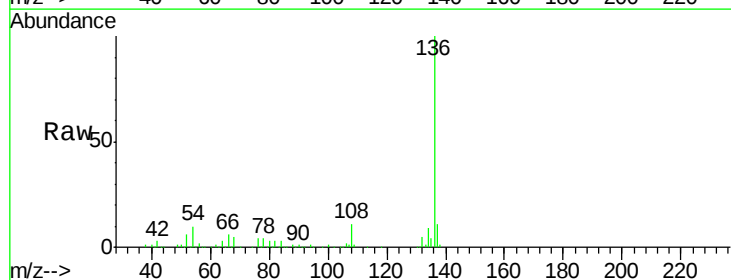
Delta R.T. -0.01 min

Lab File: BF087478.D

Acq: 28 May 2016 14:12

Tgt Ion: 136 Resp: 481696

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	5.0	7.4#
68	5.2	4.4	6.6

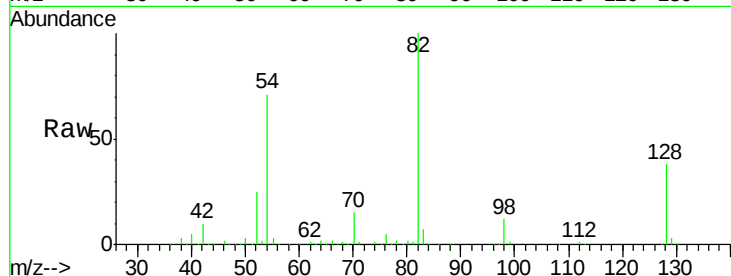




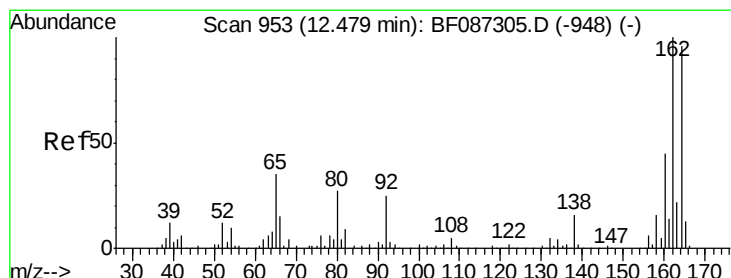
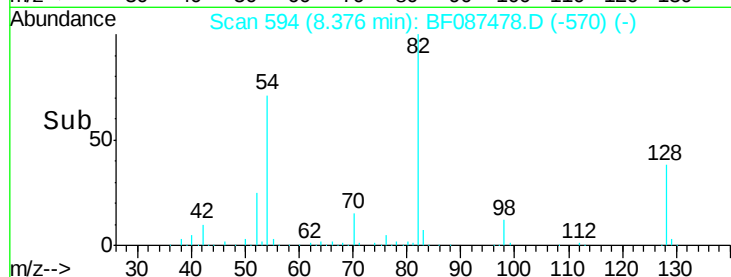
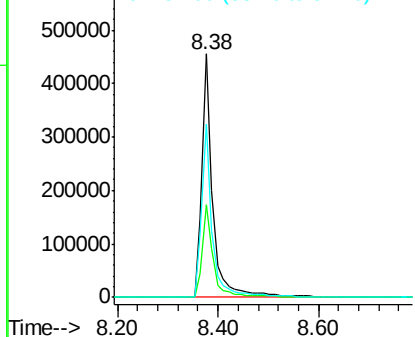
#23
 Nitrobenzene-d5
 Concen: 72.52 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF087478.D
 Acq: 28 May 2016 14:12

Instrument :
 BNA_F
 ClientSampleID :
 PB90943BL

Tgt Ion: 82 Resp: 693162
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 71.1 38.1 57.1#

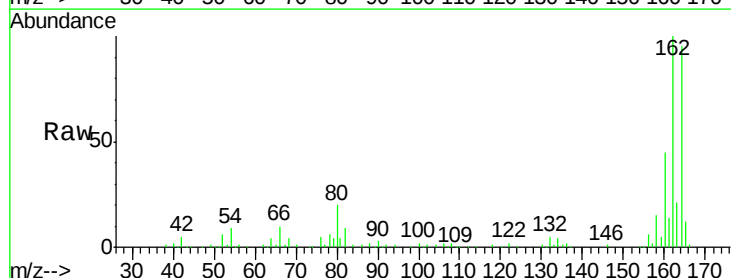


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

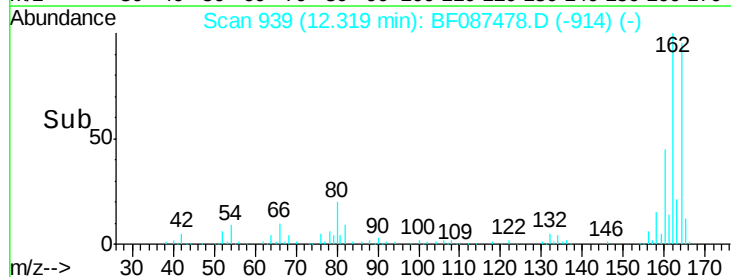
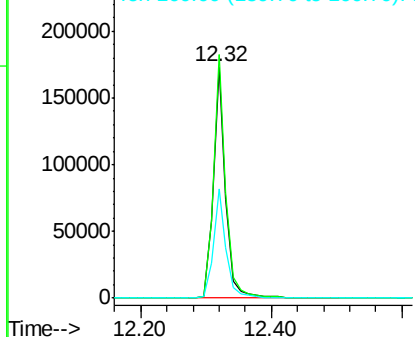


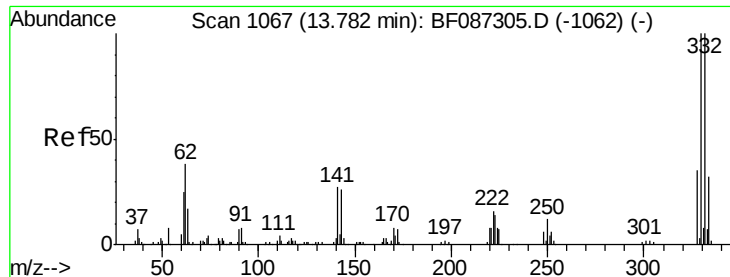
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087478.D
 Acq: 28 May 2016 14:12

Tgt Ion: 164 Resp: 230028
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 47.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

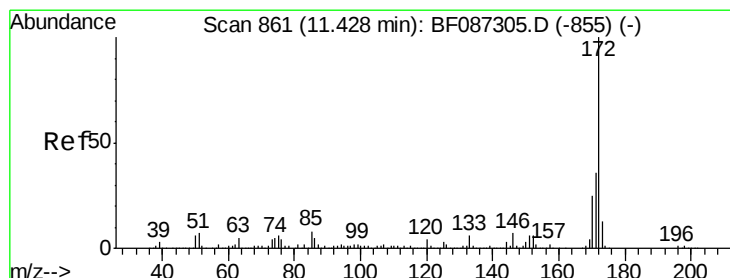
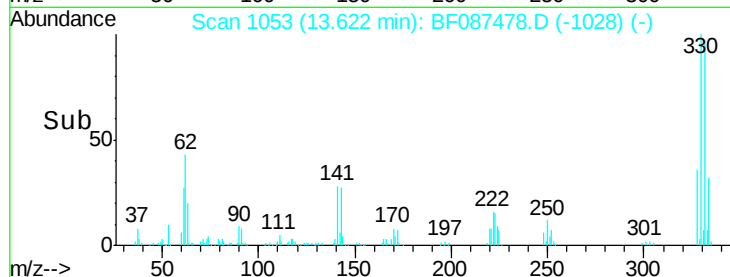
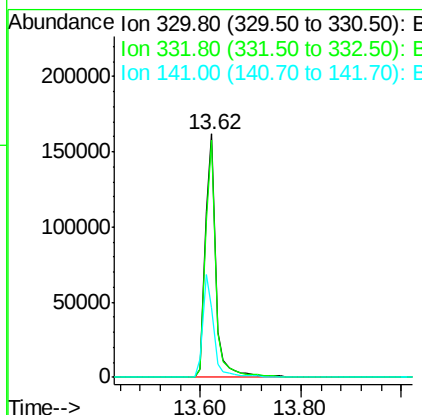
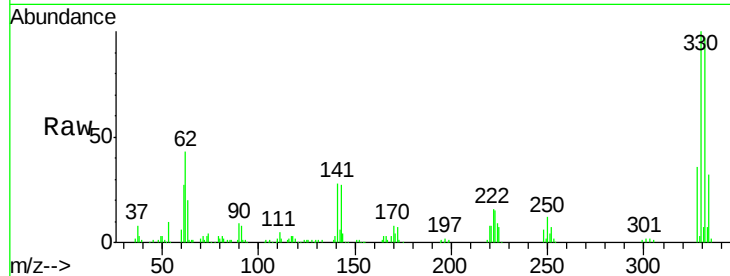




#41
 2,4,6-Tribromophenol
 Concen: 107.74 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087478.D
 Acq: 28 May 2016 14:12

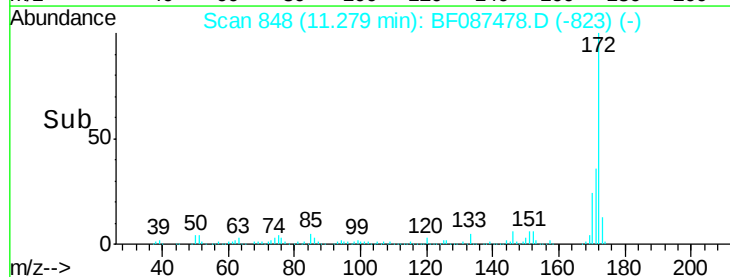
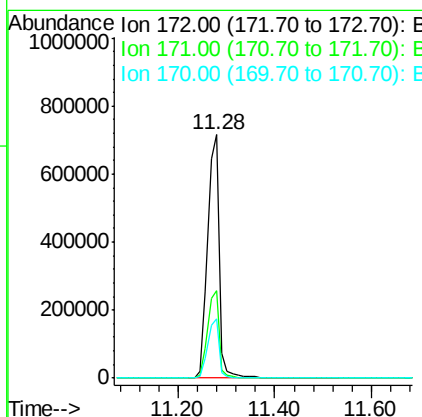
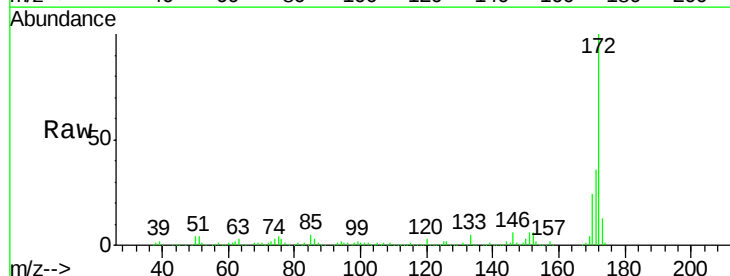
Instrument :
 BNA_F
 ClientSampleId :
 PB90943BL

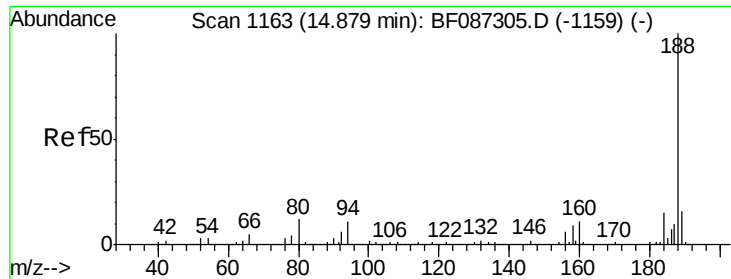
Tgt Ion:330 Resp: 238162
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 43.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087478.D
 Acq: 28 May 2016 14:12

Tgt Ion:172 Resp: 1221932
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.2 19.8 29.8

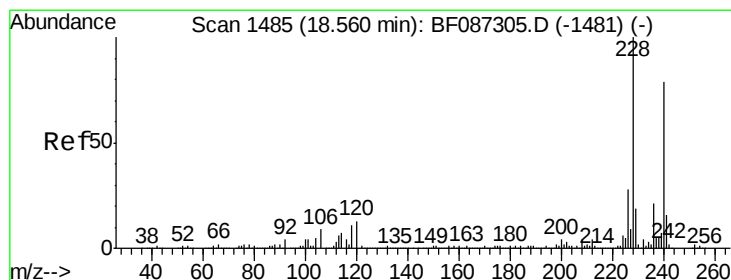
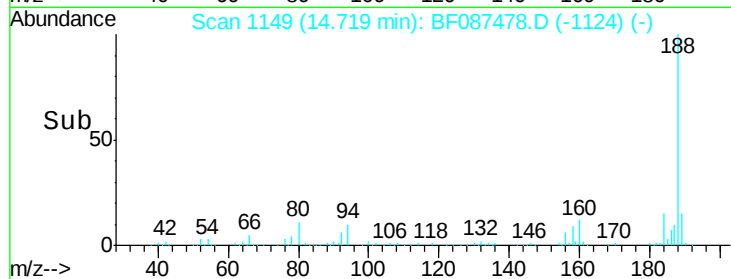
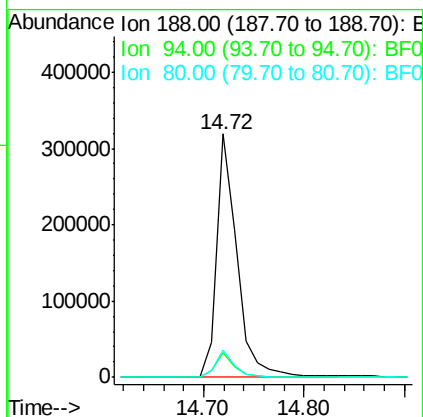
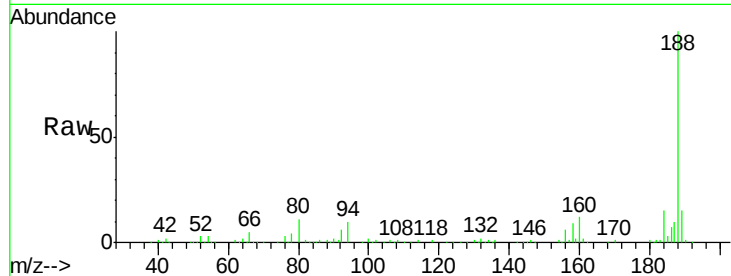




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF087478.D
Acq: 28 May 2016 14:12

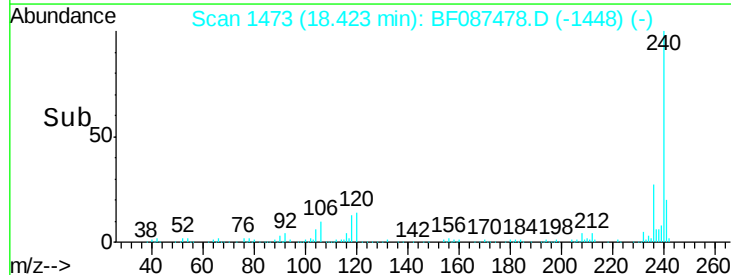
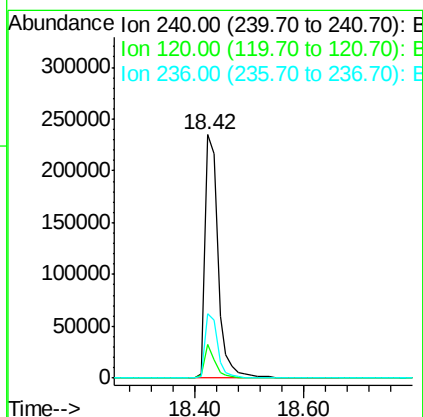
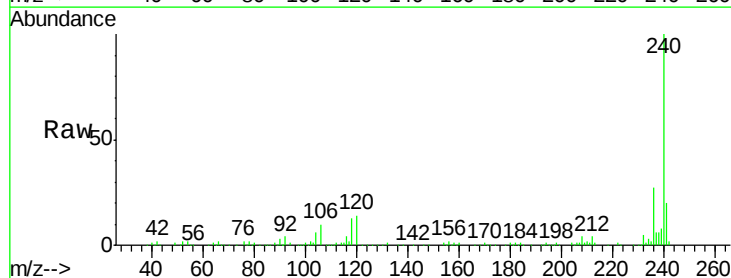
Instrument :
BNA_F
ClientSampleId :
PB90943BL

Tgt Ion:188 Resp: 449301
Ion Ratio Lower Upper
188 100
94 10.4 6.8 10.2#
80 11.3 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.42 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF087478.D
Acq: 28 May 2016 14:12

Tgt Ion:240 Resp: 392723
Ion Ratio Lower Upper
240 100
120 14.0 11.2 16.8
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 64.28 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087478.D

Acq: 28 May 2016 14:12

Instrument :

BNA_F

ClientSampleId :

PB90943BL

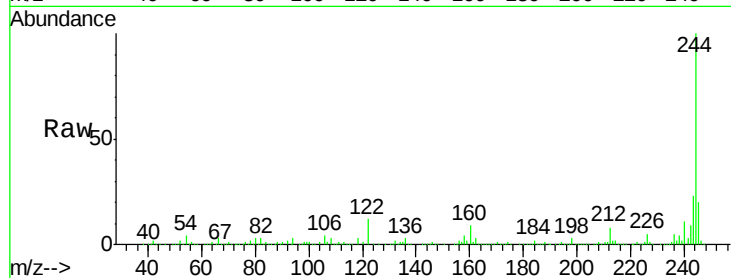
Tgt Ion:244 Resp: 1187354

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

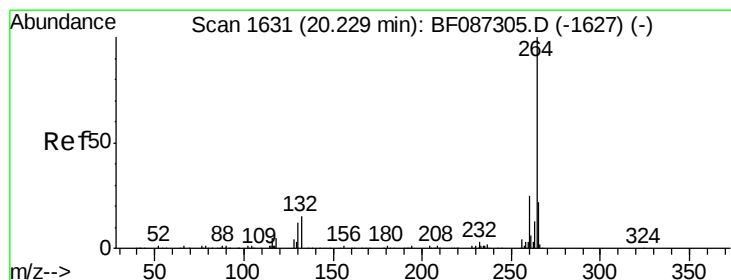
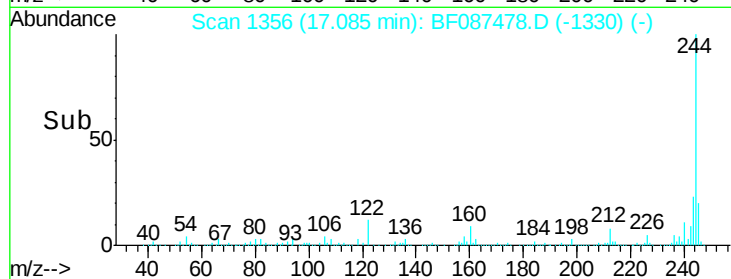
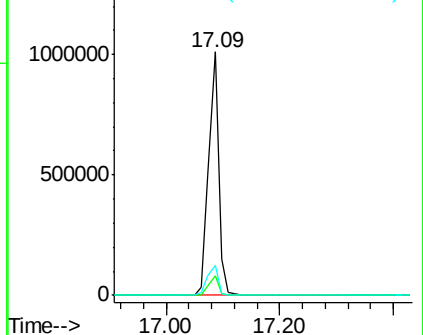
122 12.5 12.0 18.0



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: 20.10 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF087478.D

Acq: 28 May 2016 14:12

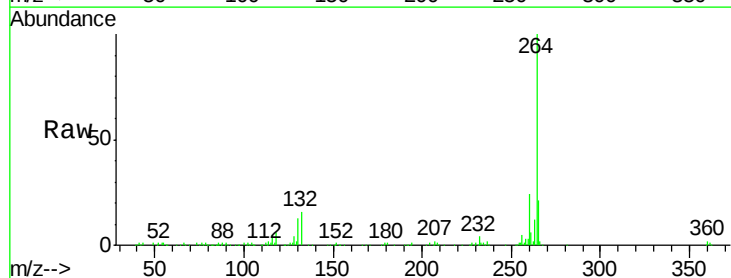
Tgt Ion:264 Resp: 245781

Ion Ratio Lower Upper

264 100

260 24.4 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

