

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107704.D
 Acq On : 26 Jul 2018 17:17
 Operator : JU/SJ
 Sample : J4152-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-2

Quant Time: Jul 27 10:19:48 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

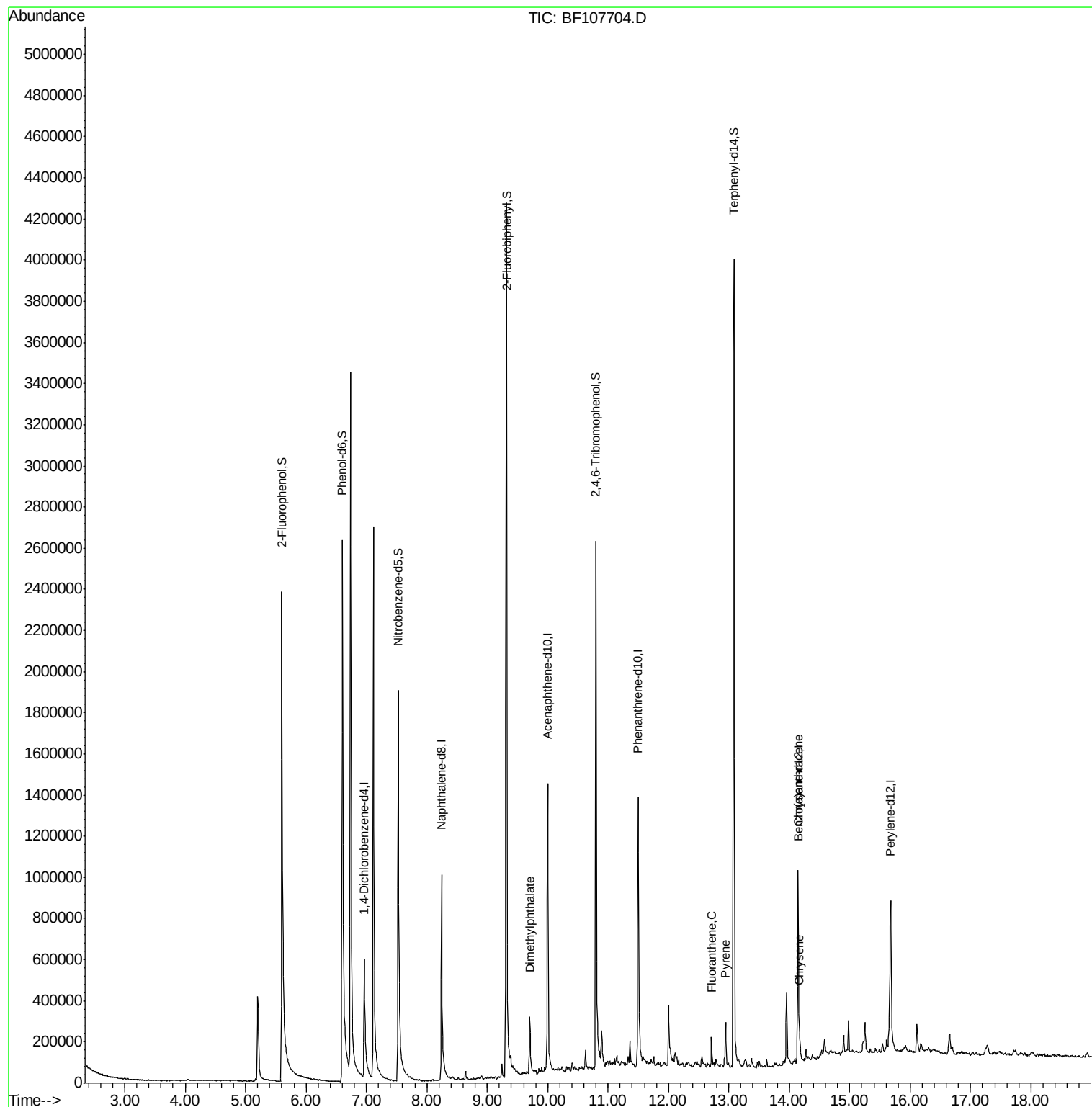
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	166449	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	680428	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	316537	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	635258	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	385686	20.00	ng	-0.02
86) Perylene-d12	15.68	264	436490	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1134856	109.62	ng	0.00
7) Phenol-d6	6.60	99	1555911	125.17	ng	-0.01
23) Nitrobenzene-d5	7.52	82	983205	97.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	493285	137.04	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1807078	103.77	ng	-0.02
78) Terphenyl-d14	13.08	244	1588945	105.47	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	128629	5.392	ng	99
74) Fluoranthene	12.71	202	74624	2.246	ng	97
77) Pyrene	12.95	202	121513	4.606	ng	96
80) Benzo(a)anthracene	14.14	228	49484	2.189	ng	97
82) Chrysene	14.17	228	47917	2.207	ng	98

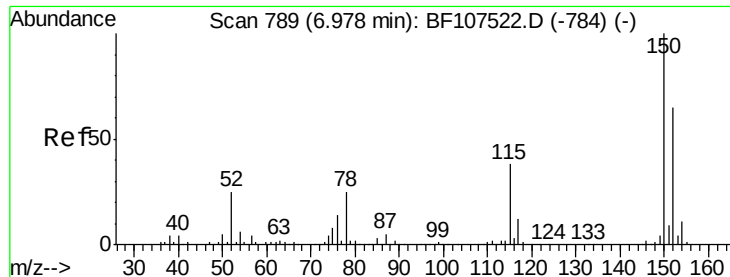
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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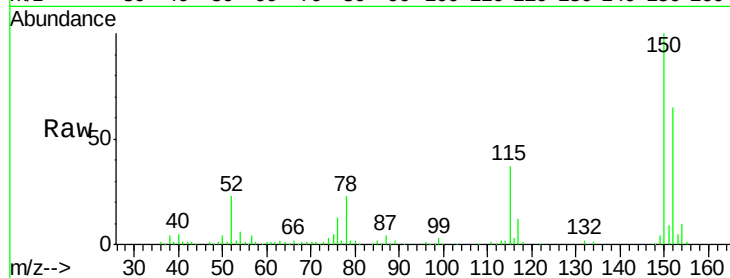


#1

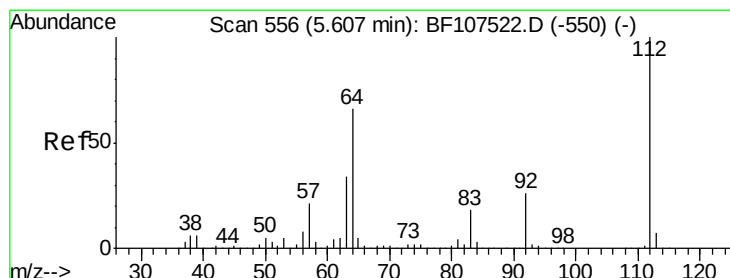
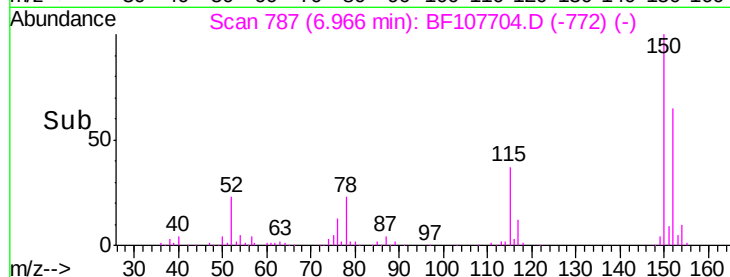
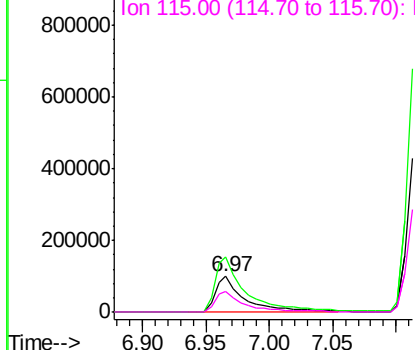
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107704.D
Acq: 26 Jul 2018 17:17

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Tgt Ion:152 Resp: 166449
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 57.3 50.1 75.1



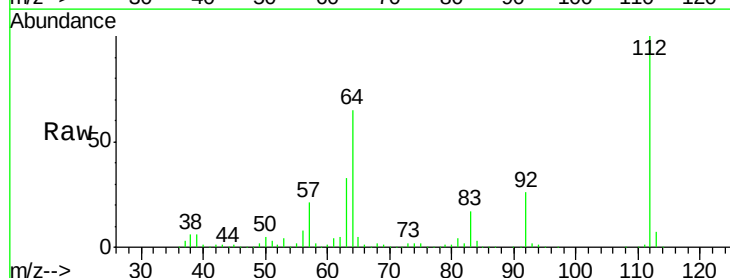
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



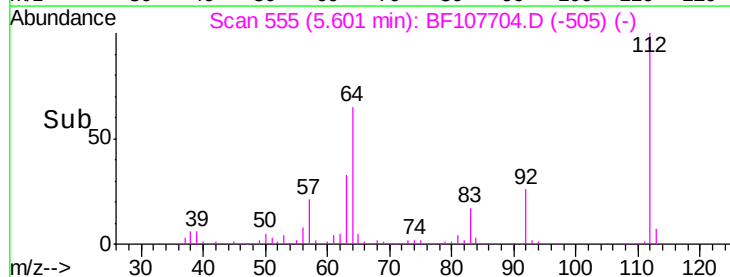
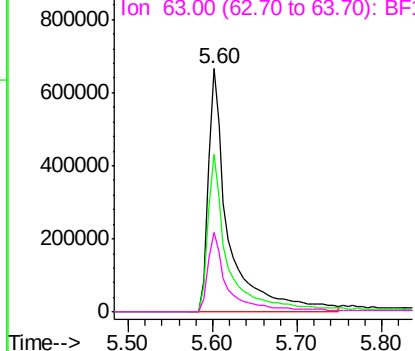
#5

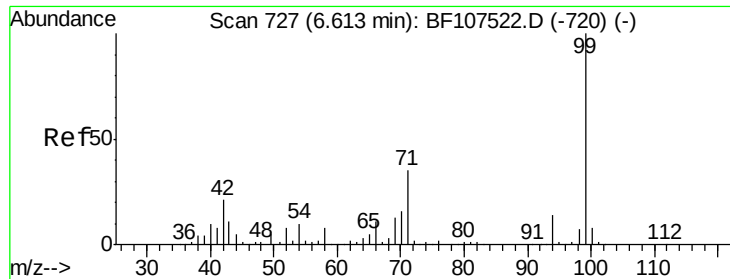
2-Fluorophenol
Concen: 109.621 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107704.D
Acq: 26 Jul 2018 17:17

Tgt Ion:112 Resp: 1134856
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 32.9 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: 125.167 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

Instrument :

BNA_F

ClientSampleId :

LA-SOIL-2

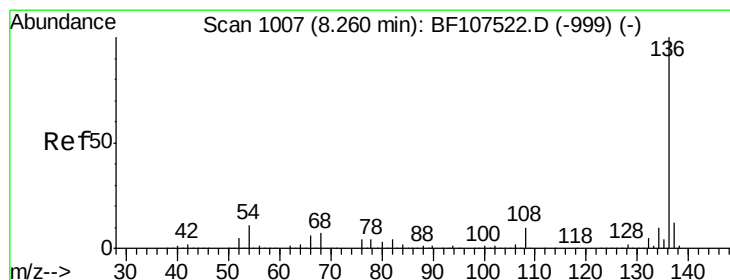
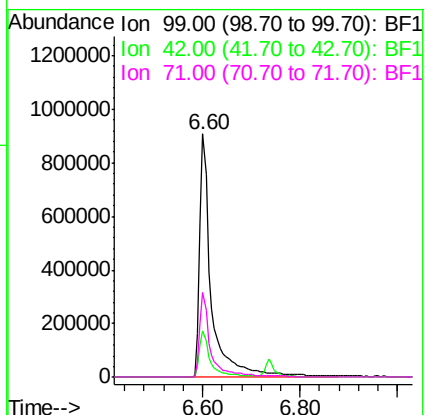
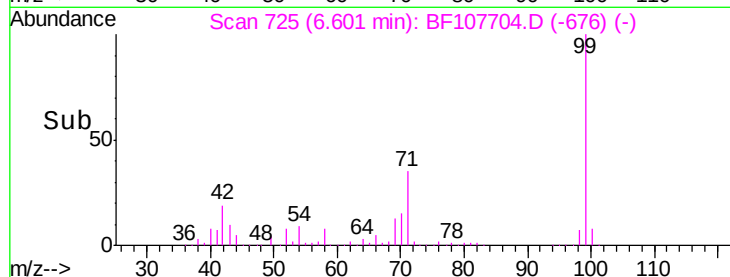
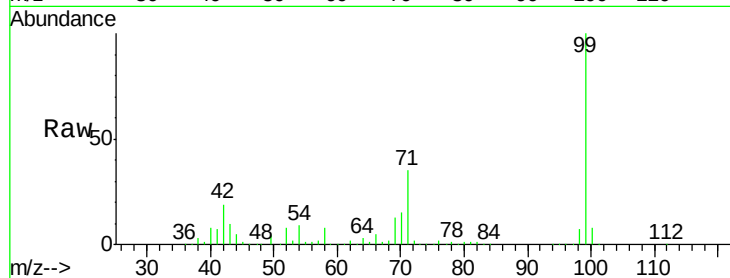
Tgt Ion: 99 Resp: 1555911

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 35.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

Tgt Ion: 136 Resp: 680428

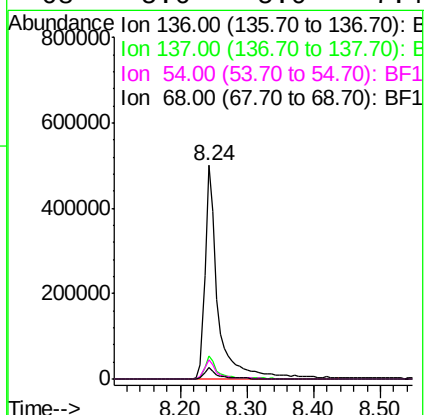
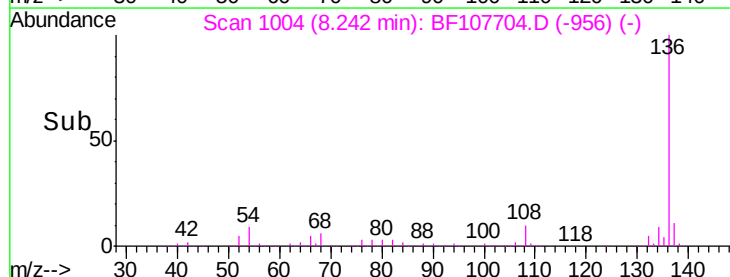
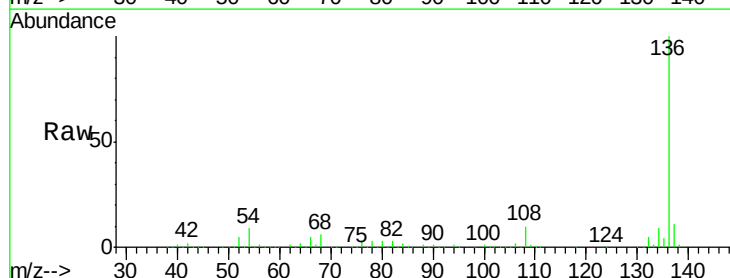
Ion Ratio Lower Upper

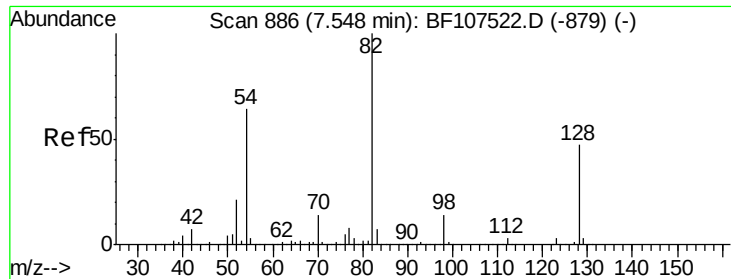
136 100

137 10.8 8.9 13.3

54 9.1 6.6 9.8

68 5.6 5.0 7.4

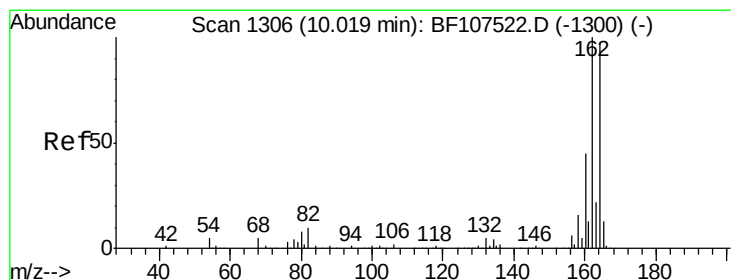
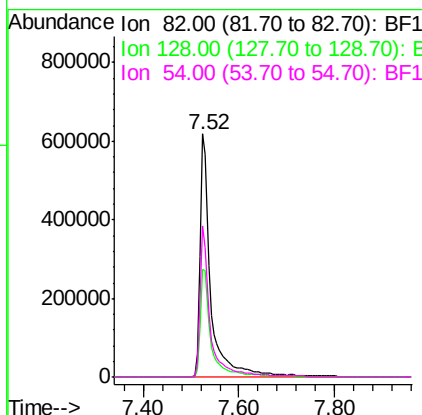
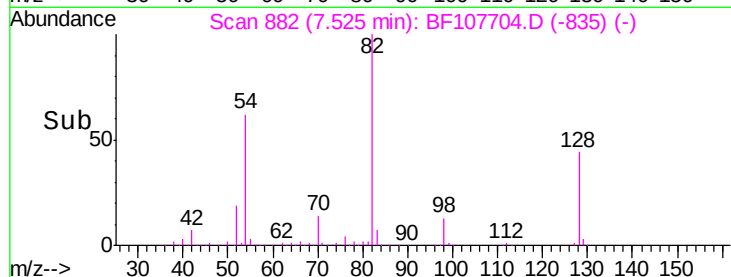
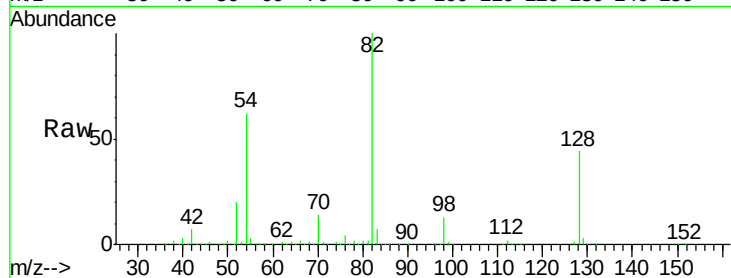




#23
 Nitrobenzene-d5
 Concen: 97.518 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

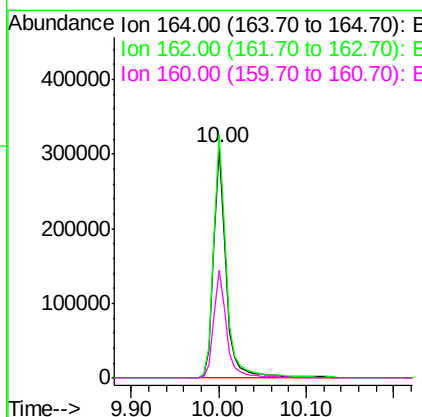
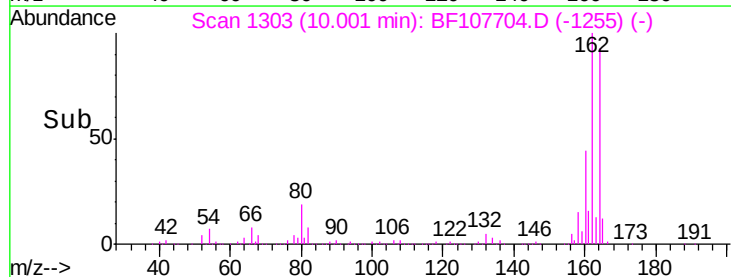
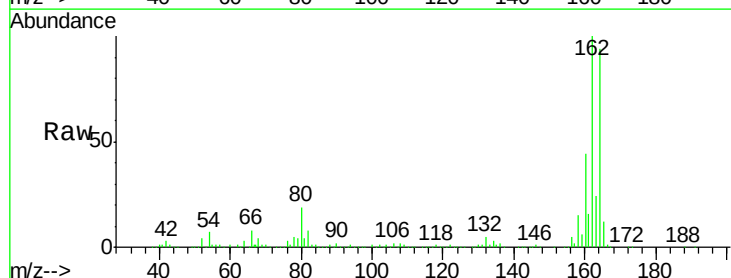
Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-2

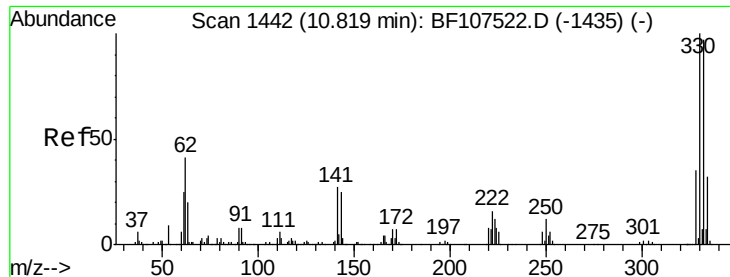
Tgt Ion: 82 Resp: 983205
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 62.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

Tgt Ion: 164 Resp: 316537
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 46.8 38.3 57.5

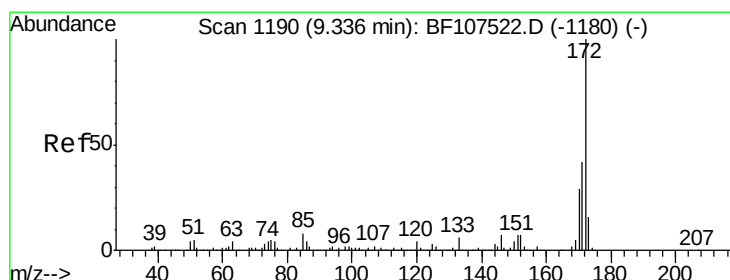
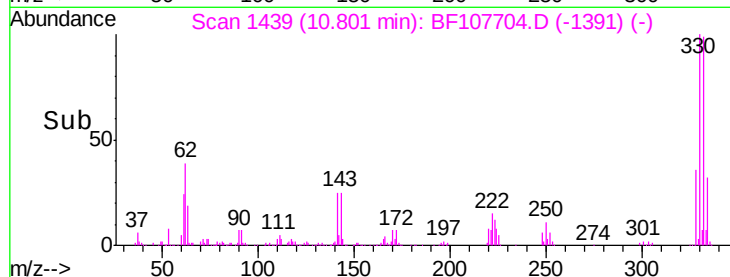
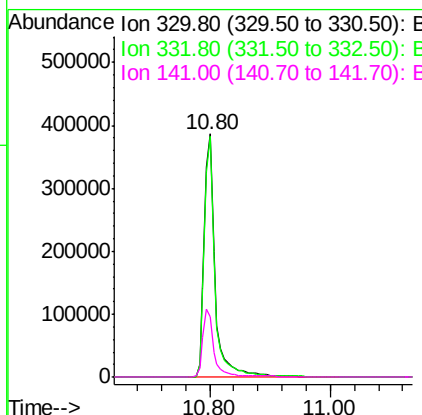
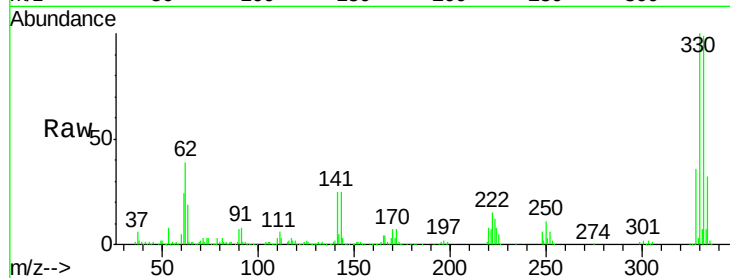




#41
 2,4,6-Tribromophenol
 Concen: 137.042 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

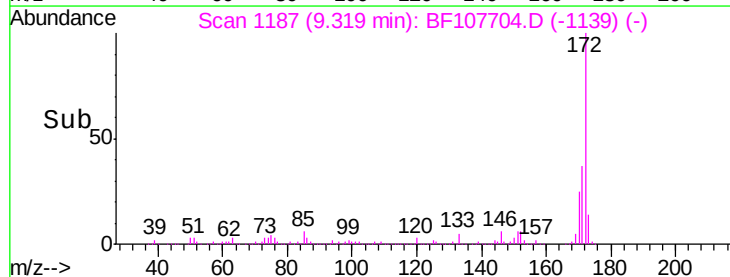
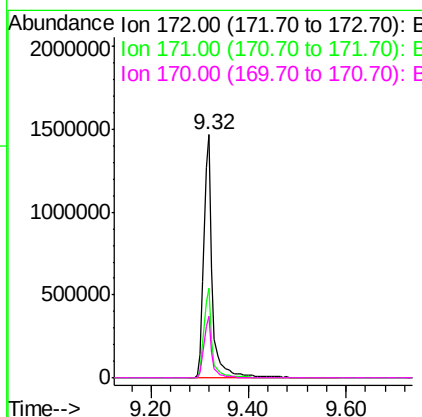
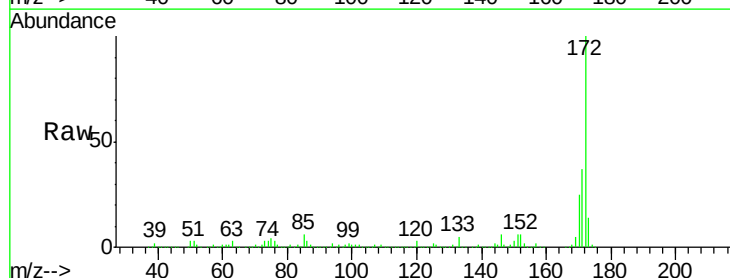
Instrument :
 BNA_F
 ClientSampleId :
 LA-SOIL-2

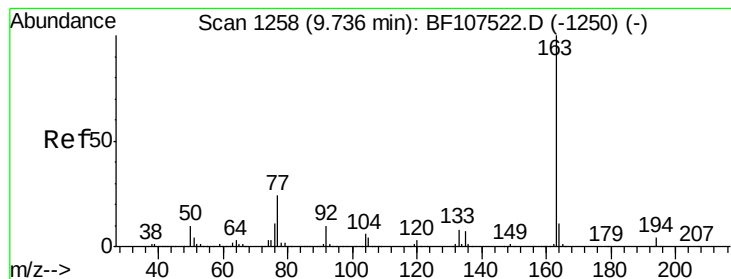
Tgt Ion:330 Resp: 493285
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 27.9 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 103.774 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

Tgt Ion:172 Resp: 1807078
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 25.2 19.6 29.4





#49

Dimethylphthalate

Concen: 5.392 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

Instrument :

BNA_F

ClientSampleId :

LA-SOIL-2

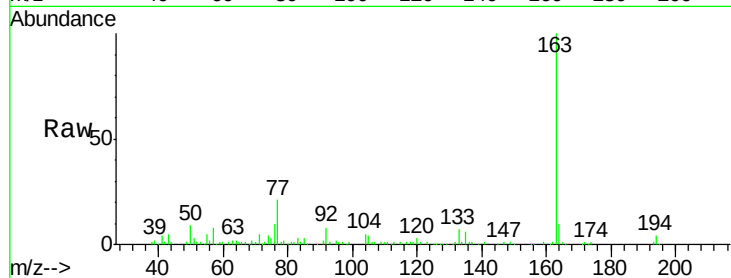
Tgt Ion:163 Resp: 128629

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

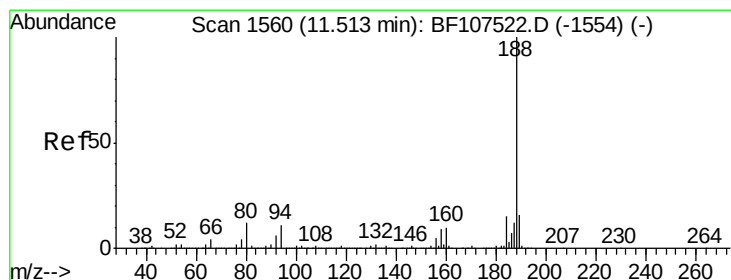
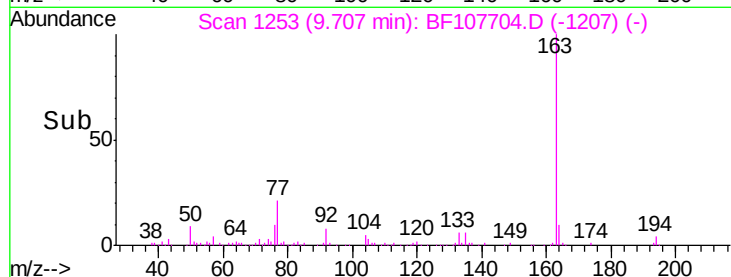
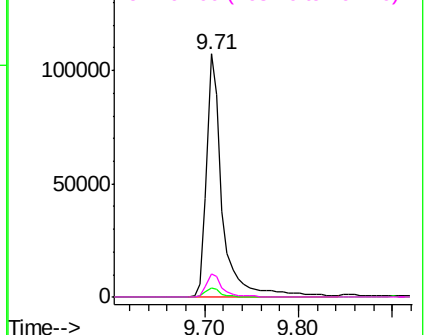
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

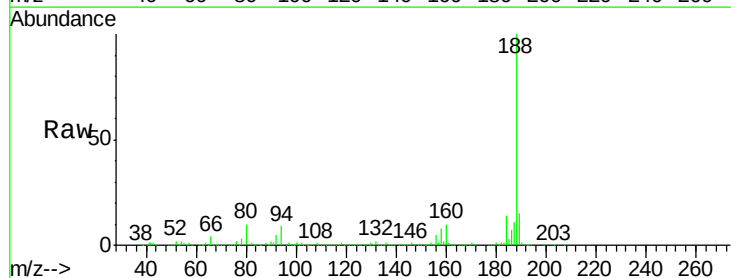
Tgt Ion:188 Resp: 635258

Ion Ratio Lower Upper

188 100

94 9.4 8.5 12.7

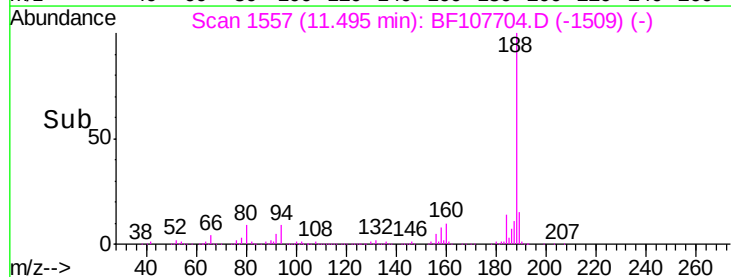
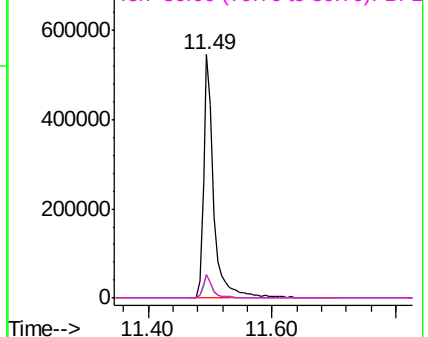
80 9.5 9.2 13.8

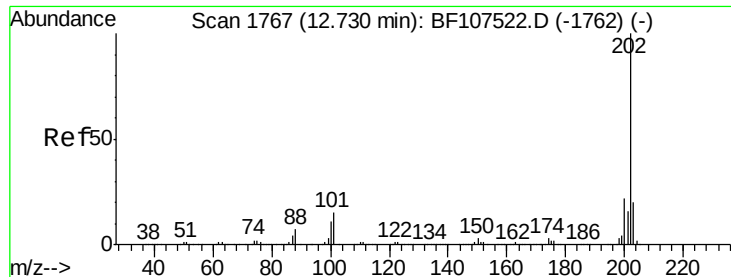


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#74

Fluoranthene

Concen: 2.246 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

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BNA_F

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LA-SOIL-2

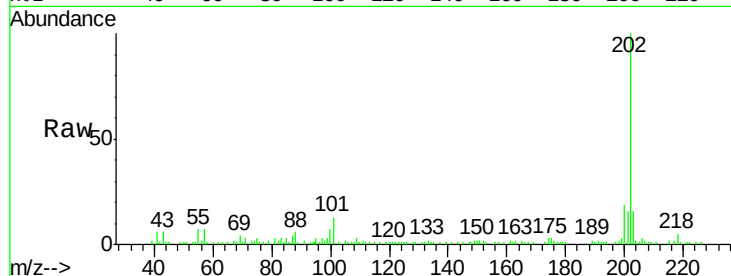
Tgt Ion:202 Resp: 74624

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

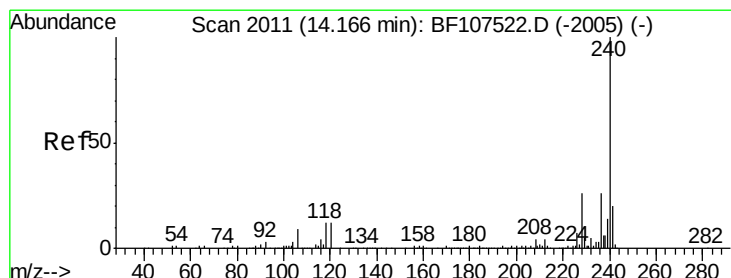
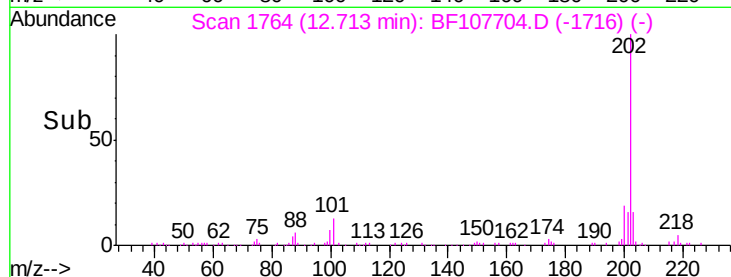
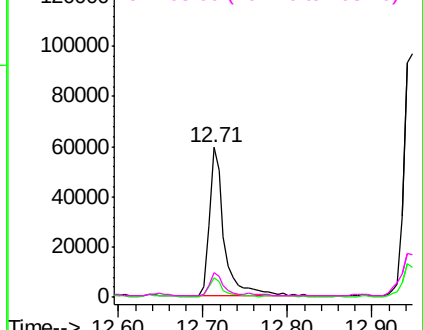
203 16.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

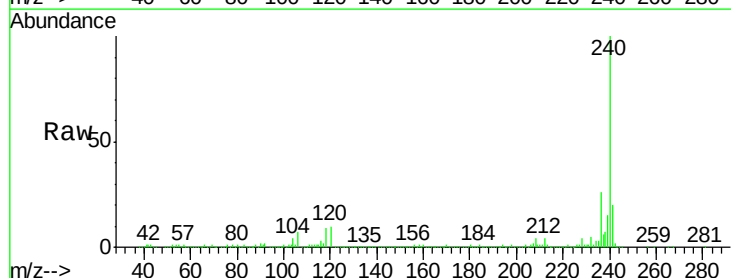
Tgt Ion:240 Resp: 385686

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

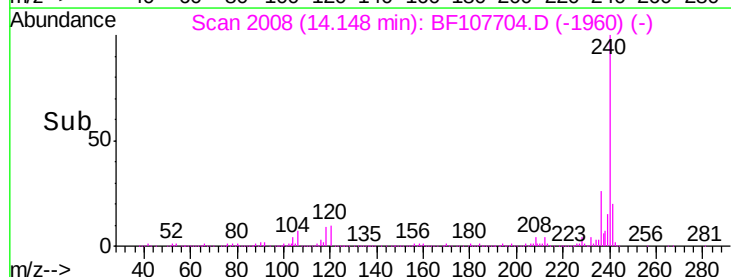
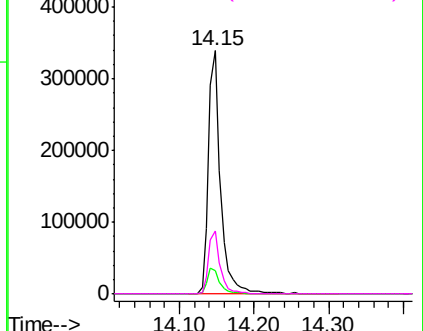
236 25.9 20.7 31.1

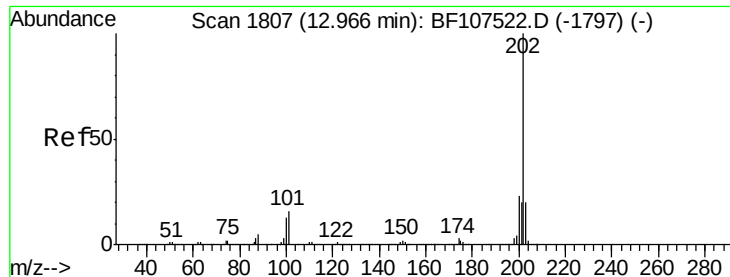


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

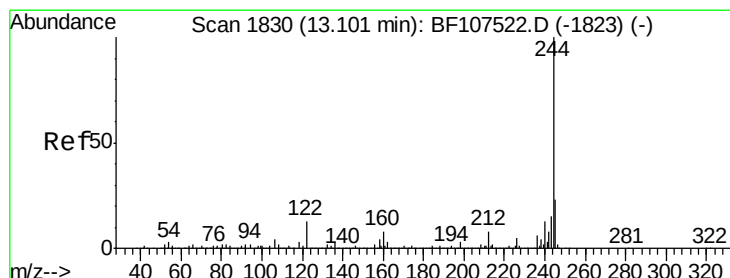
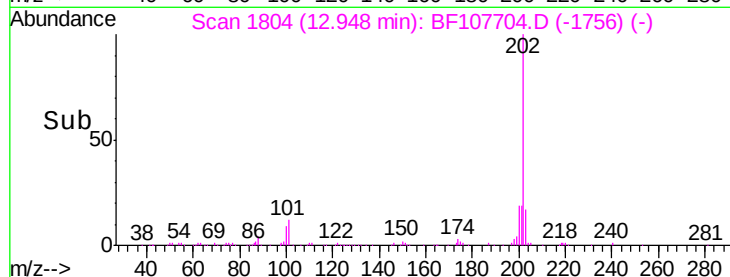
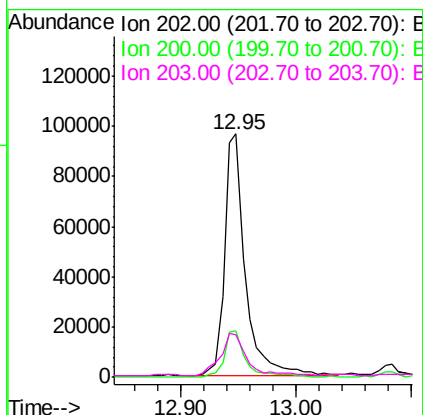
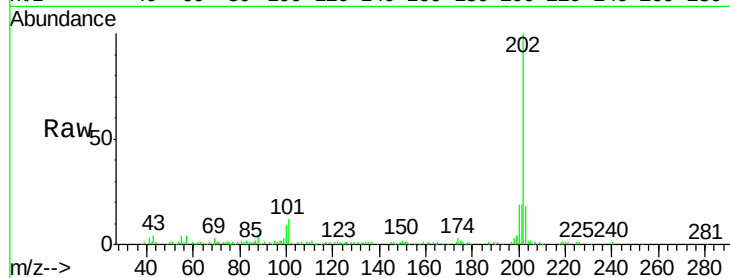




#77
 Pyrene
 Concen: 4.606 ng
 RT: 12.95 min Scan# 1804
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

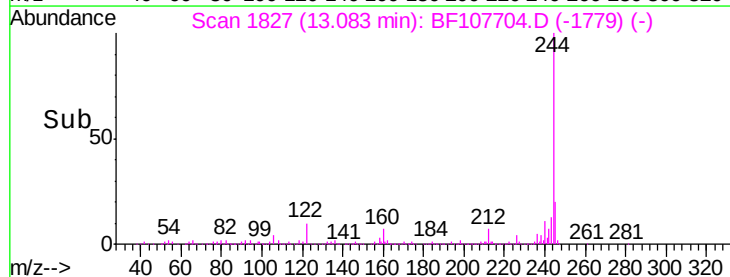
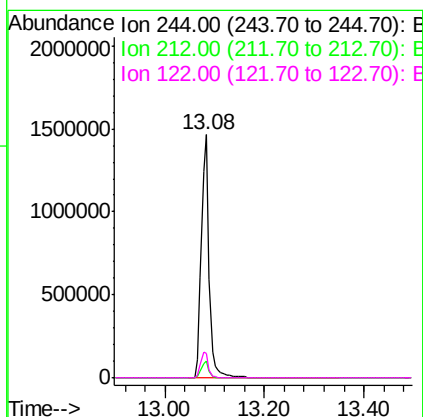
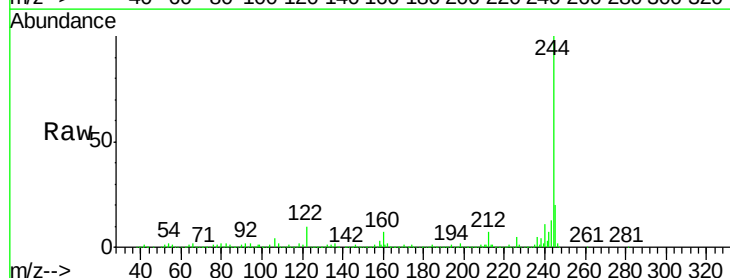
Instrument :
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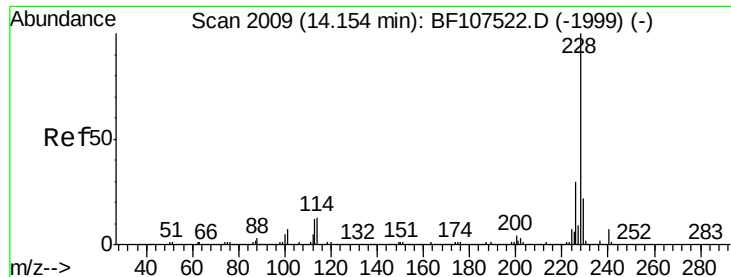
Tgt Ion: 202 Resp: 121513
 Ion Ratio Lower Upper
 202 100
 200 19.0 17.4 26.2
 203 17.6 14.3 21.5



#78
 Terphenyl-d14
 Concen: 105.470 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107704.D
 Acq: 26 Jul 2018 17:17

Tgt Ion: 244 Resp: 1588945
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 10.3 11.0 16.4





#80

Benzo(a)anthracene

Concen: 2.189 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

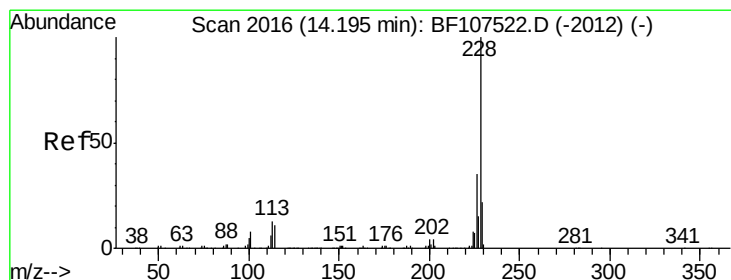
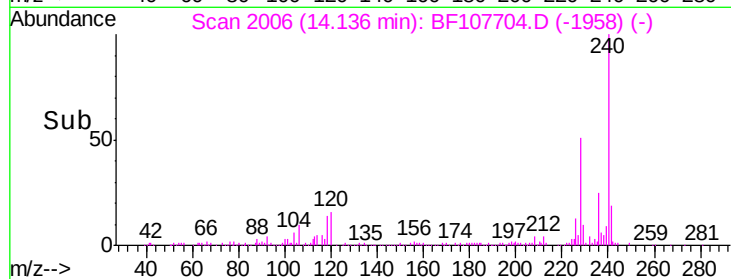
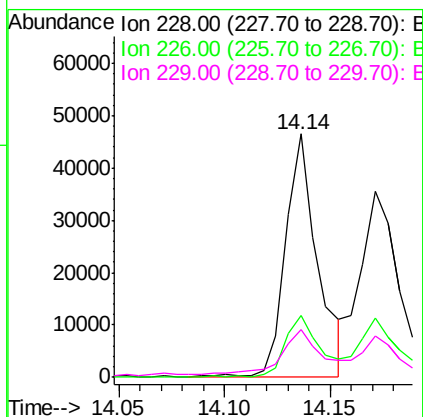
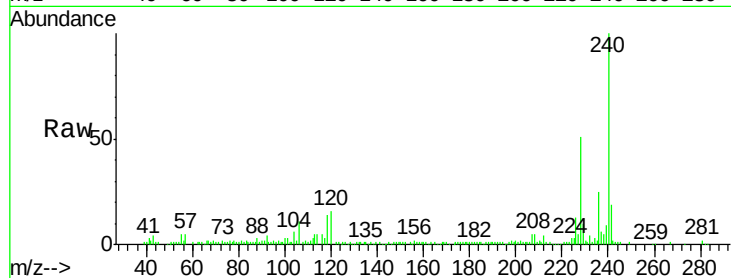
Instrument :

BNA_F

ClientSampleId :

LA-SOIL-2

Tgt Ion:	228	Resp:	49484
Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.6	33.8
229	19.7	15.8	23.6



#82

Chrysene

Concen: 2.207 ng

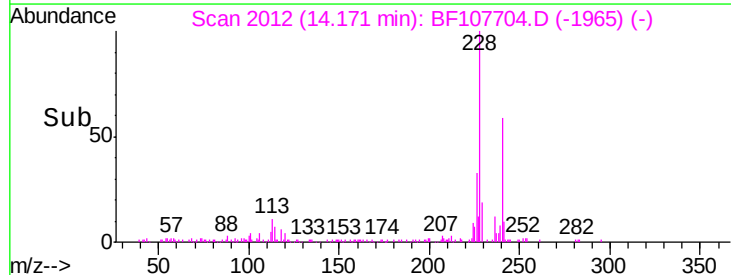
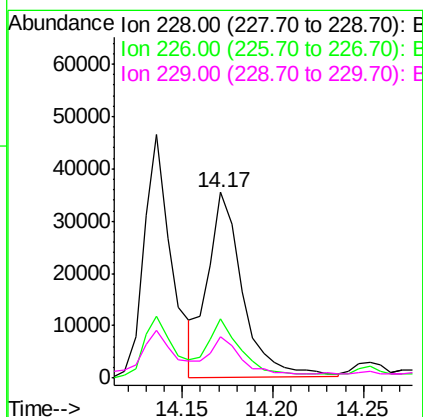
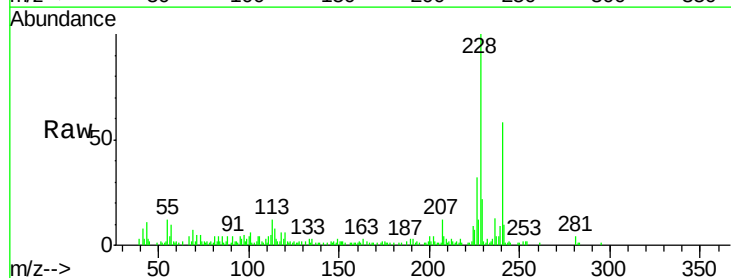
RT: 14.17 min Scan# 2012

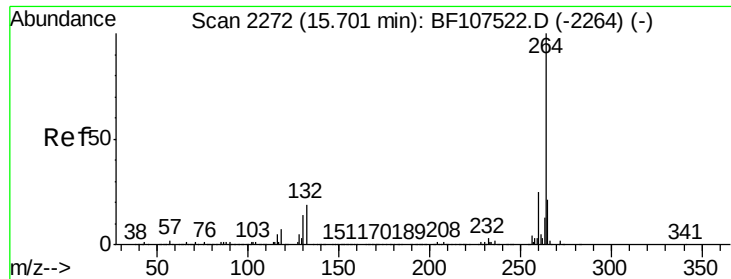
Delta R.T. -0.02 min

Lab File: BF107704.D

Acq: 26 Jul 2018 17:17

Tgt Ion:	228	Resp:	47917
Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.0	37.6
229	22.1	16.2	24.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF107704.D
Acq: 26 Jul 2018 17:17

Instrument :
BNA_F
ClientSampleId :
LA-SOIL-2

Tgt Ion: 264 Resp: 436490
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.4 17.5 26.3

