

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089398.D
 Acq On : 29 Jul 2016 8:22
 Operator : UM/SJ
 Sample : H4236-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

Quant Time: Jul 29 11:19:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

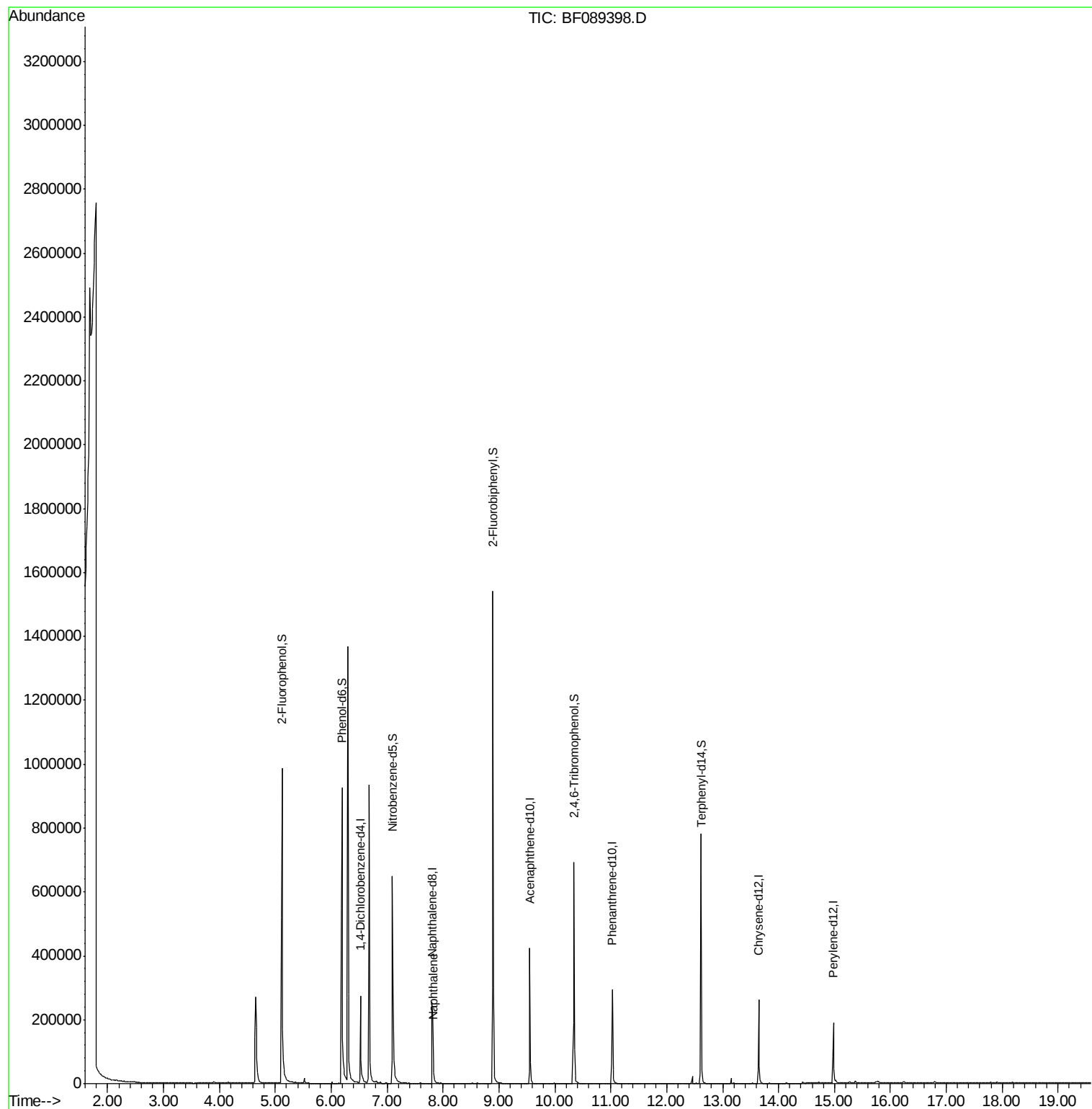
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	50470	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	191692	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	81000	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	127380	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	99977	20.00	ng	-0.02
86) Perylene-d12	14.98	264	85712	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	389477	123.22	ng	0.01
7) Phenol-d6	6.19	99	482592	115.53	ng	-0.01
23) Nitrobenzene-d5	7.10	82	306046	94.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	78046	116.34	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	525890	95.28	ng	-0.02
78) Terphenyl-d14	12.62	244	359339	84.12	ng	-0.01
Target Compounds						
31) Naphthalene	7.83	128	24611	2.59	ng	Qvalue 98

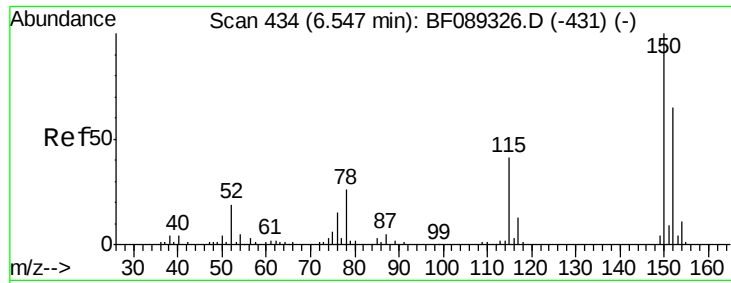
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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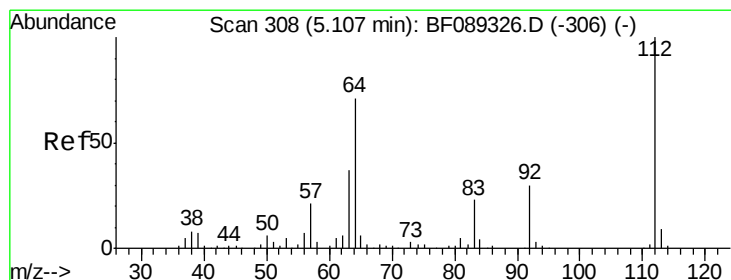
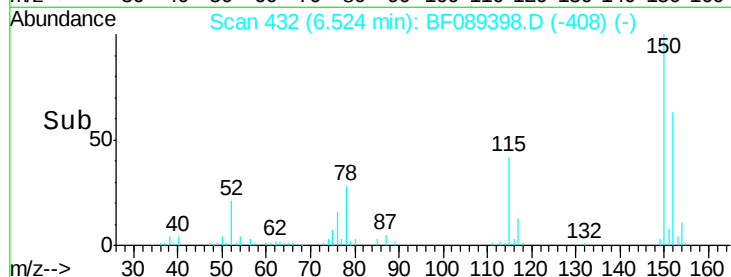
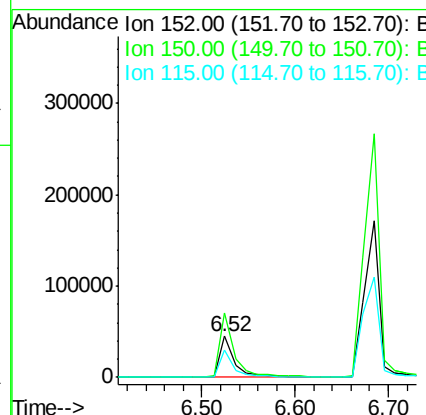
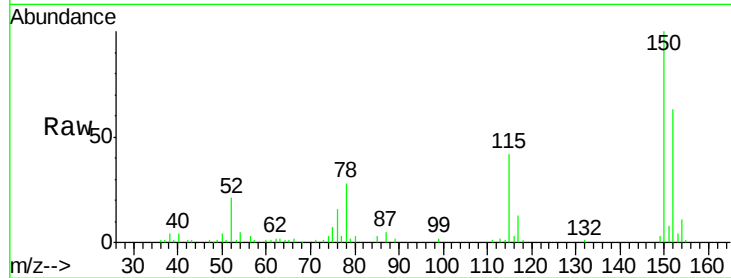




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

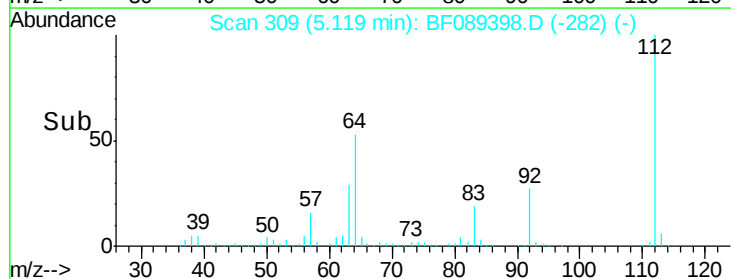
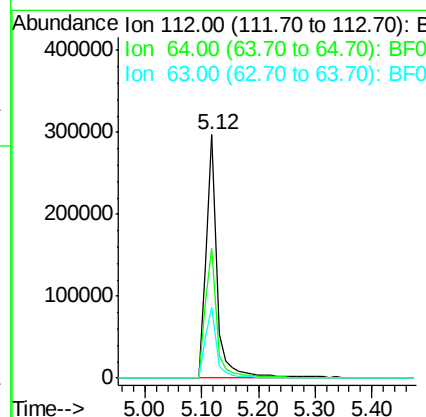
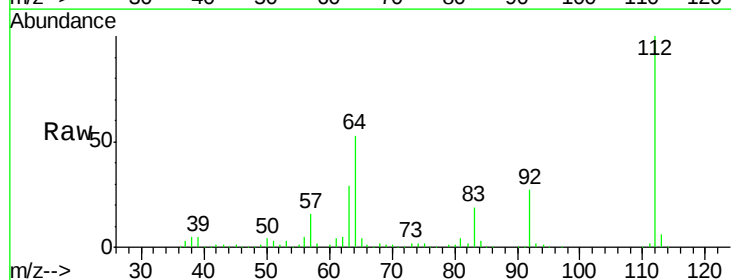
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

Tgt Ion:152 Resp: 50470
 Ion Ratio Lower Upper
 152 100
 150 157.5 129.5 194.3
 115 65.8 51.4 77.2



#5
 2-Fluorophenol
 Concen: 123.22 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.01 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

Tgt Ion:112 Resp: 389477
 Ion Ratio Lower Upper
 112 100
 64 53.3 55.0 82.6#
 63 28.8 29.4 44.2#





#7

Phenol-d6

Concen: 115.53 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

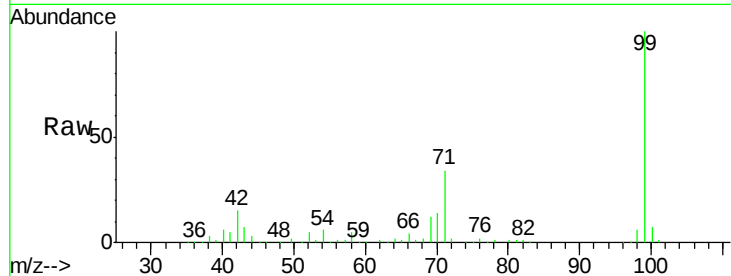
Tgt Ion: 99 Resp: 482592

Ion Ratio Lower Upper

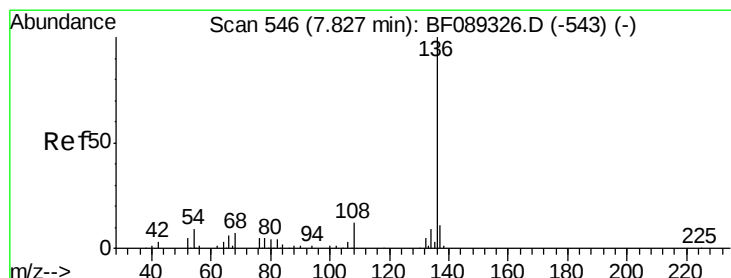
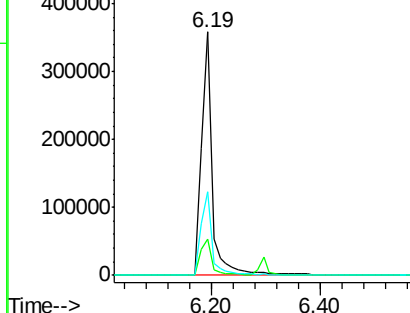
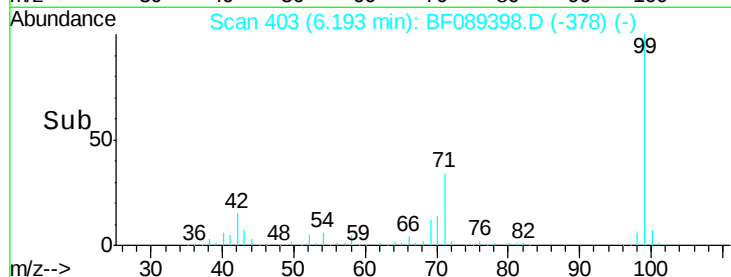
99 100

42 14.7 13.6 20.4

71 34.3 29.4 44.2



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: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Tgt Ion: 136 Resp: 191692

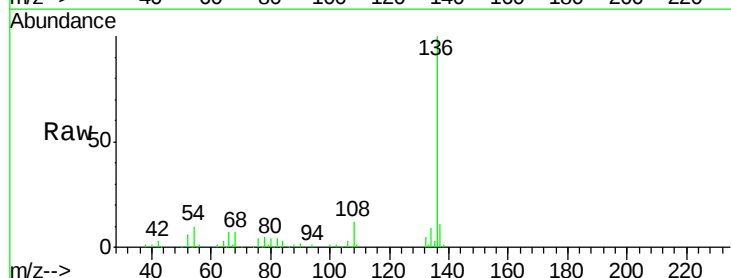
Ion Ratio Lower Upper

136 100

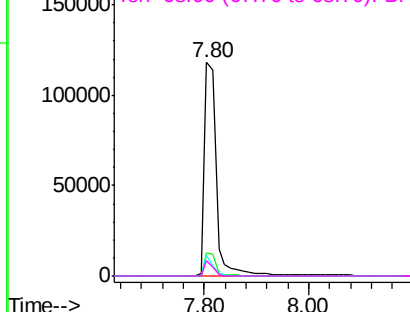
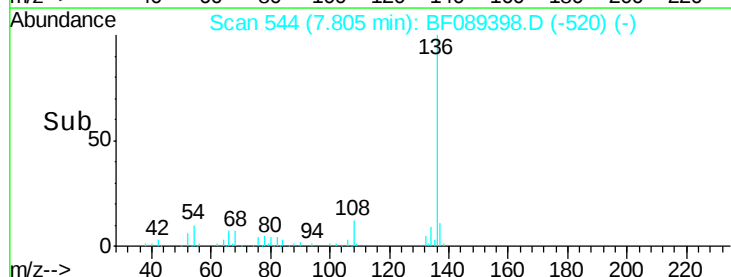
137 11.1 8.6 13.0

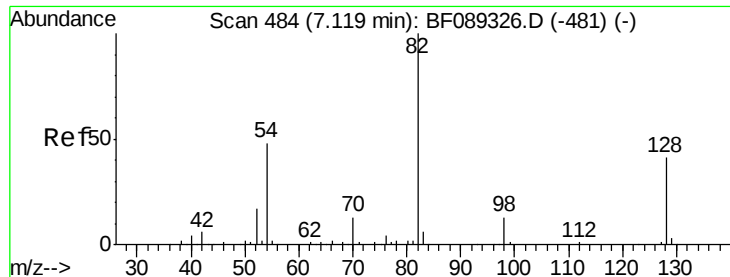
54 9.5 7.0 10.4

68 7.1 4.9 7.3



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

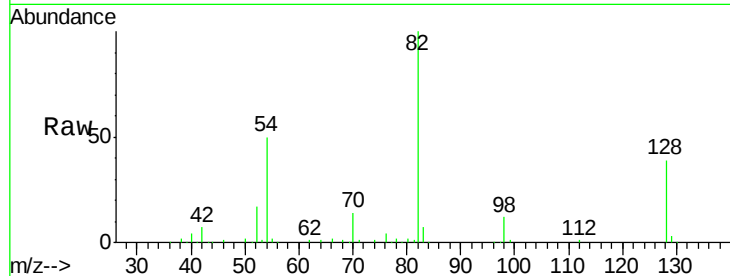




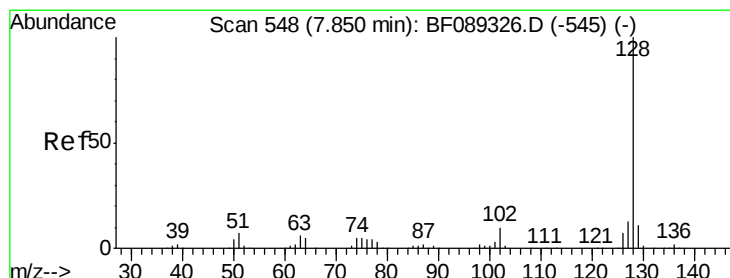
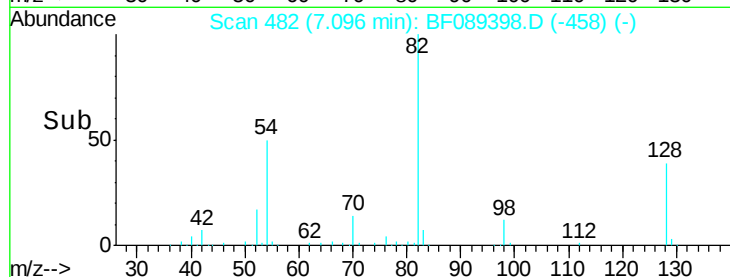
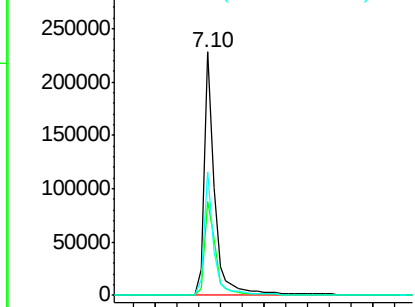
#23
Nitrobenzene-d5
Concen: 94.24 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Instrument :
BNA_F
ClientSampleId :
HSR-WC-62-072616

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	32.5	48.7
54	50.4	38.8	58.2

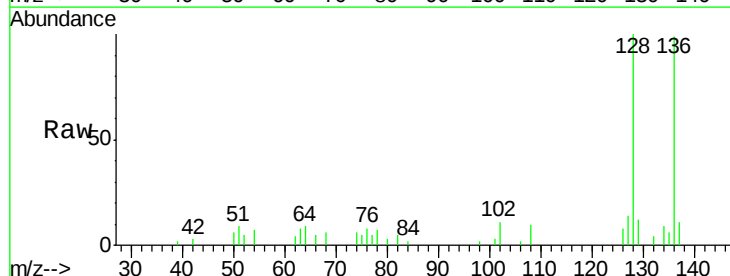


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

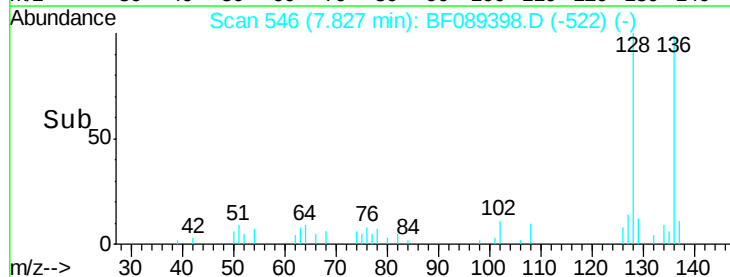
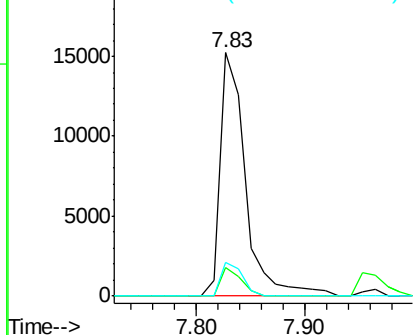


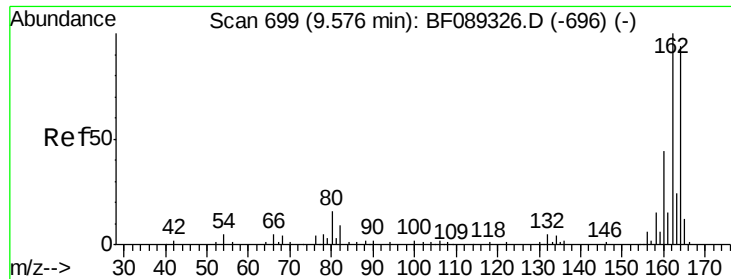
#31
Naphthalene
Concen: 2.59 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	14.1	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 129.00 (128.70 to 129.70): B
Ion 127.00 (126.70 to 127.70): B

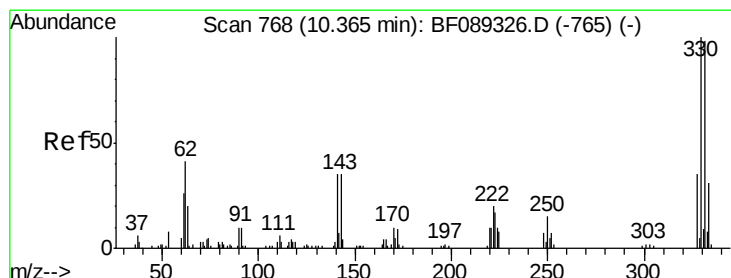
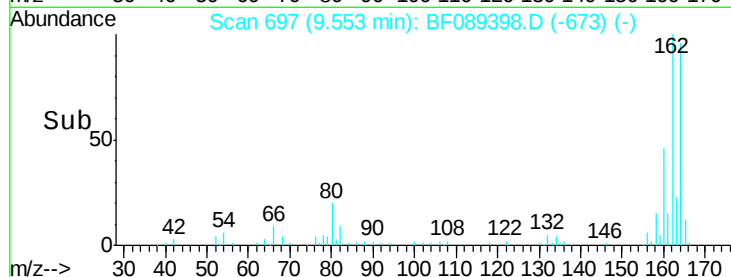
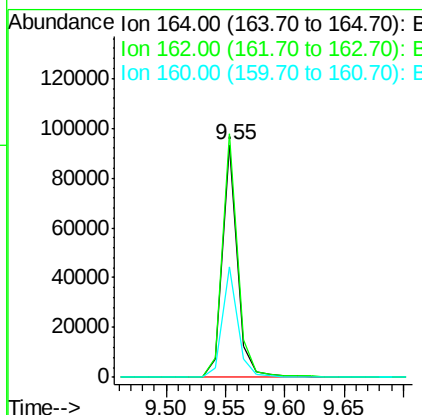
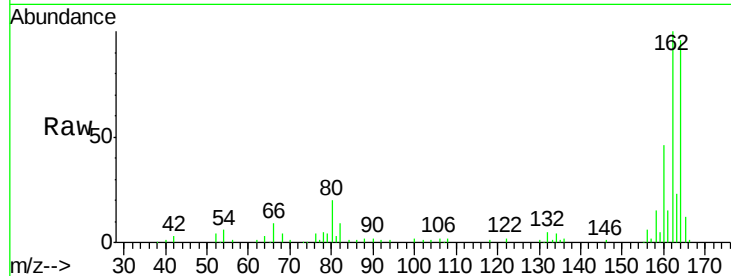




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

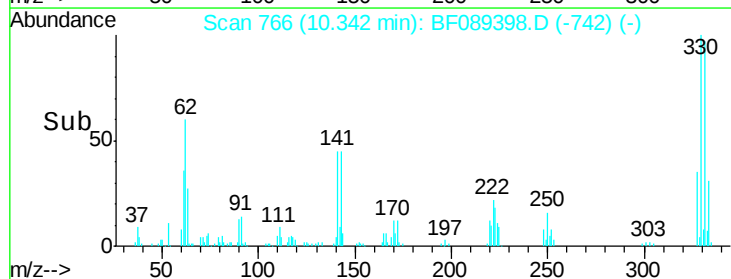
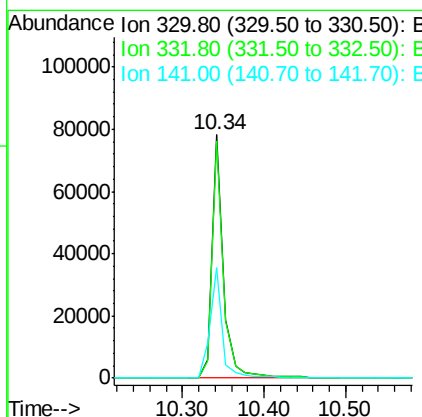
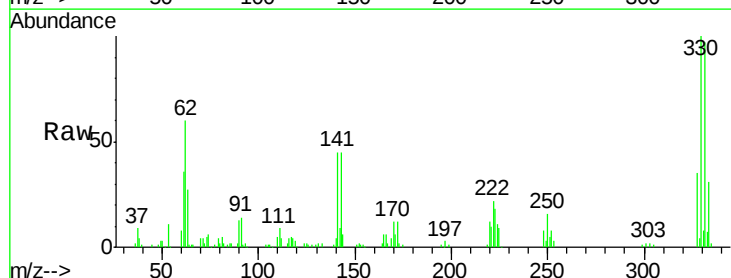
Instrument :
BNA_F
ClientSampleId :
HSR-WC-62-072616

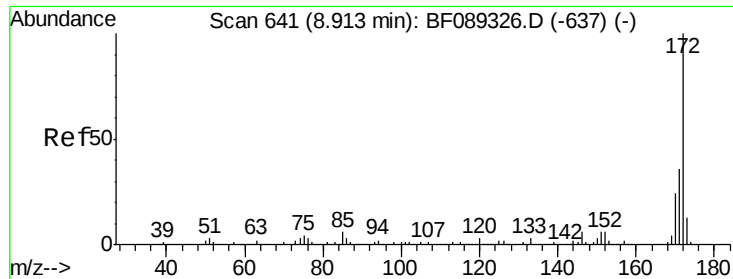
Tgt Ion:164 Resp: 81000
Ion Ratio Lower Upper
164 100
162 104.7 83.7 125.5
160 47.7 37.8 56.6



#41
2,4,6-Tribromophenol
Concen: 116.34 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Tgt Ion:330 Resp: 78046
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 48.1 37.3 55.9

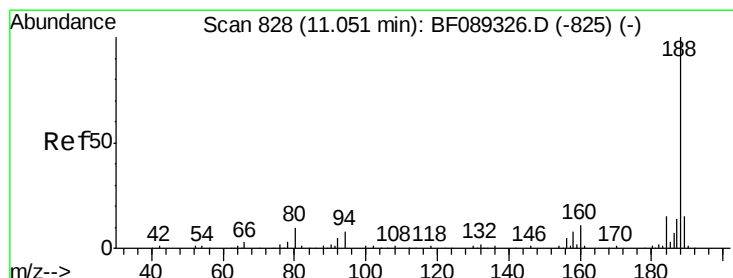
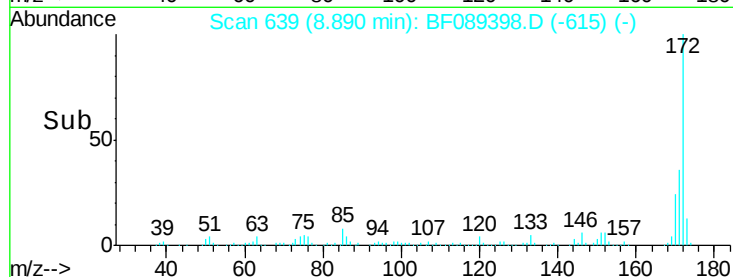
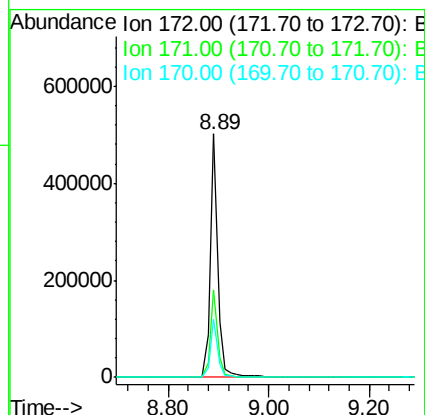
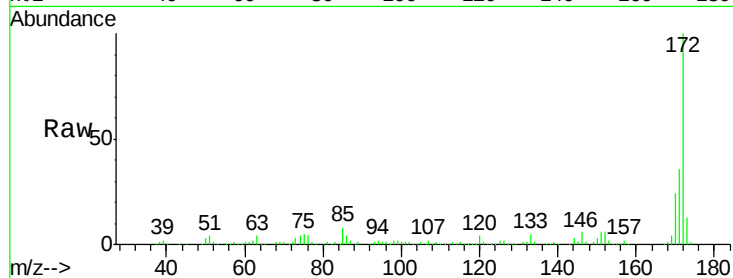




#44
 2-Fluorobiphenyl
 Concen: 95.28 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

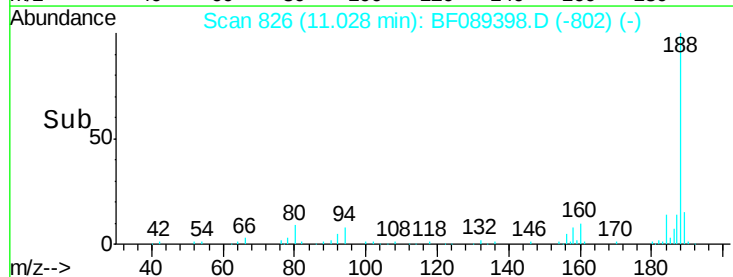
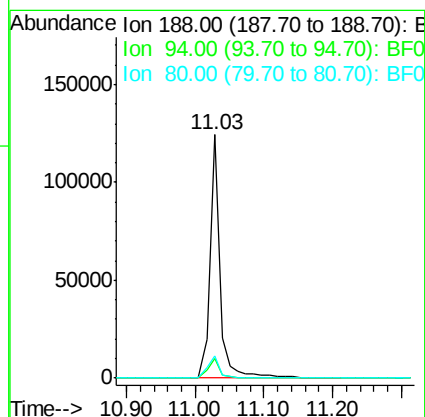
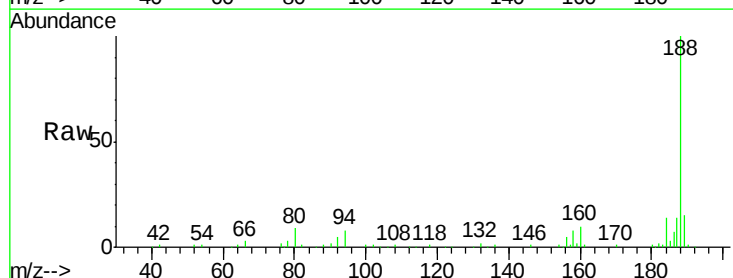
Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-62-072616

Tgt Ion:172 Resp: 525890
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.6 19.2 28.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: BF089398.D
 Acq: 29 Jul 2016 8:22

Tgt Ion:188 Resp: 127380
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.5 9.7
 80 9.0 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

Instrument :

BNA_F

ClientSampleId :

HSR-WC-62-072616

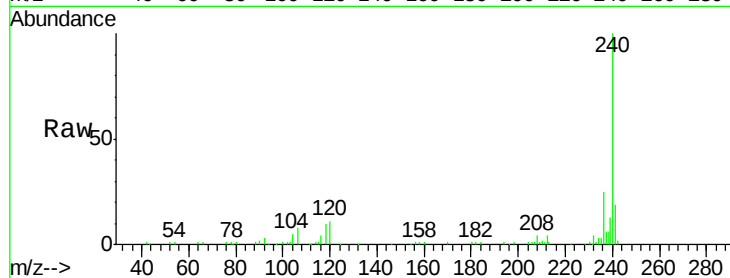
Tgt Ion:240 Resp: 99977

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

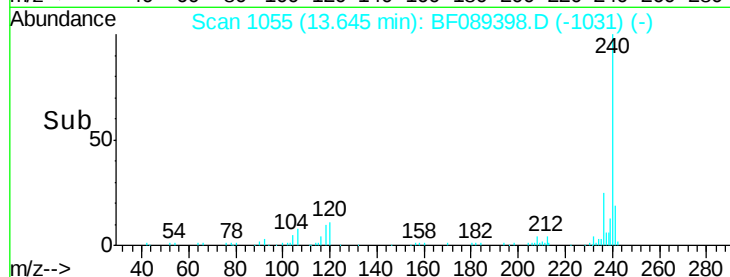
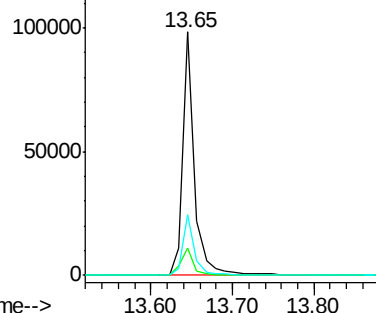
236 24.9 20.6 30.8



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: 84.12 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089398.D

Acq: 29 Jul 2016 8:22

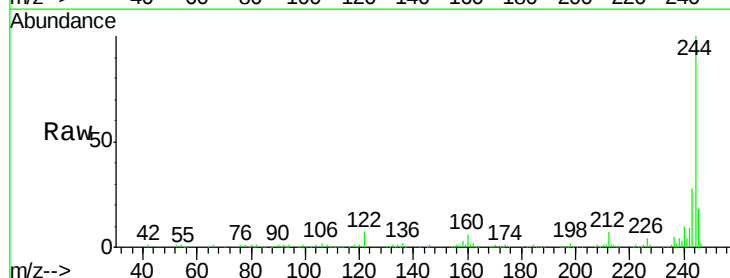
Tgt Ion:244 Resp: 359339

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

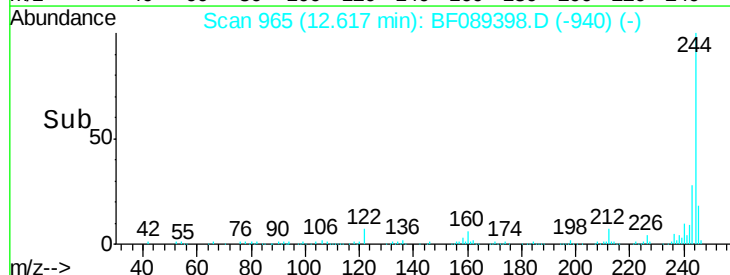
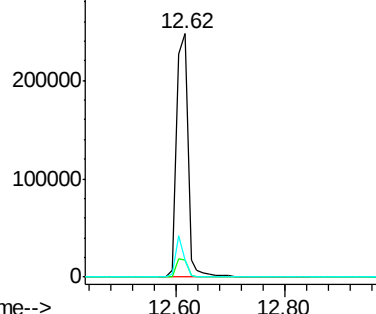
122 6.8 11.4 17.0#

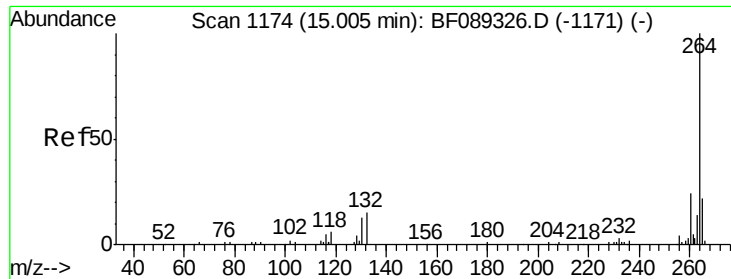


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089398.D
Acq: 29 Jul 2016 8:22

Instrument :
BNA_F
ClientSampleId :
HSR-WC-62-072616

Tgt Ion: 264 Resp: 85712
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 20.8 17.5 26.3

