

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108875.D
 Acq On : 7 Sep 2018 21:48
 Operator : JU/SJ
 Sample : PB112683BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BL

Quant Time: Sep 08 00:19:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214013	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	779597	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	350297	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	556604	20.00	ng	0.00
75) Chrysene-d12	13.87	240	445323	20.00	ng	0.00
86) Perylene-d12	15.27	264	491746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1152839	89.24	ng	0.02
7) Phenol-d6	6.37	99	1450703	87.28	ng	0.00
23) Nitrobenzene-d5	7.30	82	1323303	106.23	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	273242	81.71	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2145860	104.51	ng	0.00
78) Terphenyl-d14	12.82	244	1565103	81.96	ng	0.00

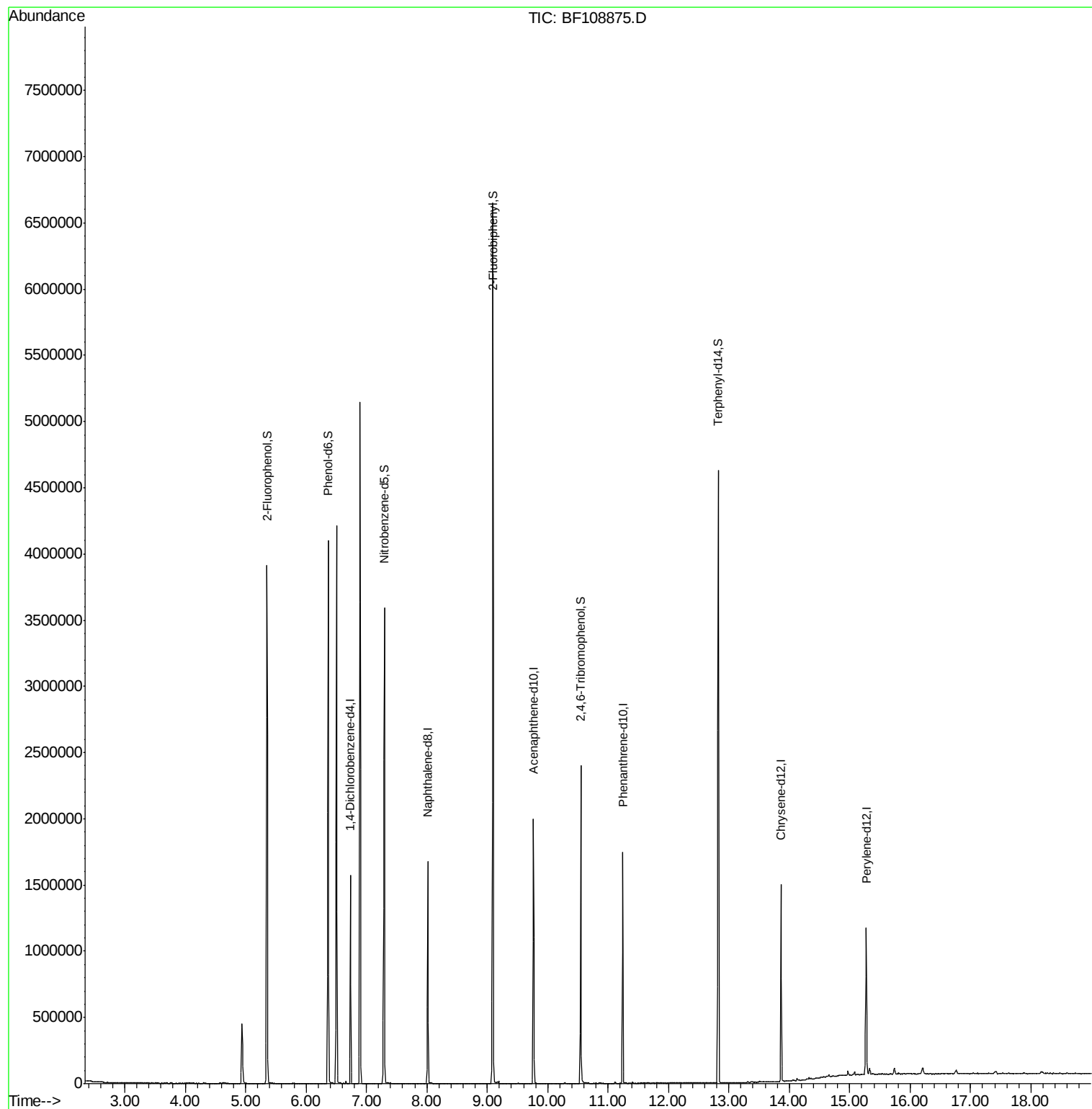
Target Compounds Qvalue

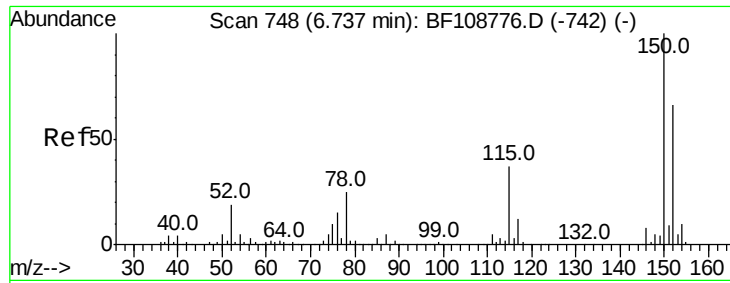
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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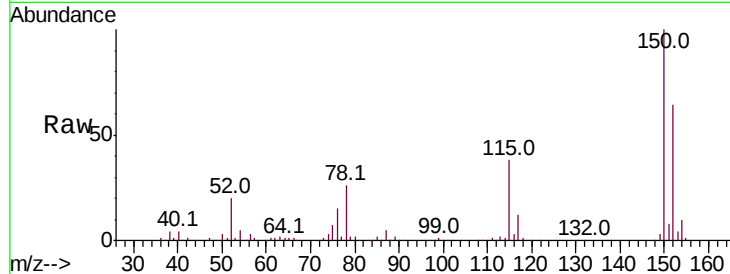


#1

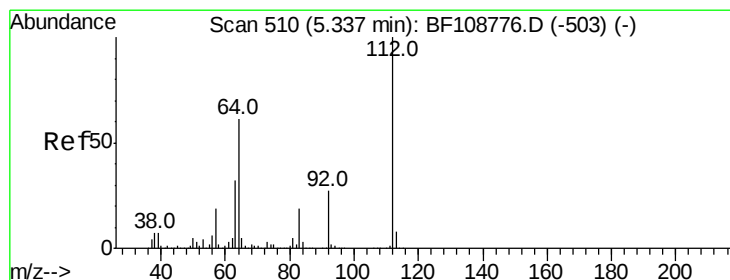
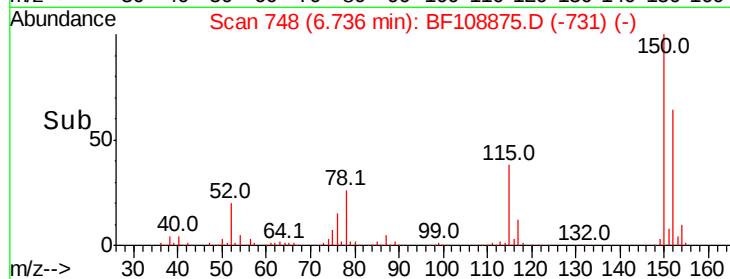
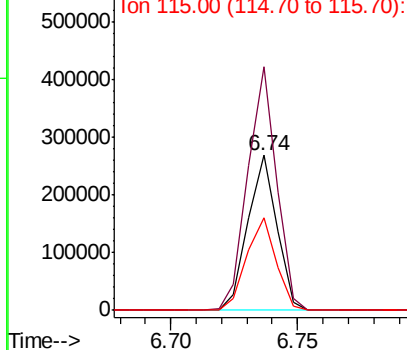
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB112683BL

Tot Ion:152 Resp: 214013
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 59.9 50.1 75.1



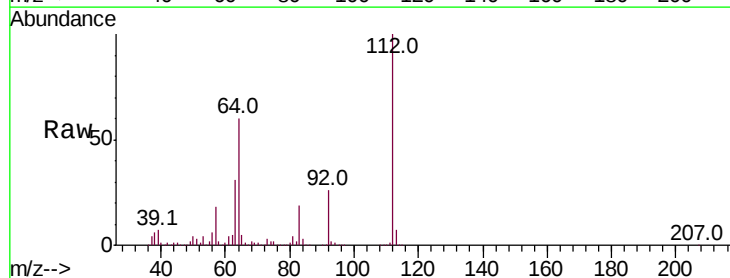
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



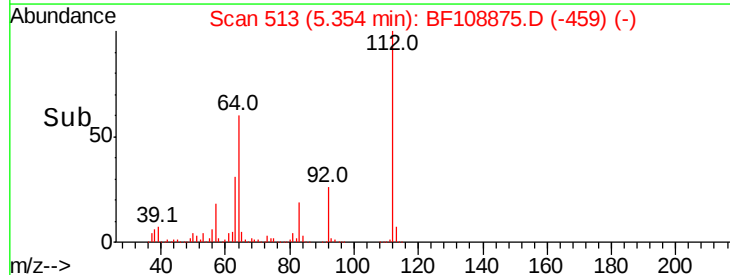
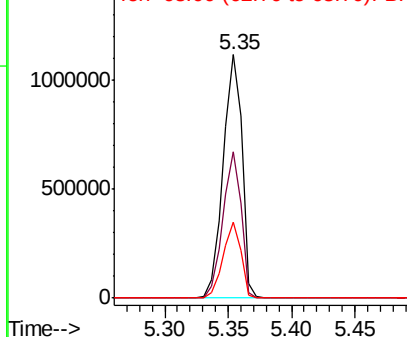
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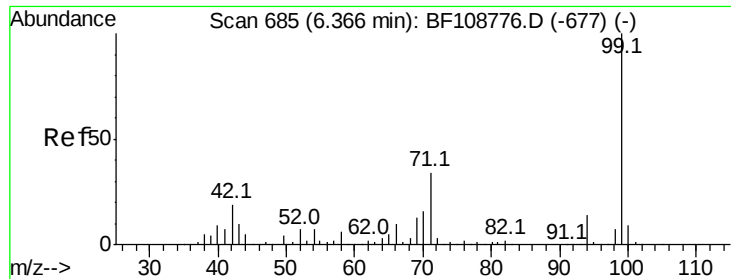
2-Fluorophenol
Concen: 89.241 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Tgt Ion:112 Resp: 1152839
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 31.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.279 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB112683BL

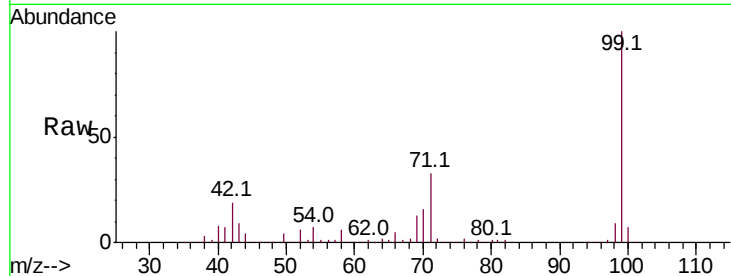
Tot Ion: 99 Resp: 1450703

Ion Ratio Lower Upper

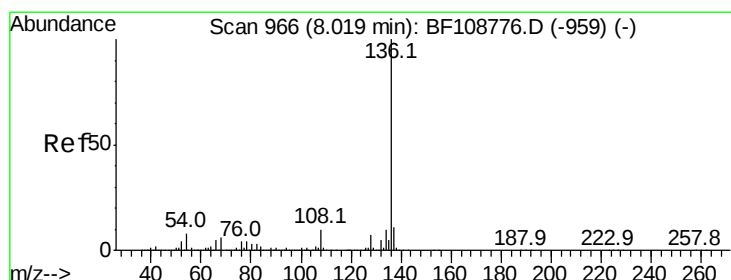
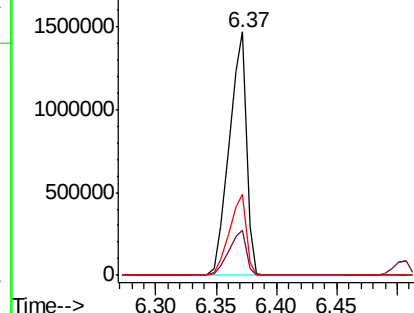
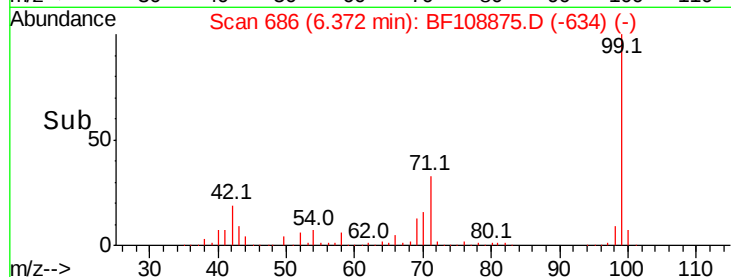
99 100

42 18.6 14.5 21.7

71 33.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108875.D

Acq: 7 Sep 2018 21:48

Tgt Ion: 136 Resp: 779597

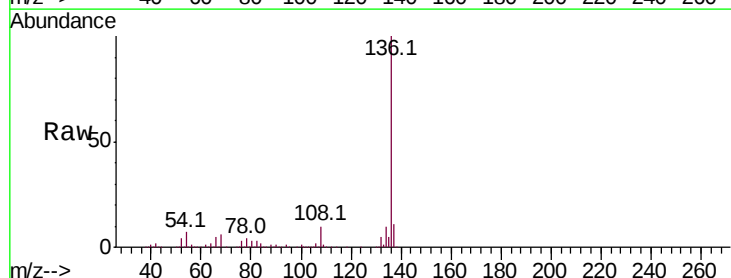
Ion Ratio Lower Upper

136 100

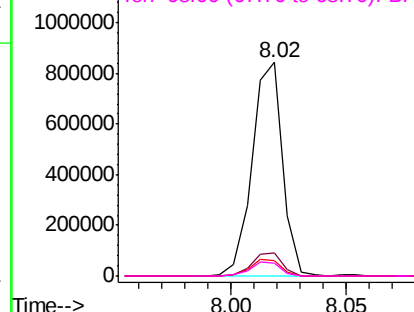
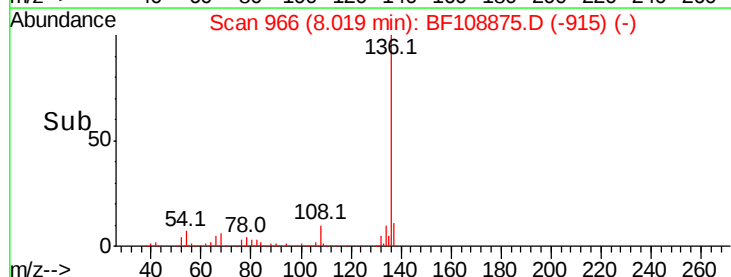
137 10.9 8.9 13.3

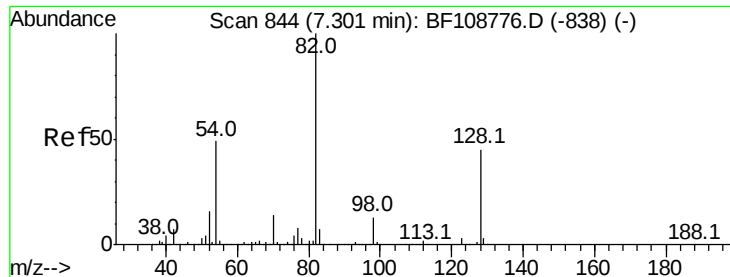
54 7.0 6.6 9.8

68 6.3 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
1200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



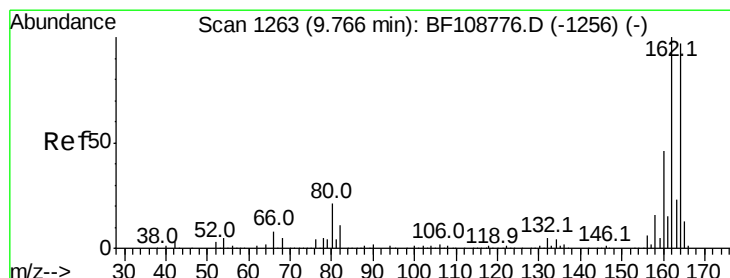
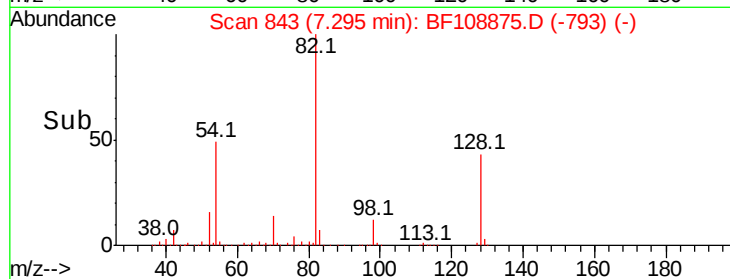
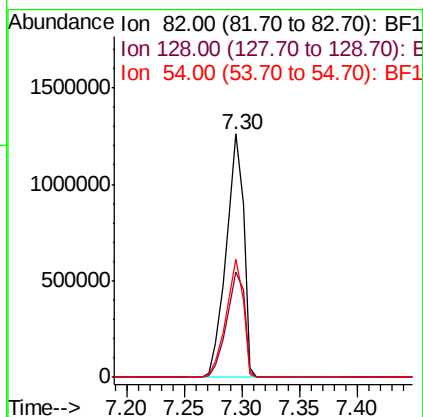
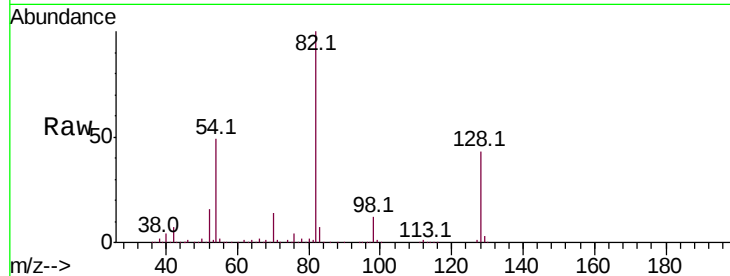


#23
 Nitrobenzene-d5
 Concen: 106.226 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BL

Tot Ion: 82 Resp: 1323303

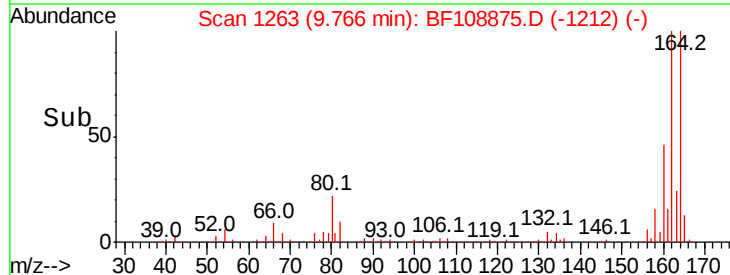
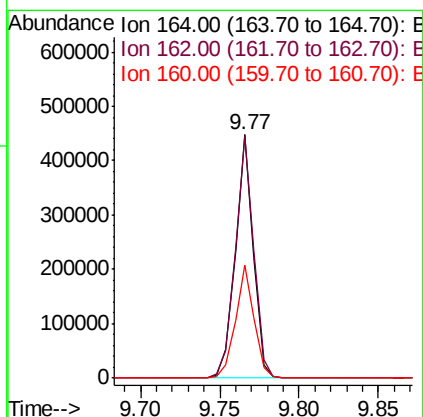
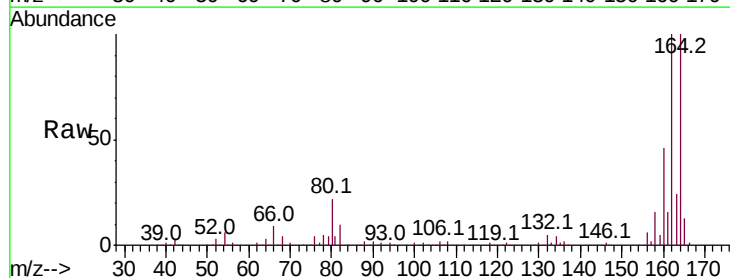
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.6	41.4	62.2

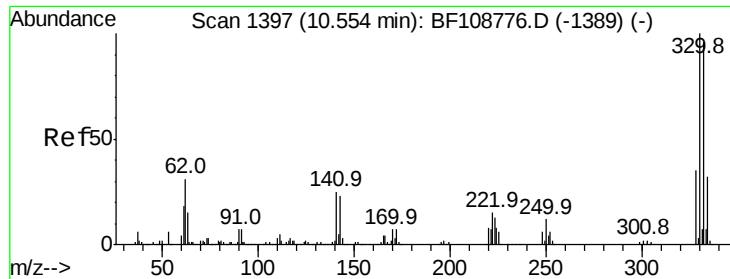


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Tgt Ion: 164 Resp: 350297

Ion	Ratio	Lower	Upper
164	100		
162	99.8	86.1	129.1
160	46.4	38.3	57.5

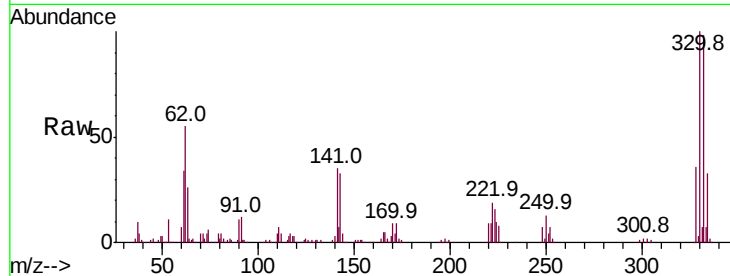




#41
 2,4,6-Tribromophenol
 Concen: 81.709 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.5	29.9	44.9

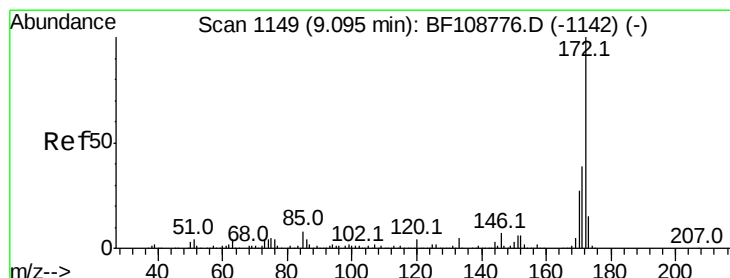
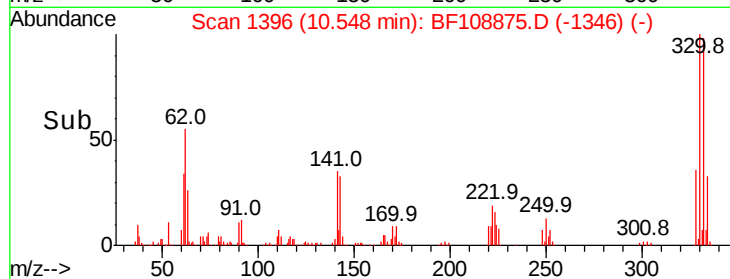
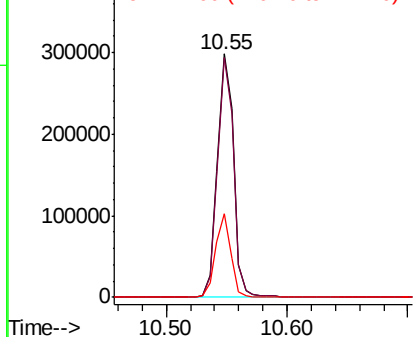


Abundance

Ion 329.80 (329.50 to 330.50): E

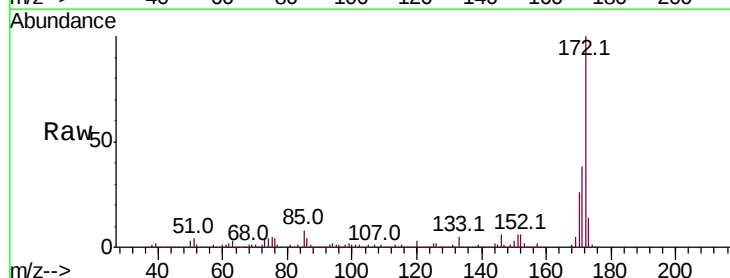
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 104.506 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	29.7	44.5
170	25.6	19.6	29.4

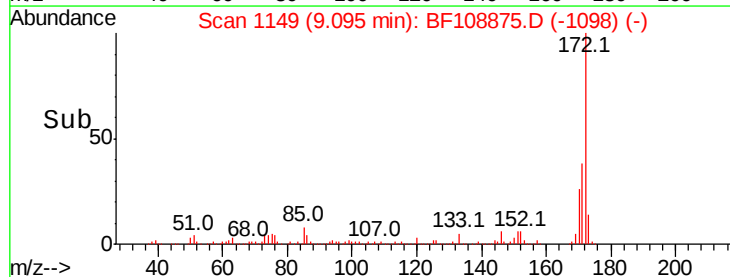
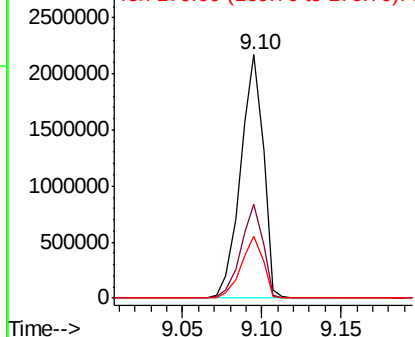


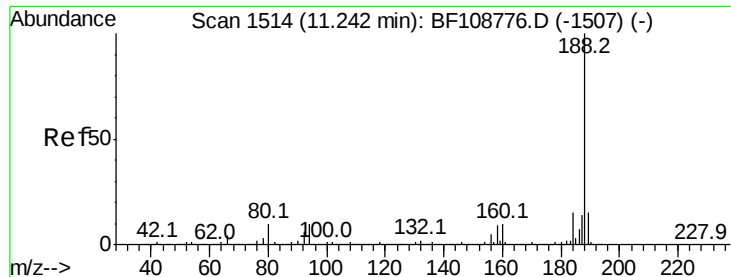
Abundance

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

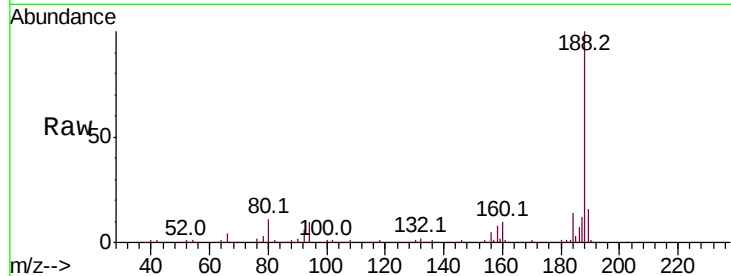




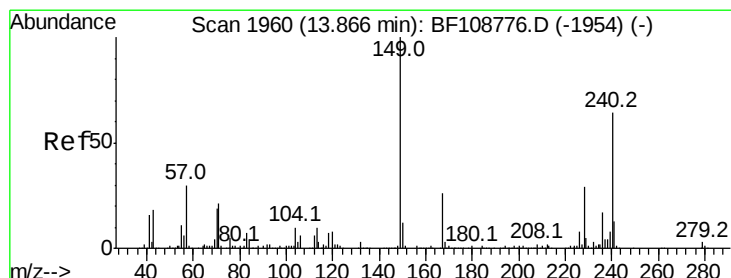
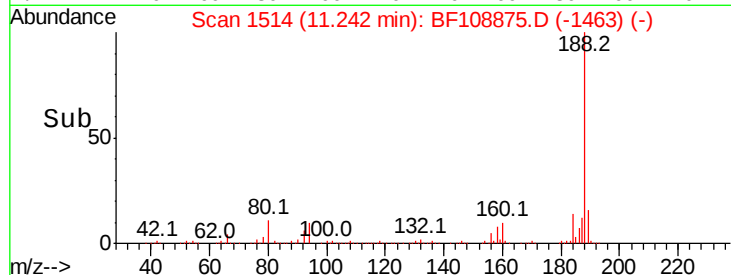
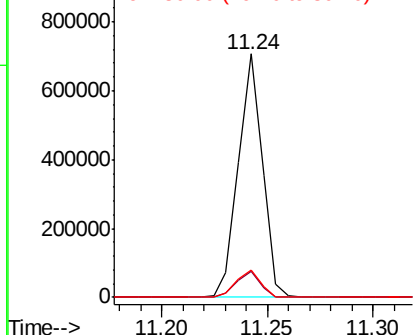
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB112683BL

Tot Ion:188 Resp: 556604
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8

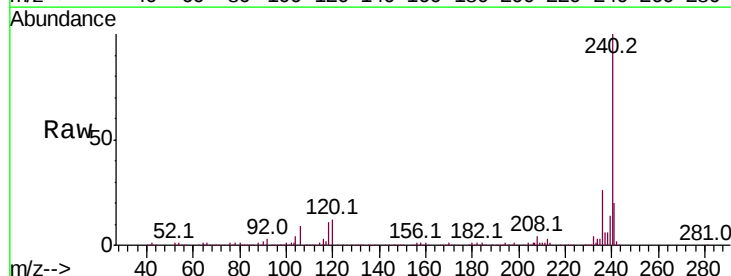


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

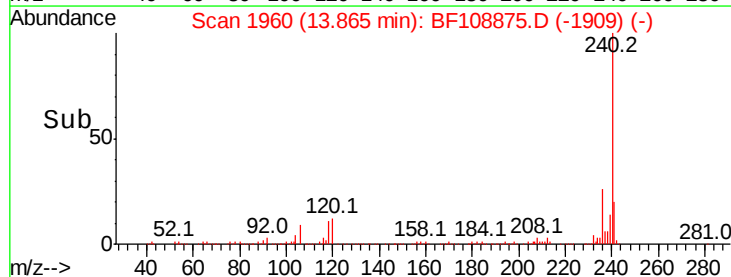
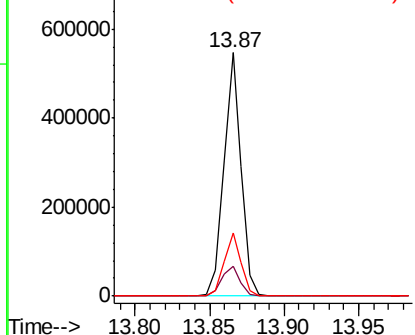


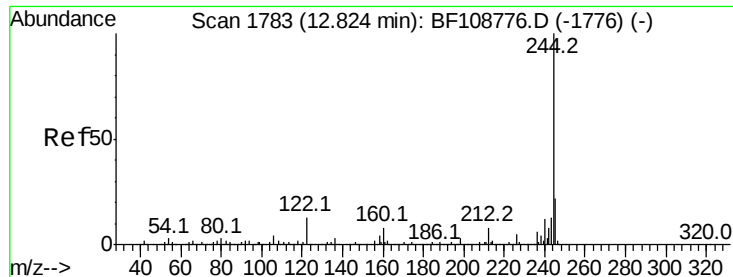
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108875.D
Acq: 7 Sep 2018 21:48

Tgt Ion:240 Resp: 445323
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.9 20.7 31.1



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

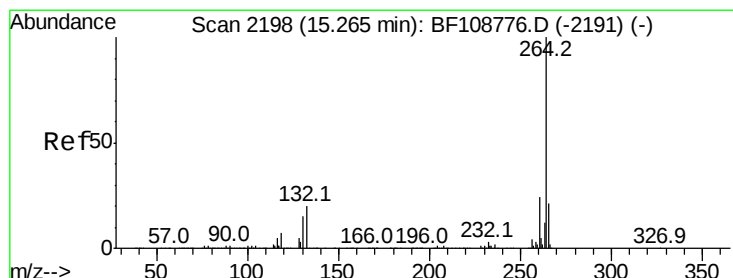
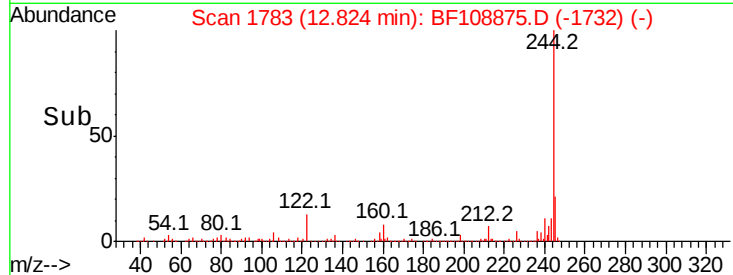
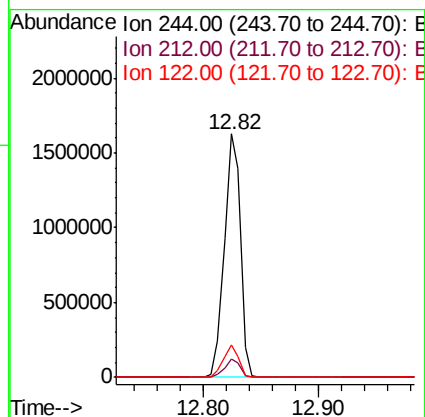
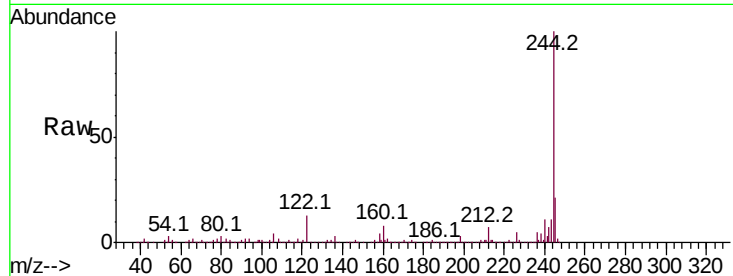




#78
 Terphenyl-d14
 Concen: 81.955 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB112683BL

Tot Ion:244 Resp: 1565103
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: BF108875.D
 Acq: 7 Sep 2018 21:48

Tgt Ion:264 Resp: 491746
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.2 17.5 26.3

