

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120265.D
 Acq On : 1 May 2020 18:26
 Operator : MA/SJ
 Sample : L2376-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Manual Integrations
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Quant Time: May 02 01:22:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	125038	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	482559	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	227040	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	384947	20.00	ng	0.00
76) Chrysene-d12	13.81	240	286337	20.00	ng	-0.02
87) Perylene-d12	15.22	264	309936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	494112	68.29	ng	0.00
7) Phenol-d6	6.30	99	640791	68.73	ng	-0.01
23) Nitrobenzene-d5	7.22	82	401561	43.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.48	330	171262	61.61	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	939366	58.74	ng	0.00
79) Terphenyl-d14	12.76	244	847039	49.78	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.41	163	93015	5.297	ng	100
71) Phenanthrene	11.19	178	42425	2.071	ng	98
75) Fluoranthene	12.39	202	98051	4.436	ng	96
78) Pyrene	12.61	202	84924	3.518	ng	100
81) Benzo(a)anthracene	13.80	228	48698m	2.585	ng	
83) Chrysene	13.84	228	57540	3.006	ng	98
86) Indeno(1,2,3-cd)pyrene	16.56	276	45873	2.719	ng	95
88) Benzo(b)fluoranthene	14.82	252	95903m	4.301	ng	
90) Benzo(a)pyrene	15.16	252	55590	2.965	ng	97
92) Benzo(g,h,i)perylene	16.96	276	46430	2.833	ng	98

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

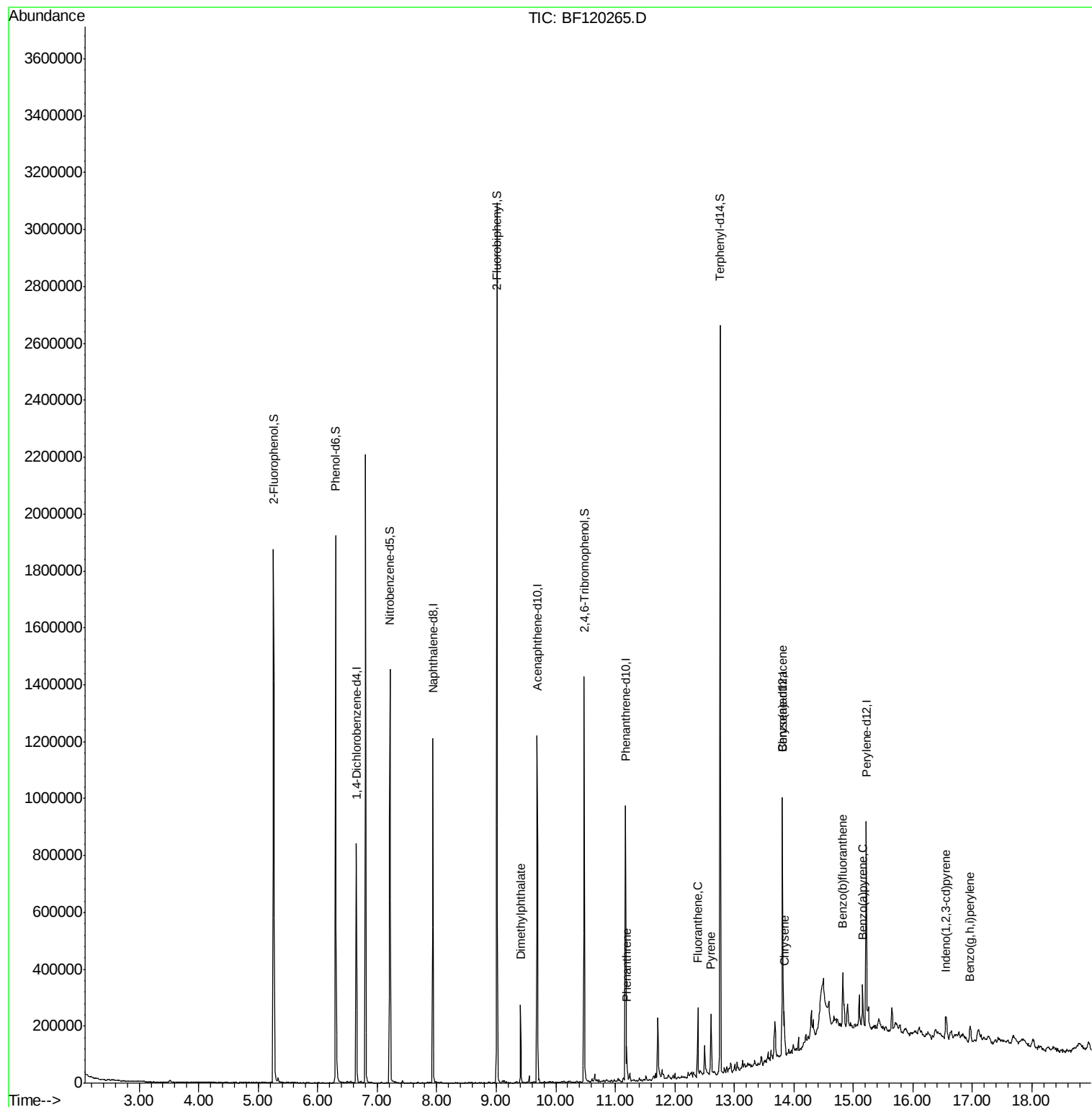
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120265.D
Acq On : 1 May 2020 18:26
Operator : MA/SJ
Sample : L2376-10
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TP-10

Manual Integrations
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#1

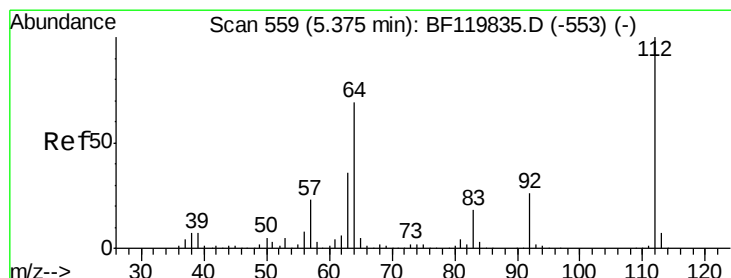
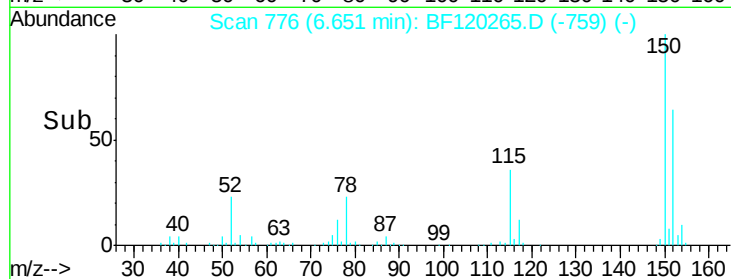
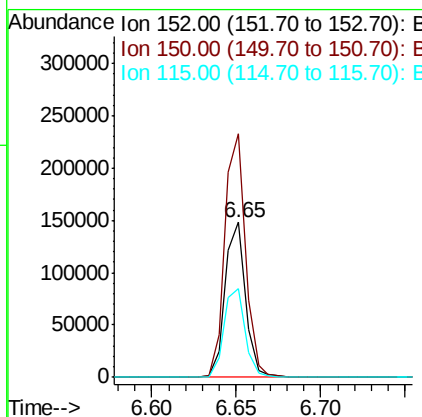
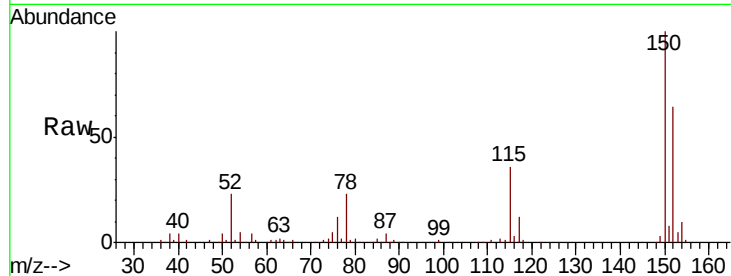
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.5	186.7
115	57.0	49.6	74.4

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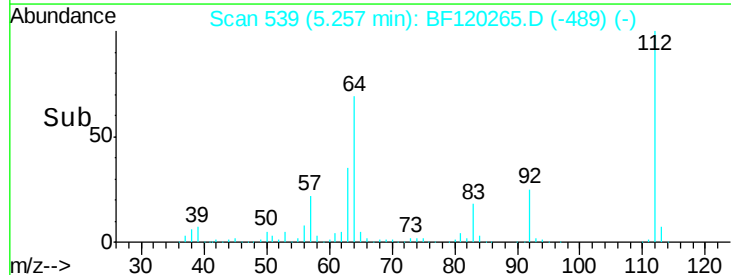
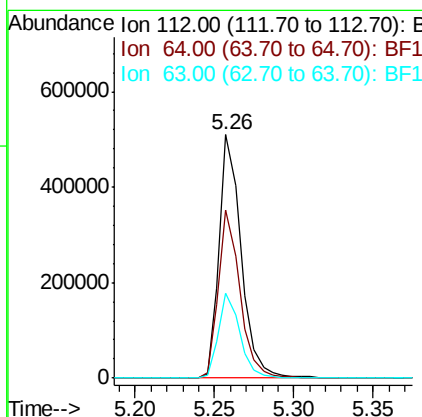
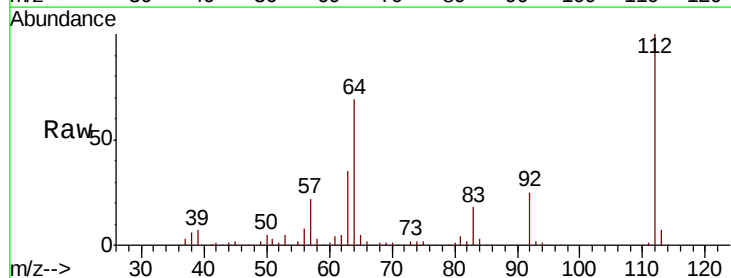
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#5

2-Fluorophenol
Concen: 68.293 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.9	56.7	85.1
63	34.6	29.5	44.3





#7

Phenol-d6

Concen: 68.733 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Instrument :

BNA_F

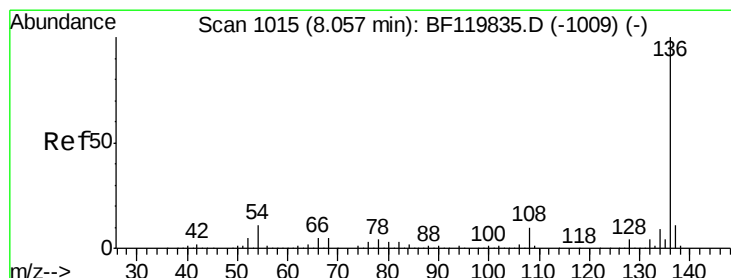
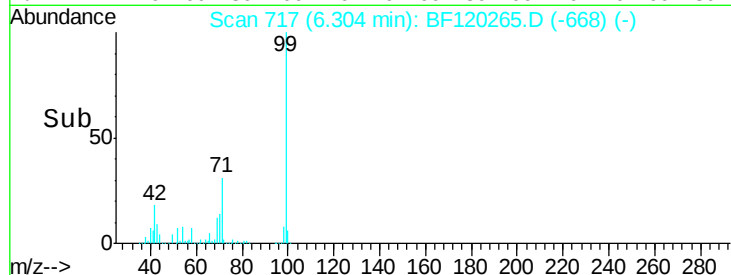
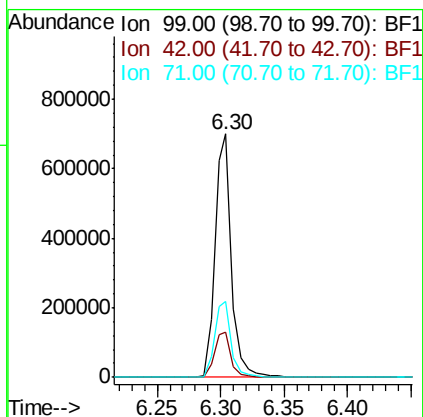
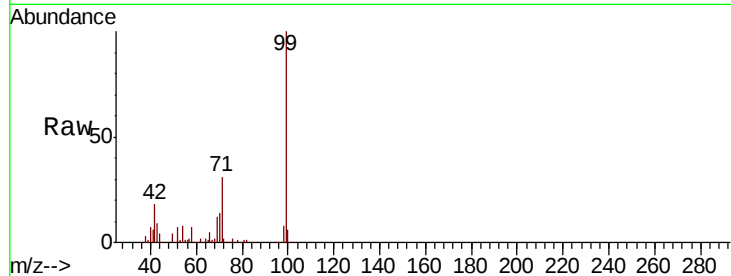
ClientSampleId :

TP-10

Tot Ion:	99	Resp:	640791
Ion Ratio	Lower	Upper	
99	100		
42	18.3	16.6	24.8
71	31.2	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

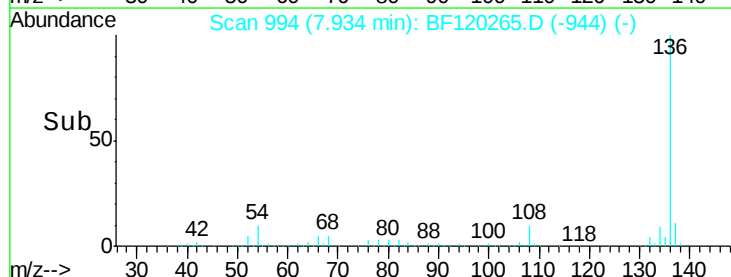
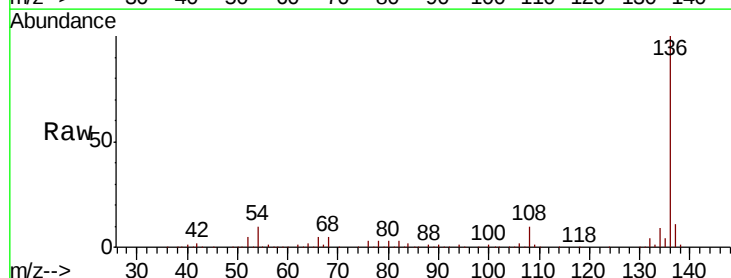
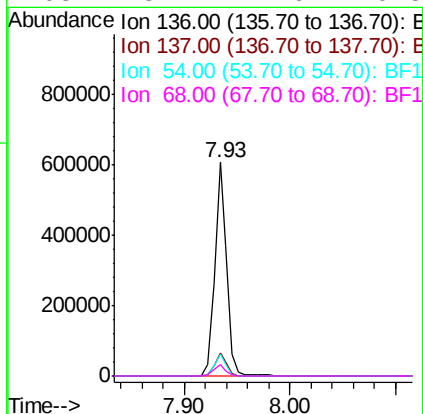
RT: 7.93 min Scan# 994

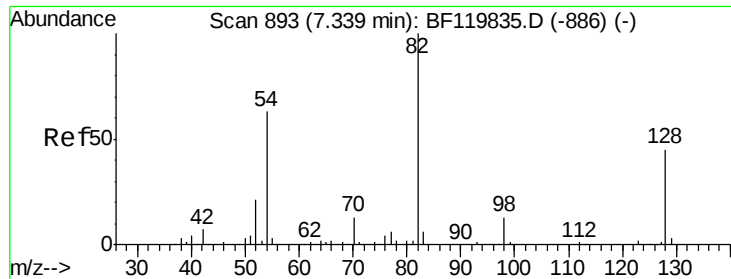
Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Tgt Ion:	136	Resp:	482559
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	9.9	9.1	13.7
68	5.4	4.6	6.8





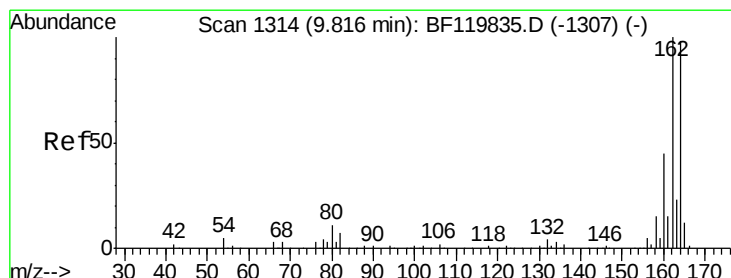
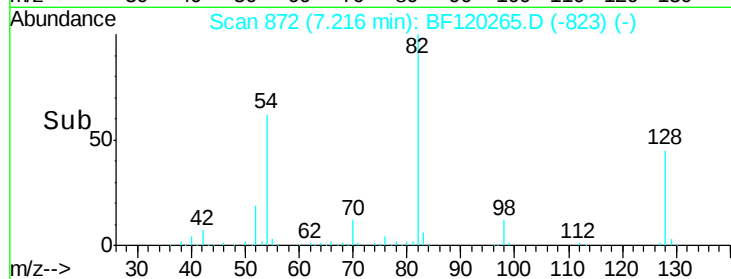
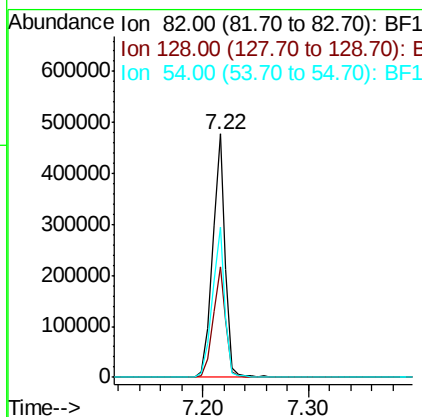
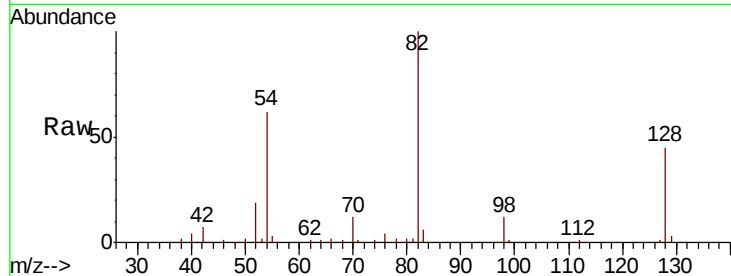
#23
Nitrobenzene-d5
Concen: 43.050 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	61.7	50.6	75.8

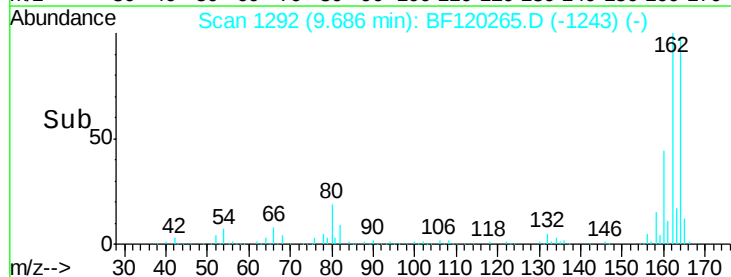
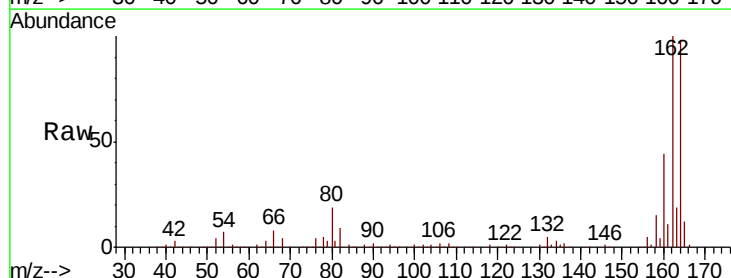
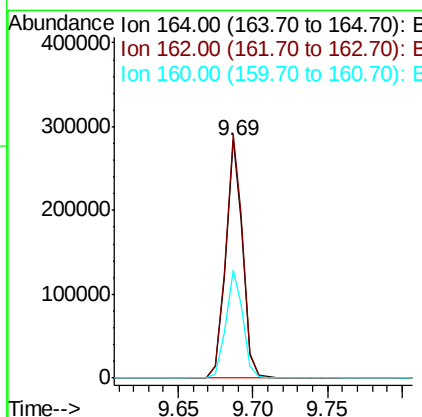
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	121.0
160	45.1	35.7	53.5





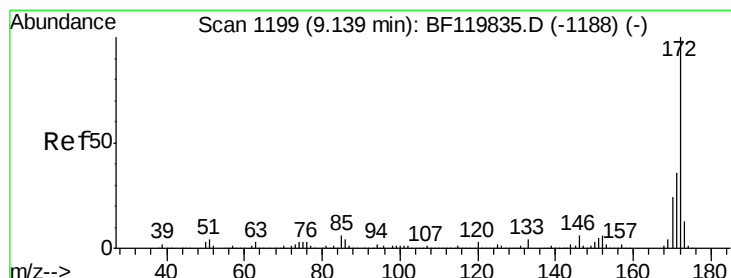
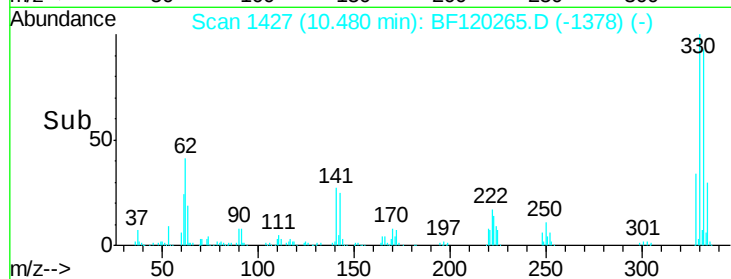
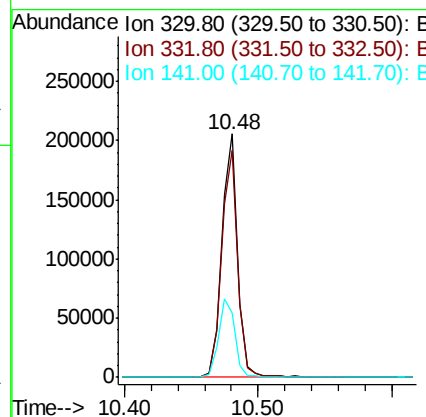
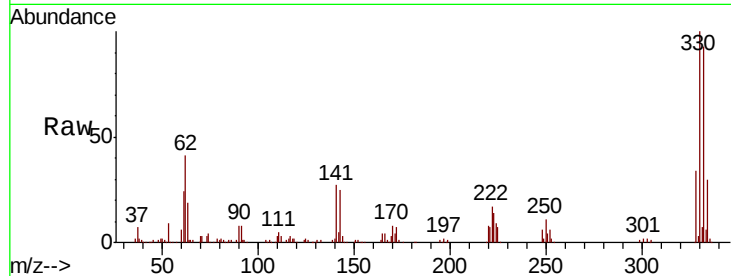
#42
 2,4,6-Tribromophenol
 Concen: 61.611 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120265.D
 Acq: 1 May 2020 18:26

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171262		
332	95.0		75.7	113.5
141	34.0		25.4	38.0

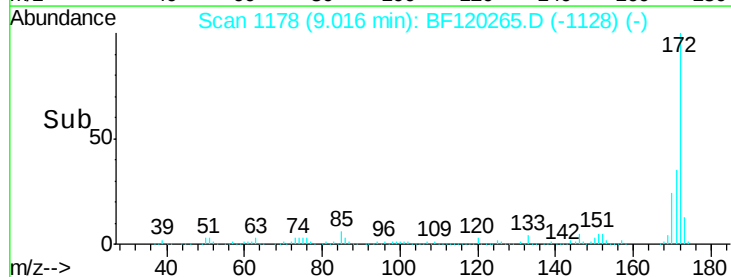
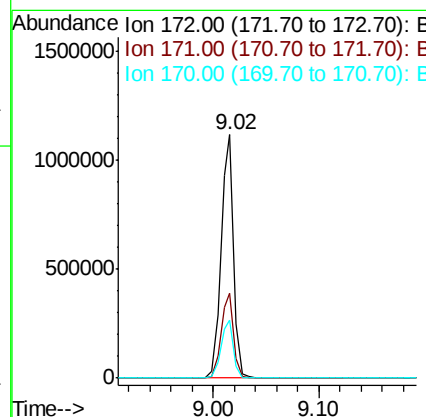
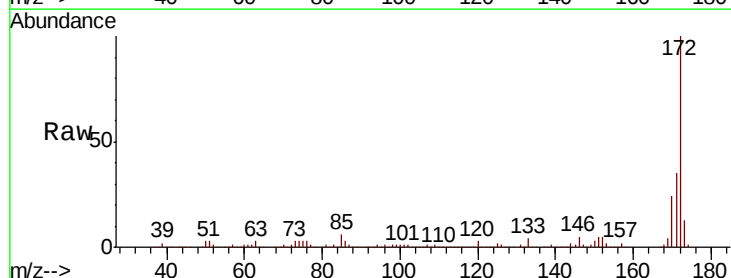
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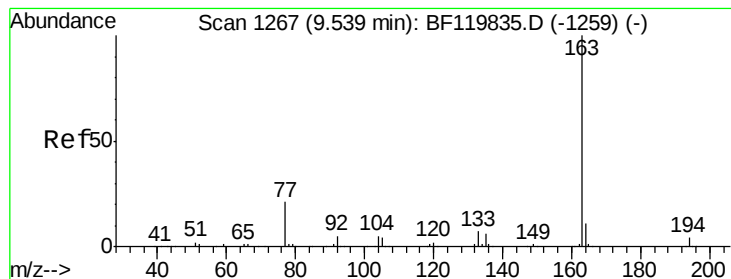
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#45
 2-Fluorobiphenyl
 Concen: 58.743 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120265.D
 Acq: 1 May 2020 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	939366		
171	35.0		29.6	44.4
170	23.6		20.2	30.2





#50

Dimethylphthalate

Concen: 5.297 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Instrument :

BNA_F

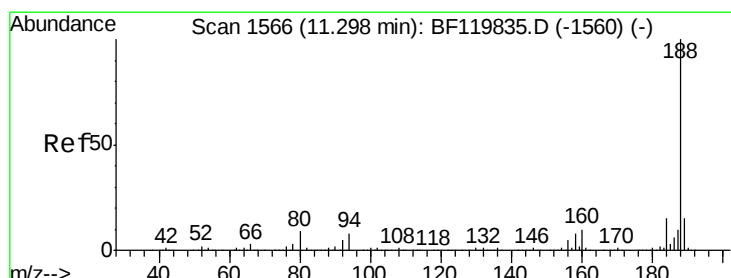
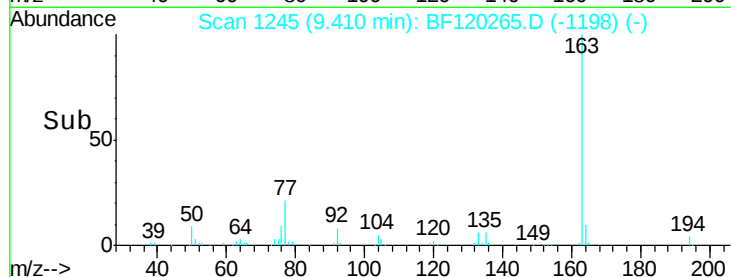
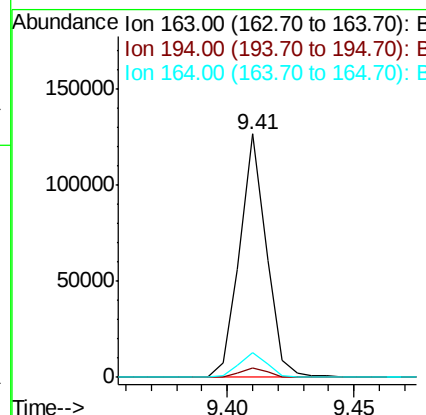
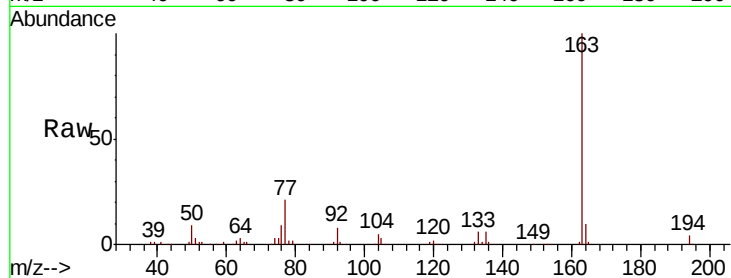
ClientSampleId :

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Tot Ion:	163	Resp:	93015
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.1	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

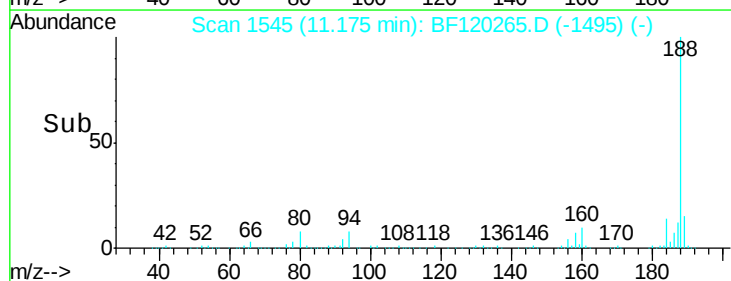
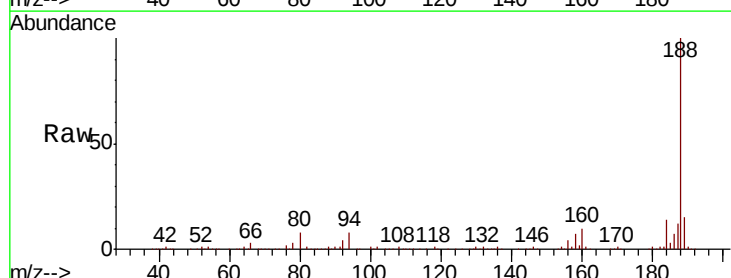
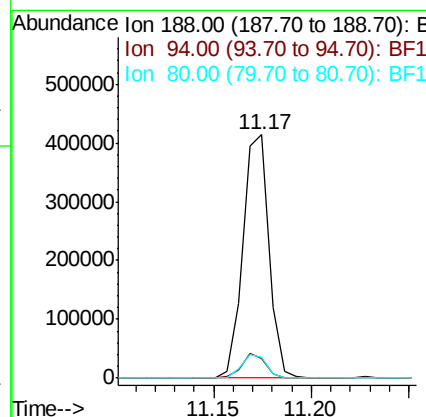
RT: 11.17 min Scan# 1545

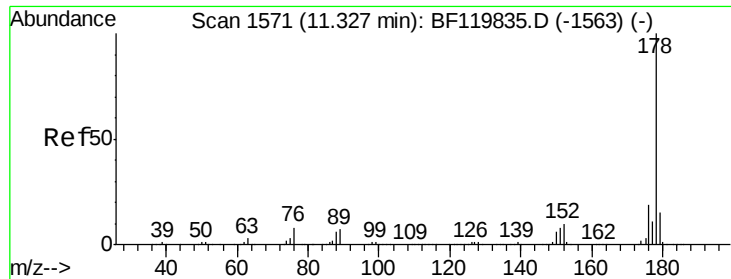
Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Tgt Ion:	188	Resp:	384947
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.5	11.3
80	8.4	9.0	13.4#





#71

Phenanthrene

Concen: 2.071 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Instrument :

BNA_F

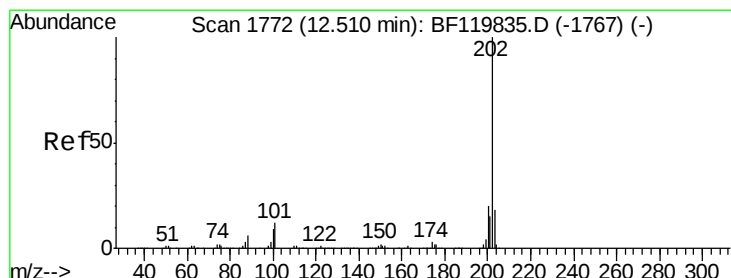
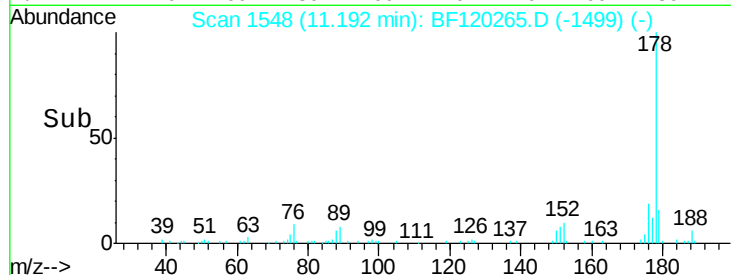
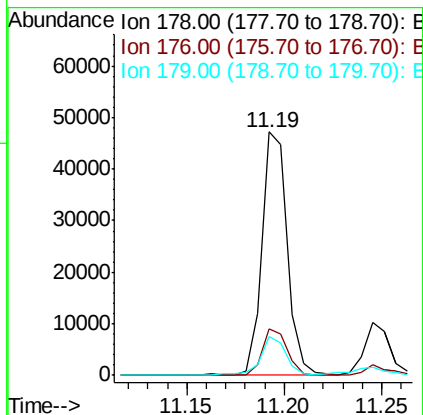
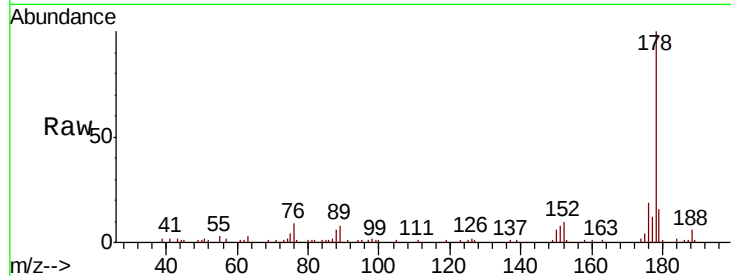
ClientSampled :

TP-10

Tot Ion:	178	Resp:	42425
Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.9	13.2	19.8

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#75

Fluoranthene

Concen: 4.436 ng

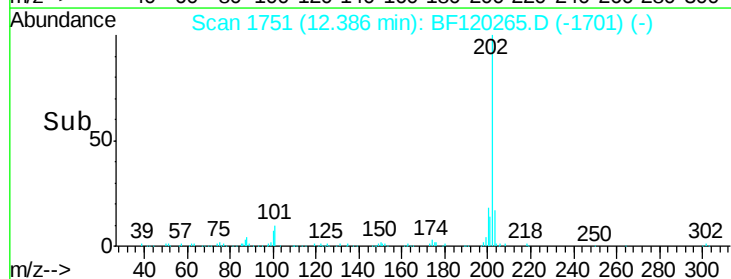
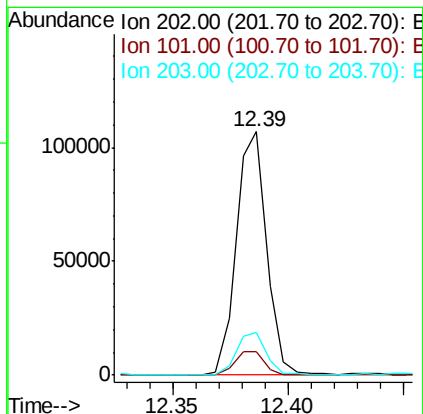
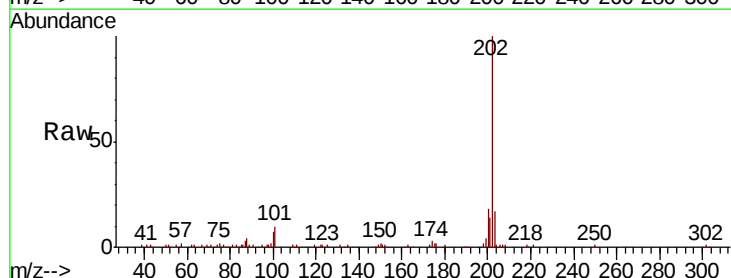
RT: 12.39 min Scan# 1751

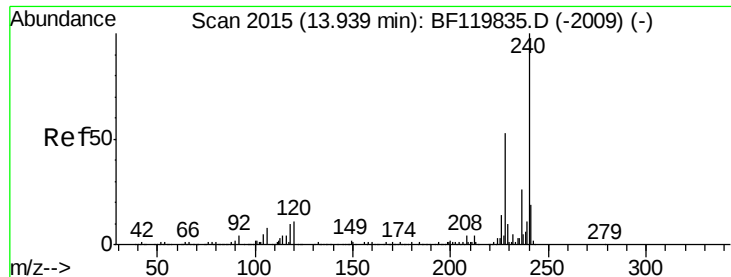
Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Tgt Ion:	202	Resp:	98051
Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	32.2
203	17.5	0.0	38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Instrument :

BNA_F

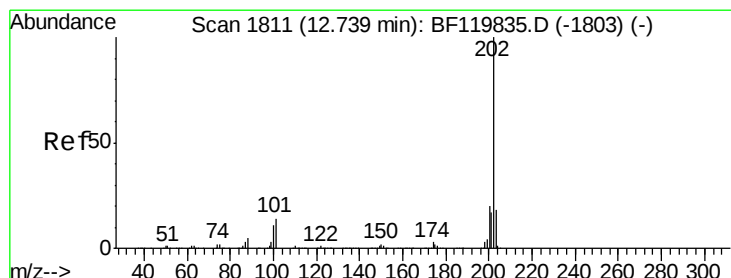
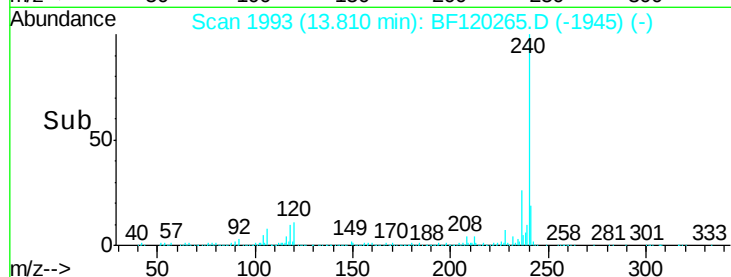
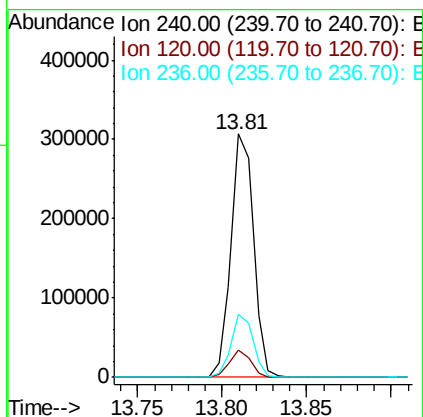
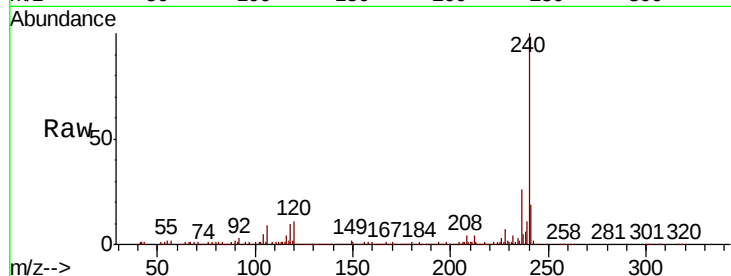
ClientSampleId :

TP-10

Tot Ion:	240	Resp:	286337
Ion Ratio		Lower	Upper
240	100		
120	11.3	10.6	15.8
236	25.8	20.2	30.2

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#78

Pyrene

Concen: 3.518 ng

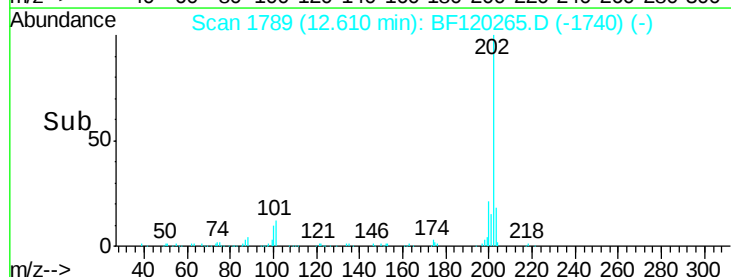
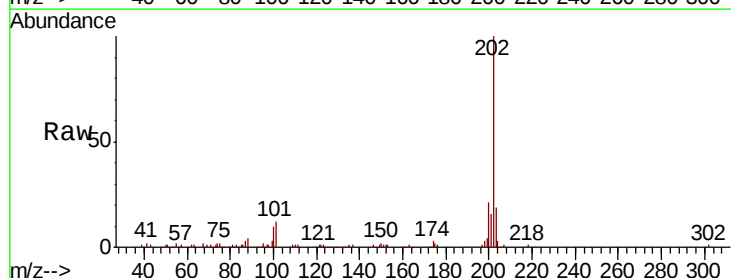
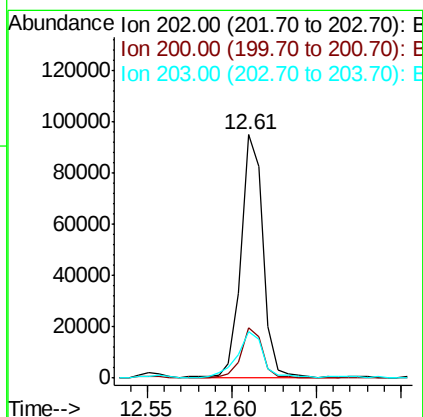
RT: 12.61 min Scan# 1789

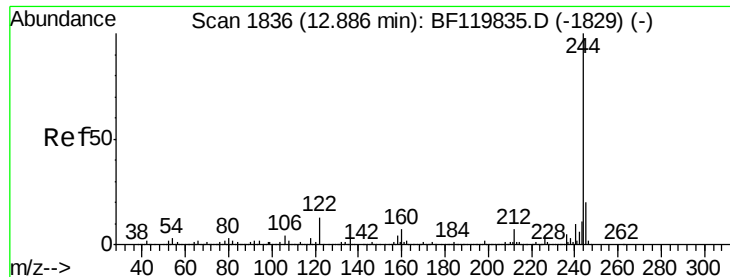
Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Tgt Ion:	202	Resp:	84924
Ion Ratio		Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.9	15.1	22.7





#79

Terphenyl-d14

Concen: 49.776 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Instrument :

BNA_F

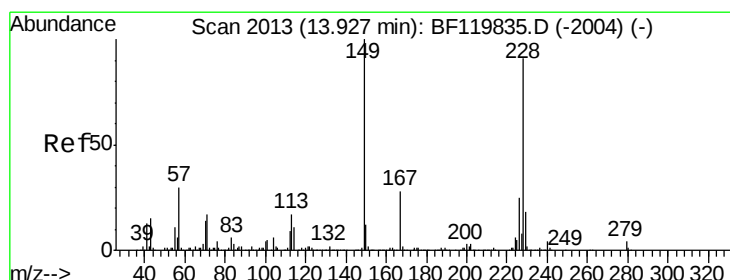
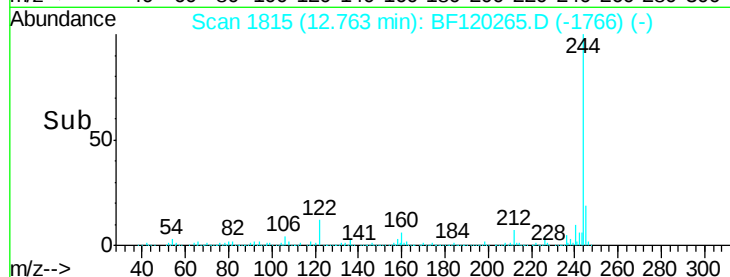
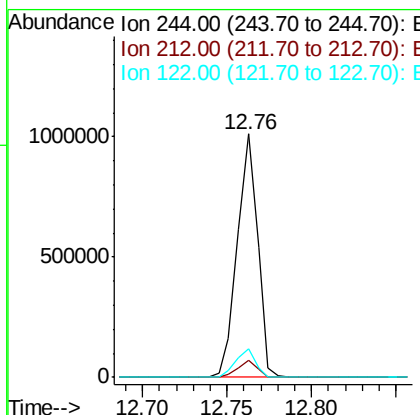
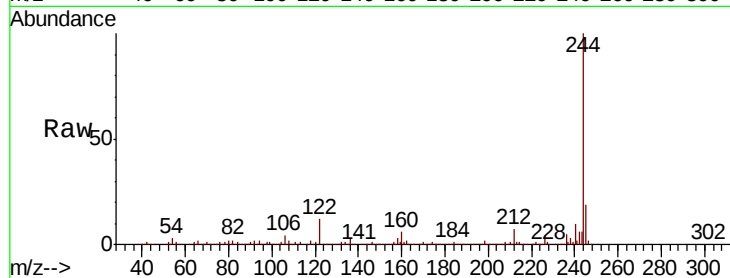
ClientSampled :

TP-10

Tot Ion:	244	Resp:	847039
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	11.6	10.3	15.5

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#81

Benzo(a)anthracene

Concen: 2.585 ng m

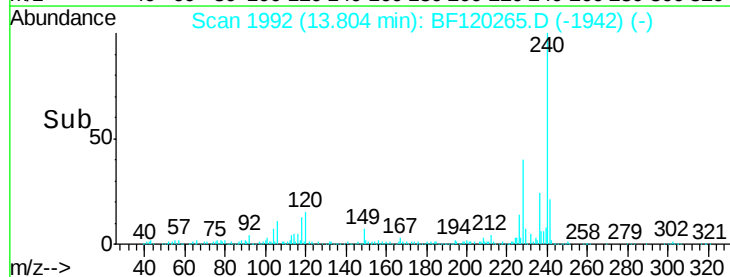
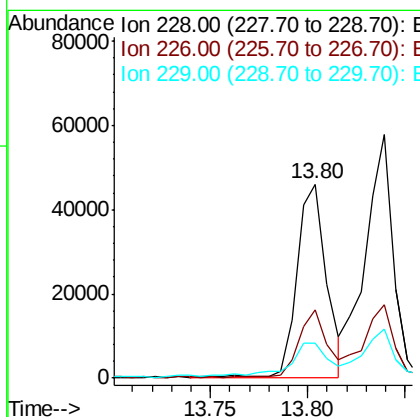
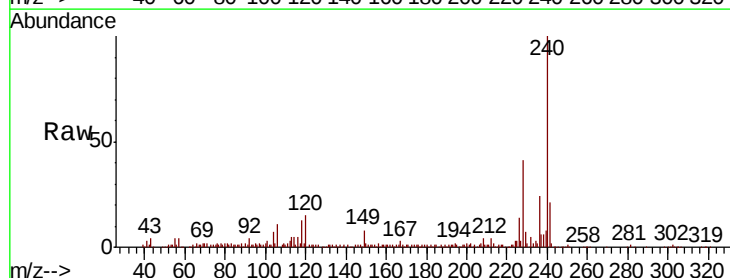
RT: 13.80 min Scan# 1992

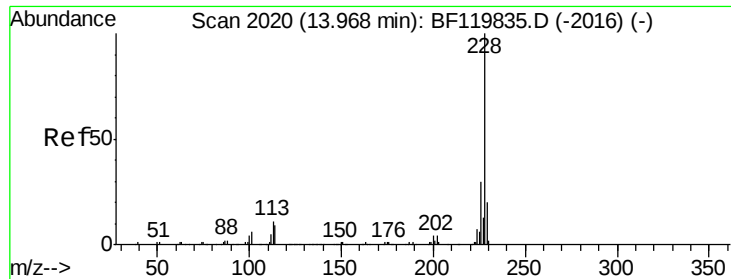
Delta R.T. -0.01 min

Lab File: BF120265.D

Acq: 1 May 2020 18:26

Tgt Ion:	228	Resp:	48698
Ion Ratio	Lower	Upper	
228	100		
226	34.9	21.8	32.8#
229	18.0	16.2	24.4





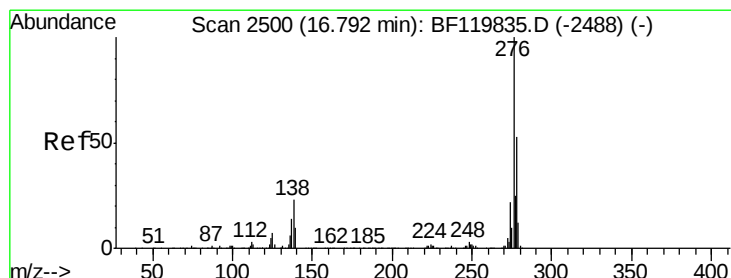
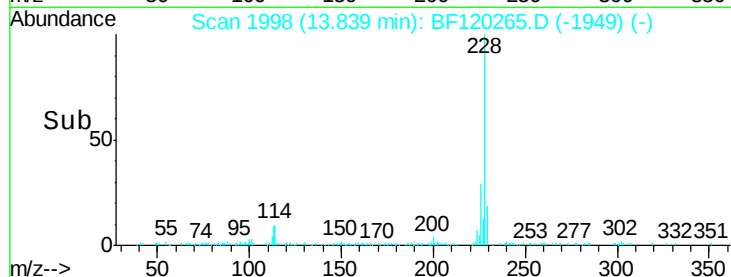
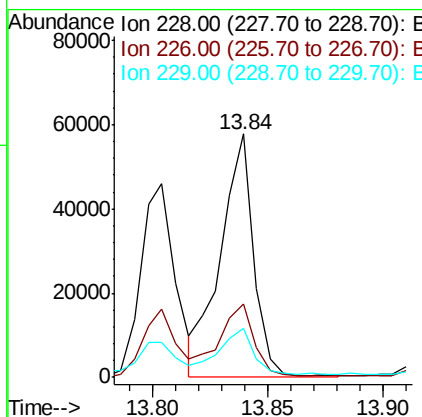
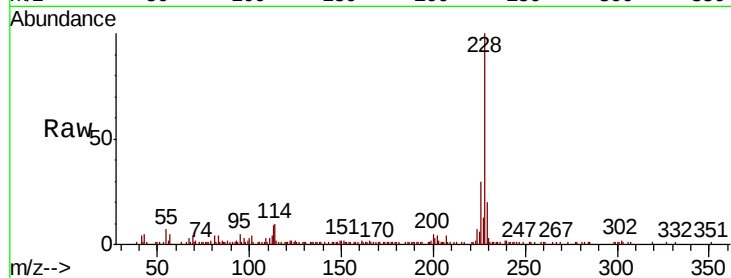
#83
Chrysene
Concen: 3.006 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.4	38.0
229	20.1	16.6	24.8

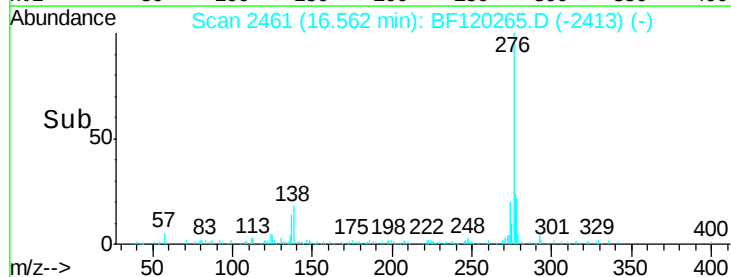
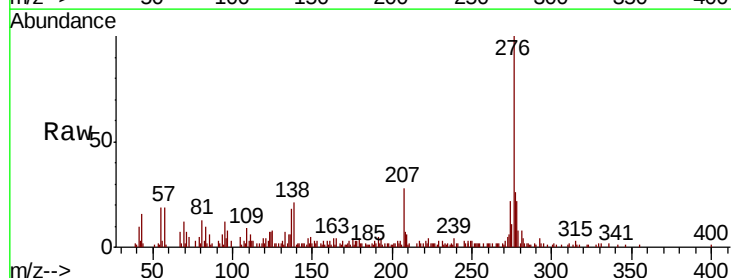
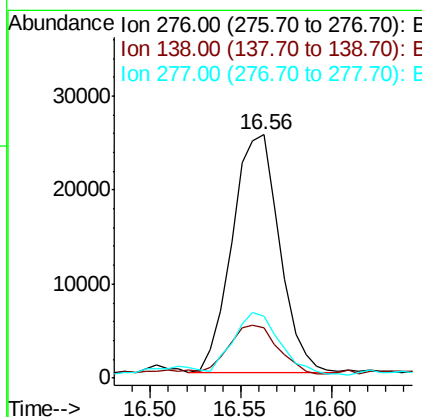
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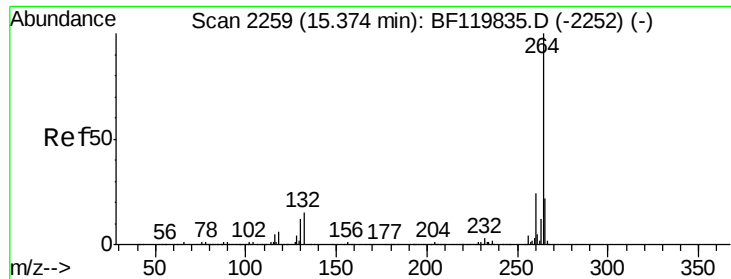
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.719 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.02 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.6	29.4
277	25.8	20.0	30.0





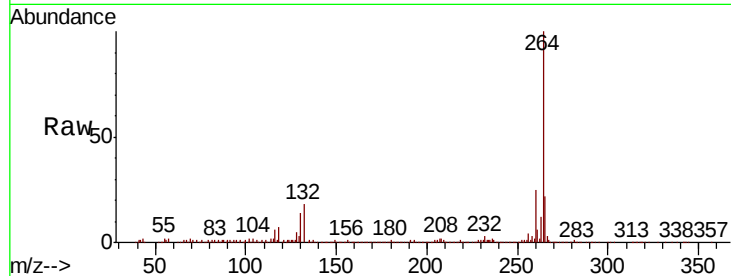
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	21.9	17.7	26.5

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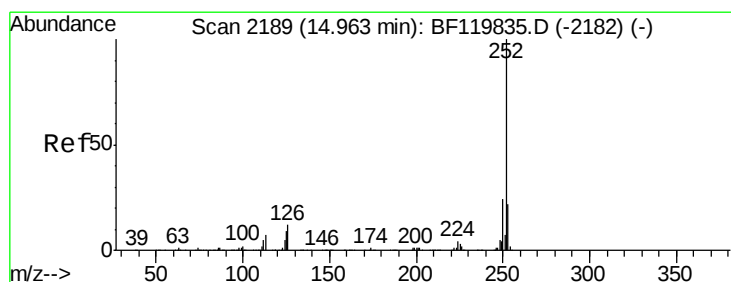
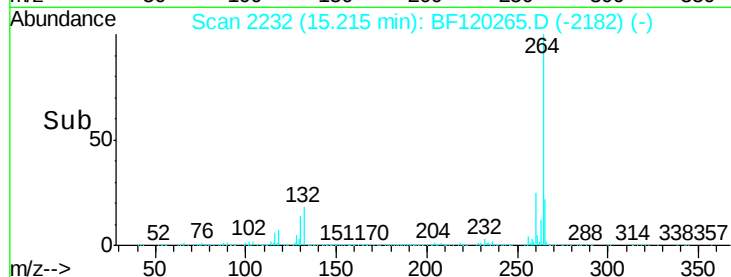
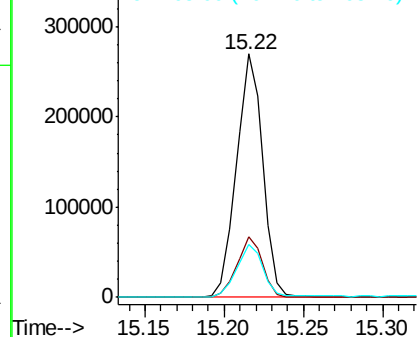


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 4.301 ng m
RT: 14.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

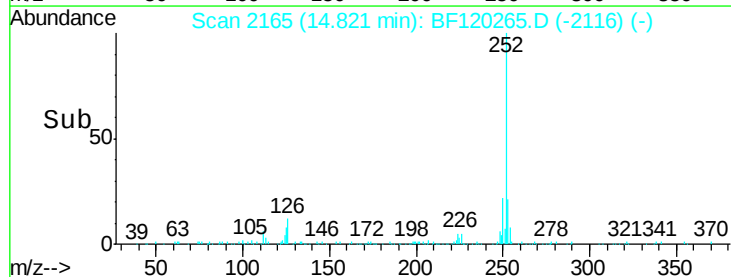
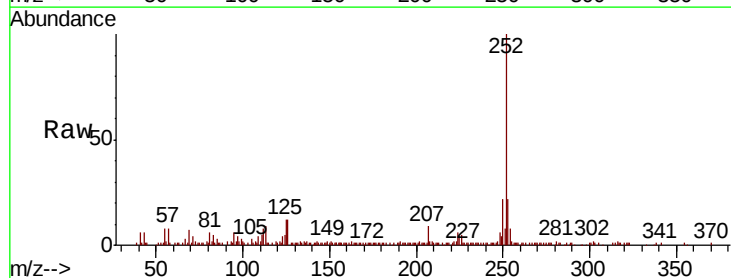
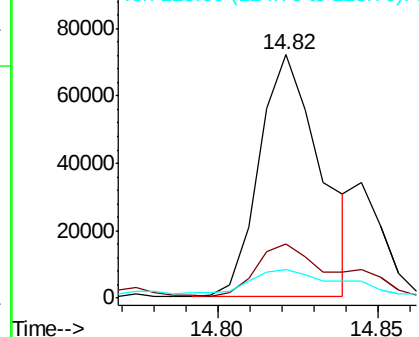
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.8	7.9	11.9

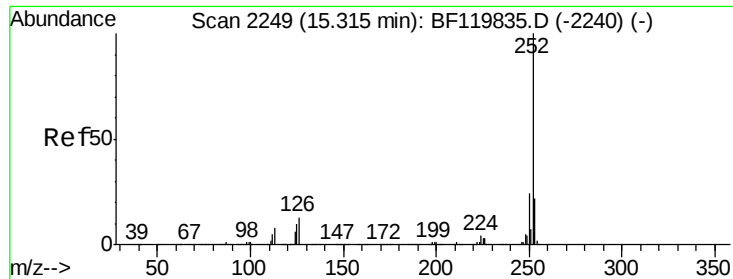
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





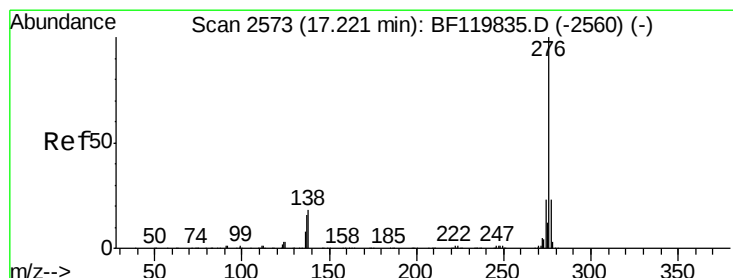
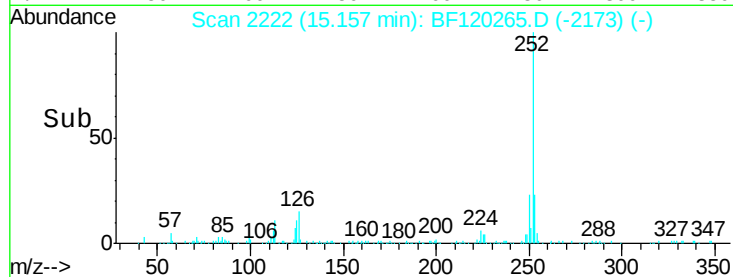
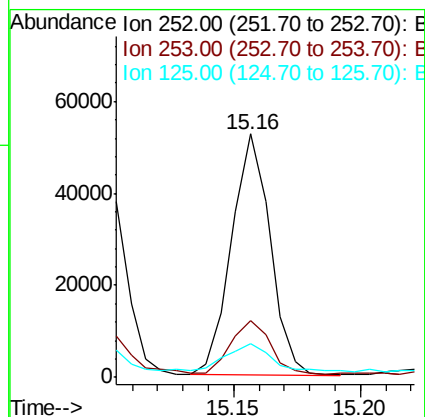
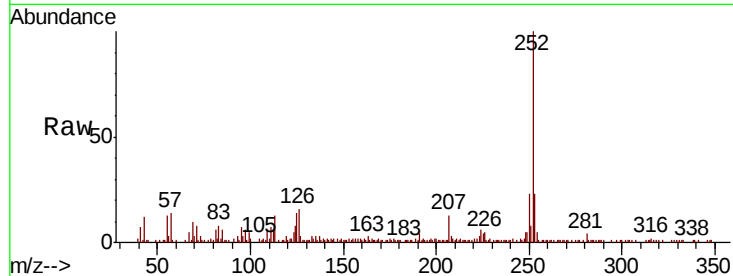
#90
Benzo(a)pyrene
Concen: 2.965 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Instrument :
BNA_F
ClientSampled :
TP-10

Tot Ion:	252	Resp:	55590
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	14.0	9.4	14.2

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#92
Benzo(g,h,i)perylene
Concen: 2.833 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.02 min
Lab File: BF120265.D
Acq: 1 May 2020 18:26

Tgt Ion:	276	Resp:	46430
Ion Ratio	Lower	Upper	
276	100		
277	22.2	18.4	27.6
138	20.2	15.4	23.0

