

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120350.D
 Acq On : 18 May 2020 19:06
 Operator : MA/SJ
 Sample : L2675-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Manual Integrations
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Quant Time: May 19 05:18:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	278101	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1094857	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	530279	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	970081	20.00	ng	0.00
76) Chrysene-d12	13.76	240	856964	20.00	ng	0.00
87) Perylene-d12	15.14	264	680743	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1041393	72.86	ng	0.00
7) Phenol-d6	6.26	99	1618334	89.53	ng	0.00
23) Nitrobenzene-d5	7.17	82	1037506	64.88	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	214030	49.50	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	1935941	75.00	ng	0.00
79) Terphenyl-d14	12.71	244	2433193	62.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.36	163	267642	7.984	ng	98
71) Phenanthrene	11.14	178	131348	3.222	ng	99
75) Fluoranthene	12.33	202	279270	6.392	ng	95
78) Pyrene	12.56	202	263219	4.308	ng	97
81) Benzo(a)anthracene	13.74	228	107739	2.384	ng	98
83) Chrysene	13.78	228	102936	2.121	ng	96
88) Benzo(b)fluoranthene	14.76	252	98554m	2.651	ng	
90) Benzo(a)pyrene	15.09	252	69582	2.087	ng	# 91

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

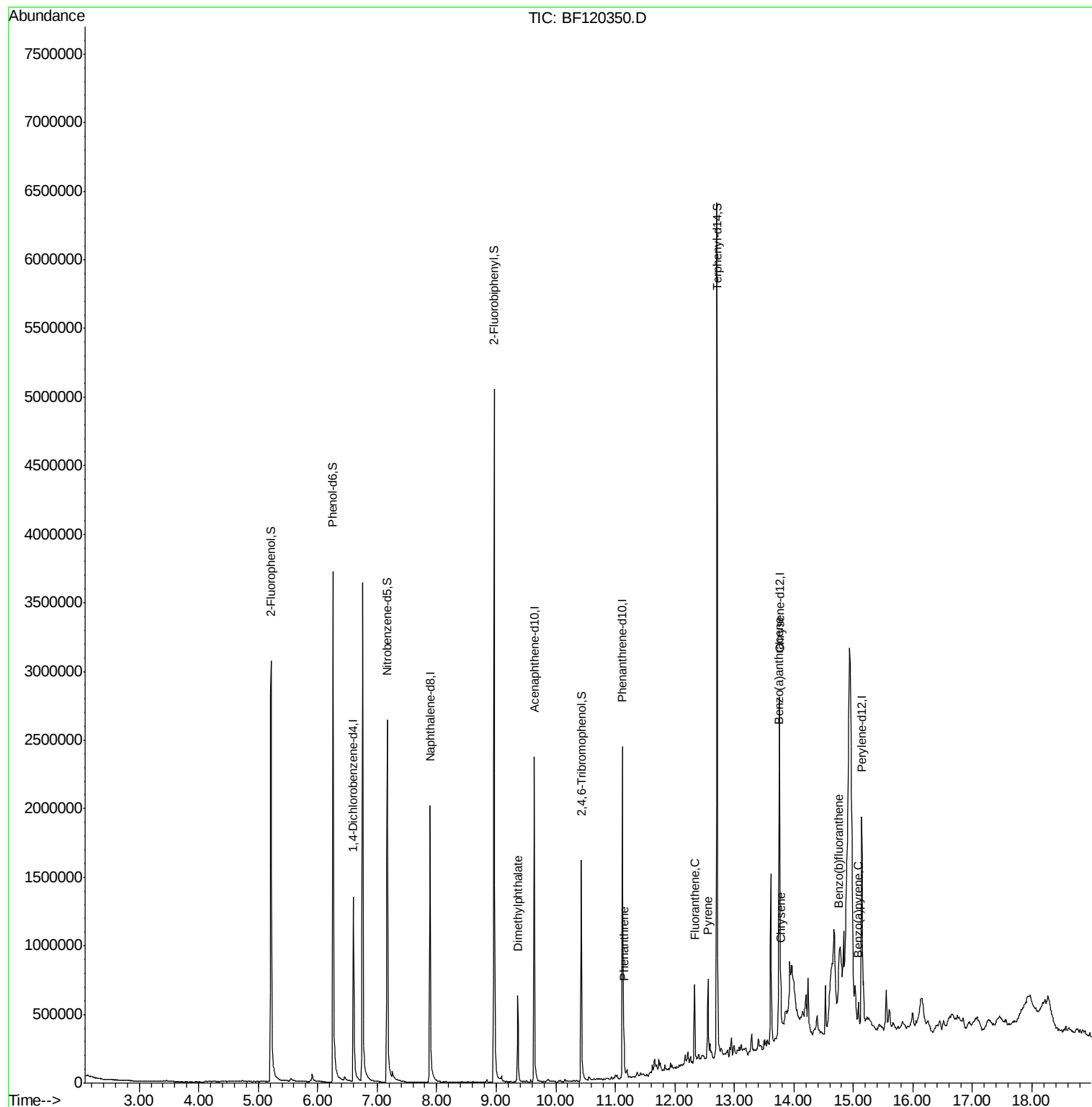
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120350.D
Acq On : 18 May 2020 19:06
Operator : MA/SJ
Sample : L2675-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

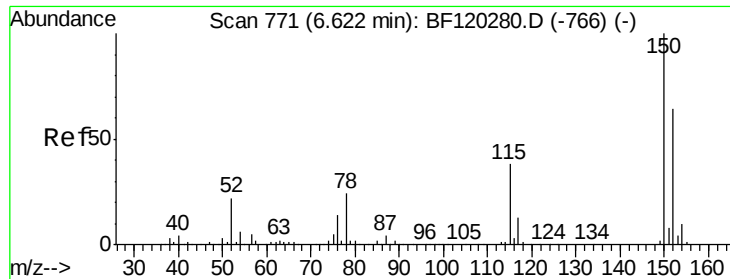
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Quant Time: May 19 05:18:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 18 15:23:07 2020
Response via : Initial Calibration

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#1

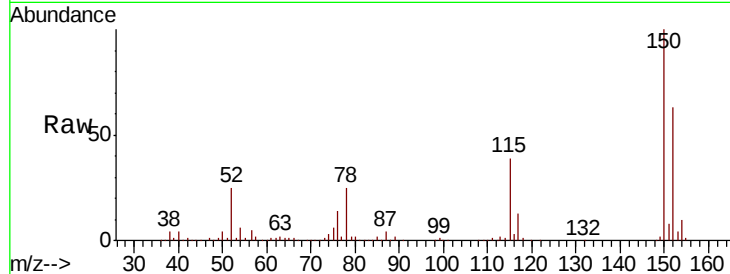
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	61.2	47.9	71.9

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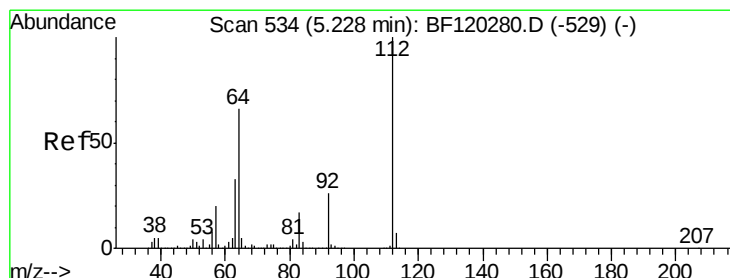
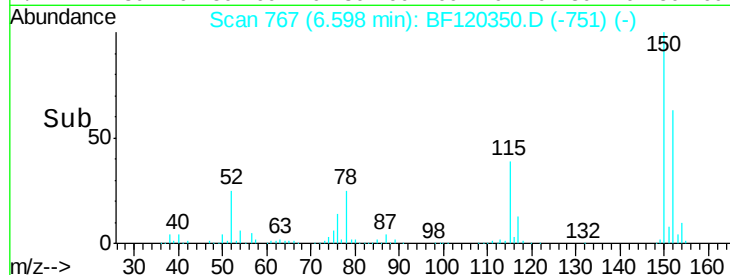
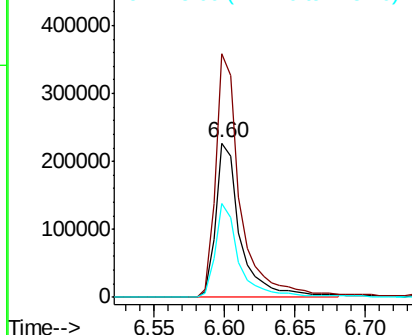


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

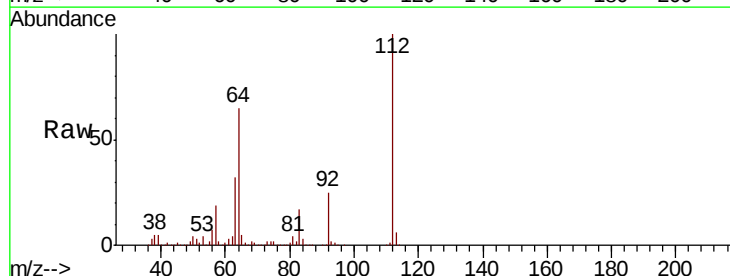
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 72.860 ng
RT: 5.22 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	52.7	79.1
63	32.1	26.2	39.4

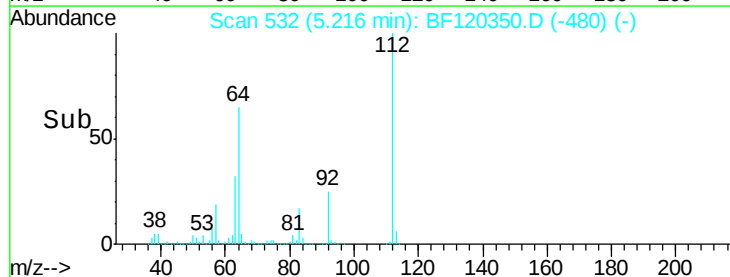
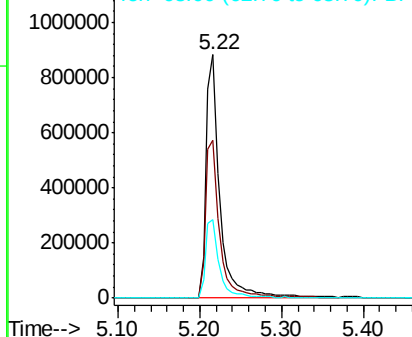


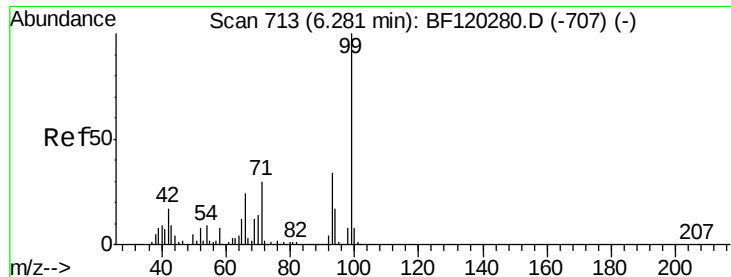
Abundance

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: 89.535 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120350.D

Acq: 18 May 2020 19:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE

Tot Ion: 99 Resp: 1618334

Ion Ratio Lower Upper

99 100

42 18.4 13.6 20.4

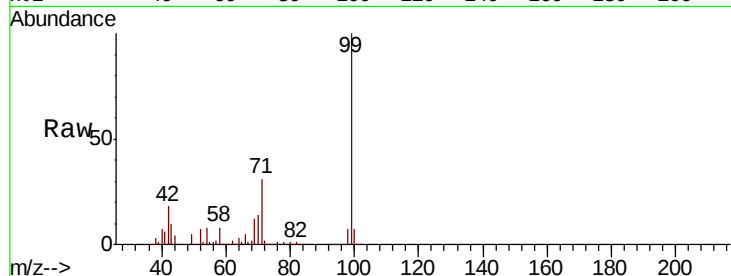
71 30.6 24.2 36.4

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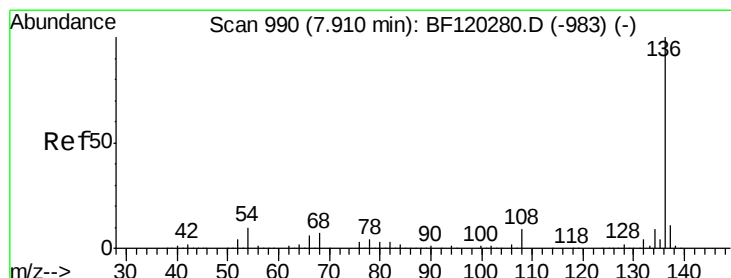
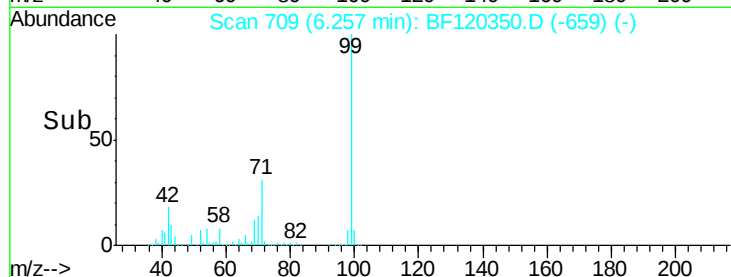
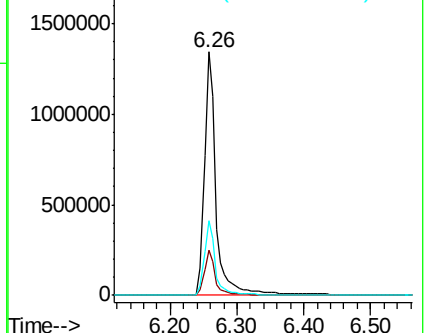
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120350.D

Acq: 18 May 2020 19:06

Tgt Ion: 136 Resp: 1094857

Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.4 7.9 11.9

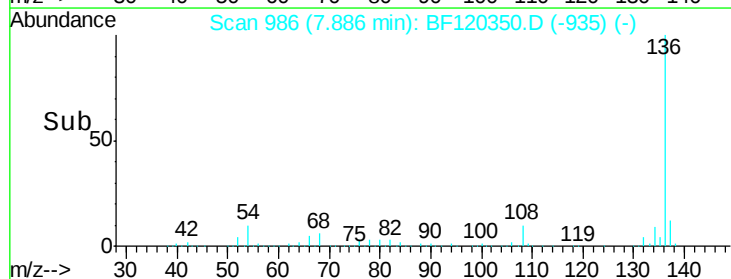
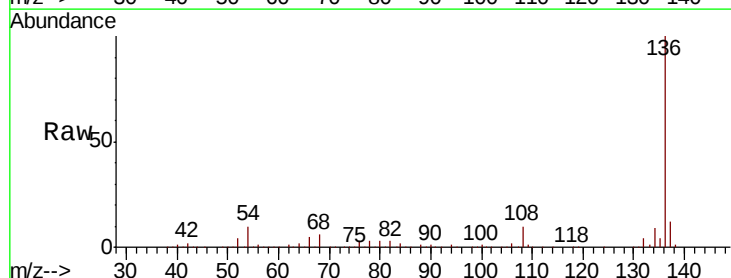
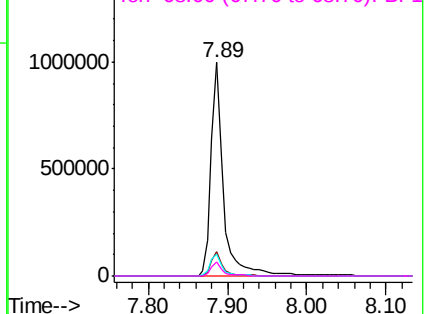
68 6.5 5.4 8.2

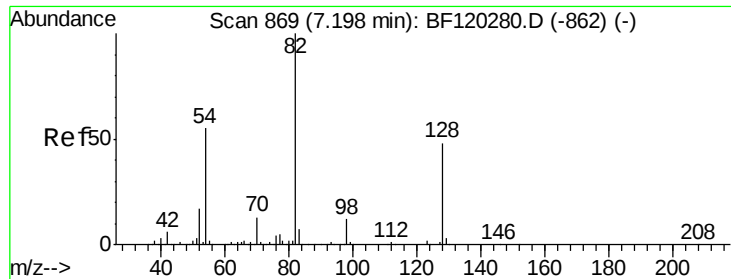
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





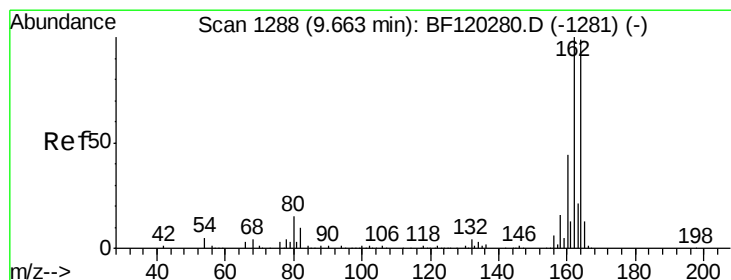
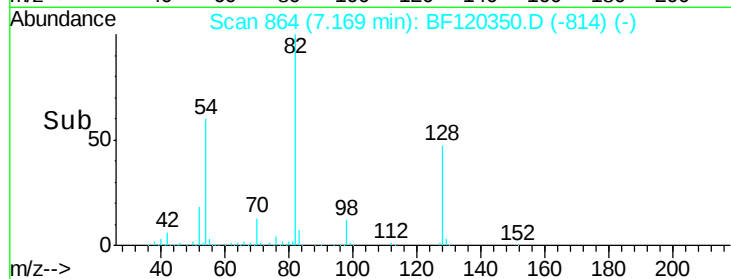
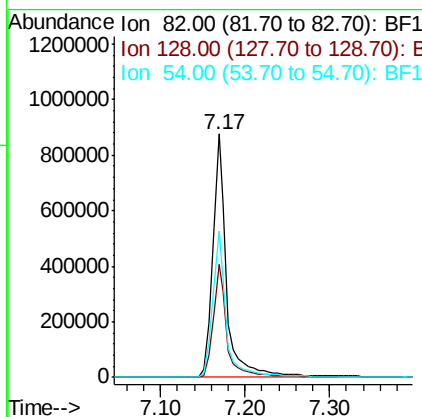
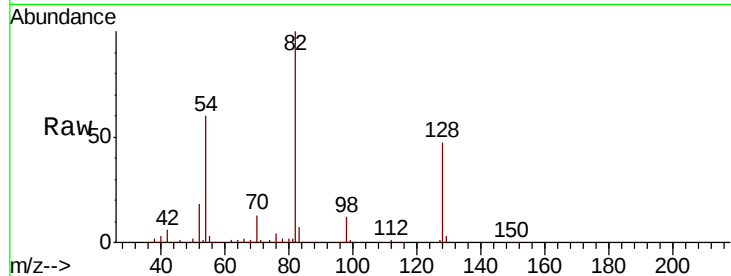
#23
Nitrobenzene-d5
Concen: 64.880 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.3	57.5
54	60.3	43.9	65.9

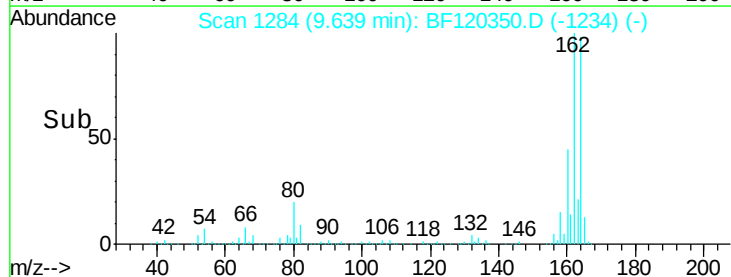
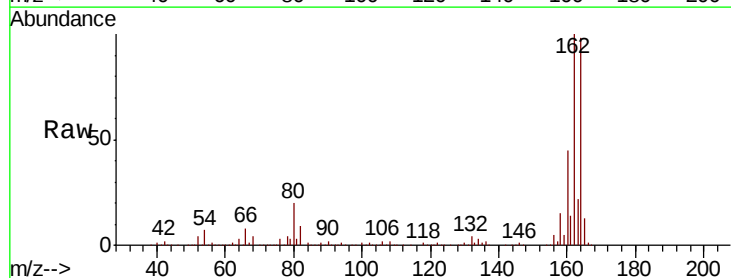
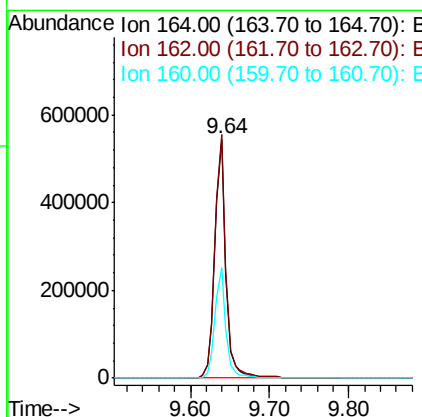
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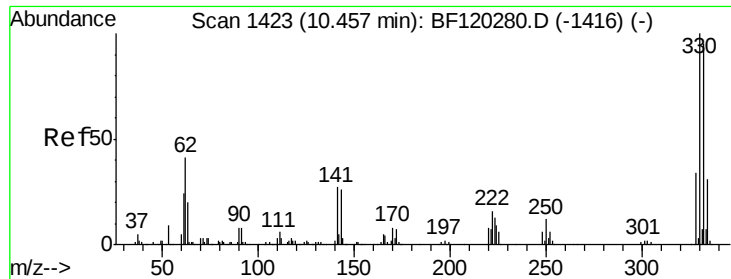
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	46.0	35.8	53.6





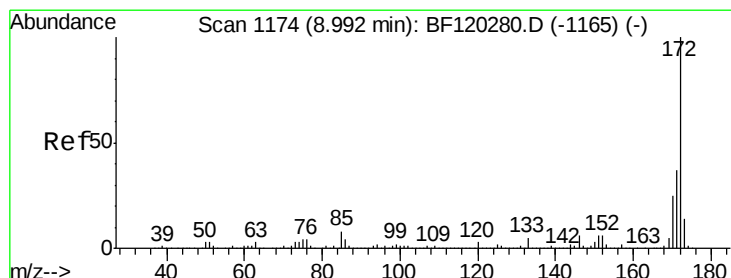
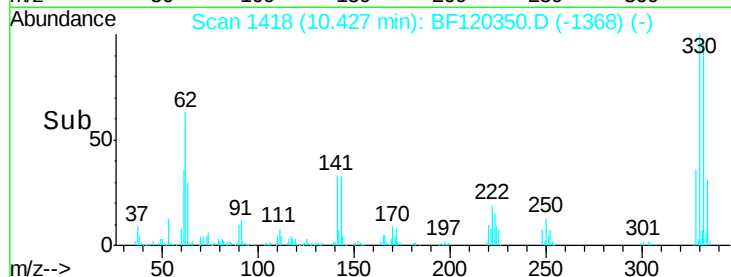
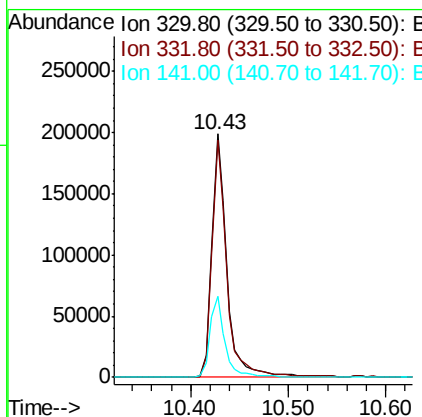
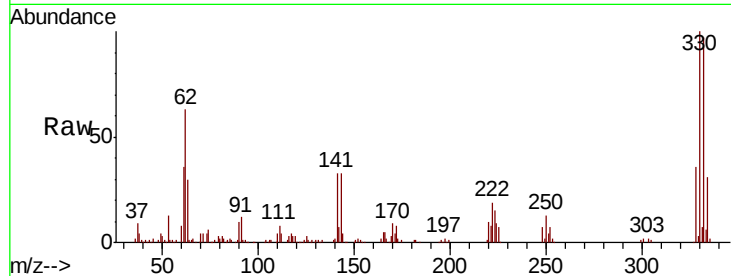
#42
 2,4,6-Tribromophenol
 Concen: 49.503 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120350.D
 Acq: 18 May 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.5	114.7
141	33.0	25.4	38.0

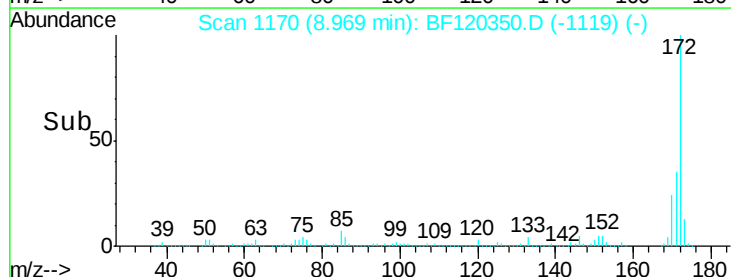
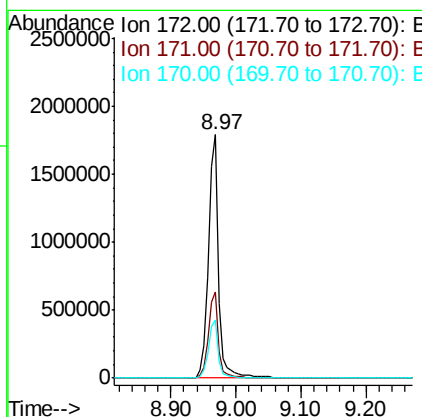
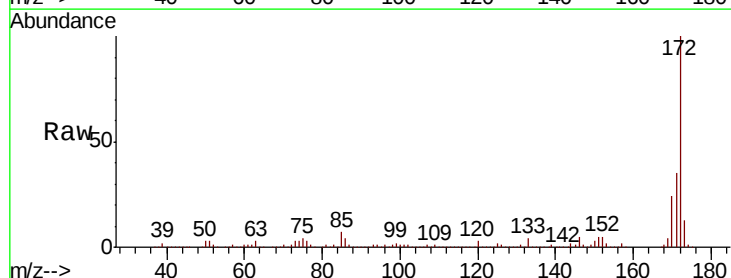
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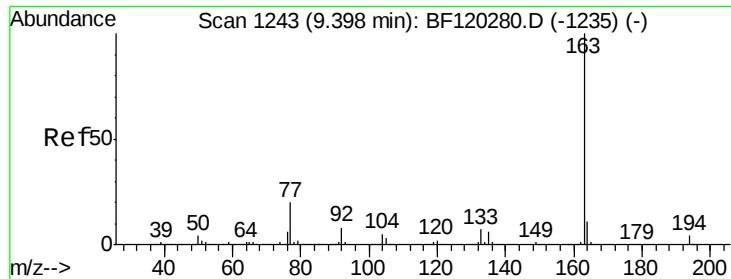
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#45
 2-Fluorobiphenyl
 Concen: 75.005 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120350.D
 Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.0	19.9	29.9





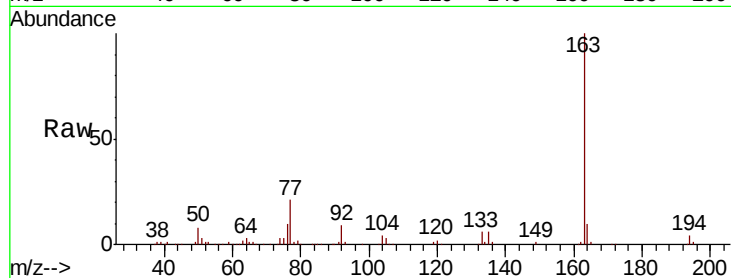
#50
Dimethylphthalate
Concen: 7.984 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

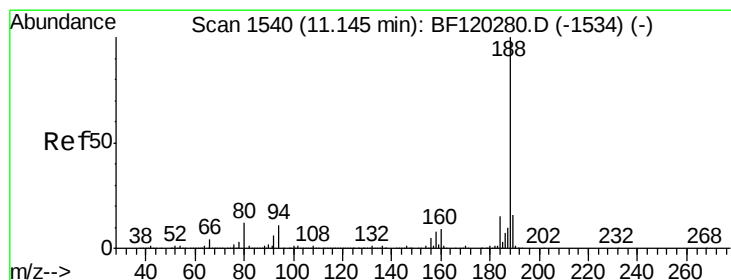
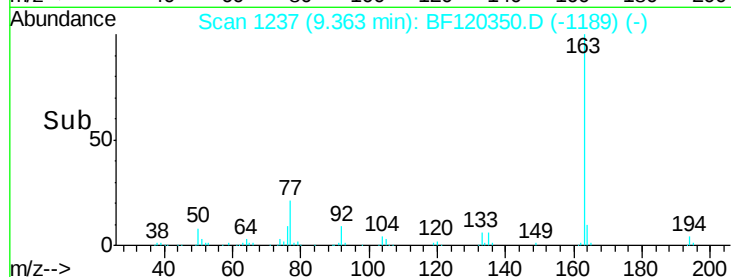
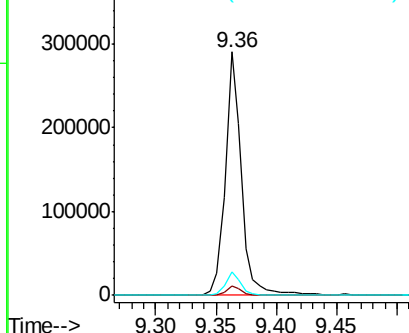
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		267642		
194	3.8		3.1	4.7	
164	9.9		8.6	12.8	

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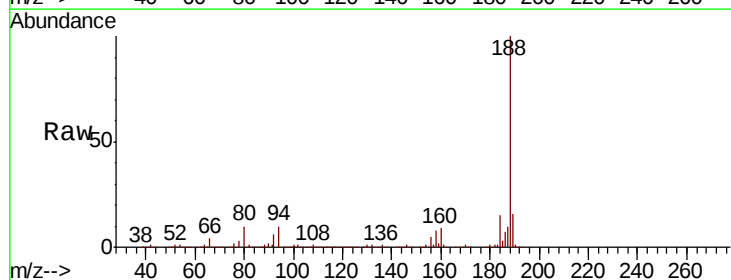


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

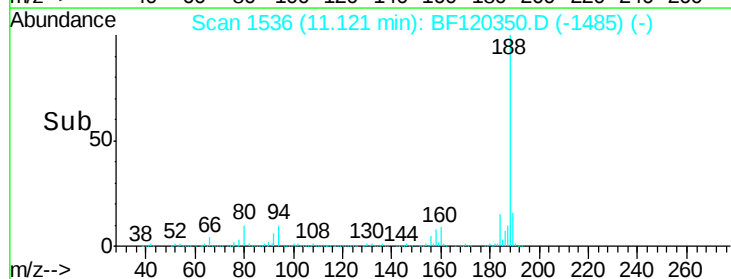
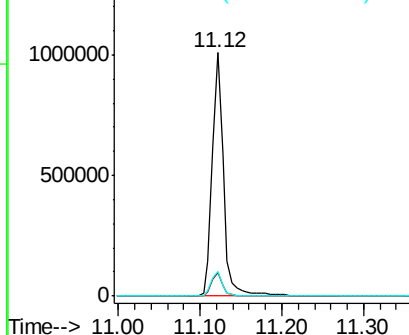


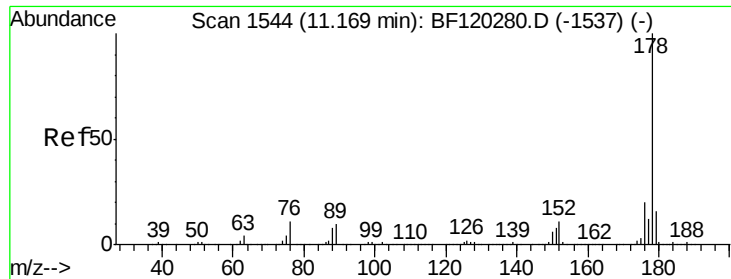
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		970081		
94	9.8		8.6	13.0	
80	10.3		9.2	13.8	



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





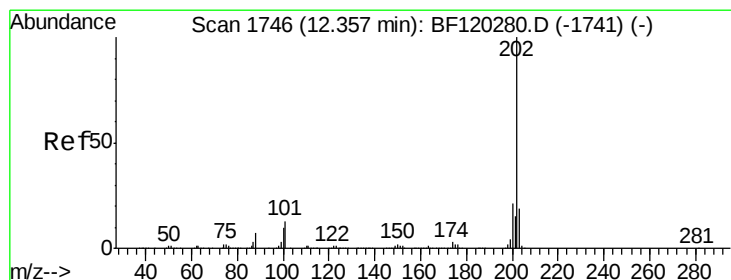
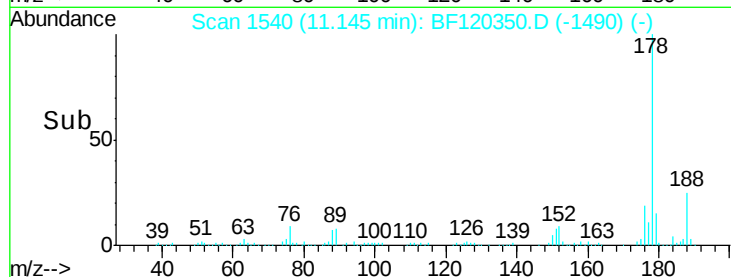
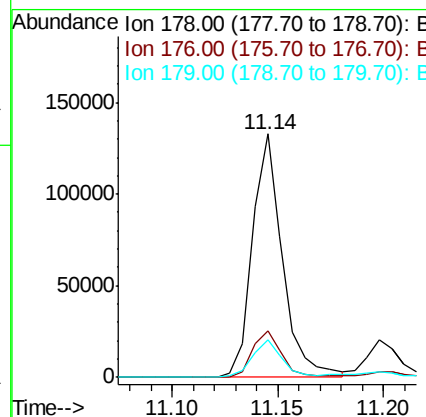
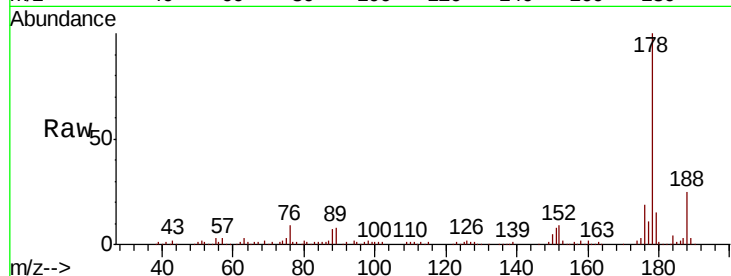
#71
Phenanthrene
Concen: 3.222 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.8	19.2

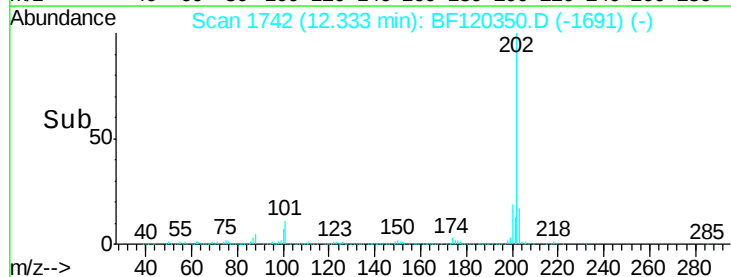
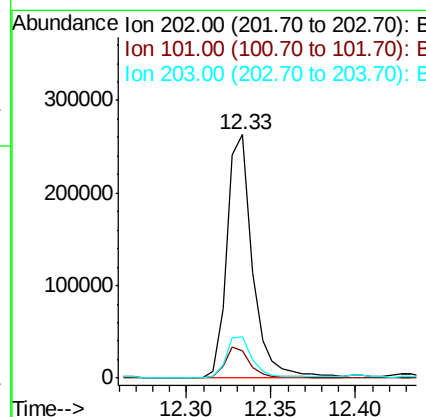
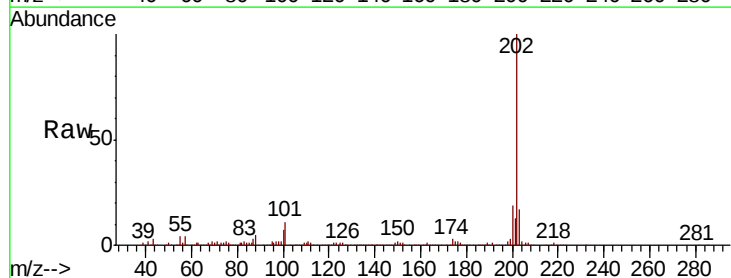
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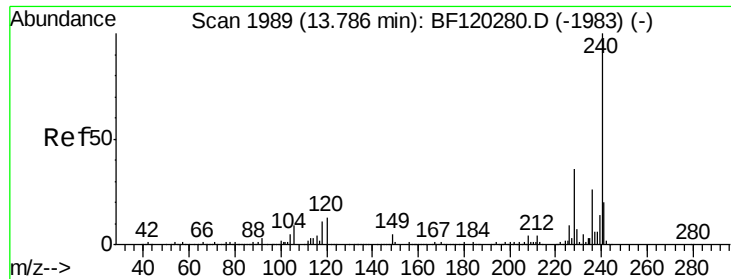
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#75
Fluoranthene
Concen: 6.392 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.2
203	17.0	0.0	39.1





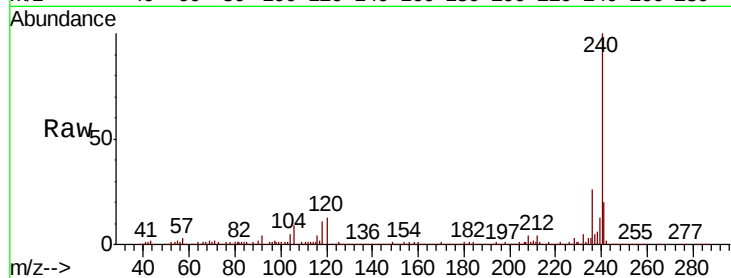
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

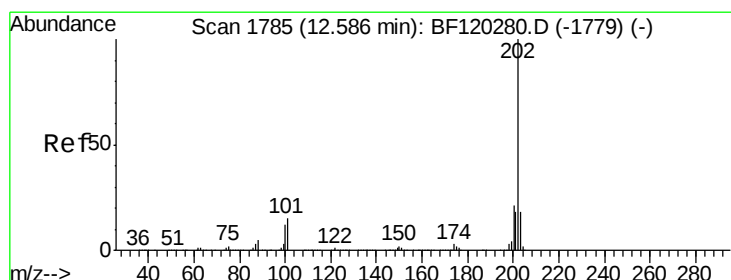
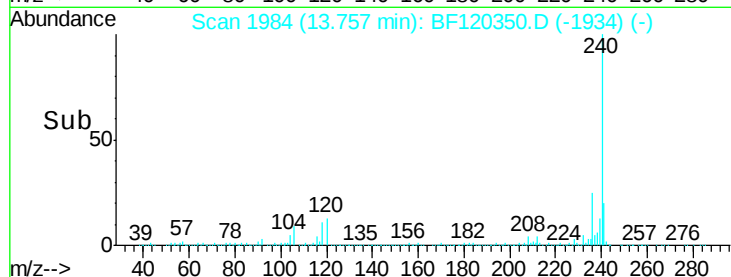
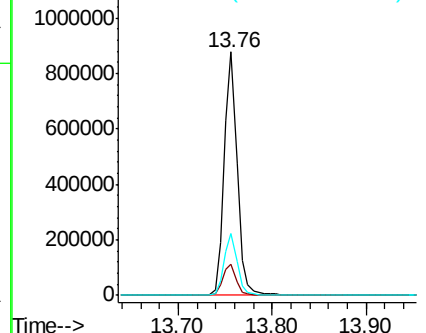
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.4	15.6
236	25.5	21.0	31.6

Manual Integrations
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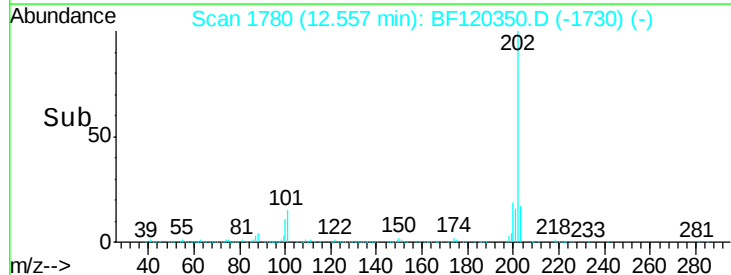
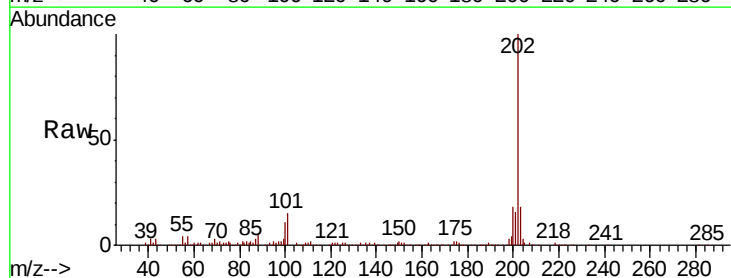
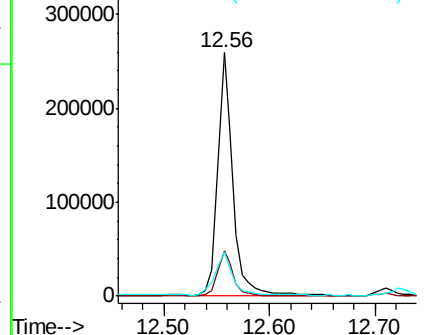
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

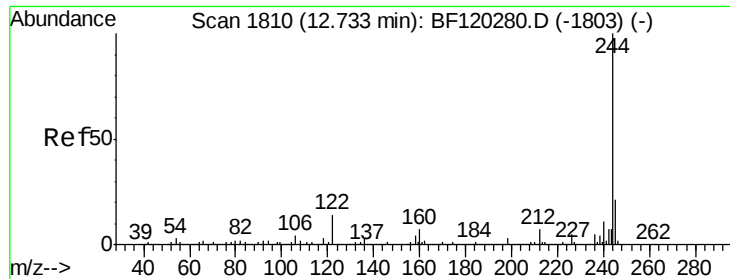


#78
Pyrene
Concen: 4.308 ng
RT: 12.56 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.5	16.6	25.0
203	17.8	14.6	22.0

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





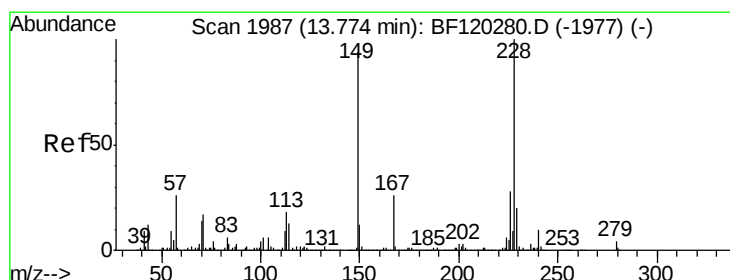
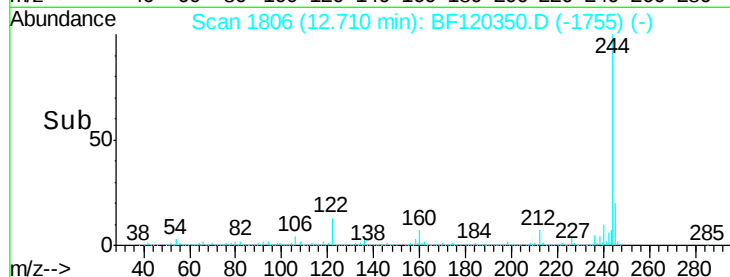
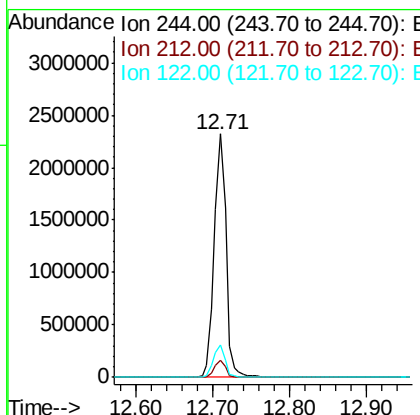
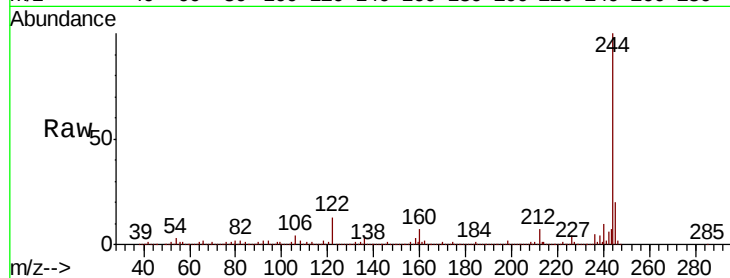
#79
 Terphenyl-d14
 Concen: 62.727 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BF120350.D
 Acq: 18 May 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tot Ion:244 Resp: 2433193
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 13.3 10.8 16.2

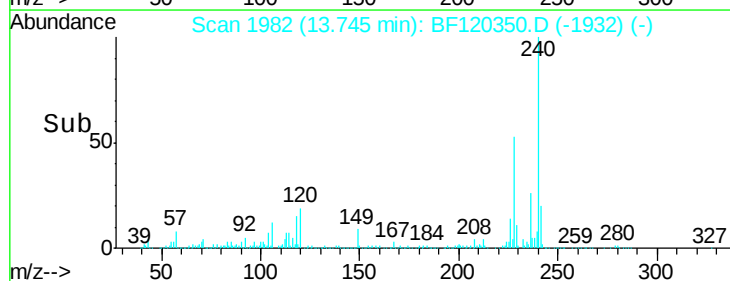
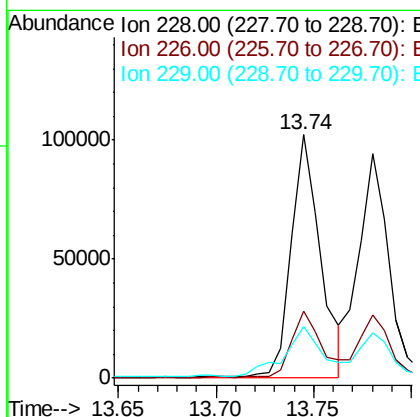
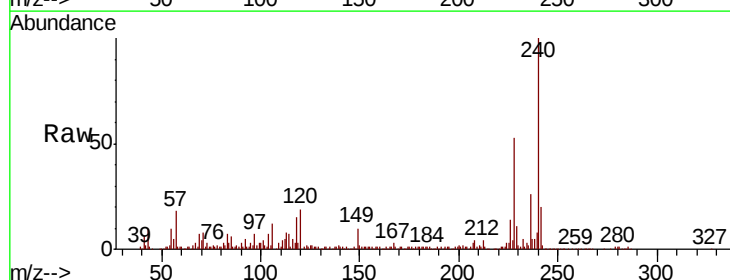
Manual Integrations
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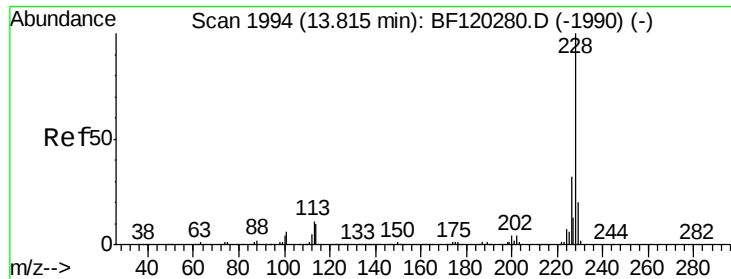
mohammad
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#81
 Benzo(a)anthracene
 Concen: 2.384 ng
 RT: 13.74 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BF120350.D
 Acq: 18 May 2020 19:06

Tgt Ion:228 Resp: 107739
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.6 33.8
 229 21.4 16.4 24.6





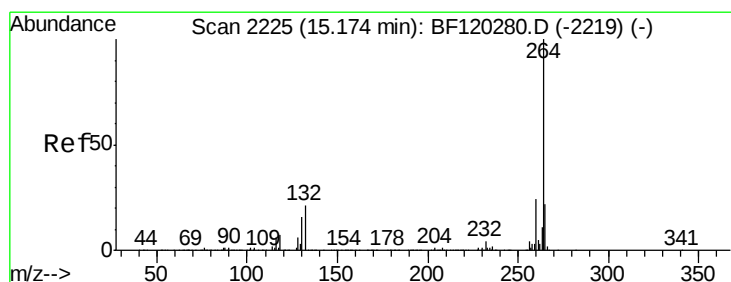
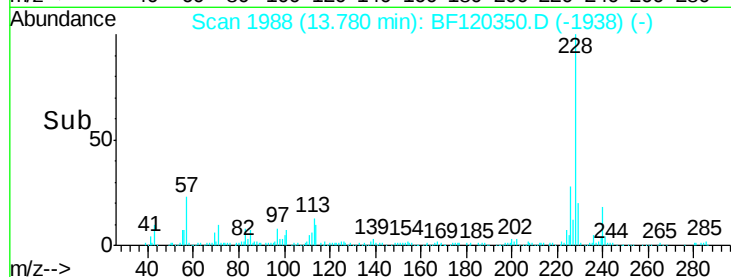
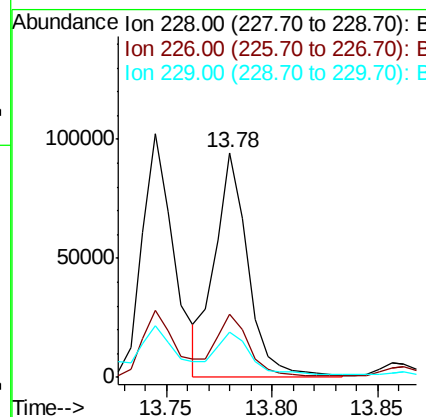
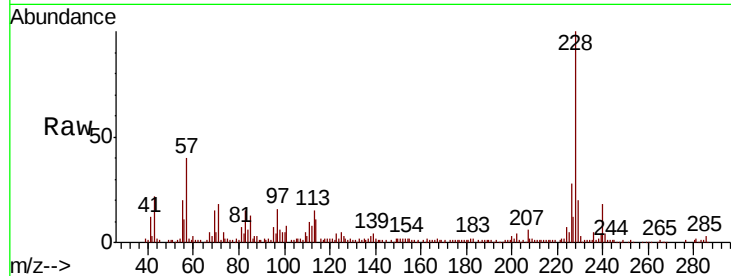
#83
Chrysene
Concen: 2.121 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion:	228	Resp:	102936
Ion Ratio	Lower	Upper	
228	100		
226	28.1	25.0	37.6
229	20.4	16.2	24.4

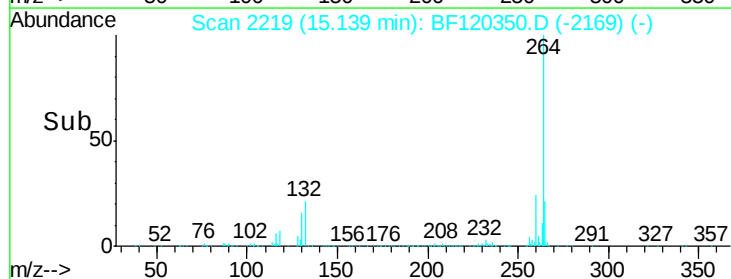
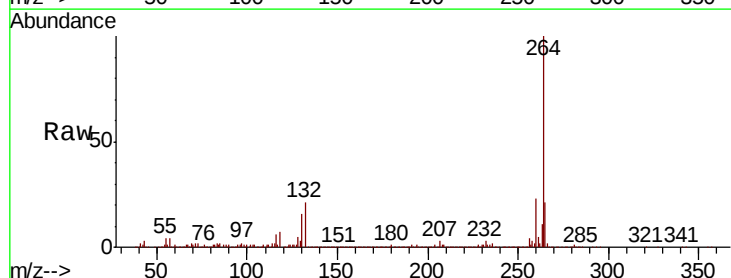
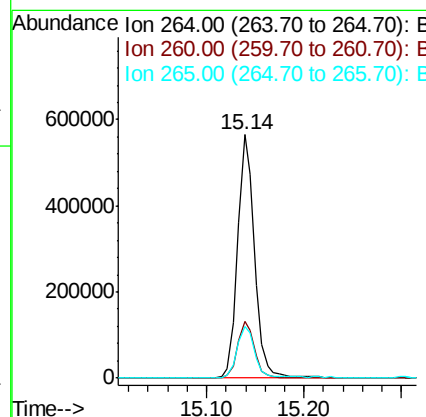
Manual Integrations
APPROVED

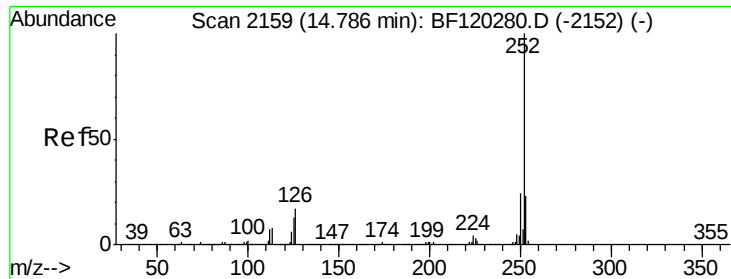
mohammad
5/19/2020 3:05:25 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion:	264	Resp:	680743
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.0	28.6
265	21.1	17.5	26.3





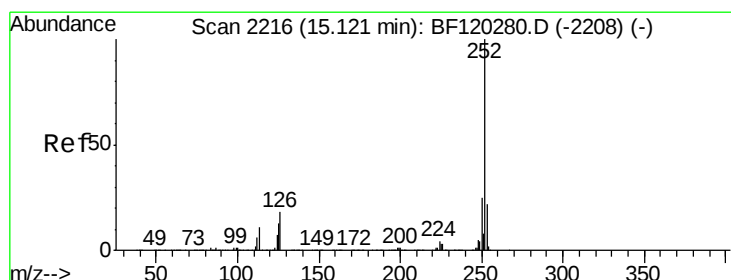
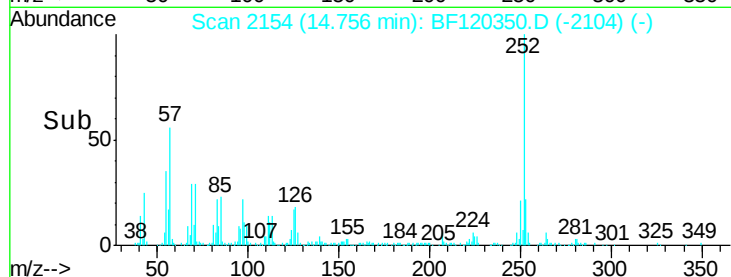
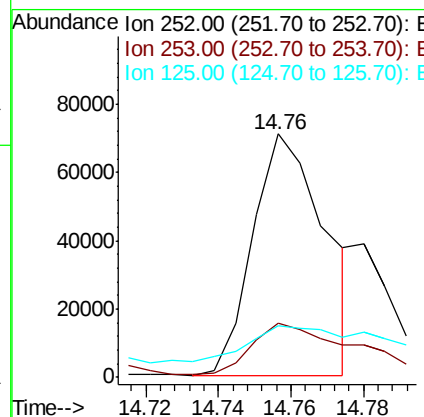
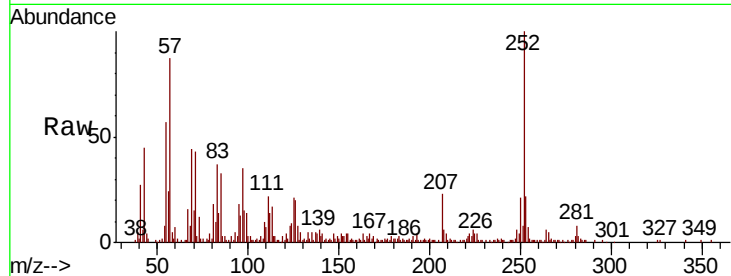
#88
Benzo(b)fluoranthene
Concen: 2.651 ng m
RT: 14.76 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	21.2	10.4	15.6

Manual Integrations
APPROVED

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#90
Benzo(a)pyrene
Concen: 2.087 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF120350.D
Acq: 18 May 2020 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	19.5	10.6	16.0

