

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107939.D
 Acq On : 3 Aug 2018 15:57
 Operator : JU/SJ
 Sample : J4285-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Quant Time: Aug 03 17:14:49 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

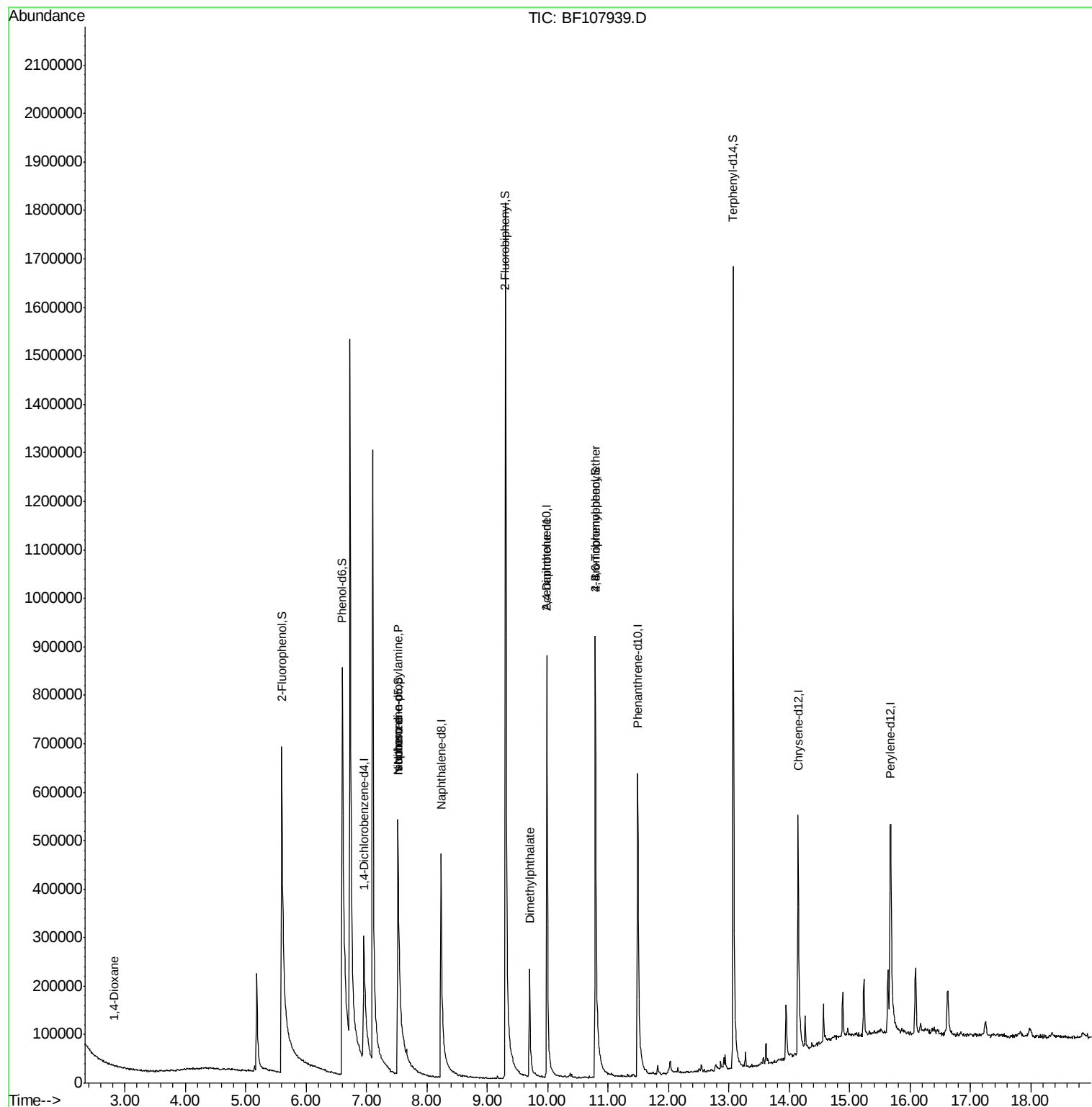
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	115211	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	530026	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	234394	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	447953	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	319971	20.00	ng	-0.01
86) Perylene-d12	15.68	264	374767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	616898	91.00	ng	0.00
7) Phenol-d6	6.60	99	910529	101.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	559186	60.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	213455	67.02	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	1031693	61.33	ng	-0.02
78) Terphenyl-d14	13.07	244	837700	56.77	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.83	88	268	5.868	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	59402	10.481	ng	# 82
25) Isophorone	7.52	82	559186	37.027	ng	# 64
49) Dimethylphthalate	9.70	163	158909	9.027	ng	# 98
56) 2,4-Dinitrotoluene	9.99	165	29667	5.900	ng	# 23
66) 4-Bromophenyl-phenylether	10.79	248	12291	2.354	ng	# 1

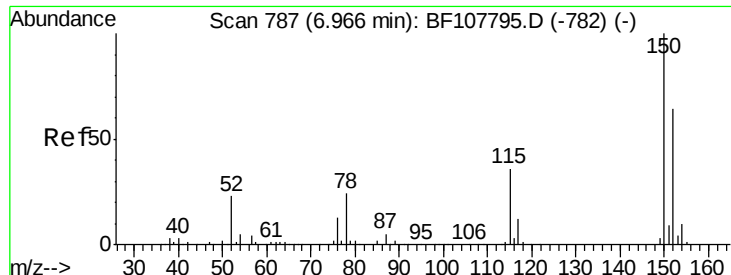
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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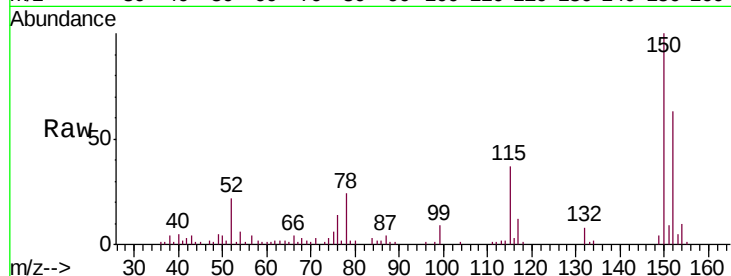




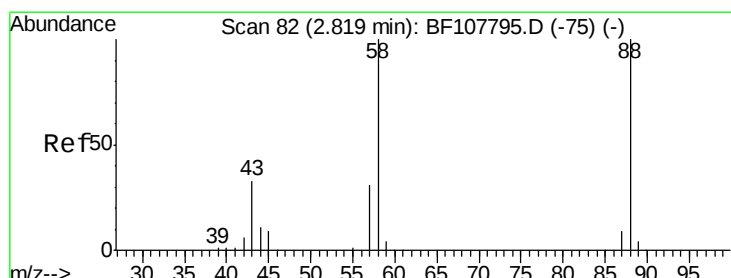
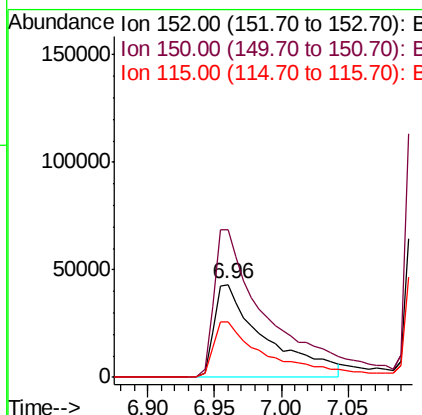
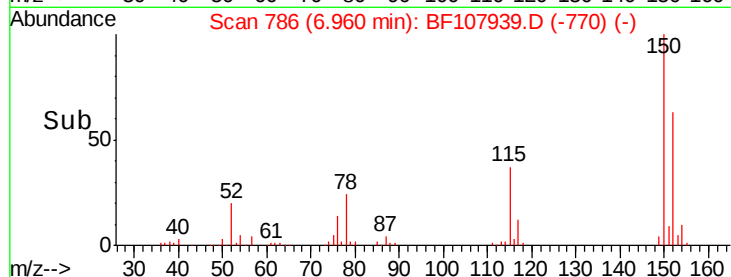
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Tgt Ion:152 Resp: 115211
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.6 186.8
 115 59.0 50.1 75.1

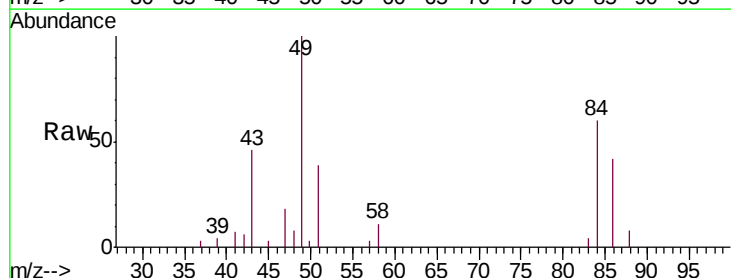


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

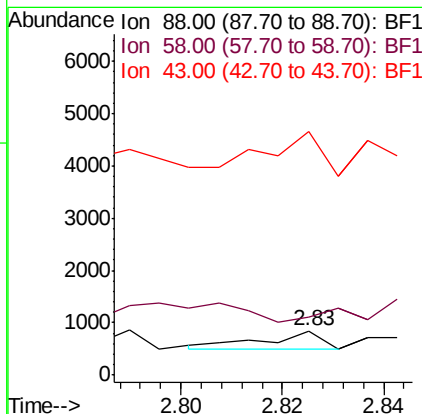
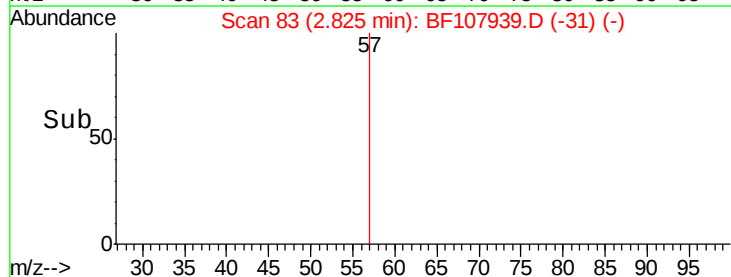


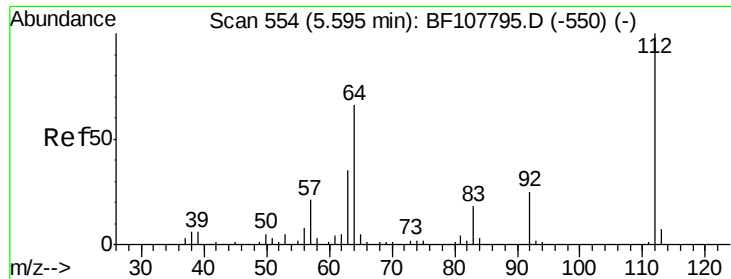
#2
 1,4-Dioxane
 Concen: 5.868 ng
 RT: 2.83 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

Tgt Ion: 88 Resp: 268
 Ion Ratio Lower Upper
 88 100
 58 323.1 62.6 93.8#
 43 235.4 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 91.002 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF107939.D

Acq: 3 Aug 2018 15:57

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

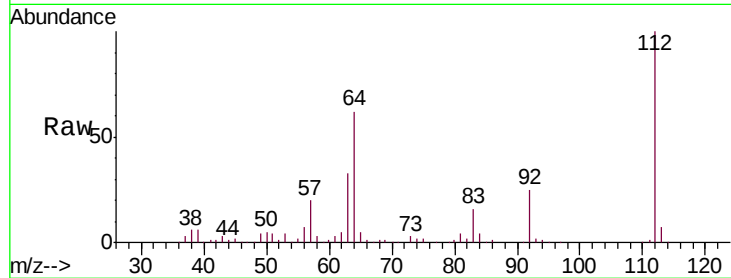
Tgt Ion:112 Resp: 616898

Ion Ratio Lower Upper

112 100

64 61.8 47.9 71.9

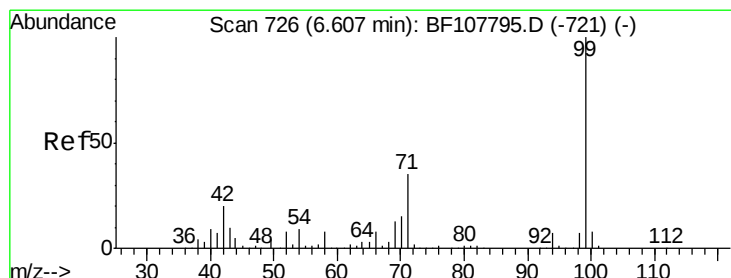
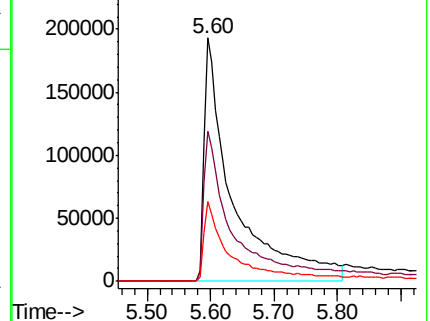
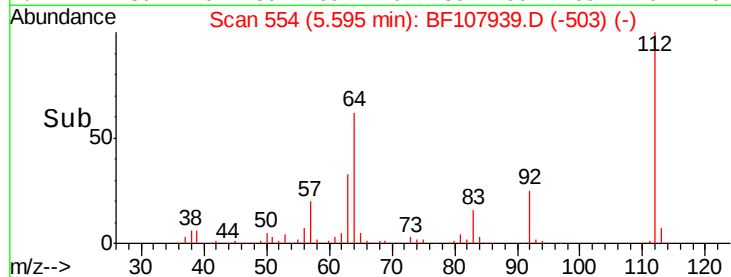
63 32.7 23.7 35.5



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: 101.915 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107939.D

Acq: 3 Aug 2018 15:57

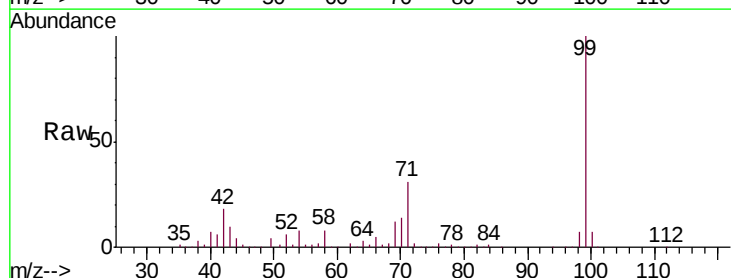
Tgt Ion: 99 Resp: 910529

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

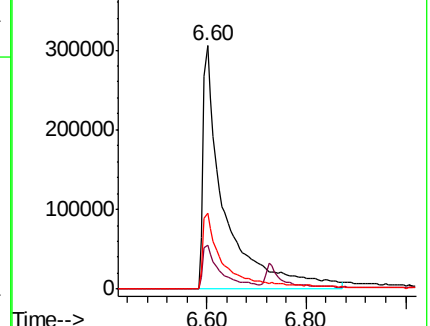
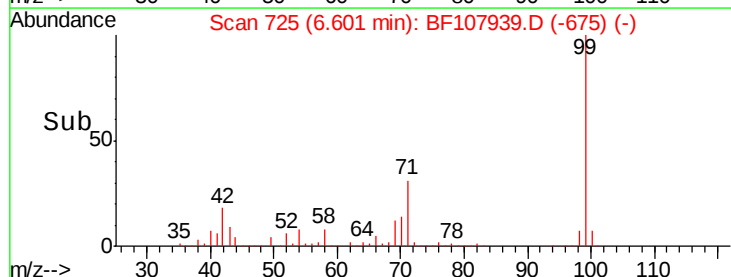
71 31.5 25.4 38.0

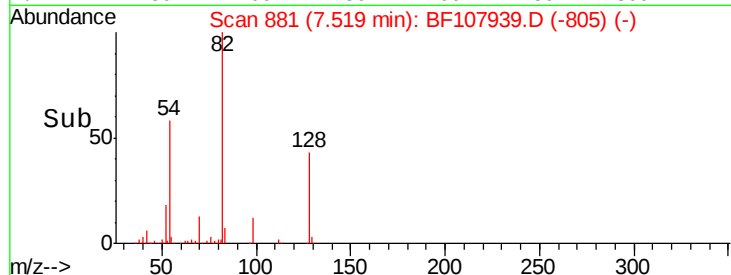
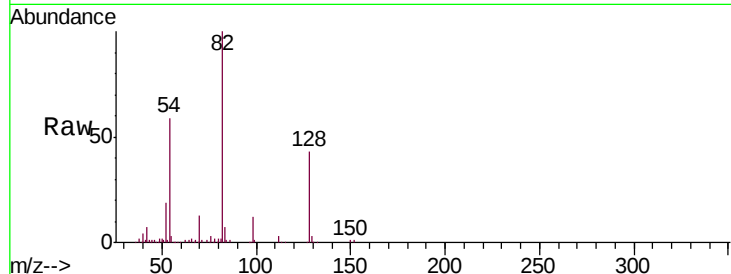
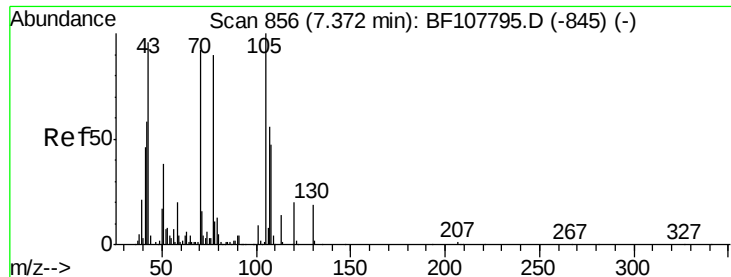


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

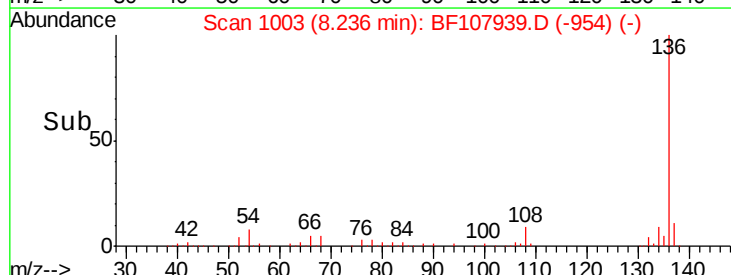
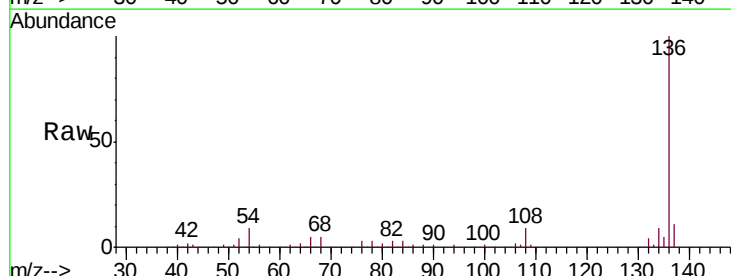
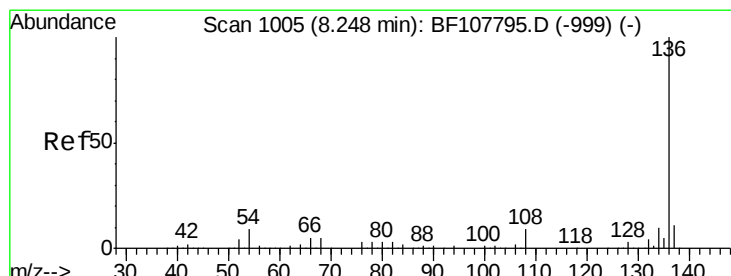
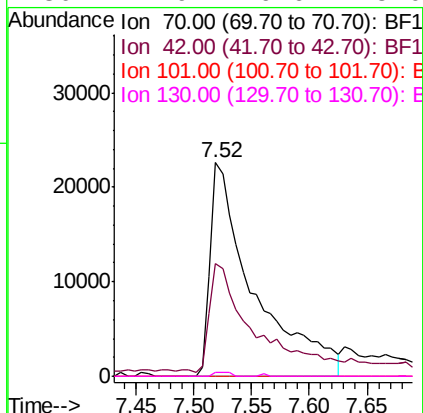




#19
n-Nitroso-di-n-propylamine
Concen: 10.481 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.15 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

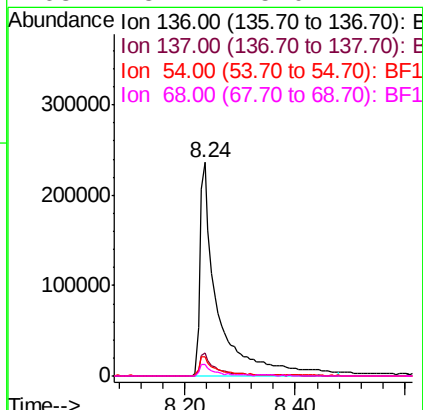
Instrument :
BNA_F
ClientSampleId :
KG-PIT-2

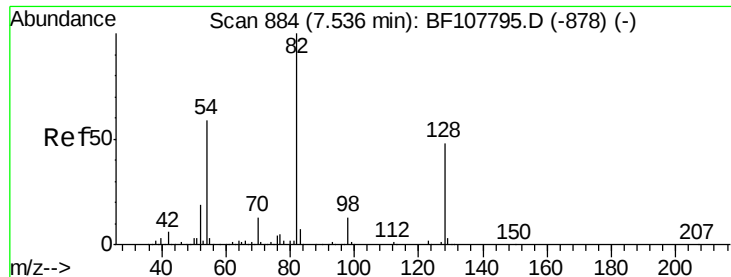
Tgt Ion: 70 Resp: 59402
Ion Ratio Lower Upper
70 100
42 52.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

Tgt Ion: 136 Resp: 530026
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 6.6 9.8
68 5.4 5.0 7.4

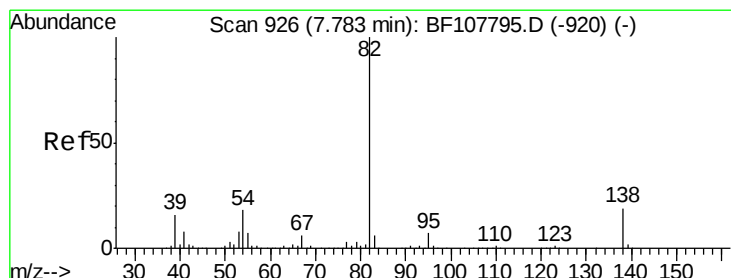
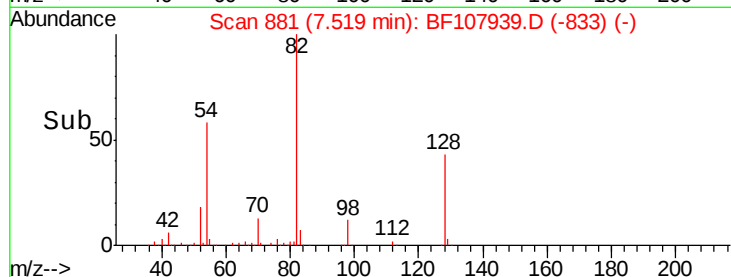
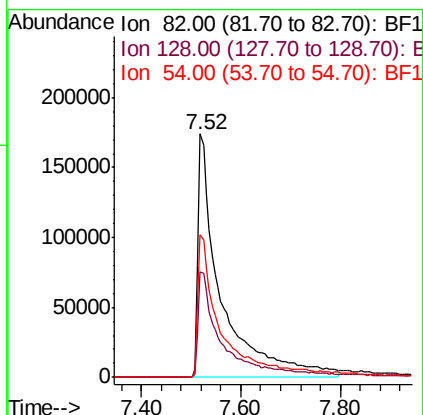
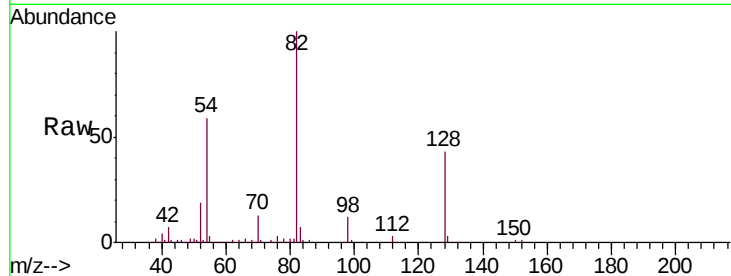




#23
Nitrobenzene-d5
Concen: 60.780 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

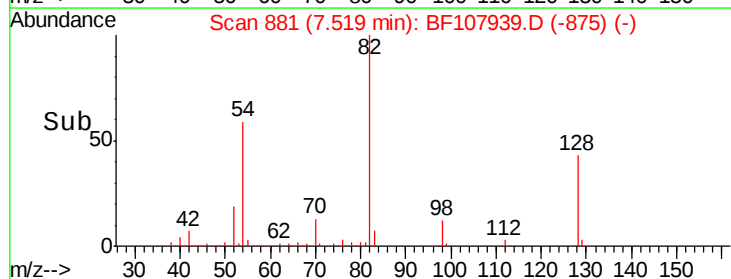
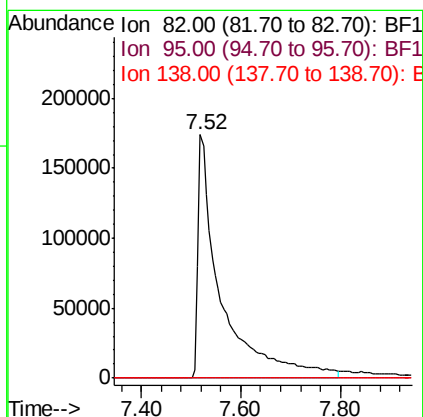
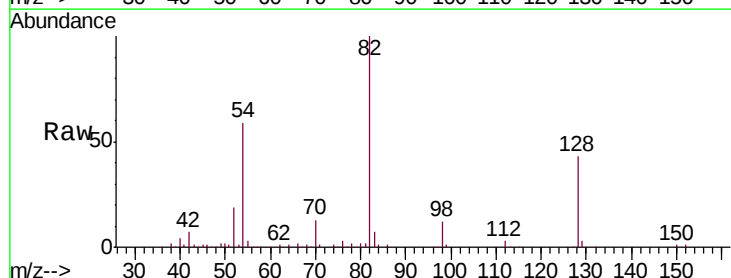
Instrument :
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ClientSampleId :
KG-PIT-2

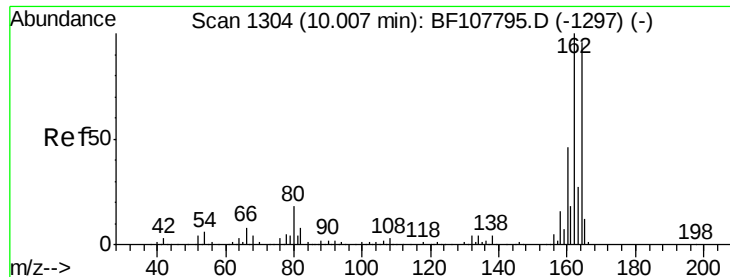
Tgt Ion: 82 Resp: 559186
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 58.6 41.4 62.2



#25
Isophorone
Concen: 37.027 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

Tgt Ion: 82 Resp: 559186
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

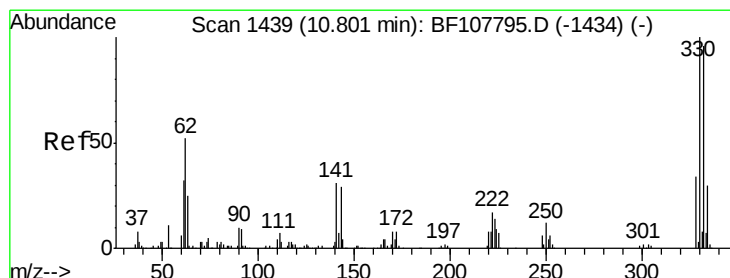
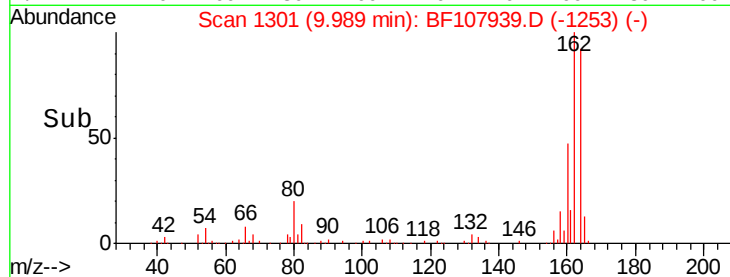
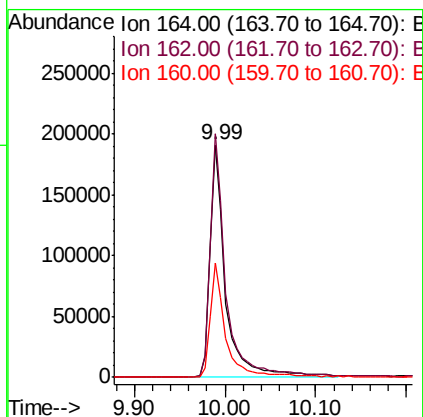
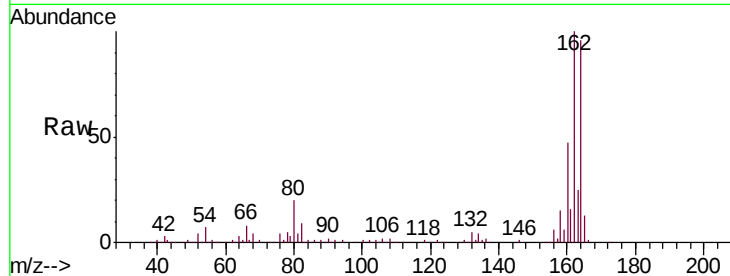




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

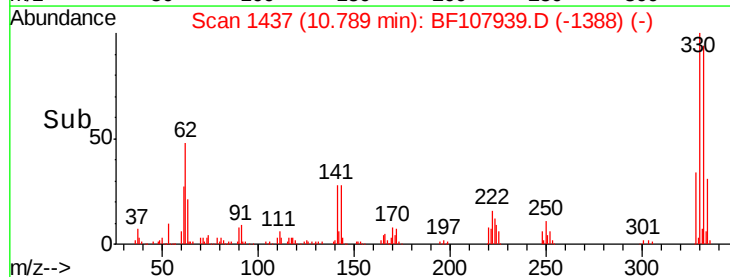
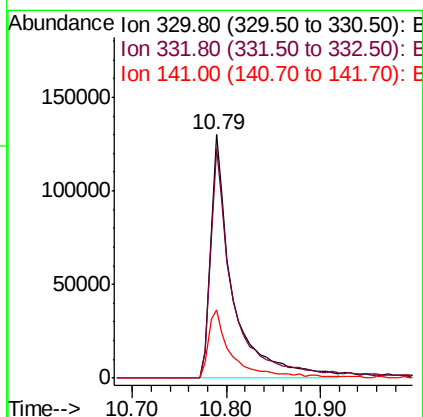
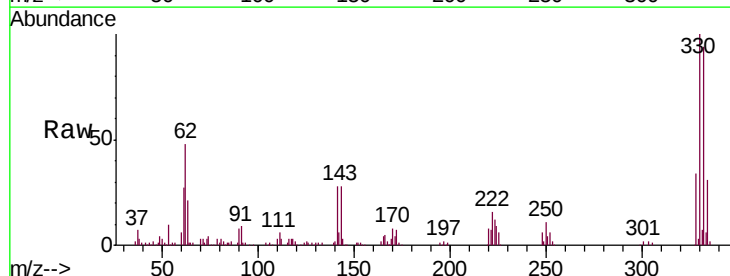
Instrument :
 BNA_F
 ClientSampled :
 KG-PIT-2

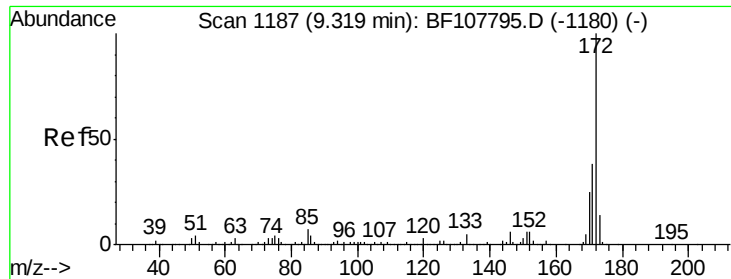
Tgt Ion:164 Resp: 234394
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 48.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 67.020 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

Tgt Ion:330 Resp: 213455
 Ion Ratio Lower Upper
 330 100
 332 102.4 77.0 115.6
 141 30.2 29.9 44.9

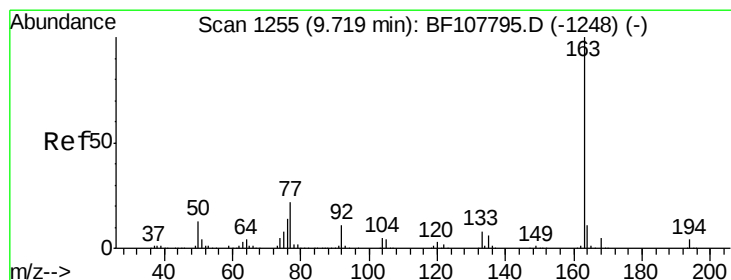
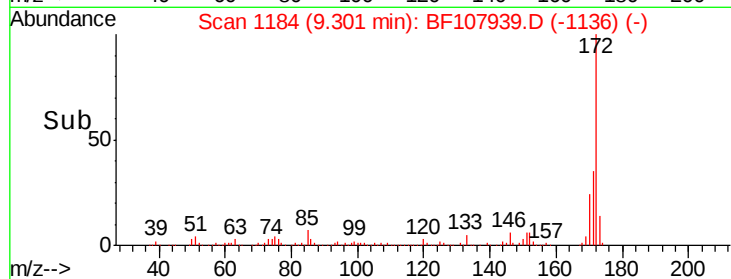
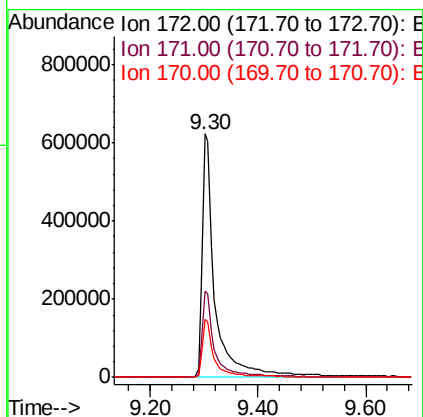
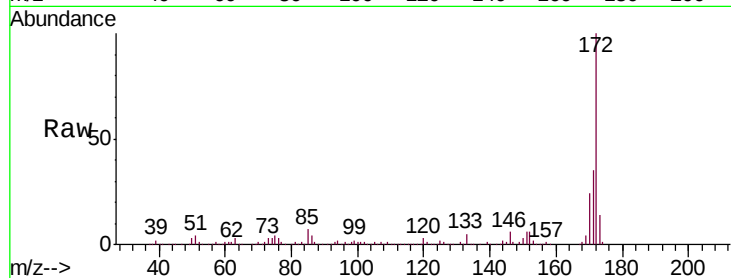




#44
2-Fluorobiphenyl
Concen: 61.335 ng
RT: 9.30 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

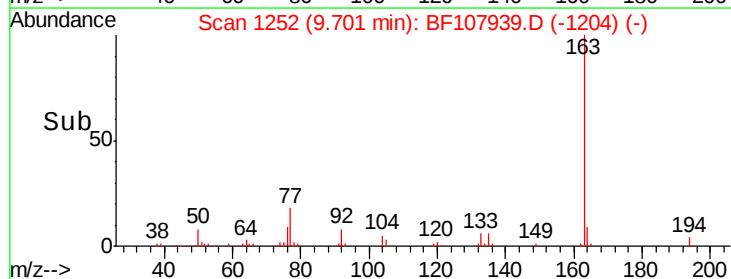
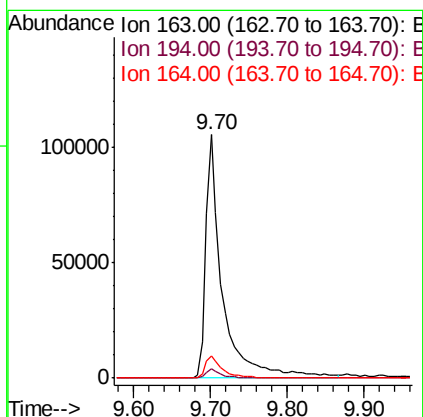
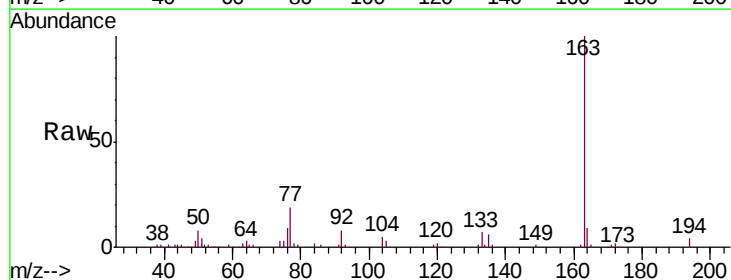
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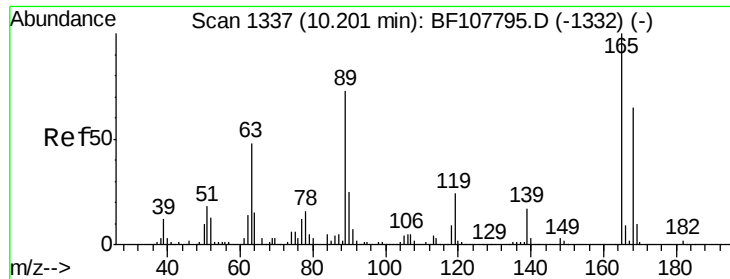
Tgt Ion:172 Resp: 1031693
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.8 19.6 29.4



#49
Dimethylphthalate
Concen: 9.027 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107939.D
Acq: 3 Aug 2018 15:57

Tgt Ion:163 Resp: 158909
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.4 8.2 12.2

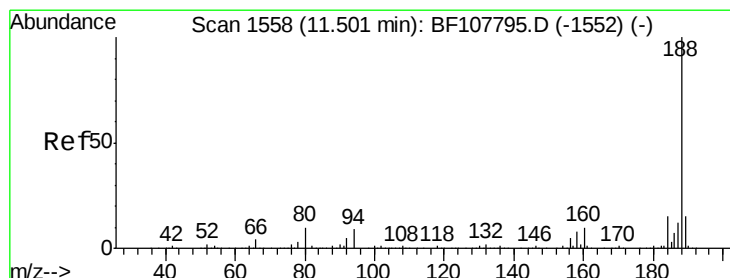
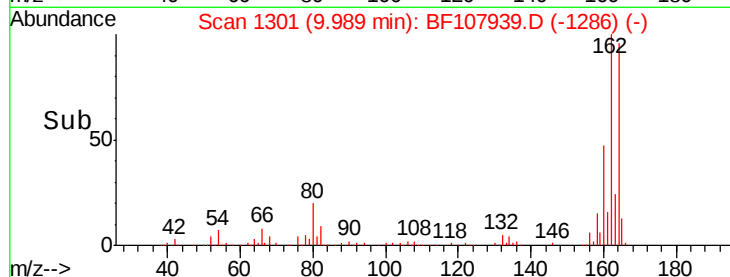
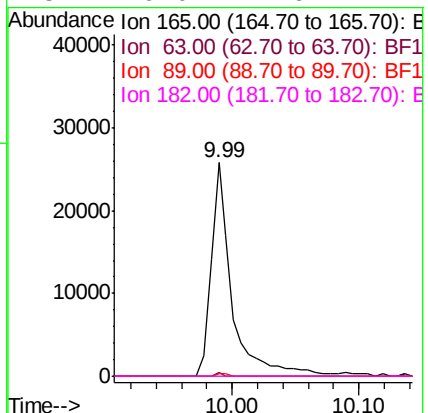
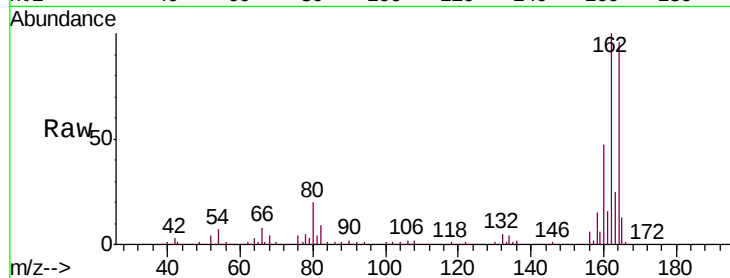




#56
 2,4-Dinitrotoluene
 Concen: 5.900 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

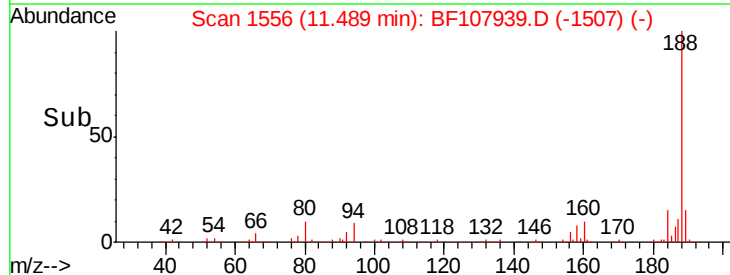
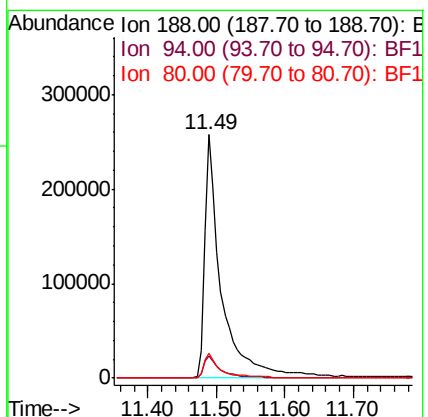
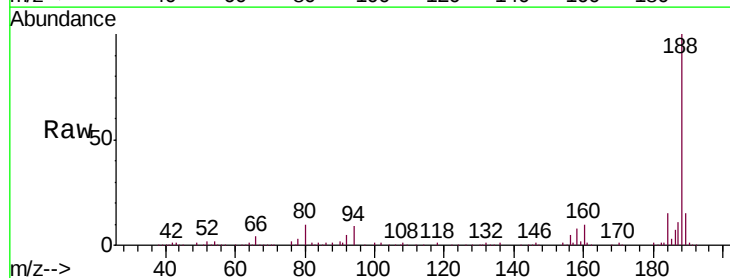
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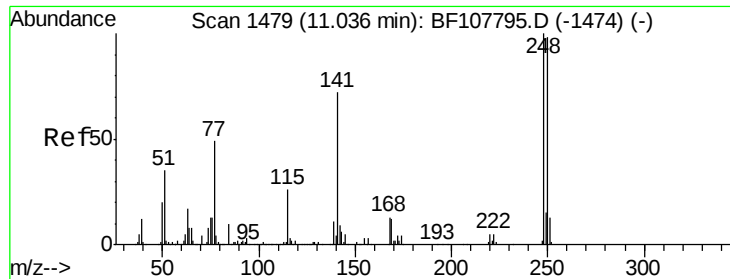
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8

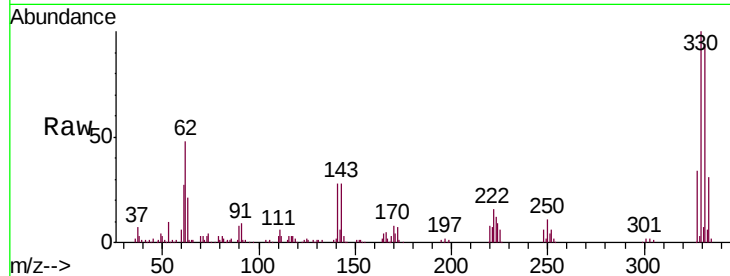




#66
 4-Bromophenyl-phenylether
 Concen: 2.354 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107939.D
 Acq: 3 Aug 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :
 KG-PIT-2

Tgt Ion	Ratio	Lower	Upper
248	100		
250	182.4	76.9	115.3#
141	457.4	74.4	111.6#

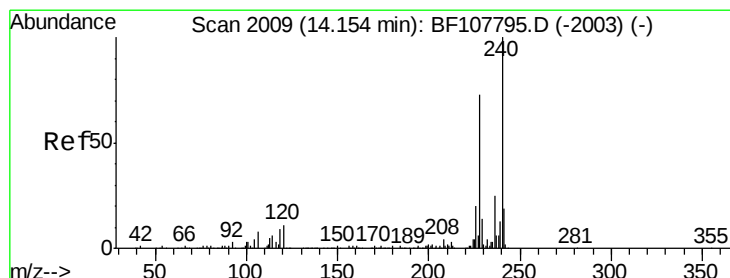
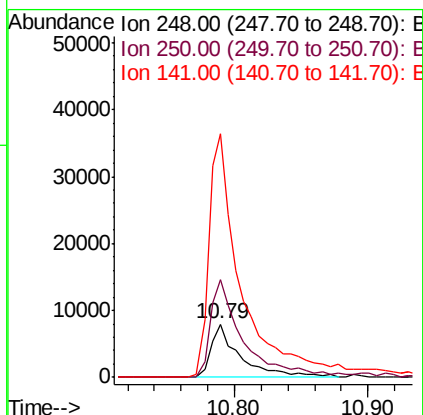
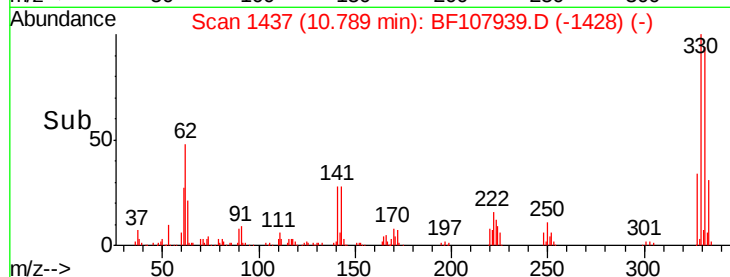


Abundance

Ion 248.00 (247.70 to 248.70): E

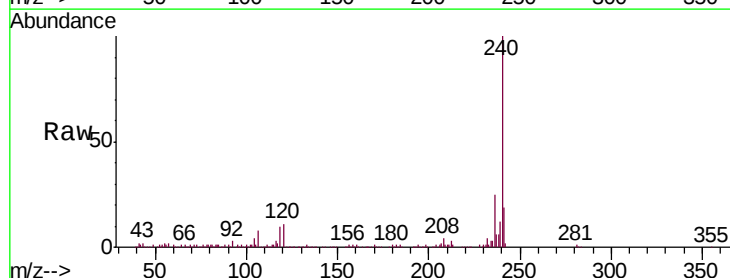
Ion 250.00 (249.70 to 250.70): E

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: BF107939.D
 Acq: 3 Aug 2018 15:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	25.5	20.7	31.1

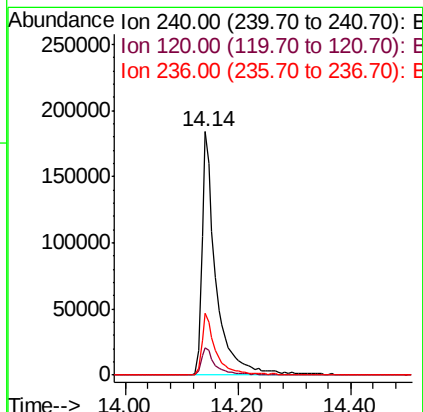
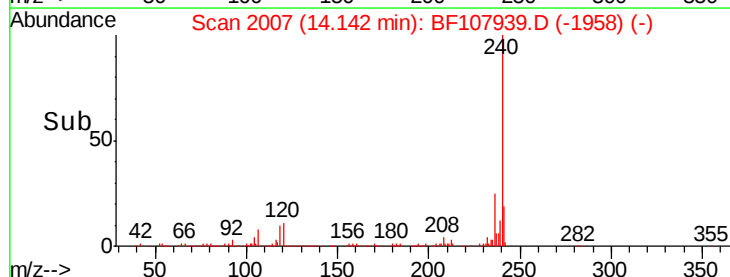


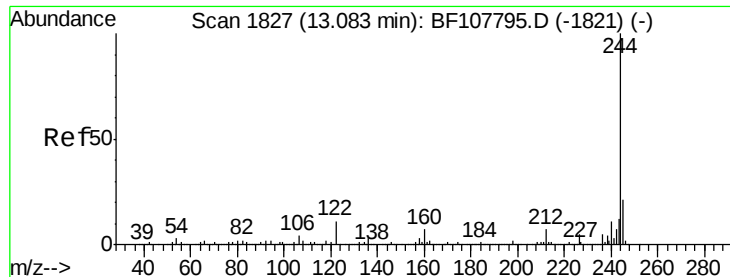
Abundance

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: 56.771 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107939.D

Acq: 3 Aug 2018 15:57

Instrument :

BNA_F

ClientSampleId :

KG-PIT-2

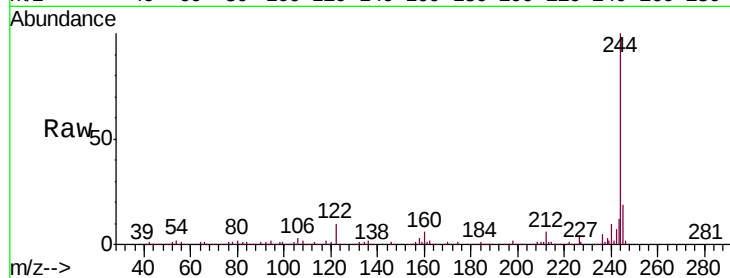
Tgt Ion:244 Resp: 837700

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

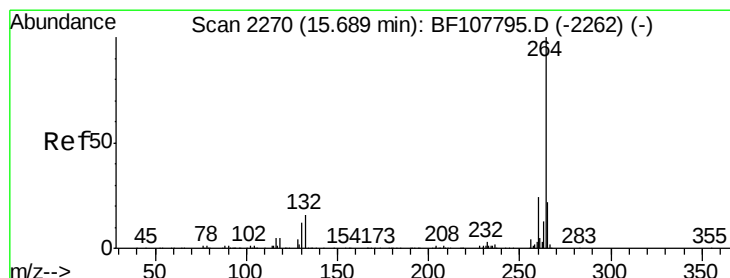
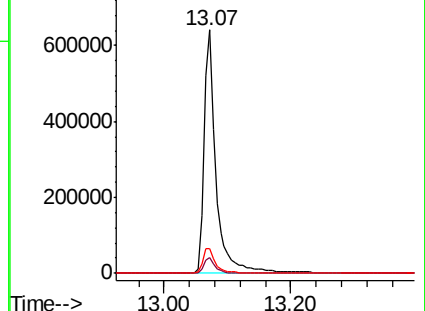
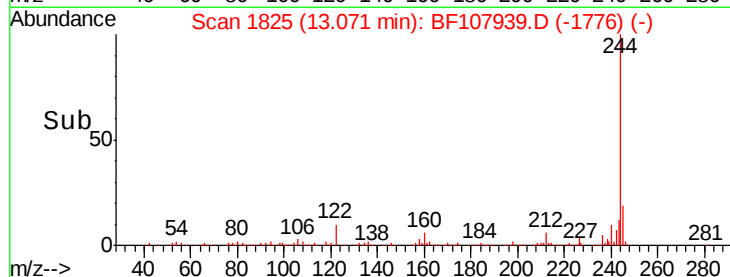
122 10.4 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF107939.D

Acq: 3 Aug 2018 15:57

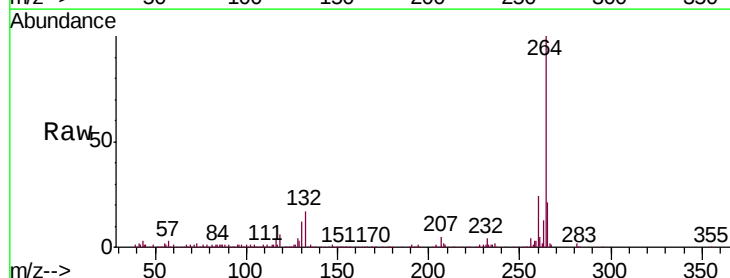
Tgt Ion:264 Resp: 374767

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

