

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050216\
 Data File : BF086624.D
 Acq On : 2 May 2016 18:24
 Operator : UM/SJ
 Sample : H2716-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Quant Time: May 03 01:43:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

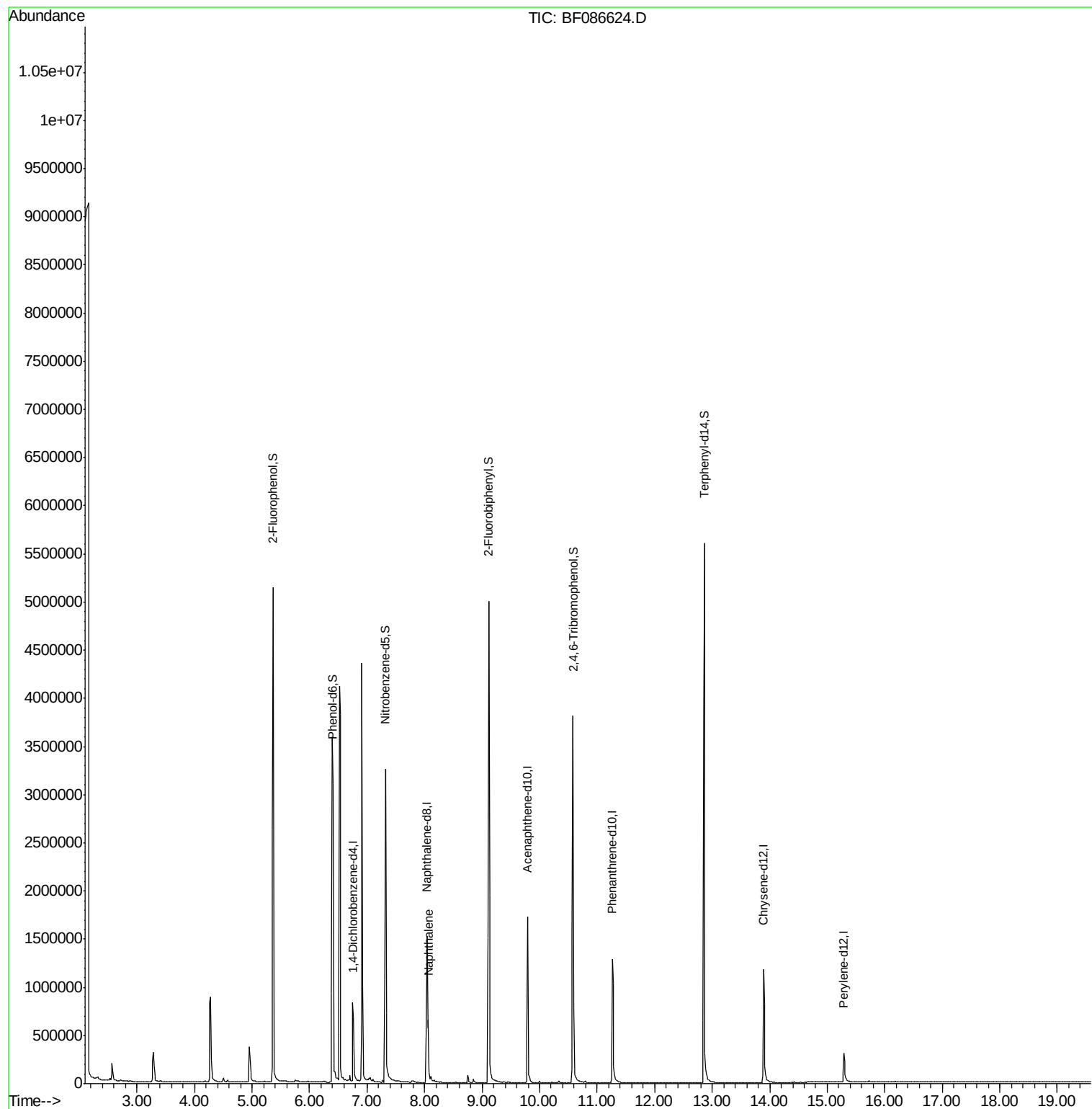
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	183037	20.00	ng	-0.05
21) Naphthalene-d8	8.04	136	786714	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	350678	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	745334	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	588722	20.00	ng	-0.07
86) Perylene-d12	15.29	264	86346	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1429094	134.67	ng	-0.02
7) Phenol-d6	6.41	99	1850247	124.93	ng	-0.03
23) Nitrobenzene-d5	7.32	82	1240971	85.02	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	537796	145.42	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	2026104	106.48	ng	-0.06
78) Terphenyl-d14	12.86	244	2403169	89.93	ng	-0.05
Target Compounds						
31) Naphthalene	8.06	128	391871	9.79	ng	Qvalue 99

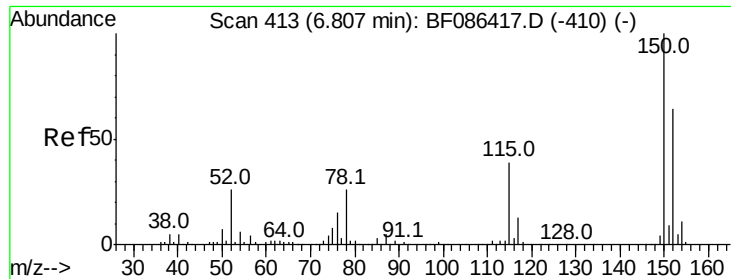
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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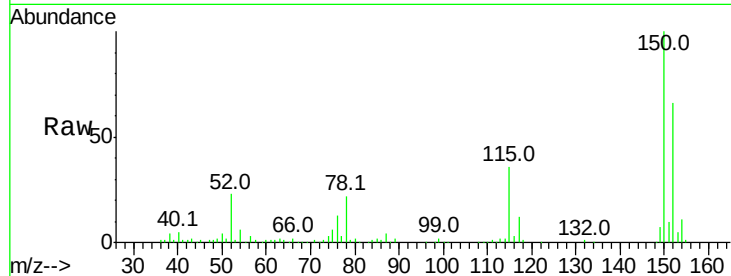


#1

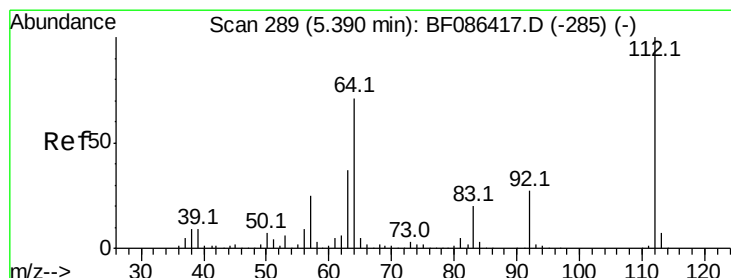
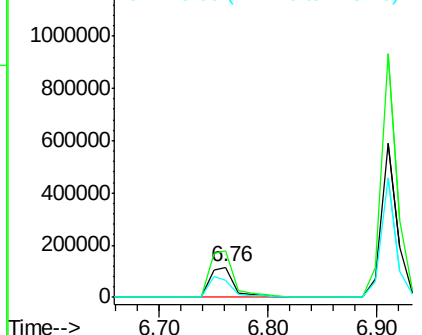
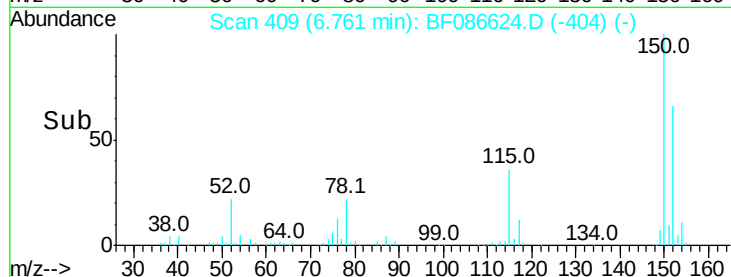
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Instrument :
BNA_F
ClientSampleId :
26WARD-5-CS-3(12-18FTBGS)

Tot Ion:152 Resp: 183037
Ion Ratio Lower Upper
152 100
150 151.1 125.8 188.6
115 54.8 51.5 77.3



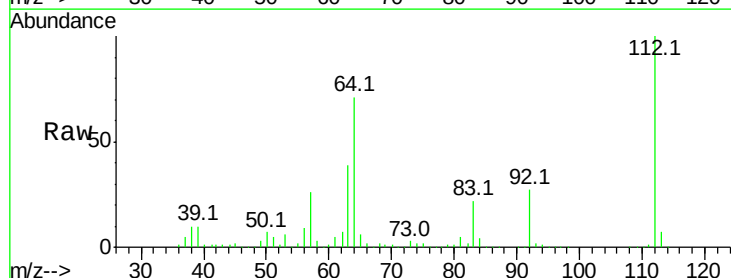
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



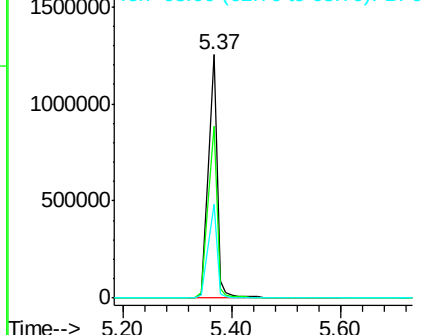
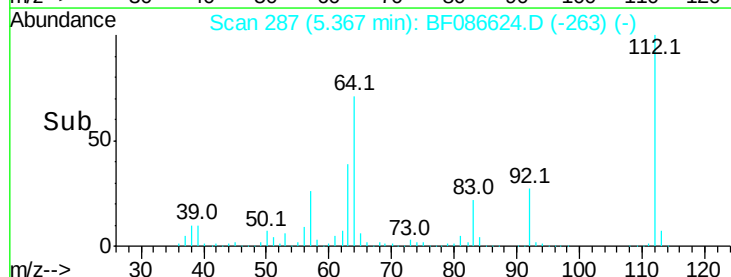
#5

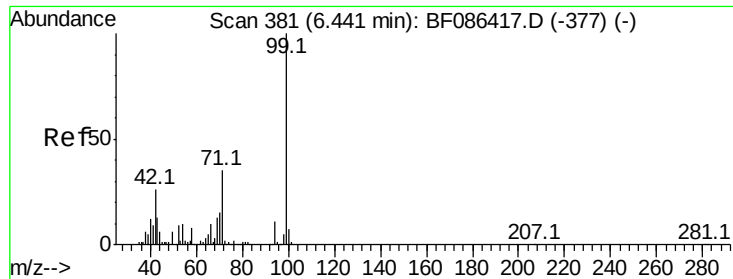
2-Fluorophenol
Concen: 134.67 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086624.D
Acq: 2 May 2016 18:24

Tgt Ion:112 Resp: 1429094
Ion Ratio Lower Upper
112 100
64 70.9 52.1 78.1
63 38.8 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: 124.93 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

Instrument :

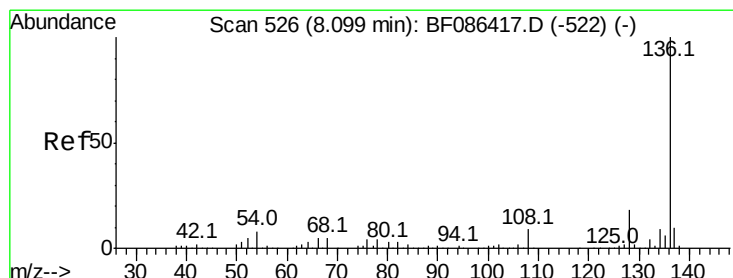
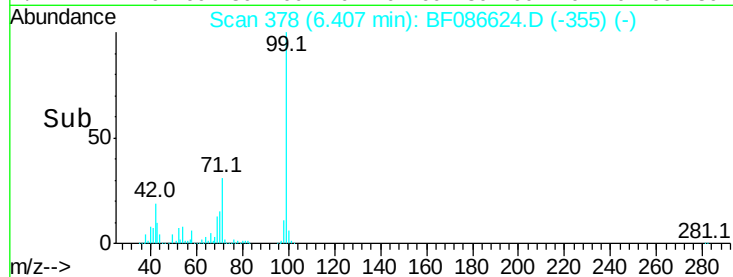
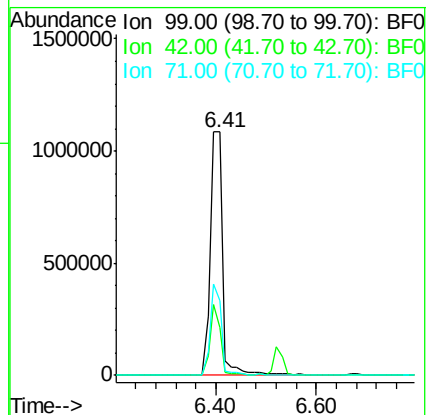
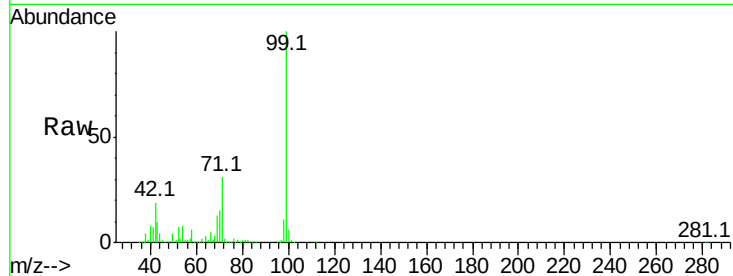
BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

Tot Ion: 99 Resp: 1850247

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.6	20.4
71	30.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

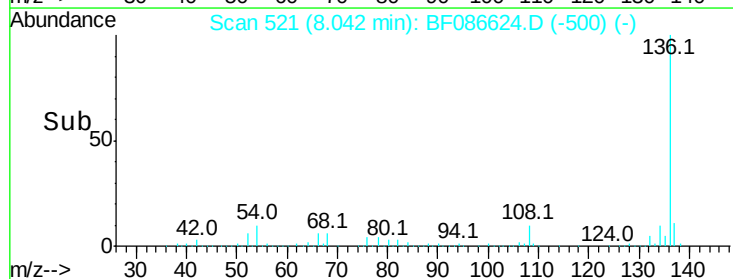
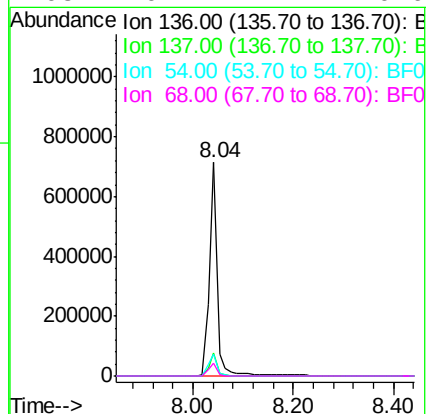
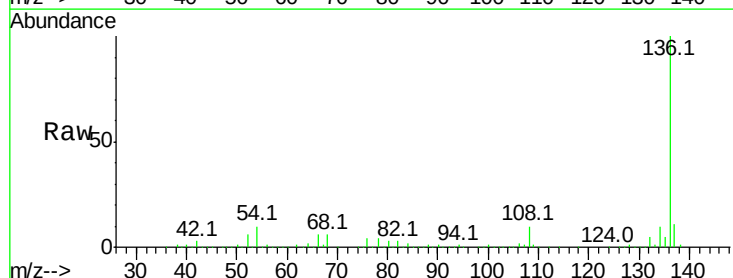
Delta R.T. -0.06 min

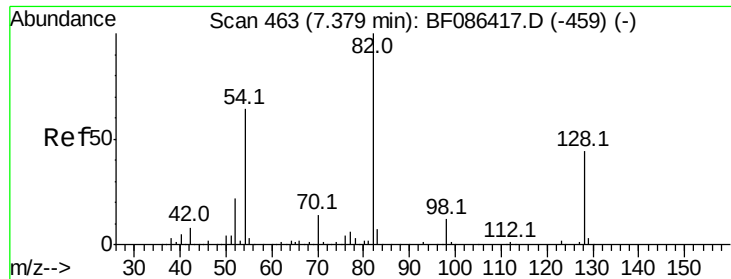
Lab File: BF086624.D

Acq: 2 May 2016 18:24

Tgt Ion: 136 Resp: 786714

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	5.0	7.4#
68	6.2	4.4	6.6





#23

Nitrobenzene-d5

Concen: 85.02 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

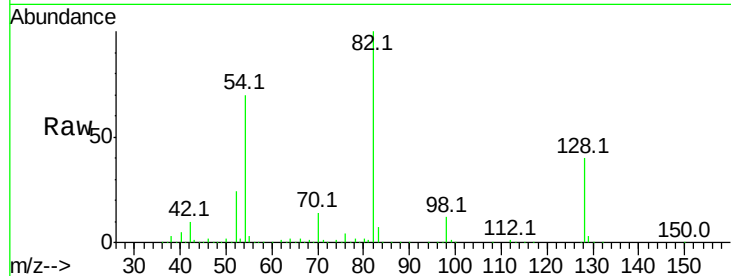
Tot Ion: 82 Resp: 1240971

Ion Ratio Lower Upper

82 100

128 39.5 40.6 61.0#

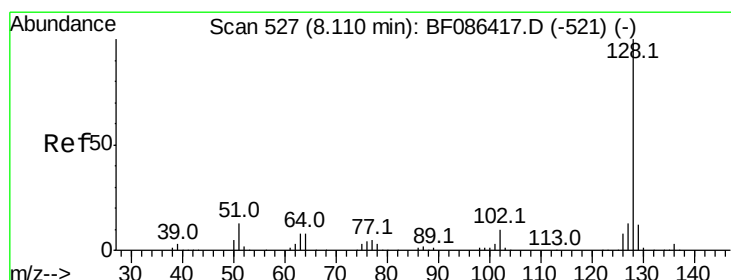
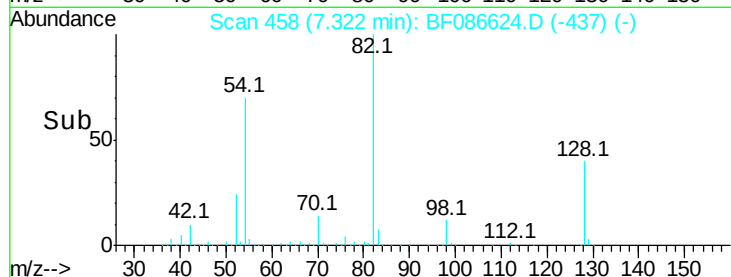
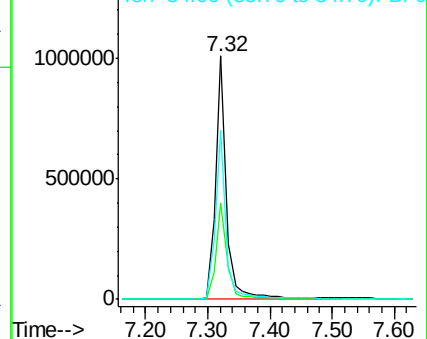
54 69.6 38.1 57.1#



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



#31

Naphthalene

Concen: 9.79 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.05 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

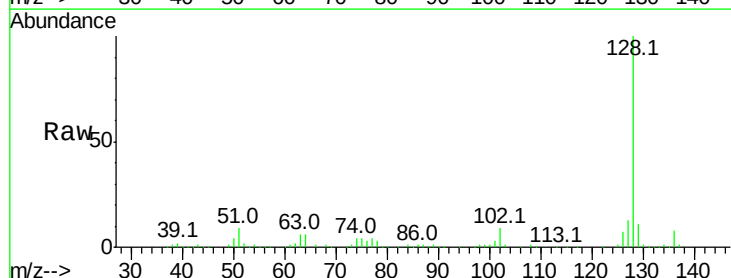
Tgt Ion: 128 Resp: 391871

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

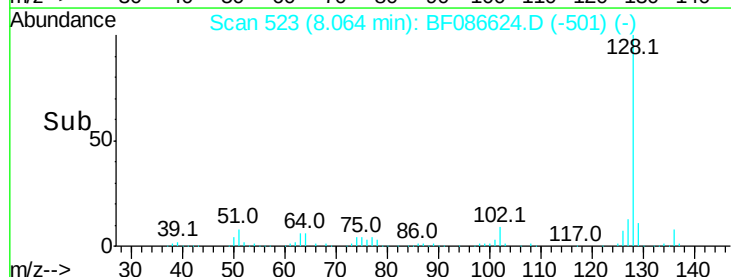
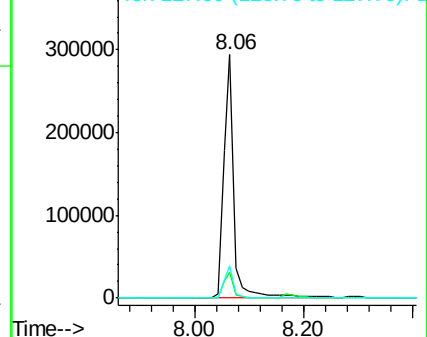
127 13.1 10.8 16.2

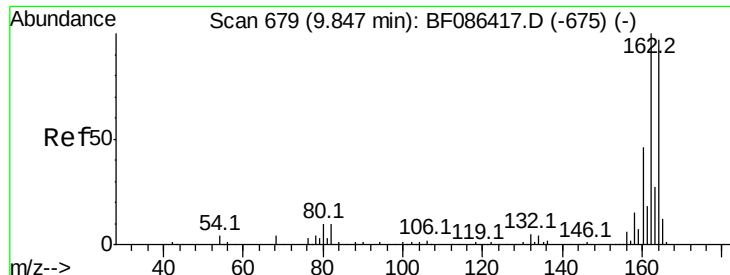


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

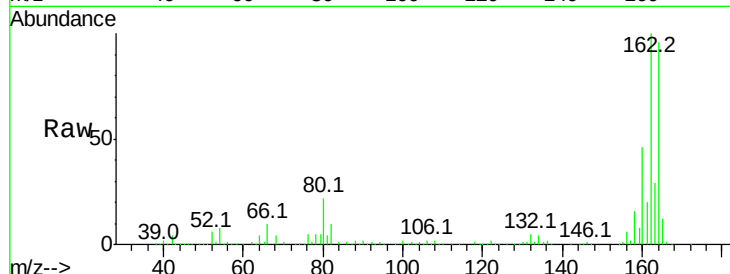




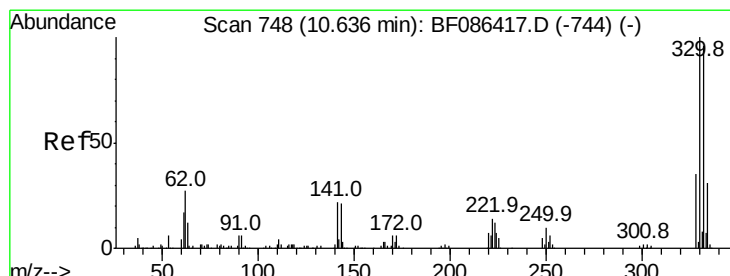
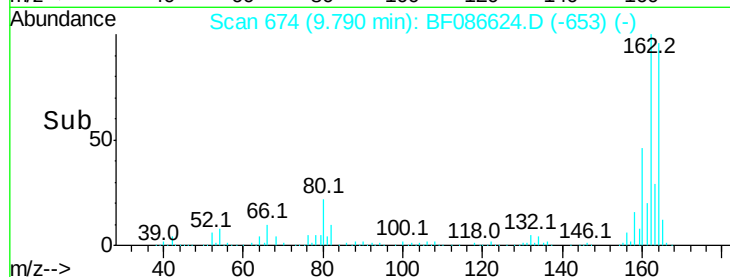
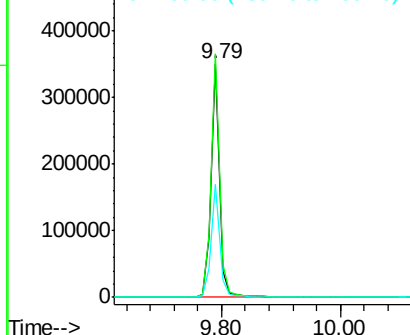
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.8	124.2
160	48.3	36.9	55.3

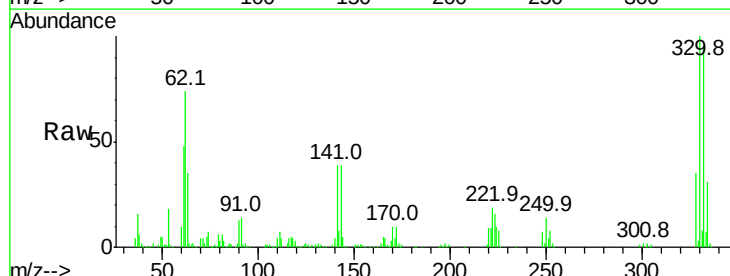


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

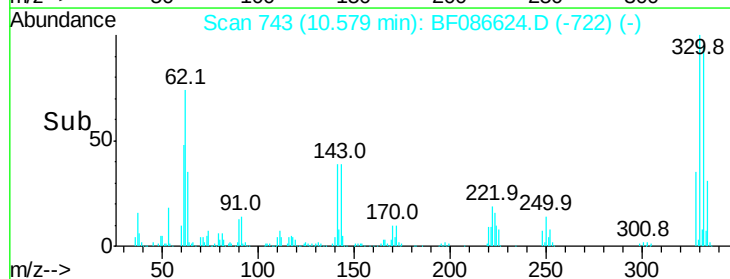
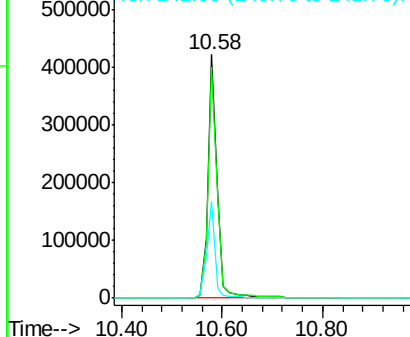


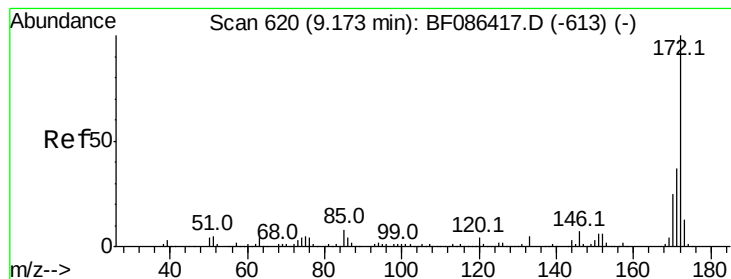
#41
 2,4,6-Tribromophenol
 Concen: 145.42 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	36.7	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

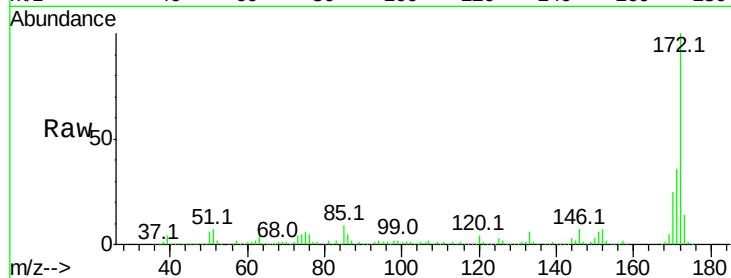




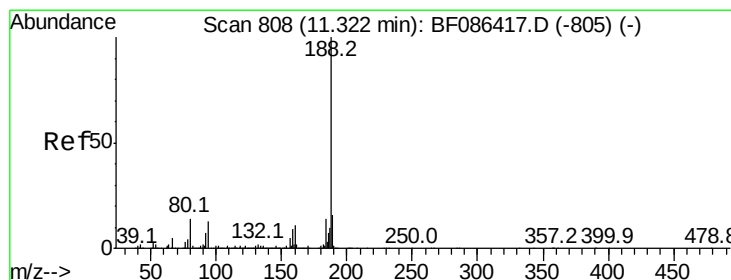
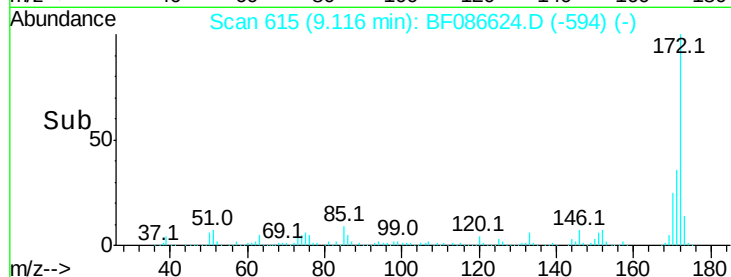
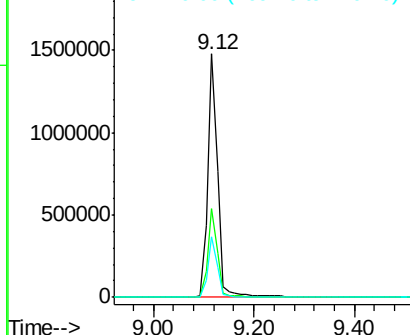
#44
 2-Fluorobiphenyl
 Concen: 106.48 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tot Ion:172 Resp: 2026104
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.9 19.8 29.8

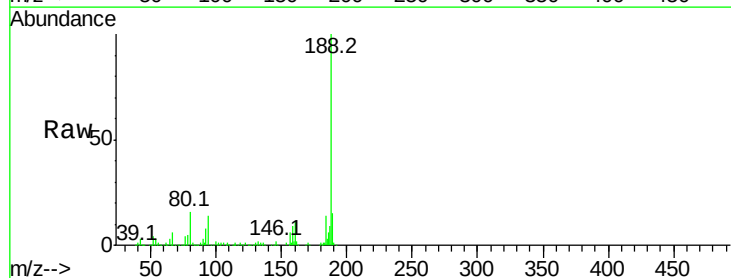


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

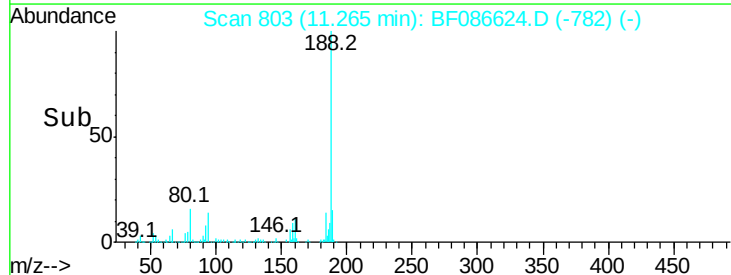
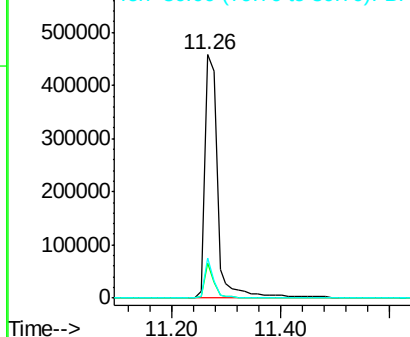


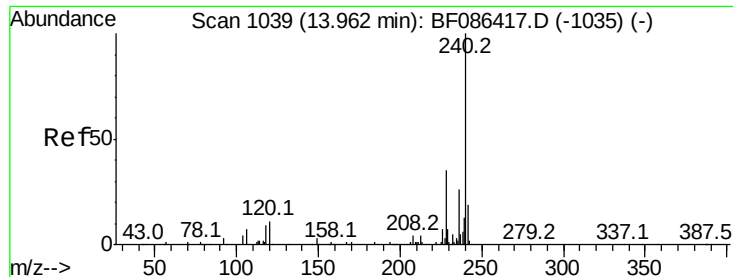
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Tgt Ion:188 Resp: 745334
 Ion Ratio Lower Upper
 188 100
 94 14.5 6.8 10.2#
 80 16.5 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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

26WARD-5-CS-3(12-18FTBGS)

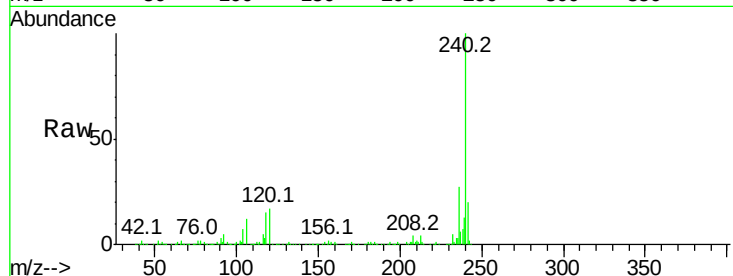
Tot Ion:240 Resp: 588722

Ion Ratio Lower Upper

240 100

120 17.2 11.2 16.8#

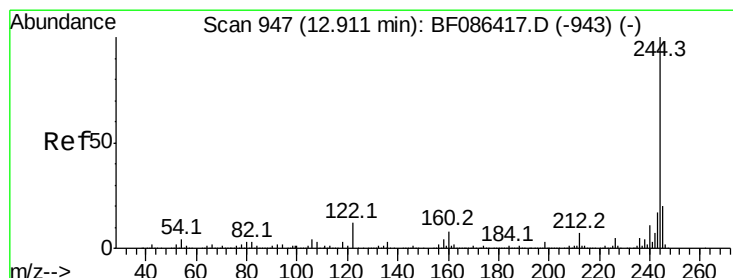
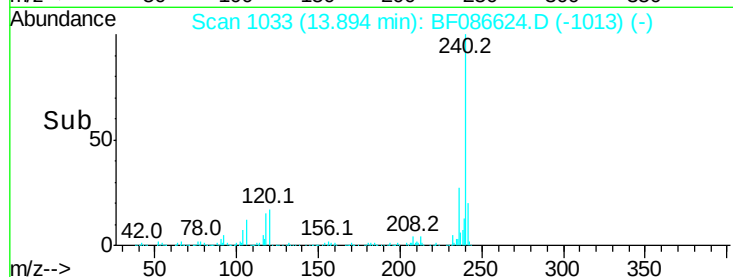
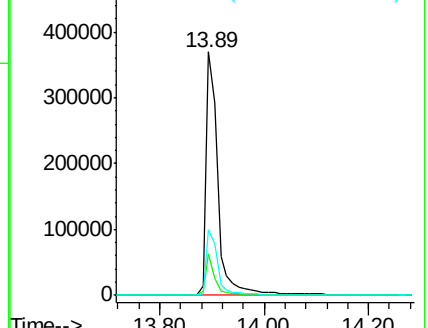
236 27.2 21.2 31.8



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: 89.93 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086624.D

Acq: 2 May 2016 18:24

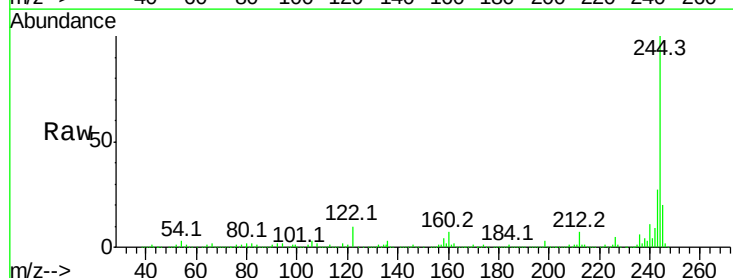
Tgt Ion:244 Resp: 2403169

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

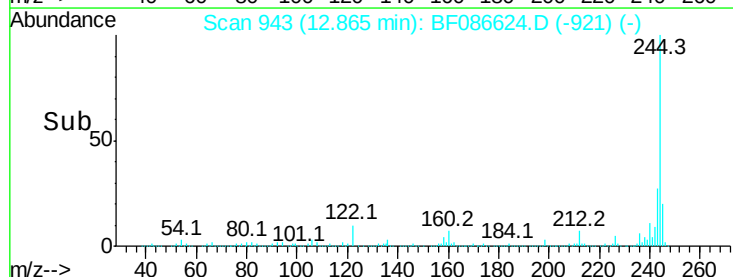
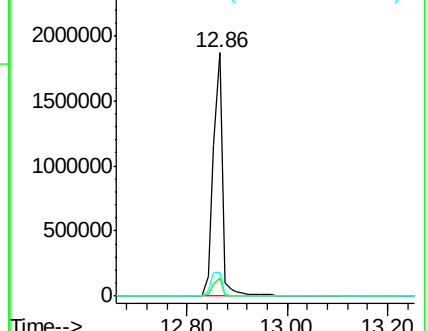
122 9.6 12.0 18.0#

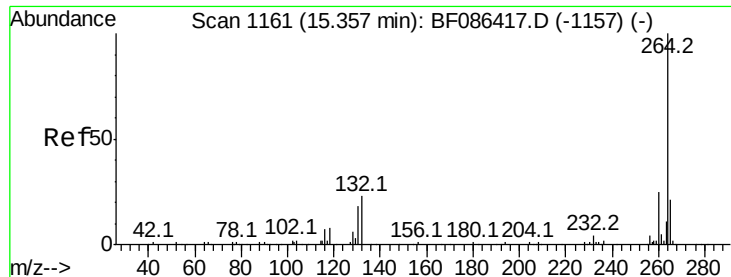


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

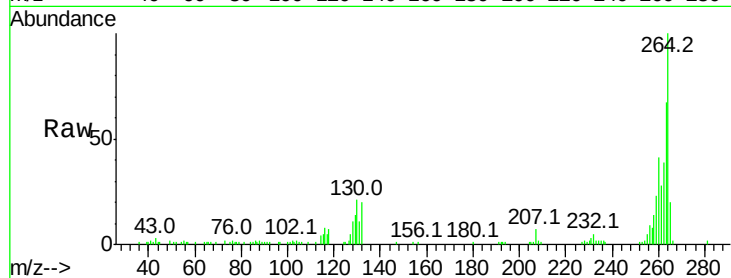




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.07 min
 Lab File: BF086624.D
 Acq: 2 May 2016 18:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-5-CS-3(12-18FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	40.8	19.5	29.3
265	20.4	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

