

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087626.D
 Acq On : 1 Jun 2016 20:17
 Operator : UM/SJ
 Sample : H3349-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-05

Quant Time: Jun 02 02:03:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	121461	20.00	ng	-0.10
21) Naphthalene-d8	9.45	136	463061	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	246316	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	392651	20.00	ng	-0.09
75) Chrysene-d12	18.40	240	334961	20.00	ng	-0.08
86) Perylene-d12	20.09	264	234228	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	457479	66.18	ng	-0.08
7) Phenol-d6	6.99	99	386783	41.41	ng	-0.08
23) Nitrobenzene-d5	8.34	82	876640	95.41	ng	-0.10
41) 2,4,6-Tribromophenol	13.59	330	330088	139.45	ng	-0.09
44) 2-Fluorobiphenyl	11.23	172	1416298	81.06	ng	-0.10
78) Terphenyl-d14	17.05	244	1420238	90.14	ng	-0.08

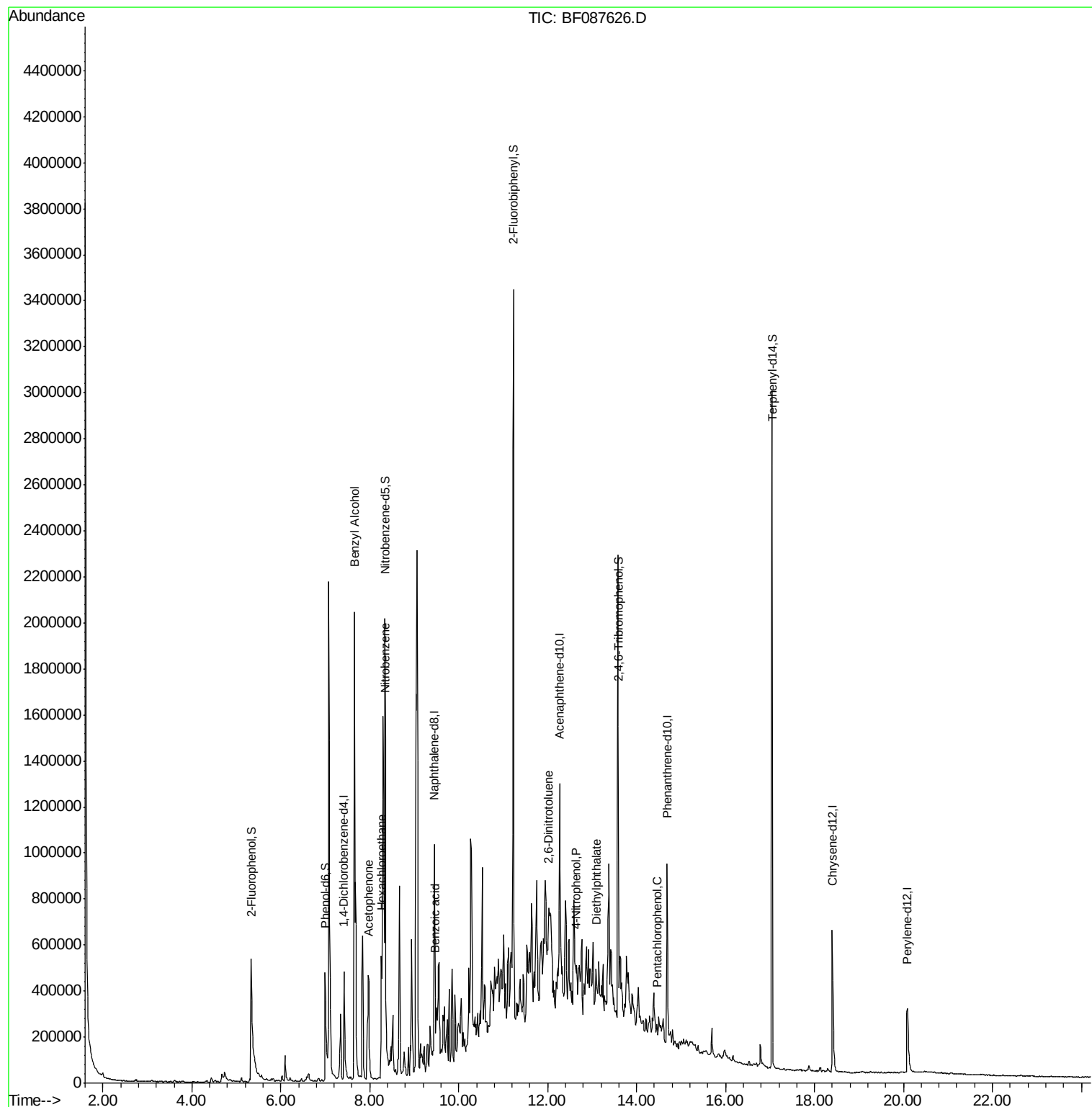
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.66	79	20319	2.98	ng	# 41
18) Hexachloroethane	8.26	117	200863	55.78	ng	# 6
22) Acetophenone	7.98	105	182456	16.49	ng	# 64
24) Nitrobenzene	8.35	77	23526	2.43	ng	# 24
32) Benzoic acid	9.47	122	2682	6.49	ng	# 1
50) 2,6-Dinitrotoluene	12.02	165	15665	3.94	ng	# 13
55) 4-Nitrophenol	12.64	139	15919	8.18	ng	# 72
59) Diethylphthalate	13.09	149	49234	2.57	ng	# 53
69) Pentachlorophenol	14.47	266	4030	8.84	ng	98

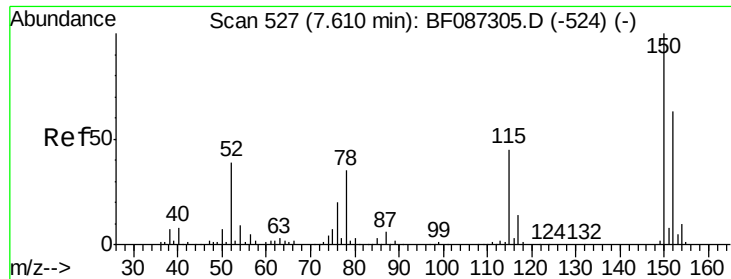
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087626.D
Acq On : 1 Jun 2016 20:17
Operator : UM/SJ
Sample : H3349-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-05

Quant Time: Jun 02 02:03:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration



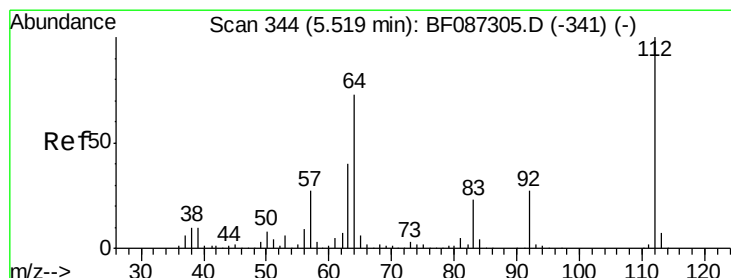
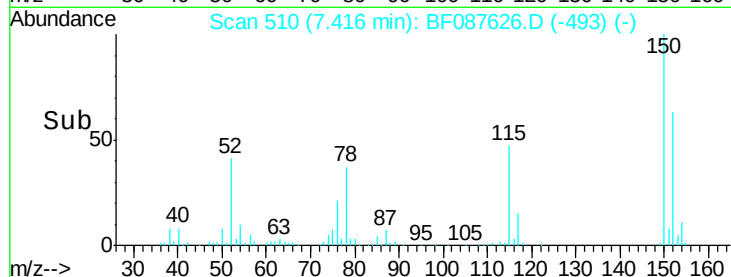
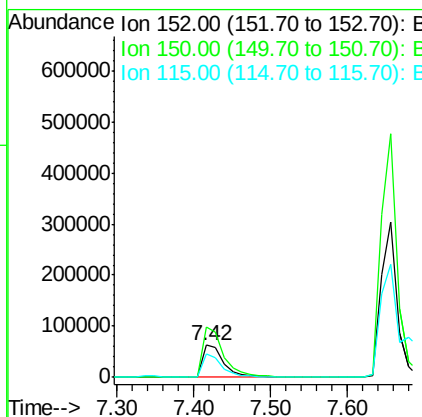
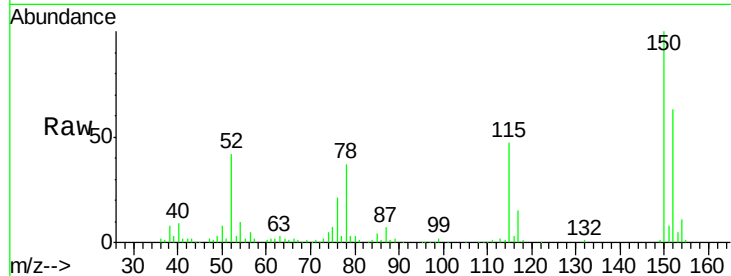


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.10 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
W-05

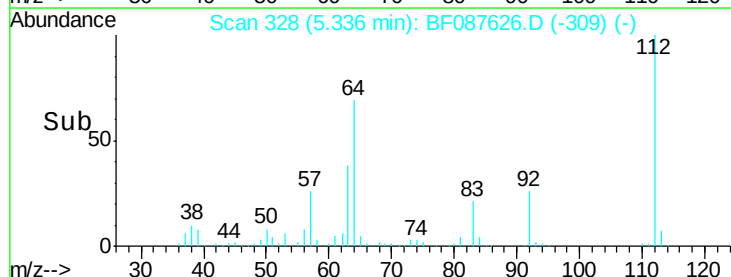
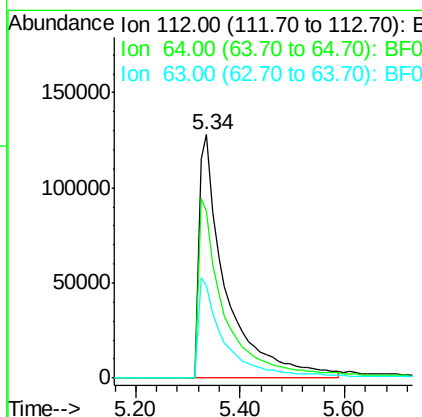
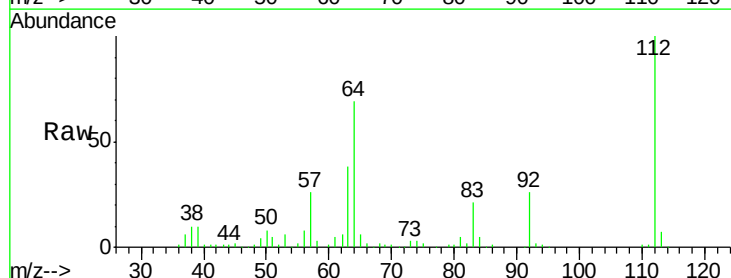
Tgt Ion:152 Resp: 121461
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 74.1 51.5 77.3

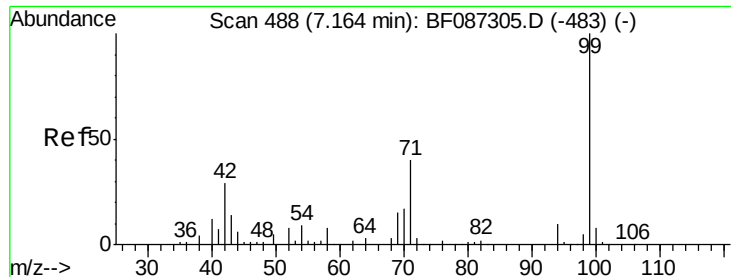


#5

2-Fluorophenol
Concen: 66.18 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.08 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Tgt Ion:112 Resp: 457479
Ion Ratio Lower Upper
112 100
64 68.6 52.1 78.1
63 38.2 25.7 38.5





#7

Phenol-d6

Concen: 41.41 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.08 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

W-05

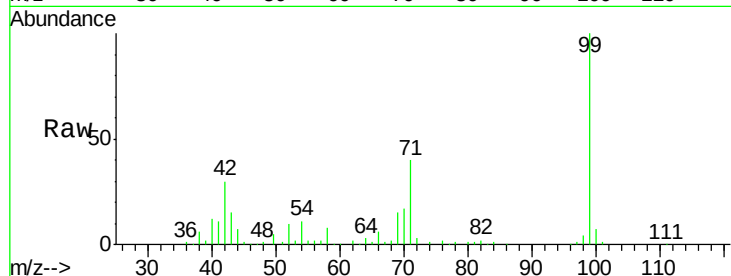
Tgt Ion: 99 Resp: 386783

Ion Ratio Lower Upper

99 100

42 29.5 13.6 20.4#

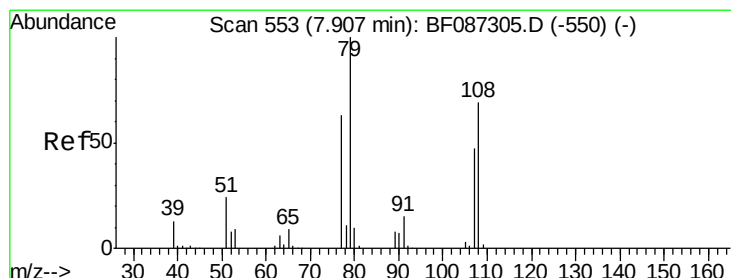
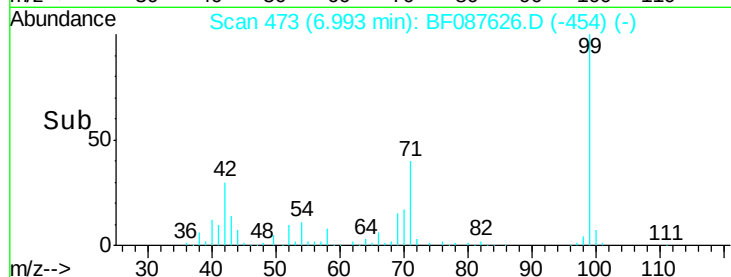
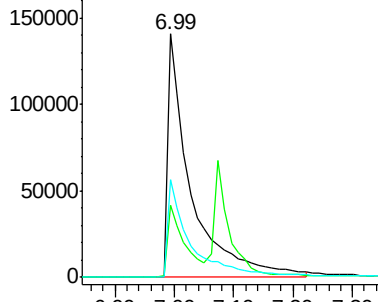
71 40.0 24.6 36.8#



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



#15

Benzyl Alcohol

Concen: 2.98 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.16 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

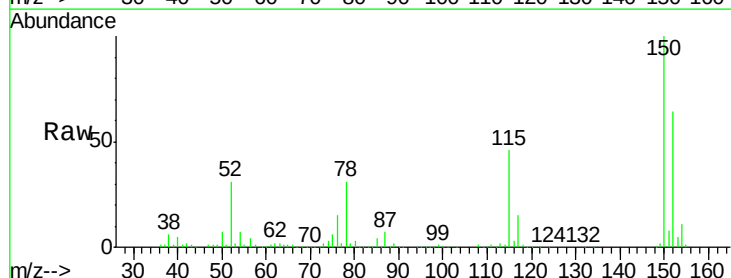
Tgt Ion: 79 Resp: 20319

Ion Ratio Lower Upper

79 100

108 30.2 68.4 102.6#

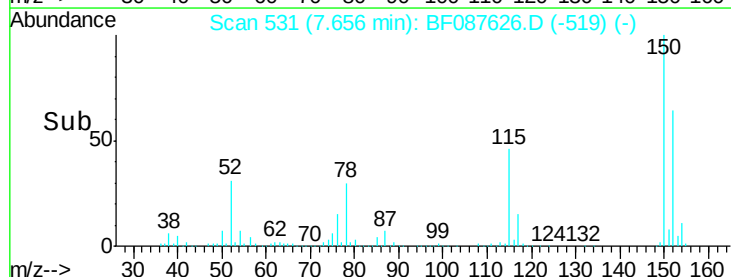
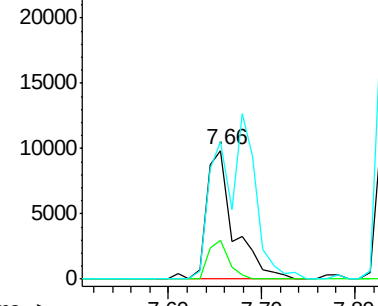
77 107.0 50.6 76.0#

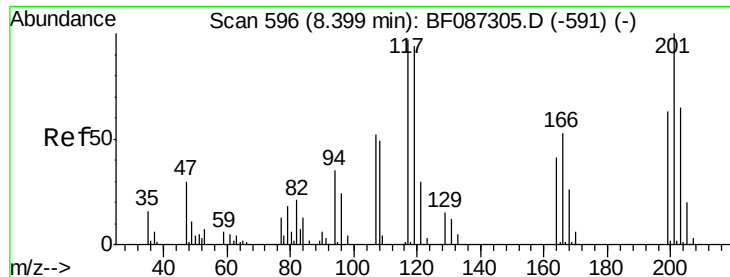


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

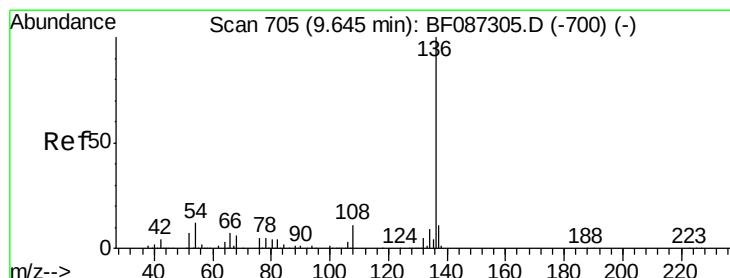
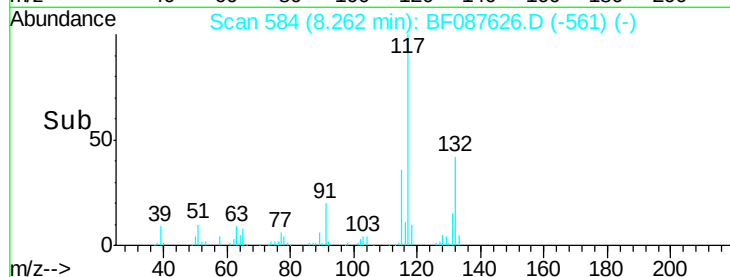
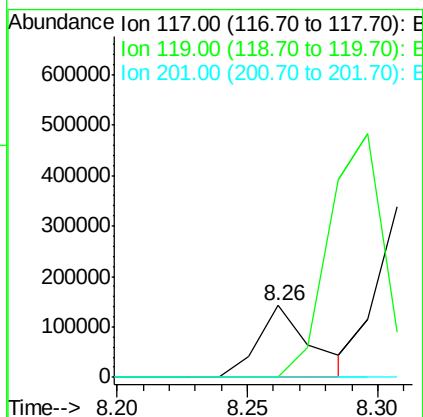
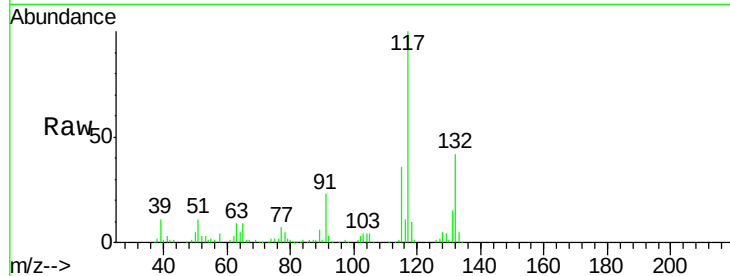




#18
Hexachloroethane
Concen: 55.78 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

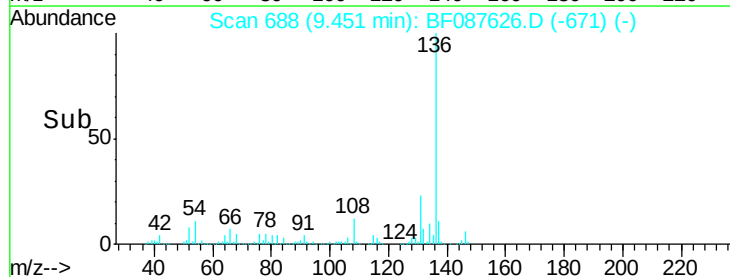
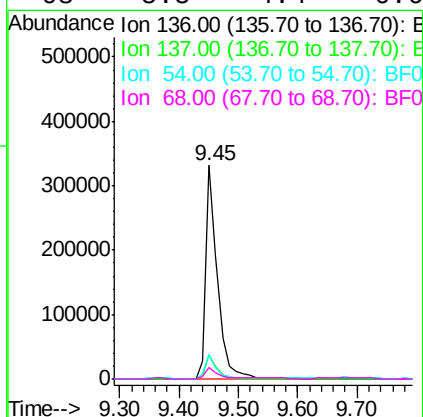
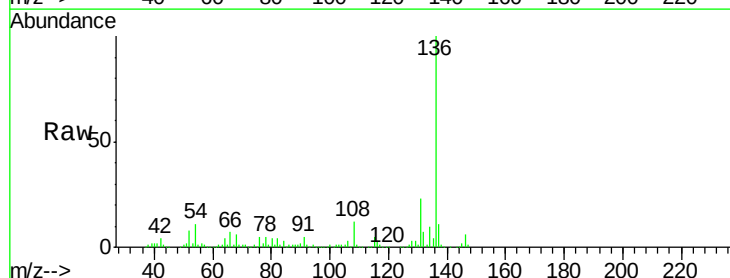
Instrument :
BNA_F
ClientSampleId :
W-05

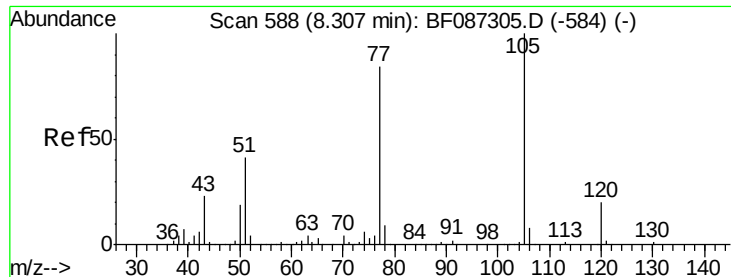
Tgt Ion:117 Resp: 200863
Ion Ratio Lower Upper
117 100
119 1.3 76.5 114.7#
201 0.0 63.0 94.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.10 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Tgt Ion:136 Resp: 463061
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.4 5.0 7.4#
68 5.5 4.4 6.6





#22

Acetophenone

Concen: 16.49 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.24 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampled :

W-05

Tgt Ion:105 Resp: 182456

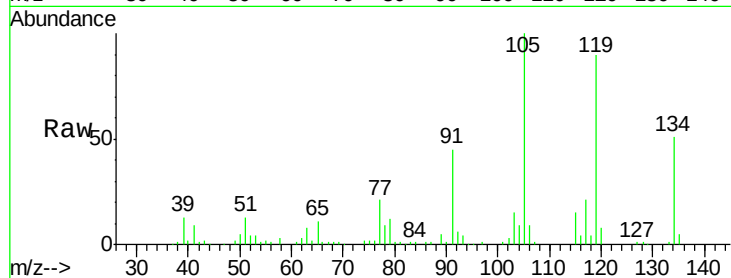
Ion Ratio Lower Upper

105 100

71 0.0 4.8 7.2#

51 13.3 32.6 49.0#

120 8.4 16.5 24.7#

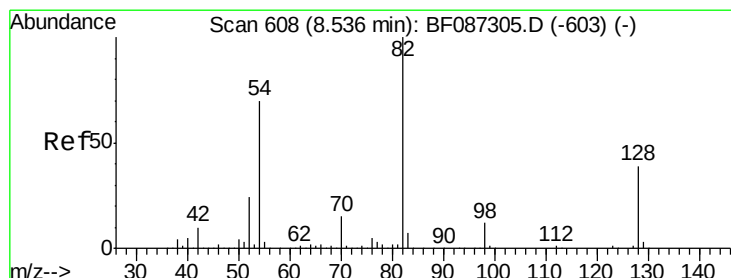
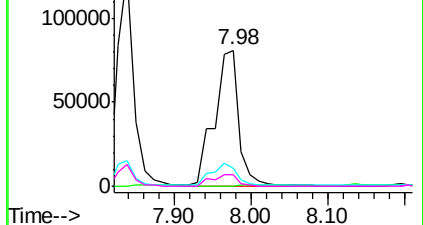
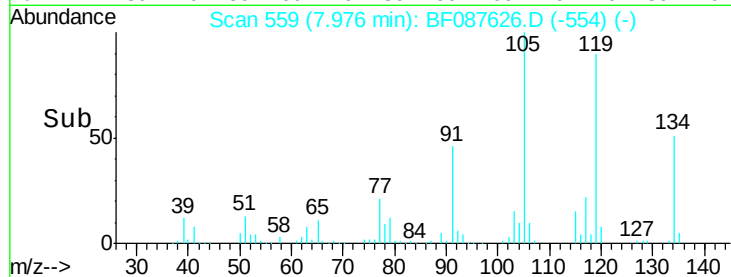


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.41 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

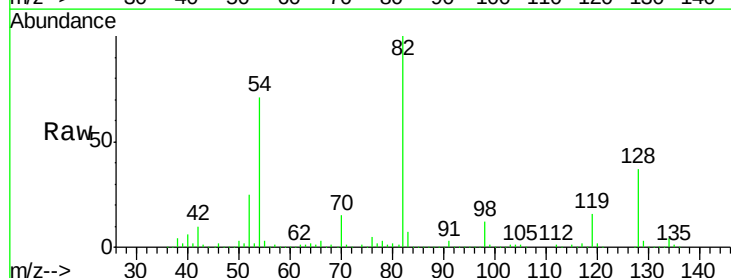
Tgt Ion: 82 Resp: 876640

Ion Ratio Lower Upper

82 100

128 37.5 40.6 61.0#

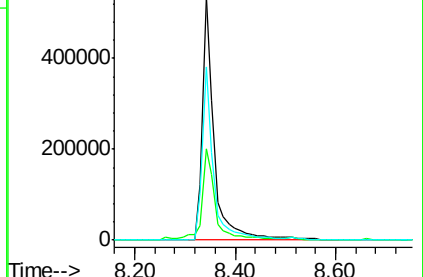
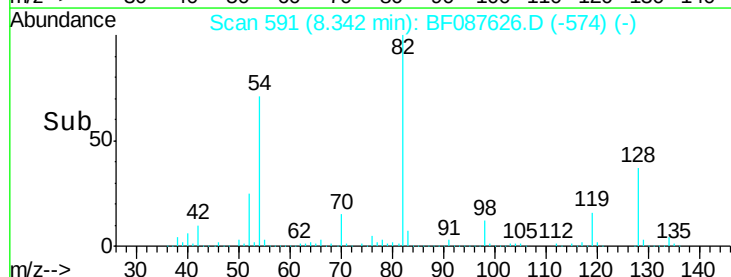
54 70.9 38.1 57.1#

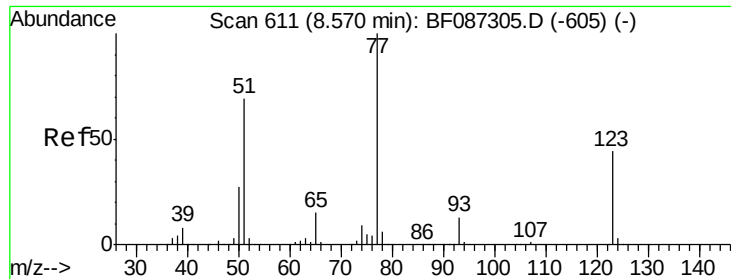


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 2.43 ng

RT: 8.35 min Scan# 592

Delta R.T. -0.13 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampled :

W-05

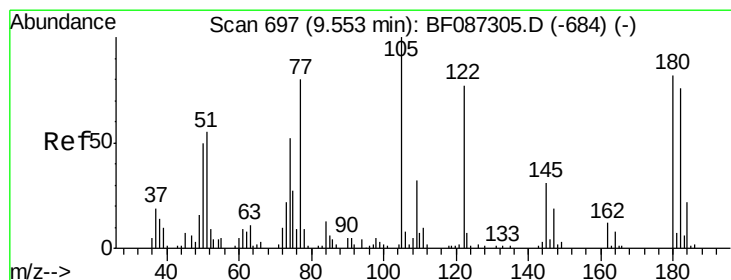
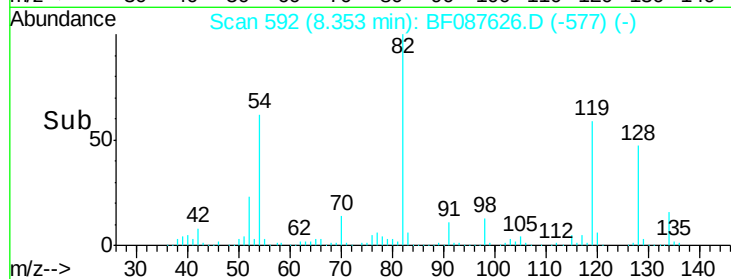
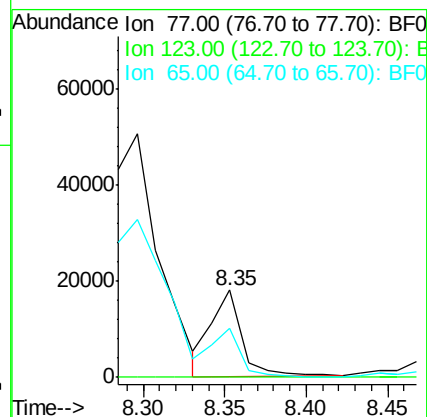
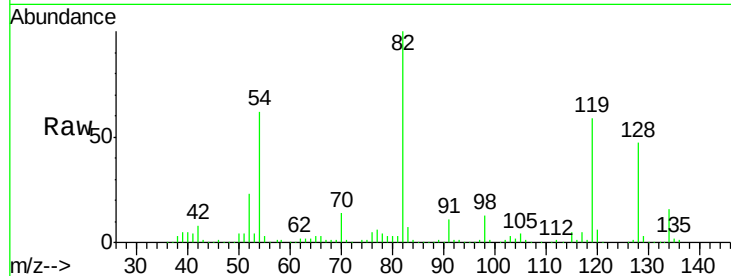
Tgt Ion: 77 Resp: 23526

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.4#

65 57.0 10.8 16.2#



#32

Benzoic acid

Concen: 6.49 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.02 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

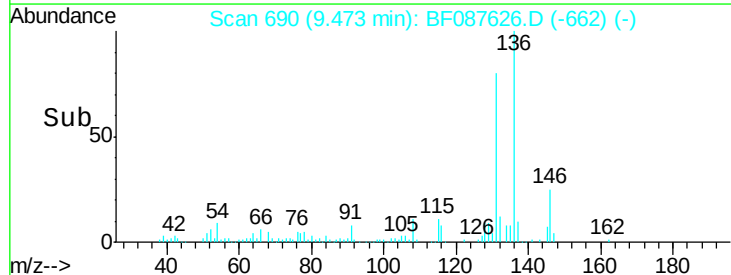
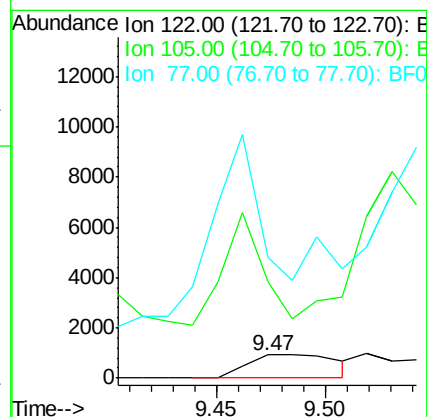
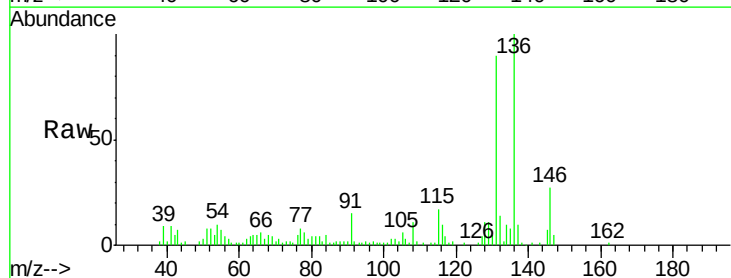
Tgt Ion: 122 Resp: 2682

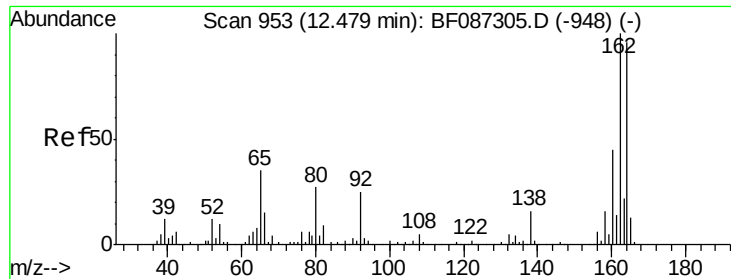
Ion Ratio Lower Upper

122 100

105 414.7 92.6 132.6#

77 515.1 60.0 100.0#

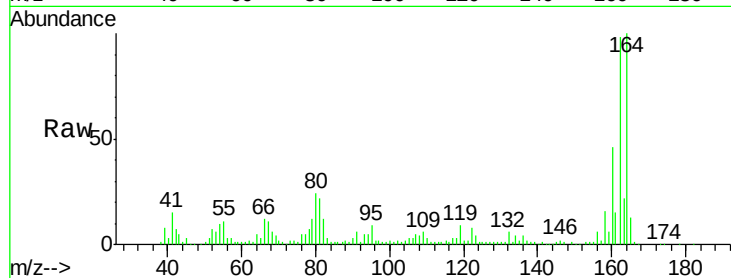




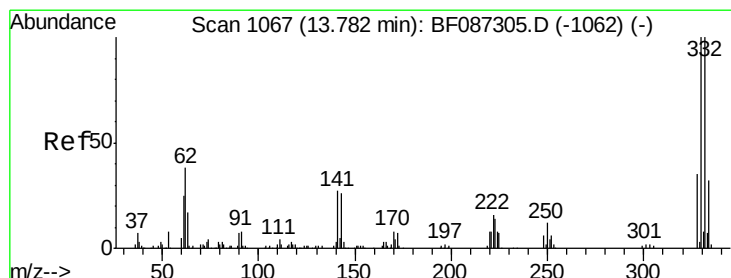
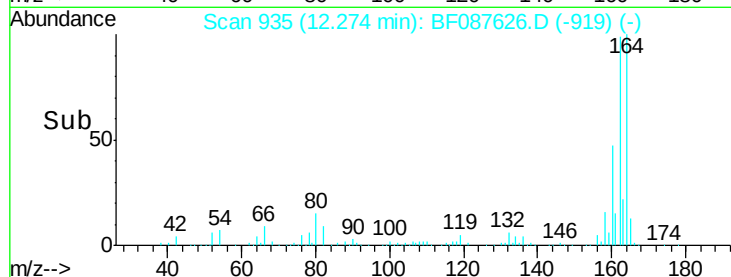
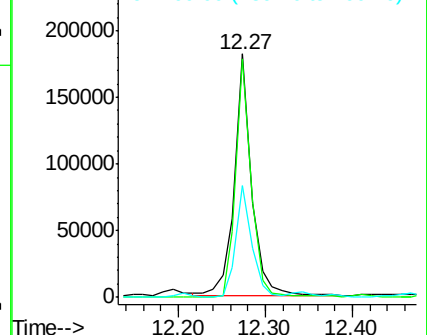
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.11 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Instrument :
BNA_F
ClientSampled :
W-05

Tgt Ion:164 Resp: 246316
Ion Ratio Lower Upper
164 100
162 98.0 82.8 124.2
160 45.9 36.9 55.3

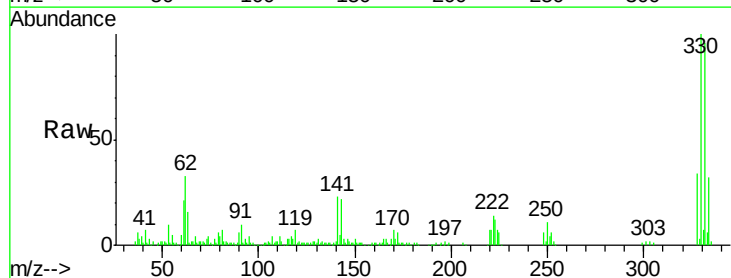


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

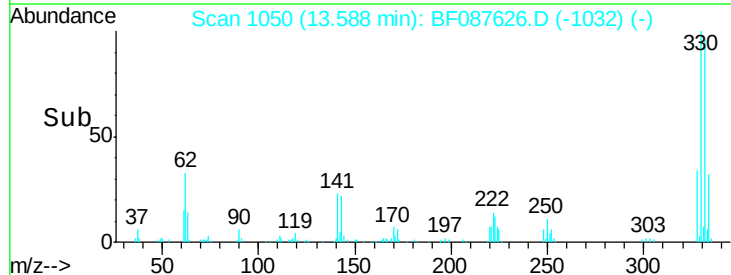
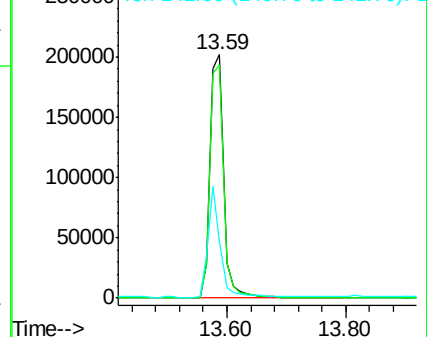


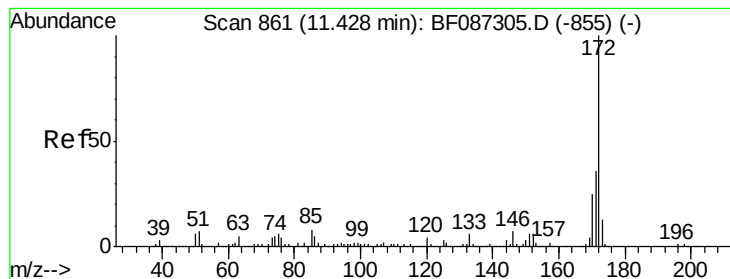
#41
2,4,6-Tribromophenol
Concen: 139.45 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.09 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Tgt Ion:330 Resp: 330088
Ion Ratio Lower Upper
330 100
332 96.8 79.0 118.4
141 40.9 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: 81.06 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.10 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

W-05

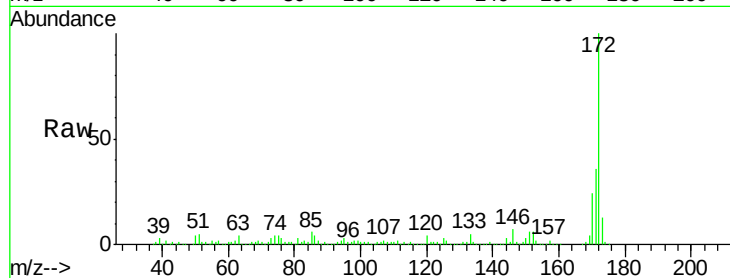
Tgt Ion:172 Resp: 1416298

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

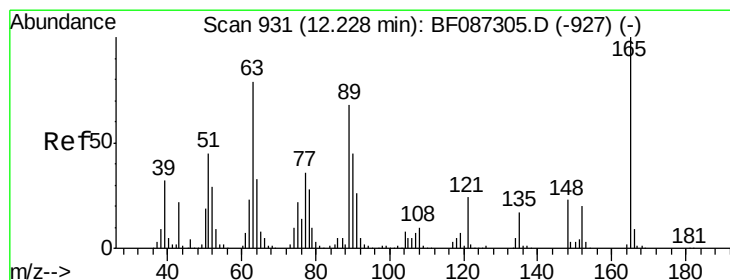
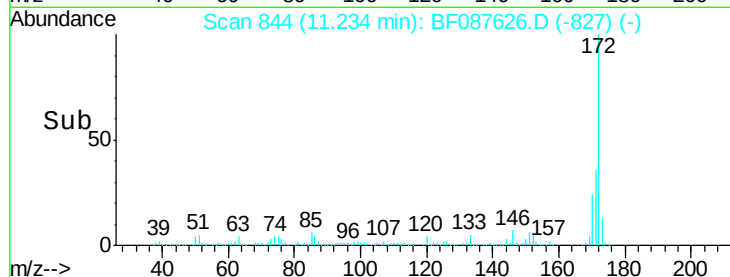
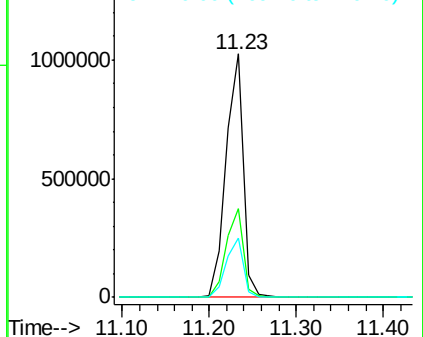
170 24.2 19.8 29.8



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



#50

2,6-Dinitrotoluene

Concen: 3.94 ng

RT: 12.02 min Scan# 913

Delta R.T. -0.11 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

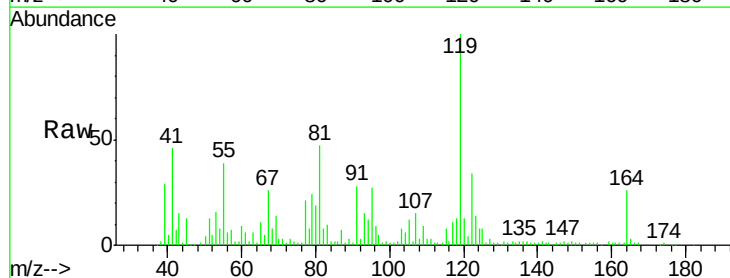
Tgt Ion:165 Resp: 15665

Ion Ratio Lower Upper

165 100

63 179.8 51.8 77.8#

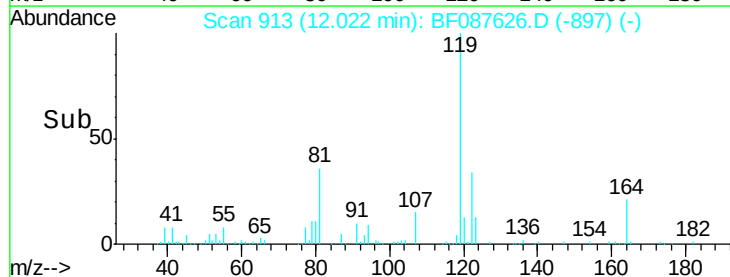
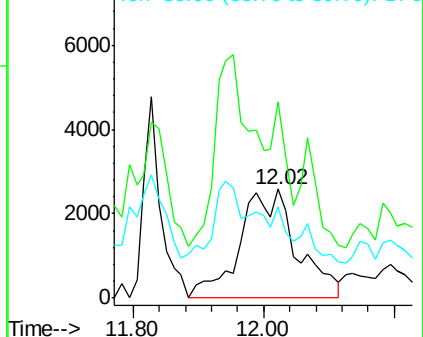
89 83.9 50.7 76.1#

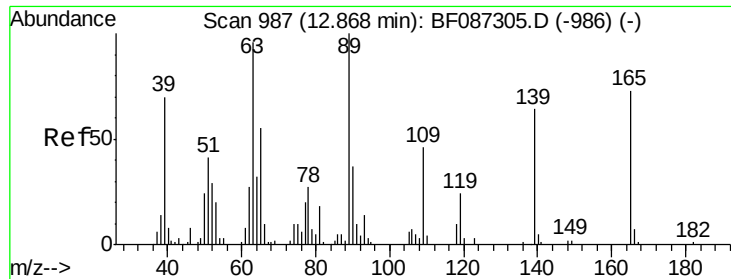


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#55

4-Nitrophenol

Concen: 8.18 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.14 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

W-05

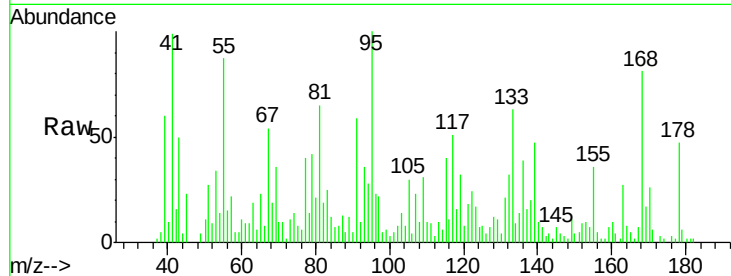
Tgt Ion:139 Resp: 15919

Ion Ratio Lower Upper

139 100

109 65.6 36.9 76.9

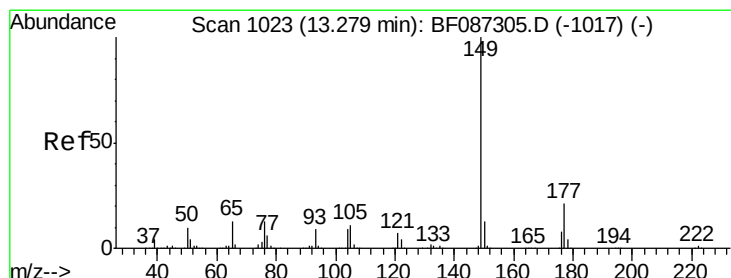
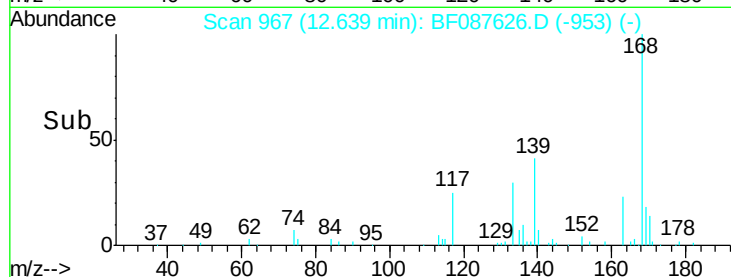
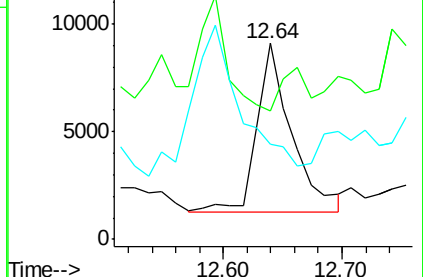
65 48.6 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#59

Diethylphthalate

Concen: 2.57 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.10 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

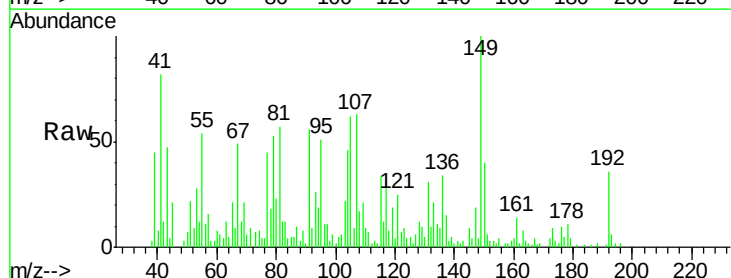
Tgt Ion:149 Resp: 49234

Ion Ratio Lower Upper

149 100

177 5.1 16.6 24.8#

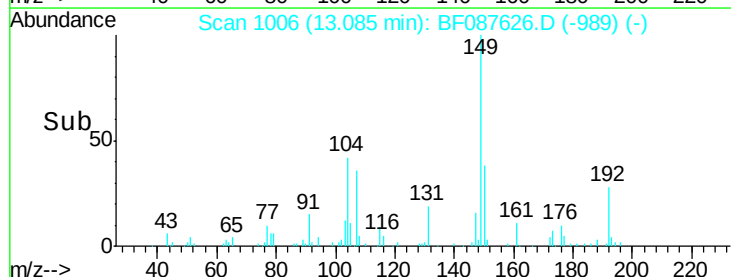
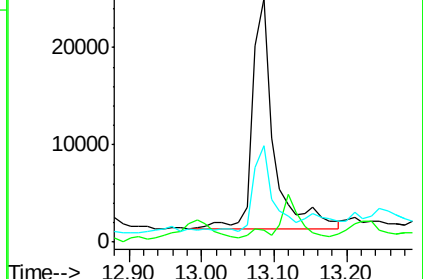
150 39.6 10.0 15.0#

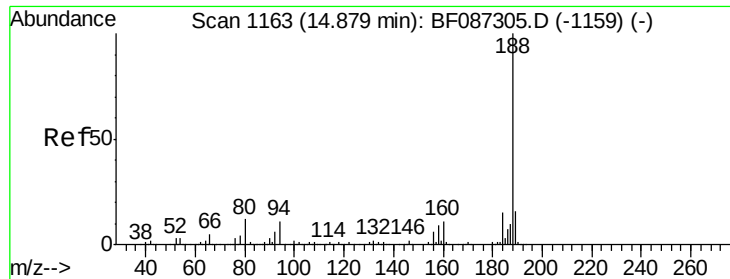


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

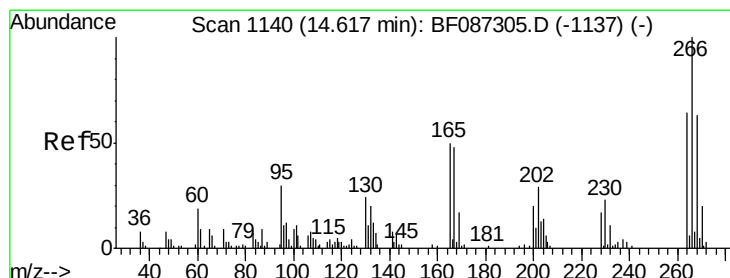
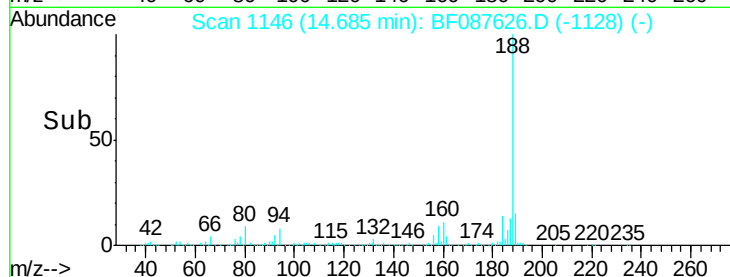
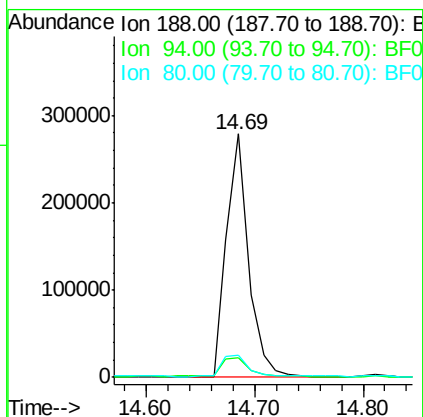
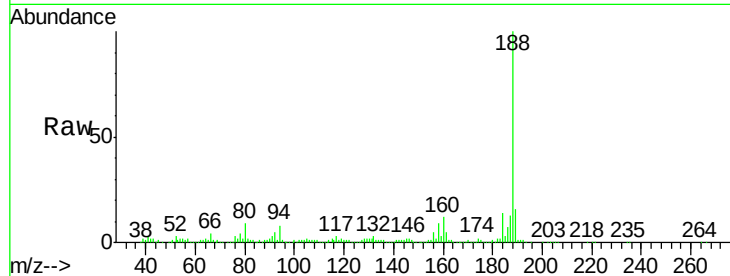




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

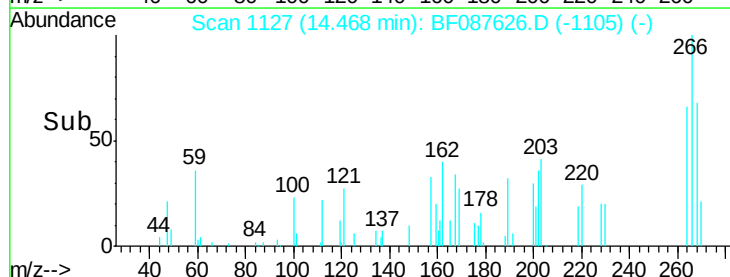
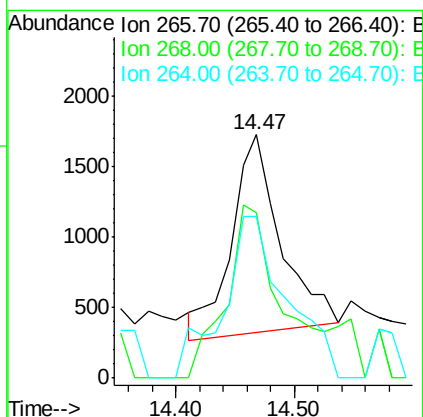
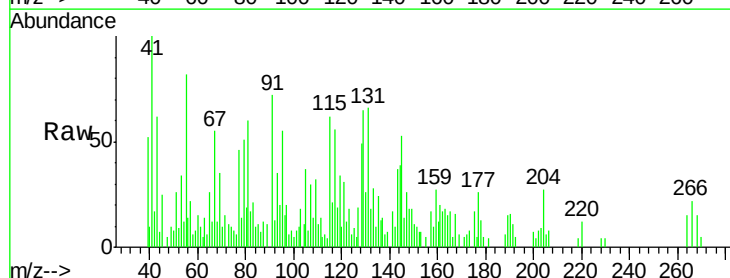
Instrument :
BNA_F
ClientSampleId :
W-05

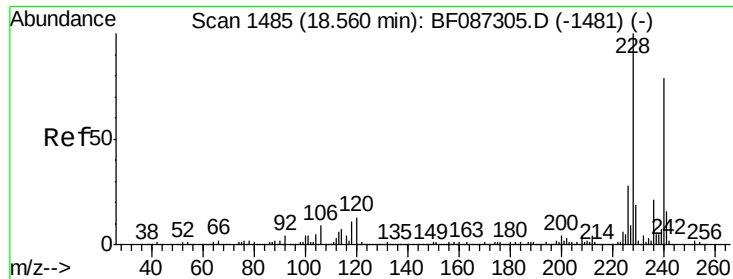
Tgt Ion:188 Resp: 392651
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.1 10.7



#69
Pentachlorophenol
Concen: 8.84 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Tgt Ion:266 Resp: 4030
Ion Ratio Lower Upper
266 100
268 67.8 51.5 77.3
264 66.2 52.9 79.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.08 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

Instrument :

BNA_F

ClientSampled :

W-05

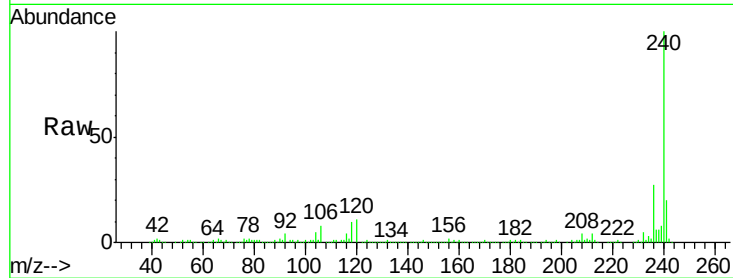
Tgt Ion:240 Resp: 334961

Ion Ratio Lower Upper

240 100

120 10.8 11.2 16.8#

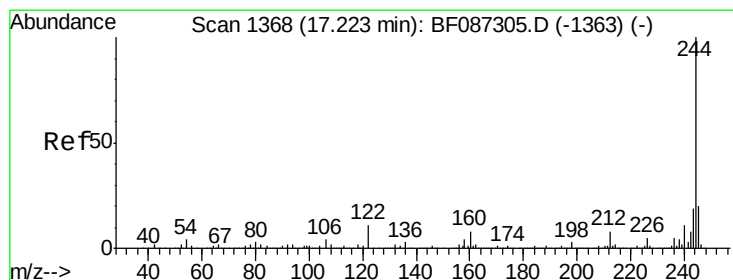
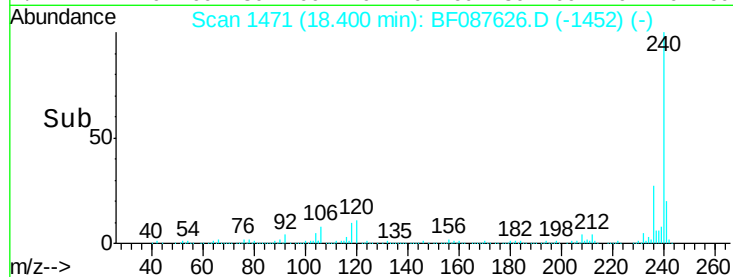
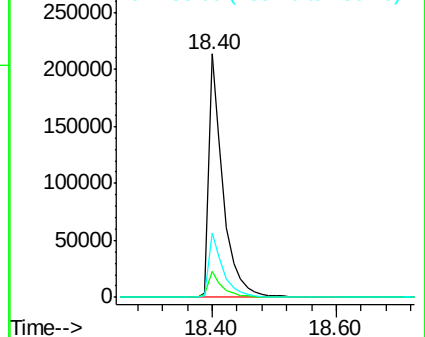
236 26.6 21.2 31.8



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: 90.14 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.08 min

Lab File: BF087626.D

Acq: 1 Jun 2016 20:17

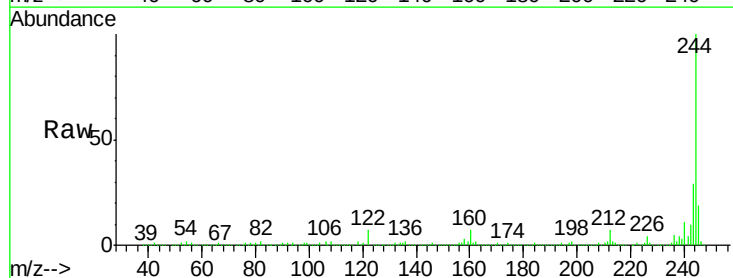
Tgt Ion:244 Resp: 1420238

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

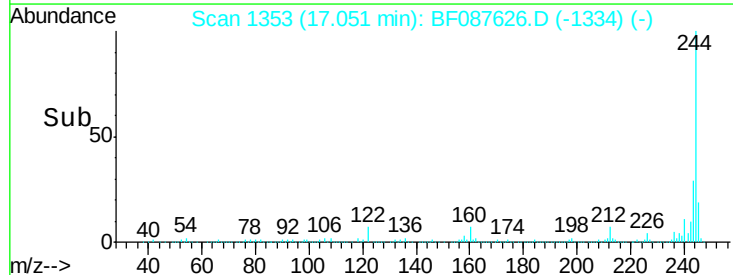
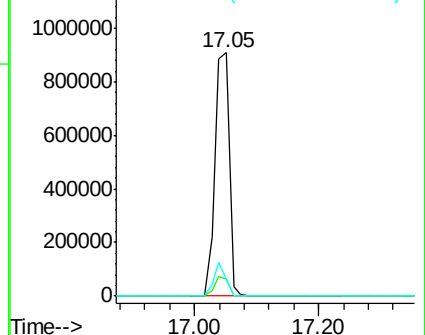
122 7.2 12.0 18.0#

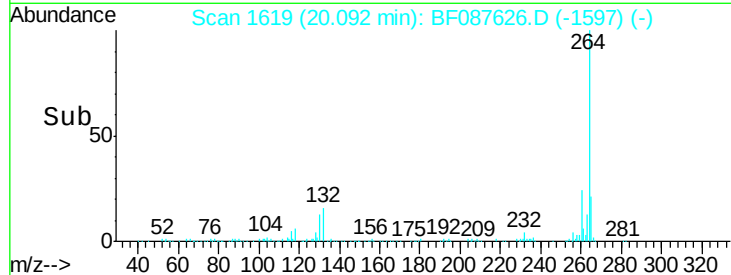
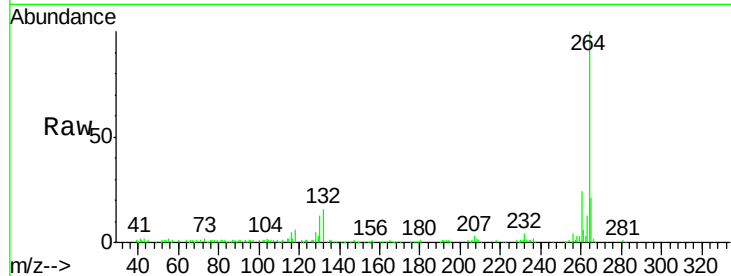
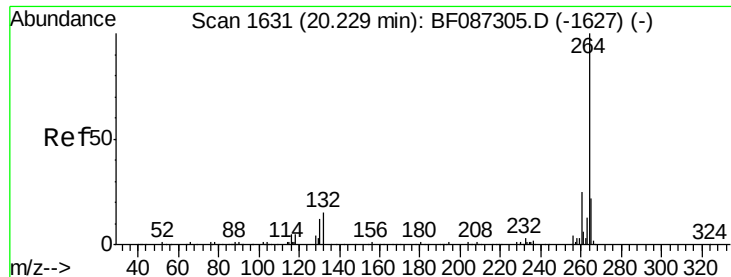


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.09 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF087626.D
Acq: 1 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
W-05

Tgt Ion:	264	Resp:	234228
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.3	17.3	25.9

