

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091543.D
 Acq On : 9 Dec 2016 22:38
 Operator : UM/SJ
 Sample : H5917-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Quant Time: Dec 12 13:21:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	479315	40.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1938953	40.00	ng	0.00
38) Acenaphthene-d10	9.85	164	942532	40.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	1606921	40.00	ng	0.00
75) Chrysene-d12	13.96	240	1183452	40.00	ng	0.00
86) Perylene-d12	15.38	264	1041849	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1131433	79.54	ng	0.00
7) Phenol-d6	6.45	99	1022773	57.67	ng	0.00
23) Nitrobenzene-d5	7.38	82	1843104	106.11	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	719969	183.93	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	3129415	114.74	ng	0.00
78) Terphenyl-d14	12.92	244	2641381	101.29	ng	0.00

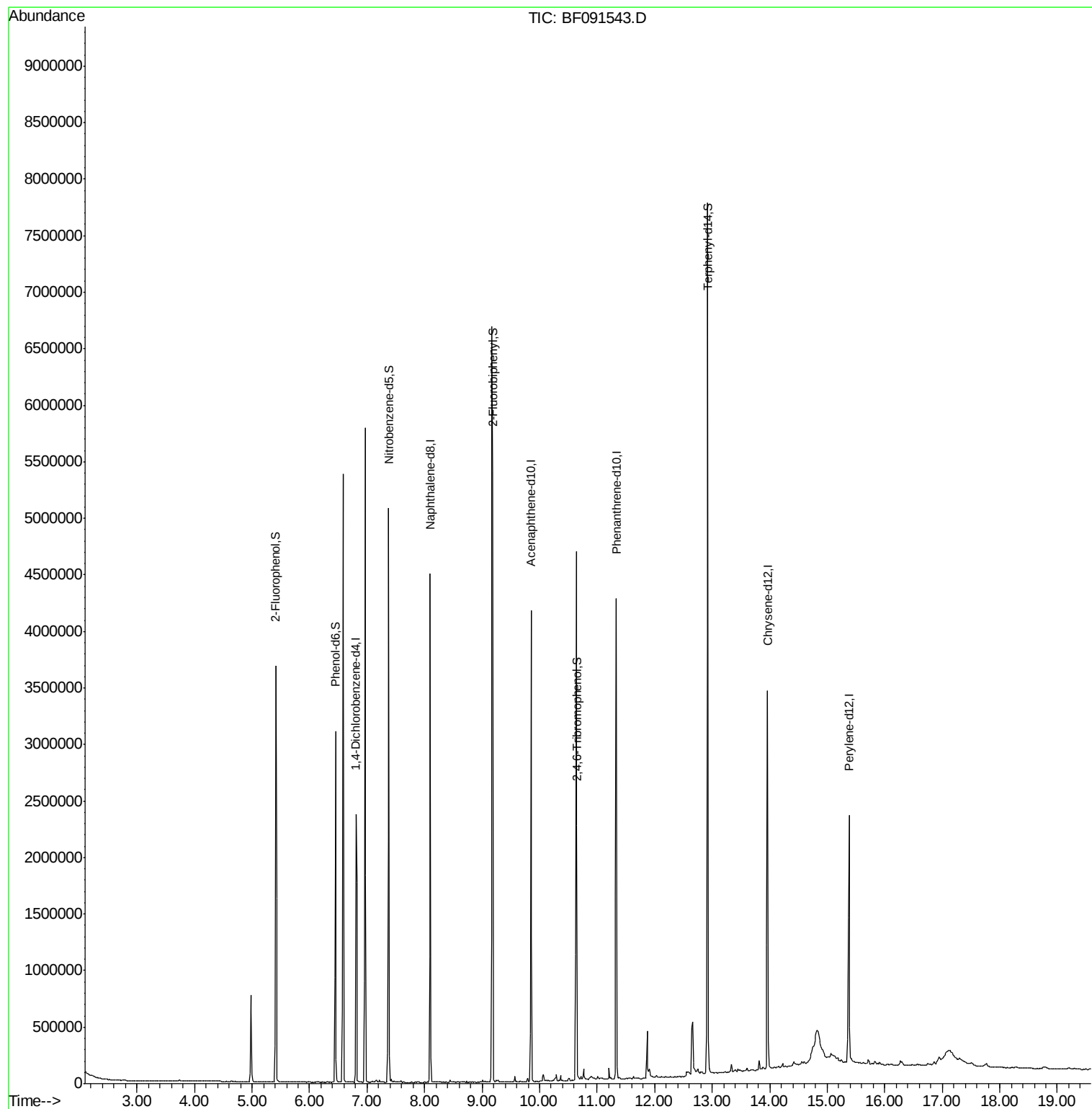
Target Compounds Qvalue

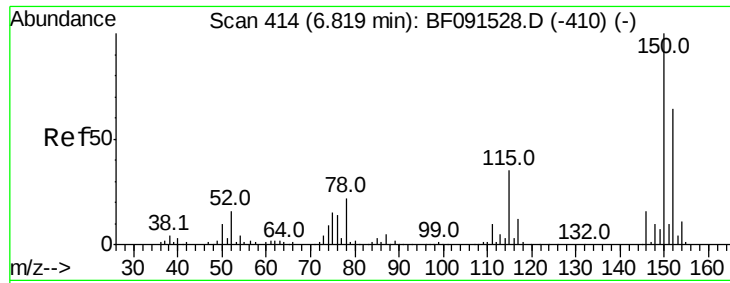
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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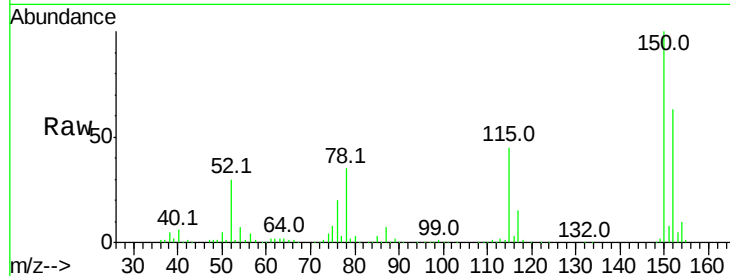


#1

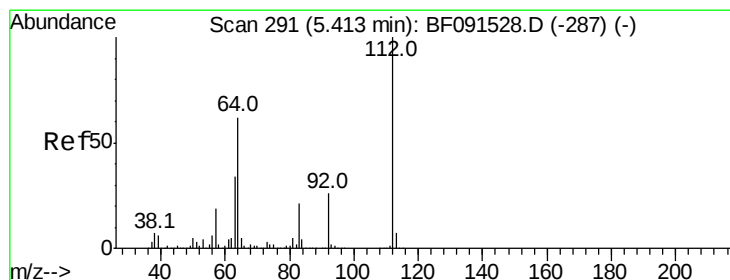
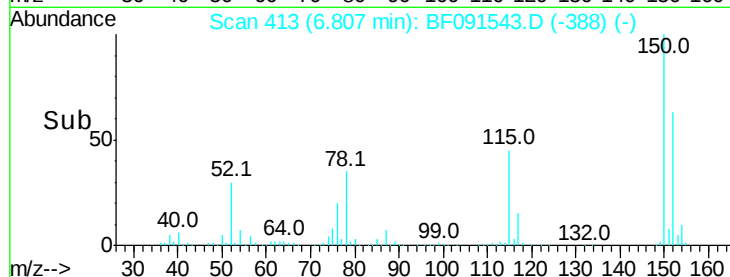
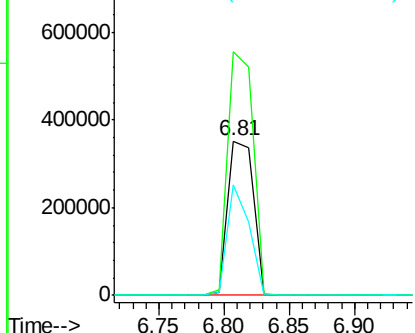
1,4-Dichlorobenzene-d4
 Concen: 40.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF091543.D
 Acq: 9 Dec 2016 22:38

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

Tot Ion:152 Resp: 479315
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.5 183.7
 115 71.7 51.8 77.8



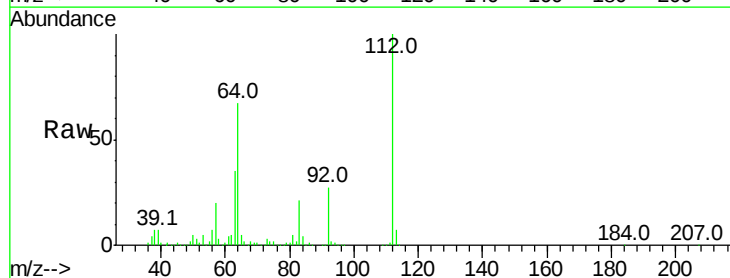
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



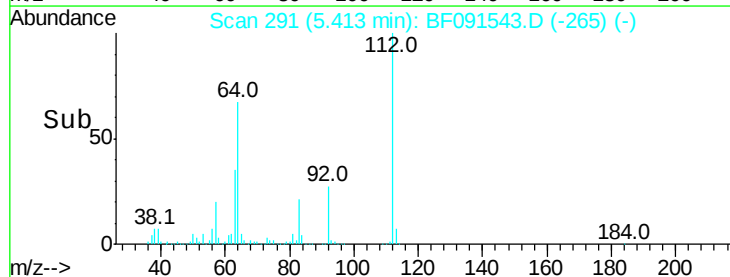
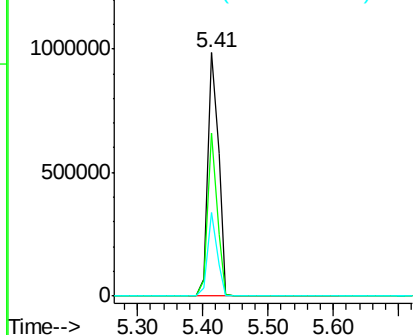
#5

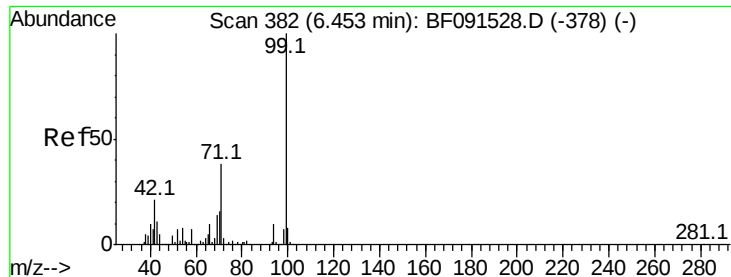
2-Fluorophenol
 Concen: 79.54 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF091543.D
 Acq: 9 Dec 2016 22:38

Tgt Ion:112 Resp: 1131433
 Ion Ratio Lower Upper
 112 100
 64 66.9 61.5 92.3
 63 34.5 33.3 49.9



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: 57.67 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

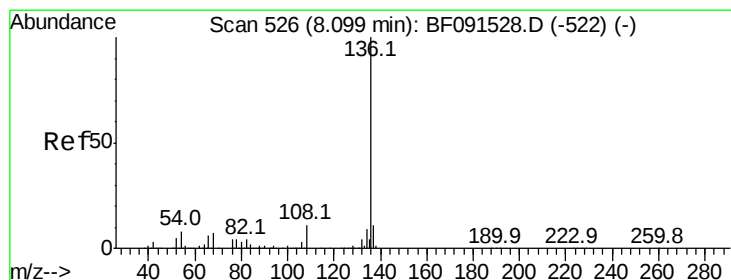
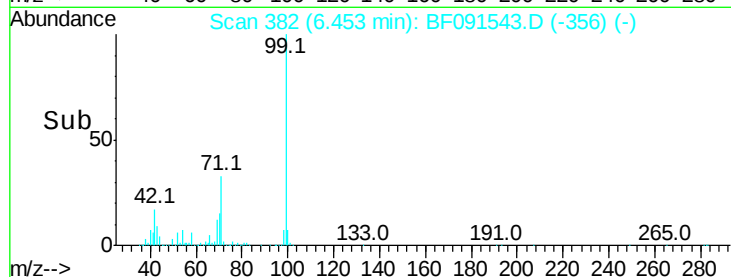
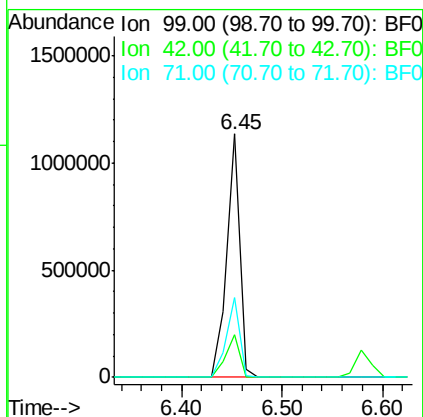
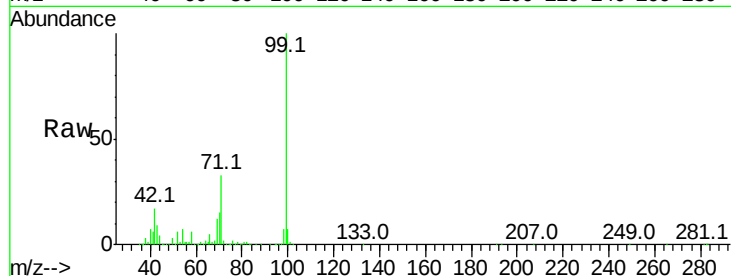
BNA_F

ClientSampleId :

URSMW-08

Tot Ion: 99 Resp: 1022773

Ion	Ratio	Lower	Upper
99	100		
42	17.3	20.6	31.0#
71	32.7	29.9	44.9



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.10 min Scan# 526

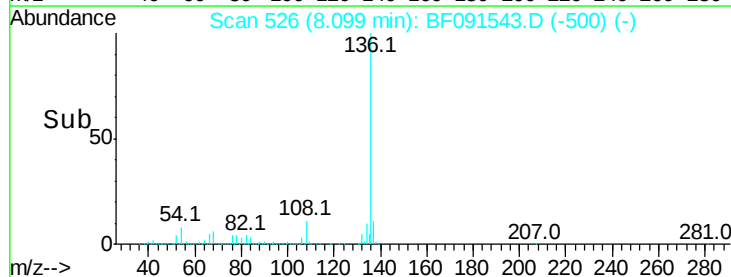
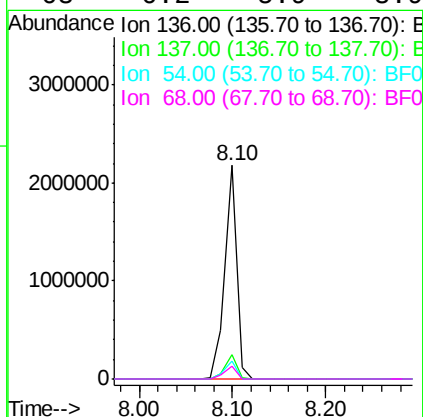
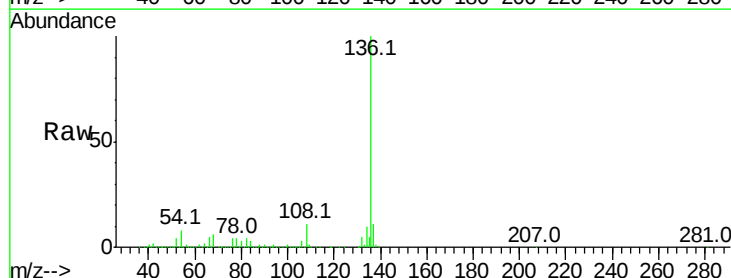
Delta R.T. -0.00 min

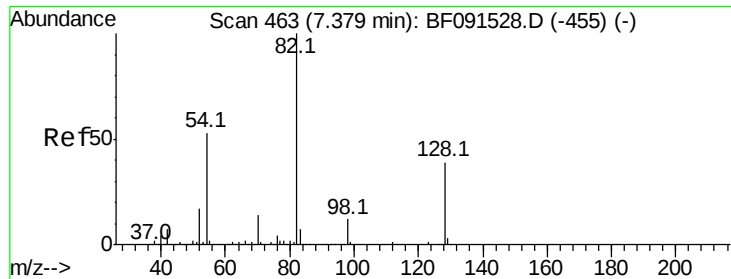
Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Tgt Ion: 136 Resp: 1938953

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	9.1	13.7#
68	6.2	5.9	8.9

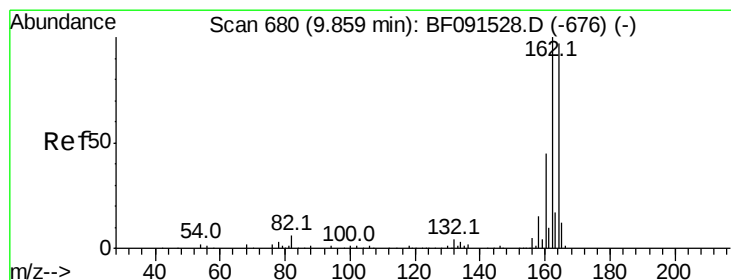
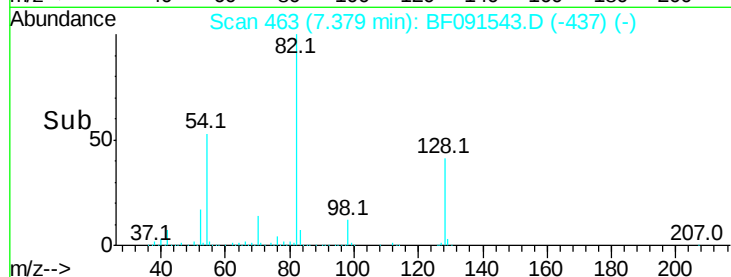
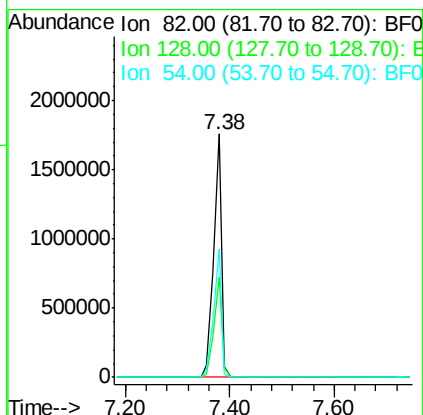
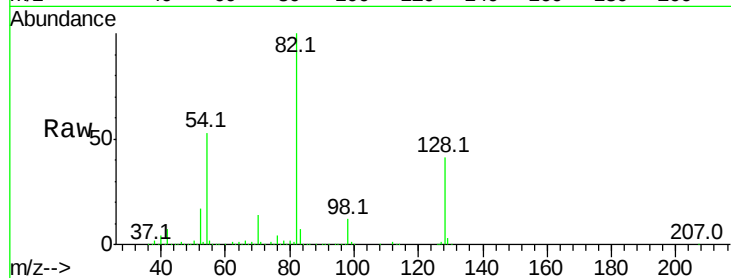




#23
 Nitrobenzene-d5
 Concen: 106.11 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091543.D
 Acq: 9 Dec 2016 22:38

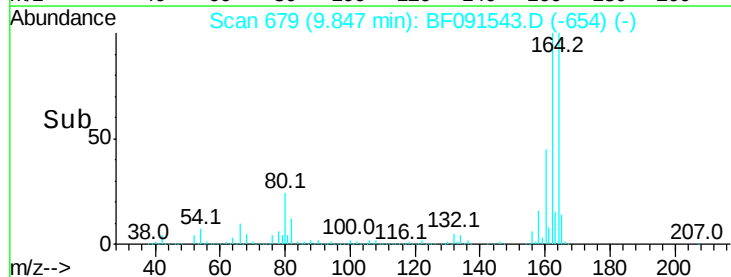
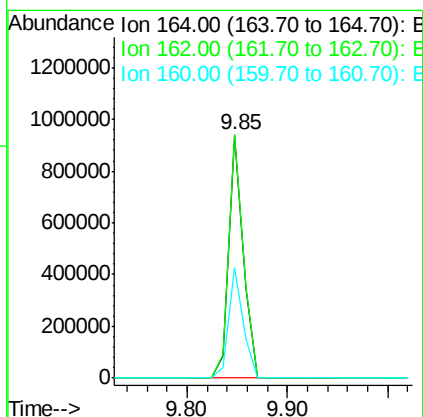
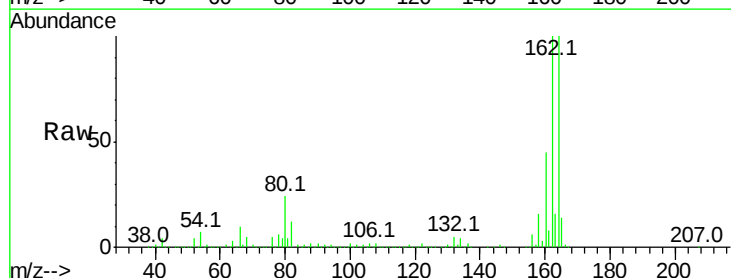
Instrument :
 BNA_F
 ClientSampleId :
 URSMW-08

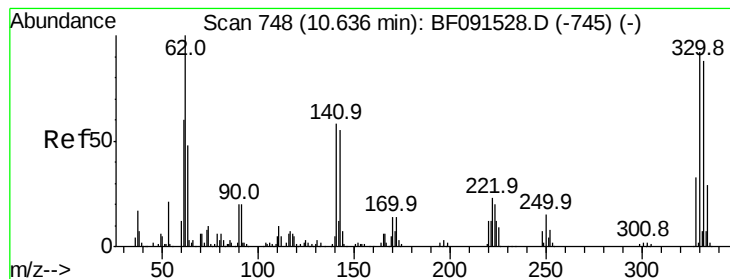
Tot Ion: 82 Resp: 1843104
 Ion Ratio Lower Upper
 82 100
 128 41.4 31.8 47.6
 54 52.5 49.1 73.7



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091543.D
 Acq: 9 Dec 2016 22:38

Tgt Ion:164 Resp: 942532
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 124.0
 160 45.4 36.7 55.1





#41

2,4,6-Tribromophenol

Concen: 183.93 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

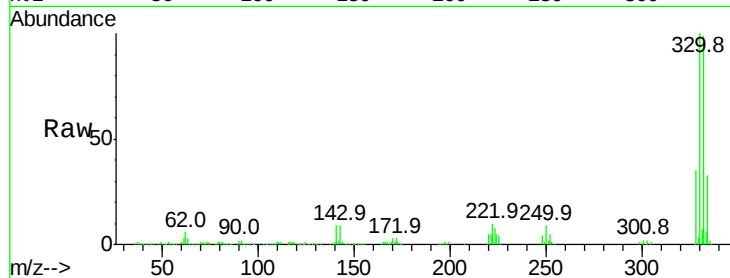
Tot Ion:330 Resp: 719969

Ion Ratio Lower Upper

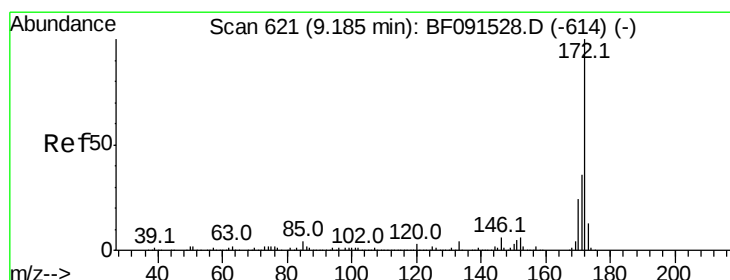
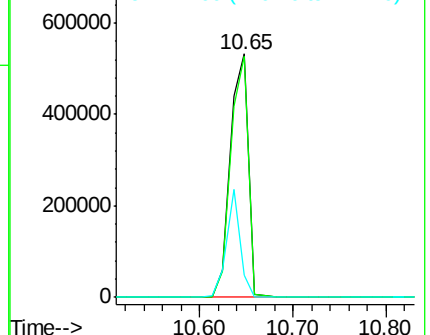
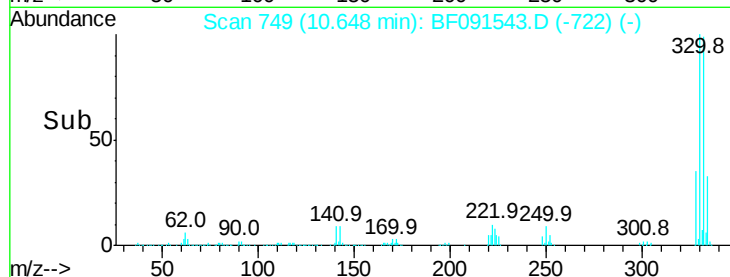
330 100

332 97.3 76.2 114.4

141 33.8 33.6 50.4



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: 114.74 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

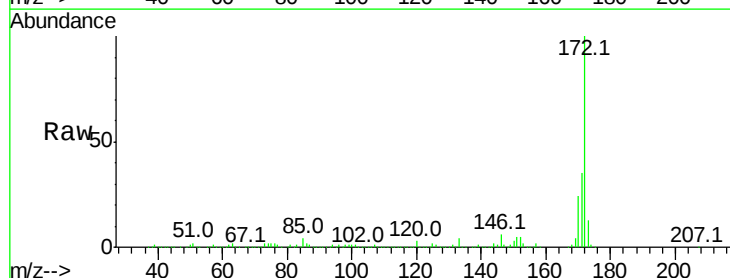
Tgt Ion:172 Resp: 3129415

Ion Ratio Lower Upper

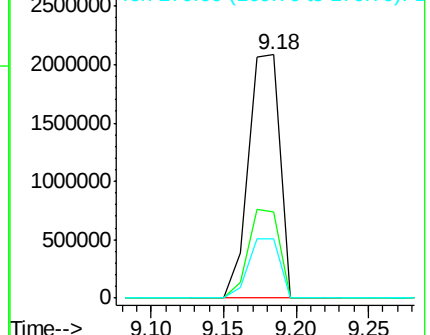
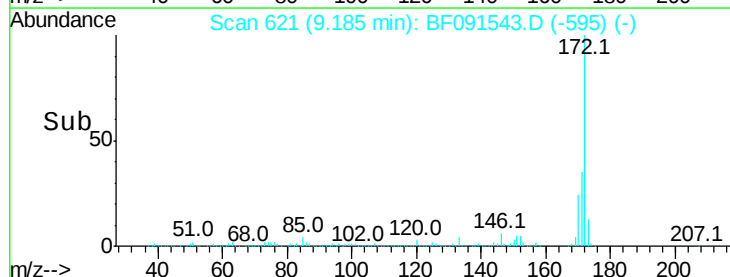
172 100

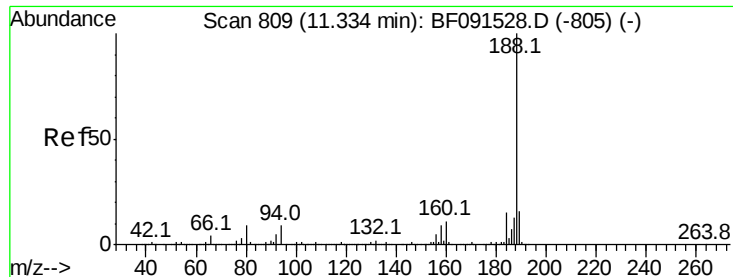
171 35.4 29.4 44.0

170 24.3 19.7 29.5



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: 40.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

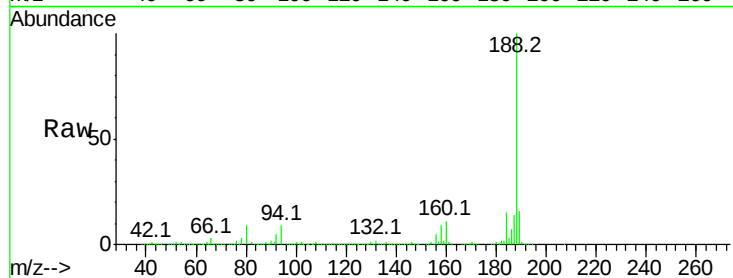
Tot Ion:188 Resp: 1606921

Ion Ratio Lower Upper

188 100

94 8.6 9.2 13.8#

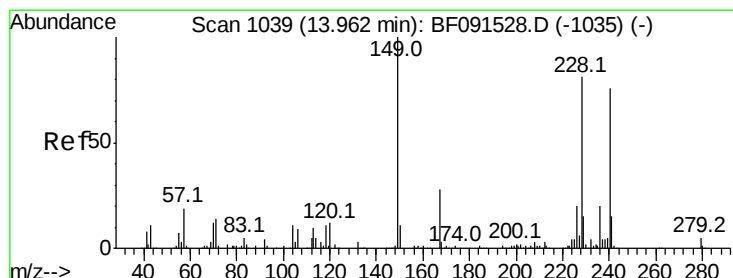
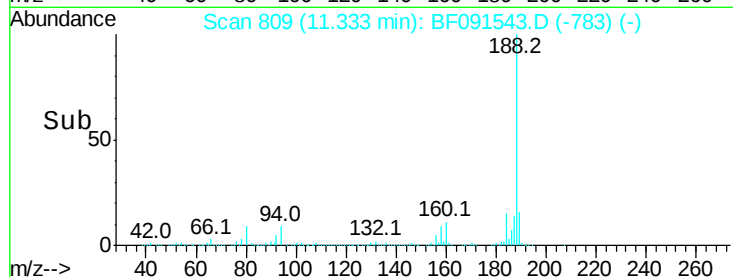
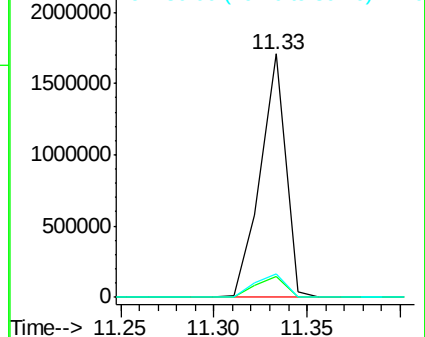
80 9.4 10.5 15.7#



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: 40.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

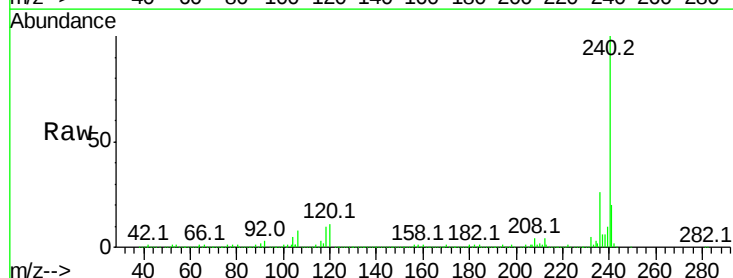
Tgt Ion:240 Resp: 1183452

Ion Ratio Lower Upper

240 100

120 11.3 12.1 18.1#

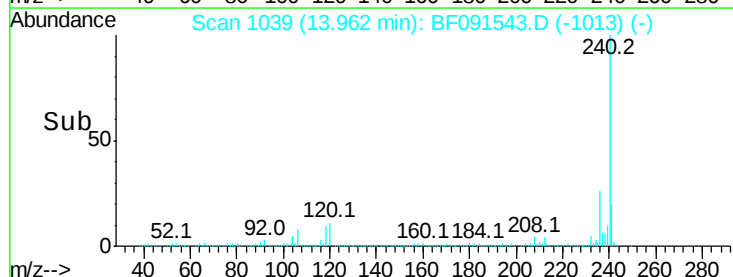
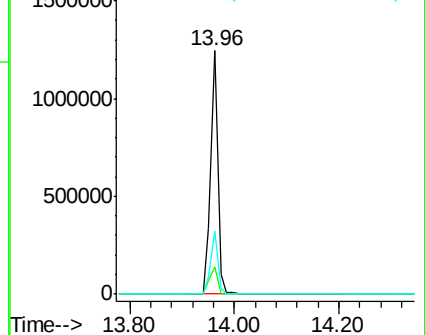
236 26.1 21.0 31.6

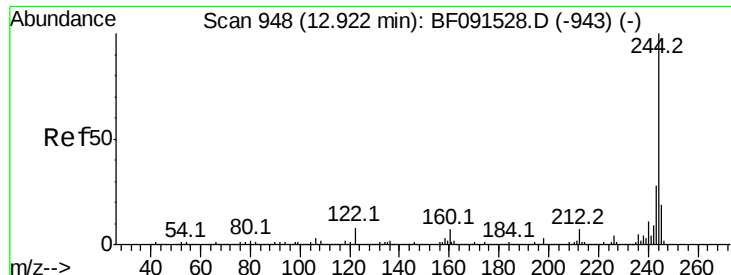


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.29 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

Instrument :

BNA_F

ClientSampleId :

URSMW-08

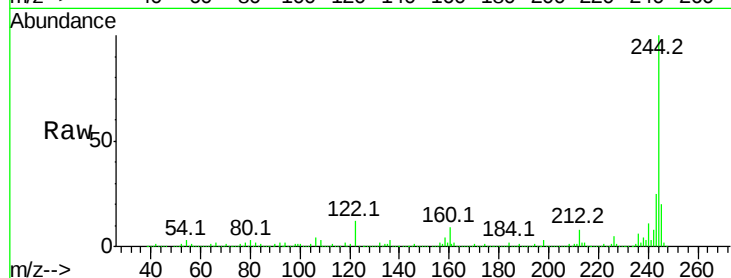
Tot Ion:244 Resp: 2641381

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

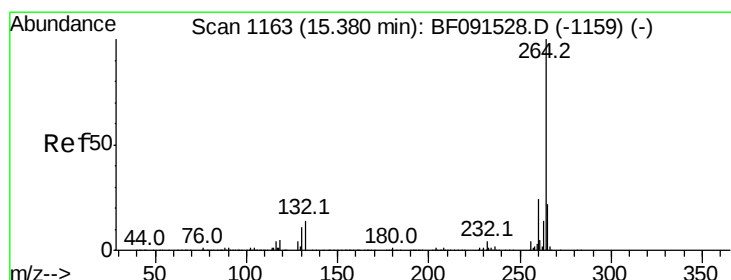
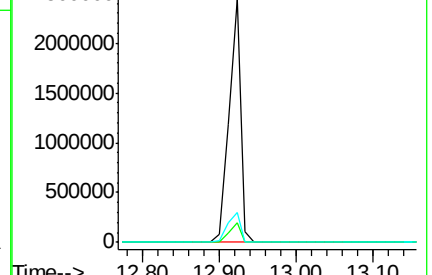
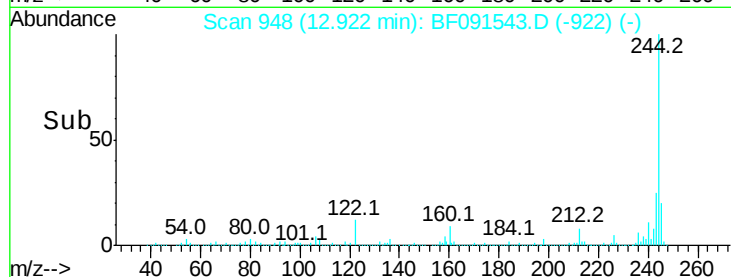
122 12.2 9.5 14.3



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: 40.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091543.D

Acq: 9 Dec 2016 22:38

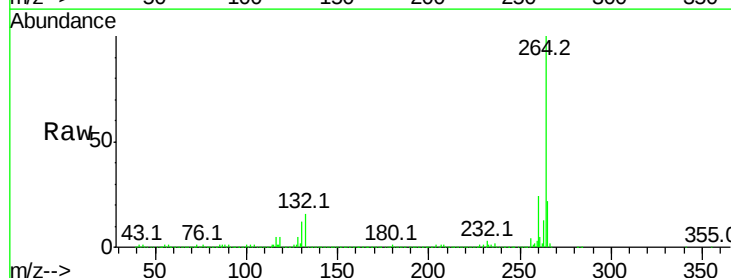
Tgt Ion:264 Resp: 1041849

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.0 25.6



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

