

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093473.D
 Acq On : 9 Mar 2017 13:05
 Operator : SJ/MA
 Sample : I2129-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-33

Quant Time: Mar 09 13:29:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	184801	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	705153	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	298001	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	428030	20.00	ng	0.01
75) Chrysene-d12	13.93	240	380220	20.00	ng	0.01
86) Perylene-d12	15.35	264	288101	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1406199	126.64	ng	0.02
7) Phenol-d6	6.41	99	1724712	123.18	ng	0.00
23) Nitrobenzene-d5	7.34	82	1169448	92.02	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	227302	117.07	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1700085	106.11	ng	0.00
78) Terphenyl-d14	12.87	244	1046891	71.59	ng	0.00

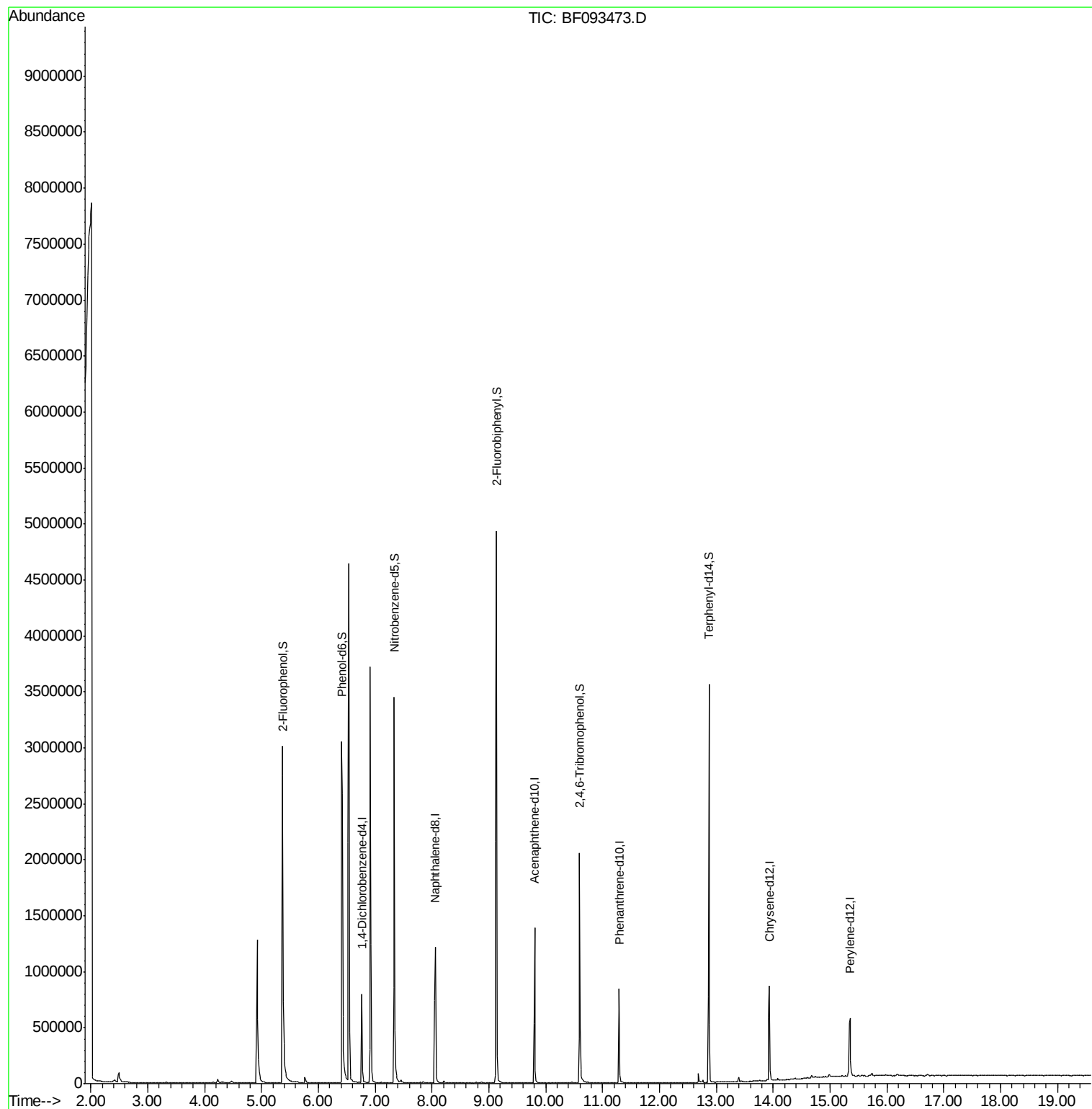
Target Compounds Qvalue

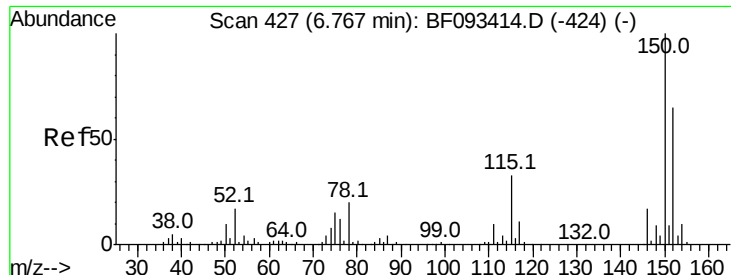
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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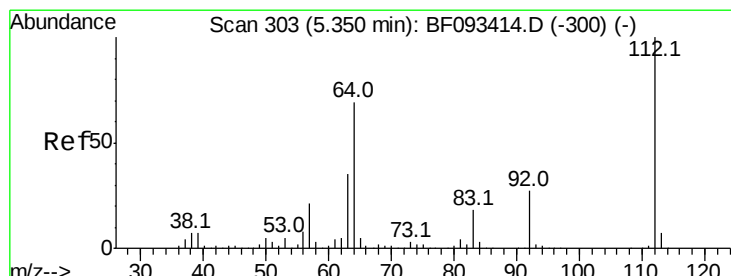
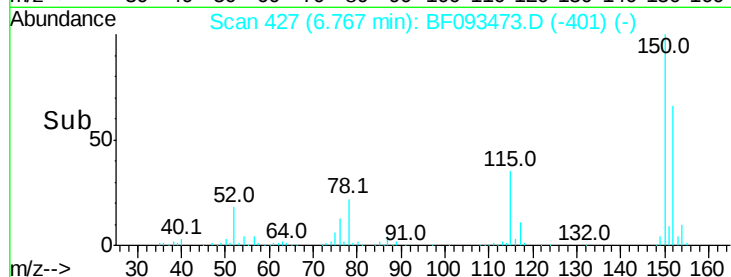
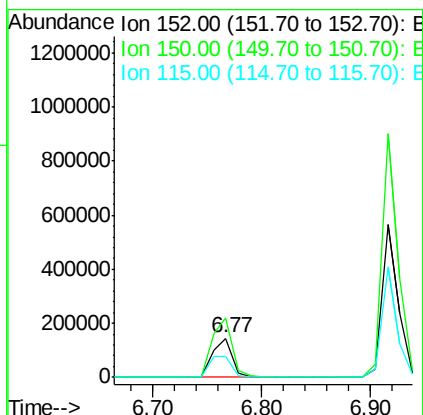
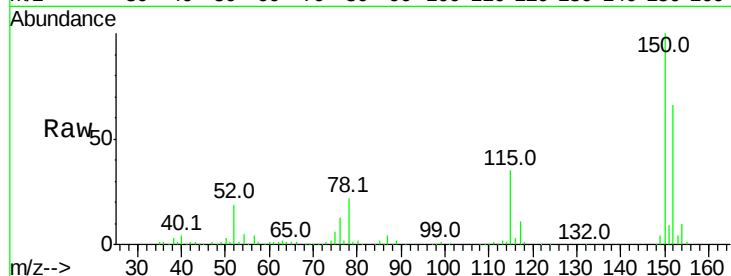


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Instrument :
BNA_F
ClientSampleId :
D-33

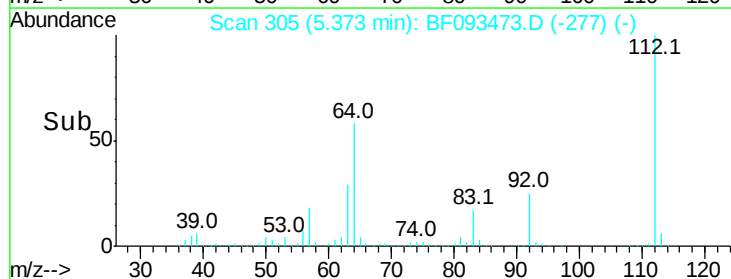
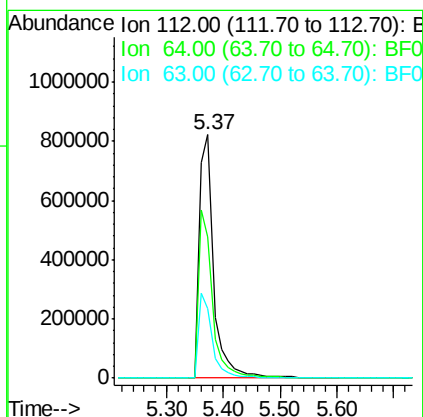
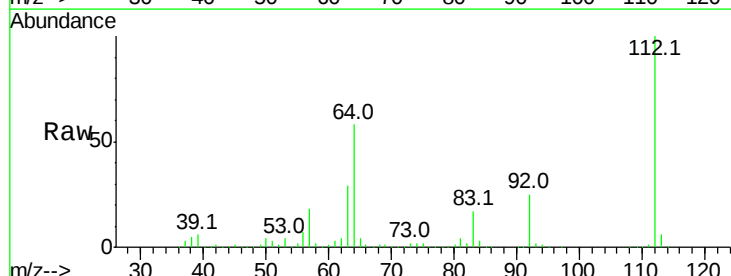
Tot Ion:152 Resp: 184801
Ion Ratio Lower Upper
152 100
150 151.3 124.9 187.3
115 52.5 46.0 69.0

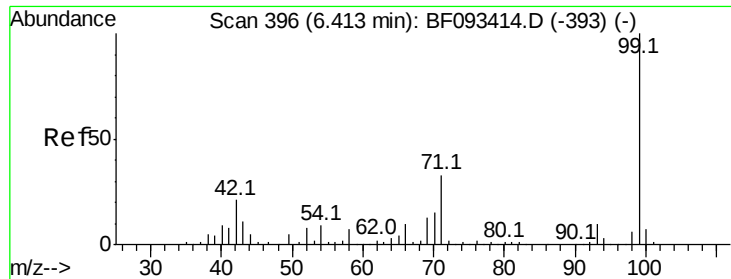


#5

2-Fluorophenol
Concen: 126.64 ng
RT: 5.37 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:112 Resp: 1406199
Ion Ratio Lower Upper
112 100
64 57.8 46.1 69.1
63 28.7 23.8 35.6





#7

Phenol-d6

Concen: 123.18 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

Instrument :

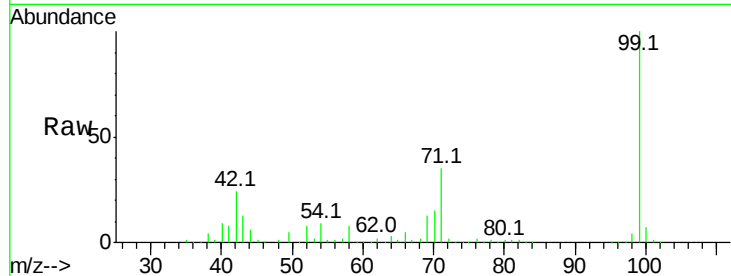
BNA_F

ClientSampled :

D-33

Tot Ion: 99 Resp: 1724712

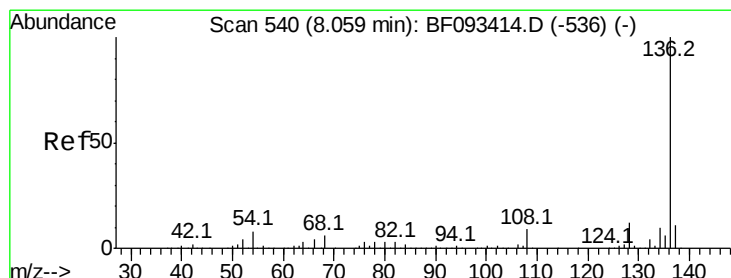
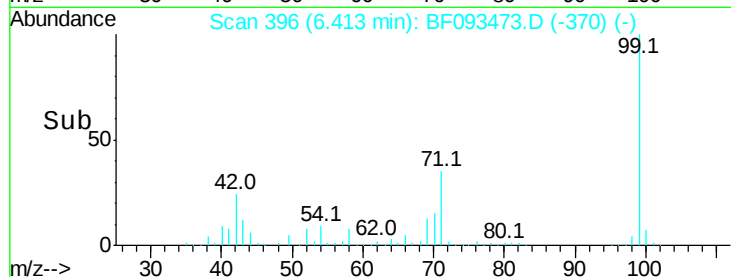
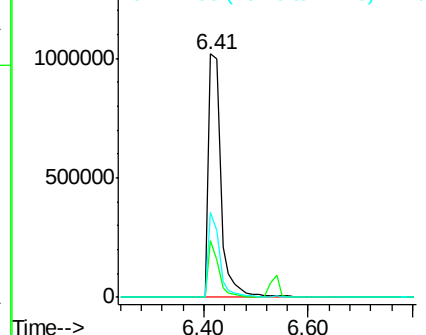
Ion	Ratio	Lower	Upper
99	100		
42	23.6	15.6	23.4#
71	34.7	27.5	41.3



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: 8.06 min Scan# 540

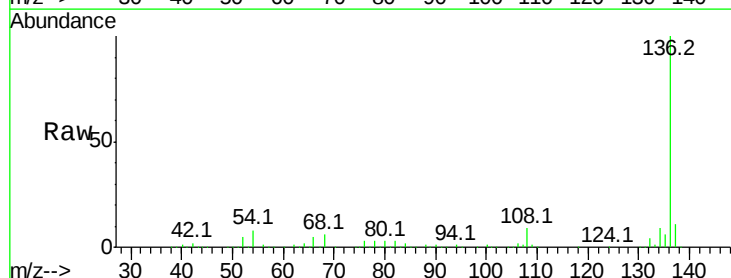
Delta R.T. 0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

Tgt Ion: 136 Resp: 705153

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.3	4.5	6.7#
68	6.2	3.6	5.4#

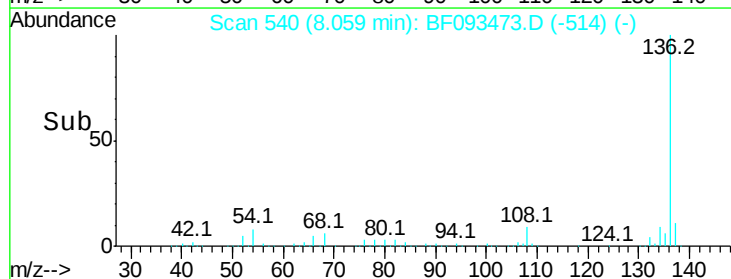
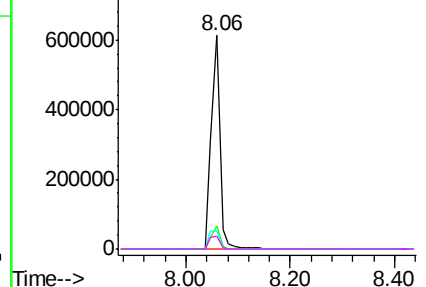


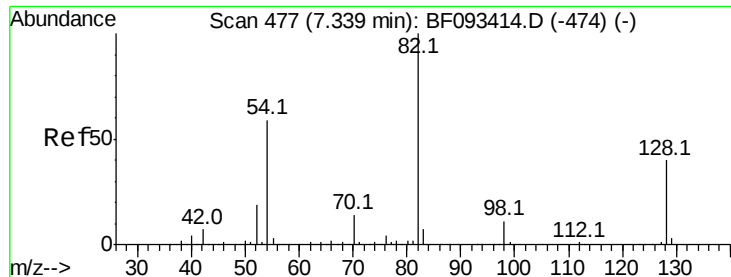
Abundance Ion 136.00 (135.70 to 136.70): E

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



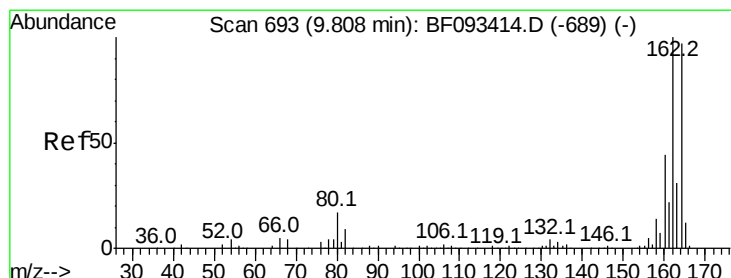
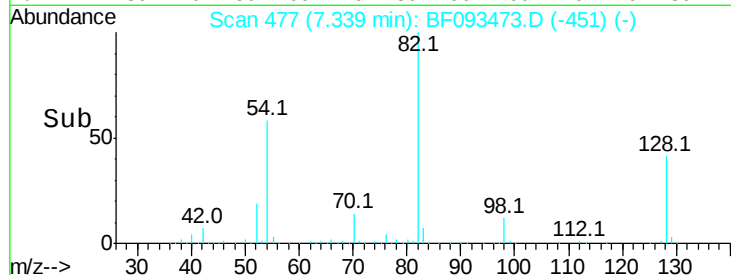
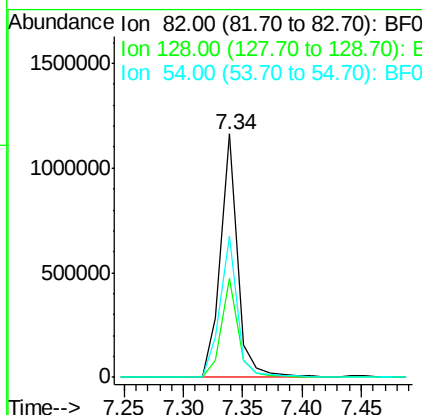
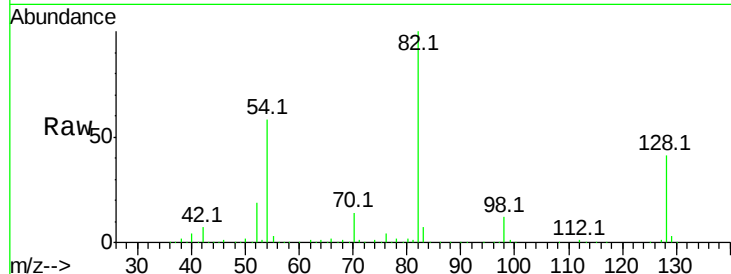


#23
 Nitrobenzene-d5
 Concen: 92.02 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Instrument :
 BNA_F
 ClientSampleID :
 D-33

Tot Ion: 82 Resp: 1169448

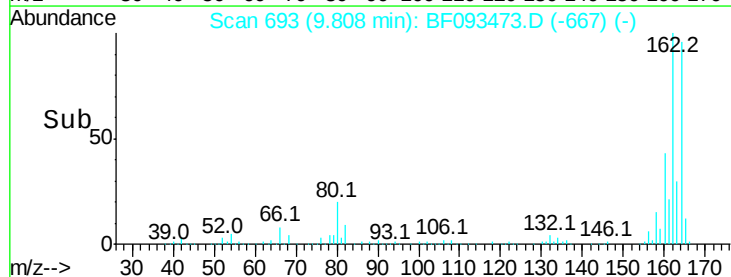
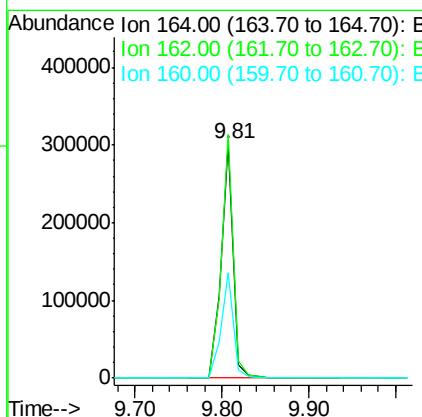
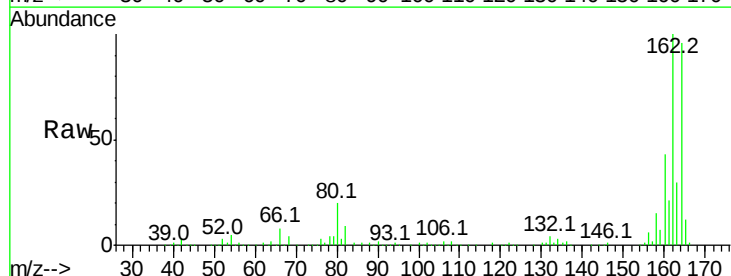
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	52.0
54	58.1	39.5	59.3

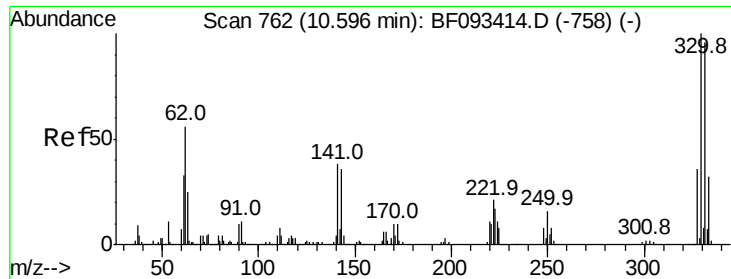


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Tgt Ion: 164 Resp: 298001

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.2	120.2
160	45.1	36.9	55.3

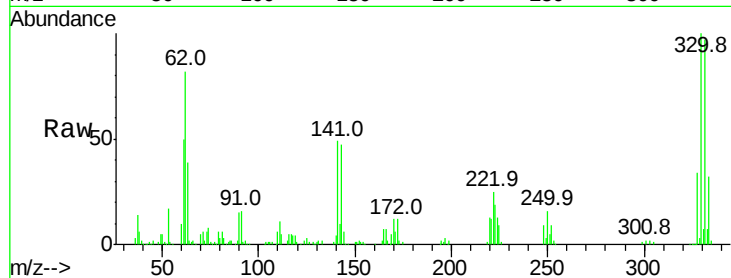




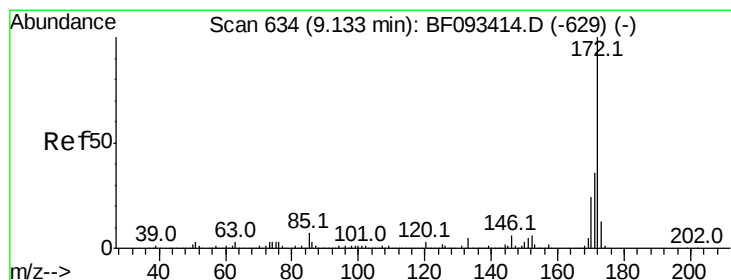
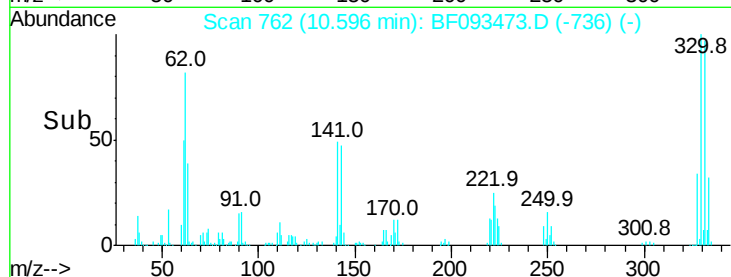
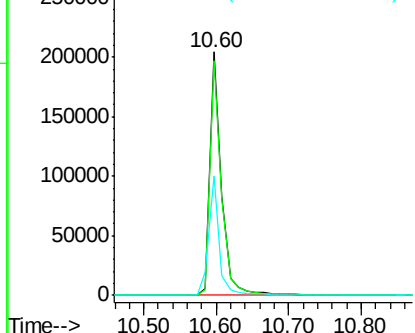
#41
 2,4,6-Tribromophenol
 Concen: 117.07 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Instrument :
 BNA_F
 ClientSampleId :
 D-33

Tot Ion:330 Resp: 227302
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 45.4 34.1 51.1

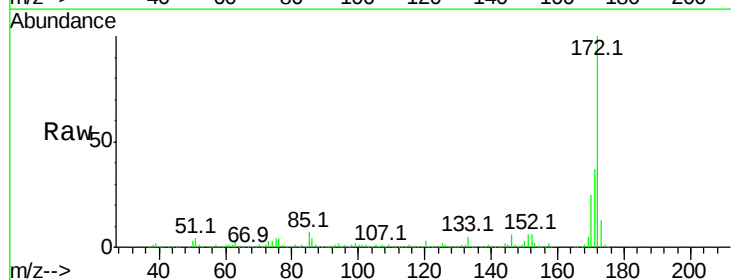


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

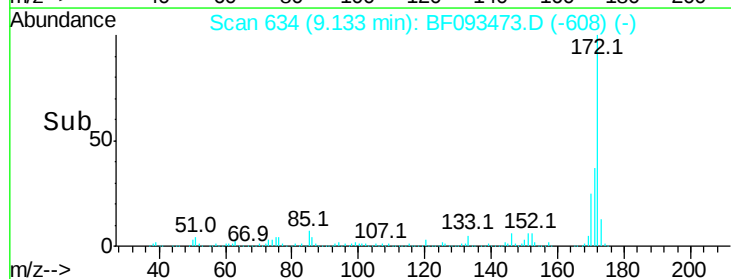
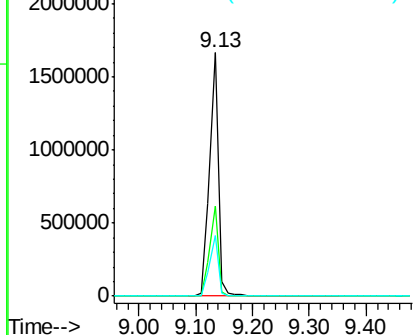


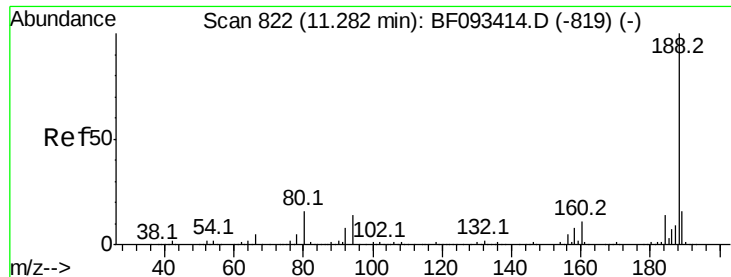
#44
 2-Fluorobiphenyl
 Concen: 106.11 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093473.D
 Acq: 9 Mar 2017 13:05

Tgt Ion:172 Resp: 1700085
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.8 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

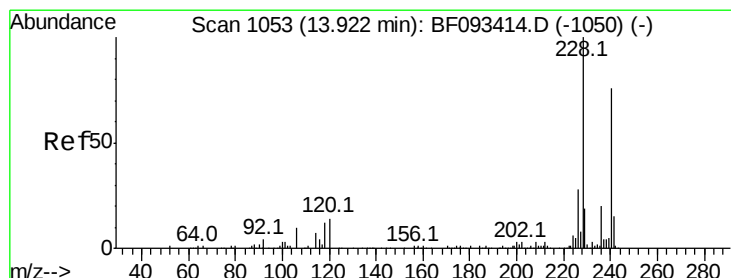
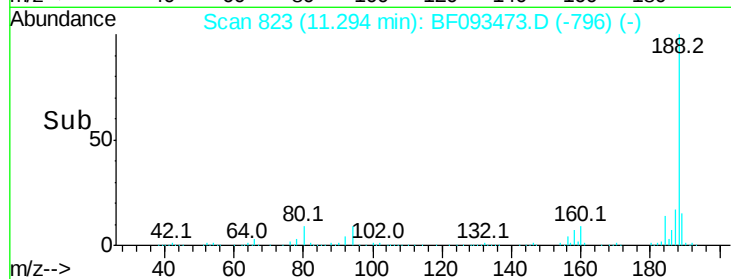
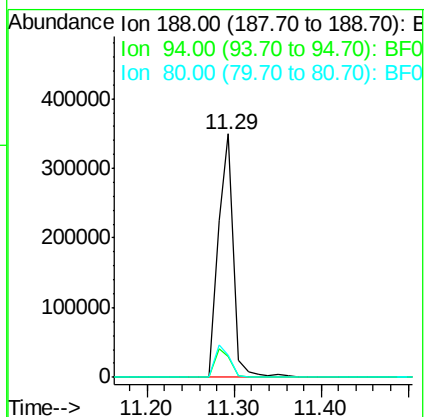
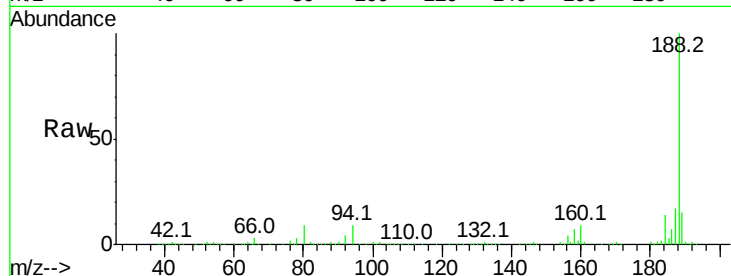




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

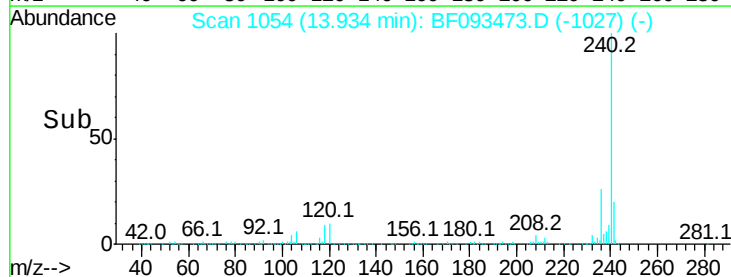
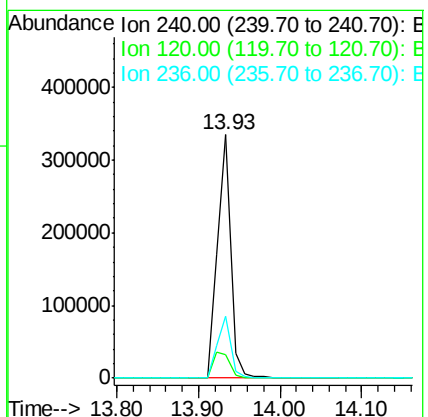
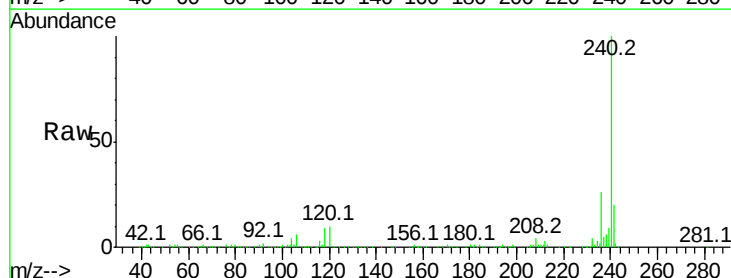
Instrument :
BNA_F
ClientSampleId :
D-33

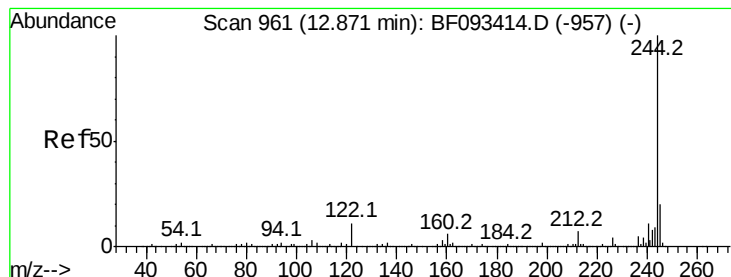
Tot Ion:188 Resp: 428030
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 8.9 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093473.D
Acq: 9 Mar 2017 13:05

Tgt Ion:240 Resp: 380220
Ion Ratio Lower Upper
240 100
120 9.7 12.9 19.3#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 71.59 ng

RT: 12.87 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

Instrument :

BNA_F

ClientSampleId :

D-33

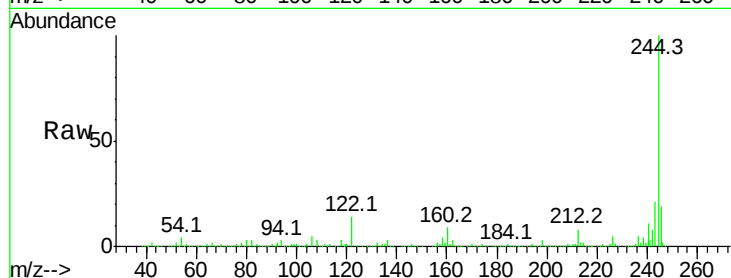
Tot Ion:244 Resp: 1046891

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

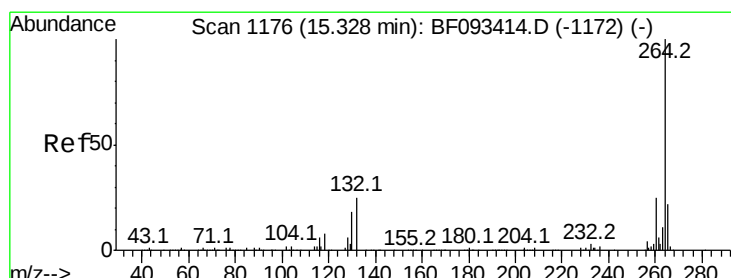
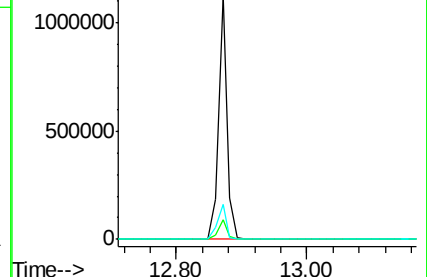
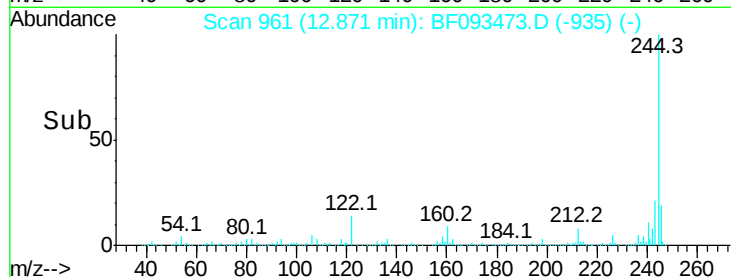
122 14.3 11.4 17.2



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: 15.35 min Scan# 1178

Delta R.T. 0.02 min

Lab File: BF093473.D

Acq: 9 Mar 2017 13:05

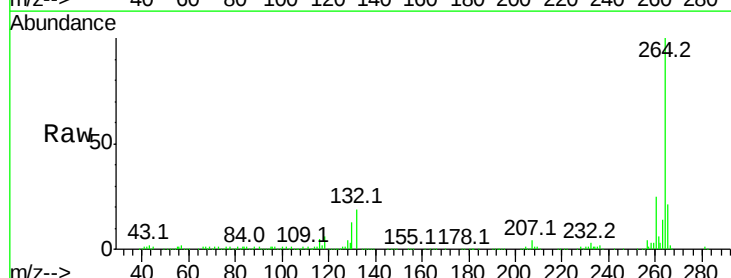
Tgt Ion:264 Resp: 288101

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.2 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

