

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120088.D
 Acq On : 20 Apr 2020 20:02
 Operator : MA/SJ
 Sample : L2314-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-7-1

Manual Integrations
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mohammad
 4/21/2020 2:55:03 PM

Quant Time: Apr 21 03:33:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	168532	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	641689	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	313488	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	558685	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	370764	20.00	ng	-0.02
87) Perylene-d12	15.30	264	342850	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	745747	76.47	ng	0.00
7) Phenol-d6	6.35	99	972486	77.39	ng	-0.01
23) Nitrobenzene-d5	7.28	82	636006	51.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	237389	61.85	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1236193	55.99	ng	0.00
79) Terphenyl-d14	12.83	244	1166693	52.95	ng	-0.01
Target Compounds						
38) 1-Methylnaphthalene	8.81	142	60093m	2.785	ng	Qvalue
50) Dimethylphthalate	9.47	163	135686	5.596	ng	98
58) Fluorene	10.30	166	97434	4.293	ng	98
71) Phenanthrene	11.26	178	461752	15.530	ng	99
72) Anthracene	11.32	178	108533	3.573	ng	98
75) Fluoranthene	12.45	202	349569	10.896	ng	98
78) Pyrene	12.68	202	328693	10.516	ng	99
81) Benzo(a)anthracene	13.87	228	143401	5.879	ng	94
83) Chrysene	13.90	228	128102	5.169	ng	99
86) Indeno(1,2,3-cd)pyrene	16.68	276	58099	2.659	ng	97
88) Benzo(b)fluoranthene	14.90	252	147773m	5.991	ng	
89) Benzo(k)fluoranthene	14.92	252	42615m	2.003	ng	
90) Benzo(a)pyrene	15.24	252	108895	5.251	ng	98
92) Benzo(a,h,i)perylene	17.09	276	48368	2.668	ng	97

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

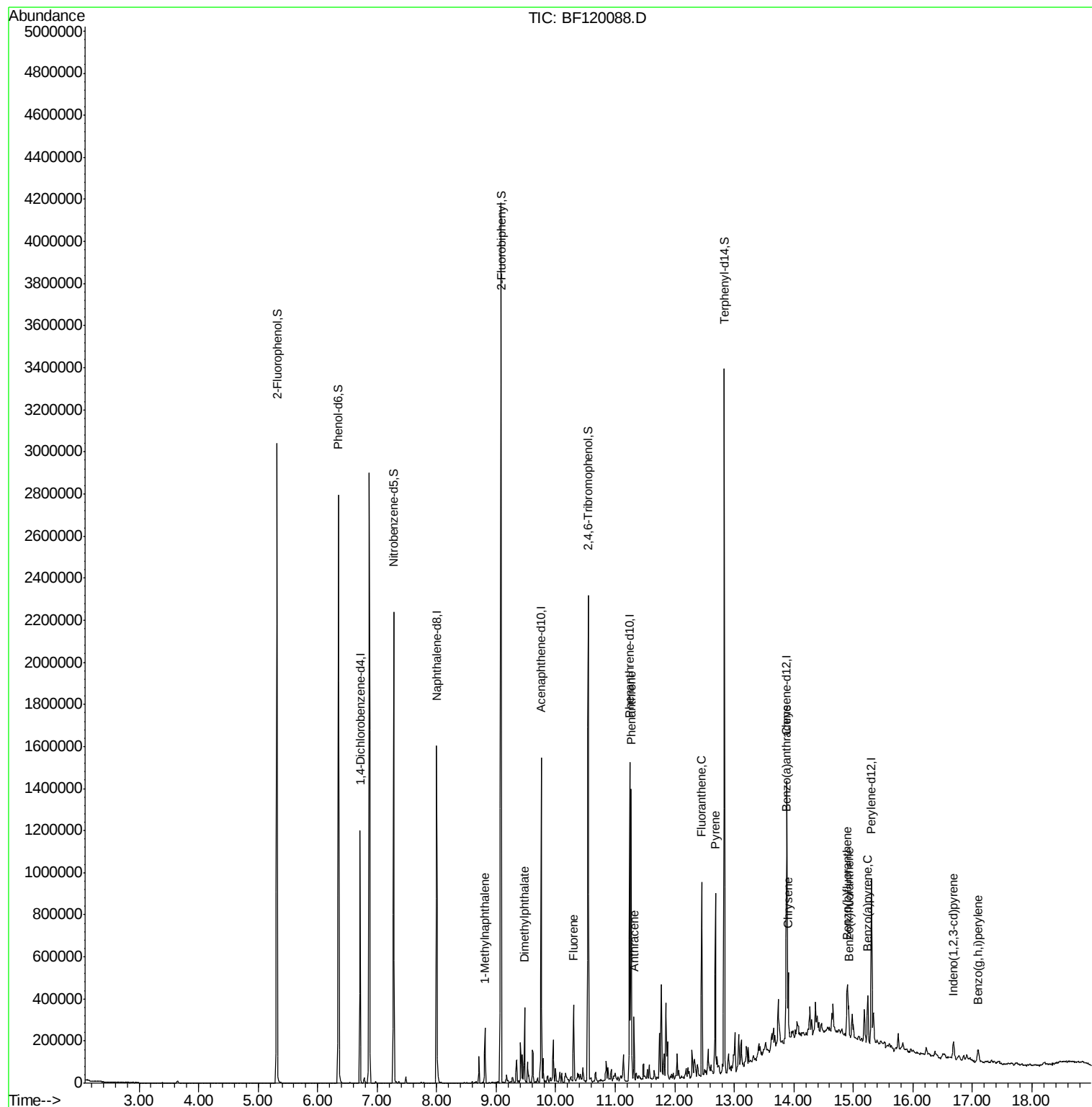
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120088.D
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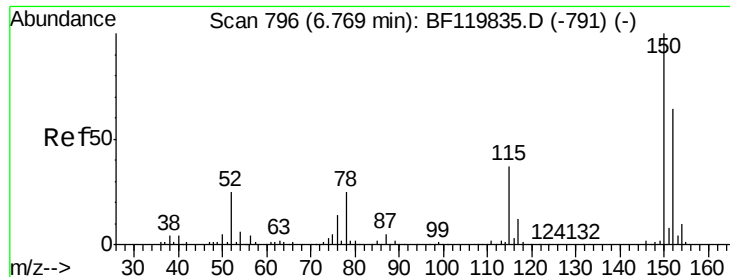
Instrument :
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#1

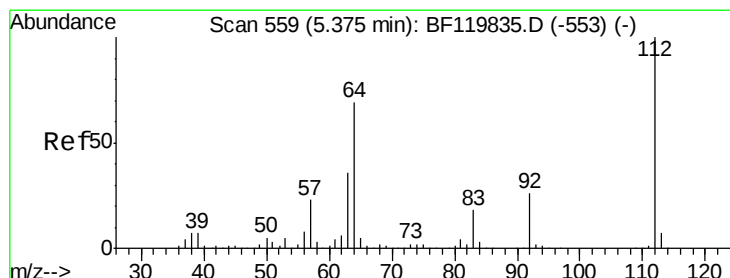
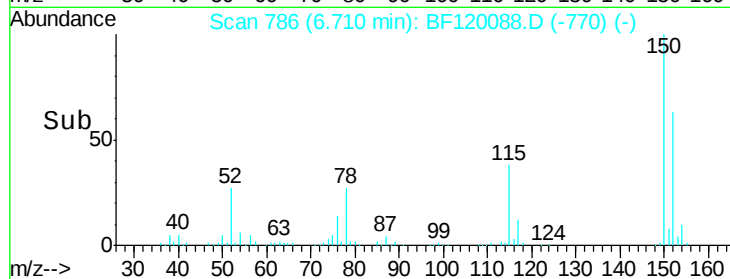
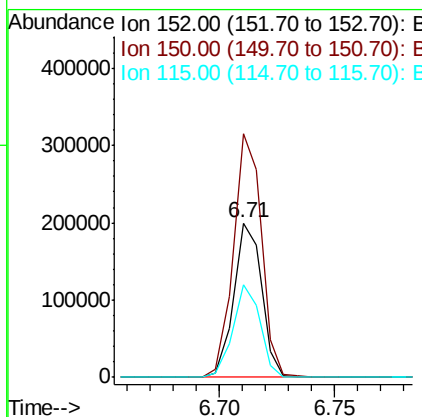
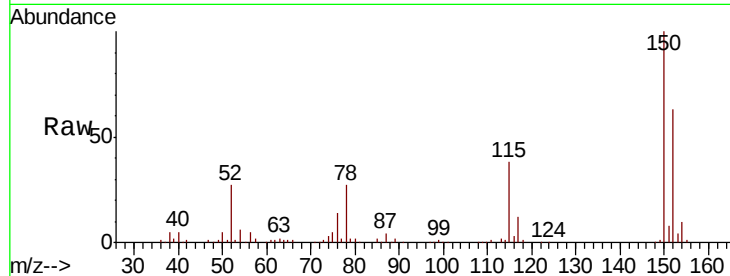
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.8	187.2
115	60.4	46.5	69.7

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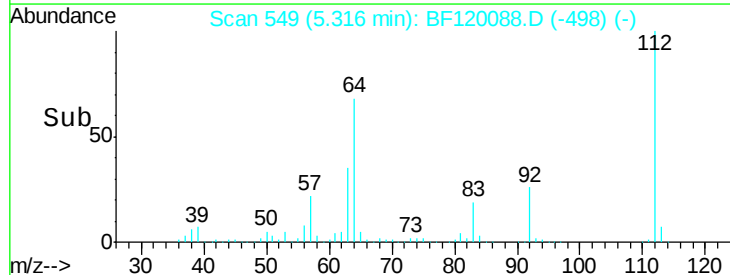
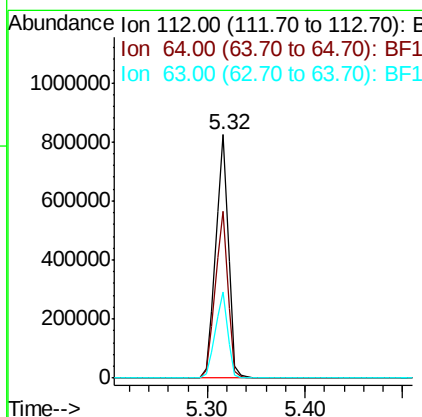
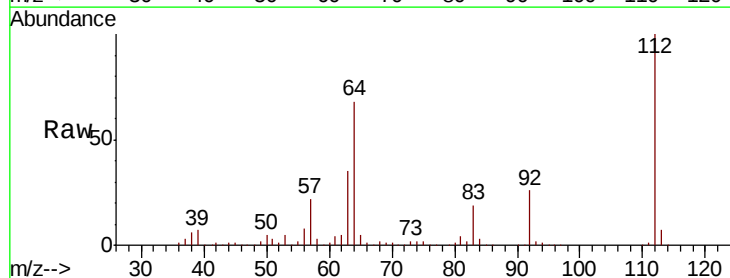
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#5

2-Fluorophenol
Concen: 76.471 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	55.5	83.3
63	35.4	29.1	43.7





#7

Phenol-d6

Concen: 77.391 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Instrument :

BNA_F

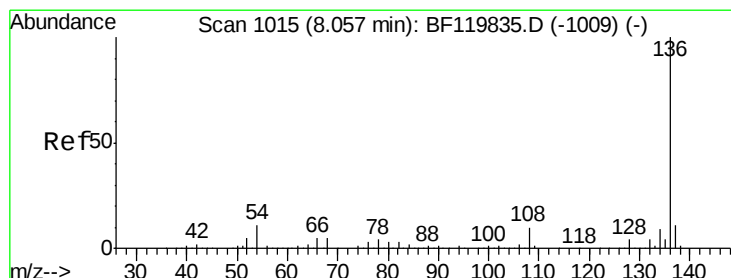
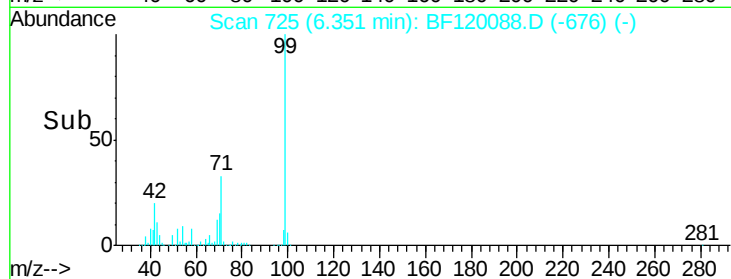
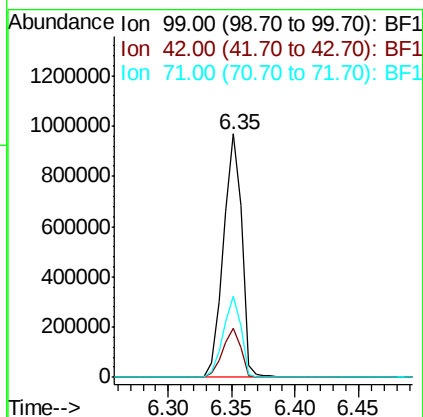
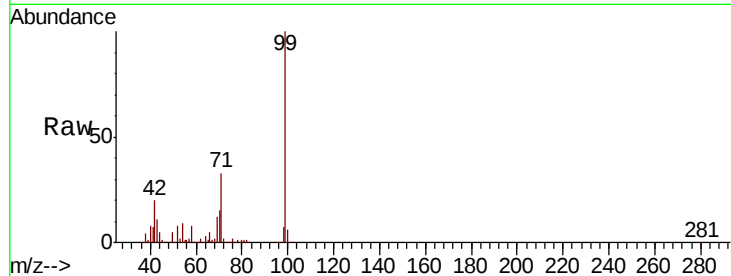
ClientSampleId :

WB-7-1

Tot Ion:	99	Resp:	972486
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.9	25.3
71	33.2	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

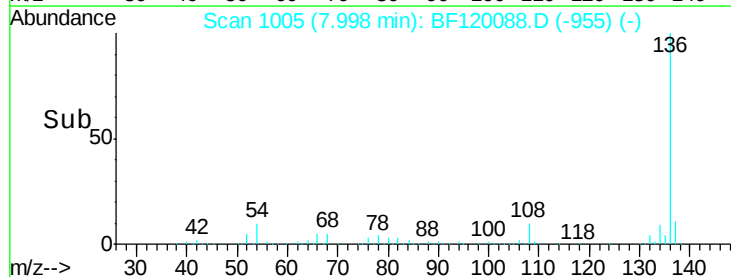
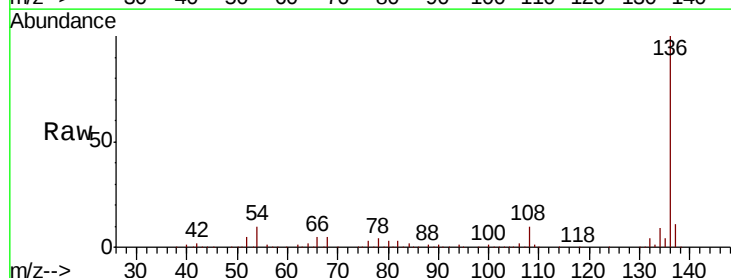
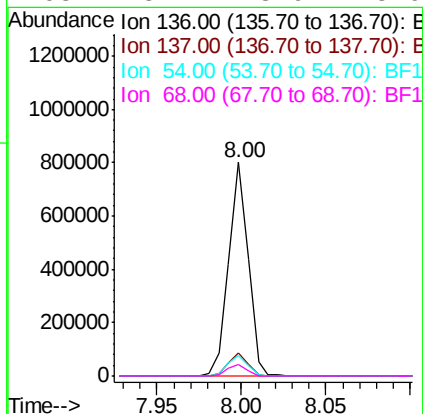
RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Tgt Ion:	136	Resp:	641689
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	9.9	8.5	12.7
68	5.4	3.9	5.9





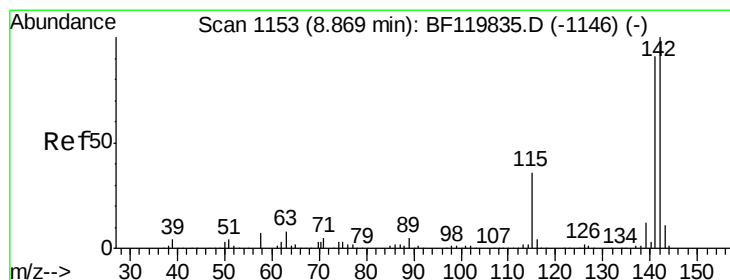
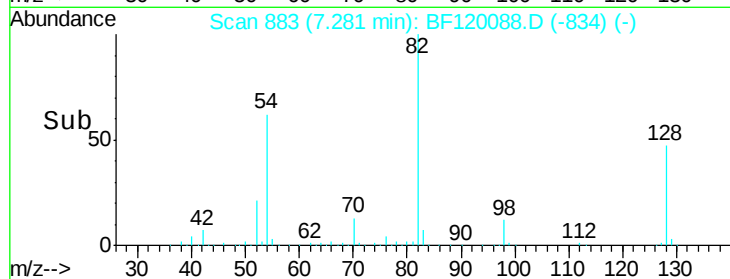
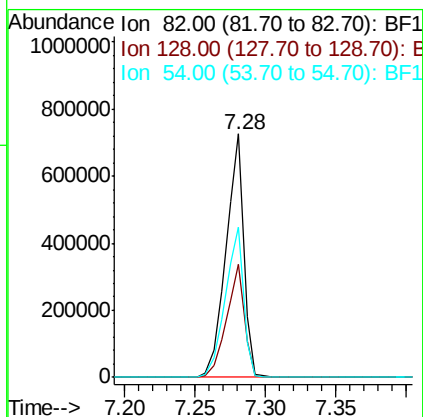
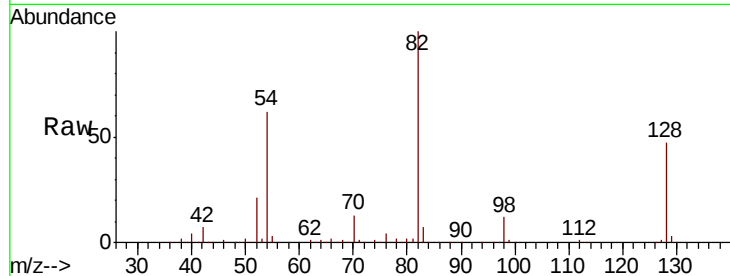
#23
Nitrobenzene-d5
Concen: 51.275 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampled :
WB-7-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.2	54.4
54	61.5	50.4	75.6

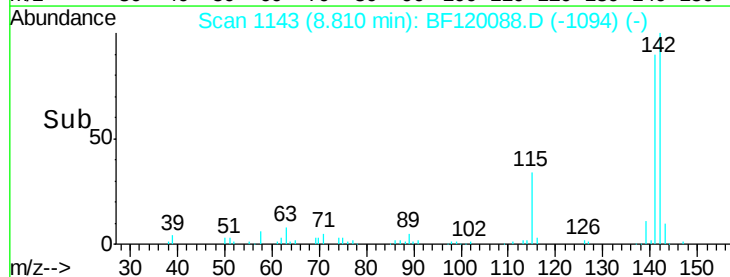
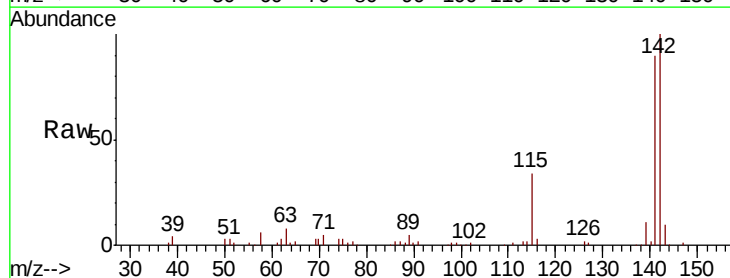
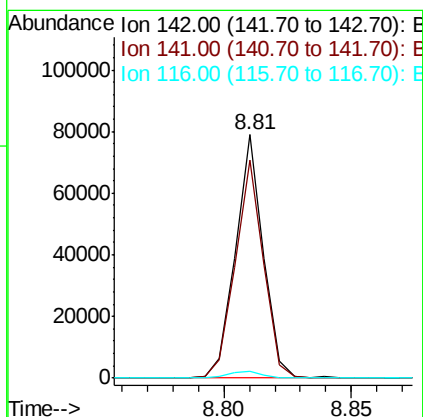
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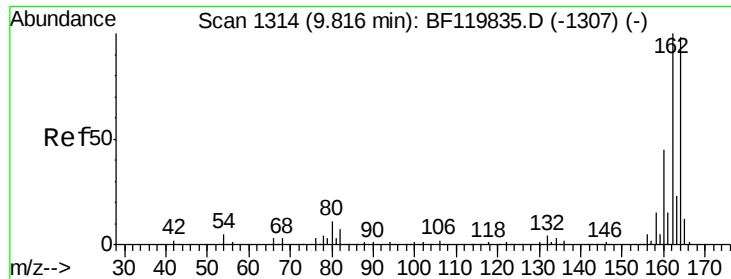
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#38
1-Methylnaphthalene
Concen: 2.785 ng m
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.9	109.3
116	3.0	3.0	4.6#





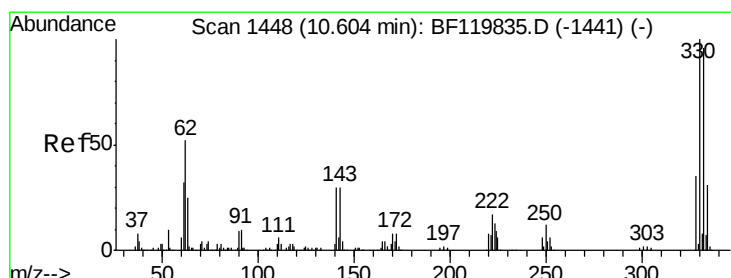
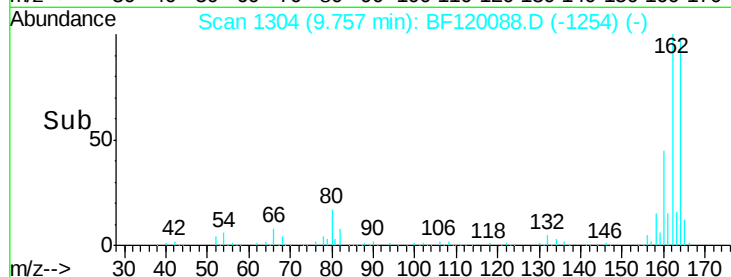
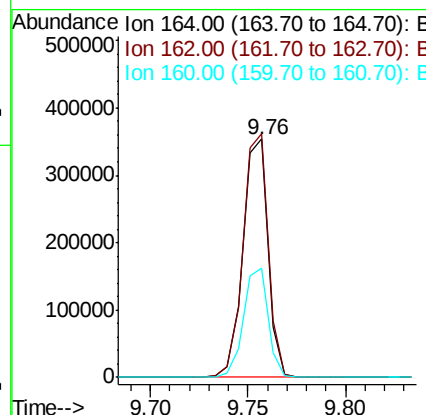
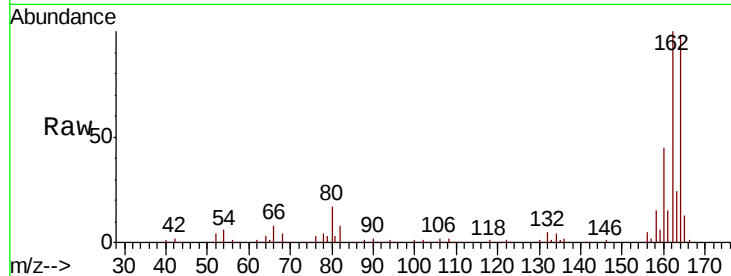
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.9	122.9
160	46.0	36.6	54.8

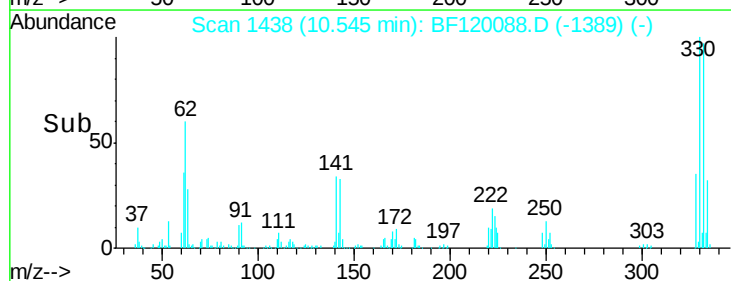
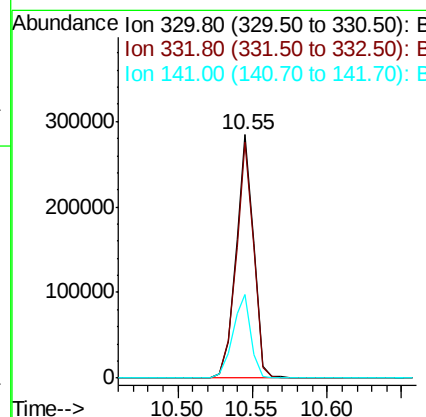
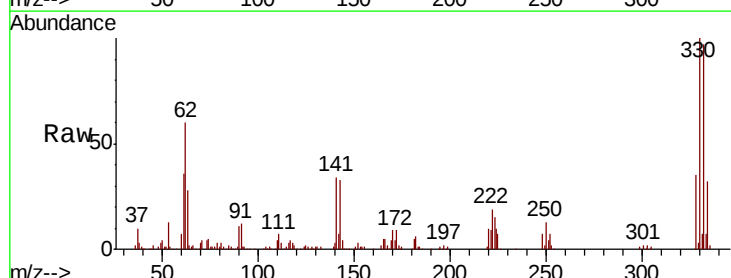
Manual Integrations
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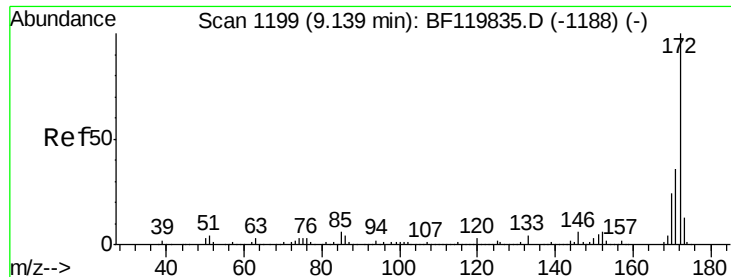
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#42
2,4,6-Tribromophenol
Concen: 61.850 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	35.4	25.1	37.7





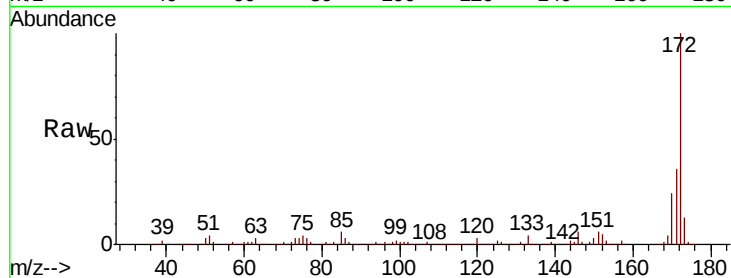
#45
2-Fluorobiphenyl
Concen: 55.987 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.5	19.4	29.2

Manual Integrations
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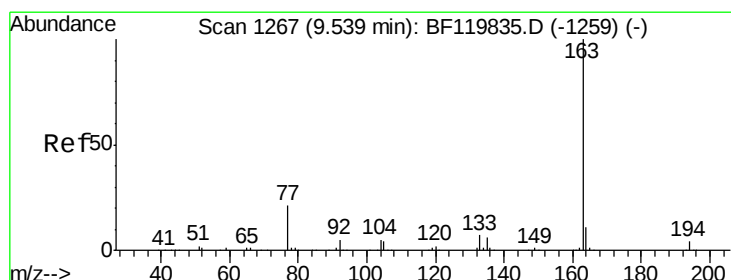
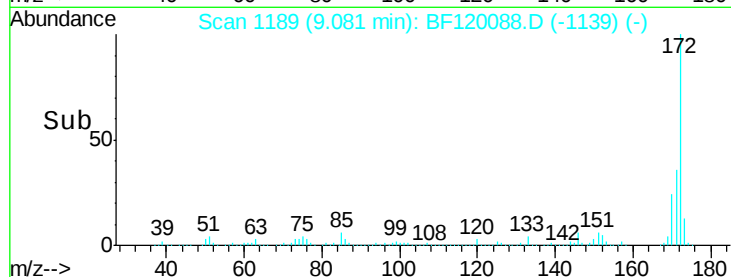
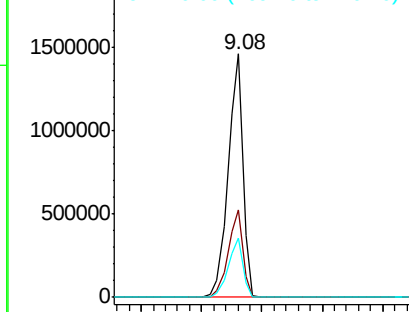


Abundance

Ion 172.00 (171.70 to 172.70): E

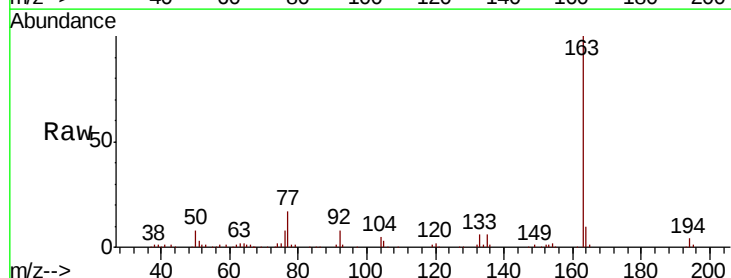
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 5.596 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	9.6	8.4	12.6

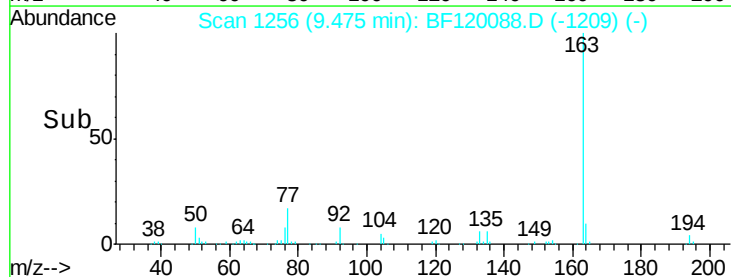
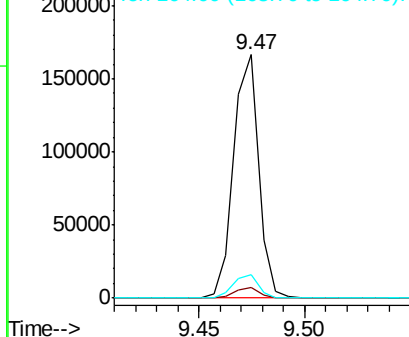


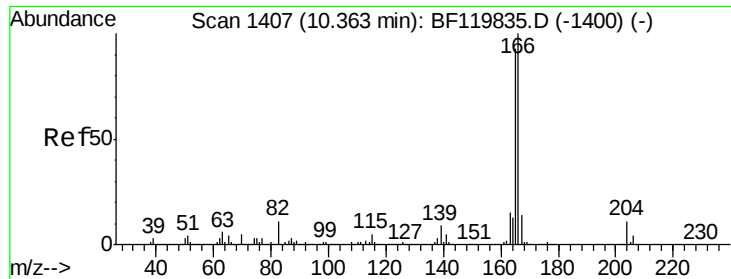
Abundance

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





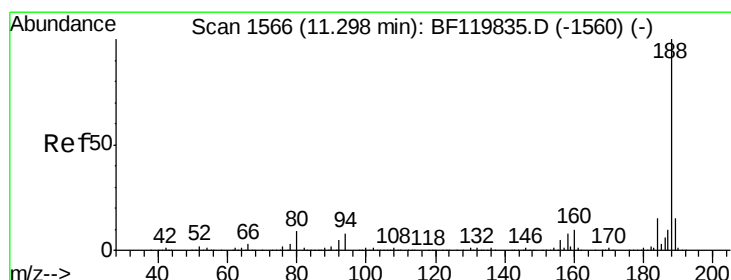
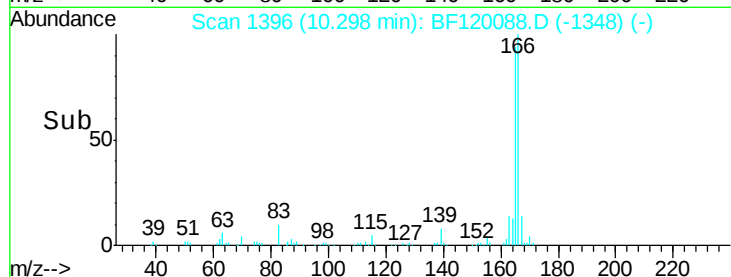
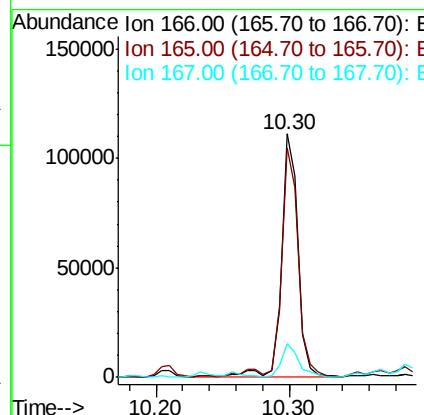
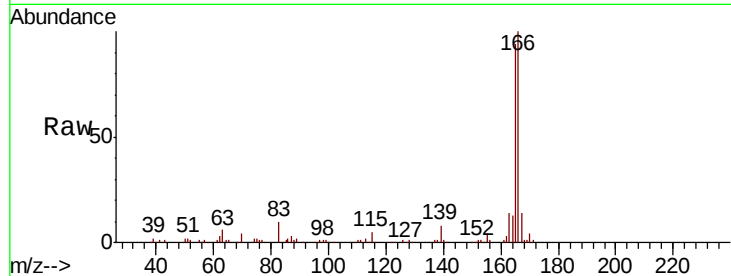
#58
 Fluorene
 Concen: 4.293 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF120088.D
 Acq: 20 Apr 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 WB-7-1

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	94.3	74.2	111.2	
167	13.9	10.8	16.2	

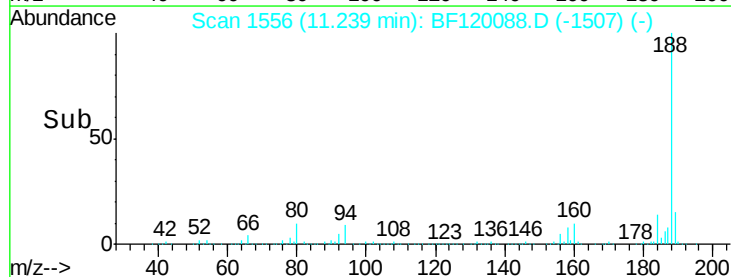
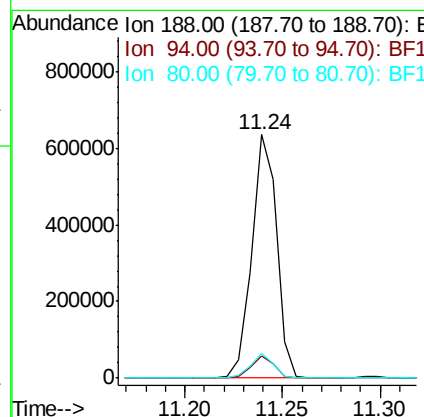
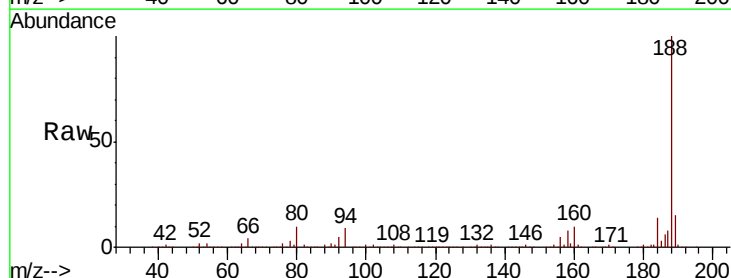
Manual Integrations
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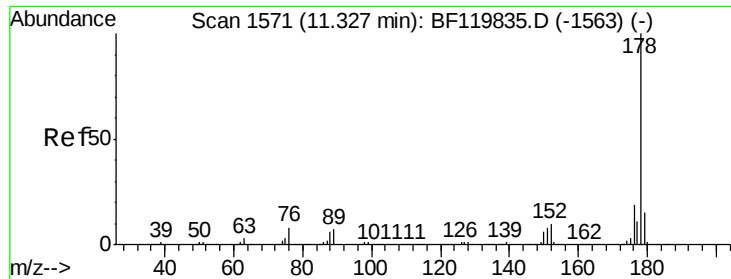
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#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120088.D
 Acq: 20 Apr 2020 20:02

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	6.7	10.1	
80	10.1	7.4	11.2	





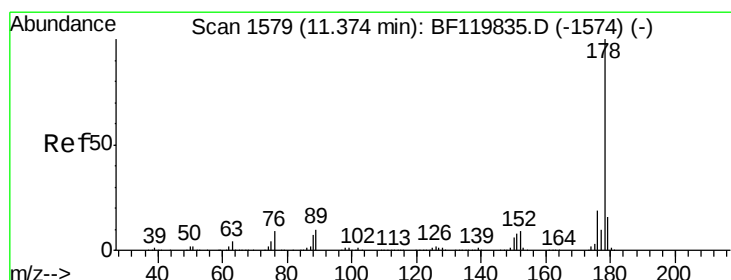
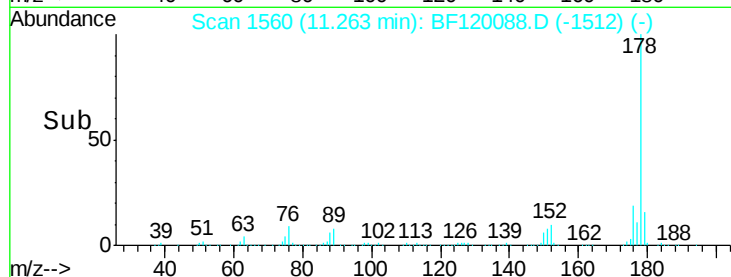
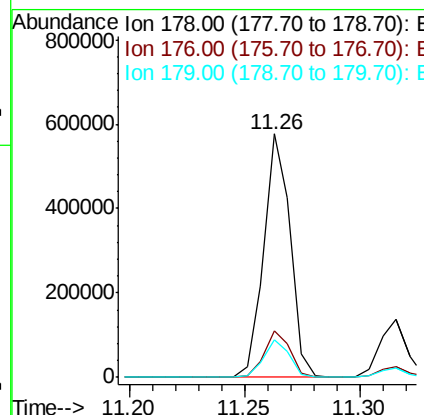
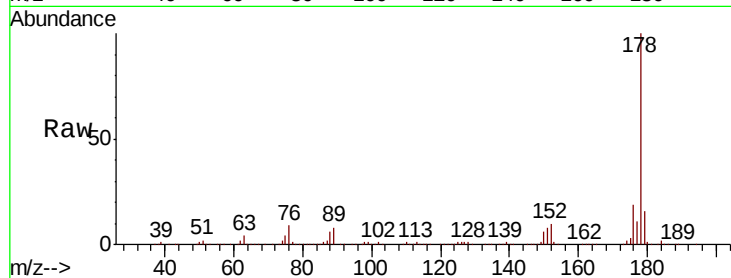
#71
Phenanthrene
Concen: 15.530 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.6	12.2	18.4

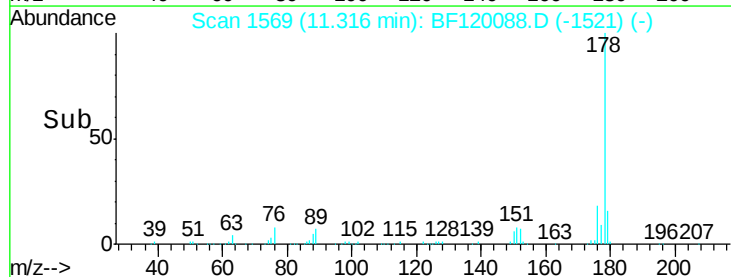
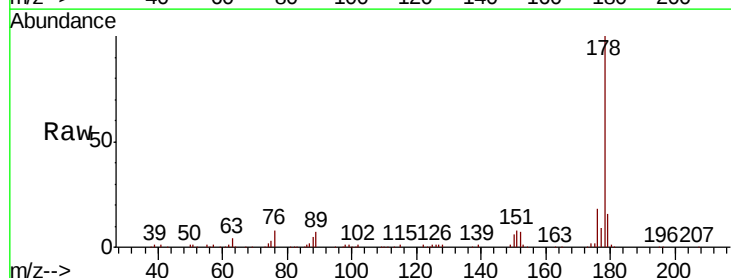
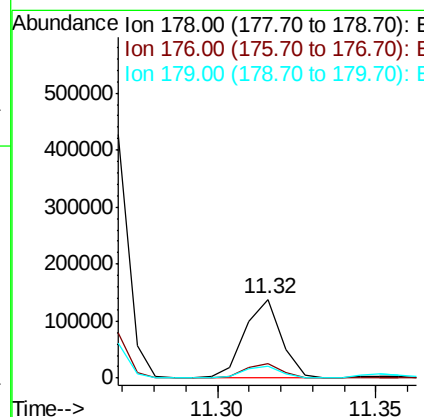
Manual Integrations
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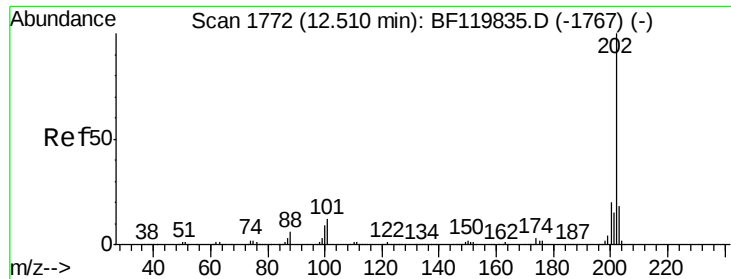
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4/21/2020 2:55:03 PM



#72
Anthracene
Concen: 3.573 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.7	12.8	19.2





#75

Fluoranthene

Concen: 10.896 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Instrument :

BNA_F

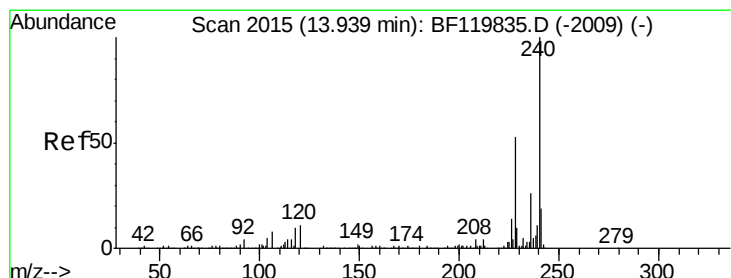
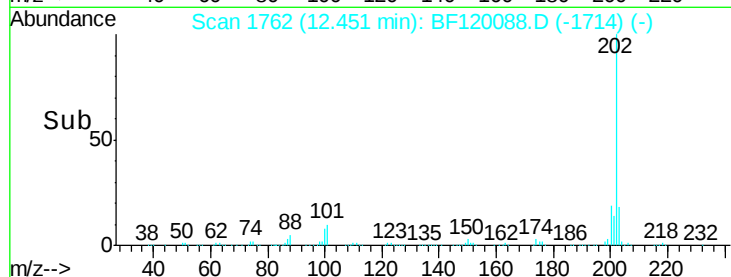
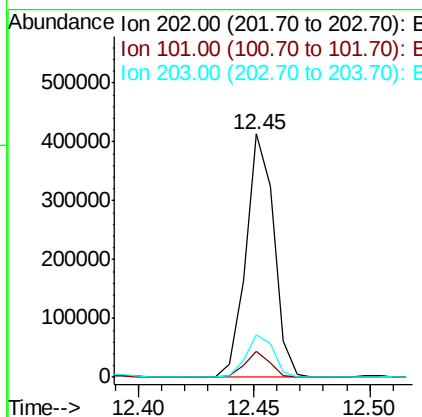
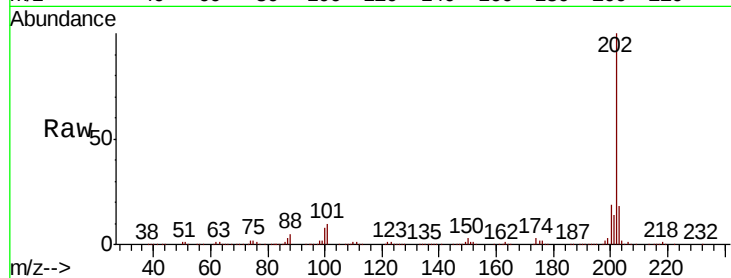
ClientSampleId :

WB-7-1

Tot Ion:	202	Resp:	349569
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	32.3
203	17.7	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

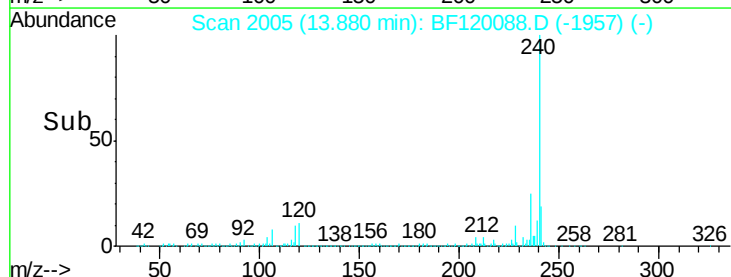
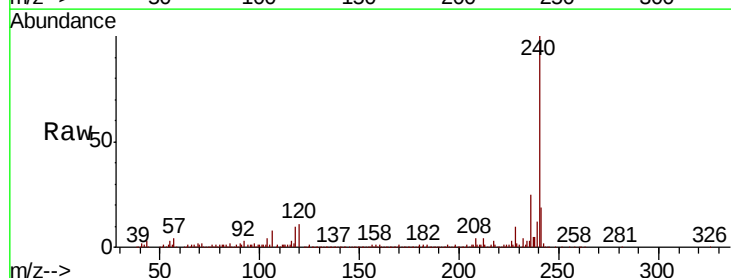
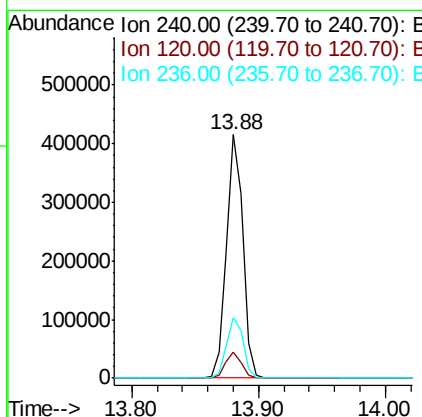
RT: 13.88 min Scan# 2005

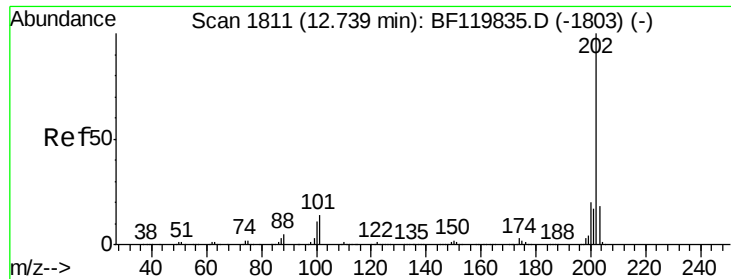
Delta R.T. -0.02 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Tgt Ion:	240	Resp:	370764
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.0	13.6
236	25.1	20.7	31.1





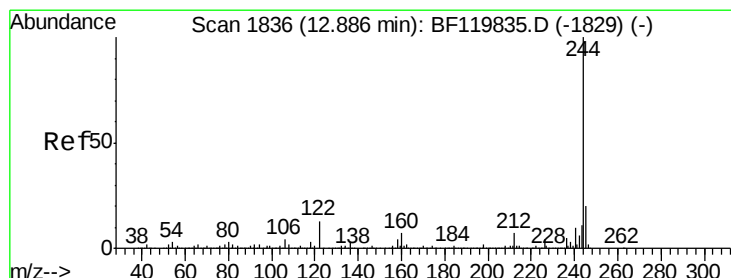
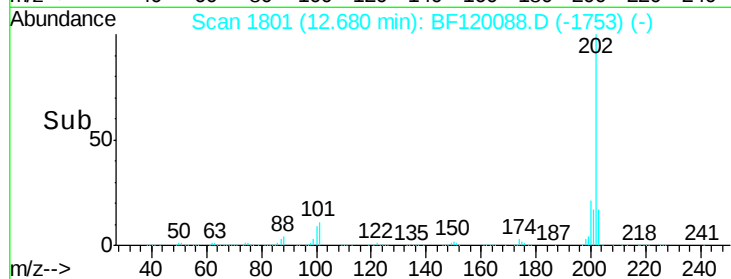
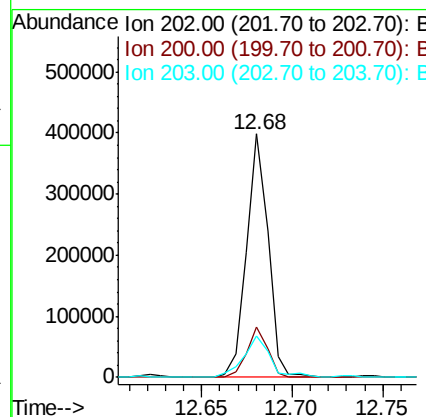
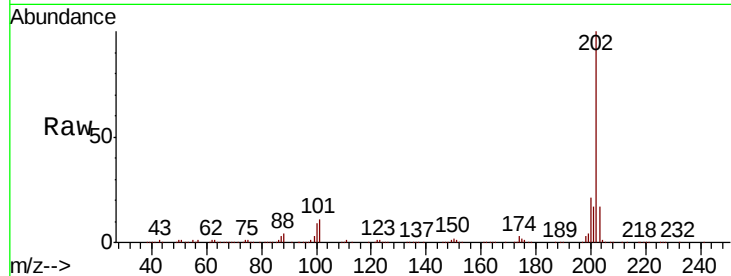
#78
Pvrene
Concen: 10.516 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampled :
WB-7-1

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.2	14.1	21.1

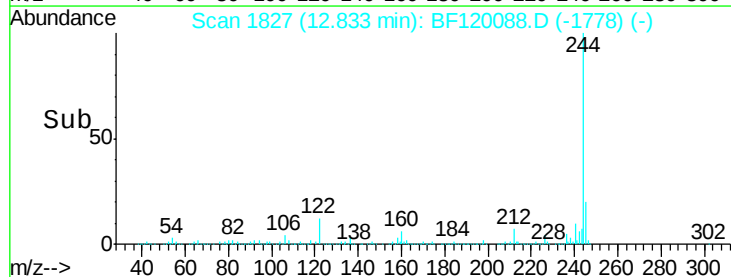
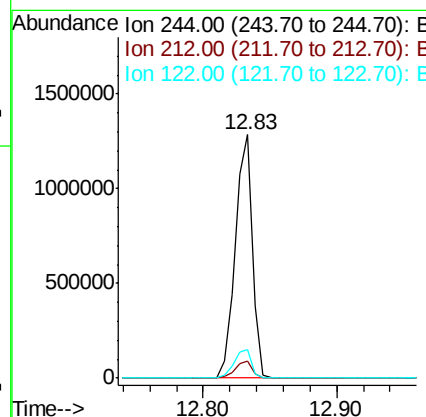
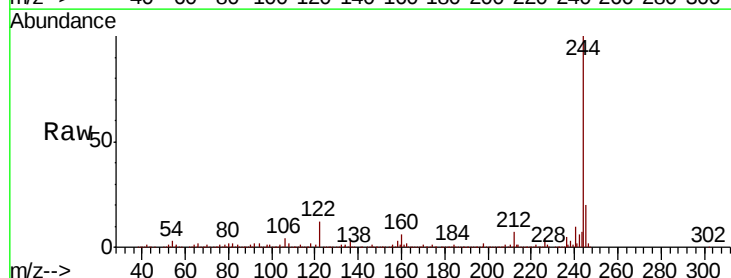
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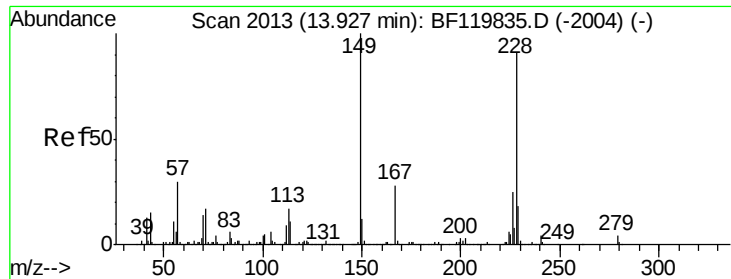
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#79
Terphenyl-d14
Concen: 52.949 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.6	10.3	15.5





#81

Benzo(a)anthracene

Concen: 5.879 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Instrument :

BNA_F

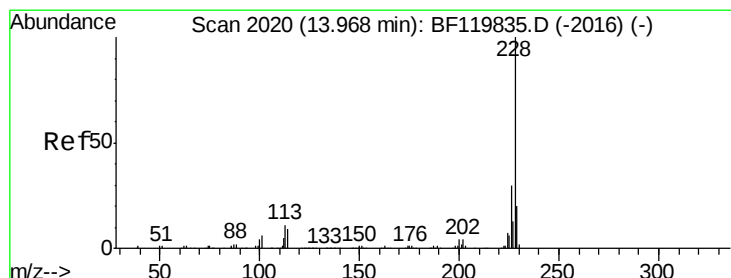
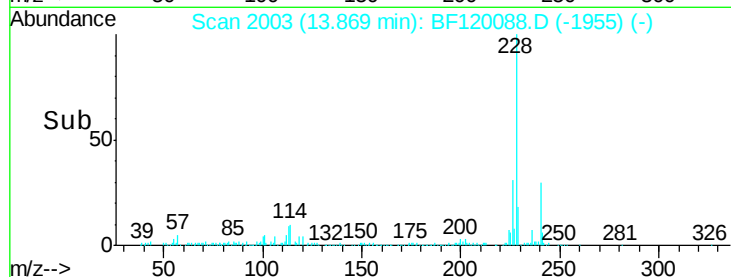
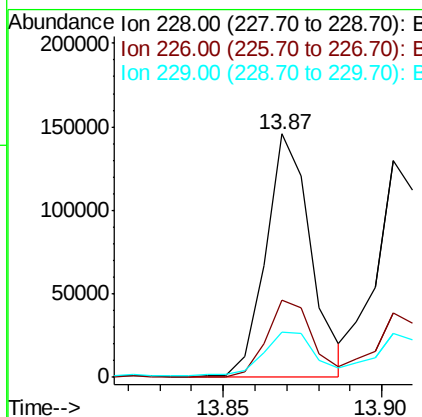
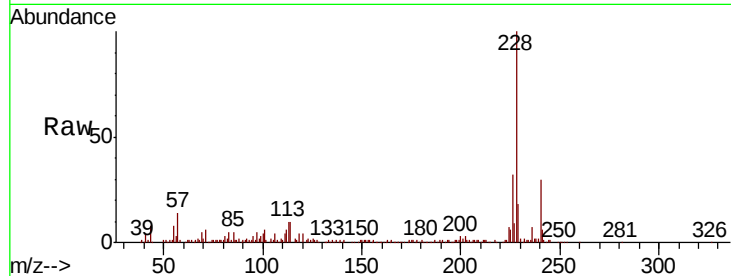
ClientSampled :

WB-7-1

Tot Ion:	228	Resp:	143401
Ion Ratio	Lower	Upper	
228	100		
226	31.6	21.9	32.9
229	18.5	15.9	23.9

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#83

Chrysene

Concen: 5.169 ng

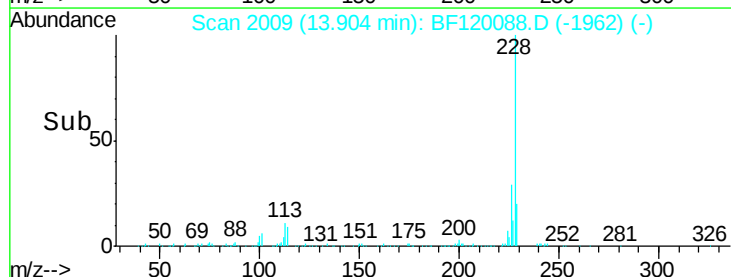
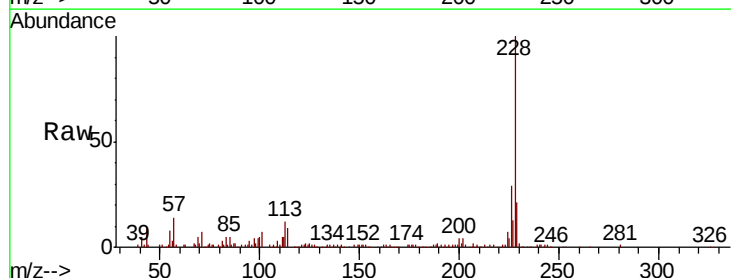
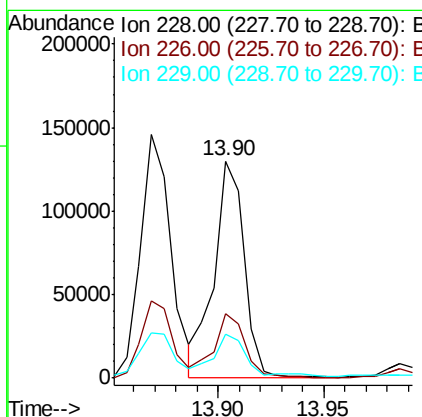
RT: 13.90 min Scan# 2009

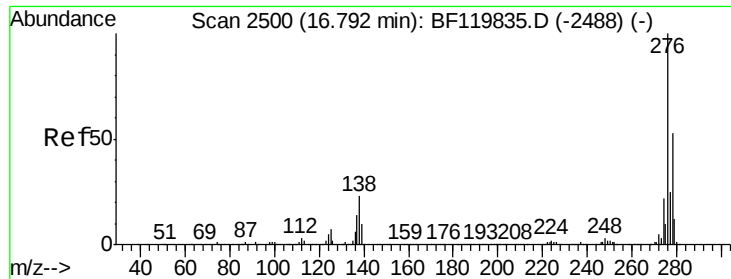
Delta R.T. -0.02 min

Lab File: BF120088.D

Acq: 20 Apr 2020 20:02

Tgt Ion:	228	Resp:	128102
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.2	36.2
229	20.5	15.9	23.9





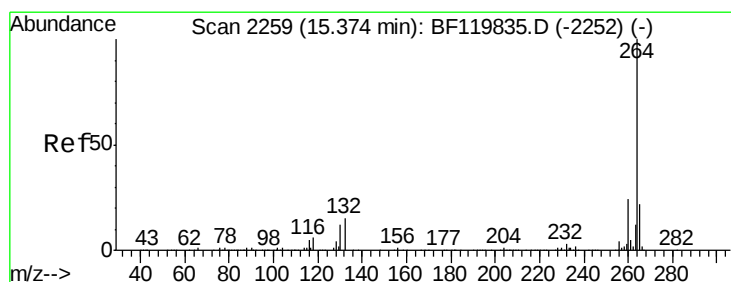
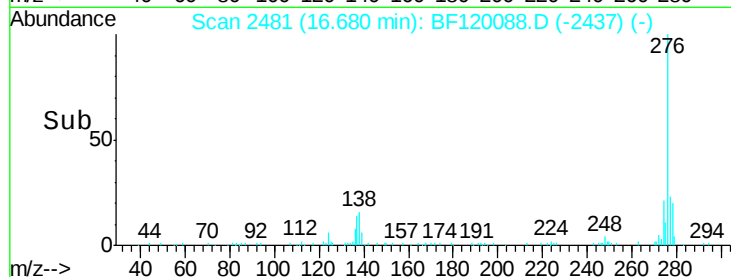
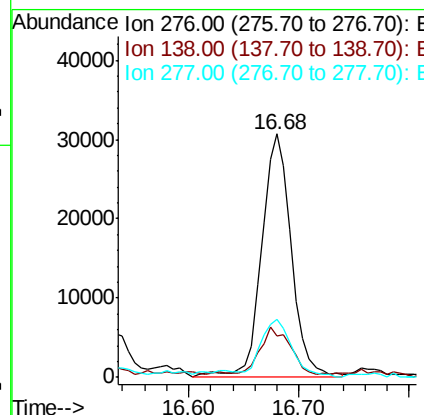
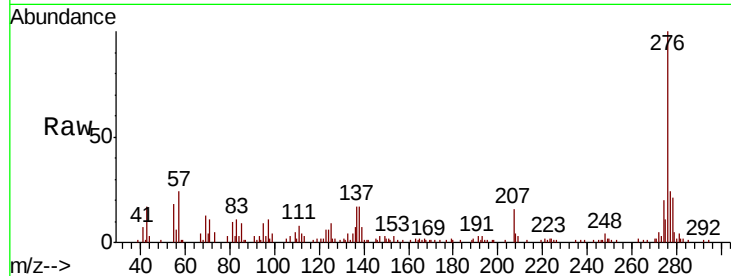
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.659 ng
 RT: 16.68 min Scan# 2481
 Delta R.T. -0.04 min
 Lab File: BF120088.D
 Acq: 20 Apr 2020 20:02

Instrument :
 BNA_F
 ClientSampleId :
 WB-7-1

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.6	18.0	27.0
277	24.7	20.1	30.1

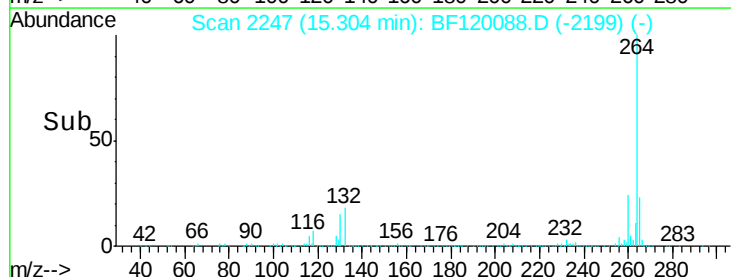
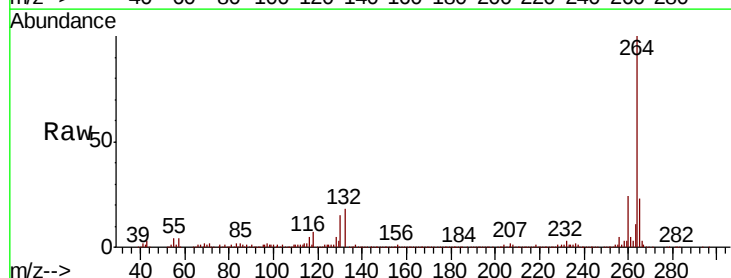
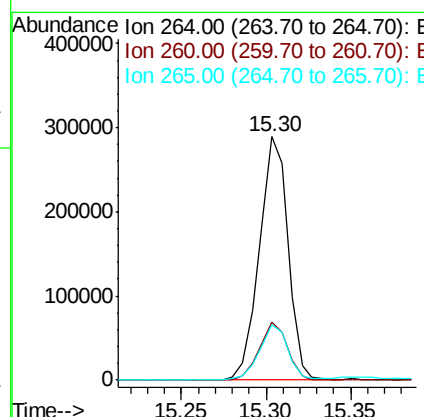
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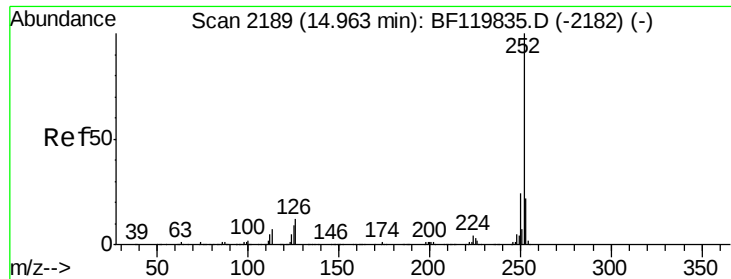
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF120088.D
 Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.8	17.6	26.4





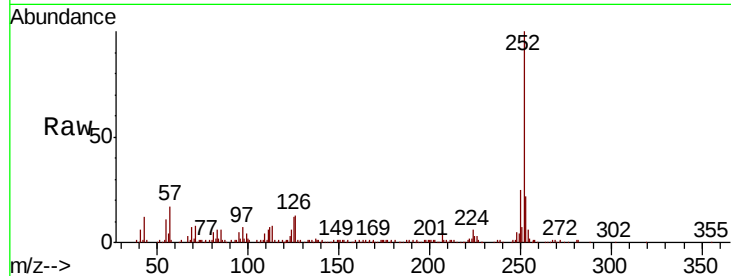
#88
Benzo(b)fluoranthene
Concen: 5.991 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

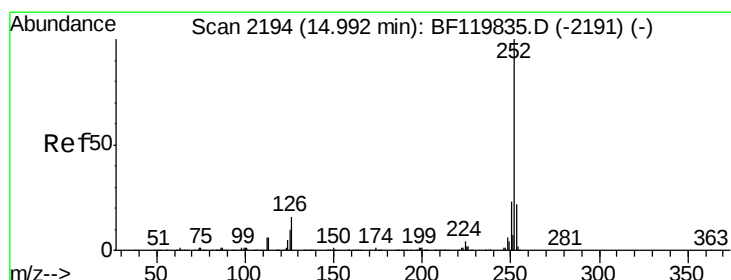
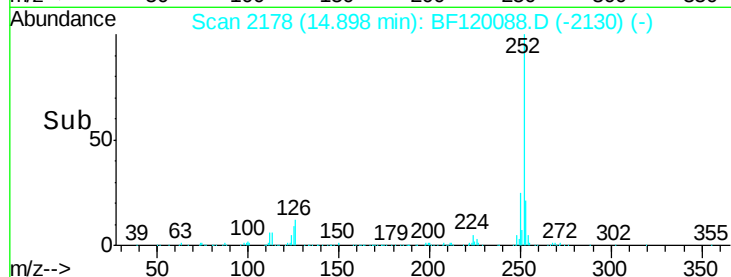
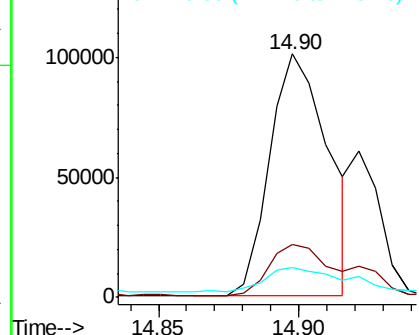
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.0	7.4	11.2

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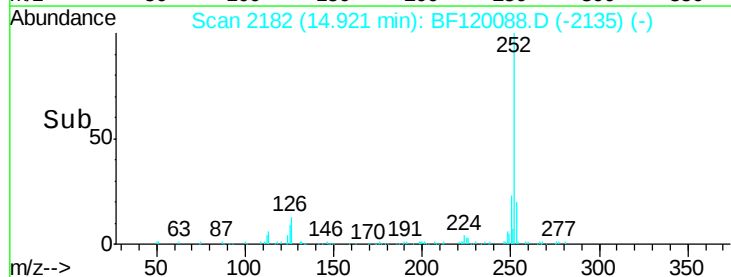
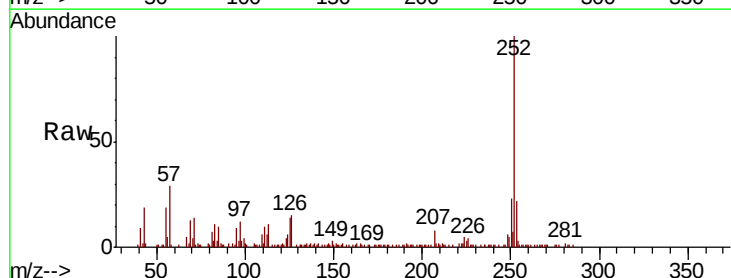
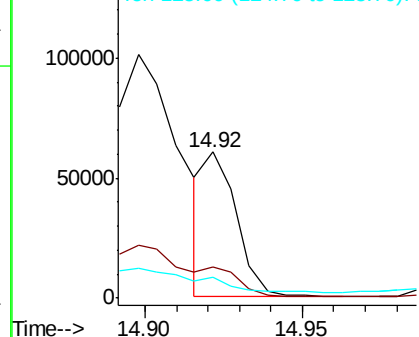
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

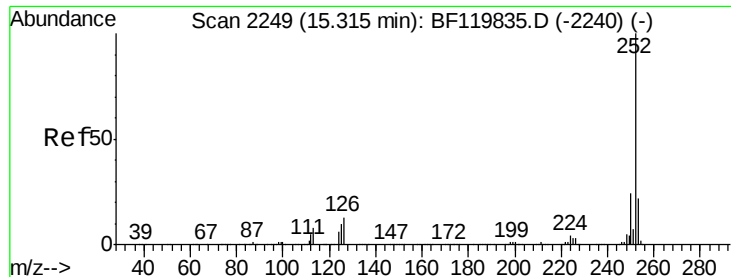


#89
Benzo(k)fluoranthene
Concen: 2.003 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	14.4	7.7	11.5

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





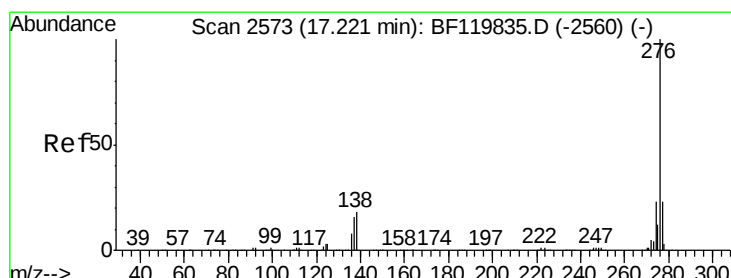
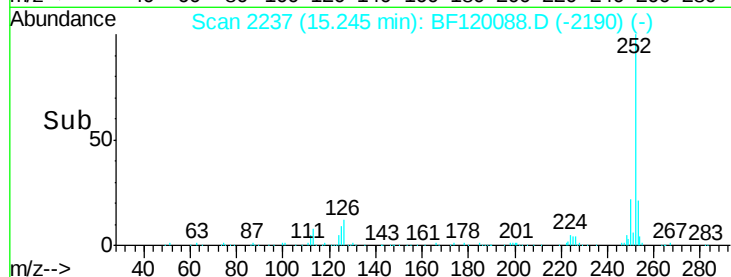
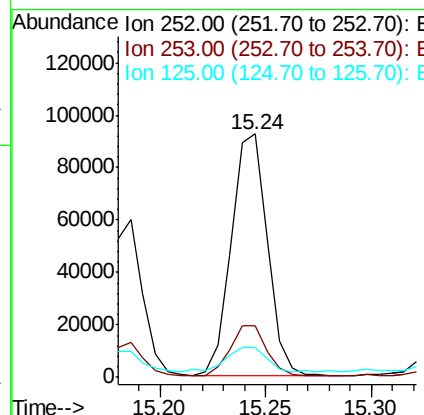
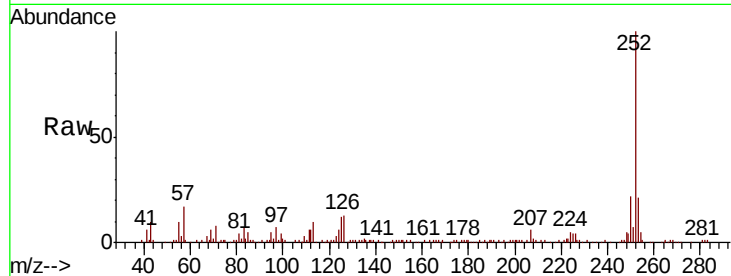
#90
Benzo(a)pyrene
Concen: 5.251 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Instrument :
BNA_F
ClientSampleId :
WB-7-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	12.2	8.3	12.5

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#92
Benzo(g,h,i)perylene
Concen: 2.668 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.05 min
Lab File: BF120088.D
Acq: 20 Apr 2020 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	19.2	14.6	22.0

