

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121366.D
 Acq On : 21 Aug 2020 13:54
 Operator : JU/CG
 Sample : L3710-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-3-SOIL-DRUM

Manual Integrations
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 8/24/2020 1:50:05 PM

Quant Time: Aug 21 14:39:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	161203	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	608350	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	305300	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	561734	20.00	ng	0.00
76) Chrysene-d12	13.84	240	369756	20.00	ng	0.00
86) Perylene-d12	15.26	264	344949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	663130	67.45	ng	0.00
7) Phenol-d6	6.34	99	806688	64.28	ng	0.00
23) Nitrobenzene-d5	7.26	82	527437	49.03	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	226704	63.72	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	926543	53.46	ng	0.00
79) Terphenyl-d14	12.80	244	849622	44.90	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	202341	9.110	ng	99
71) Phenanthrene	11.23	178	70032	2.409	ng	98
75) Fluoranthene	12.42	202	218287	6.918	ng	99
78) Pyrene	12.65	202	306874	11.049	ng	99
81) Benzo(a)anthracene	13.84	228	163225	7.107	ng	94
83) Chrysene	13.87	228	181385	7.722	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	182706	13.018	ng	100
87) Indeno(1,2,3-cd)pyrene	16.61	276	77552	3.683	ng	96
88) Benzo(b)fluoranthene	14.86	252	235978m	10.589	ng	
89) Benzo(k)fluoranthene	14.88	252	79209m	4.038	ng	
90) Benzo(a)pyrene	15.20	252	90427	4.696	ng	99
92) Benzo(a,h,i)perylene	17.02	276	73320	4.344	ng	98

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

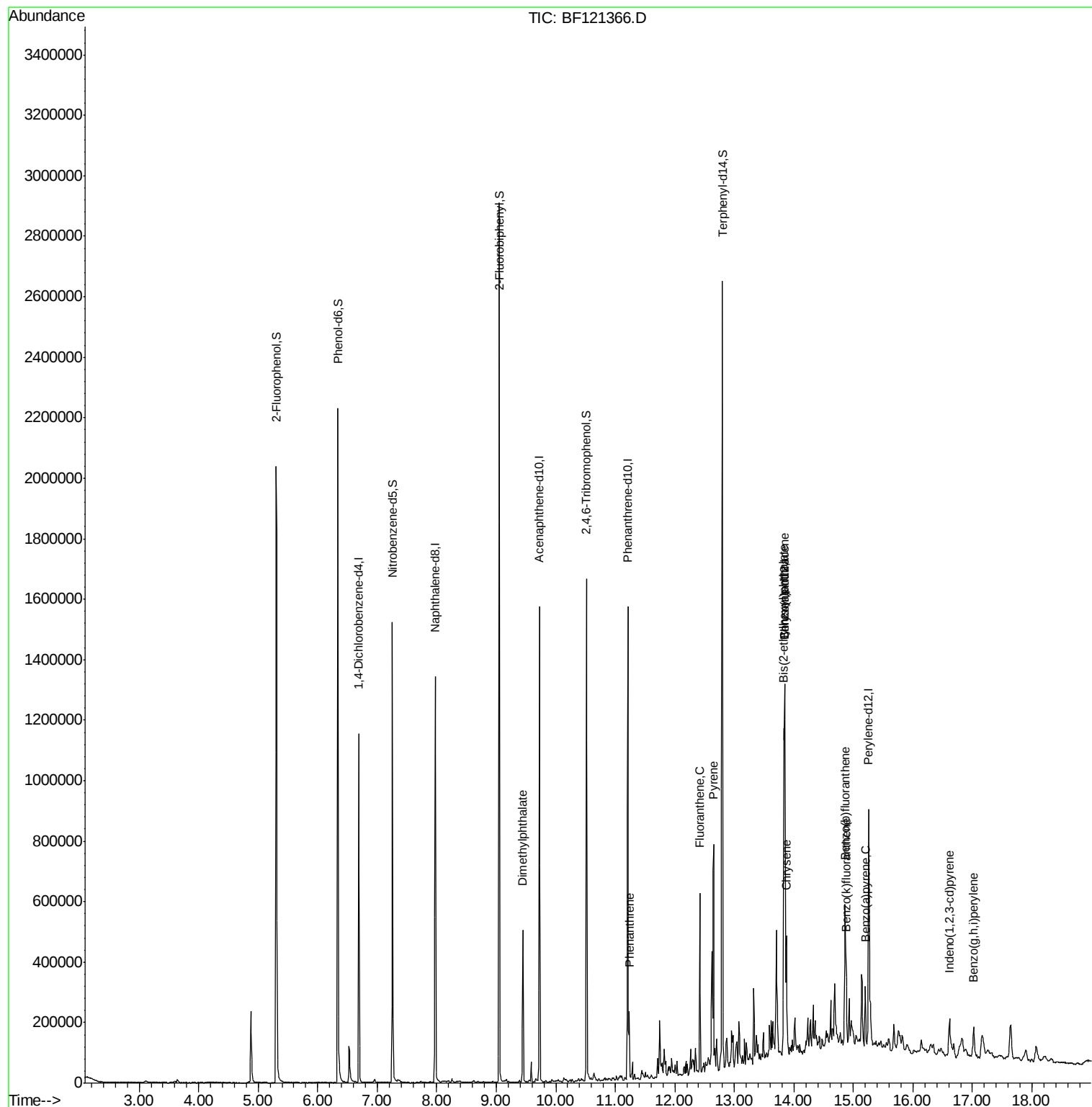
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121366.D
Acq On : 21 Aug 2020 13:54
Operator : JU/CG
Sample : L3710-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

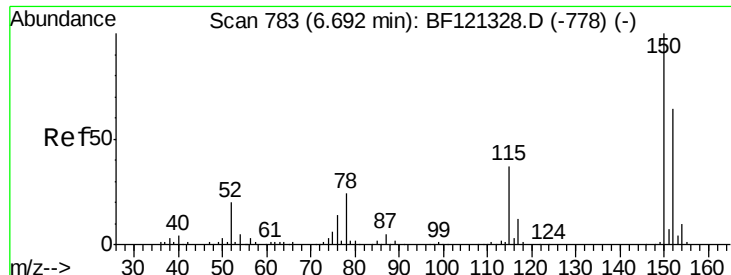
Instrument :
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1-3-SOIL-DRUM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

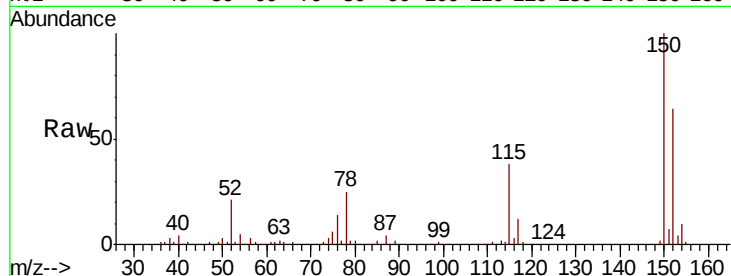
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.8	187.2
115	59.6	46.1	69.1

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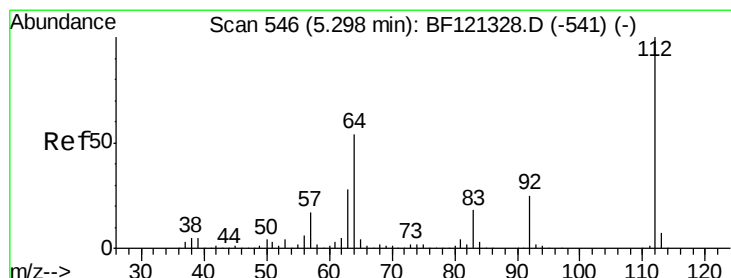
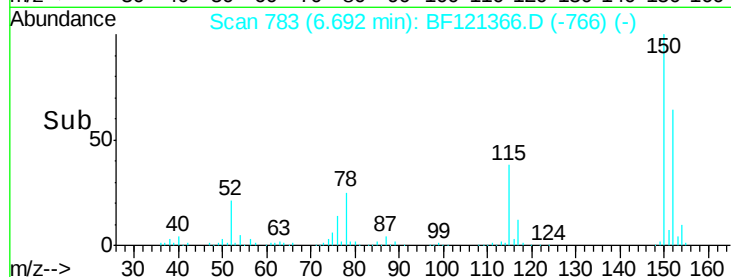
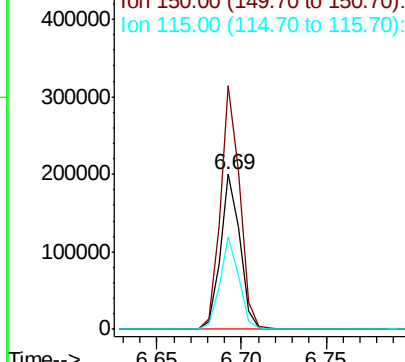


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

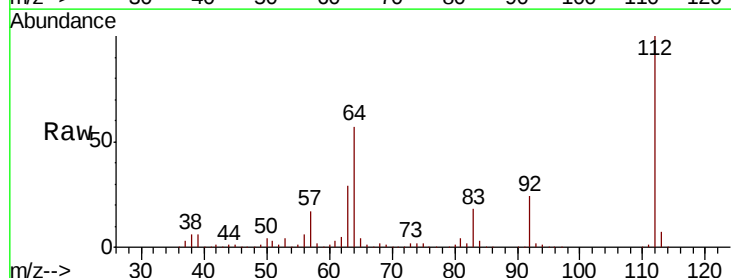
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 67.453 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	28.7	22.0	33.0

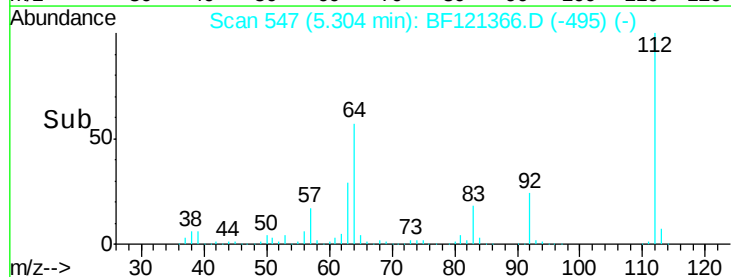
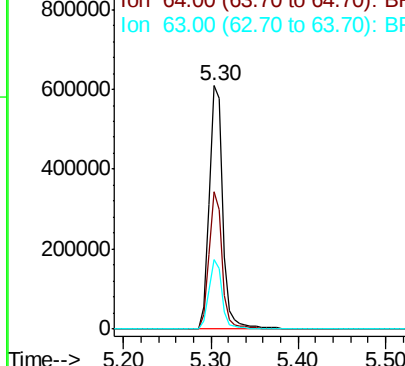


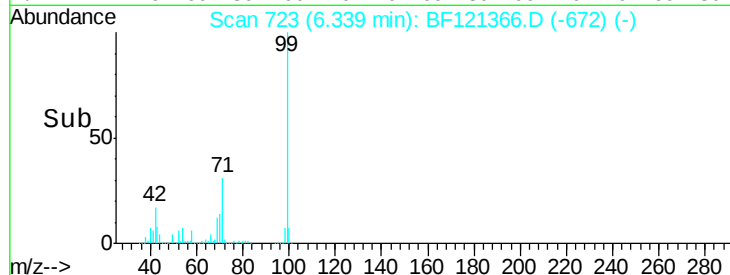
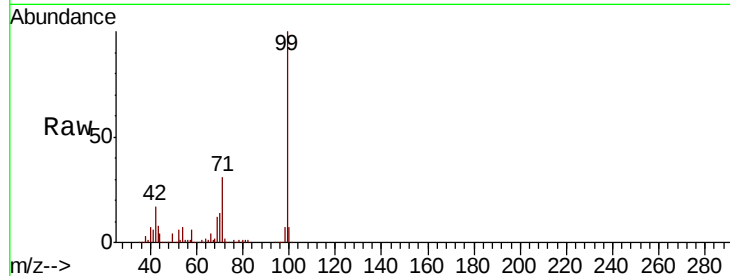
Abundance

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: 64.277 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121366.D

Acq: 21 Aug 2020 13:54

Tot Ion:	99	Resp:	806688
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.5	20.3
71	31.5	25.2	37.8

Instrument :

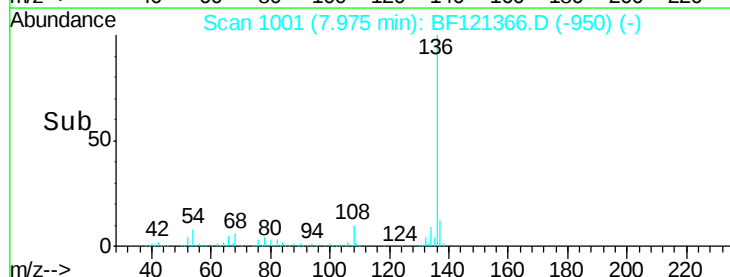
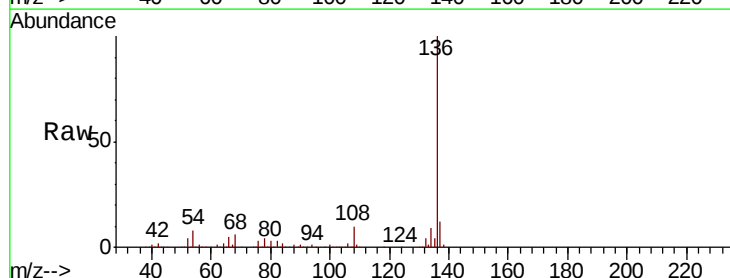
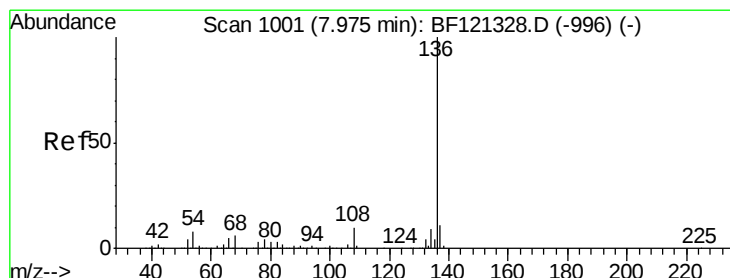
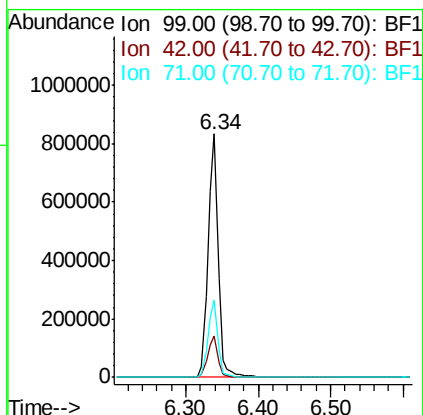
BNA_F

ClientSampleId :

1-3-SOIL-DRUM

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#21

Naphthalene-d8

Concen: 20.000 ng

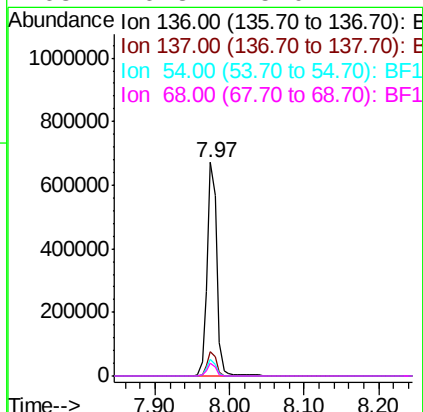
RT: 7.97 min Scan# 1001

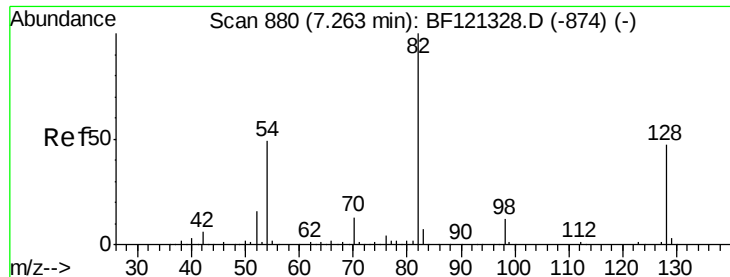
Delta R.T. 0.00 min

Lab File: BF121366.D

Acq: 21 Aug 2020 13:54

Tgt Ion:	136	Resp:	608350
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	8.0	6.1	9.1
68	6.3	5.0	7.4





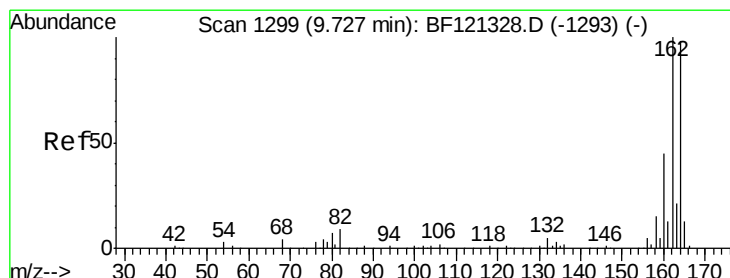
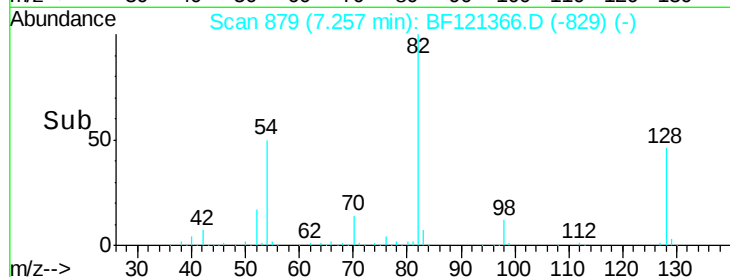
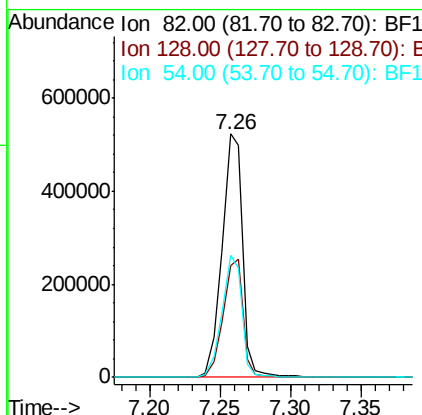
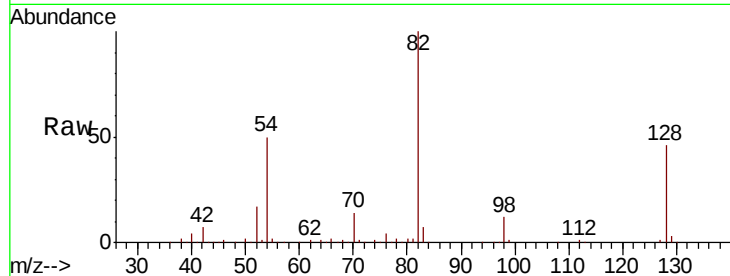
#23
 Nitrobenzene-d5
 Concen: 49.034 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121366.D
 Acq: 21 Aug 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.9	56.9
54	49.9	39.0	58.4

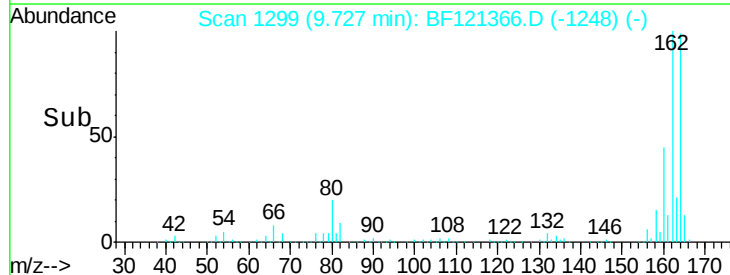
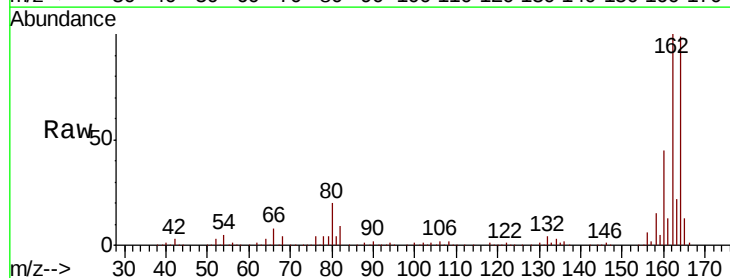
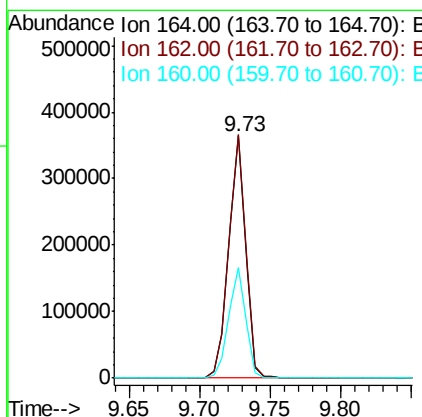
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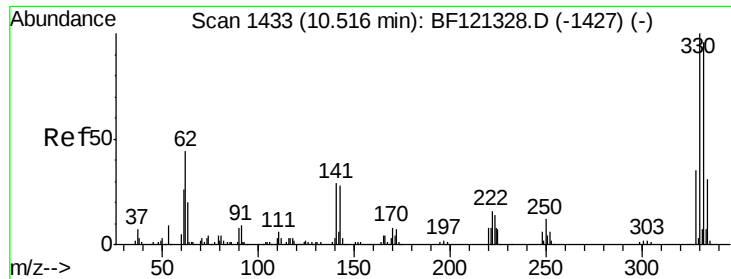
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF121366.D
 Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.7	122.5
160	45.8	37.0	55.4





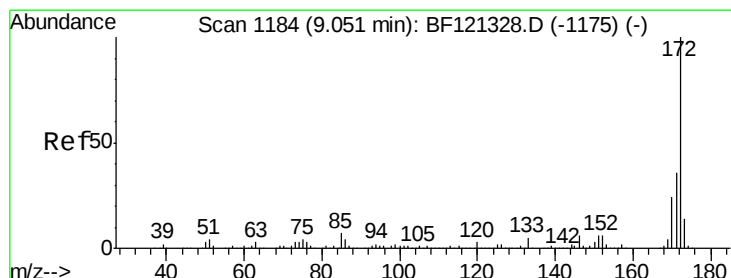
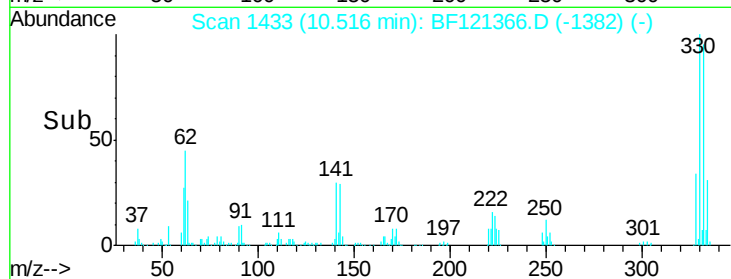
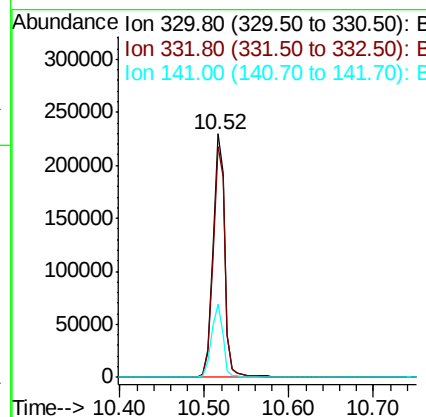
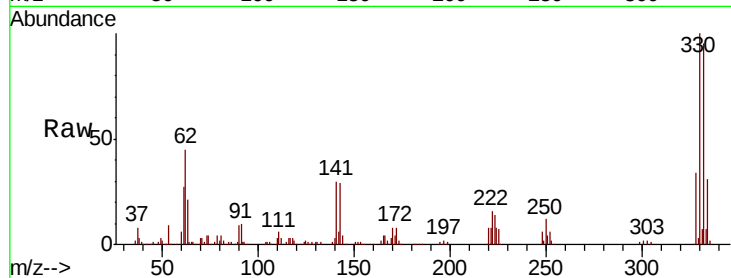
#42
 2,4,6-Tribromophenol
 Concen: 63.722 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121366.D
 Acq: 21 Aug 2020 13:54

Instrument :
 BNA_F
 ClientSampleId :
 1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	29.7	22.8	34.2

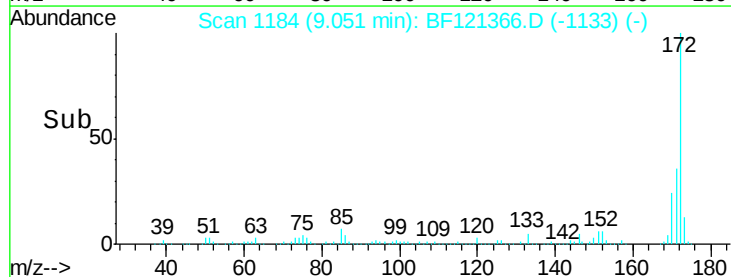
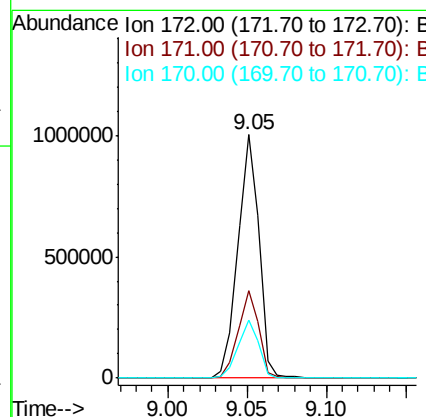
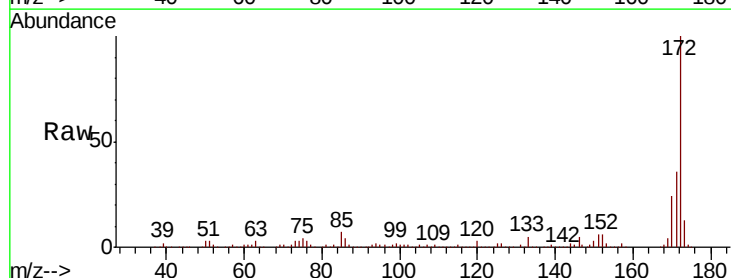
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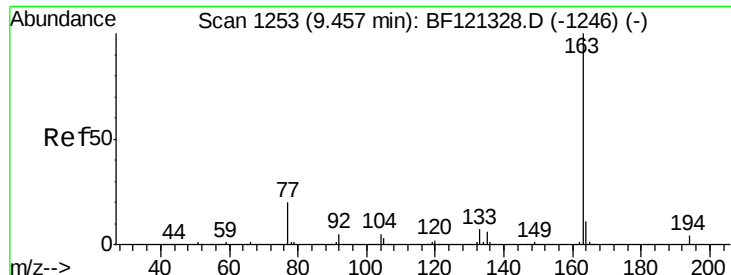
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#45
 2-Fluorobiphenyl
 Concen: 53.464 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121366.D
 Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.9	19.4	29.2





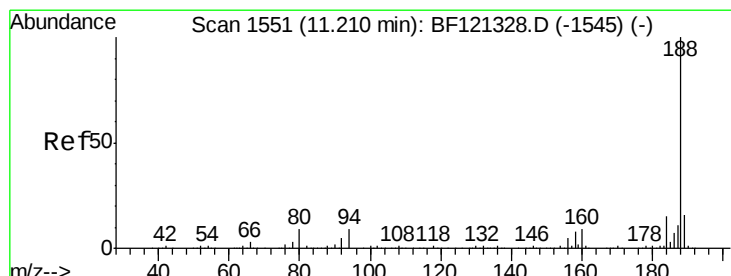
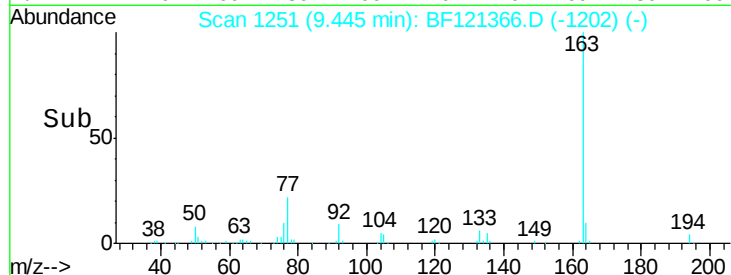
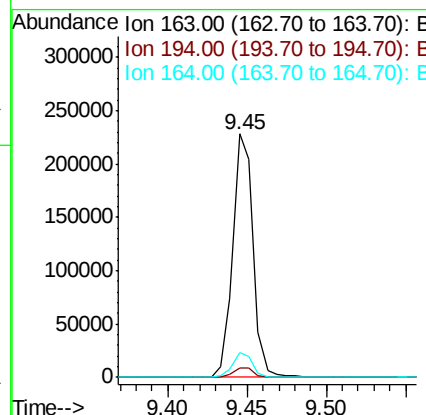
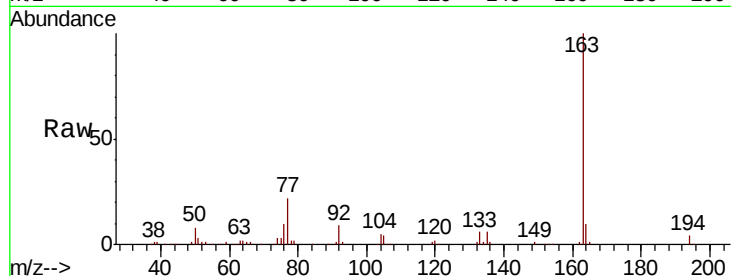
#50
Dimethylphthalate
Concen: 9.110 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	3.6		3.0	4.6	
164	10.0		8.4	12.6	

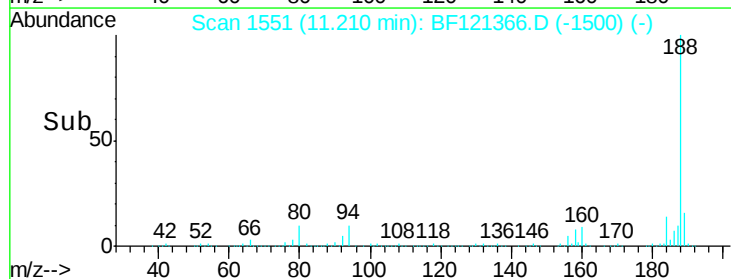
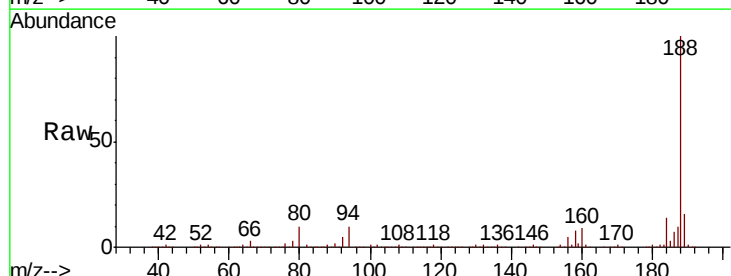
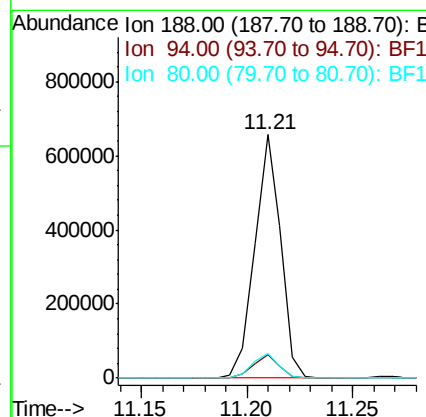
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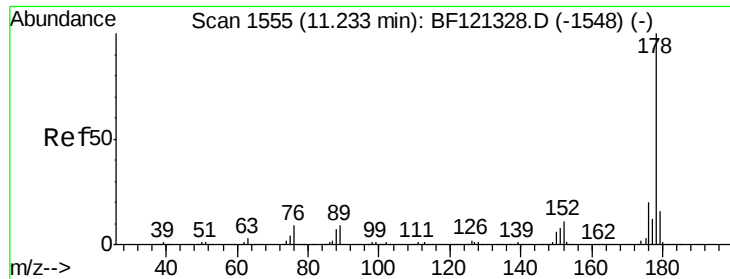
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.6		7.2	10.8	
80	10.1		7.4	11.0	





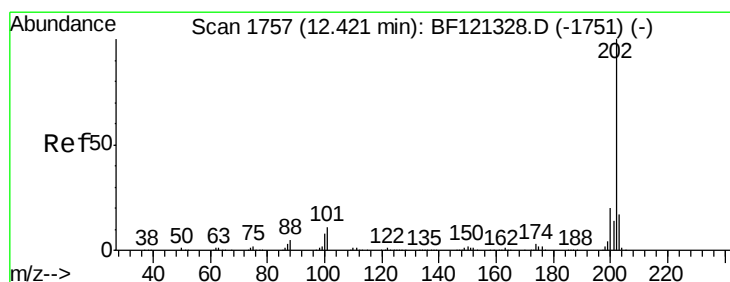
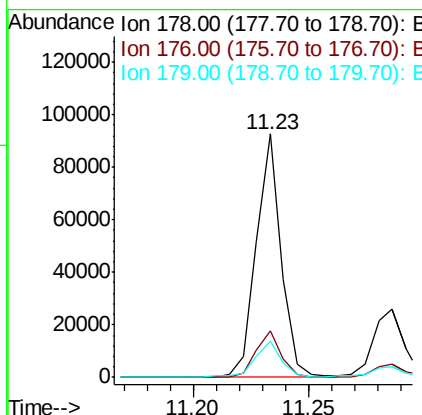
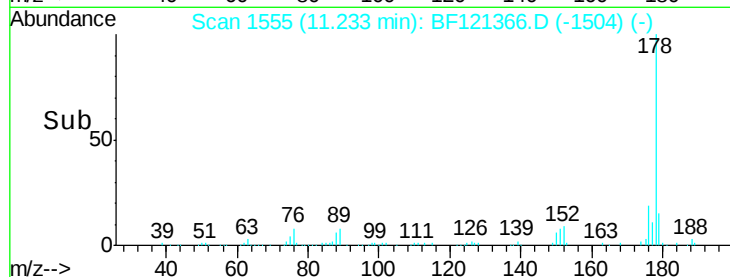
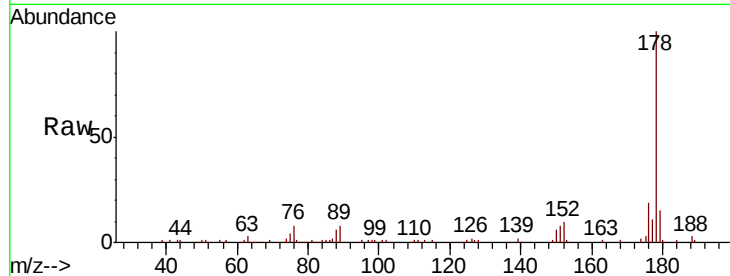
#71
Phenanthrene
Concen: 2.409 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	14.9	12.8	19.2

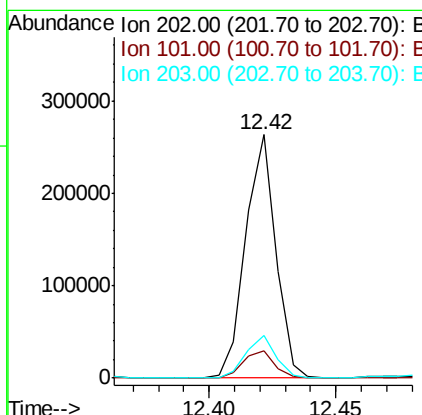
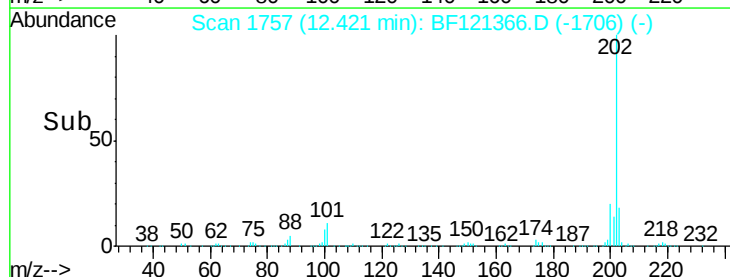
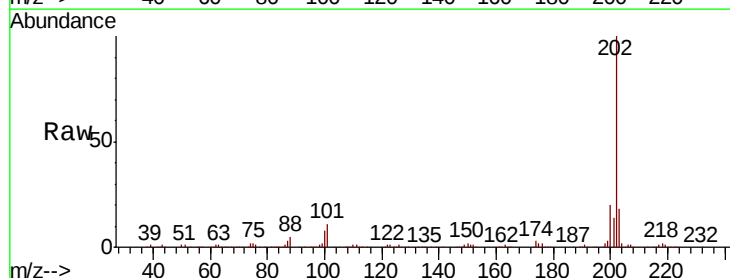
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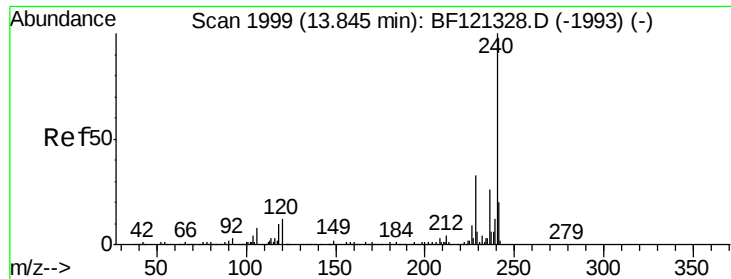
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#75
Fluoranthene
Concen: 6.918 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.6
203	17.5	0.0	37.5





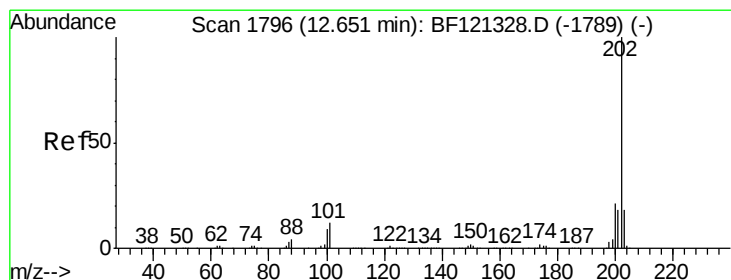
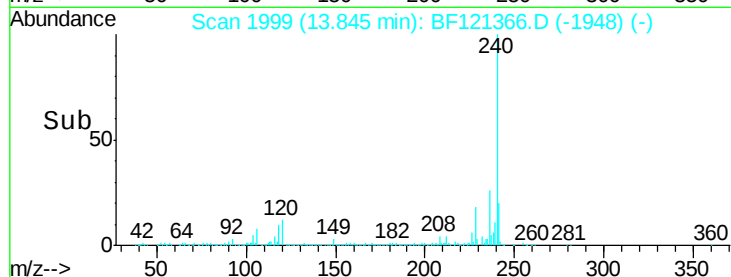
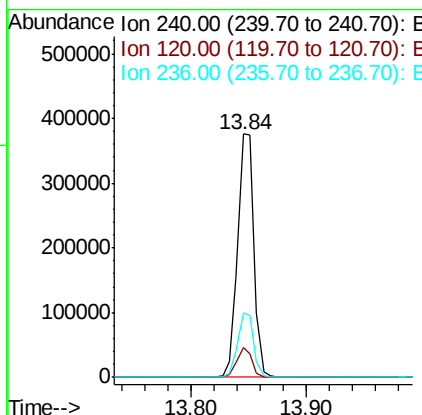
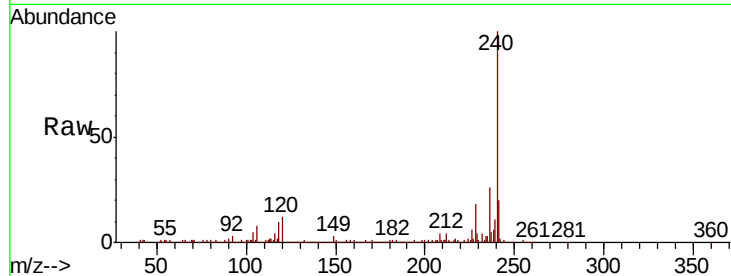
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.6	14.4
236	26.4	20.6	31.0

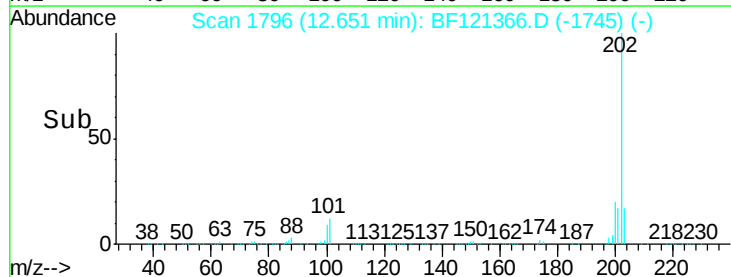
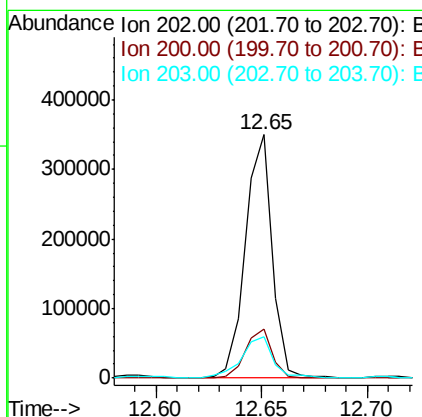
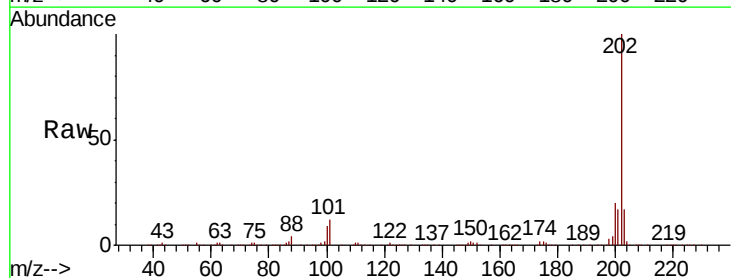
Manual Integrations
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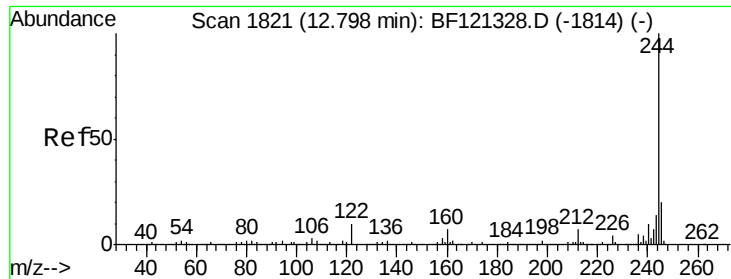
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#78
Pyrene
Concen: 11.049 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.0	14.2	21.2





#79

Terphenyl-d14

Concen: 44.902 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121366.D

Acq: 21 Aug 2020 13:54

Instrument :

BNA_F

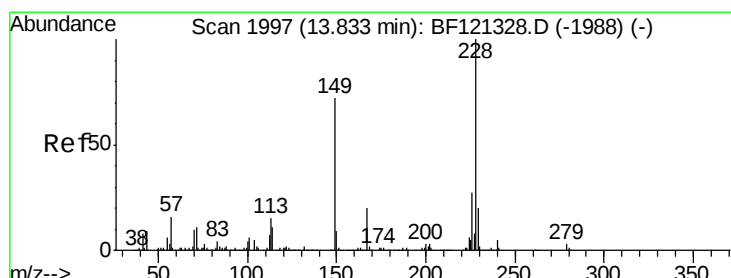
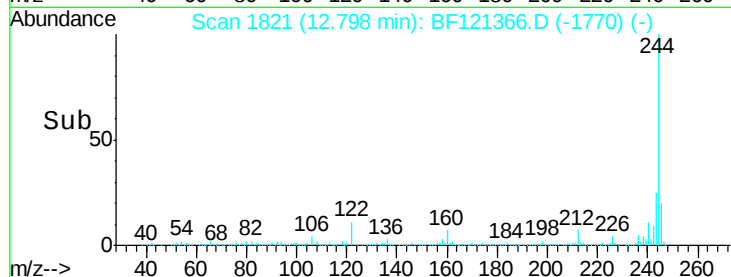
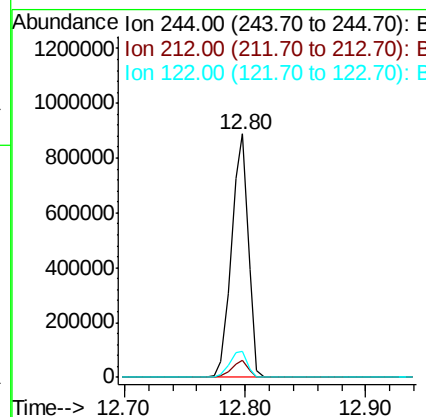
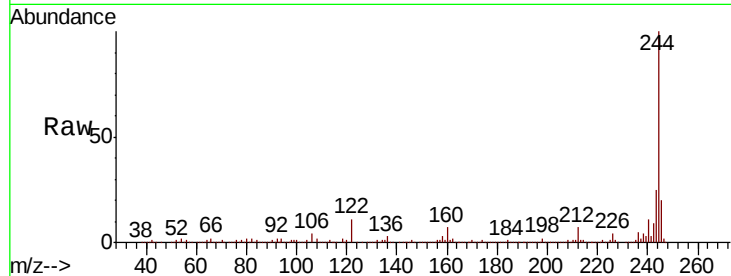
ClientSampleId :

1-3-SOIL-DRUM

Tot Ion:	244	Resp:	849622
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	10.9	7.8	11.8

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#81

Benzo(a)anthracene

Concen: 7.107 ng

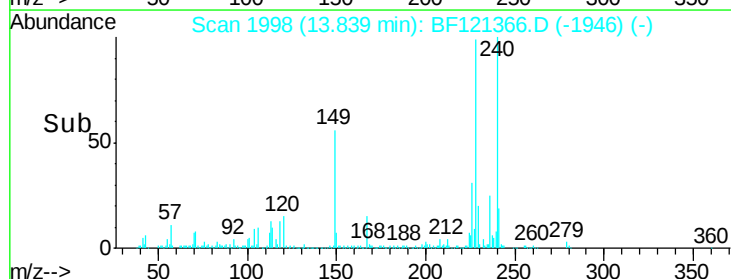
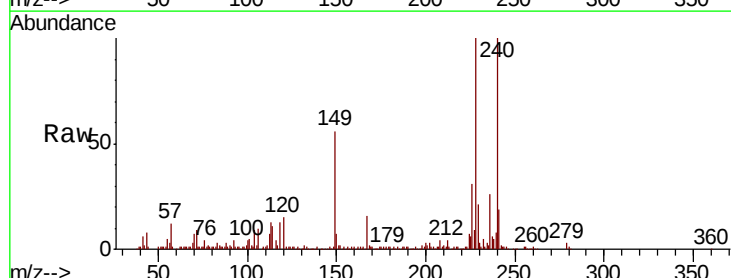
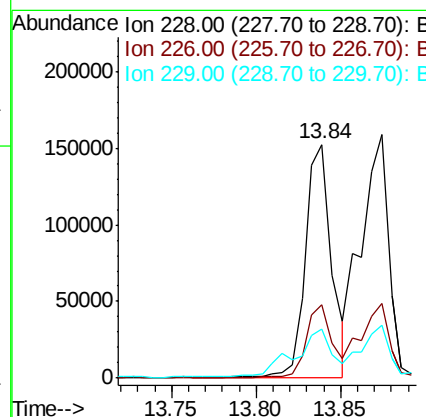
RT: 13.84 min Scan# 1998

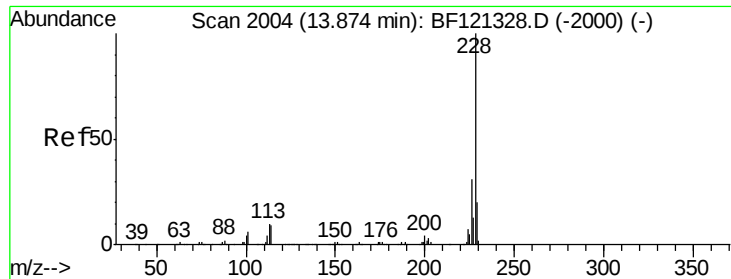
Delta R.T. 0.01 min

Lab File: BF121366.D

Acq: 21 Aug 2020 13:54

Tgt Ion:	228	Resp:	163225
Ion Ratio	Lower	Upper	
228	100		
226	31.3	21.8	32.6
229	21.0	15.8	23.8





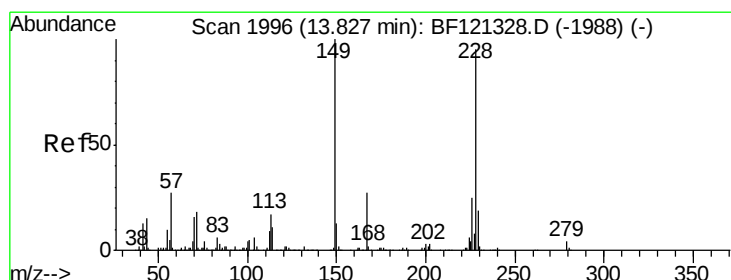
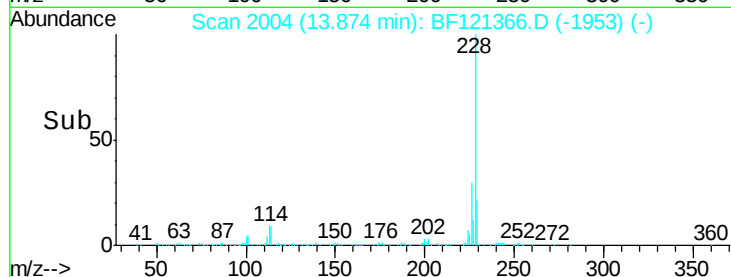
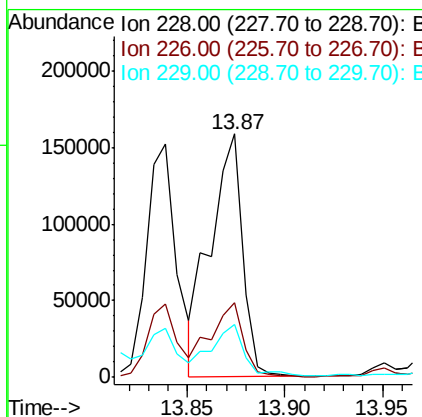
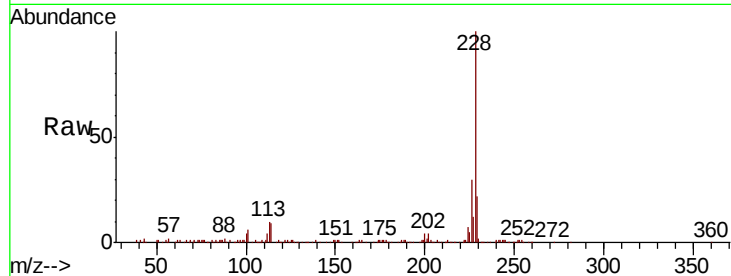
#83
Chrysene
Concen: 7.722 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	21.9	15.9	23.9

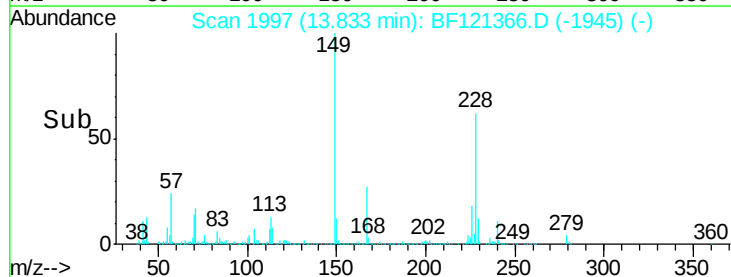
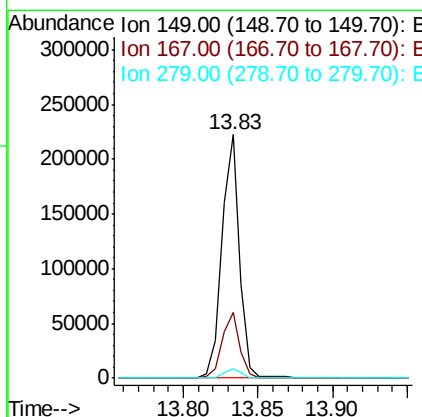
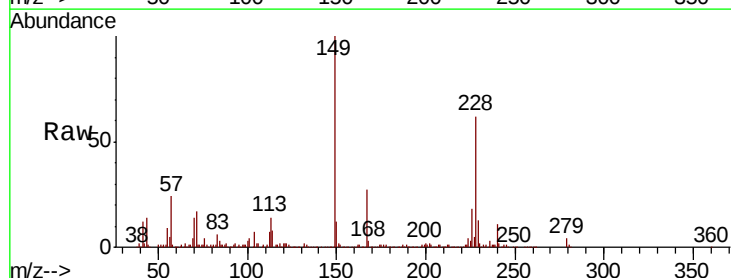
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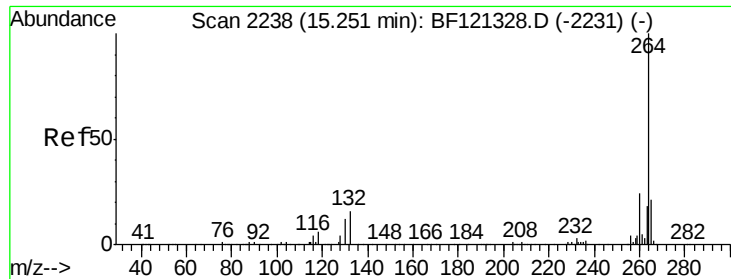
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#84
Bis(2-ethylhexyl)phthalate
Concen: 13.018 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.5	32.3
279	4.0	2.9	4.3





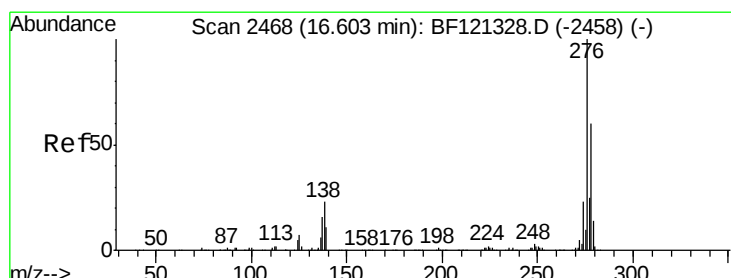
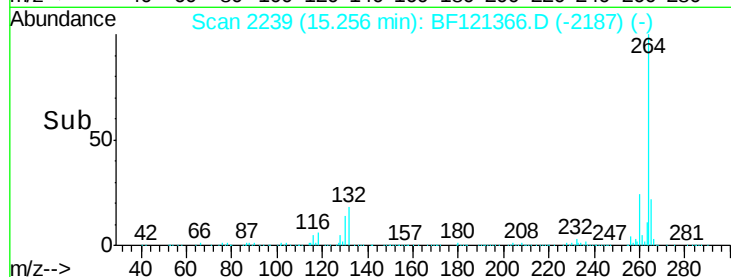
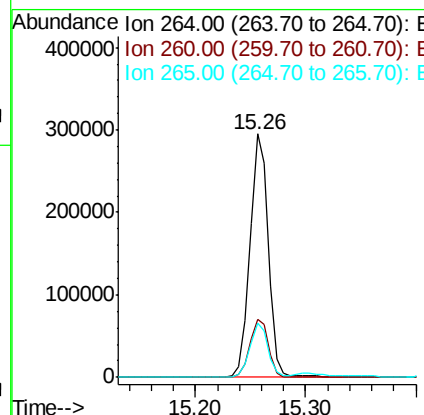
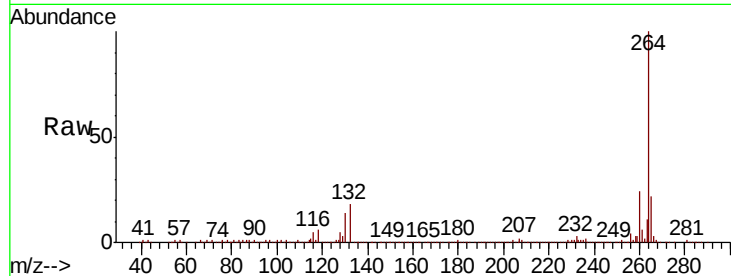
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.5	17.1	25.7

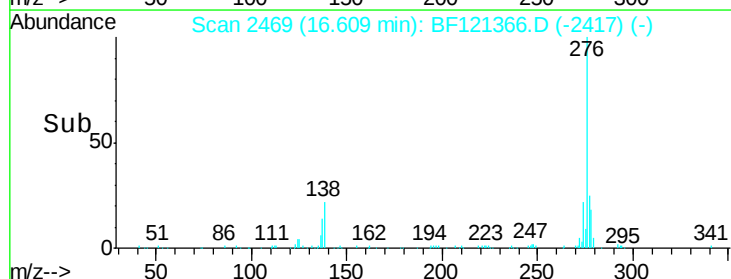
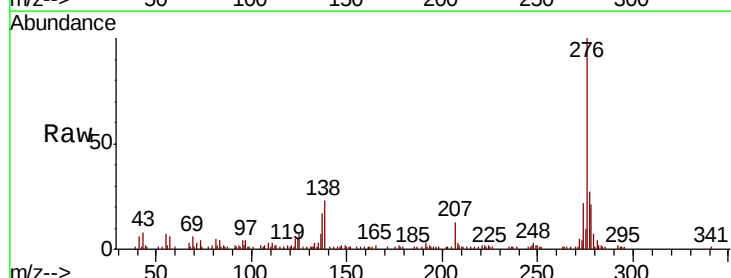
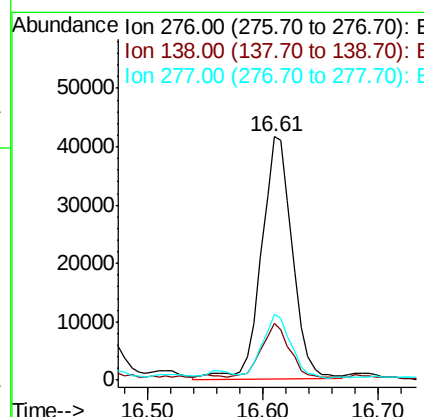
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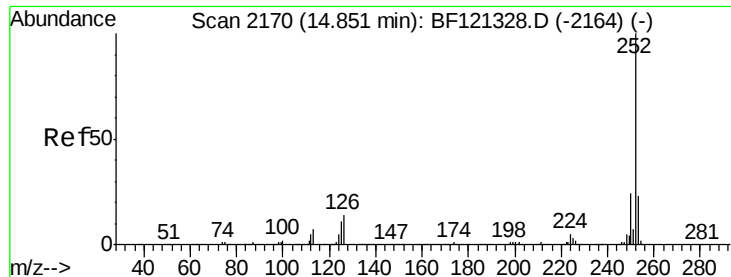
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.683 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.4	29.0
277	24.4	19.9	29.9





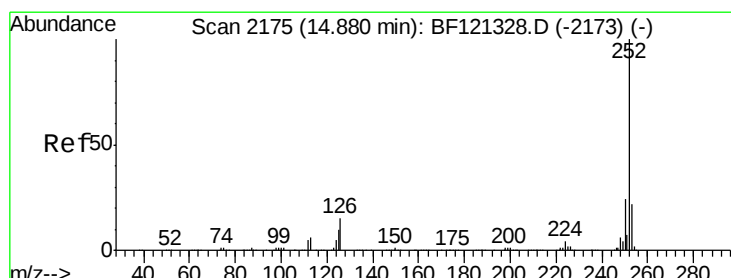
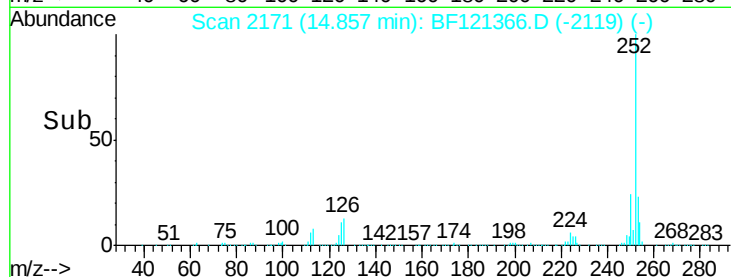
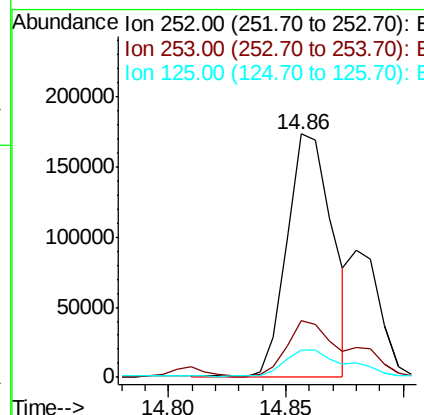
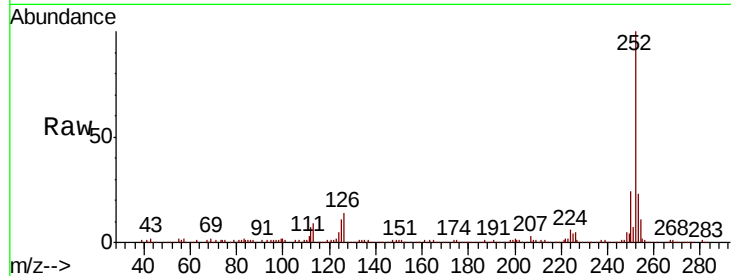
#88
Benzo(b)fluoranthene
Concen: 10.589 ng m
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.3	8.6	12.8

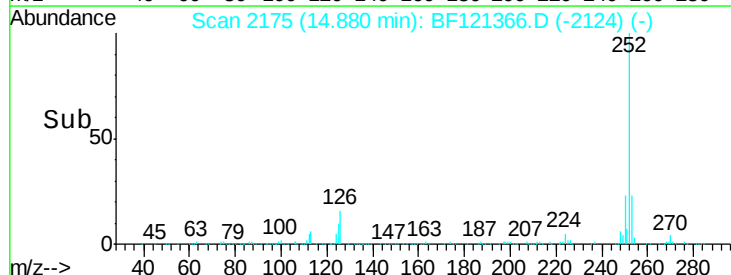
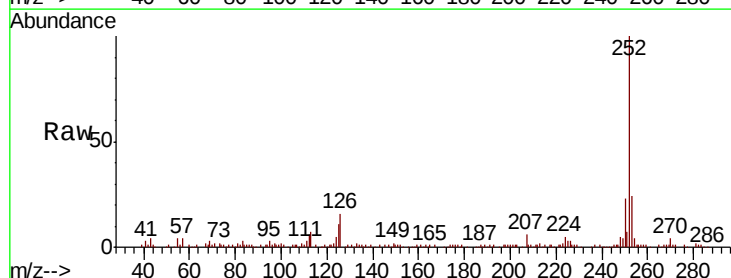
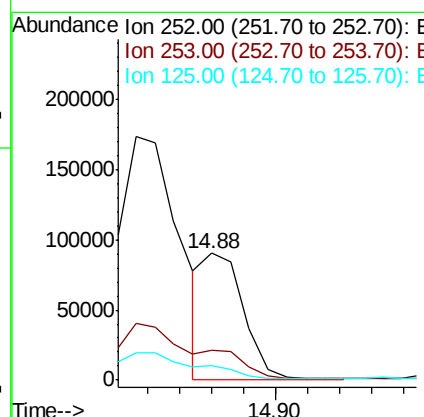
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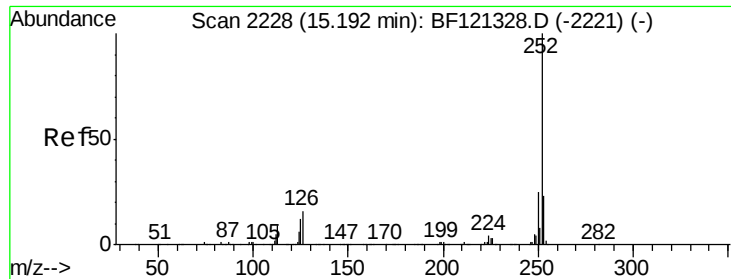
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#89
Benzo(k)fluoranthene
Concen: 4.038 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.0	8.6	12.8





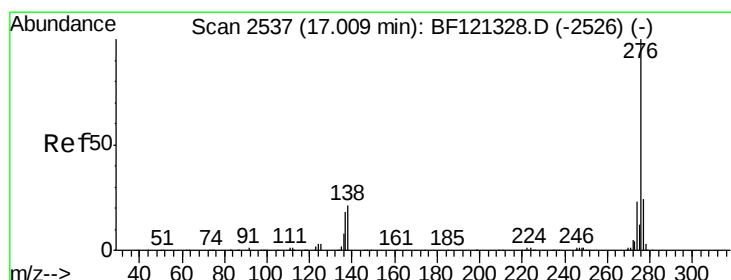
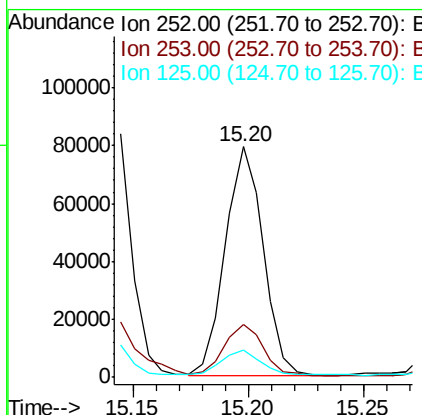
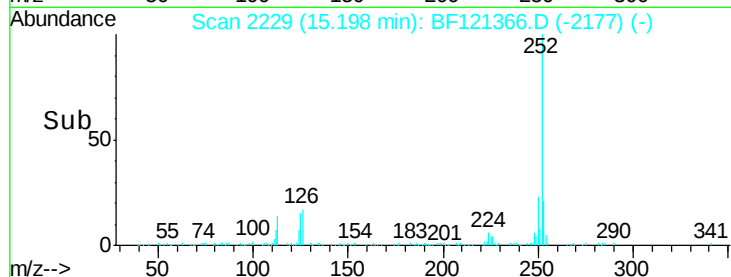
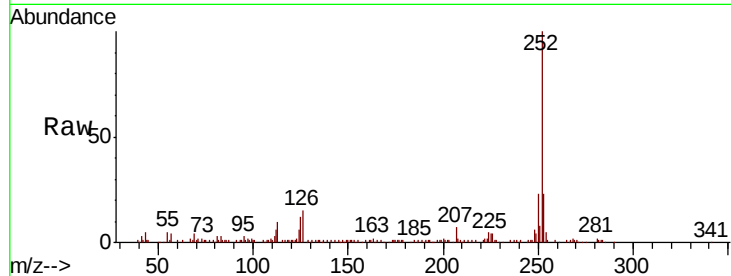
#90
Benzo(a)pyrene
Concen: 4.696 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Instrument :
BNA_F
ClientSampleId :
1-3-SOIL-DRUM

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.1	9.4	14.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.344 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BF121366.D
Acq: 21 Aug 2020 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.3	28.9
138	22.7	16.8	25.2

