

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093713.D
 Acq On : 16 Mar 2017 18:29
 Operator : SJ/MA
 Sample : I2261-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

Quant Time: Mar 17 03:29:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

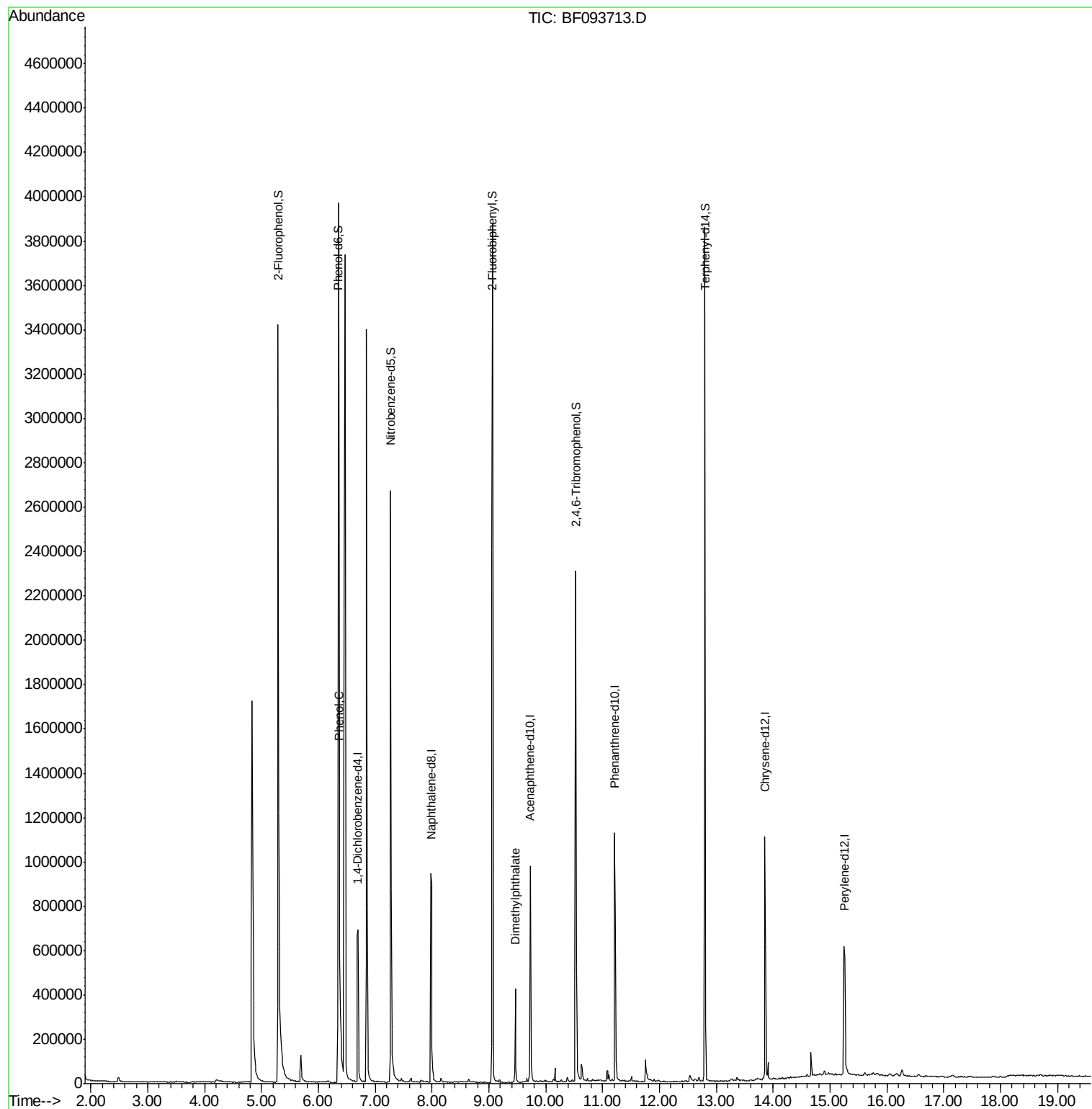
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	170555	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	675700	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	298130	20.00	ng	-0.03
63) Phenanthrene-d10	11.21	188	566611	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	471750	20.00	ng	-0.03
86) Perylene-d12	15.26	264	336444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1282927	125.19	ng	-0.02
7) Phenol-d6	6.36	99	1556718	120.46	ng	-0.02
23) Nitrobenzene-d5	7.27	82	989100	81.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	276680	142.44	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1585687	98.93	ng	-0.02
78) Terphenyl-d14	12.80	244	1274268	70.23	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	144007	9.09	ng	88
49) Dimethylphthalate	9.46	163	179929	9.10	ng	100

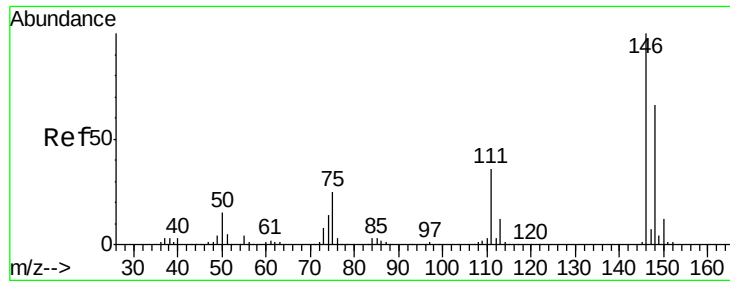
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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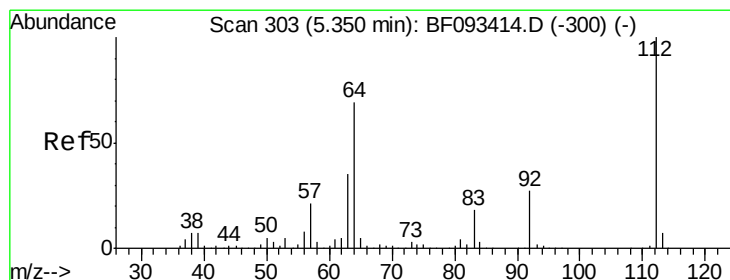
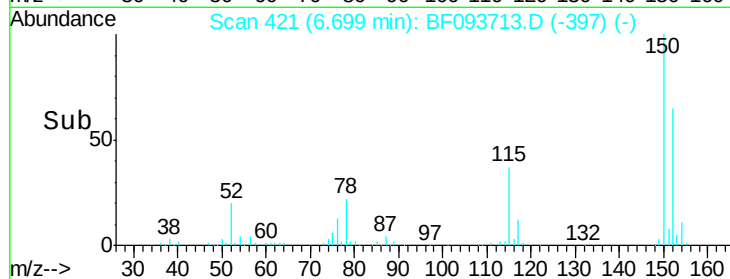
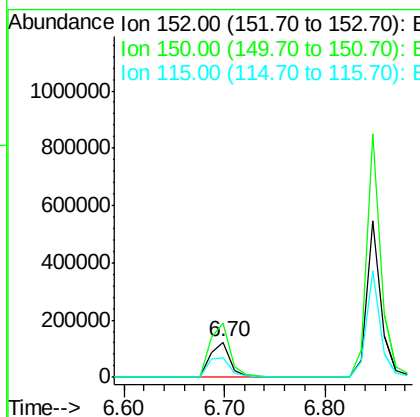
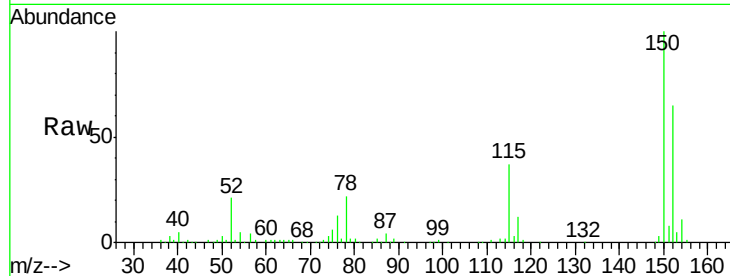




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

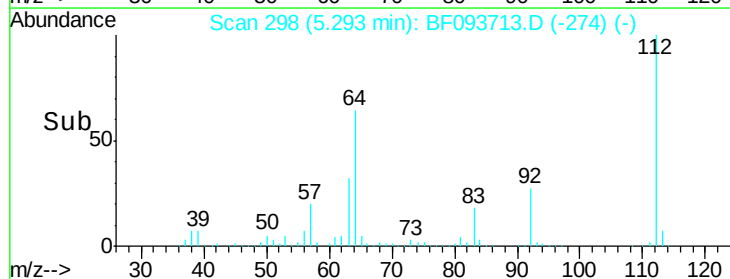
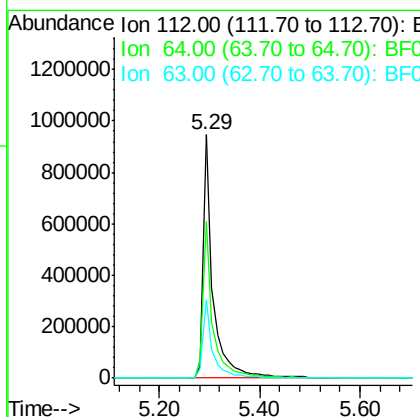
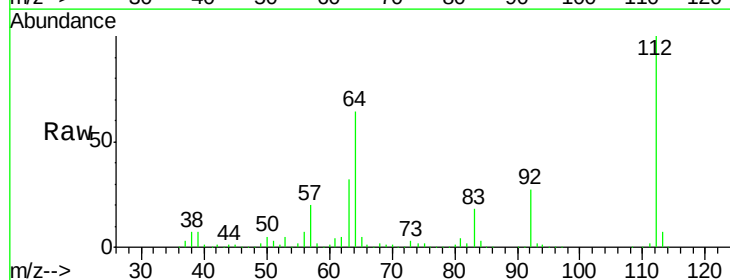
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

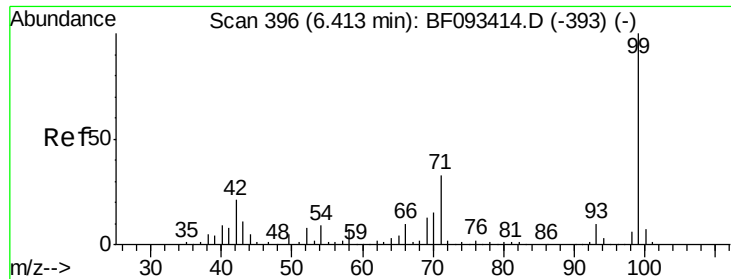
Tot Ion:152 Resp: 170555
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.9 187.3
 115 56.2 46.0 69.0



#5
 2-Fluorophenol
 Concen: 125.19 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

Tgt Ion:112 Resp: 1282927
 Ion Ratio Lower Upper
 112 100
 64 64.2 46.1 69.1
 63 32.4 23.8 35.6





#7

Phenol-d6

Concen: 120.46 ng

RT: 6.36 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF093713.D

Acq: 16 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

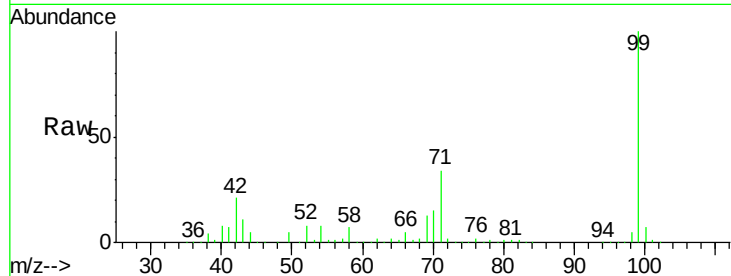
Tot Ion: 99 Resp: 1556718

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

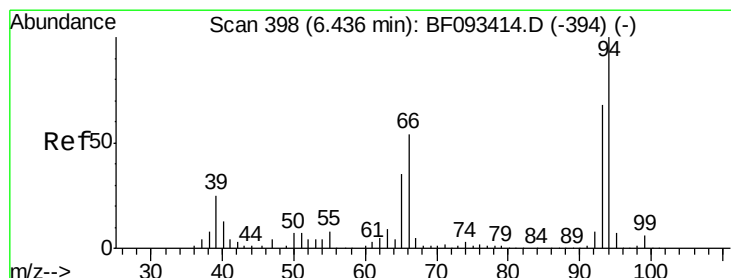
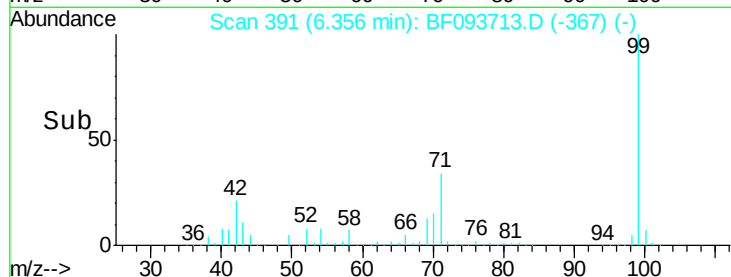
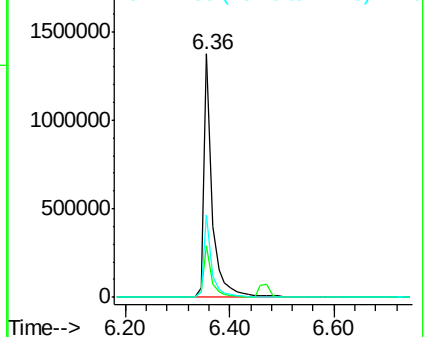
71 33.9 27.5 41.3



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



#10

Phenol

Concen: 9.09 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF093713.D

Acq: 16 Mar 2017 18:29

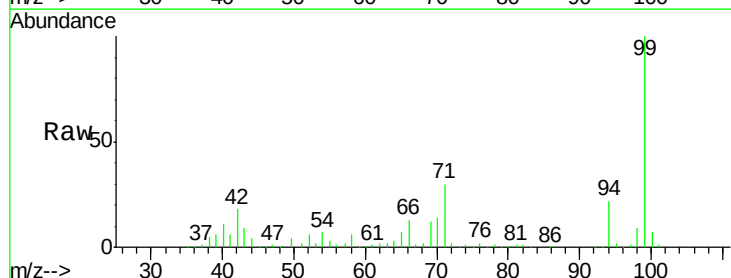
Tgt Ion: 94 Resp: 144007

Ion Ratio Lower Upper

94 100

65 31.1 21.4 61.4

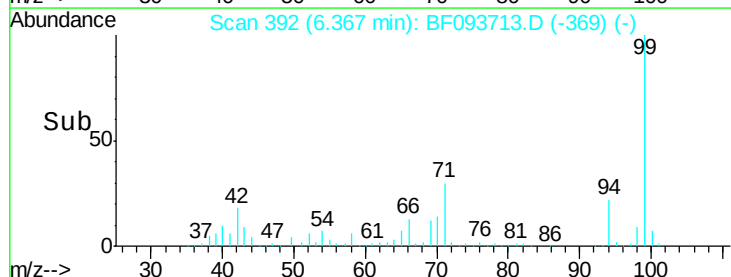
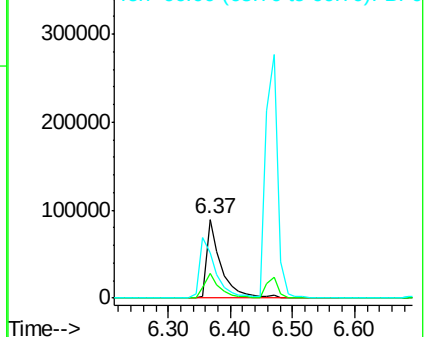
66 56.9 44.0 84.0

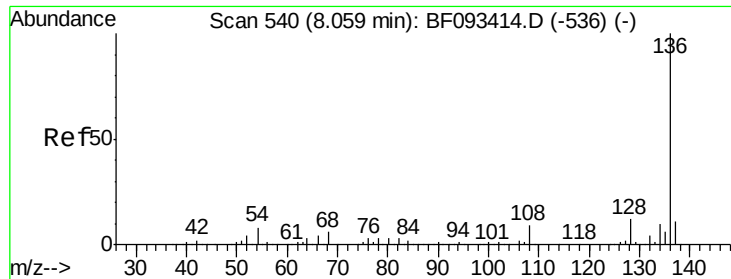


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

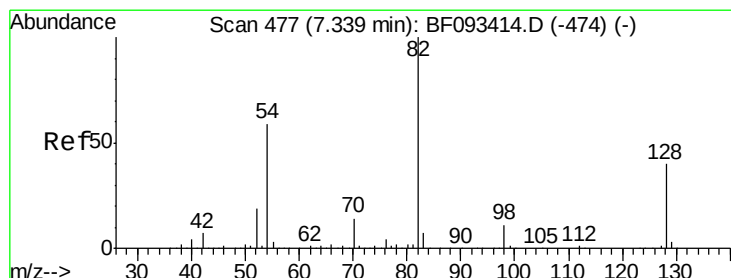
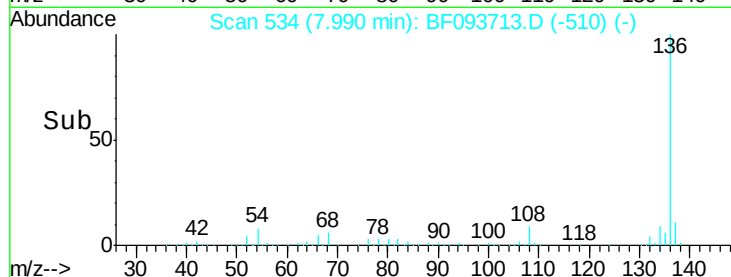
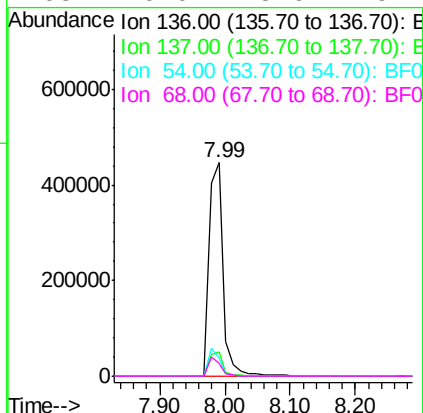
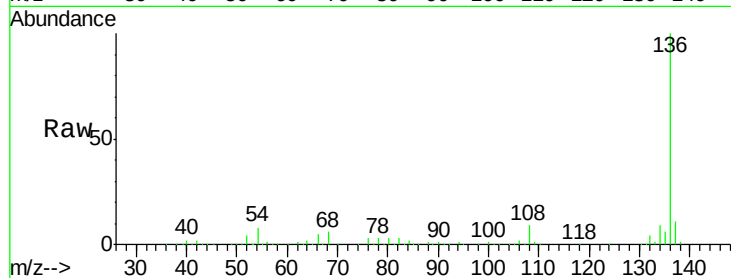




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF093713.D
Acq: 16 Mar 2017 18:29

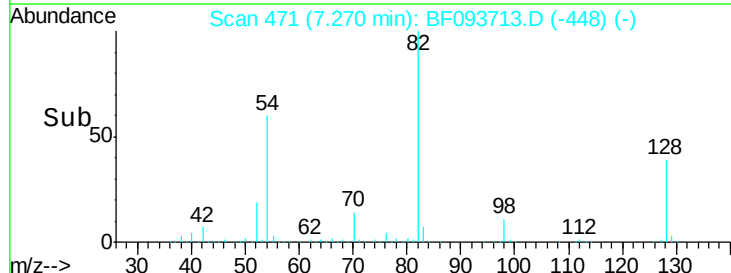
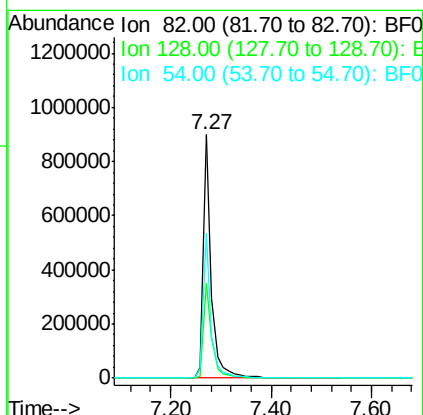
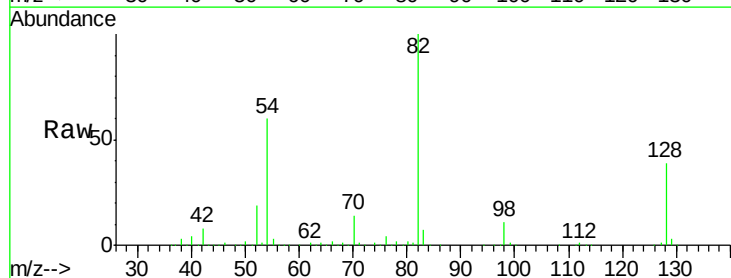
Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

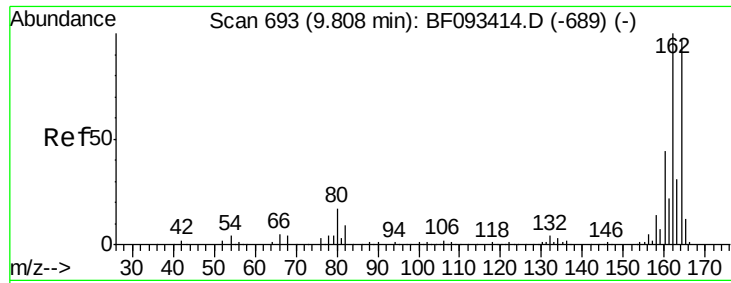
Tot Ion:136	Resp:	675700
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.4 12.6
54	8.2	4.5 6.7#
68	6.0	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 81.22 ng
RT: 7.27 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF093713.D
Acq: 16 Mar 2017 18:29

Tgt Ion: 82	Resp:	989100
Ion	Ratio	Lower Upper
82	100	
128	39.0	34.6 52.0
54	59.8	39.5 59.3#

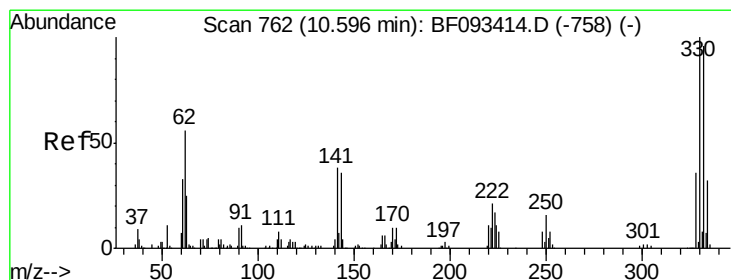
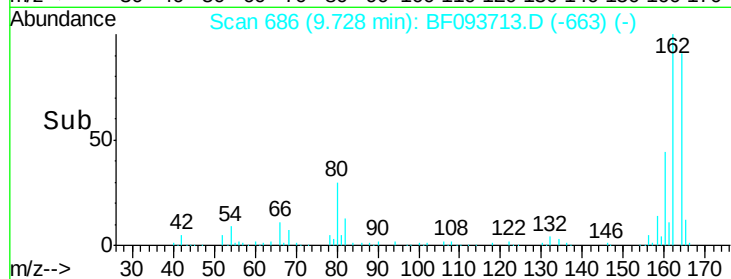
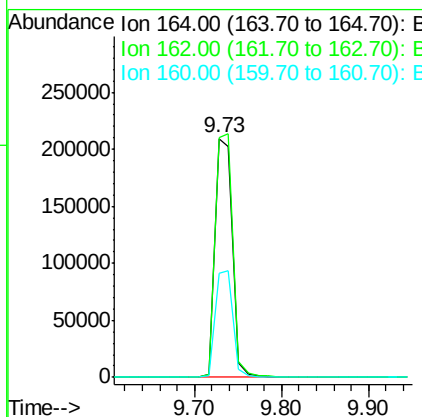
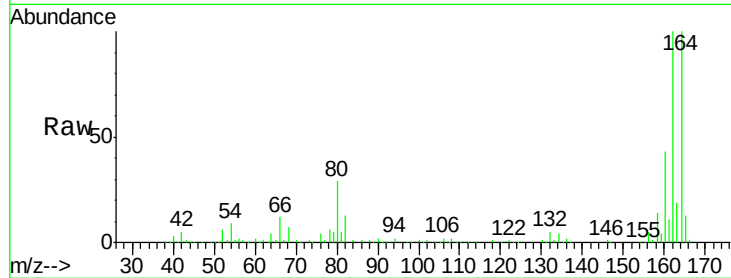




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

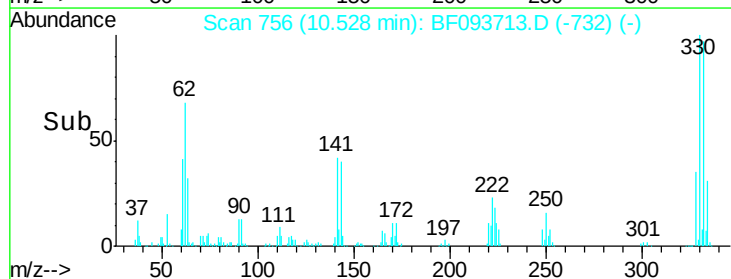
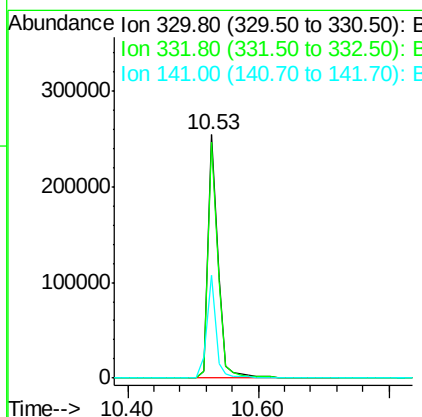
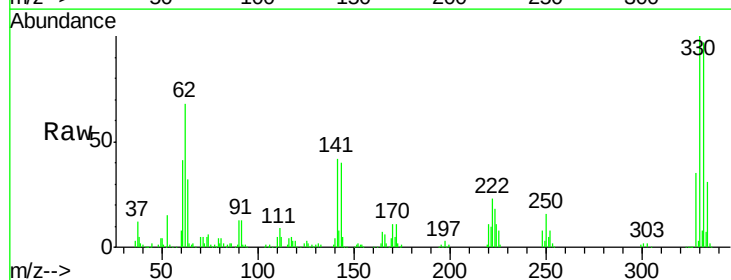
Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

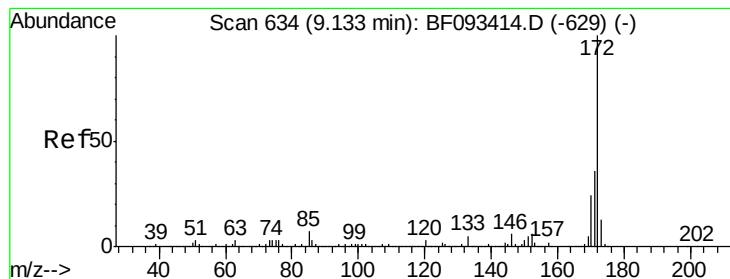
Tot Ion:164 Resp: 298130
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 43.6 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 142.44 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

Tgt Ion:330 Resp: 276680
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 38.4 34.1 51.1



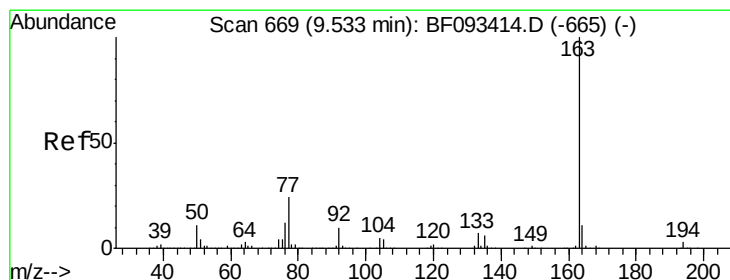
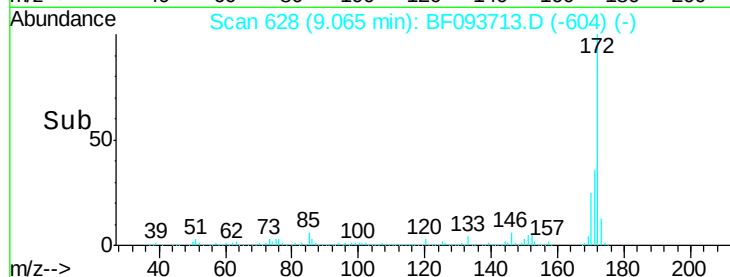
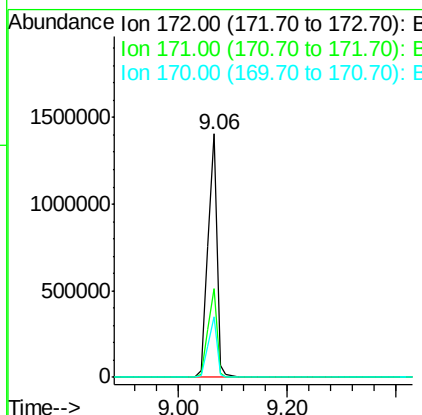
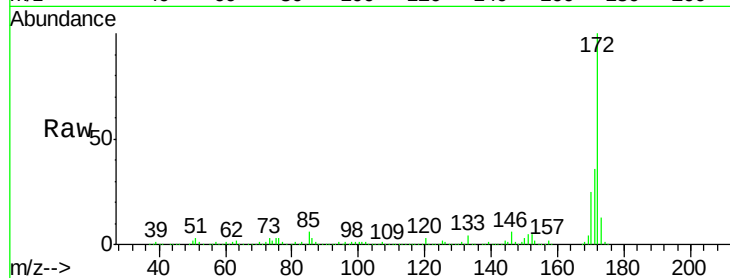


#44
 2-Fluorobiphenyl
 Concen: 98.93 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 TRAP-ROCK-FINES

Tot Ion:172 Resp: 1585687

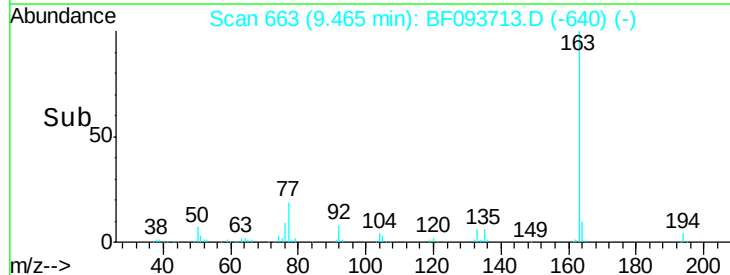
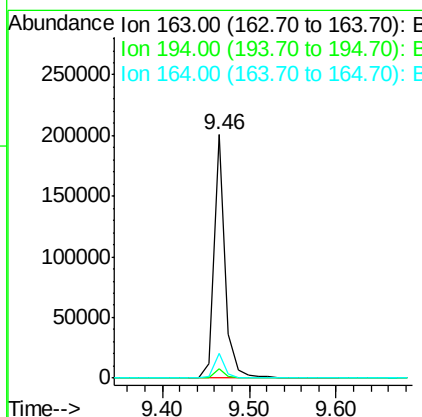
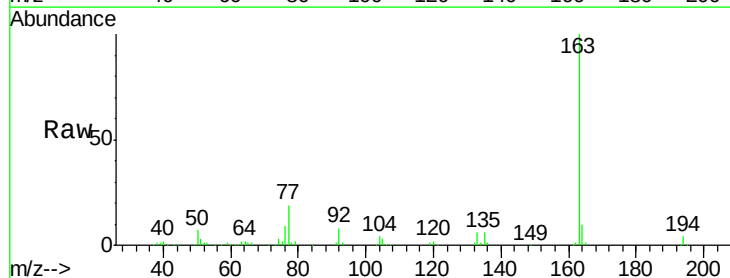
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4

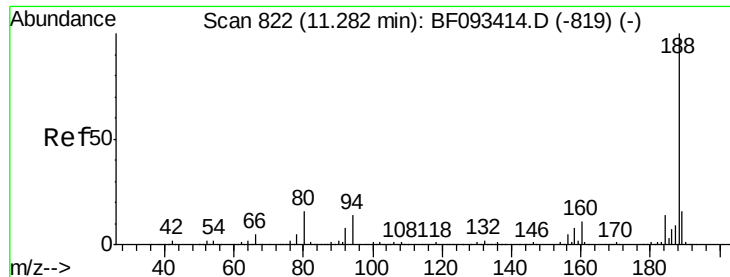


#49
 Dimethylphthalate
 Concen: 9.10 ng
 RT: 9.46 min Scan# 663
 Delta R.T. -0.03 min
 Lab File: BF093713.D
 Acq: 16 Mar 2017 18:29

Tgt Ion:163 Resp: 179929

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.2	8.0	12.0

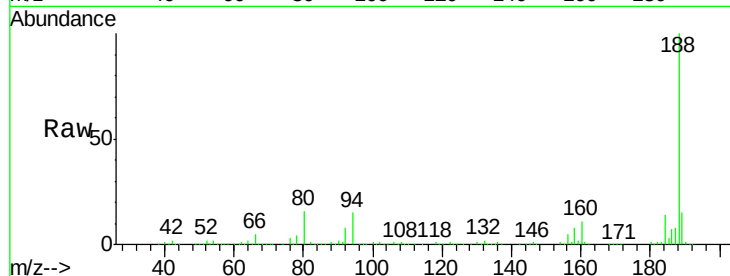




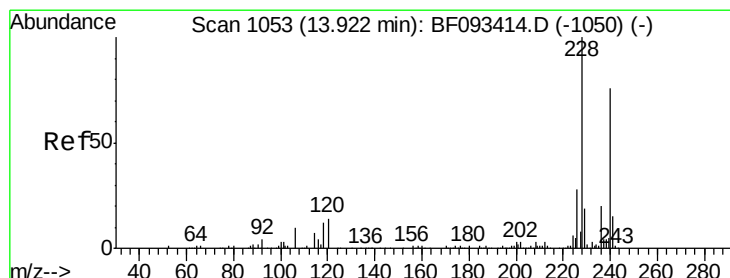
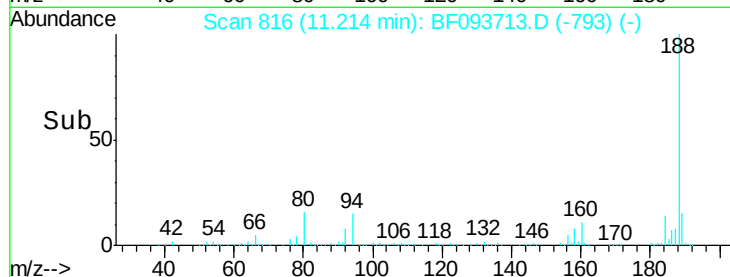
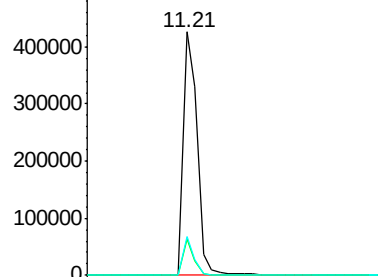
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF093713.D
Acq: 16 Mar 2017 18:29

Instrument :
BNA_F
ClientSampleId :
TRAP-ROCK-FINES

Tot Ion:188 Resp: 566611
Ion Ratio Lower Upper
188 100
94 14.9 10.0 15.0
80 15.8 11.2 16.8

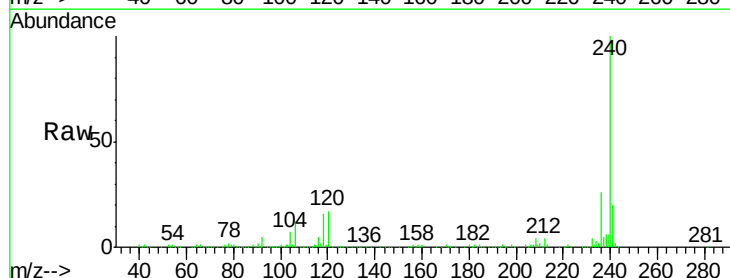


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

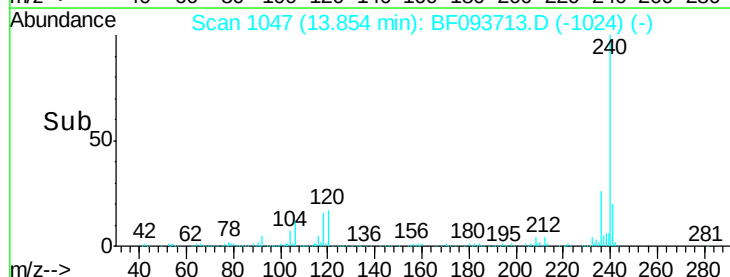
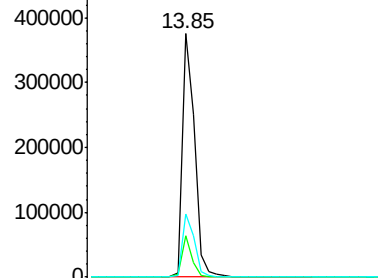


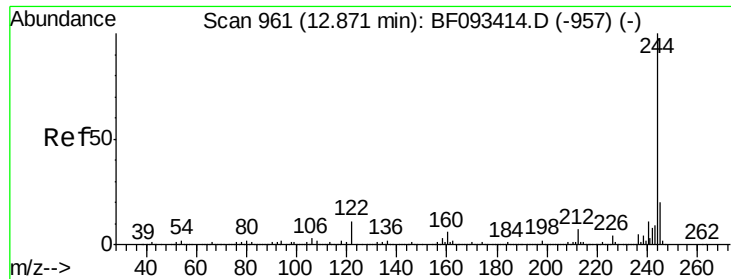
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF093713.D
Acq: 16 Mar 2017 18:29

Tgt Ion:240 Resp: 471750
Ion Ratio Lower Upper
240 100
120 17.0 12.9 19.3
236 25.7 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: 70.23 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093713.D

Acq: 16 Mar 2017 18:29

Instrument :

BNA_F

ClientSampleId :

TRAP-ROCK-FINES

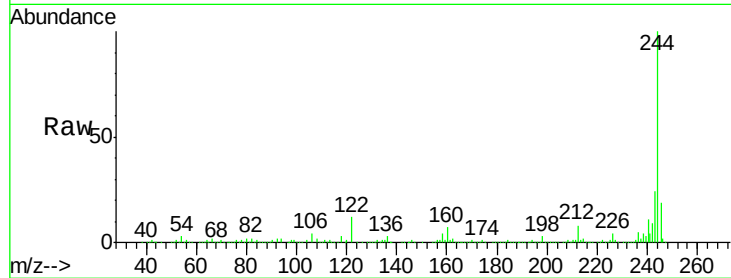
Tot Ion:244 Resp: 1274268

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

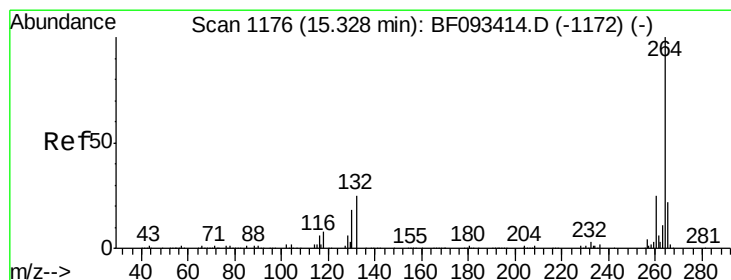
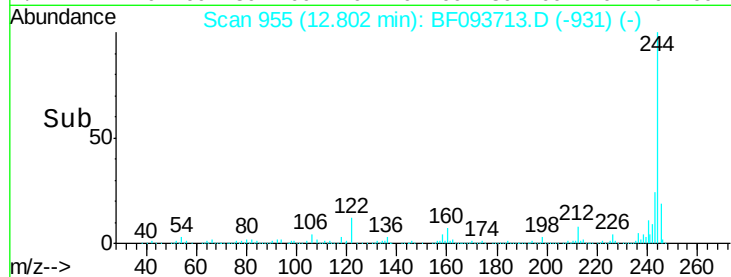
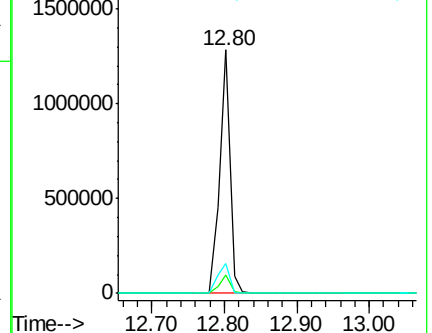
122 12.3 11.4 17.2



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: 15.26 min Scan# 1170

Delta R.T. -0.02 min

Lab File: BF093713.D

Acq: 16 Mar 2017 18:29

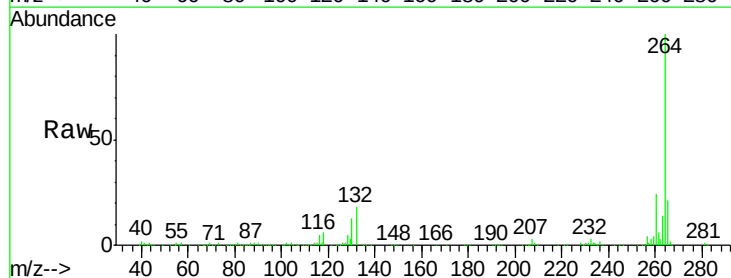
Tgt Ion:264 Resp: 336444

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

