

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
 Data File : BF112053.D
 Acq On : 14 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1080-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Manual Integrations
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 1/15/2019 12:19:19 PM

Quant Time: Jan 14 21:16:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	153088	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	547599	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	292072	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	459377	20.00	ng	0.00
76) Chrysene-d12	14.03	240	328556	20.00	ng	-0.01
87) Perylene-d12	15.51	264	339687	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	810374	90.56	ng	0.00
7) Phenol-d6	6.52	99	1158636	100.46	ng	0.00
23) Nitrobenzene-d5	7.43	82	596005	58.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	267638	70.45	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1203928	60.11	ng	0.00
79) Terphenyl-d14	12.97	244	1319288	76.22	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	114530	5.220	ng	97
71) Phenanthrene	11.42	178	76972	3.134	ng	99
75) Fluoranthene	12.60	202	108243	4.293	ng	99
78) Pyrene	12.83	202	108359	4.793	ng	98
81) Benzo(a)anthracene	14.02	228	43105	2.280	ng	97
83) Chrysene	14.06	228	40387	2.240	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	29758	2.264	ng	94
88) Benzo(b)fluoranthene	15.07	252	60763m	2.990	ng	
90) Benzo(a)pyrene	15.44	252	46453	2.600	ng	96
92) Benzo(g,h,i)perylene	17.44	276	29808	2.121	ng	97

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

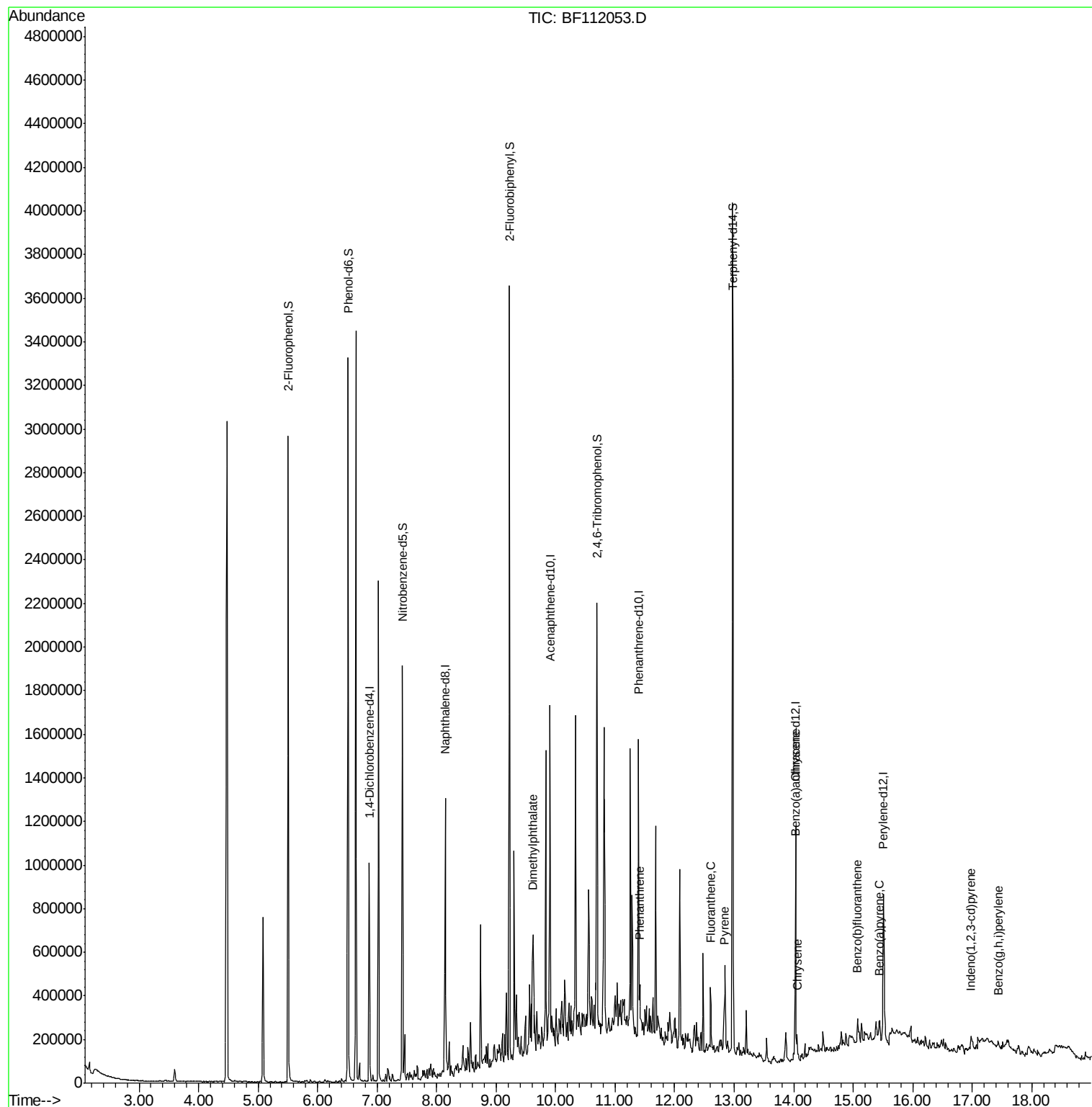
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011419\
Data File : BF112053.D
Acq On : 14 Jan 2019 16:25
Operator : JU/SJ
Sample : K1080-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

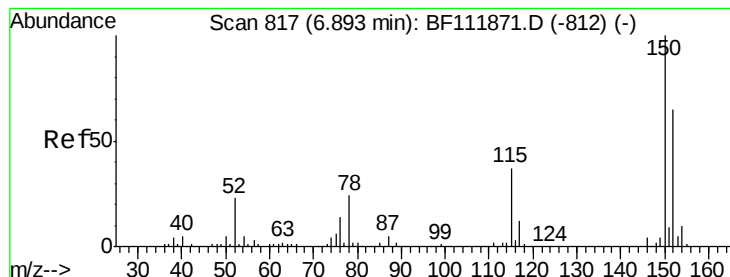
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

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Quant Time: Jan 14 21:16:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 11 21:37:26 2019
Response via : Initial Calibration





#1

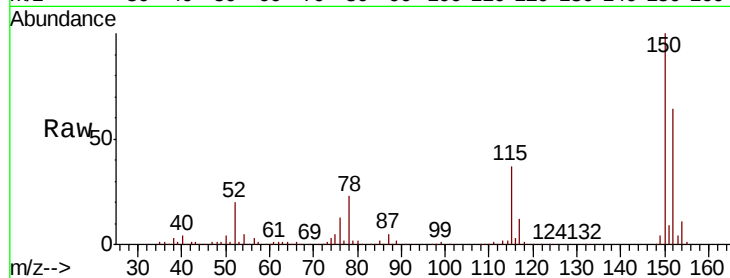
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	57.4	45.2	67.8

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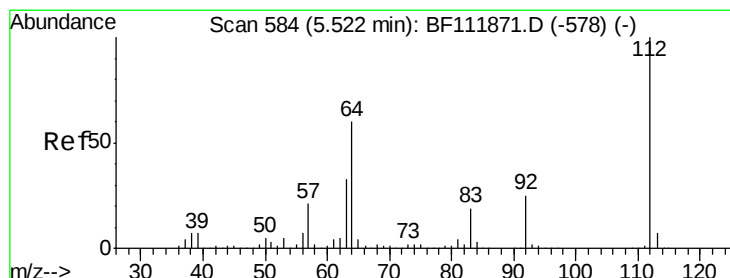
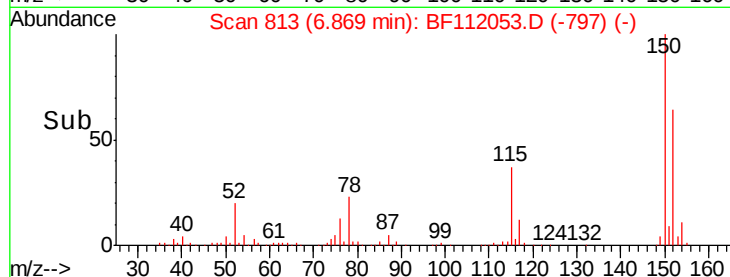
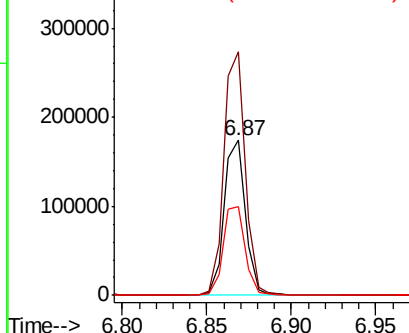


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

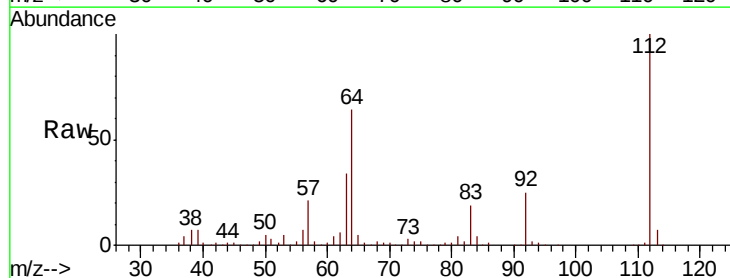
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.562 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	48.3	72.5
63	33.9	26.1	39.1

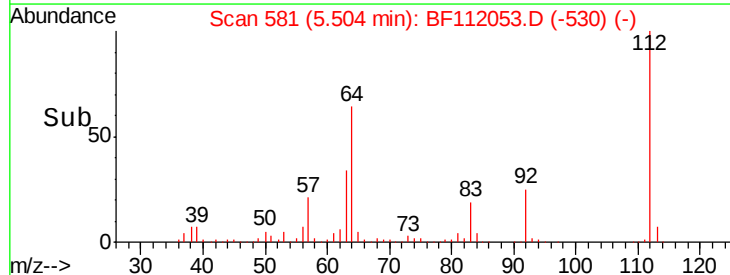
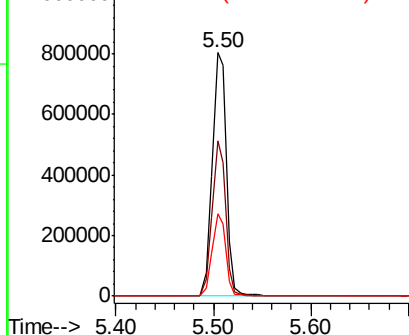


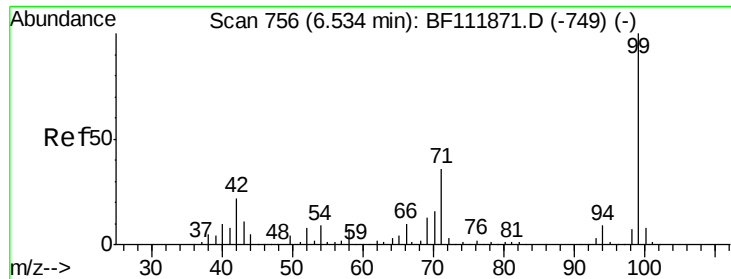
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.461 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF112053.D

Acq: 14 Jan 2019 16:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

Tot Ion: 99 Resp: 1158636

Ion Ratio Lower Upper

99 100

42 20.1 17.9 26.9

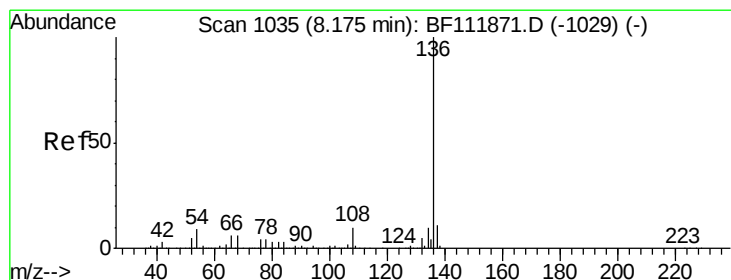
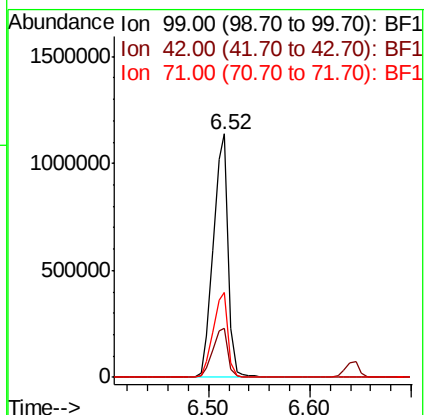
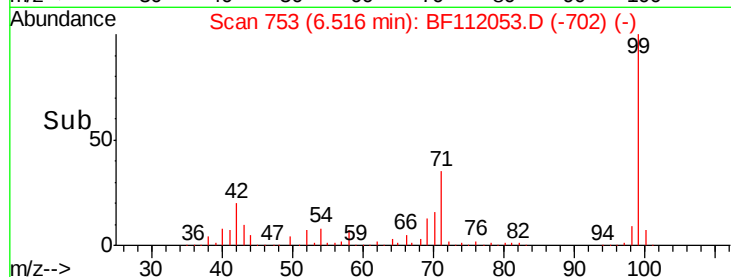
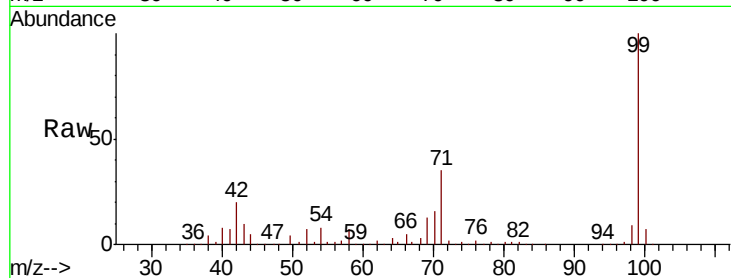
71 35.0 28.7 43.1

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF112053.D

Acq: 14 Jan 2019 16:25

Tgt Ion: 136 Resp: 547599

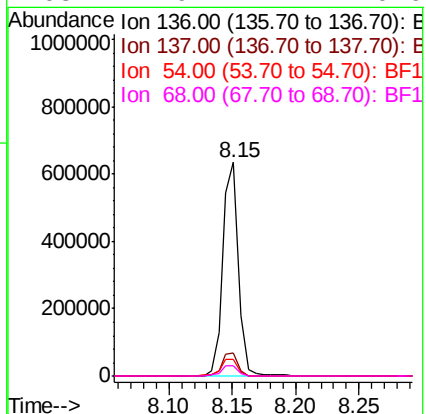
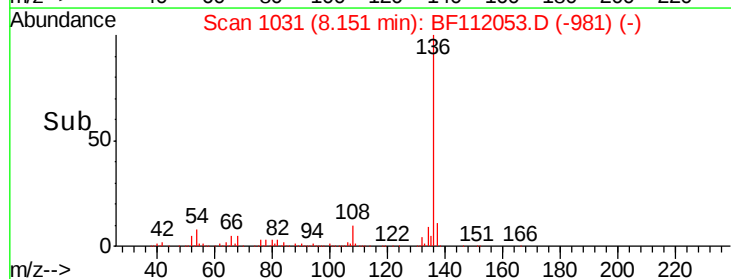
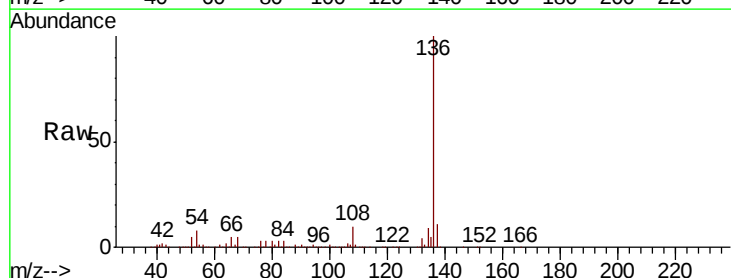
Ion Ratio Lower Upper

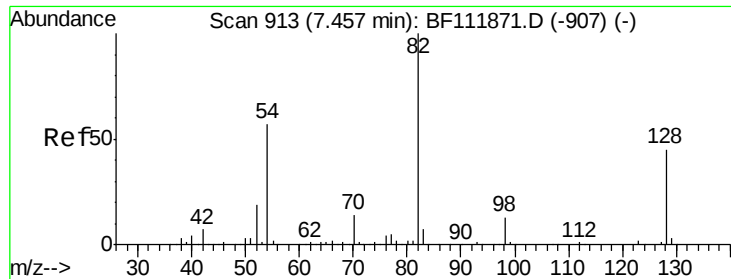
136 100

137 10.7 9.1 13.7

54 7.8 7.2 10.8

68 4.9 4.4 6.6





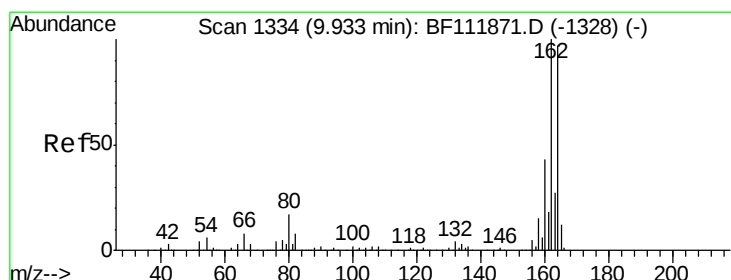
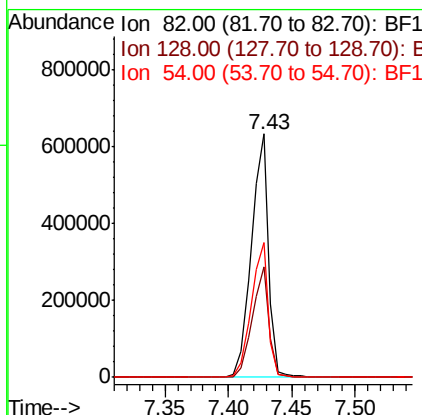
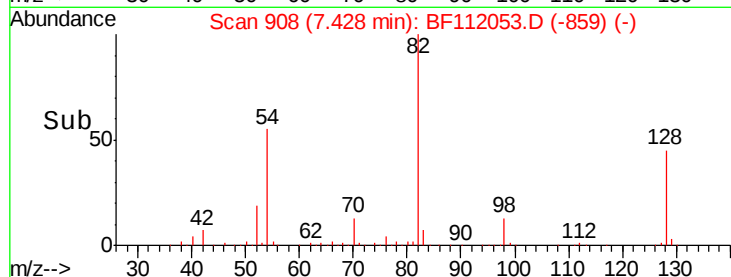
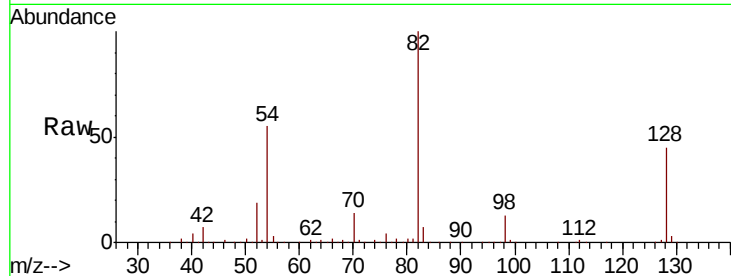
#23
Nitrobenzene-d5
Concen: 58.170 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.7	53.5
54	55.2	45.8	68.8

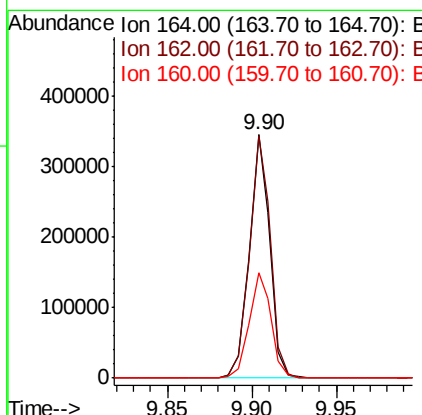
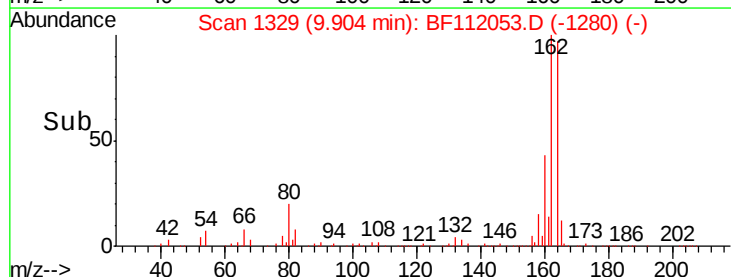
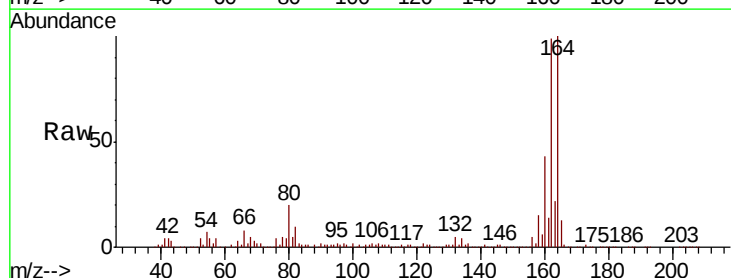
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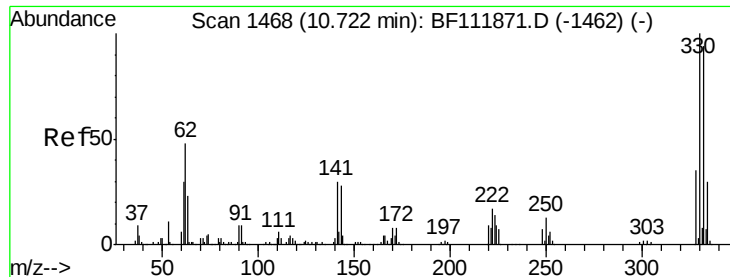
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.2	123.2
160	43.1	35.5	53.3





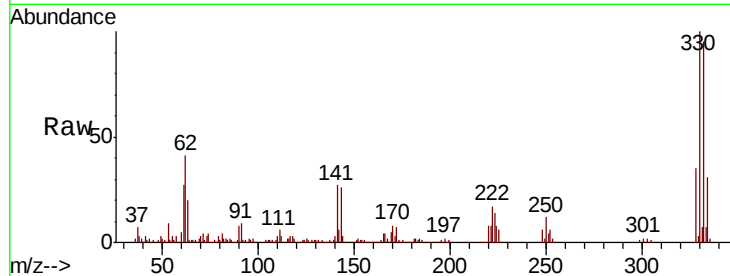
#42
 2,4,6-Tribromophenol
 Concen: 70.450 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112053.D
 Acq: 14 Jan 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	267638		
332	95.2	76.9	115.3	
141	29.1	23.7	35.5	

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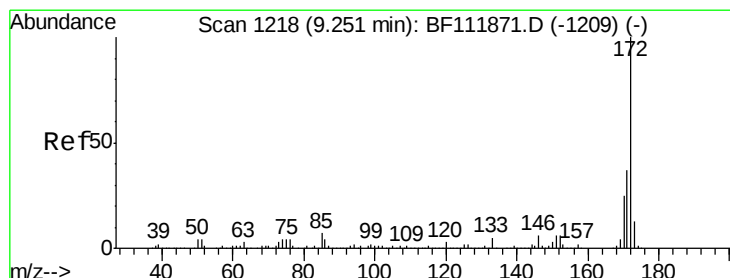
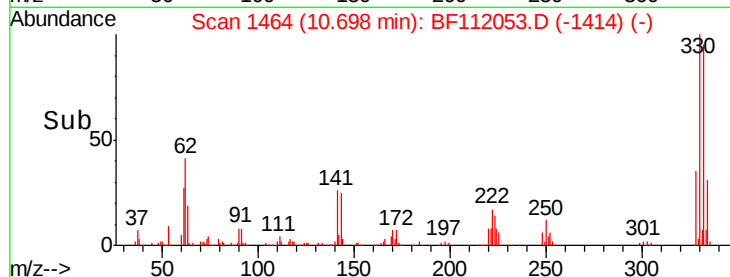
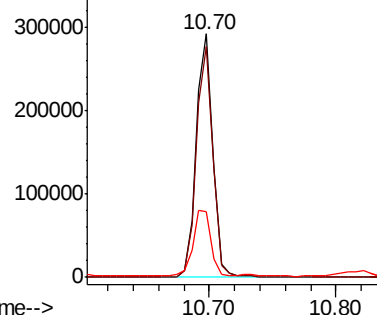


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.107 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112053.D
 Acq: 14 Jan 2019 16:25

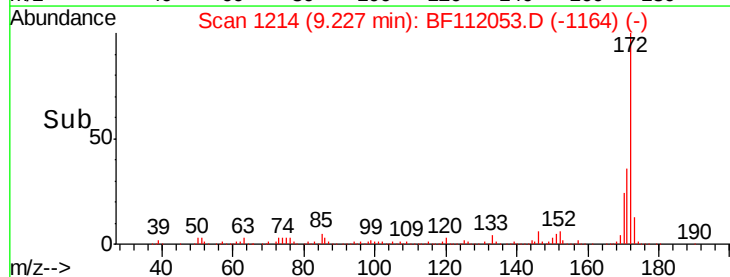
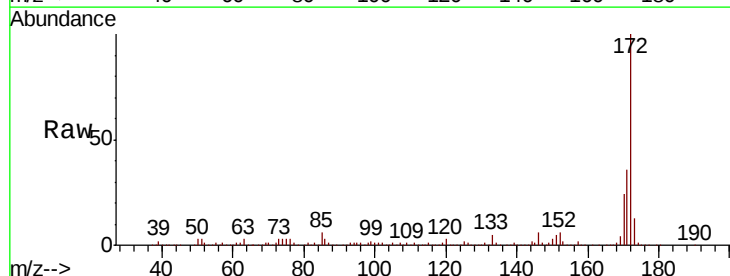
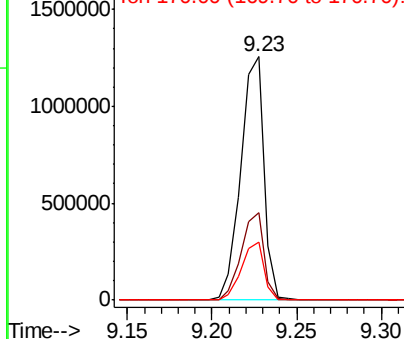
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1203928		
171	35.8	29.6	44.4	
170	23.8	19.8	29.8	

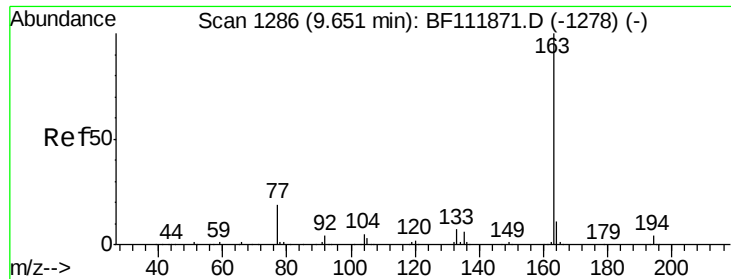
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





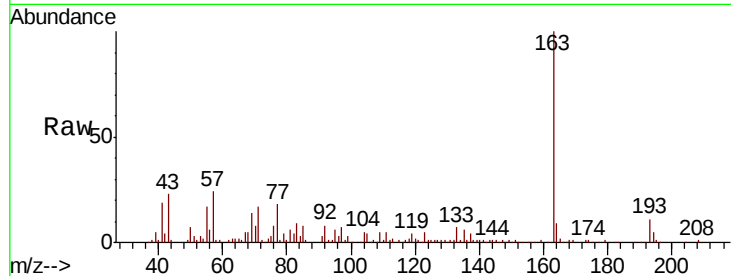
#50
Dimethylphthalate
Concen: 5.220 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	114530		
194	5.2	3.4	5.2	
164	9.3	8.5	12.7	

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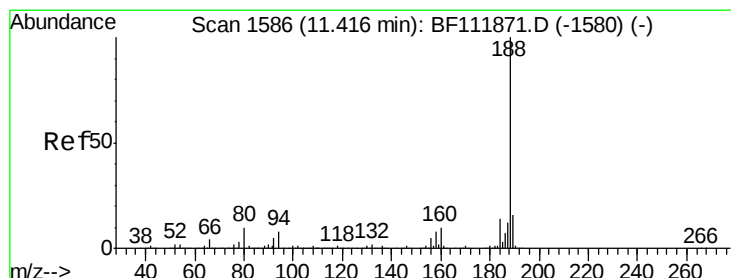
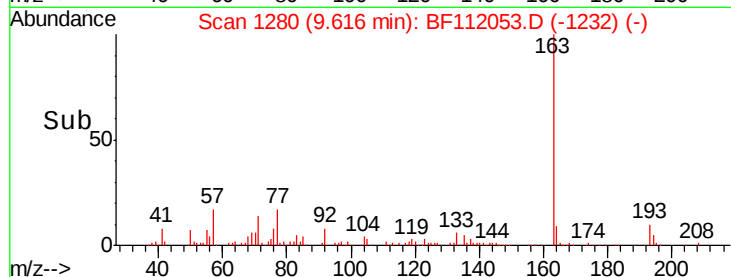
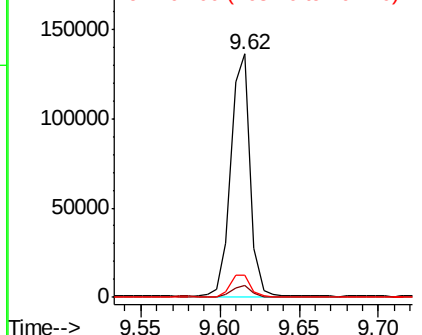


Abundance

Ion 163.00 (162.70 to 163.70): E

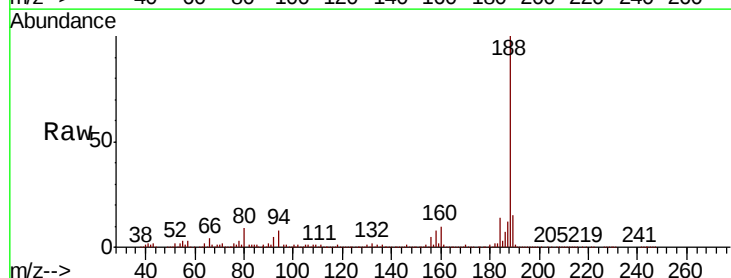
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	459377		
94	8.4	6.6	10.0	
80	9.2	7.7	11.5	

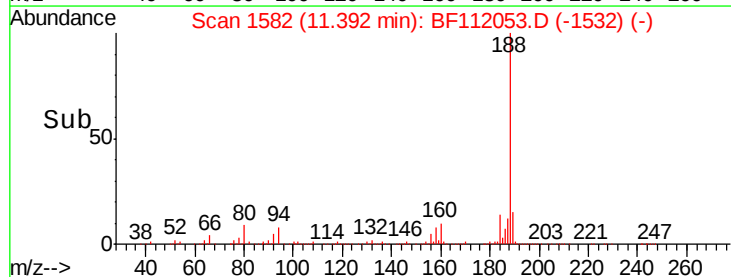
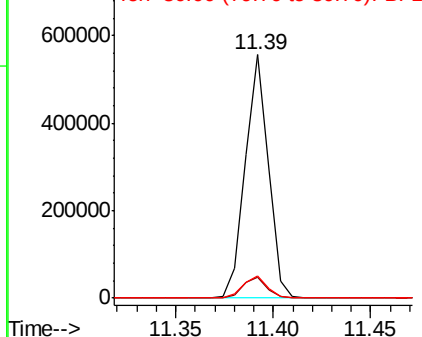


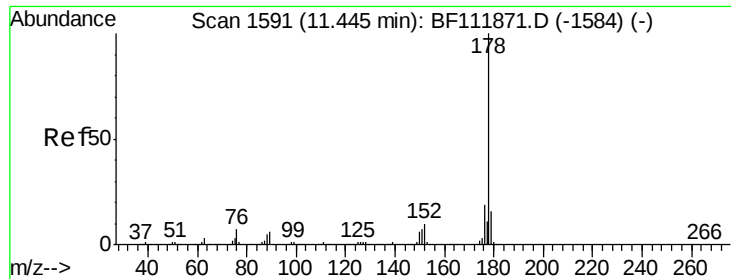
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 3.134 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF112053.D

Acq: 14 Jan 2019 16:25

Instrument :

BNA_F

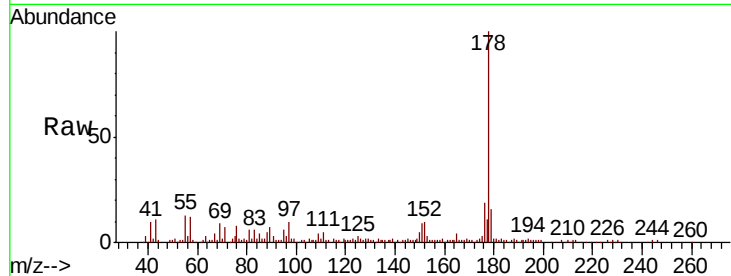
ClientSampleId :

CONCRETE-PILE

Tot Ion:	178	Resp:	76972
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	16.3	12.6	18.8

Manual Integrations
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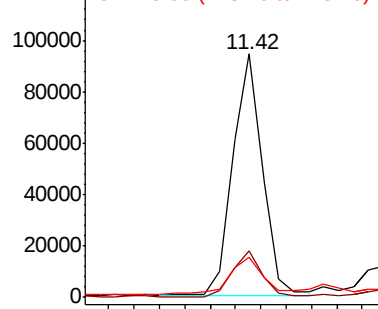


Abundance

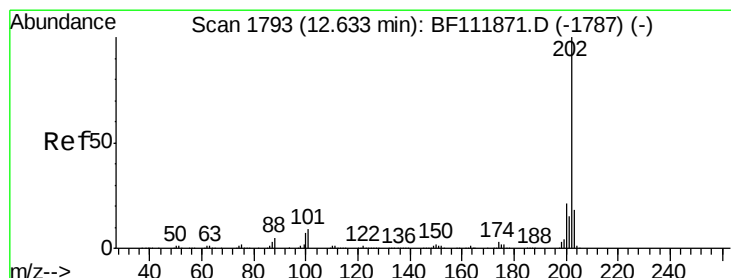
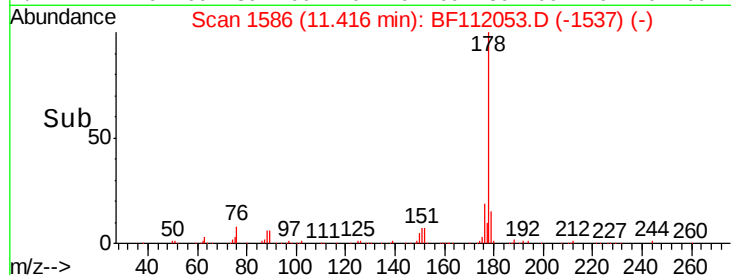
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75

Fluoranthene

Concen: 4.293 ng

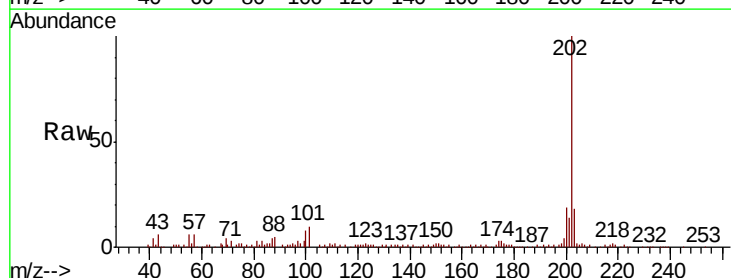
RT: 12.60 min Scan# 1788

Delta R.T. -0.01 min

Lab File: BF112053.D

Acq: 14 Jan 2019 16:25

Tgt Ion:	202	Resp:	108243
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.3
203	17.6	0.0	37.6

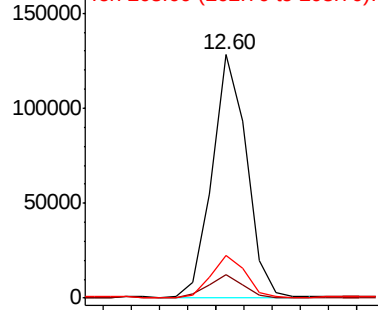


Abundance

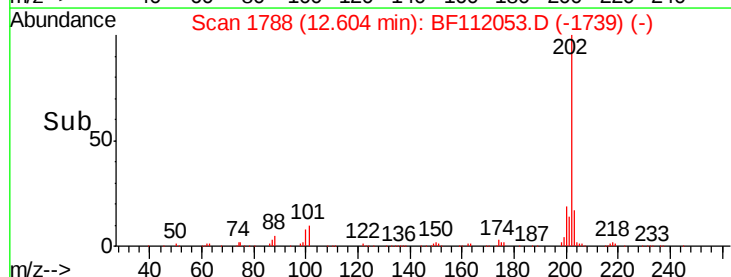
Ion 202.00 (201.70 to 202.70): E

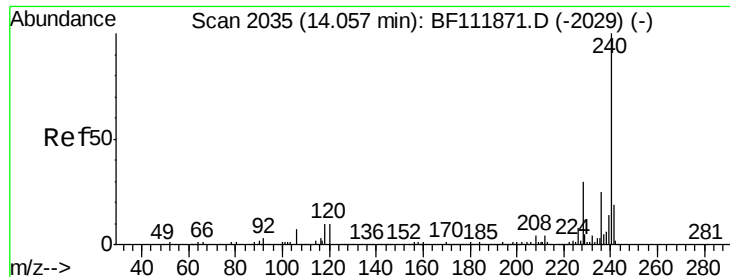
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





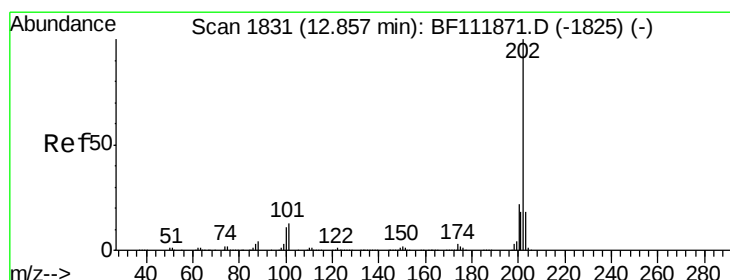
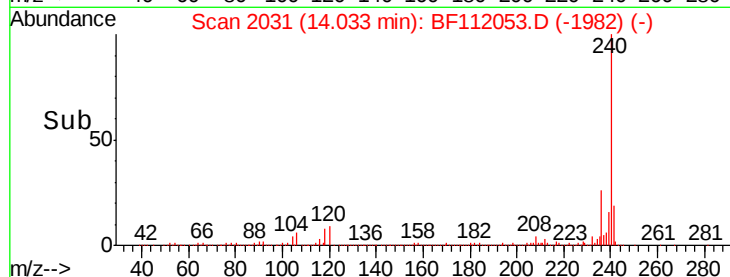
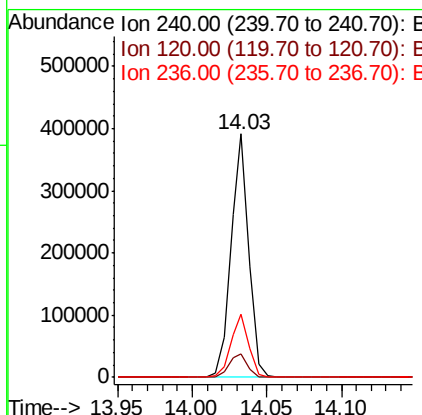
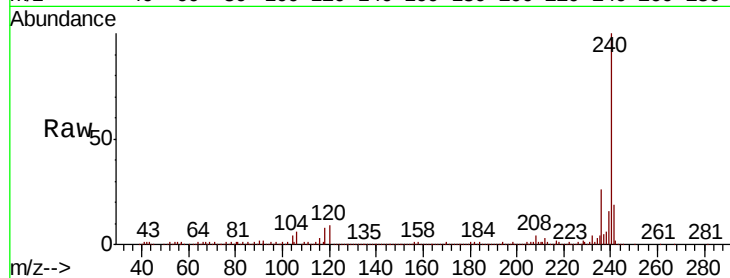
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	9.4	8.2	12.2
236	25.9	20.2	30.4

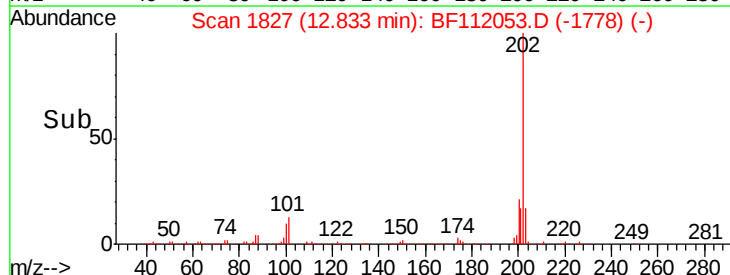
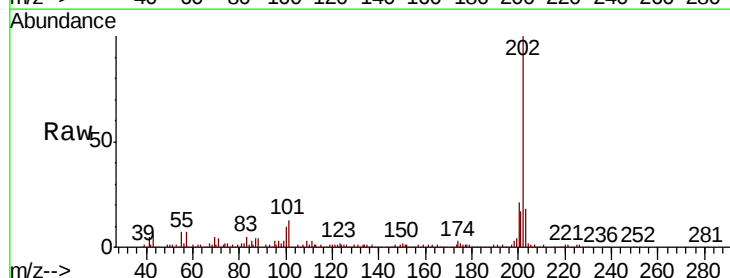
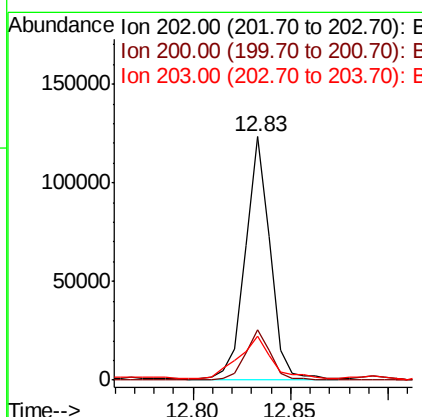
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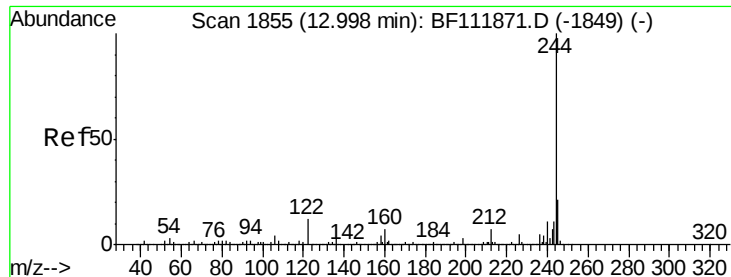
Sohil
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#78
Pyrene
Concen: 4.793 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.9	14.6	21.8





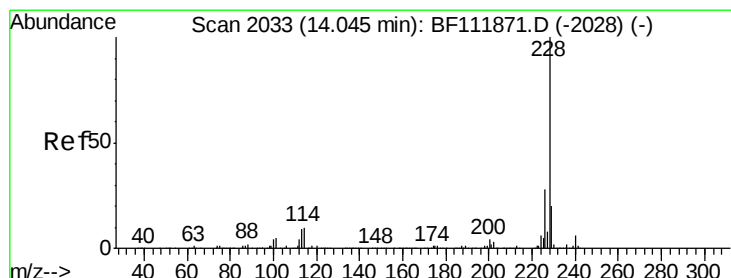
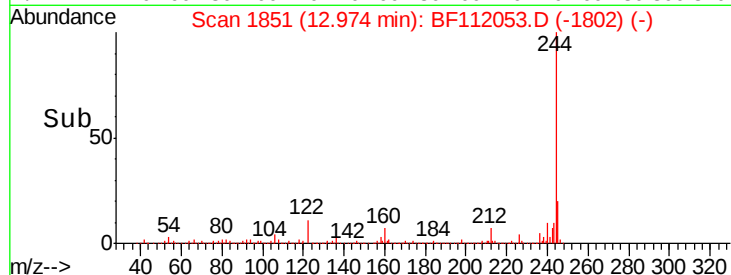
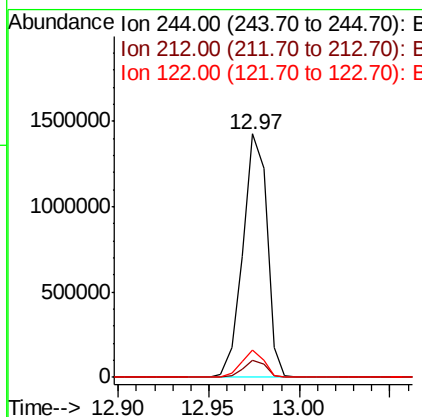
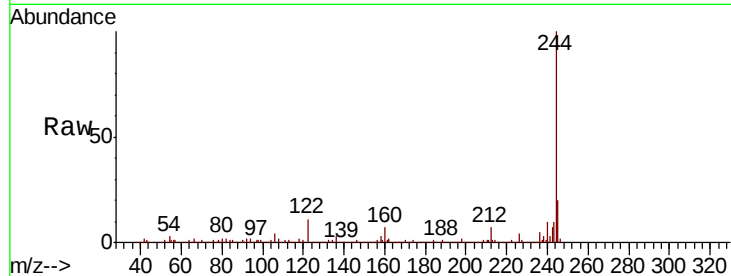
#79
 Terphenyl-d14
 Concen: 76.221 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF112053.D
 Acq: 14 Jan 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.0	9.5	14.3

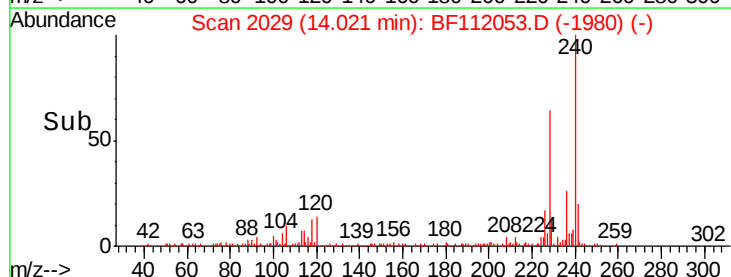
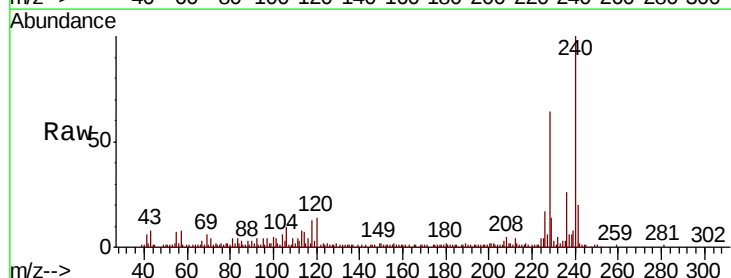
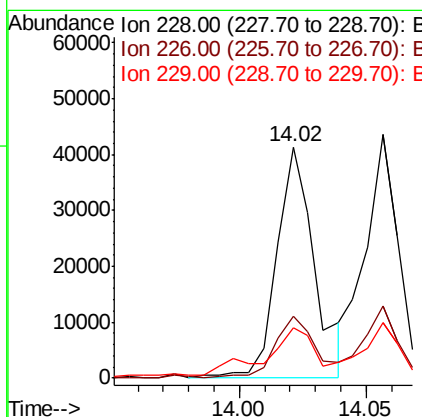
Manual Integrations
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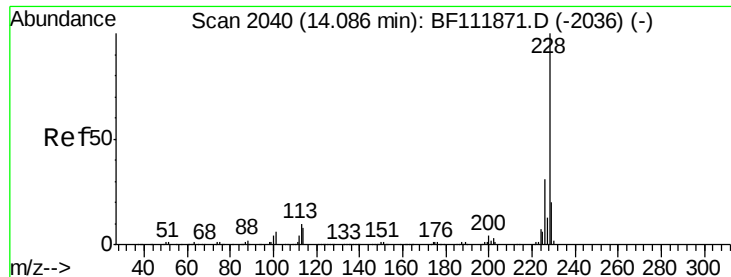
Sohil
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#81
 Benzo(a)anthracene
 Concen: 2.280 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112053.D
 Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.2	33.2
229	21.7	16.2	24.2





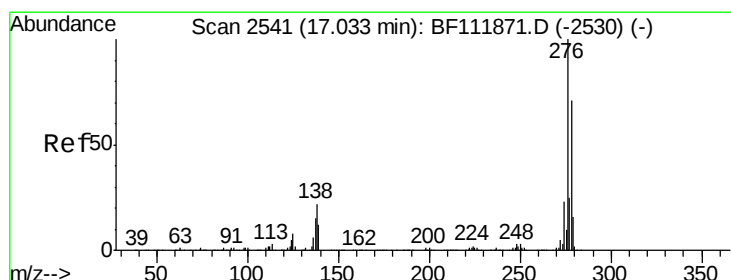
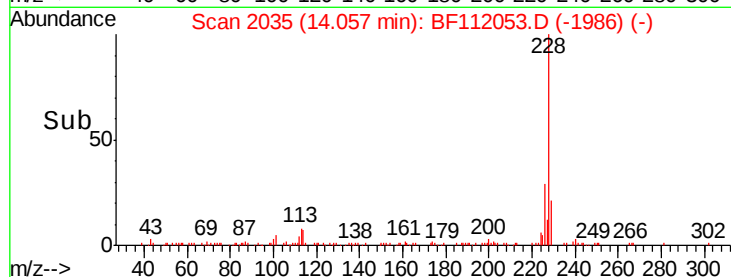
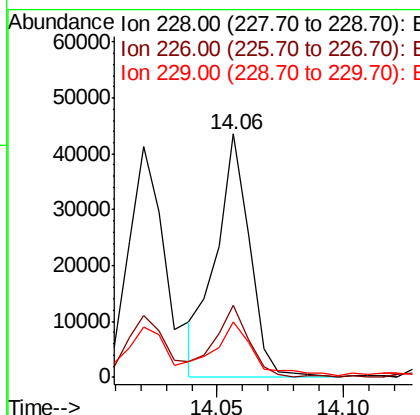
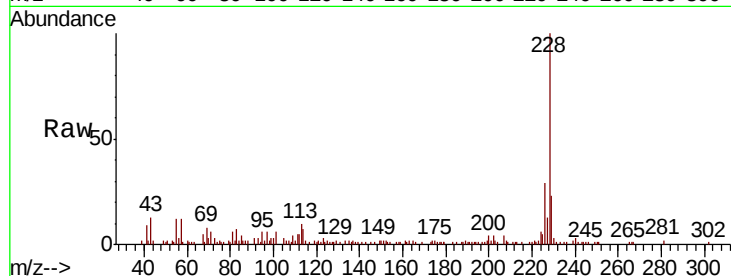
#83
Chrysene
Concen: 2.240 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	22.9	15.7	23.5

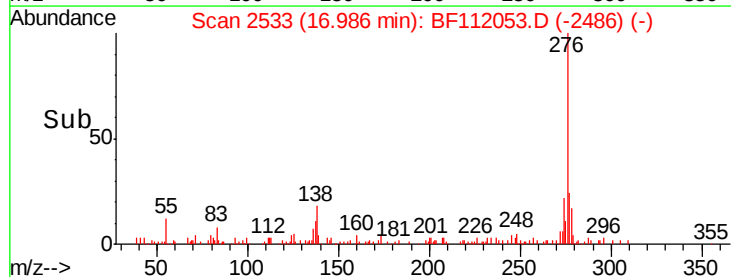
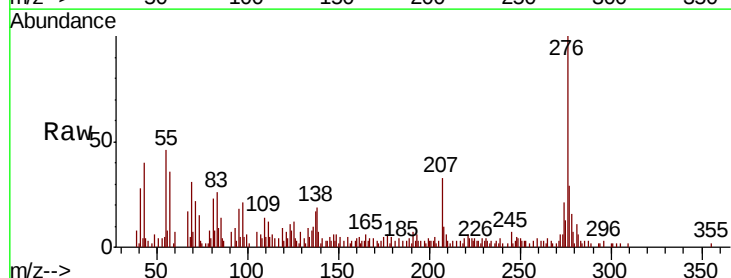
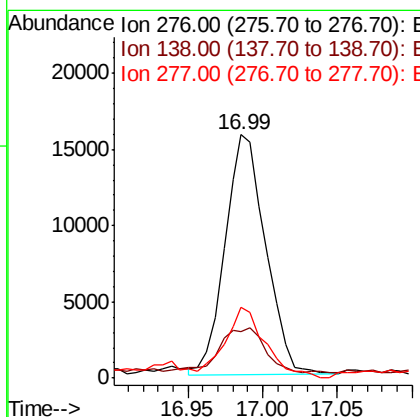
Manual Integrations
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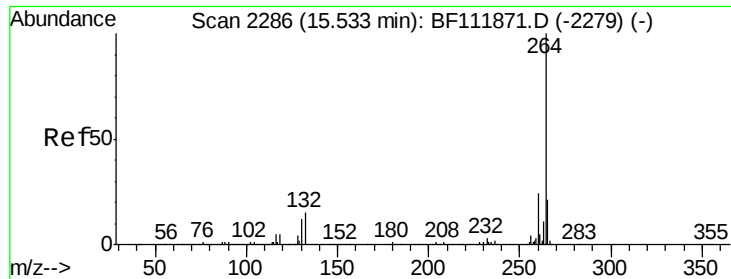
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.264 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.02 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.1	27.1
277	29.6	19.9	29.9





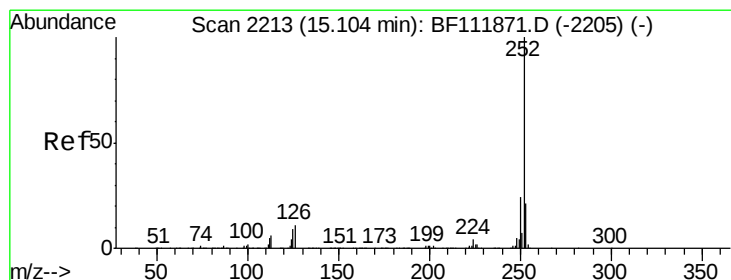
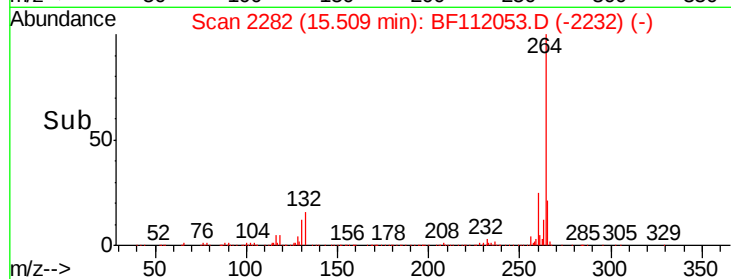
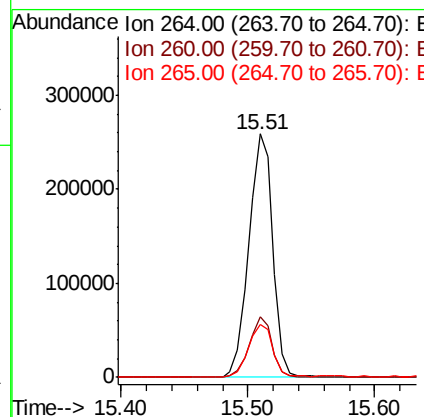
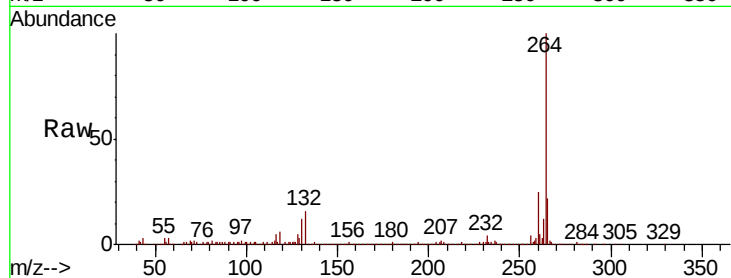
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.5	17.1	25.7

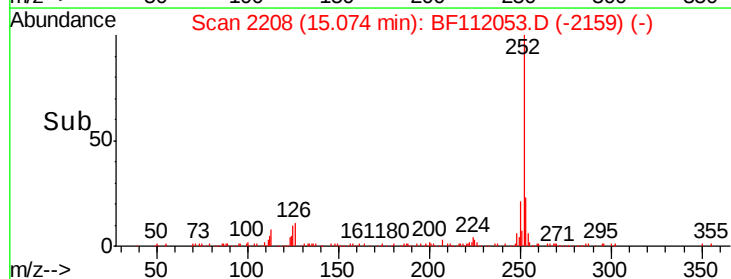
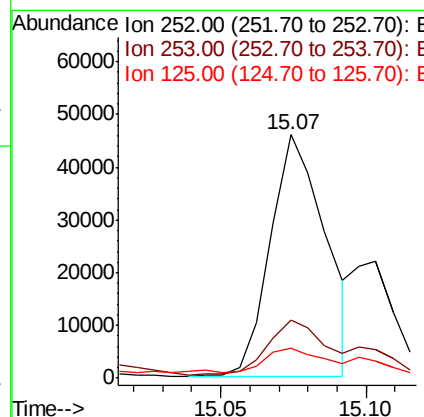
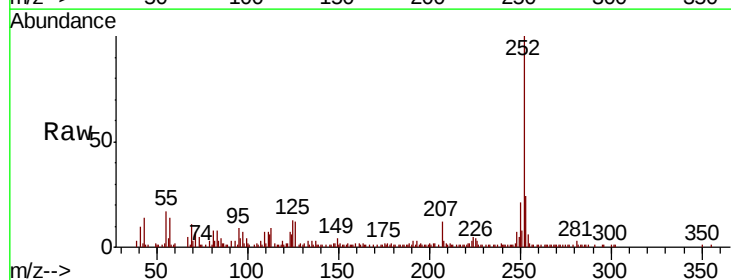
Manual Integrations
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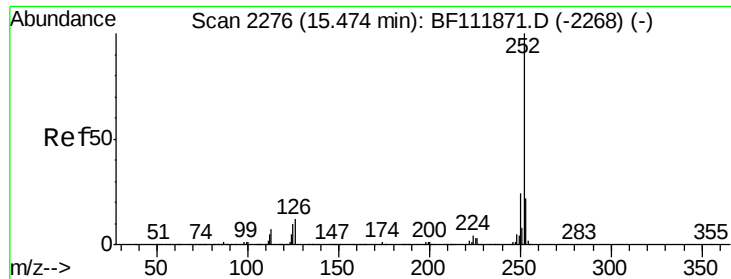
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#88
Benzo(b)fluoranthene
Concen: 2.990 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	12.5	7.1	10.7#





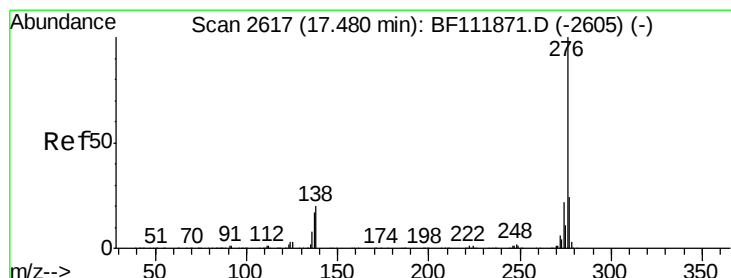
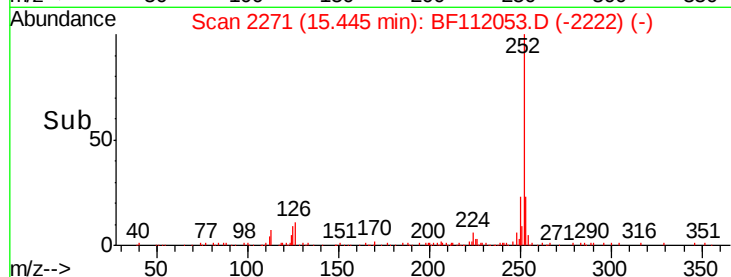
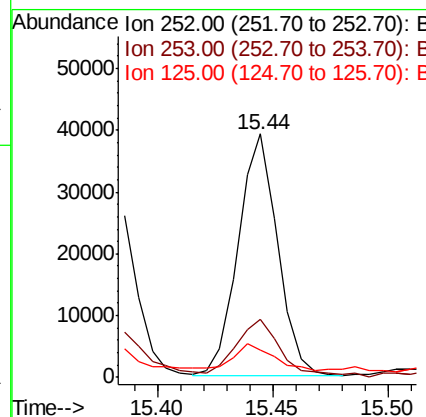
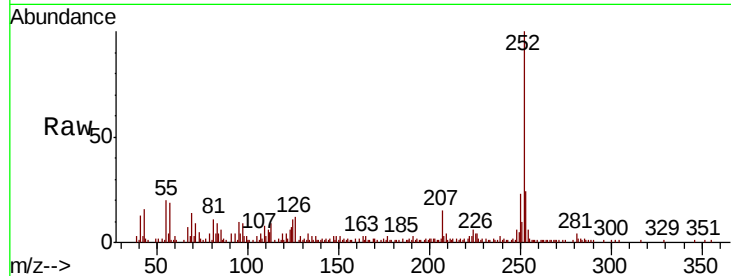
#90
Benzo(a)pyrene
Concen: 2.600 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	11.5	7.9	11.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.121 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.02 min
Lab File: BF112053.D
Acq: 14 Jan 2019 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.0	28.6
138	20.1	16.2	24.2

