

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087548.D
 Acq On : 30 May 2016 13:37
 Operator : UM/SJ
 Sample : H3317-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-21

Quant Time: May 31 01:18:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 31 00:45:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	110566	20.00	ng	0.01
21) Naphthalene-d8	9.51	136	459387	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	208643	20.00	ng	0.00
63) Phenanthrene-d10	14.75	188	376187	20.00	ng	0.01
75) Chrysene-d12	18.47	240	261656	20.00	ng	0.02
86) Perylene-d12	20.16	264	207193	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	335708	53.35	ng	0.02
7) Phenol-d6	7.05	99	265908	31.27	ng	0.01
23) Nitrobenzene-d5	8.39	82	792665	86.96	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	243947	121.67	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1322383	89.35	ng	-0.01
78) Terphenyl-d14	17.09	244	1109278	90.13	ng	-0.01

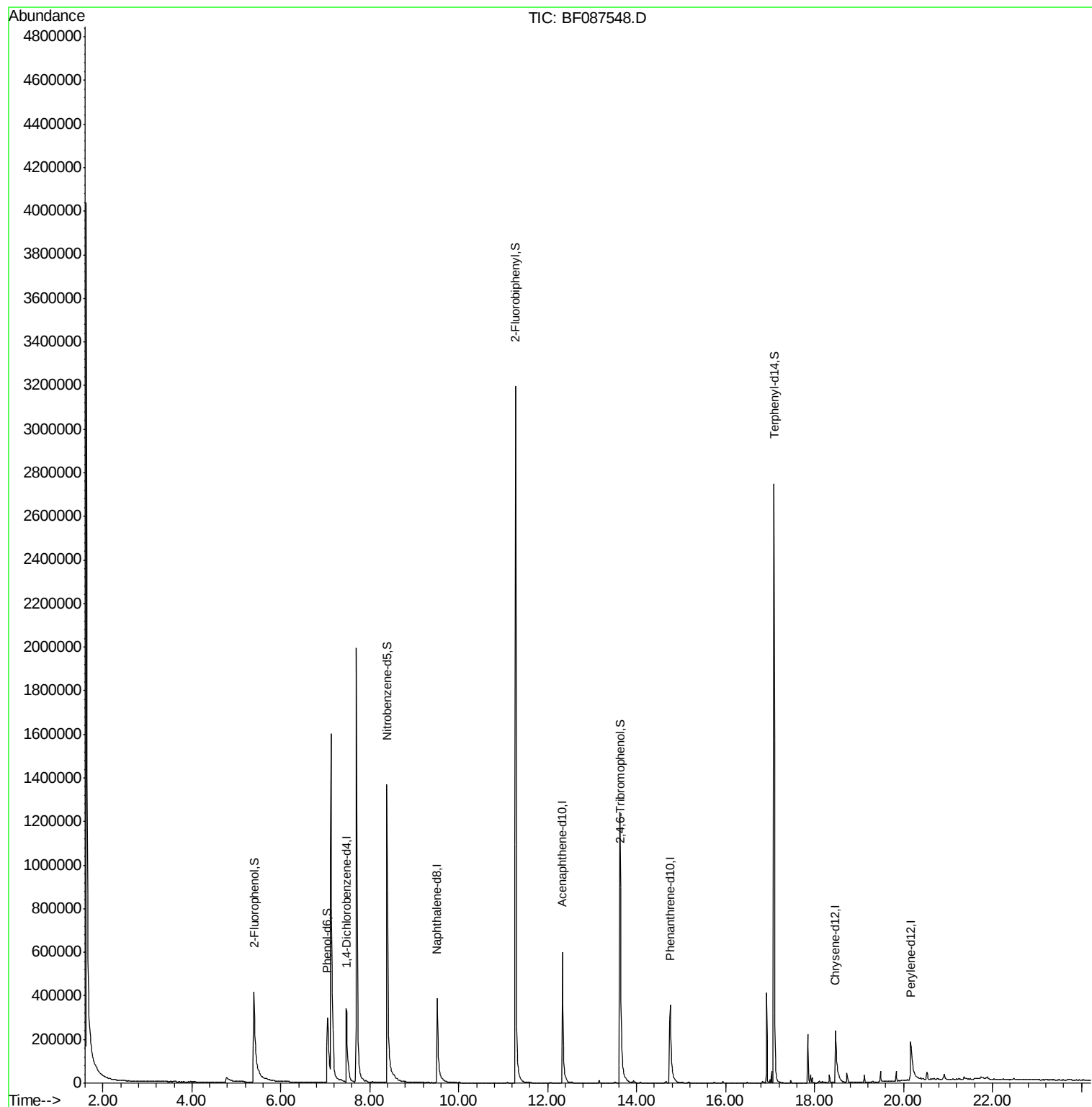
Target Compounds Qvalue

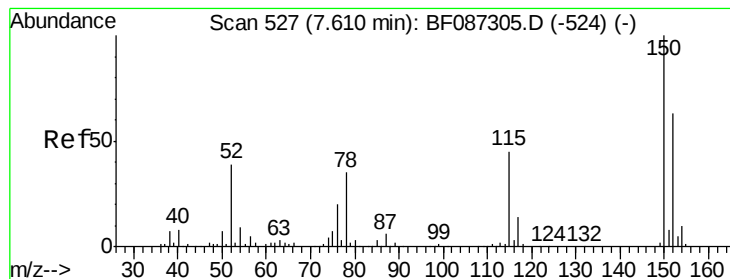
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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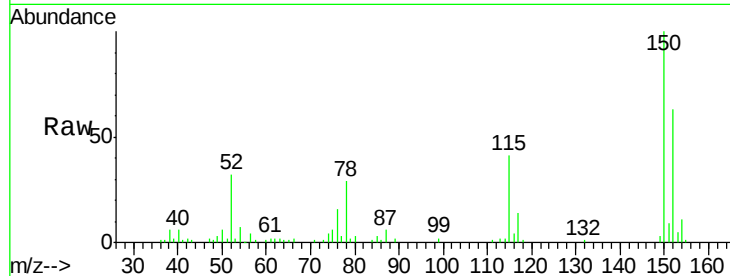


#1

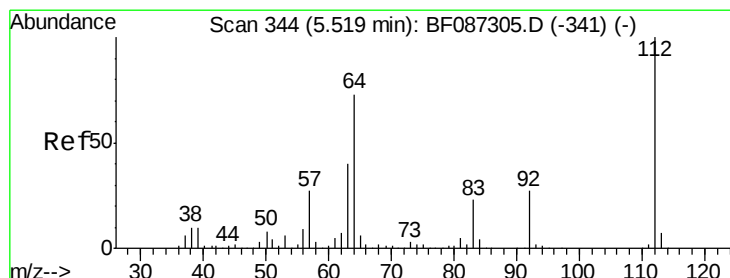
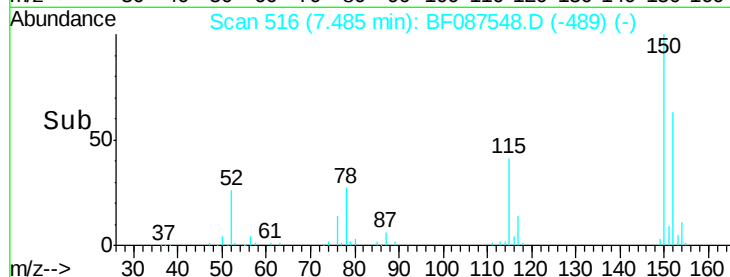
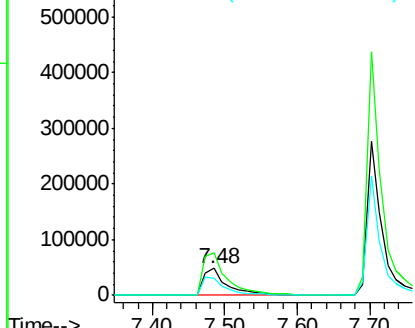
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.01 min
Lab File: BF087548.D
Acq: 30 May 2016 13:37

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.8	188.6
115	65.3	51.5	77.3



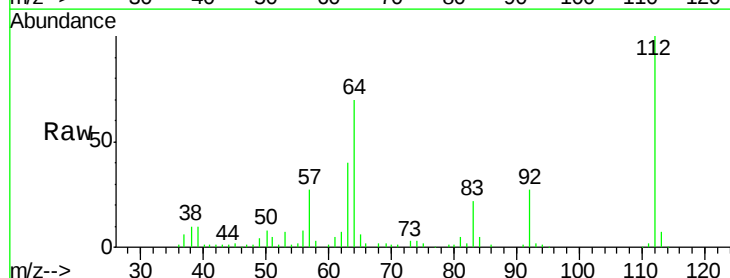
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



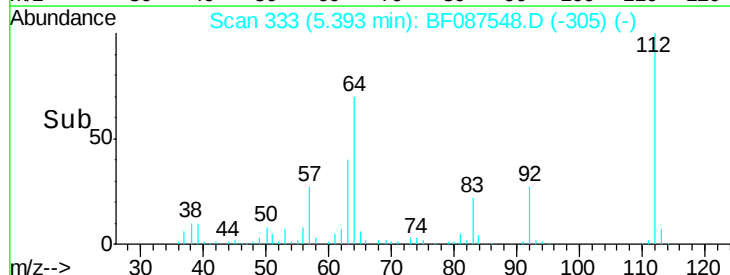
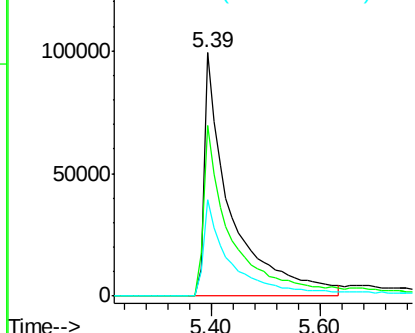
#5

2-Fluorophenol
Concen: 53.35 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF087548.D
Acq: 30 May 2016 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	52.1	78.1
63	39.9	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: 31.27 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF087548.D

Acq: 30 May 2016 13:37

Instrument :

BNA_F

ClientSampleId :

MW-21

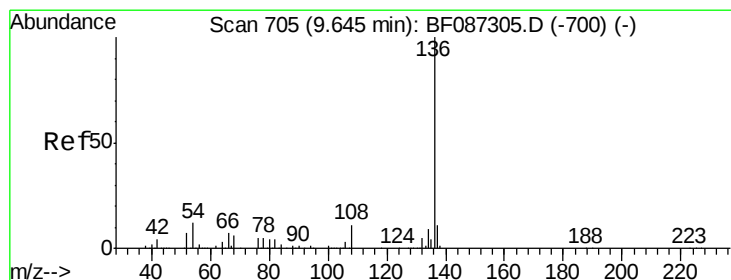
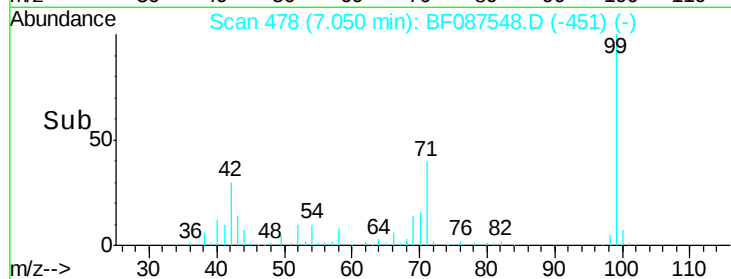
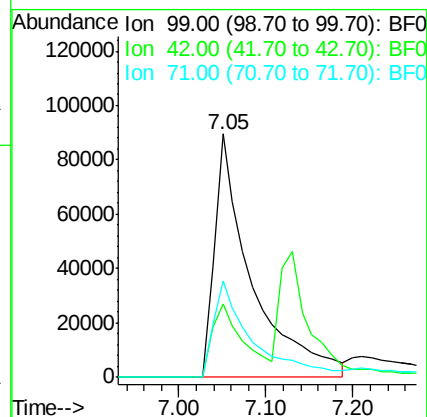
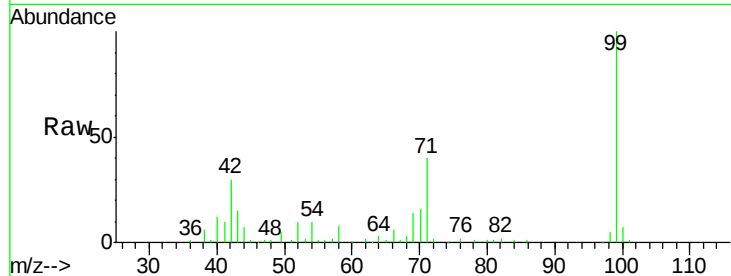
Tot Ion: 99 Resp: 265908

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

71 39.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF087548.D

Acq: 30 May 2016 13:37

Tgt Ion: 136 Resp: 459387

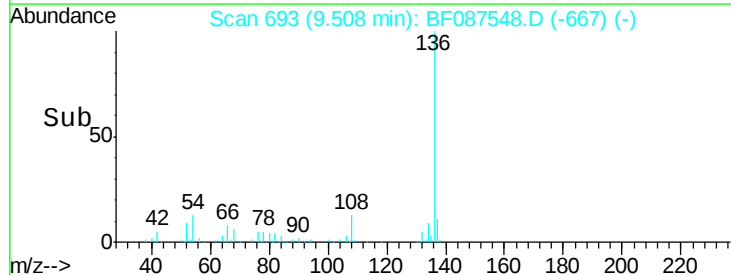
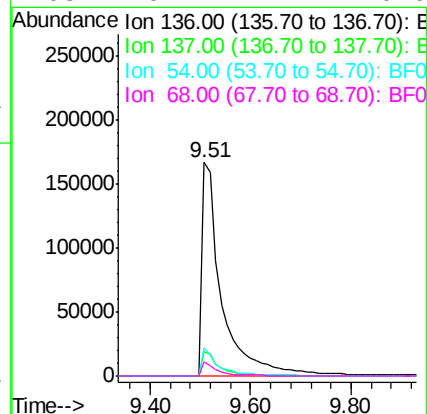
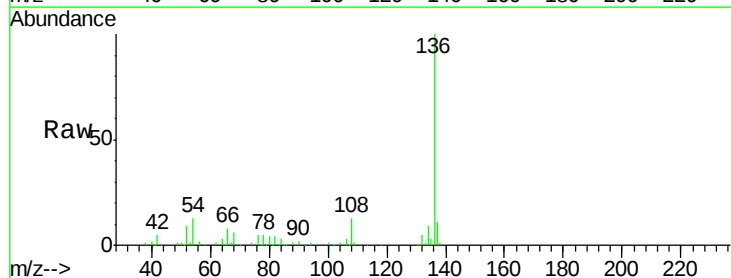
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 13.2 5.0 7.4#

68 6.4 4.4 6.6

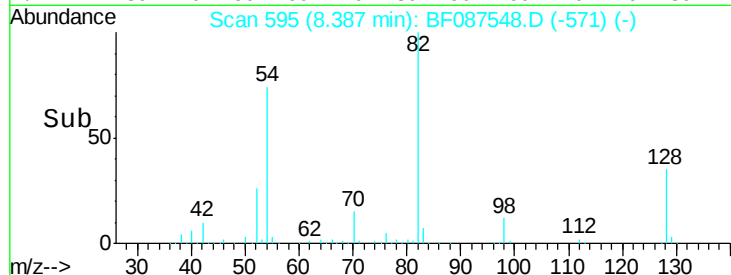
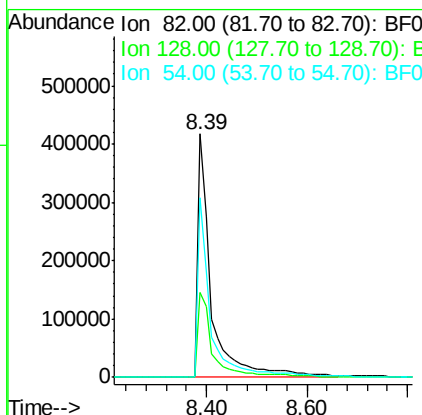
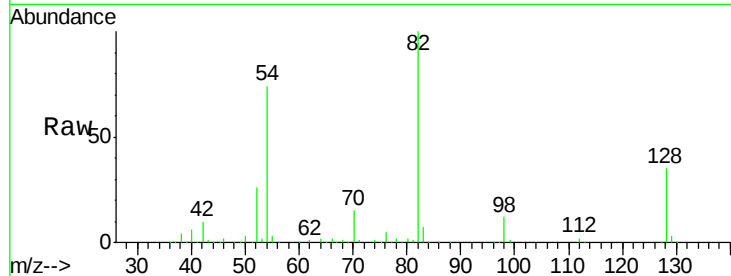




#23
 Nitrobenzene-d5
 Concen: 86.96 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087548.D
 Acq: 30 May 2016 13:37

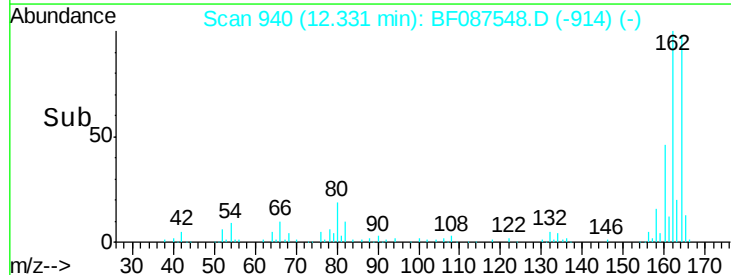
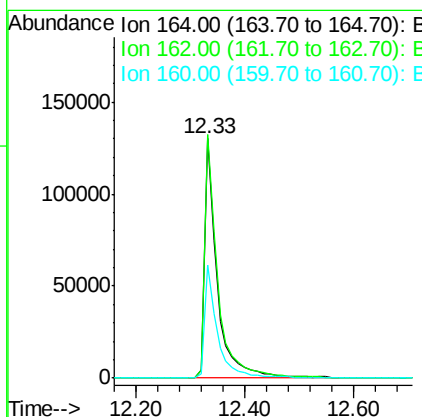
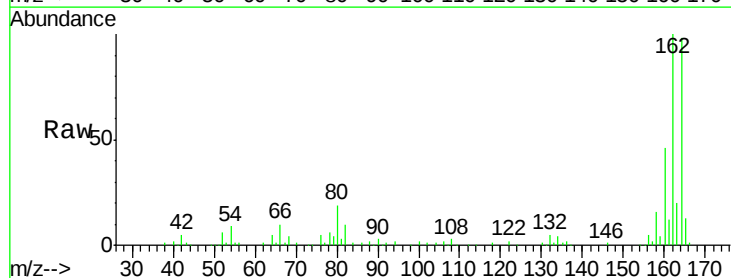
Instrument :
 BNA_F
 ClientSampled :
 MW-21

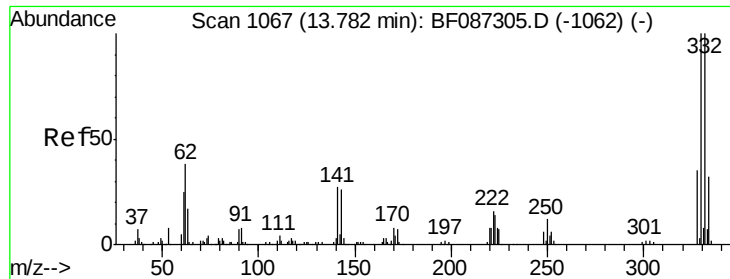
Tot Ion: 82 Resp: 792665
 Ion Ratio Lower Upper
 82 100
 128 34.6 40.6 61.0#
 54 73.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BF087548.D
 Acq: 30 May 2016 13:37

Tgt Ion:164 Resp: 208643
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.8 124.2
 160 47.2 36.9 55.3

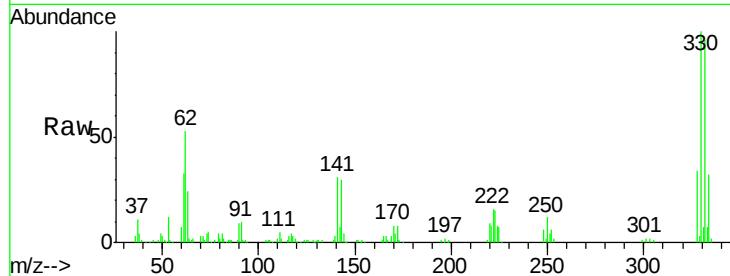




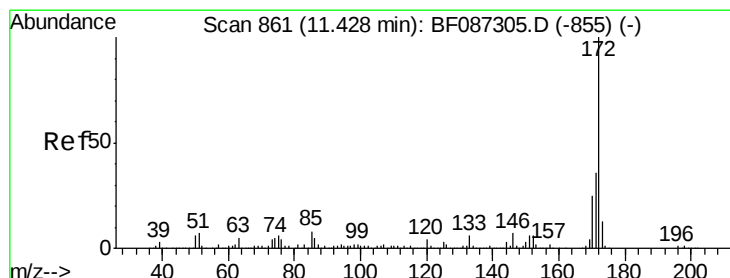
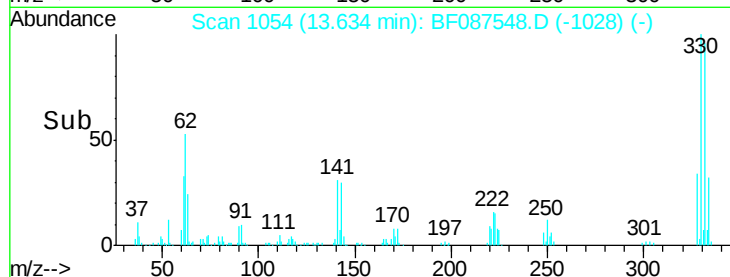
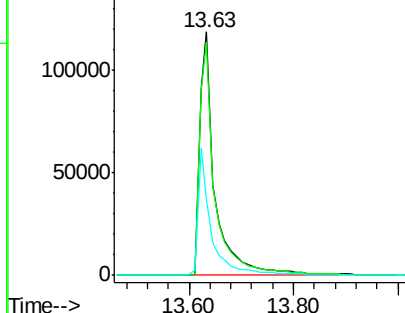
#41
 2,4,6-Tribromophenol
 Concen: 121.67 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF087548.D
 Acq: 30 May 2016 13:37

Instrument :
 BNA_F
 ClientSampled :
 MW-21

Tot Ion:330 Resp: 243947
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 45.1 31.2 46.8

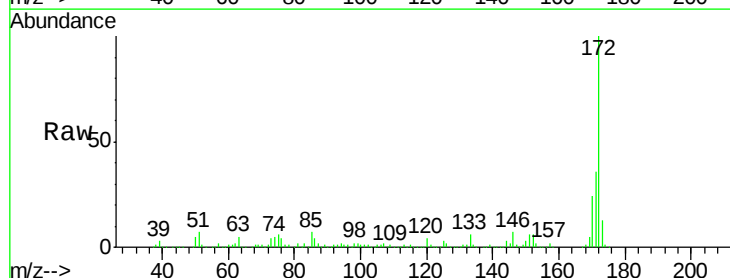


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

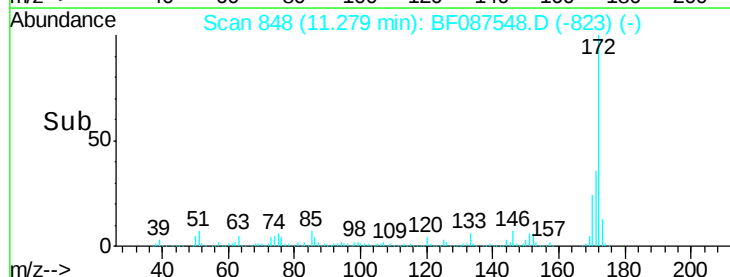
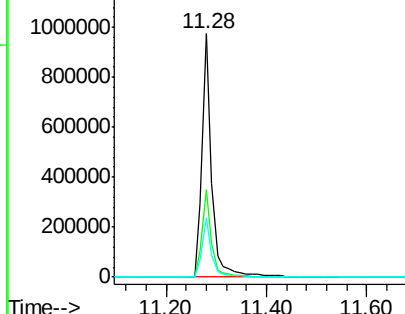


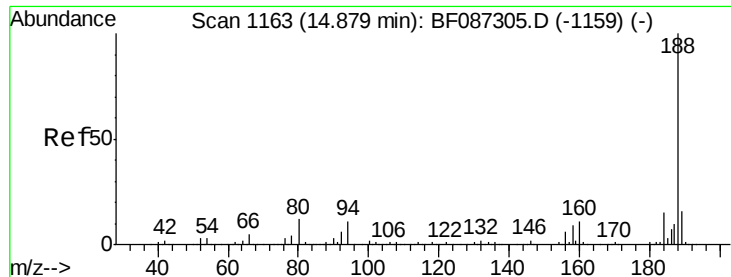
#44
 2-Fluorobiphenyl
 Concen: 89.35 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087548.D
 Acq: 30 May 2016 13:37

Tgt Ion:172 Resp: 1322383
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 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

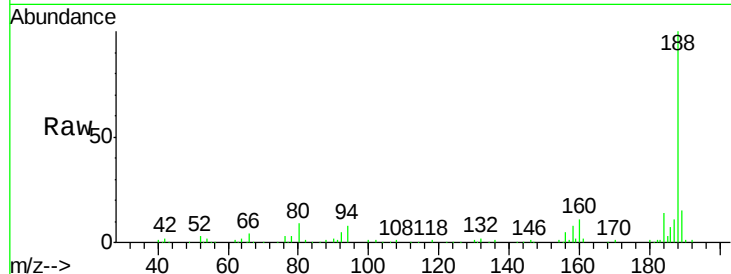




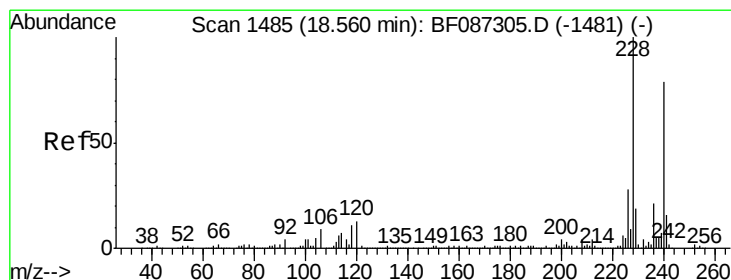
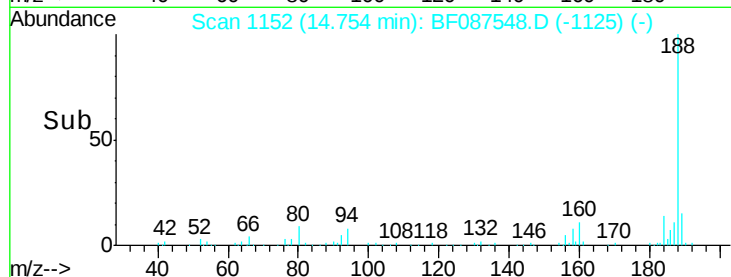
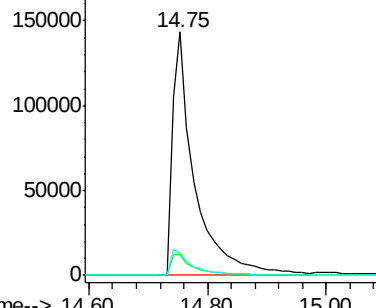
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF087548.D
Acq: 30 May 2016 13:37

Instrument :
BNA_F
ClientSampleId :
MW-21

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	9.3	7.1	10.7

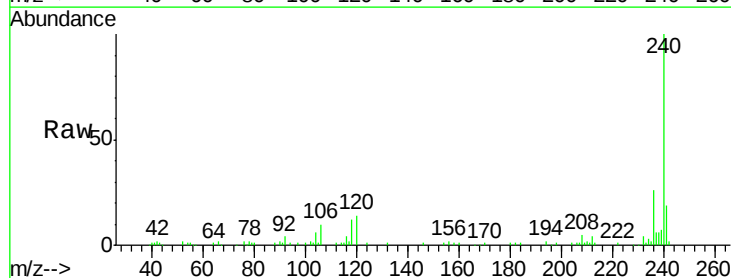


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

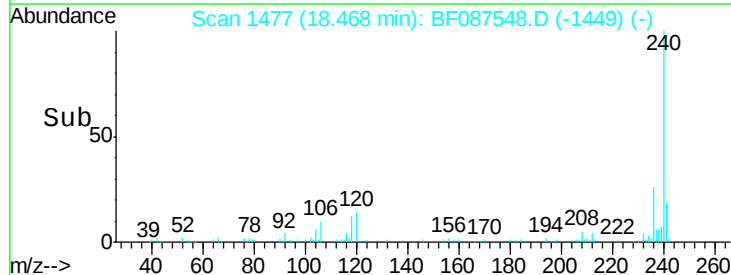
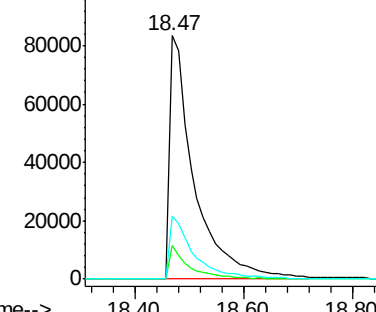


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.02 min
Lab File: BF087548.D
Acq: 30 May 2016 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	11.2	16.8
236	25.8	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: 90.13 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF087548.D

Acq: 30 May 2016 13:37

Instrument :

BNA_F

ClientSampled :

MW-21

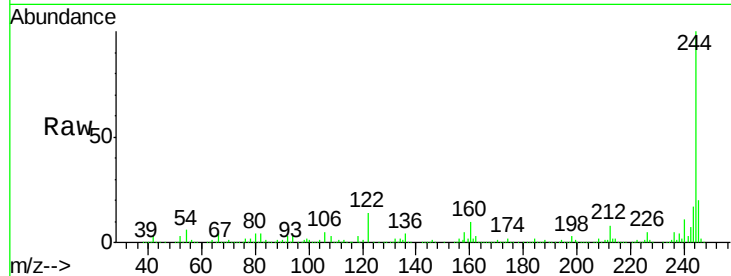
Tot Ion:244 Resp: 1109278

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

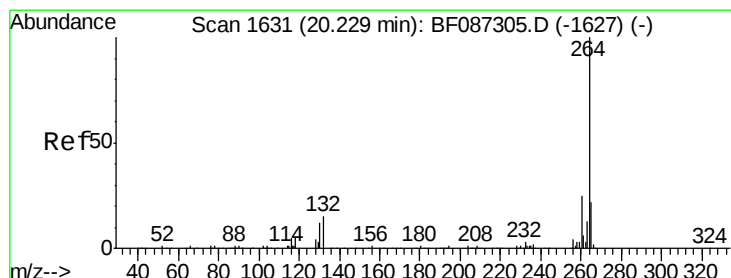
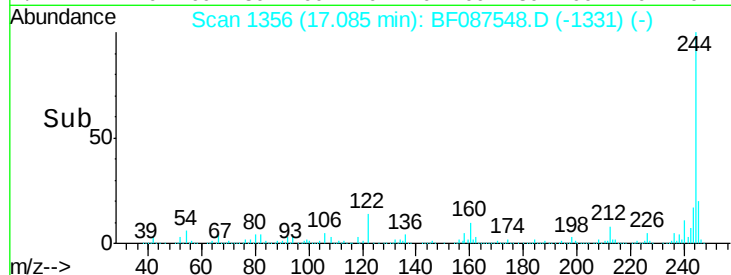
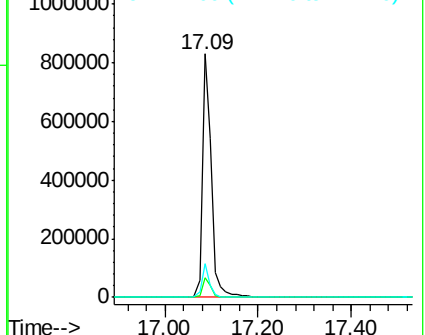
122 13.9 12.0 18.0



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: 20.16 min Scan# 1625

Delta R.T. 0.03 min

Lab File: BF087548.D

Acq: 30 May 2016 13:37

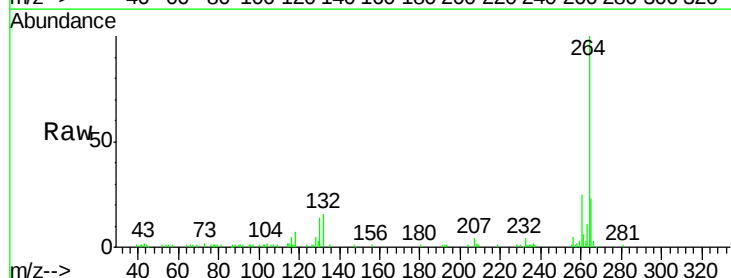
Tgt Ion:264 Resp: 207193

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.8 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

