

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
 Data File : BF087544.D
 Acq On : 30 May 2016 11:20
 Operator : UM/SJ
 Sample : H3295-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW1-GW

Quant Time: May 31 01:09:32 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	7.47	152	116267	20.00	ng	0.00
21) Naphthalene-d8	9.51	136	469680	20.00	ng	0.00
38) Acenaphthene-d10	12.33	164	210818	20.00	ng	0.00
63) Phenanthrene-d10	14.75	188	377792	20.00	ng	0.01
75) Chrysene-d12	18.47	240	253759	20.00	ng	0.02
86) Perylene-d12	20.16	264	198175	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	400070	60.46	ng	0.01
7) Phenol-d6	7.04	99	462696	51.75	ng	0.00
23) Nitrobenzene-d5	8.39	82	788764	84.64	ng	-0.02
41) 2,4,6-Tribromophenol	13.63	330	250398	123.60	ng	0.00
44) 2-Fluorobiphenyl	11.28	172	1325798	88.66	ng	-0.01
78) Terphenyl-d14	17.09	244	1015306	85.06	ng	-0.01

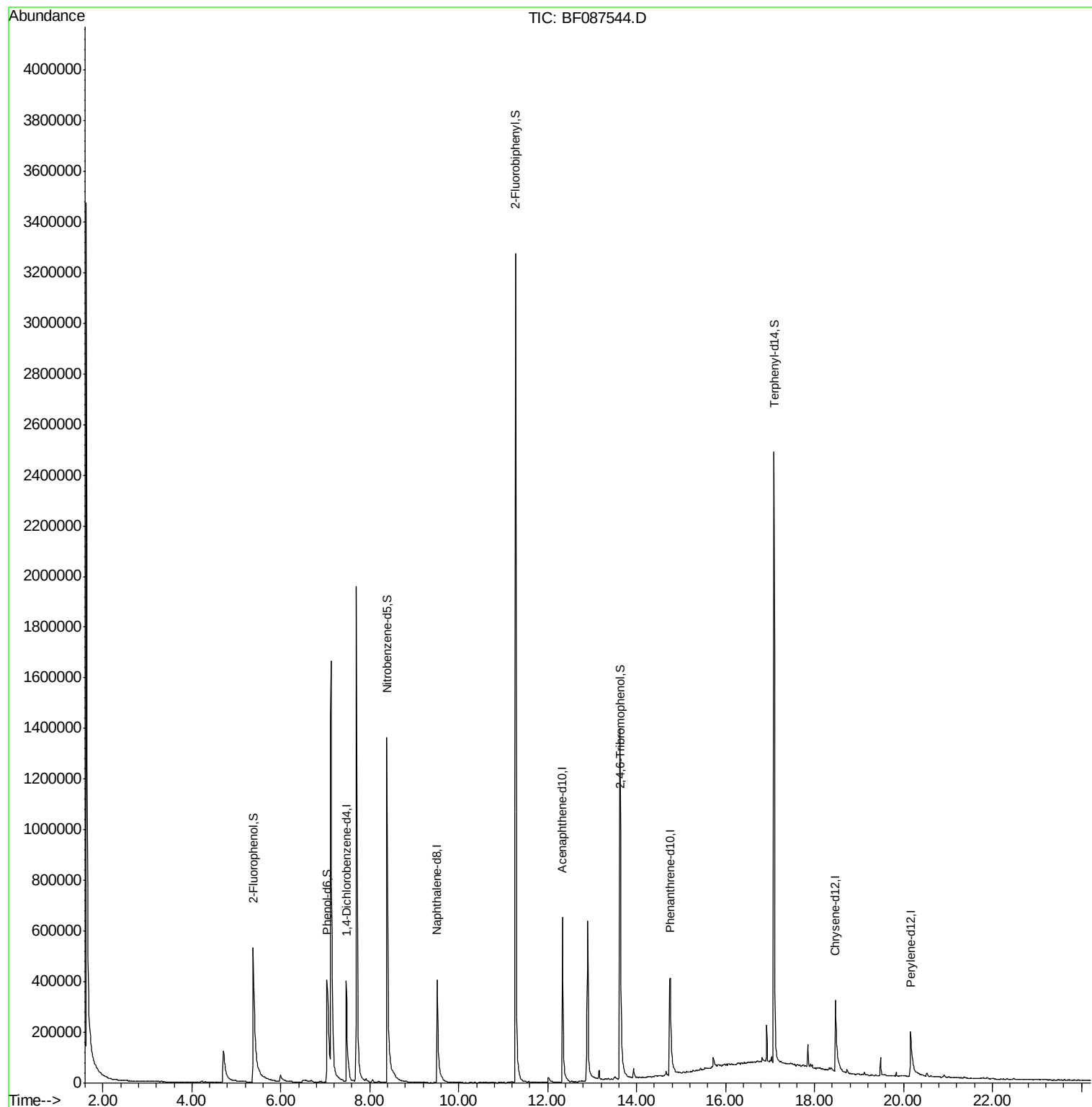
Target Compounds Qvalue

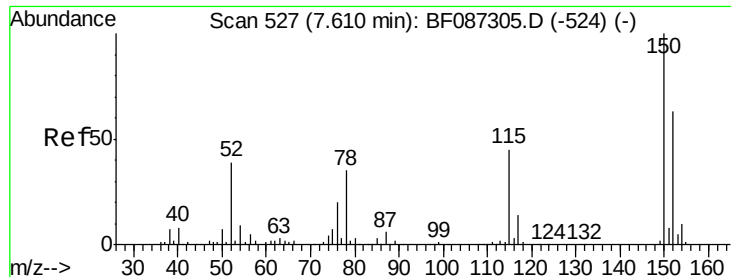
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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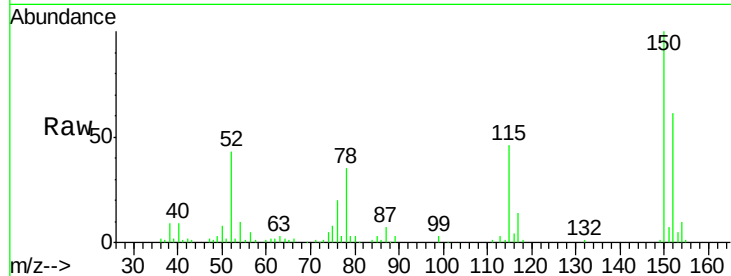


#1

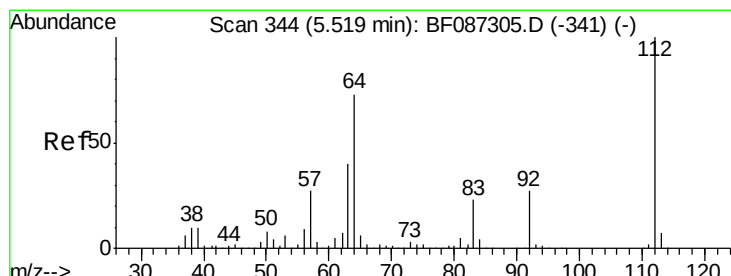
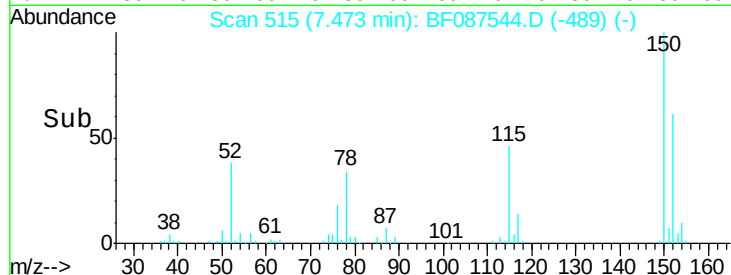
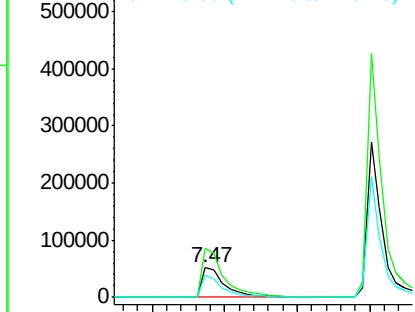
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.47 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF087544.D
Acq: 30 May 2016 11:20

Instrument :
BNA_F
ClientSampleId :
R1-MW1-GW

Tot Ion:152 Resp: 116267
Ion Ratio Lower Upper
152 100
150 165.1 125.8 188.6
115 76.0 51.5 77.3



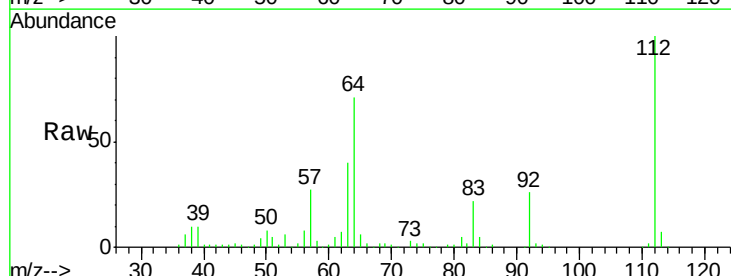
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



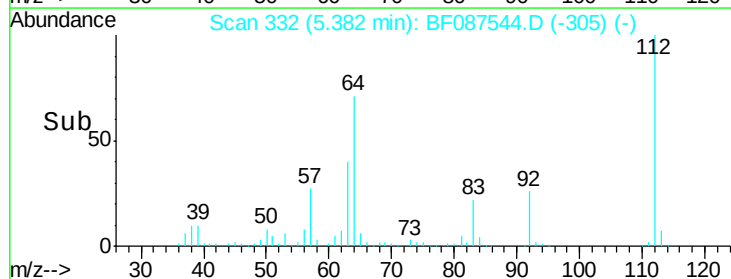
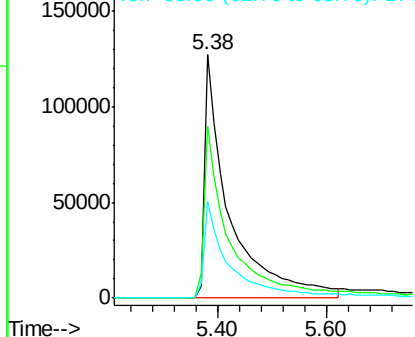
#5

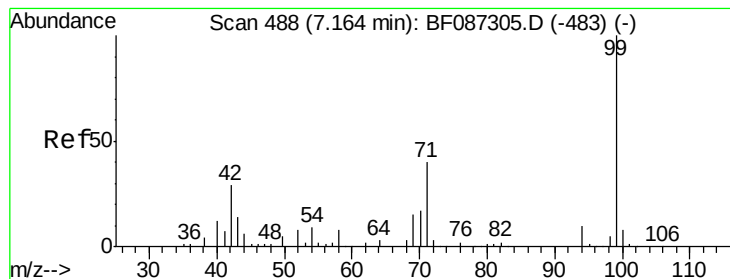
2-Fluorophenol
Concen: 60.46 ng
RT: 5.38 min Scan# 332
Delta R.T. 0.01 min
Lab File: BF087544.D
Acq: 30 May 2016 11:20

Tgt Ion:112 Resp: 400070
Ion Ratio Lower Upper
112 100
64 70.7 52.1 78.1
63 39.7 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: 51.75 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF087544.D

Acq: 30 May 2016 11:20

Instrument :

BNA_F

ClientSampleId :

R1-MW1-GW

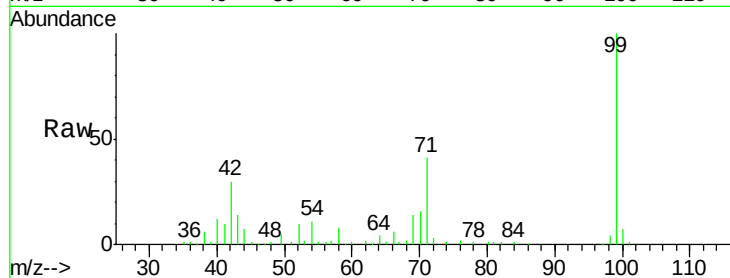
Tot Ion: 99 Resp: 462696

Ion Ratio Lower Upper

99 100

42 30.2 13.6 20.4#

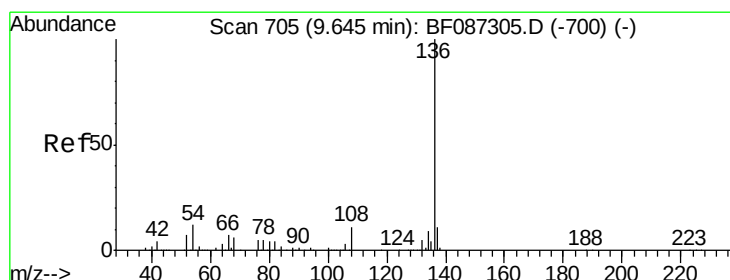
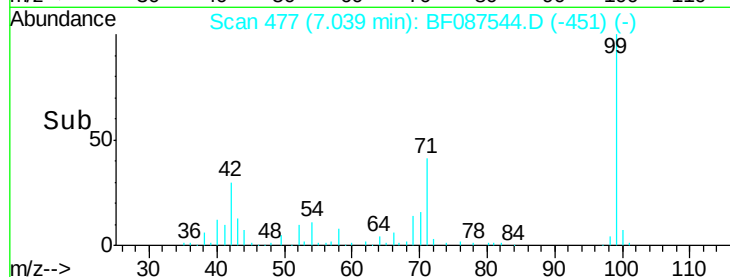
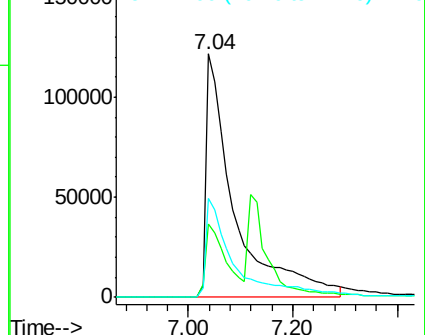
71 40.8 24.6 36.8#



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: 9.51 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF087544.D

Acq: 30 May 2016 11:20

Tgt Ion: 136 Resp: 469680

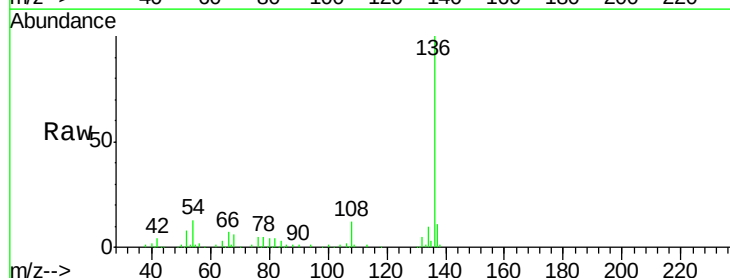
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 12.7 5.0 7.4#

68 6.1 4.4 6.6

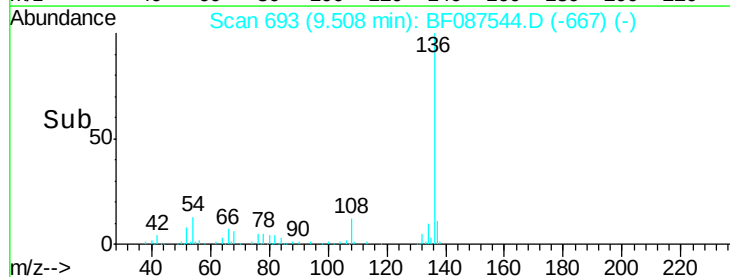
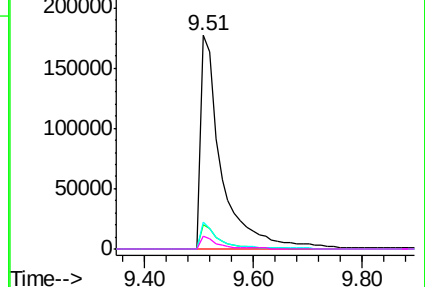


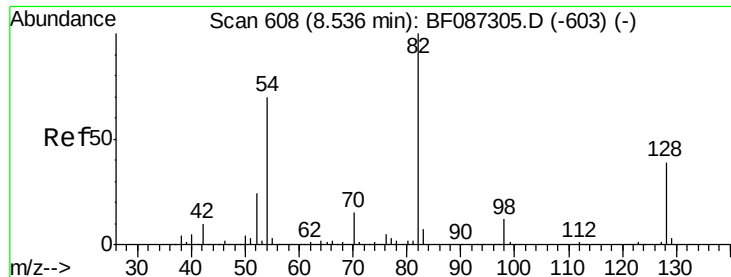
Abundance Ion 136.00 (135.70 to 136.70): E

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

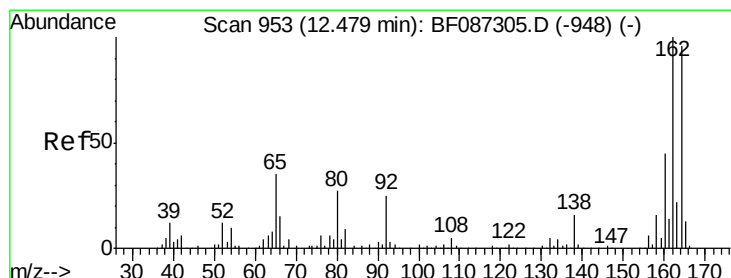
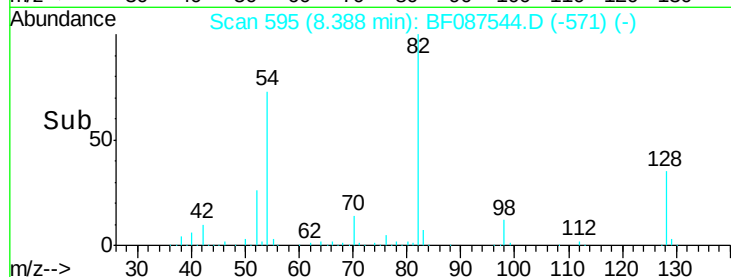
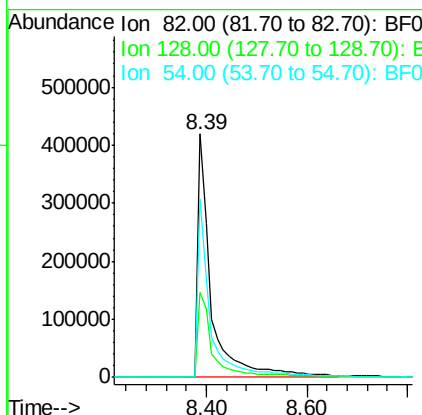
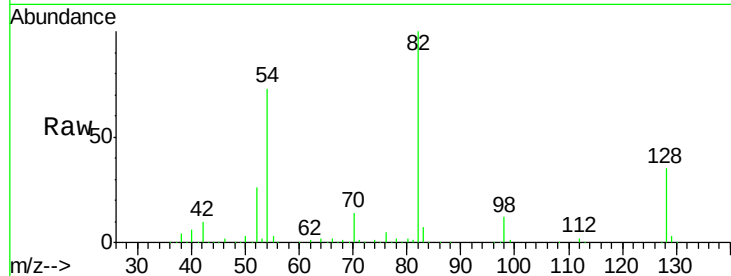




#23
 Nitrobenzene-d5
 Concen: 84.64 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

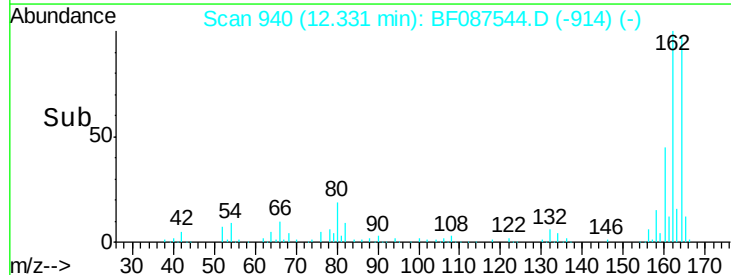
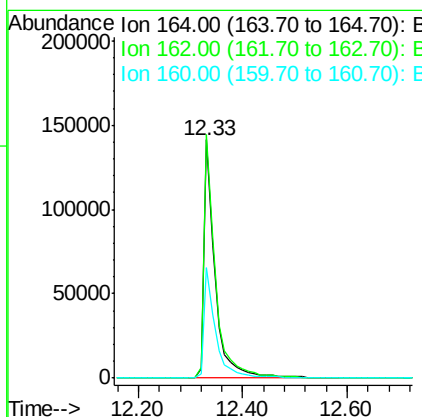
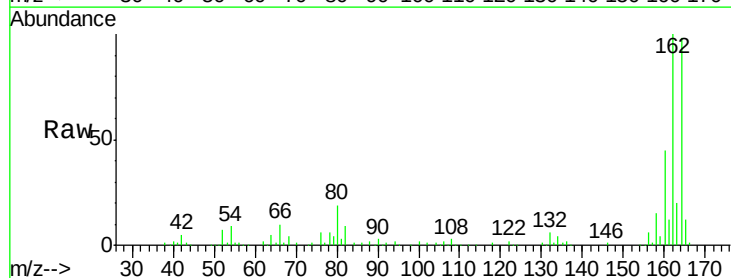
Instrument :
 BNA_F
 ClientSampled :
 R1-MW1-GW

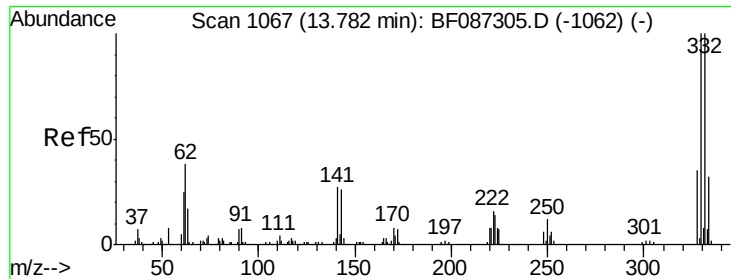
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	40.6	61.0#
54	73.2	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.33 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.8	124.2
160	46.4	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 123.60 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF087544.D

Acq: 30 May 2016 11:20

Instrument :

BNA_F

ClientSampleId :

R1-MW1-GW

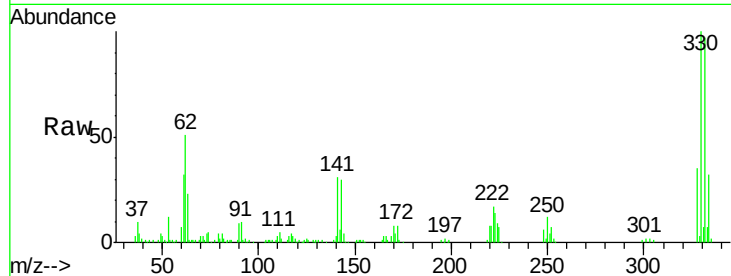
Tot Ion:330 Resp: 250398

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

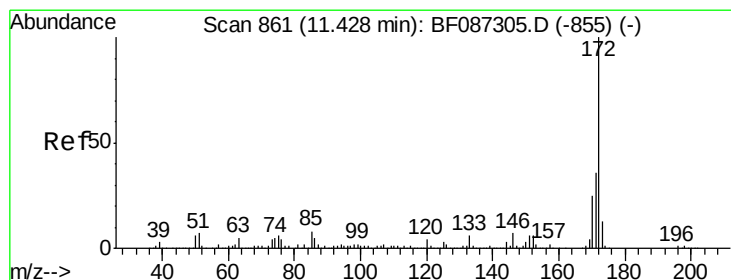
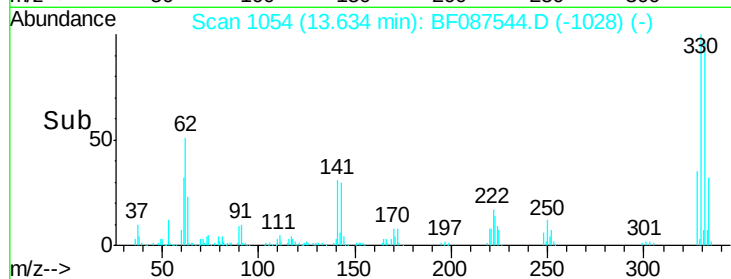
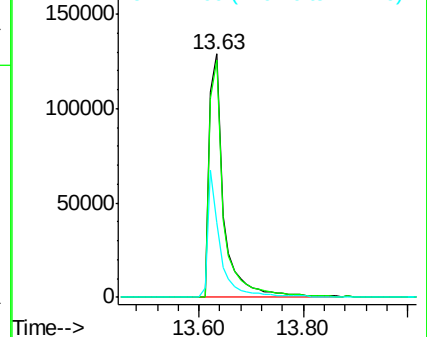
141 45.3 31.2 46.8



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: 88.66 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF087544.D

Acq: 30 May 2016 11:20

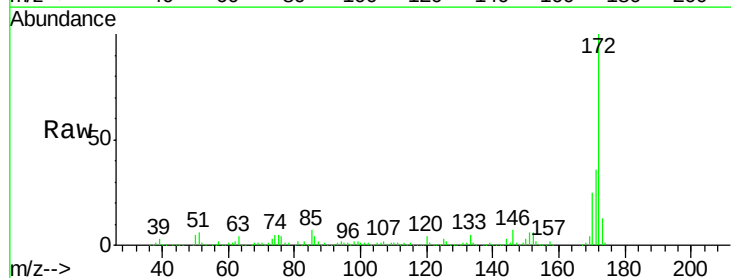
Tgt Ion:172 Resp: 1325798

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

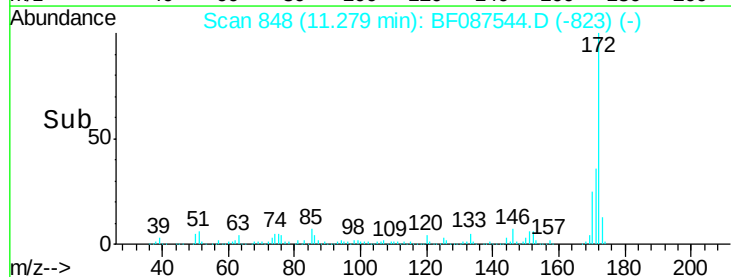
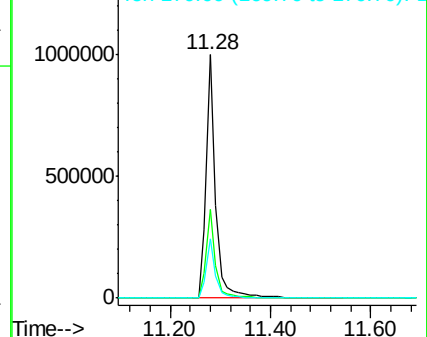
170 24.6 19.8 29.8

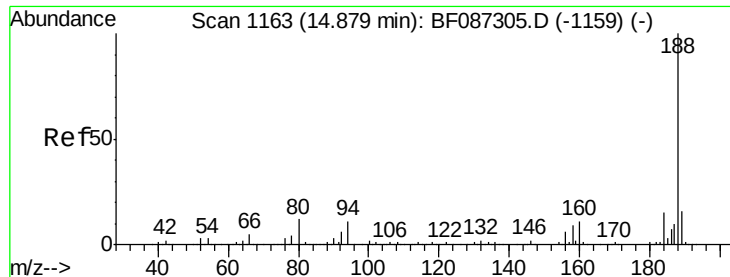


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

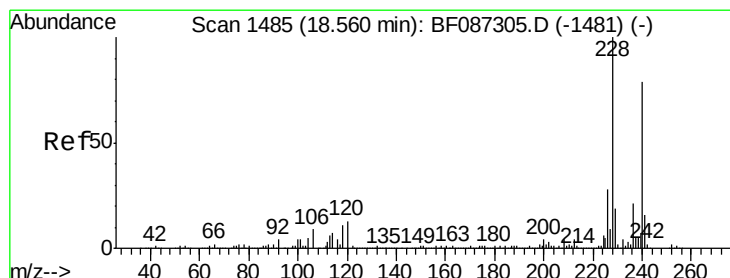
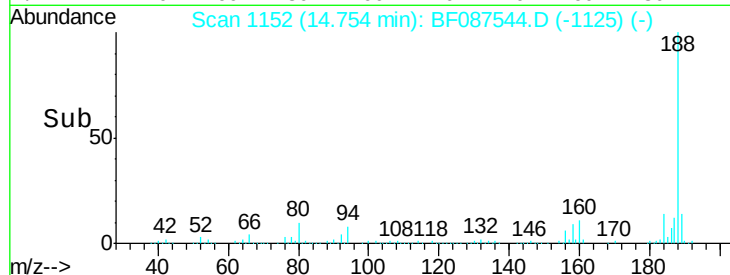
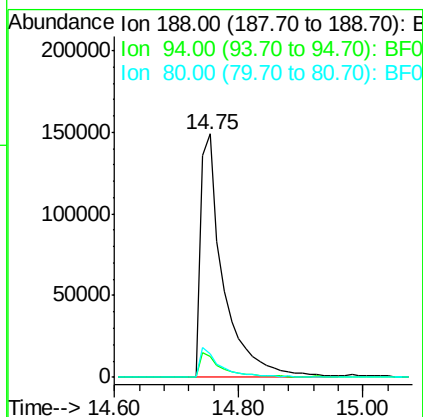
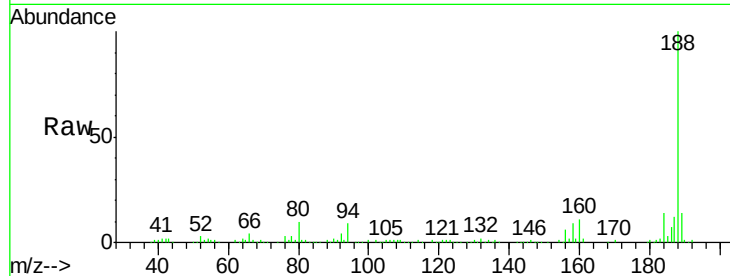




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

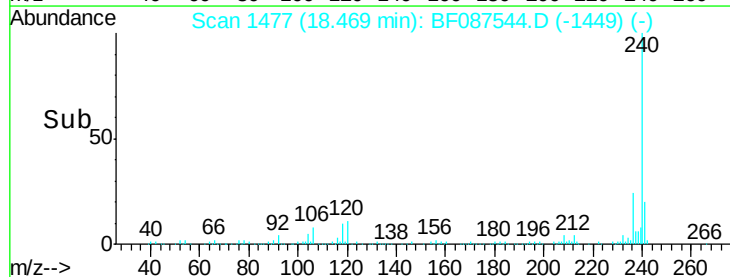
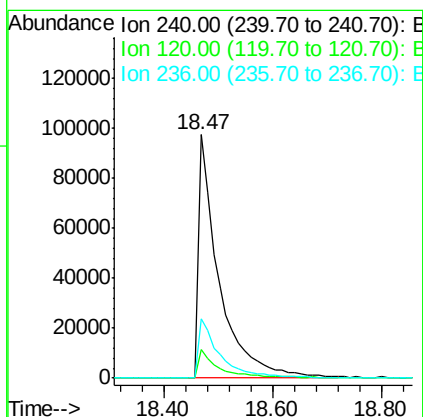
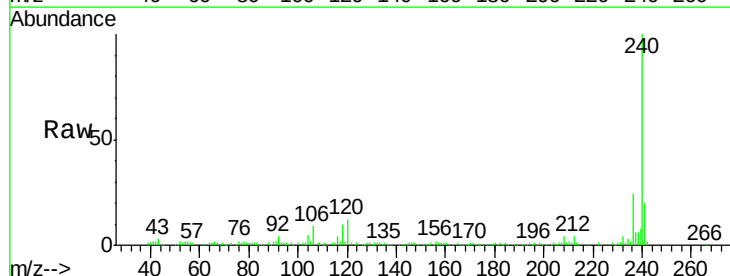
Instrument :
 BNA_F
 ClientSampleId :
 R1-MW1-GW

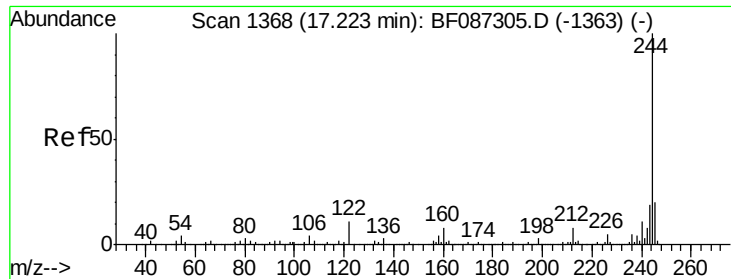
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	9.5	7.1	10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.47 min Scan# 1477
 Delta R.T. 0.02 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	11.2	16.8
236	24.1	21.2	31.8

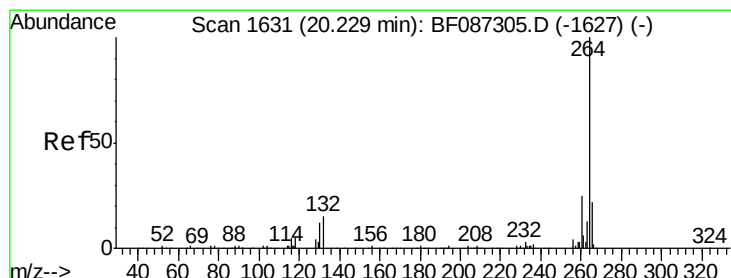
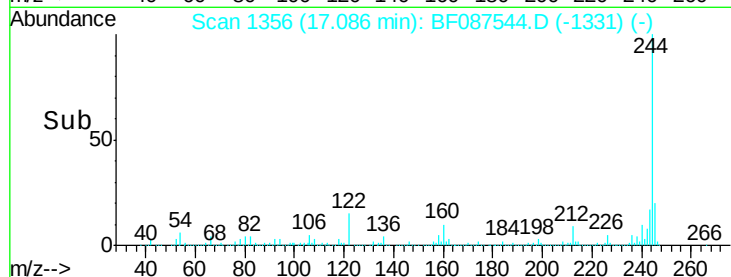
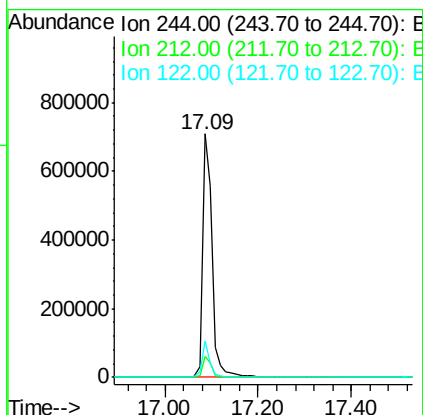
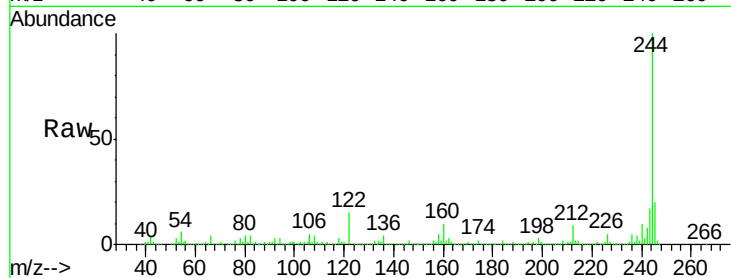




#78
 Terphenyl-d14
 Concen: 85.06 ng
 RT: 17.09 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

Instrument :
 BNA_F
 ClientSampleId :
 R1-MW1-GW

Tot Ion:244 Resp: 1015306
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.2 9.2
 122 14.6 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.16 min Scan# 1625
 Delta R.T. 0.03 min
 Lab File: BF087544.D
 Acq: 30 May 2016 11:20

Tgt Ion:264 Resp: 198175
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 17.3 25.9

