

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107921.D
 Acq On : 2 Aug 2018 20:39
 Operator : JU/SJ
 Sample : J4285-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Quant Time: Aug 03 00:56:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

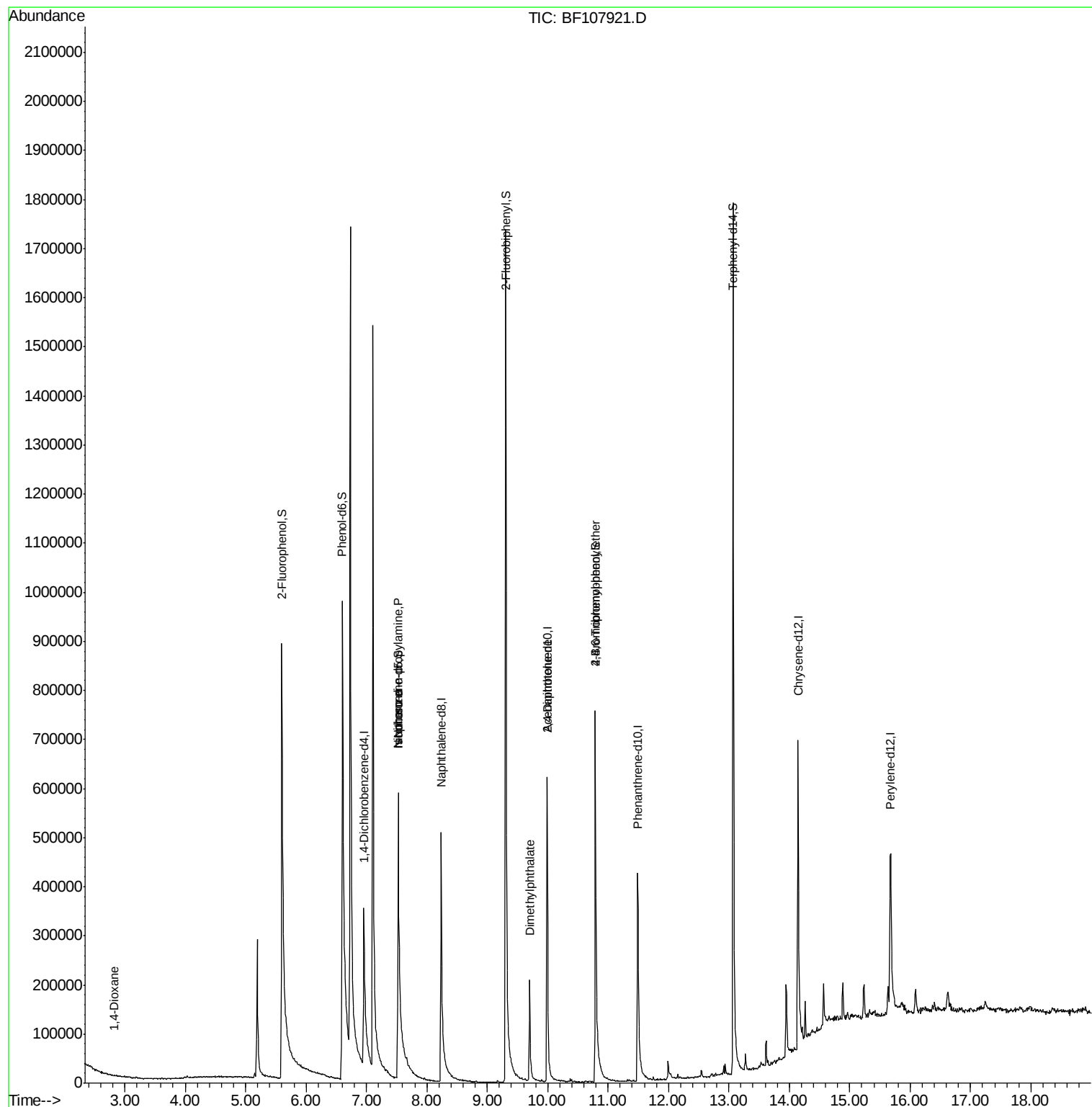
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119550	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	490760	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	172277	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	310636	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	354162	20.00	ng	-0.01
86) Perylene-d12	15.68	264	272983	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	644116	91.57	ng	0.00
7) Phenol-d6	6.60	99	899591	97.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	515018	60.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	175967	75.17	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	874897	70.77	ng	-0.01
78) Terphenyl-d14	13.07	244	808037	49.47	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.82	88	111	5.823	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	59442	10.108	ng	# 81
25) Isophorone	7.52	82	515018	36.831	ng	# 64
49) Dimethylphthalate	9.70	163	128432	9.927	ng	100
56) 2,4-Dinitrotoluene	9.99	165	20901	5.656	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	10163	2.807	ng	# 1

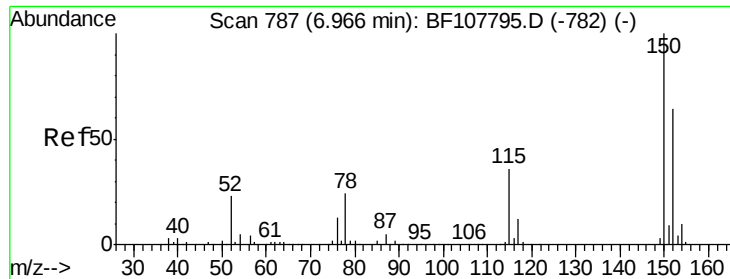
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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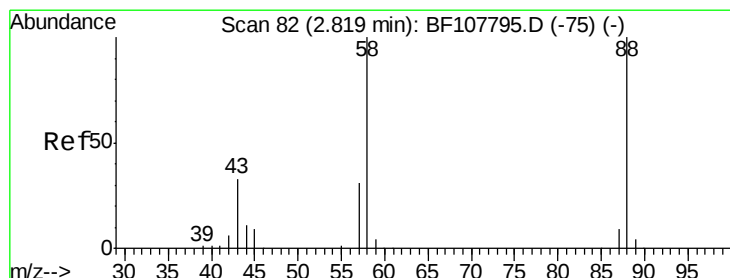
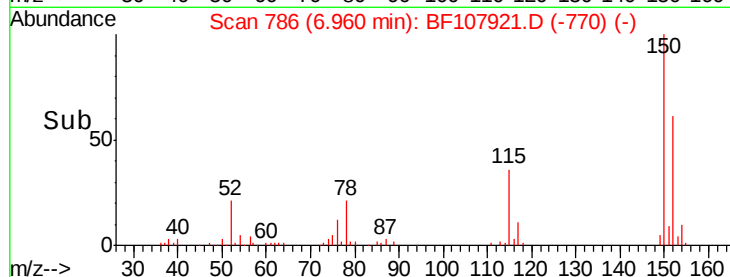
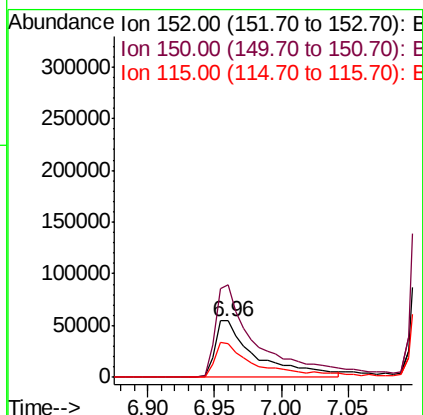
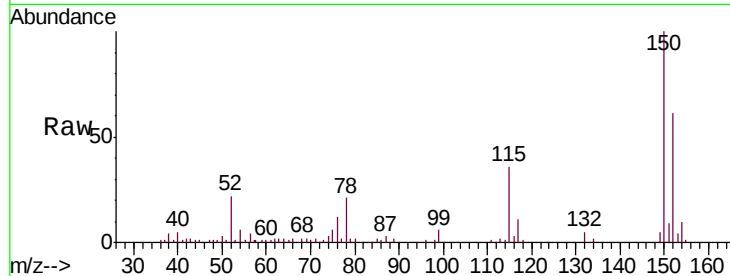


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

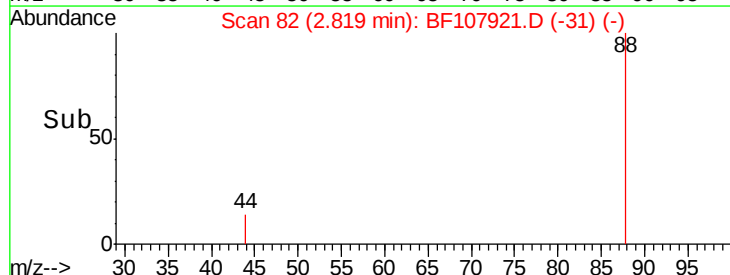
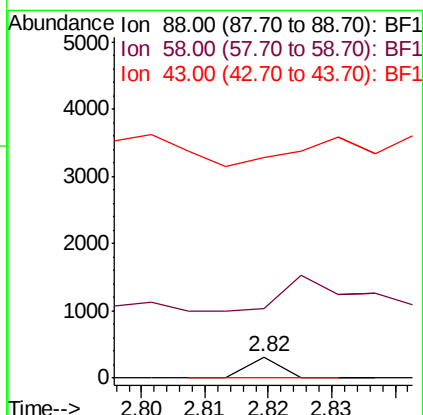
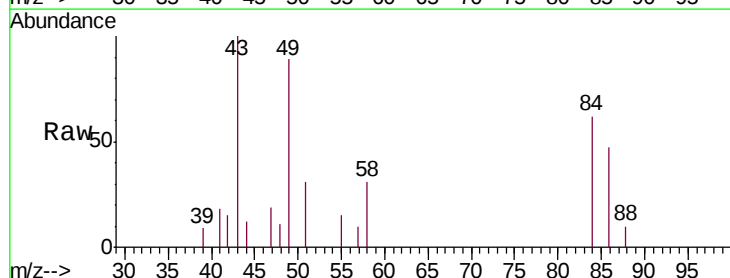
Tgt Ion:152 Resp: 119550
Ion Ratio Lower Upper
152 100
150 163.7 124.6 186.8
115 59.1 50.1 75.1

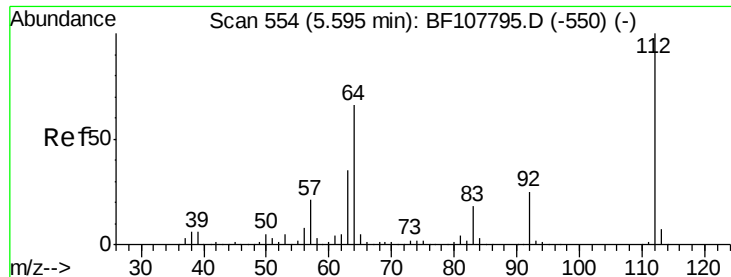


#2

1,4-Dioxane
Concen: 5.823 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 804.5 62.6 93.8#
43 0.0 24.6 37.0#





#5

2-Fluorophenol

Concen: 91.569 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

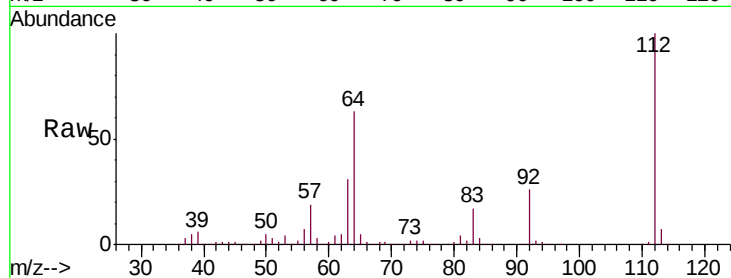
Tgt Ion: 112 Resp: 644116

Ion Ratio Lower Upper

112 100

64 62.9 47.9 71.9

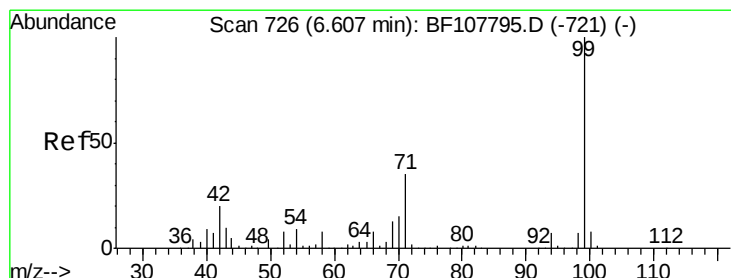
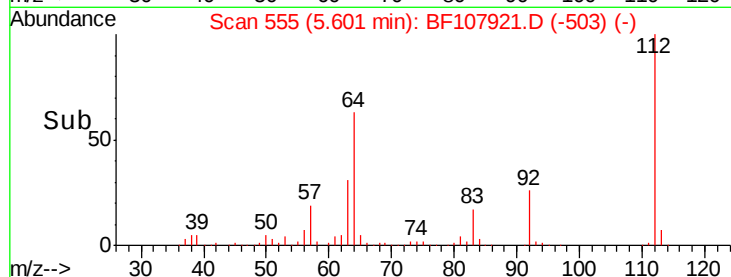
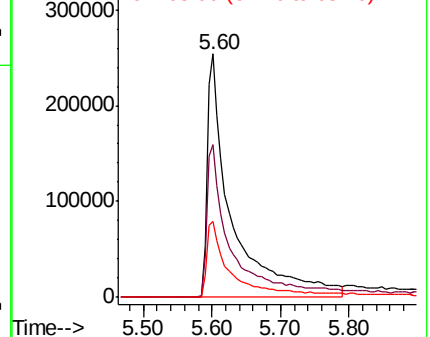
63 31.4 23.7 35.5



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: 97.036 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

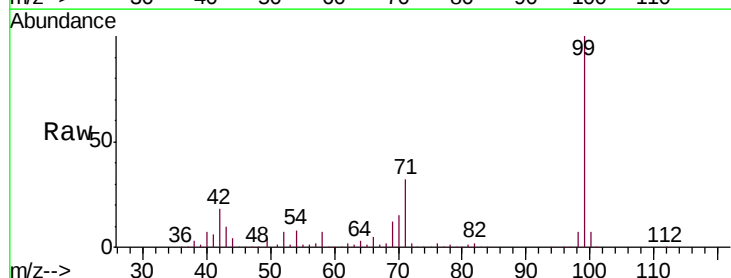
Tgt Ion: 99 Resp: 899591

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

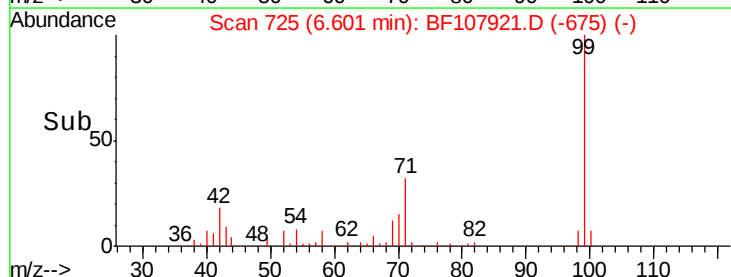
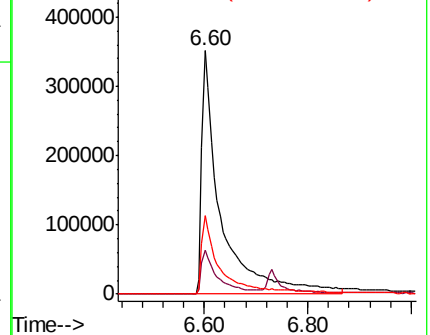
71 32.2 25.4 38.0

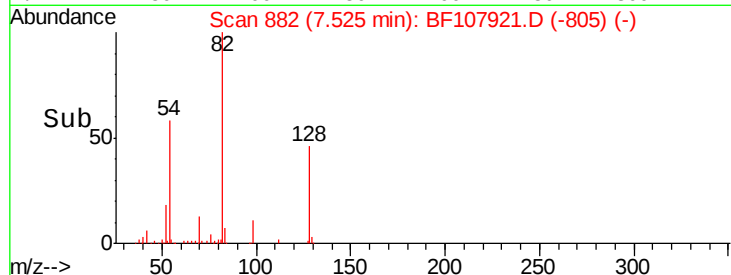
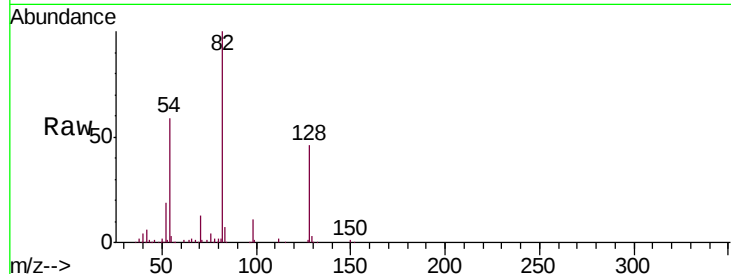
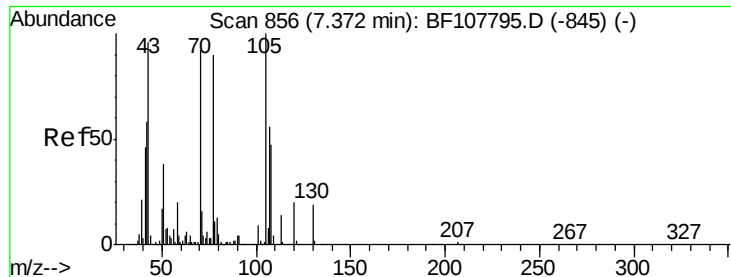


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

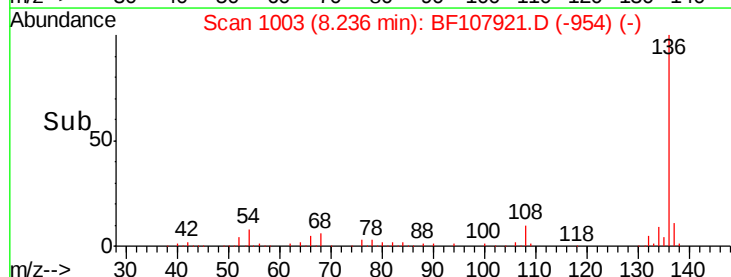
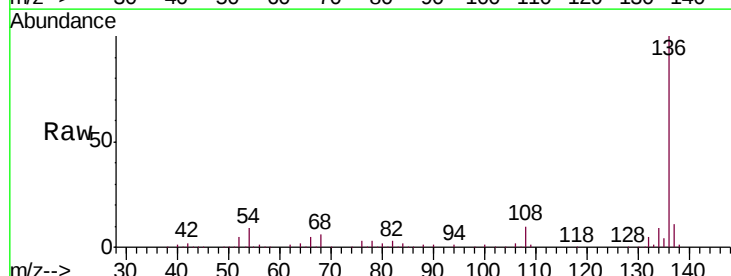
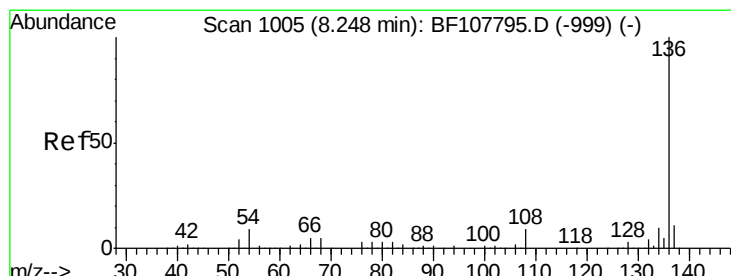
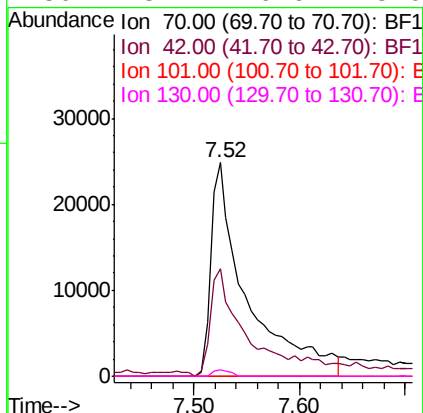




#19
n-Nitroso-di-n-propylamine
Concen: 10.108 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

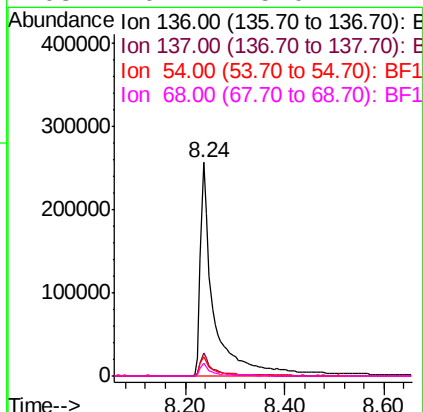
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

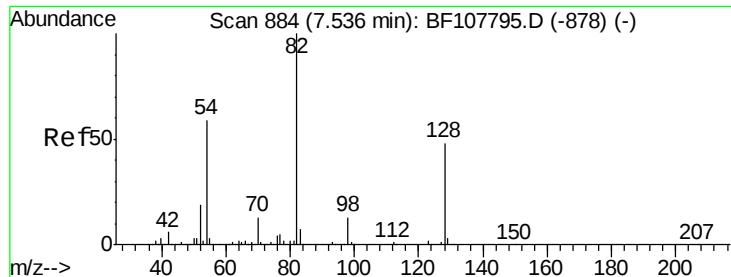
Tgt Ion:	70	Resp:	59442
Ion	Ratio	Lower	Upper
70	100		
42	50.6	47.5	71.3
101	0.0	7.4	11.2#
130	3.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:	136	Resp:	490760
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	6.1	5.0	7.4

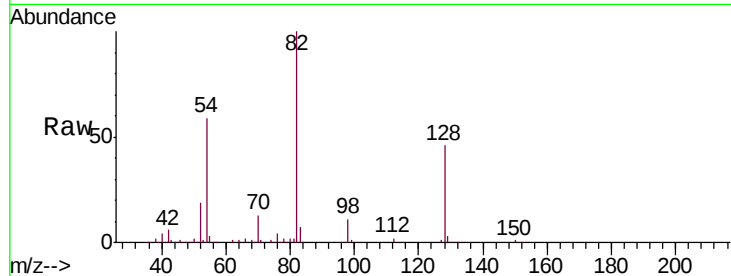




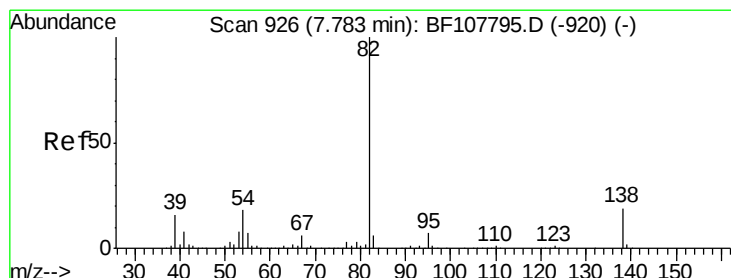
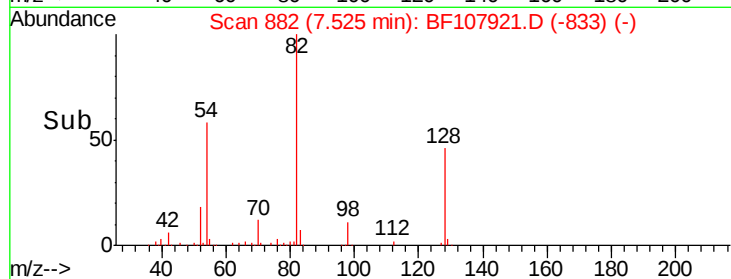
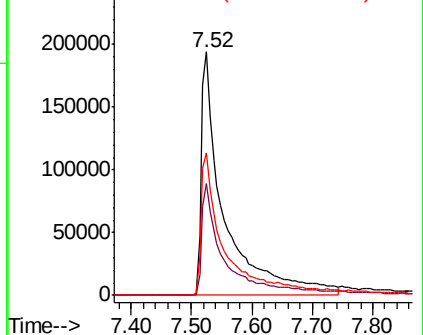
#23
Nitrobenzene-d5
Concen: 60.458 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	58.7	41.4	62.2

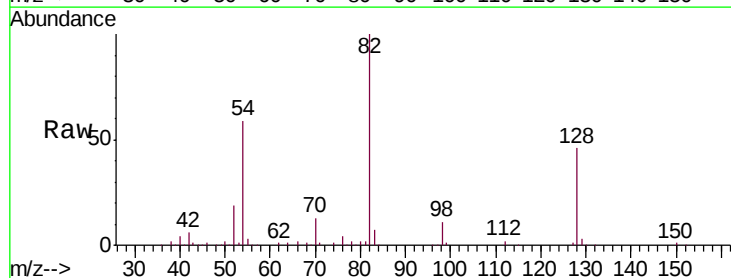


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

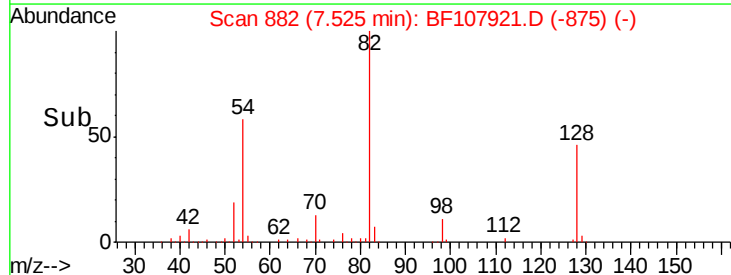
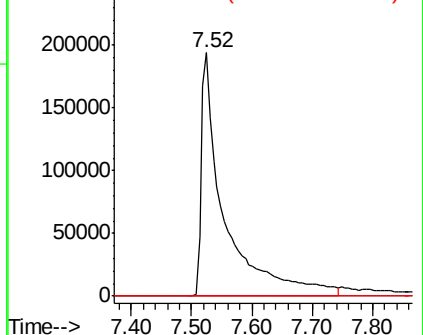


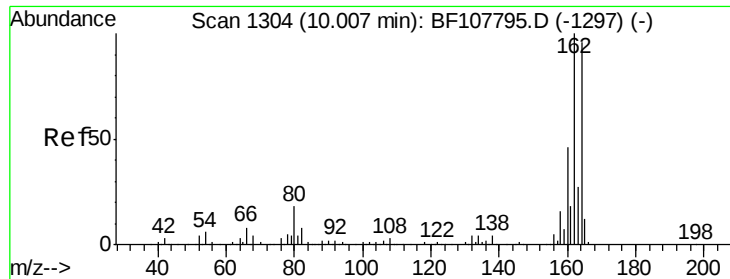
#25
Isophorone
Concen: 36.831 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

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

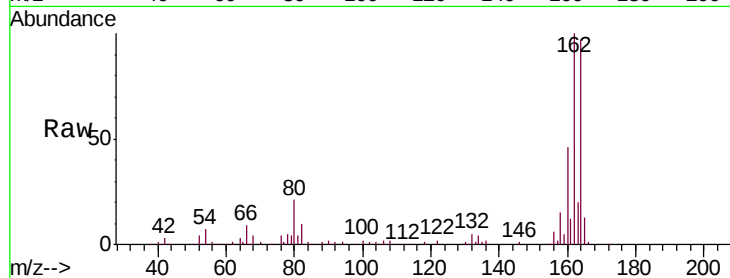




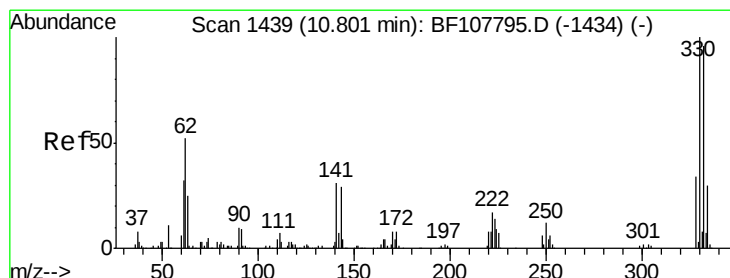
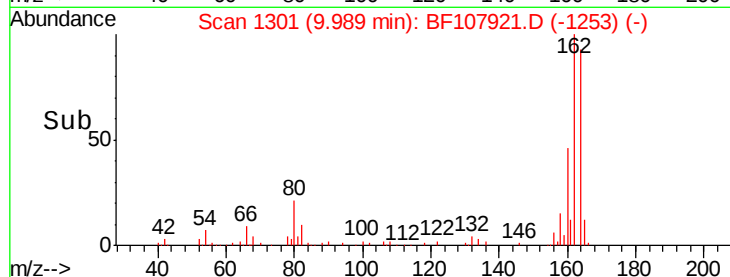
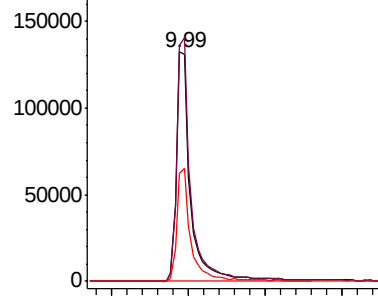
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tgt Ion:164 Resp: 172277
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.1 38.3 57.5

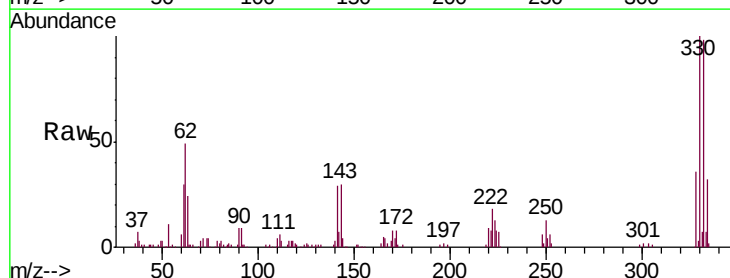


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

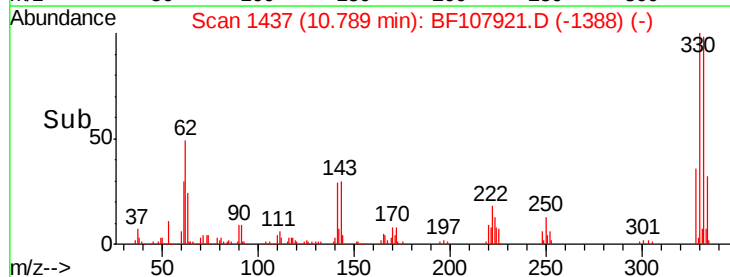
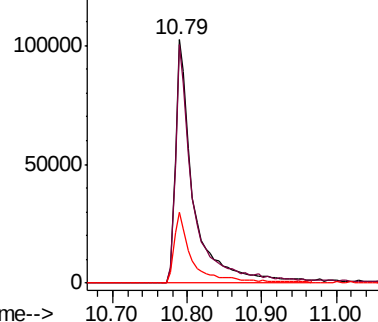


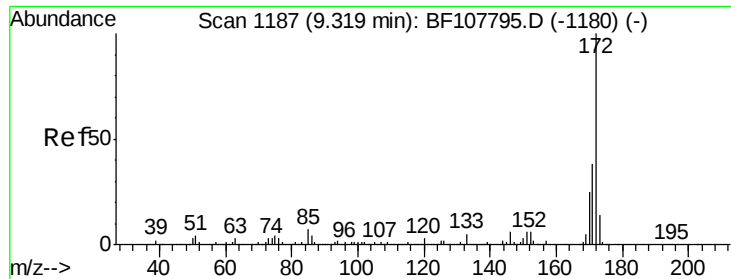
#41
2,4,6-Tribromophenol
Concen: 75.171 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:330 Resp: 175967
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 28.9 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

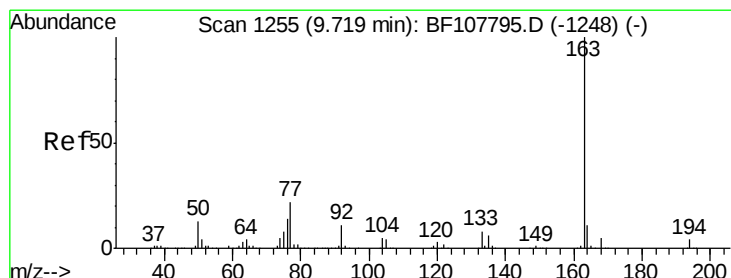
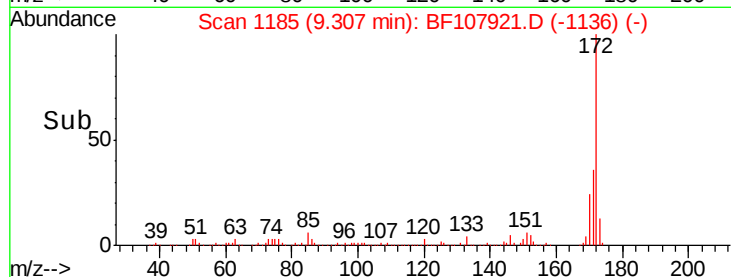
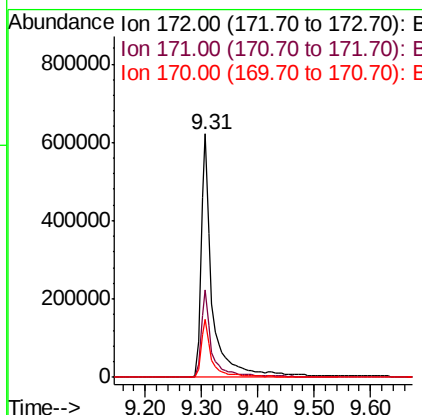
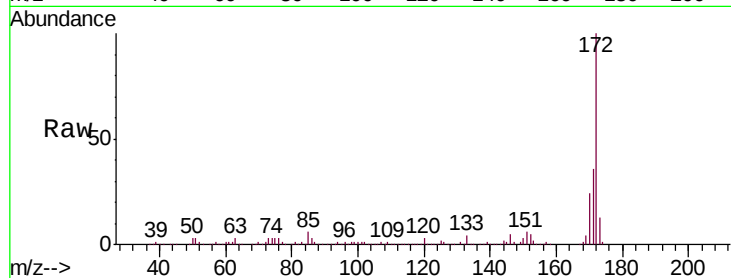




#44
2-Fluorobiphenyl
Concen: 70.767 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

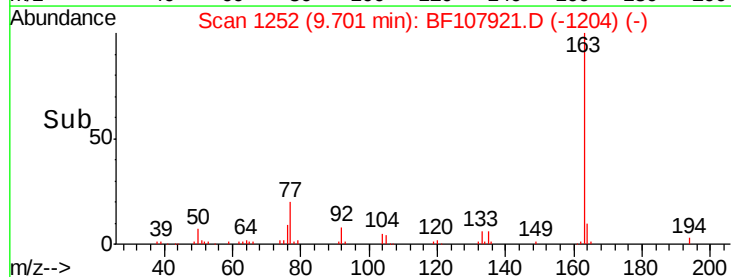
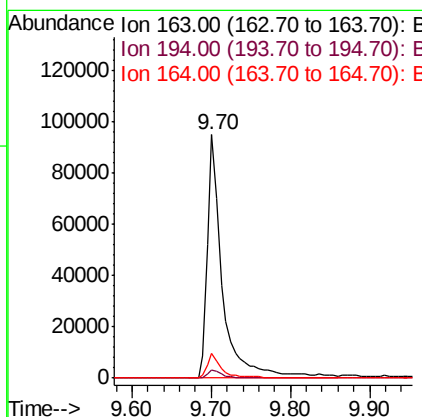
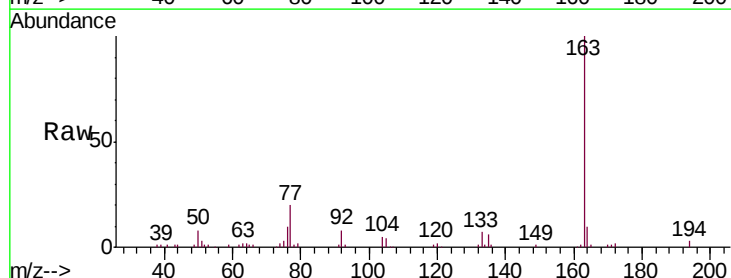
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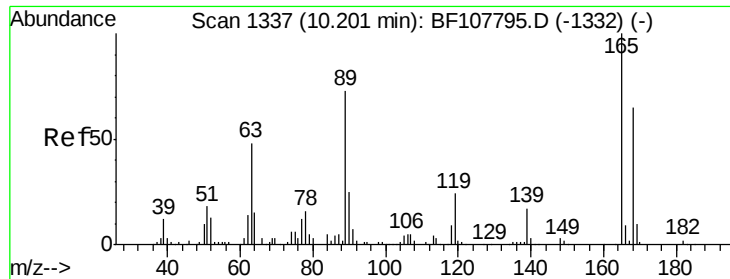
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4



#49
Dimethylphthalate
Concen: 9.927 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

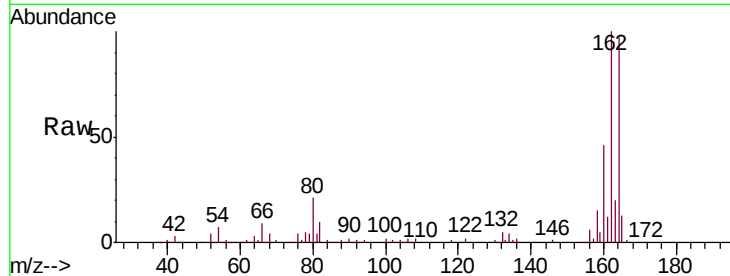




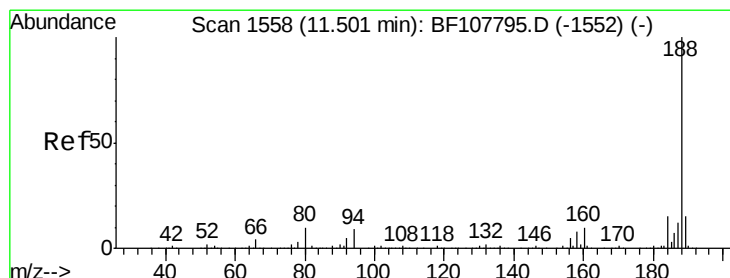
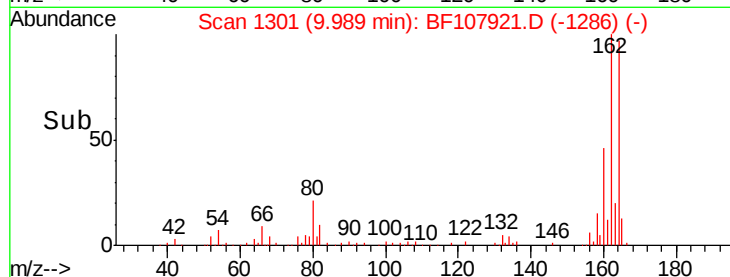
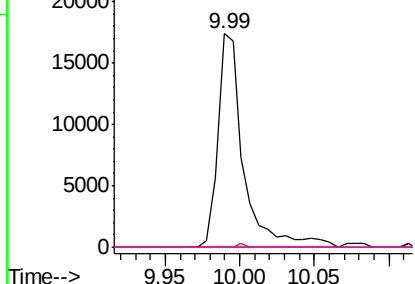
#56
2,4-Dinitrotoluene
Concen: 5.656 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampled :
KG-PIT-2

Tgt Ion:	165	Resp:	20901
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

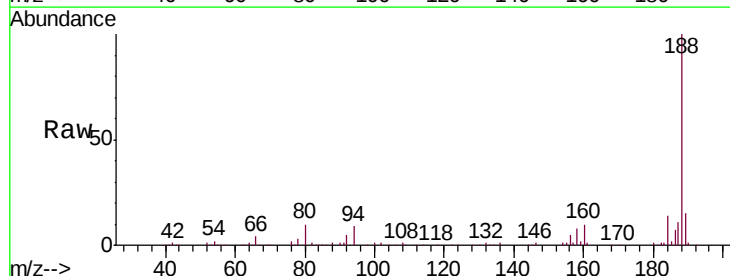


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

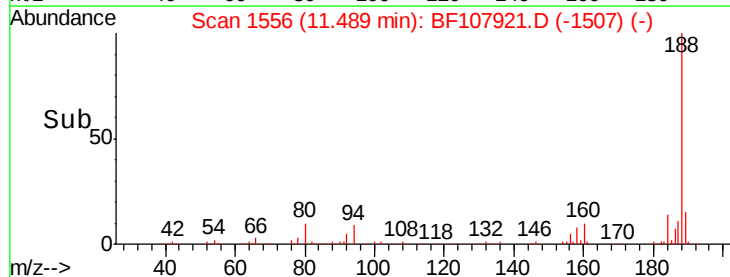
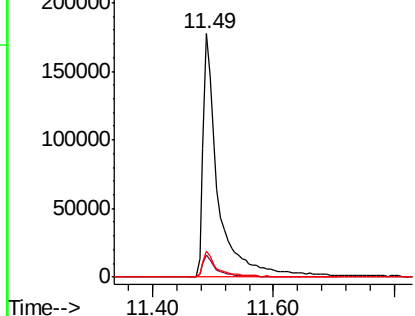


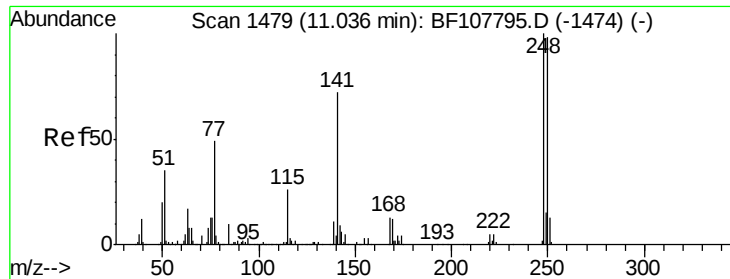
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:	188	Resp:	310636
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.4	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

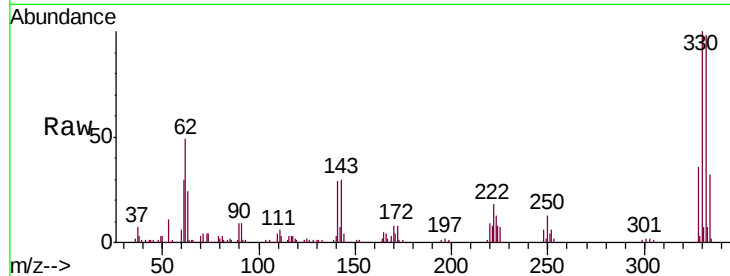




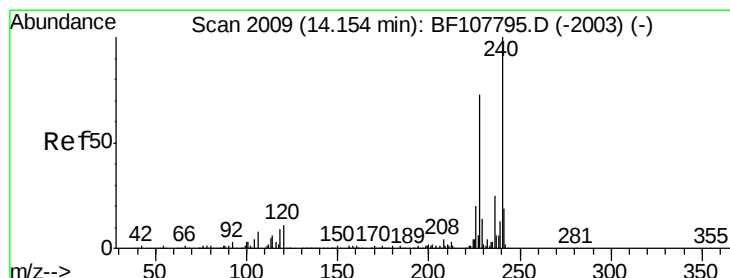
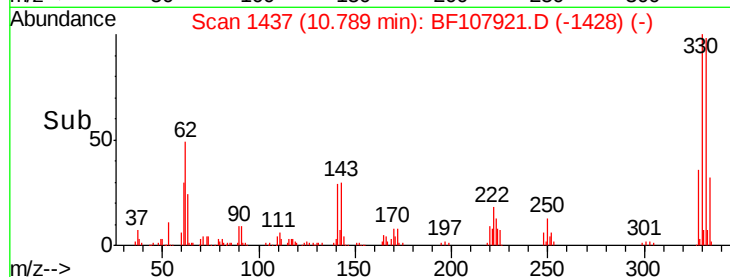
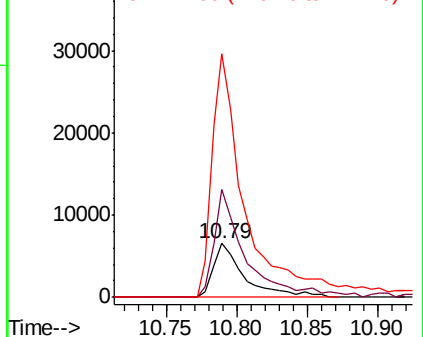
#66
4-Bromophenyl-phenylether
Concen: 2.807 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

Tgt Ion:248 Resp: 10163
Ion Ratio Lower Upper
248 100
250 200.8 76.9 115.3#
141 451.7 74.4 111.6#

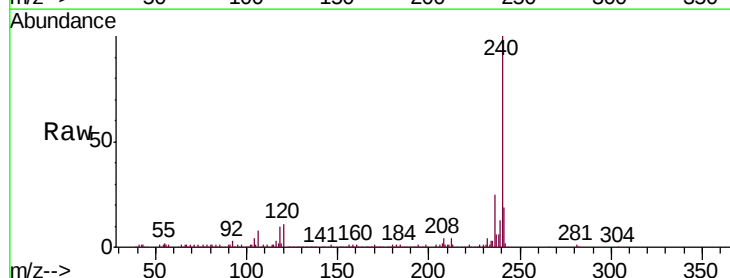


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

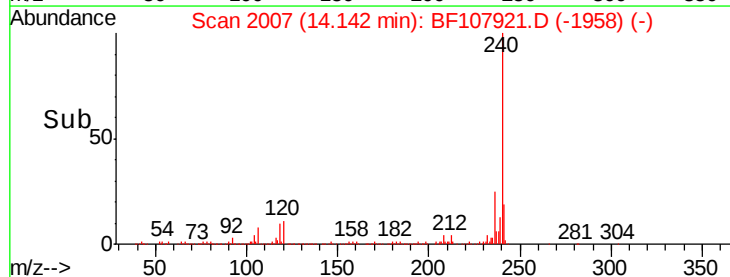
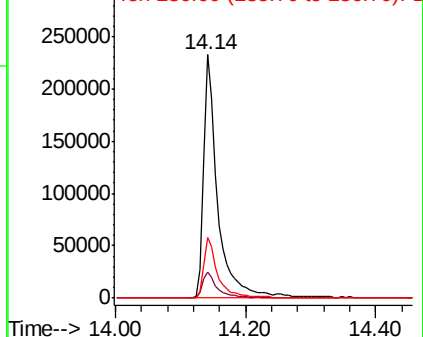


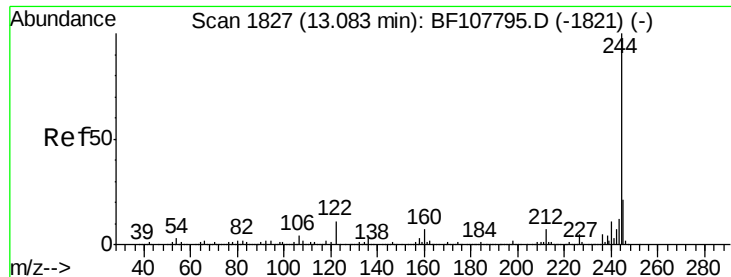
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107921.D
Acq: 2 Aug 2018 20:39

Tgt Ion:240 Resp: 354162
Ion Ratio Lower Upper
240 100
120 10.7 9.5 14.3
236 25.0 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: 49.474 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

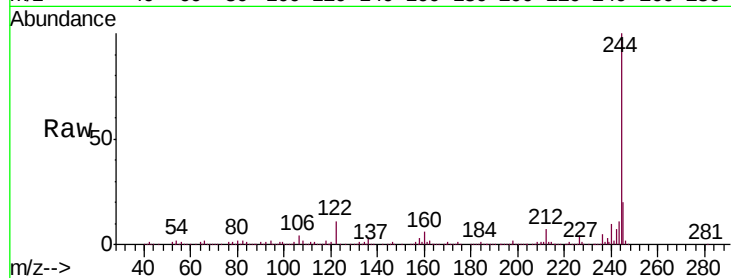
Tgt Ion:244 Resp: 808037

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

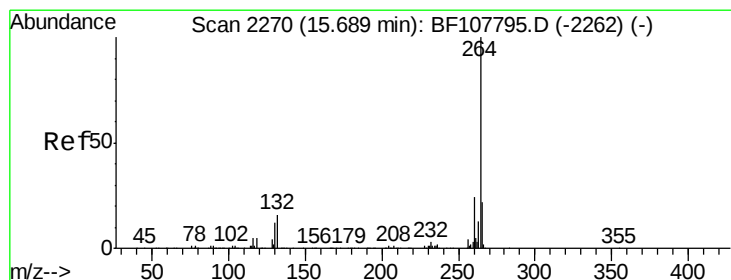
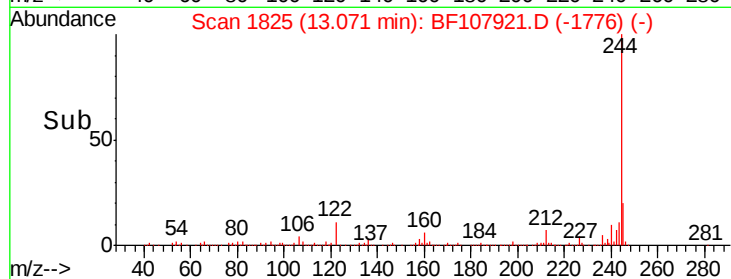
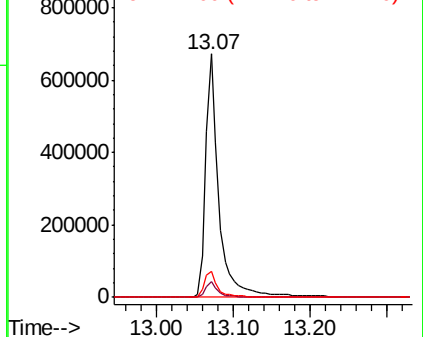
122 10.9 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107921.D

Acq: 2 Aug 2018 20:39

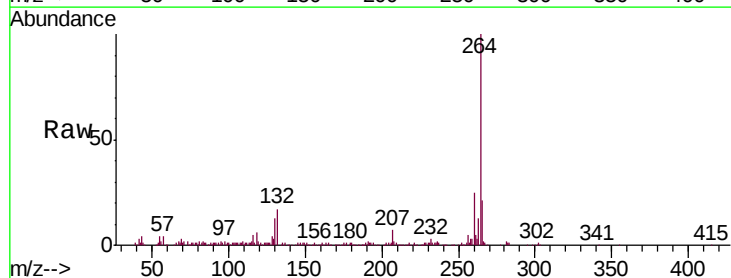
Tgt Ion:264 Resp: 272983

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 20.8 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

