

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120351.D
 Acq On : 18 May 2020 19:33
 Operator : MA/SJ
 Sample : L2506-08 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Manual Integrations
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Quant Time: May 19 05:23:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	271676	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1042270	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	541290	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1059126	20.00	ng	0.00
76) Chrysene-d12	13.76	240	522167	20.00	ng	0.00
87) Perylene-d12	15.14	264	587815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	886206	63.47	ng	0.00
7) Phenol-d6	6.26	99	1146685	64.94	ng	0.00
23) Nitrobenzene-d5	7.17	82	664115	43.63	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	254182	57.59	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	1246339	47.30	ng	0.00
79) Terphenyl-d14	12.71	244	1309854	55.42	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.36	163	201719	5.895	ng	100
71) Phenanthrene	11.14	178	360249	8.095	ng	100
72) Anthracene	11.20	178	121772	2.556	ng	99
75) Fluoranthene	12.33	202	462590	9.698	ng	97
78) Pyrene	12.56	202	487610	13.099	ng	98
81) Benzo(a)anthracene	13.74	228	184726	6.707	ng	100
83) Chrysene	13.78	228	164800	5.573	ng	97
86) Indeno(1,2,3-cd)pyrene	16.46	276	79365	2.957	ng	97
88) Benzo(b)fluoranthene	14.76	252	211768m	6.597	ng	
89) Benzo(k)fluoranthene	14.78	252	66777m	2.401	ng	
90) Benzo(a)pyrene	15.09	252	172950	6.007	ng	98
92) Benzo(a,h,i)perylene	16.84	276	70931	2.758	ng	97

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

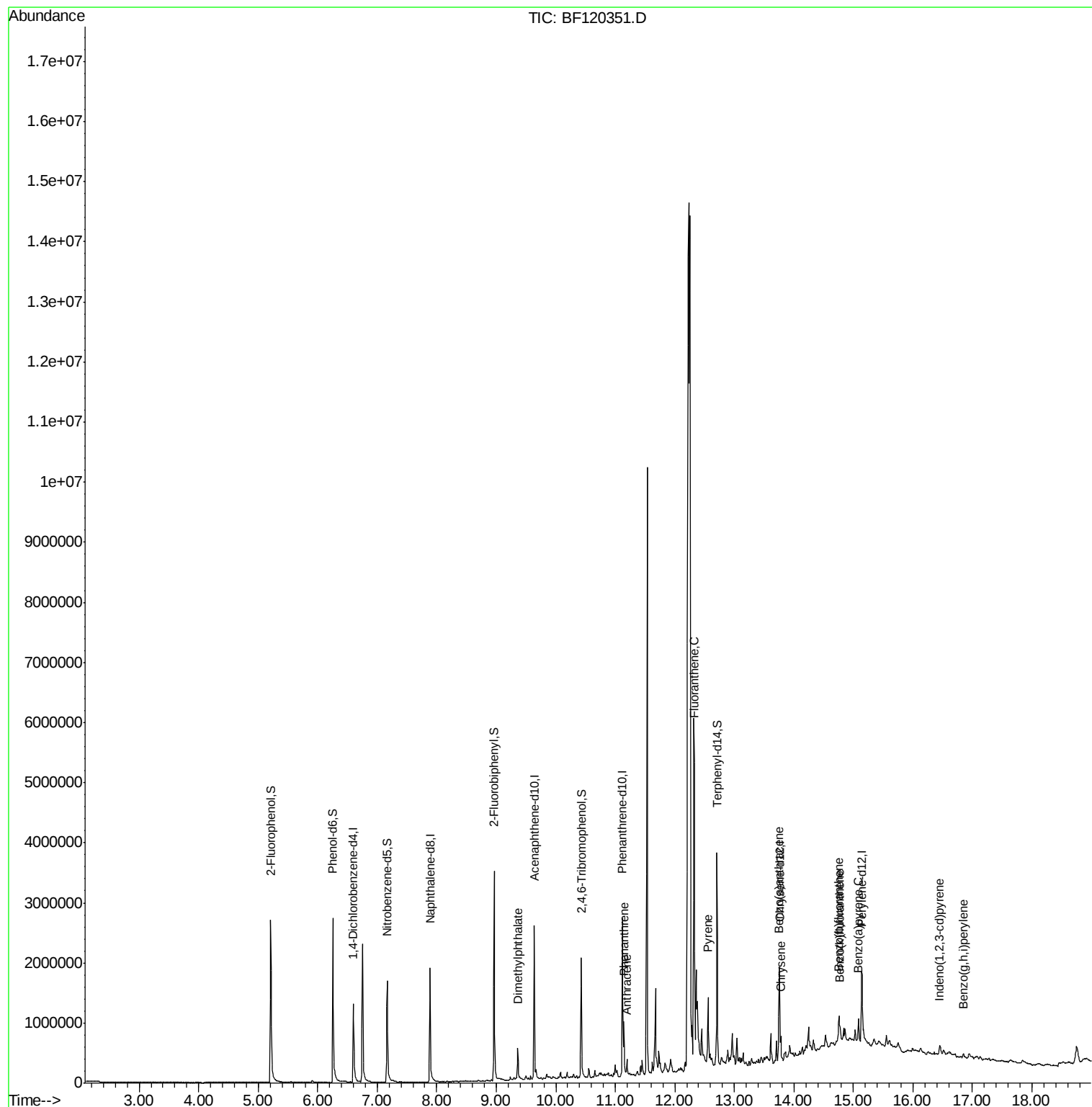
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
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ALS Vial : 14 Sample Multiplier: 1

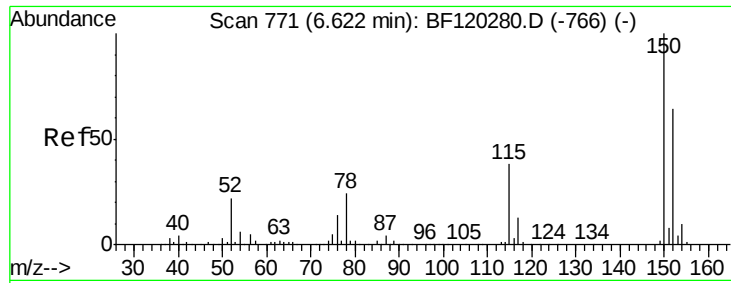
Instrument :
BNA_F
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TR-05-051520

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

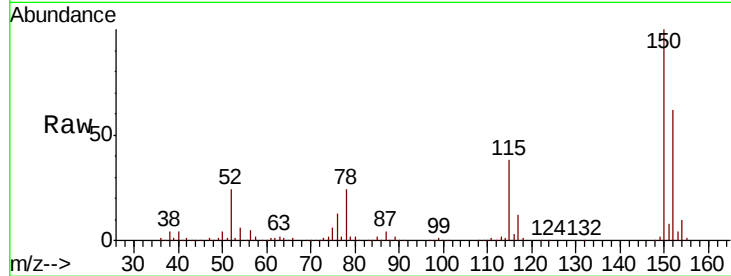
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	61.5	47.9	71.9

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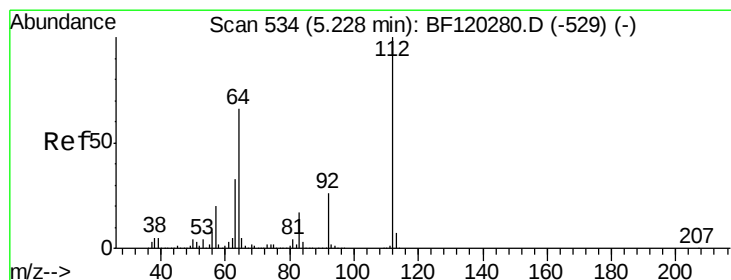
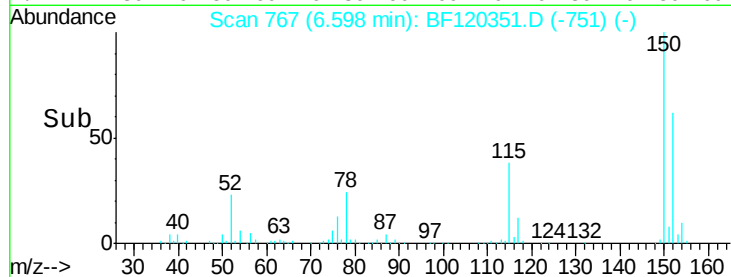
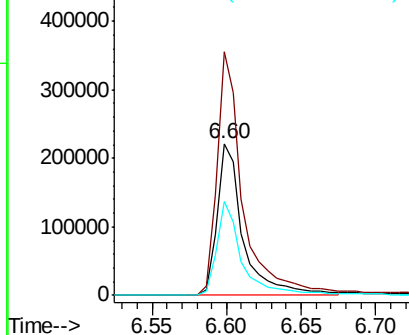


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

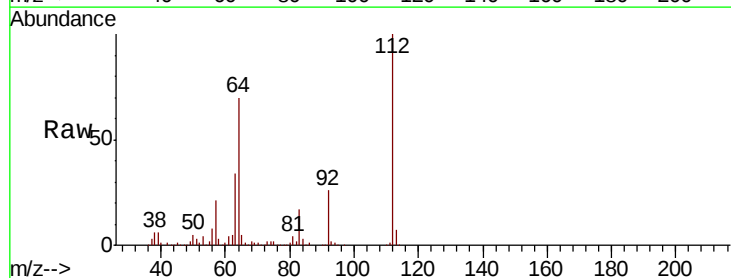
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.469 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.7	79.1
63	33.8	26.2	39.4

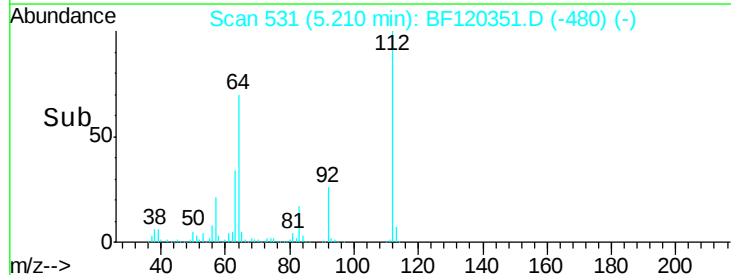
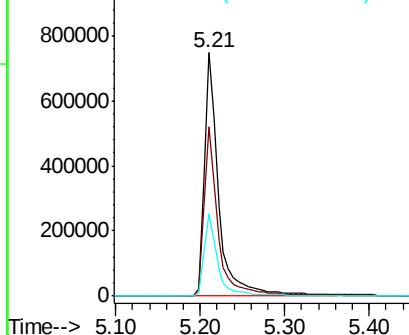


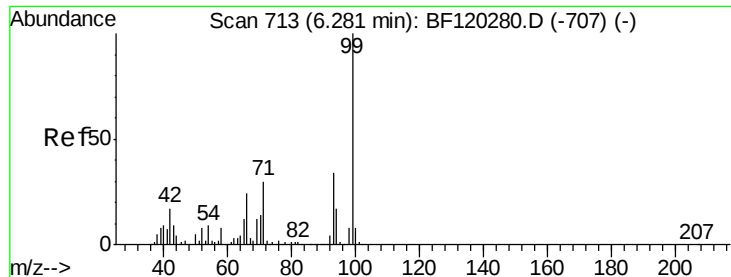
Abundance

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: 64.941 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Instrument :

BNA_F

ClientSampleId :

TR-05-051520

Tot Ion: 99 Resp: 1146685

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

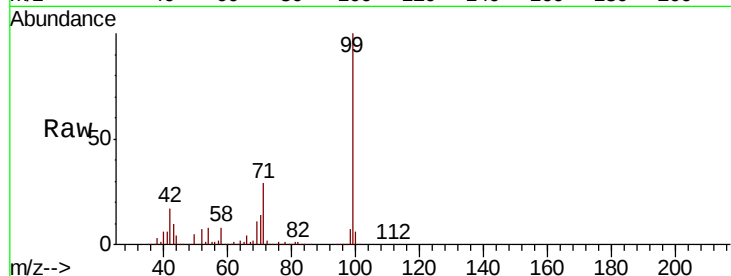
71 29.2 24.2 36.4

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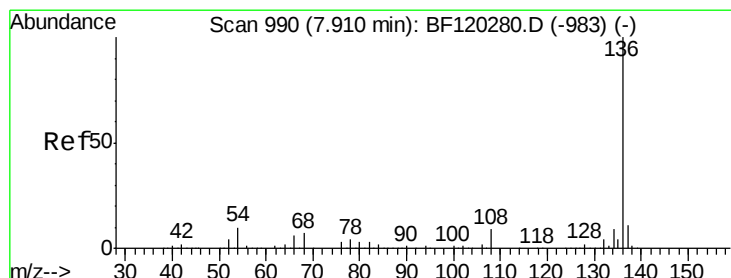
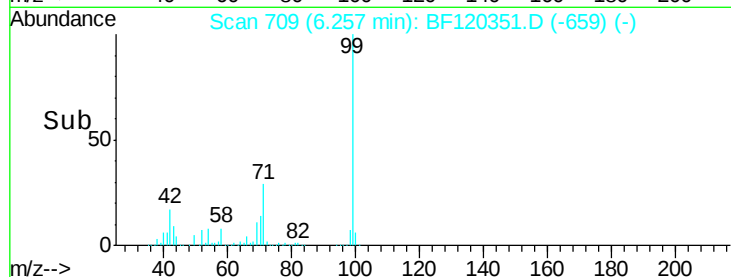
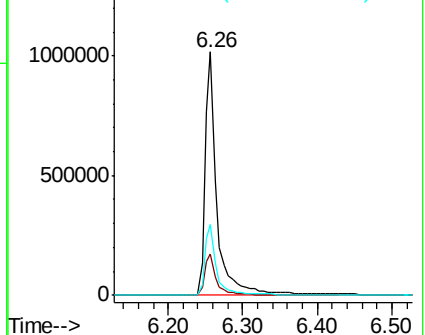
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Tgt Ion: 136 Resp: 1042270

Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 10.2 7.9 11.9

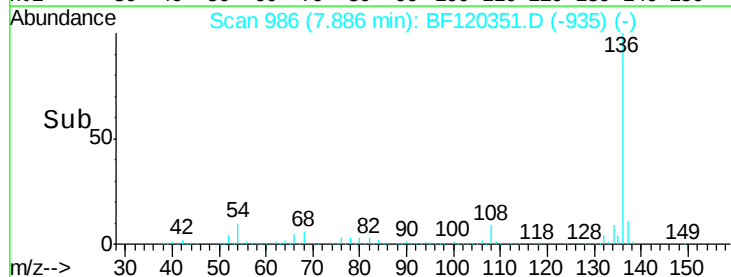
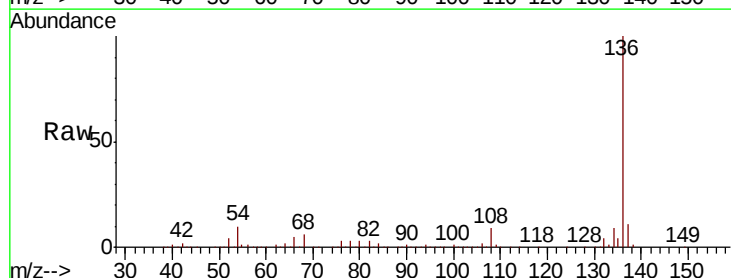
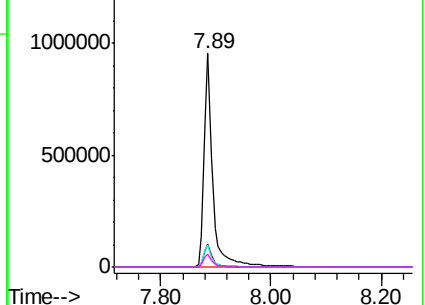
68 5.8 5.4 8.2

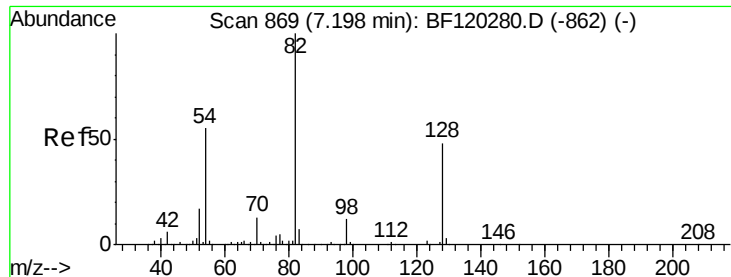
Abundance Ion 136.00 (135.70 to 136.70): E

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





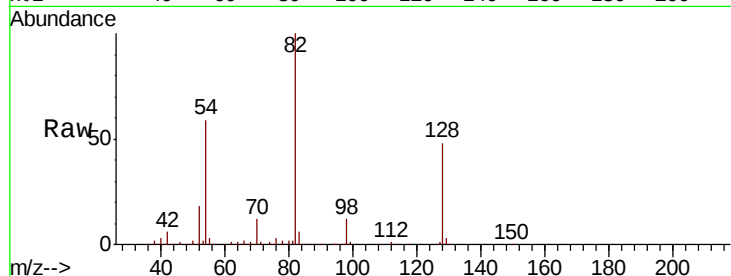
#23
Nitrobenzene-d5
Concen: 43.626 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

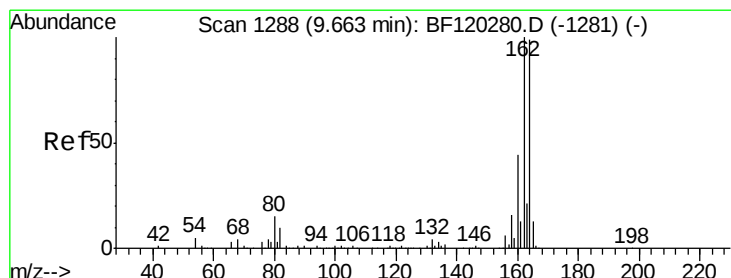
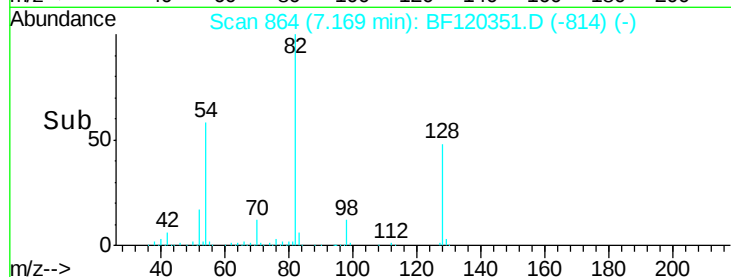
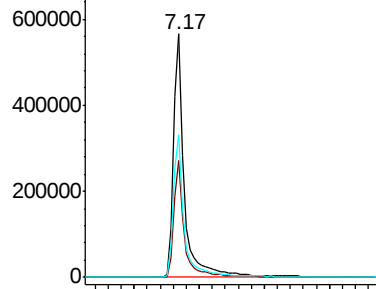
Tot Ion	Ratio	Resp	Lower	Upper
82	100	664115		
128	47.9	38.3	57.5	
54	58.5	43.9	65.9	

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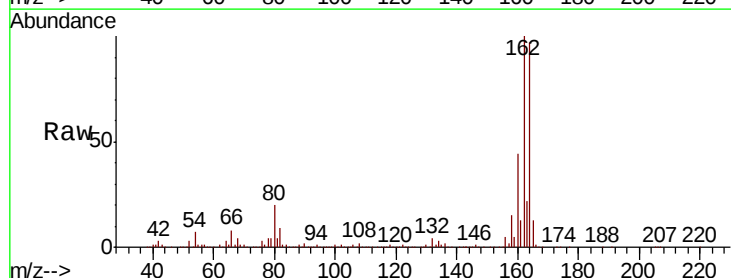


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

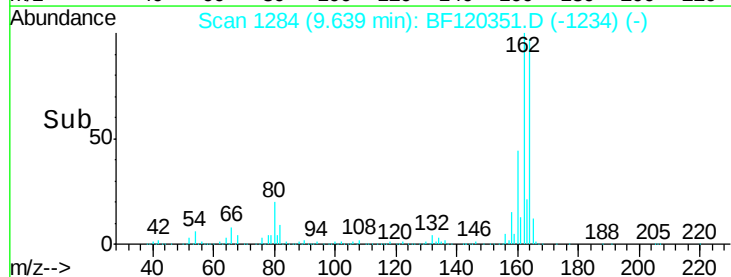
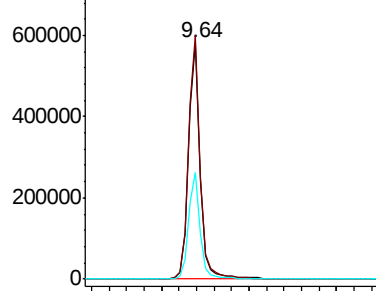


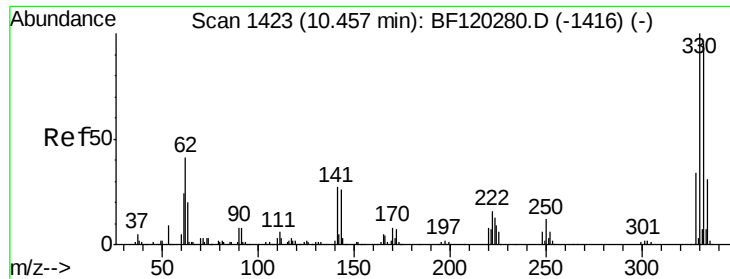
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	541290		
162	103.2	81.2	121.8	
160	45.2	35.8	53.6	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





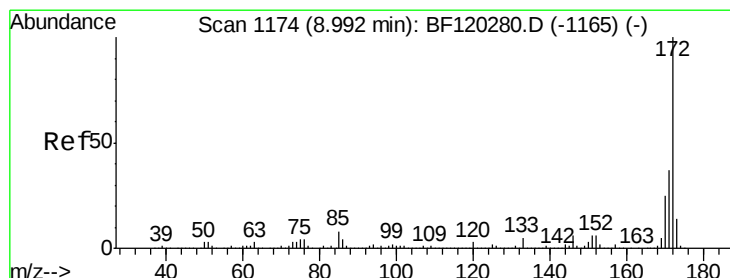
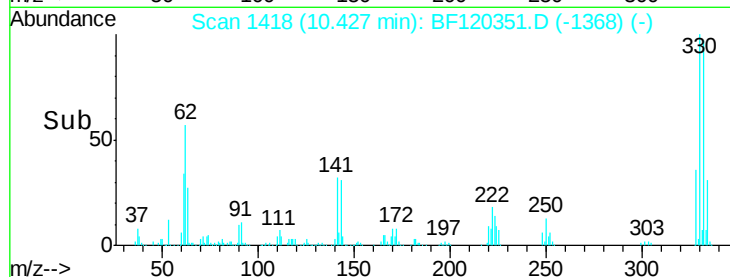
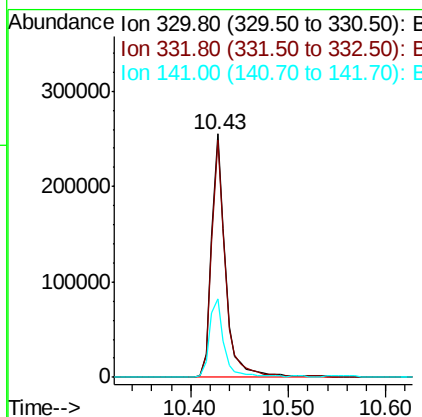
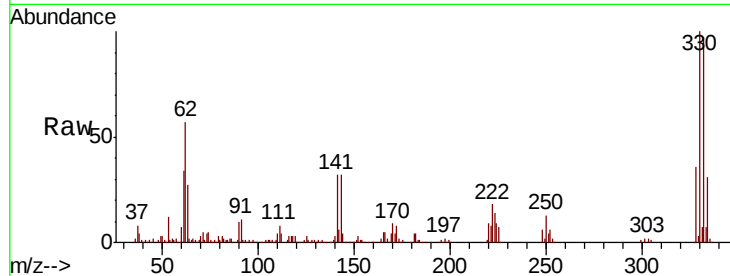
#42
 2,4,6-Tribromophenol
 Concen: 57.593 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120351.D
 Acq: 18 May 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-051520

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.5	114.7
141	32.9	25.4	38.0

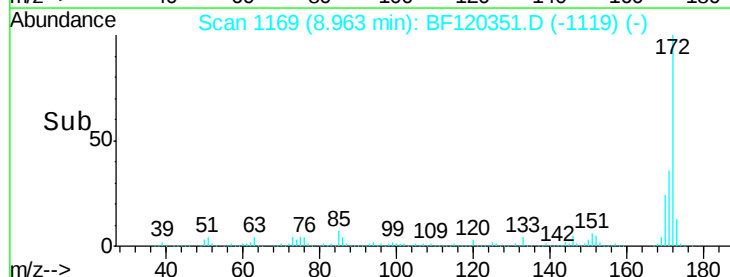
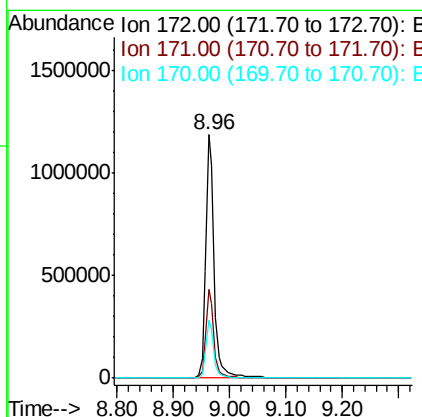
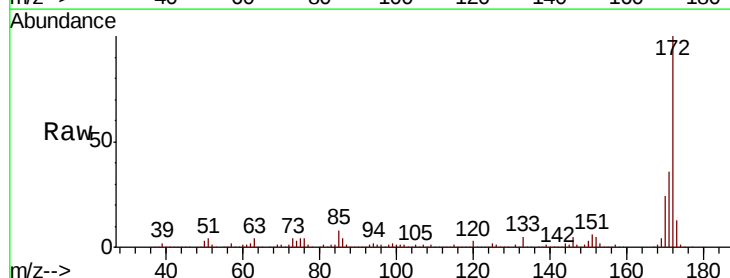
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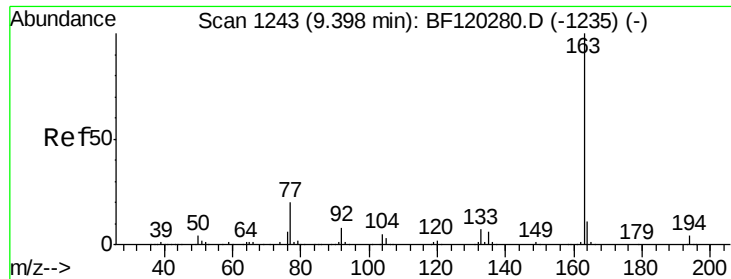
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#45
 2-Fluorobiphenyl
 Concen: 47.305 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF120351.D
 Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.6	19.9	29.9





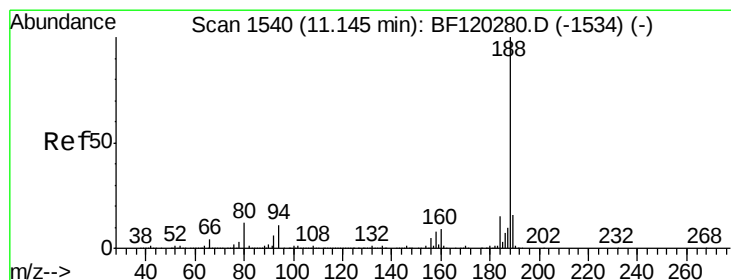
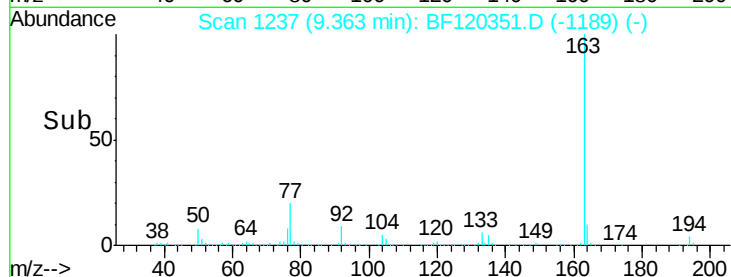
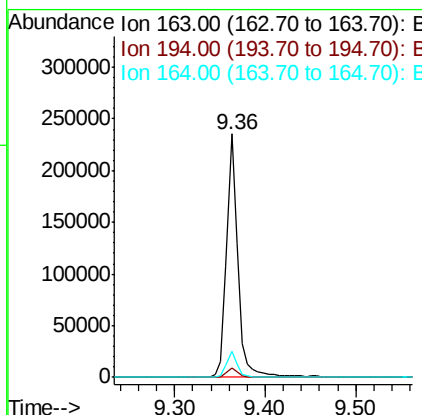
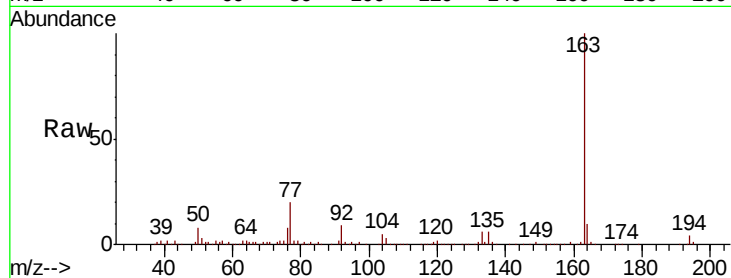
#50
Dimethylphthalate
Concen: 5.895 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Resp	Lower	Upper
163	100	201719		
194	3.9		3.1	4.7
164	10.5		8.6	12.8

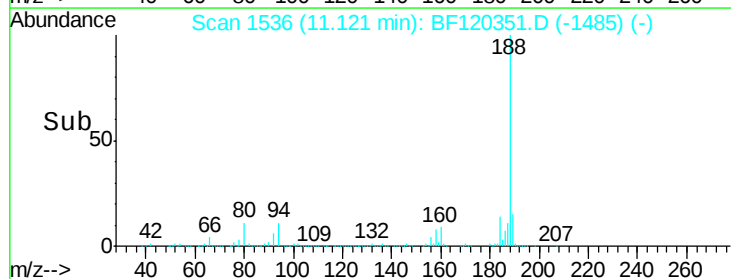
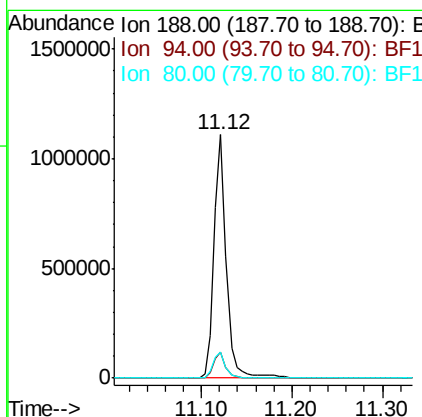
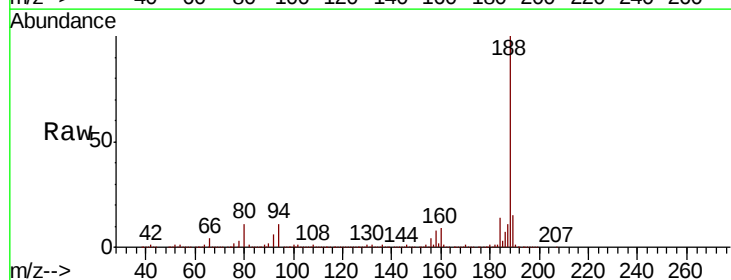
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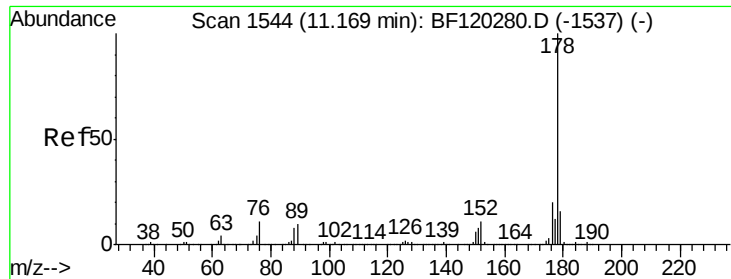
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1059126		
94	10.8		8.6	13.0
80	10.7		9.2	13.8





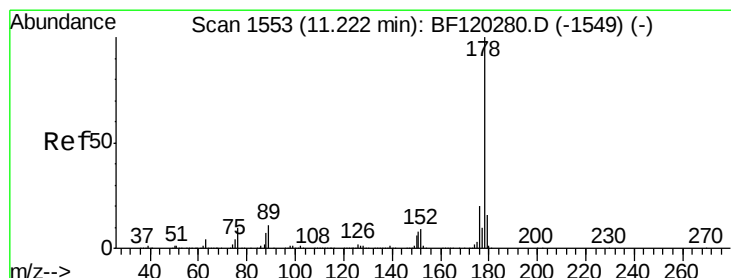
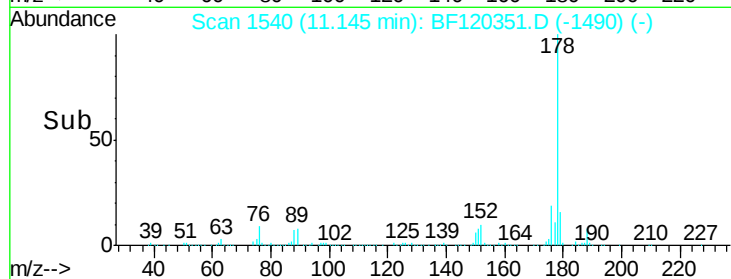
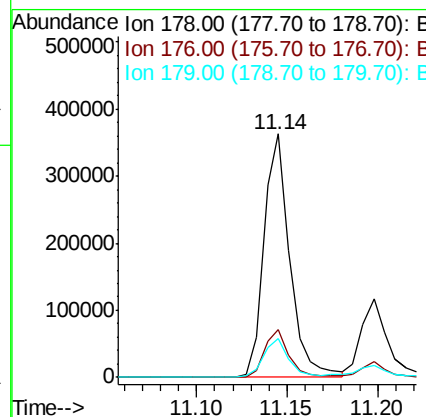
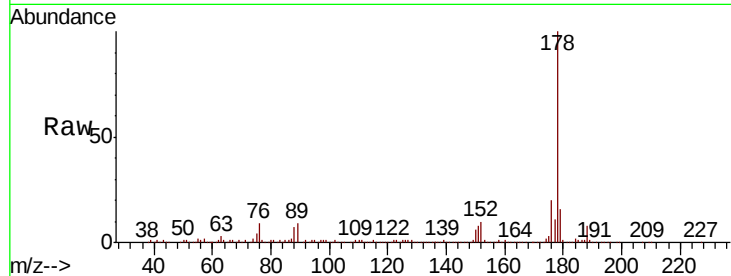
#71
Phenanthrene
Concen: 8.095 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	16.0	12.8	19.2

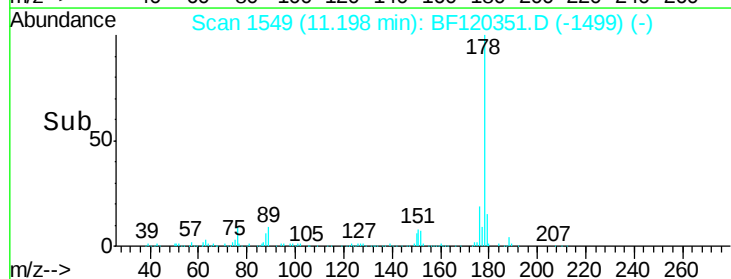
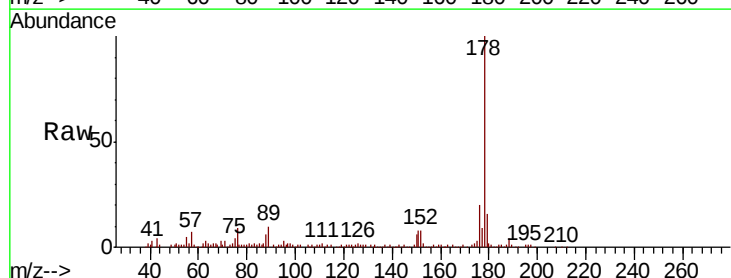
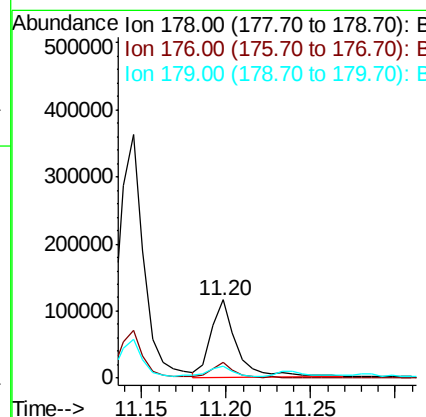
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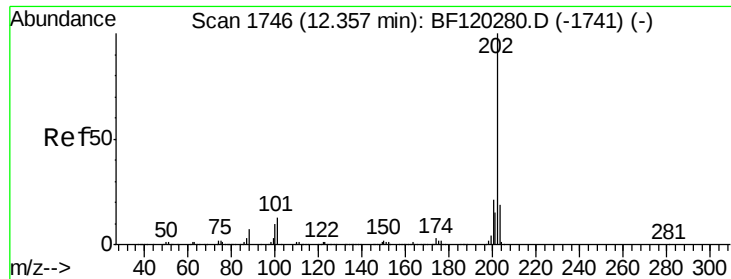
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#72
Anthracene
Concen: 2.556 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.8	13.0	19.6





#75

Fluoranthene

Concen: 9.698 ng

RT: 12.33 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Instrument :

BNA_F

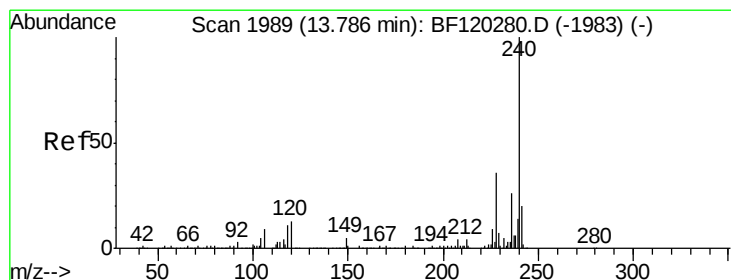
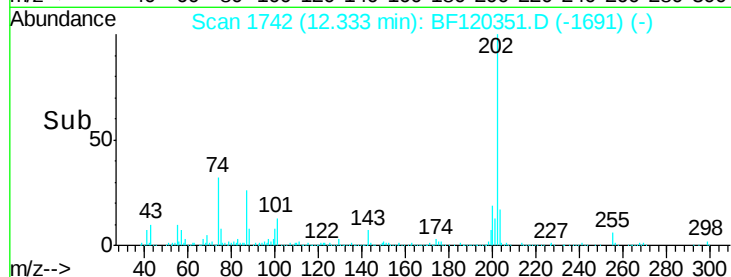
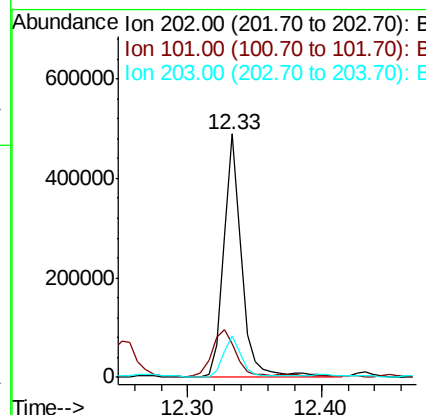
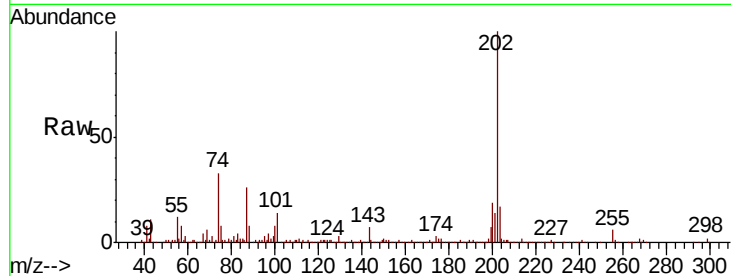
ClientSampleId :

TR-05-051520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		462590		
101	13.6	0.0	33.2		
203	17.0	0.0	39.1		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

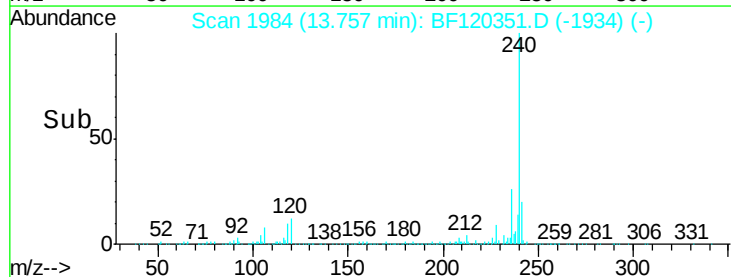
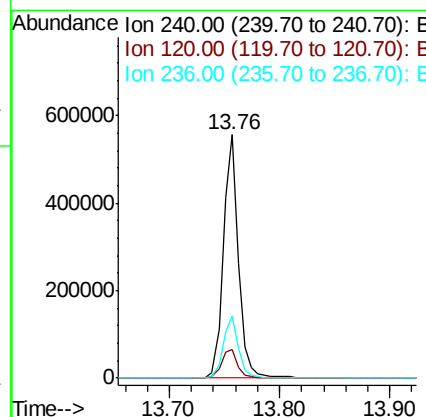
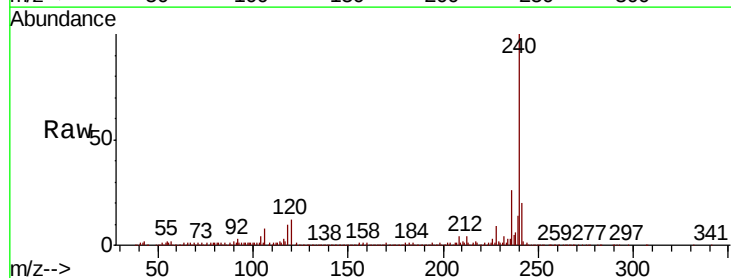
RT: 13.76 min Scan# 1984

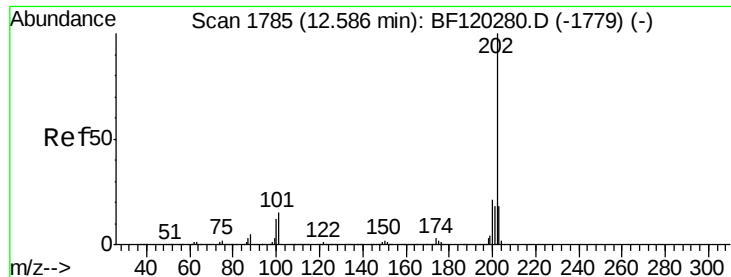
Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		522167		
120	11.7	10.4	15.6		
236	25.6	21.0	31.6		





#78

Pvrene

Concen: 13.099 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Instrument :

BNA_F

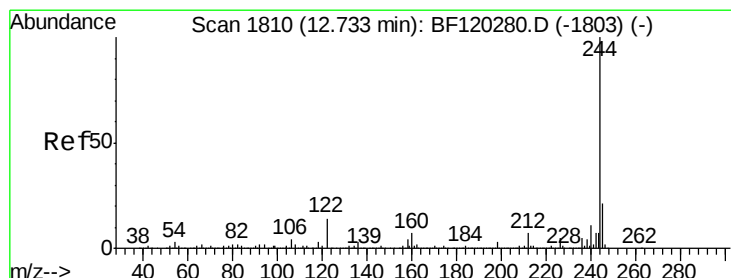
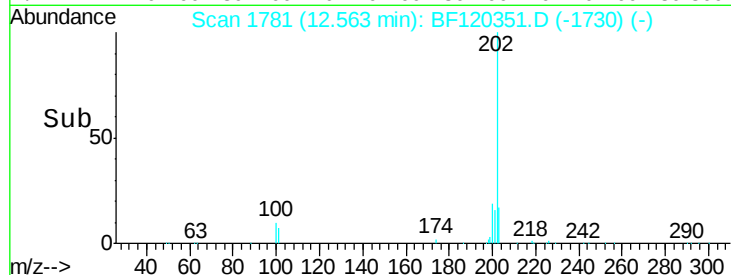
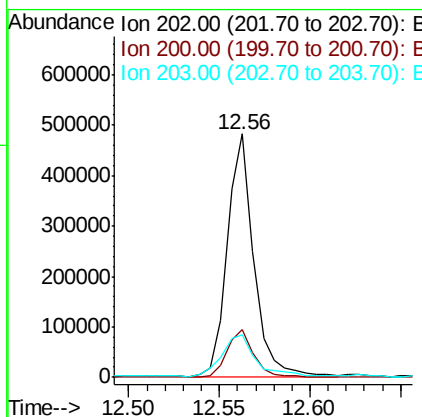
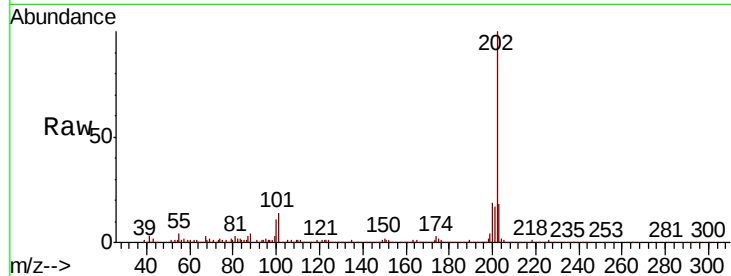
ClientSampleId :

TR-05-051520

Tot Ion:	202	Resp:	487610
Ion Ratio	Lower	Upper	
202	100		
200	19.4	16.6	25.0
203	17.7	14.6	22.0

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#79

Terphenyl-d14

Concen: 55.418 ng

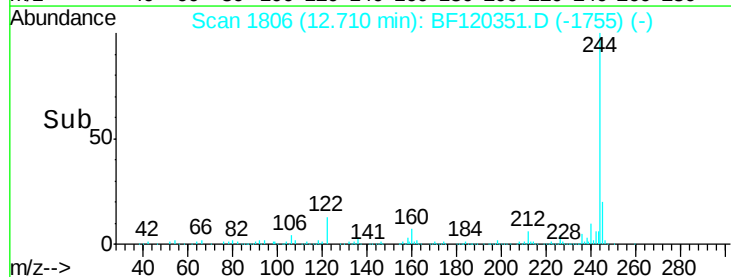
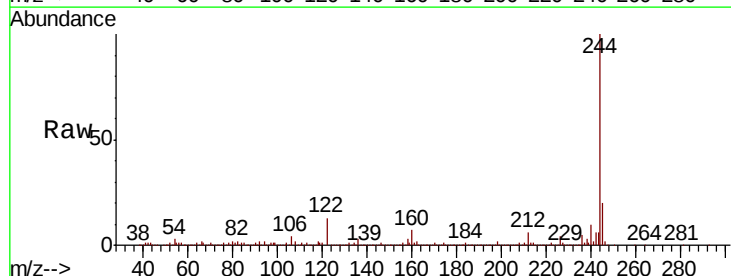
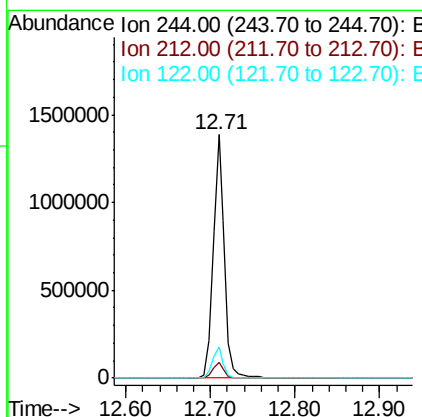
RT: 12.71 min Scan# 1806

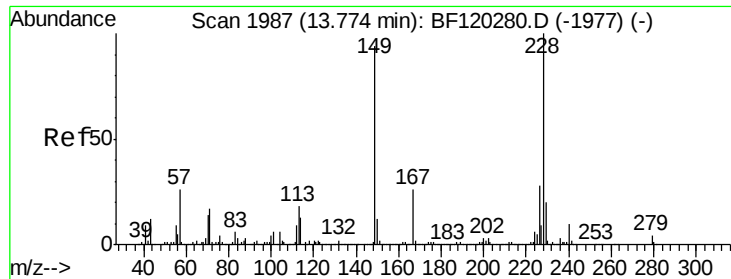
Delta R.T. -0.00 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Tgt Ion:	244	Resp:	1309854
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.8	8.6
122	12.7	10.8	16.2





#81

Benzo(a)anthracene

Concen: 6.707 ng

RT: 13.74 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Instrument :

BNA_F

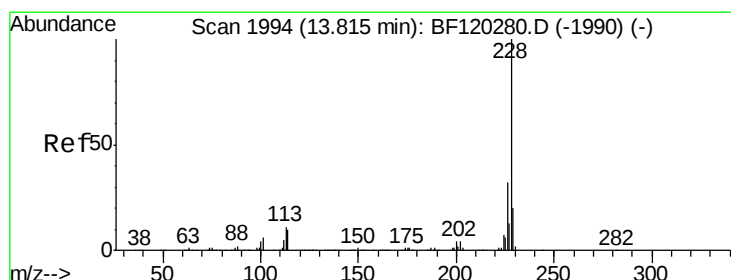
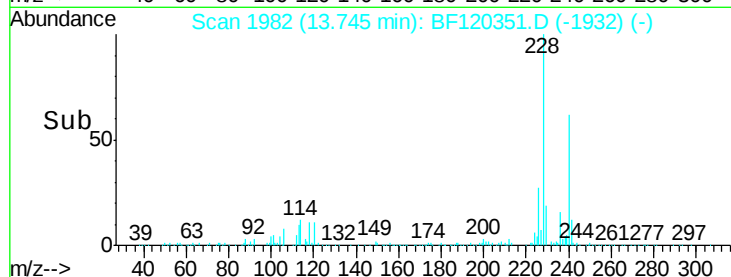
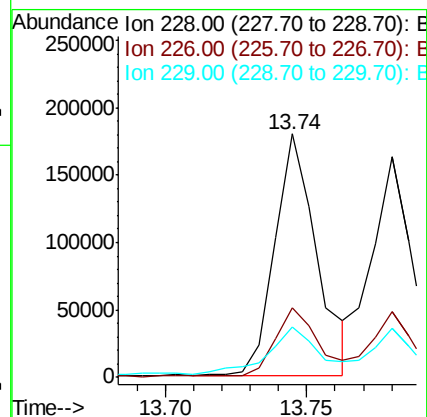
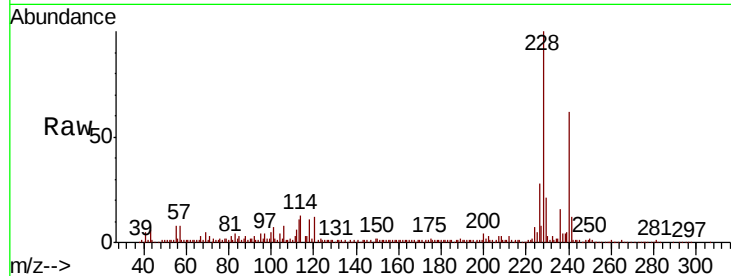
ClientSampleId :

TR-05-051520

Tot Ion:	228	Resp:	184726
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.7	16.4	24.6

Manual Integrations
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#83

Chrysene

Concen: 5.573 ng

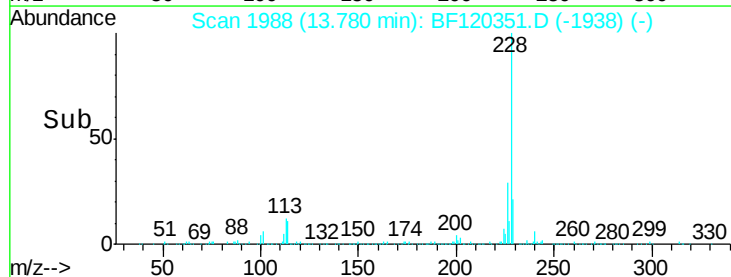
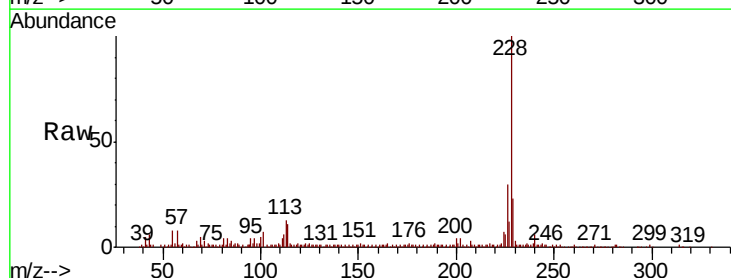
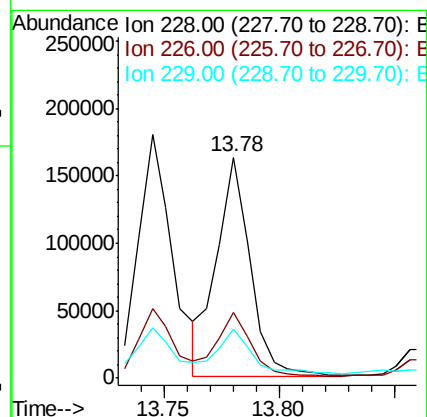
RT: 13.78 min Scan# 1988

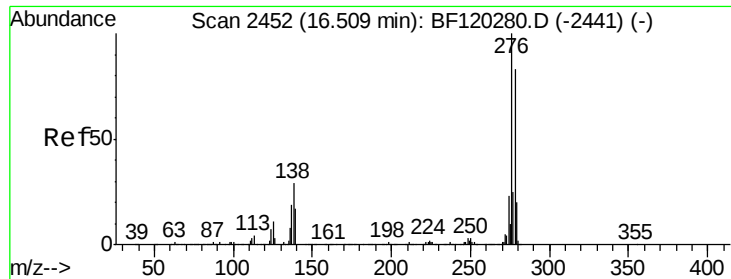
Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Tgt Ion:	228	Resp:	164800
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	22.5	16.2	24.4





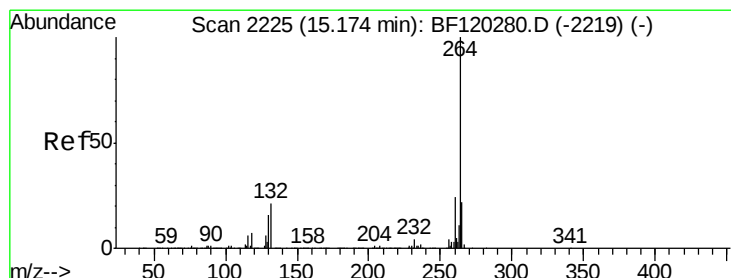
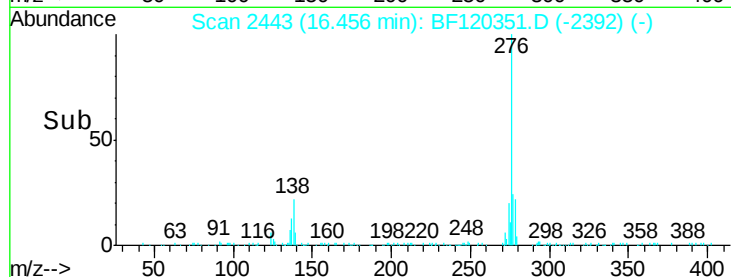
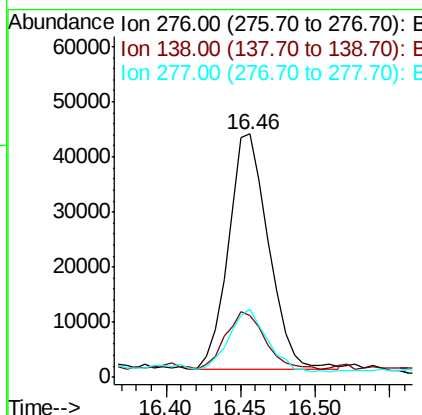
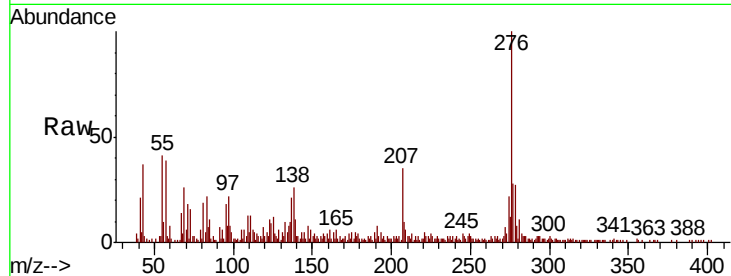
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.957 ng
RT: 16.46 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.5	23.3	34.9
277	25.1	20.2	30.4

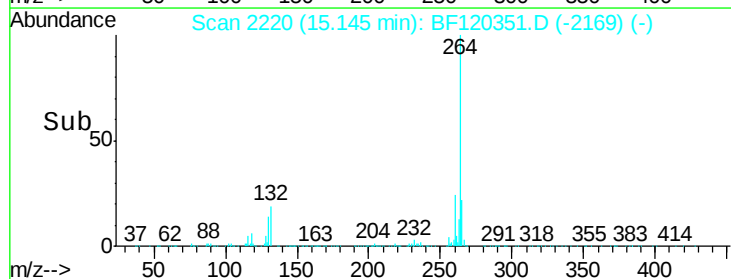
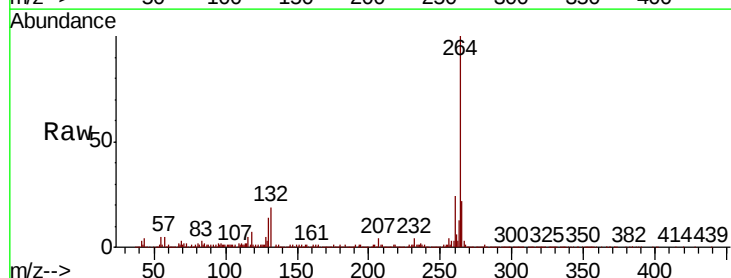
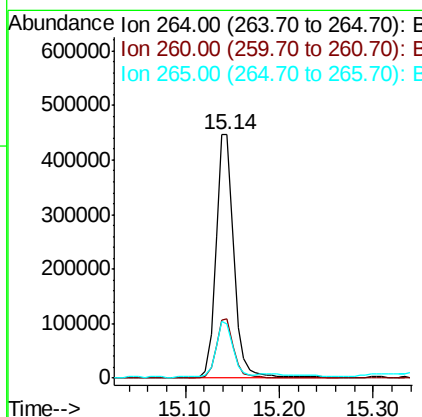
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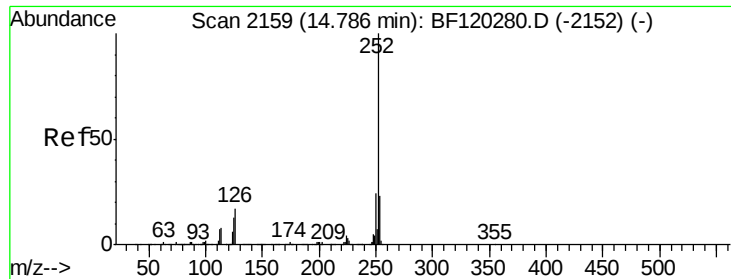
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.1	17.5	26.3





#88

Benzo(b)fluoranthene

Concen: 6.597 ng m

RT: 14.76 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Instrument :

BNA_F

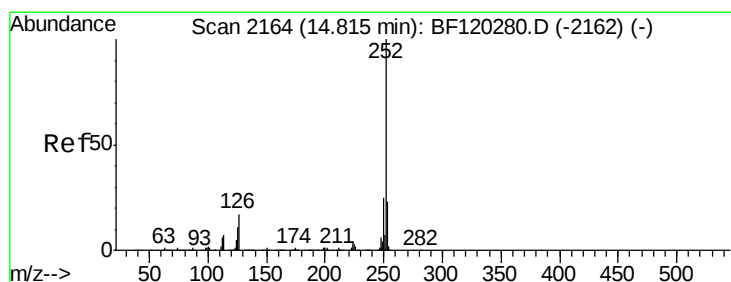
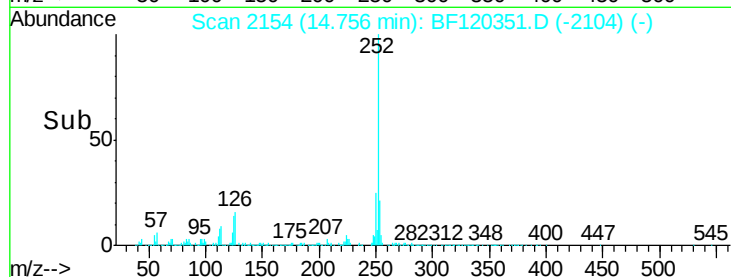
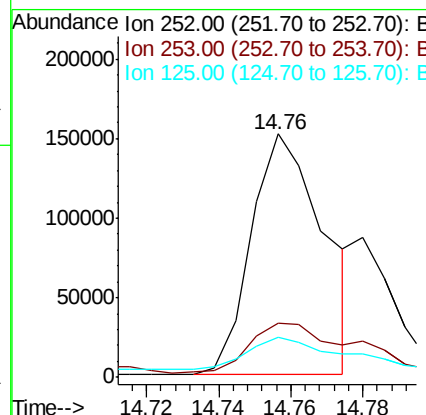
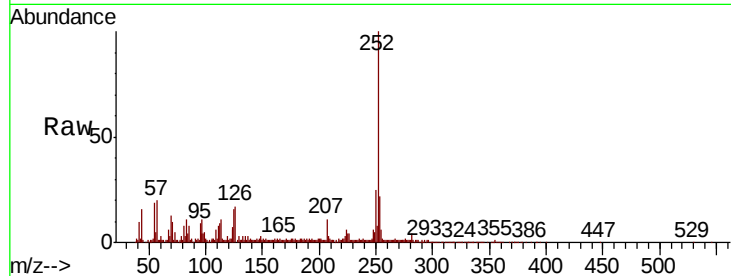
ClientSampleId :

TR-05-051520

Tot Ion:	252	Resp:	211768
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.1	27.1
125	16.4	10.4	15.6#

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#89

Benzo(k)fluoranthene

Concen: 2.401 ng m

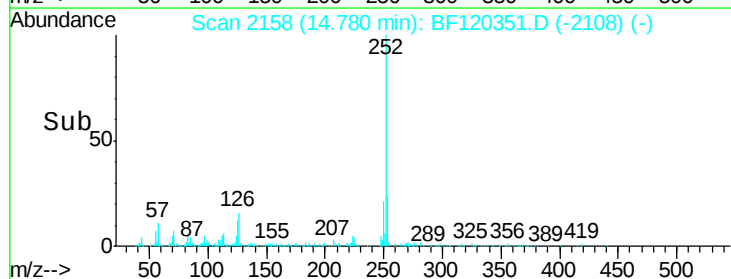
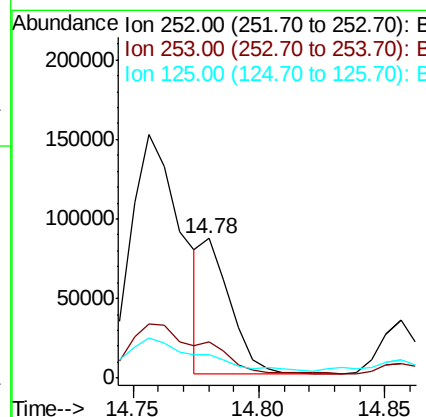
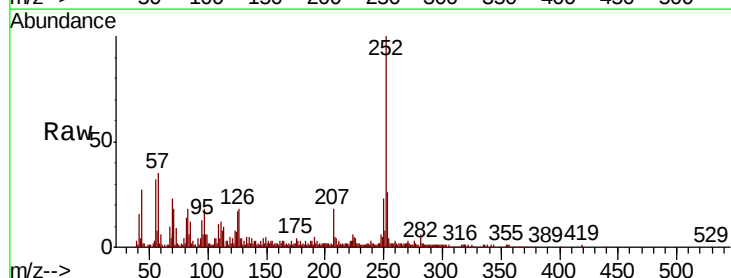
RT: 14.78 min Scan# 2158

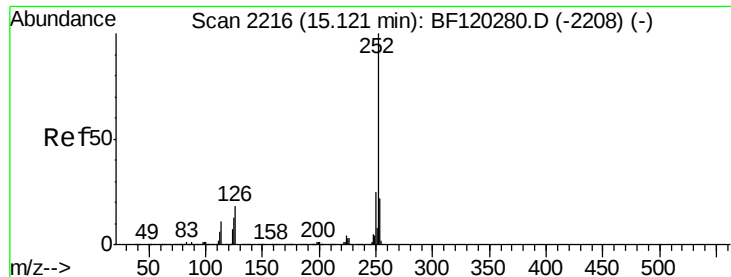
Delta R.T. -0.01 min

Lab File: BF120351.D

Acq: 18 May 2020 19:33

Tgt Ion:	252	Resp:	66777
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.2	27.2
125	17.1	9.9	14.9#





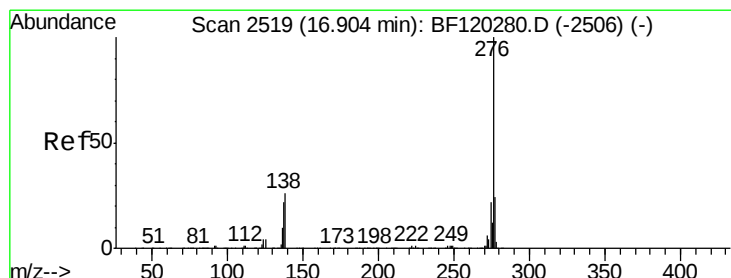
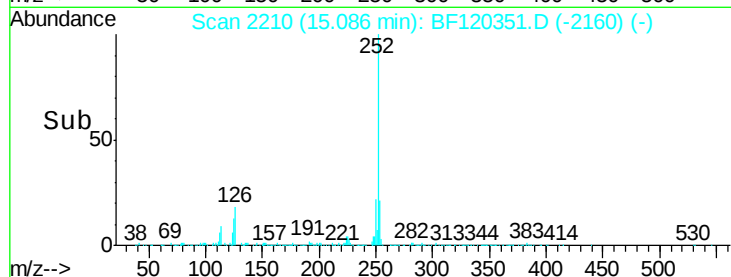
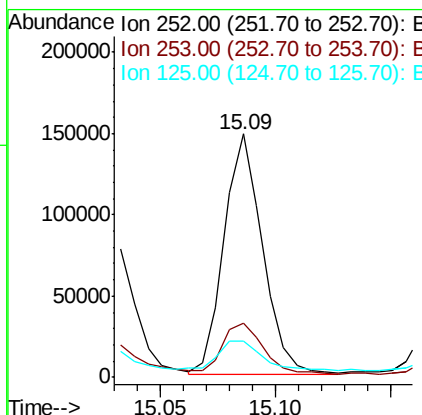
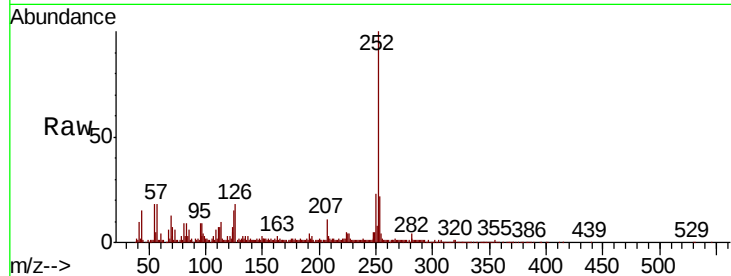
#90
Benzo(a)pyrene
Concen: 6.007 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Instrument :
BNA_F
ClientSampleId :
TR-05-051520

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	15.1	10.6	16.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.758 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BF120351.D
Acq: 18 May 2020 19:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.1	28.7
138	25.7	20.8	31.2

