

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
 Data File : BF109689.D
 Acq On : 9 Oct 2018 11:10
 Operator : JU/SJ
 Sample : J5293-03DL 25X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VW-CONCRETE-FLOORDL

Manual Integrations
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Sohil
 10/9/2018 2:58:24 PM

Quant Time: Oct 09 11:51:39 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	68440	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	315303	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	124579	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	211196	20.00	ng	0.00
75) Chrysene-d12	13.83	240	177714	20.00	ng	0.00
86) Perylene-d12	15.23	264	159937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.50	99	6200m	1.20	ng	0.14
23) Nitrobenzene-d5	7.36	82	5870m	1.03	ng	0.09
41) 2,4,6-Tribromophenol	10.52	330	1529	1.13	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	14225	1.57	ng	0.00
78) Terphenyl-d14	12.78	244	14152	1.54	ng	0.00
Target Compounds						
70) Phenanthrene	11.23	178	311294	29.453	ng	99
71) Anthracene	11.28	178	27759m	2.541	ng	
72) Carbazole	11.45	167	22834	2.155	ng	# 91
74) Fluoranthene	12.42	202	527501	47.775	ng	97
77) Pyrene	12.64	202	470298	36.120	ng	99
80) Benzo(a)anthracene	13.82	228	113894	11.614	ng	96
82) Chrysene	13.86	228	109113	10.592	ng	97
85) Indeno(1,2,3-cd)pyrene	16.58	276	20959	2.843	ng	96
87) Benzo(b)fluoranthene	14.84	252	102268m	11.571	ng	
88) Benzo(k)fluoranthene	14.86	252	32276m	3.635	ng	
89) Benzo(a)pyrene	15.17	252	23161	2.888	ng	# 76
91) Benzo(a,h,i)perylene	16.98	276	16639	2.530	ng	97

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

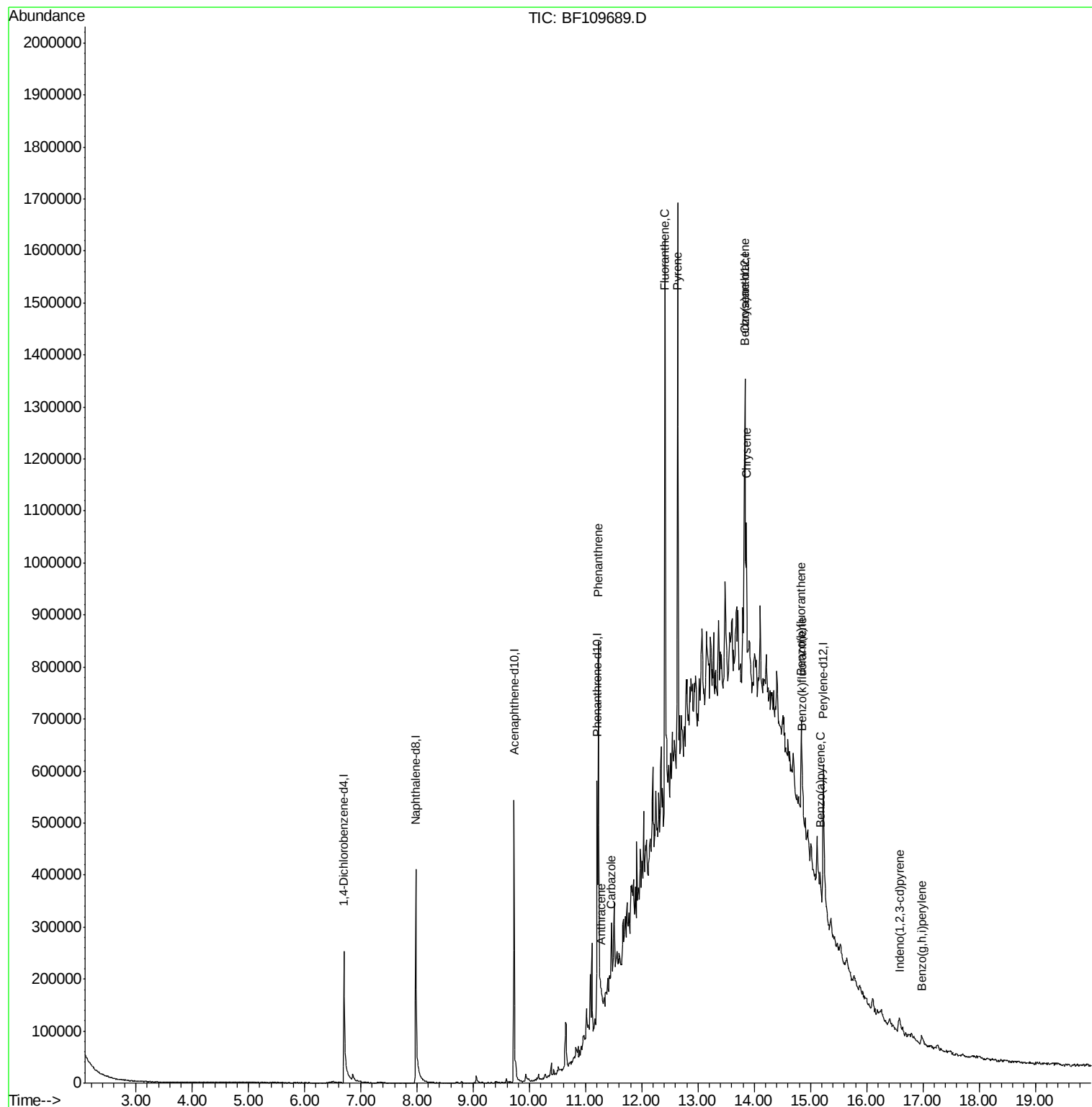
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109689.D
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ALS Vial : 38 Sample Multiplier: 1

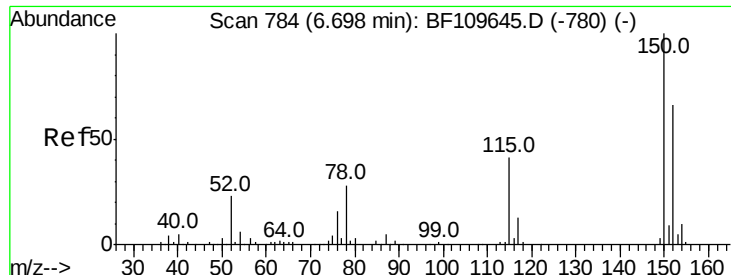
Instrument :
BNA_F
ClientSampleId :
VW-CONCRETE-FLOODL

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Quant Time: Oct 09 11:51:39 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

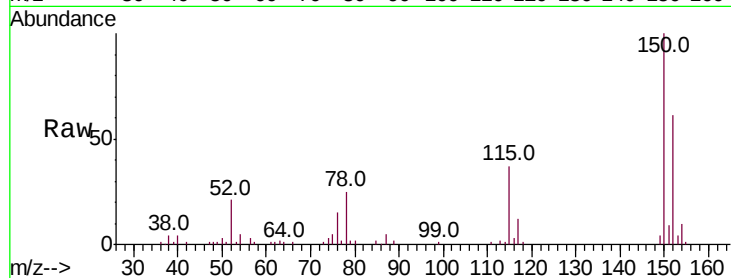
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	122.7	184.1
115	61.5	49.1	73.7

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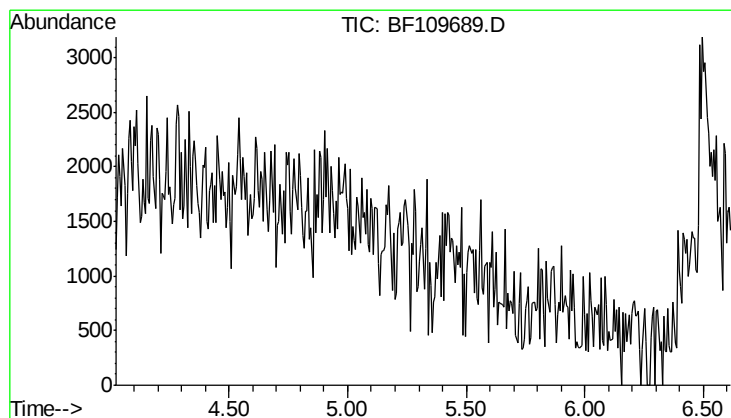
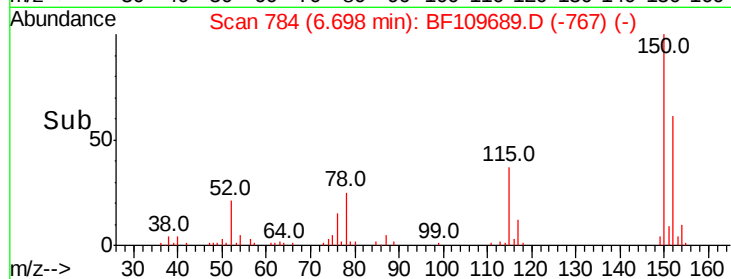
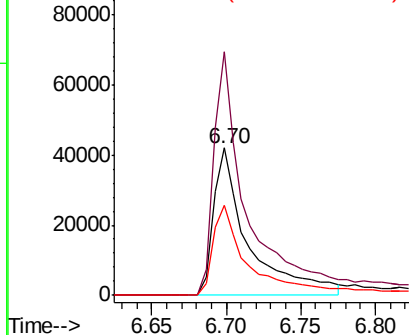


Abundance

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

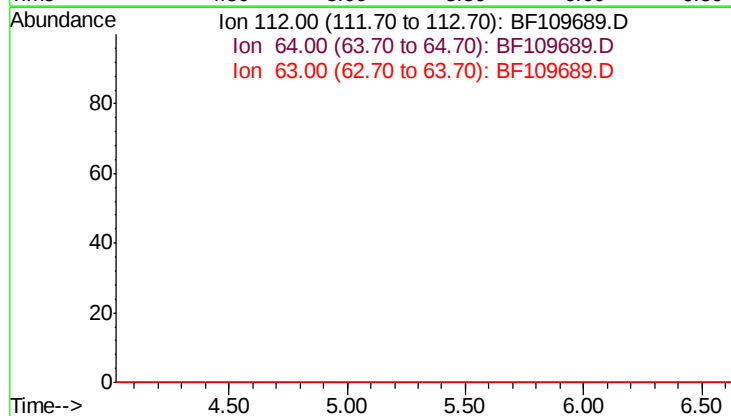


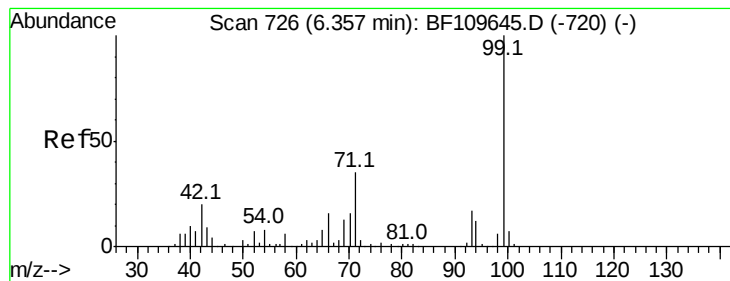
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.32 min

Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion	Sig	Exp Ratio
112	100	
64	55.1	
63	29.6	





#7

Phenol-d6

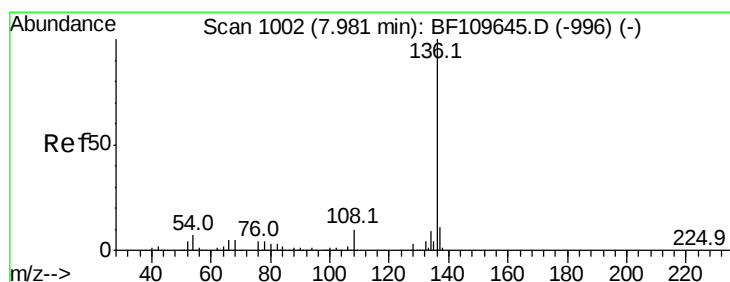
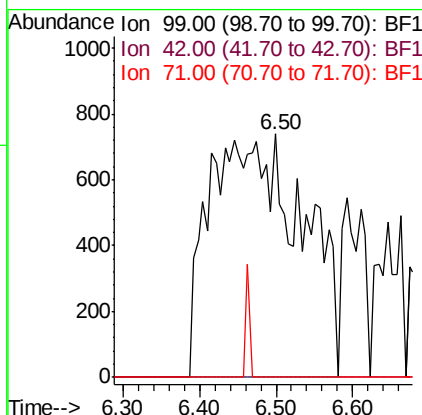
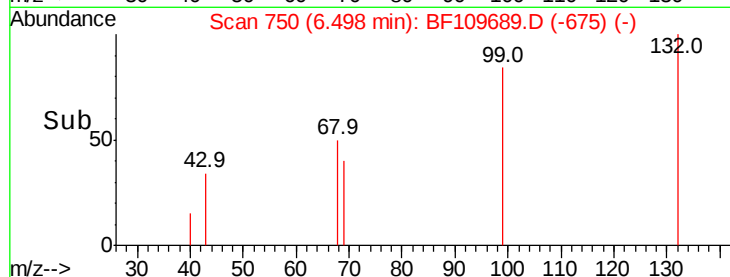
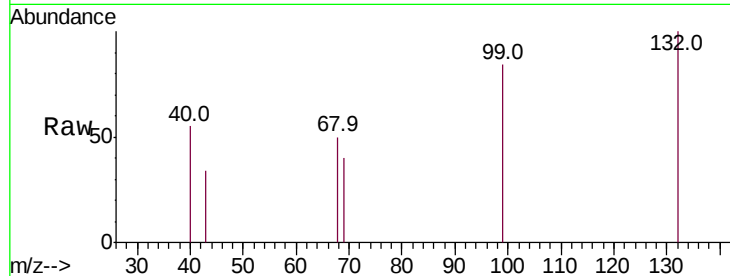
Concen: 1.204 ng/mL
 RT: 6.50 min Scan# 750
 Delta R.T. 0.14 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleID :
 VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.8	23.6#
71	0.0	28.0	42.0#

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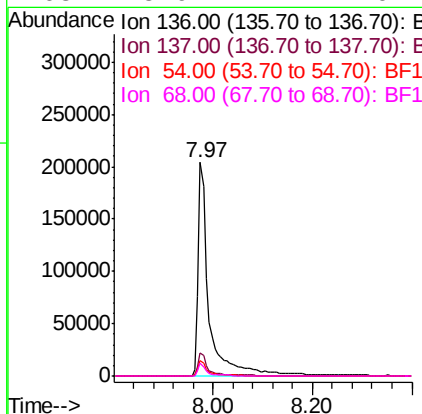
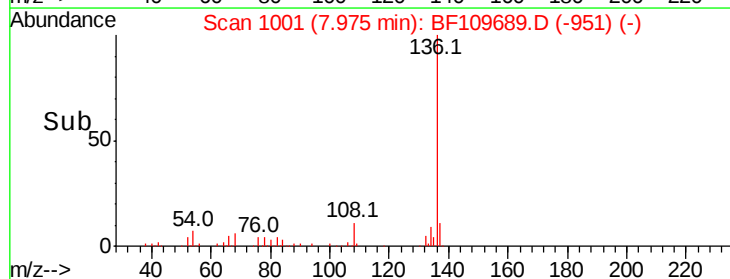
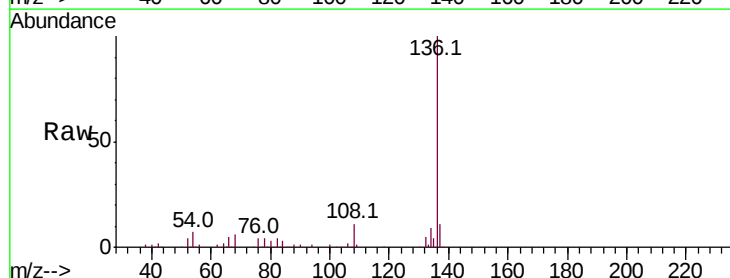


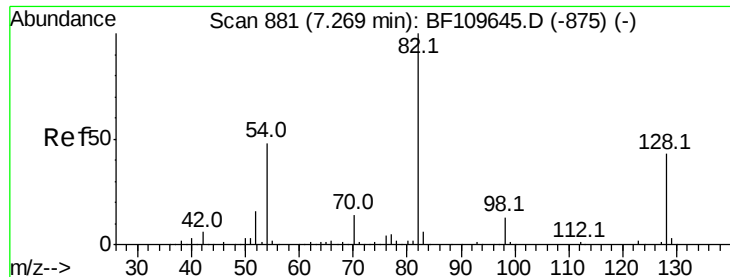
#21

Naphthalene-d8

Concen: 20.000 ng/mL
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.9	5.4	8.2
68	5.9	4.2	6.2





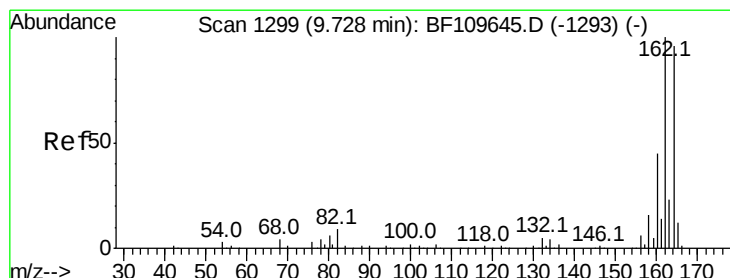
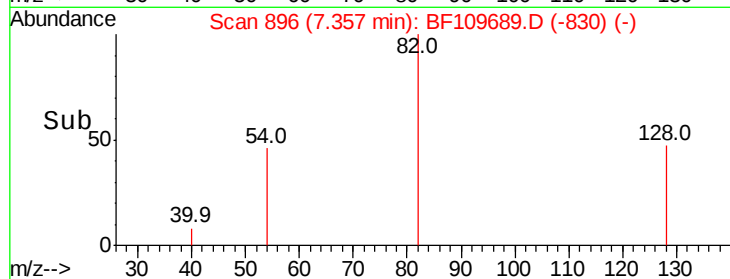
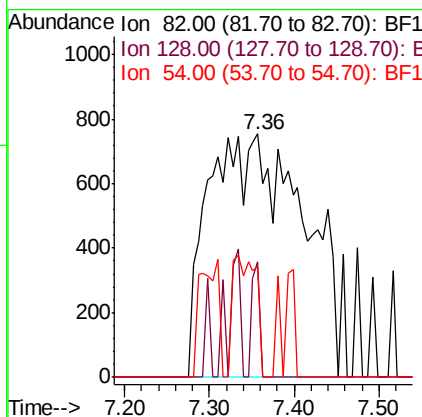
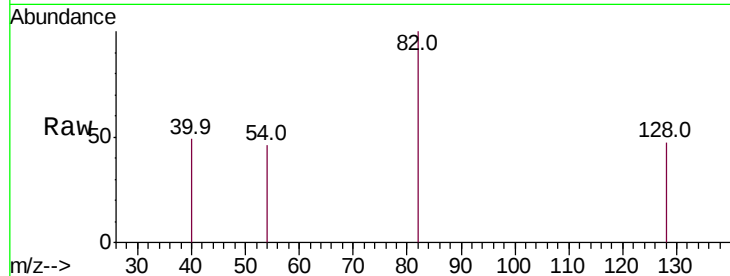
#23
 Nitrobenzene-d5
 Concen: 1.026 ng/ml
 RT: 7.36 min Scan# 896
 Delta R.T. 0.09 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleID :
 VW-CONCRETE-FLOORDL

Tot Ion:	82	Resp:	5870
Ion Ratio	Lower	Upper	
82	100		
128	47.2	34.2	51.2
54	45.6	38.6	58.0

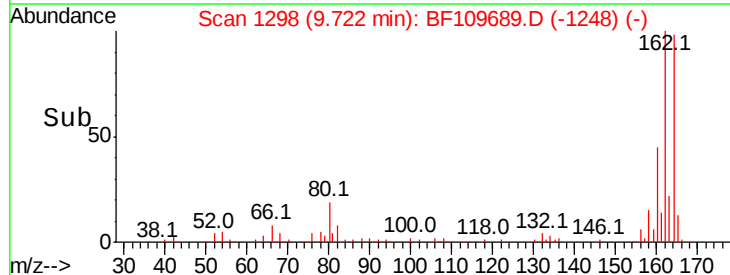
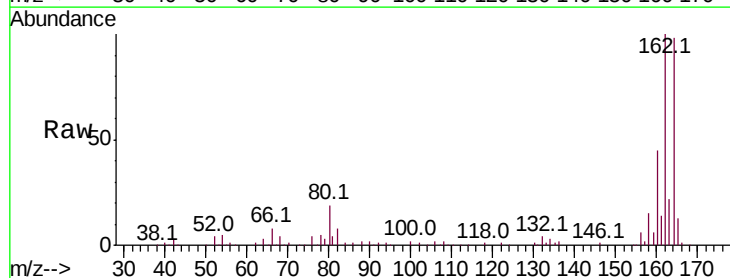
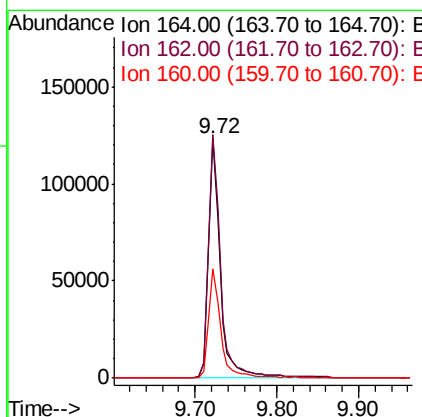
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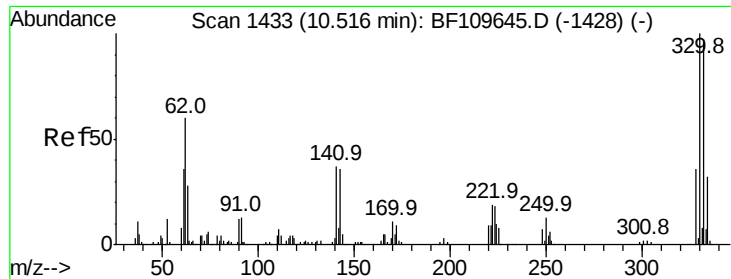
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion:	164	Resp:	124579
Ion Ratio	Lower	Upper	
164	100		
162	101.6	83.0	124.6
160	45.8	37.0	55.6





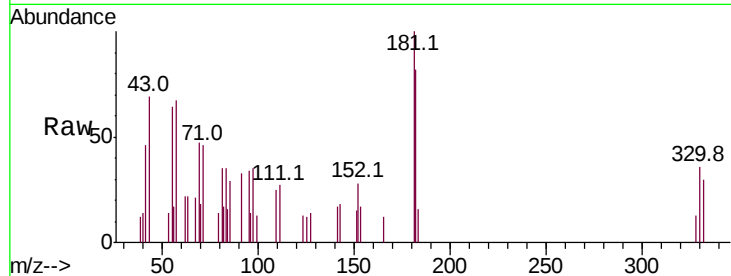
#41
 2,4,6-Tribromophenol
 Concen: 1.126 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 VW-CONCRETE-FLOORDL

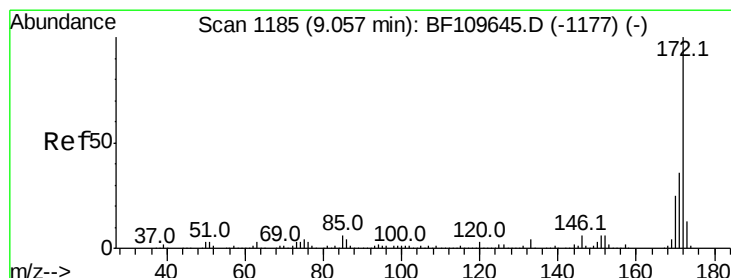
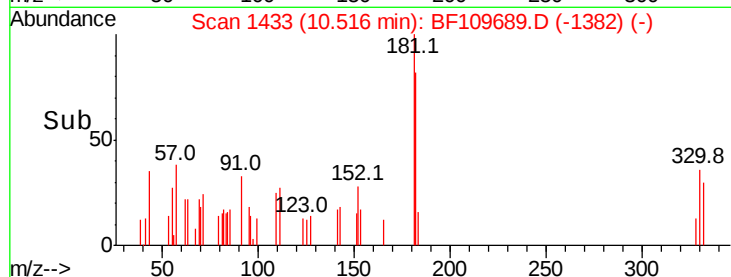
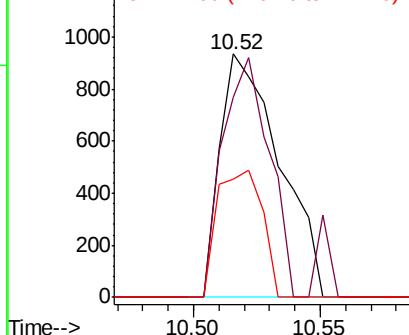
Tot Ion:330 Resp: 1529
 Ion Ratio Lower Upper
 330 100
 332 76.8 77.1 115.7#
 141 39.3 27.0 40.4

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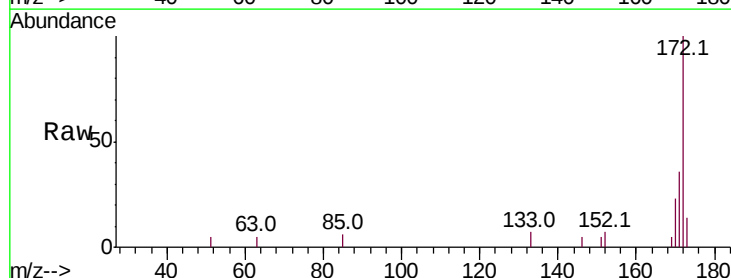


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

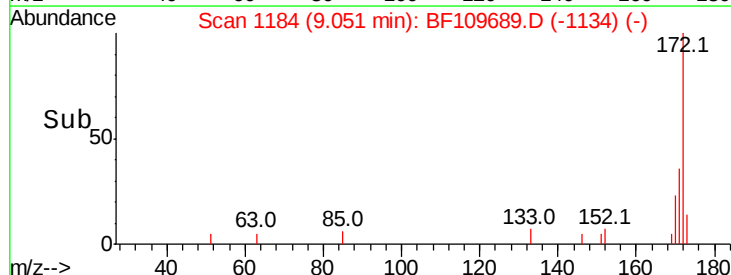
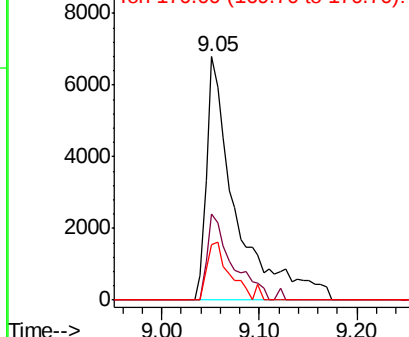


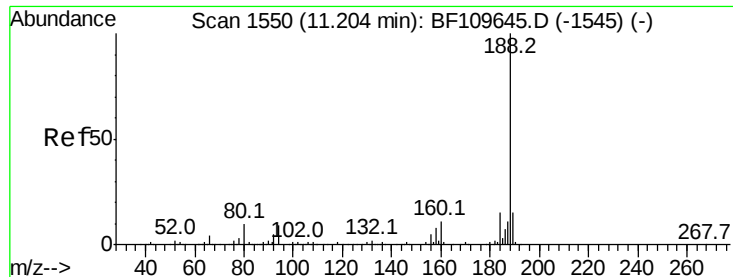
#44
 2-Fluorobiphenyl
 Concen: 1.573 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion:172 Resp: 14225
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.0 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





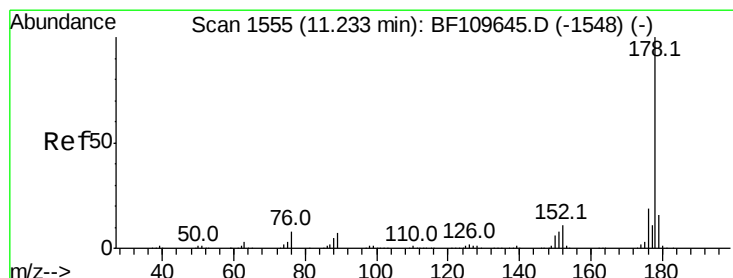
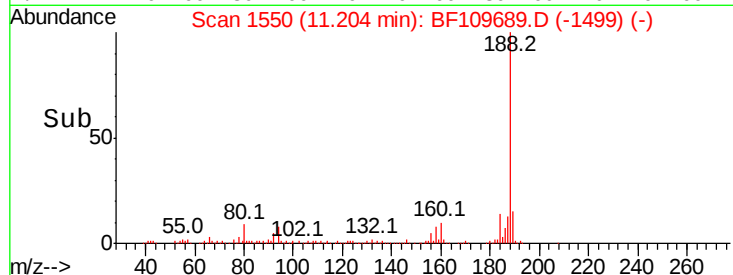
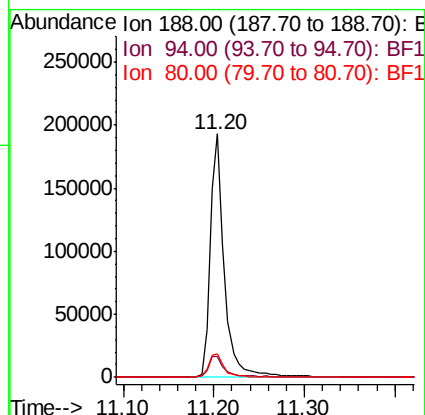
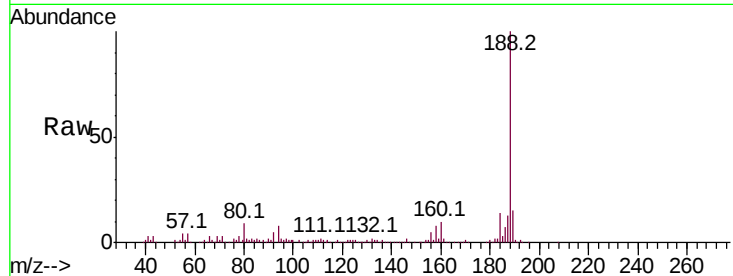
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Instrument :
BNA_F
ClientSampleId :
VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.5	7.2	10.8	
80	9.5	7.9	11.9	

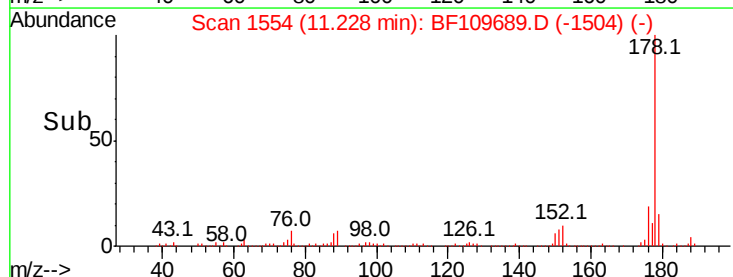
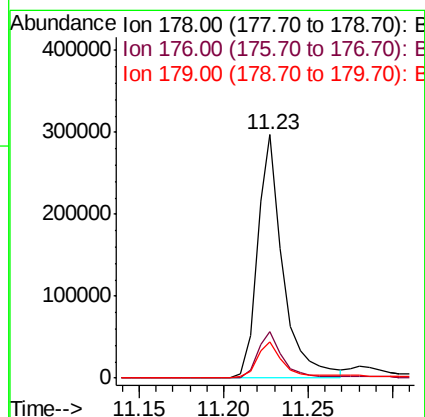
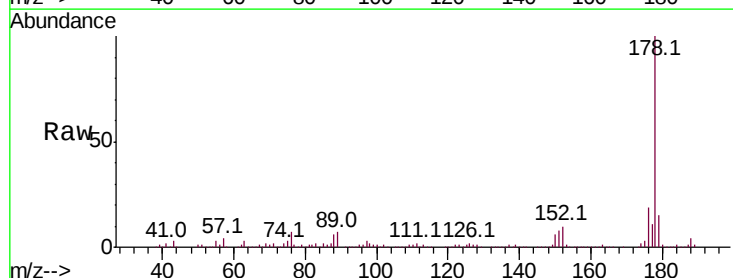
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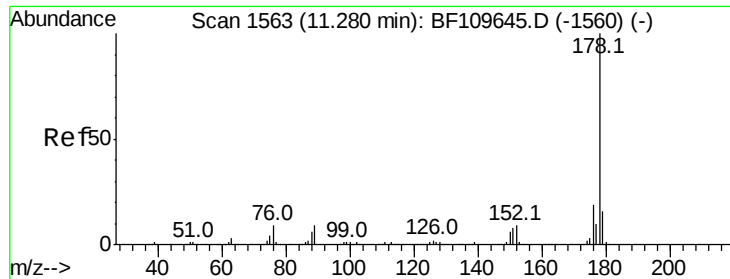
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#70
Phenanthrene
Concen: 29.453 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.3	15.5	23.3	
179	15.2	12.5	18.7	





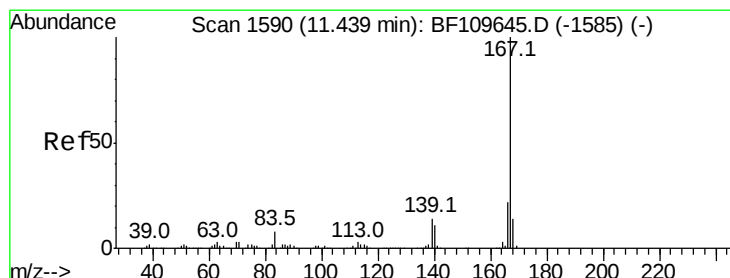
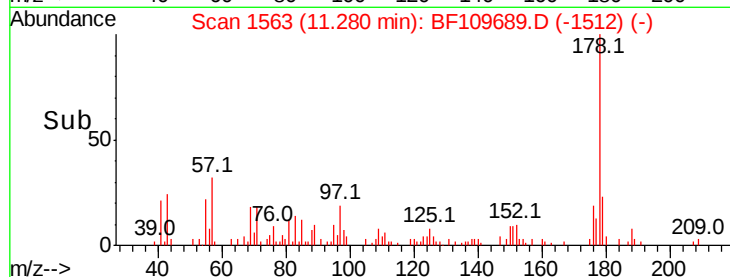
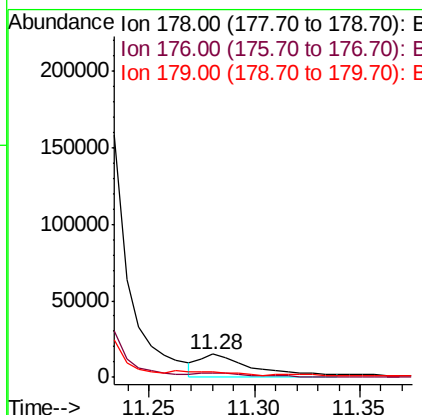
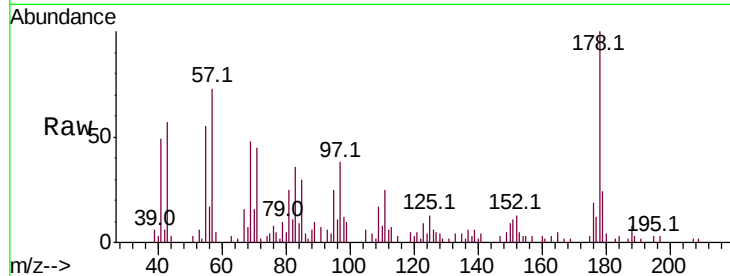
#71
 Anthracene
 Concen: 2.541 ng m
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	24.4	12.6	18.8

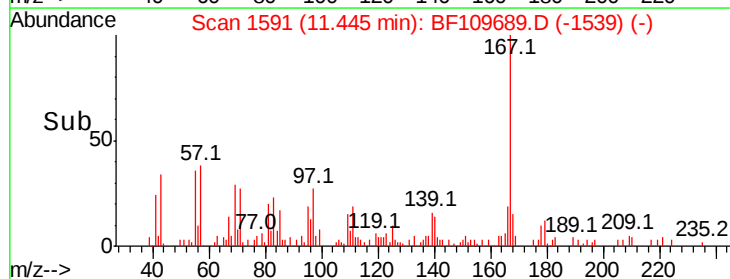
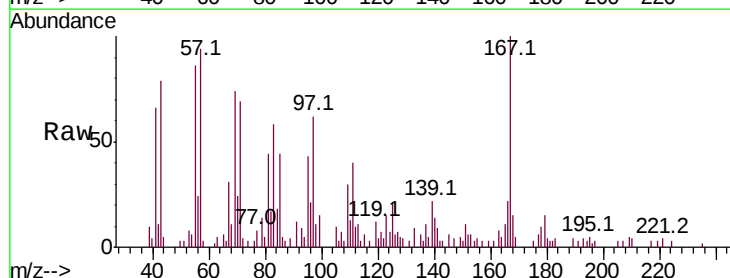
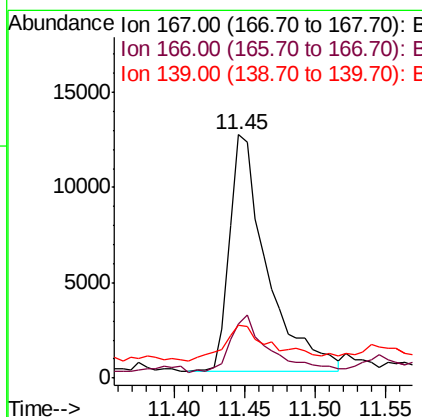
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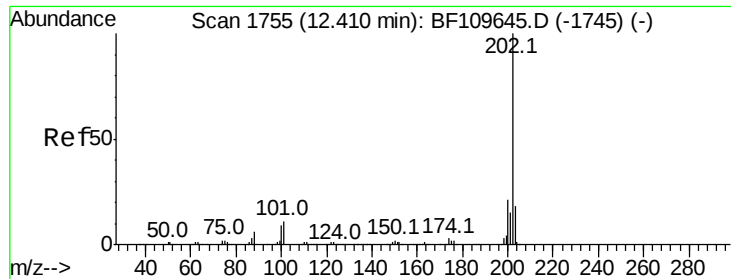
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#72
 Carbazole
 Concen: 2.155 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	21.9	10.9	16.3





#74

Fluoranthene

Concen: 47.775 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.01 min

Lab File: BF109689.D

Acq: 9 Oct 2018 11:10

Instrument :

BNA_F

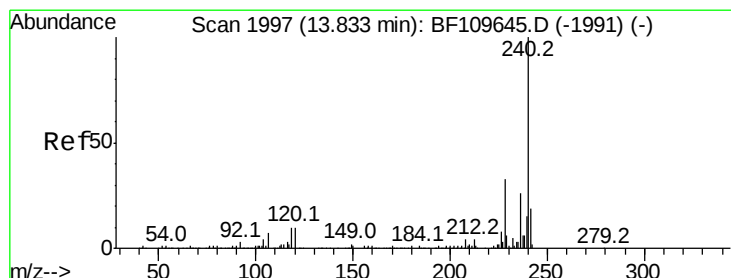
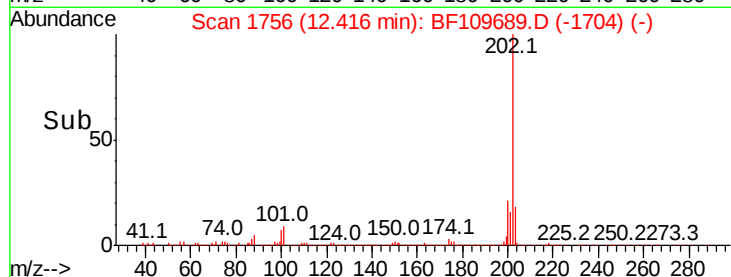
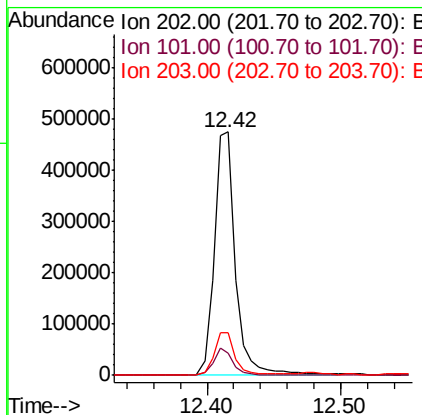
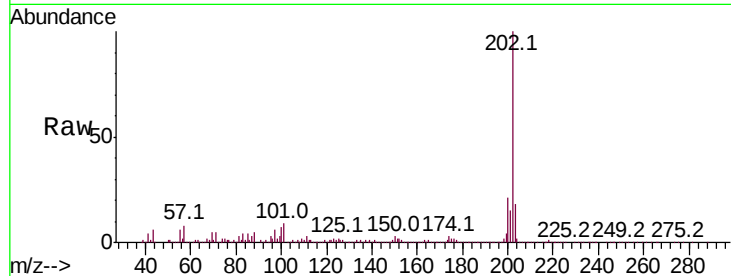
ClientSampleId :

VW-CONCRETE-FLOORDL

Tot Ion:	202	Resp:	527501
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

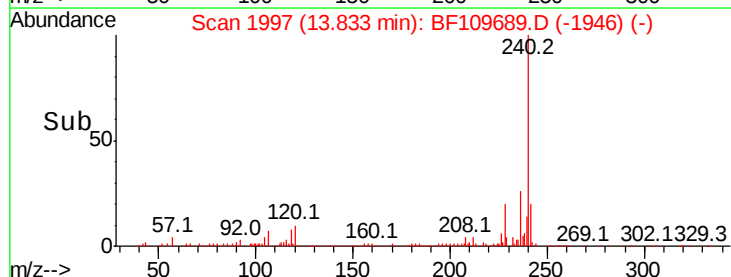
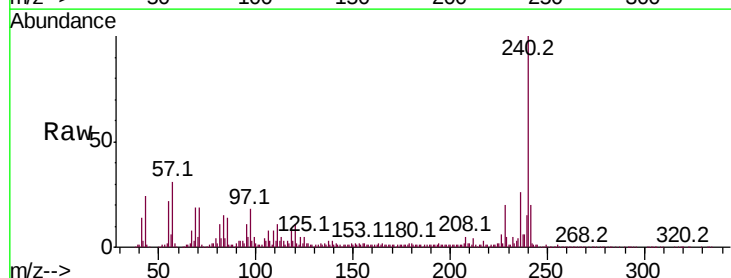
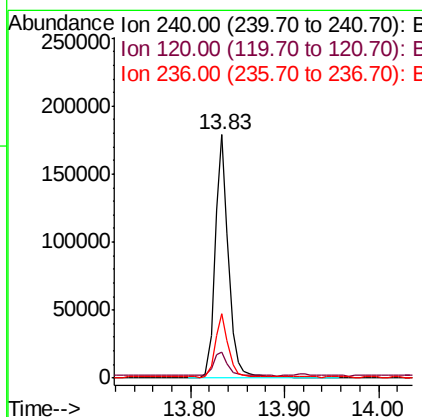
RT: 13.83 min Scan# 1997

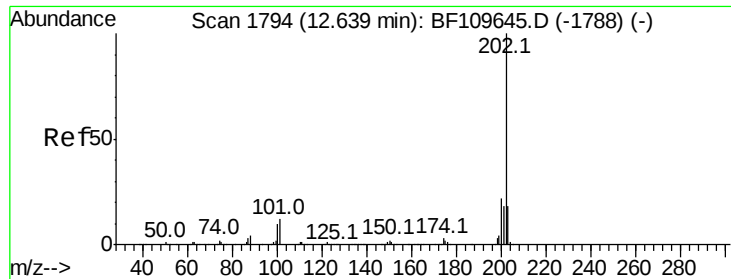
Delta R.T. 0.00 min

Lab File: BF109689.D

Acq: 9 Oct 2018 11:10

Tgt Ion:	240	Resp:	177714
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.3	12.5
236	26.4	21.2	31.8





#77

Pvrene

Concen: 36.120 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF109689.D

Acq: 9 Oct 2018 11:10

Instrument :

BNA_F

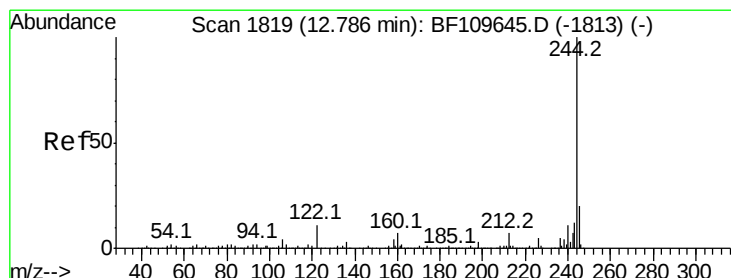
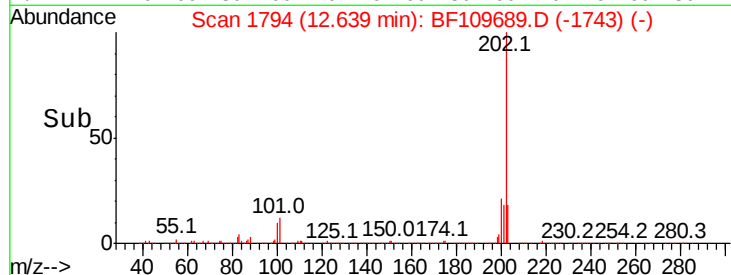
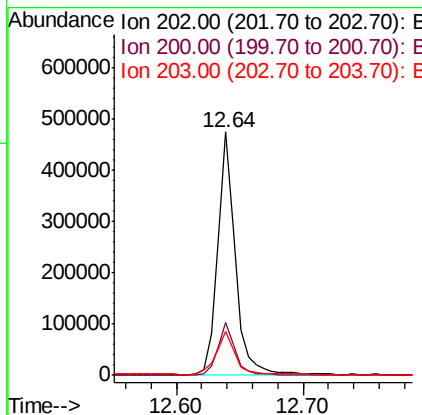
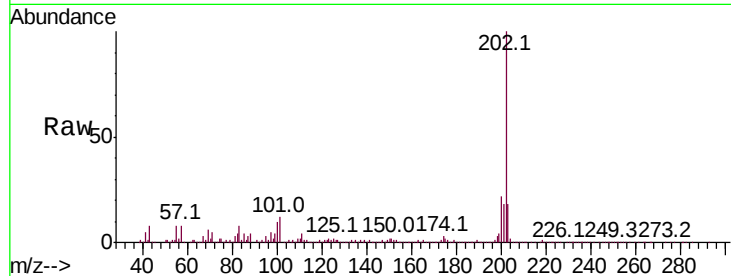
ClientSampleId :

VW-CONCRETE-FLOORDL

Tot Ion:	202	Resp:	470298
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.8	26.6
203	17.9	14.2	21.4

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#78

Terphenyl-d14

Concen: 1.542 ng

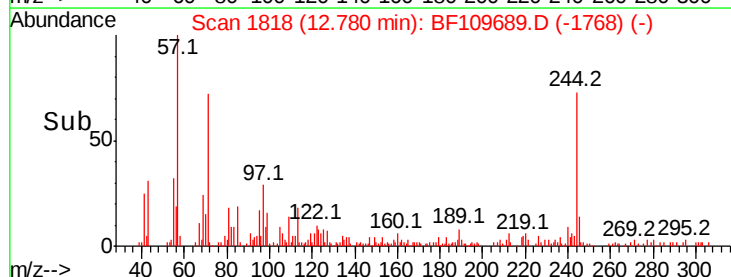
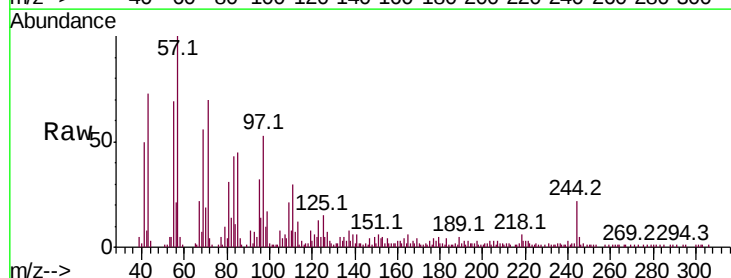
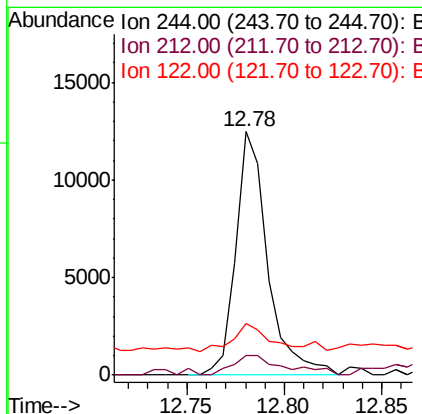
RT: 12.78 min Scan# 1818

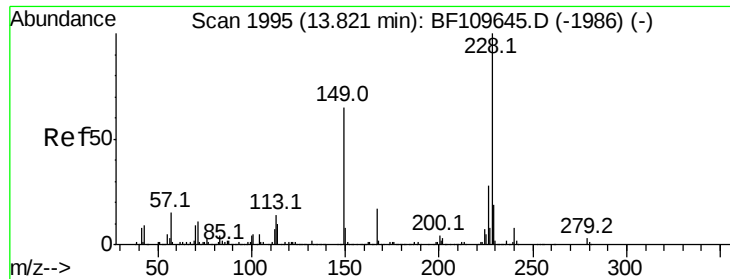
Delta R.T. -0.01 min

Lab File: BF109689.D

Acq: 9 Oct 2018 11:10

Tgt Ion:	244	Resp:	14152
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.8	8.8
122	21.3	8.7	13.1#





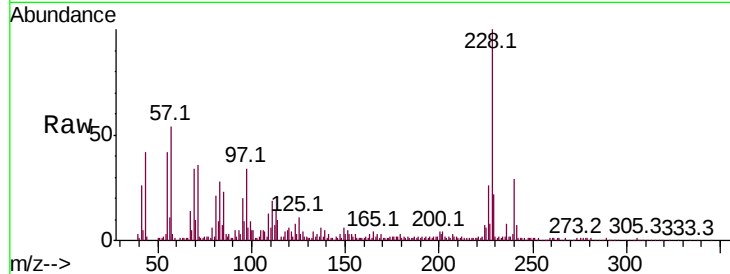
#80
Benzo(a)anthracene
Concen: 11.614 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Instrument :
BNA_F
ClientSampleId :
VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.1	33.1
229	21.7	15.6	23.4

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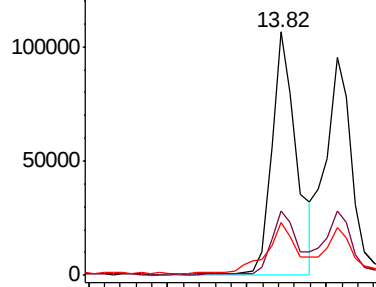


Abundance

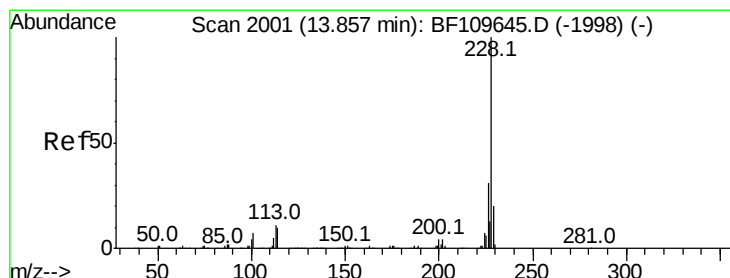
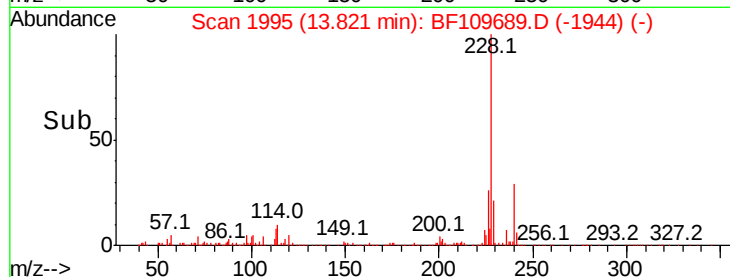
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.70 13.75 13.80 13.85



#82
Chrysene
Concen: 10.592 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

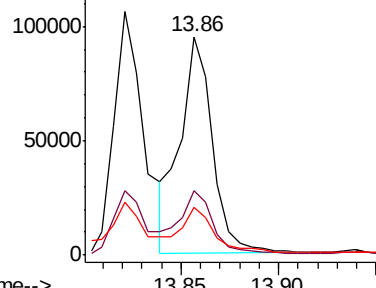
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	21.6	15.9	23.9

Abundance

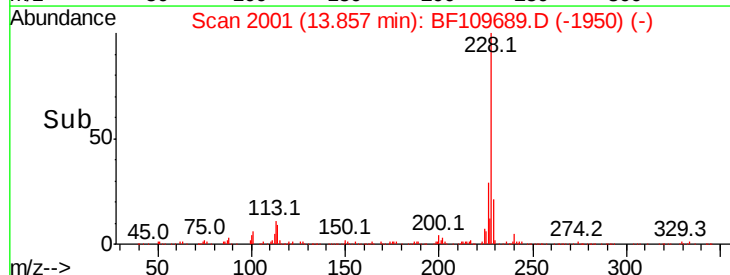
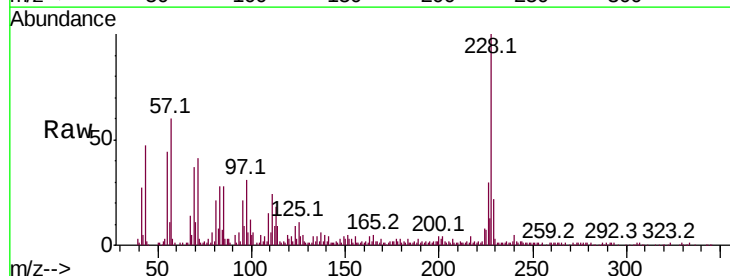
Ion 228.00 (227.70 to 228.70): E

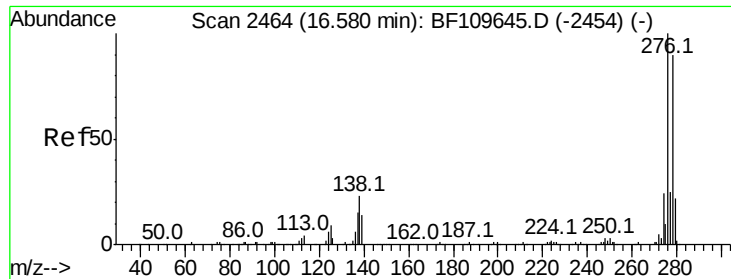
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.85 13.90





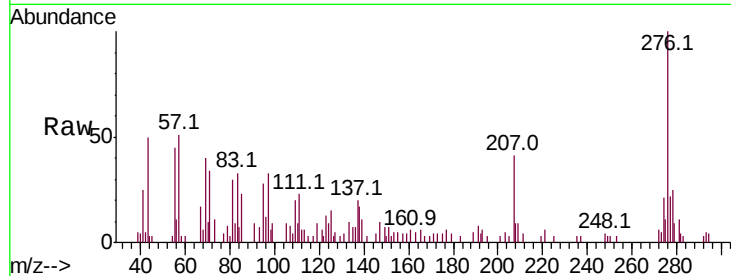
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.843 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Instrument :
 BNA_F
 ClientSampleId :
 VW-CONCRETE-FLOORDL

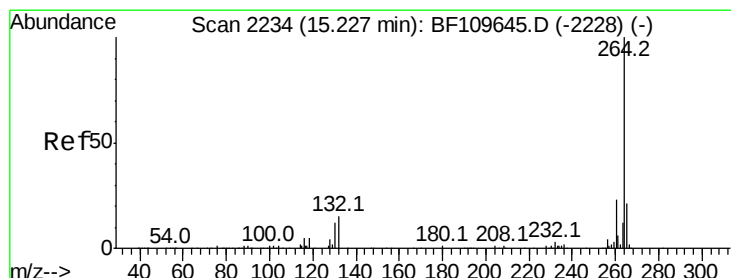
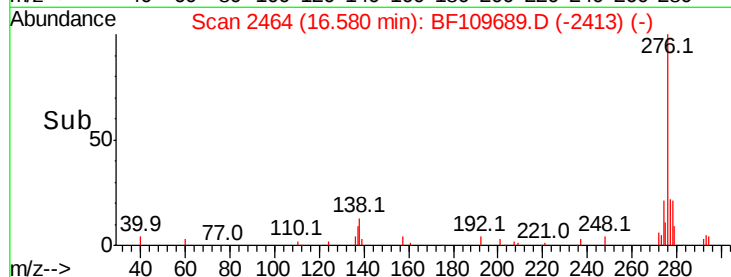
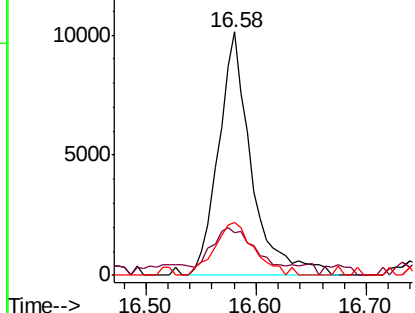
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.5	27.7
277	26.3	20.0	30.0

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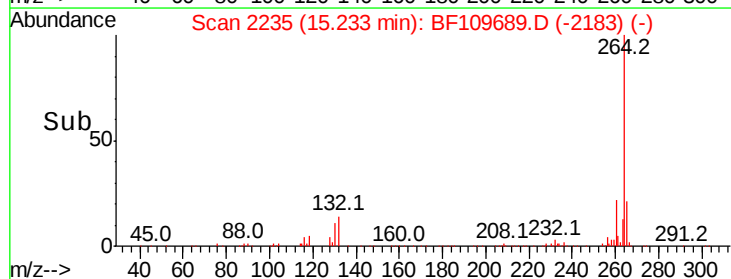
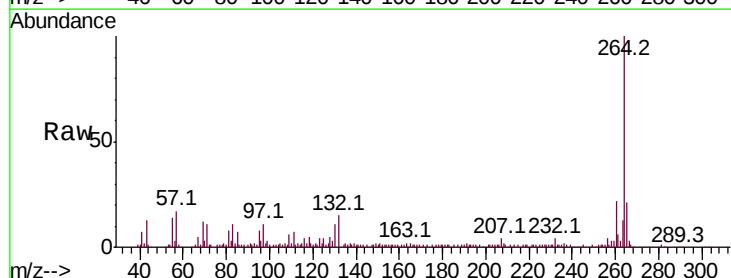
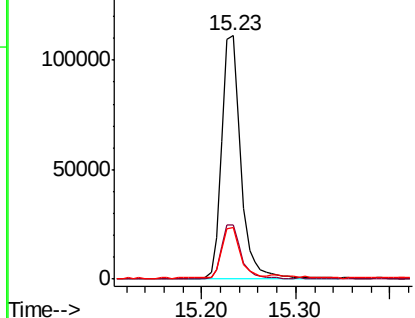
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

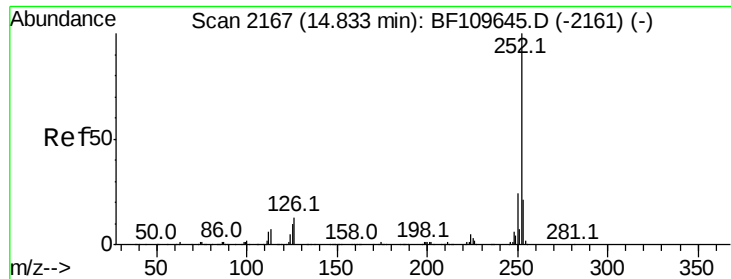


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BF109689.D
 Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.7	28.1
265	21.3	16.7	25.1

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





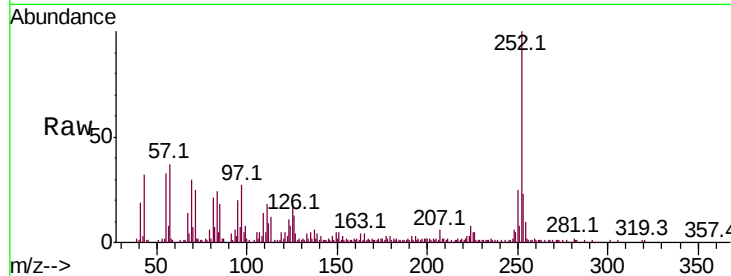
#87
Benzo(b)fluoranthene
Concen: 11.571 ng m
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Instrument :
BNA_F
ClientSampleId :
VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	18.5	8.2	12.4

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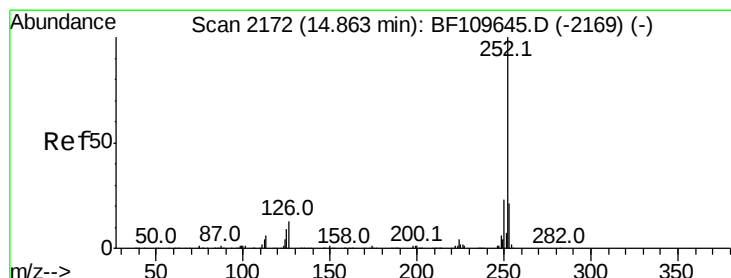
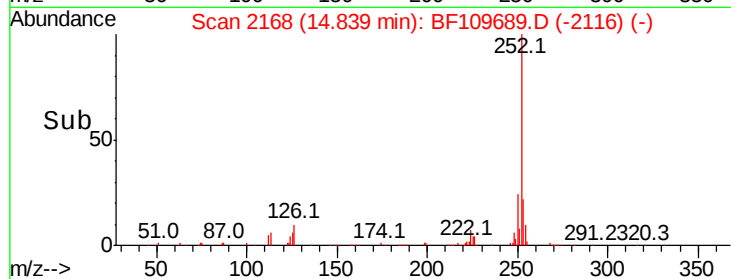
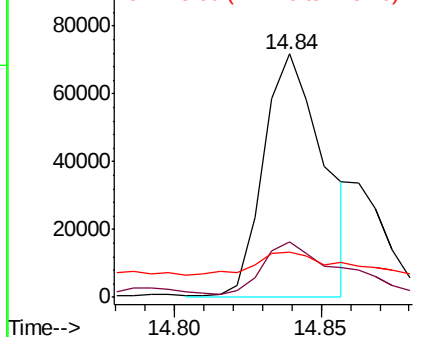


Abundance

Ion 252.00 (251.70 to 252.70): E

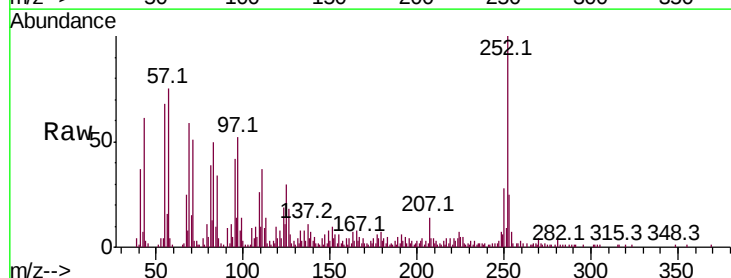
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.635 ng m
RT: 14.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	30.1	7.4	11.0

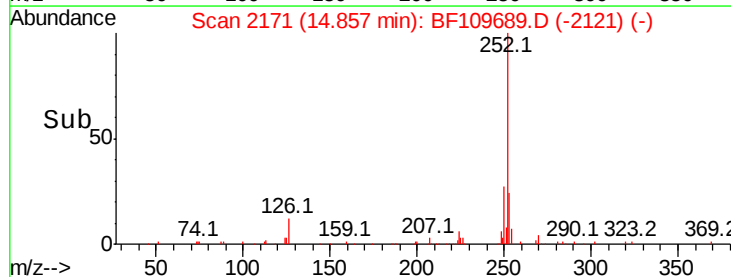
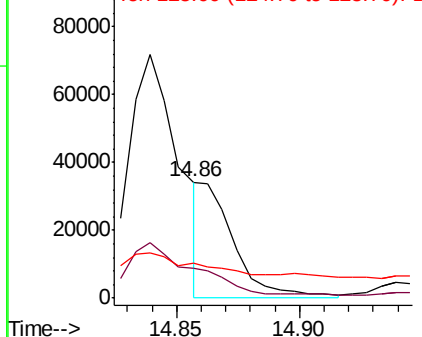


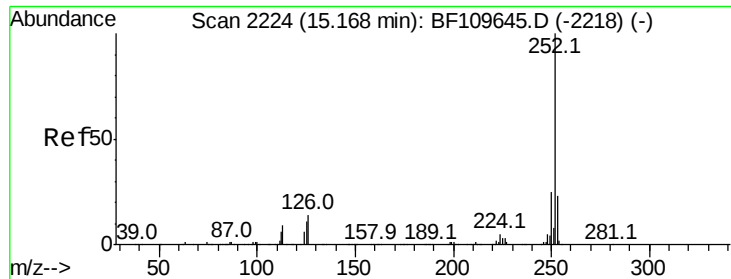
Abundance

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





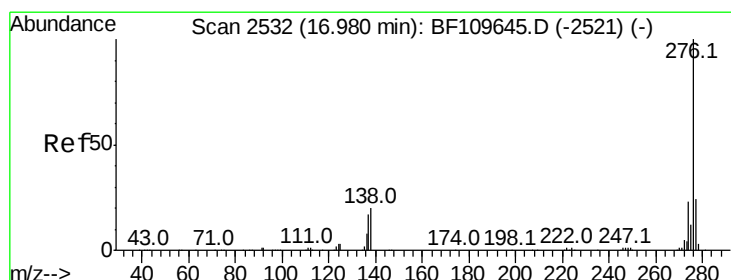
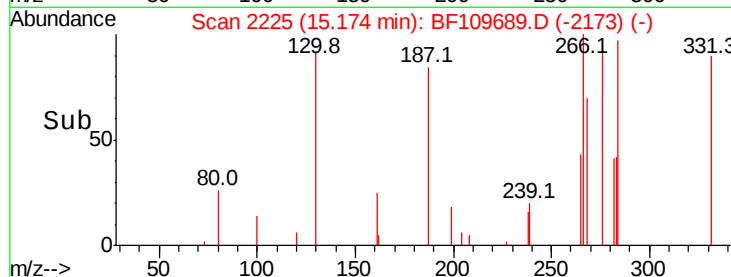
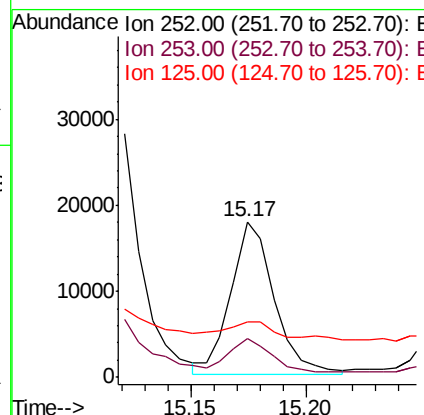
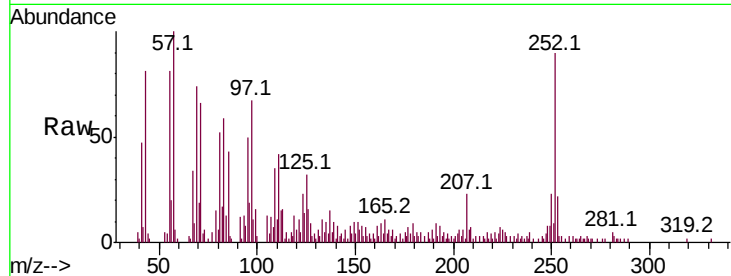
#89
Benzo(a)pyrene
Concen: 2.888 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Instrument :
BNA_F
ClientSampleId :
VW-CONCRETE-FLOORDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	35.3	9.0	13.6

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#91
Benzo(g,h,i)perylene
Concen: 2.530 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BF109689.D
Acq: 9 Oct 2018 11:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	22.6	16.0	24.0

