

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092024.D
 Acq On : 29 Dec 2016 15:17
 Operator : UM/SJ
 Sample : H6278-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Dec 29 15:46:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	203733	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	801940	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	446089	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	764907	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	758919	20.00	ng	-0.03
86) Perylene-d12	15.22	264	584759	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	898445	73.63	ng	-0.02
7) Phenol-d6	6.35	99	654962	43.97	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1518670	105.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	517677	140.23	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2153792	101.42	ng	-0.02
78) Terphenyl-d14	12.81	244	2878587	91.99	ng	-0.01

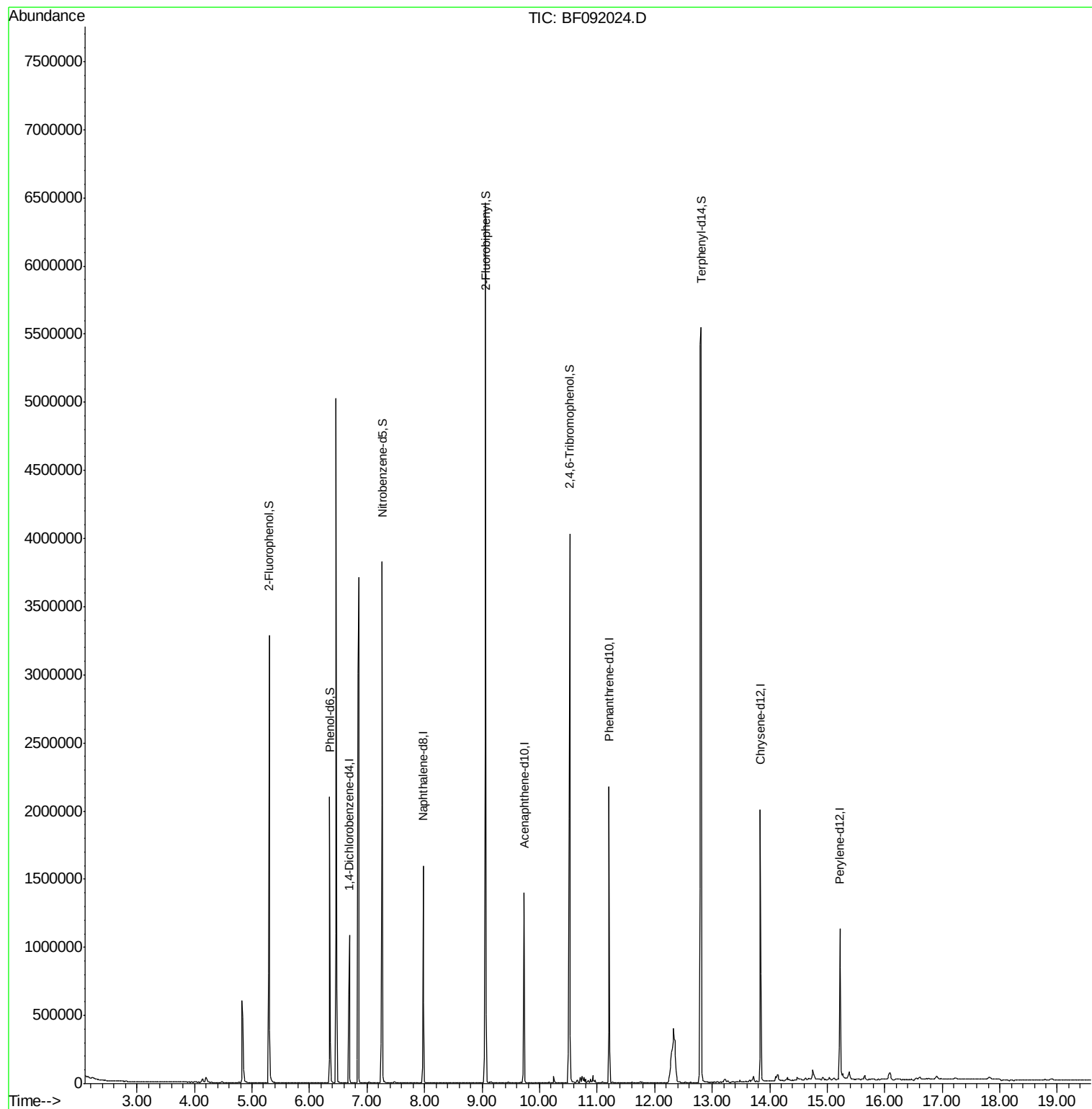
Target Compounds Qvalue

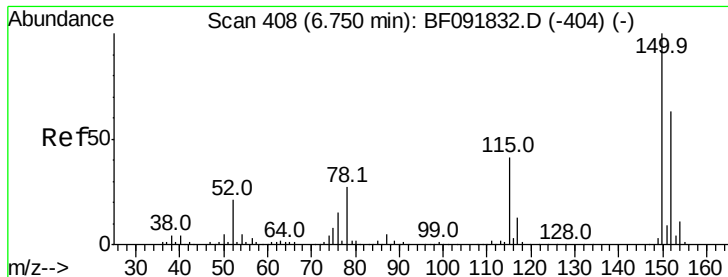
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092024.D
Acq On : 29 Dec 2016 15:17
Operator : UM/SJ
Sample : H6278-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-X

Quant Time: Dec 29 15:46:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration



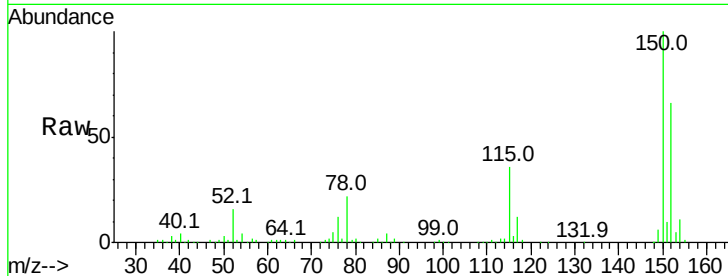


#1

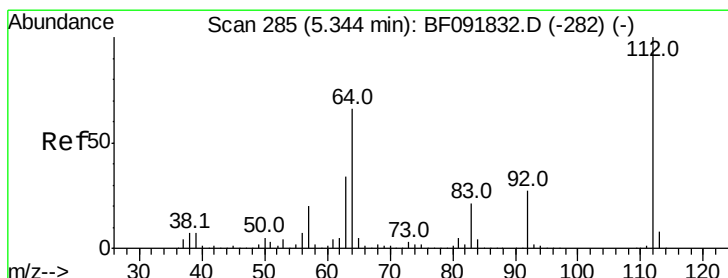
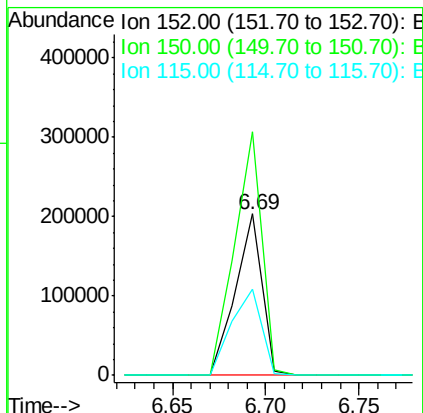
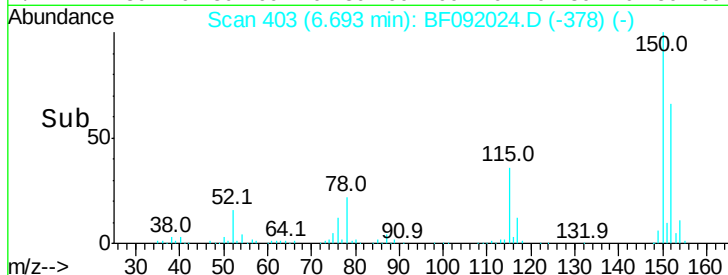
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF092024.D
Acq: 29 Dec 2016 15:17

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.9	187.3
115	53.8	46.0	69.0



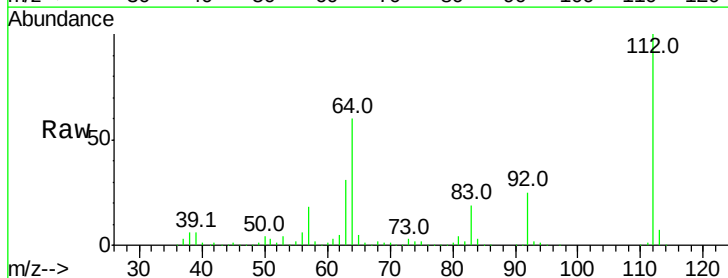
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



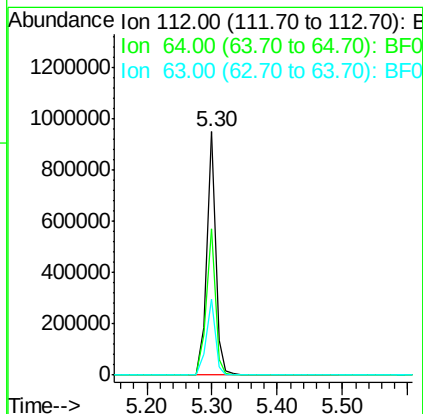
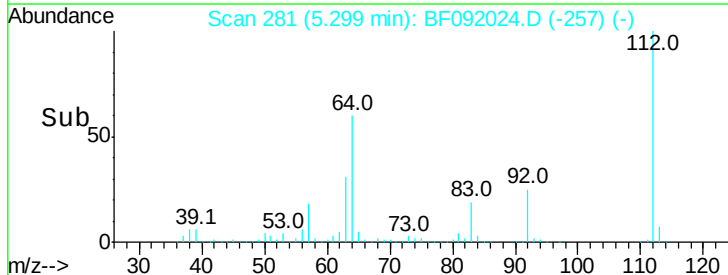
#5

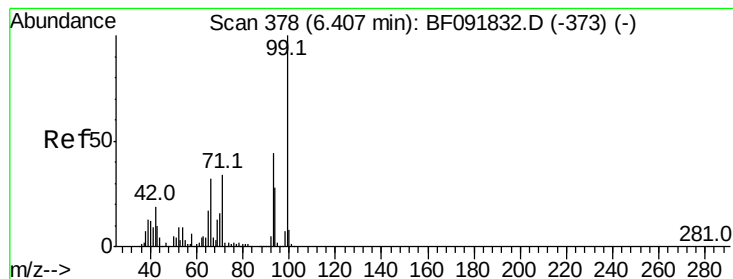
2-Fluorophenol
Concen: 73.63 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092024.D
Acq: 29 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.1	69.1
63	31.2	23.8	35.6



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: 43.97 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092024.D

Acq: 29 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

DUP-X

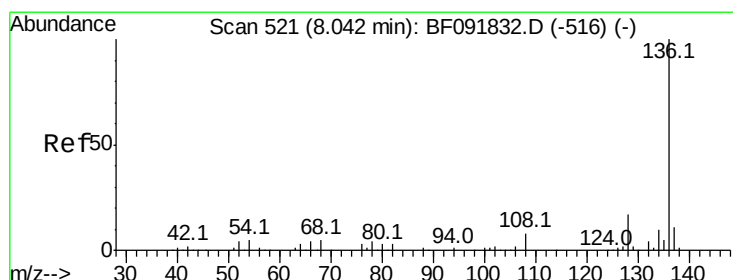
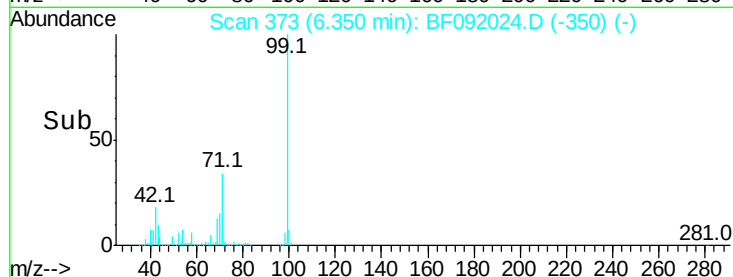
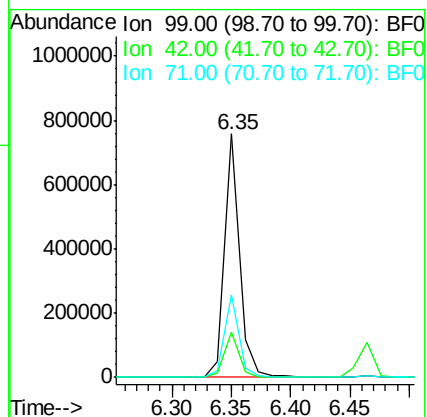
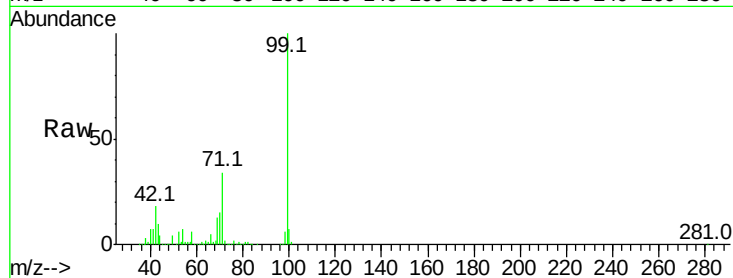
Tot Ion: 99 Resp: 654962

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 34.0 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092024.D

Acq: 29 Dec 2016 15:17

Tgt Ion: 136 Resp: 801940

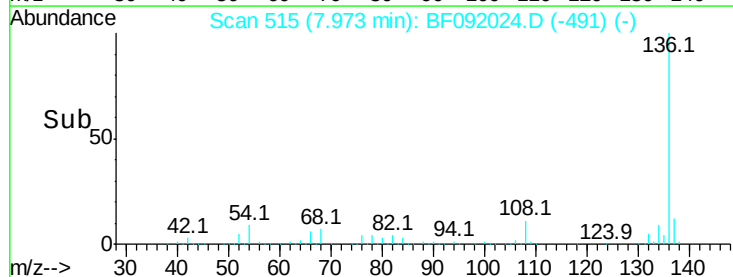
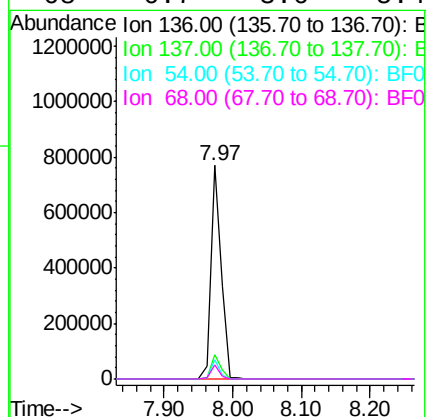
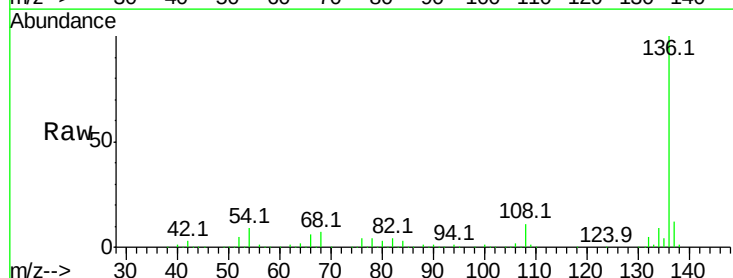
Ion Ratio Lower Upper

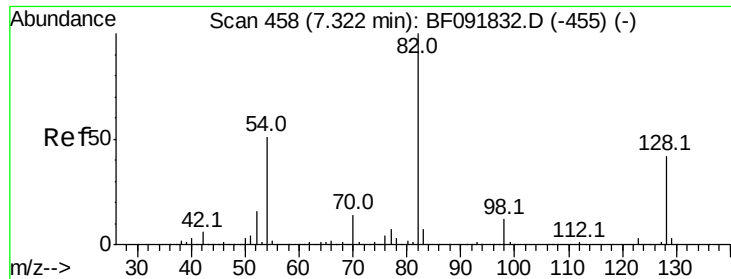
136 100

137 11.5 8.4 12.6

54 9.1 4.5 6.7#

68 6.7 3.6 5.4#



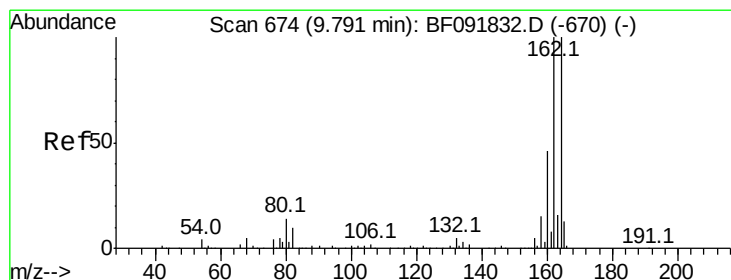
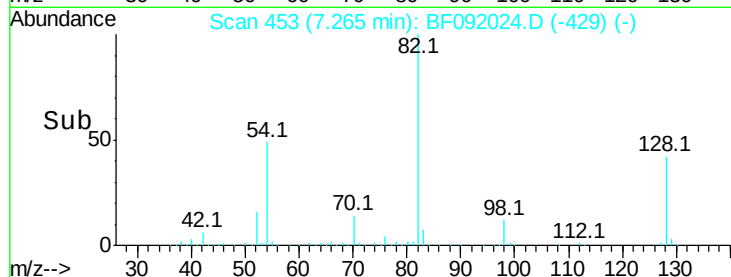
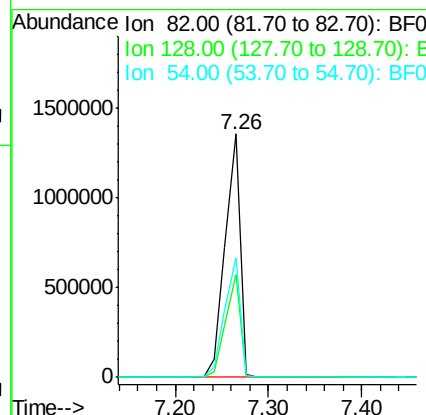
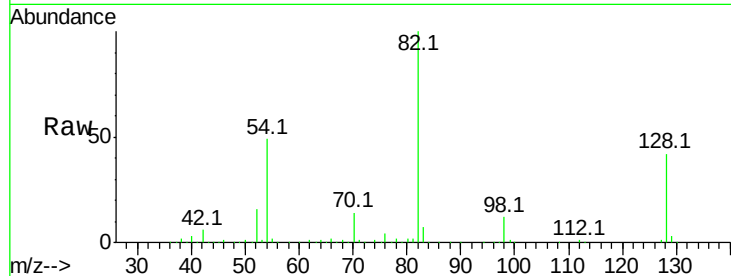


#23
 Nitrobenzene-d5
 Concen: 105.30 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.02 min
 Lab File: BF092024.D
 Acq: 29 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampled :
 DUP-X

Tot Ion: 82 Resp: 1518670

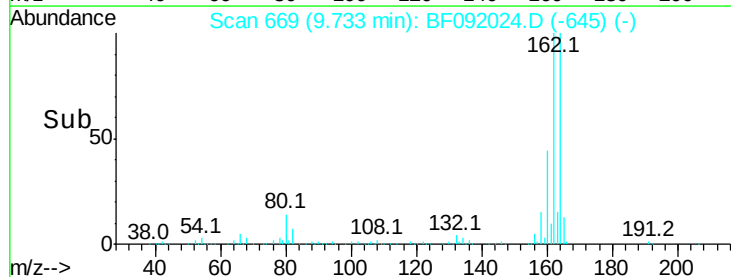
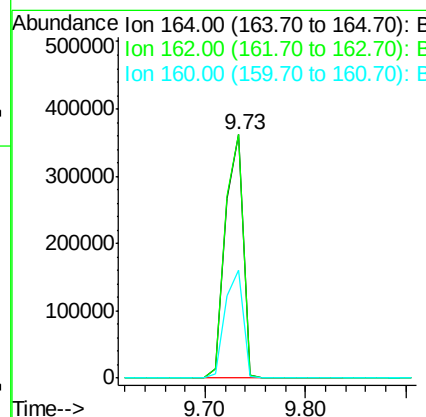
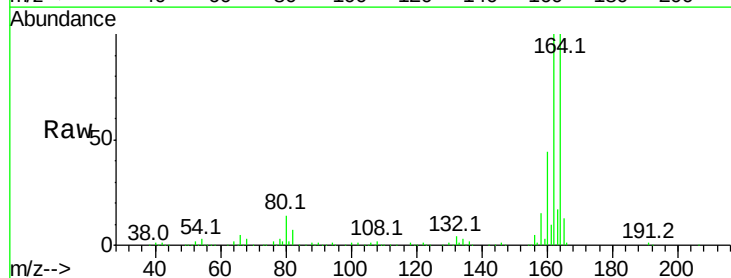
Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.6	52.0
54	48.9	39.5	59.3

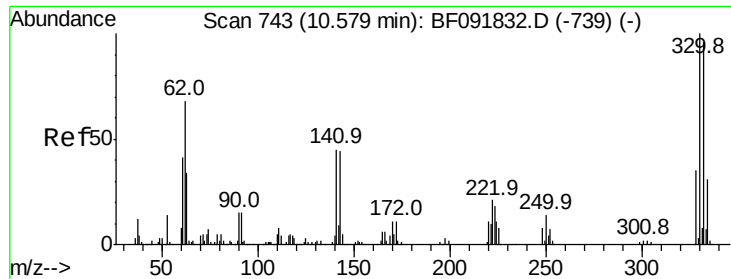


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF092024.D
 Acq: 29 Dec 2016 15:17

Tgt Ion:164 Resp: 446089

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	44.1	36.9	55.3

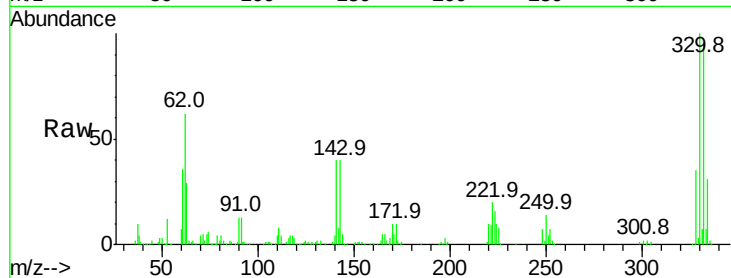




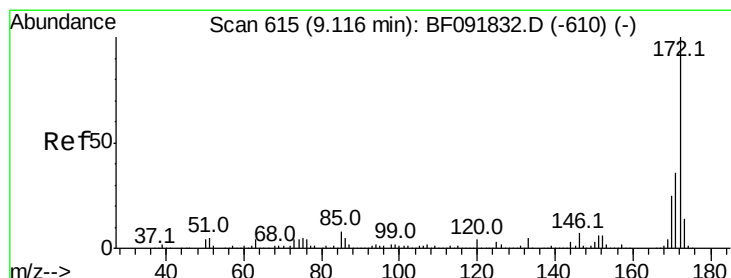
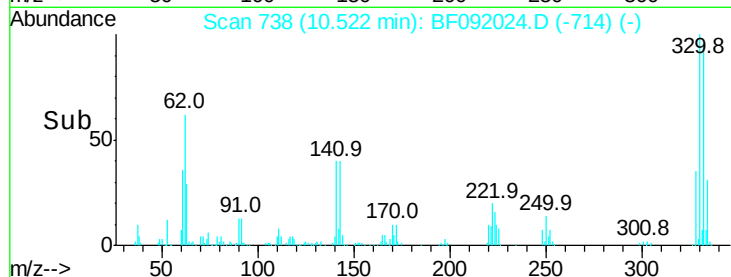
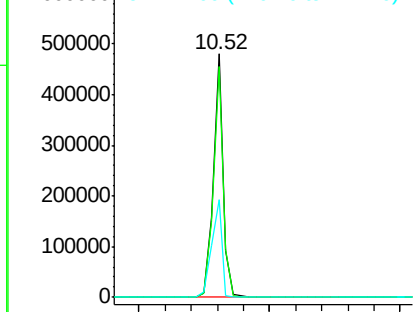
#41
 2,4,6-Tribromophenol
 Concen: 140.23 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF092024.D
 Acq: 29 Dec 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tot Ion:330 Resp: 517677
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 41.6 34.1 51.1

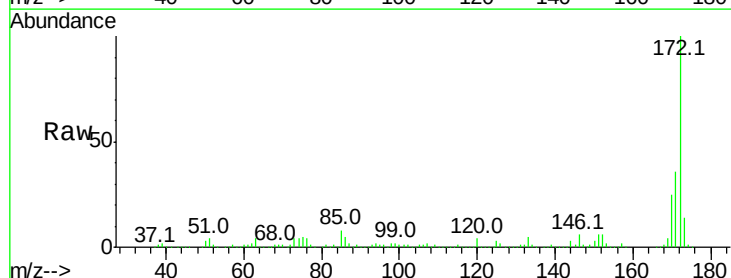


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

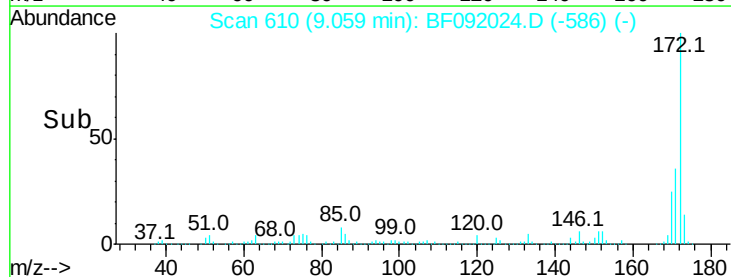
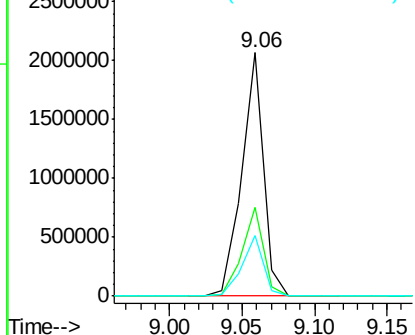


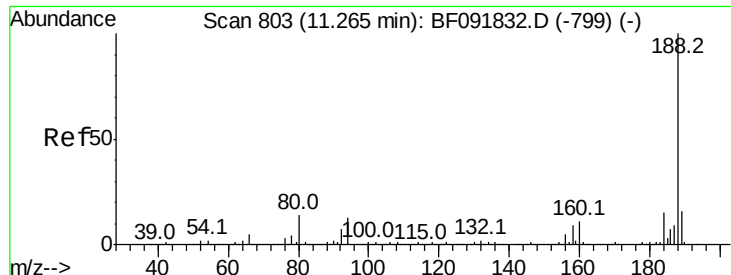
#44
 2-Fluorobiphenyl
 Concen: 101.42 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092024.D
 Acq: 29 Dec 2016 15:17

Tgt Ion:172 Resp: 2153792
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 25.1 20.2 30.4



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

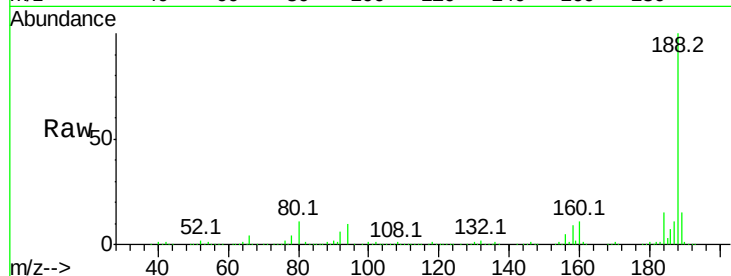




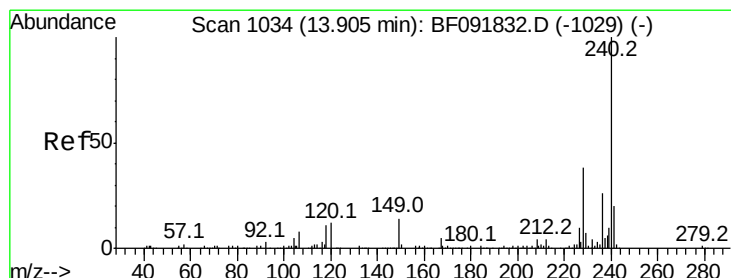
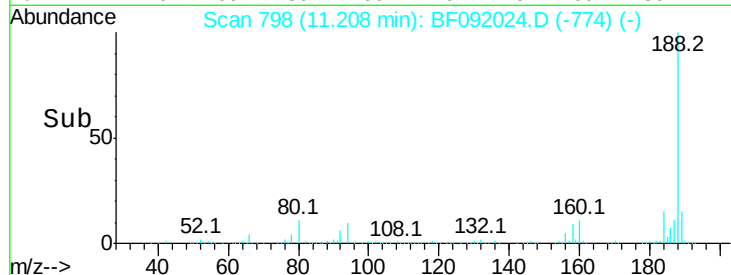
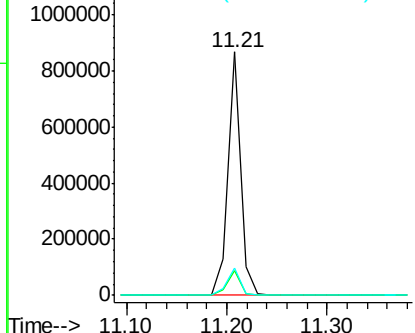
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF092024.D
Acq: 29 Dec 2016 15:17

Instrument :
BNA_F
ClientSampled :
DUP-X

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.0	15.0
80	11.0	11.2	16.8#

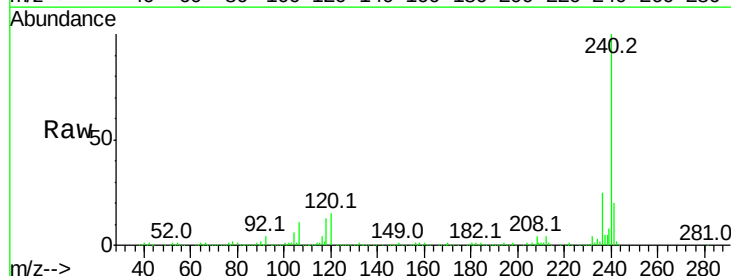


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

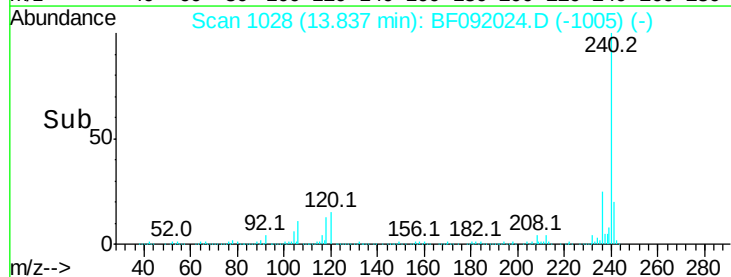
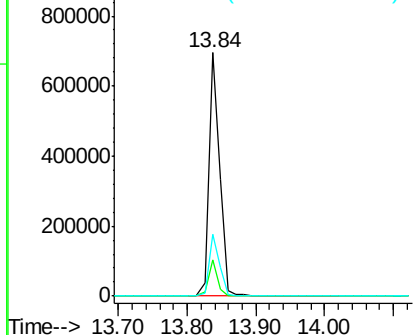


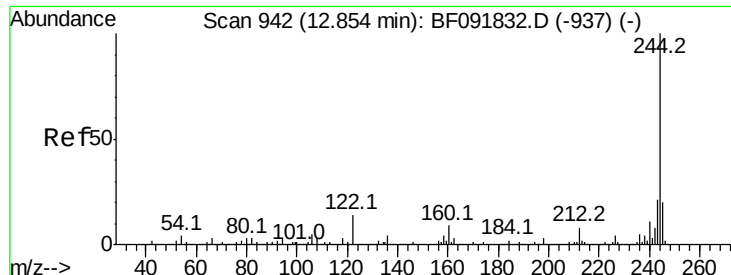
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BF092024.D
Acq: 29 Dec 2016 15:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	12.9	19.3
236	25.3	20.9	31.3



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: 91.99 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092024.D

Acq: 29 Dec 2016 15:17

Instrument :

BNA_F

ClientSampleId :

DUP-X

Tot Ion:244 Resp: 2878587

Ion Ratio Lower Upper

244 100

212 7.1

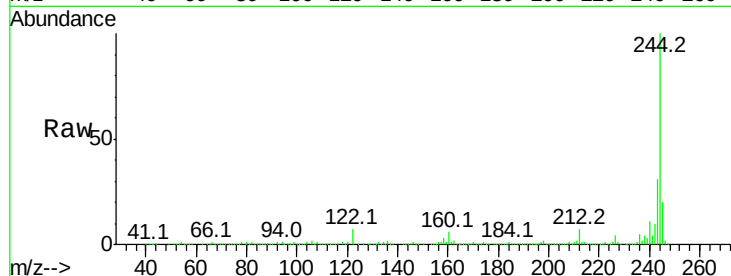
6.2

9.2

122 7.1

11.4

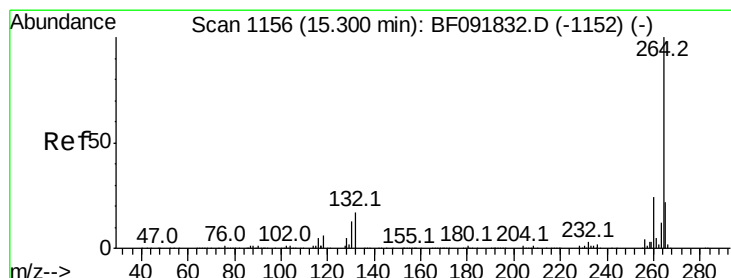
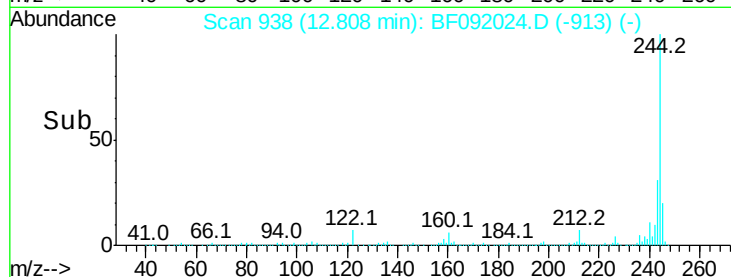
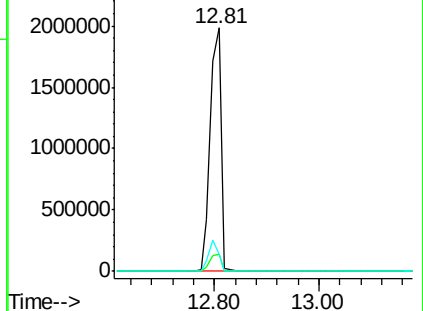
17.2#



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: 15.22 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BF092024.D

Acq: 29 Dec 2016 15:17

Tgt Ion:264 Resp: 584759

Ion Ratio Lower Upper

264 100

260 24.1

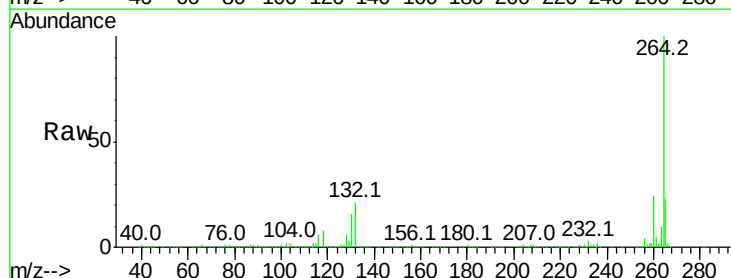
19.2

28.8

265 22.8

17.4

26.0



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

