

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095969.D
 Acq On : 16 Jun 2017 22:26
 Operator : SJ/MA
 Sample : I3684-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROAD-COMP

Manual Integrations
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Quant Time: Jun 17 00:43:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	67642	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	278036	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	125735	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	205398	20.00	ng	0.00
75) Chrysene-d12	18.29	240	133330	20.00	ng	-0.01
86) Perylene-d12	19.96	264	134582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	353854	83.36	ng	0.00
7) Phenol-d6	6.89	99	535635	105.40	ng	-0.02
23) Nitrobenzene-d5	8.24	82	327686	73.19	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	56310	50.62	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	641498	71.00	ng	0.00
78) Terphenyl-d14	16.94	244	429882	80.02	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	70543	7.39	ng	98
70) Phenanthrene	14.60	178	52472	4.43	ng	96
74) Fluoranthene	16.39	202	77030	6.57	ng	96
77) Pyrene	16.69	202	66672	6.70	ng	# 94
80) Benzo(a)anthracene	18.28	228	27140	3.50	ng	96
82) Chrysene	18.33	228	27144	3.50	ng	96
85) Indeno(1,2,3-cd)pyrene	21.14	276	17001	2.56	ng	95
87) Benzo(b)fluoranthene	19.56	252	37934	4.50	ng	# 93
89) Benzo(a)pyrene	19.91	252	27629	3.57	ng	98
91) Benzo(g,h,i)perylene	21.47	276	16243	2.42	ng	98

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

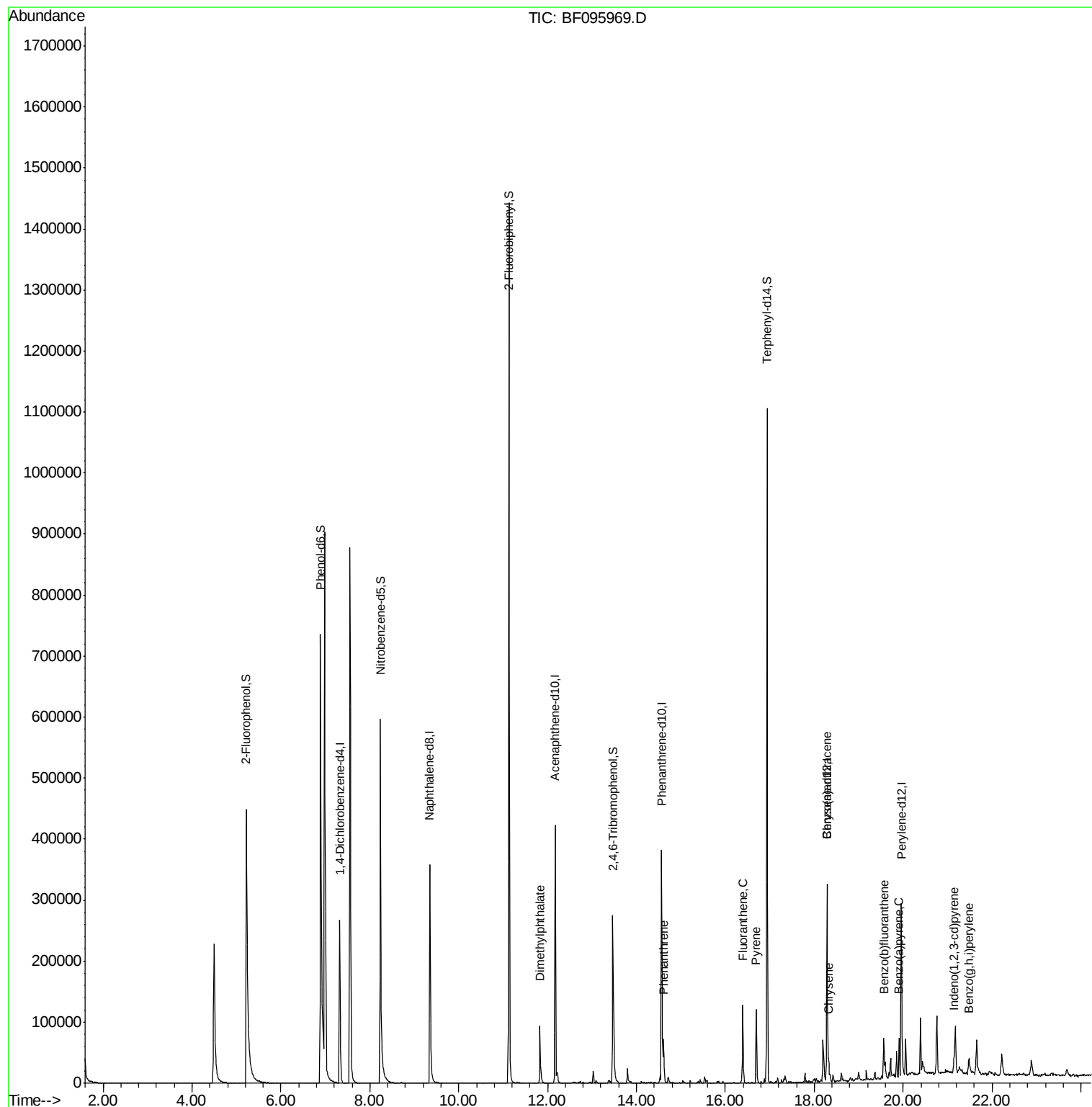
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095969.D
Acq On : 16 Jun 2017 22:26
Operator : SJ/MA
Sample : I3684-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

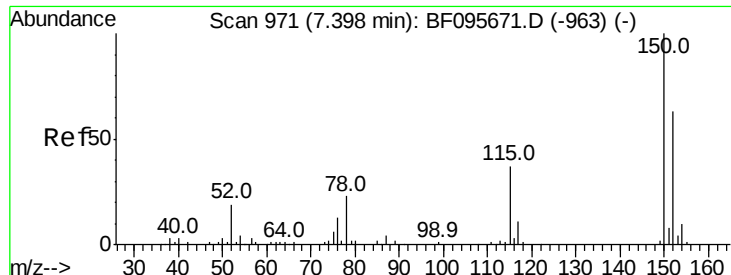
Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

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Quant Time: Jun 17 00:43:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
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QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

Instrument :

BNA_F

ClientSampleId :

SOIL-ROAD-COMP

Tot Ion:152 Resp: 67642

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

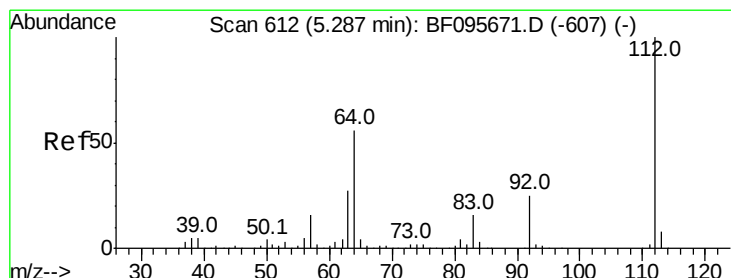
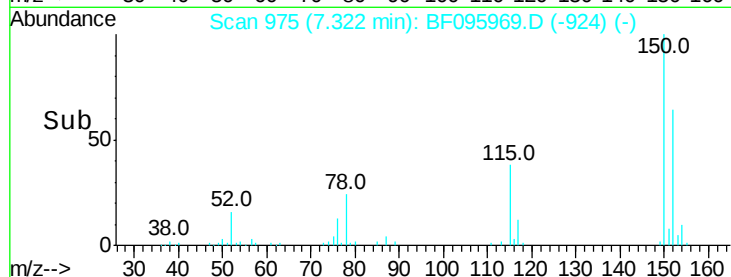
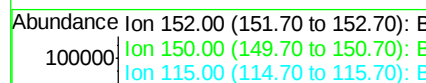
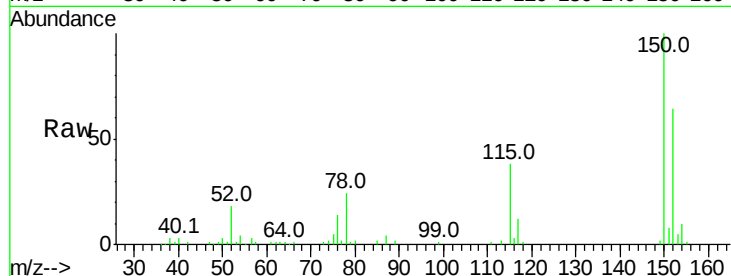
115 59.9 52.2 78.2

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#5

2-Fluorophenol

Concen: 83.36 ng

RT: 5.22 min Scan# 618

Delta R.T. 0.01 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

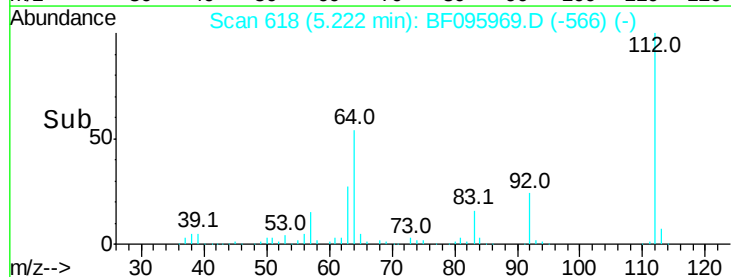
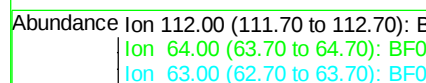
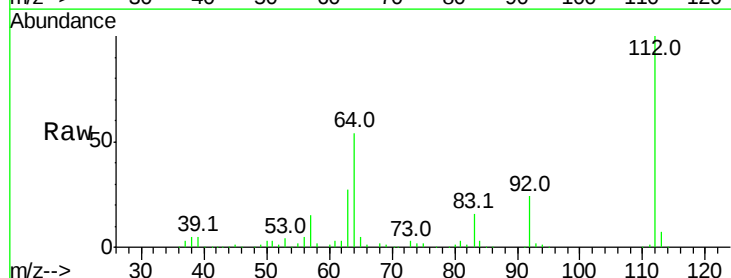
Tgt Ion:112 Resp: 353854

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

63 26.6 23.4 35.0





#7

Phenol-d6

Concen: 105.40 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

Instrument :

BNA_F

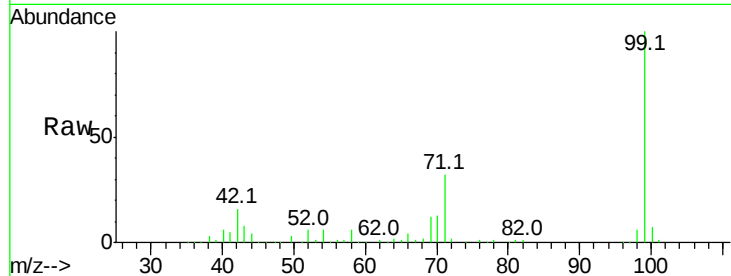
ClientSampleId :

SOIL-ROAD-COMP

Tot Ion:	99	Resp:	535635
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.5	20.3
71	31.7	24.5	36.7

Manual Integrations
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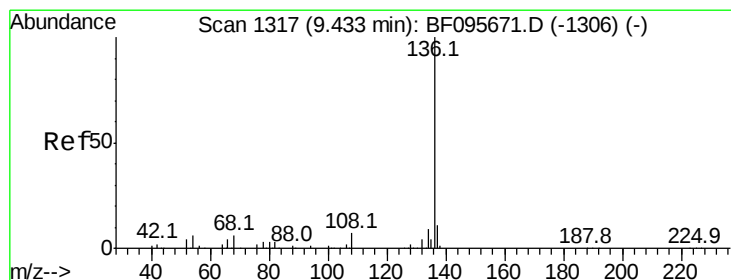
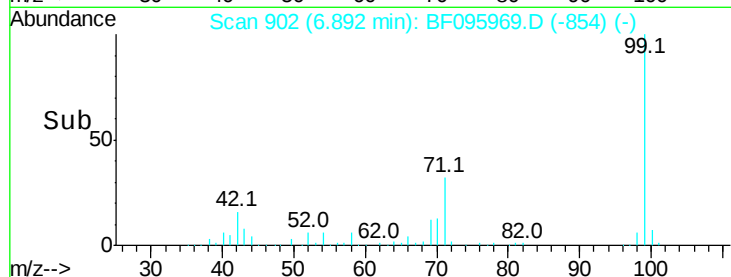
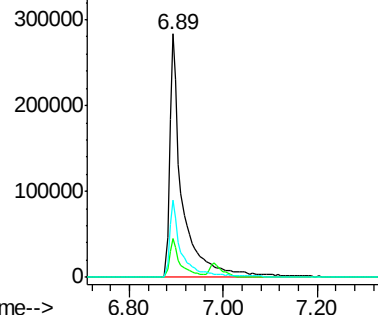
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

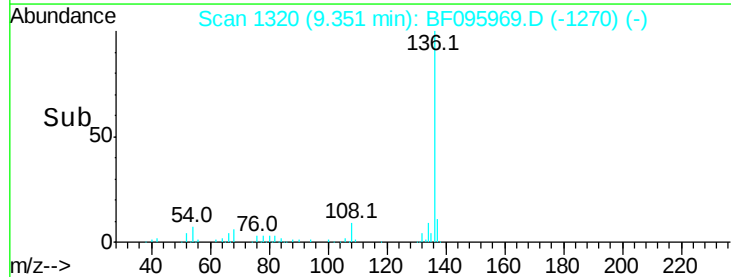
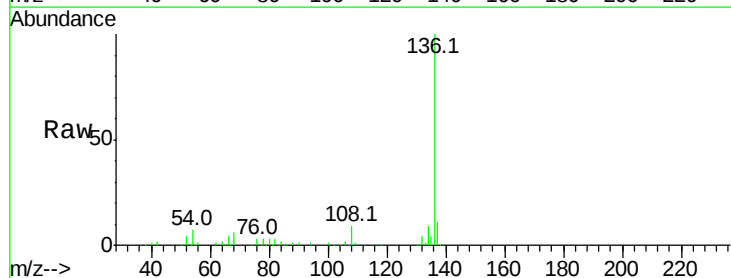
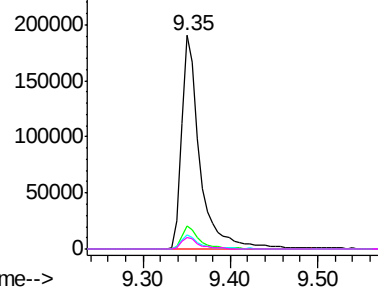
Tgt Ion:	136	Resp:	278036
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	6.8	4.9	7.3
68	5.6	4.1	6.1

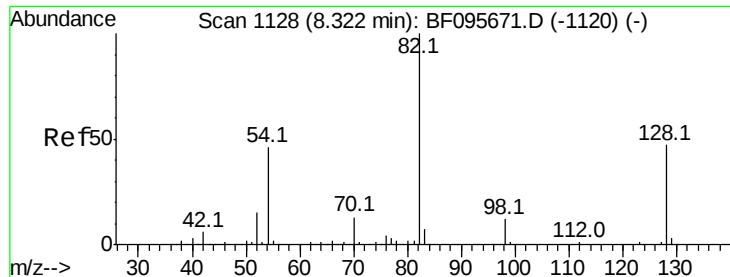
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





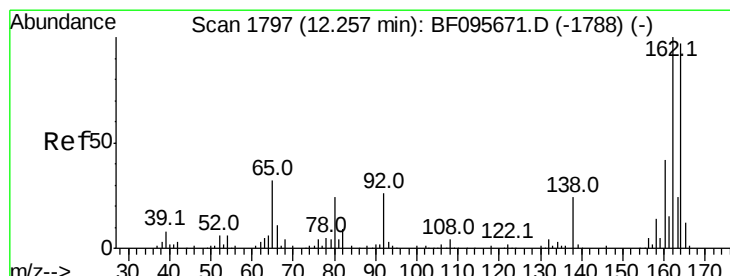
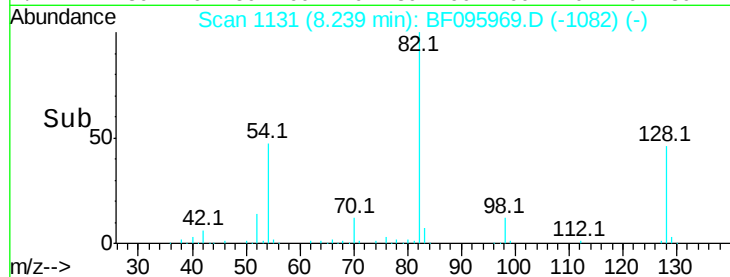
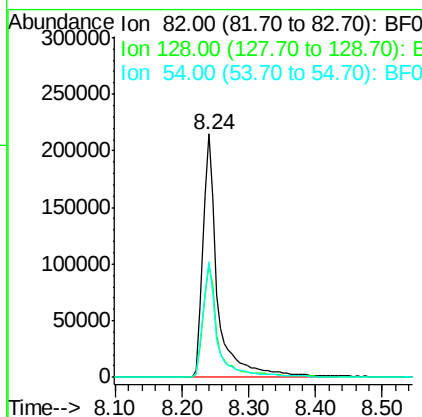
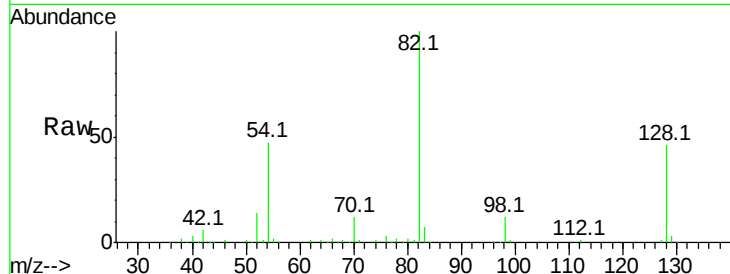
#23
Nitrobenzene-d5
Concen: 73.19 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.0	34.0	51.0	
54	47.3	42.2	63.2	

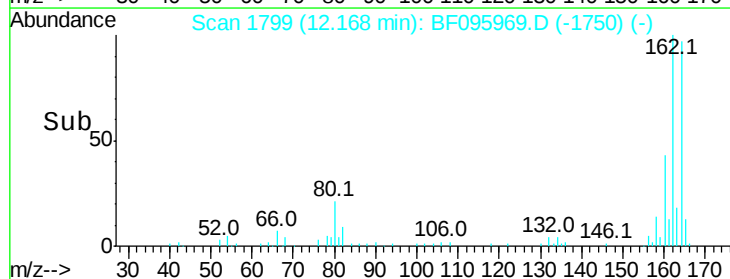
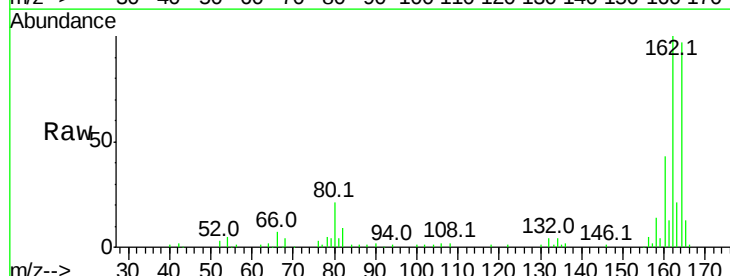
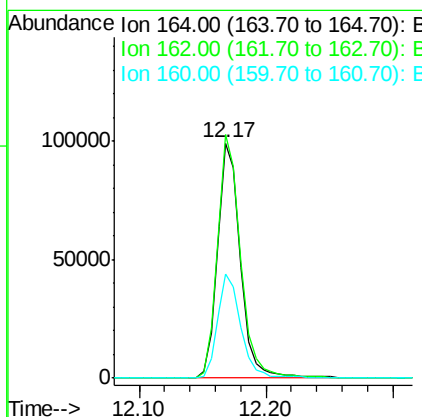
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.6	82.6	123.8	
160	44.3	36.2	54.2	





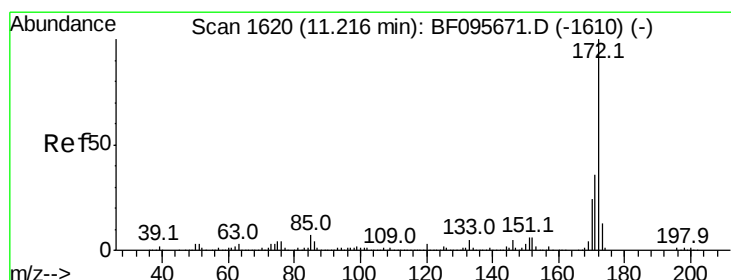
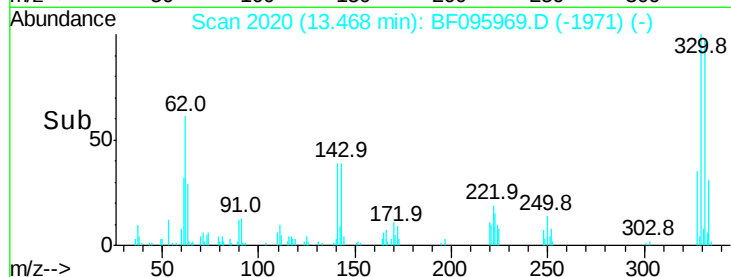
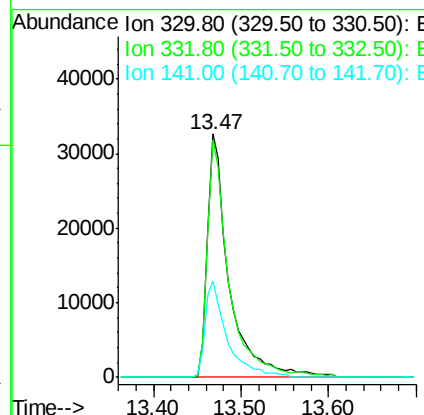
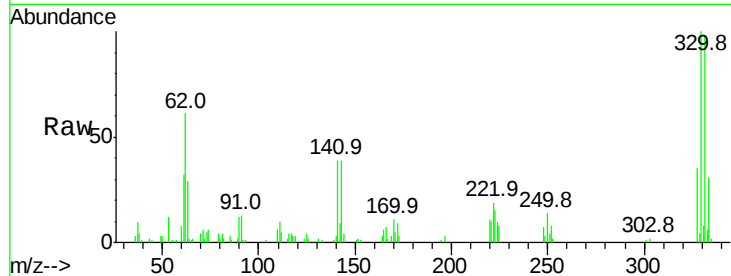
#41
 2,4,6-Tribromophenol
 Concen: 50.62 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095969.D
 Acq: 16 Jun 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.6	31.4	47.2

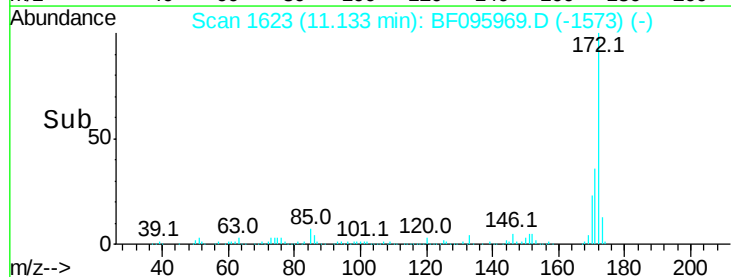
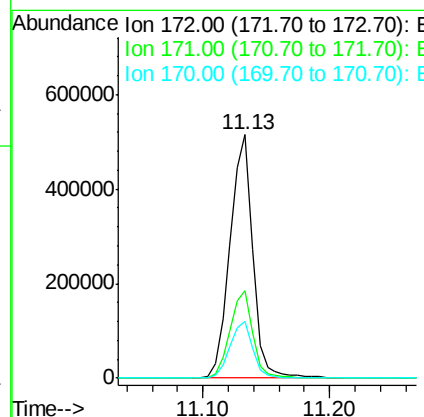
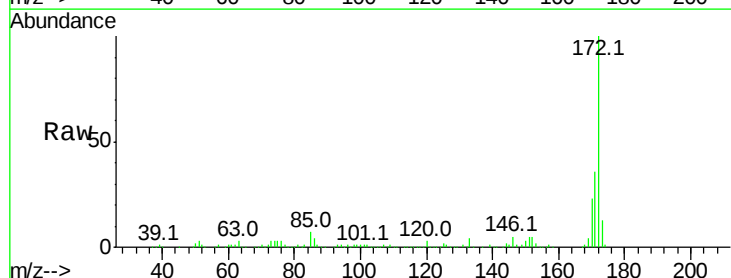
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#44
 2-Fluorobiphenyl
 Concen: 71.00 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095969.D
 Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.5	19.8	29.8





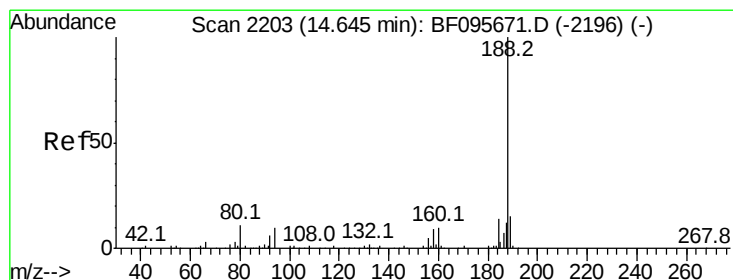
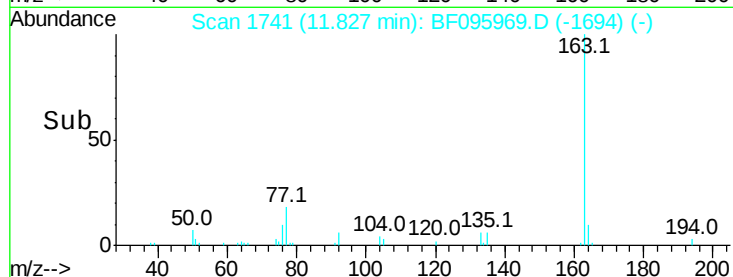
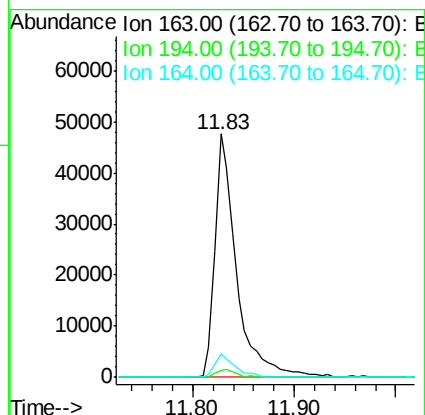
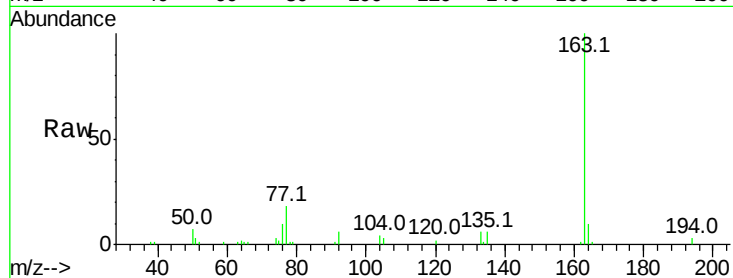
#49
Dimethylphthalate
Concen: 7.39 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6

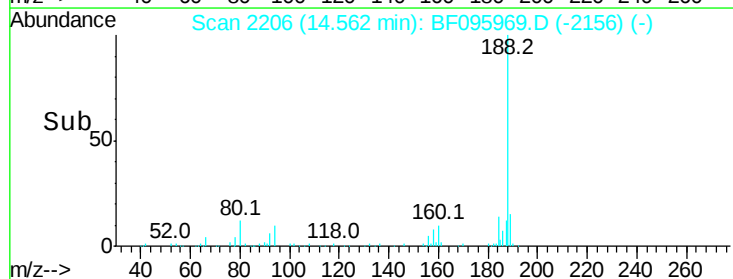
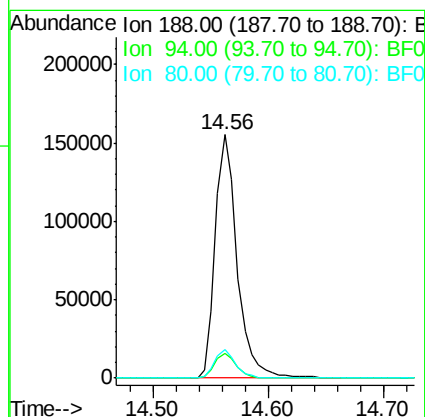
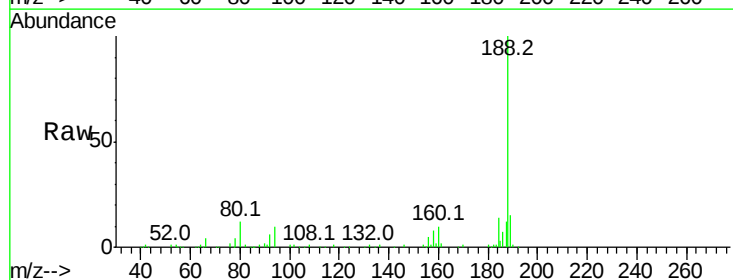
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	11.6	10.2	15.2





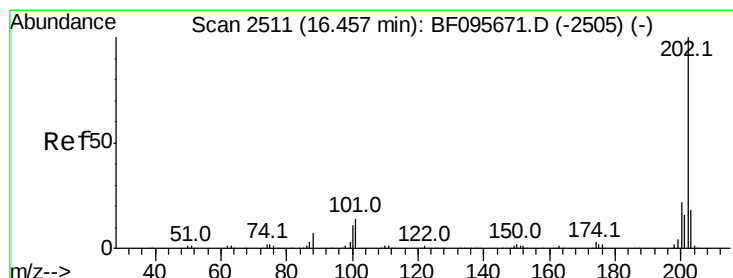
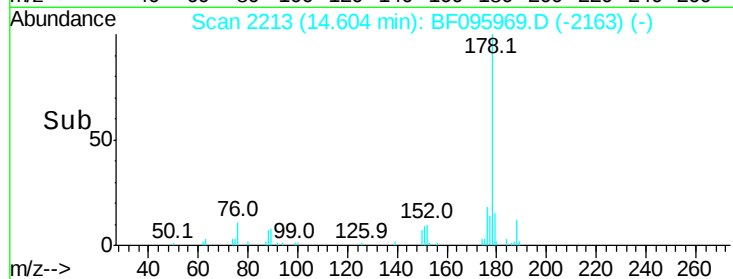
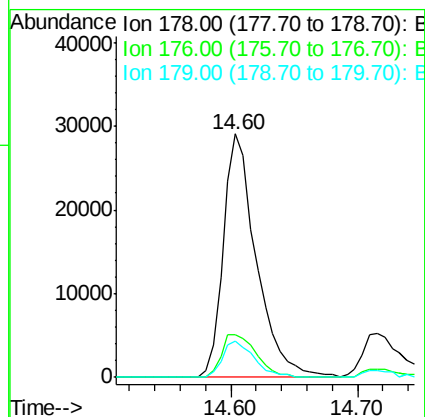
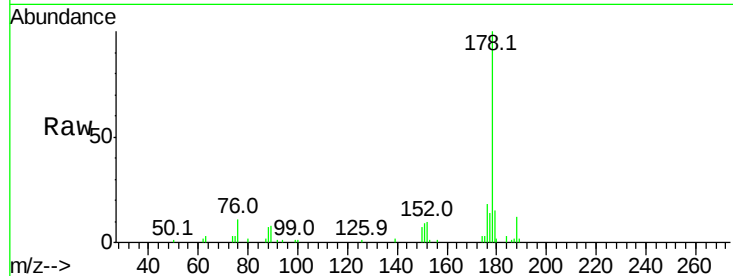
#70
Phenanthrene
Concen: 4.43 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	16.2	24.4
179	15.1	12.6	19.0

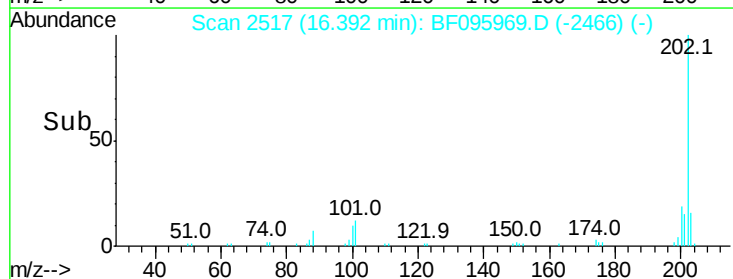
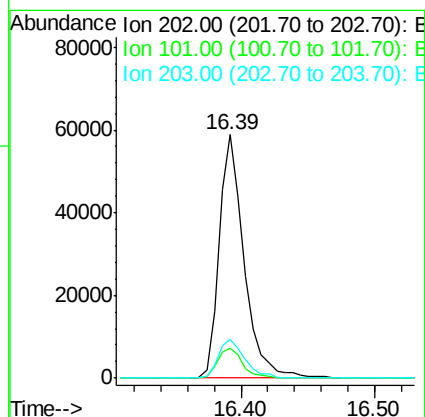
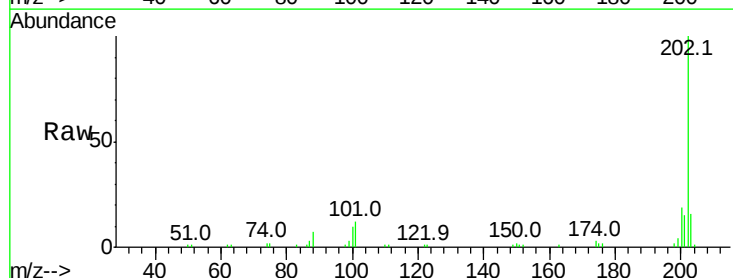
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#74
Fluoranthene
Concen: 6.57 ng
RT: 16.39 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.2
203	16.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

Instrument :

BNA_F

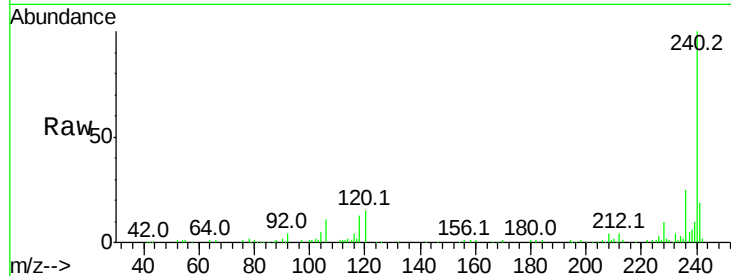
ClientSampleId :

SOIL-ROAD-COMP

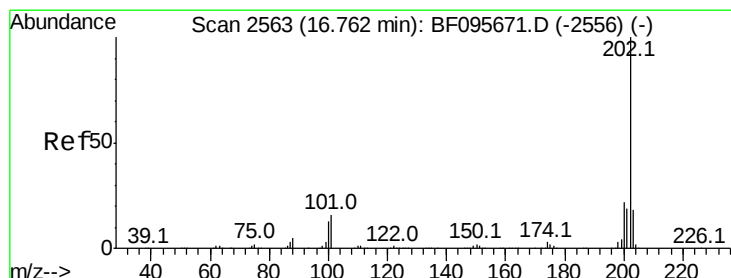
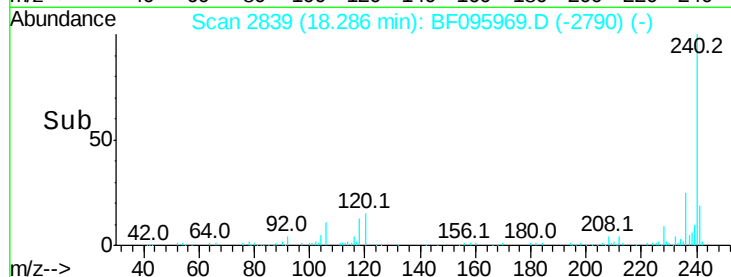
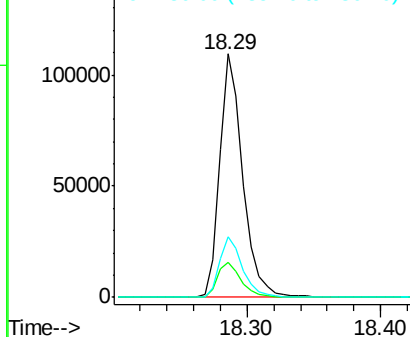
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.8	20.5	30.7

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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: 6.70 ng

RT: 16.69 min Scan# 2568

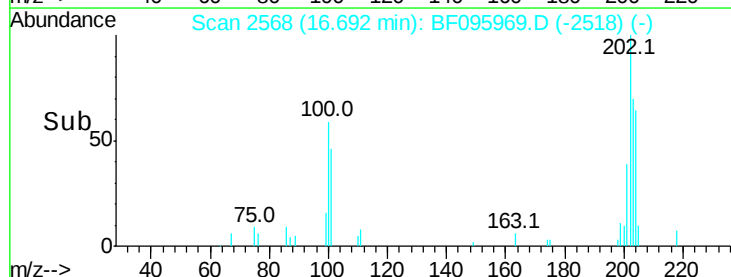
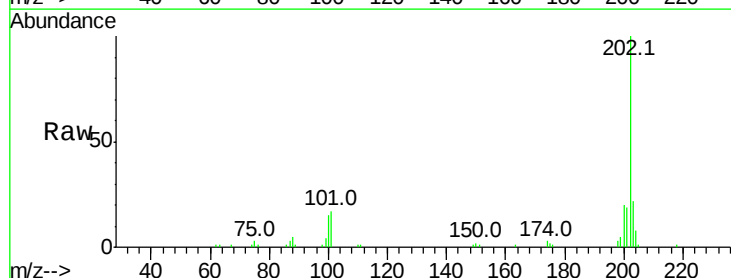
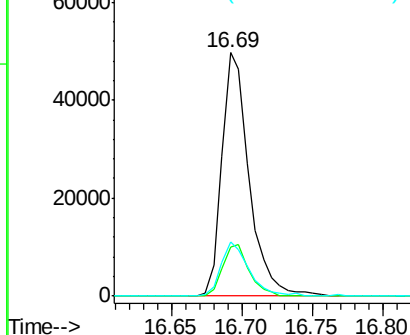
Delta R.T. -0.01 min

Lab File: BF095969.D

Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	22.4	14.4	21.6#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





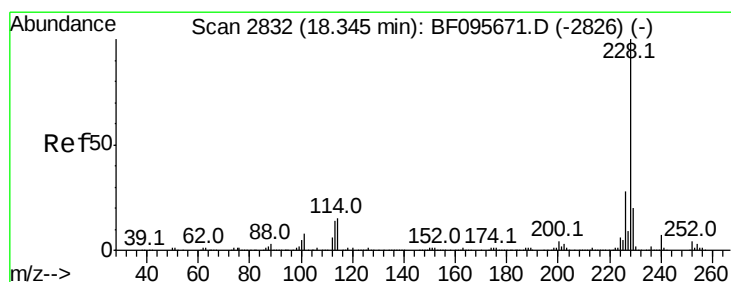
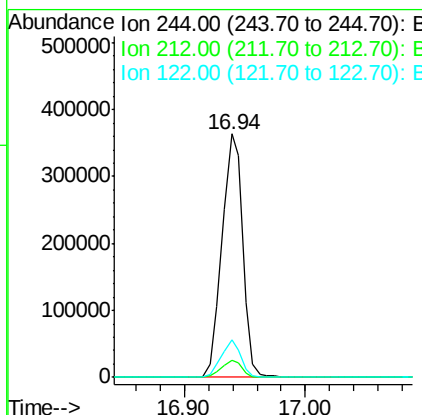
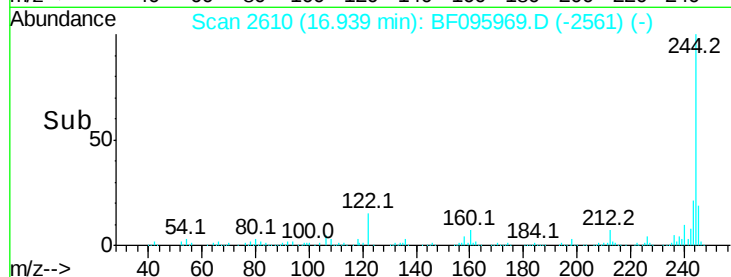
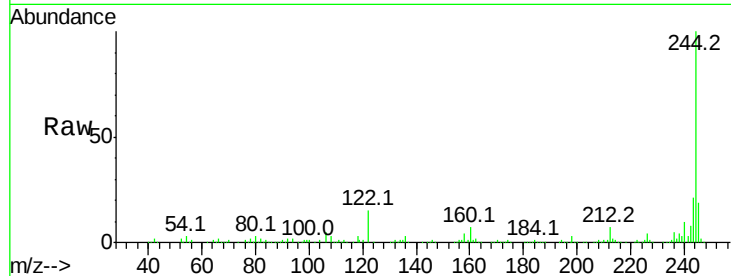
#78
 Terphenyl-d14
 Concen: 80.02 ng
 RT: 16.94 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF095969.D
 Acq: 16 Jun 2017 22:26

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	15.4	10.3	15.5

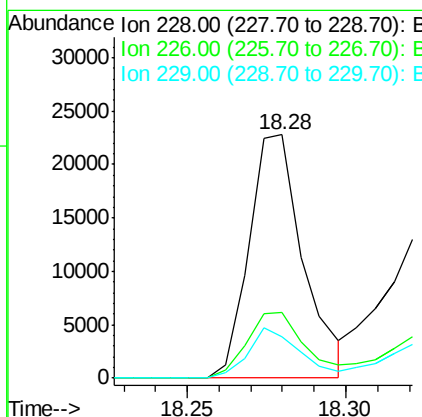
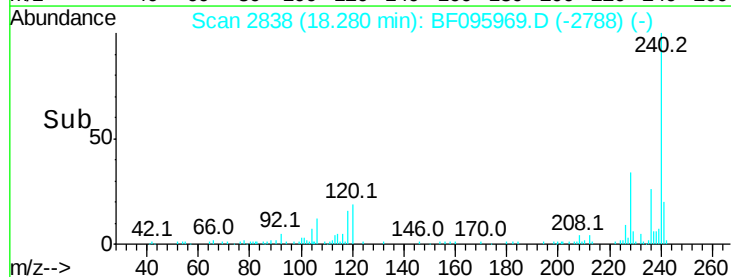
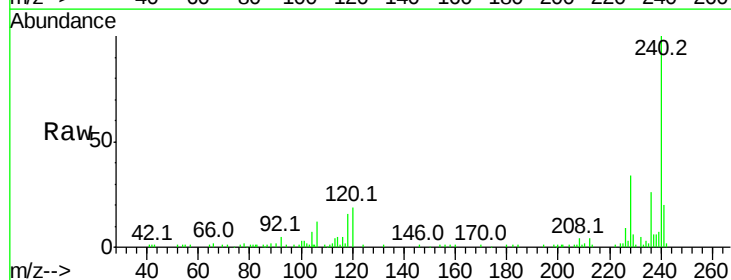
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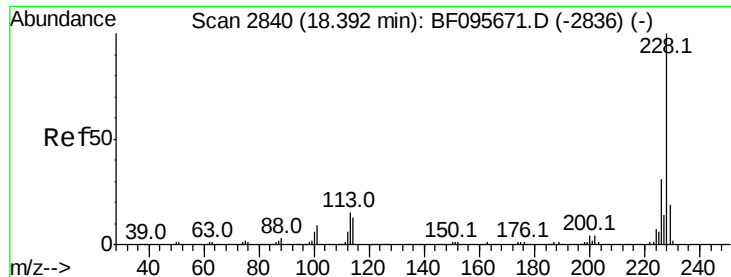
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#80
 Benzo(a)anthracene
 Concen: 3.50 ng
 RT: 18.28 min Scan# 2838
 Delta R.T. -0.01 min
 Lab File: BF095969.D
 Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	16.8	16.3	24.5





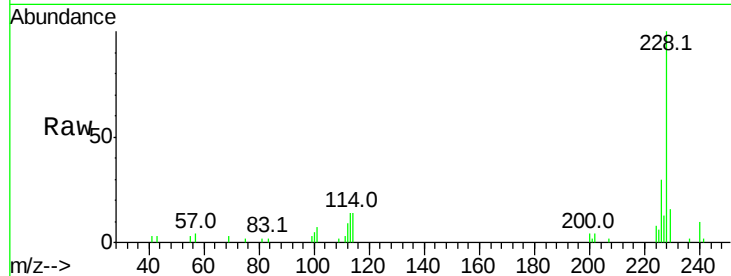
#82
Chrysene
Concen: 3.50 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

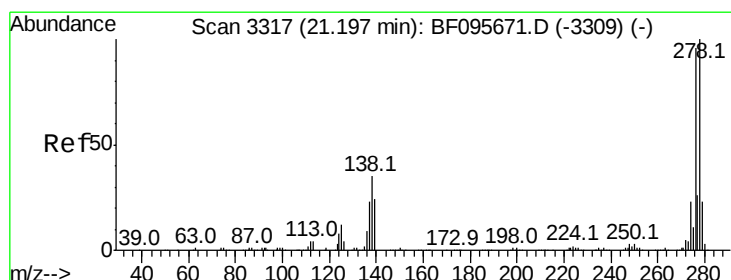
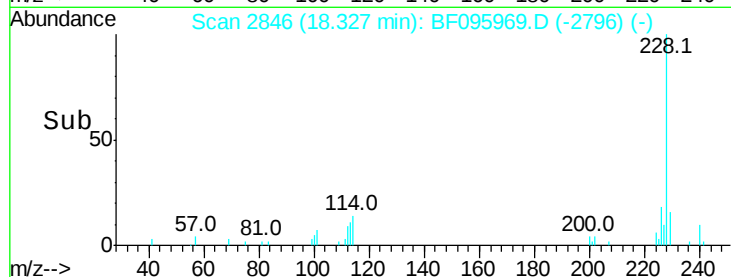
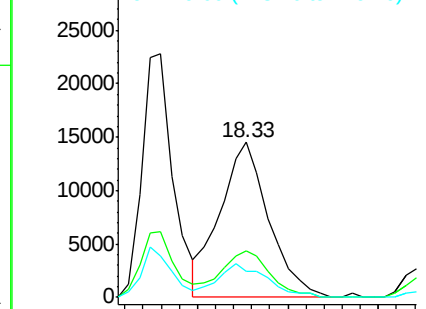
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.9	37.3
229	16.5	15.8	23.6

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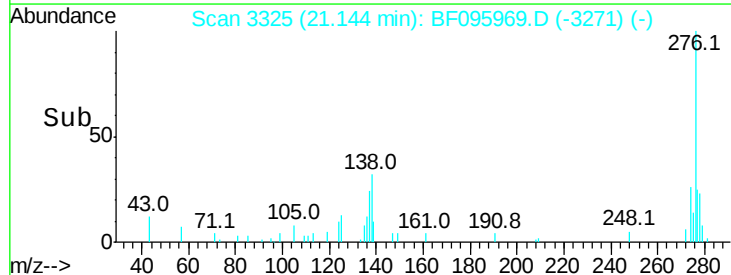
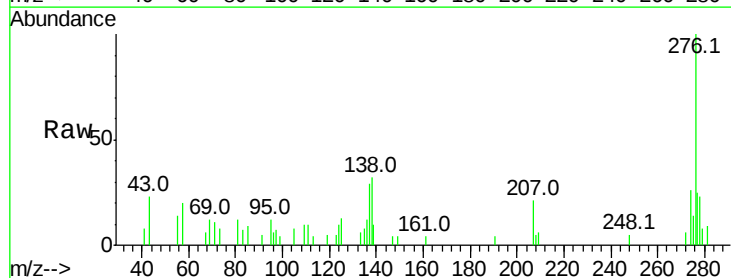
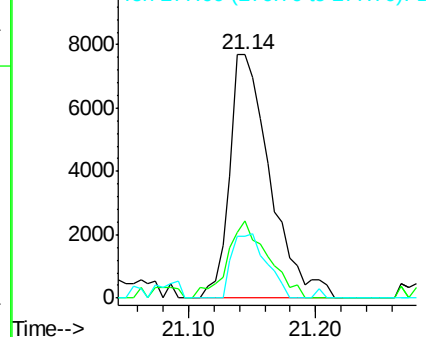
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

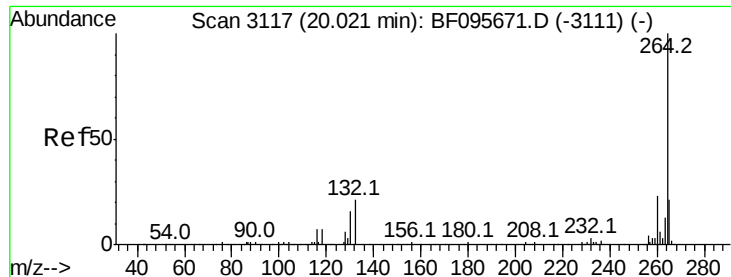


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.56 ng
RT: 21.14 min Scan# 3325
Delta R.T. 0.02 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.8	27.8	41.6
277	22.5	20.2	30.4

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





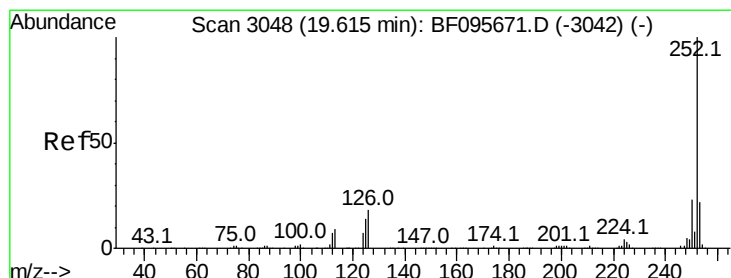
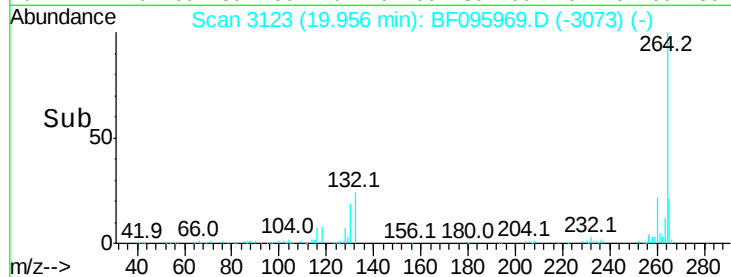
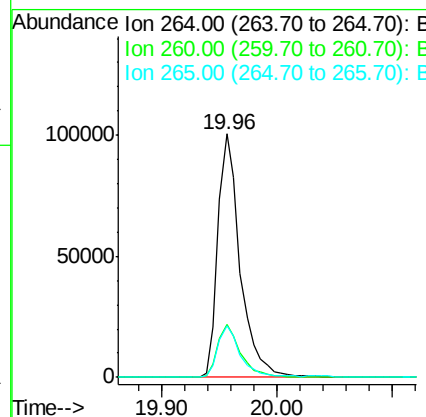
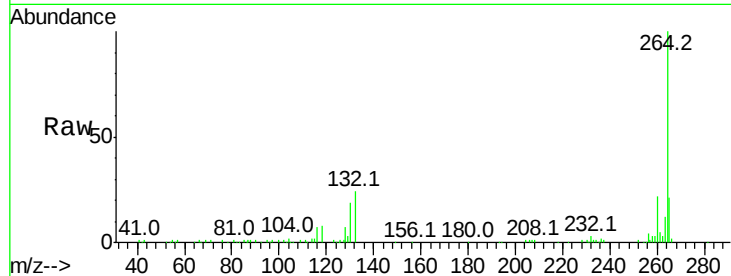
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	19.5	29.3
265	20.9	17.2	25.8

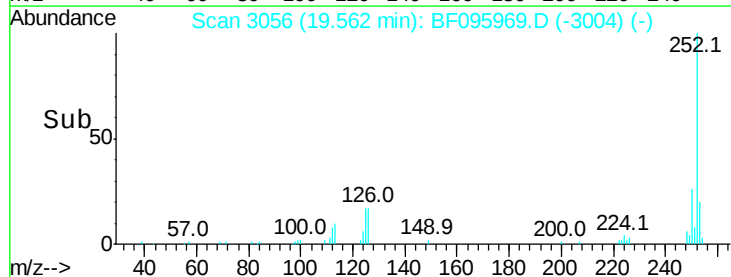
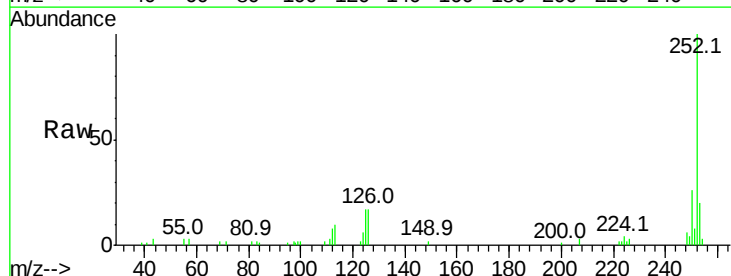
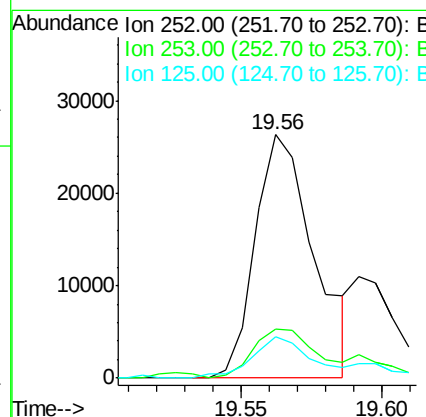
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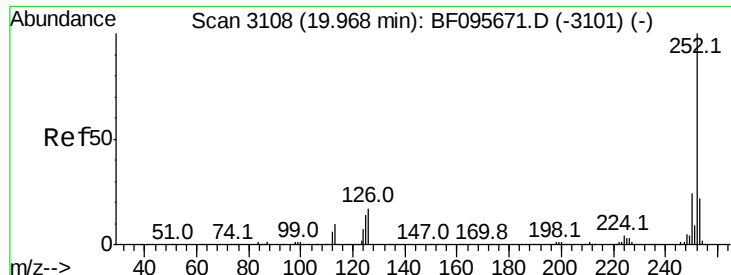
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#87
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	16.8	9.8	14.8





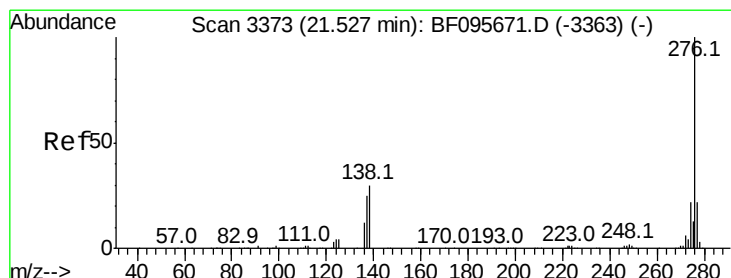
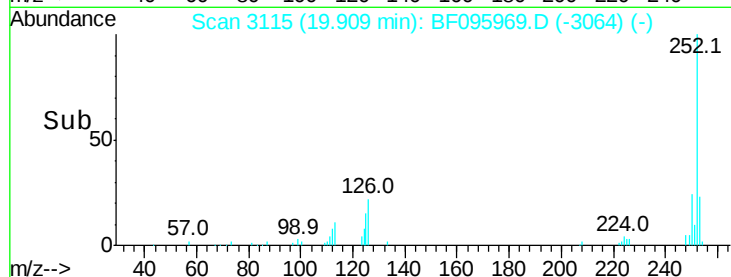
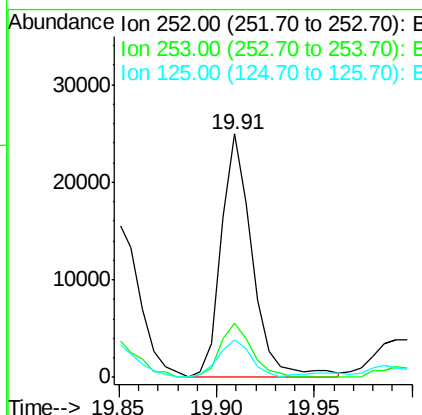
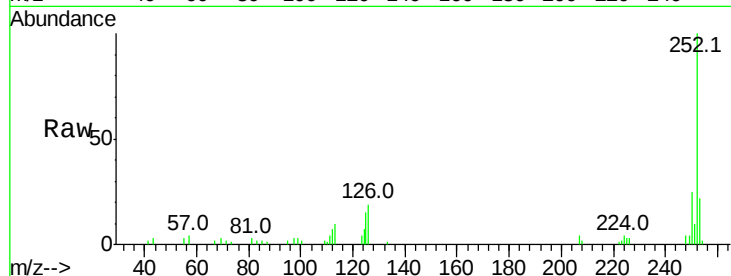
#89
Benzo(a)pyrene
Concen: 3.57 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Instrument :
BNA_F
ClientSampleId :
SOIL-ROAD-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	15.2	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 21.47 min Scan# 3381
Delta R.T. 0.03 min
Lab File: BF095969.D
Acq: 16 Jun 2017 22:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	31.5	25.4	38.0

