

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
 Data File : BF108871.D
 Acq On : 7 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4811-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-D-S

Quant Time: Sep 07 23:59:27 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

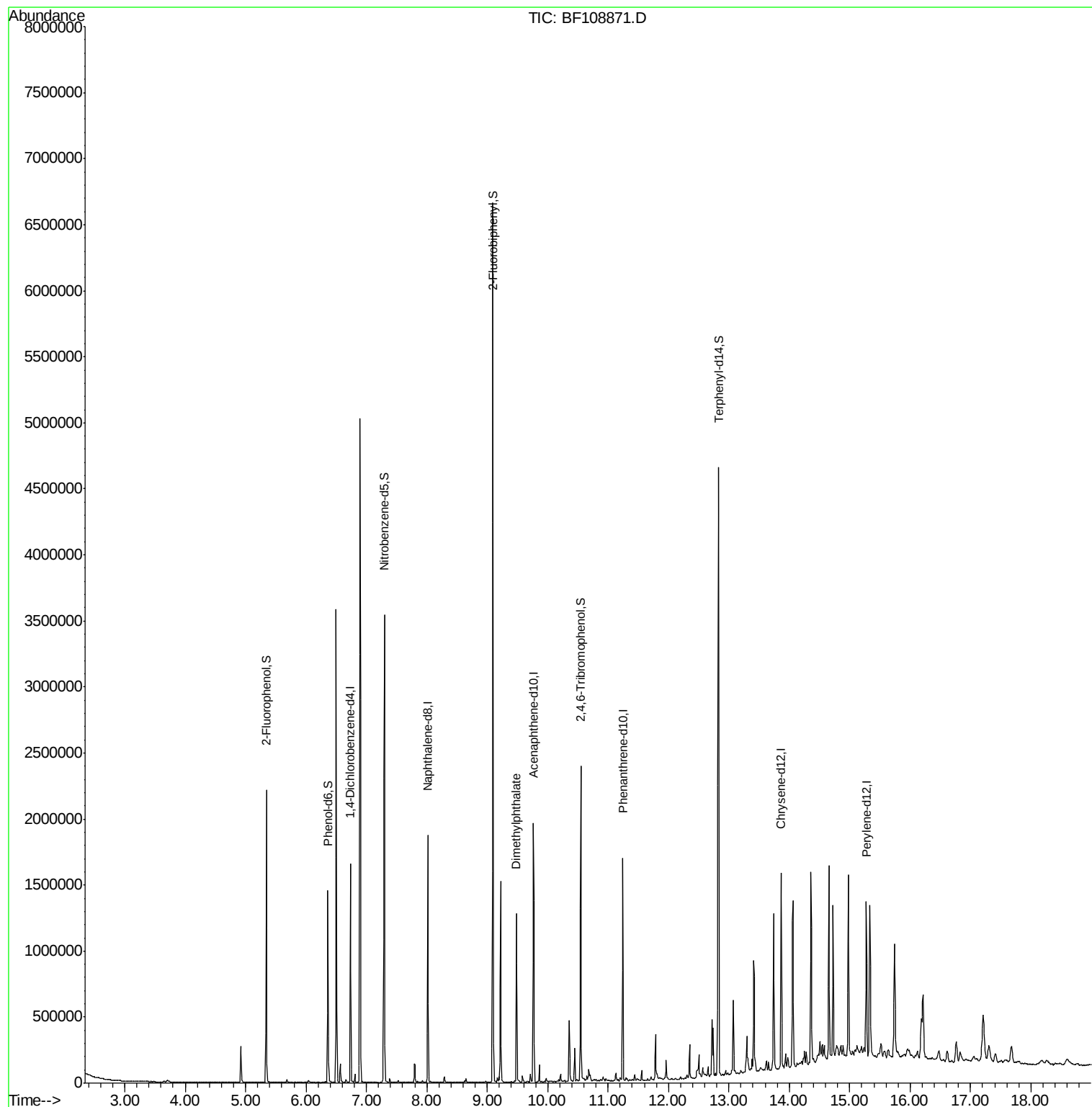
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	215263	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	770955	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	345485	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	547639	20.00	ng	0.00
75) Chrysene-d12	13.87	240	482360	20.00	ng	0.00
86) Perylene-d12	15.28	264	496857	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	559825	43.08	ng	0.00
7) Phenol-d6	6.36	99	475507	28.44	ng	0.00
23) Nitrobenzene-d5	7.30	82	1326469	107.67	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	267880	81.22	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2103181	103.85	ng	0.00
78) Terphenyl-d14	12.83	244	1617821	78.21	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	464958	19.241	ng	99

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

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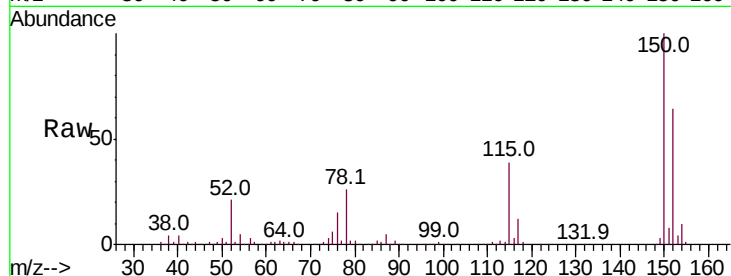


#1

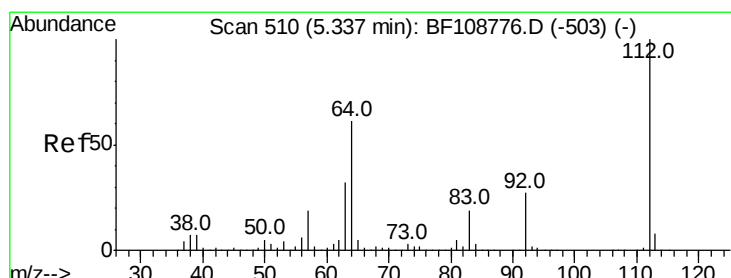
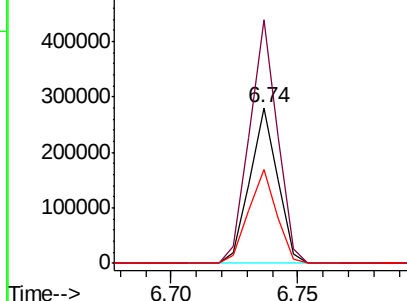
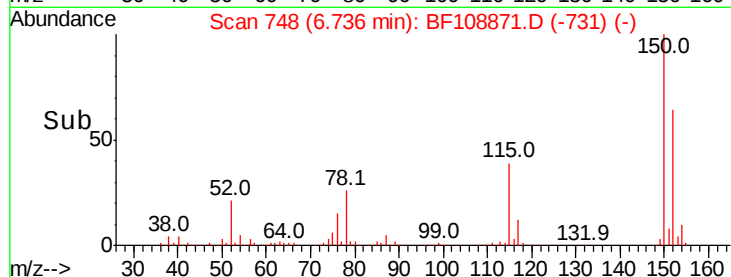
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tot Ion:152 Resp: 215263
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.6 50.1 75.1



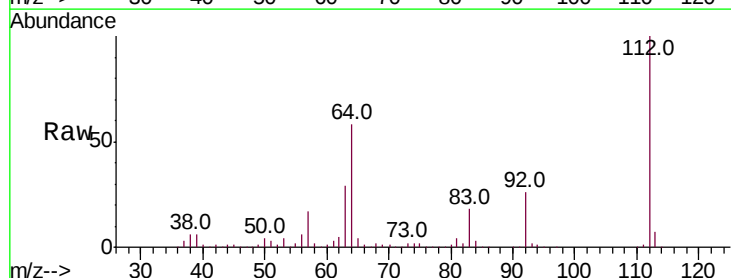
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



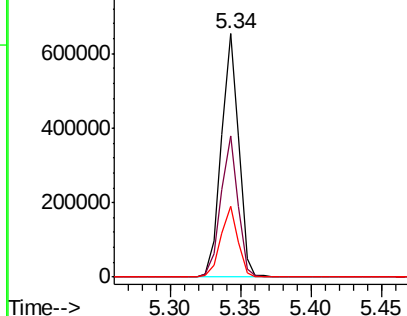
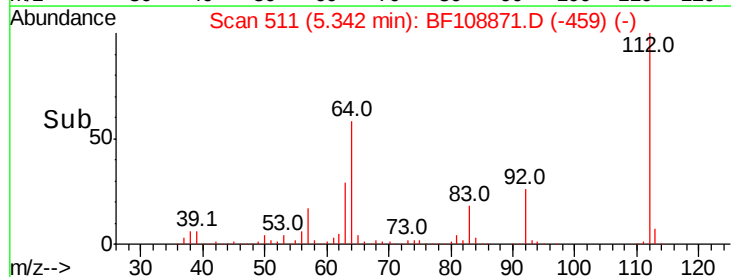
#5

2-Fluorophenol
Concen: 43.084 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Tgt Ion:112 Resp: 559825
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 29.1 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: 28.442 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

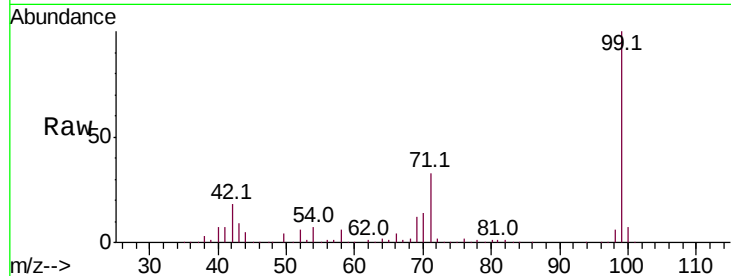
Tot Ion: 99 Resp: 475507

Ion Ratio Lower Upper

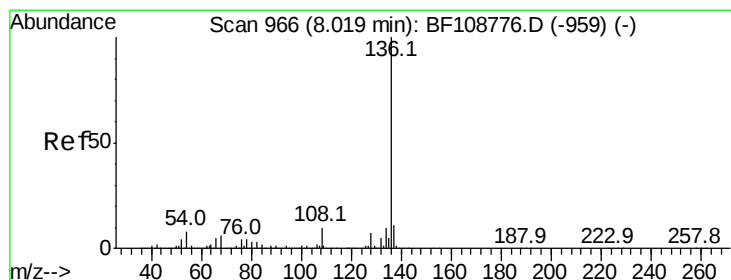
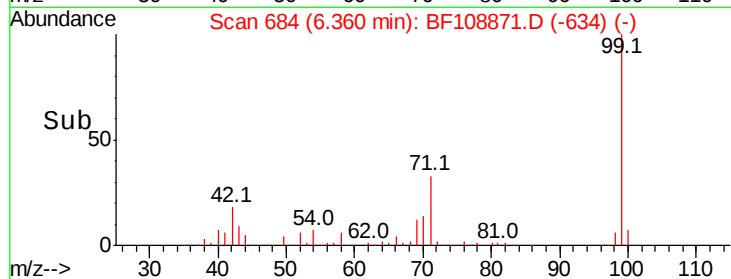
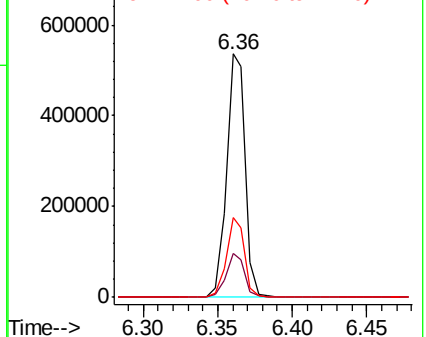
99 100

42 18.2 14.5 21.7

71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
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: BF108871.D

Acq: 7 Sep 2018 20:00

Tgt Ion: 136 Resp: 770955

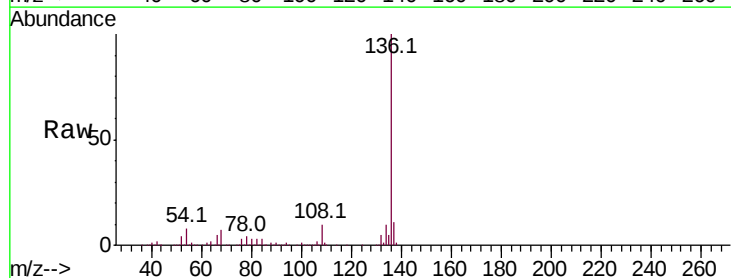
Ion Ratio Lower Upper

136 100

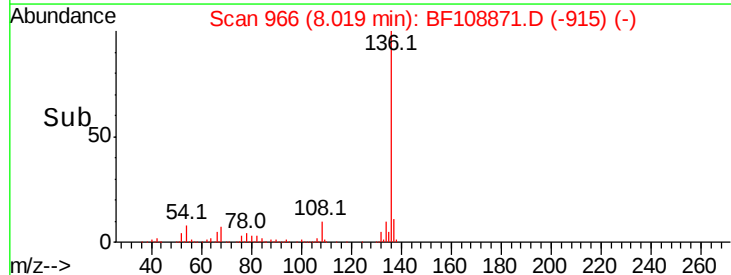
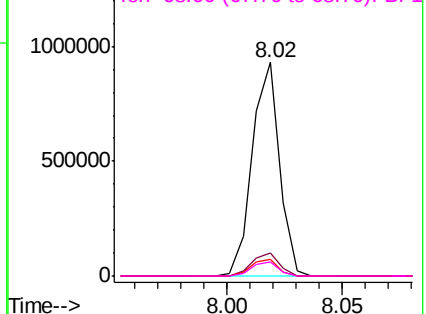
137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 6.5 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1



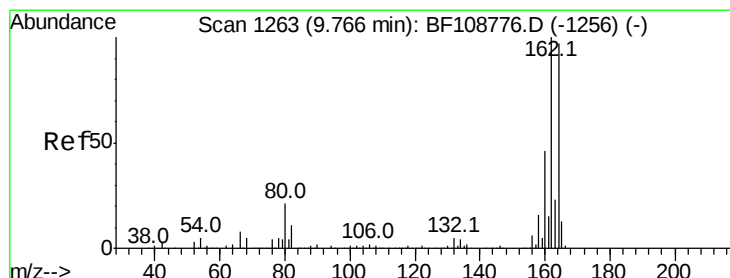
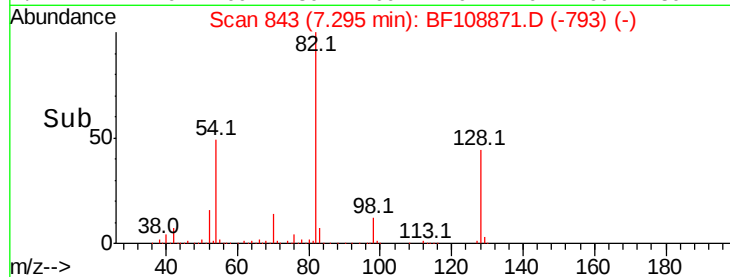
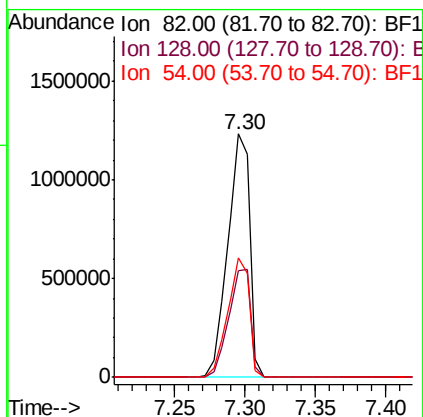
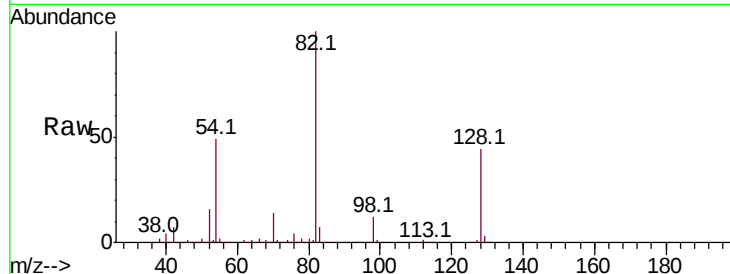


#23
 Nitrobenzene-d5
 Concen: 107.674 ng
 RT: 7.30 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-D-S

Tot Ion: 82 Resp: 1326469

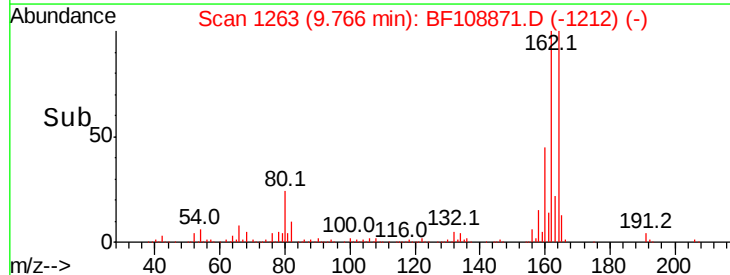
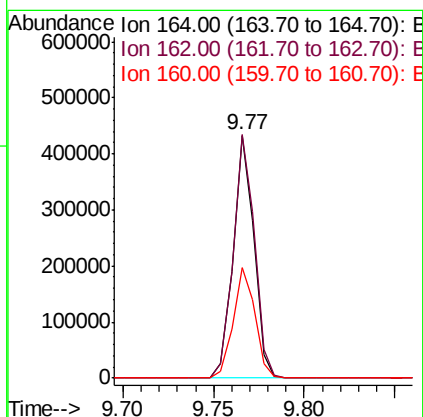
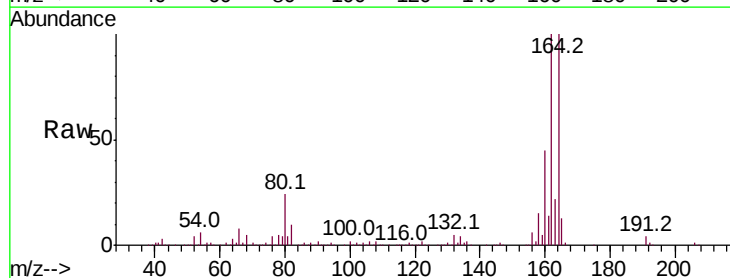
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	48.9	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Tgt Ion:164 Resp: 345485

Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	45.4	38.3	57.5

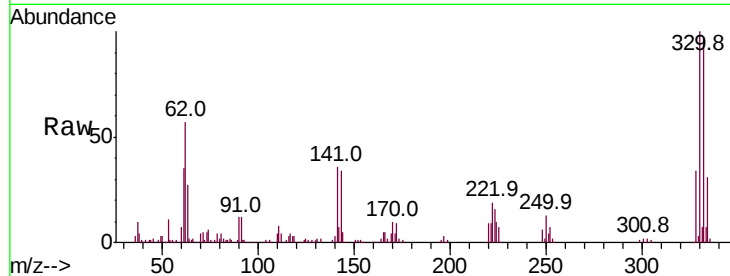




#41
 2,4,6-Tribromophenol
 Concen: 81.221 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Instrument :
 BNA_F
 ClientSampleId :
 090518-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.5	29.9	44.9

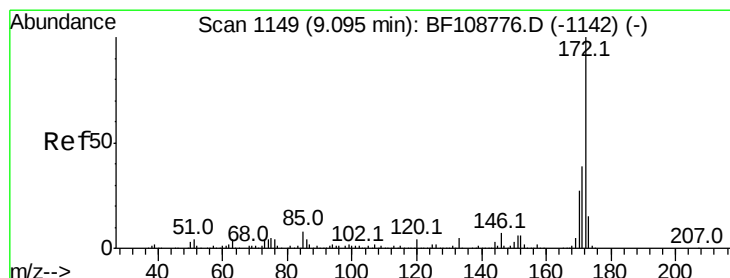
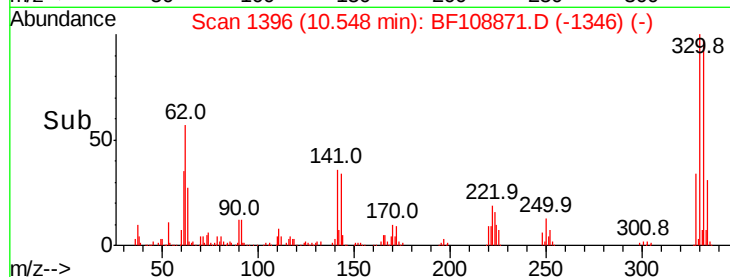
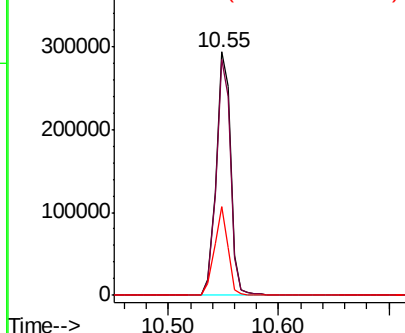


Abundance

Ion 329.80 (329.50 to 330.50): E

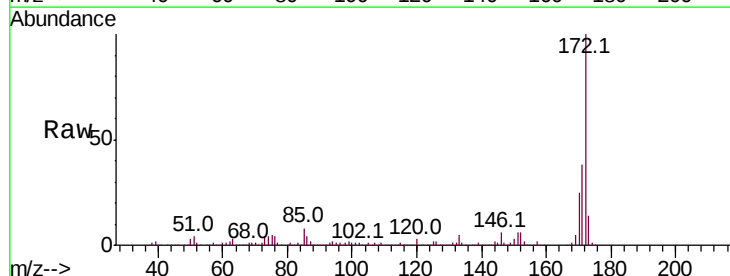
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.854 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108871.D
 Acq: 7 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.5	19.6	29.4

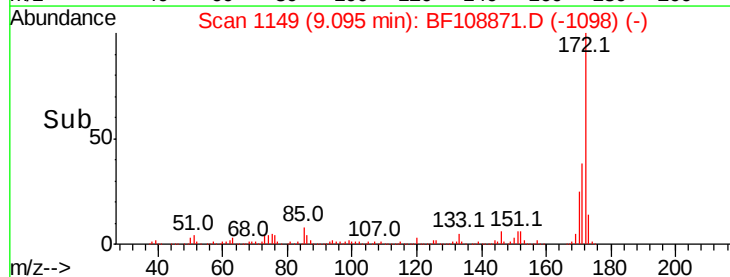
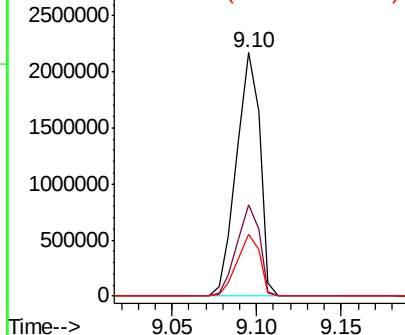


Abundance

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





#49

Dimethylphthalate

Concen: 19.241 ng

RT: 9.48 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

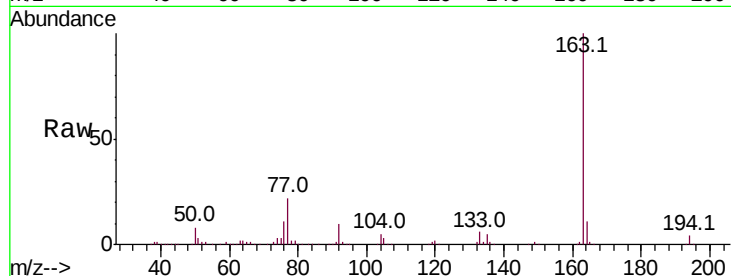
Tot Ion:163 Resp: 464958

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

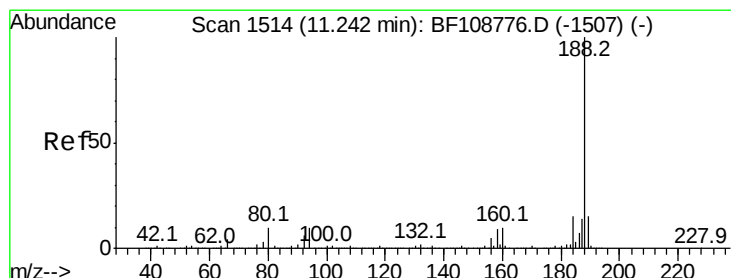
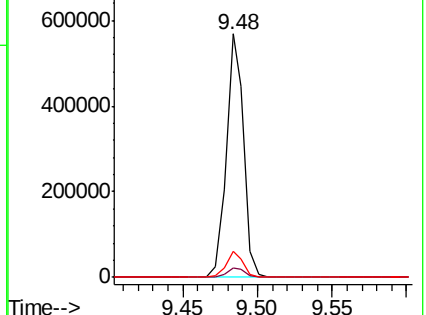
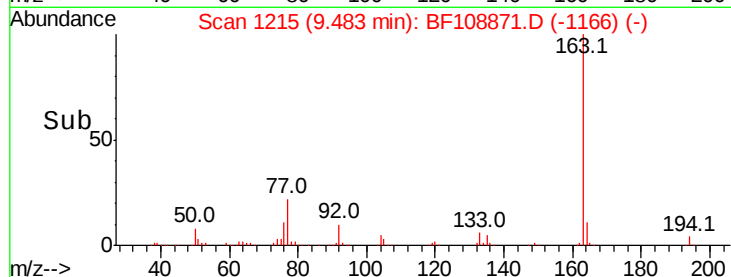
164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

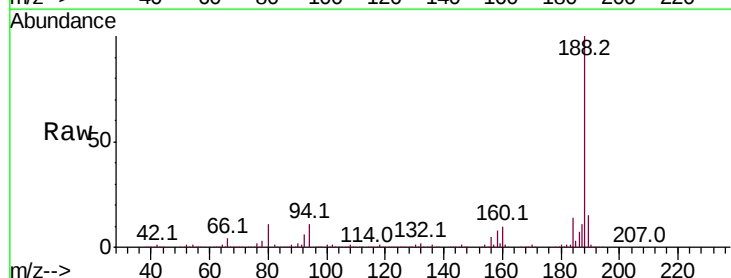
Tgt Ion:188 Resp: 547639

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

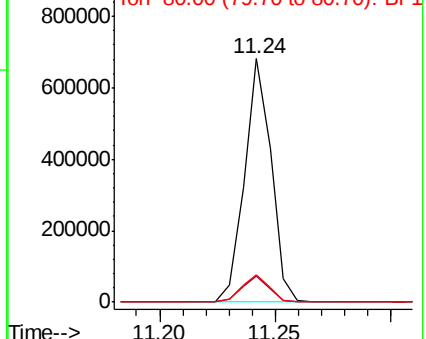
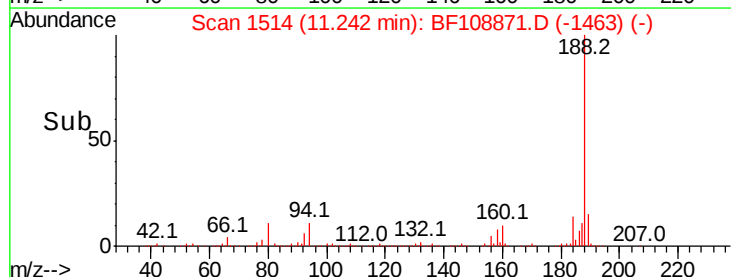
80 11.5 9.2 13.8

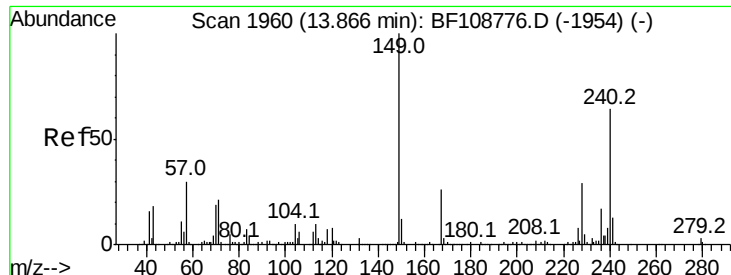


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF108871.D

Acq: 7 Sep 2018 20:00

Instrument :

BNA_F

ClientSampleId :

090518-DBRI-E-D-S

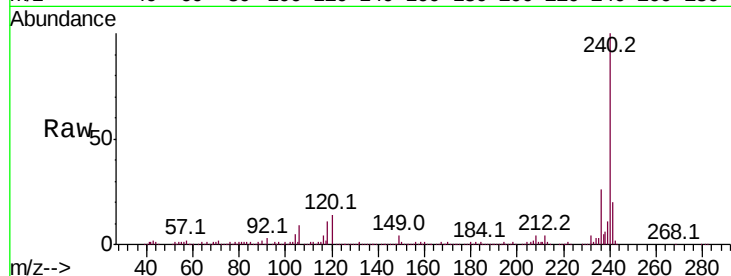
Tot Ion:240 Resp: 482360

Ion Ratio Lower Upper

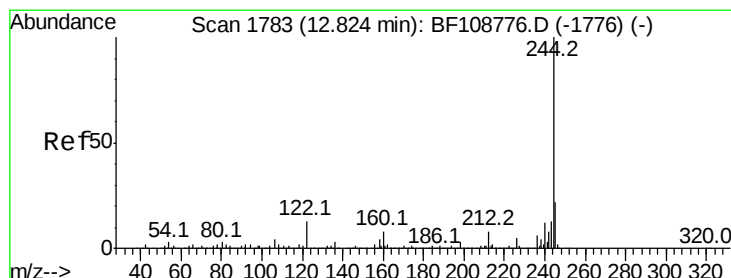
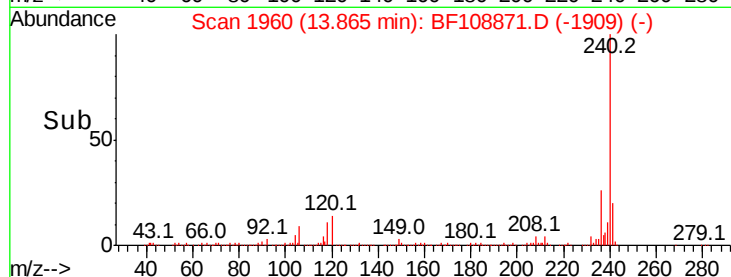
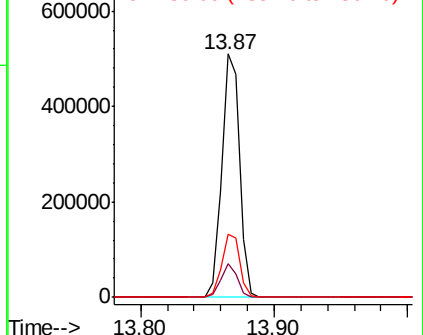
240 100

120 14.1 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: 78.211 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108871.D

Acq: 7 Sep 2018 20:00

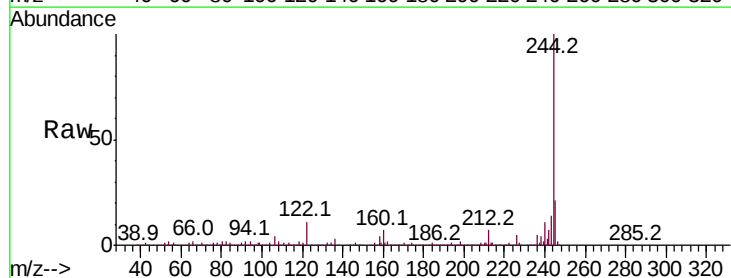
Tgt Ion:244 Resp: 1617821

Ion Ratio Lower Upper

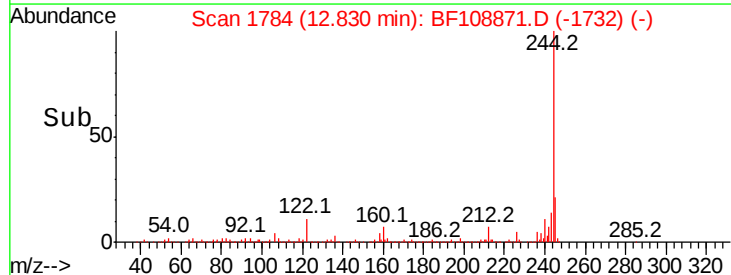
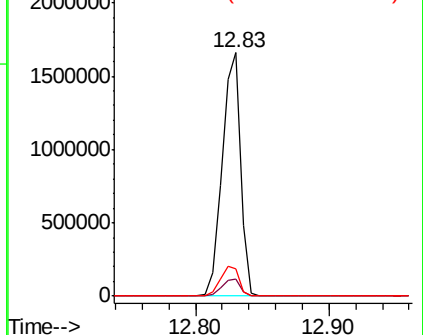
244 100

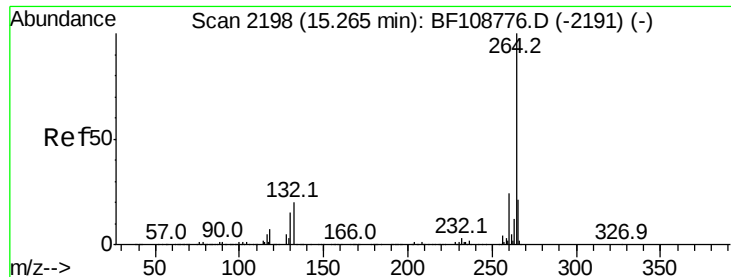
212 7.1 5.4 8.0

122 11.3 11.0 16.4



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108871.D
Acq: 7 Sep 2018 20:00

Instrument :
BNA_F
ClientSampleId :
090518-DBRI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3

