

Data File : BF108905.D
Acq On : 10 Sep 2018 20:44
Operator : JU/SJ
Sample : J4834-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1

Quant Time: Sep 11 03:02:52 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	171368	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	587235	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	225863	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	394283	20.00	ng	0.00
75) Chrysene-d12	13.87	240	452710	20.00	ng	0.00
86) Perylene-d12	15.28	264	336873	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	968764	93.65	ng	0.02
7) Phenol-d6	6.37	99	1243510	93.43	ng	0.00
23) Nitrobenzene-d5	7.30	82	747229	79.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	225379	104.53	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1226720	92.66	ng	0.00
78) Terphenyl-d14	12.83	244	1153839	59.43	ng	0.00

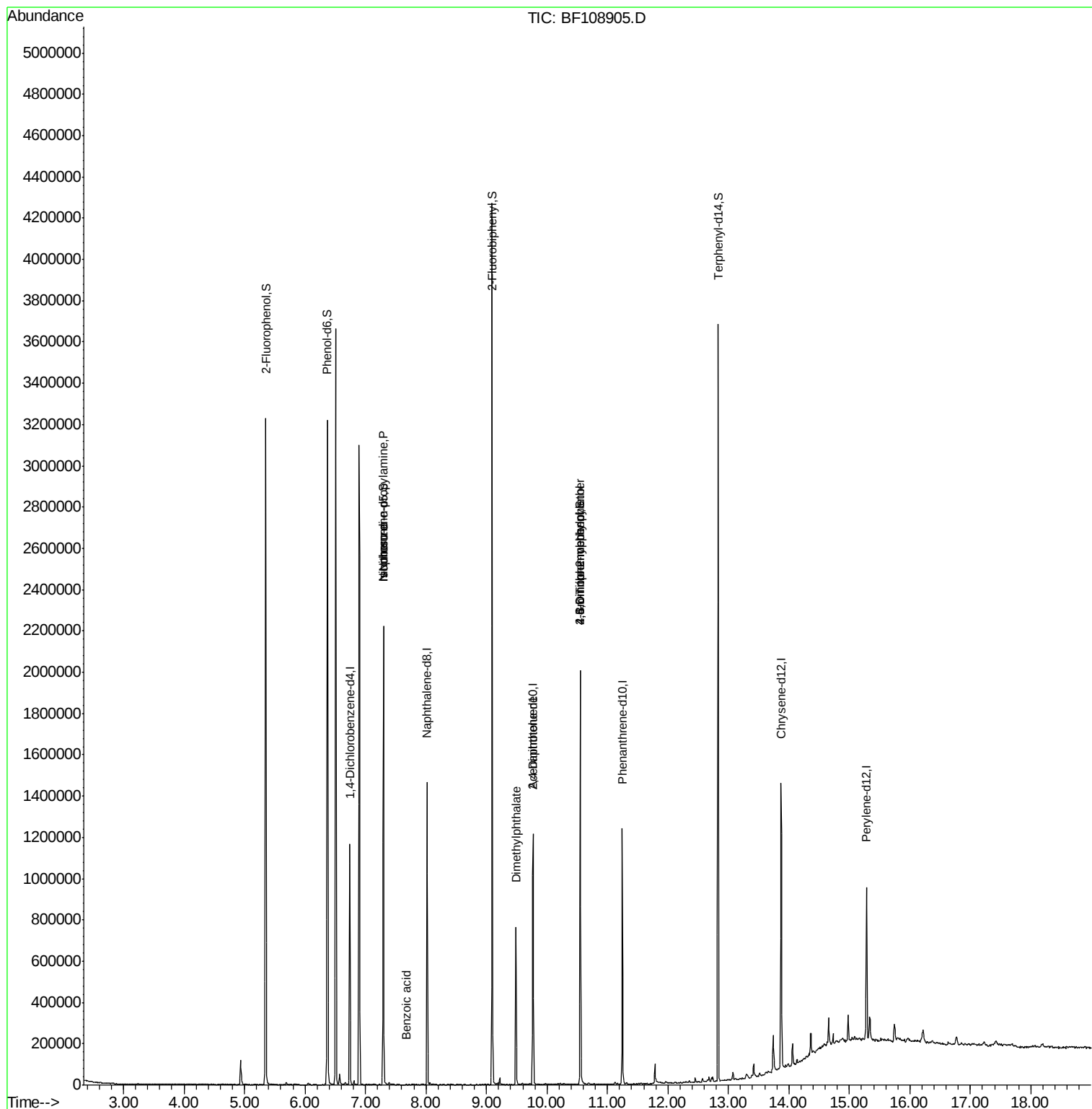
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	100644	10.879	ng	# 77
25) Isophorone	7.30	82	744288	39.765	ng	# 64
32) Benzoic acid	7.68	122	241	4.065	ng	# 1
49) Dimethylphthalate	9.49	163	318126	20.138	ng	99
56) 2,4-Dinitrotoluene	9.77	165	28628	7.437	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	382	7.080	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13473	3.025	ng	# 1

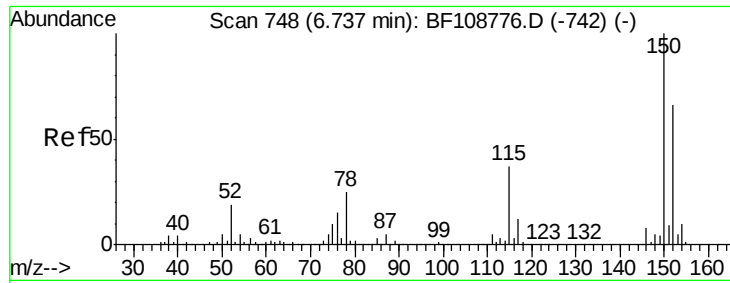
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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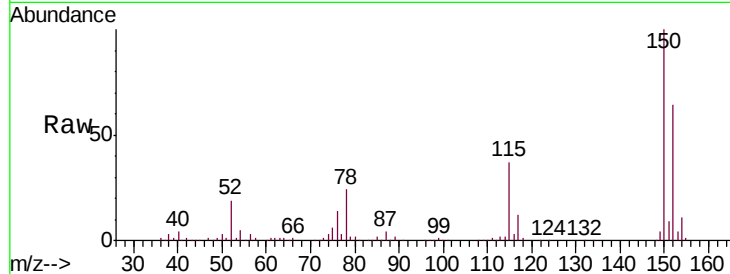


#1

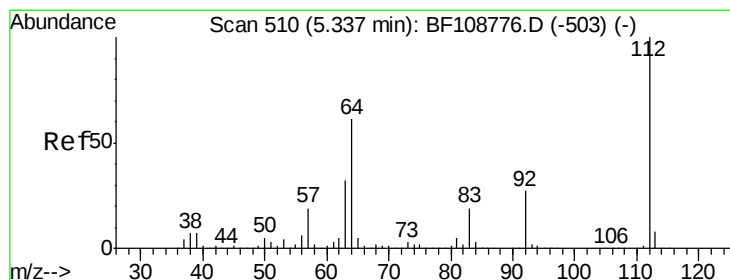
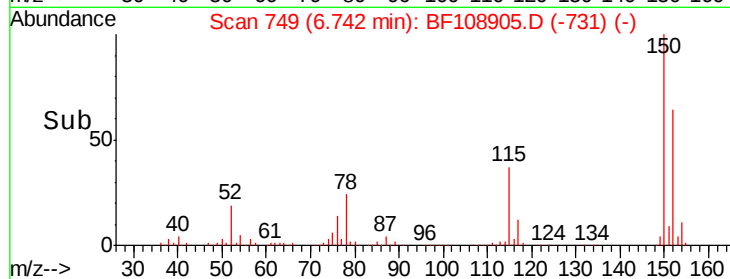
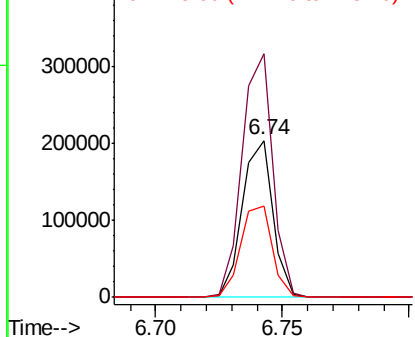
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108905.D
Acq: 10 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:152 Resp: 171368
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 58.1 50.1 75.1



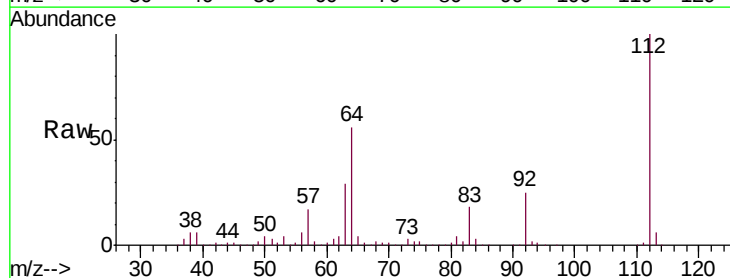
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



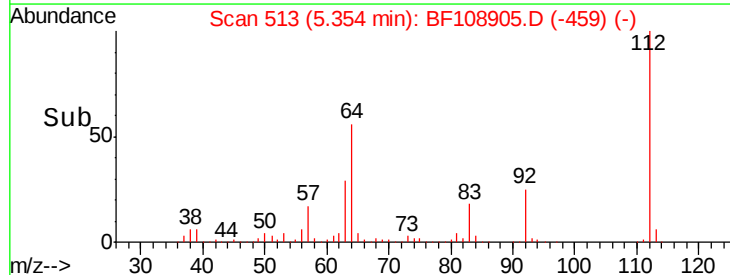
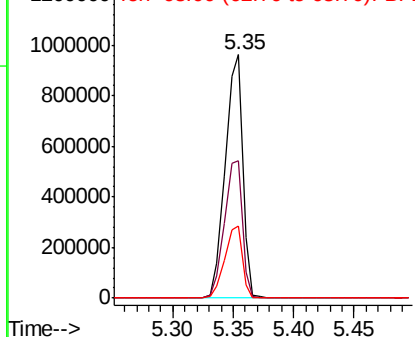
#5

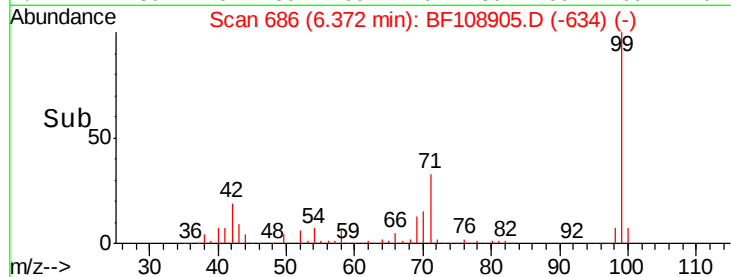
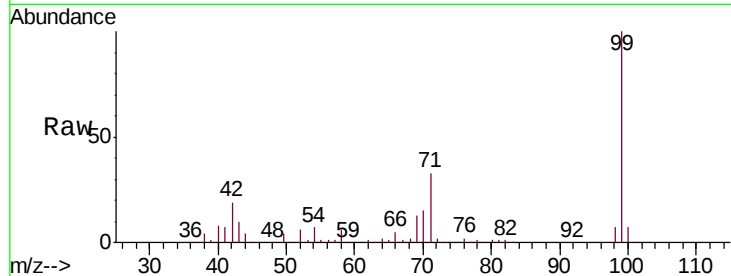
2-Fluorophenol
Concen: 93.653 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108905.D
Acq: 10 Sep 2018 20:44

Tgt Ion:112 Resp: 968764
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.4 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: 93.431 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108905.D

Acq: 10 Sep 2018 20:44

Instrument :

BNA_F

ClientSampled :

C-1

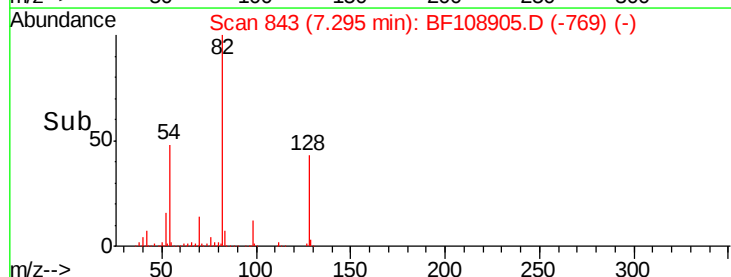
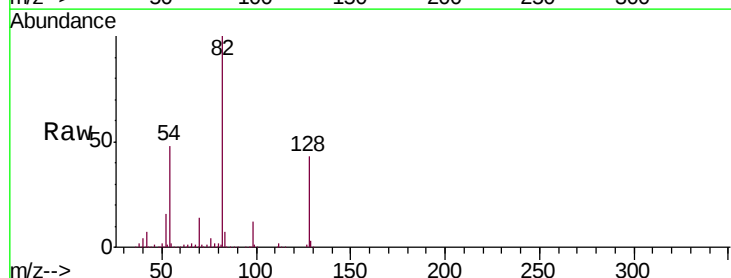
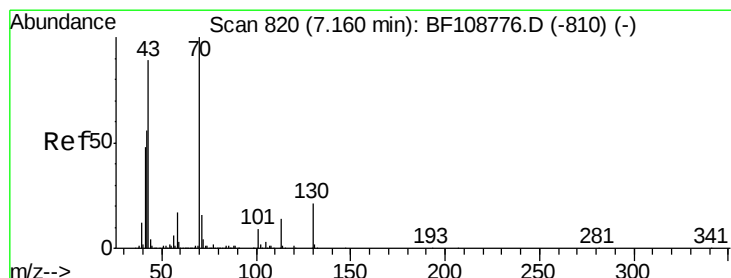
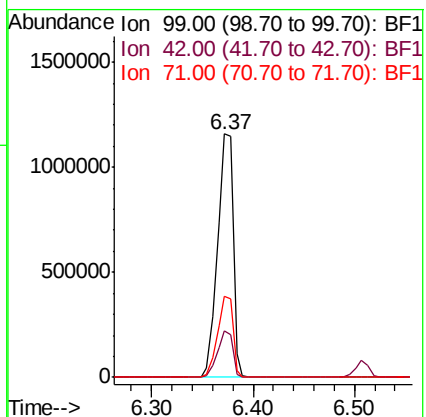
Tgt Ion: 99 Resp: 1243510

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.879 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108905.D

Acq: 10 Sep 2018 20:44

Tgt Ion: 70 Resp: 100644

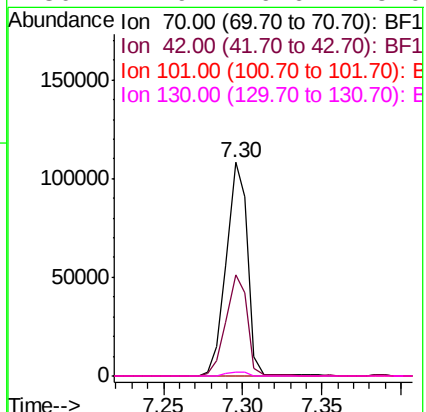
Ion Ratio Lower Upper

70 100

42 47.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#

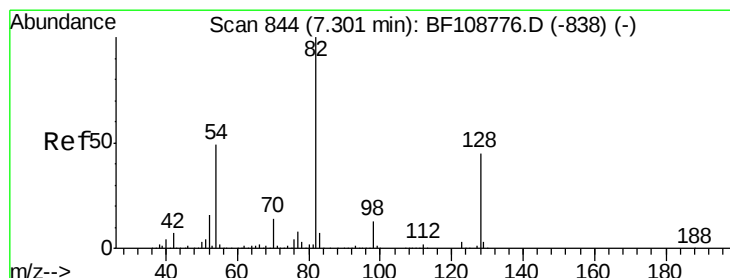
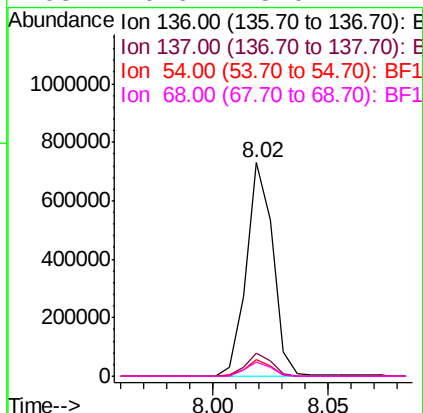
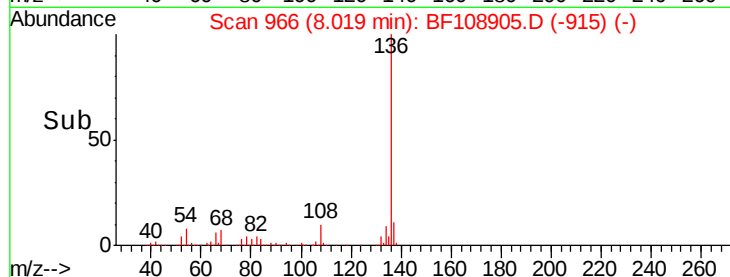
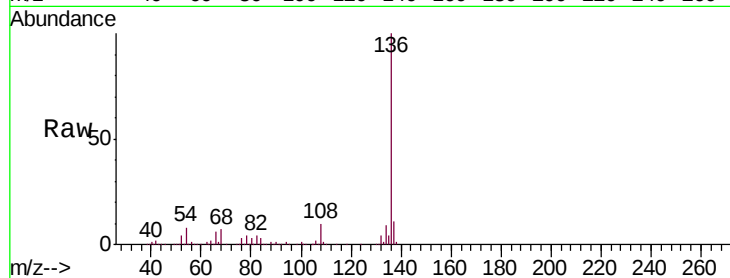




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108905.D
Acq: 10 Sep 2018 20:44

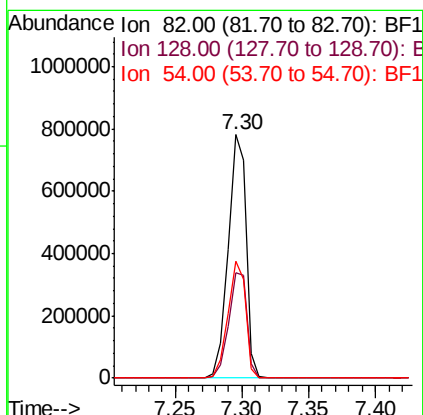
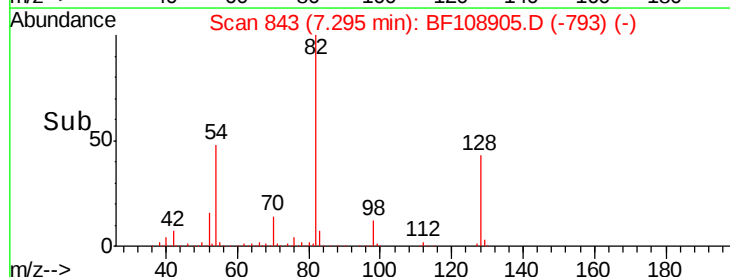
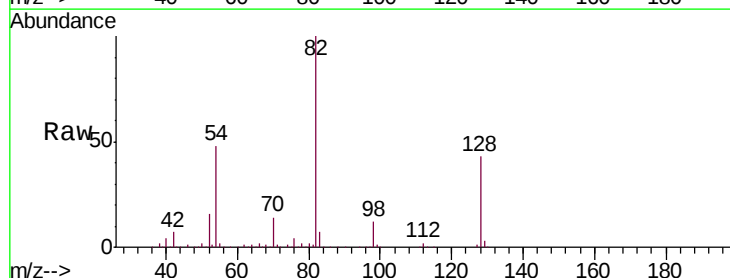
Instrument :
BNA_F
ClientSampleId :
C-1

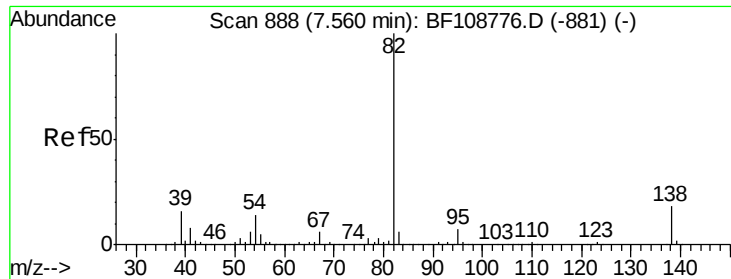
Tgt Ion:	136	Resp:	587235
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.631 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108905.D
Acq: 10 Sep 2018 20:44

Tgt Ion:	82	Resp:	747229
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.0	41.4	62.2





#25

Isophorone

Concen: 39.765 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108905.D

Acq: 10 Sep 2018 20:44

Instrument :

BNA_F

ClientSampleId :

C-1

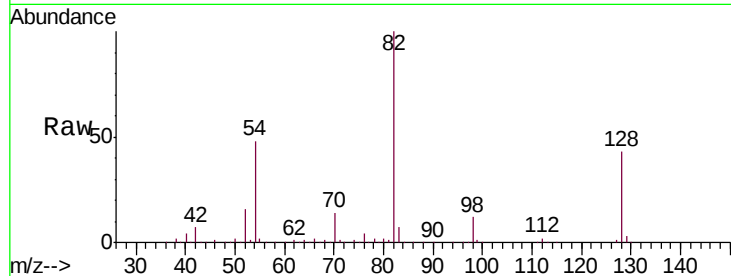
Tgt Ion: 82 Resp: 744288

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

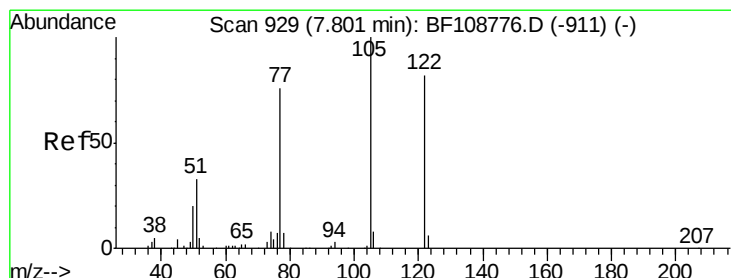
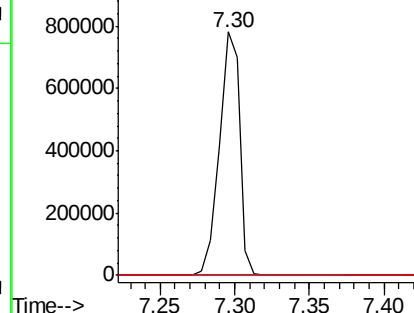
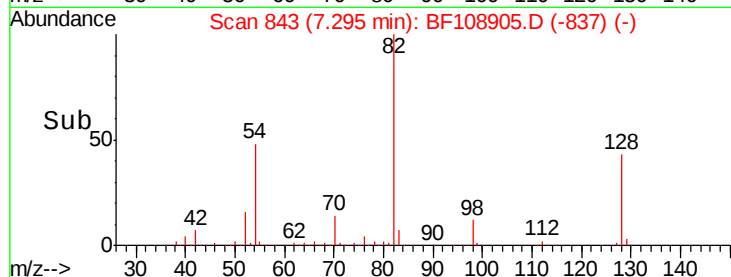
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 4.065 ng

RT: 7.68 min Scan# 908

Delta R.T. -0.12 min

Lab File: BF108905.D

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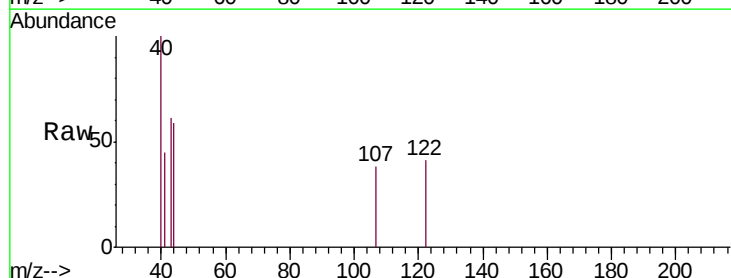
Tgt Ion: 122 Resp: 241

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

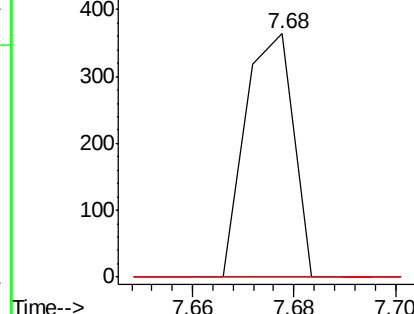
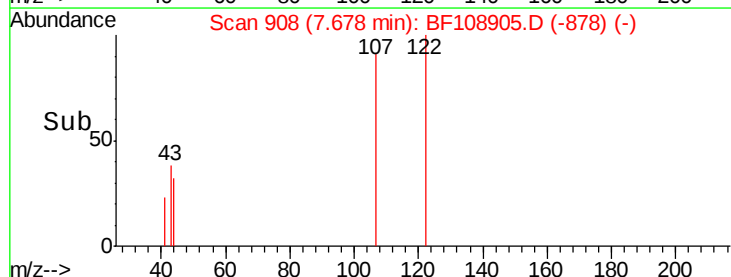
77 0.0 70.7 110.7#

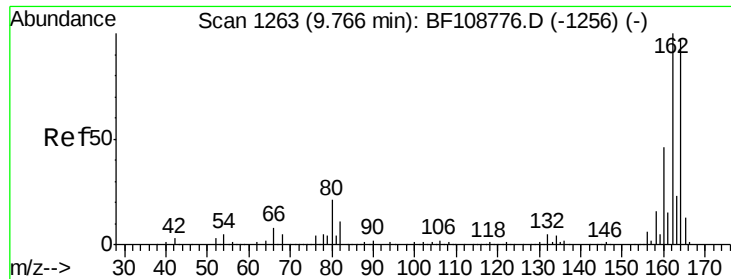


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

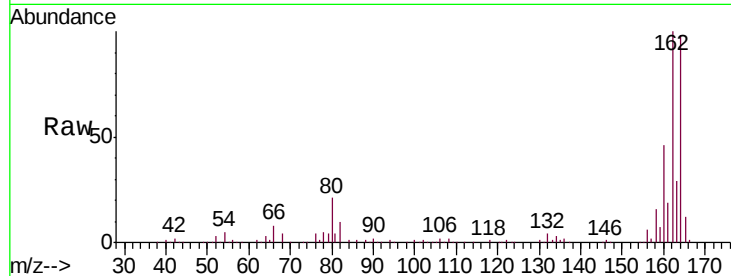




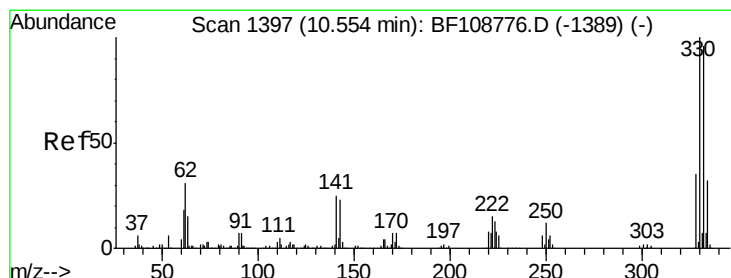
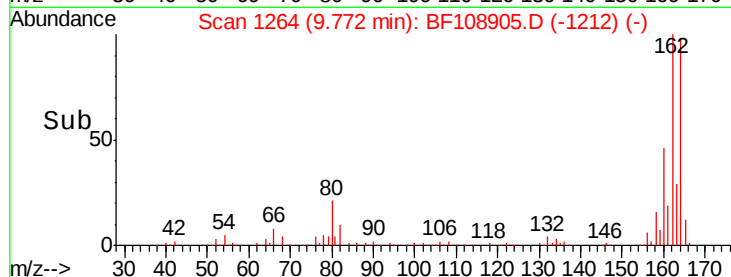
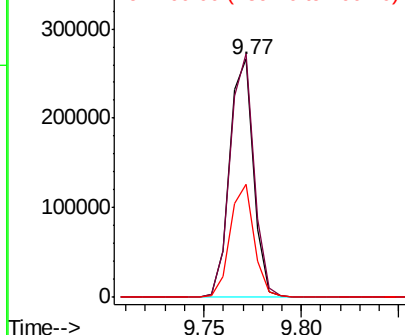
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Instrument :
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 ClientSampleId :
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Tgt Ion:164 Resp: 225863
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 47.2 38.3 57.5

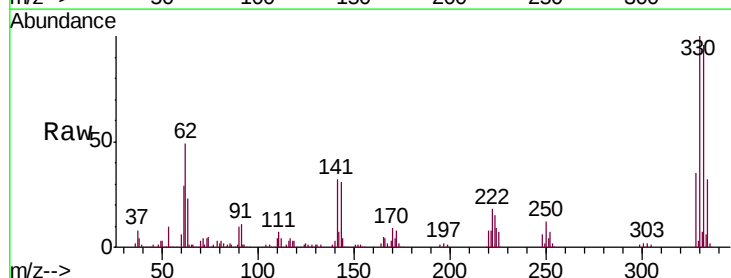


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

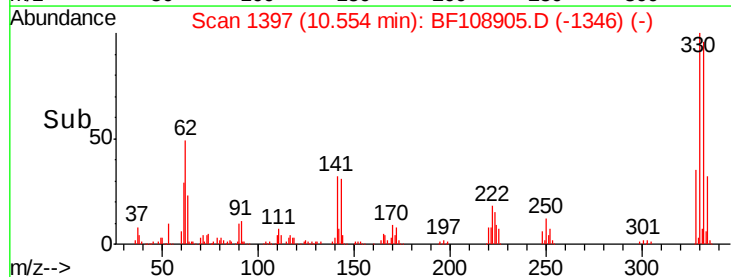
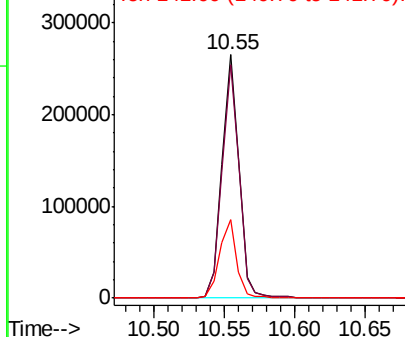


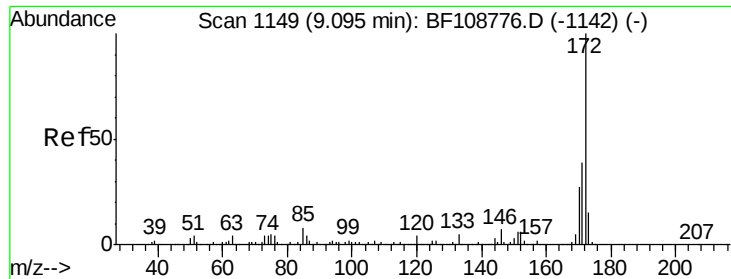
#41
 2,4,6-Tribromophenol
 Concen: 104.526 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Tgt Ion:330 Resp: 225379
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.1 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

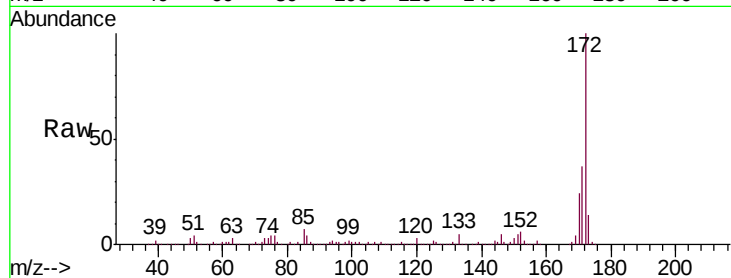




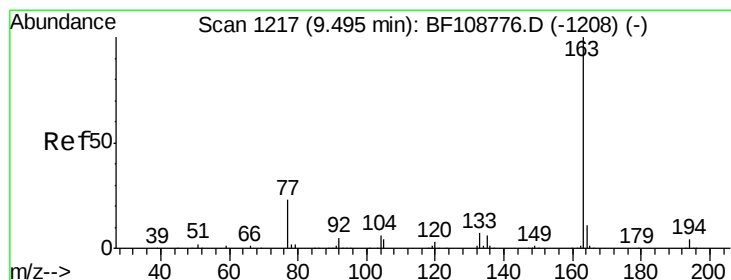
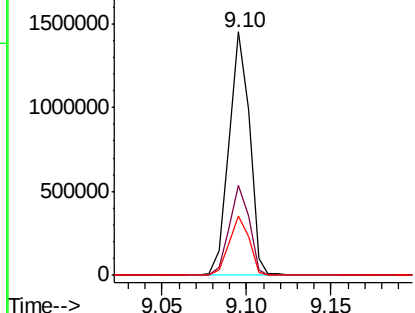
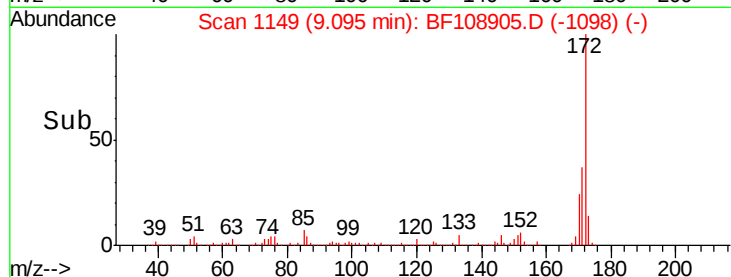
#44
 2-Fluorobiphenyl
 Concen: 92.656 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 1226720
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.2 19.6 29.4

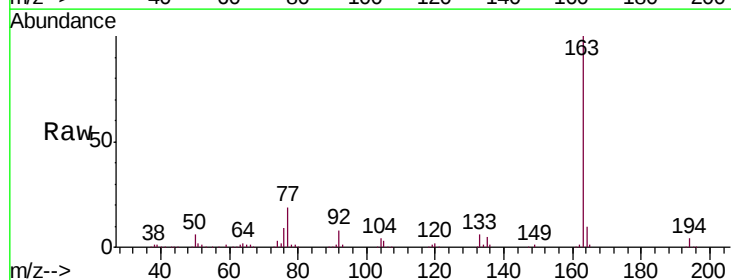


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

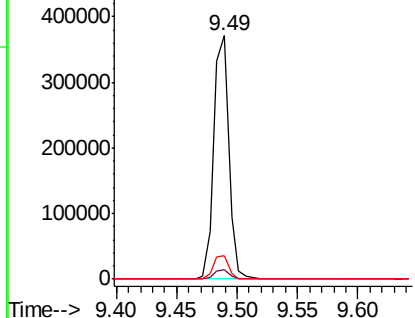
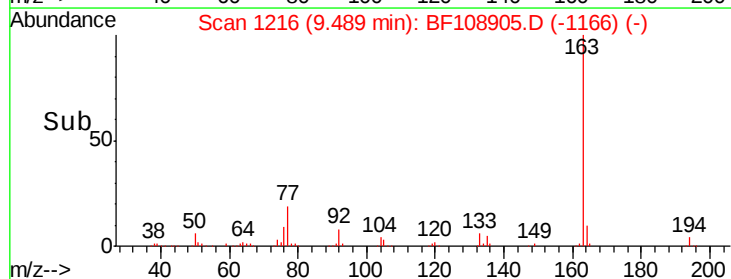


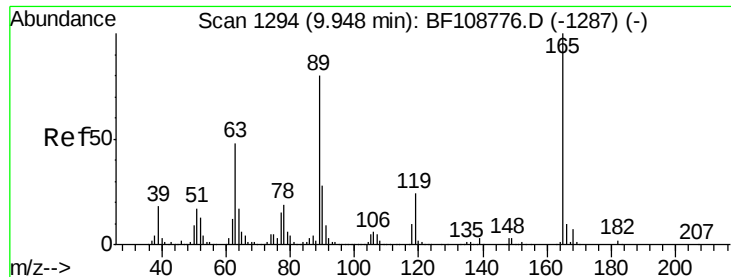
#49
 Dimethylphthalate
 Concen: 20.138 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Tgt Ion:163 Resp: 318126
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 500000 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

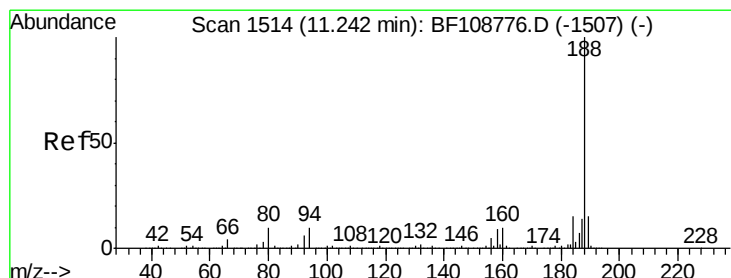
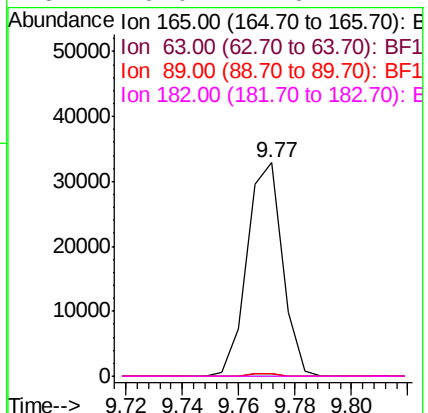
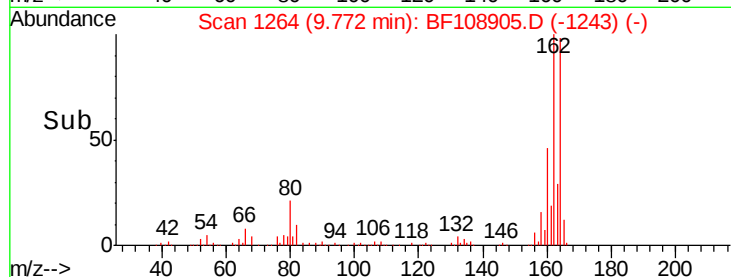
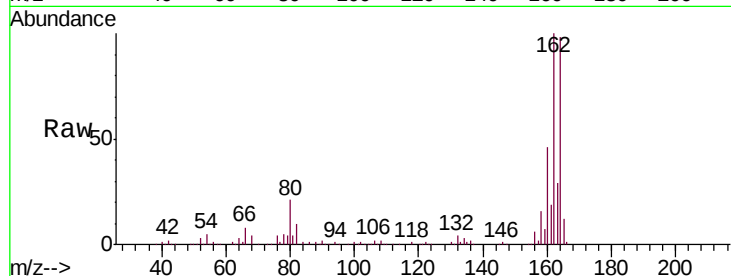




#56
 2,4-Dinitrotoluene
 Concen: 7.437 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.18 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

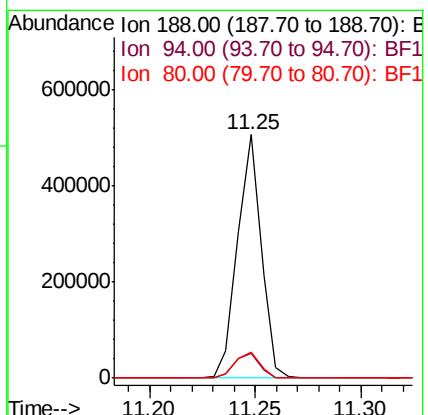
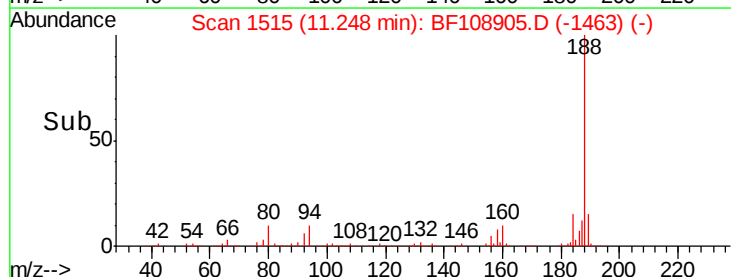
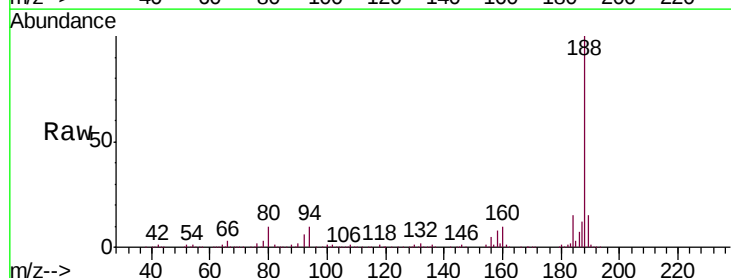
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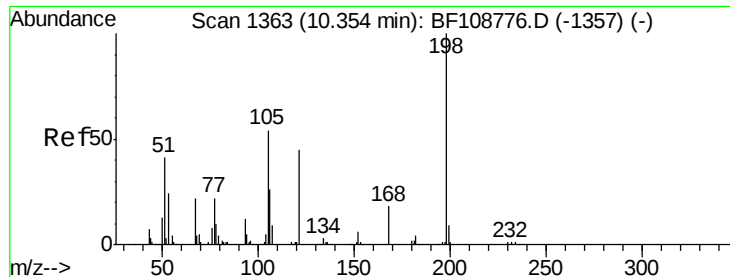
Tgt Ion:	165	Resp:	28628
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Tgt Ion:	188	Resp:	394283
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

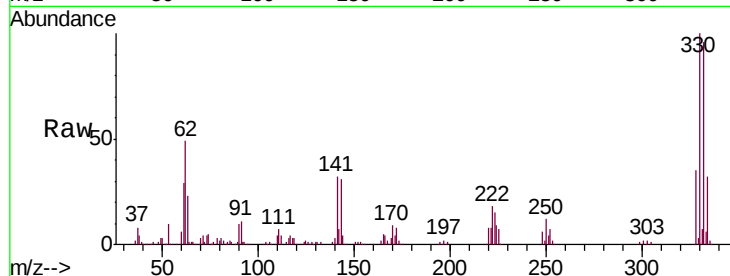




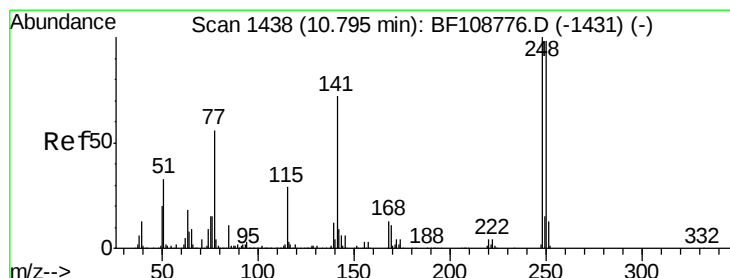
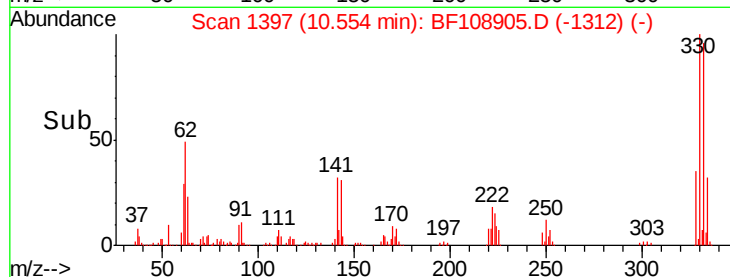
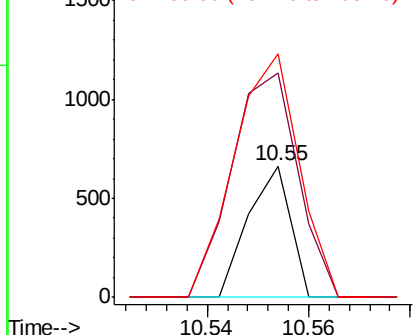
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.080 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Tgt Ion:198 Resp: 382
 Ion Ratio Lower Upper
 198 100
 51 171.8 37.7 77.7#
 105 186.0 36.3 76.3#

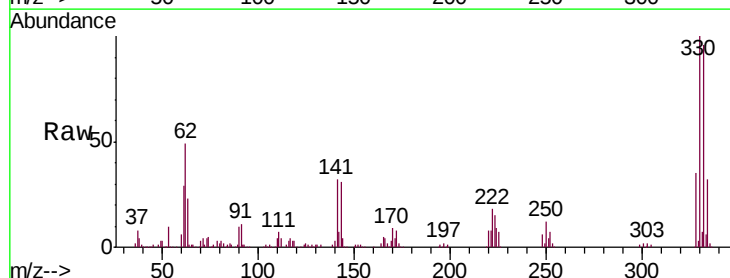


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

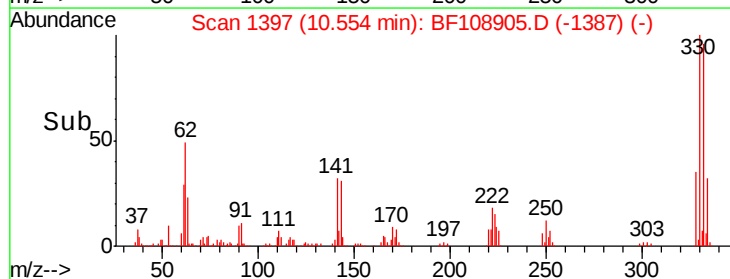
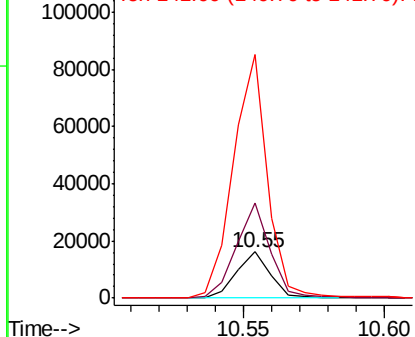


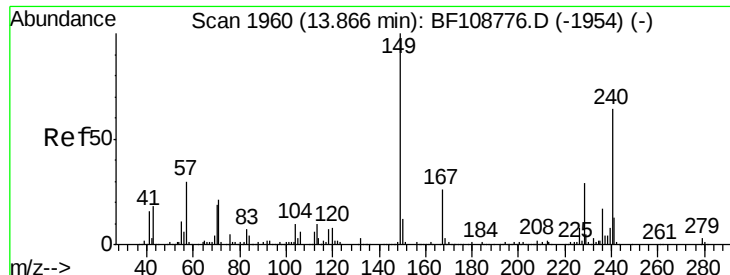
#66
 4-Bromophenyl-phenylether
 Concen: 3.025 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108905.D
 Acq: 10 Sep 2018 20:44

Tgt Ion:248 Resp: 13473
 Ion Ratio Lower Upper
 248 100
 250 205.7 76.9 115.3#
 141 529.0 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: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108905.D

Acq: 10 Sep 2018 20:44

Instrument :

BNA_F

ClientSampleId :

C-1

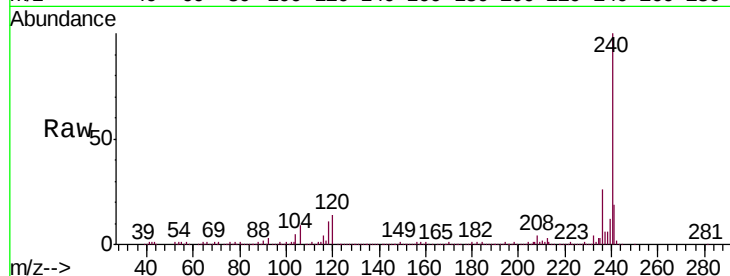
Tgt Ion:240 Resp: 452710

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

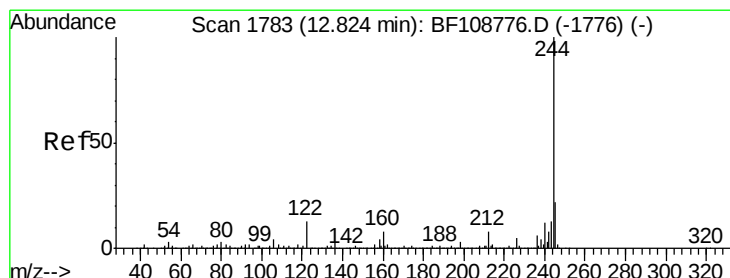
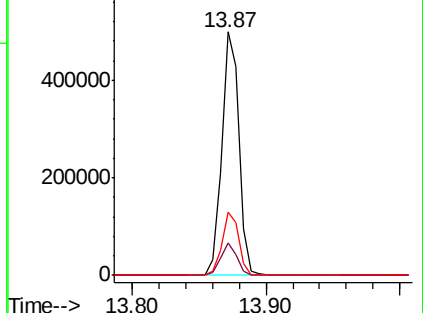
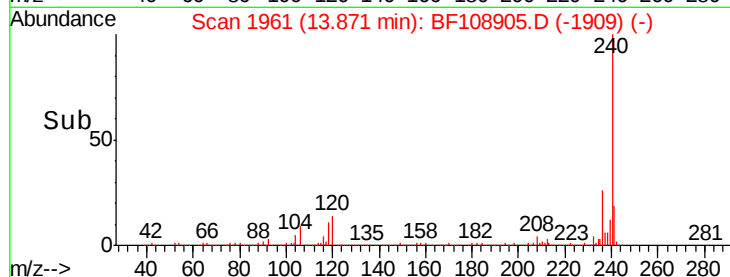
236 26.1 20.7 31.1



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: 59.434 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108905.D

Acq: 10 Sep 2018 20:44

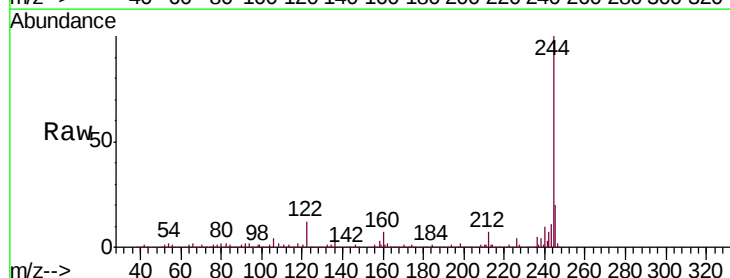
Tgt Ion:244 Resp: 1153839

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

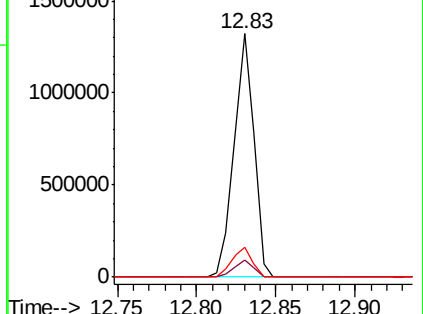
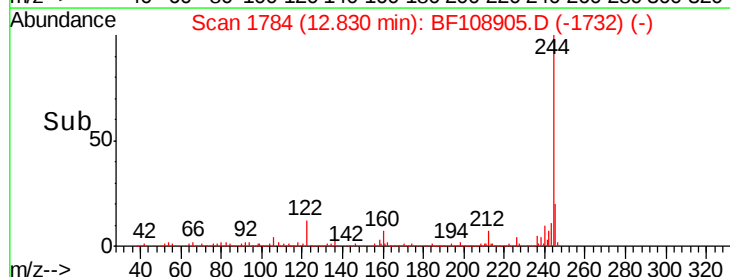
122 12.4 11.0 16.4

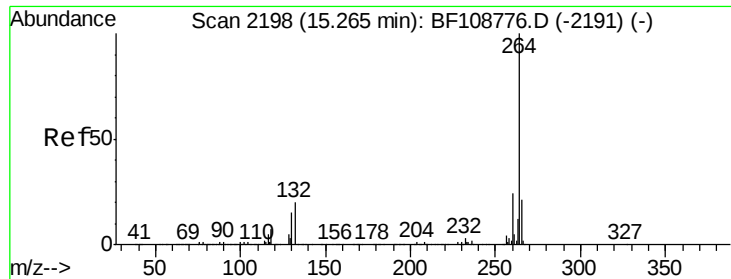


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



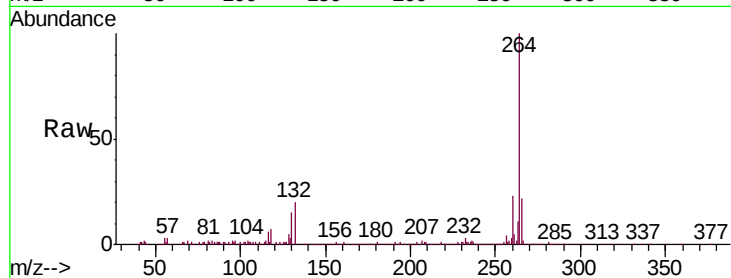


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108905.D
Acq: 10 Sep 2018 20:44

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion: 264 Resp: 336873

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	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

