

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110300.D
 Acq On : 30 Oct 2018 14:00
 Operator : JU/SJ
 Sample : J5724-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:14:57 AM

Quant Time: Oct 30 15:05:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120067	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	491708	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	229032	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	395868	20.00	ng	0.00
76) Chrysene-d12	14.16	240	243899	20.00	ng	0.00
87) Perylene-d12	15.69	264	217451	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	601359	81.56	ng	0.01
7) Phenol-d6	6.59	99	777406	82.43	ng	0.00
23) Nitrobenzene-d5	7.53	82	495182	59.73	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	169539	74.73	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	777302	53.29	ng	0.00
79) Terphenyl-d14	13.09	244	550423	46.93	ng	0.00
Target Compounds						
10) Phenol	6.60	94	64032	6.352	ng	Qvalue # 66
50) Dimethylphthalate	9.72	163	94331	5.580	ng	99
71) Phenanthrene	11.53	178	94958	4.584	ng	98
75) Fluoranthene	12.73	202	181146	8.617	ng	99
78) Pyrene	12.96	202	153761	8.794	ng	99
81) Benzo(a)anthracene	14.14	228	65953	4.560	ng	98
83) Chrysene	14.18	228	61471	4.475	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	28701	2.518	ng	95
88) Benzo(b)fluoranthene	15.23	252	75654m	6.025	ng	
90) Benzo(a)pyrene	15.62	252	50589	4.378	ng	98
92) Benzo(g,h,i)perylene	17.74	276	25815	2.628	ng	# 93

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

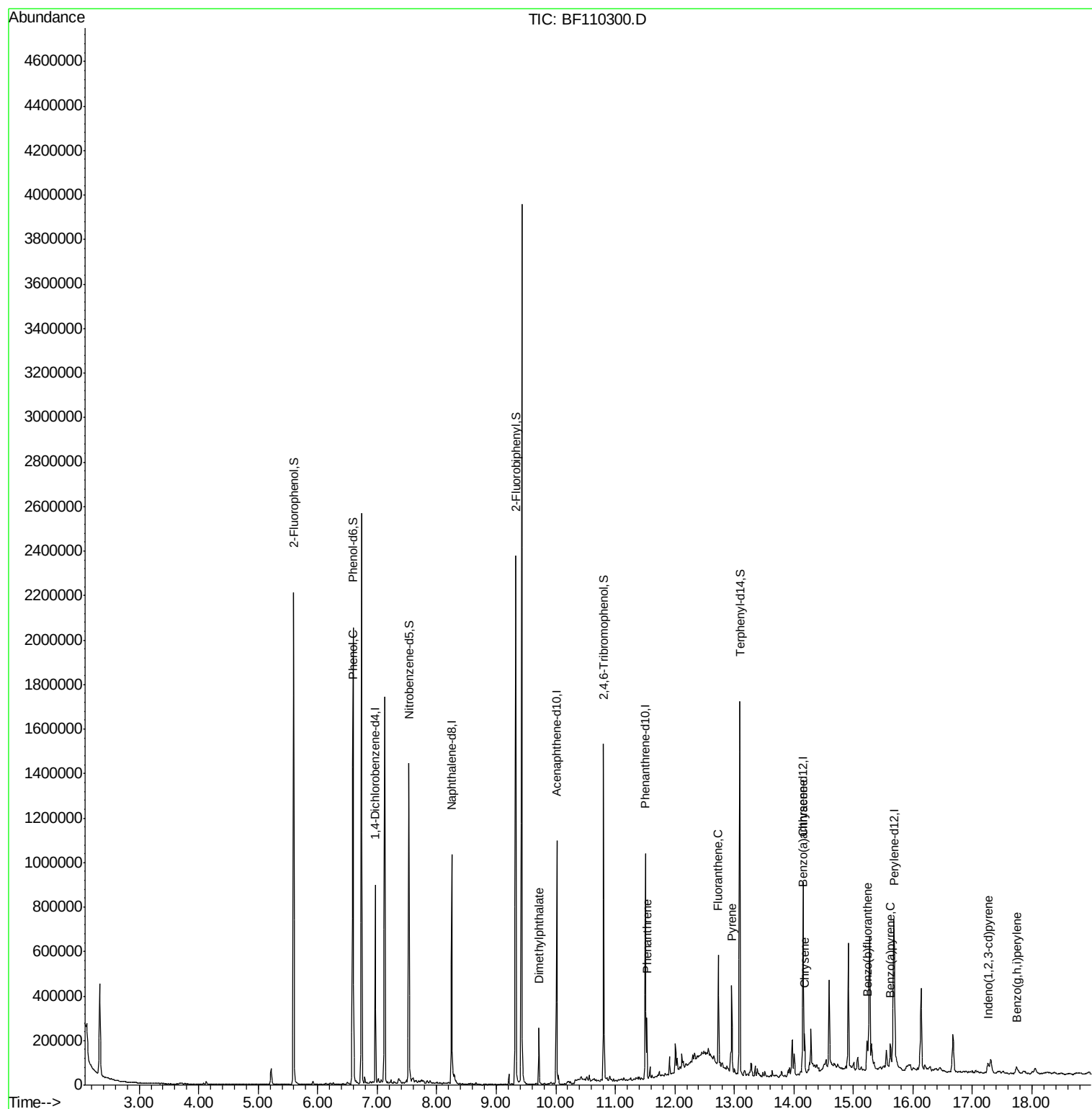
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

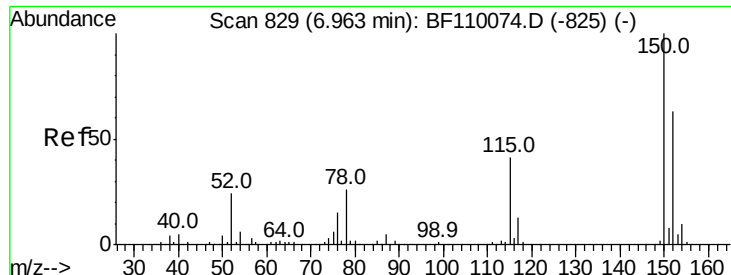
Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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#1

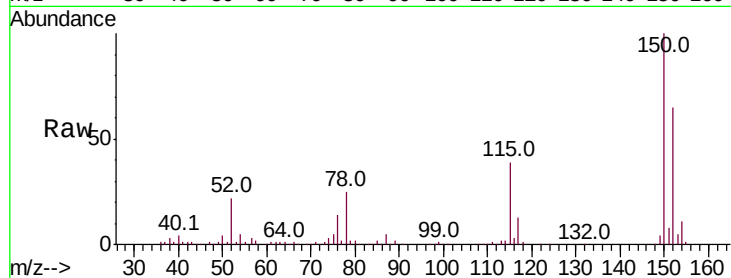
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	60.7	49.1	73.7

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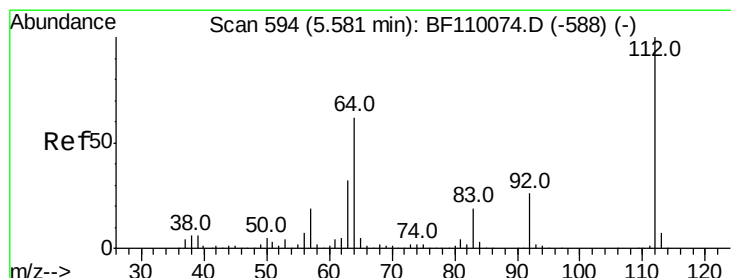
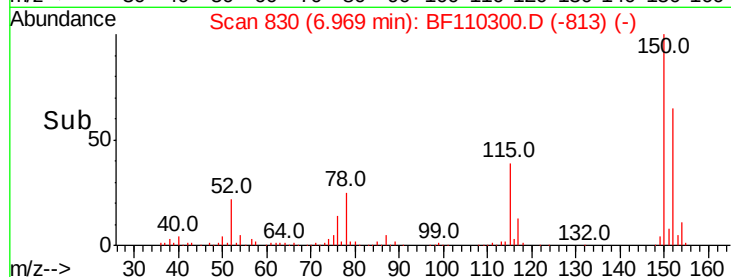
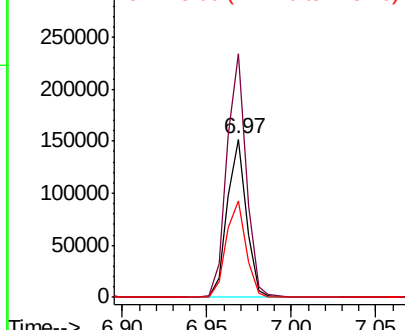


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

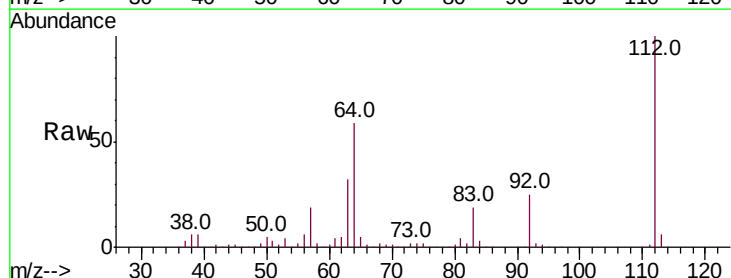
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.561 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	31.7	23.7	35.5

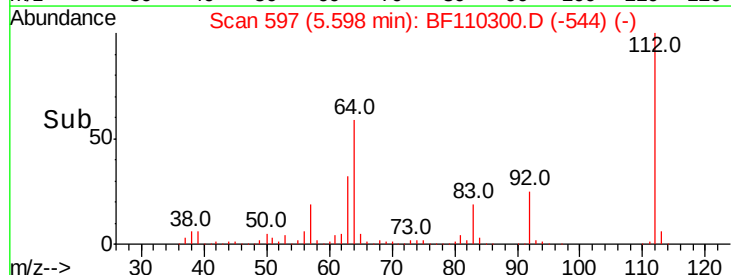
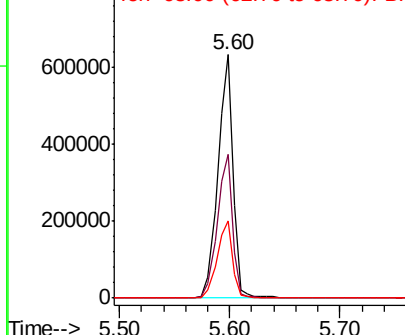


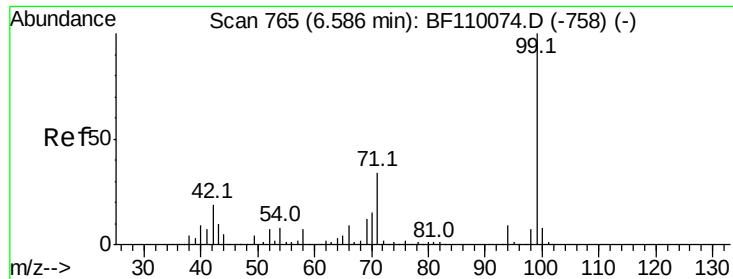
Abundance

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: 82.433 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

Instrument :

BNA_F

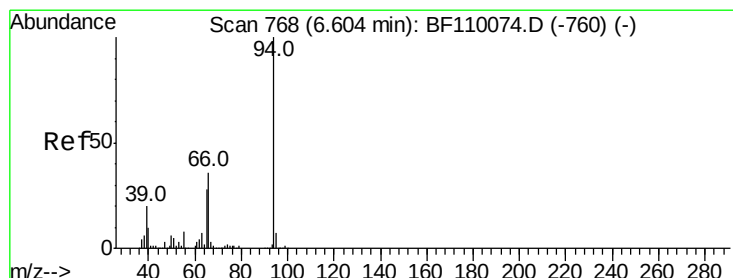
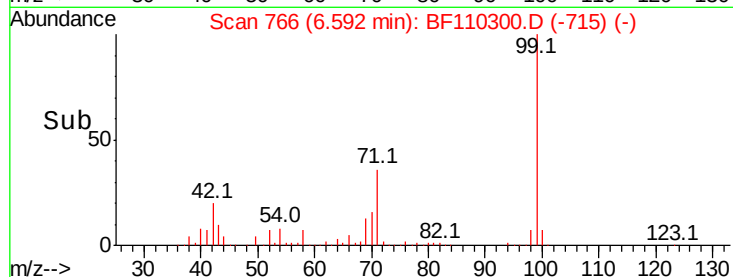
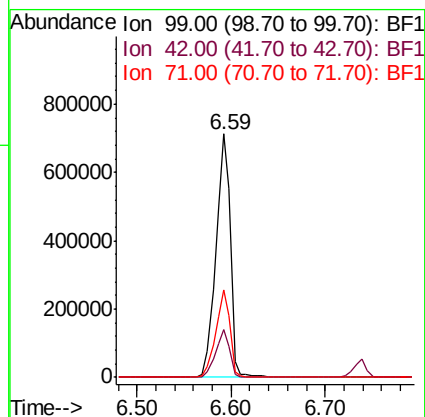
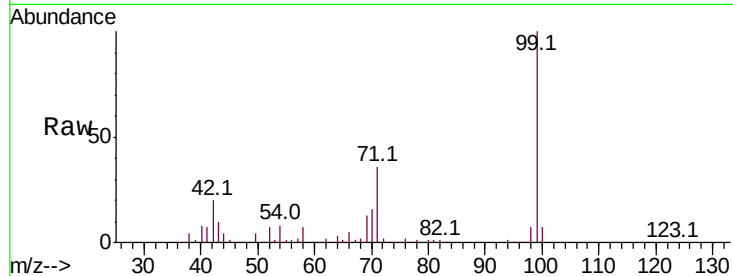
ClientSampleId :

DARK-SOIL(NEAR-BERM)

Tot Ion:	99	Resp:	777406
Ion Ratio	Lower	Upper	
99	100		
42	19.7	15.8	23.6
71	35.9	28.0	42.0

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#10

Phenol

Concen: 6.352 ng

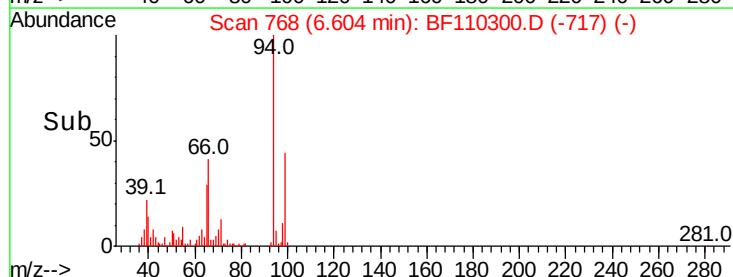
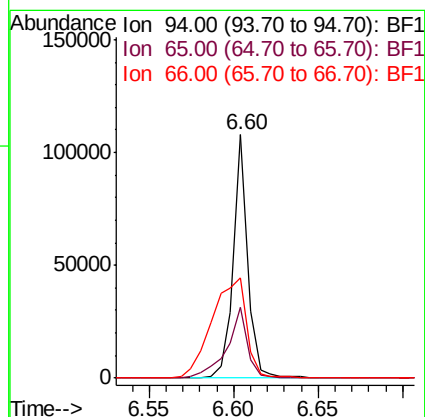
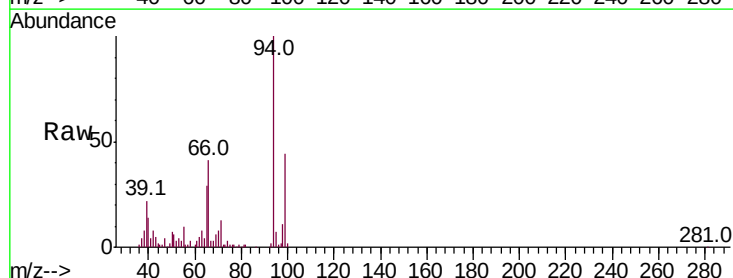
RT: 6.60 min Scan# 768

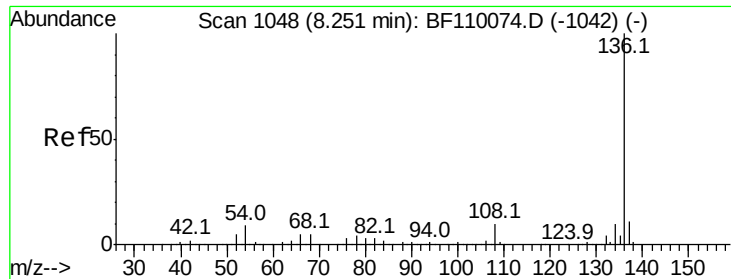
Delta R.T. -0.00 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

Tgt Ion:	94	Resp:	64032
Ion Ratio	Lower	Upper	
94	100		
65	28.9	25.3	65.3
66	41.3	54.5	94.5#





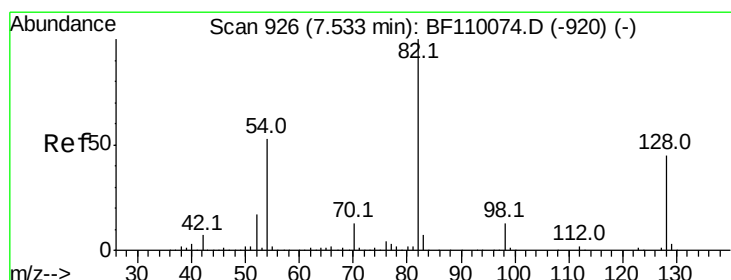
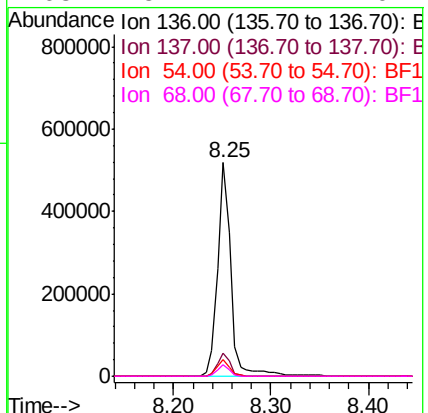
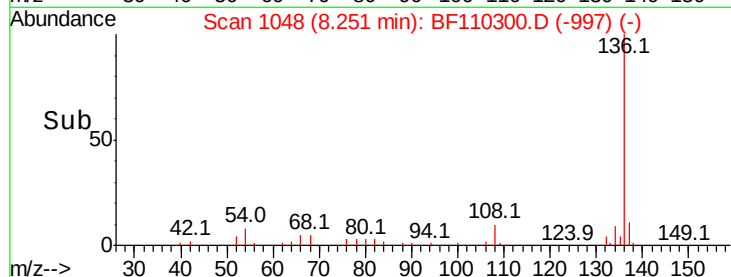
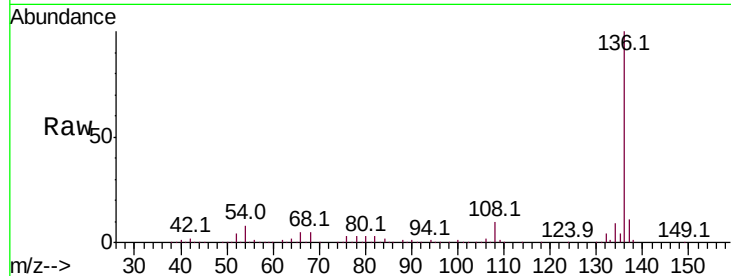
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	491708		
137	10.9		8.8	13.2
54	7.9		5.4	8.2
68	5.2		4.2	6.2

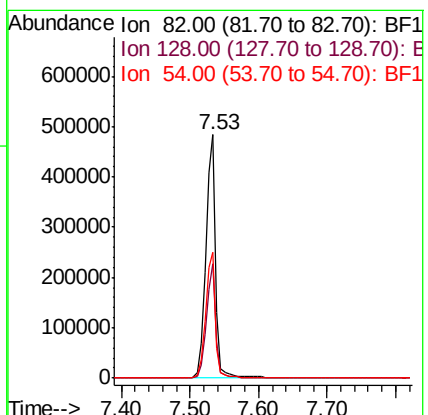
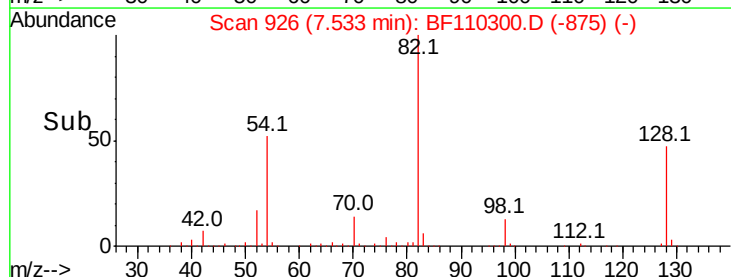
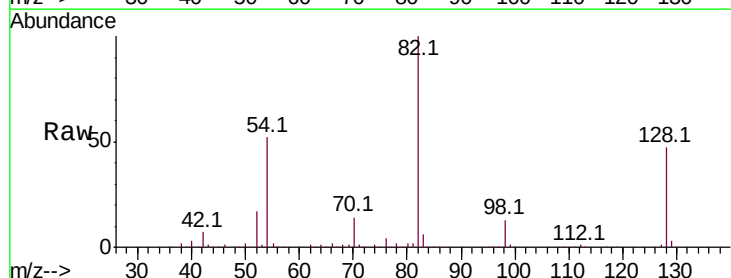
Manual Integrations
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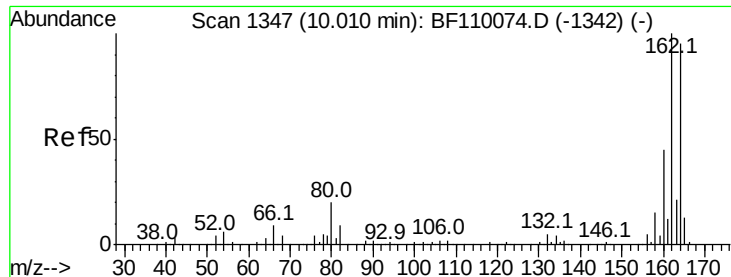
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#23
Nitrobenzene-d5
Concen: 59.732 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	495182		
128	47.0		34.2	51.2
54	51.7		38.6	58.0





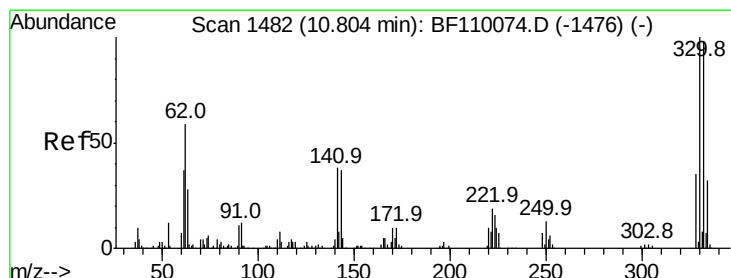
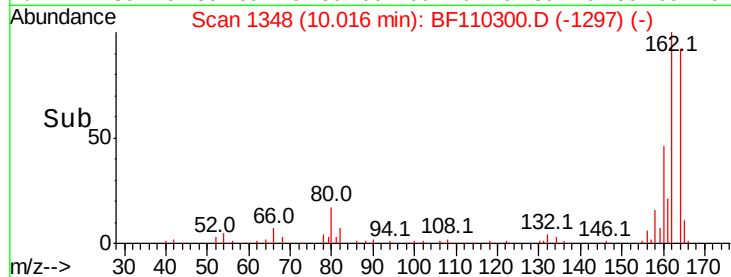
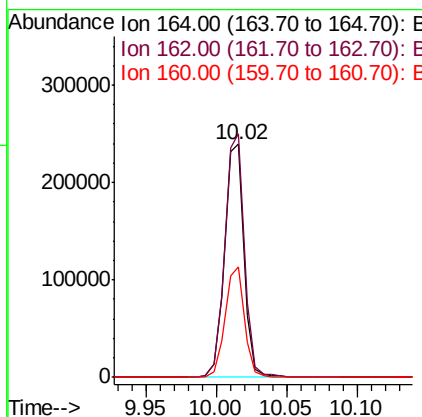
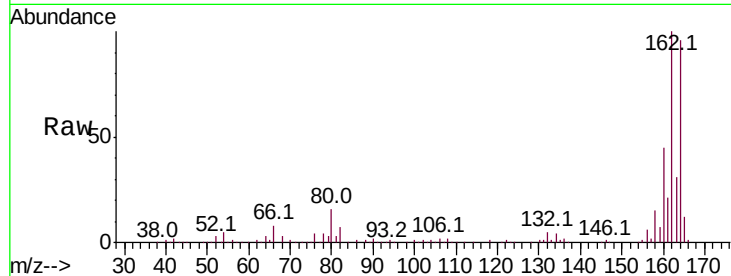
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.6
160	47.5	37.0	55.6

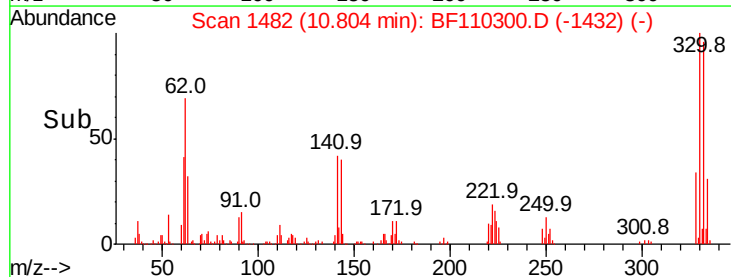
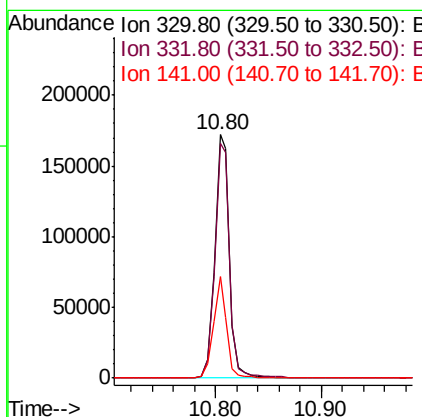
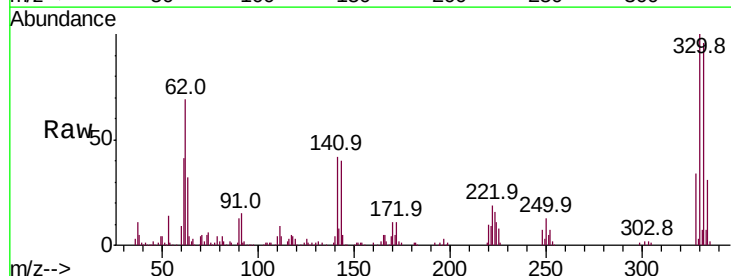
Manual Integrations
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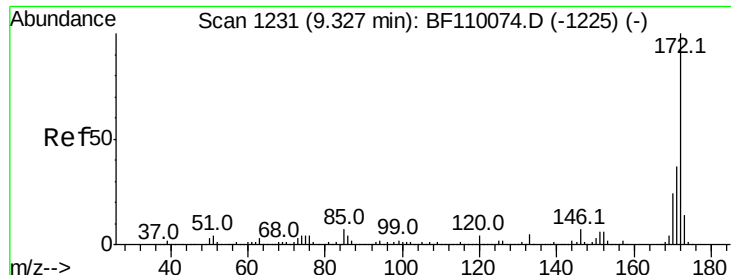
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#42
2,4,6-Tribromophenol
Concen: 74.729 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.1	115.7
141	37.3	27.0	40.4





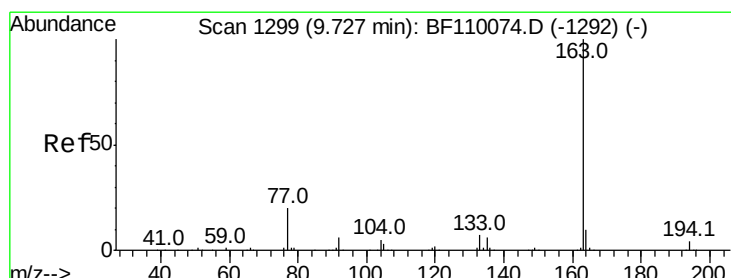
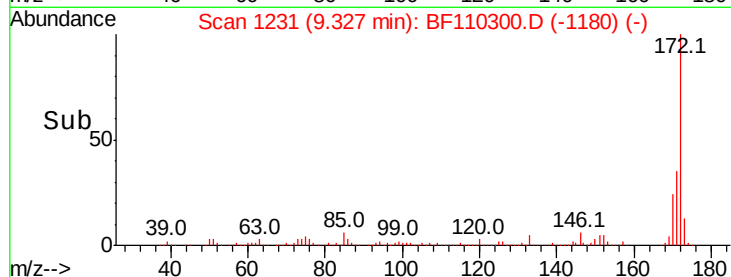
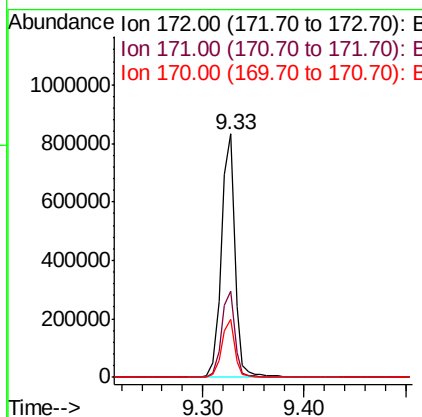
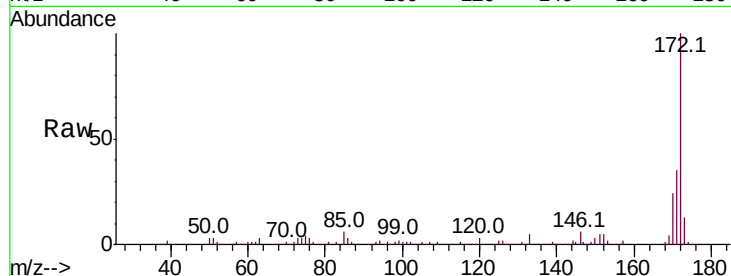
#45
2-Fluorobiphenyl
Concen: 53.292 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	28.6	43.0	
170	23.9	19.7	29.5	

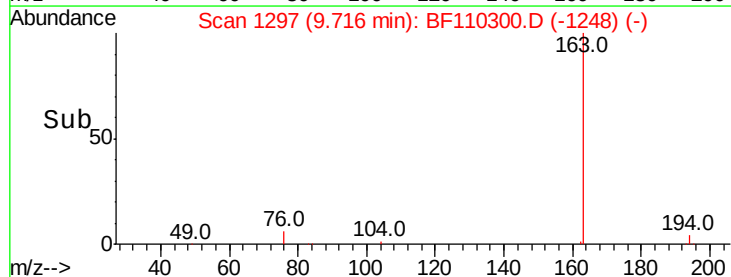
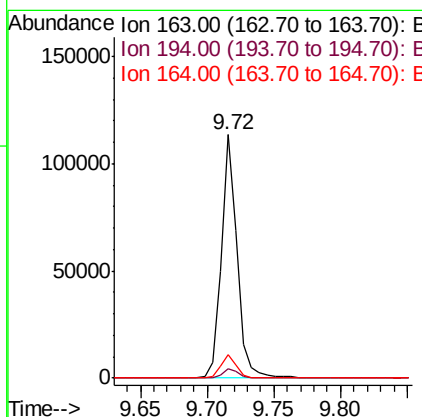
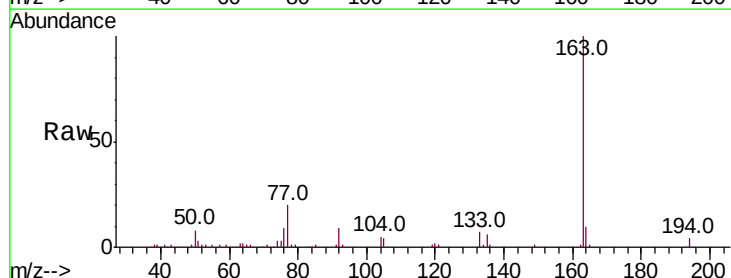
Manual Integrations
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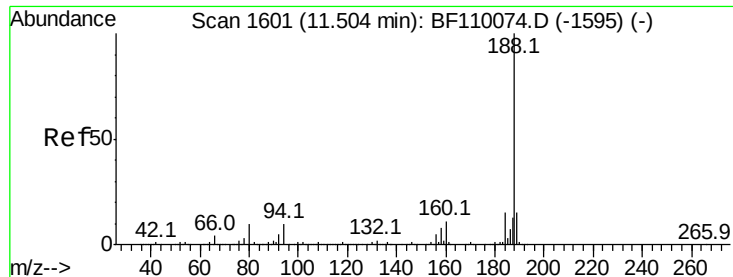
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#50
Dimethylphthalate
Concen: 5.580 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	3.2	4.8	
164	9.9	8.1	12.1	





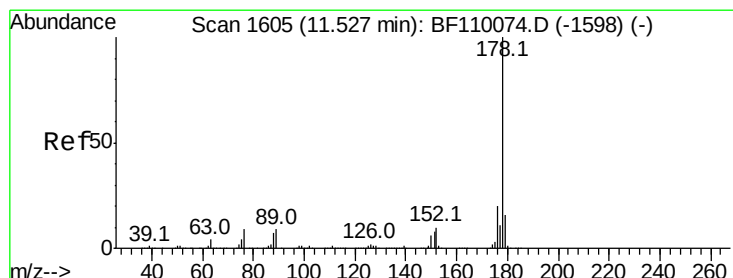
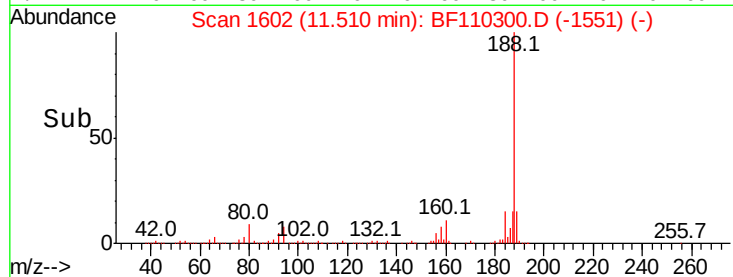
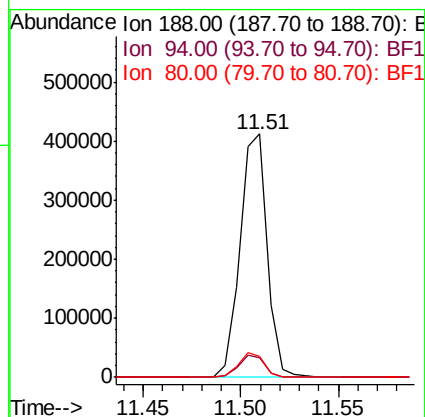
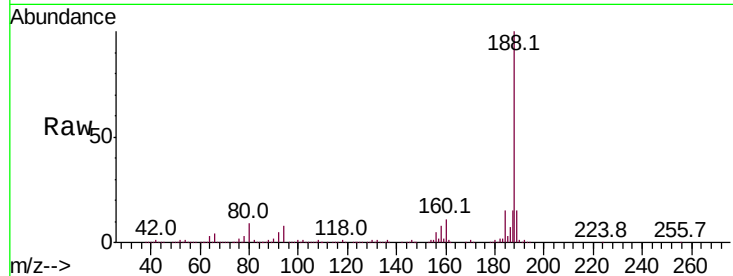
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion:188	Resp:	395868
Ion Ratio	Lower	Upper
188 100		
94 8.0	7.2	10.8
80 8.6	7.9	11.9

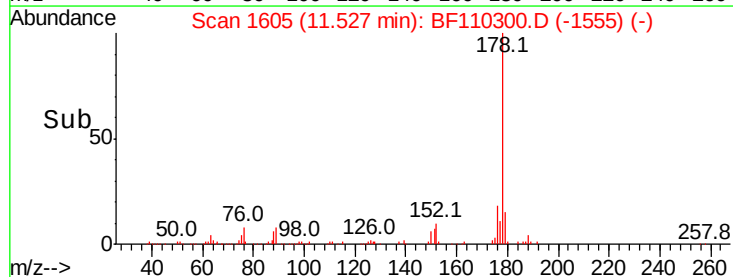
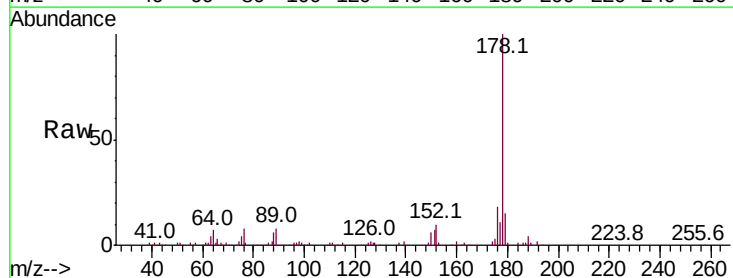
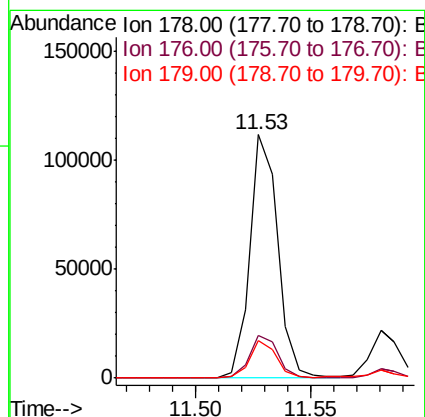
Manual Integrations
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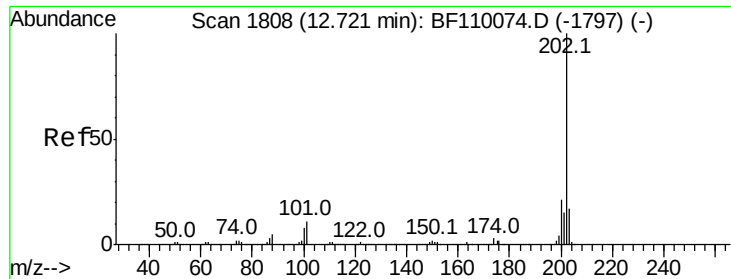
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#71
Phenanthrene
Concen: 4.584 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion:178	Resp:	94958
Ion Ratio	Lower	Upper
178 100		
176 17.7	15.5	23.3
179 15.3	12.5	18.7





#75

Fluoranthene

Concen: 8.617 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

Instrument :

BNA_F

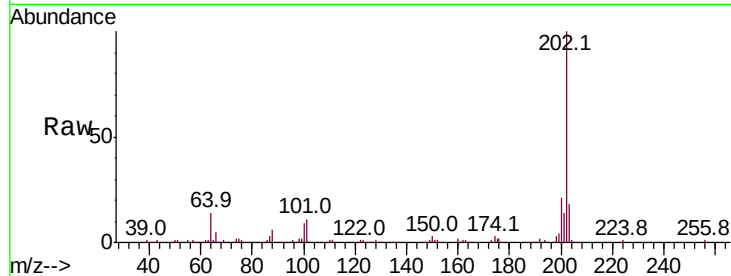
ClientSampleId :

DARK-SOIL(NEAR-BERM)

Tot Ion:	202	Resp:	181146
Ion Ratio		Lower	Upper
202	100		
101	10.9	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
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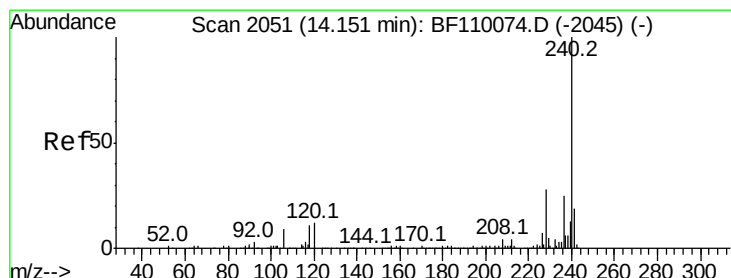
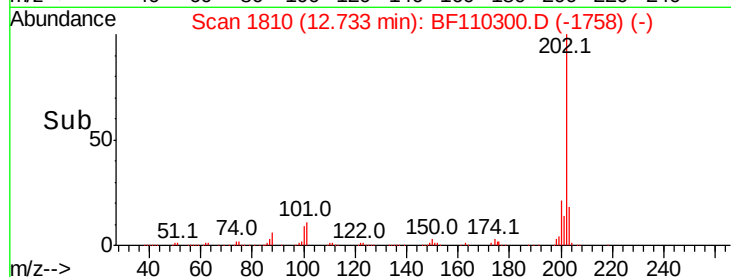
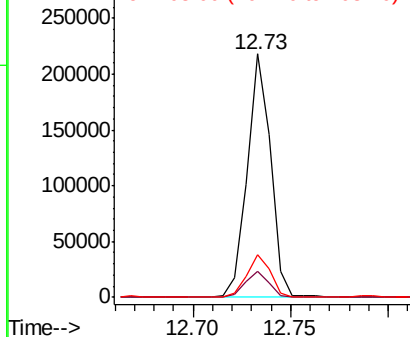


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

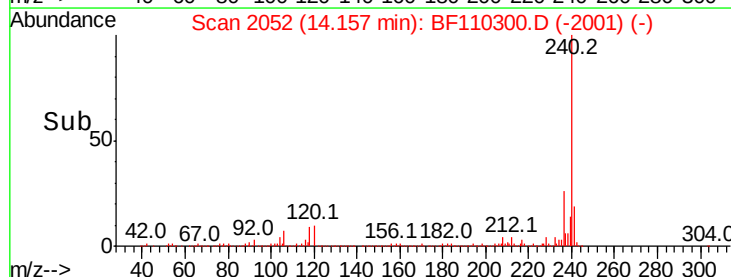
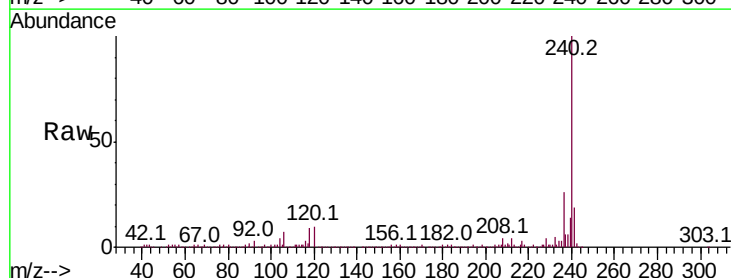
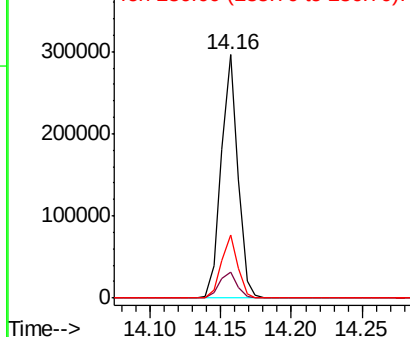
Tgt Ion:	240	Resp:	243899
Ion Ratio		Lower	Upper
240	100		
120	10.5	8.3	12.5
236	25.9	21.2	31.8

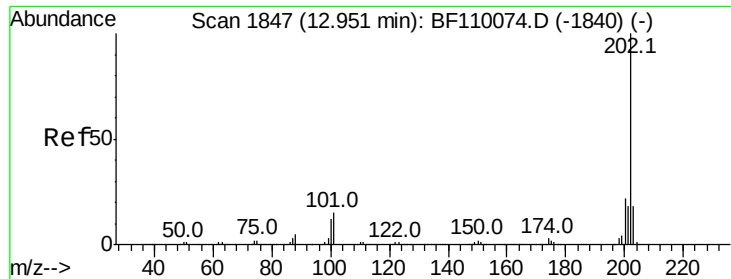
Abundance

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





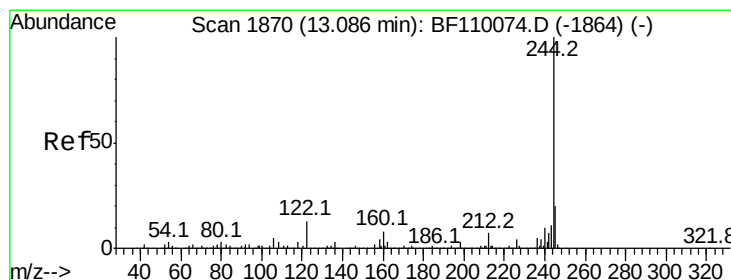
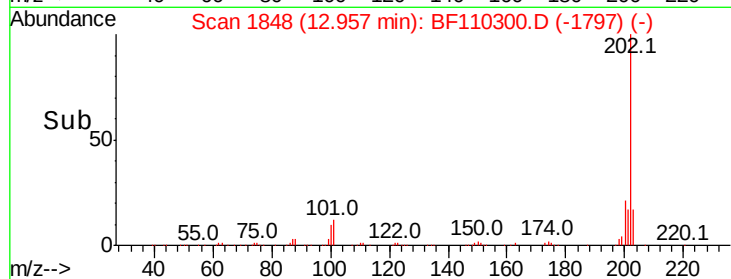
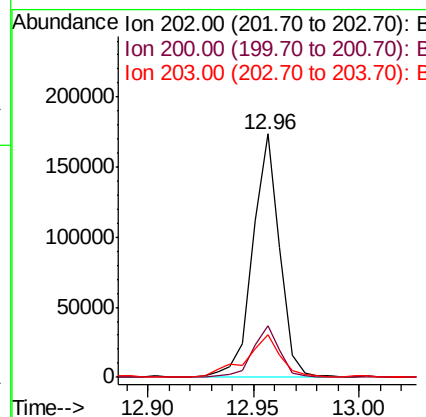
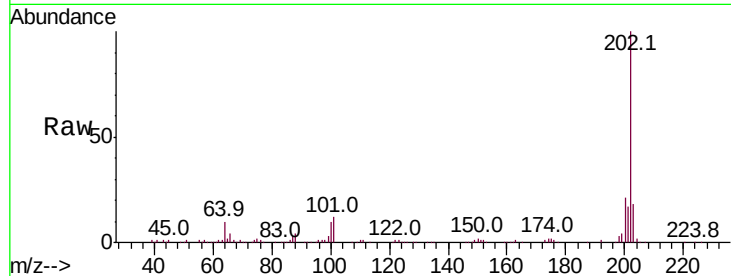
#78
Pvrene
Concen: 8.794 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.7	14.2	21.4

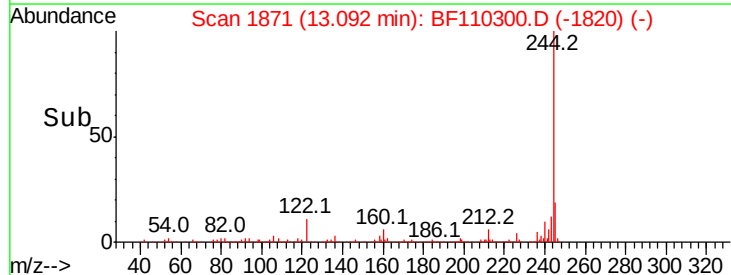
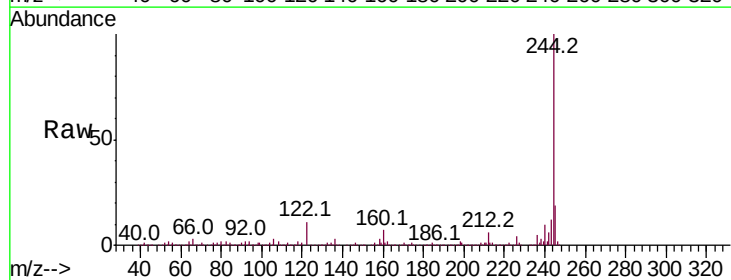
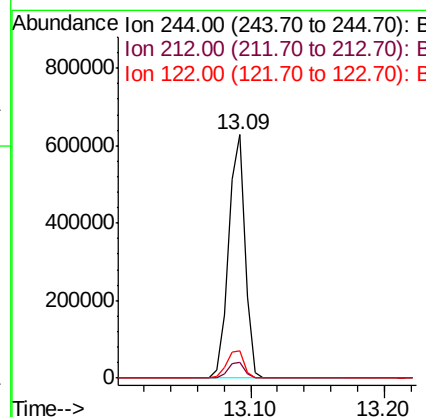
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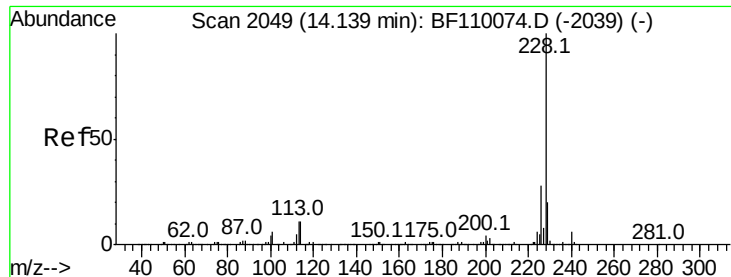
Sohil
10/31/2018 11:14:57 AM



#79
Terphenyl-d14
Concen: 46.934 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	11.0	8.7	13.1





#81

Benzo(a)anthracene

Concen: 4.560 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

Instrument :

BNA_F

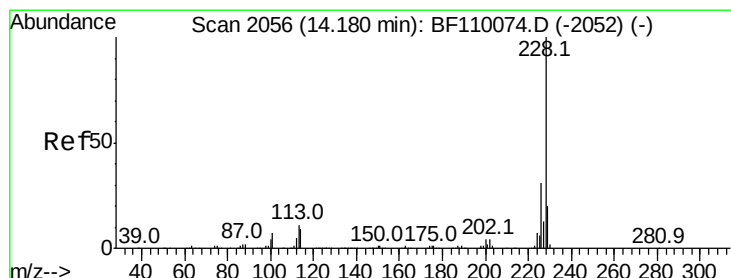
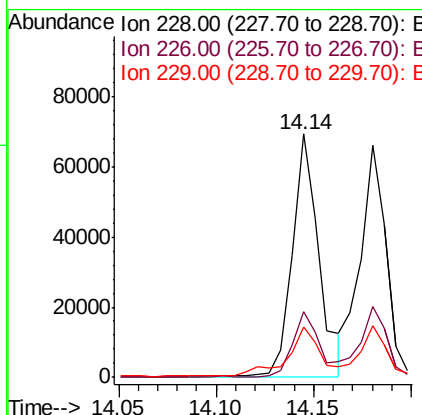
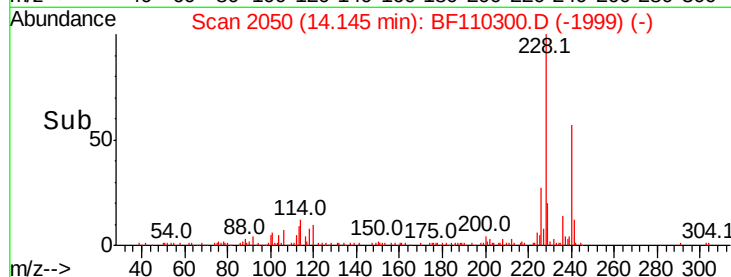
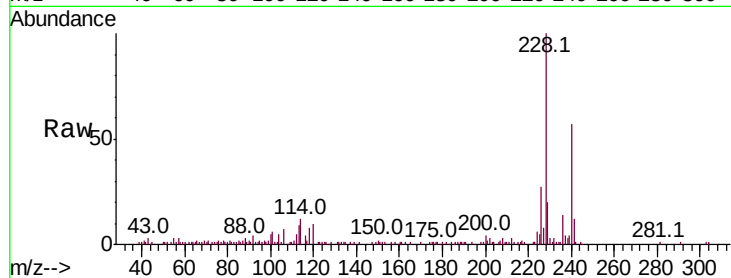
ClientSampleId :

DARK-SOIL(NEAR-BERM)

Tot Ion:	228	Resp:	65953
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.1	33.1
229	20.5	15.6	23.4

Manual Integrations
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#83

Chrysene

Concen: 4.475 ng

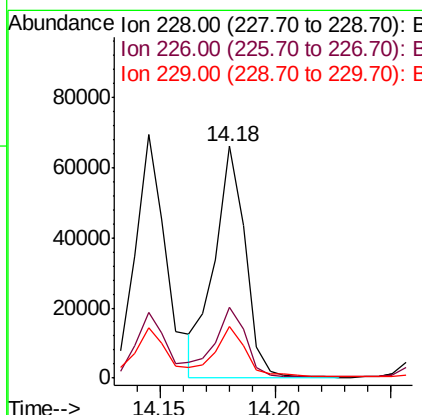
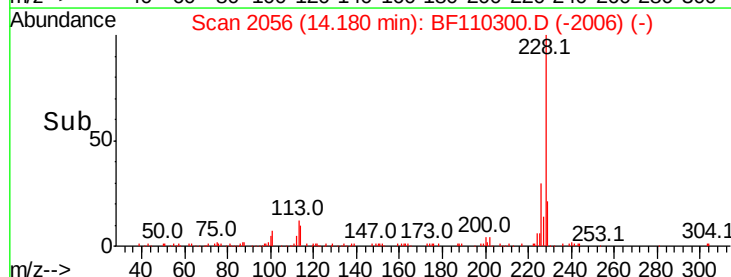
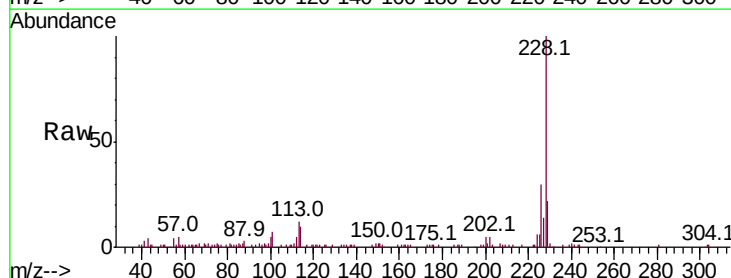
RT: 14.18 min Scan# 2056

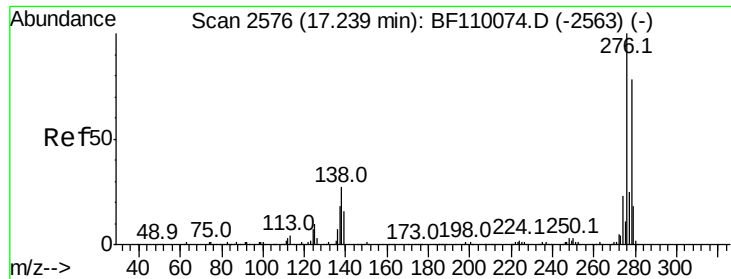
Delta R.T. -0.01 min

Lab File: BF110300.D

Acq: 30 Oct 2018 14:00

Tgt Ion:	228	Resp:	61471
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.7	37.1
229	22.0	15.9	23.9





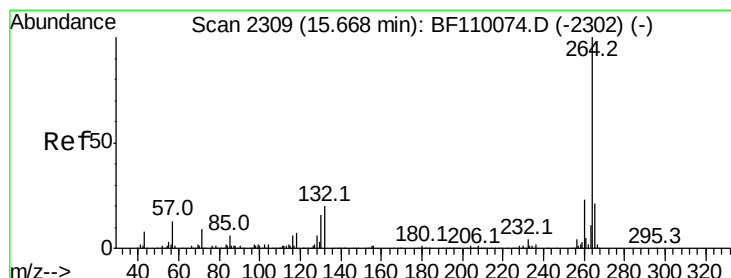
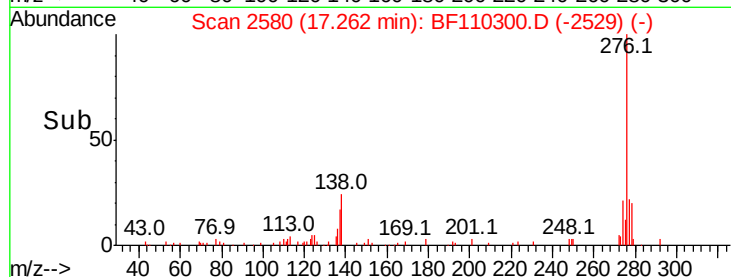
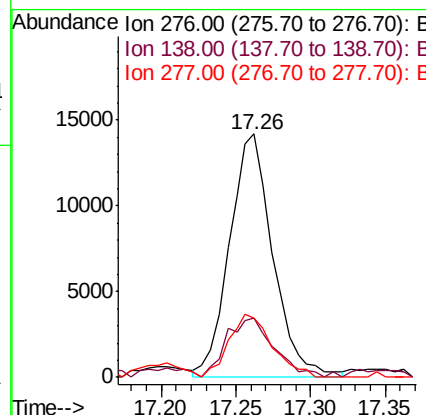
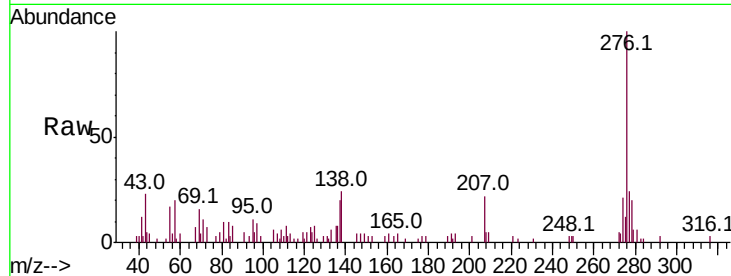
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.518 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	18.5	27.7
277	26.0	20.0	30.0

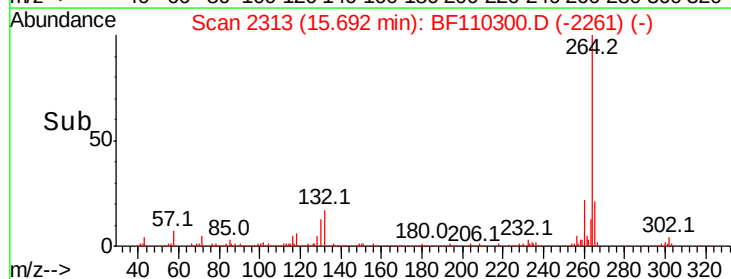
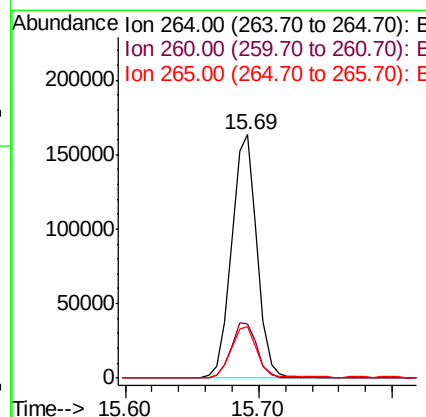
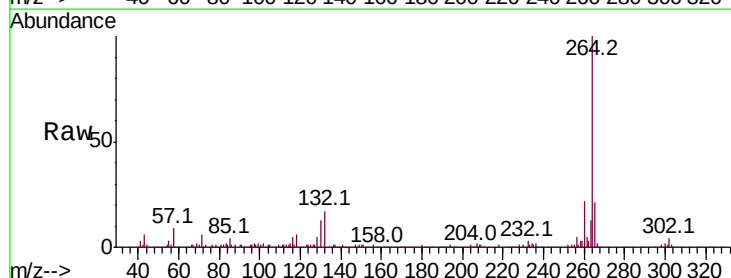
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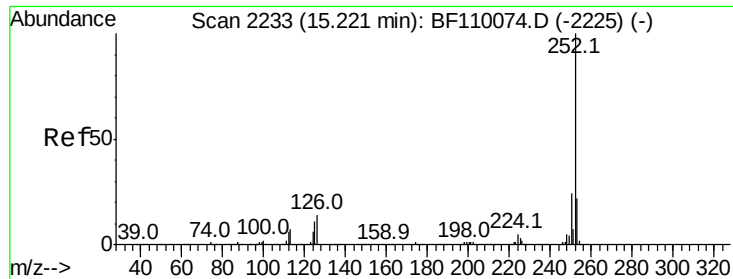
Sohil
10/31/2018 11:14:57 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.1	16.7	25.1





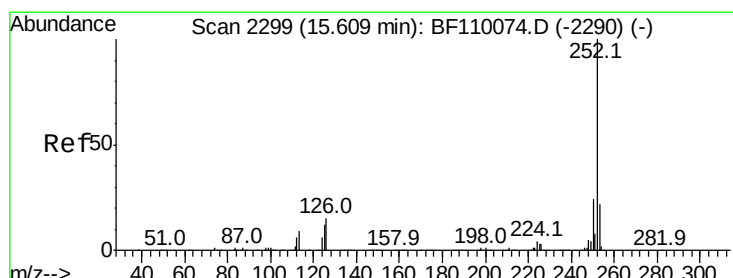
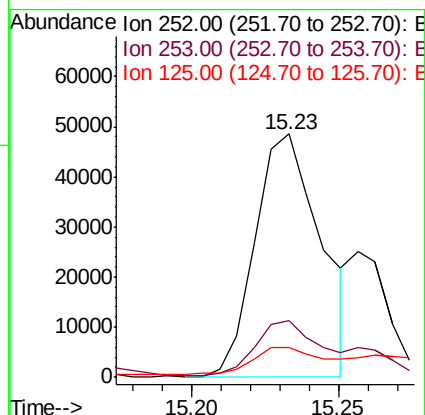
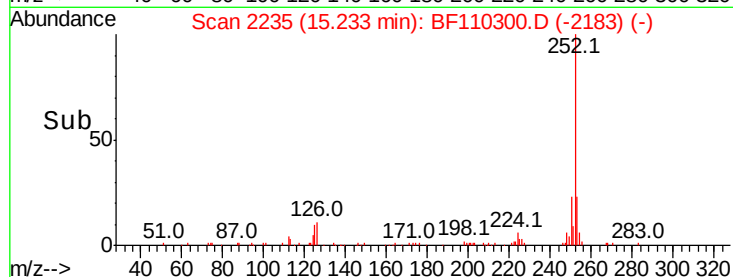
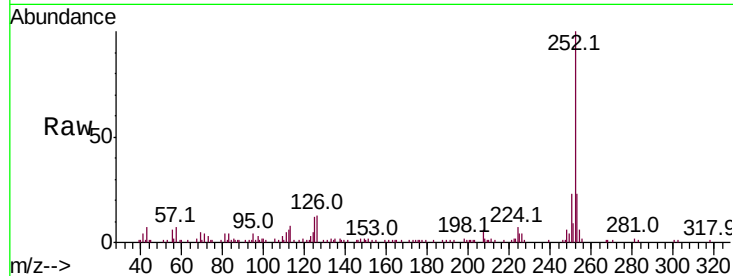
#88
Benzo(b)fluoranthene
Concen: 6.025 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Instrument :
BNA_F
ClientSampleId :
DARK-SOIL(NEAR-BERM)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	12.4	8.2	12.4

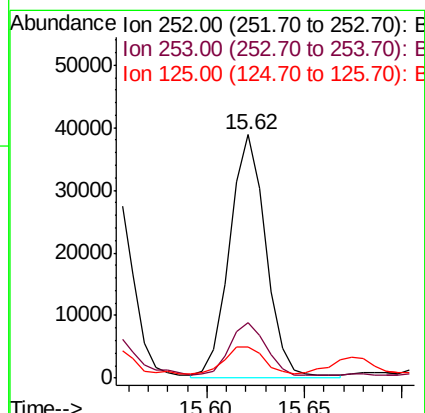
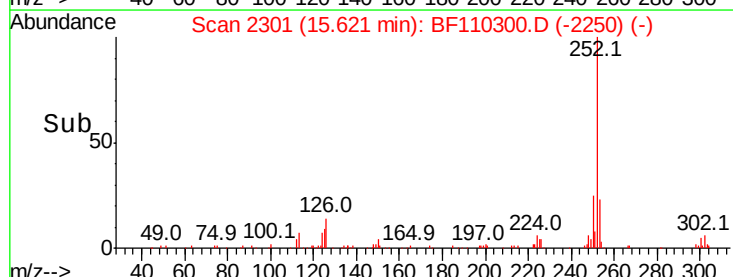
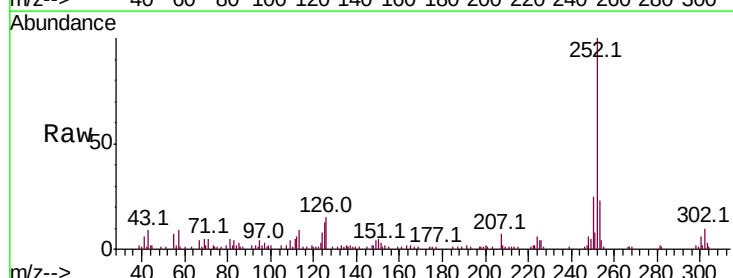
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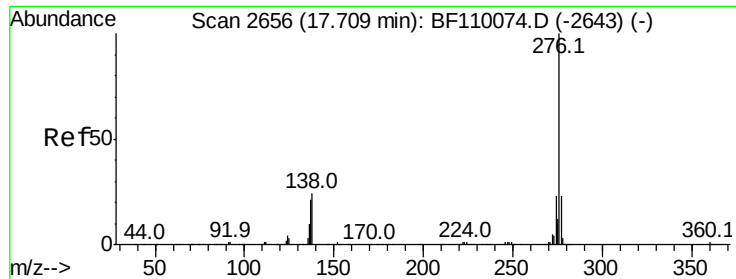
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#90
Benzo(a)pyrene
Concen: 4.378 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110300.D
Acq: 30 Oct 2018 14:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.9	9.0	13.6





#92
 Benzo(a,h,i)perylene
 Concen: 2.628 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.00 min
 Lab File: BF110300.D
 Acq: 30 Oct 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :
 DARK-SOIL(NEAR-BERM)

Tot Ion:	276	Resp:	25815
Ion Ratio	Lower	Upper	
276	100		
277	21.4	18.8	28.2
138	24.9	16.0	24.0#

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:14:57 AM

