

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091564.D
 Acq On : 13 Dec 2016 19:57
 Operator : UM/SJ
 Sample : H5961-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-EQUIPBLANK

Quant Time: Dec 14 01:15:07 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	294713	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1243447	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	600081	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	972324	20.00	ng	0.00
75) Chrysene-d12	13.96	240	685372	20.00	ng	0.00
86) Perylene-d12	15.38	264	627522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	880691	50.35	ng	0.00
7) Phenol-d6	6.45	99	665514	30.52	ng	0.00
23) Nitrobenzene-d5	7.38	82	1768347	79.37	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	568200	114.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2699929	77.74	ng	-0.01
78) Terphenyl-d14	12.92	244	2558541	84.71	ng	0.00

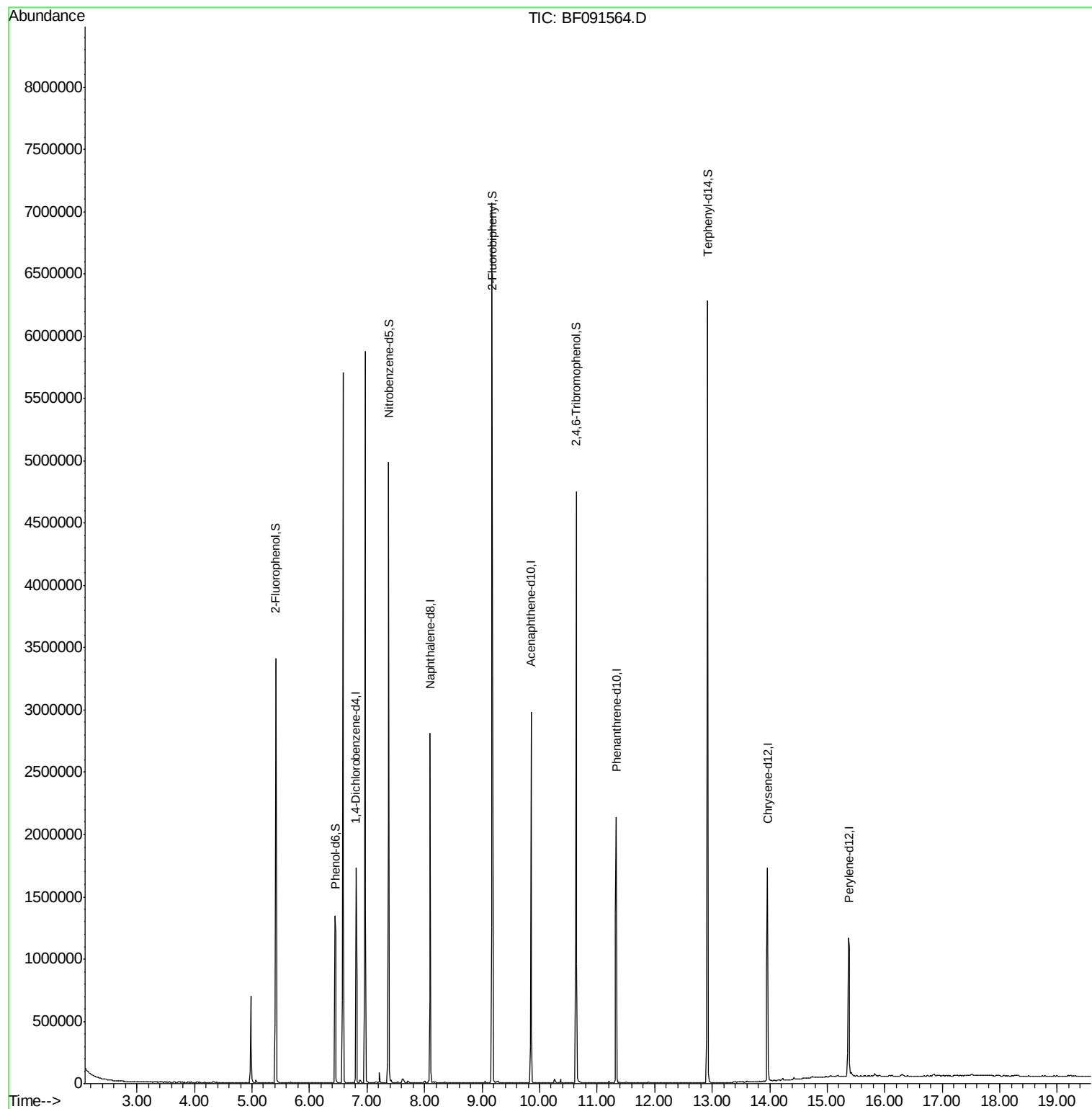
Target Compounds Qvalue

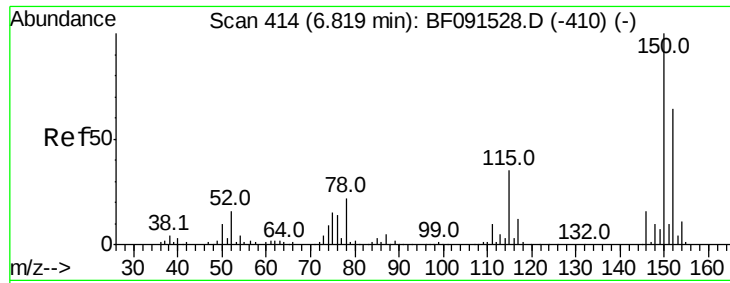
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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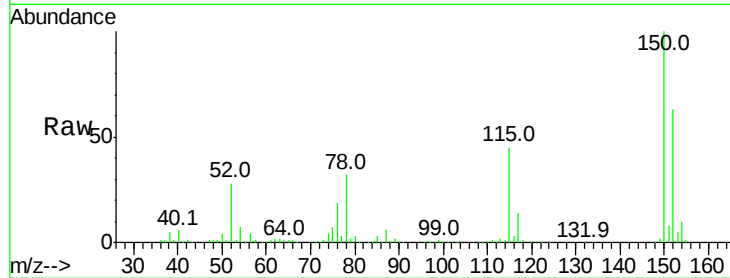


#1

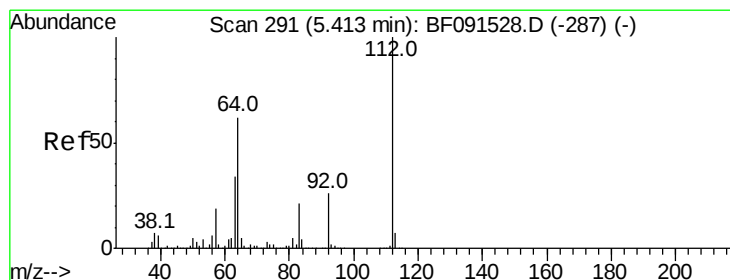
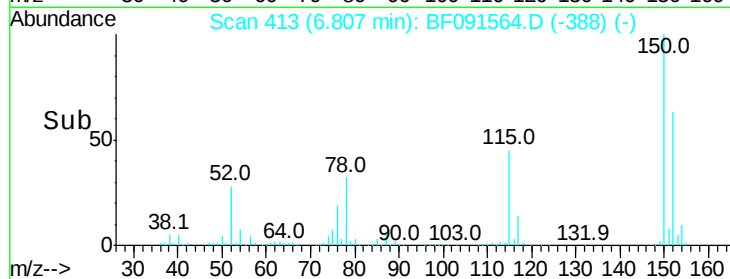
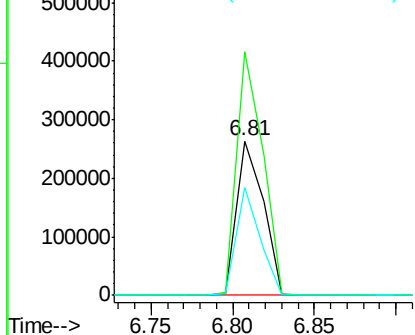
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091564.D
Acq: 13 Dec 2016 19:57

Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIPBLANK

Tot Ion:152 Resp: 294713
Ion Ratio Lower Upper
152 100
150 157.8 122.5 183.7
115 70.3 51.8 77.8



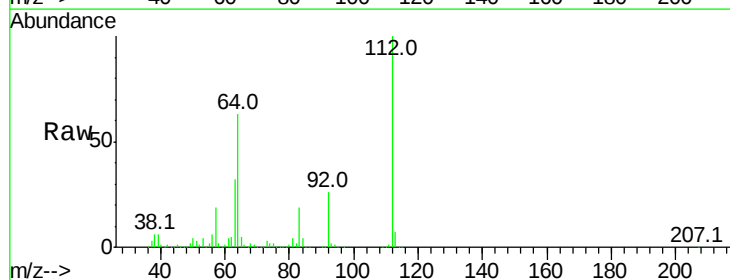
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



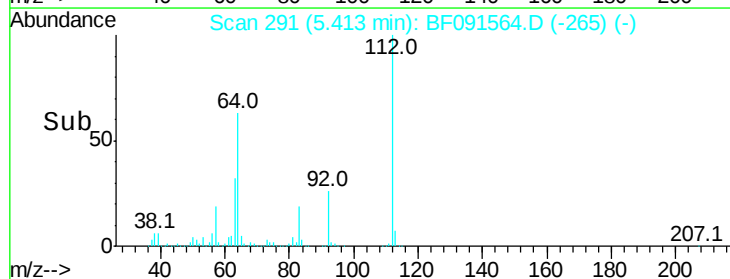
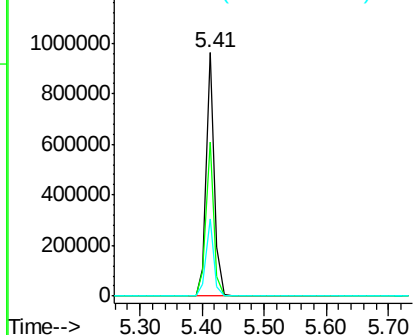
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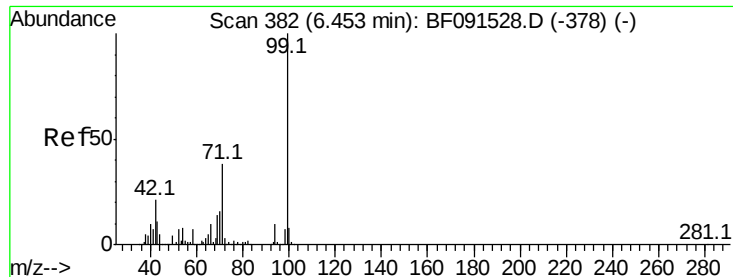
2-Fluorophenol
Concen: 50.35 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091564.D
Acq: 13 Dec 2016 19:57

Tgt Ion:112 Resp: 880691
Ion Ratio Lower Upper
112 100
64 63.2 61.5 92.3
63 31.8 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: 30.52 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091564.D

Acq: 13 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIPBLANK

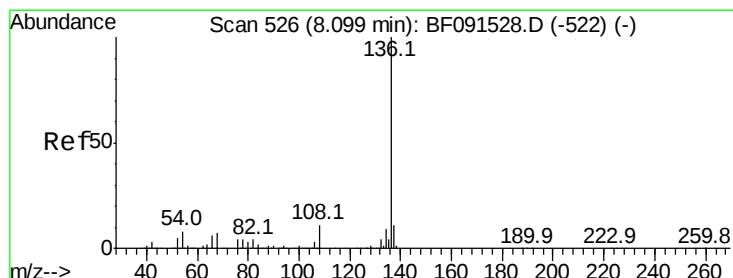
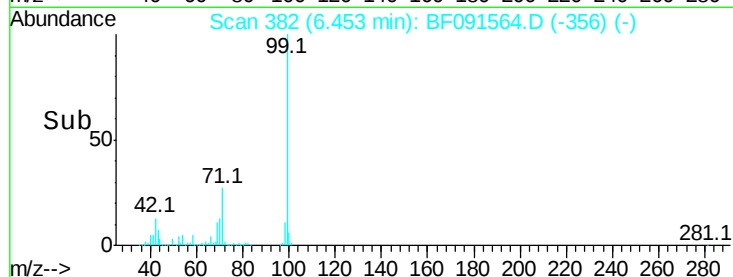
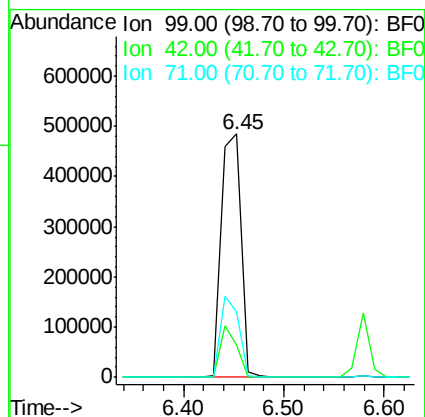
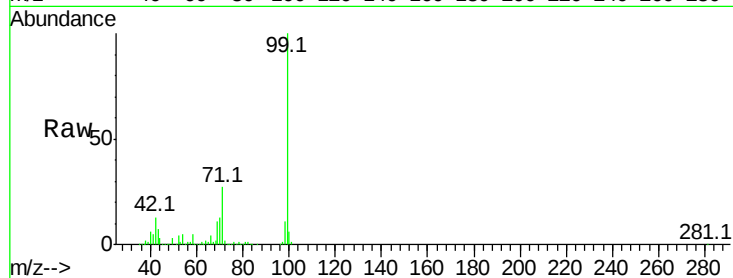
Tot Ion: 99 Resp: 665514

Ion Ratio Lower Upper

99 100

42 13.1 20.6 31.0#

71 26.9 29.9 44.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091564.D

Acq: 13 Dec 2016 19:57

Tgt Ion: 136 Resp: 1243447

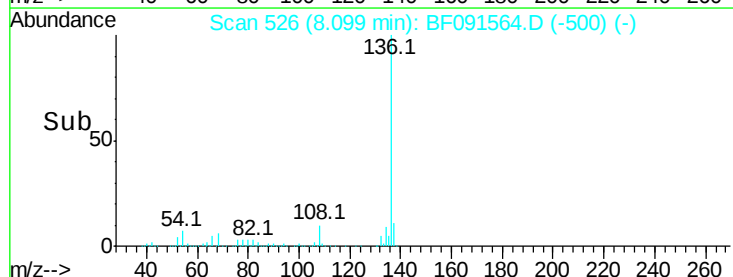
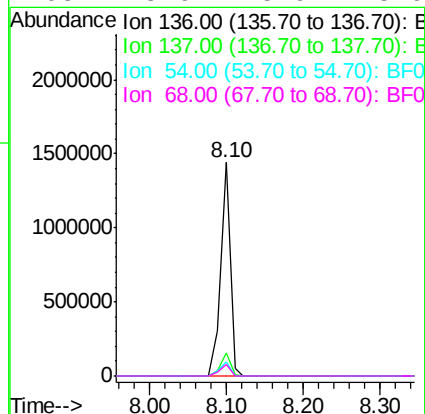
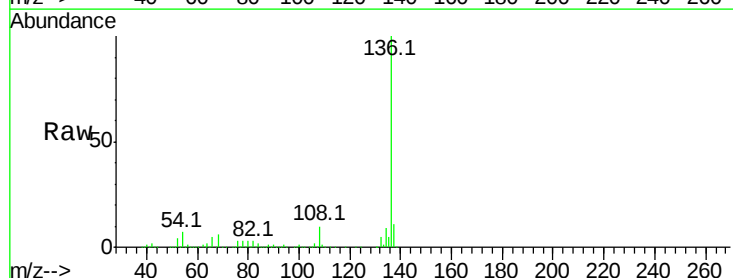
Ion Ratio Lower Upper

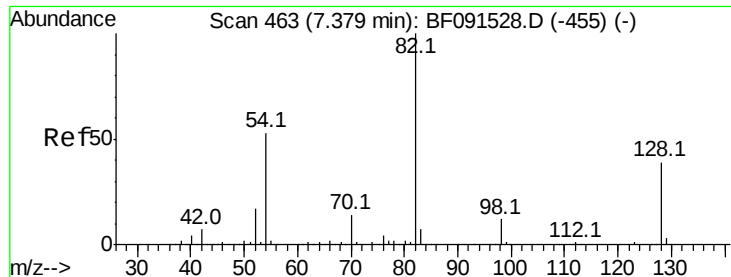
136 100

137 11.0 9.1 13.7

54 6.8 9.1 13.7#

68 5.6 5.9 8.9#



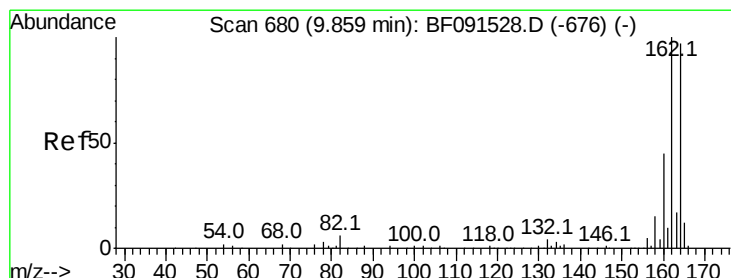
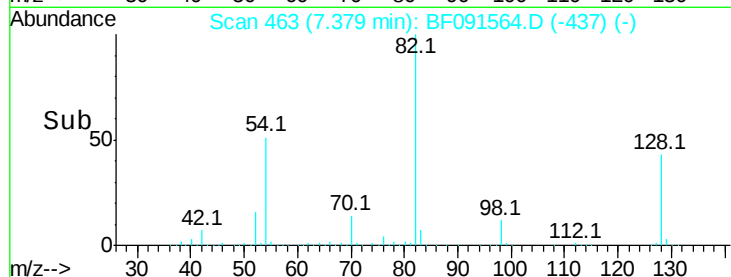
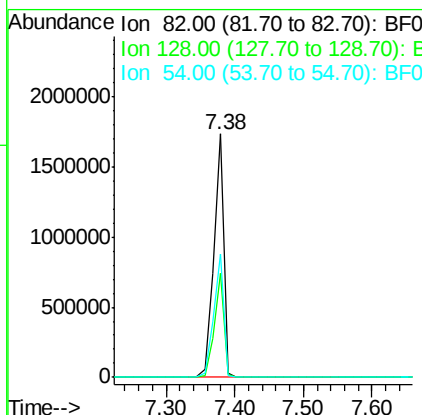
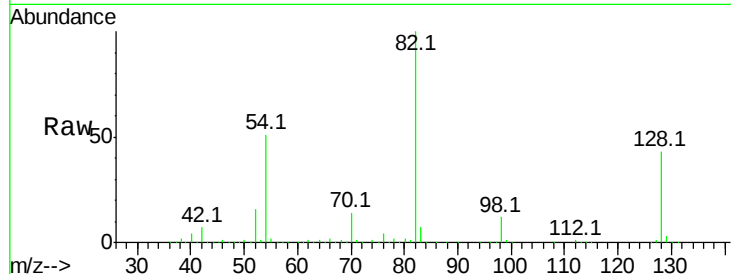


#23
 Nitrobenzene-d5
 Concen: 79.37 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091564.D
 Acq: 13 Dec 2016 19:57

Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-EQUIPBLANK

Tot Ion: 82 Resp: 1768347

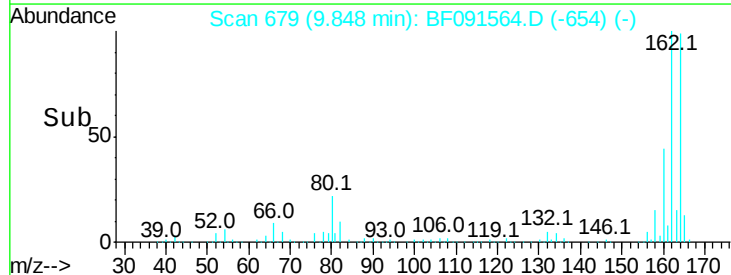
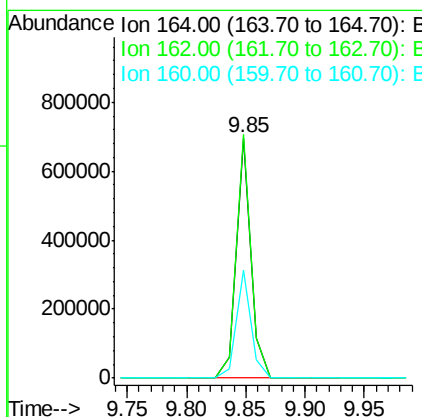
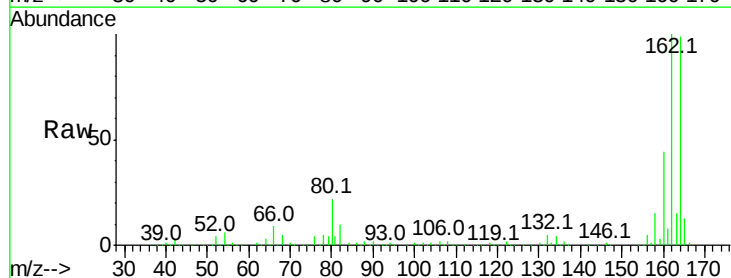
Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.8	47.6
54	50.8	49.1	73.7

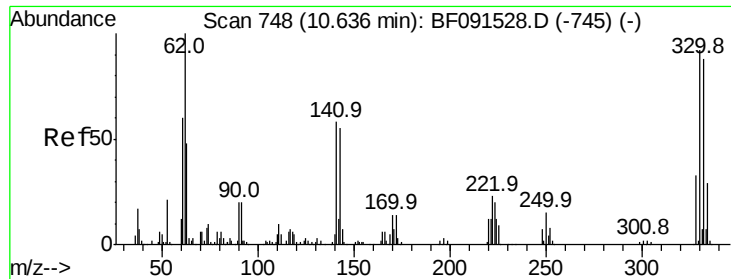


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091564.D
 Acq: 13 Dec 2016 19:57

Tgt Ion:164 Resp: 600081

Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	45.0	36.7	55.1

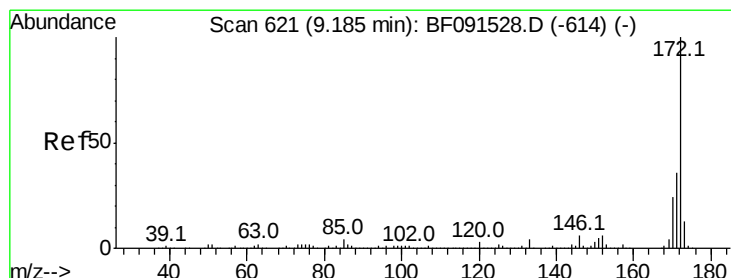
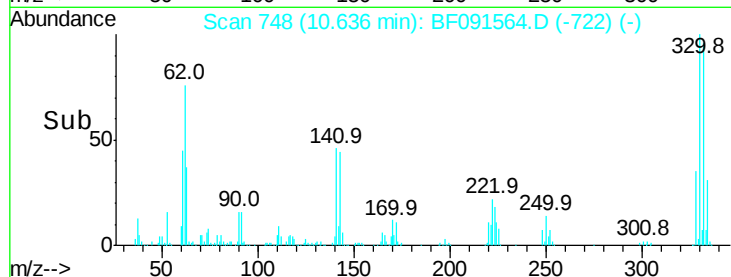
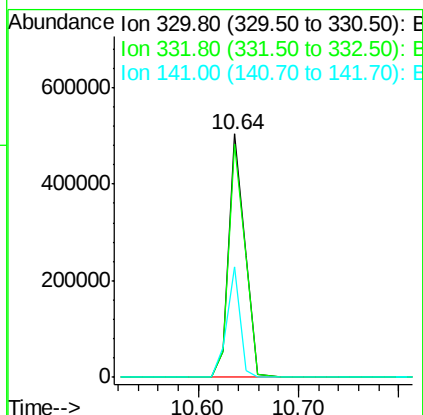
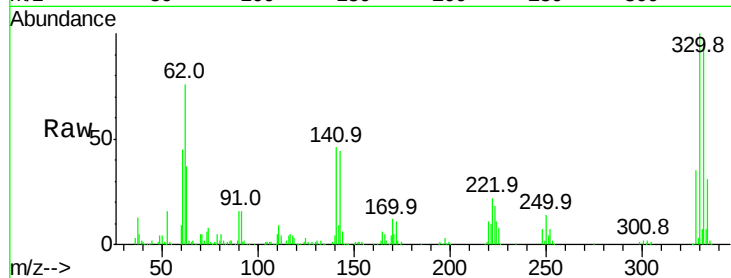




#41
 2,4,6-Tribromophenol
 Concen: 114.00 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF091564.D
 Acq: 13 Dec 2016 19:57

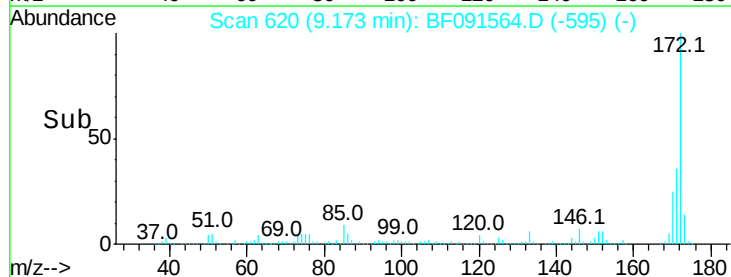
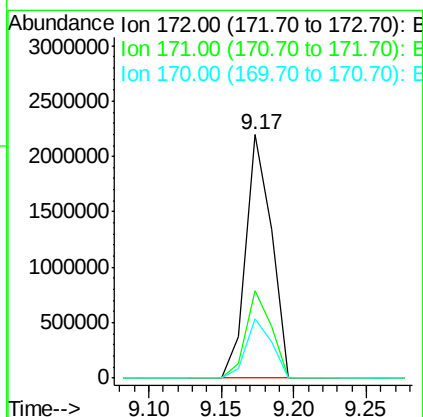
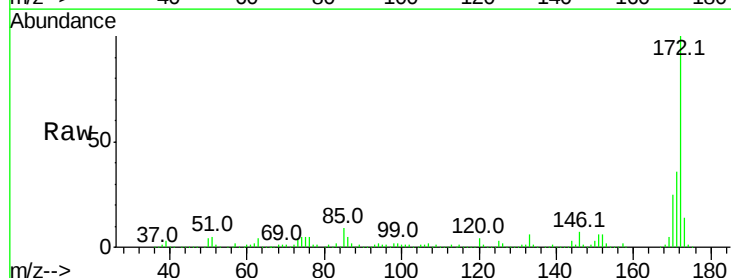
Instrument :
 BNA_F
 ClientSampleId :
 QNWP8-EQUIPBLANK

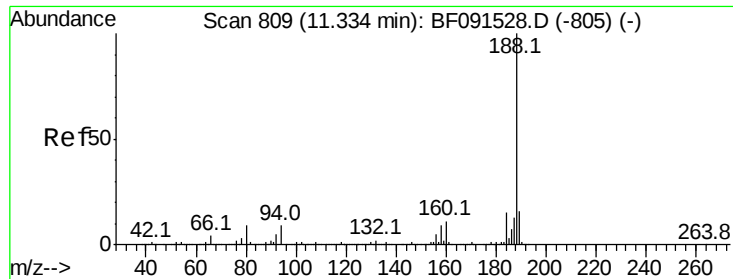
Tot Ion:330 Resp: 568200
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.2 114.4
 141 37.7 33.6 50.4



#44
 2-Fluorobiphenyl
 Concen: 77.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091564.D
 Acq: 13 Dec 2016 19:57

Tgt Ion:172 Resp: 2699929
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 19.7 29.5

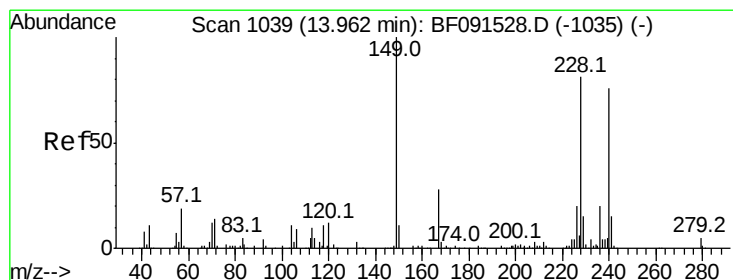
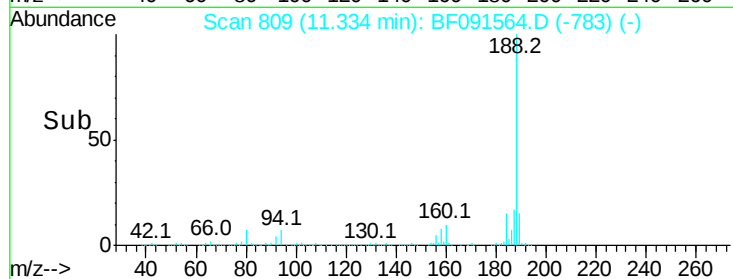
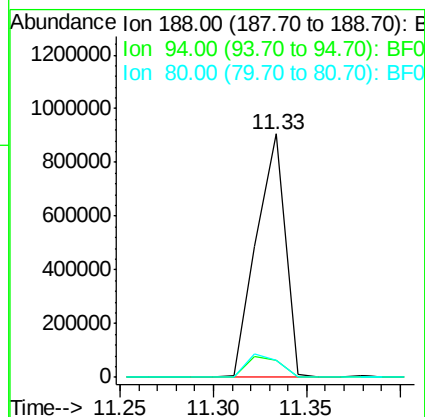
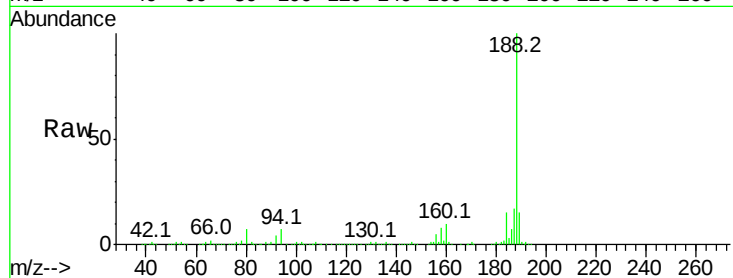




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091564.D
Acq: 13 Dec 2016 19:57

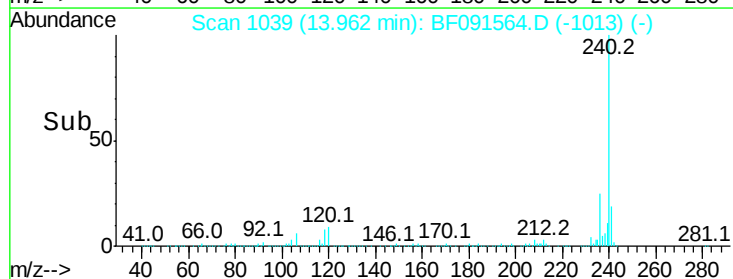
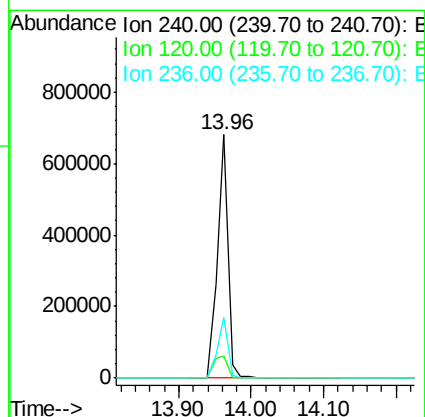
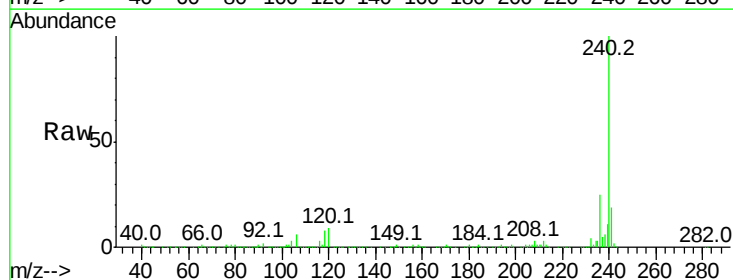
Instrument :
BNA_F
ClientSampleId :
QNWP8-EQUIPBLANK

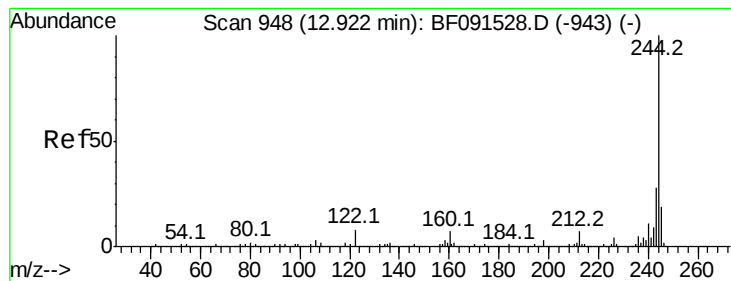
Tot Ion:188 Resp: 972324
Ion Ratio Lower Upper
188 100
94 7.1 9.2 13.8#
80 7.3 10.5 15.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091564.D
Acq: 13 Dec 2016 19:57

Tgt Ion:240 Resp: 685372
Ion Ratio Lower Upper
240 100
120 9.3 12.1 18.1#
236 25.0 21.0 31.6





#78

Terphenyl-d14

Concen: 84.71 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF091564.D

Acq: 13 Dec 2016 19:57

Instrument :

BNA_F

ClientSampleId :

QNWP8-EQUIPBLANK

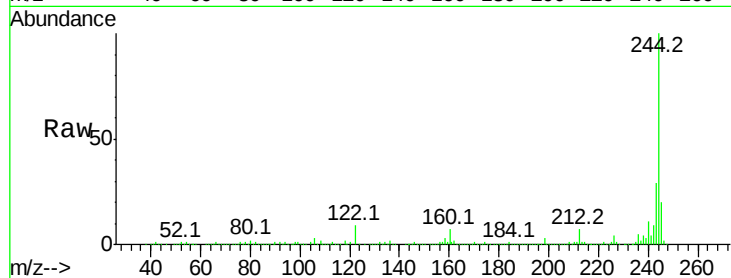
Tot Ion:244 Resp: 2558541

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

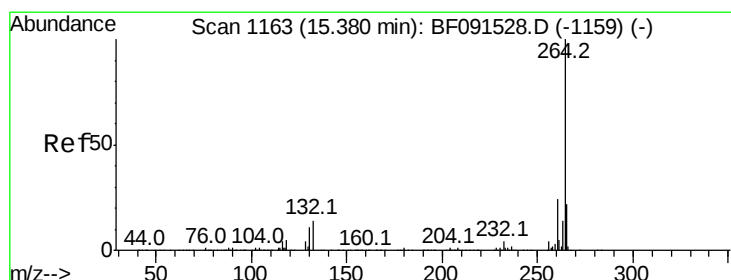
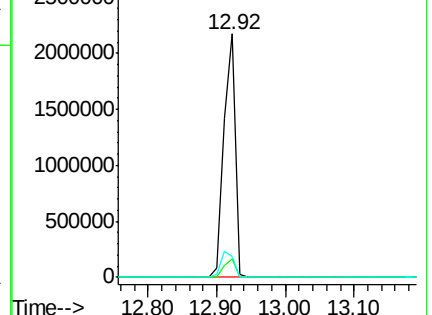
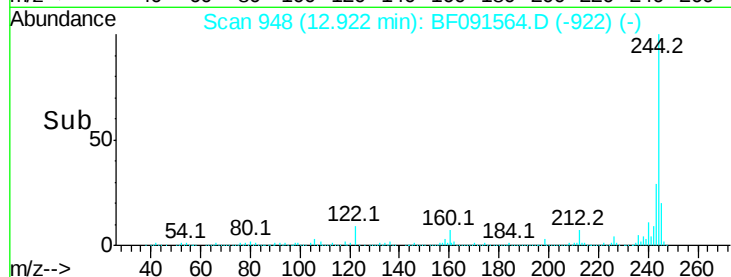
122 8.7 9.5 14.3#



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: 20.00 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF091564.D

Acq: 13 Dec 2016 19:57

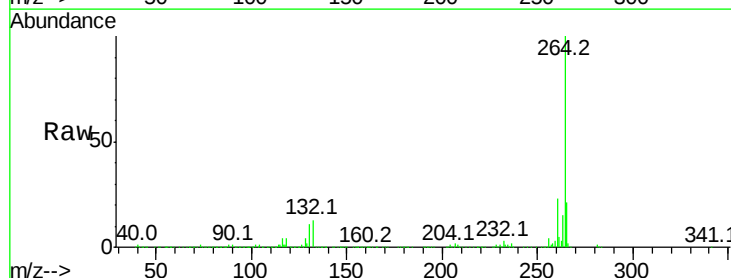
Tgt Ion:264 Resp: 627522

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.0 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

