

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 04:52:43 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

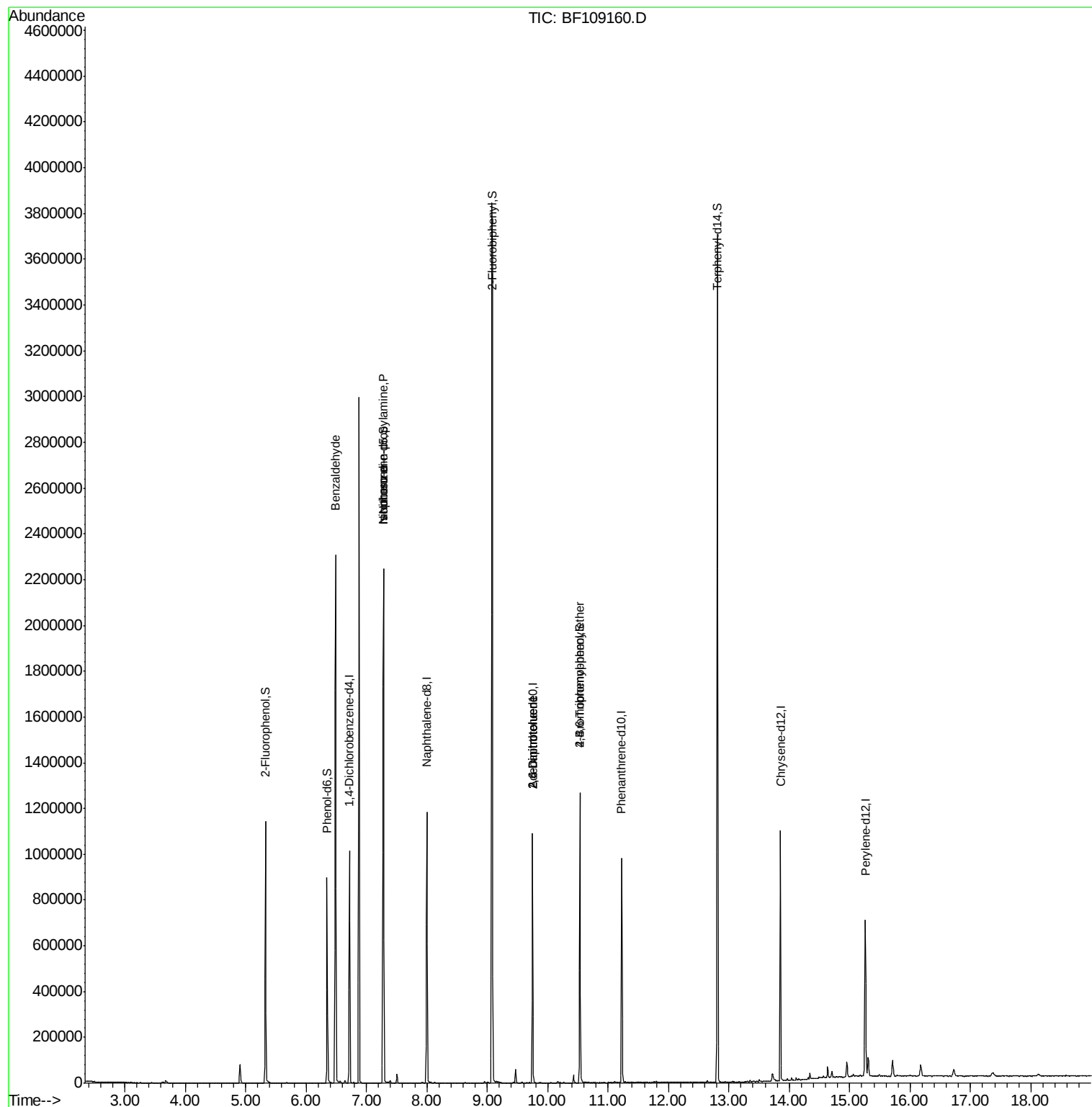
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	13674	2.004	ng	# 73
19) n-Nitroso-di-n-propylamine	7.28	70	103901	14.717	ng	# 77
25) Isophorone	7.28	82	766469	49.820	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	27767	7.897	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	27767	6.038	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	10576	2.466	ng	# 1

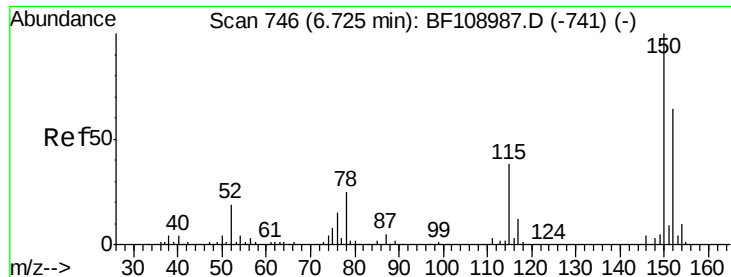
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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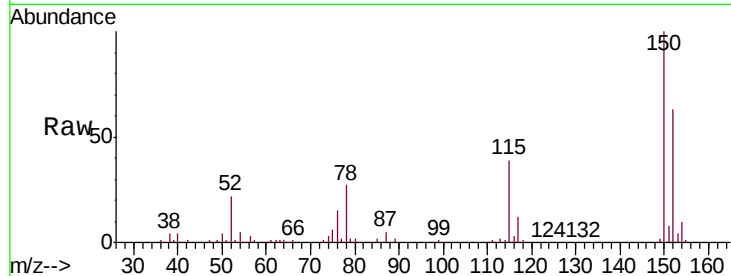


#1

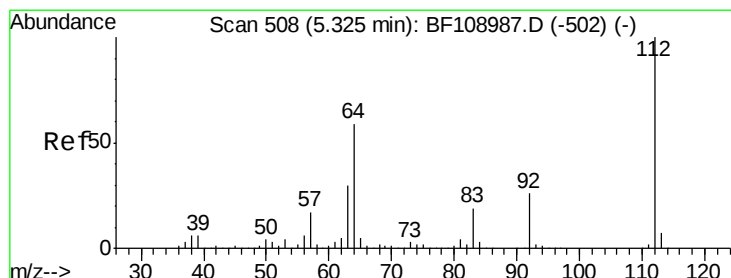
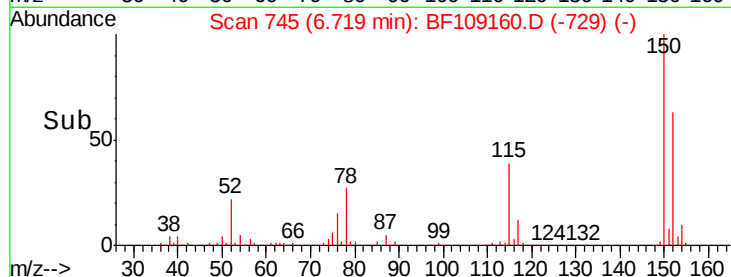
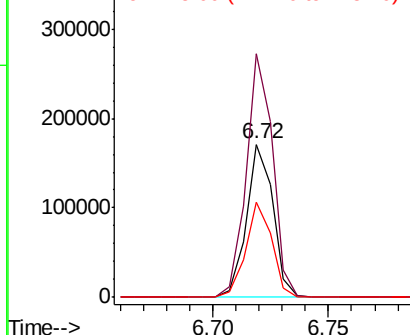
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

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

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



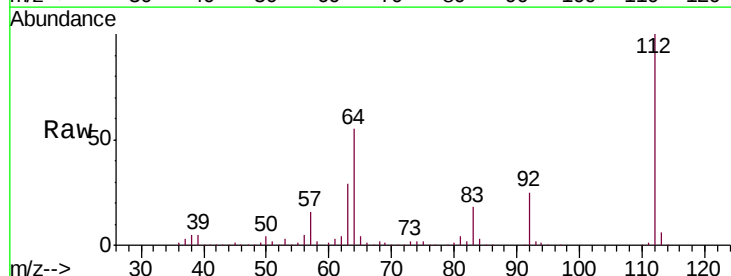
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



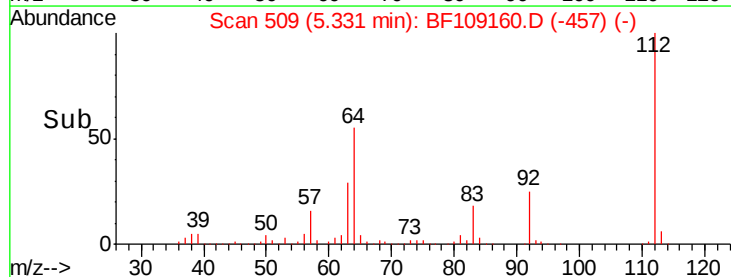
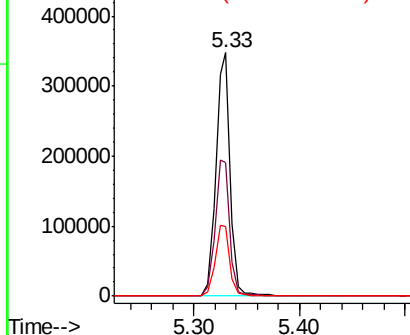
#5

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

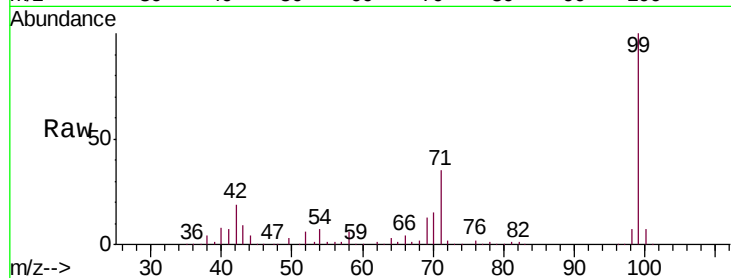
Tgt Ion: 99 Resp: 269685

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

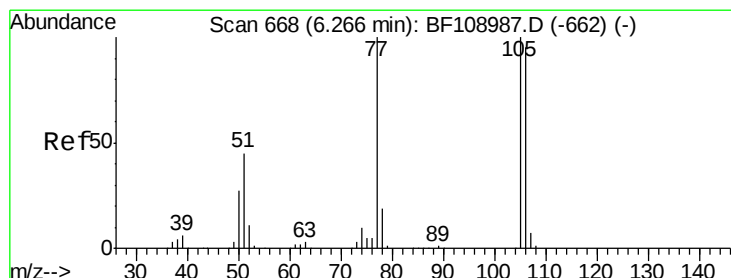
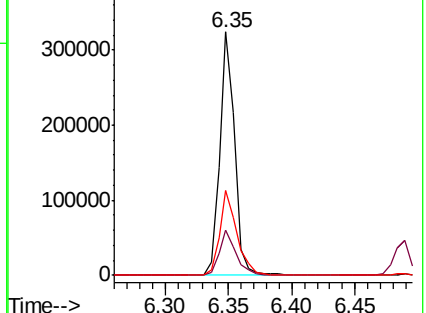
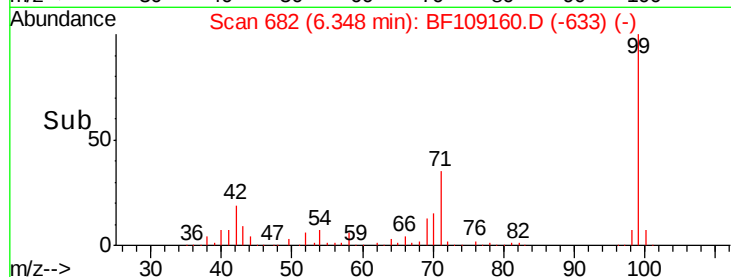
71 34.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.004 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.22 min

Lab File: BF109160.D

Acq: 19 Sep 2018 22:44

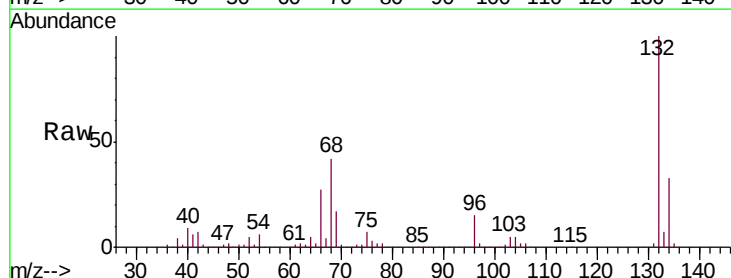
Tgt Ion: 77 Resp: 13674

Ion Ratio Lower Upper

77 100

105 77.5 81.1 121.1#

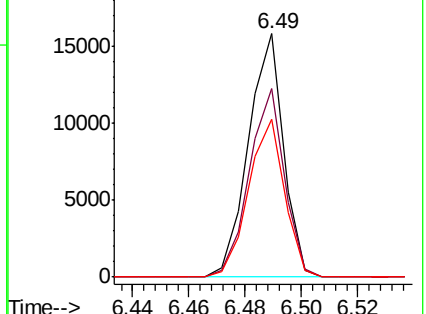
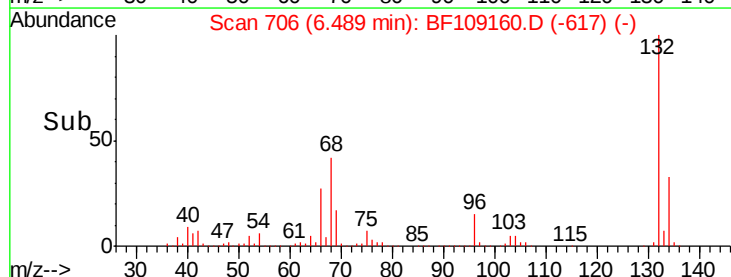
106 64.6 74.5 114.5#

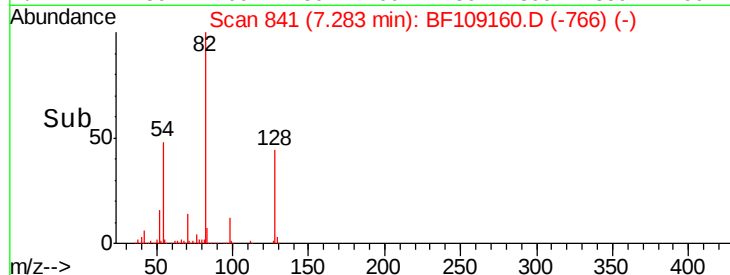
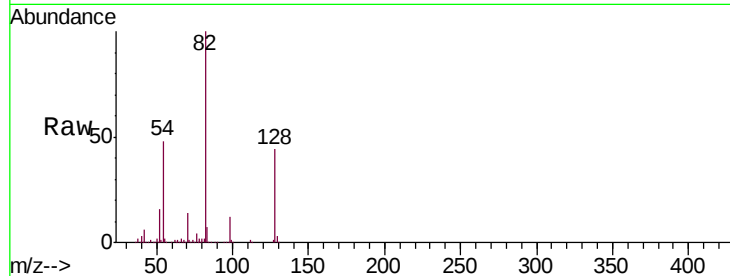
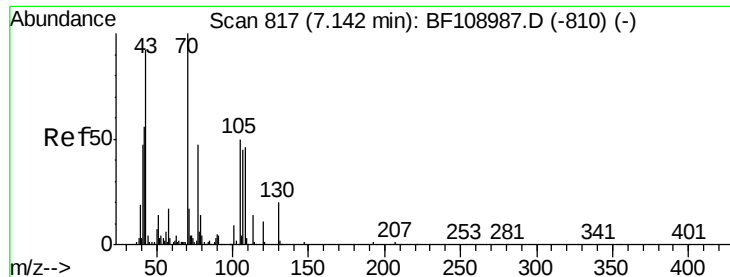


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

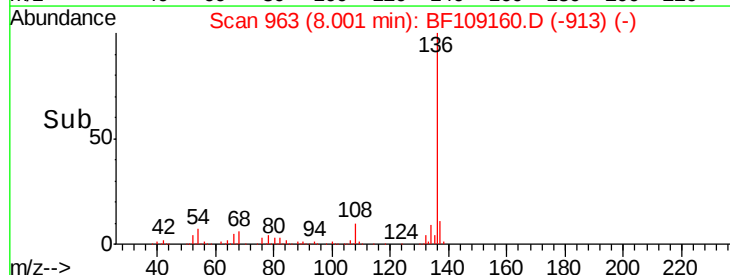
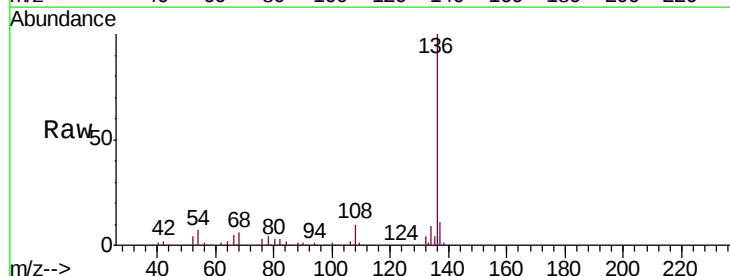
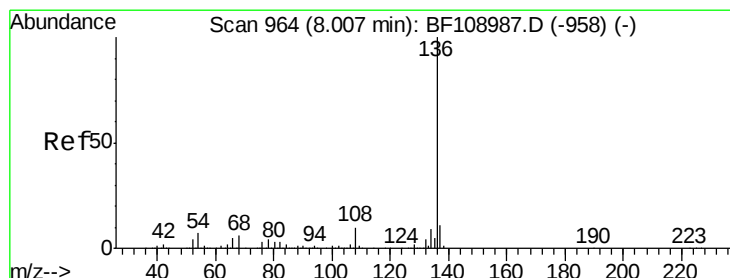
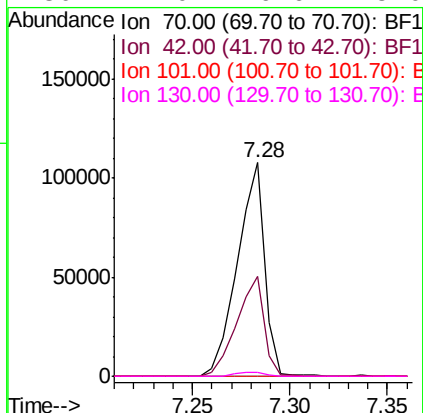




#19
n-Nitroso-di-n-propylamine
Concen: 14.717 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

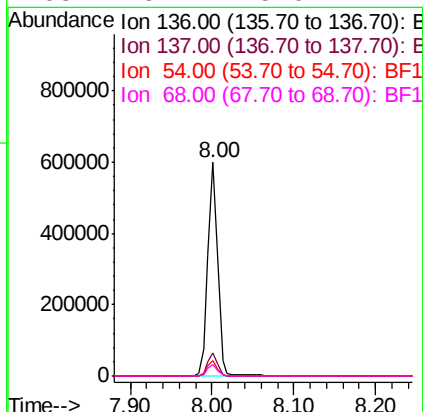
Instrument :
BNA_F
ClientSampleId :
091418-JETT-E-U-S

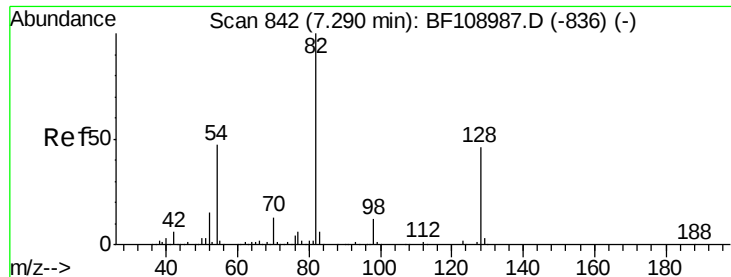
Tgt Ion:	70	Resp:	103901
Ion	Ratio	Lower	Upper
70	100		
42	46.5	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#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

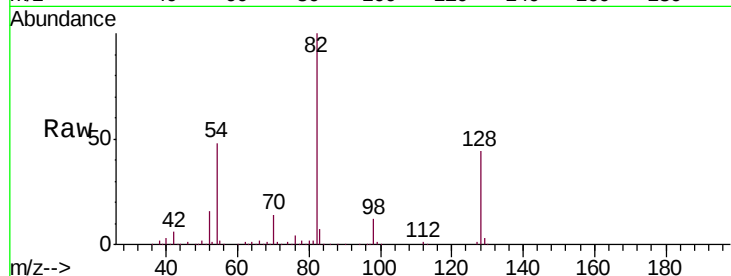




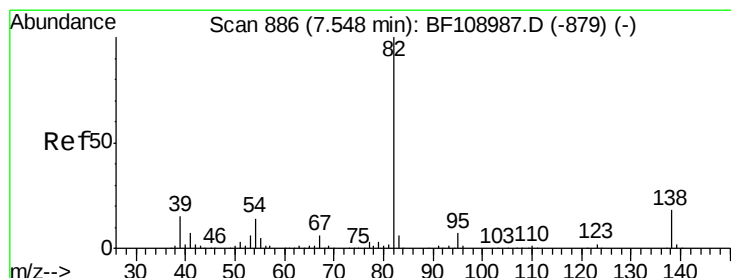
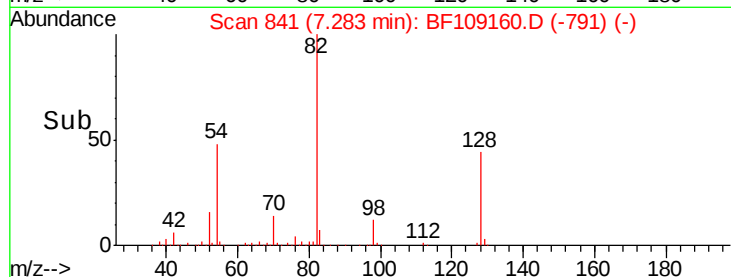
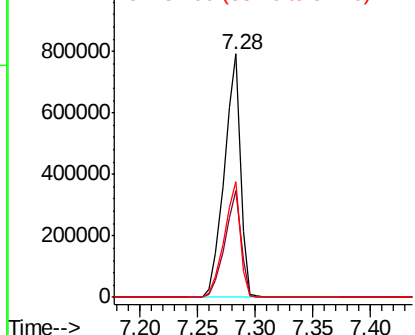
#23
Nitrobenzene-d5
Concen: 86.347 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	47.6	41.4	62.2

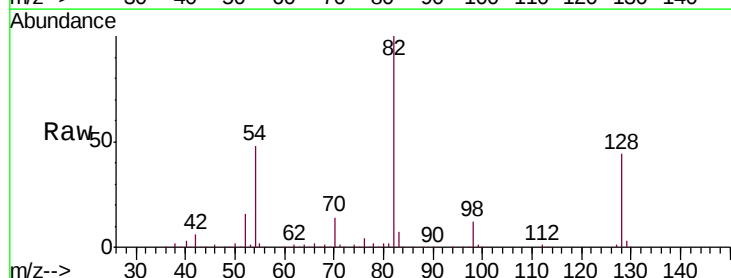


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

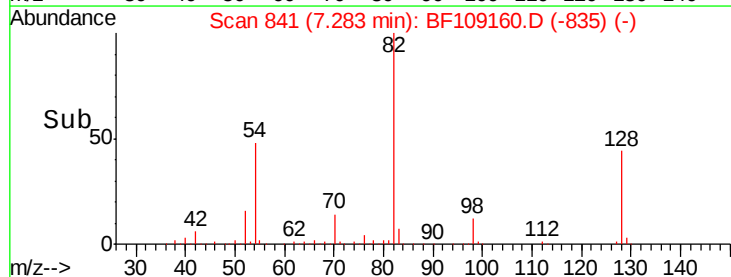
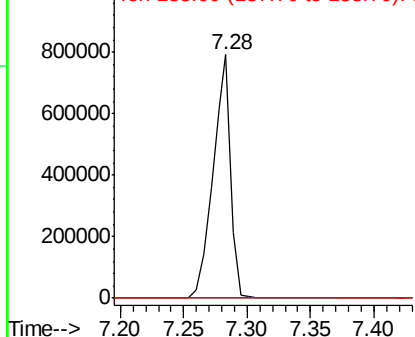


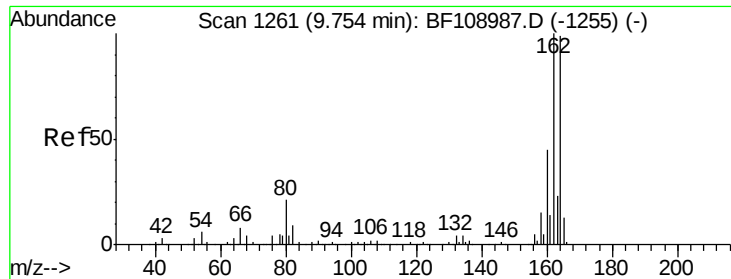
#25
Isophorone
Concen: 49.820 ng
RT: 7.28 min Scan# 841
Delta R.T. -0.26 min
Lab File: BF109160.D
Acq: 19 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

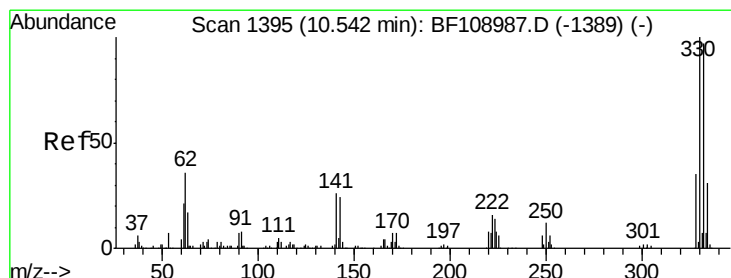
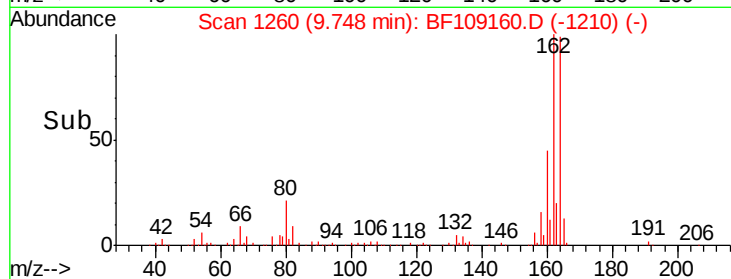
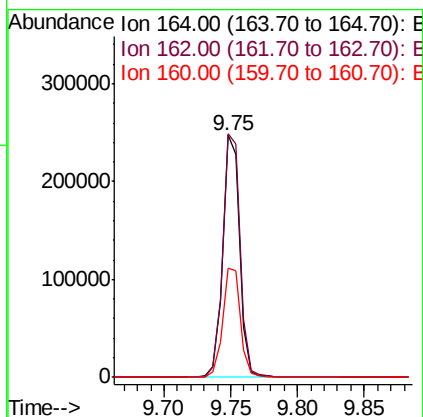
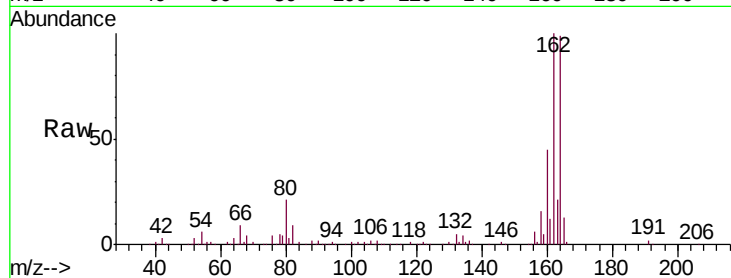




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

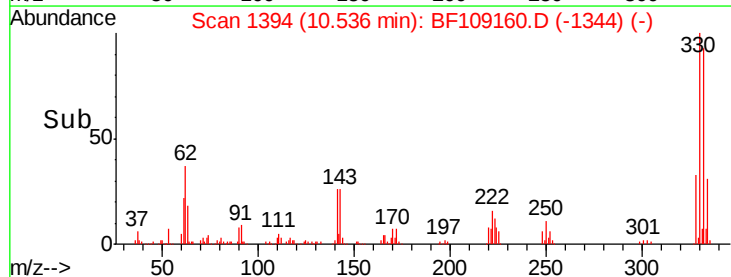
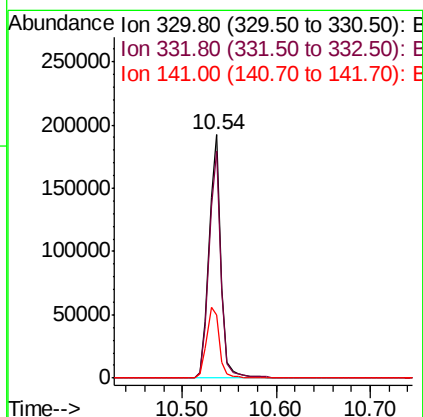
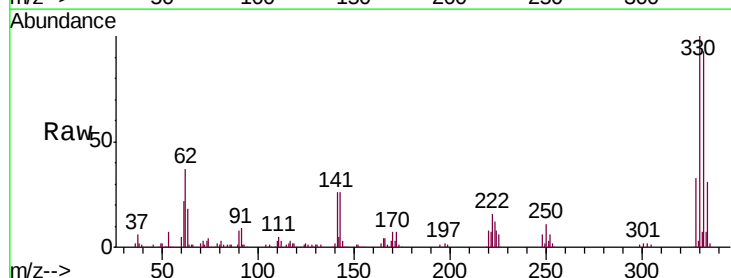
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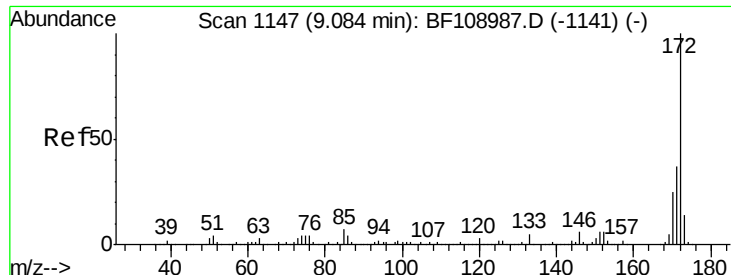
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.2	38.3	57.5



#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

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

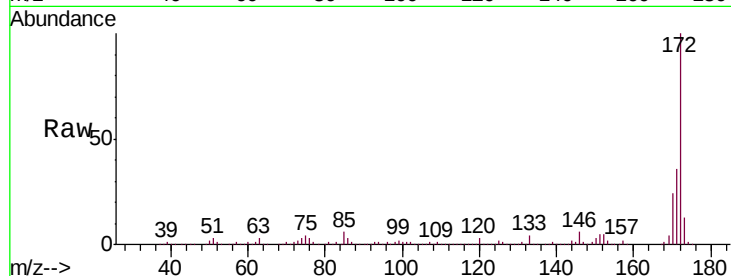




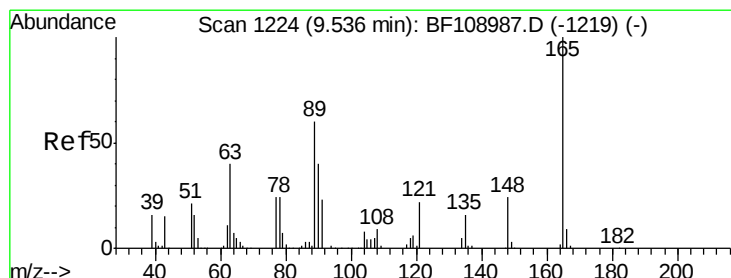
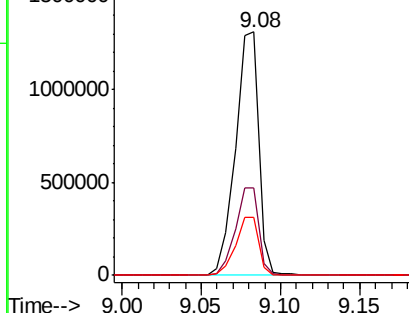
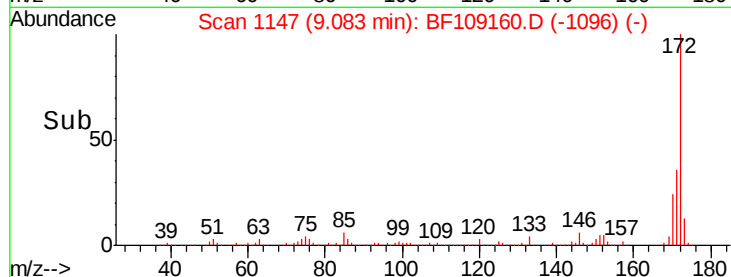
#44
 2-Fluorobiphenyl
 Concen: 94.320 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

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

Tgt Ion:172 Resp: 1335557
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.9 19.6 29.4

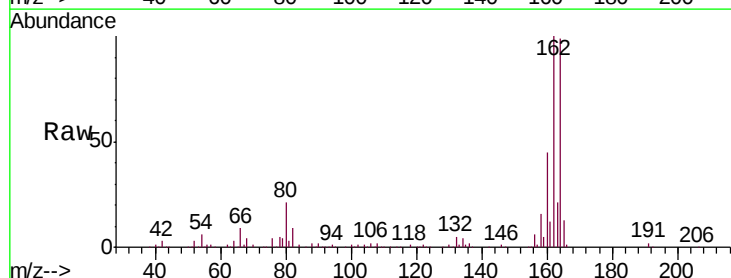


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

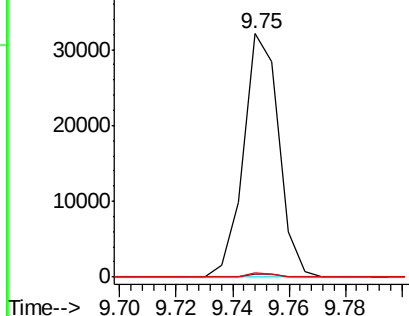
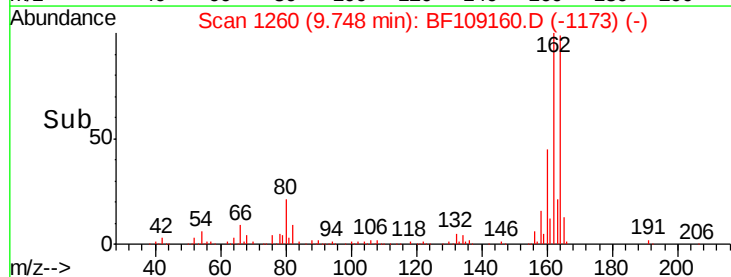


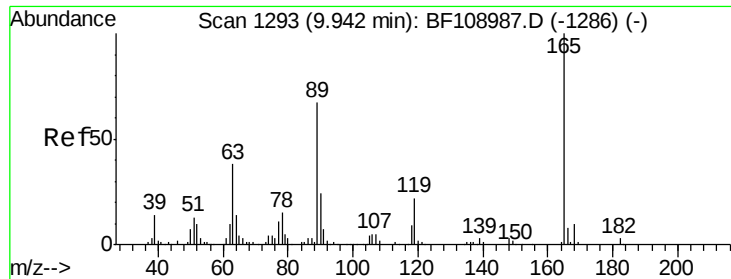
#50
 2,6-Dinitrotoluene
 Concen: 7.897 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

Tgt Ion:165 Resp: 27767
 Ion Ratio Lower Upper
 165 100
 63 1.0 44.7 67.1#
 89 1.5 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

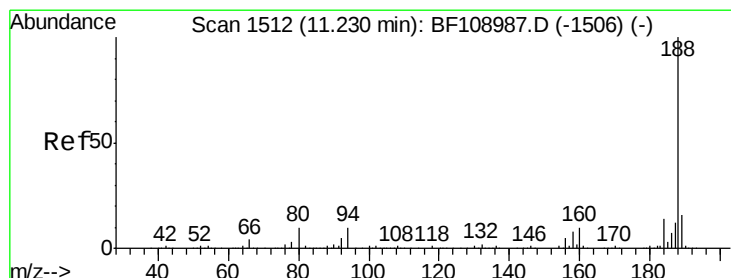
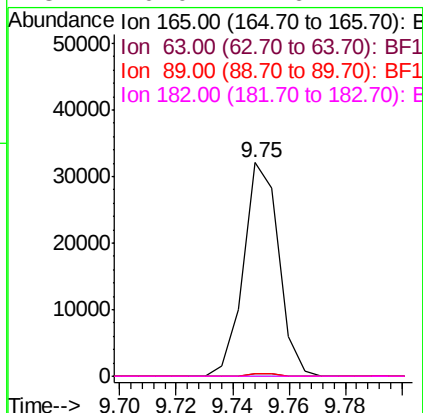
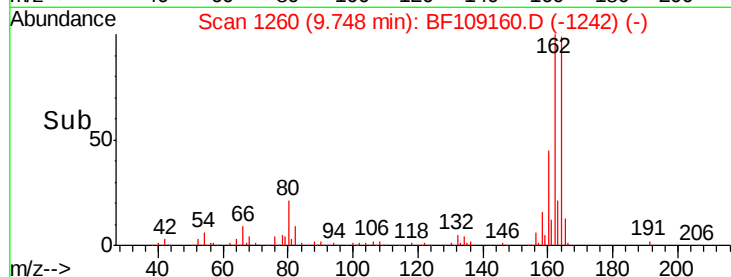
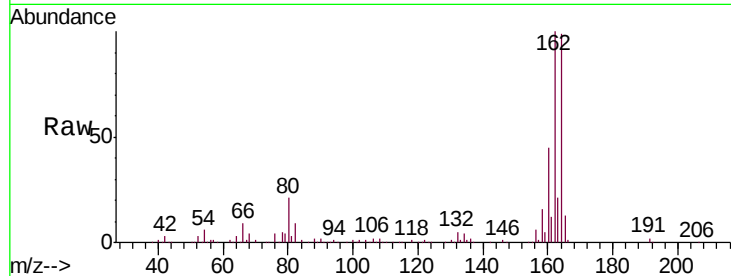




#56
 2,4-Dinitrotoluene
 Concen: 6.038 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

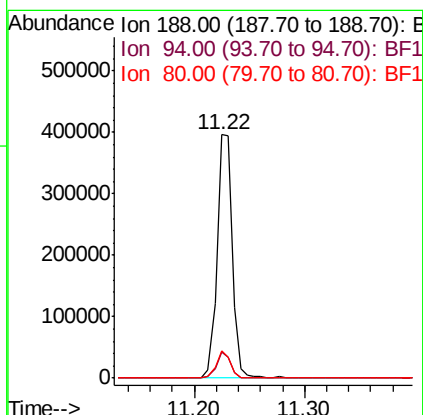
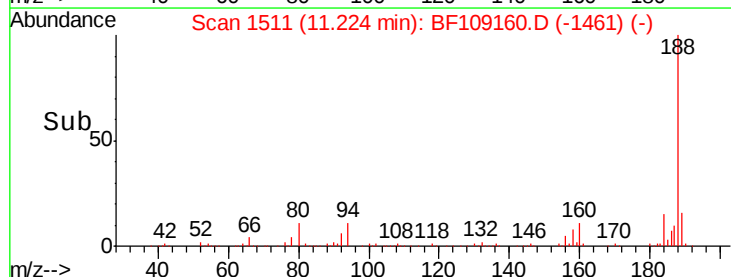
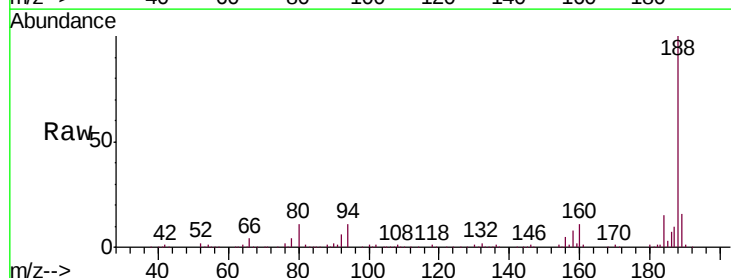
Instrument :
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 091418-JETT-E-U-S

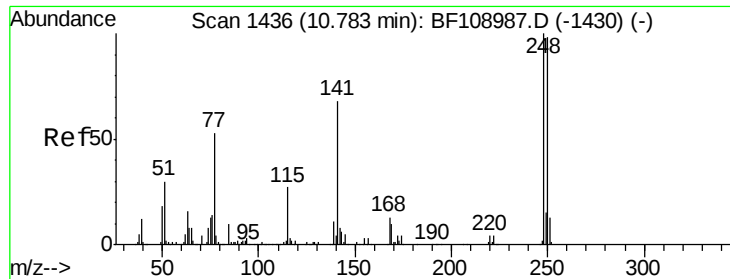
Tgt Ion:165 Resp: 27767
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#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

Tgt Ion:188 Resp: 380359
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.2 9.2 13.8

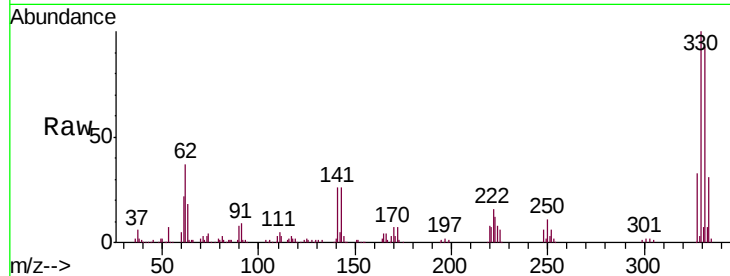




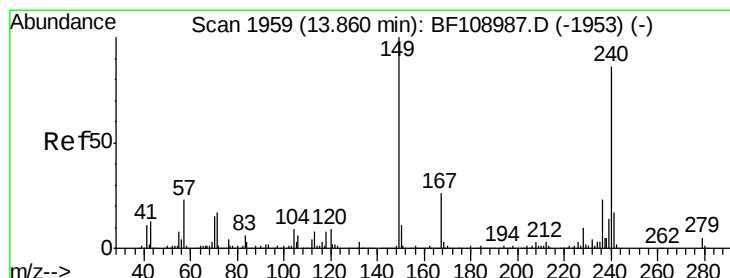
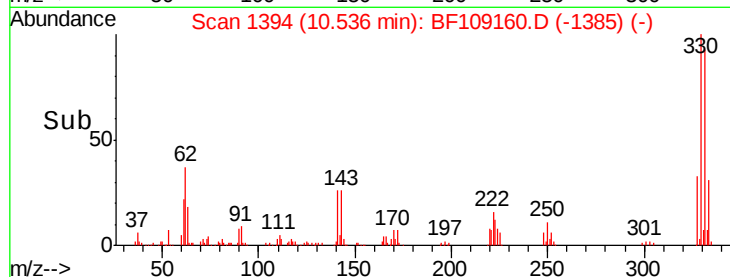
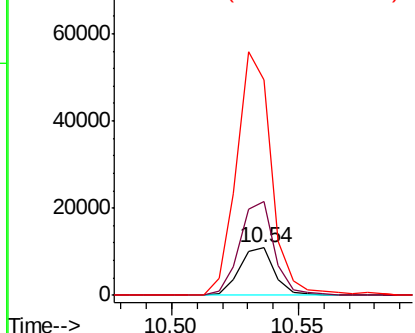
#66
 4-Bromophenyl-phenylether
 Concen: 2.466 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.25 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	196.9	76.9	115.3#
141	453.1	74.4	111.6#

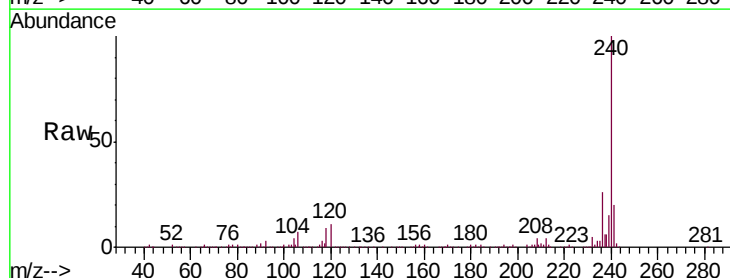


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

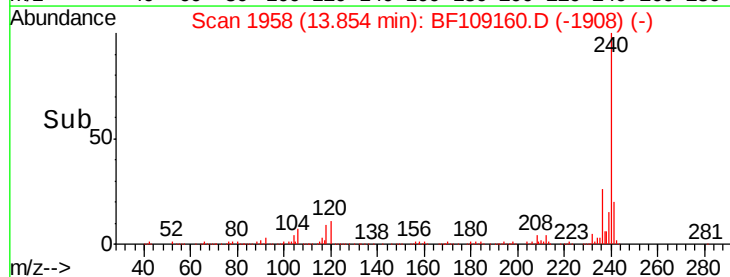
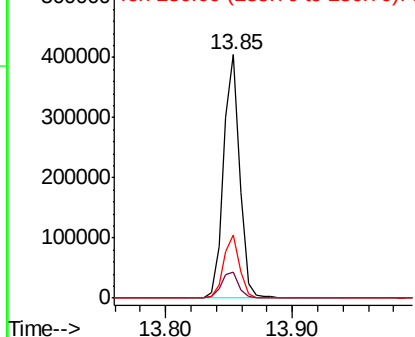


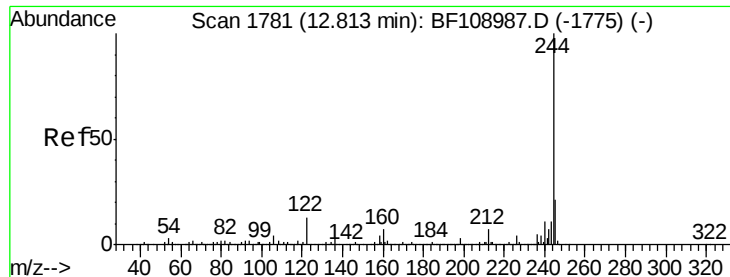
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BF109160.D
 Acq: 19 Sep 2018 22:44

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



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: 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

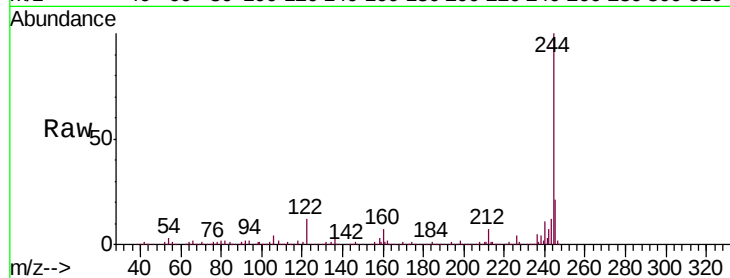
Tgt Ion:244 Resp: 1266512

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

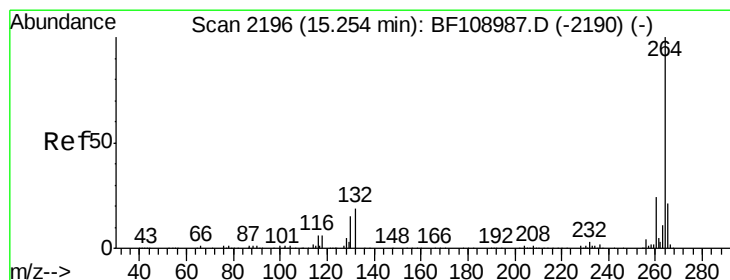
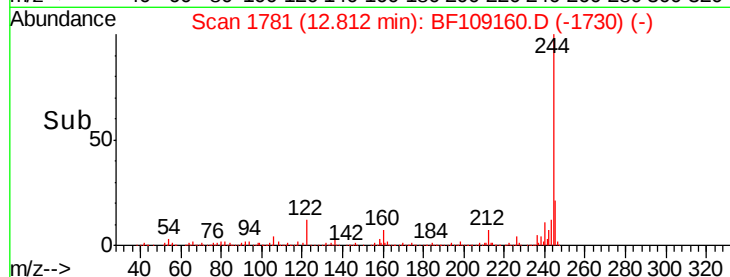
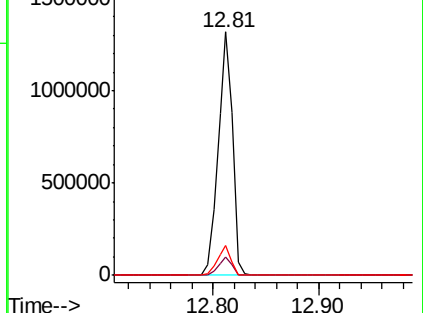
122 12.0 11.0 16.4



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

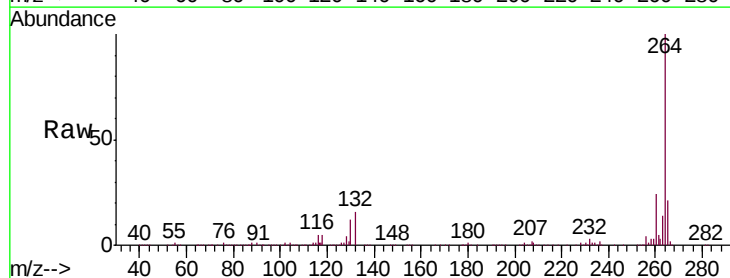
Tgt Ion:264 Resp: 326062

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

