

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107727.D
 Acq On : 27 Jul 2018 5:03
 Operator : JU/SJ
 Sample : J4146-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-PH4-COA-01

Quant Time: Jul 27 08:22:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	183926	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	771528	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	342159	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	571502	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	427122	20.00	ng	-0.02
86) Perylene-d12	15.67	264	435332	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	396729	34.68	ng	-0.01
7) Phenol-d6	6.60	99	302302	22.01	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1217941	106.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	358759	92.21	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	2286917	133.59	ng	-0.02
78) Terphenyl-d14	13.08	244	1518046	90.99	ng	-0.02

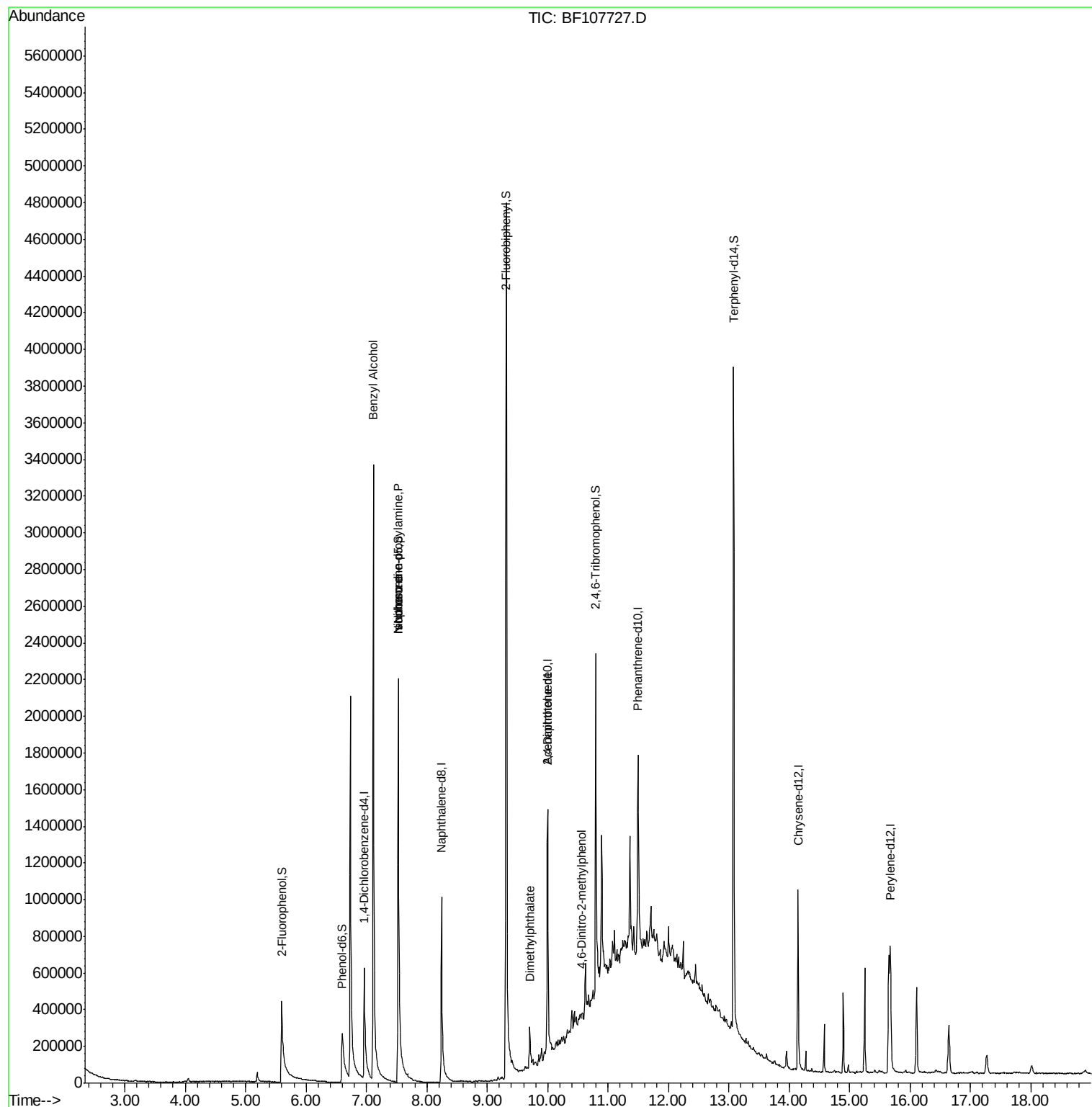
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.11	79	19403	2.073	ng	# 47
19) n-Nitroso-di-n-propylamine	7.52	70	151831	17.110	ng	# 78
25) Isophorone	7.52	82	1217941	49.896	ng	# 64
49) Dimethylphthalate	9.71	163	123571	4.792	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	42432	6.866	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.56	198	153	8.726	ng	# 1
73) Di-n-butylphthalate	12.04	149	6294	Below Cal		# 74

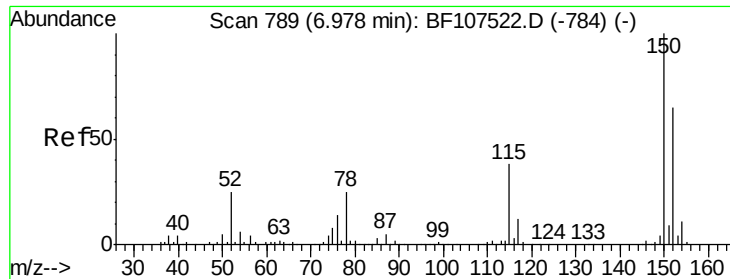
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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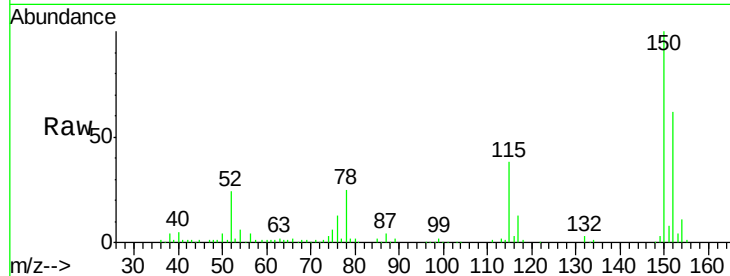


#1

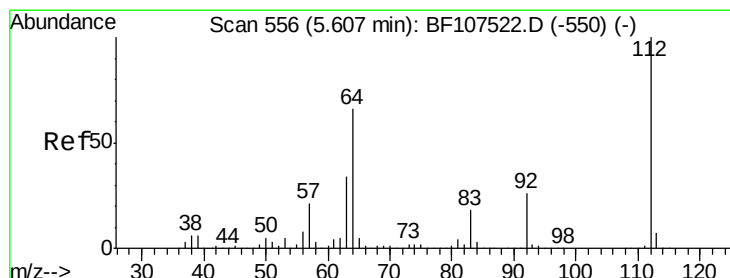
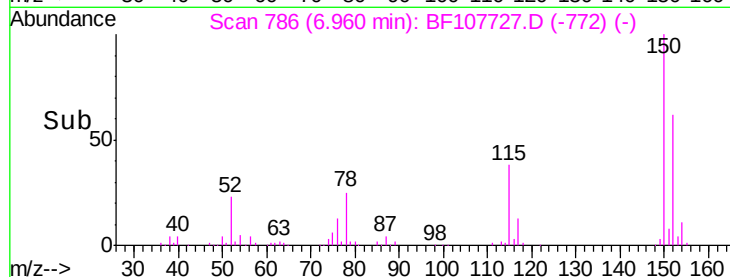
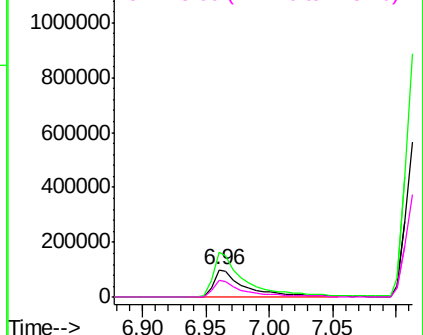
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

Instrument :
BNA_F
ClientSampleId :
SES-CS-PH4-COA-01

Tgt Ion:152 Resp: 183926
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 60.8 50.1 75.1



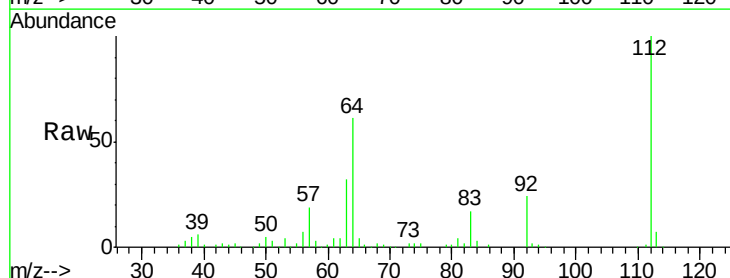
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



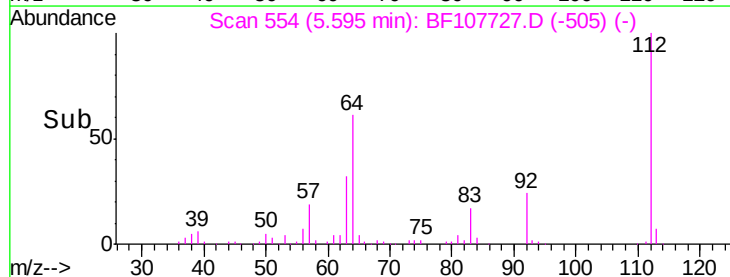
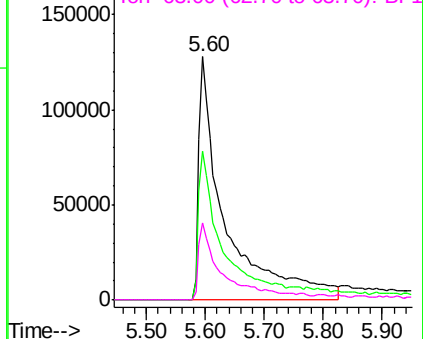
#5

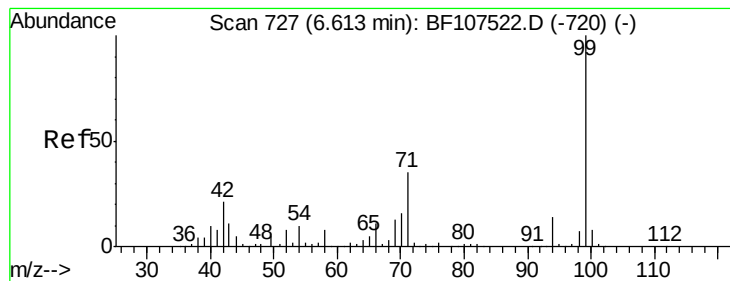
2-Fluorophenol
Concen: 34.680 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

Tgt Ion:112 Resp: 396729
Ion Ratio Lower Upper
112 100
64 61.3 47.9 71.9
63 31.9 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: 22.008 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

Instrument :

BNA_F

ClientSampleId :

SES-CS-PH4-COA-01

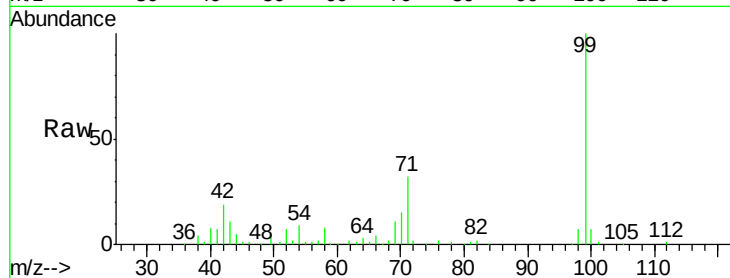
Tgt Ion: 99 Resp: 302302

Ion Ratio Lower Upper

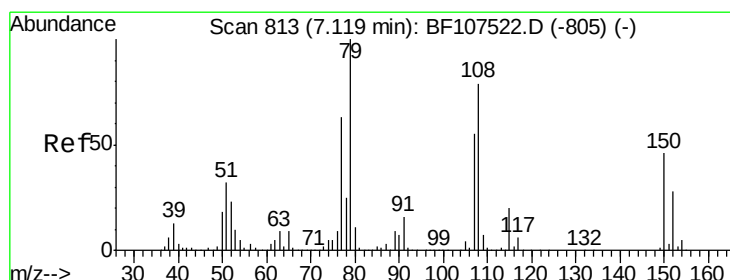
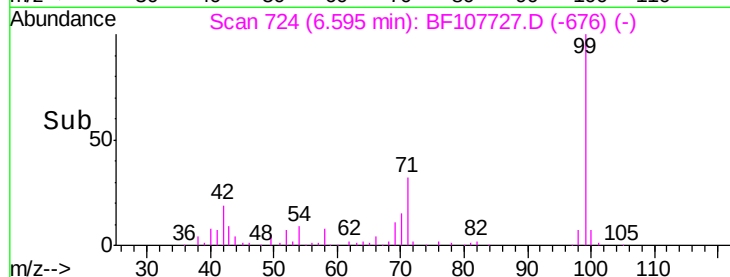
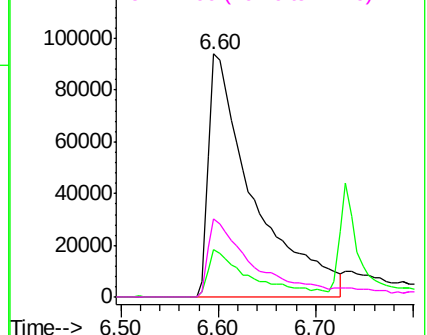
99 100

42 19.5 14.5 21.7

71 32.0 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



#15

Benzyl Alcohol

Concen: 2.073 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

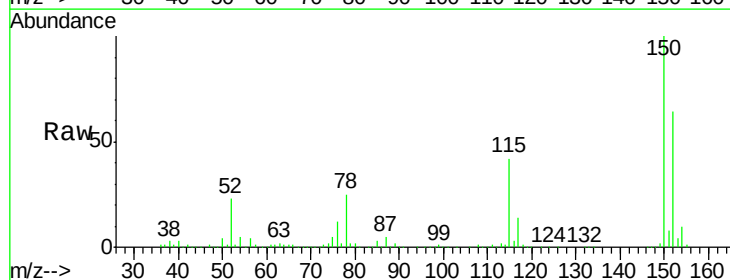
Tgt Ion: 79 Resp: 19403

Ion Ratio Lower Upper

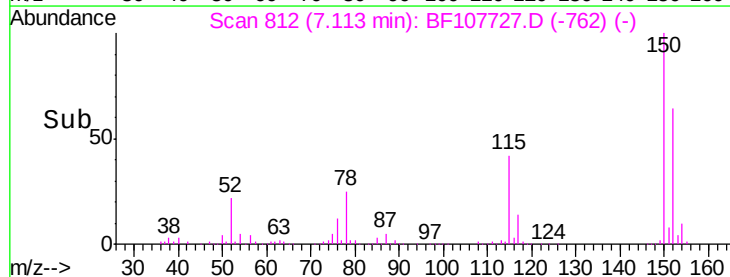
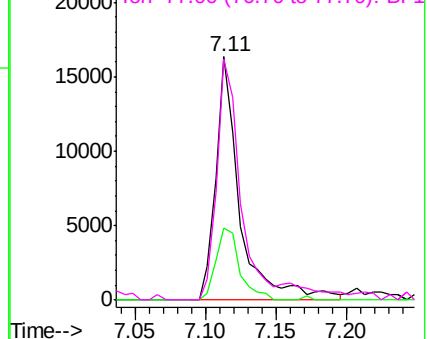
79 100

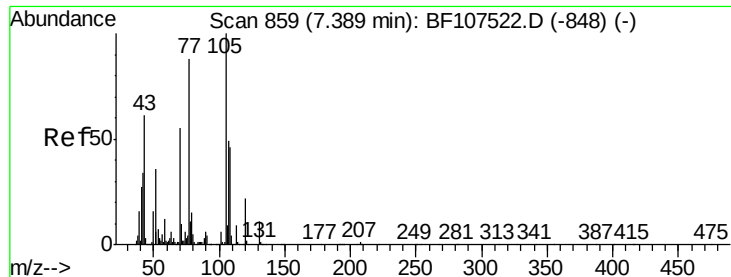
108 29.9 65.1 97.7#

77 98.8 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

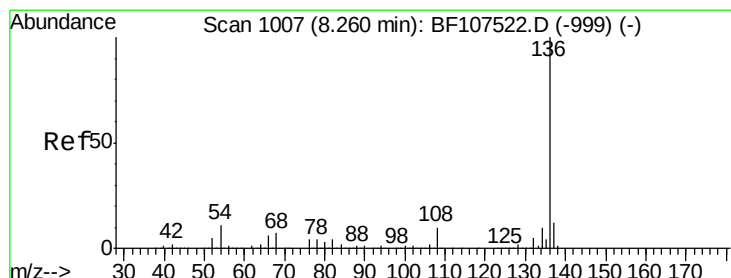
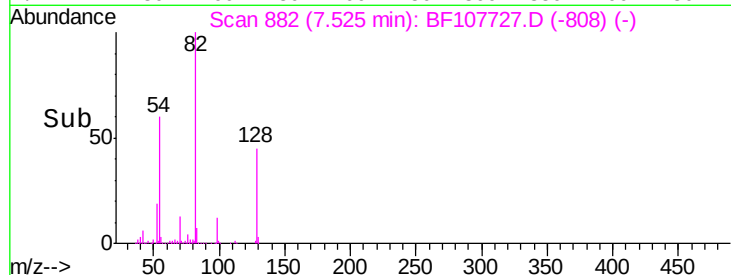
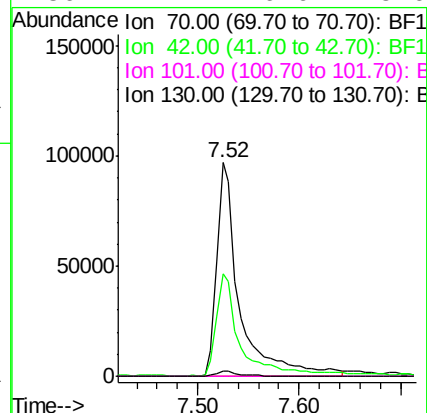
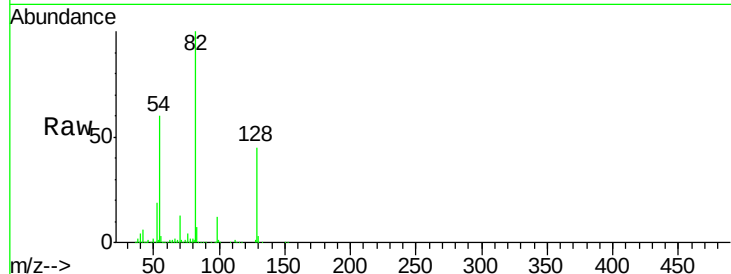




#19
n-Nitroso-di-n-propylamine
Concen: 17.110 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

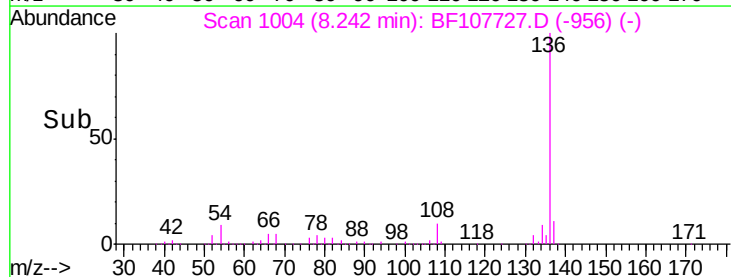
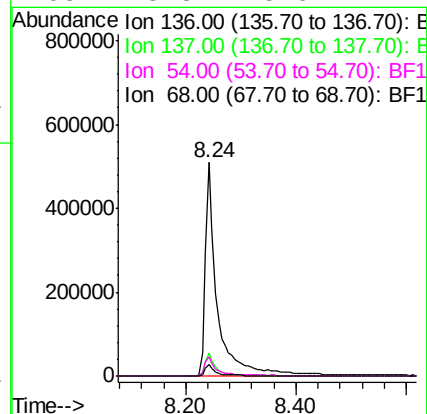
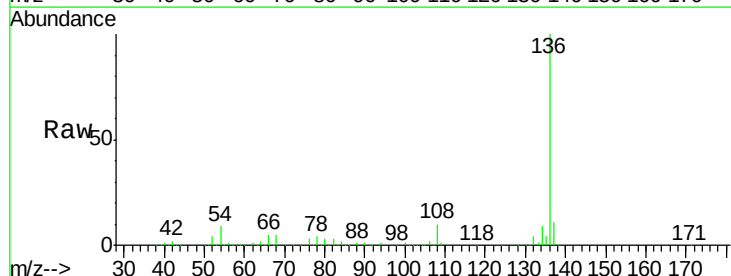
Instrument :
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SES-CS-PH4-COA-01

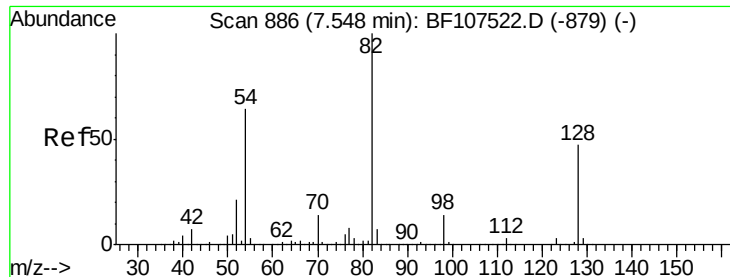
Tgt Ion:	70	Resp:	151831
Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

Tgt Ion:	136	Resp:	771528
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.9	6.6	9.8
68	5.3	5.0	7.4

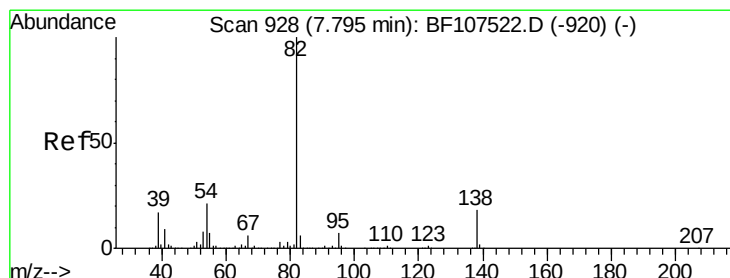
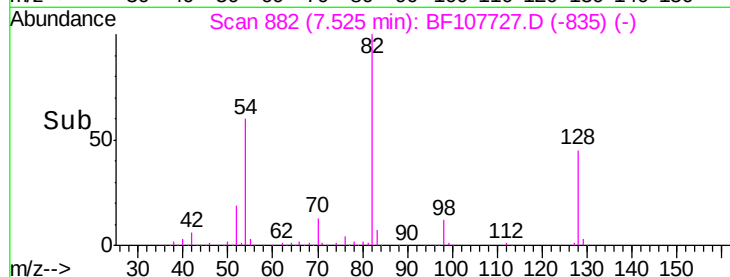
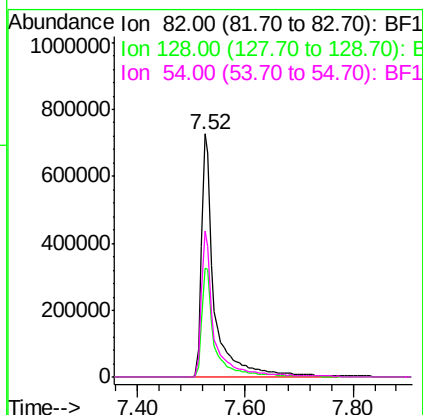
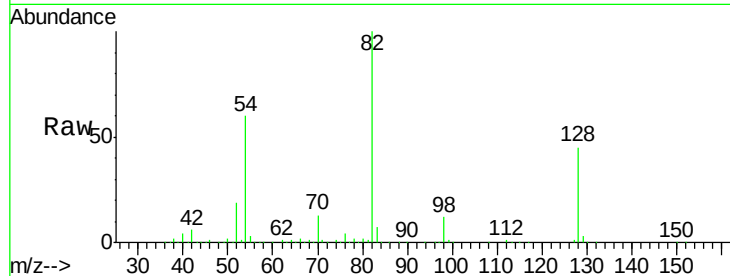




#23
Nitrobenzene-d5
Concen: 106.537 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

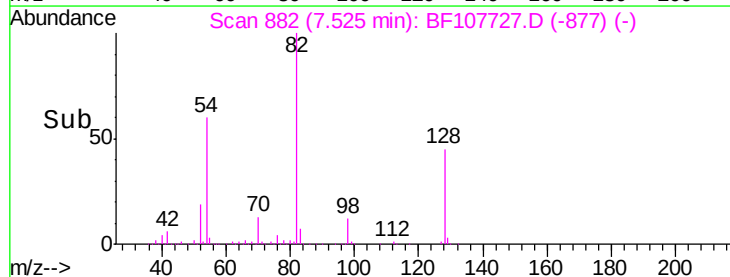
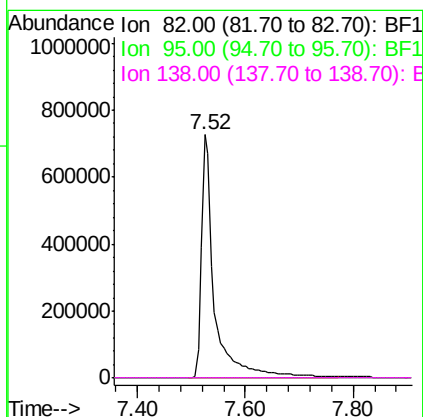
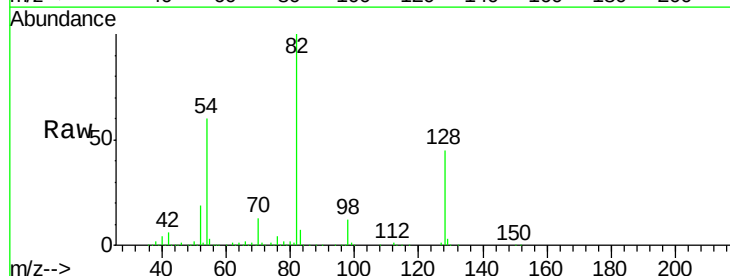
Instrument :
BNA_F
ClientSampleId :
SES-CS-PH4-COA-01

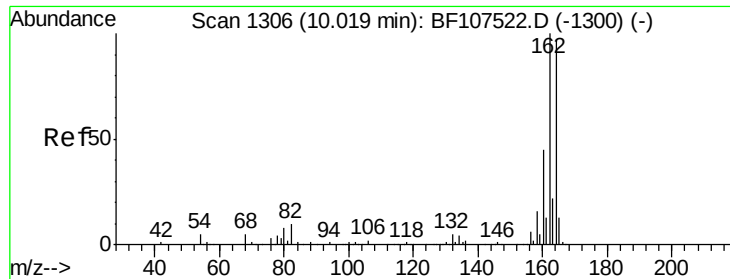
Tgt Ion: 82 Resp: 1217941
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 60.1 41.4 62.2



#25
Isophorone
Concen: 49.896 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107727.D
Acq: 27 Jul 2018 5:03

Tgt Ion: 82 Resp: 1217941
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

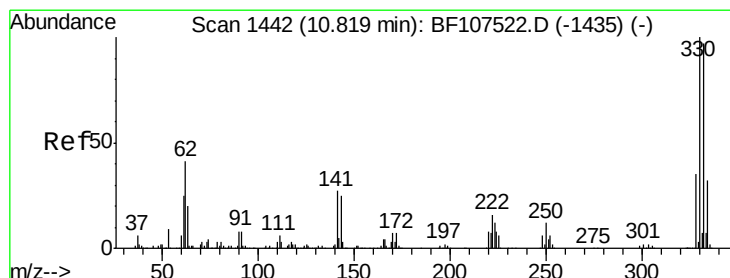
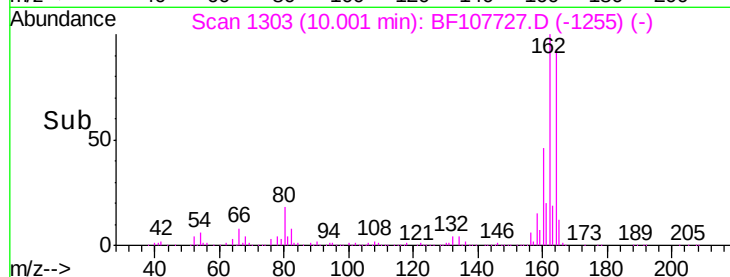
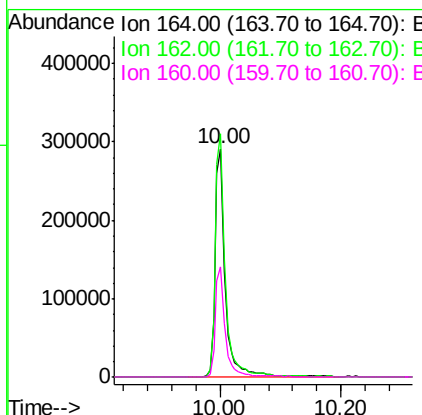
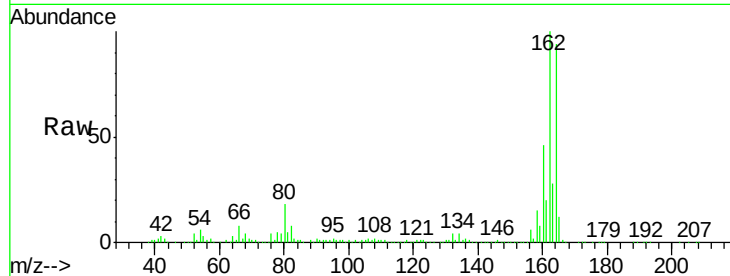




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

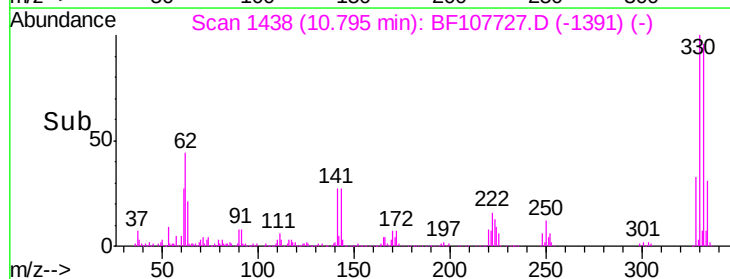
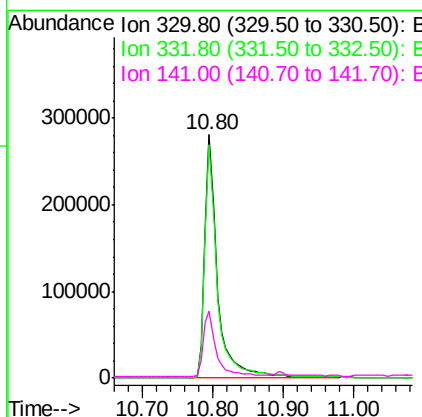
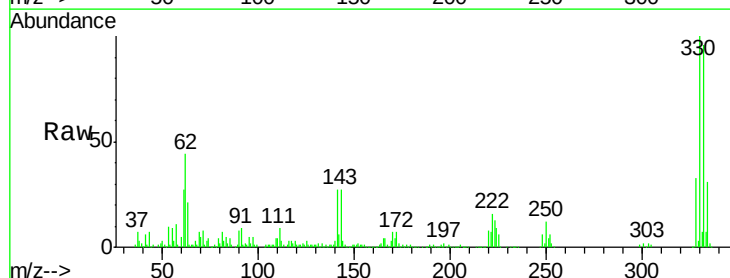
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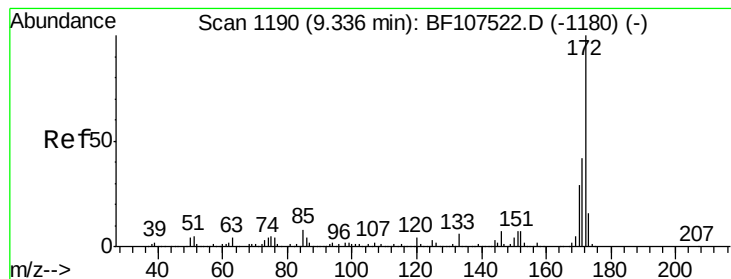
Tgt Ion:164 Resp: 342159
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 48.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.205 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

Tgt Ion:330 Resp: 358759
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 26.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 133.586 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

Instrument :

BNA_F

ClientSampleId :

SES-CS-PH4-COA-01

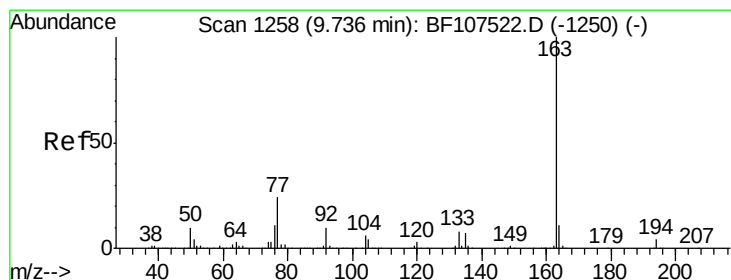
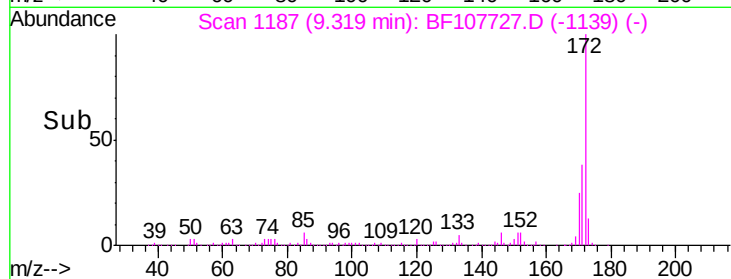
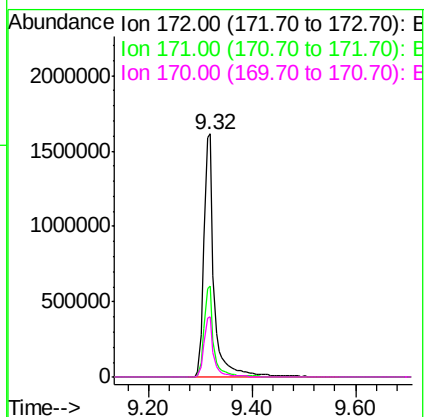
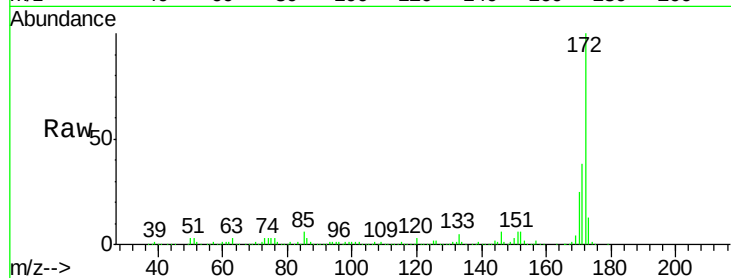
Tgt Ion:172 Resp: 2286917

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.1	19.6	29.4

172 100

171 37.6 29.7 44.5

170 25.1 19.6 29.4



#49

Dimethylphthalate

Concen: 4.792 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

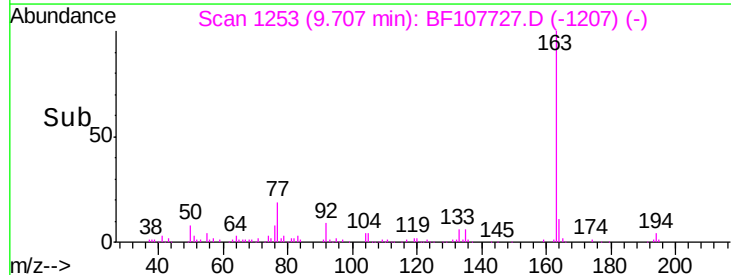
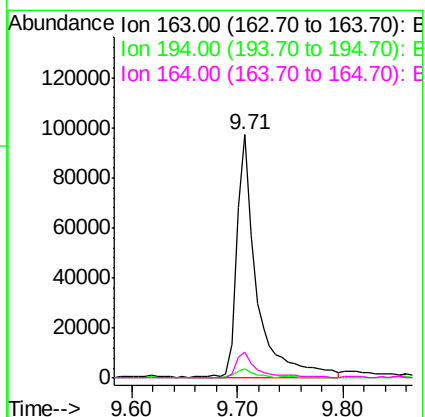
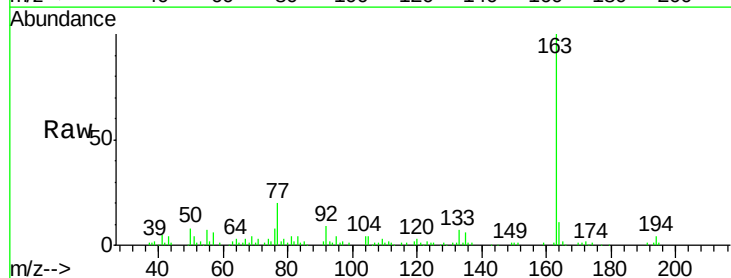
Tgt Ion:163 Resp: 123571

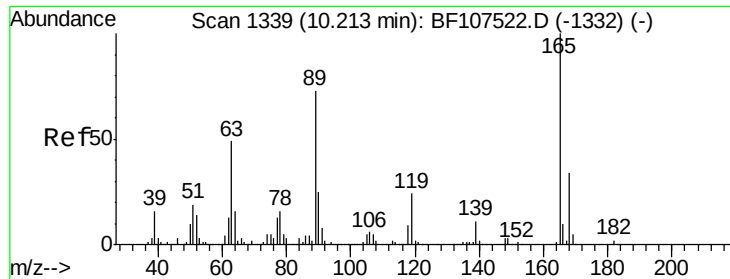
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.9	8.2	12.2

163 100

194 3.9 2.7 4.1

164 10.9 8.2 12.2

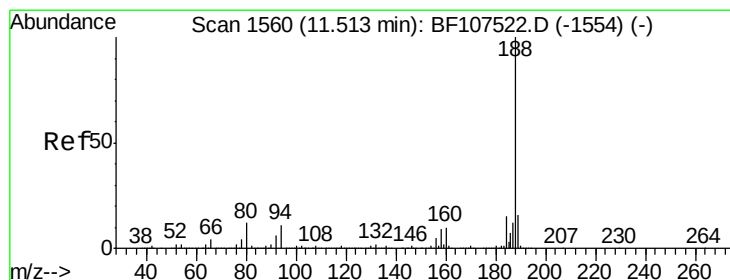
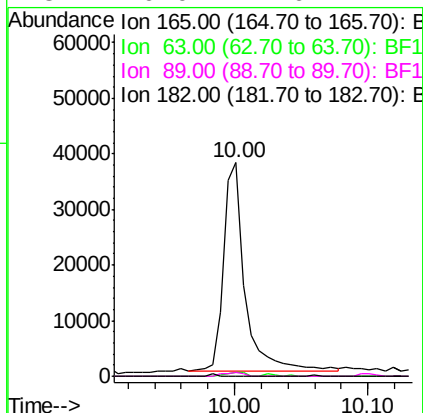
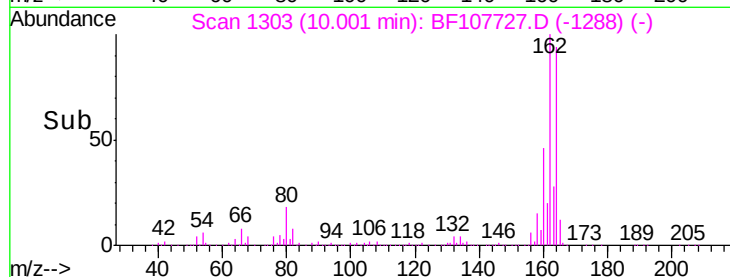
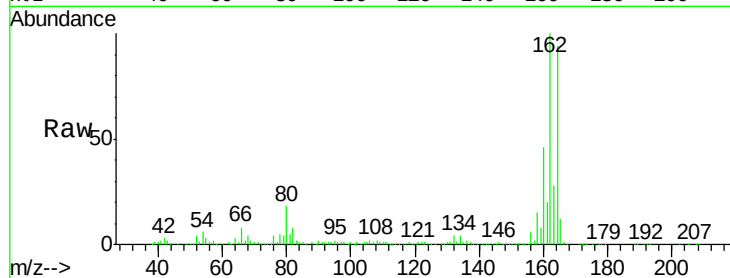




#56
 2,4-Dinitrotoluene
 Concen: 6.866 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

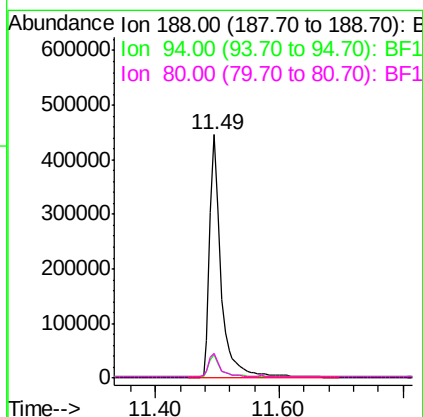
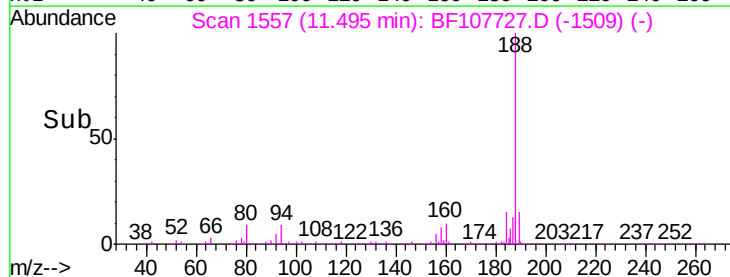
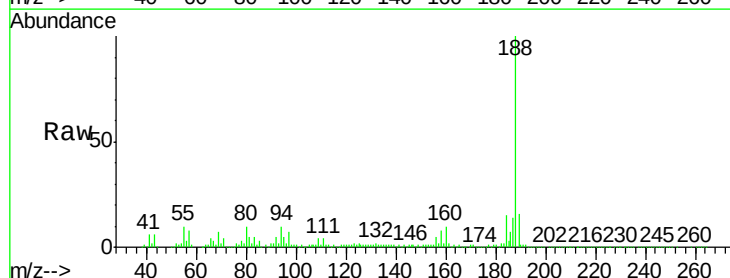
Instrument :
 BNA_F
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 SES-CS-PH4-COA-01

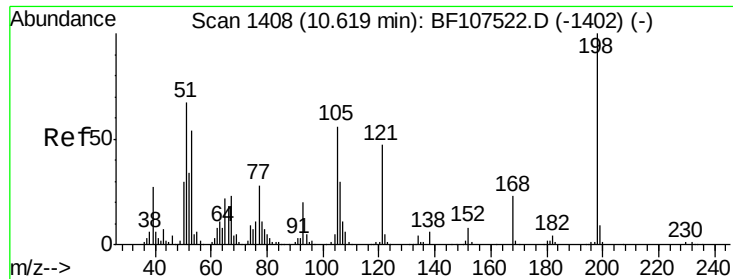
Tgt Ion:165 Resp: 42432
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

Tgt Ion:188 Resp: 571502
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.0 9.2 13.8

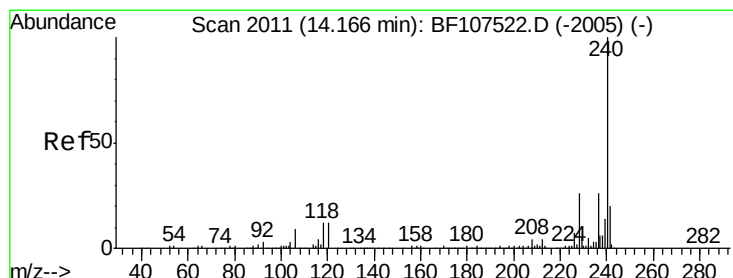
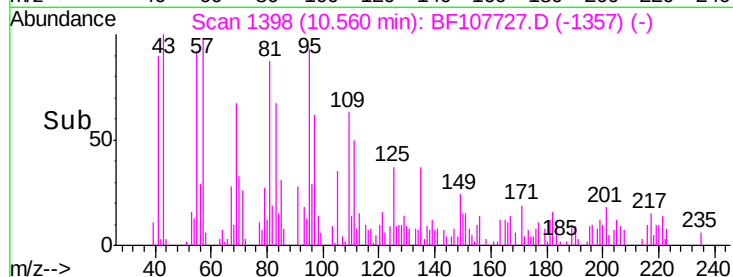
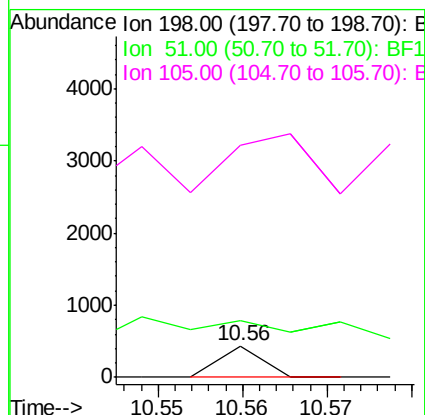
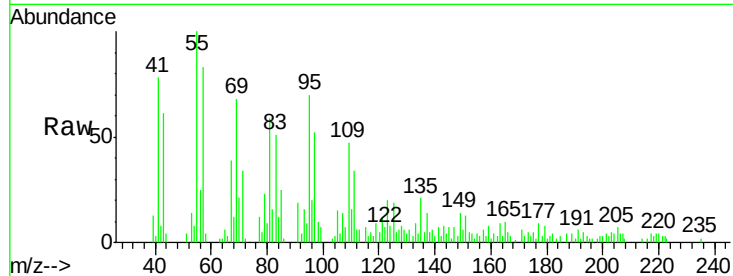




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.726 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.06 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

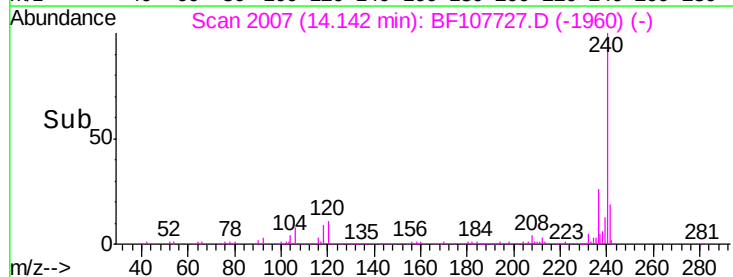
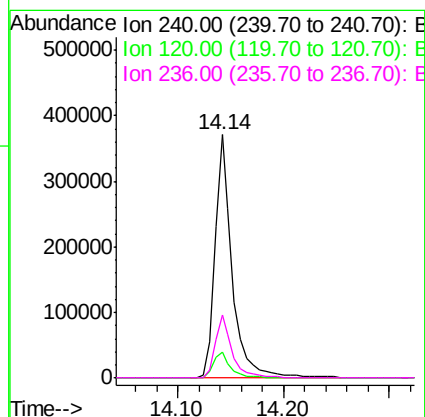
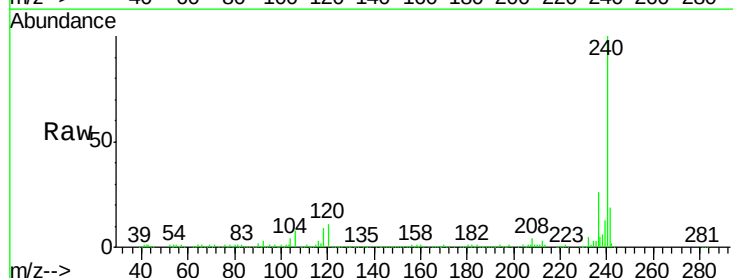
Instrument :
 BNA_F
 ClientSampleId :
 SES-CS-PH4-COA-01

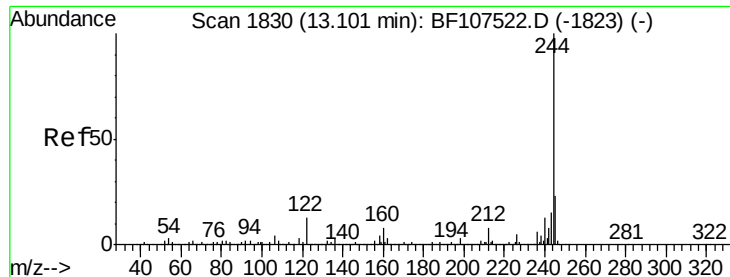
Tgt Ion:198 Resp: 153
 Ion Ratio Lower Upper
 198 100
 51 182.5 37.7 77.7#
 105 740.3 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BF107727.D
 Acq: 27 Jul 2018 5:03

Tgt Ion:240 Resp: 427122
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.5 14.3
 236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 90.989 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

Instrument :

BNA_F

ClientSampleId :

SES-CS-PH4-COA-01

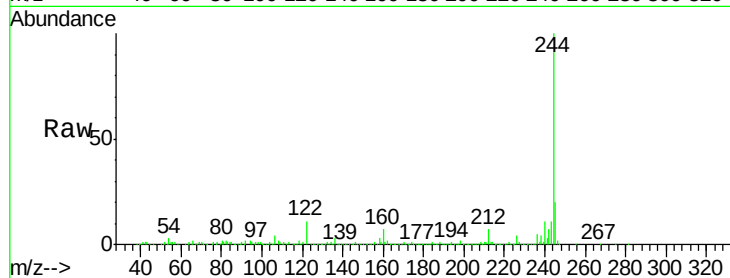
Tgt Ion:244 Resp: 1518046

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

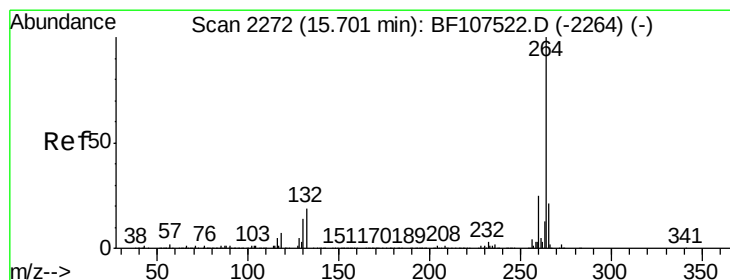
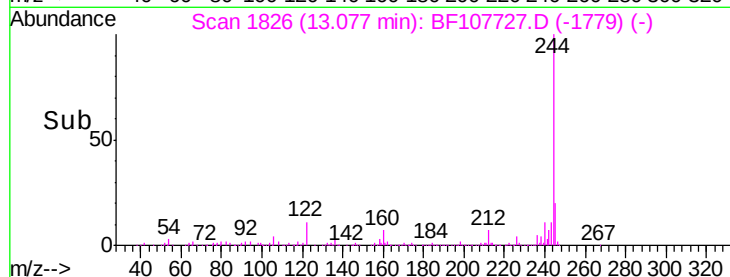
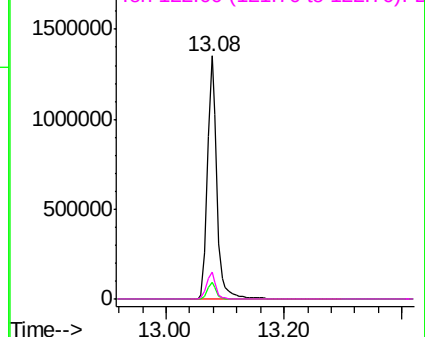
122 11.4 11.0 16.4



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: 15.67 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF107727.D

Acq: 27 Jul 2018 5:03

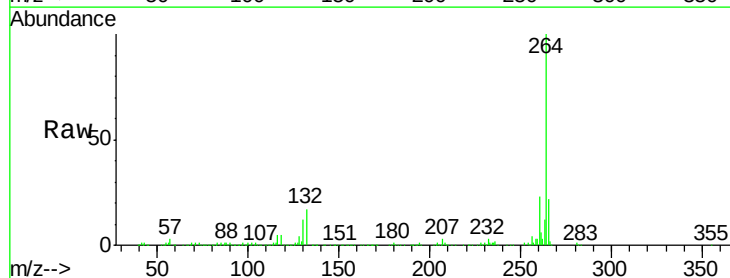
Tgt Ion:264 Resp: 435332

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.2 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

