

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120251.D
 Acq On : 30 Apr 2020 20:40
 Operator : MA/SJ
 Sample : L2444-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Manual Integrations
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Quant Time: May 01 01:50:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	110631	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	409239	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	205884	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	366646	20.00	ng	0.00
76) Chrysene-d12	13.82	240	314135	20.00	ng	0.00
87) Perylene-d12	15.23	264	324439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	679183	106.10	ng	0.00
7) Phenol-d6	6.30	99	876857	106.30	ng	0.00
23) Nitrobenzene-d5	7.22	82	526203	66.52	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	219229	86.97	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1029321	70.98	ng	0.00
79) Terphenyl-d14	12.77	244	1139380	61.03	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	105501	6.625	ng	99
66) n-Nitrosodiphenylamine	10.35	169	26868	2.203	ng	98
71) Phenanthrene	11.20	178	230092	11.792	ng	98
72) Anthracene	11.25	178	45483	2.282	ng	98
75) Fluoranthene	12.39	202	398151	18.910	ng	96
78) Pyrene	12.62	202	348794	13.171	ng	97
81) Benzo(a)anthracene	13.81	228	191354	9.259	ng	97
83) Chrysene	13.84	228	161853	7.708	ng	97
86) Indeno(1,2,3-cd)pyrene	16.58	276	98742	5.335	ng	96
88) Benzo(b)fluoranthene	14.83	252	232264m	9.952	ng	
89) Benzo(k)fluoranthene	14.86	252	56621m	2.812	ng	
90) Benzo(a)pyrene	15.17	252	153849	7.840	ng	96
92) Benzo(a,h,i)perylene	16.99	276	86895	5.064	ng	98

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

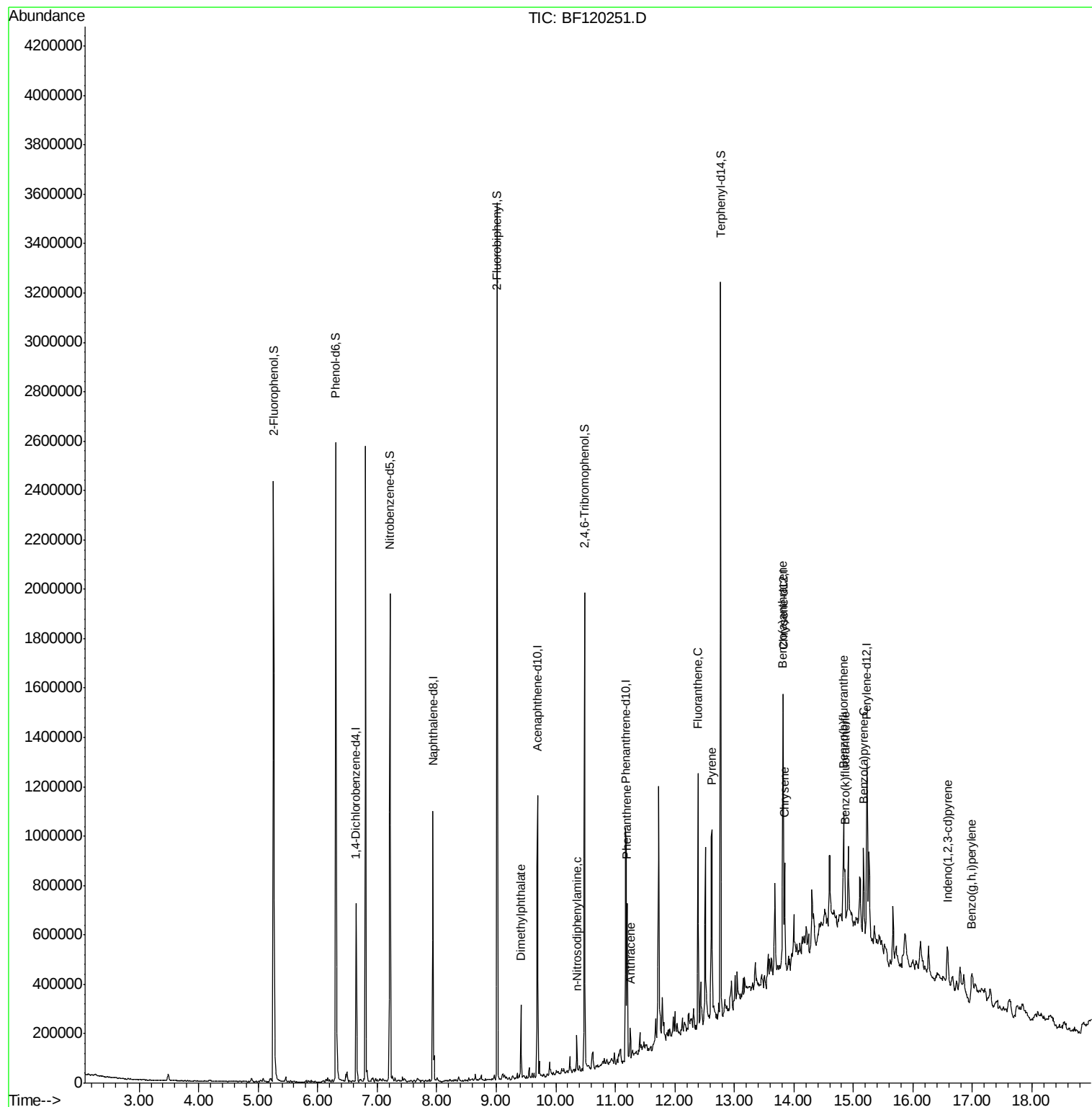
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Data File : BF120251.D
Acq On : 30 Apr 2020 20:40
Operator : MA/SJ
Sample : L2444-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

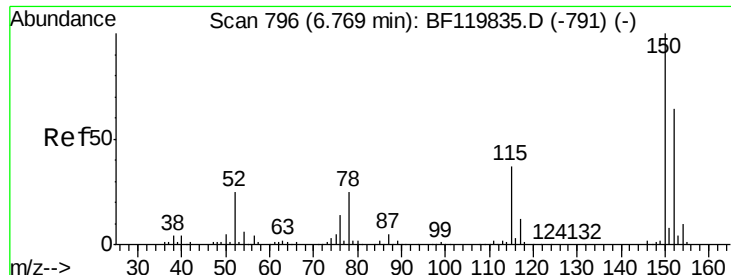
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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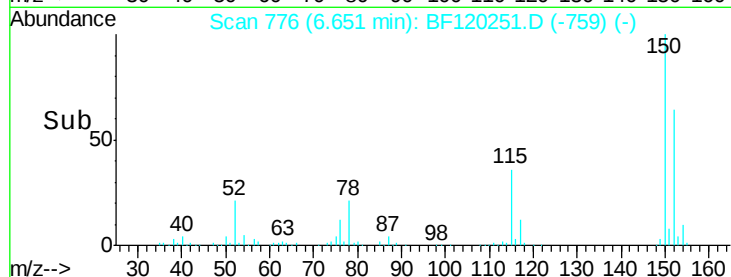
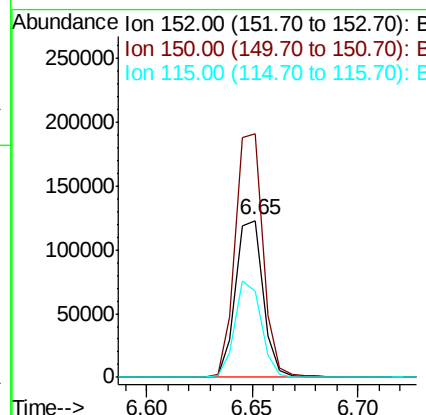
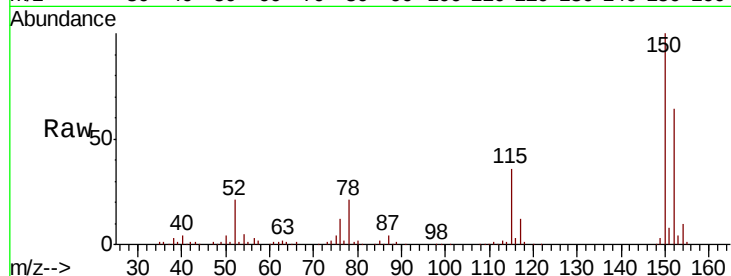
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Instrument :
BNA_F
ClientSampled :
SP-PVSC

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.5	186.7
115	55.3	49.6	74.4

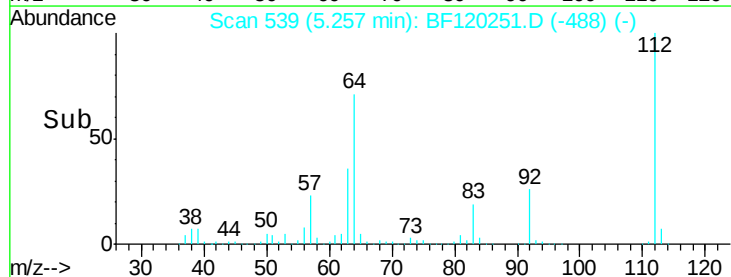
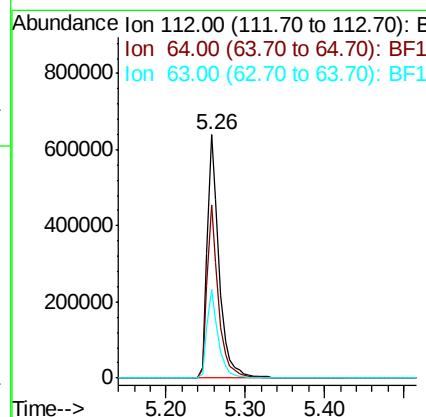
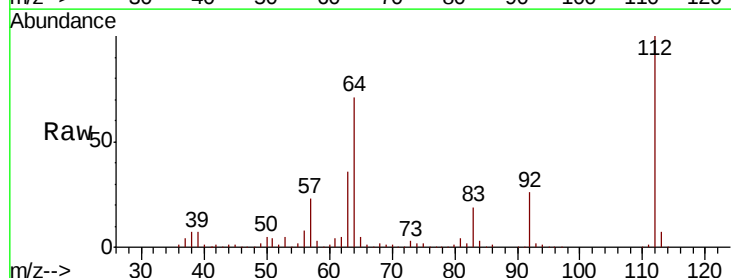
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#5
2-Fluorophenol
Concen: 106.096 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	56.7	85.1
63	36.4	29.5	44.3





#7

Phenol-d6

Concen: 106.302 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Instrument :

BNA_F

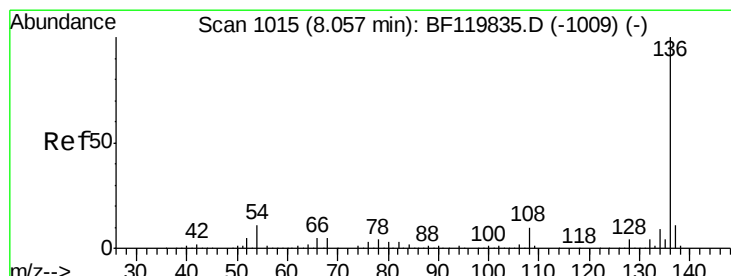
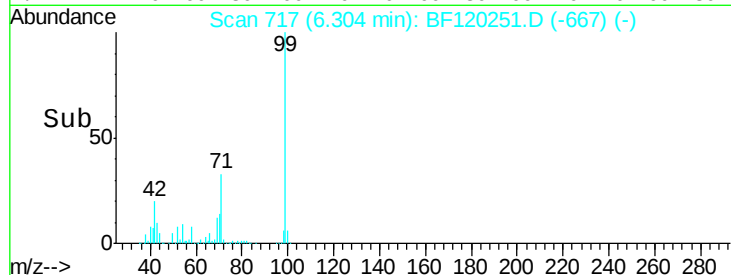
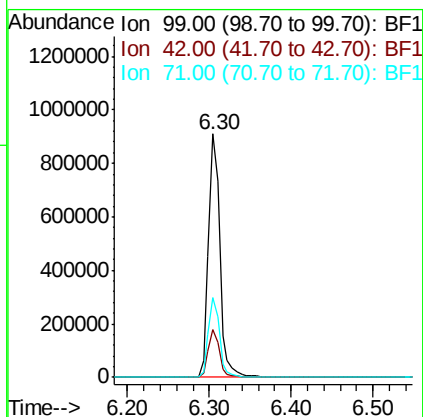
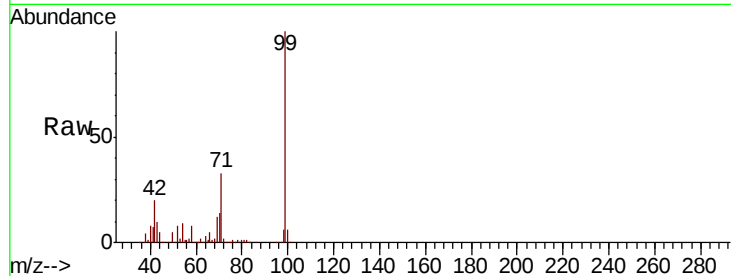
ClientSampleId :

SP-PVSC

Tot Ion:	99	Resp:	876857
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.8	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

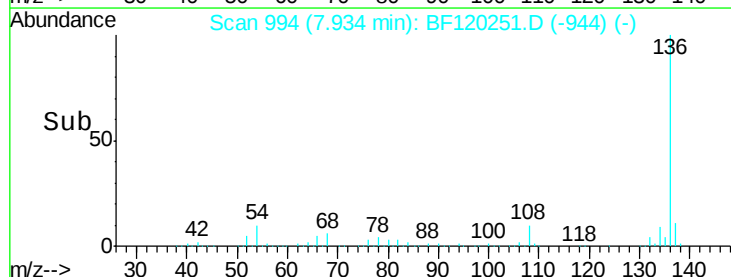
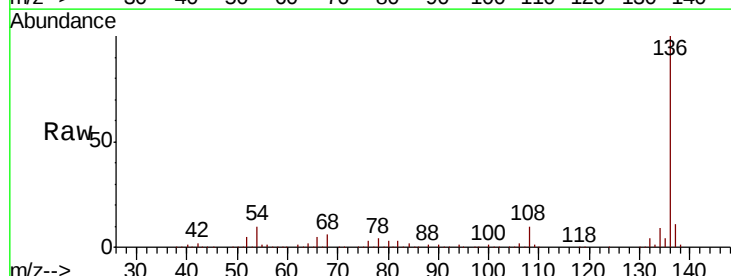
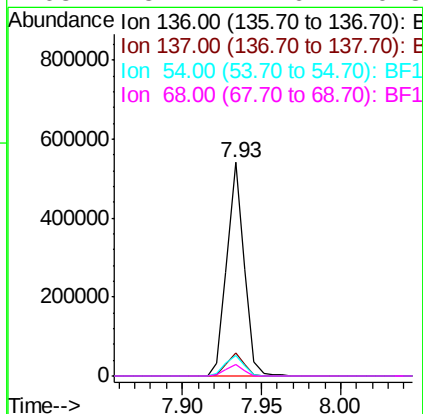
RT: 7.93 min Scan# 994

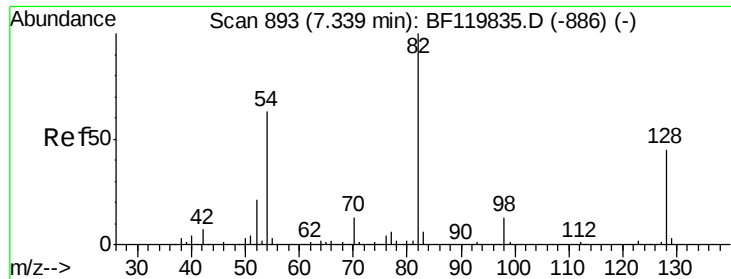
Delta R.T. -0.01 min

Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Tgt Ion:	136	Resp:	409239
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.8	9.1	13.7
68	5.7	4.6	6.8





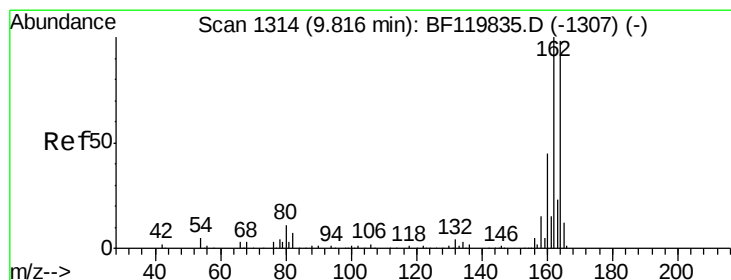
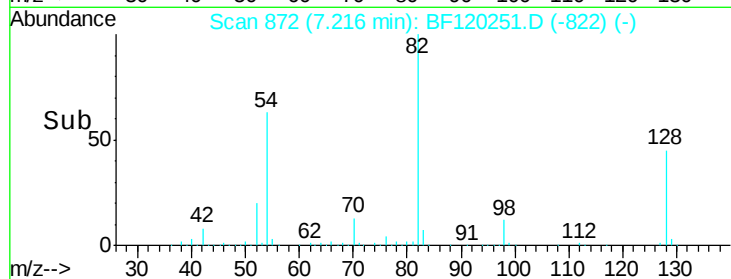
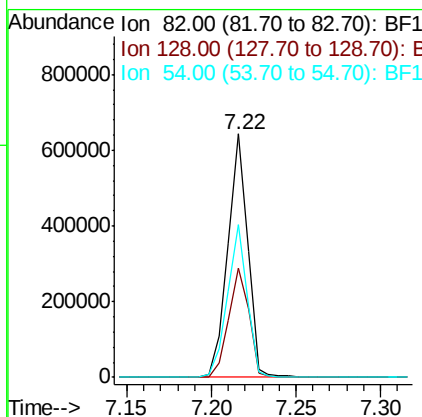
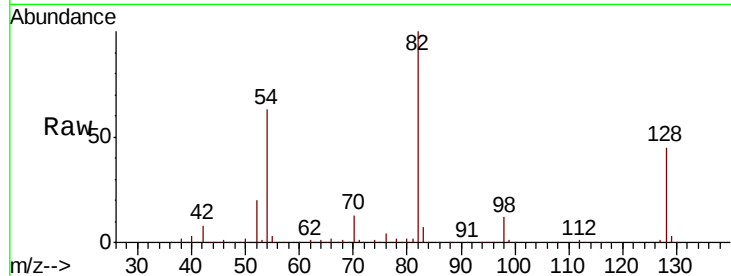
#23
Nitrobenzene-d5
Concen: 66.519 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Instrument :
BNA_F
ClientSampleId :
SP-PVSC

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	62.9	50.6	75.8

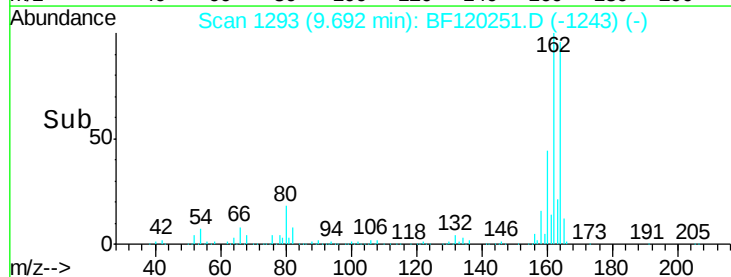
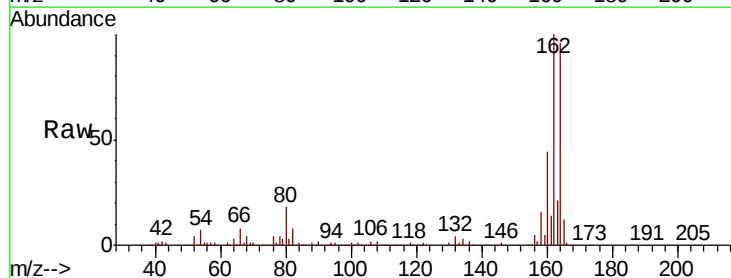
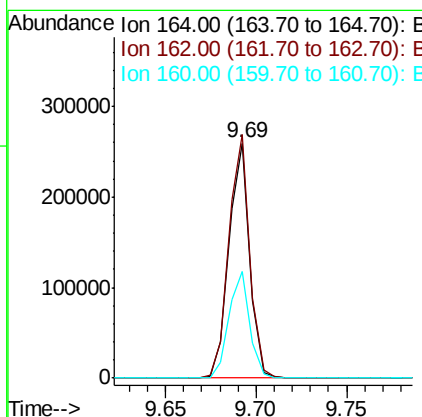
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.6	121.0
160	45.3	35.7	53.5





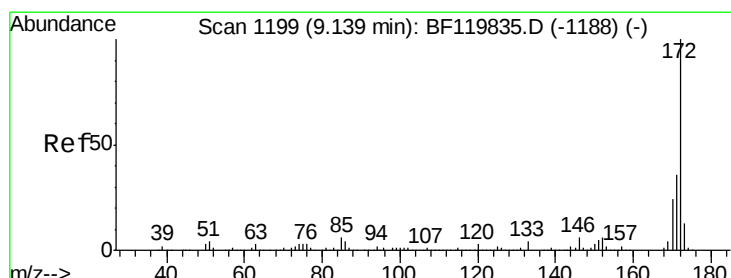
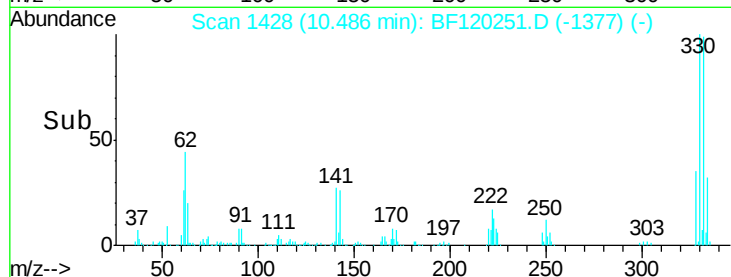
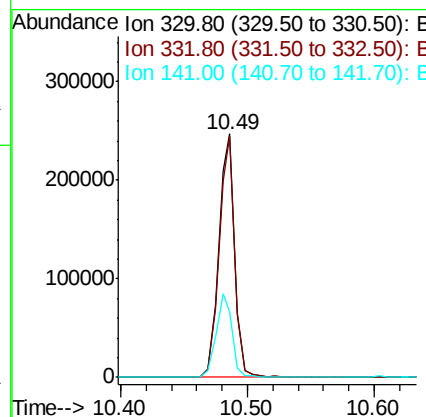
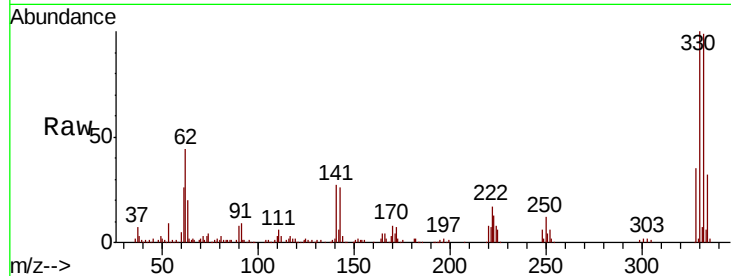
#42
 2,4,6-Tribromophenol
 Concen: 86.971 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	219229		
332	97.2		75.7	113.5
141	34.8		25.4	38.0

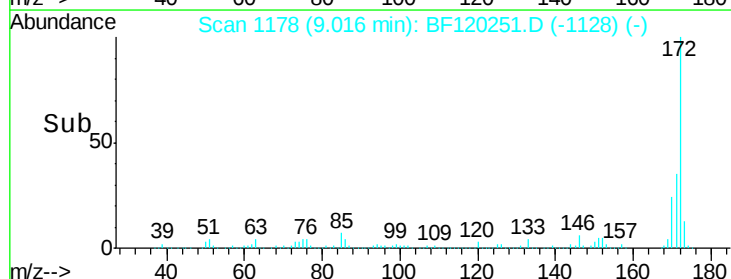
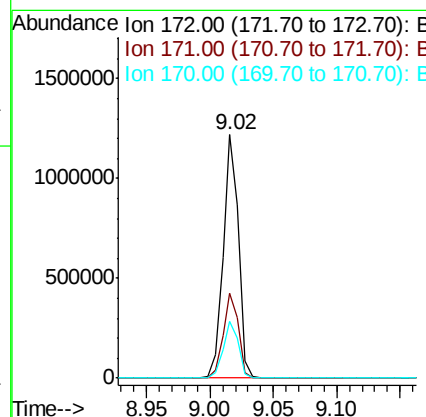
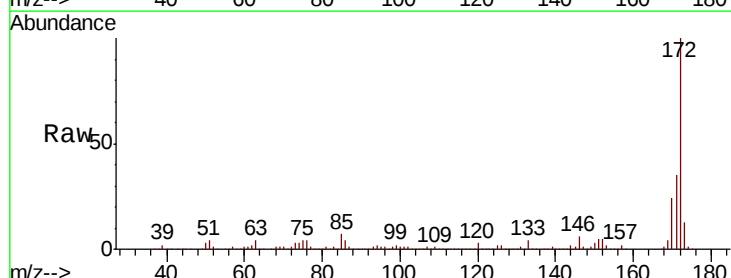
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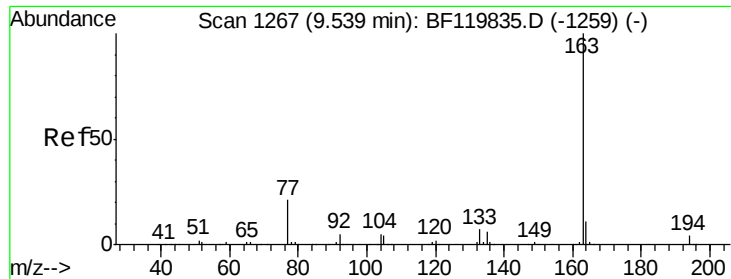
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#45
 2-Fluorobiphenyl
 Concen: 70.982 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1029321		
171	34.9		29.6	44.4
170	23.5		20.2	30.2





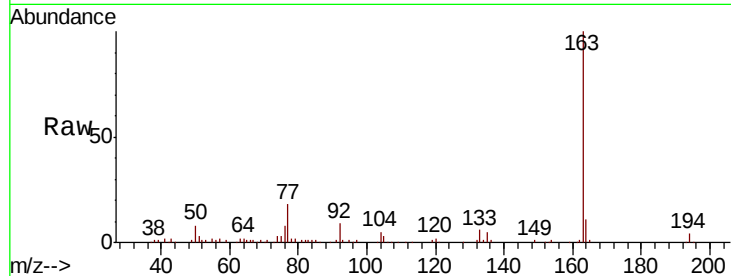
#50
Dimethylphthalate
Concen: 6.625 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Instrument :
BNA_F
ClientSampleId :
SP-PVSC

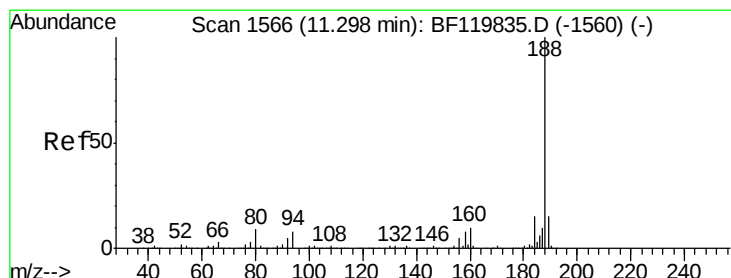
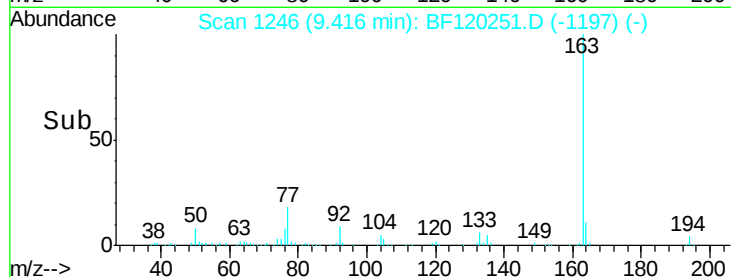
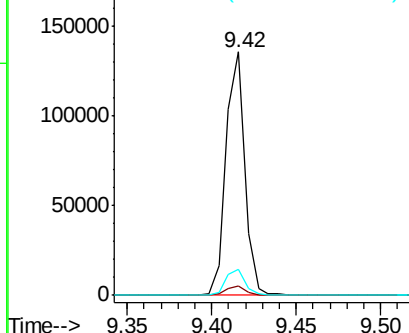
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	3.1	4.7	
164	10.8	8.2	12.2	

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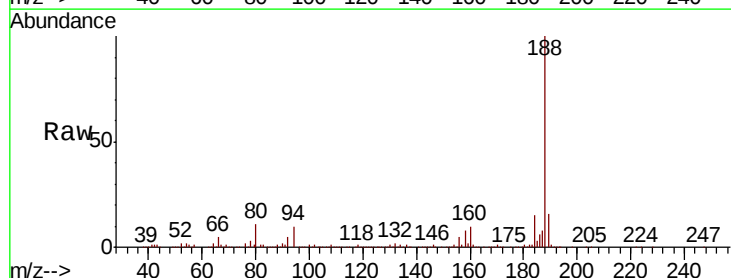


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

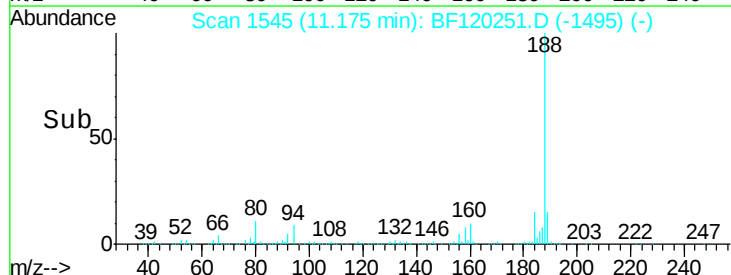
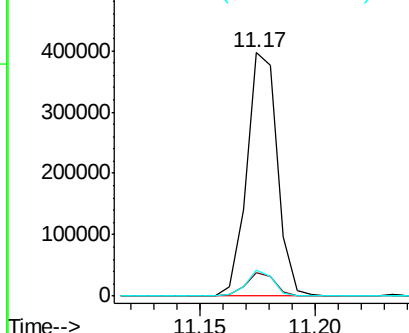


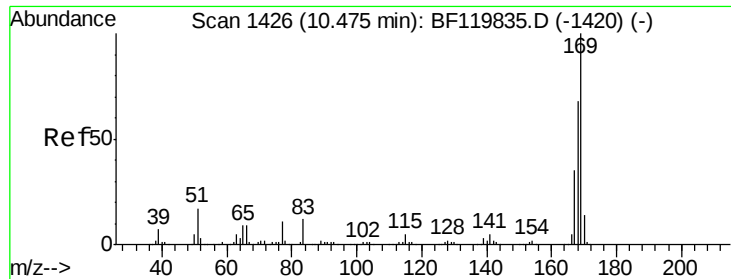
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	7.5	11.3	
80	10.7	9.0	13.4	



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





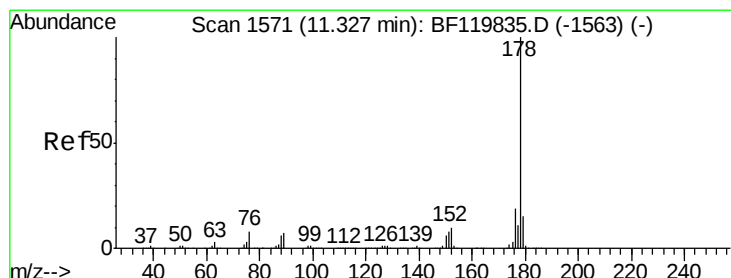
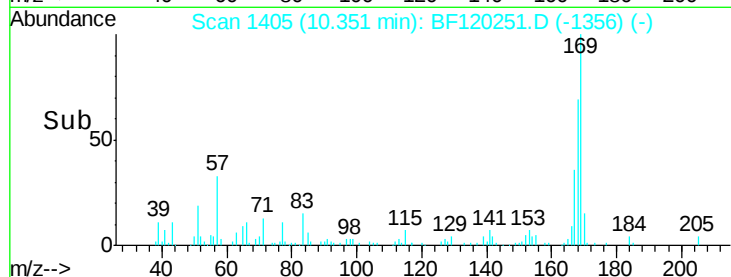
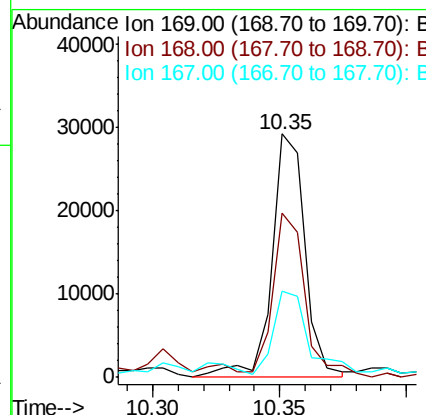
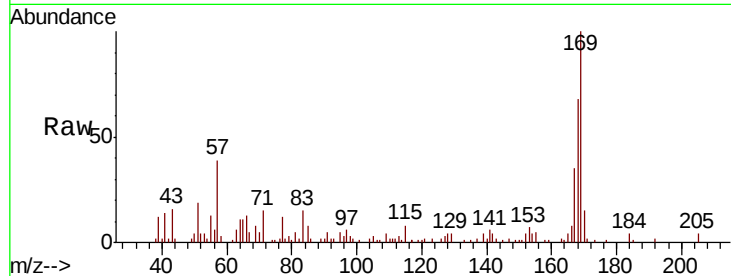
#66
 n-Nitrosodiphenylamine
 Concen: 2.203 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	26868		
168	67.7	53.2	79.8	
167	35.4	29.1	43.7	

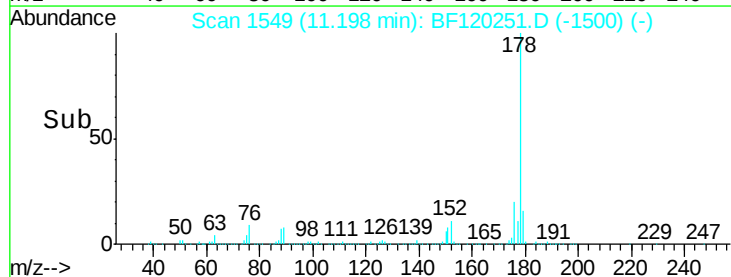
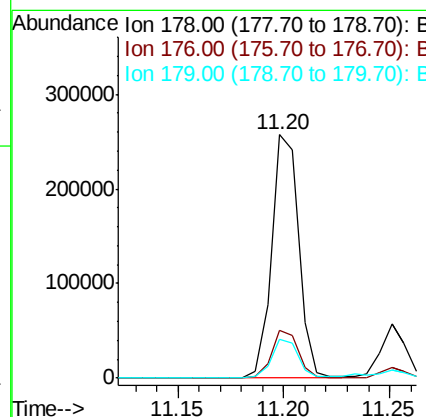
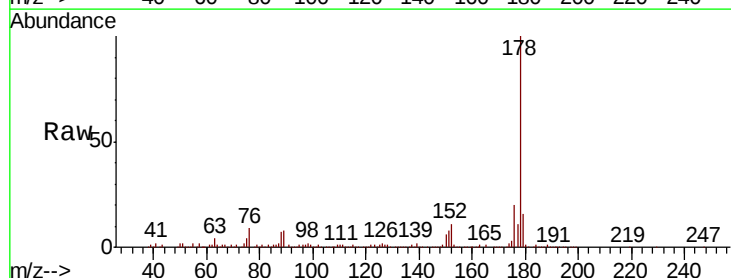
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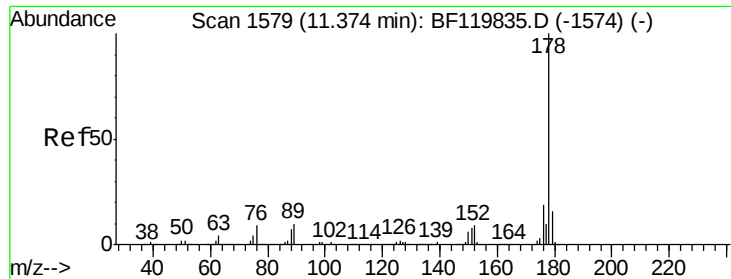
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#71
 Phenanthrene
 Concen: 11.792 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	230092		
176	19.7	16.2	24.4	
179	15.7	13.2	19.8	





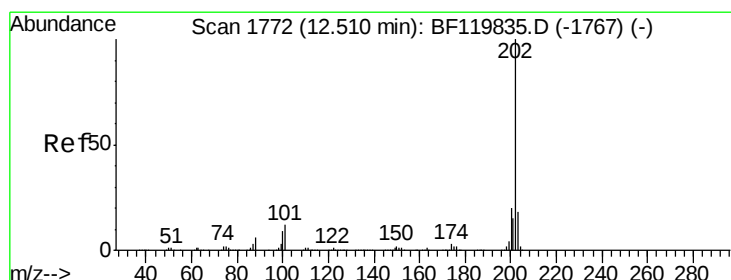
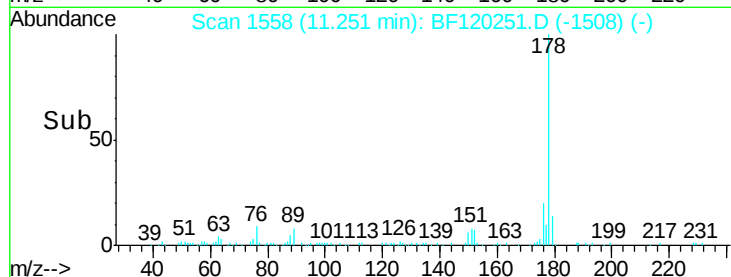
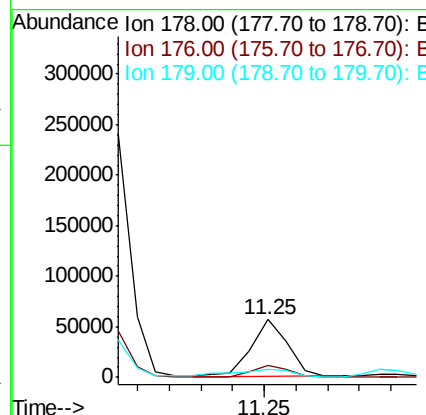
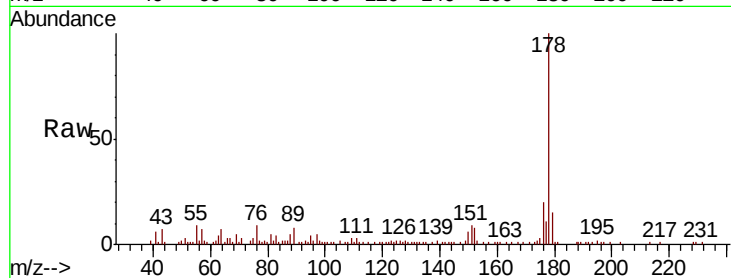
#72
 Anthracene
 Concen: 2.282 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	14.6	13.0	19.4

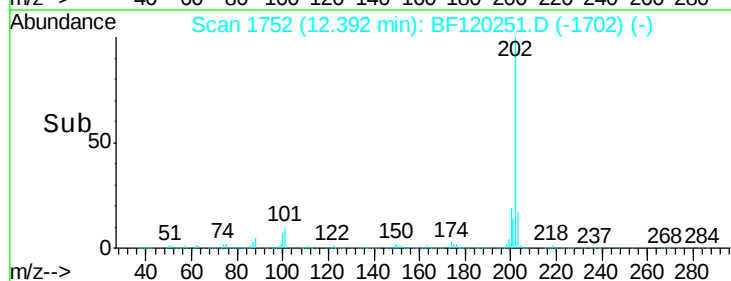
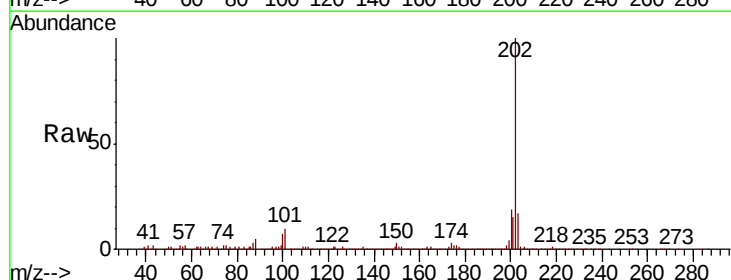
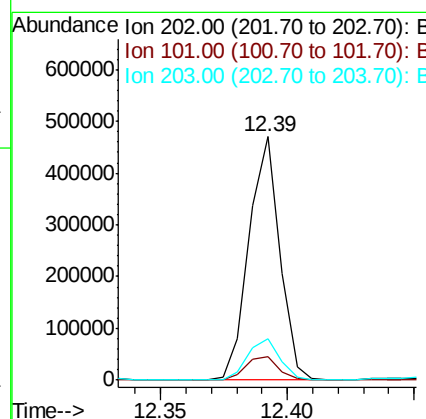
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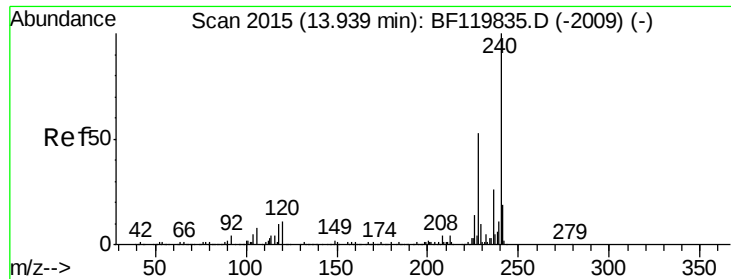
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#75
 Fluoranthene
 Concen: 18.910 ng
 RT: 12.39 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.2
203	17.3	0.0	38.8





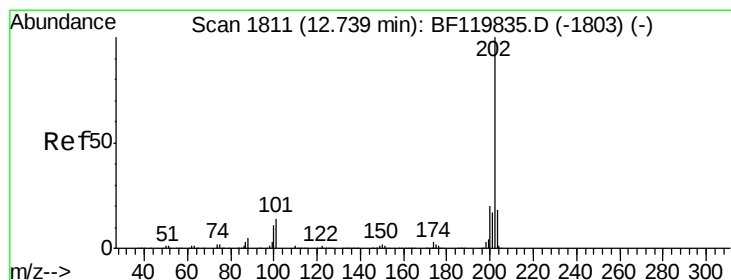
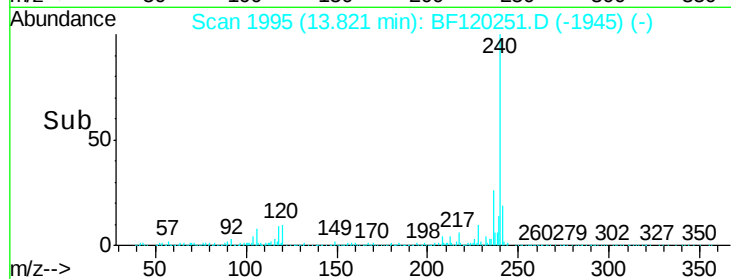
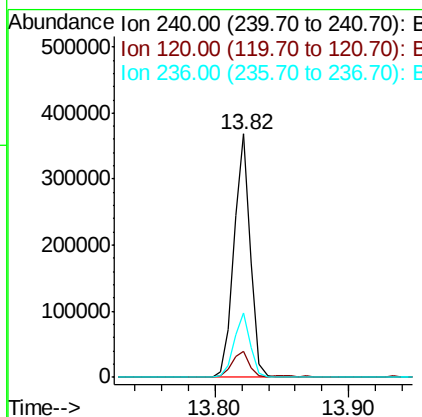
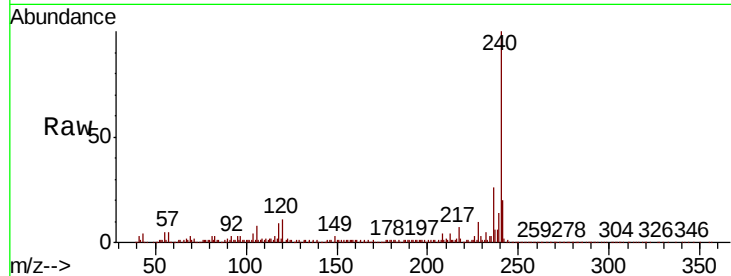
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Instrument :
BNA_F
ClientSampleId :
SP-PVSC

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.6	15.8#
236	26.2	20.2	30.2

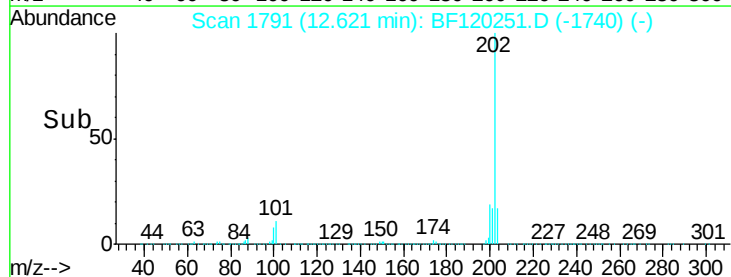
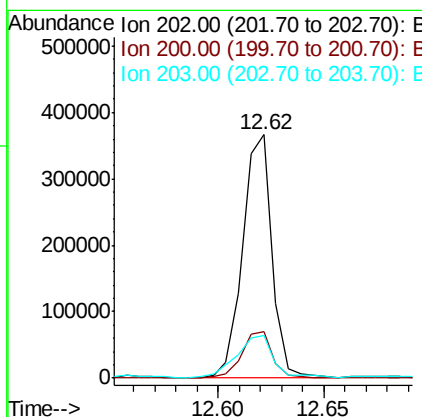
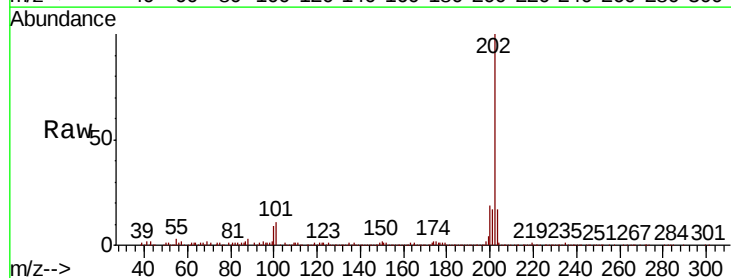
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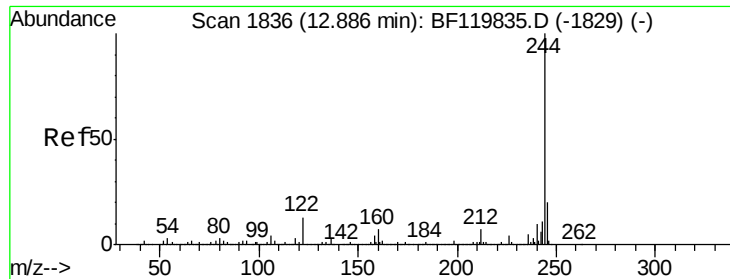
mohammad
5/4/2020 8:19:04 AM



#78
Pyrene
Concen: 13.171 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.8	25.2
203	17.5	15.1	22.7





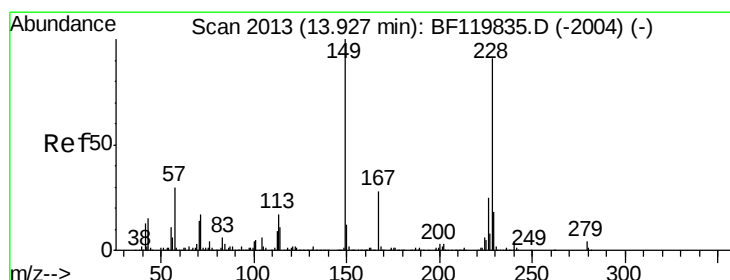
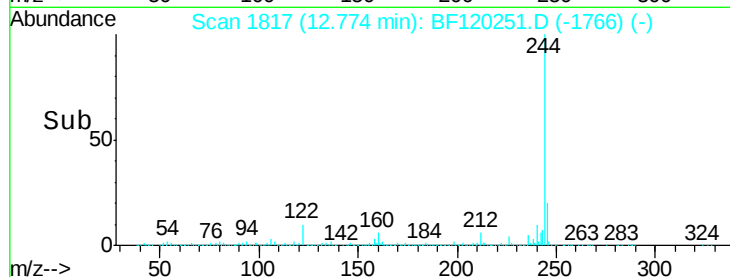
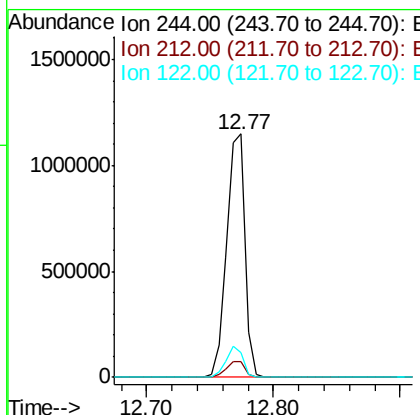
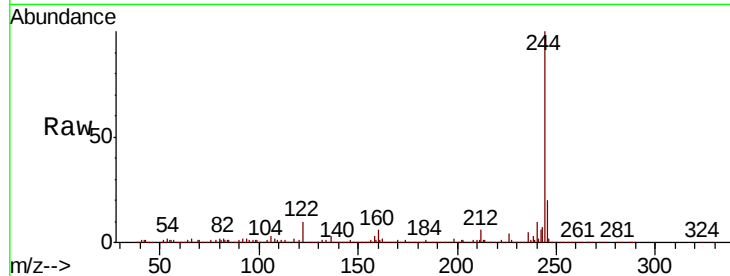
#79
 Terphenyl-d14
 Concen: 61.031 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Tot Ion:244 Resp: 1139380
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 9.9 10.3 15.5#

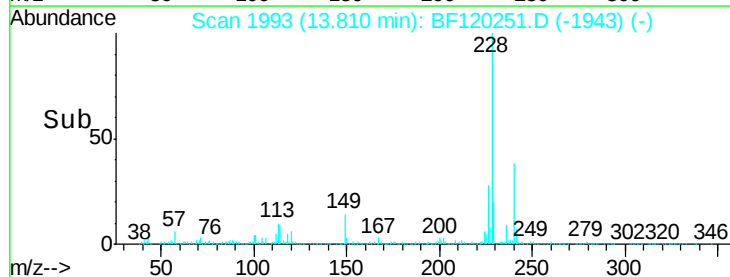
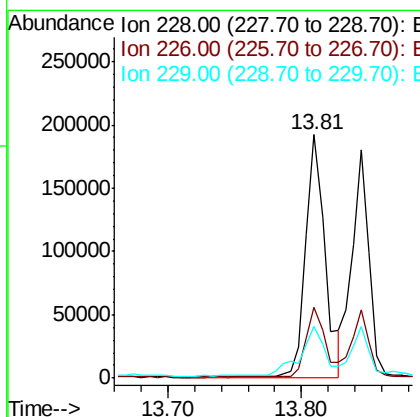
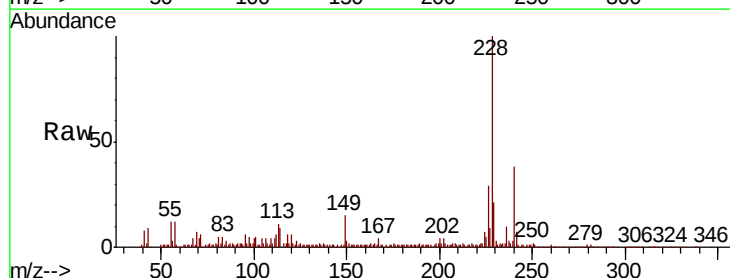
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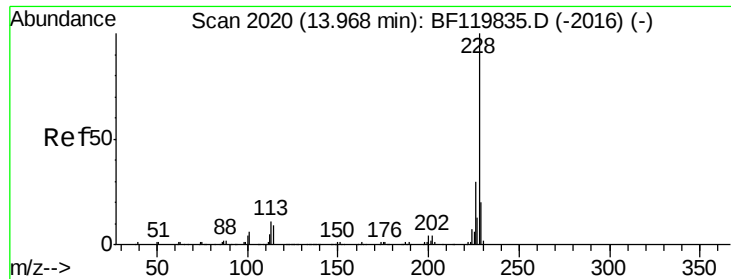
mohammad
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#81
 Benzo(a)anthracene
 Concen: 9.259 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Tgt Ion:228 Resp: 191354
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.8 32.8
 229 21.4 16.2 24.4





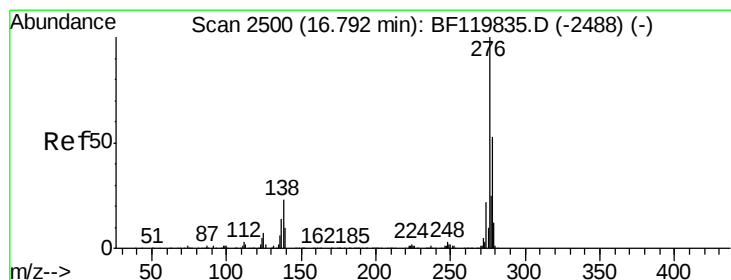
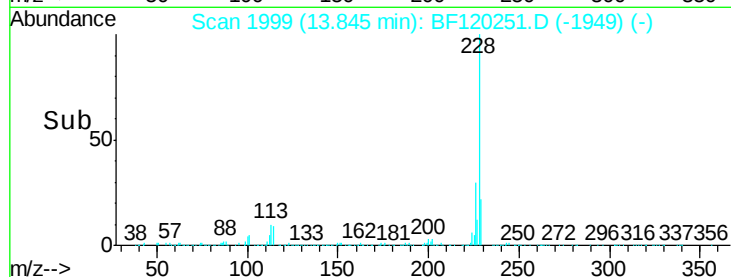
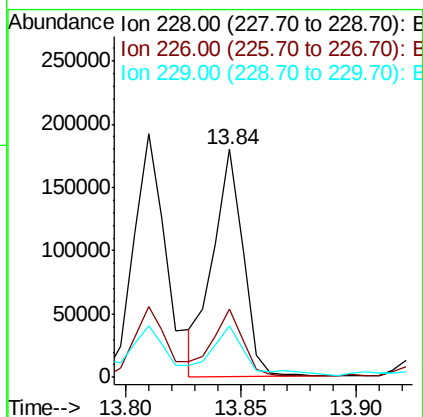
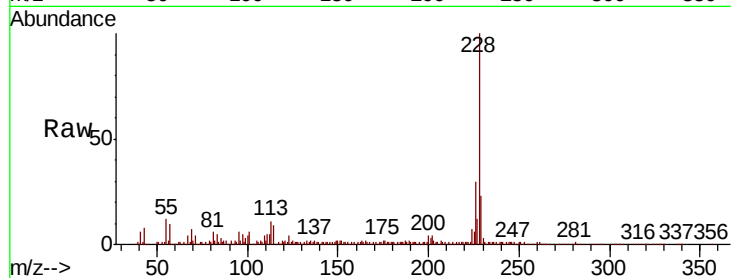
#83
Chrysene
Concen: 7.708 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Instrument :
BNA_F
ClientSampled :
SP-PVSC

Tot Ion:	228	Resp:	161853
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.4	38.0
229	22.7	16.6	24.8

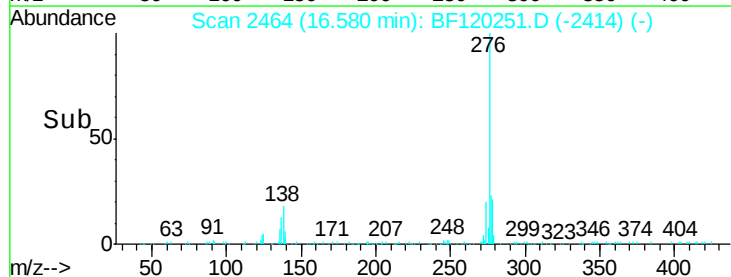
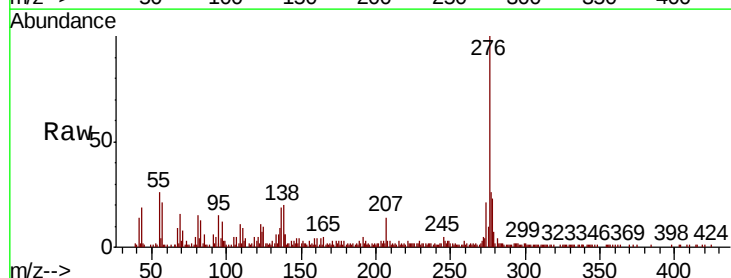
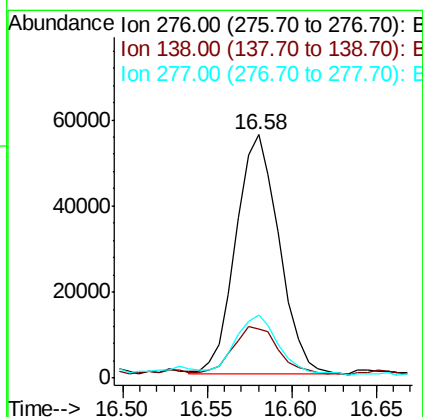
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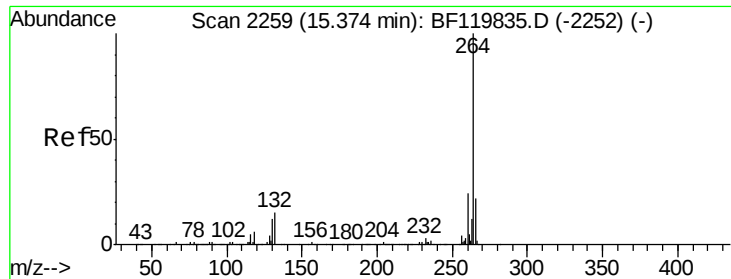
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.335 ng
RT: 16.58 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BF120251.D
Acq: 30 Apr 2020 20:40

Tgt Ion:	276	Resp:	98742
Ion Ratio	Lower	Upper	
276	100		
138	20.5	19.6	29.4
277	24.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Instrument :

BNA_F

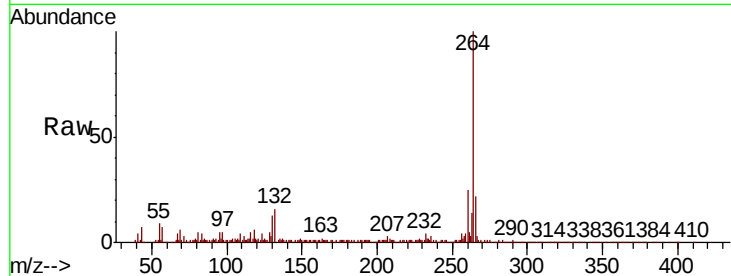
ClientSampleId :

SP-PVSC

Tot Ion:	264	Resp:	324439
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.7	28.1
265	22.2	17.7	26.5

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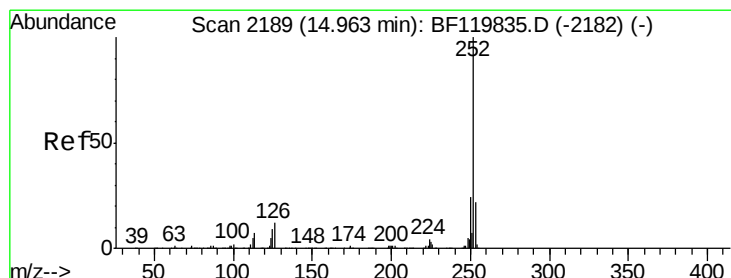
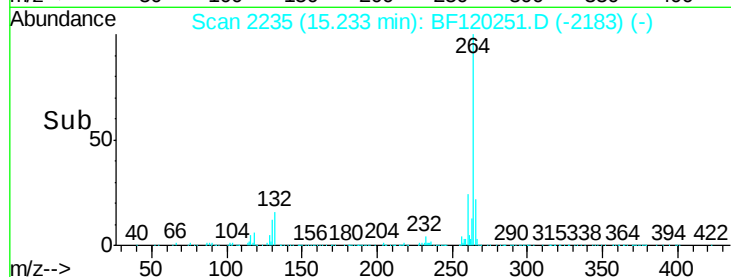
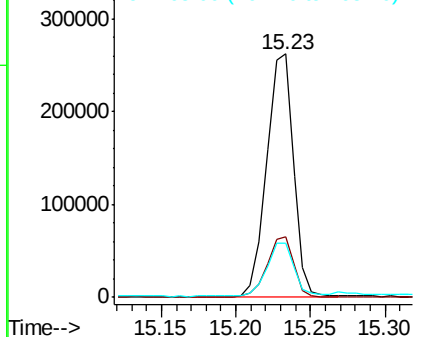


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 9.952 ng m

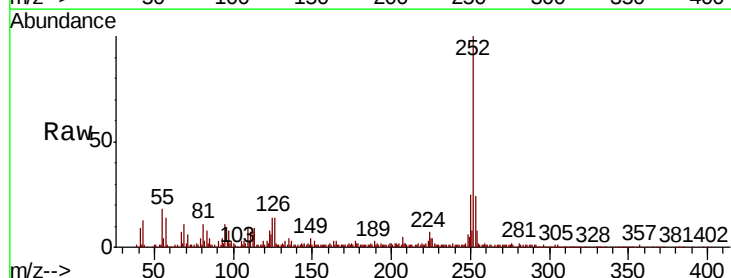
RT: 14.83 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Tgt Ion:	252	Resp:	232264
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.4	26.0
125	14.4	7.9	11.9#

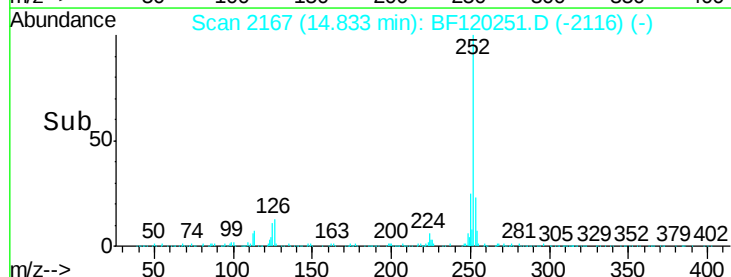
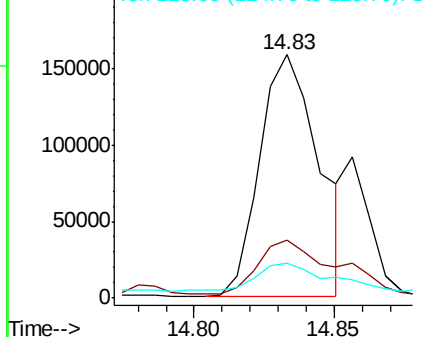


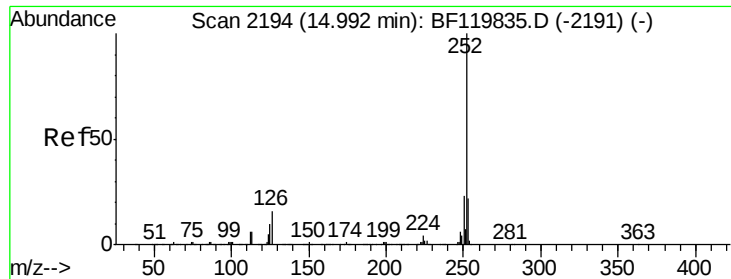
Abundance

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(k)fluoranthene

Concen: 2.812 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Instrument :

BNA_F

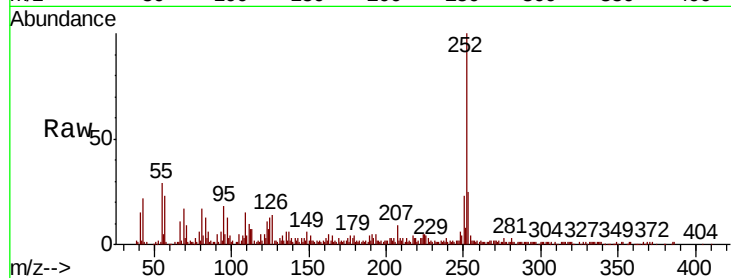
ClientSampleId :

SP-PVSC

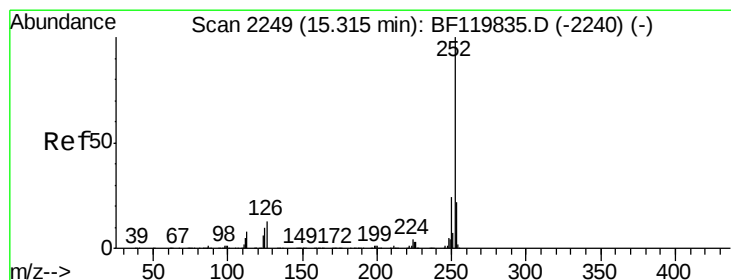
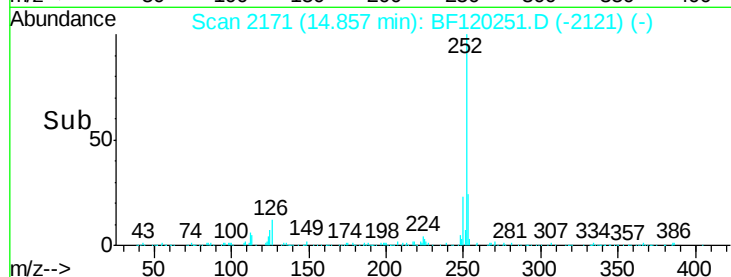
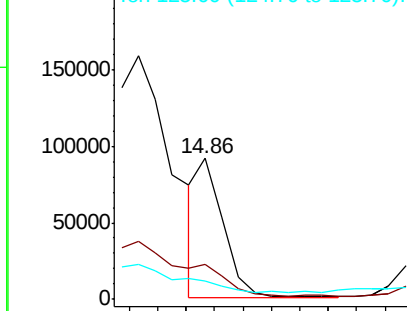
Tot Ion:	252	Resp:	56621
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.8	26.6
125	13.3	8.4	12.6

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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



#90

Benzo(a)pyrene

Concen: 7.840 ng

RT: 15.17 min Scan# 2224

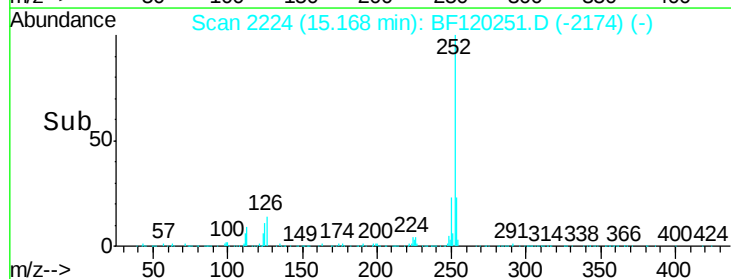
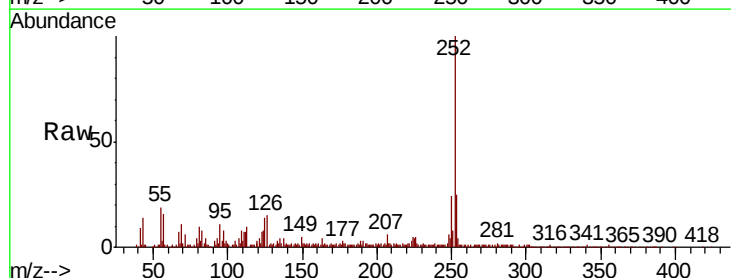
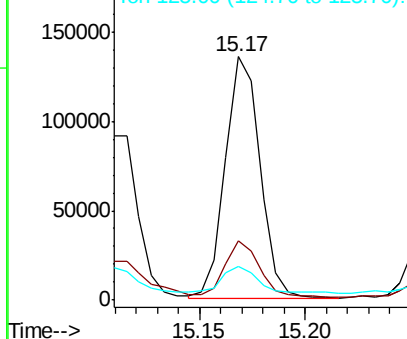
Delta R.T. -0.01 min

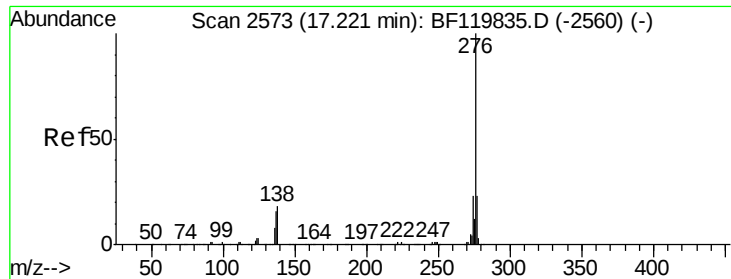
Lab File: BF120251.D

Acq: 30 Apr 2020 20:40

Tgt Ion:	252	Resp:	153849
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.2	27.2
125	13.9	9.4	14.2

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





#92
 Benzo(a,h,i)perylene
 Concen: 5.064 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BF120251.D
 Acq: 30 Apr 2020 20:40

Instrument :
 BNA_F
 ClientSampleId :
 SP-PVSC

Tot Ion:	276	Resp:	86895
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.4	27.6
138	21.0	15.4	23.0

Manual Integrations
 APPROVED

mohammad
 5/4/2020 8:19:04 AM

