

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
 Data File : BF109701.D
 Acq On : 9 Oct 2018 18:07
 Operator : JU/SJ
 Sample : J5325-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DEBRI

Manual Integrations
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Sohil
 10/10/2018 11:37:05 AM

Quant Time: Oct 10 09:30:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	93993	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	375928	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	174820	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	300263	20.00	ng	0.00
75) Chrysene-d12	13.83	240	204269	20.00	ng	0.00
86) Perylene-d12	15.23	264	204306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	571098	107.85	ng	0.00
7) Phenol-d6	6.35	99	756144	106.89	ng	-0.01
23) Nitrobenzene-d5	7.26	82	518899	76.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	191717	100.65	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	971311	76.52	ng	0.00
78) Terphenyl-d14	12.78	244	698242	66.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.45	163	119072	9.287	ng	99
74) Fluoranthene	12.41	202	50769	3.234	ng	98
77) Pyrene	12.63	202	43596	2.913	ng	98
82) Chrysene	13.86	228	27435	2.317	ng	96
85) Indeno(1,2,3-cd)pyrene	16.59	276	18322	2.162	ng	# 91
87) Benzo(b)fluoranthene	14.84	252	34577m	3.063	ng	
89) Benzo(a)pyrene	15.17	252	23584	2.302	ng	# 70
91) Benzo(g,h,i)perylene	16.99	276	17719	2.109	ng	# 88

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

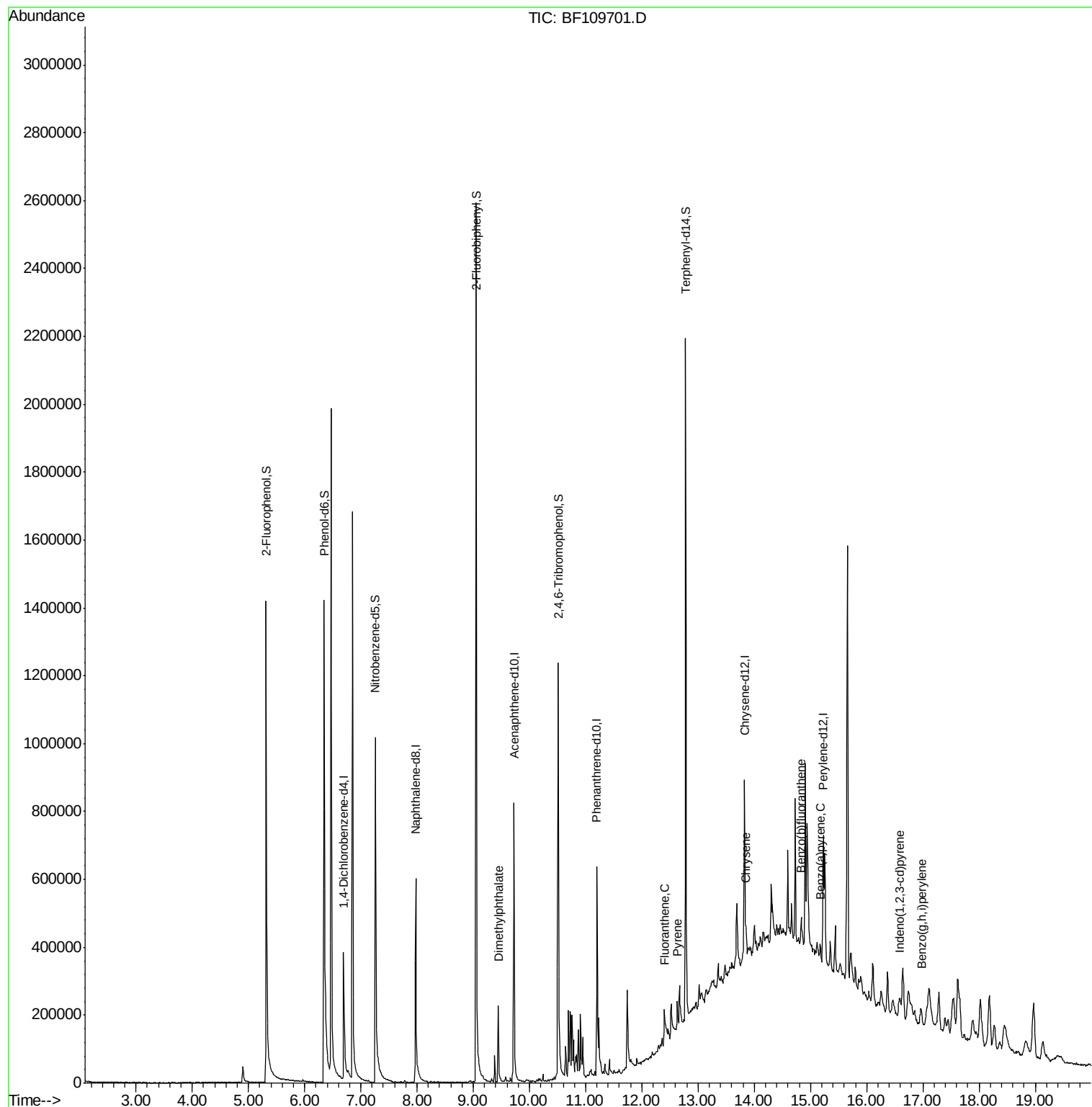
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109701.D
Acq On : 9 Oct 2018 18:07
Operator : JU/SJ
Sample : J5325-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

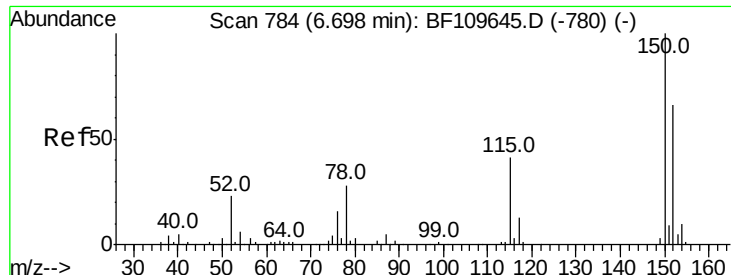
Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

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Quant Time: Oct 10 09:30:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

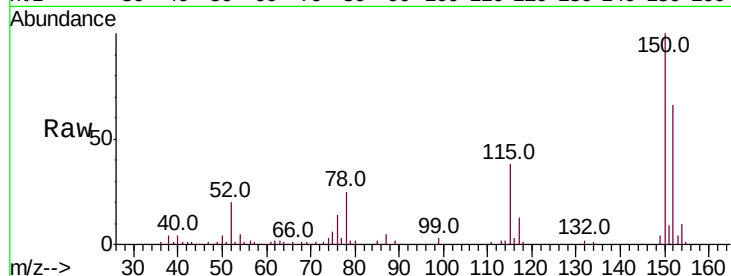
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.7	184.1
115	57.5	49.1	73.7

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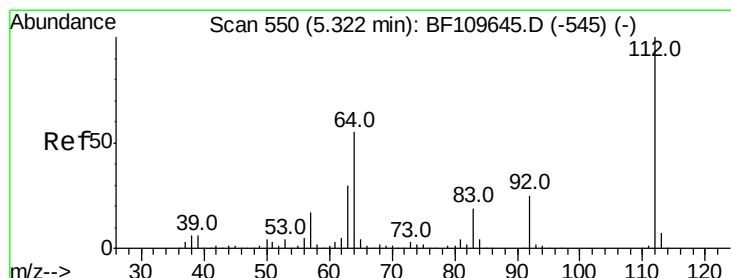
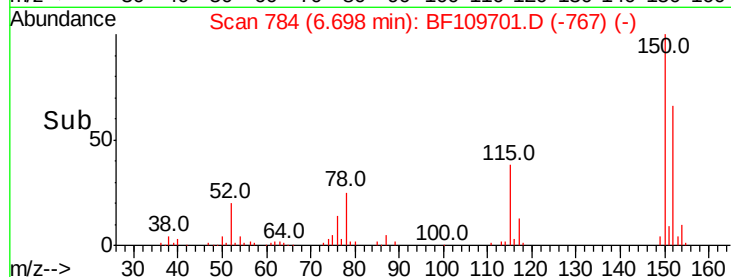
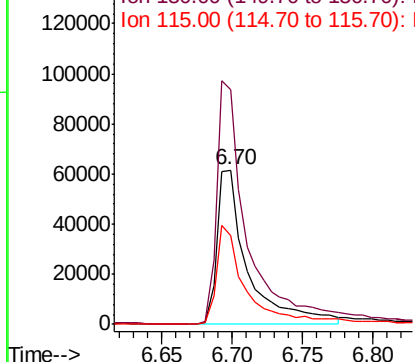


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

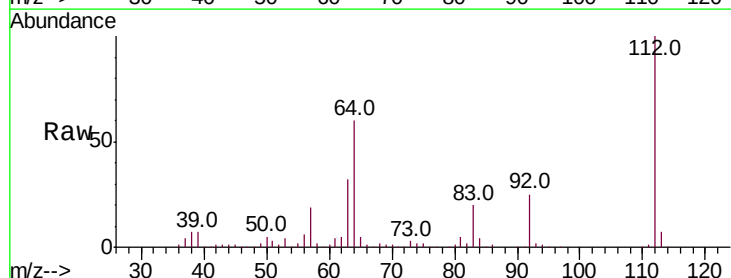
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.850 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	44.1	66.1
63	32.0	23.7	35.5

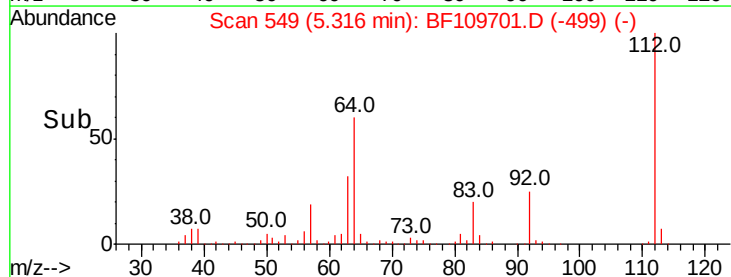
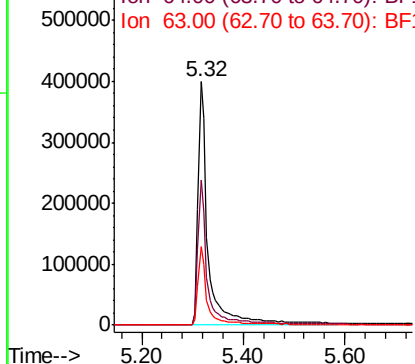


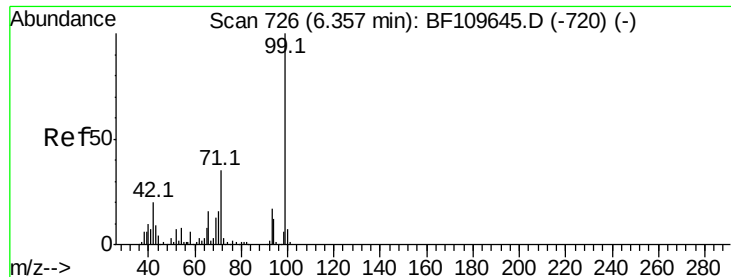
Abundance

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: 106.892 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Instrument :

BNA_F

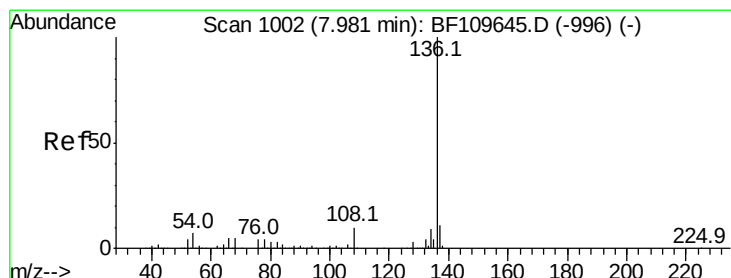
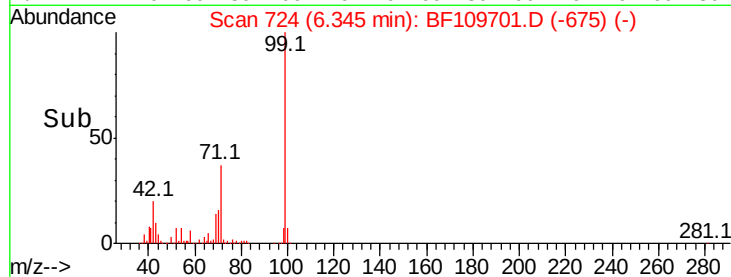
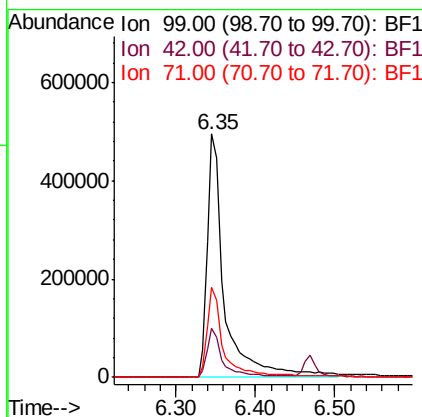
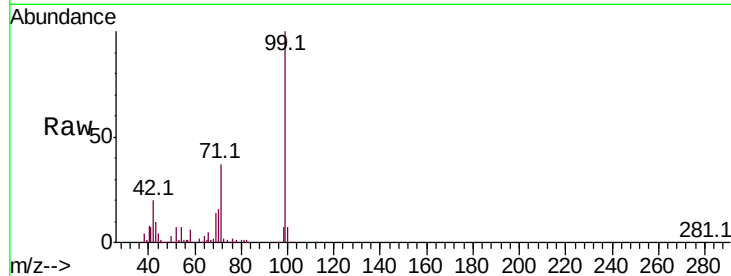
ClientSampleId :

SOIL-DEBRI

Tot Ion:	99	Resp:	756144
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	36.9	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

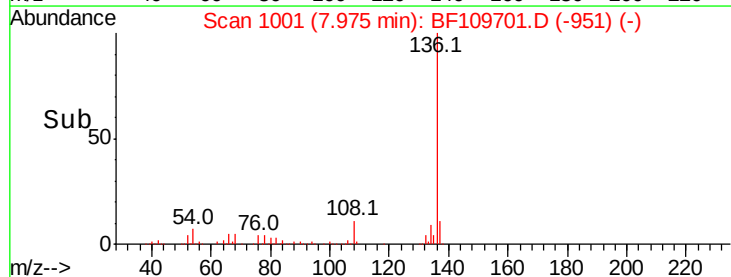
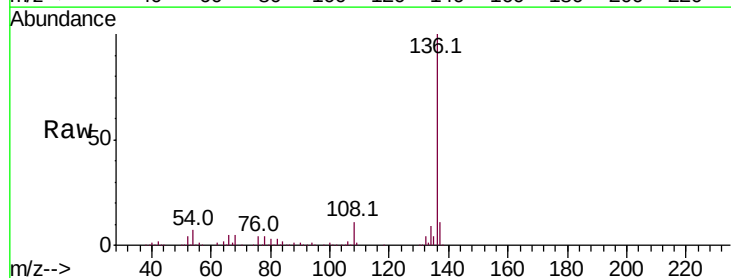
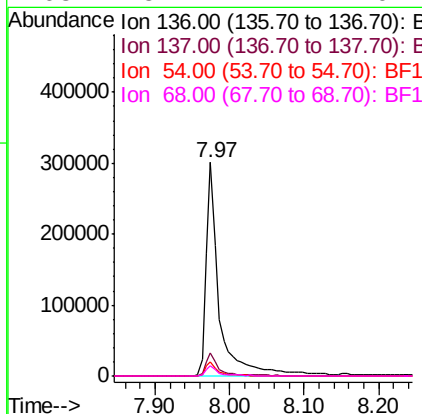
RT: 7.97 min Scan# 1001

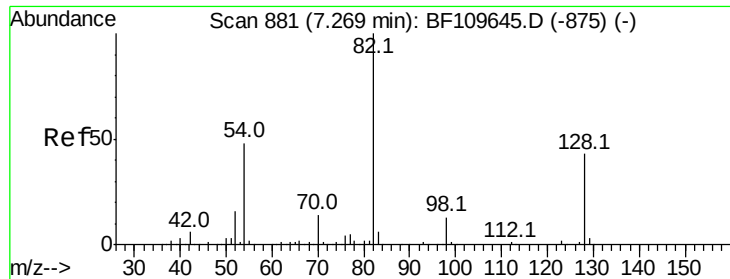
Delta R.T. -0.01 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Tgt Ion:	136	Resp:	375928
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.8	13.2
54	6.5	5.4	8.2
68	5.1	4.2	6.2





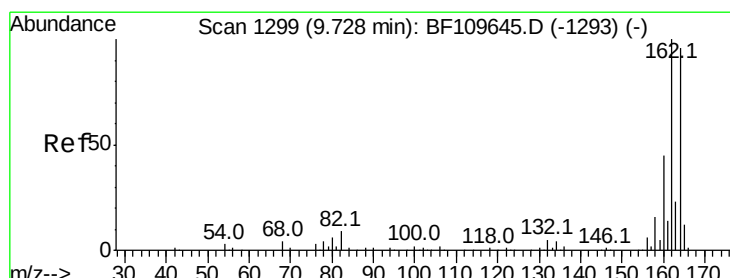
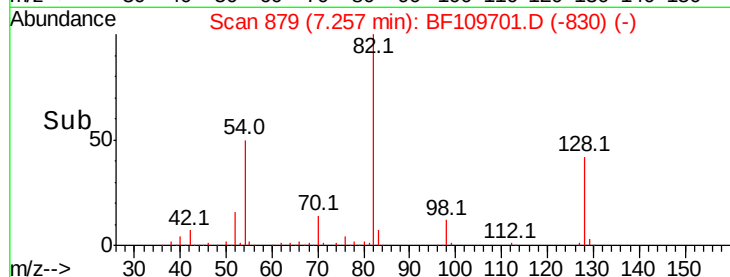
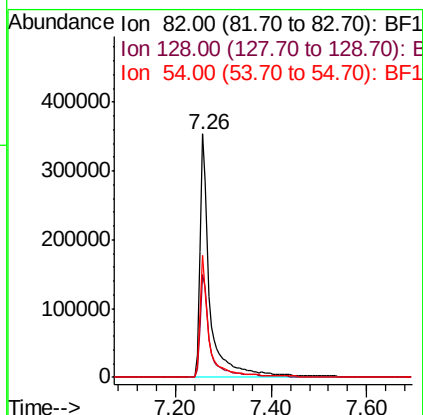
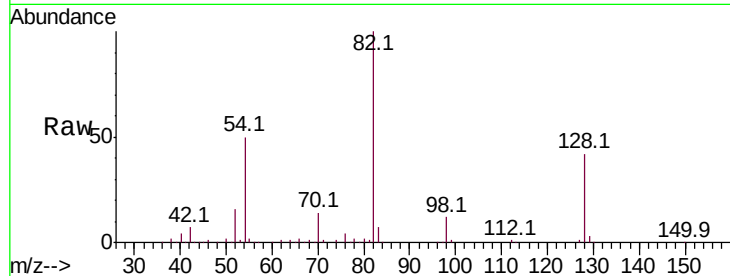
#23
Nitrobenzene-d5
Concen: 76.088 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.2	51.2
54	50.0	38.6	58.0

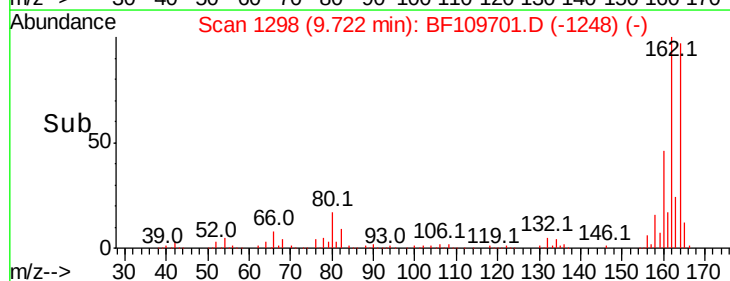
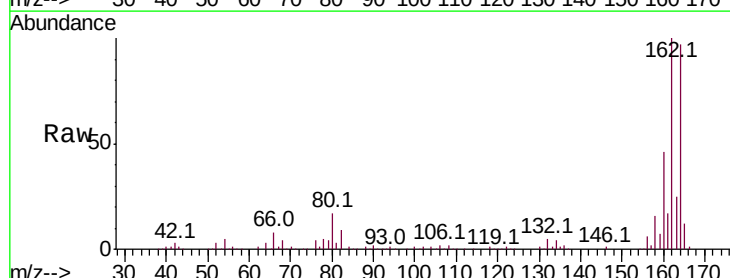
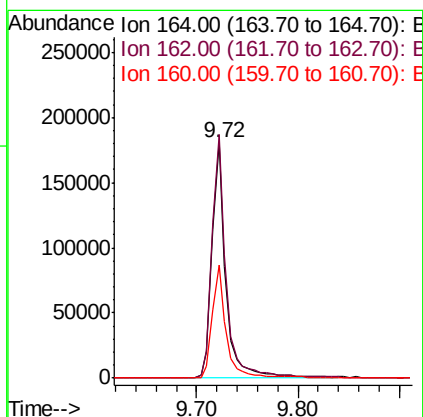
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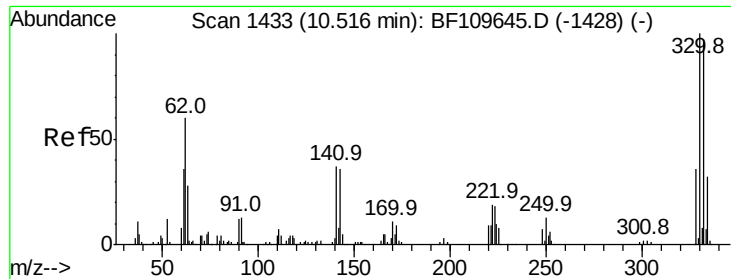
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.9	37.0	55.6





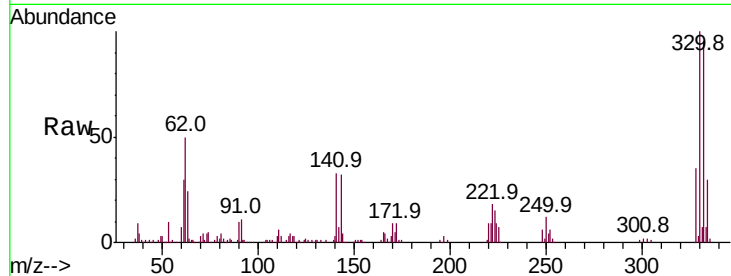
#41
 2,4,6-Tribromophenol
 Concen: 100.647 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109701.D
 Acq: 9 Oct 2018 18:07

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DEBRI

Tot Ion	Ratio	Resp	Lower	Upper
330	100	191717		
332	94.9	77.1	115.7	
141	34.4	27.0	40.4	

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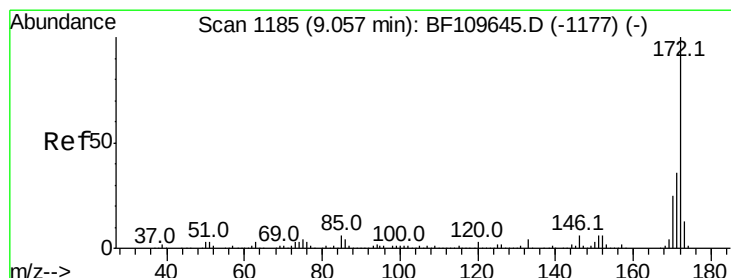
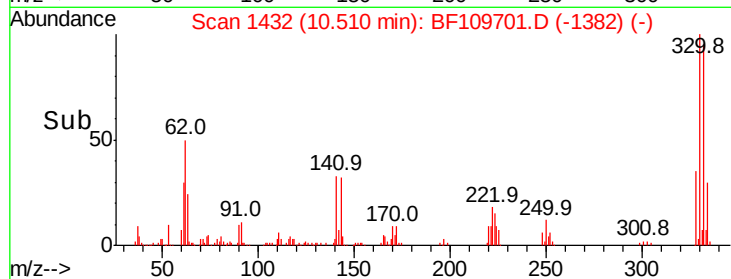
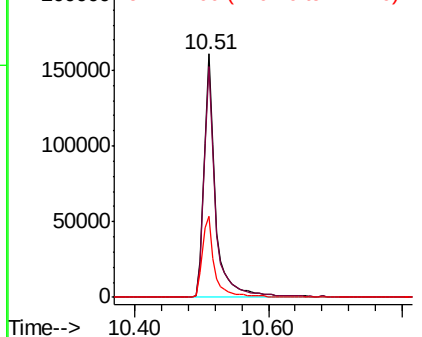


Abundance

Ion 329.80 (329.50 to 330.50): E

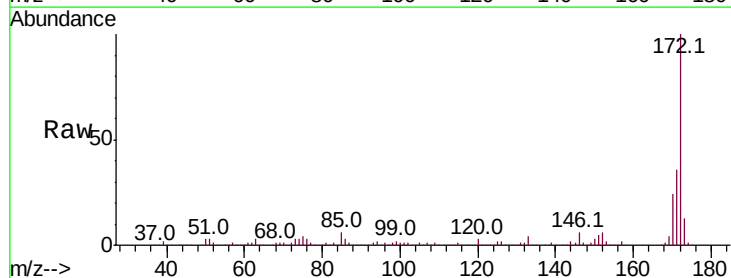
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.521 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109701.D
 Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	971311		
171	35.6	28.6	43.0	
170	24.4	19.7	29.5	

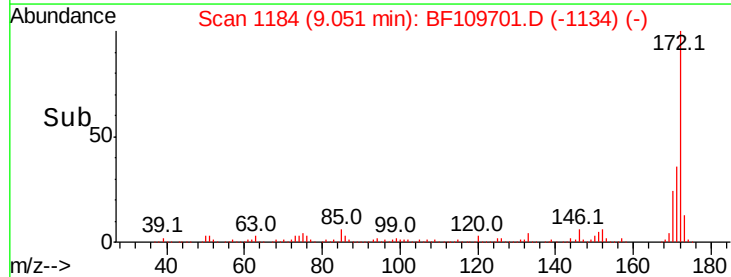
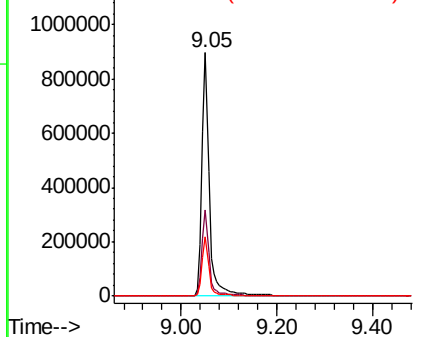


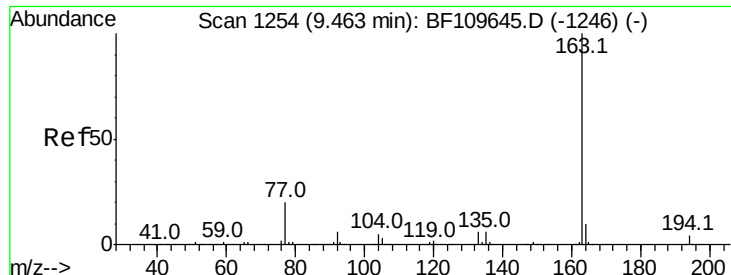
Abundance

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





#49

Dimethylphthalate

Concen: 9.287 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Instrument :

BNA_F

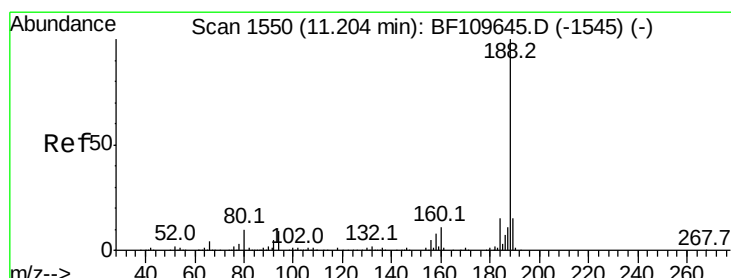
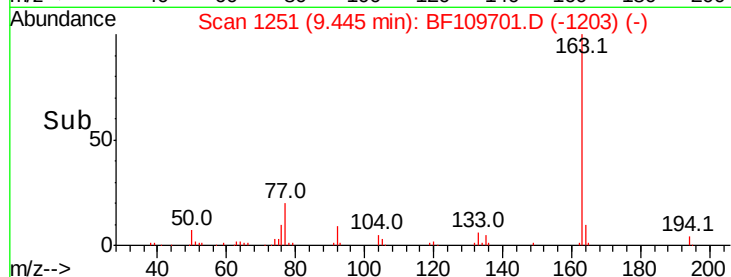
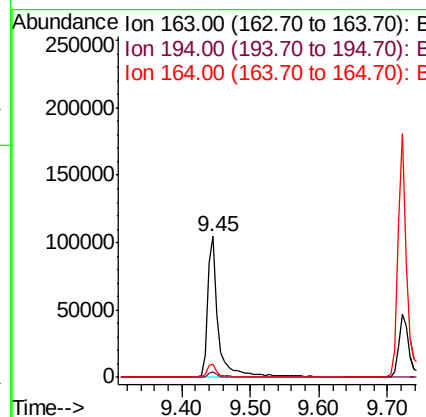
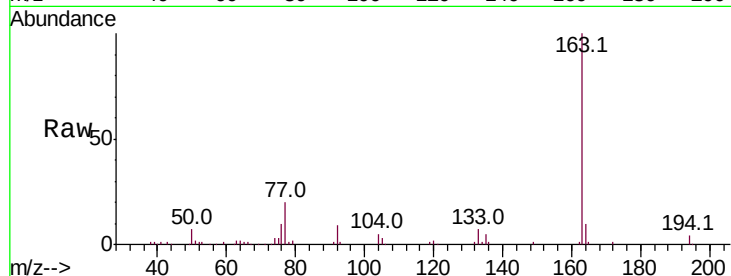
ClientSampleId :

SOIL-DEBRI

Tot Ion:	163	Resp:	119072
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	9.8	8.1	12.1

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#63

Phenanthrene-d10

Concen: 20.000 ng

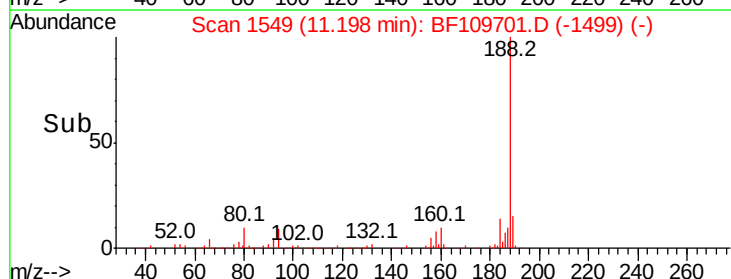
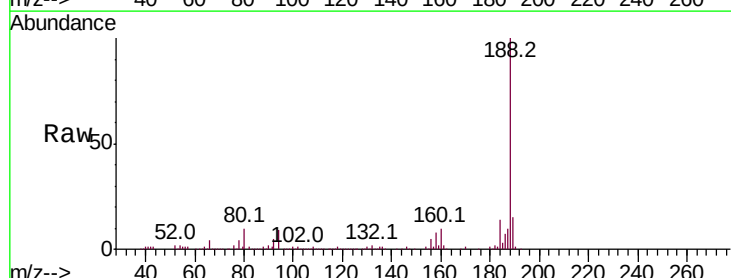
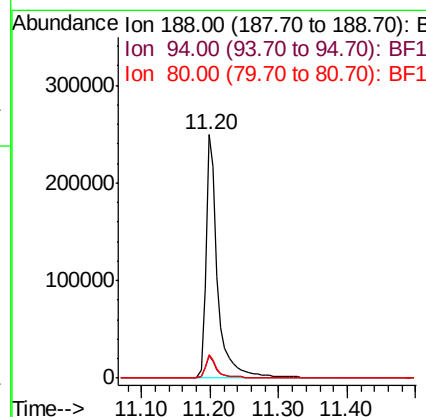
RT: 11.20 min Scan# 1549

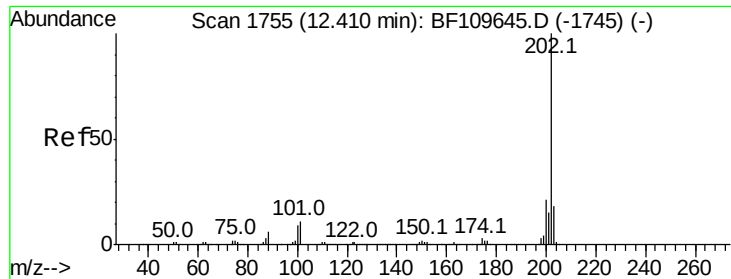
Delta R.T. -0.01 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Tgt Ion:	188	Resp:	300263
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.2	10.8
80	9.7	7.9	11.9





#74

Fluoranthene

Concen: 3.234 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Instrument :

BNA_F

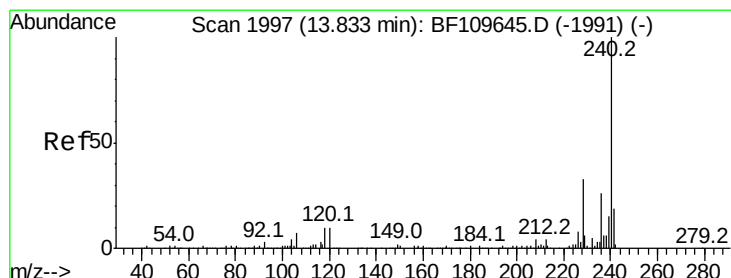
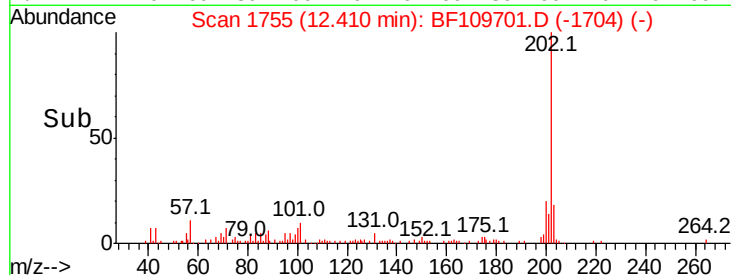
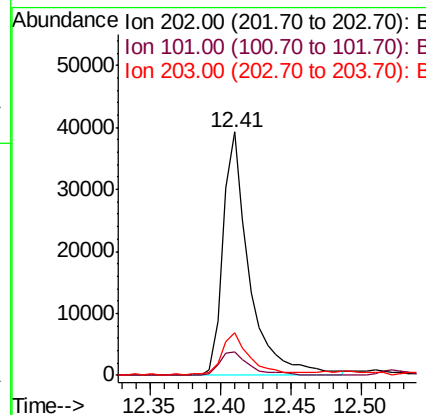
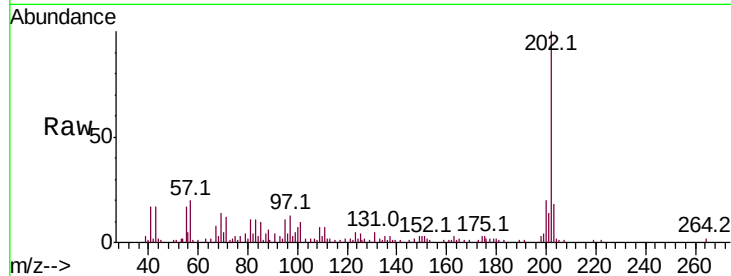
ClientSampleId :

SOIL-DEBRI

Tot Ion:	202	Resp:	50769
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.4
203	17.7	0.0	37.7

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#75

Chrysene-d12

Concen: 20.000 ng

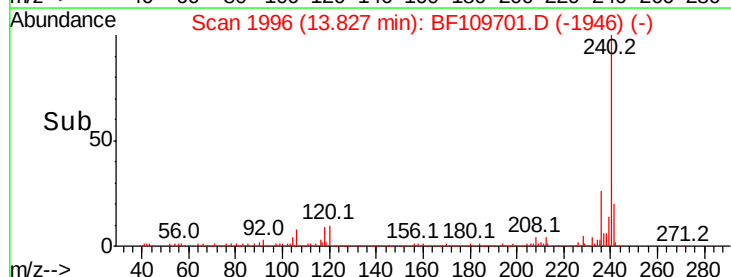
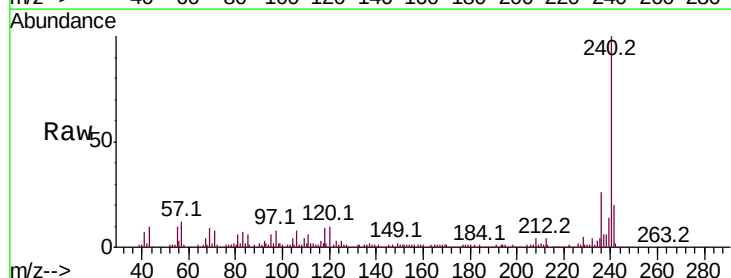
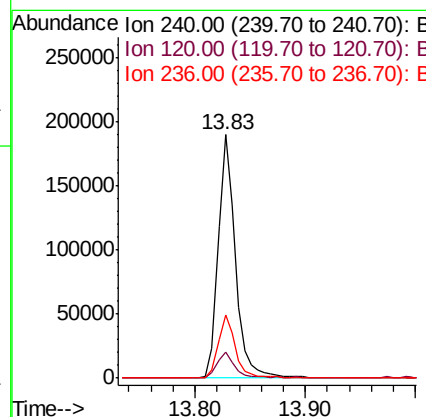
RT: 13.83 min Scan# 1996

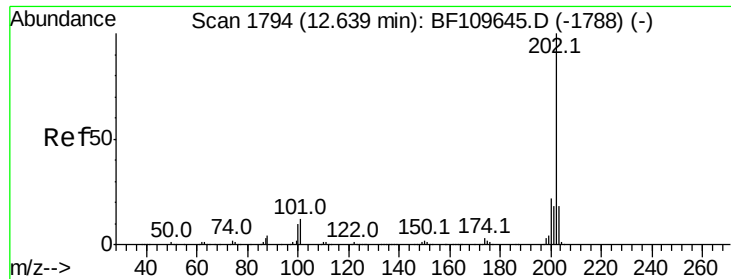
Delta R.T. -0.01 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Tgt Ion:	240	Resp:	204269
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	26.1	21.2	31.8





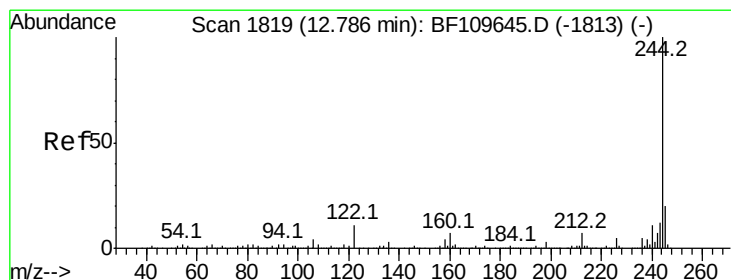
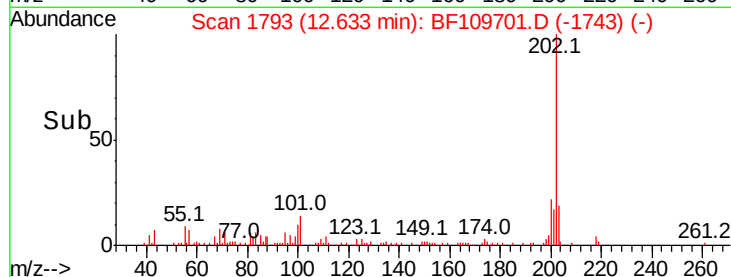
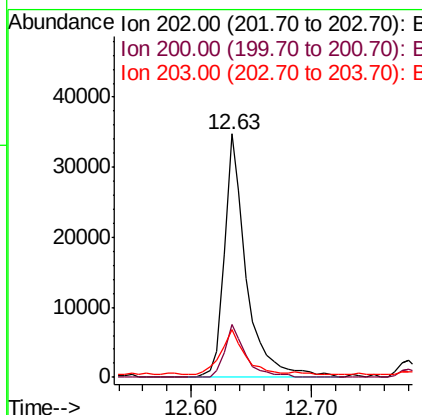
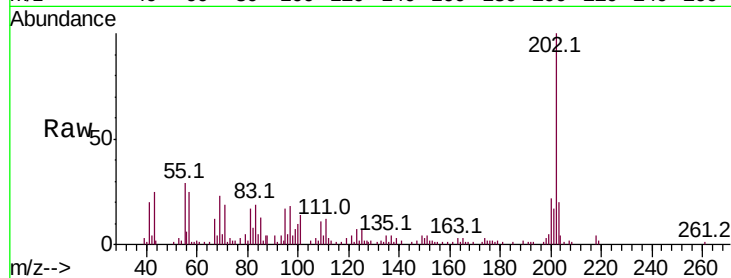
#77
Pvrene
Concen: 2.913 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	19.9	14.2	21.4

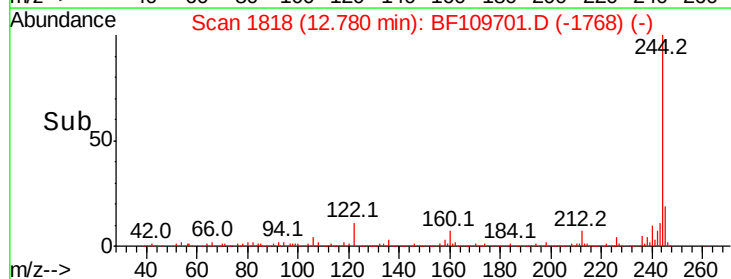
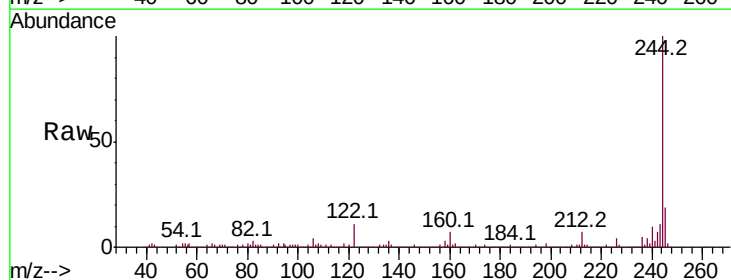
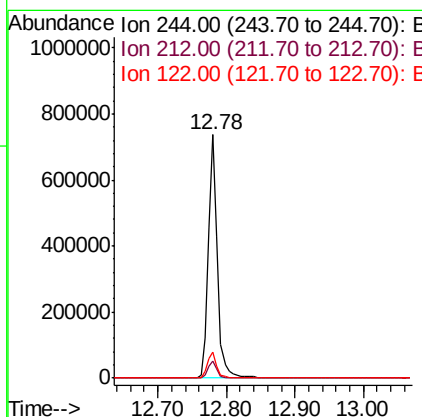
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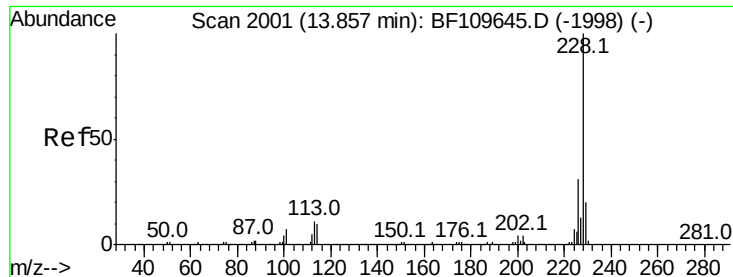
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#78
Terphenyl-d14
Concen: 66.172 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.9	8.7	13.1





#82

Chrysene

Concen: 2.317 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Instrument :

BNA_F

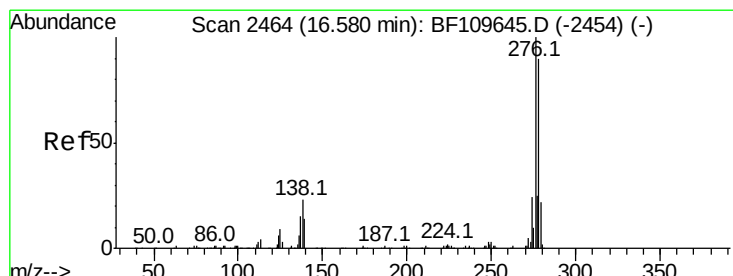
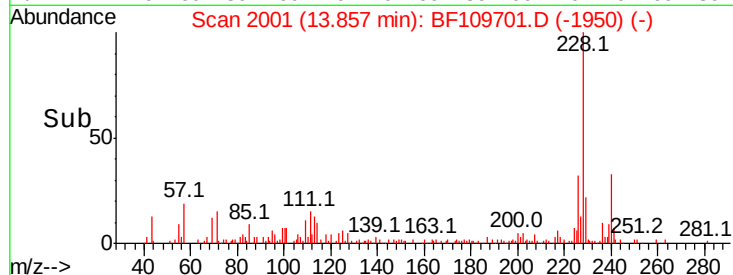
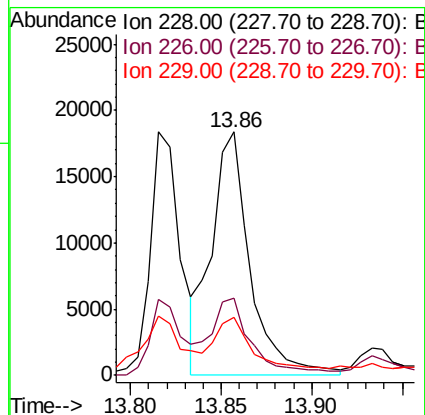
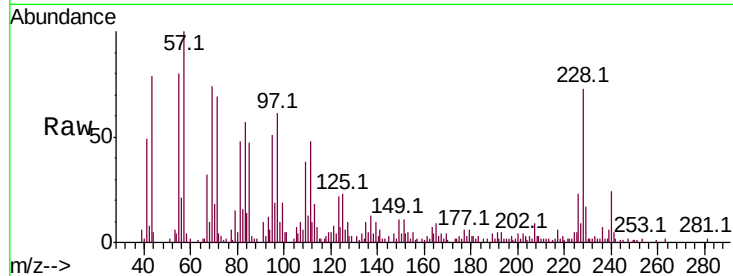
ClientSampled :

SOIL-DEBRI

Tot Ion:	228	Resp:	27435
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.7	37.1
229	23.8	15.9	23.9

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.162 ng

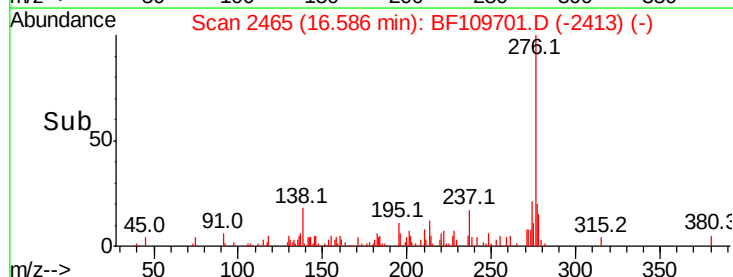
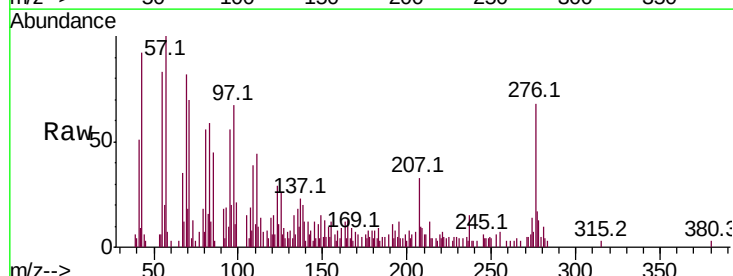
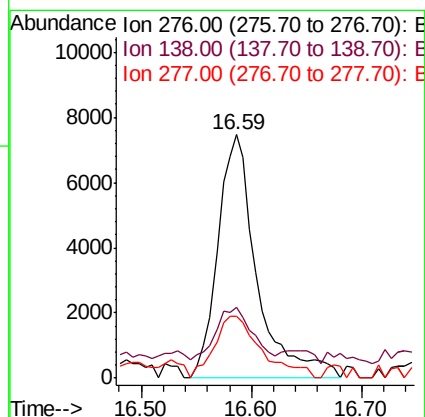
RT: 16.59 min Scan# 2465

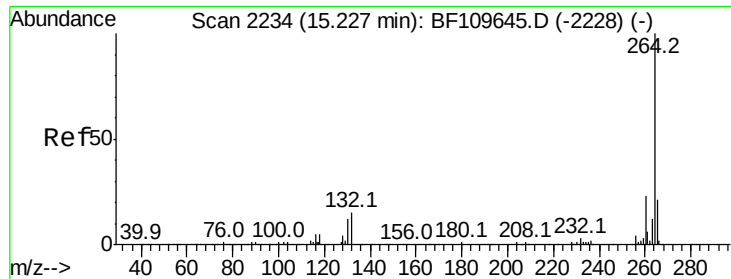
Delta R.T. 0.01 min

Lab File: BF109701.D

Acq: 9 Oct 2018 18:07

Tgt Ion:	276	Resp:	18322
Ion Ratio	Lower	Upper	
276	100		
138	19.7	18.5	27.7
277	30.6	20.0	30.0#





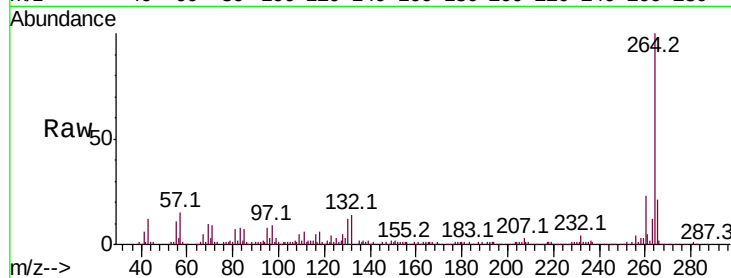
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.3	16.7	25.1

Manual Integrations
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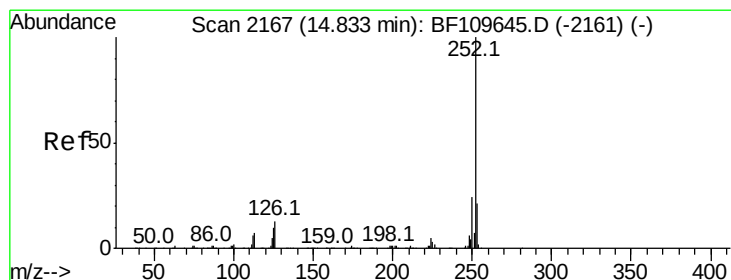
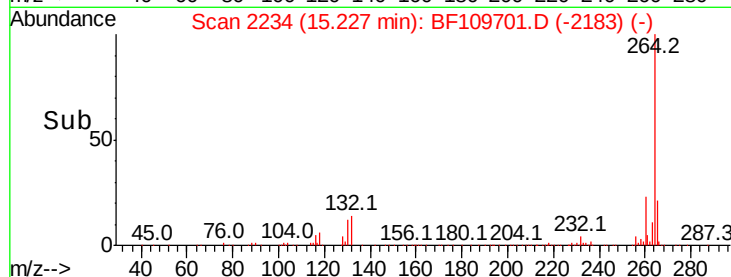
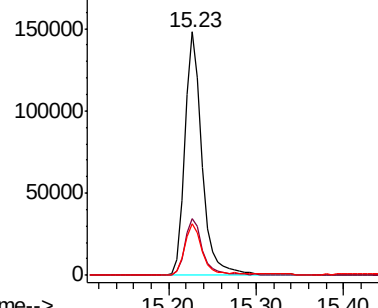


Abundance

Ion 264.00 (263.70 to 264.70): E

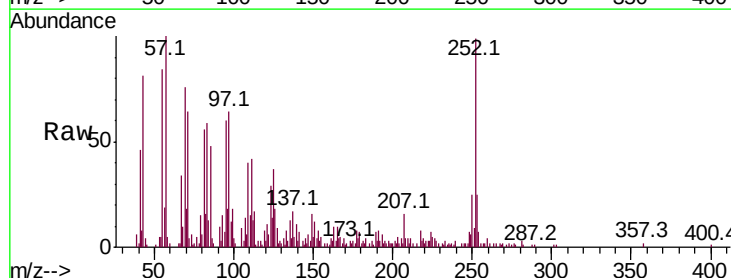
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 3.063 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.2	25.8
125	37.1	8.2	12.4#

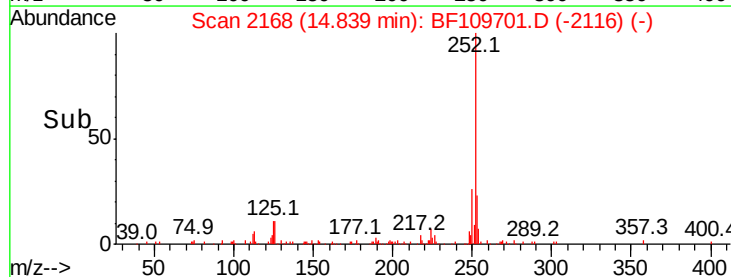
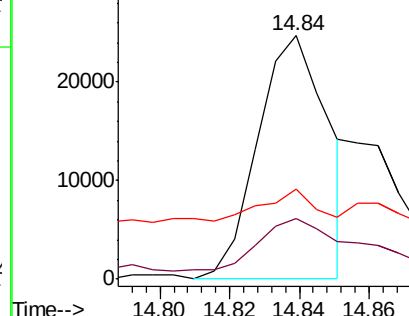


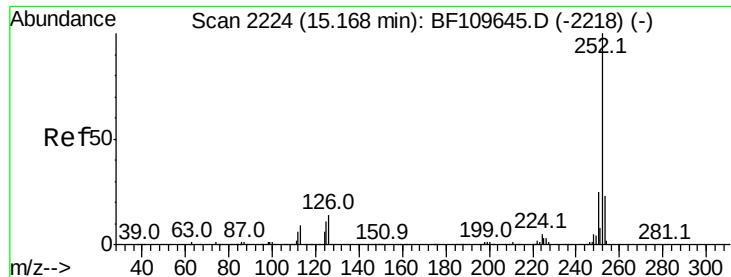
Abundance

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





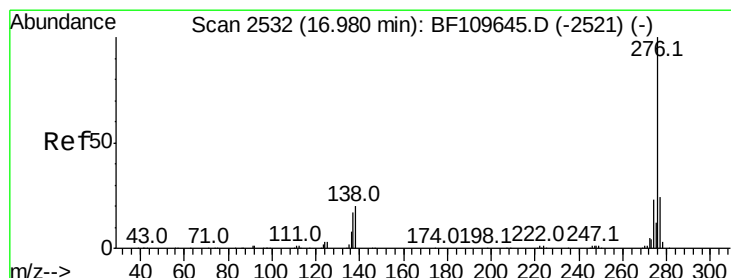
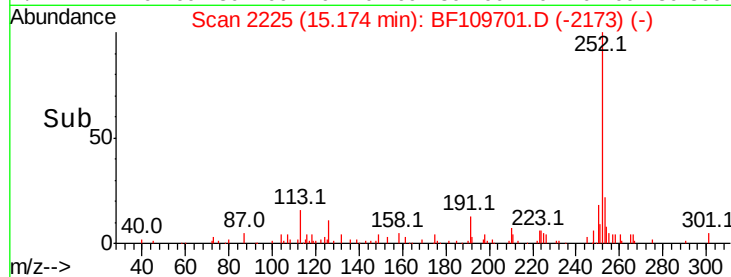
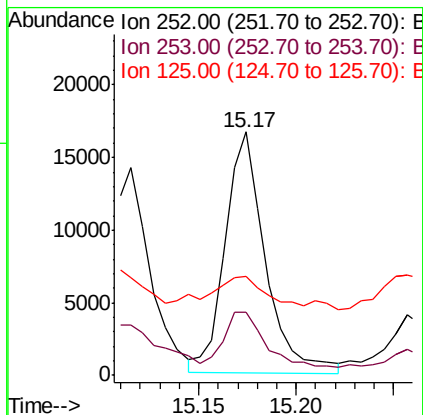
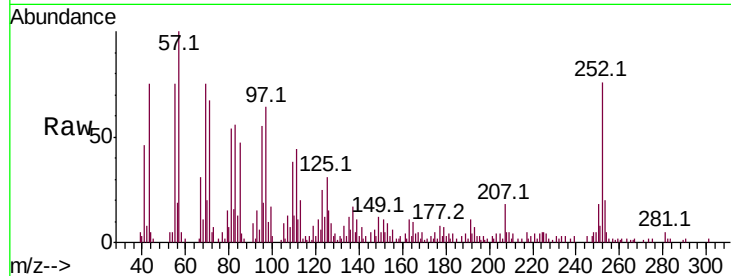
#89
Benzo(a)pyrene
Concen: 2.302 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Instrument :
BNA_F
ClientSampleId :
SOIL-DEBRI

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.4
125	40.8	9.0	13.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.109 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.01 min
Lab File: BF109701.D
Acq: 9 Oct 2018 18:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	31.0	16.0	24.0

