

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109160.D
 Acq On : 19 Sep 2018 22:44
 Operator : JU/SJ
 Sample : J4931-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-U-S

Quant Time: Sep 20 05:49:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137578	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501985	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	221846	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	380359	20.00	ng	0.00
75) Chrysene-d12	13.85	240	358844	20.00	ng	0.00
86) Perylene-d12	15.26	264	326062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	334734	40.41	ng	0.00
7) Phenol-d6	6.35	99	269685	25.25	ng	-0.01
23) Nitrobenzene-d5	7.28	82	772799	86.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	172138	71.50	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1335557	94.32	ng	0.00
78) Terphenyl-d14	12.81	244	1266512	83.66	ng	0.00

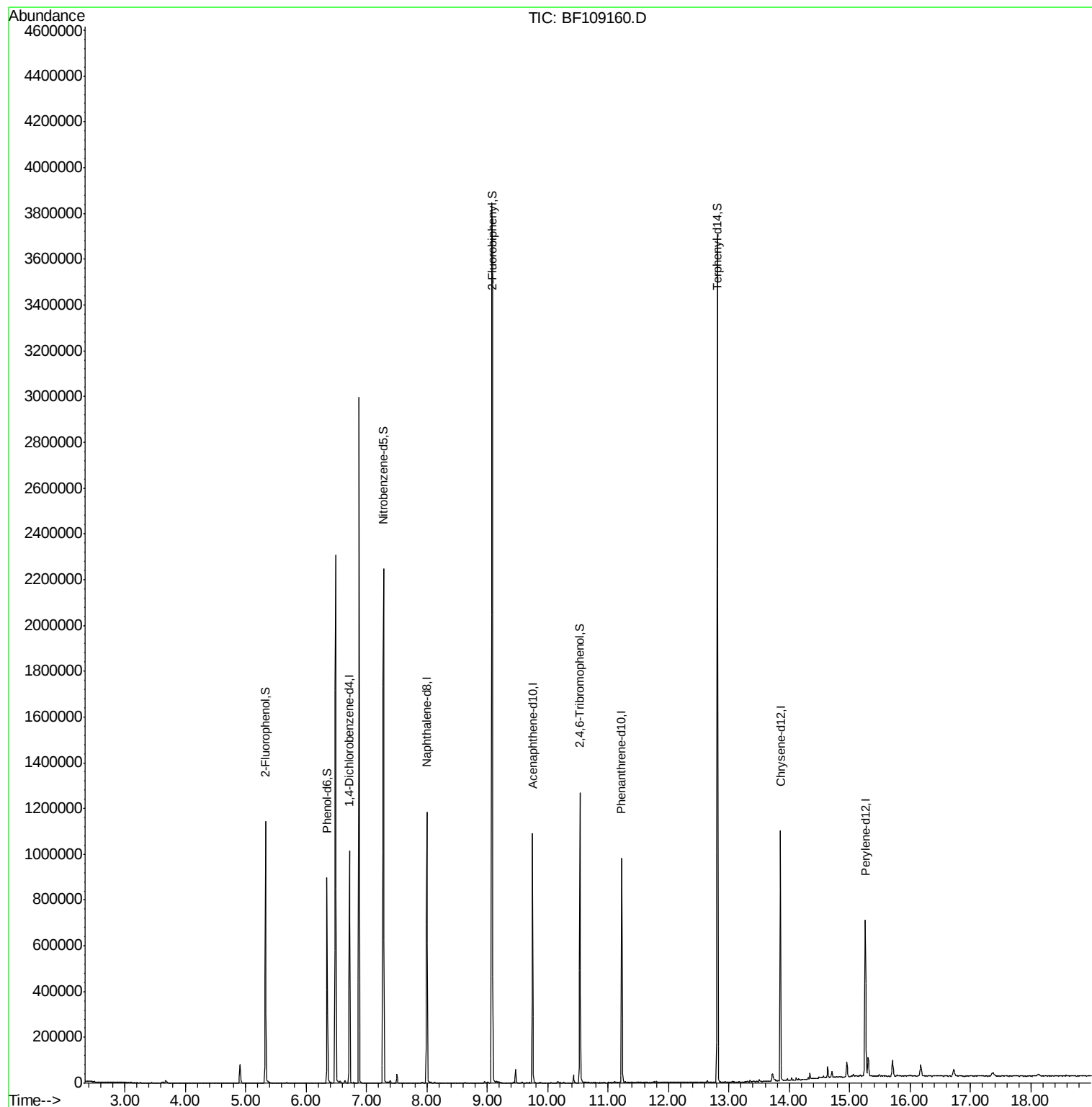
Target Compounds Qvalue

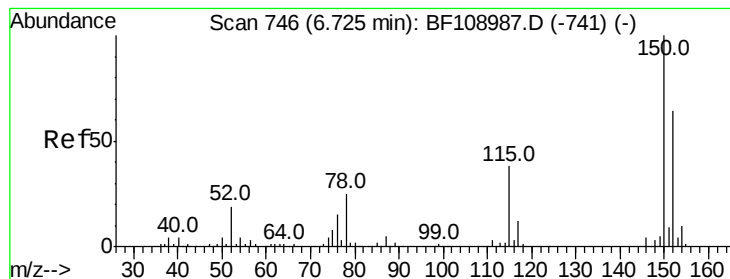
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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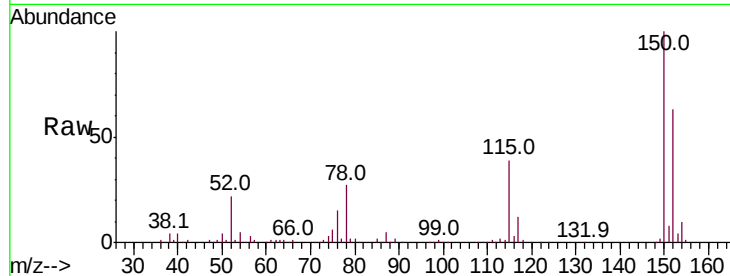


#1

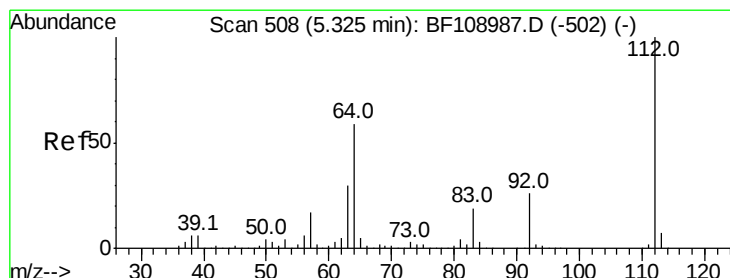
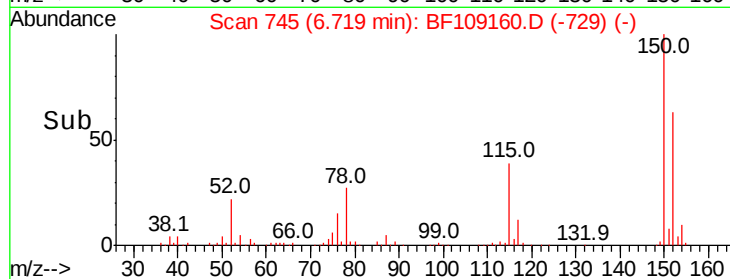
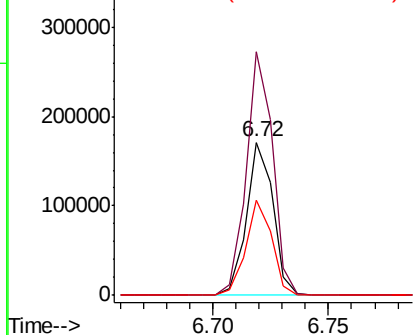
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-U-S

Tot Ion:152 Resp: 137578
 Ion Ratio Lower Upper
 152 100
 150 159.0 124.6 186.8
 115 61.7 50.1 75.1



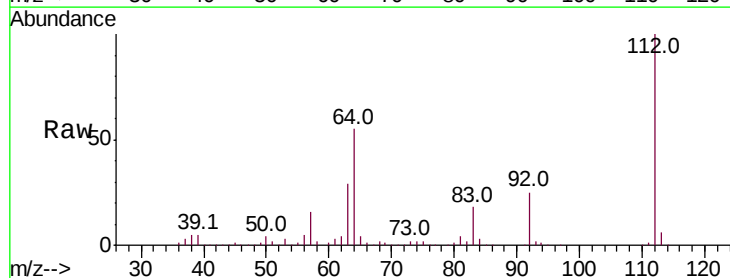
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



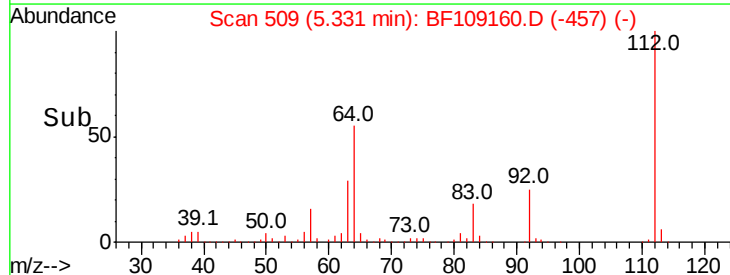
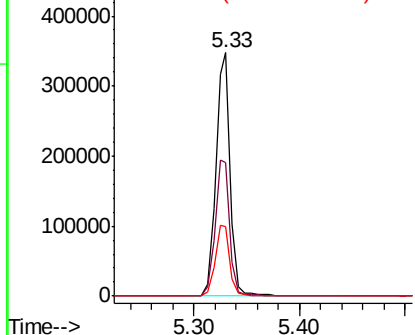
#5

2-Fluorophenol
 Concen: 40.410 ng
 RT: 5.33 min Scan# 509
 Delta R.T. 0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

Tgt Ion:112 Resp: 334734
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 28.6 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: 25.249 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109160.D

Acq: 19 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-U-S

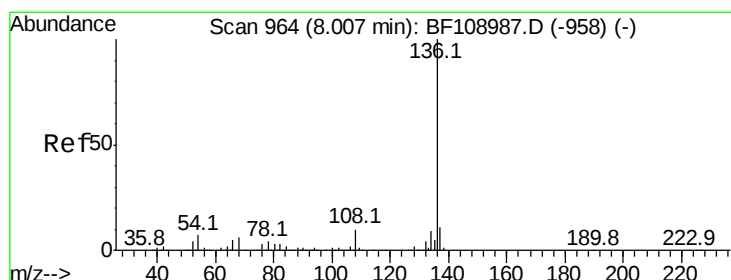
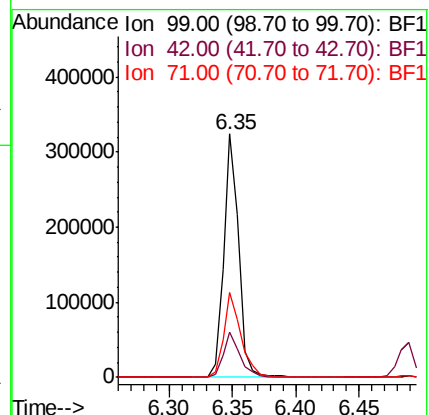
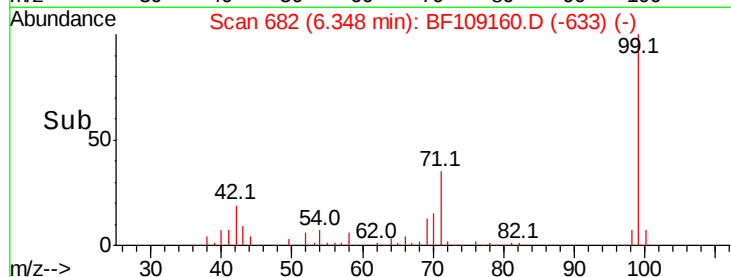
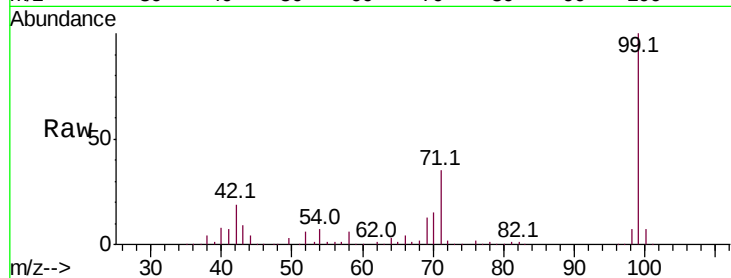
Tot Ion: 99 Resp: 269685

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 34.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109160.D

Acq: 19 Sep 2018 22:44

Tgt Ion: 136 Resp: 501985

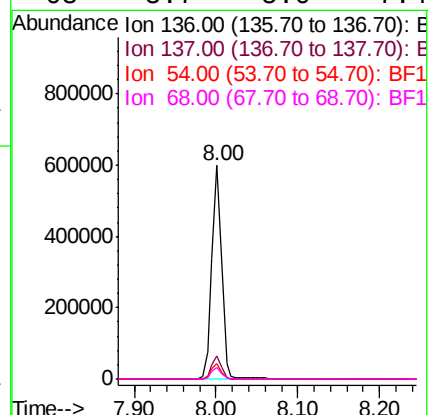
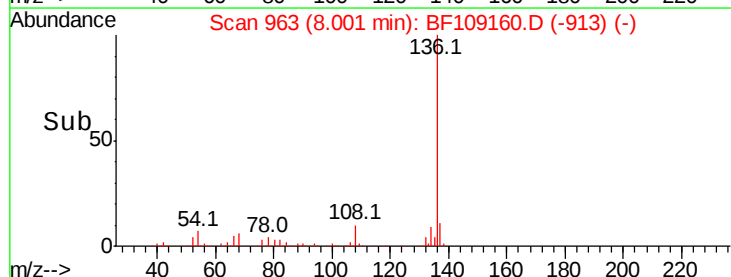
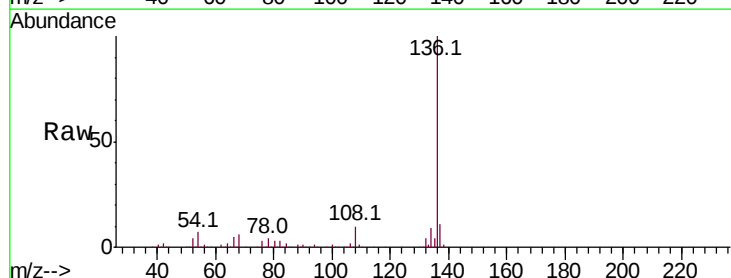
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.3 6.6 9.8

68 5.7 5.0 7.4

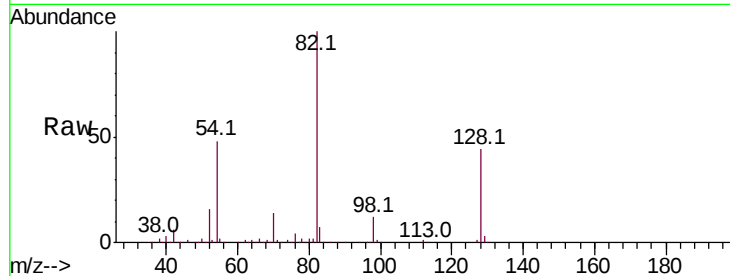




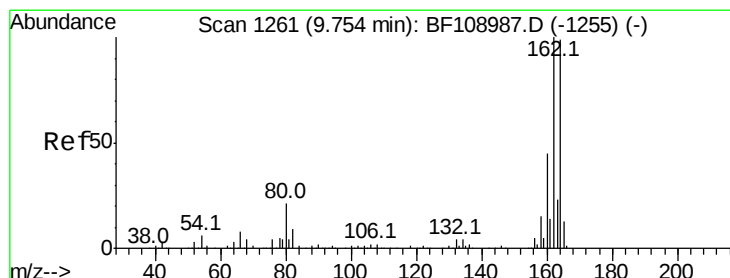
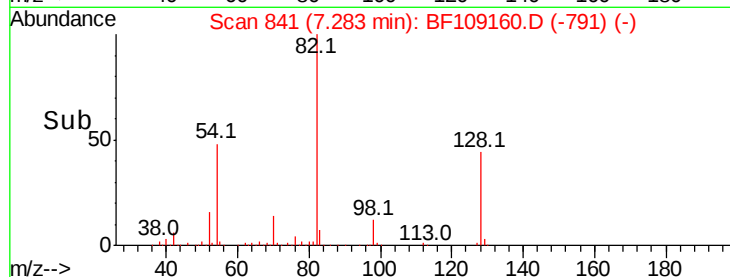
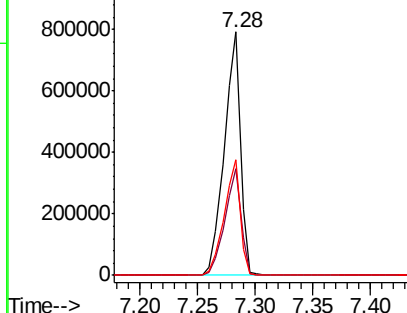
#23
Nitrobenzene-d5
Concen: 86.347 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-S

Tot Ion	82	Resp	772799
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.1	54.1
54	47.6	41.4	62.2

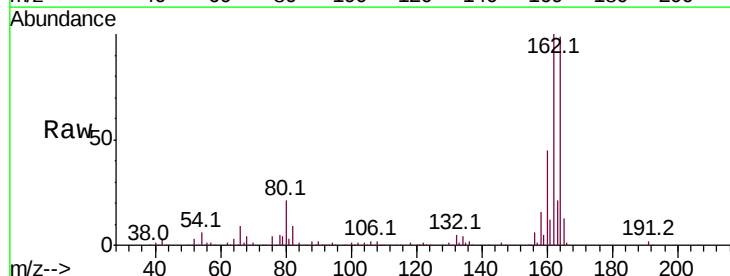


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

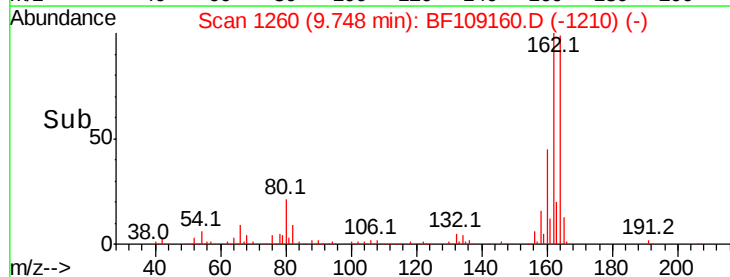
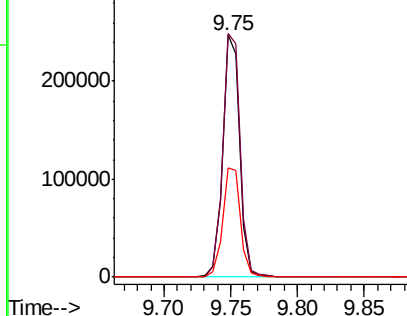


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

Tgt Ion	164	Resp	221846
Ion Ratio	Lower	Upper	
164	100		
162	100.5	86.1	129.1
160	45.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

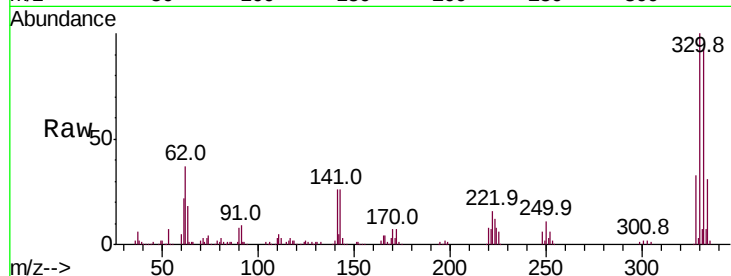




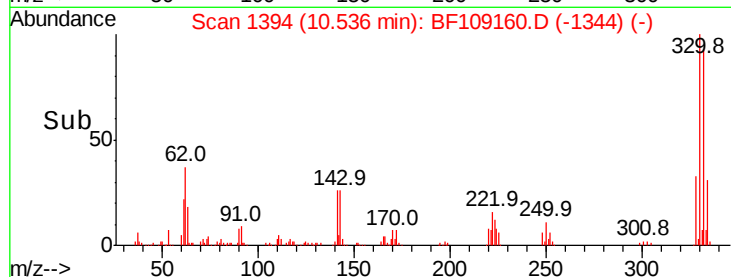
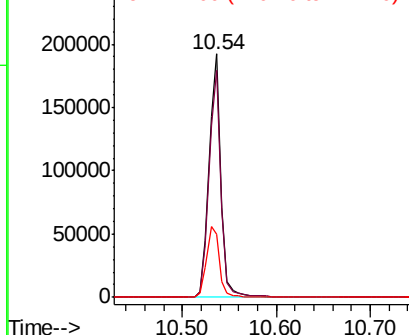
#41
 2,4,6-Tribromophenol
 Concen: 71.497 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 091418-JETT-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	31.2	29.9	44.9

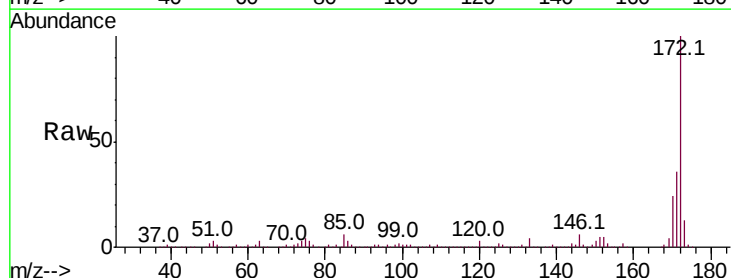


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

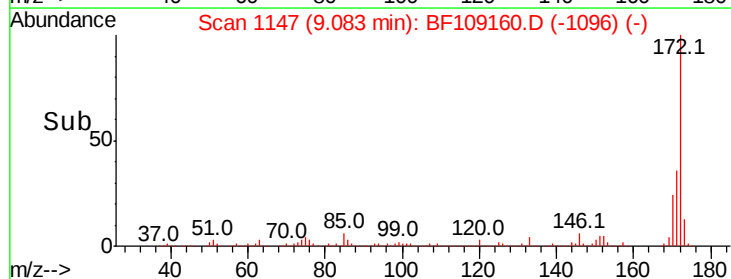
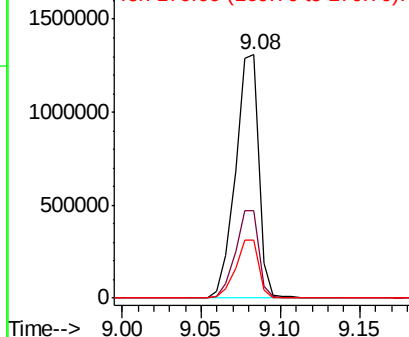


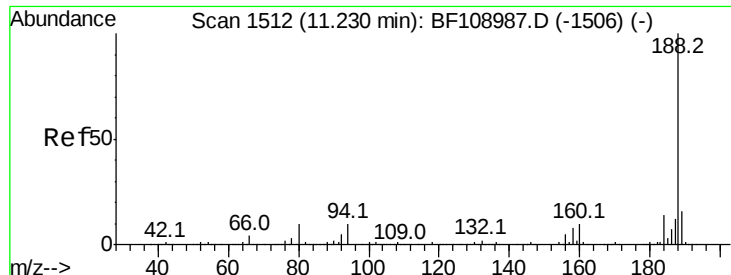
#44
 2-Fluorobiphenyl
 Concen: 94.320 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	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

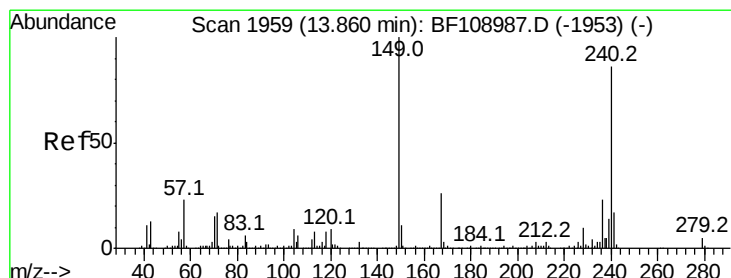
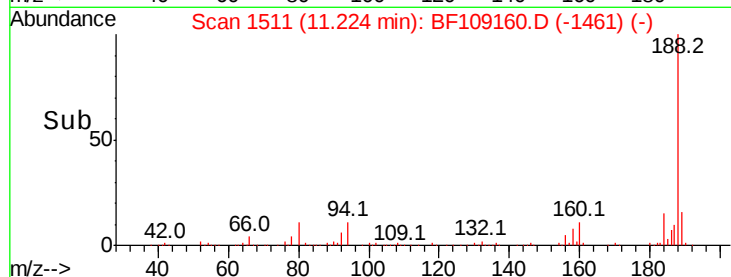
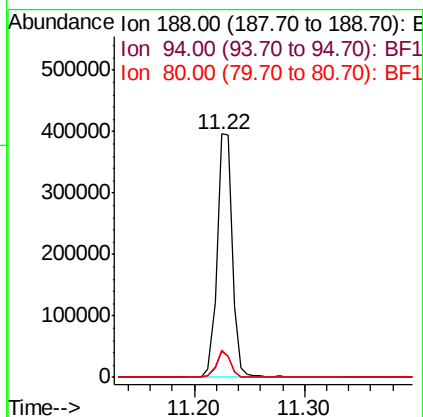
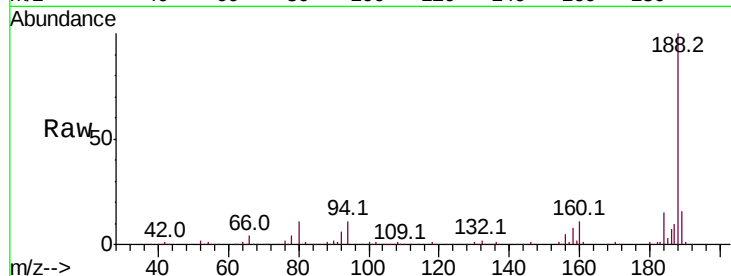




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

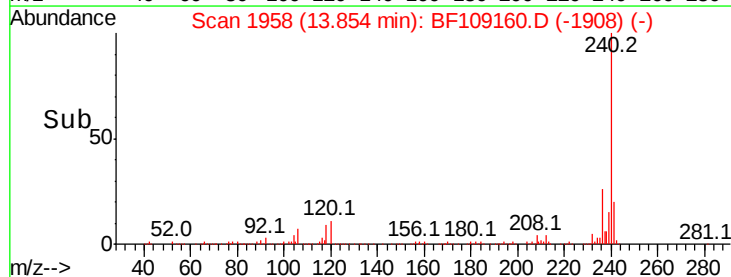
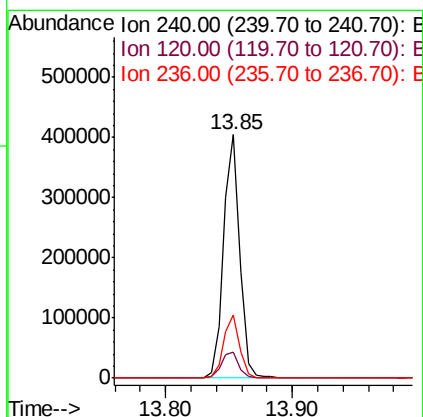
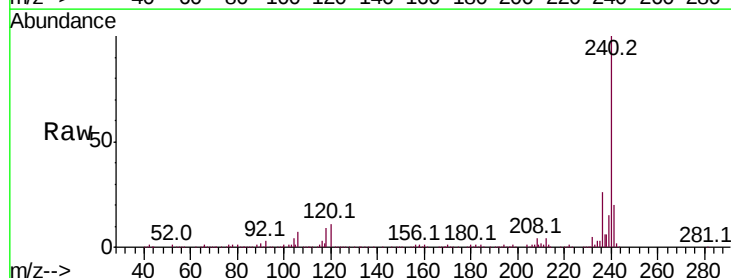
Instrument :
BNA_F
ClientSampleId :
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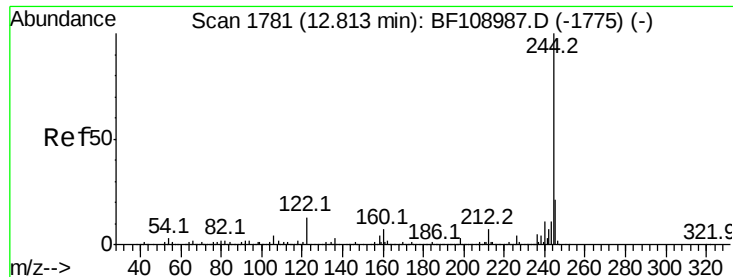
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.2	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.5	14.3
236	26.0	20.7	31.1





#78

Terphenyl-d14

Concen: 83.657 ng

RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF109160.D

Acq: 19 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

091418-JETT-E-U-S

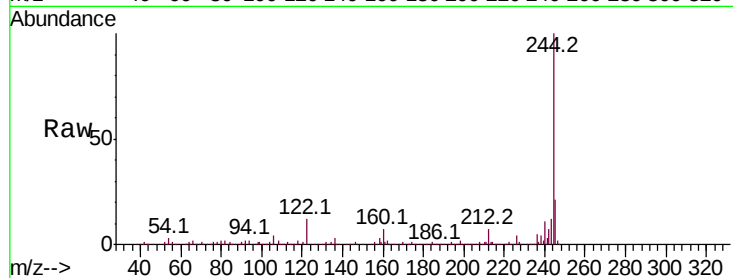
Tot Ion:244 Resp: 1266512

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

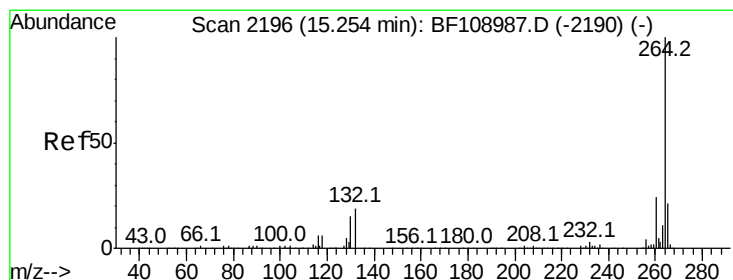
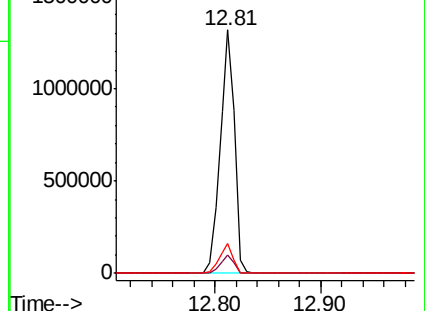
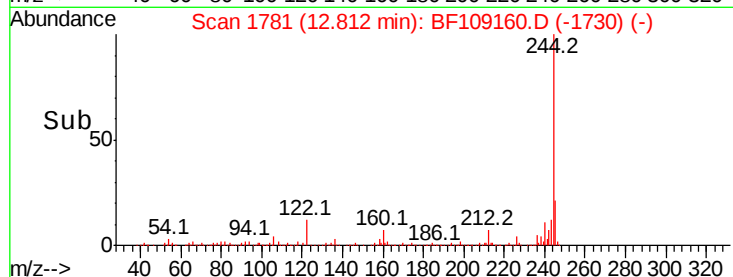
122 12.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2197

Delta R.T. 0.01 min

Lab File: BF109160.D

Acq: 19 Sep 2018 22:44

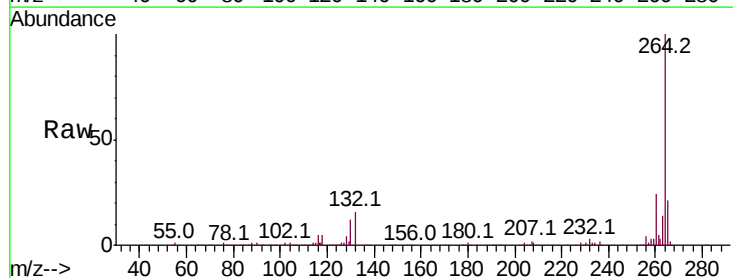
Tgt Ion:264 Resp: 326062

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.5 26.3



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

