

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112011.D
 Acq On : 11 Jan 2019 13:25
 Operator : JU/SJ
 Sample : K1118-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TESTPIT-SOIL-1

Manual Integrations
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 1/14/2019 4:10:11 PM

Quant Time: Jan 11 21:42:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	128623	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	494401	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	247619	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	441199	20.00	ng	0.00
76) Chrysene-d12	14.04	240	327390	20.00	ng	0.00
87) Perylene-d12	15.52	264	330656	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	757704	100.78	ng	0.00
7) Phenol-d6	6.52	99	1000239	103.22	ng	0.00
23) Nitrobenzene-d5	7.43	82	645255	69.75	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	303008	94.08	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1132366	66.68	ng	0.00
79) Terphenyl-d14	12.98	244	1012460	58.70	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	292761	15.739	ng	100
71) Phenanthrene	11.42	178	134400	5.698	ng	97
75) Fluoranthene	12.61	202	202448	8.360	ng	100
78) Pyrene	12.84	202	173327	7.694	ng	98
81) Benzo(a)anthracene	14.03	228	86394	4.585	ng	97
83) Chrysene	14.06	228	79390	4.419	ng	96
86) Indeno(1,2,3-cd)pyrene	17.00	276	44080	3.366	ng	94
88) Benzo(b)fluoranthene	15.08	252	109010m	5.511	ng	
90) Benzo(a)pyrene	15.45	252	76792	4.415	ng	96
92) Benzo(g,h,i)perylene	17.44	276	39929	2.918	ng	99

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

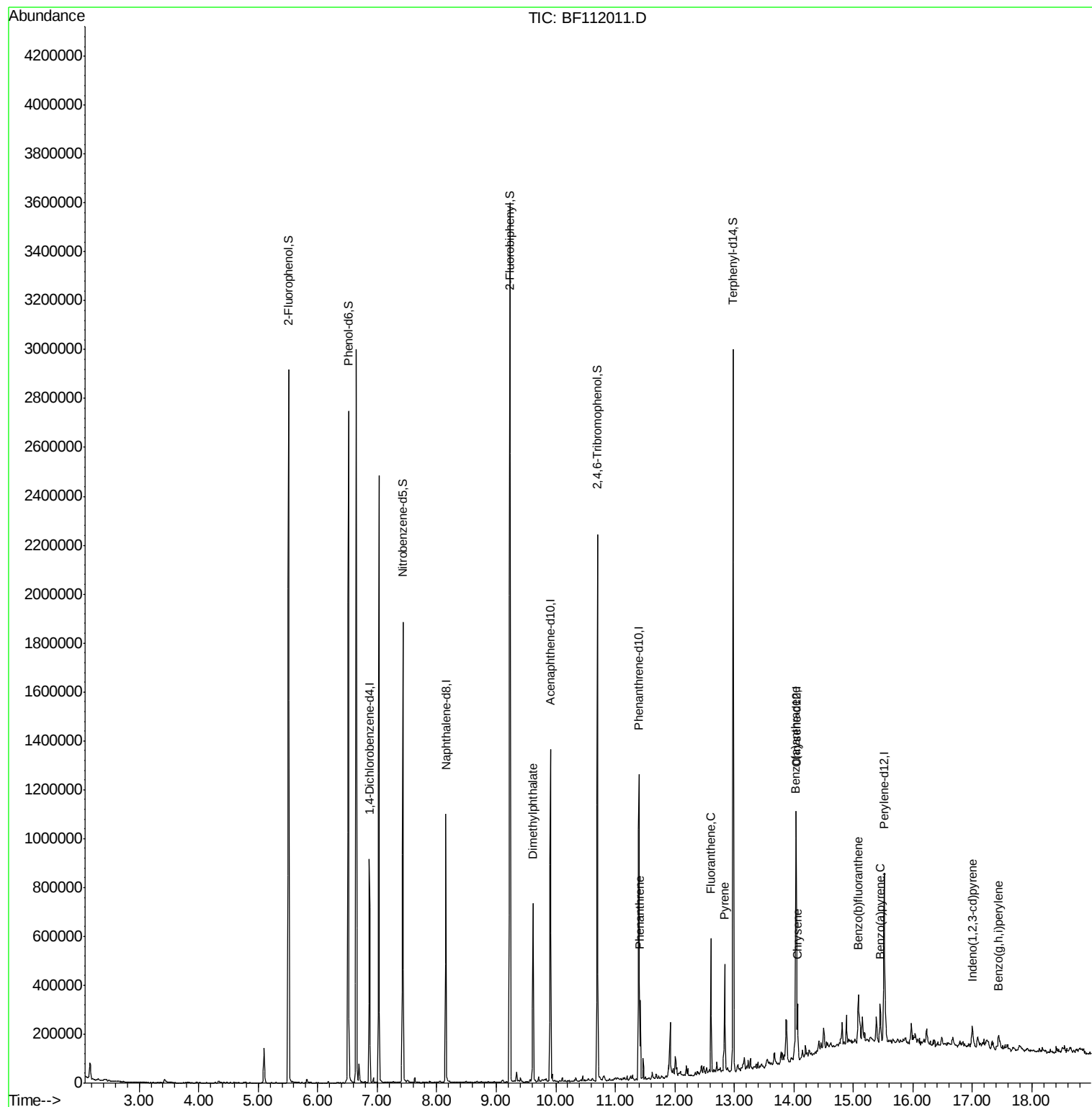
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
Data File : BF112011.D
Acq On : 11 Jan 2019 13:25
Operator : JU/SJ
Sample : K1118-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

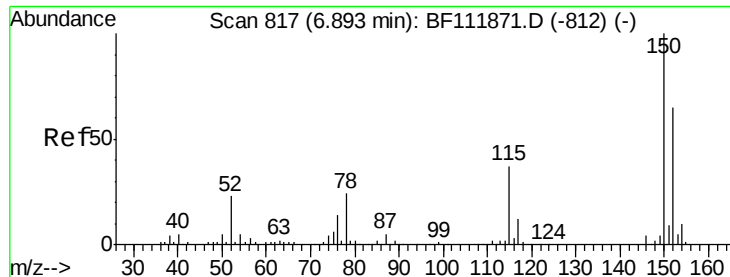
Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Manual Integrations
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Quant Time: Jan 11 21:42:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration





#1

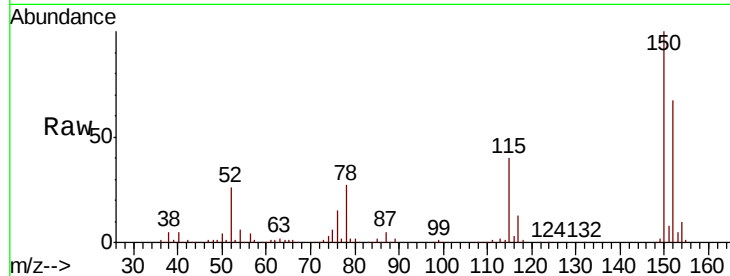
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.7	184.1
115	59.2	45.2	67.8

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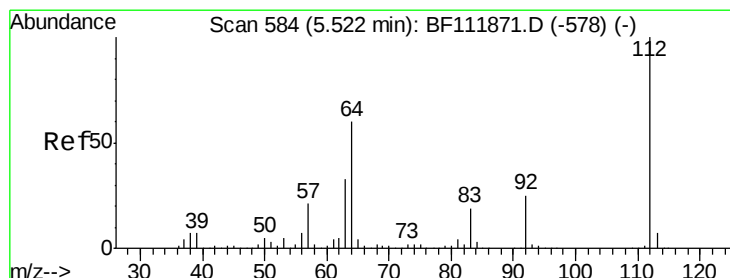
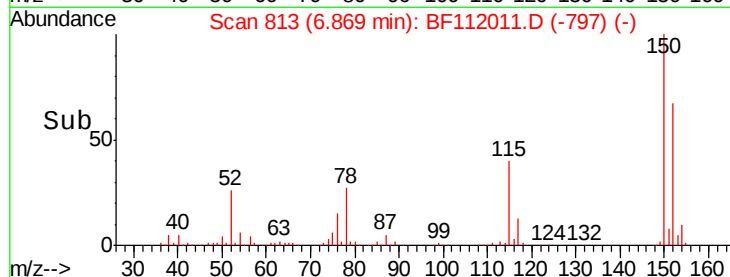
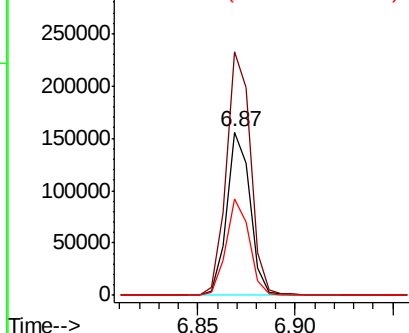


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

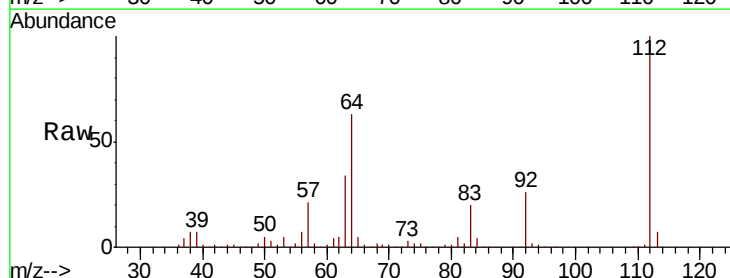
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.782 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	48.3	72.5
63	34.1	26.1	39.1

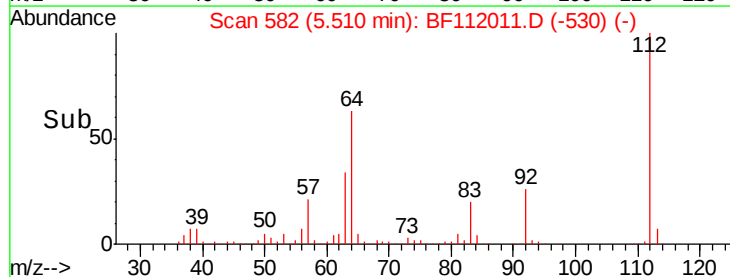
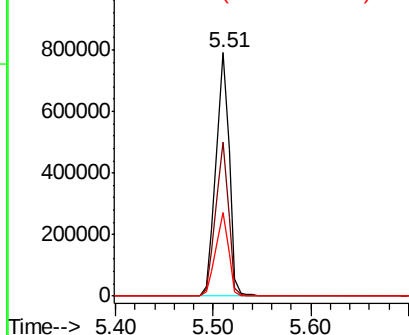


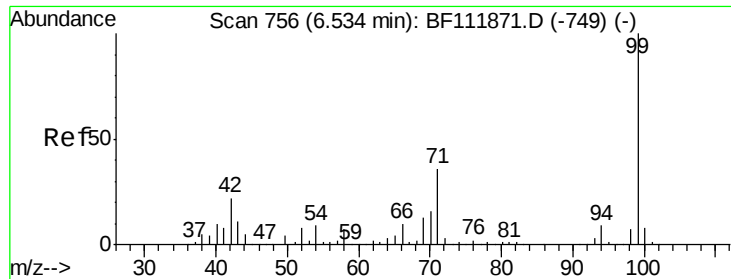
Abundance

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: 103.223 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112011.D

Acq: 11 Jan 2019 13:25

Instrument :

BNA_F

ClientSampleId :

TESTPIT-SOIL-1

Tot Ion: 99 Resp: 1000239

Ion Ratio Lower Upper

99 100

42 21.3 17.9 26.9

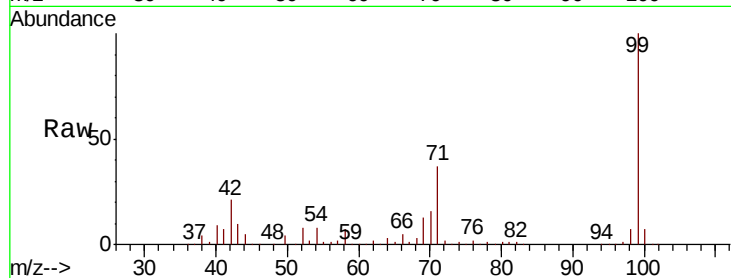
71 36.7 28.7 43.1

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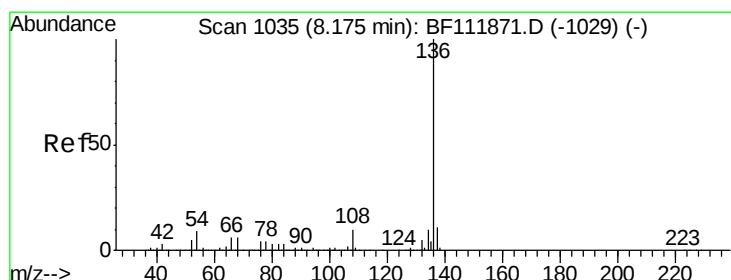
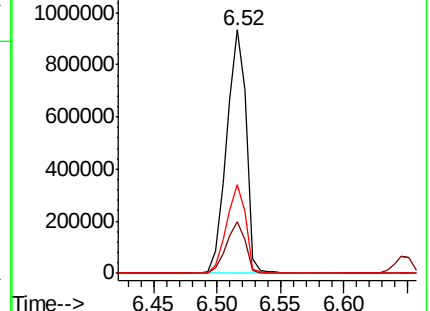
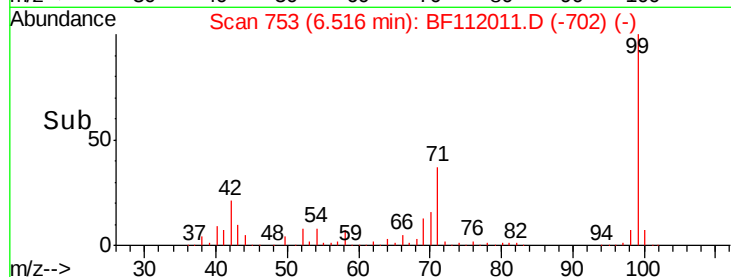
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112011.D

Acq: 11 Jan 2019 13:25

Tgt Ion: 136 Resp: 494401

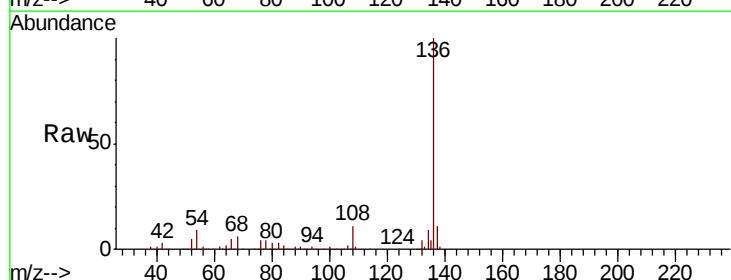
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.5 7.2 10.8

68 5.5 4.4 6.6

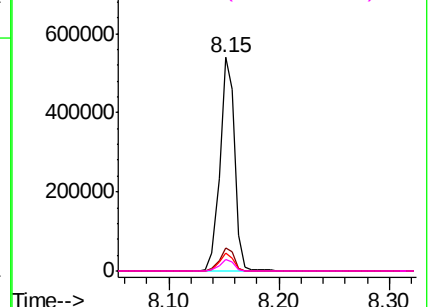
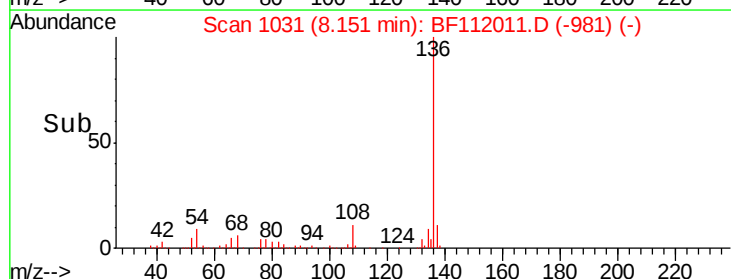


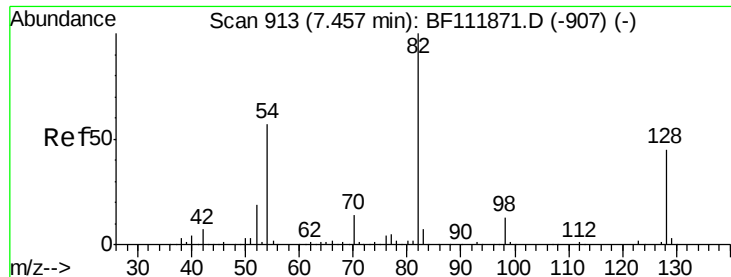
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





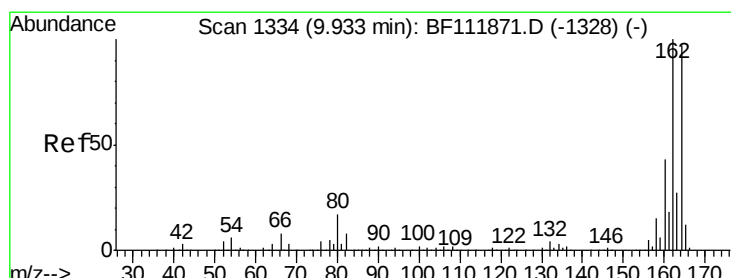
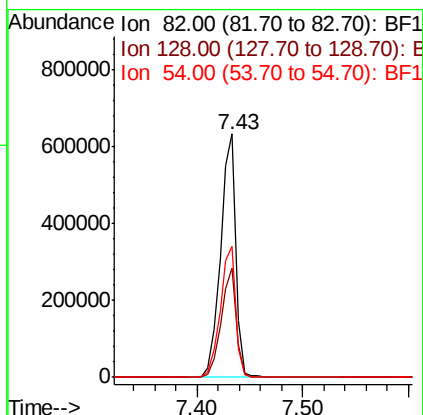
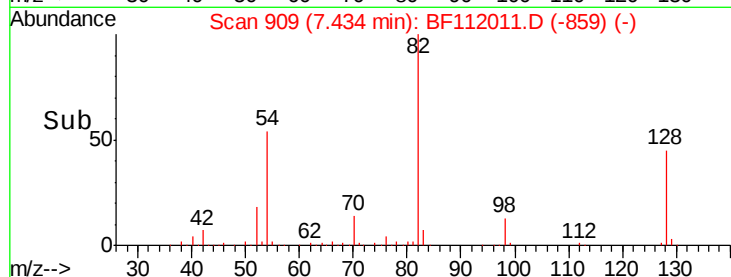
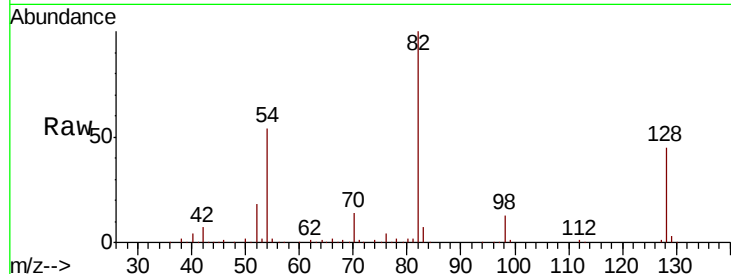
#23
Nitrobenzene-d5
Concen: 69.753 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	53.7	45.8	68.8

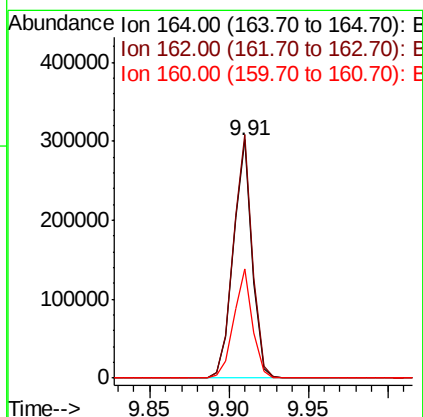
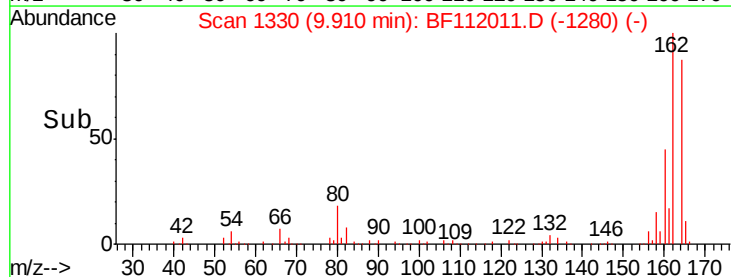
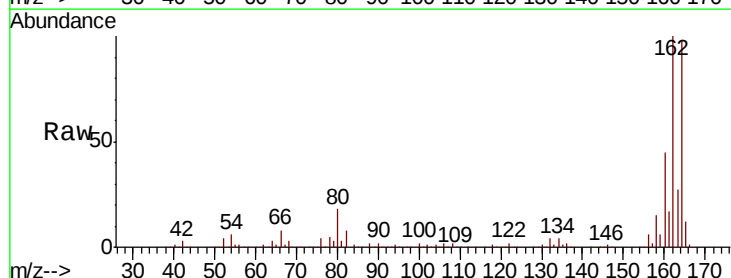
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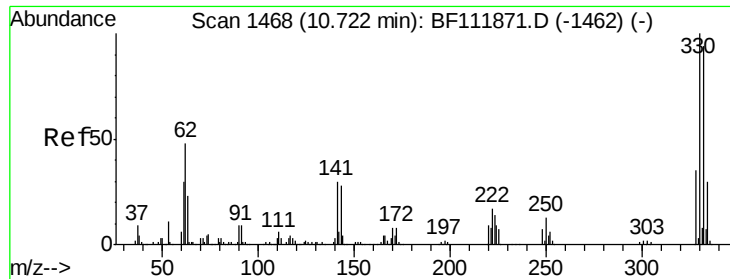
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.2
160	46.0	35.5	53.3





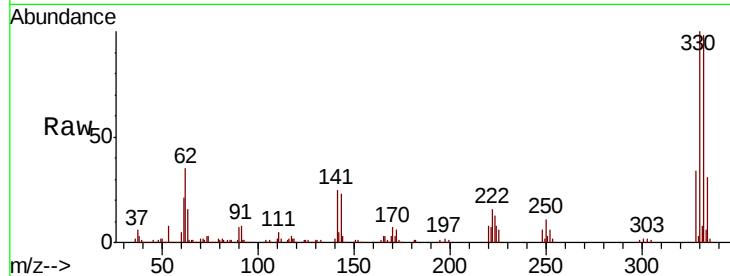
#42
 2,4,6-Tribromophenol
 Concen: 94.079 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF112011.D
 Acq: 11 Jan 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TESTPIT-SOIL-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	303008		
332	96.4	76.9	115.3	
141	30.5	23.7	35.5	

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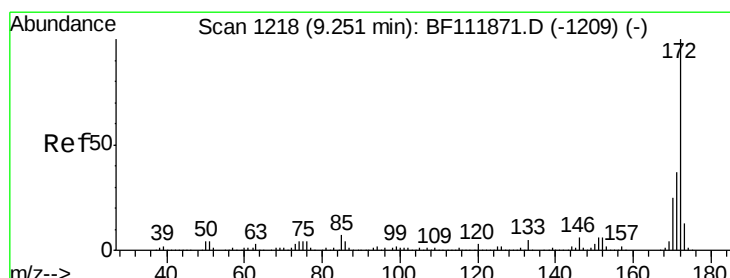
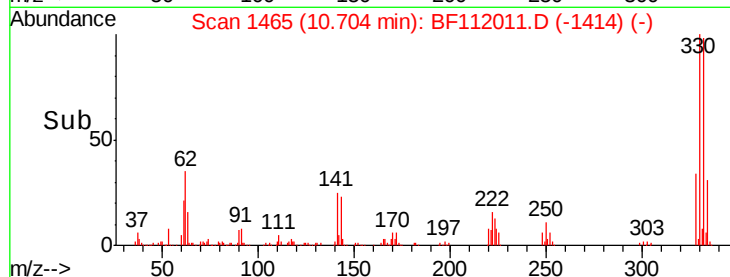
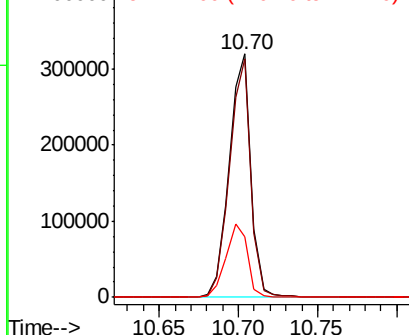


Abundance

Ion 329.80 (329.50 to 330.50): E

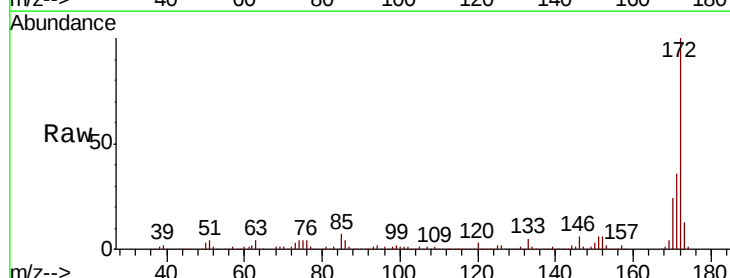
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.684 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112011.D
 Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1132366		
171	36.3	29.6	44.4	
170	24.1	19.8	29.8	

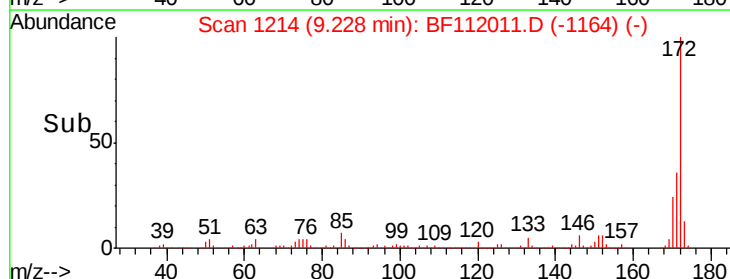
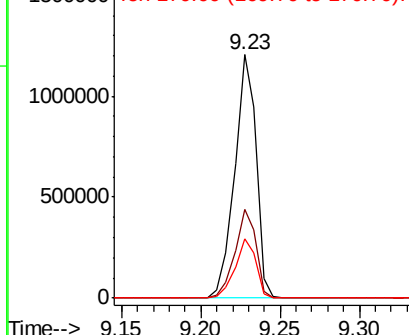


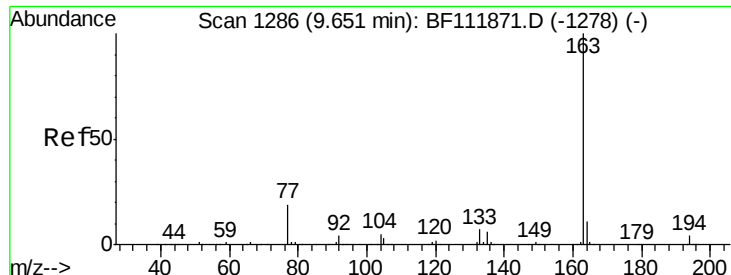
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





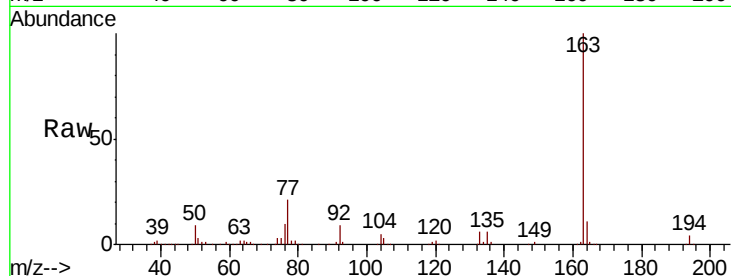
#50
Dimethylphthalate
Concen: 15.739 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

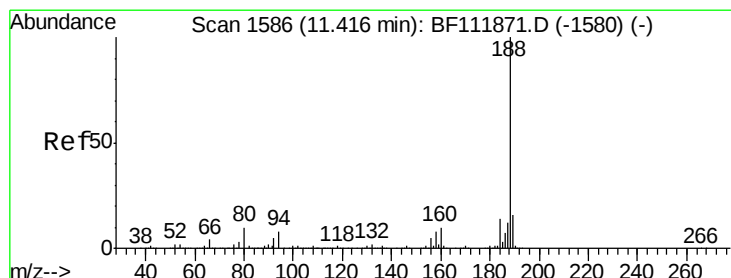
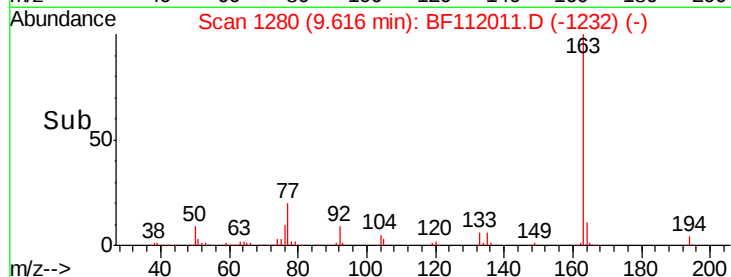
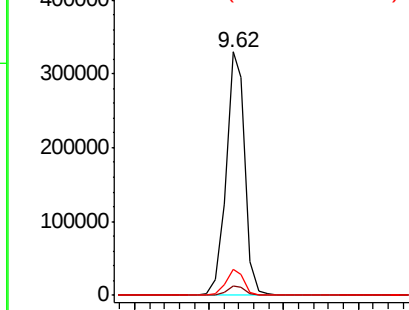
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.5	8.5	12.7

Manual Integrations
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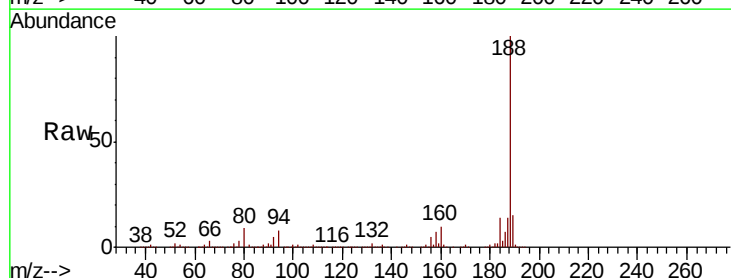


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

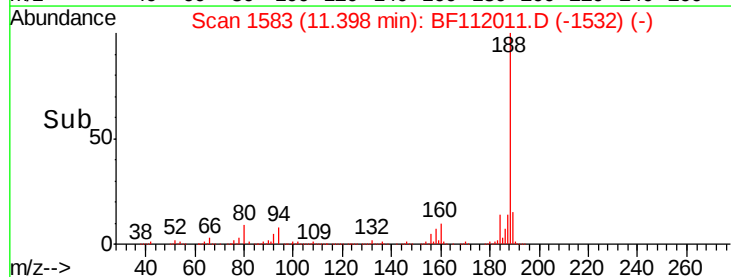
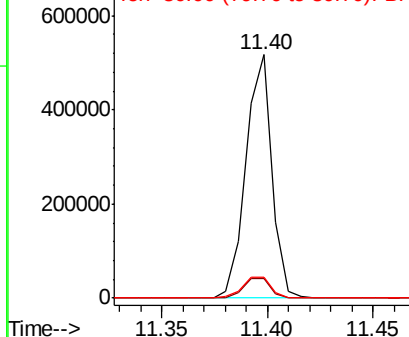


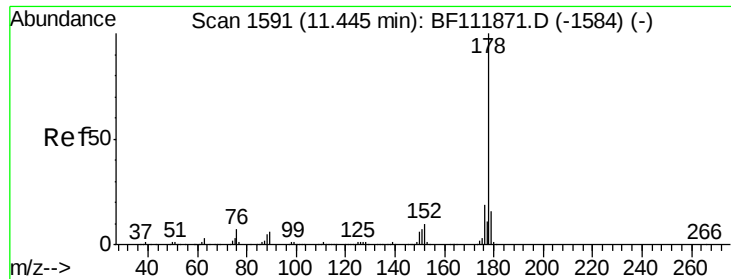
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.6	10.0
80	8.5	7.7	11.5



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





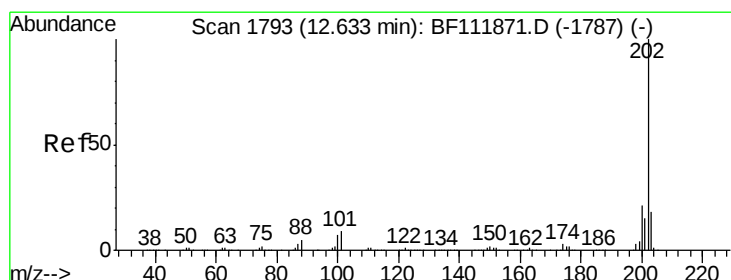
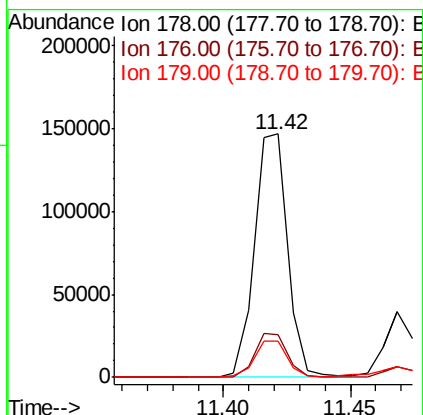
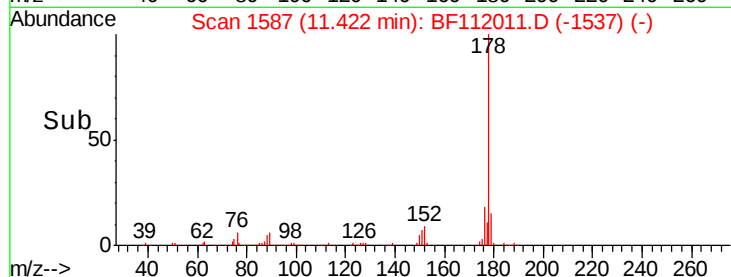
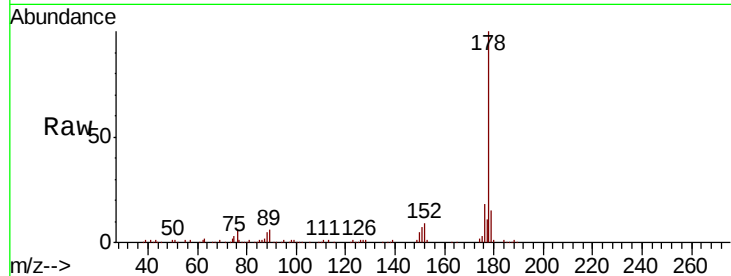
#71
Phenanthrene
Concen: 5.698 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.6	23.4
179	14.8	12.6	18.8

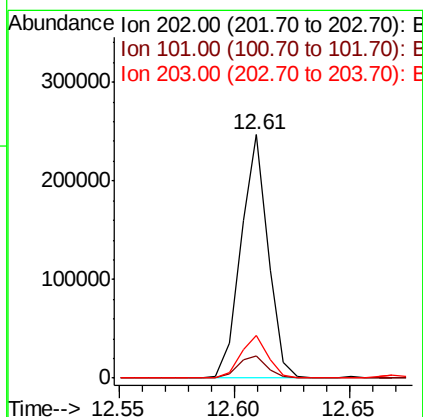
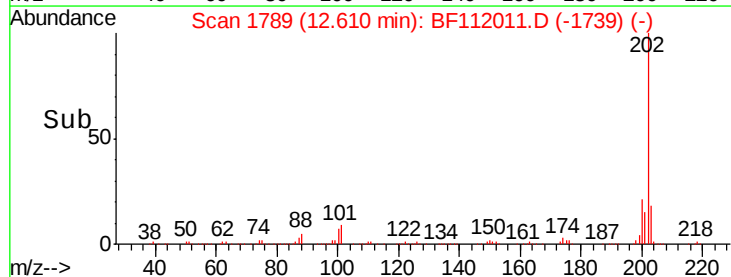
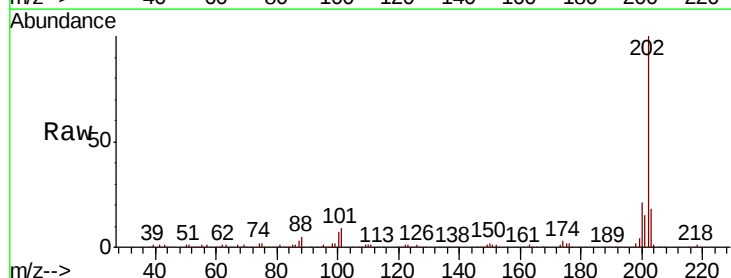
Manual Integrations
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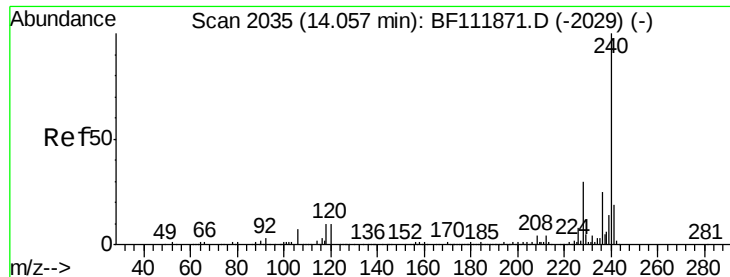
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#75
Fluoranthene
Concen: 8.360 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.3
203	17.5	0.0	37.6





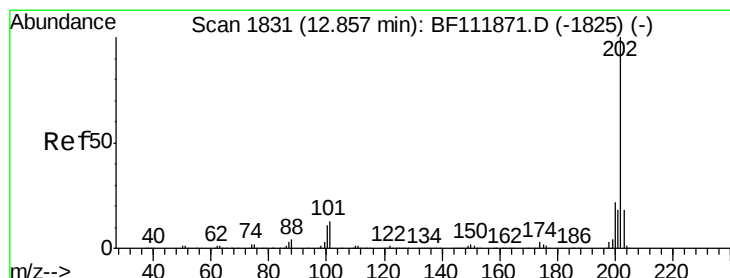
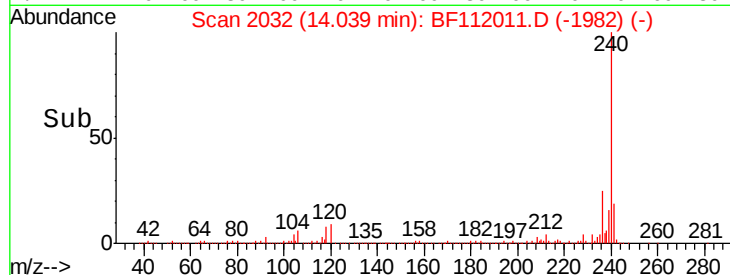
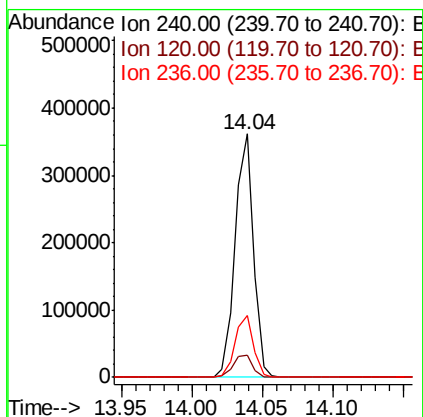
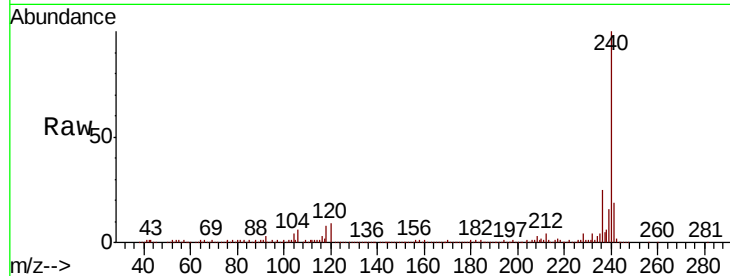
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	25.5	20.2	30.4

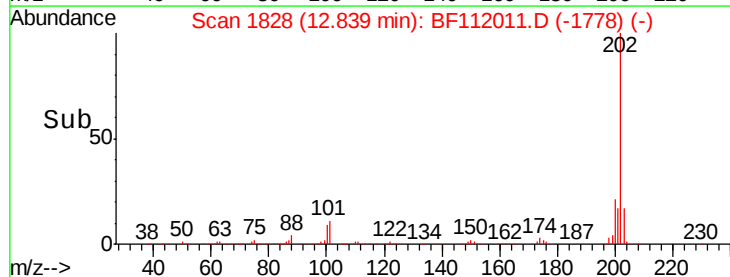
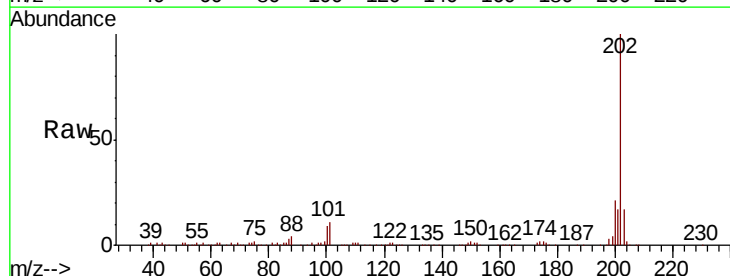
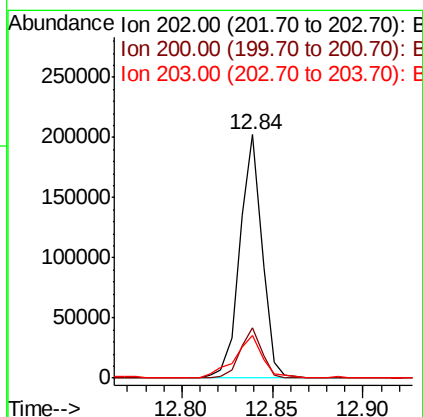
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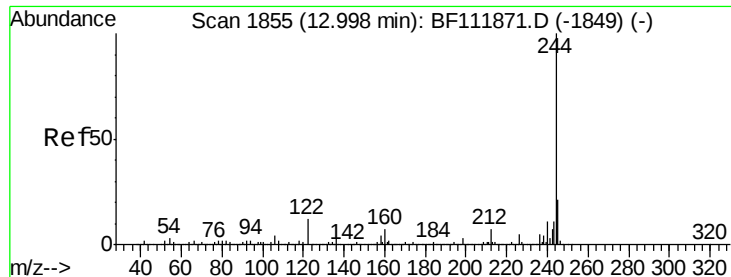
Sohil
1/14/2019 4:10:11 PM



#78
Pyrene
Concen: 7.694 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.4	14.6	21.8





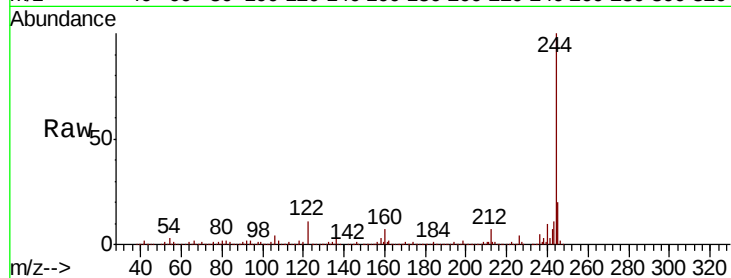
#79
 Terphenyl-d14
 Concen: 58.703 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF112011.D
 Acq: 11 Jan 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.1	9.5	14.3

Manual Integrations
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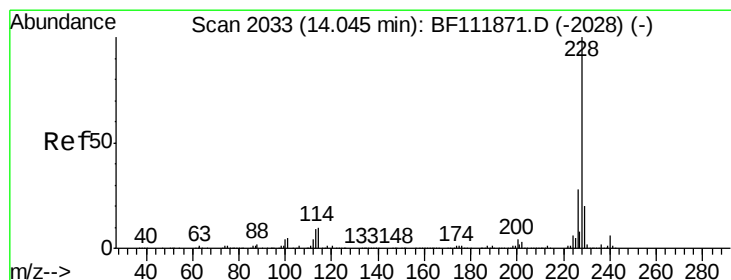
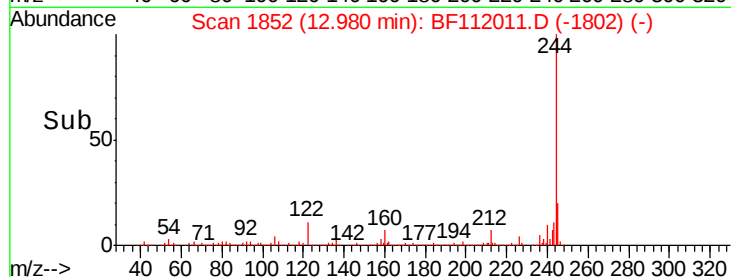
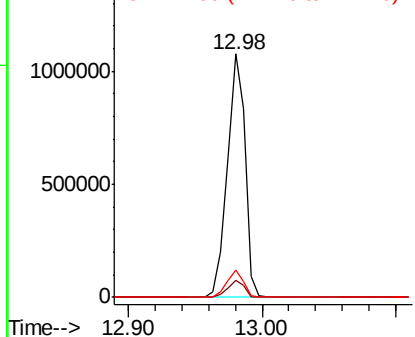


Abundance

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



#81
 Benzo(a)anthracene
 Concen: 4.585 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF112011.D
 Acq: 11 Jan 2019 13:25

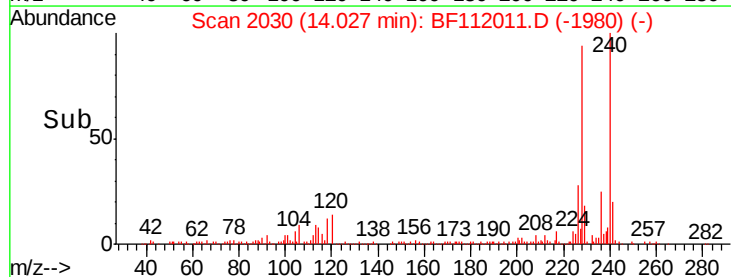
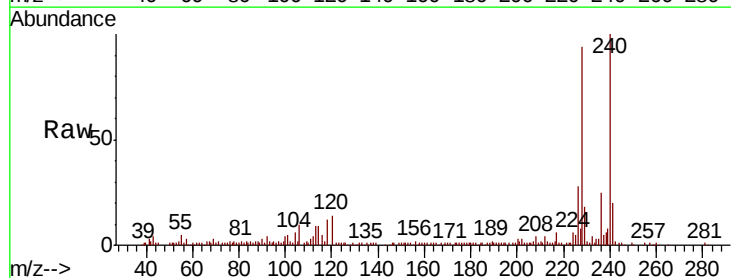
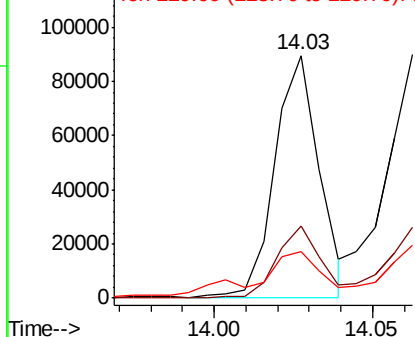
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.2
229	19.0	16.2	24.2

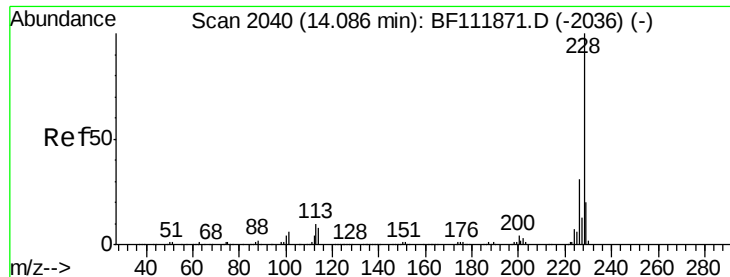
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 4.419 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF112011.D

Acq: 11 Jan 2019 13:25

Instrument :

BNA_F

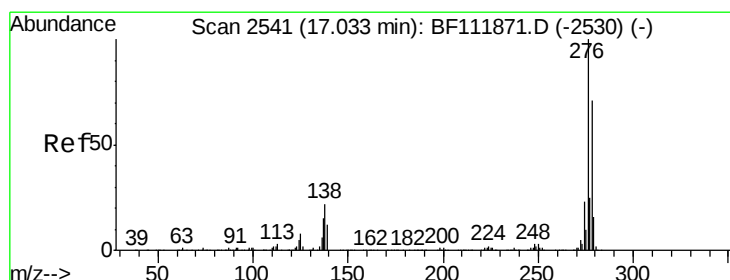
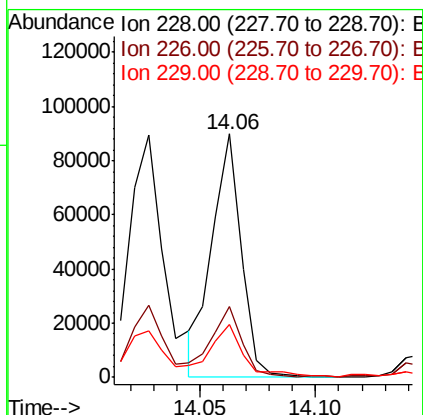
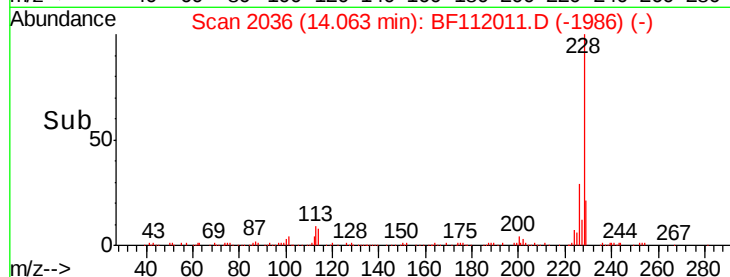
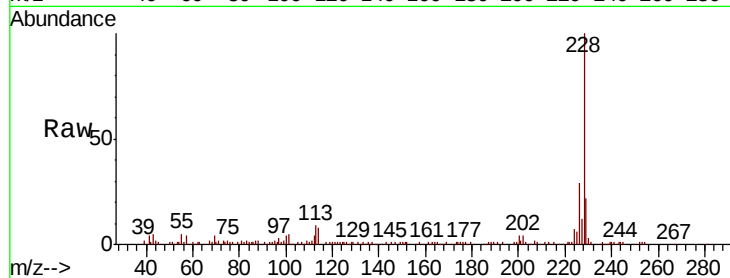
ClientSampleId :

TESTPIT-SOIL-1

Tot Ion:	228	Resp:	79390
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	22.0	15.7	23.5

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 3.366 ng

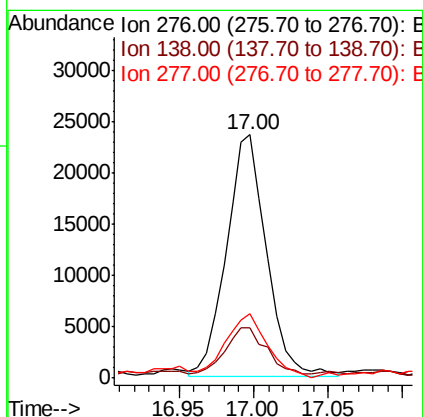
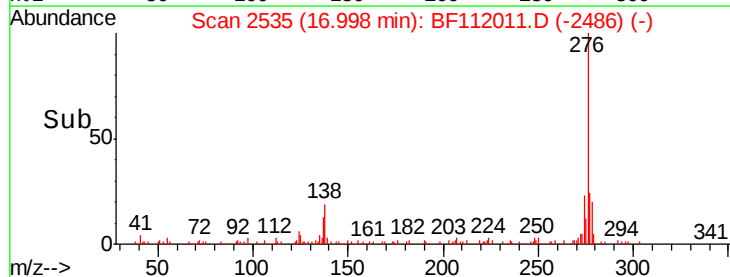
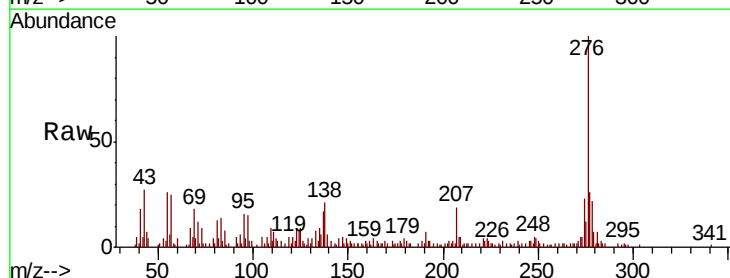
RT: 17.00 min Scan# 2535

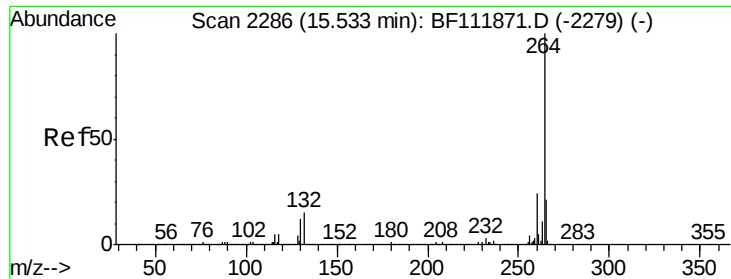
Delta R.T. -0.01 min

Lab File: BF112011.D

Acq: 11 Jan 2019 13:25

Tgt Ion:	276	Resp:	44080
Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.1	27.1
277	27.7	19.9	29.9





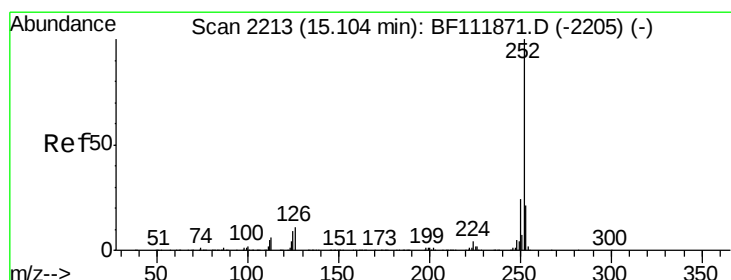
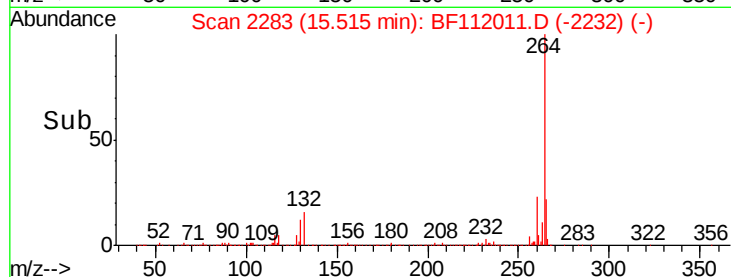
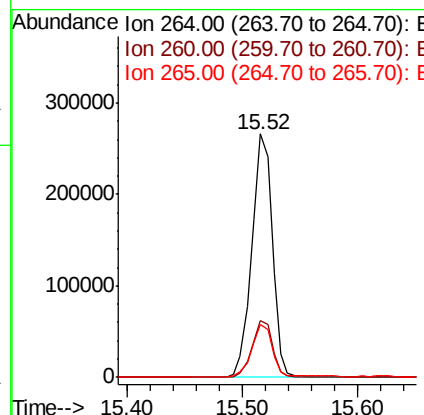
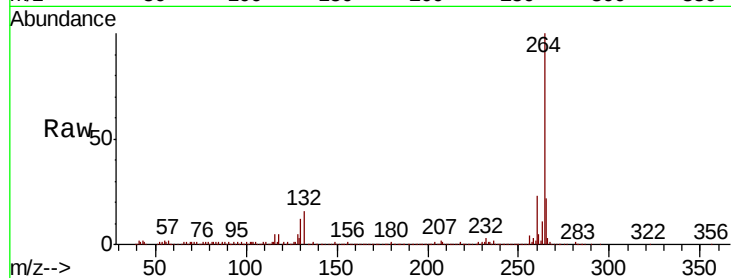
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.9	17.1	25.7

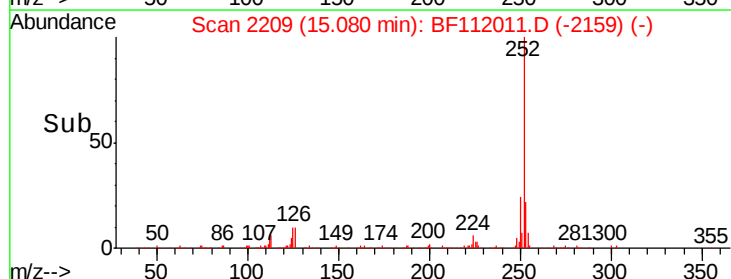
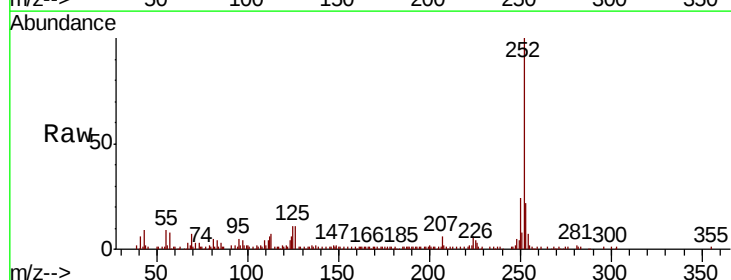
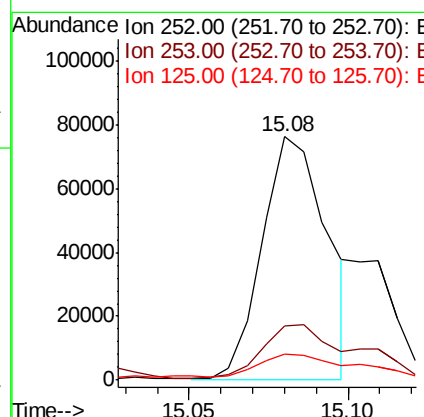
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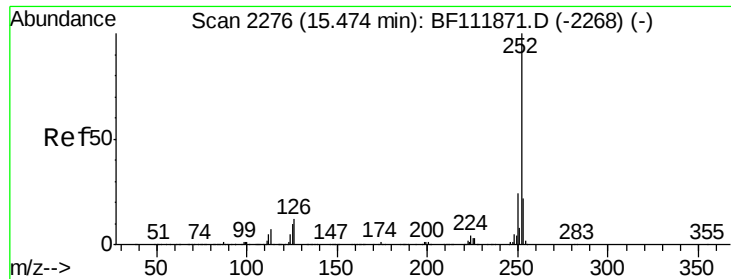
Sohil
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#88
Benzo(b)fluoranthene
Concen: 5.511 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.9	7.1	10.7#





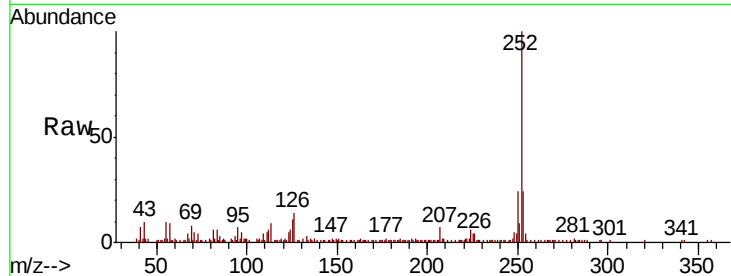
#90
Benzo(a)pyrene
Concen: 4.415 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TESTPIT-SOIL-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	11.3	7.9	11.9

Manual Integrations
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Sohil
1/14/2019 4:10:11 PM

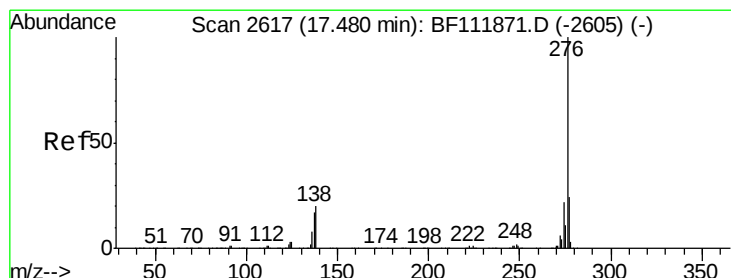
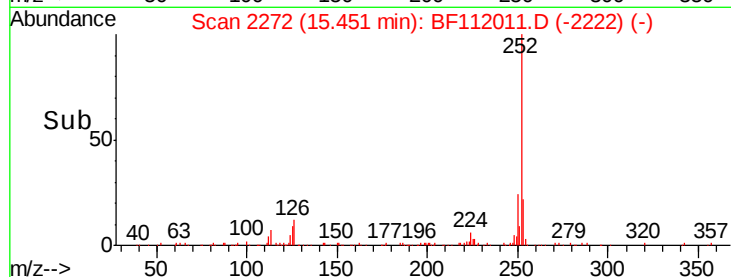
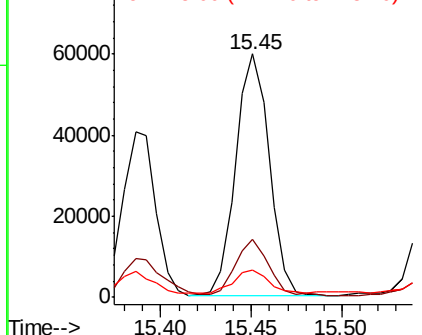


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.918 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF112011.D
Acq: 11 Jan 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.8	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

