

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120390.D
 Acq On : 21 May 2020 19:26
 Operator : MA/SJ
 Sample : L2728-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239998

Manual Integrations
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Quant Time: May 22 02:00:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 14:56:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	201318	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	860054	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	413693	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	808796	20.00	ng	0.00
76) Chrysene-d12	13.74	240	497080	20.00	ng	0.00
87) Perylene-d12	15.13	264	391771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	948069	91.63	ng	0.00
7) Phenol-d6	6.24	99	1277149	97.61	ng	-0.01
23) Nitrobenzene-d5	7.16	82	775877	61.77	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	315183	93.44	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1481757	73.59	ng	0.00
79) Terphenyl-d14	12.70	244	1619601	71.98	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.35	163	141177	5.398	ng	100
71) Phenanthrene	11.13	178	162282	4.775	ng	98
75) Fluoranthene	12.32	202	591073	16.226	ng	97
78) Pyrene	12.55	202	691590	19.516	ng	99
81) Benzo(a)anthracene	13.73	228	242366m	9.244	ng	
83) Chrysene	13.77	228	261481m	9.288	ng	
88) Benzo(b)fluoranthene	14.74	252	266321m	12.447	ng	
89) Benzo(k)fluoranthene	14.77	252	91019m	4.910	ng	
90) Benzo(a)pyrene	15.07	252	119995	6.254	ng	99
92) Benzo(g,h,i)perylene	16.83	276	34939	2.038	ng	93

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

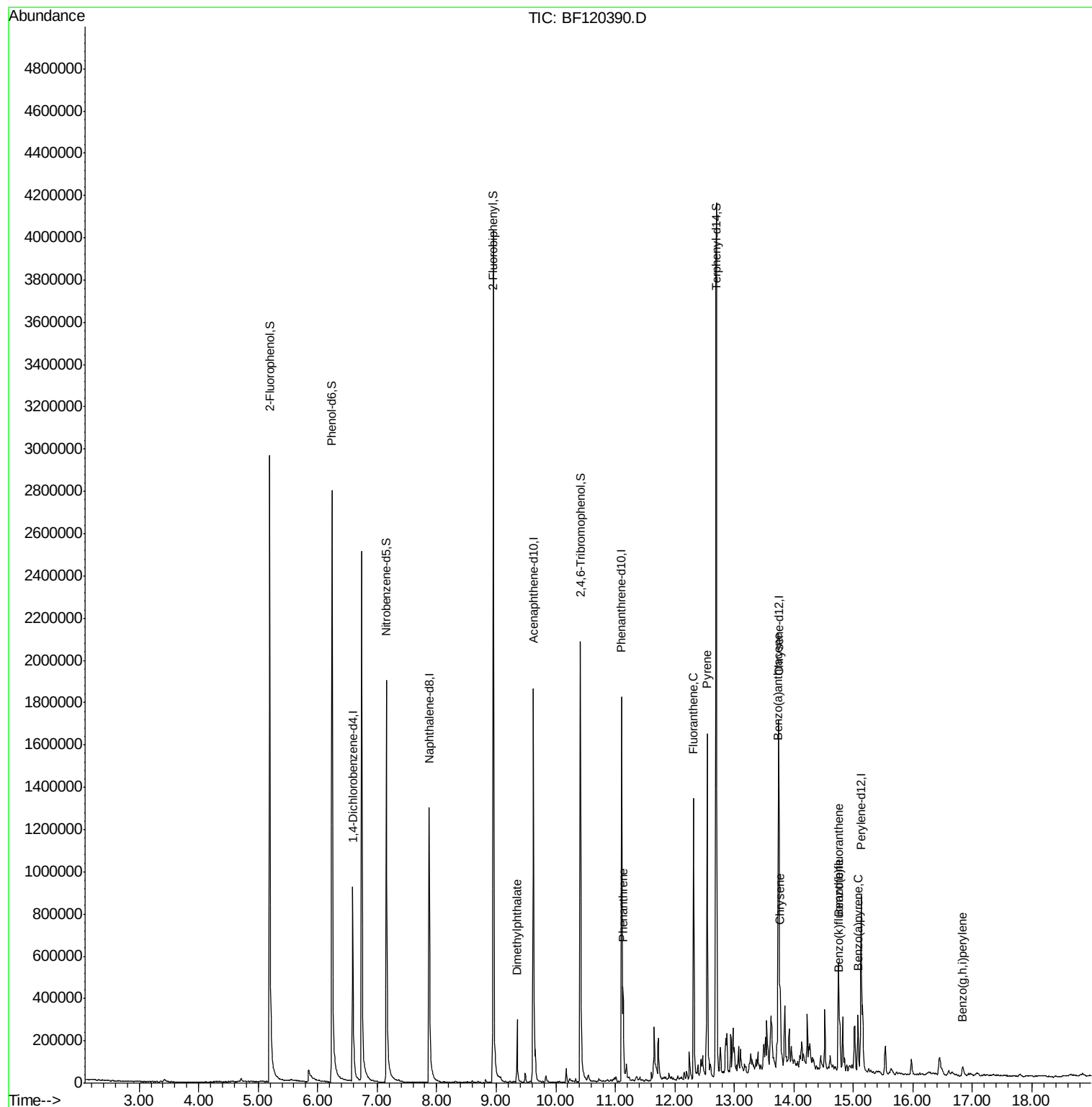
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120390.D
Acq On : 21 May 2020 19:26
Operator : MA/SJ
Sample : L2728-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

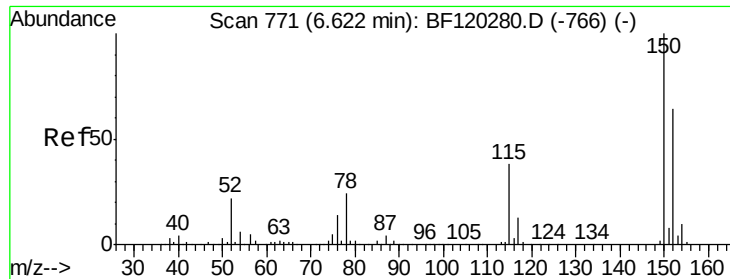
Instrument :
BNA_F
ClientSampleId :
239998

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Quant Time: May 22 02:00:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 14:56:56 2020
Response via : Initial Calibration





#1

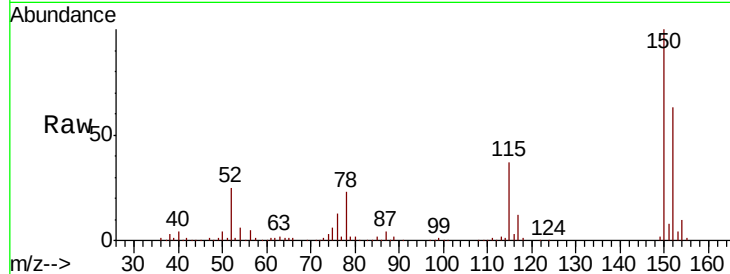
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	58.9	47.9	71.9

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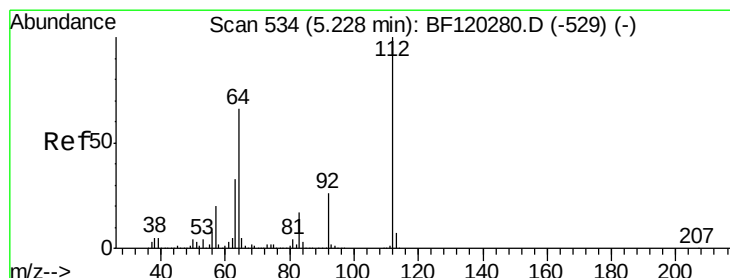
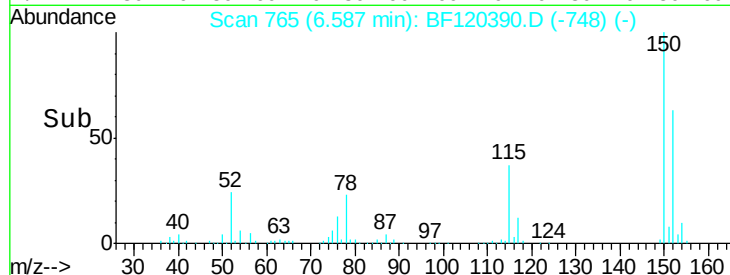
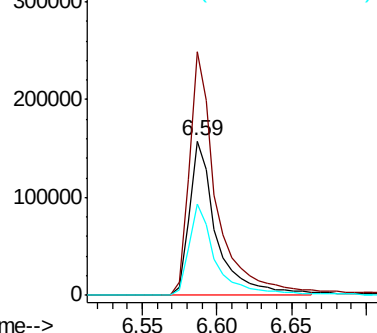


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

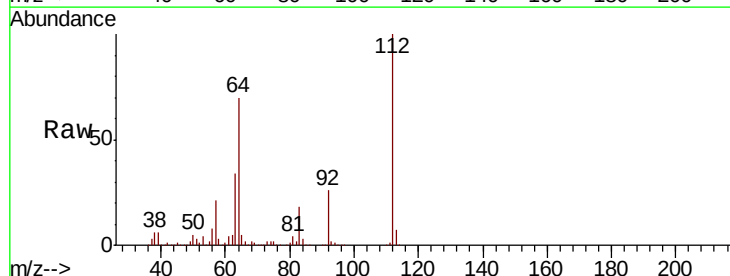
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.629 ng
RT: 5.19 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.7	79.1
63	34.1	26.2	39.4

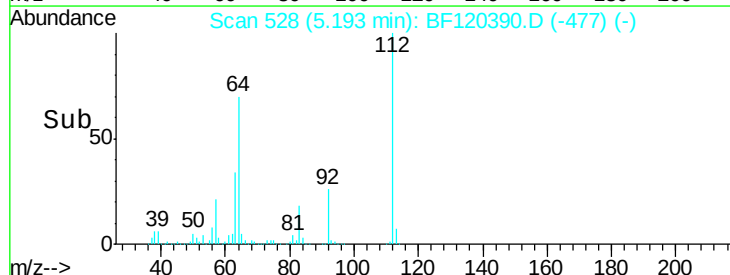
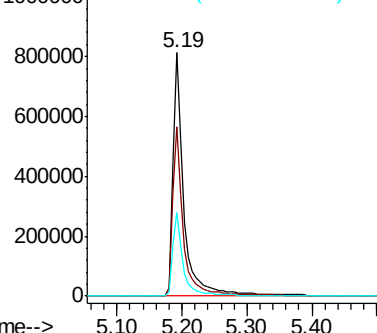


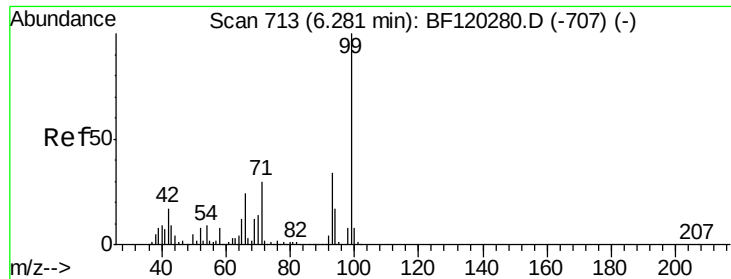
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.608 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF120390.D

Acq: 21 May 2020 19:26

Instrument :

BNA_F

ClientSampleId :

239998

Tot Ion: 99 Resp: 1277149

Ion Ratio Lower Upper

99 100

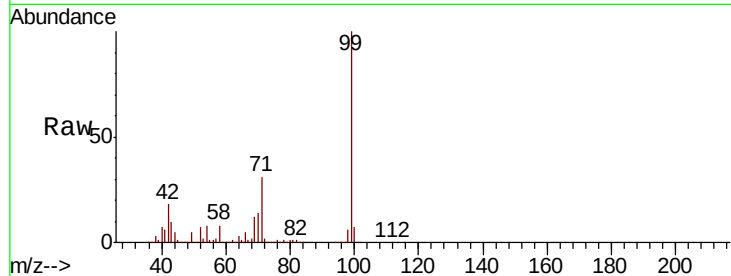
42 18.5 13.6 20.4

71 31.2 24.2 36.4

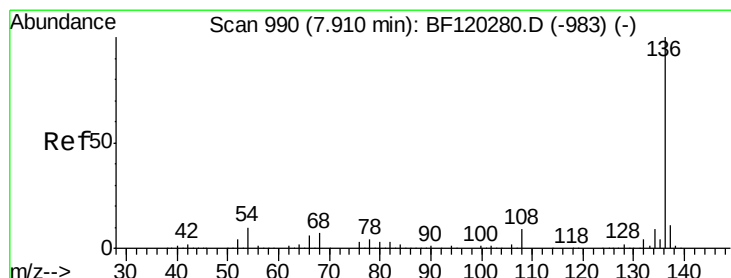
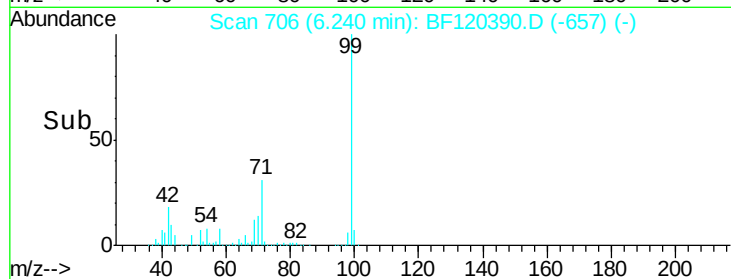
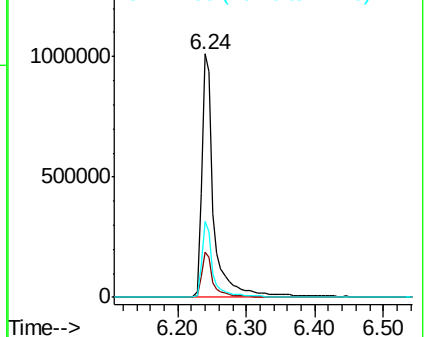
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF120390.D

Acq: 21 May 2020 19:26

Tgt Ion: 136 Resp: 860054

Ion Ratio Lower Upper

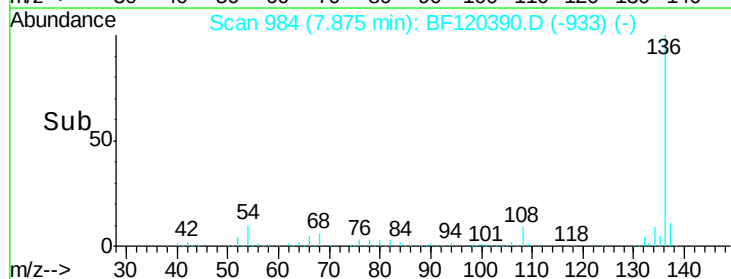
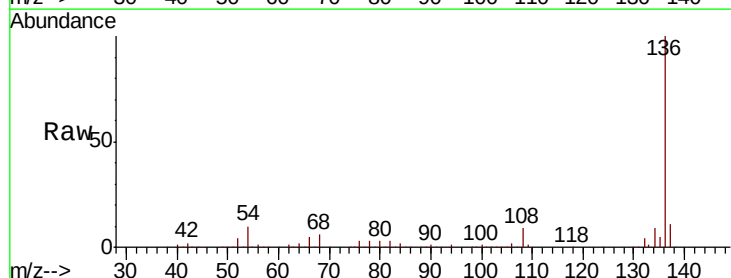
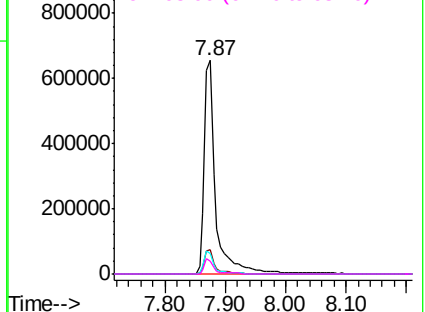
136 100

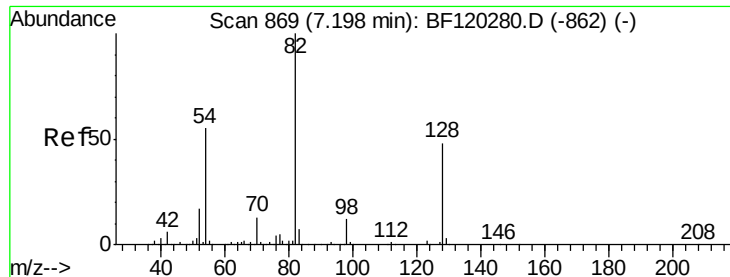
137 11.2 9.1 13.7

54 9.8 7.9 11.9

68 6.1 5.4 8.2

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





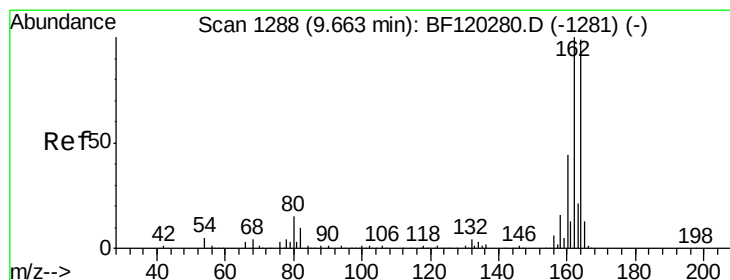
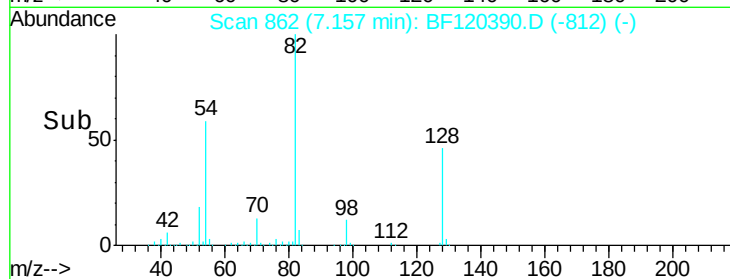
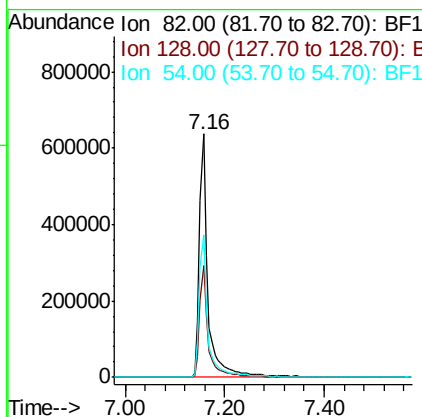
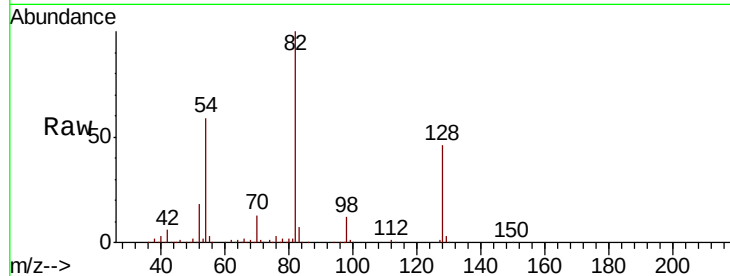
#23
Nitrobenzene-d5
Concen: 61.765 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	38.3	57.5
54	58.7	43.9	65.9

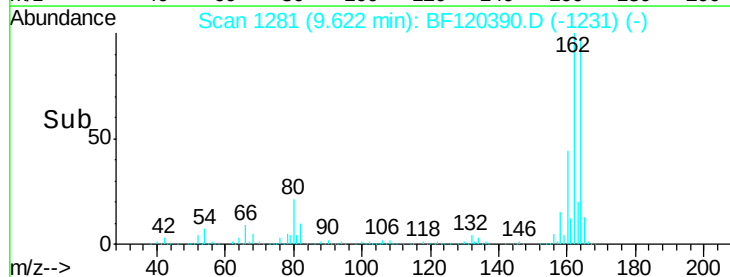
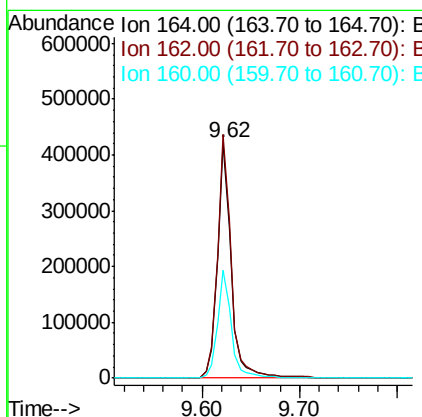
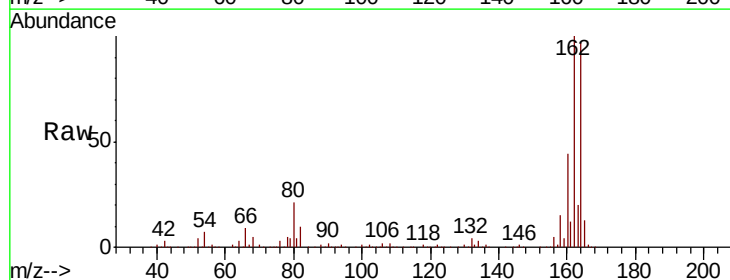
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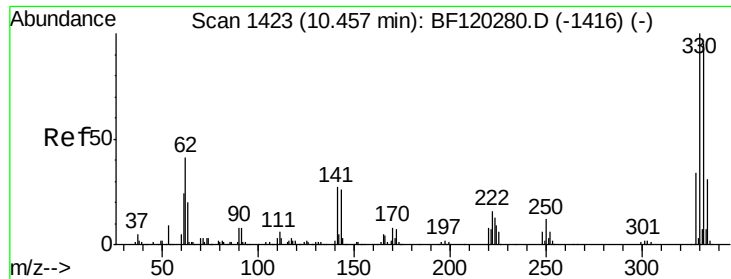
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.2	121.8
160	45.7	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 93.442 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF120390.D

Acq: 21 May 2020 19:26

Instrument :

BNA_F

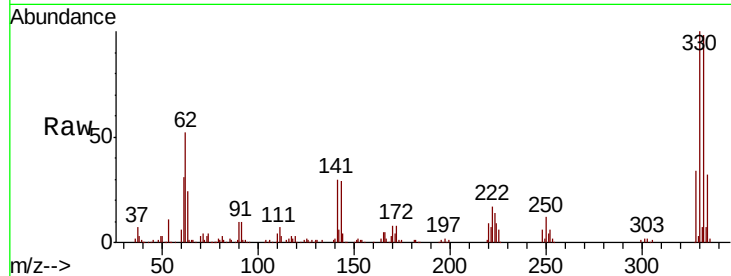
ClientSampled :

239998

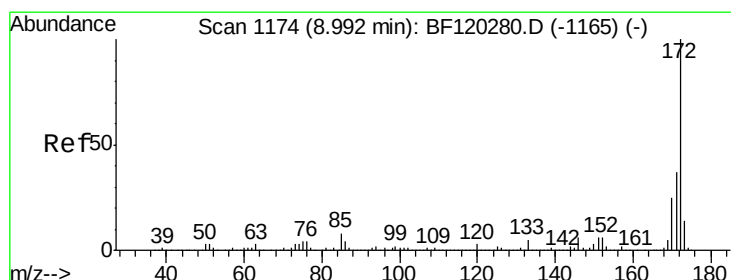
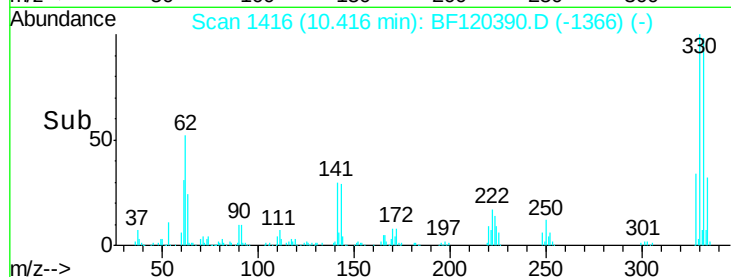
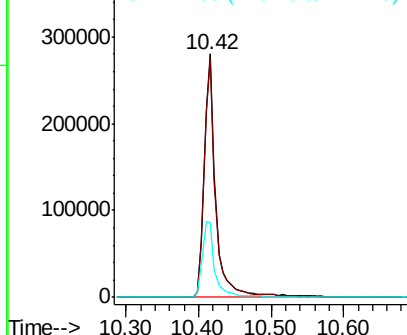
Tot Ion:	330	Resp:	315183
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.5	114.7
141	33.6	25.4	38.0

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 73.587 ng

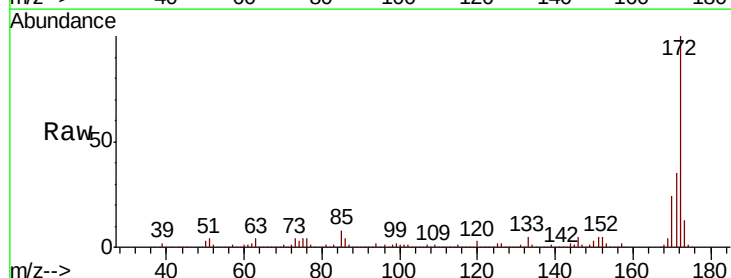
RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

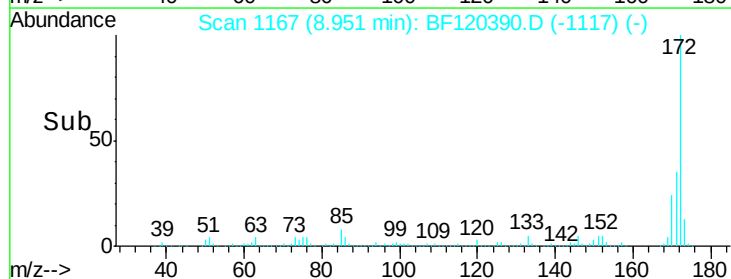
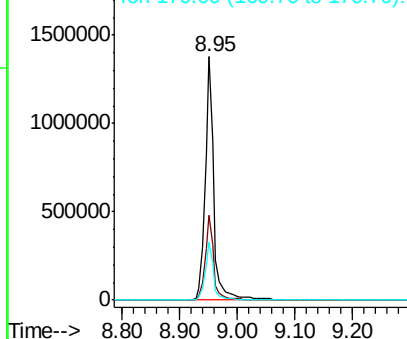
Lab File: BF120390.D

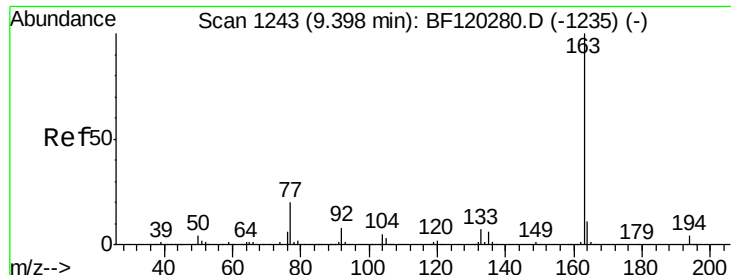
Acq: 21 May 2020 19:26

Tgt Ion:	172	Resp:	1481757
Ion Ratio	Lower	Upper	
172	100		
171	34.7	29.7	44.5
170	23.9	19.9	29.9



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





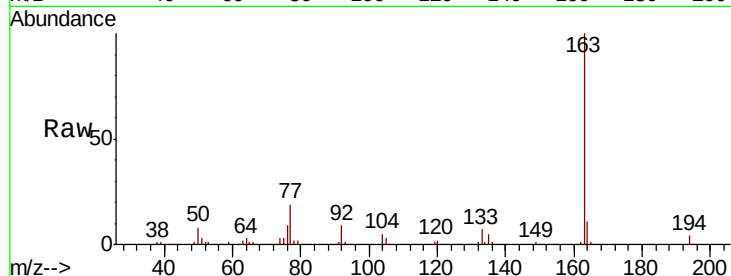
#50
Dimethylphthalate
Concen: 5.398 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampled :
239998

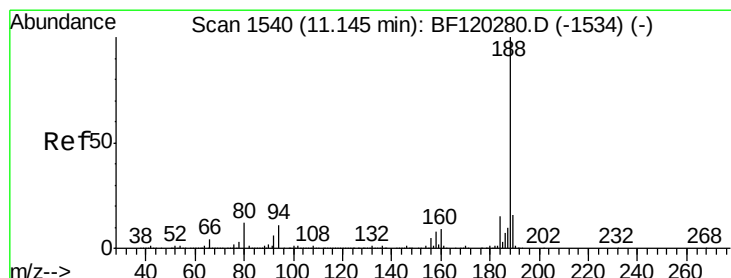
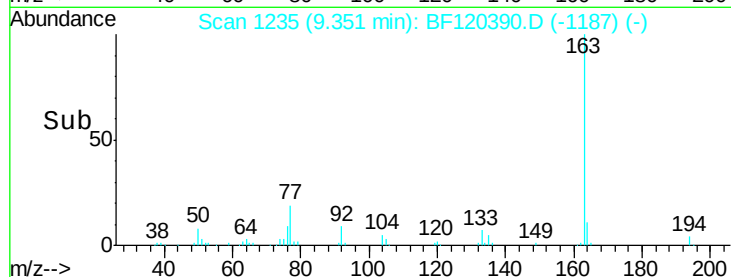
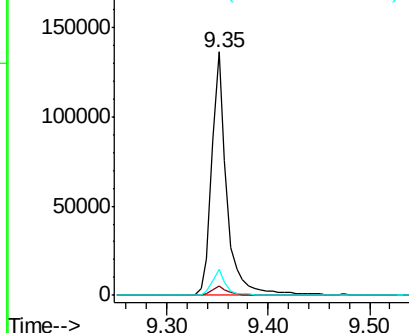
Tot Ion	Ratio	Resp	Lower	Upper
163	100	141177		
194	4.1	3.1	4.7	
164	10.6	8.6	12.8	

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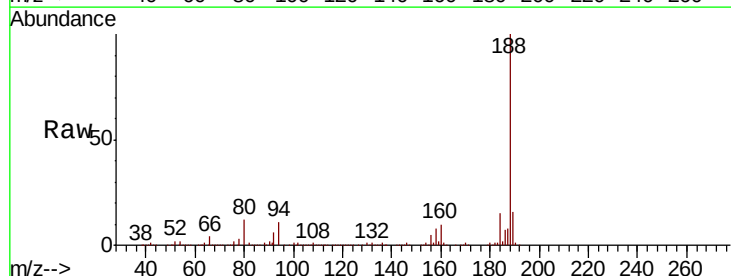


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

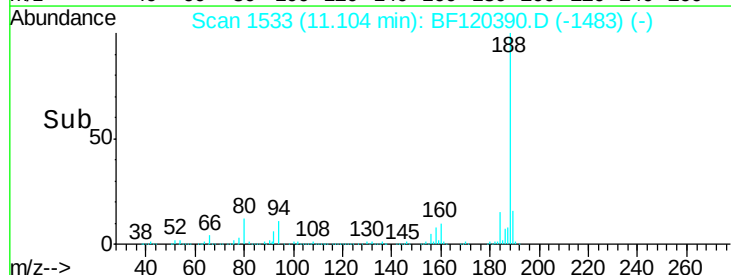
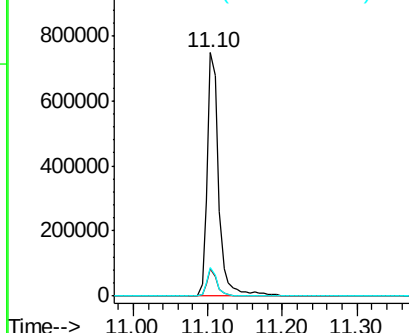


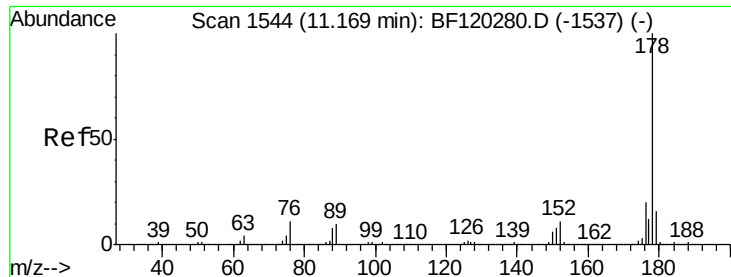
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	808796		
94	11.2	8.6	13.0	
80	11.9	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





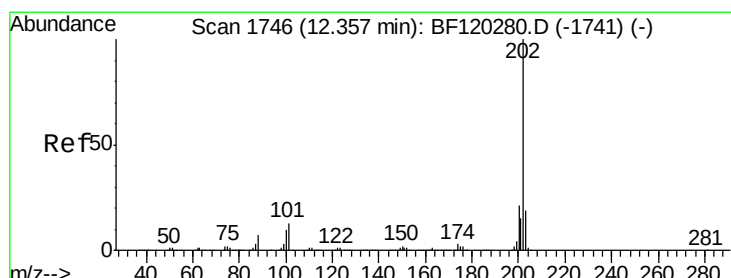
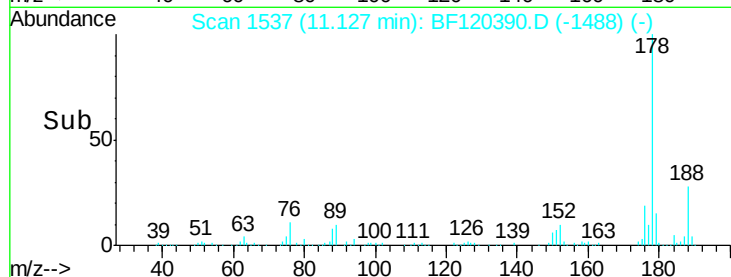
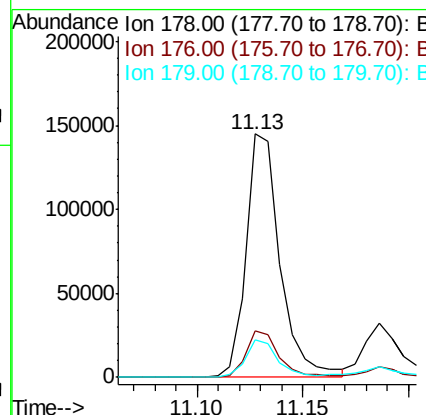
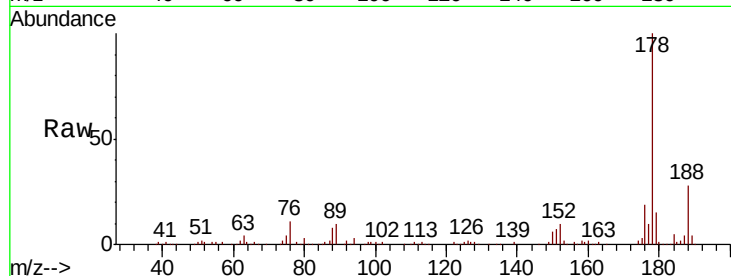
#71
Phenanthrene
Concen: 4.775 ng
RT: 11.13 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.1	15.8	23.8		
179	15.3	12.8	19.2		

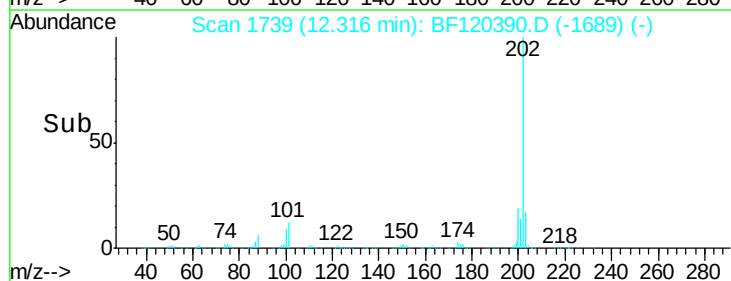
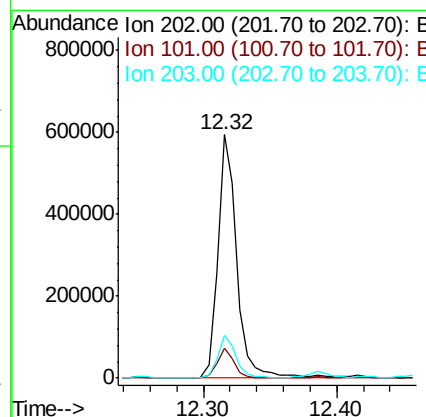
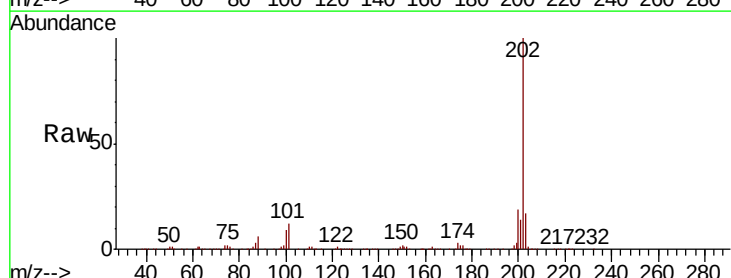
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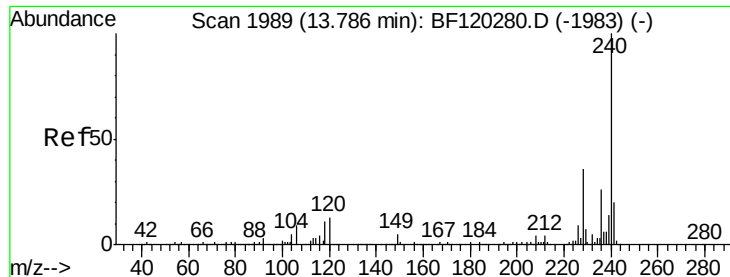
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#75
Fluoranthene
Concen: 16.226 ng
RT: 12.32 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.1	0.0	33.2		
203	17.4	0.0	39.1		





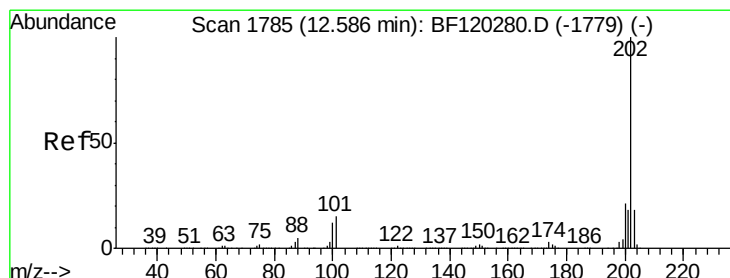
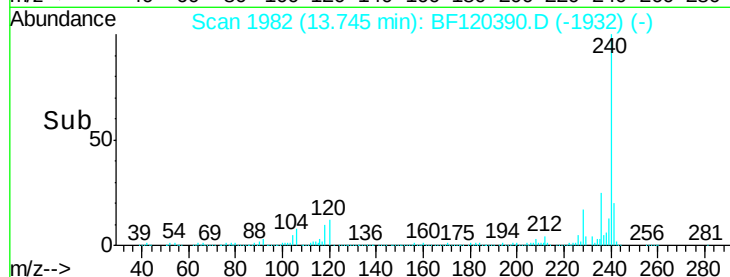
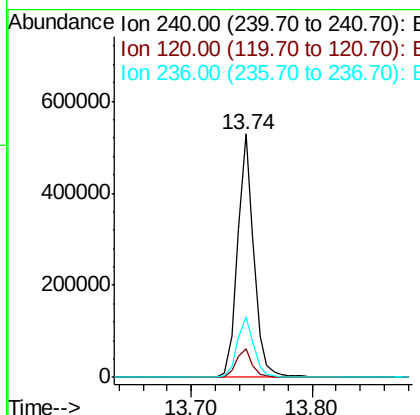
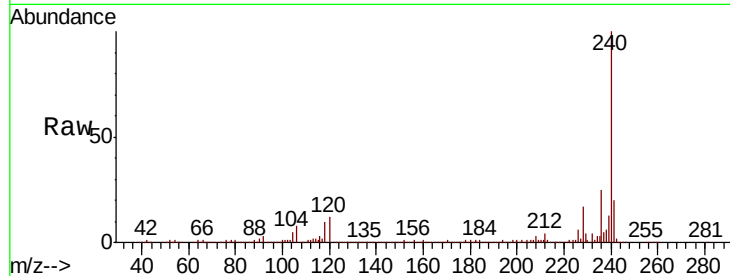
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.4	15.6
236	24.9	21.0	31.6

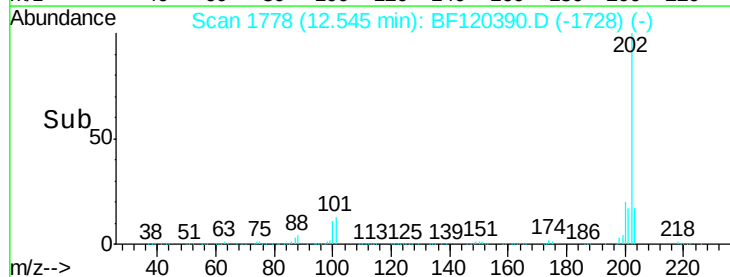
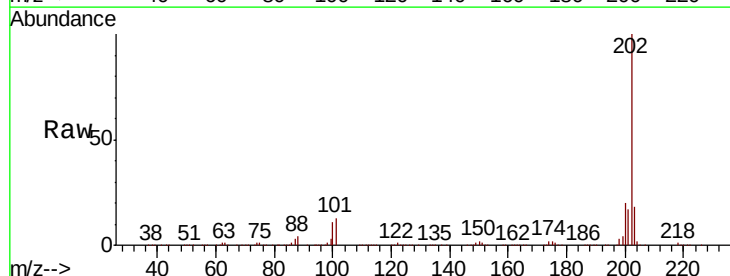
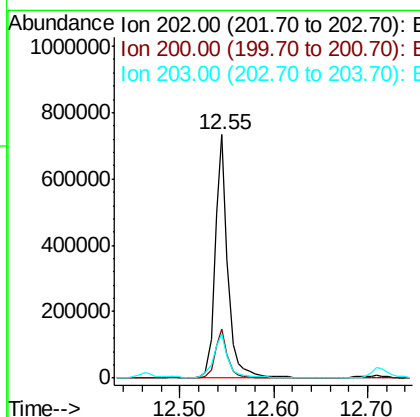
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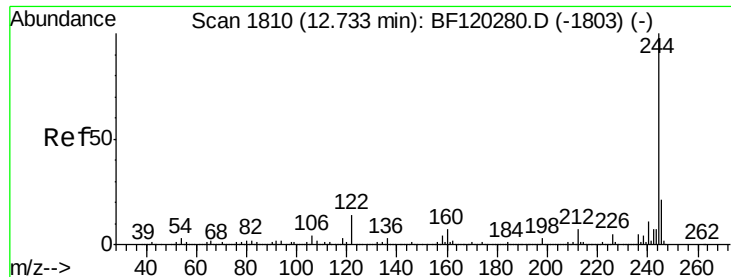
mohammad
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#78
Pyrene
Concen: 19.516 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	25.0
203	18.0	14.6	22.0





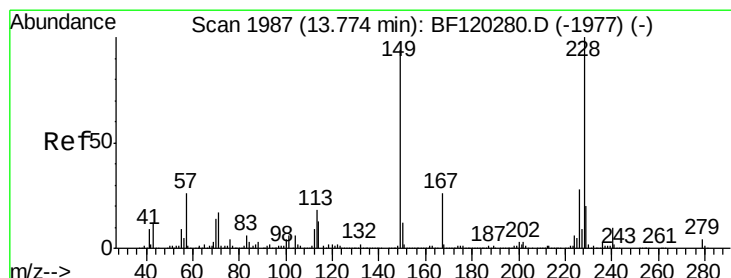
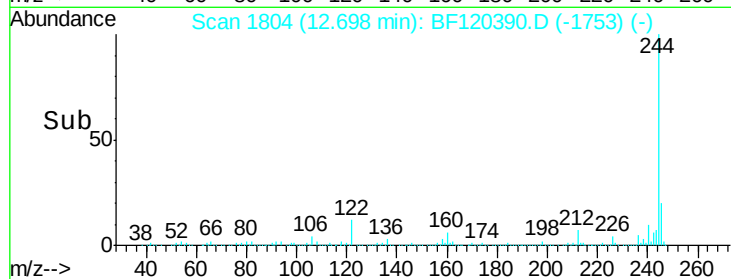
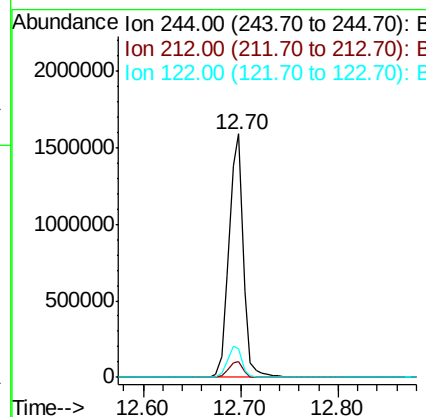
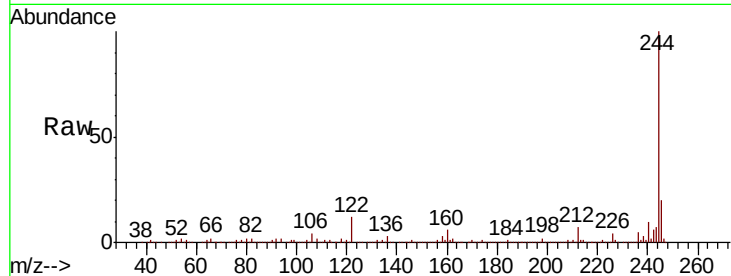
#79
 Terphenyl-d14
 Concen: 71.981 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF120390.D
 Acq: 21 May 2020 19:26

Instrument :
 BNA_F
 ClientSampleId :
 239998

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	11.9	10.8	16.2

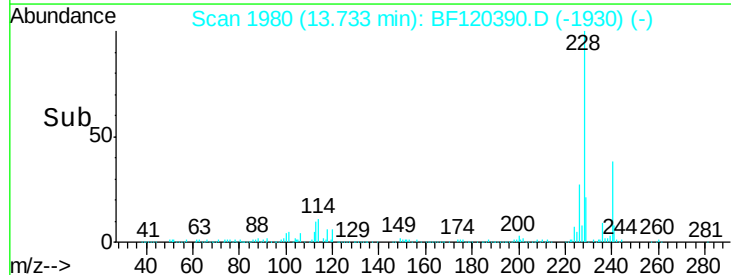
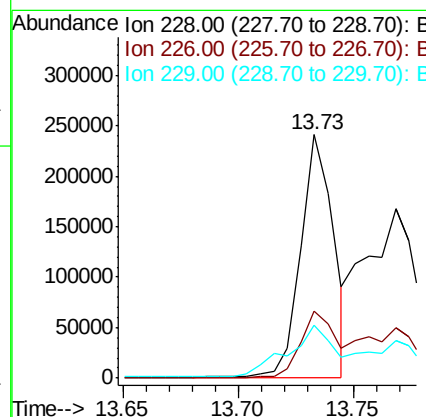
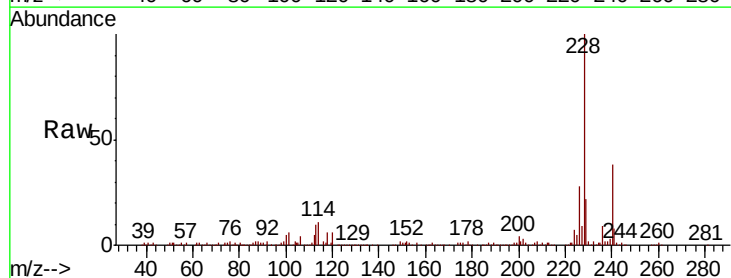
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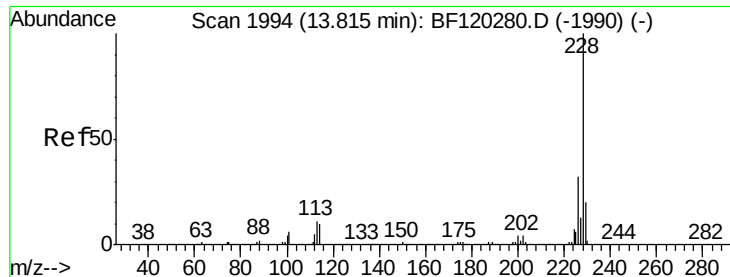
mohammad
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#81
 Benzo(a)anthracene
 Concen: 9.244 ng m
 RT: 13.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BF120390.D
 Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	21.6	16.4	24.6





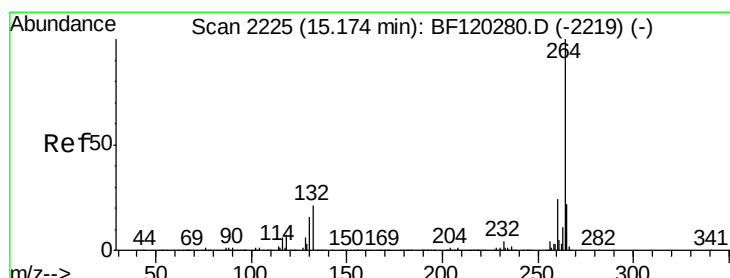
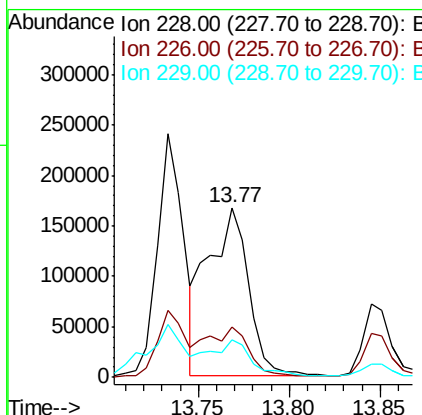
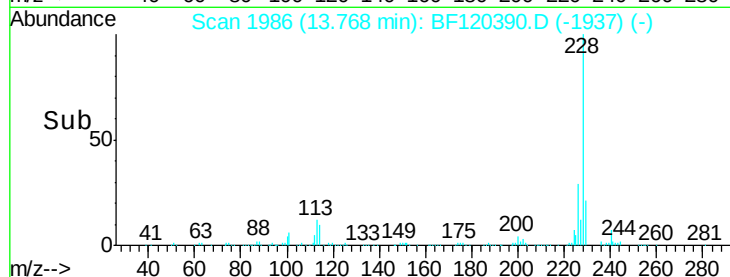
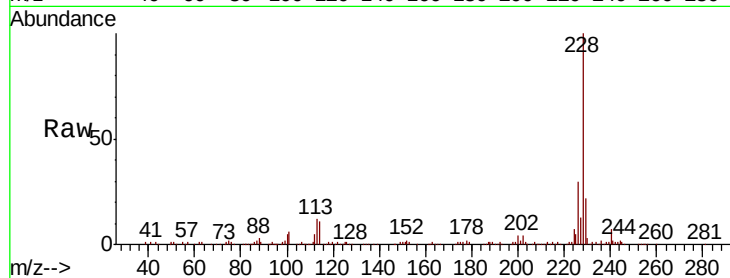
#83
 Chrysene
 Concen: 9.288 ng/mL
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF120390.D
 Acq: 21 May 2020 19:26

Instrument :
 BNA_F
 ClientSampleId :
 239998

Tot Ion:	228	Resp:	261481
Ion Ratio	Lower	Upper	
228	100		
226	29.7	25.0	37.6
229	22.4	16.2	24.4

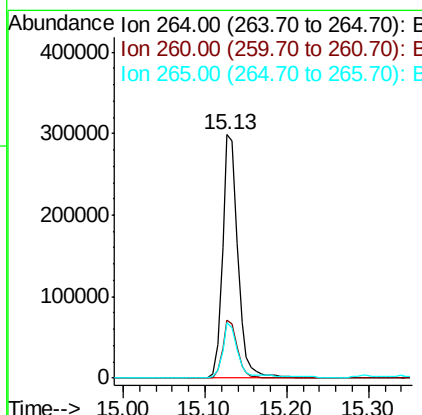
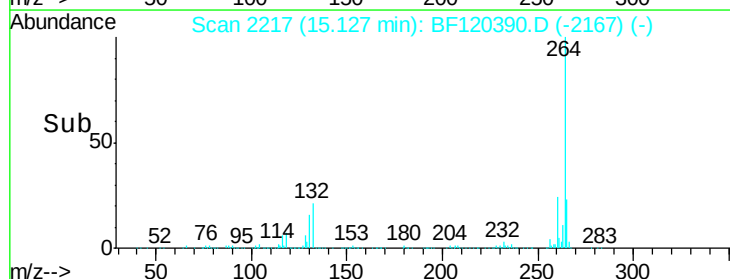
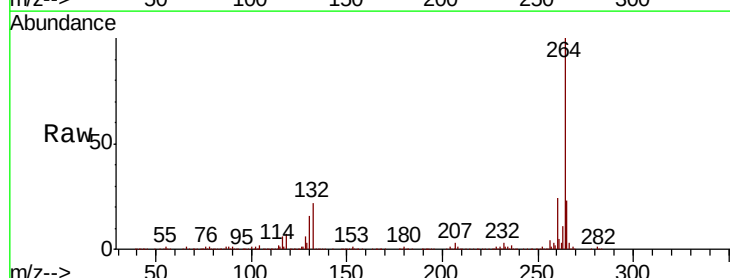
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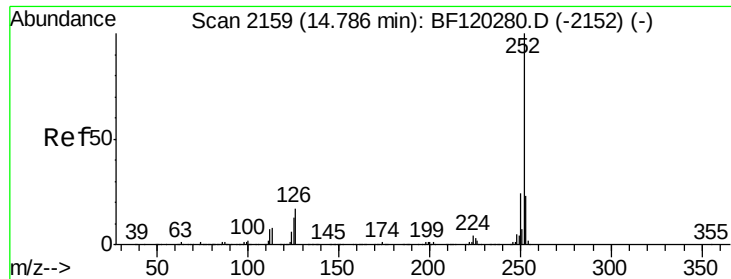
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.13 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF120390.D
 Acq: 21 May 2020 19:26

Tgt Ion:	264	Resp:	391771
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.0	28.6
265	22.7	17.5	26.3





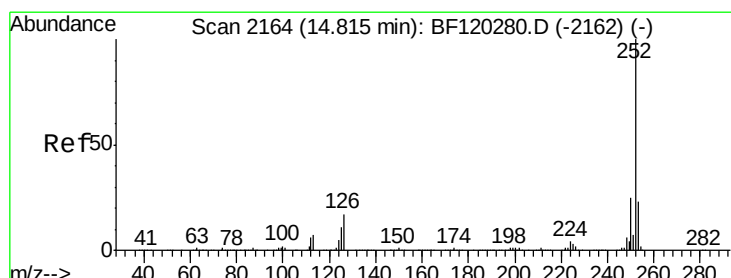
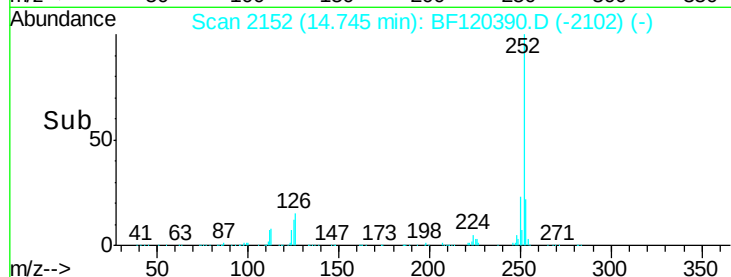
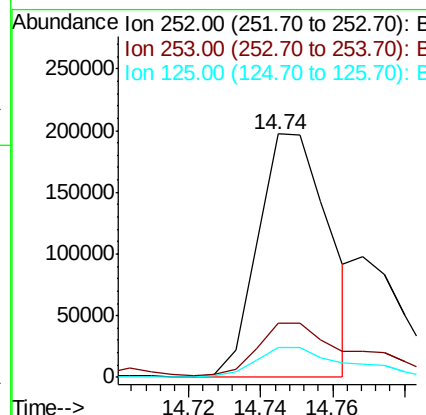
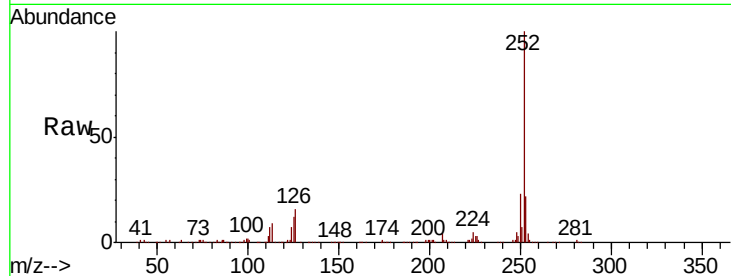
#88
Benzo(b)fluoranthene
Concen: 12.447 ng m
RT: 14.74 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.2	10.4	15.6

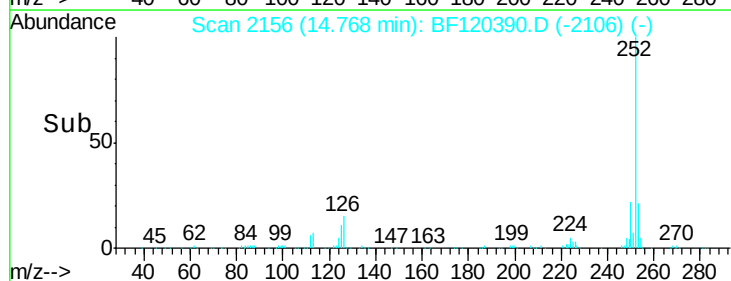
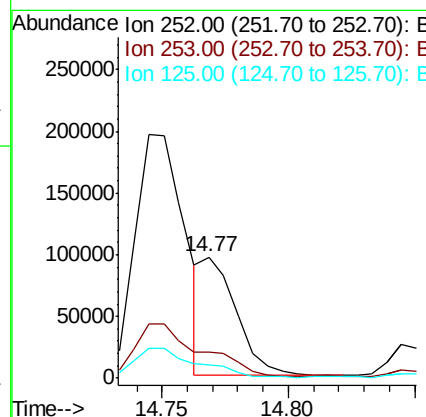
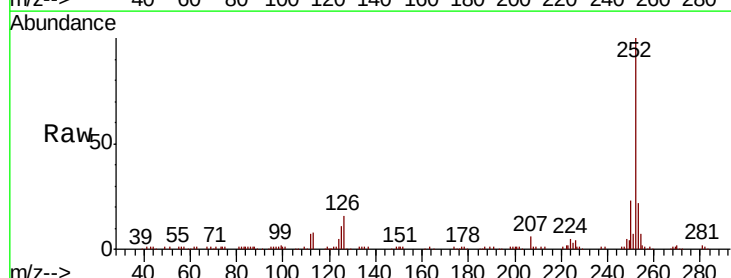
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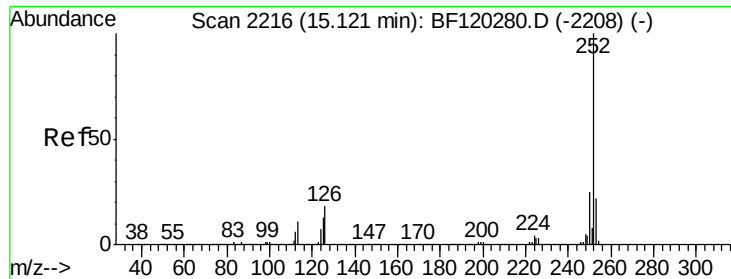
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#89
Benzo(k)fluoranthene
Concen: 4.910 ng m
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	11.5	9.9	14.9





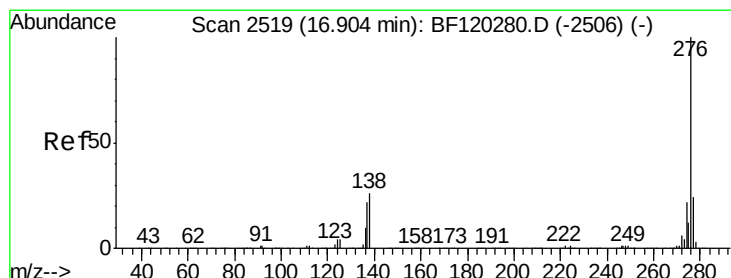
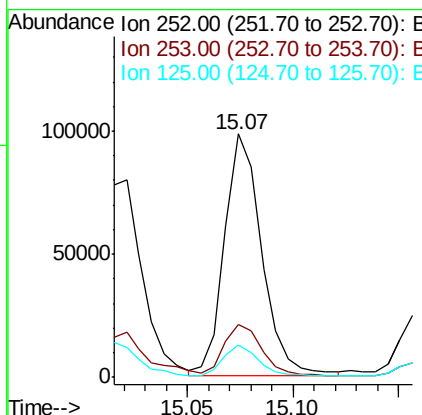
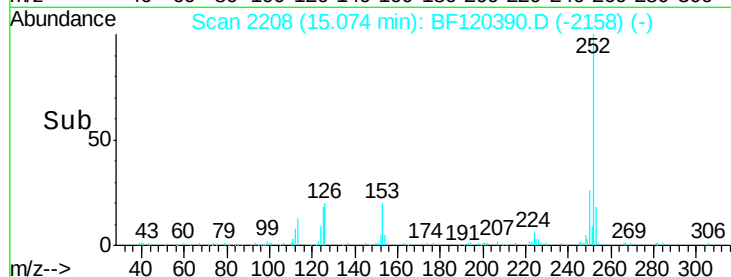
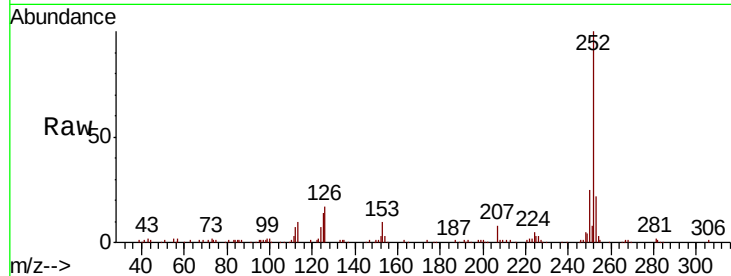
#90
Benzo(a)pyrene
Concen: 6.254 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Instrument :
BNA_F
ClientSampleId :
239998

Tot Ion:	252	Resp:	119995
Ion Ratio		Lower	Upper
252	100		
253	21.5	17.6	26.4
125	13.5	10.6	16.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.038 ng
RT: 16.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BF120390.D
Acq: 21 May 2020 19:26

Tgt Ion:	276	Resp:	34939
Ion Ratio		Lower	Upper
276	100		
277	26.9	19.1	28.7
138	22.4	20.8	31.2

