

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120091.D
 Acq On : 20 Apr 2020 21:24
 Operator : MA/SJ
 Sample : L2314-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1

Manual Integrations
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Quant Time: Apr 21 03:57:17 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	154579	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	572596	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	278348	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	478816	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	320397	20.00	ng	-0.01
87) Perylene-d12	15.31	264	286058	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	637229	71.24	ng	0.00
7) Phenol-d6	6.36	99	824973	71.58	ng	0.00
23) Nitrobenzene-d5	7.28	82	512784	46.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	195613	57.40	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	984605	50.22	ng	0.00
79) Terphenyl-d14	12.83	244	915856	48.10	ng	-0.01
Target Compounds						
31) Naphthalene	8.02	128	135806	4.508	ng	99
50) Dimethylphthalate	9.47	163	181925	8.450	ng	99
71) Phenanthrene	11.26	178	93634	3.674	ng	97
75) Fluoranthene	12.46	202	87802	3.193	ng	96
78) Pyrene	12.68	202	110636	4.096	ng	99
81) Benzo(a)anthracene	13.87	228	64983	3.083	ng	# 84
83) Chrysene	13.91	228	67983	3.174	ng	# 91
86) Indeno(1,2,3-cd)pyrene	16.69	276	65451	3.467	ng	97
88) Benzo(b)fluoranthene	14.90	252	101797m	4.947	ng	
90) Benzo(a)pyrene	15.25	252	83030	4.799	ng	# 93
92) Benzo(g,h,i)perylene	17.11	276	71549	4.729	ng	97

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

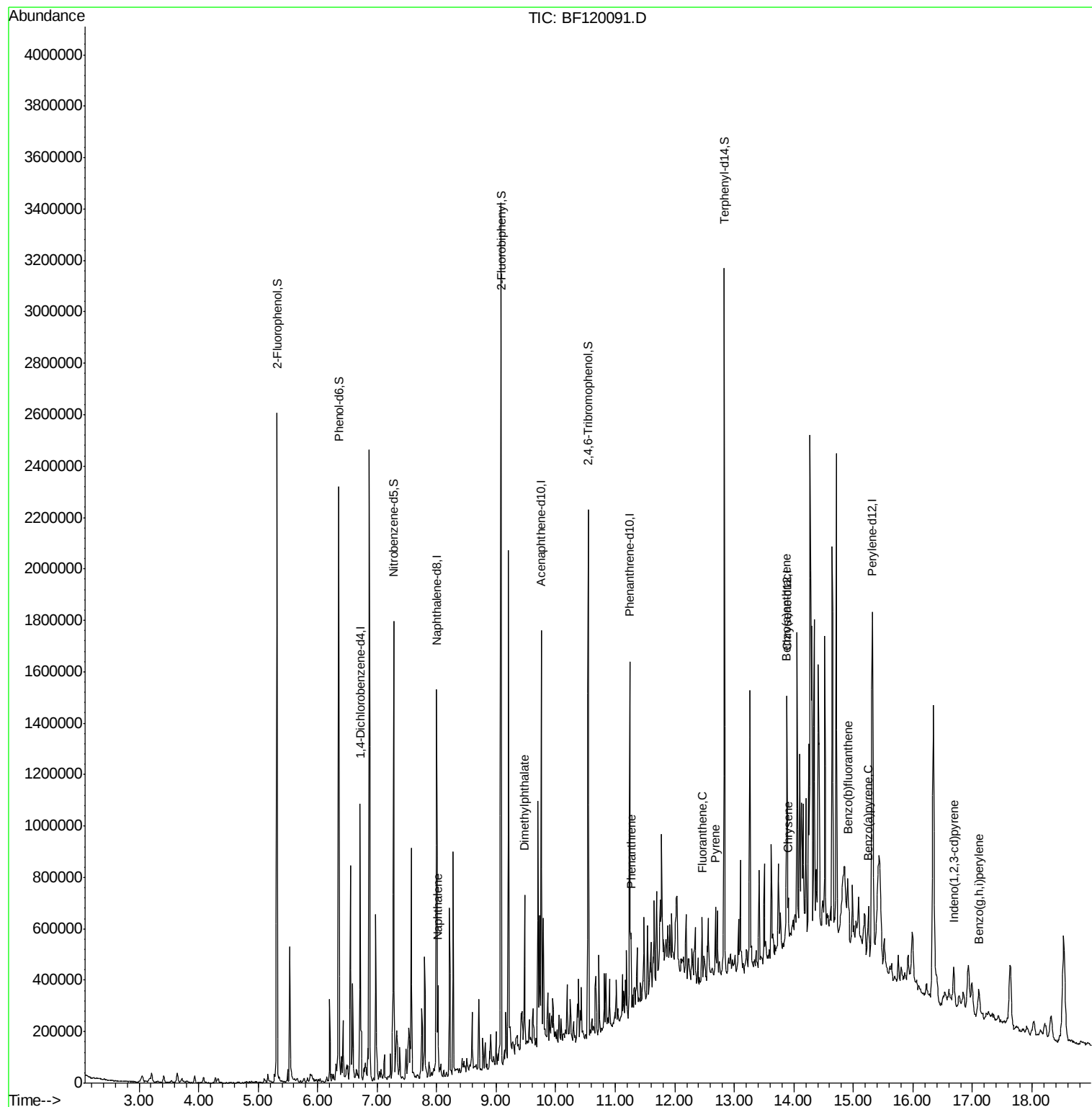
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120091.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

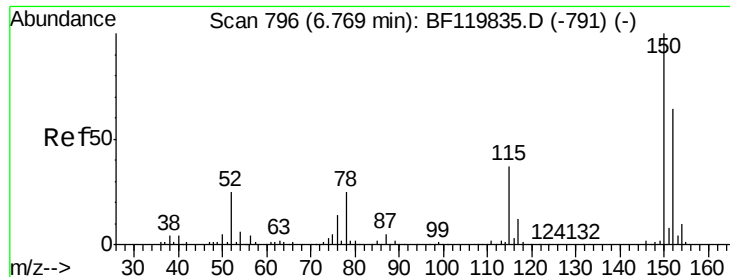
Instrument :
BNA_F
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#1

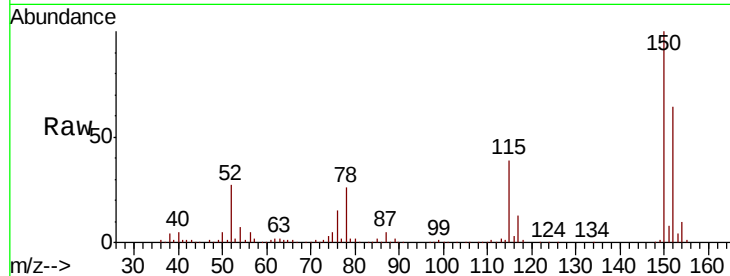
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Instrument :
BNA_F
ClientSampleId :
WB-4-1

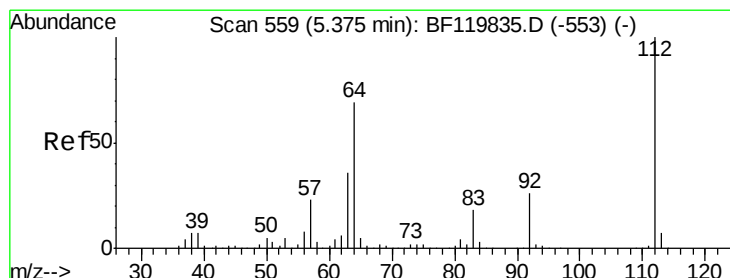
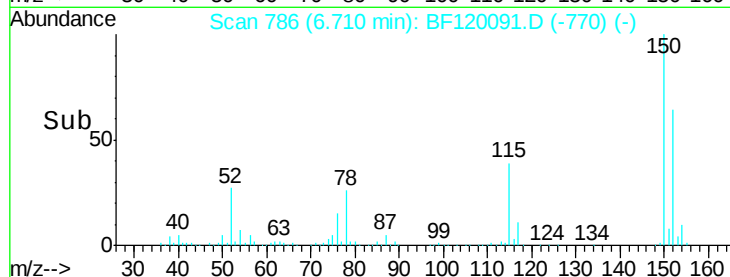
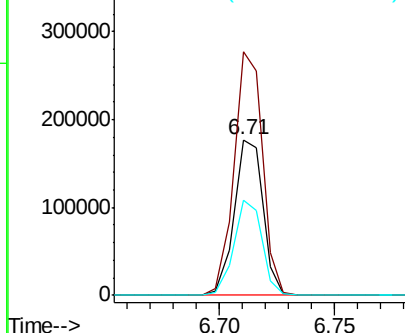
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.8	187.2
115	61.4	46.5	69.7

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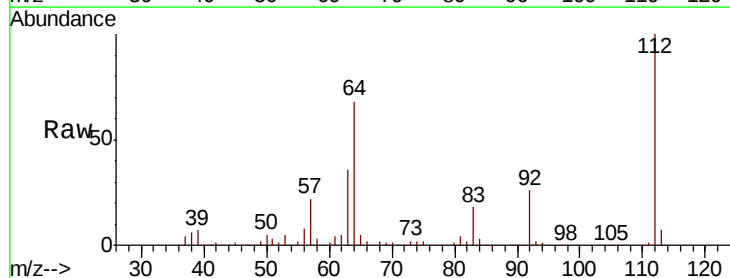
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



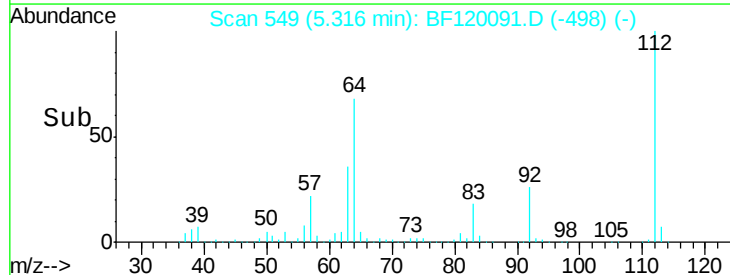
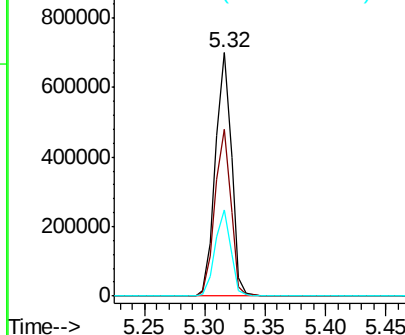
#5

2-Fluorophenol
Concen: 71.242 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.5	83.3
63	35.5	29.1	43.7



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: 71.578 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Instrument :

BNA_F

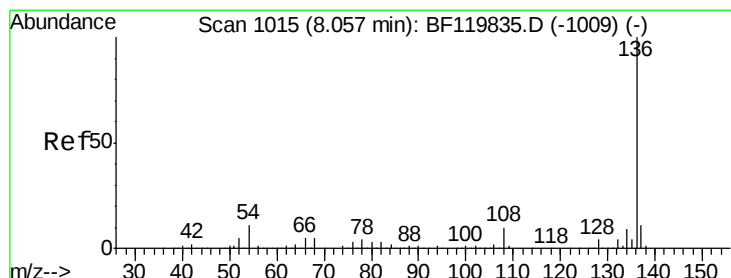
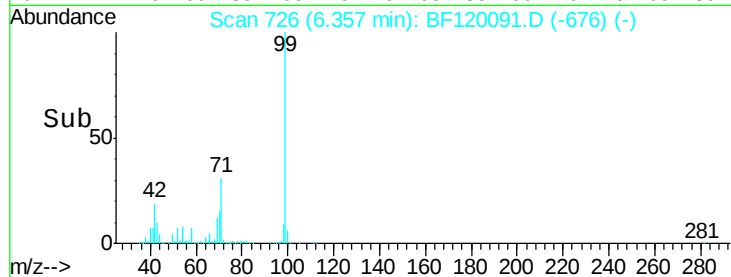
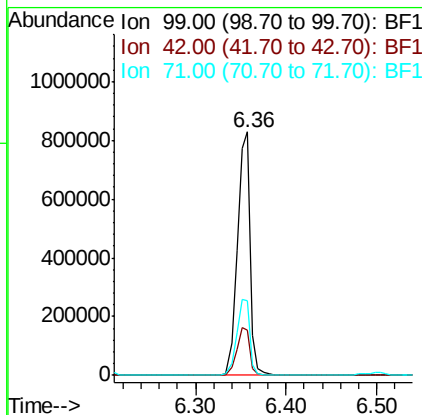
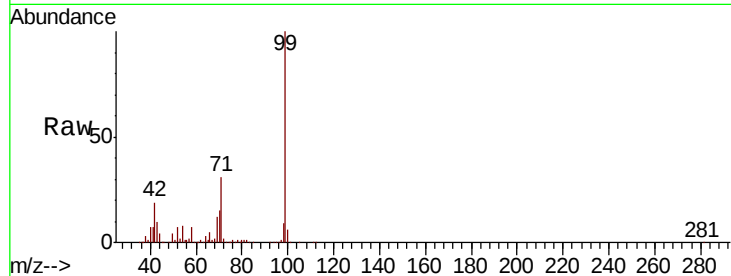
ClientSampled :

WB-4-1

Tot Ion:	99	Resp:	824973
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.9	25.3
71	30.6	26.3	39.5

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#21

Naphthalene-d8

Concen: 20.000 ng

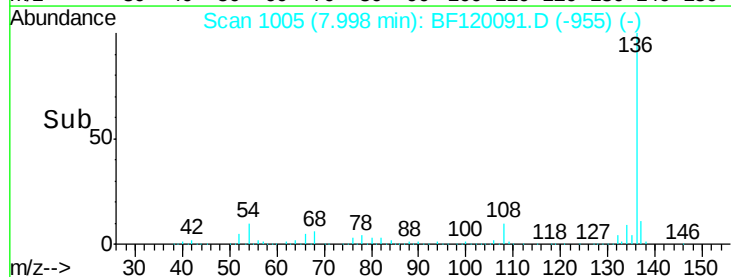
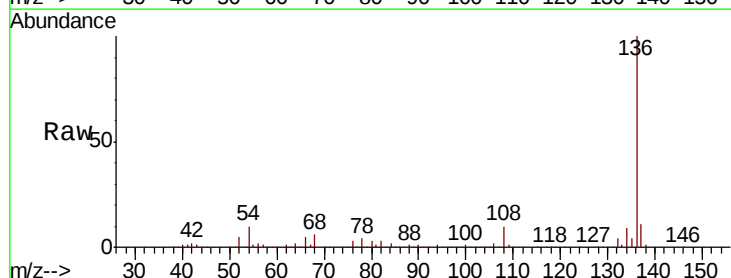
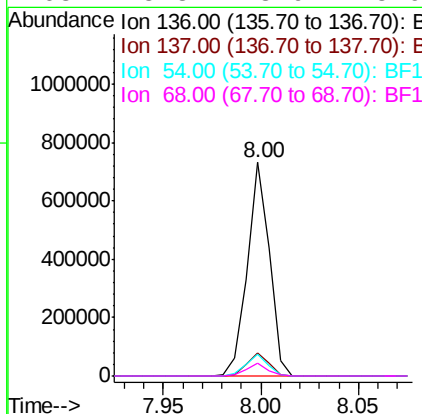
RT: 8.00 min Scan# 1005

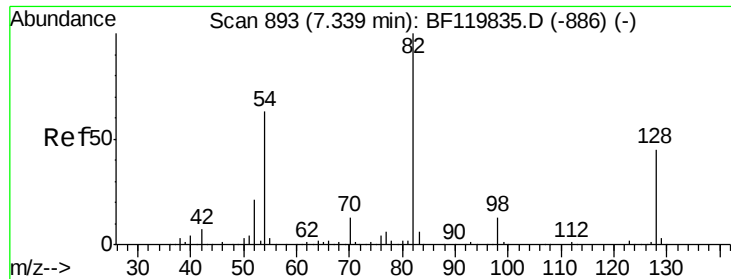
Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Tgt Ion:	136	Resp:	572596
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.4	8.5	12.7
68	5.8	3.9	5.9





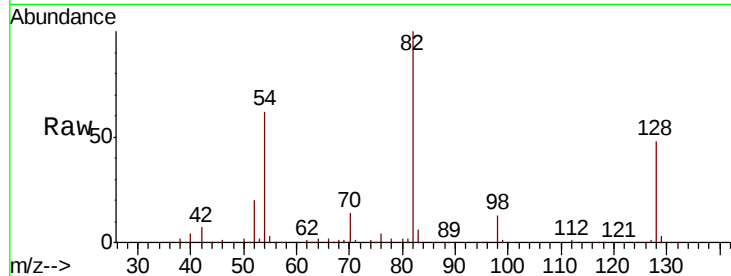
#23
Nitrobenzene-d5
Concen: 46.330 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Instrument :
BNA_F
ClientSampleId :
WB-4-1

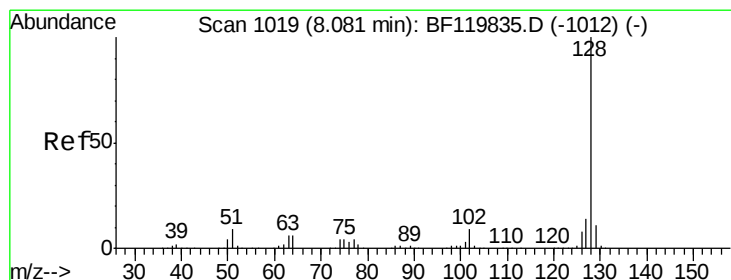
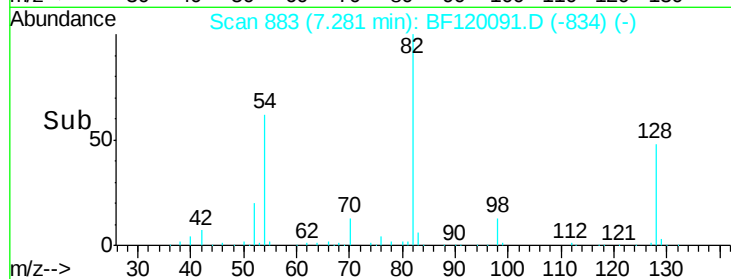
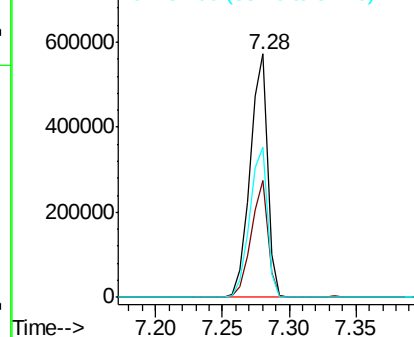
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.2	54.4
54	61.9	50.4	75.6

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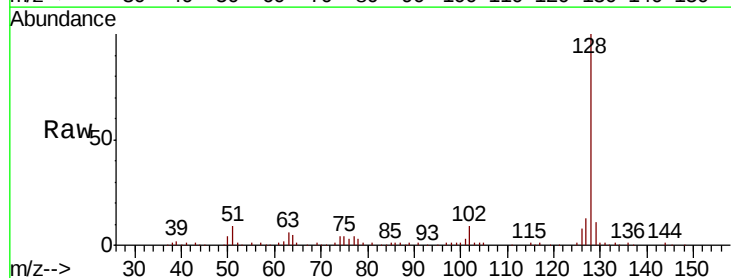


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

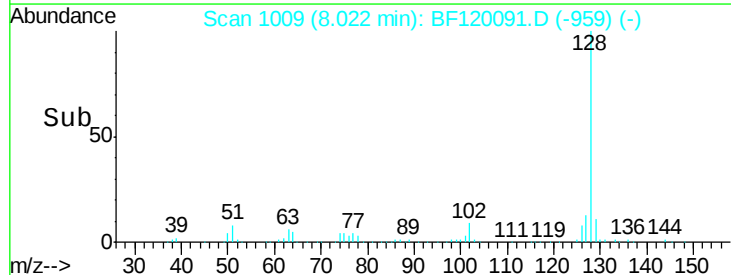
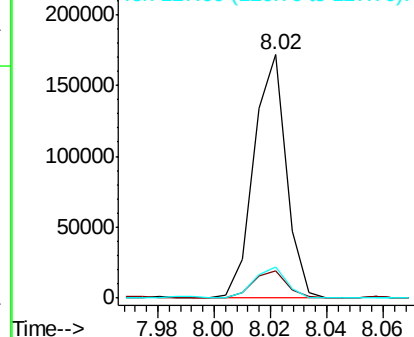


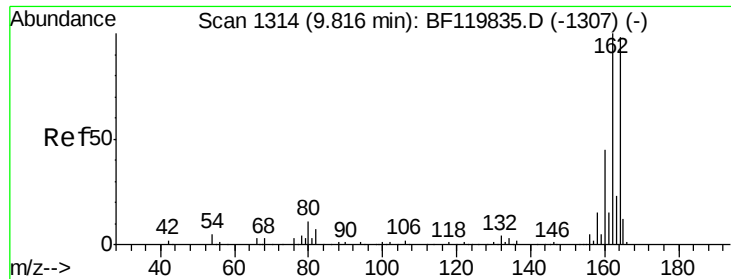
#31
Naphthalene
Concen: 4.508 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.0	11.0	16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





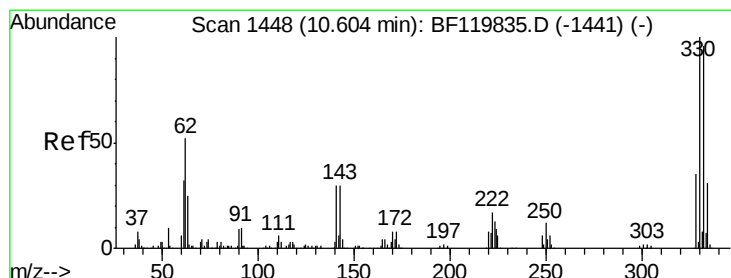
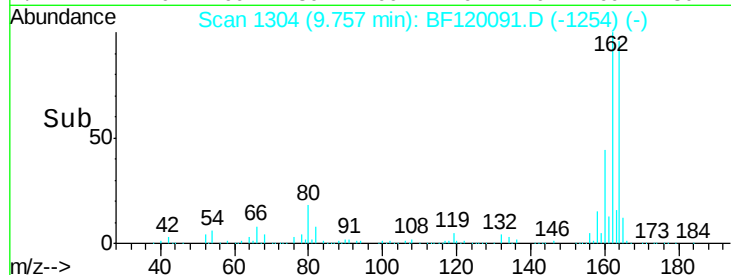
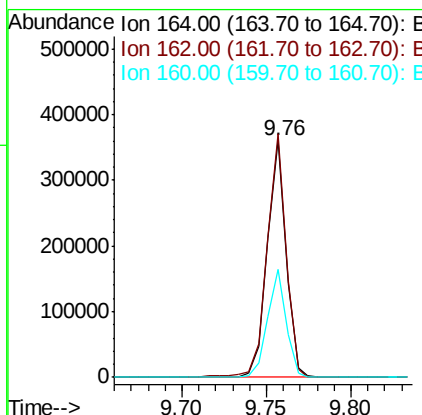
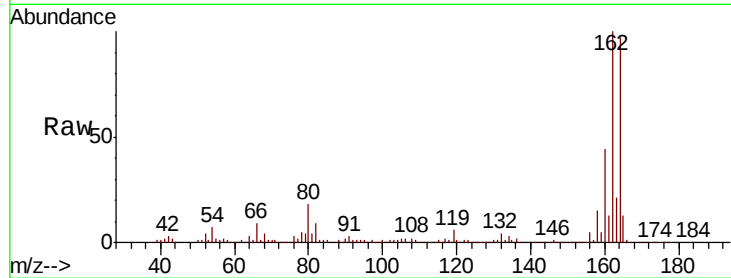
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120091.D
 Acq: 20 Apr 2020 21:24

Instrument :
 BNA_F
 ClientSampleId :
 WB-4-1

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	81.9	122.9	
160	45.4	36.6	54.8	

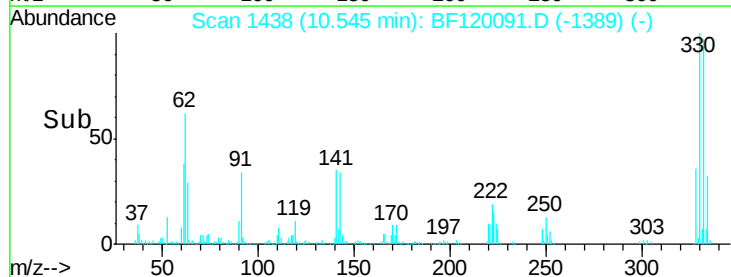
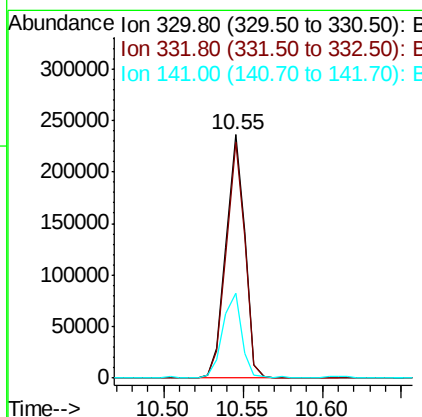
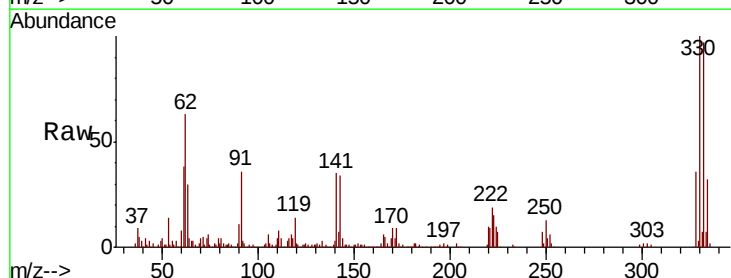
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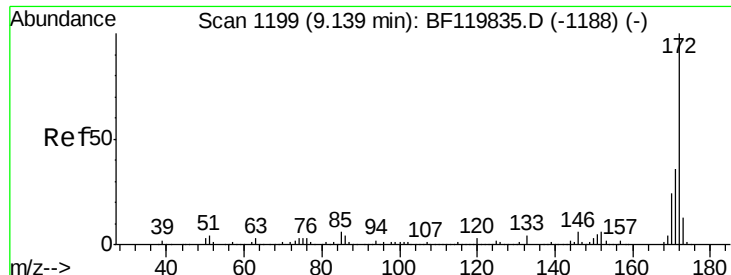
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#42
 2,4,6-Tribromophenol
 Concen: 57.399 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120091.D
 Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.8	115.2	
141	34.3	25.1	37.7	





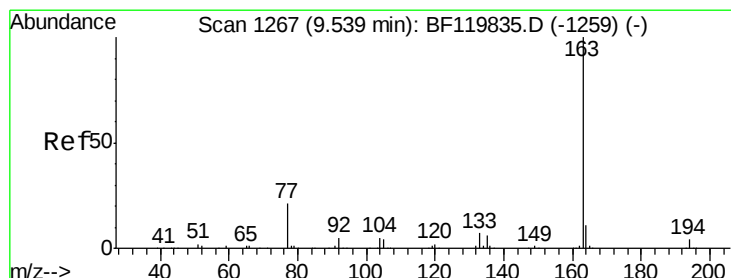
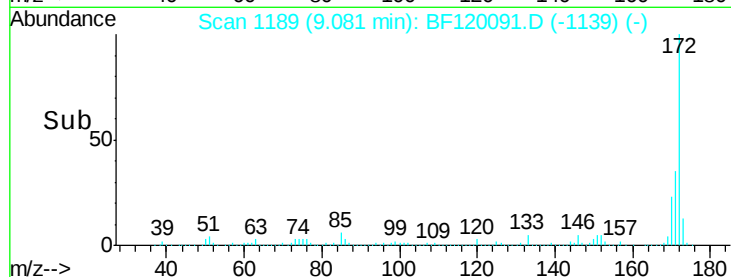
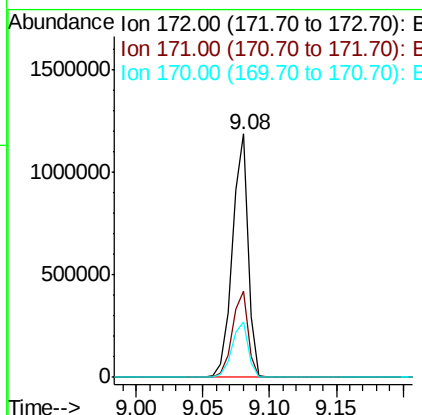
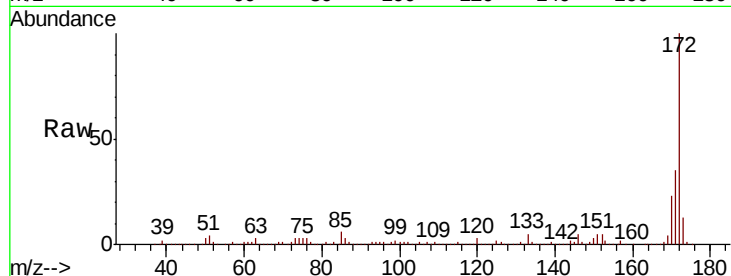
#45
2-Fluorobiphenyl
Concen: 50.222 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Instrument :
BNA_F
ClientSampleId :
WB-4-1

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	28.9	43.3	
170	23.0	19.4	29.2	

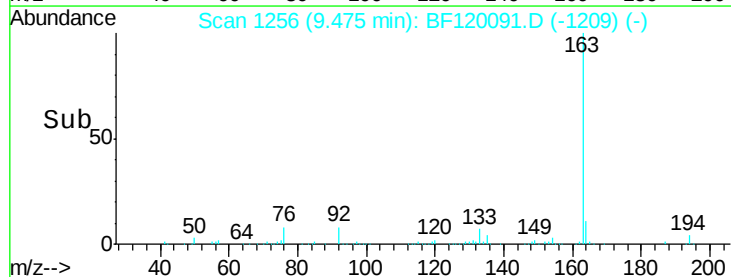
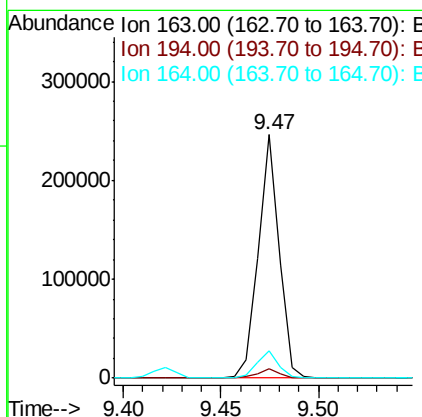
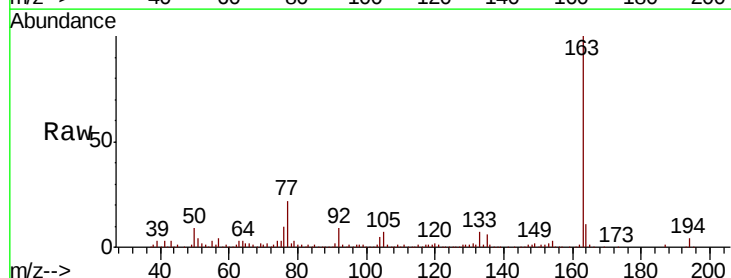
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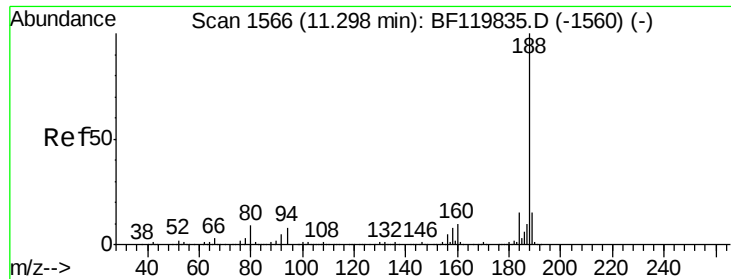
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#50
Dimethylphthalate
Concen: 8.450 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	3.0	4.4	
164	11.0	8.4	12.6	





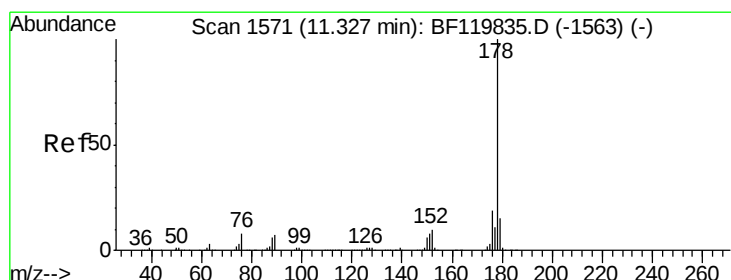
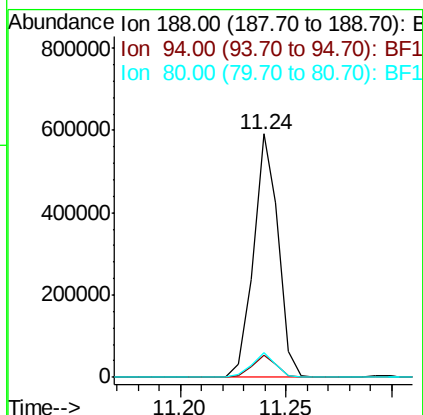
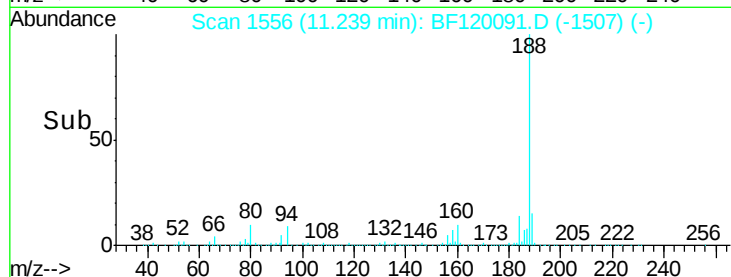
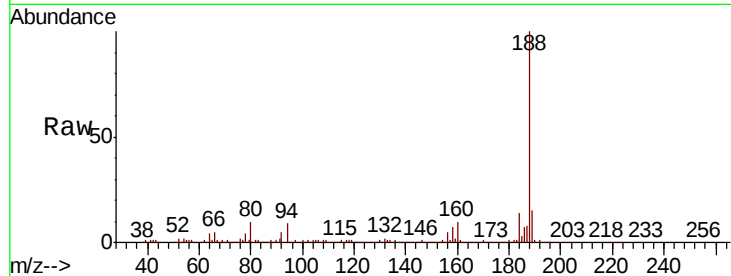
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.4	6.7	10.1
80	10.0	7.4	11.2

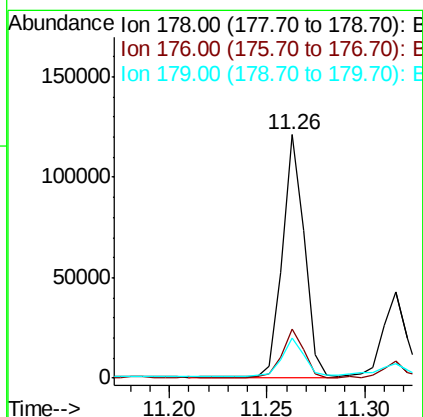
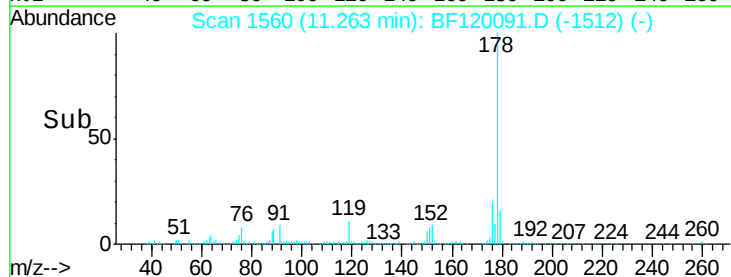
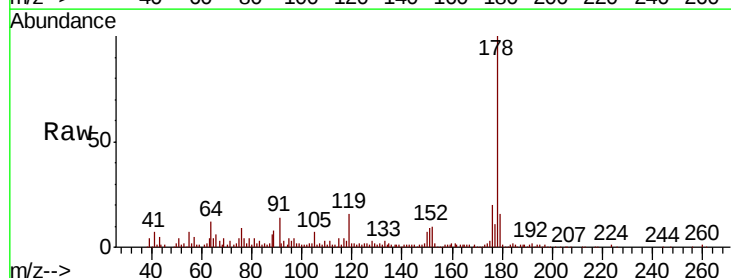
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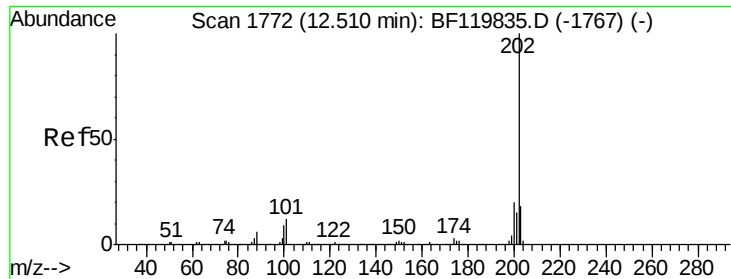
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#71
Phenanthrene
Concen: 3.674 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.02 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.5	12.2	18.4





#75

Fluoranthene

Concen: 3.193 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Instrument :

BNA_F

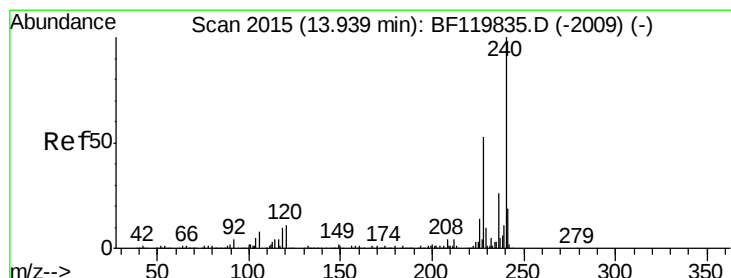
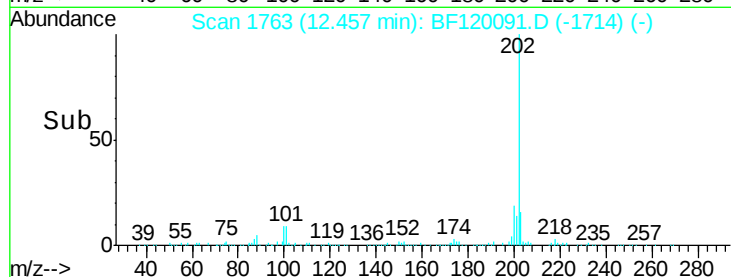
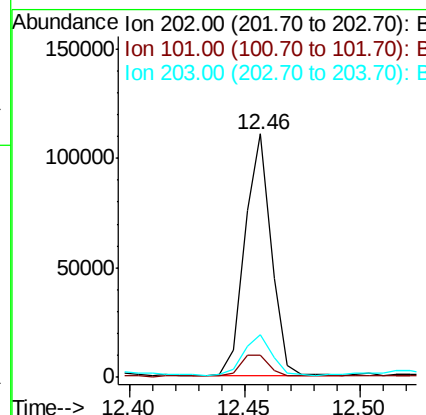
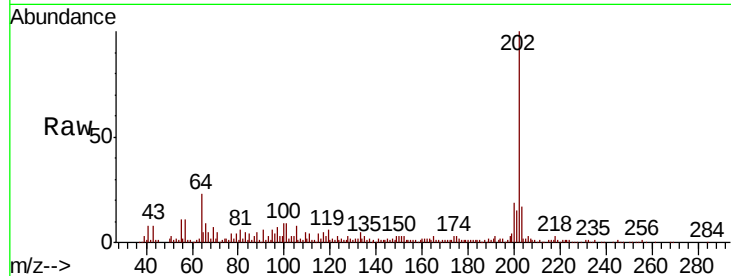
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		87802		
101	9.2	0.0	32.3		
203	17.3	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

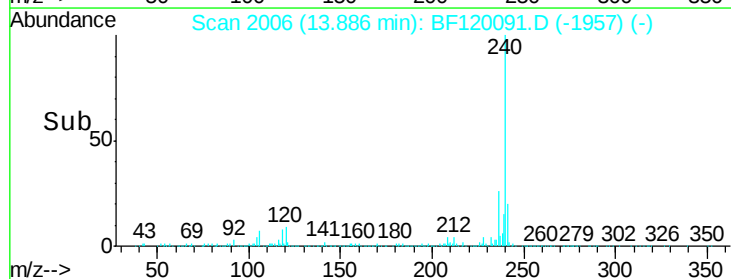
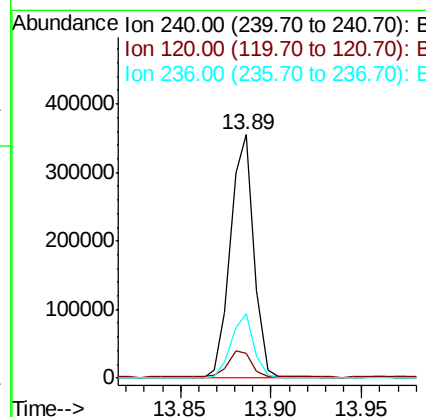
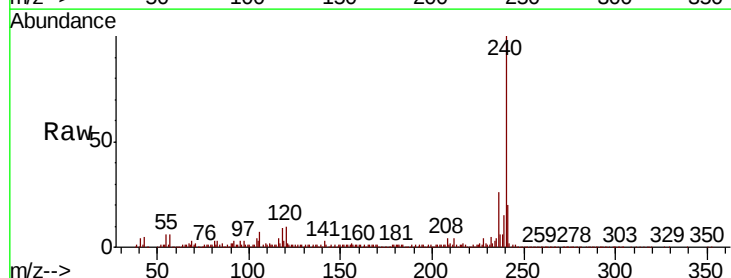
RT: 13.89 min Scan# 2006

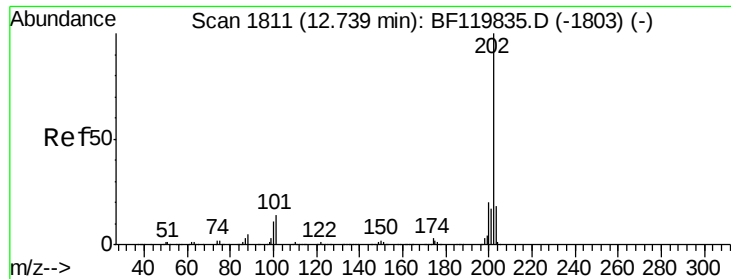
Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		320397		
120	10.0	9.0	13.6		
236	26.3	20.7	31.1		





#78

Pvrene

Concen: 4.096 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Instrument :

BNA_F

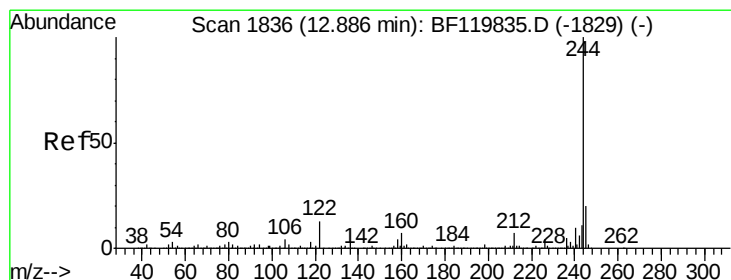
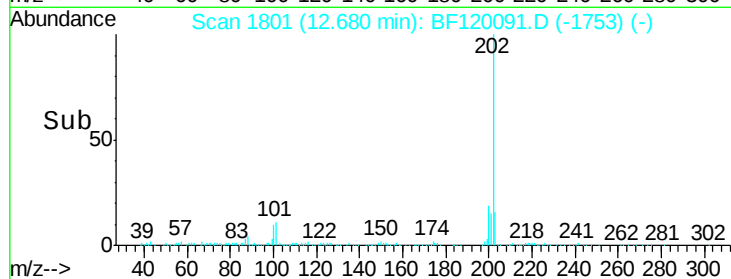
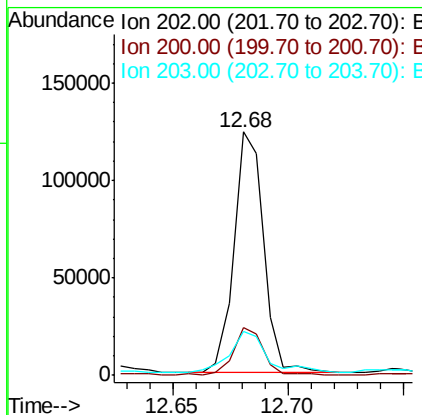
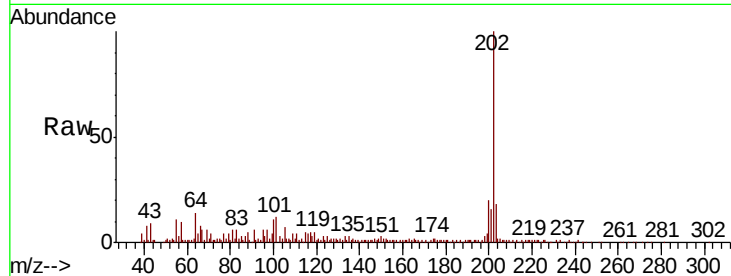
ClientSampleId :

WB-4-1

Tot Ion:	202	Resp:	110636
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.2	24.2
203	18.3	14.1	21.1

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#79

Terphenyl-d14

Concen: 48.099 ng

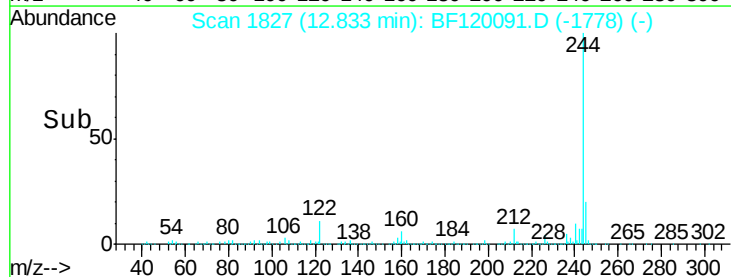
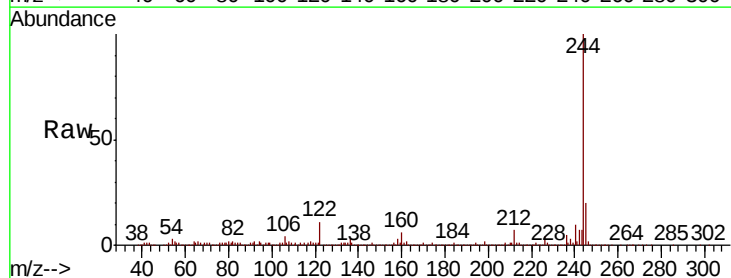
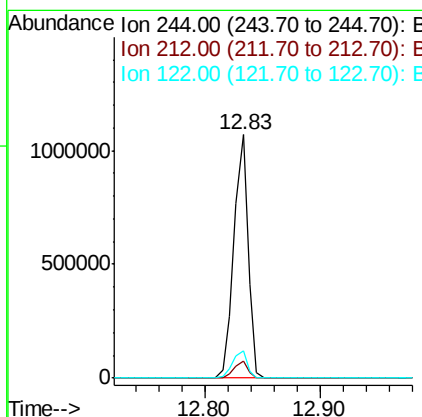
RT: 12.83 min Scan# 1827

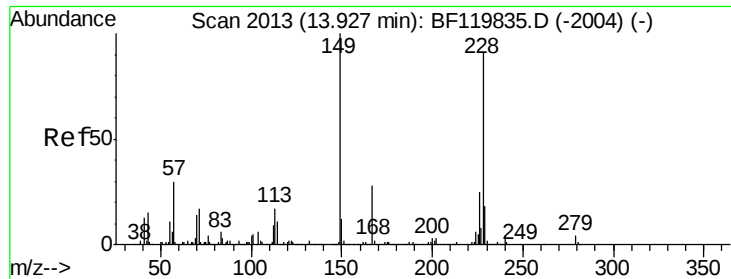
Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Tgt Ion:	244	Resp:	915856
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.1	10.3	15.5





#81

Benzo(a)anthracene

Concen: 3.083 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Instrument :

BNA_F

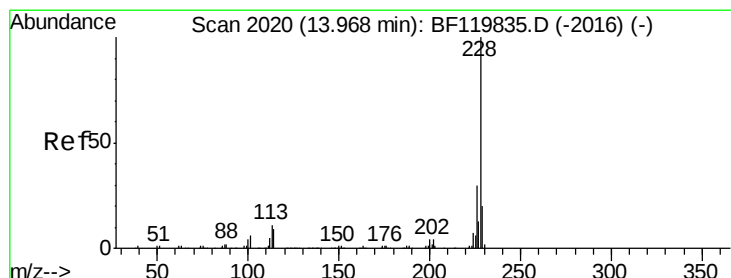
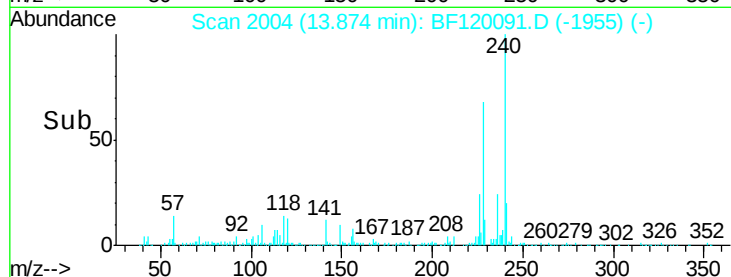
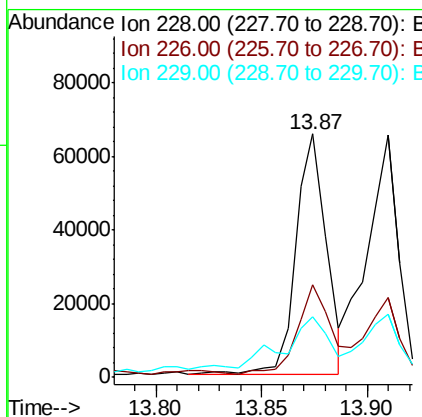
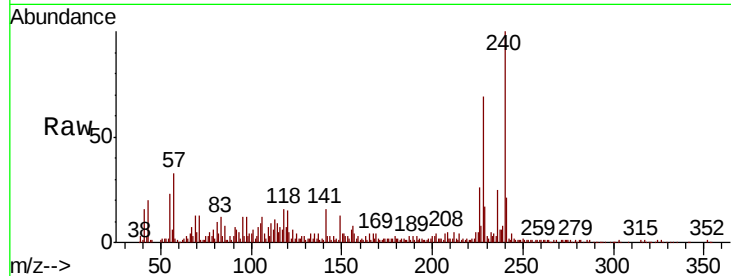
ClientSampleId :

WB-4-1

Tot Ion:	228	Resp:	64983
Ion Ratio	Lower	Upper	
228	100		
226	38.0	21.9	32.9#
229	24.8	15.9	23.9#

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#83

Chrysene

Concen: 3.174 ng

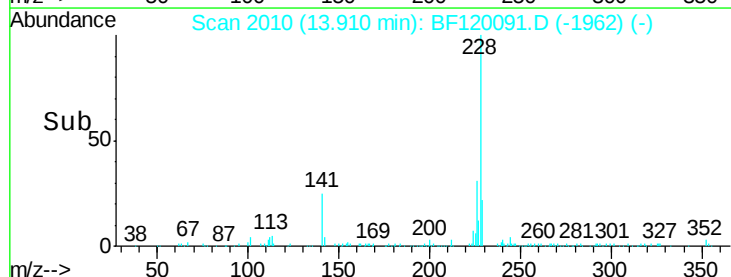
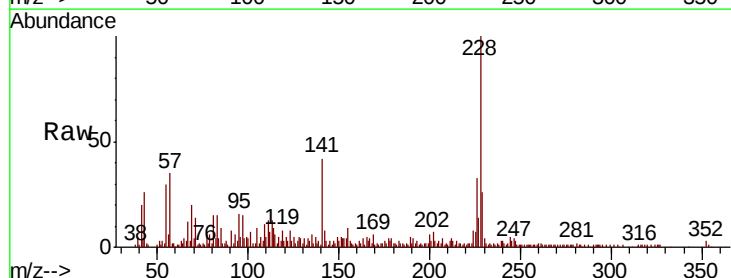
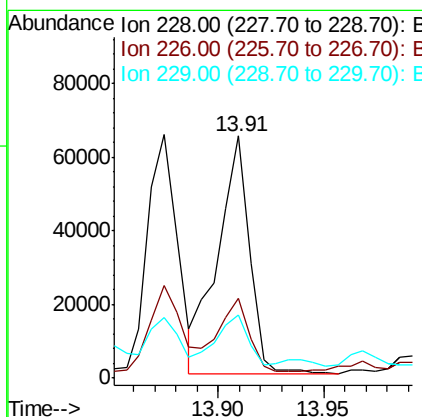
RT: 13.91 min Scan# 2010

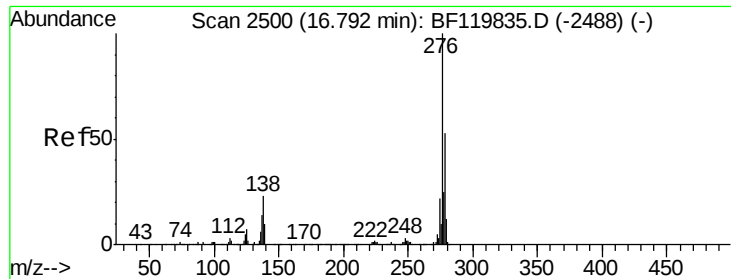
Delta R.T. -0.02 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Tgt Ion:	228	Resp:	67983
Ion Ratio	Lower	Upper	
228	100		
226	33.1	24.2	36.2
229	26.1	15.9	23.9#





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.467 ng

RT: 16.69 min Scan# 2482

Delta R.T. -0.04 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Instrument :

BNA_F

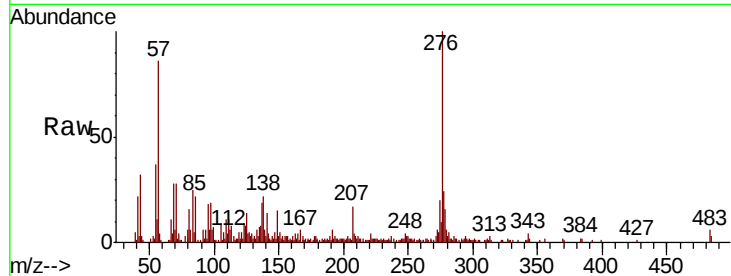
ClientSampled :

WB-4-1

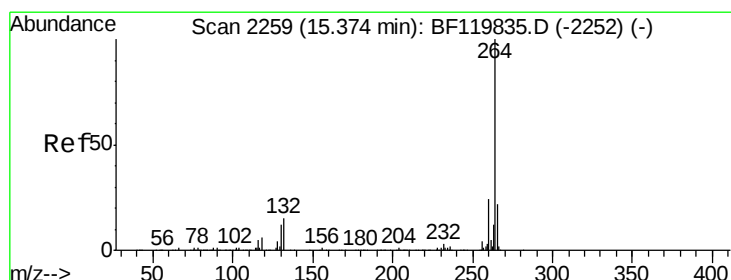
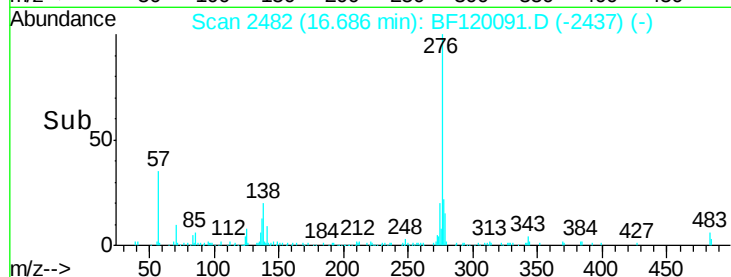
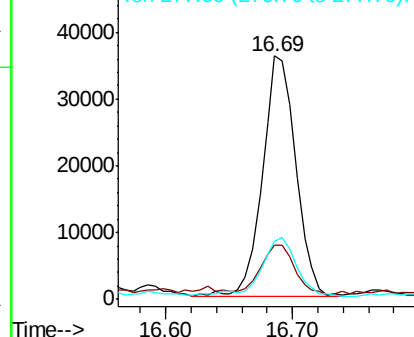
Tot Ion:	276	Resp:	65451
Ion Ratio	Lower	Upper	
276	100		
138	21.7	18.0	27.0
277	26.9	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

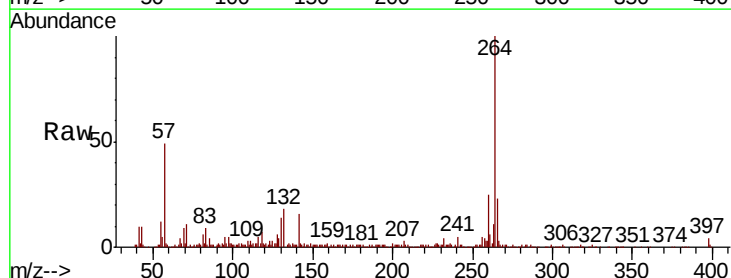
RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

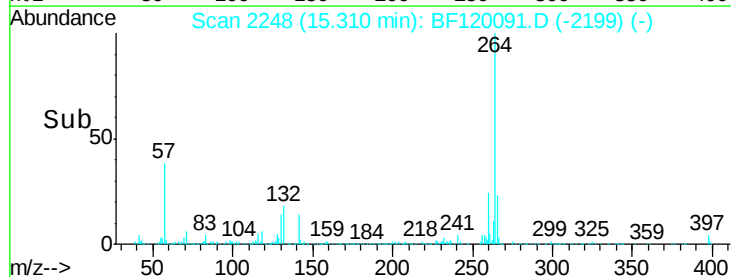
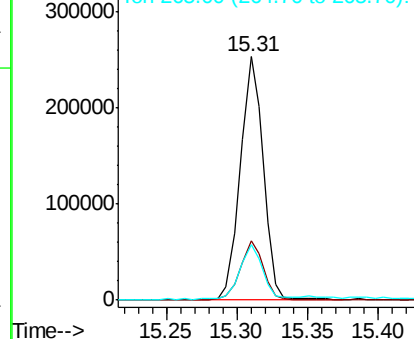
Lab File: BF120091.D

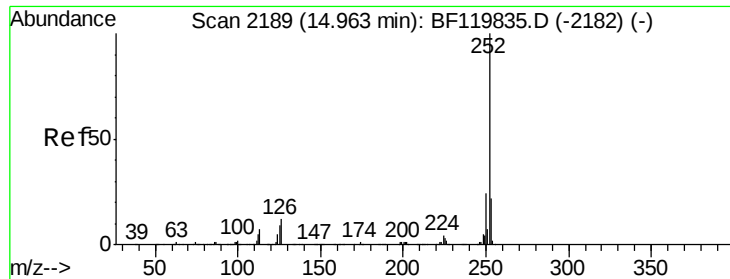
Acq: 20 Apr 2020 21:24

Tgt Ion:	264	Resp:	286058
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.3	28.9
265	22.9	17.6	26.4



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





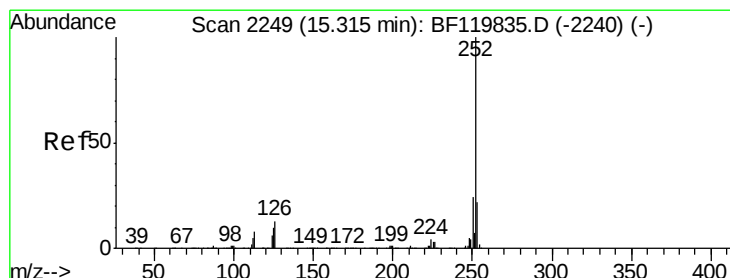
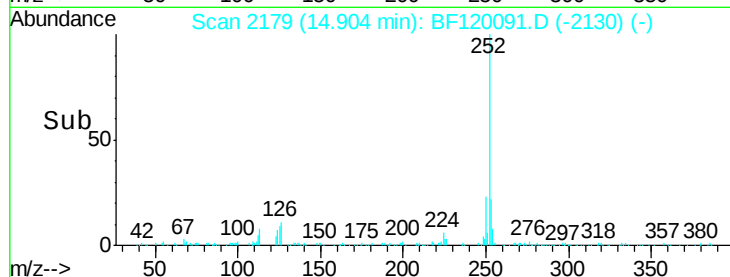
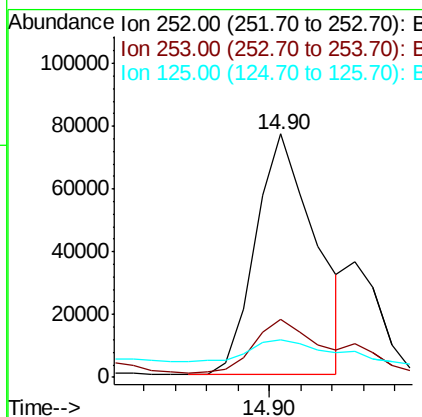
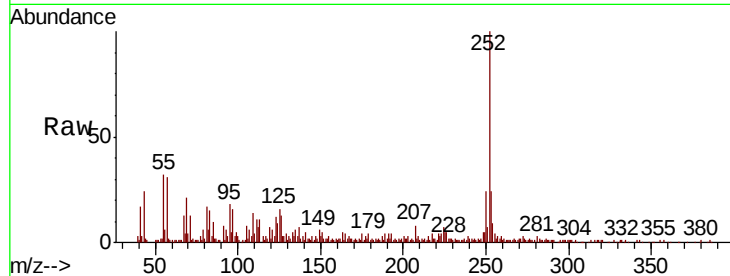
#88
Benzo(b)fluoranthene
Concen: 4.947 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Instrument :
BNA_F
ClientSampleId :
WB-4-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	15.6	7.4	11.2

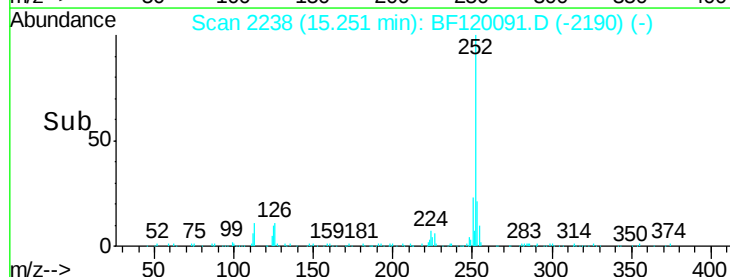
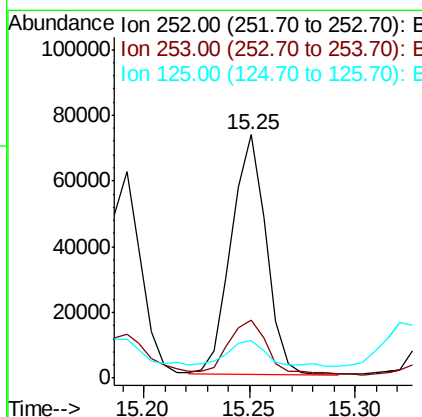
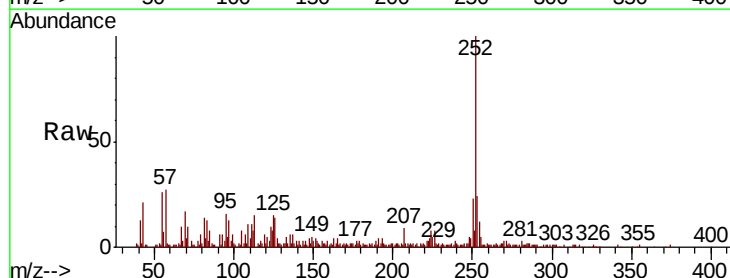
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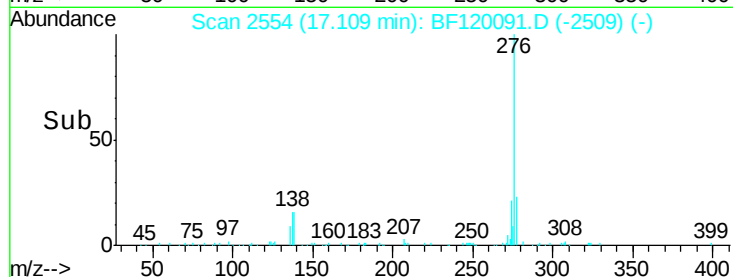
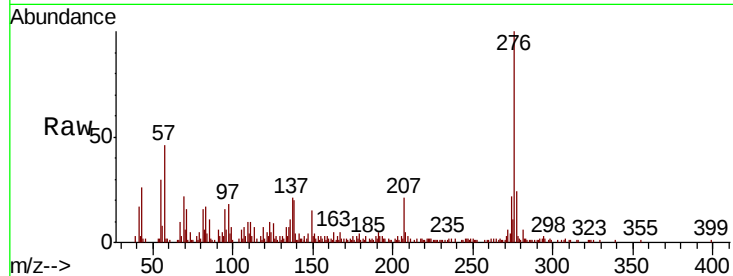
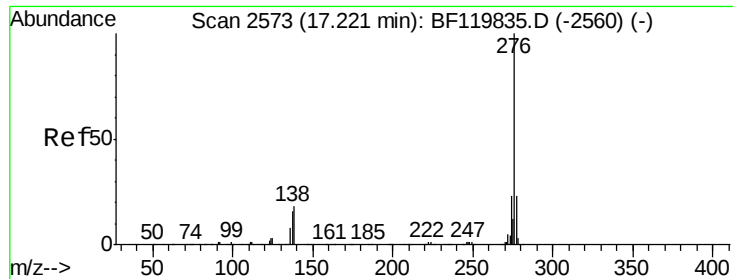
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#90
Benzo(a)pyrene
Concen: 4.799 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BF120091.D
Acq: 20 Apr 2020 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	15.4	8.3	12.5





#92

Benzo(a,h,i)perylene

Concen: 4.729 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.04 min

Lab File: BF120091.D

Acq: 20 Apr 2020 21:24

Tot Ion:	276	Resp:	71549
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.5	27.7
138	19.7	14.6	22.0

Instrument :

BNA_F

ClientSampleId :

WB-4-1

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