

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109663.D
 Acq On : 8 Oct 2018 22:25
 Operator : JU/SJ
 Sample : J5262-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N48964-BS

Quant Time: Oct 09 04:50:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

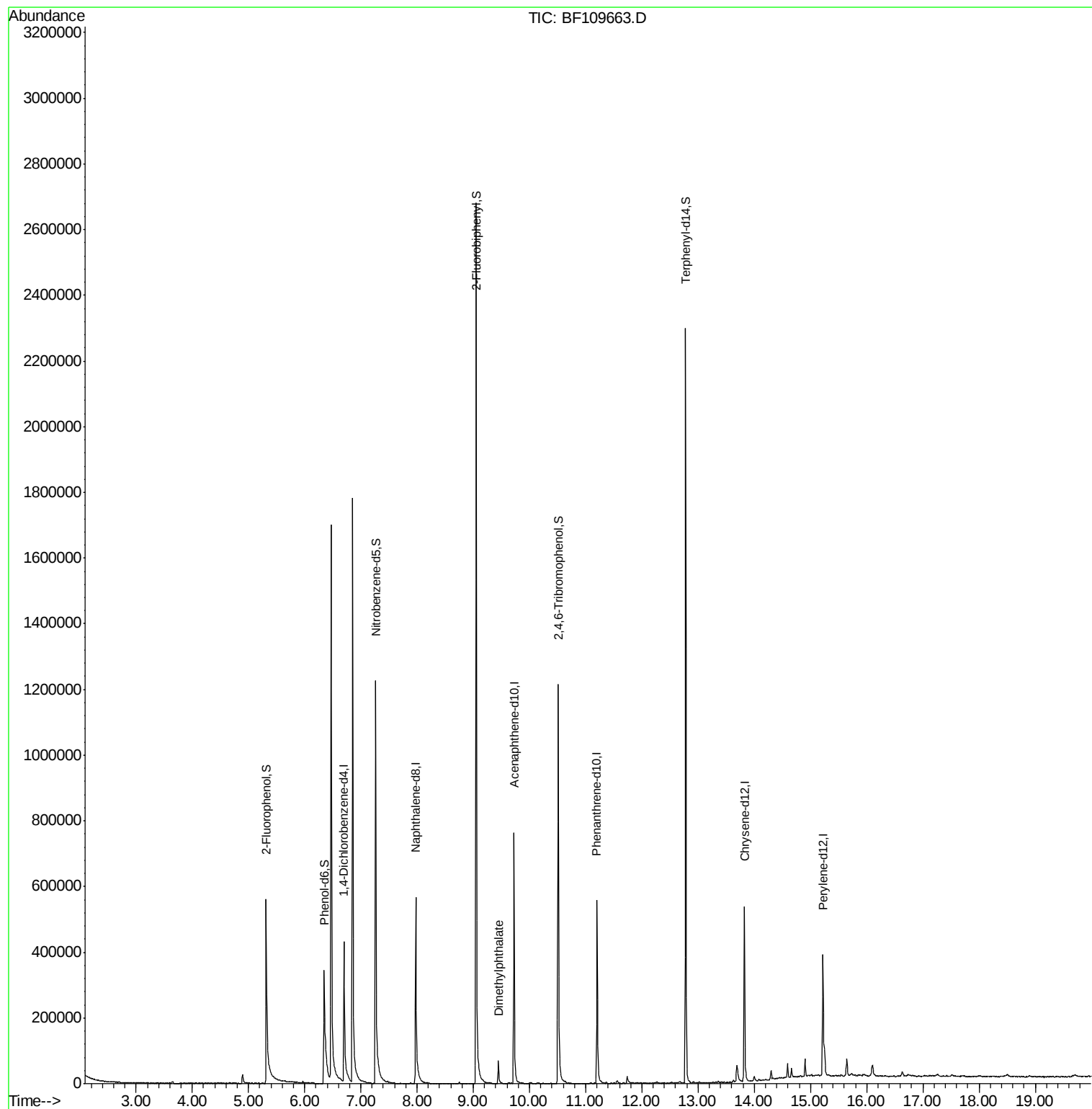
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104434	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	402666	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	168636	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	284455	20.00	ng	0.00
75) Chrysene-d12	13.83	240	227284	20.00	ng	0.00
86) Perylene-d12	15.22	264	196290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	285595	48.54	ng	0.00
7) Phenol-d6	6.35	99	263492	33.52	ng	-0.01
23) Nitrobenzene-d5	7.26	82	577859	79.11	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	184664	100.50	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	995337	81.29	ng	0.00
78) Terphenyl-d14	12.78	244	780408	66.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	43371	3.507	ng	99

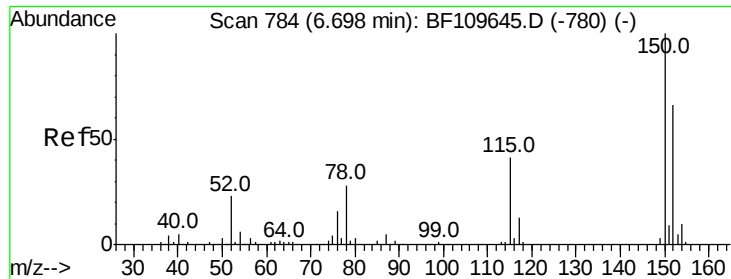
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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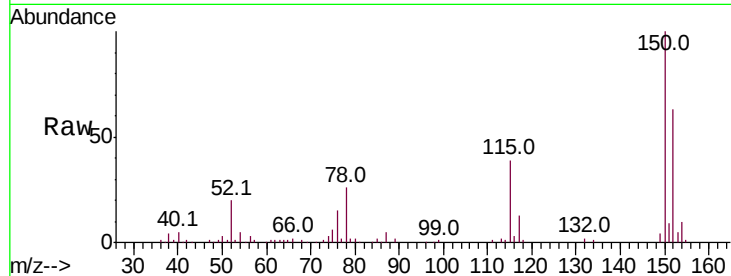


#1

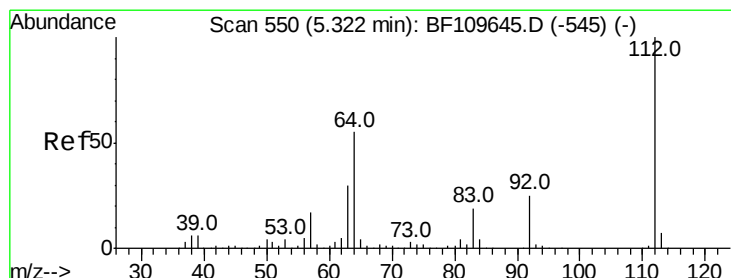
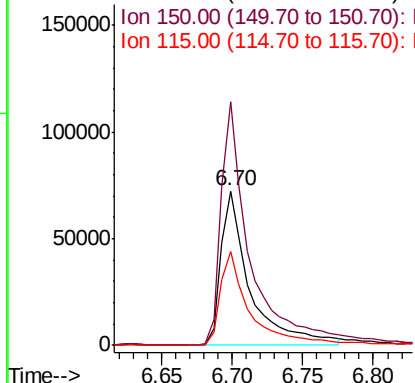
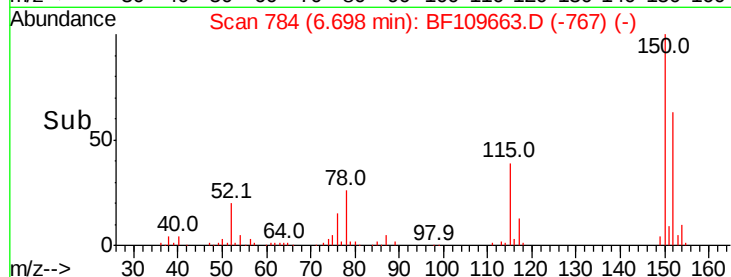
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 N48964-BS

Tot Ion:152 Resp: 104434
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.7 184.1
 115 60.8 49.1 73.7



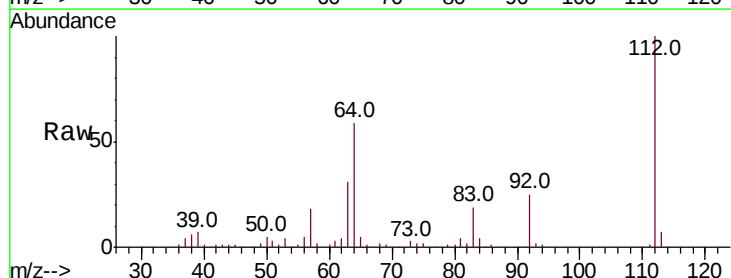
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



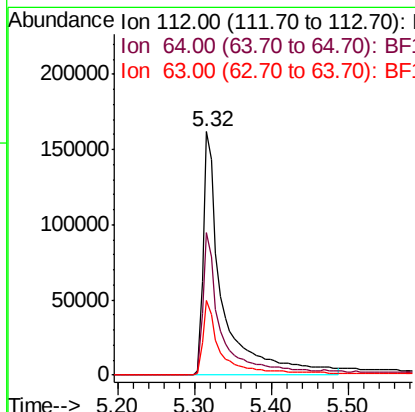
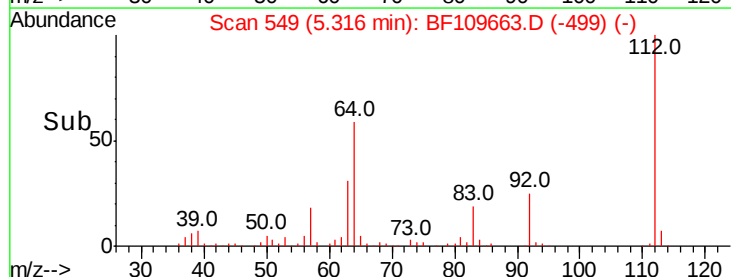
#5

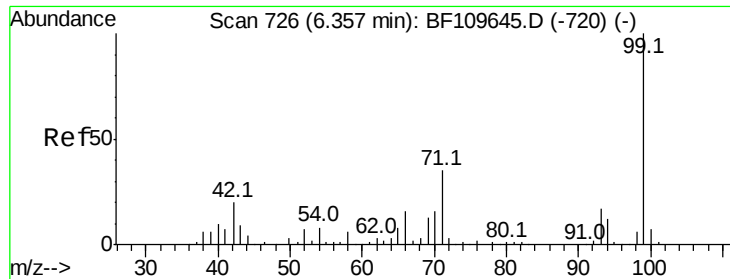
2-Fluorophenol
 Concen: 48.542 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Tgt Ion:112 Resp: 285595
 Ion Ratio Lower Upper
 112 100
 64 58.5 44.1 66.1
 63 30.6 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: 33.524 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_F

ClientSampleId :

N48964-BS

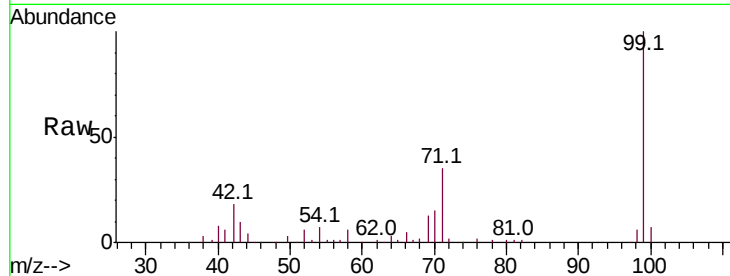
Tot Ion: 99 Resp: 263492

Ion Ratio Lower Upper

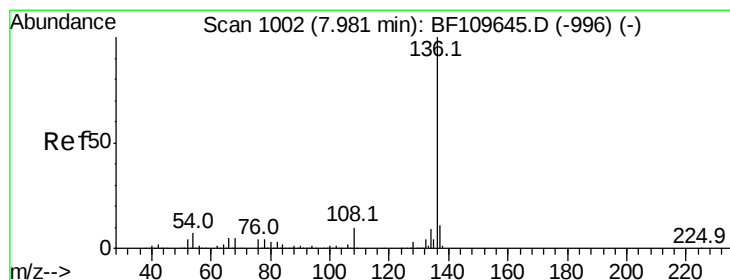
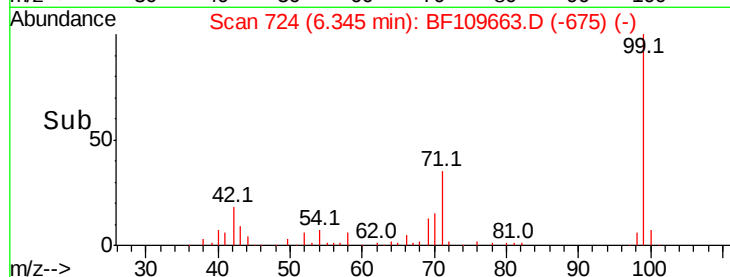
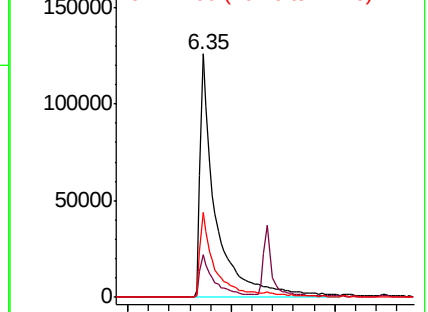
99 100

42 17.6 15.8 23.6

71 34.6 28.0 42.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

Tgt Ion: 136 Resp: 402666

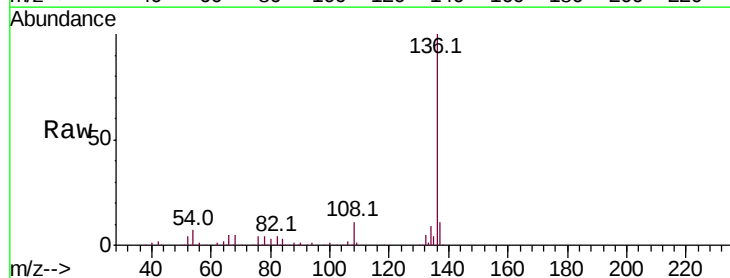
Ion Ratio Lower Upper

136 100

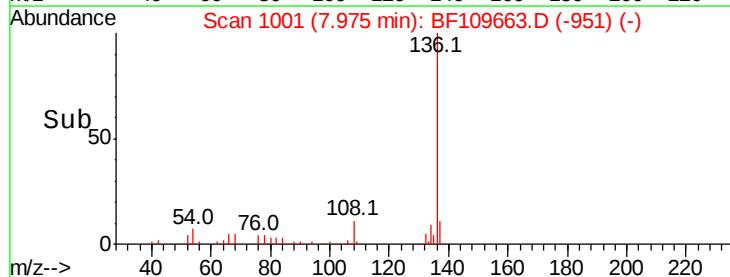
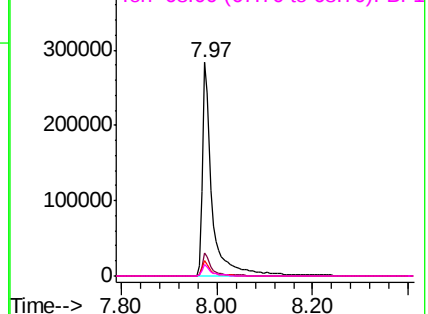
137 10.6 8.8 13.2

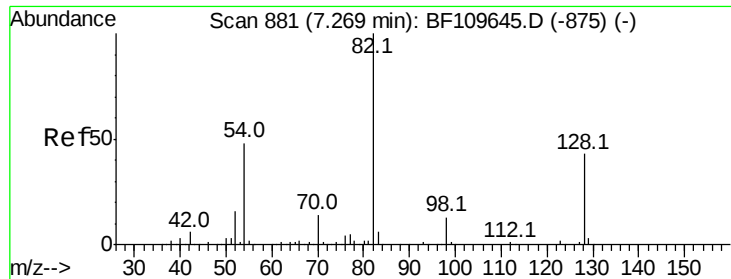
54 7.4 5.4 8.2

68 5.3 4.2 6.2



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

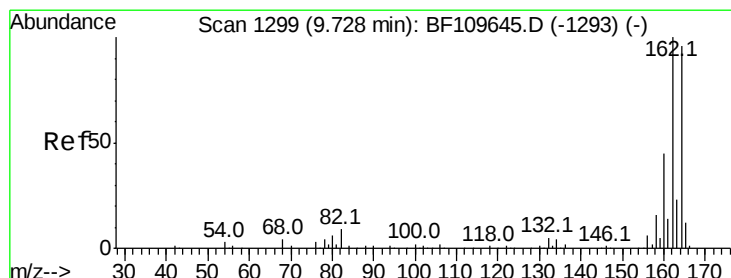
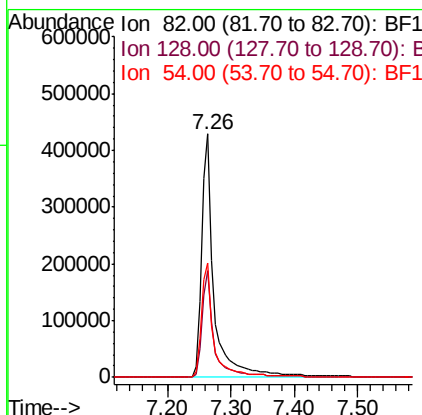
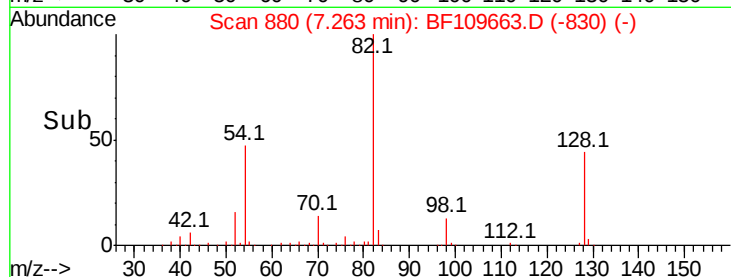
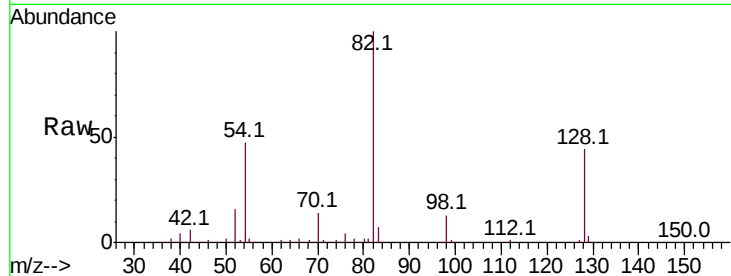




#23
 Nitrobenzene-d5
 Concen: 79.107 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

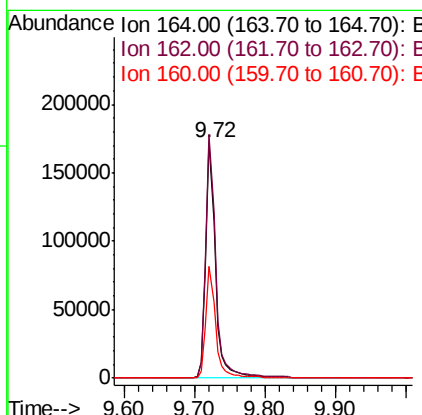
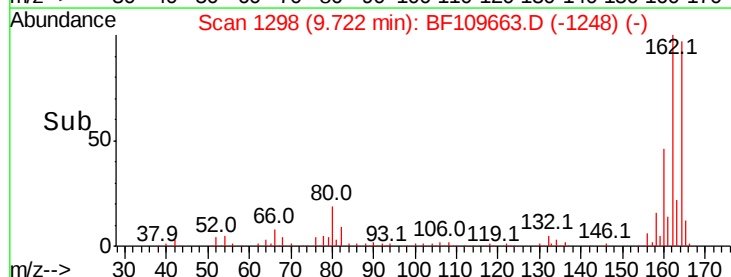
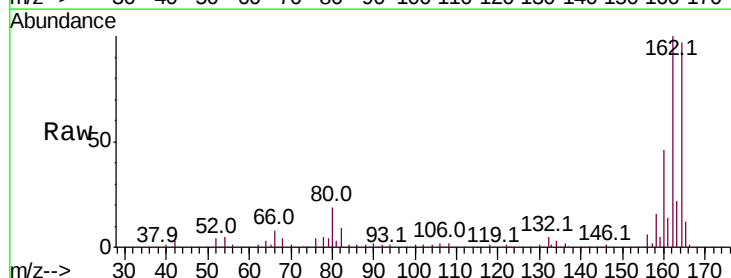
Instrument :
 BNA_F
 ClientSampleID :
 N48964-BS

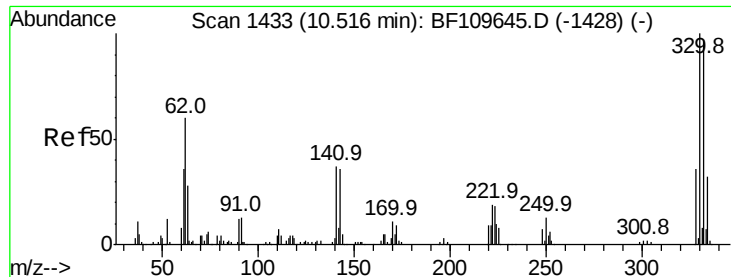
Tot Ion:	82	Resp:	577859
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.2	51.2
54	47.0	38.6	58.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Tgt Ion:	164	Resp:	168636
Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.0	124.6
160	47.3	37.0	55.6

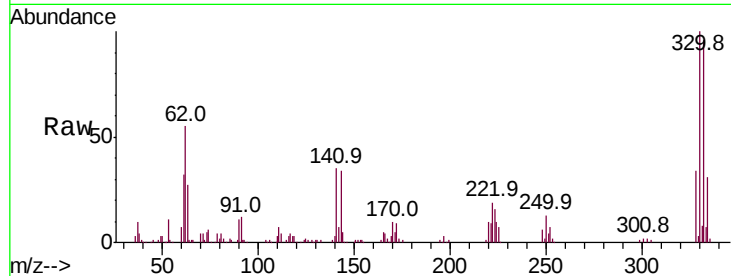




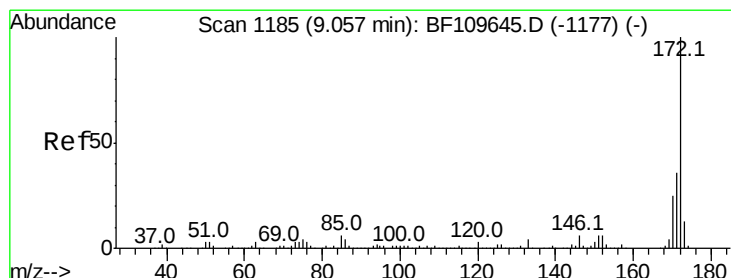
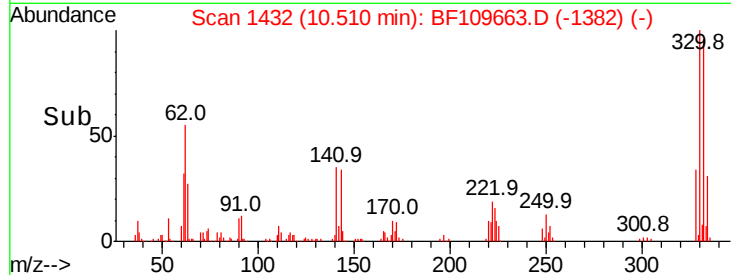
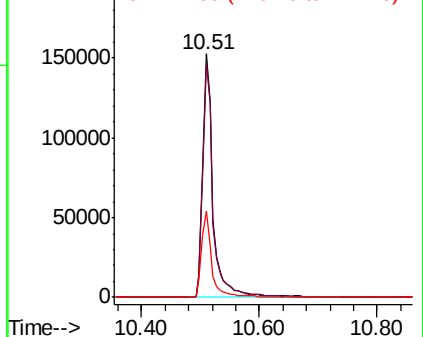
#41
 2,4,6-Tribromophenol
 Concen: 100.499 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 N48964-BS

Tot Ion:330 Resp: 184664
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.1 115.7
 141 34.5 27.0 40.4

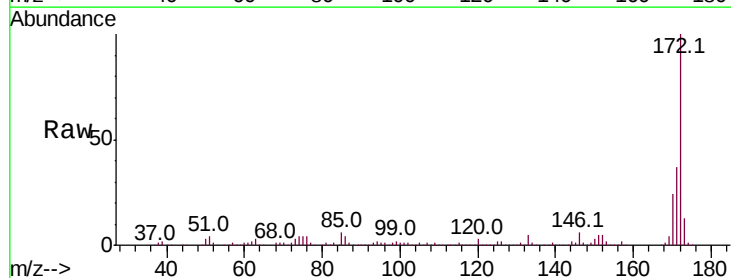


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

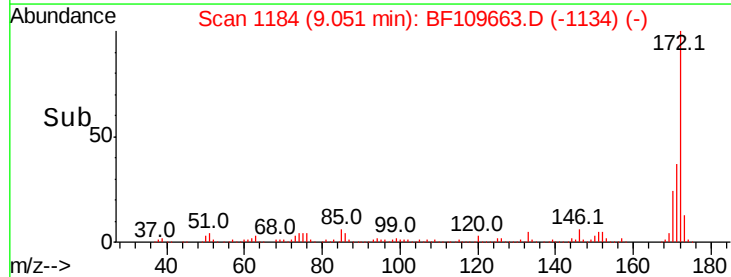
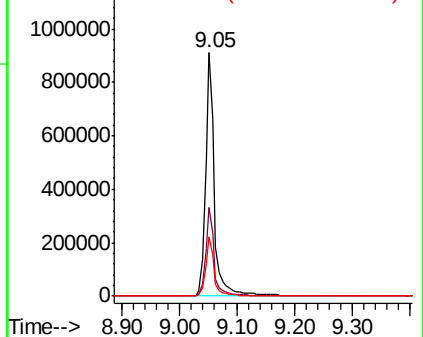


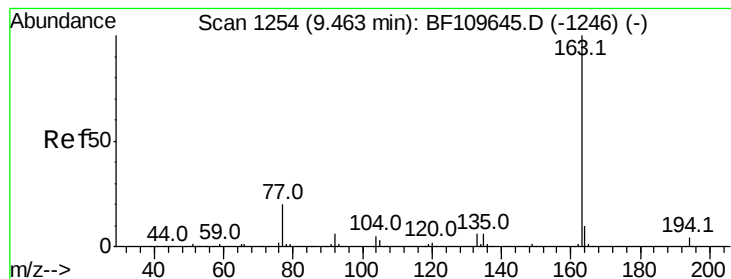
#44
 2-Fluorobiphenyl
 Concen: 81.289 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Tgt Ion:172 Resp: 995337
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.3 19.7 29.5



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: 3.507 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_F

ClientSampleId :

N48964-BS

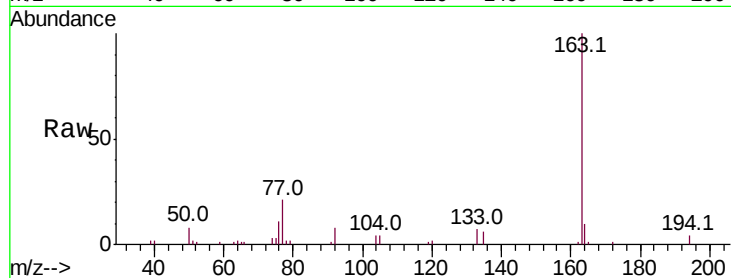
Tot Ion:163 Resp: 43371

Ion Ratio Lower Upper

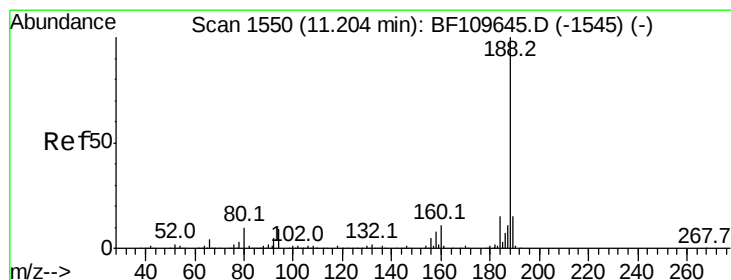
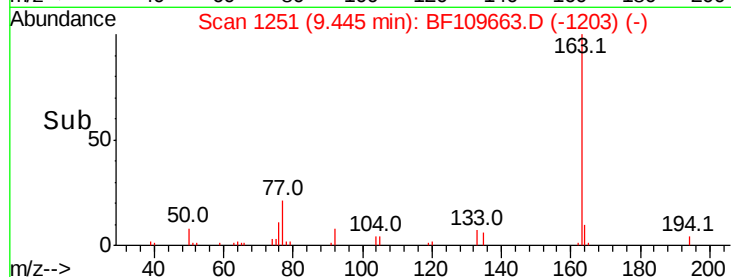
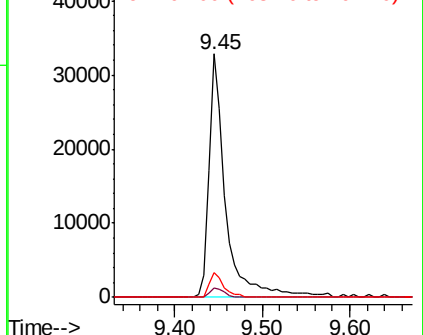
163 100

194 3.8 3.2 4.8

164 10.4 8.1 12.1



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: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

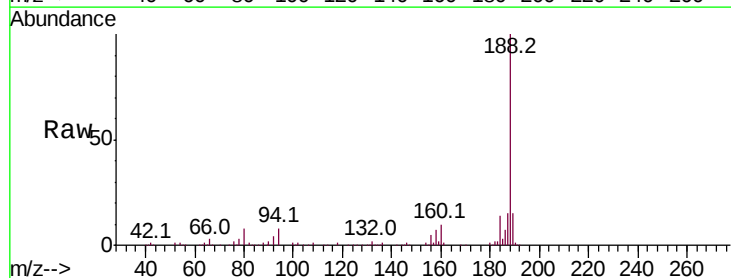
Tgt Ion:188 Resp: 284455

Ion Ratio Lower Upper

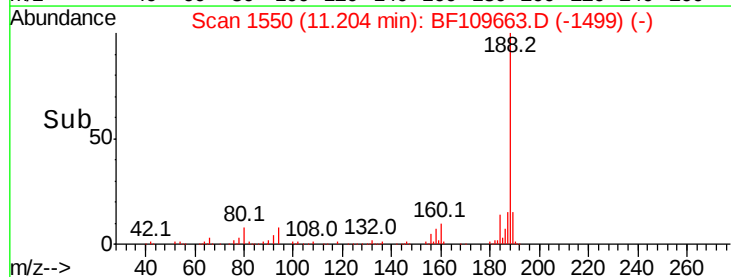
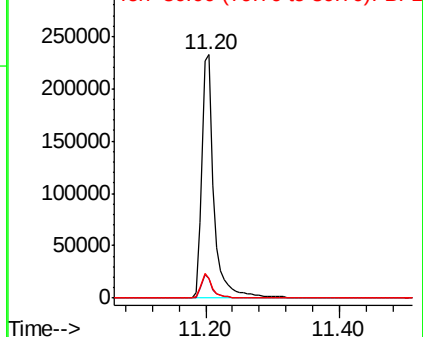
188 100

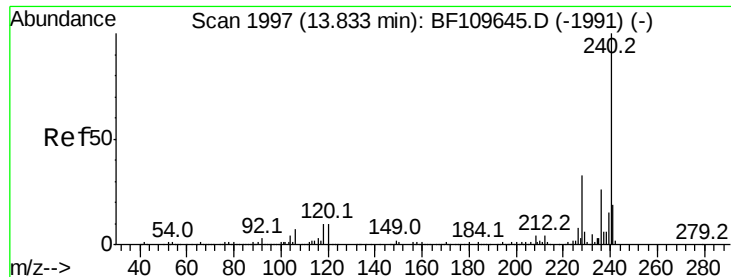
94 7.9 7.2 10.8

80 8.3 7.9 11.9



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: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

Instrument :

BNA_F

ClientSampleId :

N48964-BS

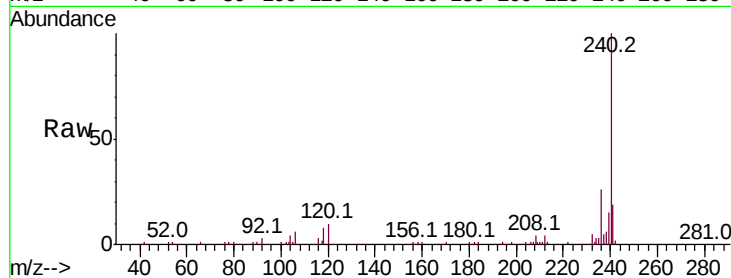
Tot Ion:240 Resp: 227284

Ion Ratio Lower Upper

240 100

120 9.7 8.3 12.5

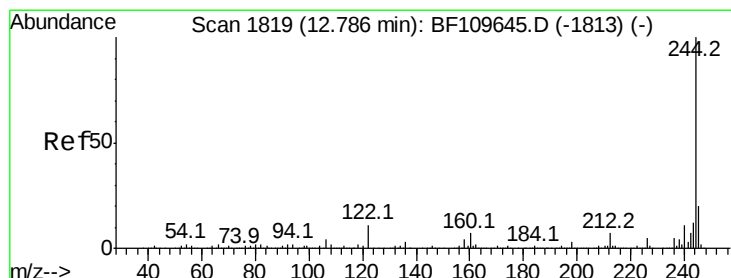
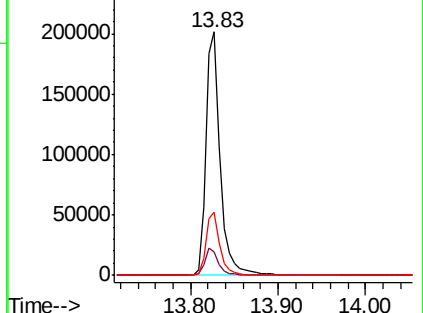
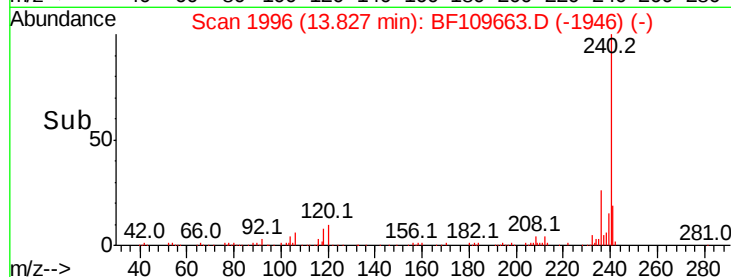
236 25.9 21.2 31.8



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: 66.469 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109663.D

Acq: 8 Oct 2018 22:25

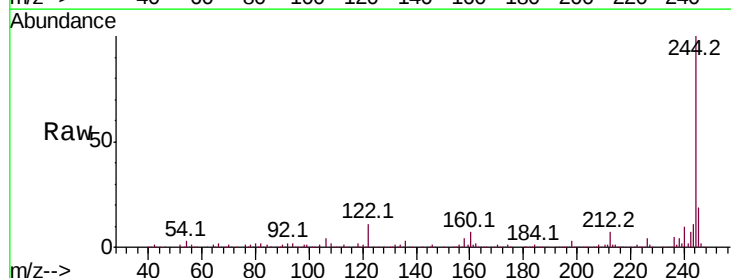
Tgt Ion:244 Resp: 780408

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

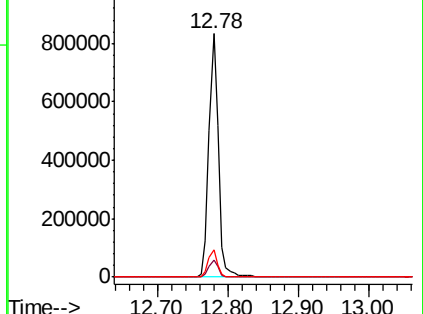
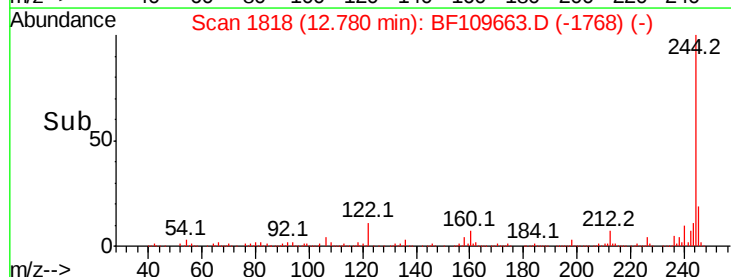
122 11.4 8.7 13.1

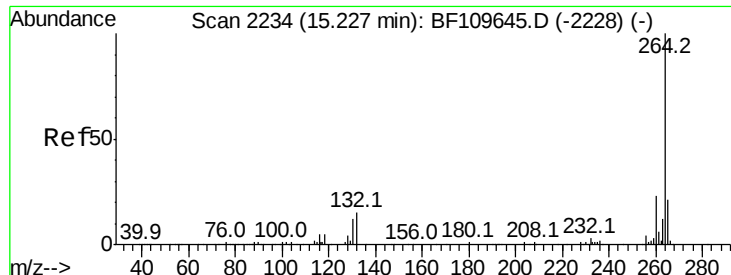


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

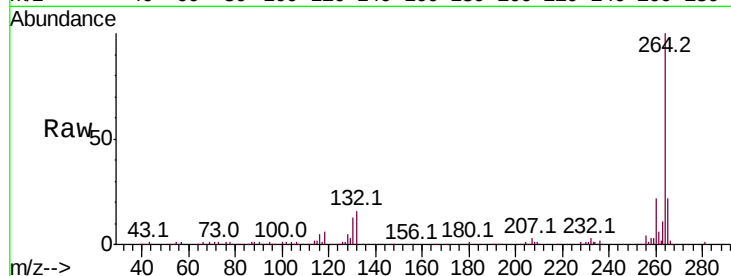




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF109663.D
 Acq: 8 Oct 2018 22:25

Instrument :
 BNA_F
 ClientSampleId :
 N48964-BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	21.7	16.7	25.1



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

