

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
 Data File : BF120645.D
 Acq On : 18 Jun 2020 16:43
 Operator : JU/CG
 Sample : L3046-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

Manual Integrations
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Quant Time: Jun 18 18:36:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115082	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	412171	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	263928	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	455228	20.00	ng	0.00
76) Chrysene-d12	13.96	240	362253	20.00	ng	0.00
86) Perylene-d12	15.40	264	442010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	528886	78.79	ng	0.00
7) Phenol-d6	6.43	99	788387	94.30	ng	0.00
23) Nitrobenzene-d5	7.36	82	435995	59.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	205201	66.87	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	889659	51.57	ng	0.00
79) Terphenyl-d14	12.90	244	1056356	64.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	90007	4.735	ng	99
71) Phenanthrene	11.34	178	131364	5.805	ng	98
75) Fluoranthene	12.53	202	204602	7.908	ng	97
78) Pyrene	12.76	202	214699	8.366	ng	98
81) Benzo(a)anthracene	13.94	228	81870	3.762	ng	98
83) Chrysene	13.98	228	90564	4.057	ng	96
87) Indeno(1,2,3-cd)pyrene	16.81	276	54145	2.014	ng	97
88) Benzo(b)fluoranthene	14.98	252	122513m	4.653	ng	
90) Benzo(a)pyrene	15.33	252	76477	3.246	ng	# 92
92) Benzo(g,h,i)perylene	17.24	276	48023	2.210	ng	98

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

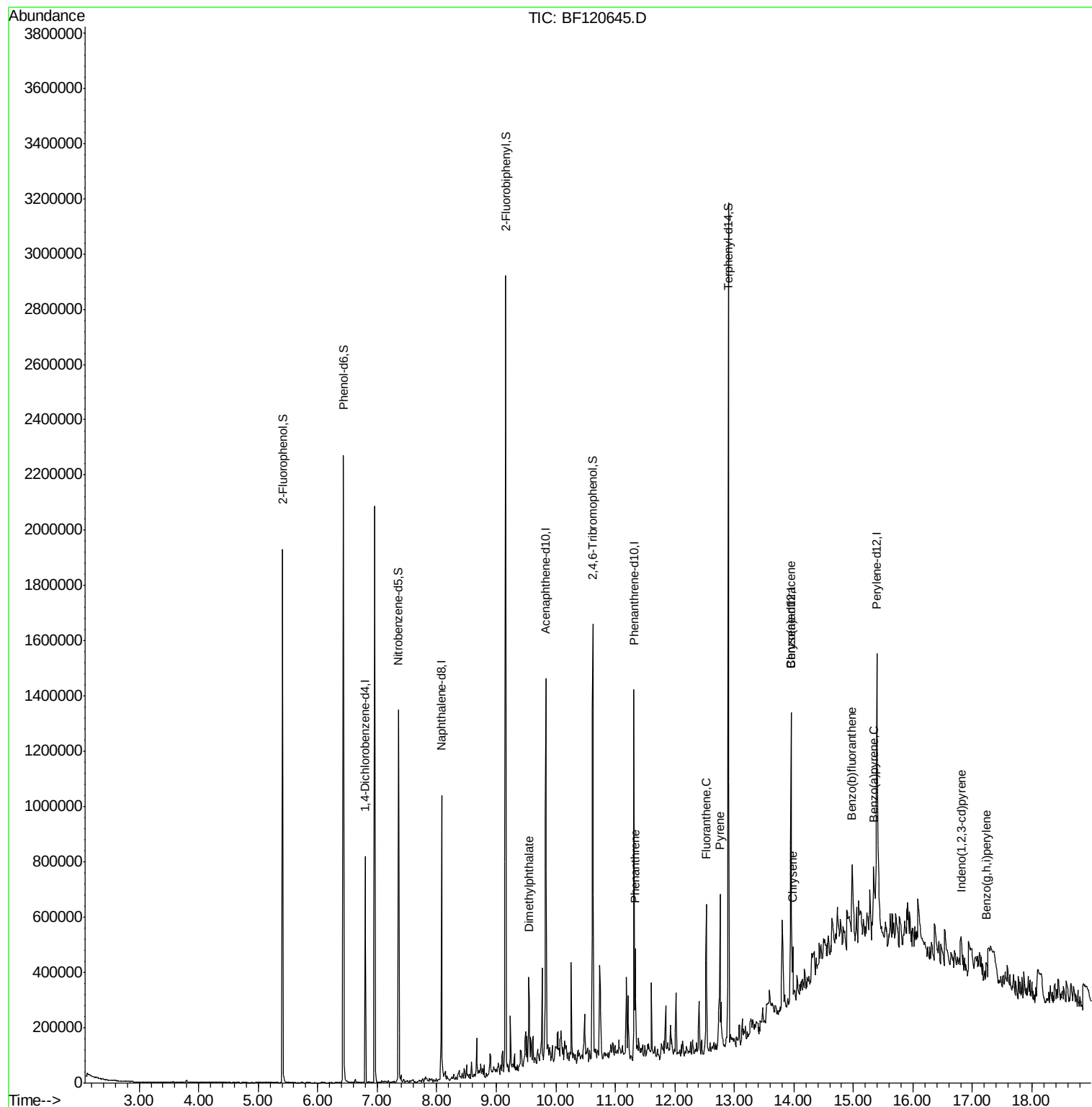
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120645.D
Acq On : 18 Jun 2020 16:43
Operator : JU/CG
Sample : L3046-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

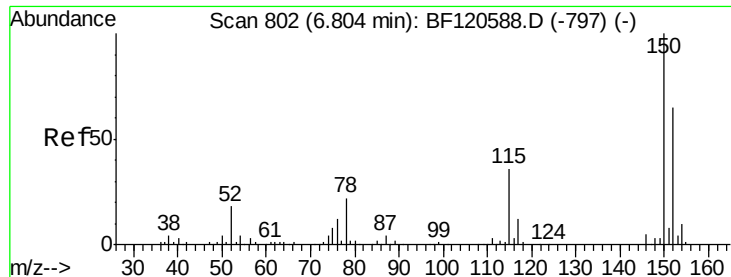
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

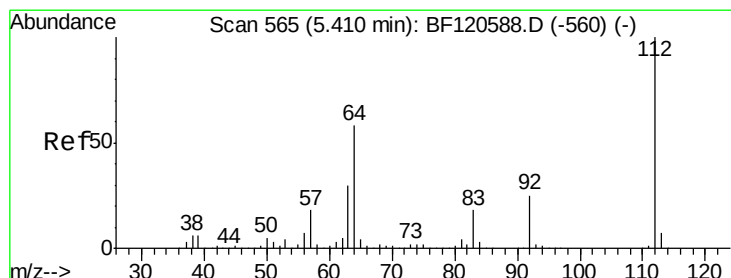
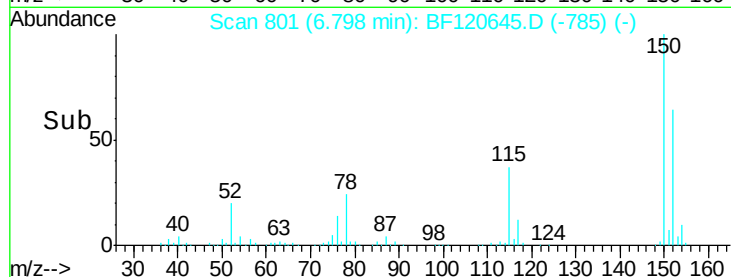
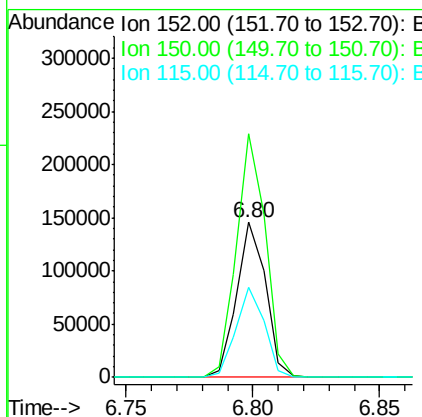
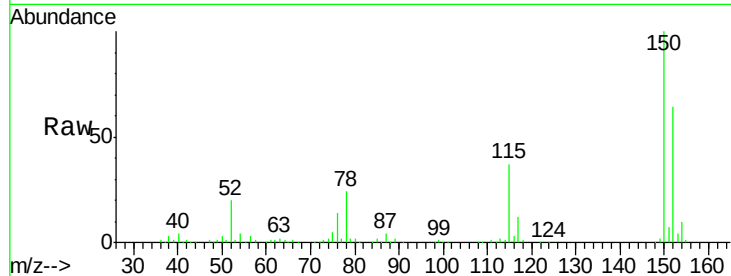
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_F
ClientSampleId :
ISS-B-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.2	184.8
115	58.1	43.9	65.9

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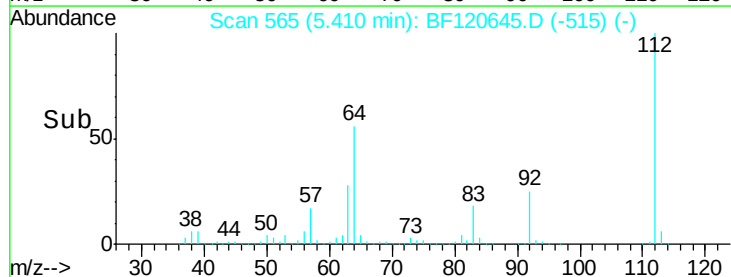
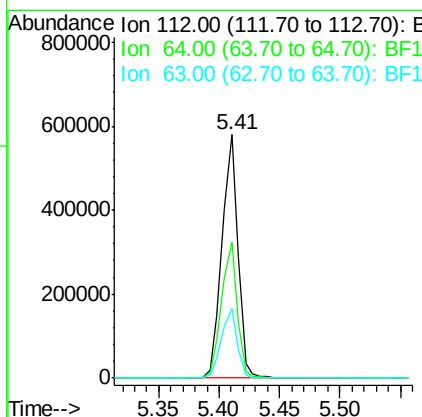
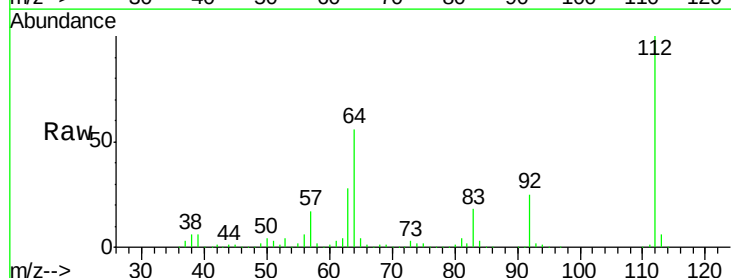
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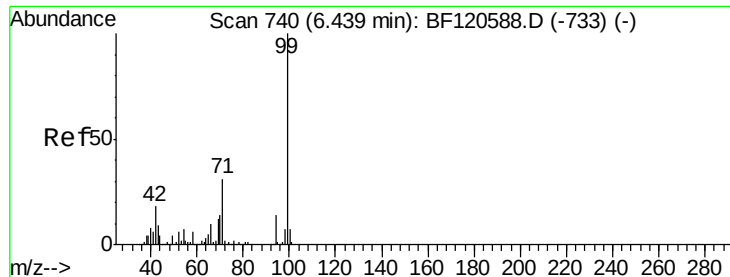


#5

2-Fluorophenol
Concen: 78.792 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.1	69.1
63	28.3	23.7	35.5





#7

Phenol-d6

Concen: 94.301 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_F

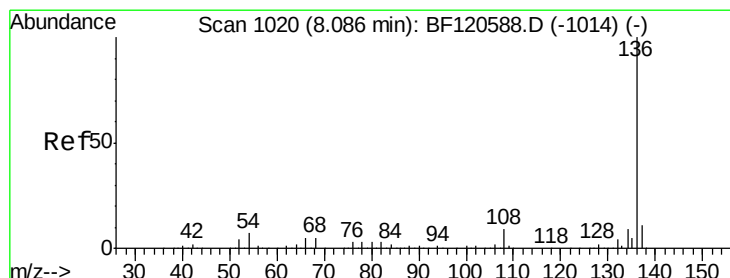
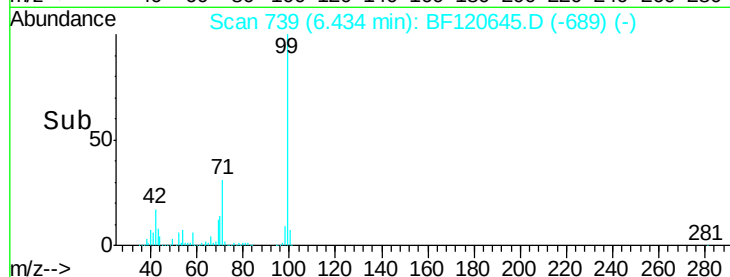
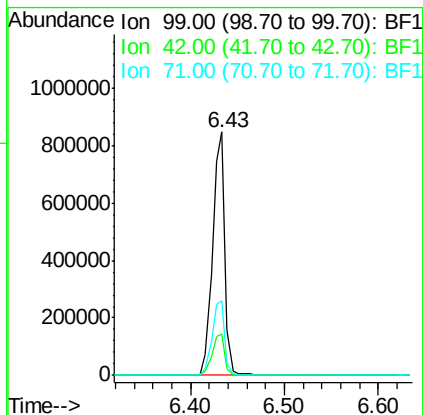
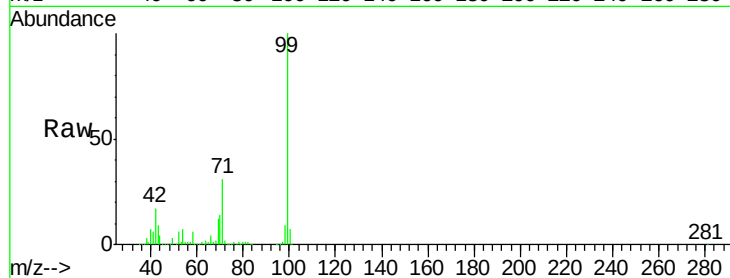
ClientSampled :

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Tot Ion:	99	Resp:	788387
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.0	21.0
71	30.9	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

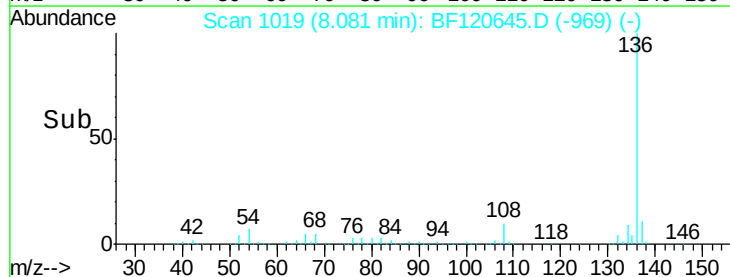
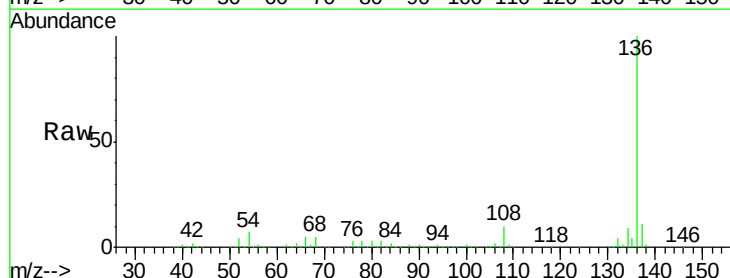
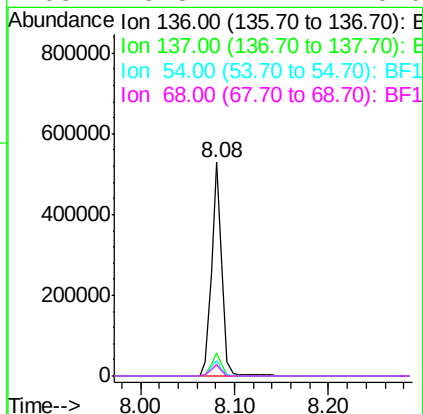
RT: 8.08 min Scan# 1019

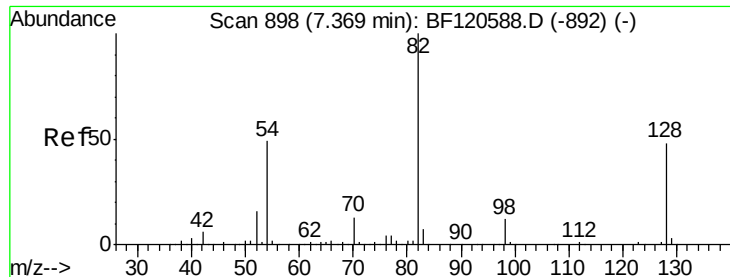
Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Tgt Ion:	136	Resp:	412171
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	5.8	8.6
68	5.3	4.4	6.6





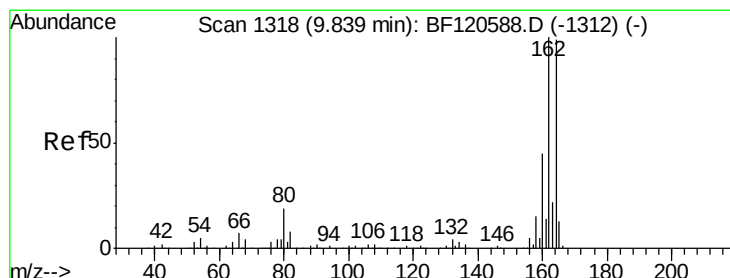
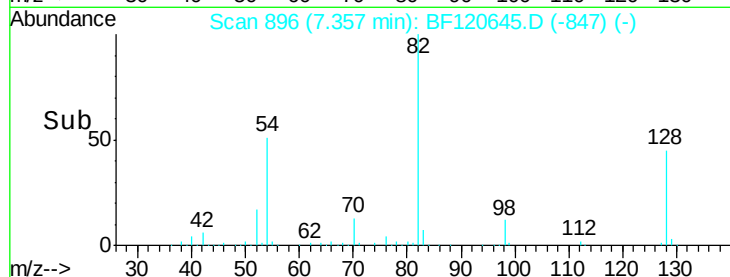
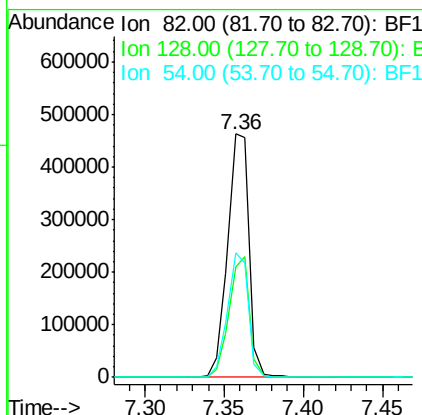
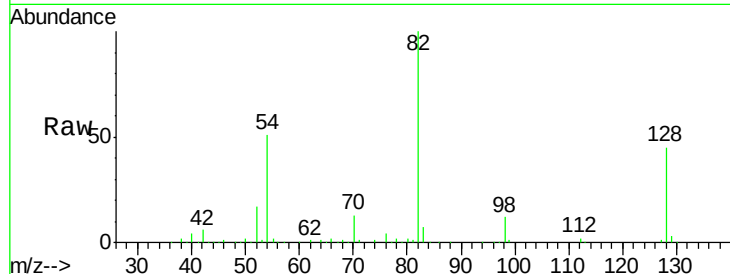
#23
Nitrobenzene-d5
Concen: 59.128 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_F
ClientSampled :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.0	57.0
54	51.1	38.8	58.2

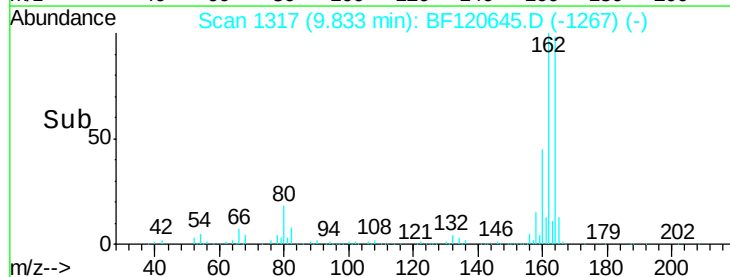
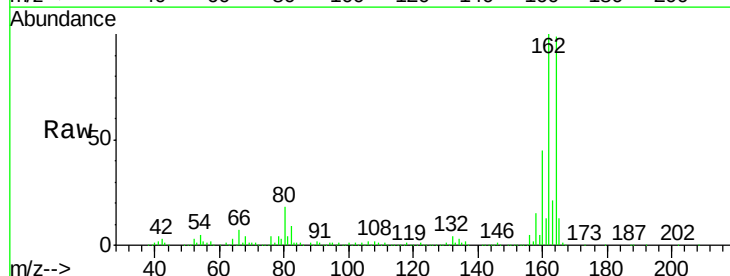
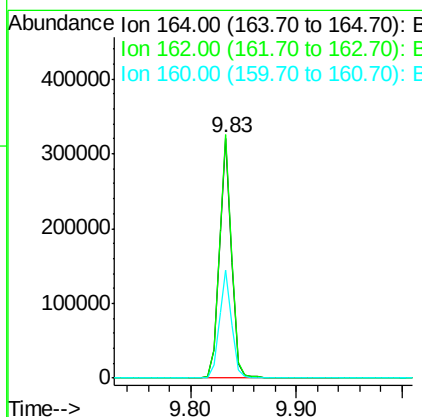
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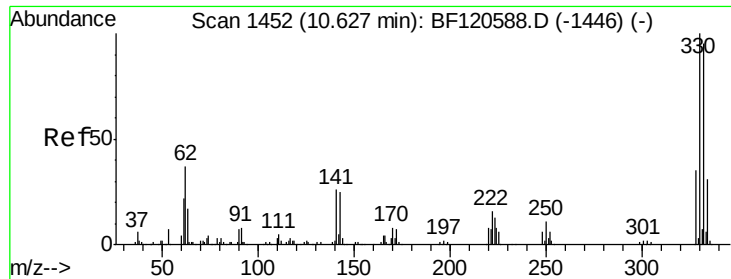
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.2	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 66.873 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_F

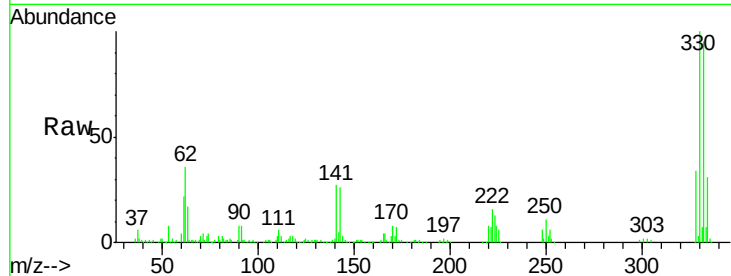
ClientSampleId :

ISS-B-C

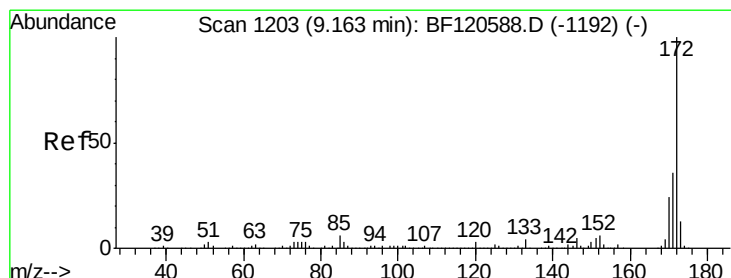
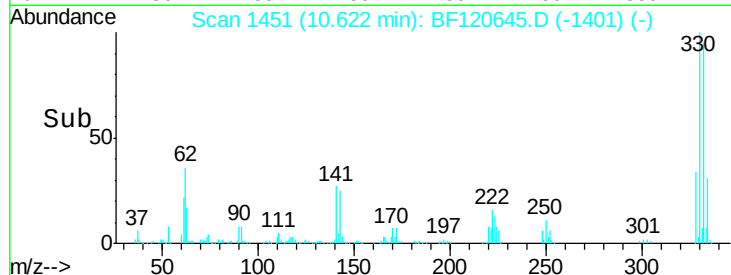
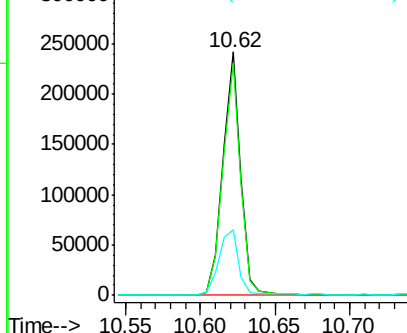
Tot Ion:	330	Resp:	205201
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.8	115.2
141	28.9	23.2	34.8

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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: 51.573 ng

RT: 9.16 min Scan# 1202

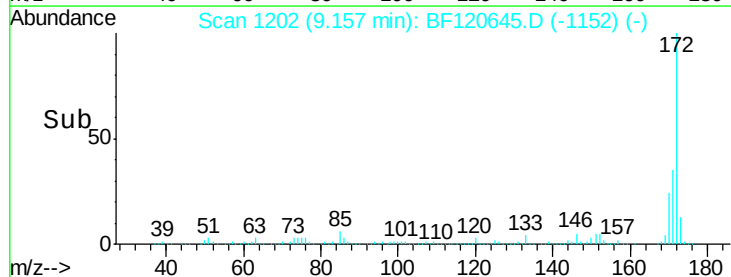
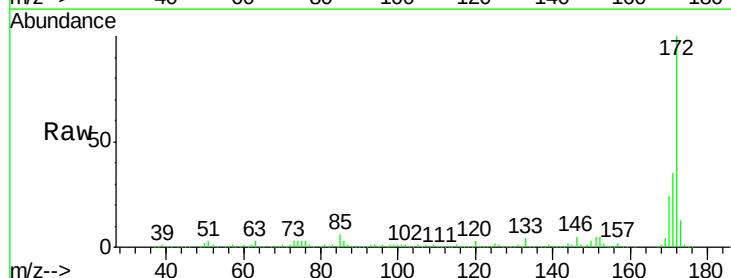
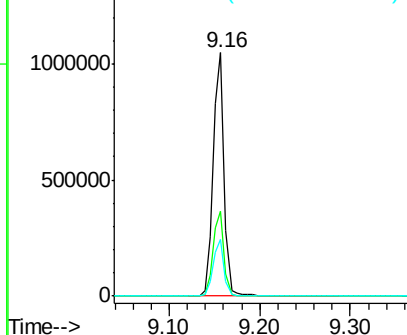
Delta R.T. -0.01 min

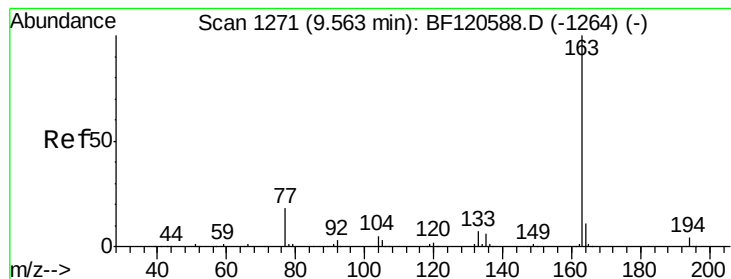
Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Tgt Ion:	172	Resp:	889659
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.0	43.4
170	23.6	19.4	29.2

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: 4.735 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_F

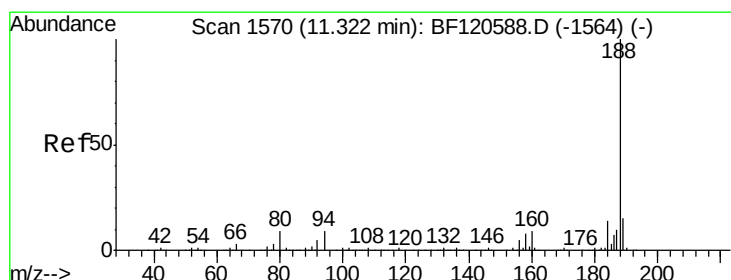
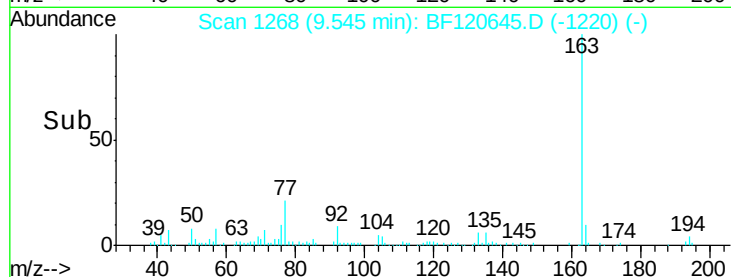
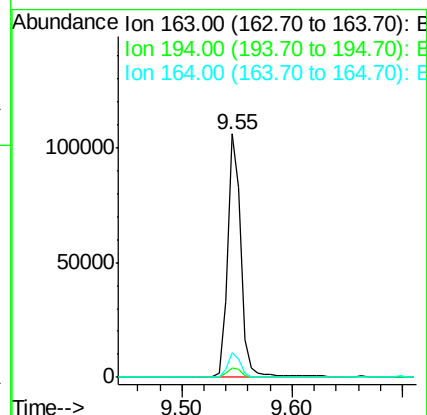
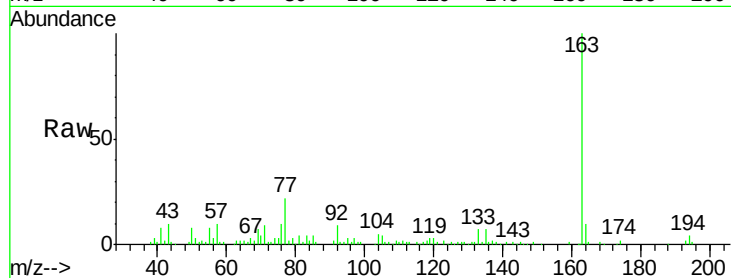
ClientSampled :

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Tot Ion:	163	Resp:	90007
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.1	4.7
164	10.4	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

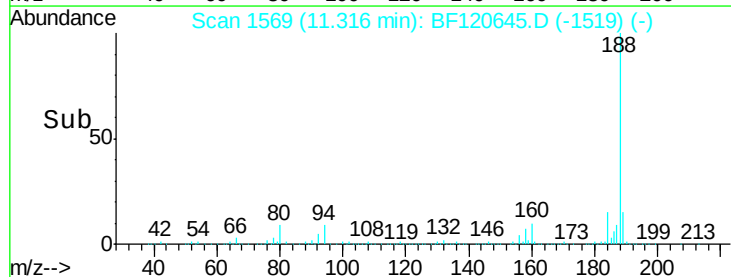
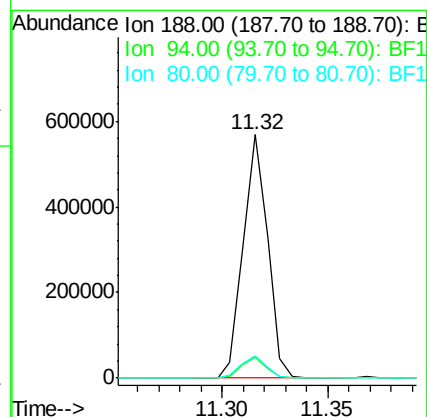
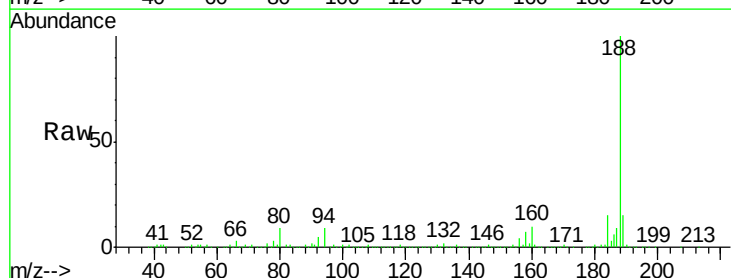
RT: 11.32 min Scan# 1569

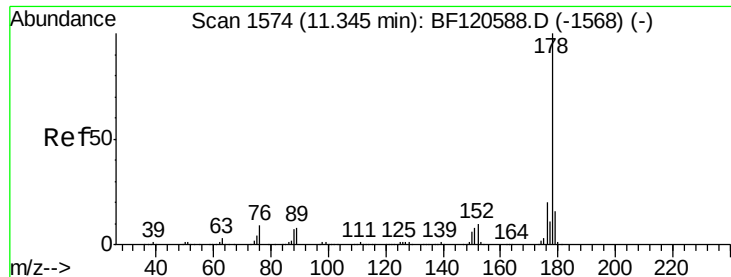
Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Tgt Ion:	188	Resp:	455228
Ion Ratio	Lower	Upper	
188	100		
94	8.7	7.2	10.8
80	9.0	7.4	11.2





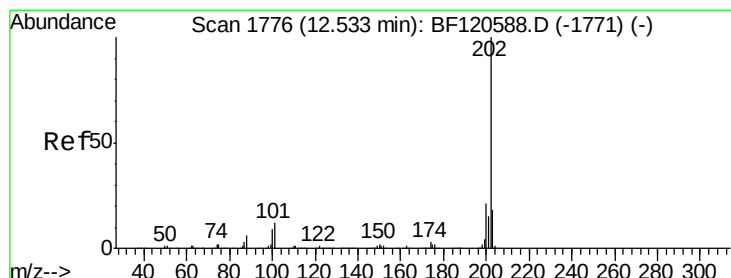
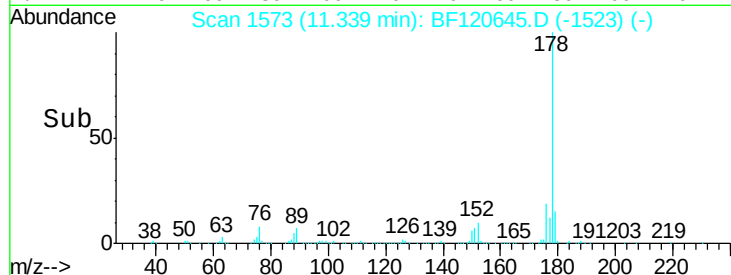
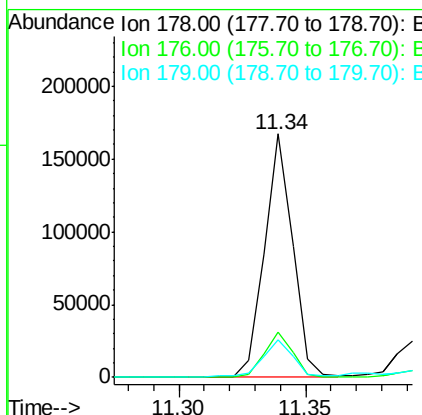
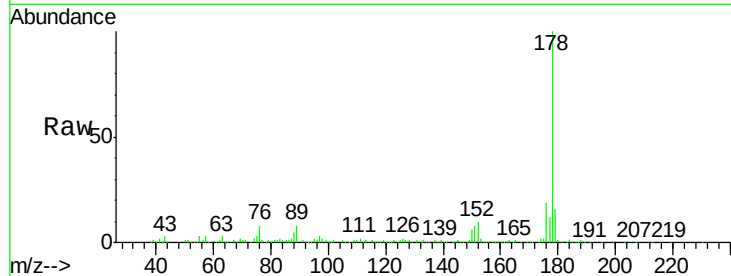
#71
Phenanthrene
Concen: 5.805 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.6	12.8	19.2

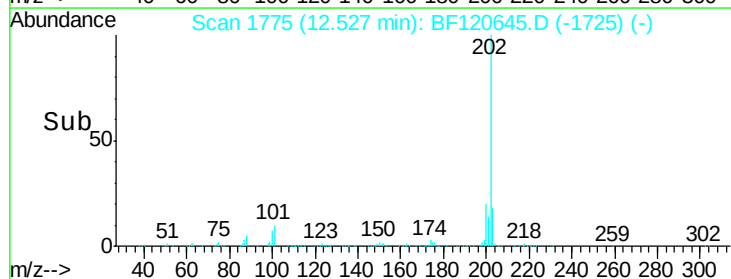
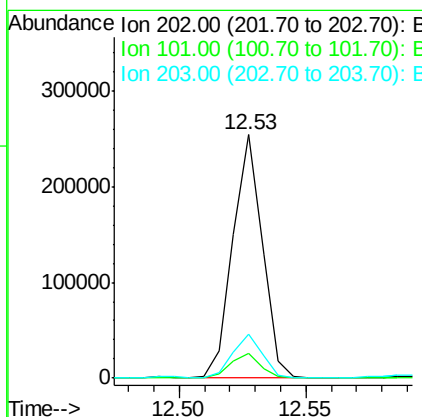
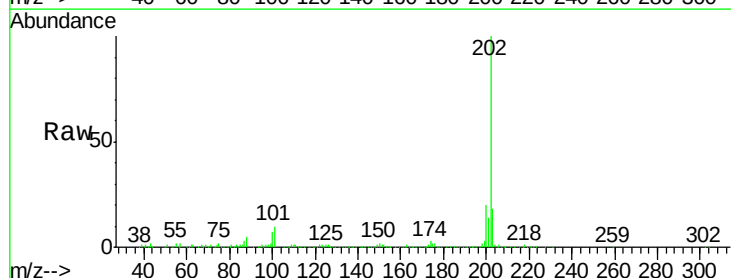
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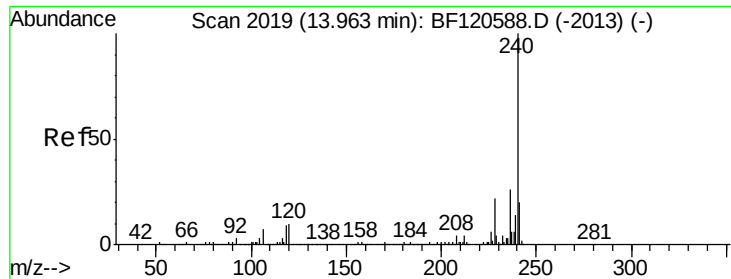
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#75
Fluoranthene
Concen: 7.908 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.0
203	17.9	0.0	38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Instrument :

BNA_F

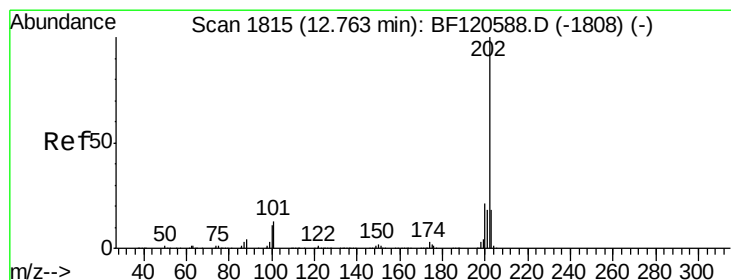
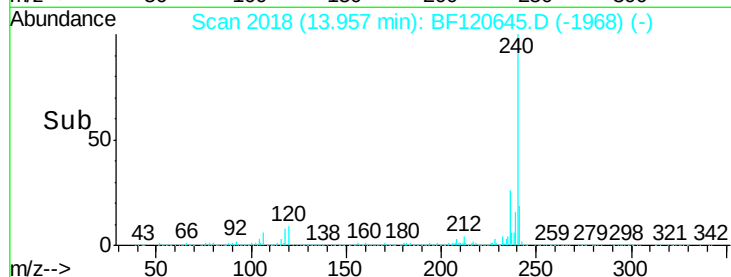
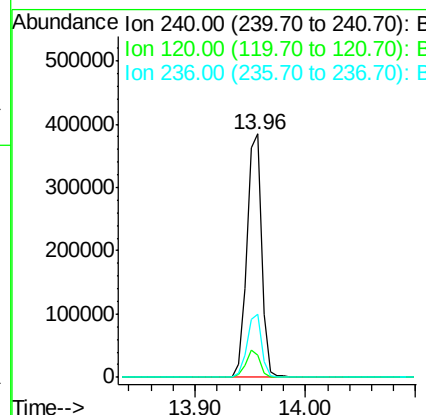
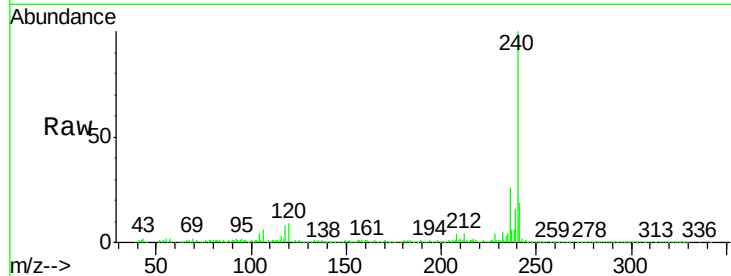
ClientSampleId :

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Tot Ion:	240	Resp:	362253
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.3	12.5
236	25.7	21.0	31.4

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#78

Pyrene

Concen: 8.366 ng

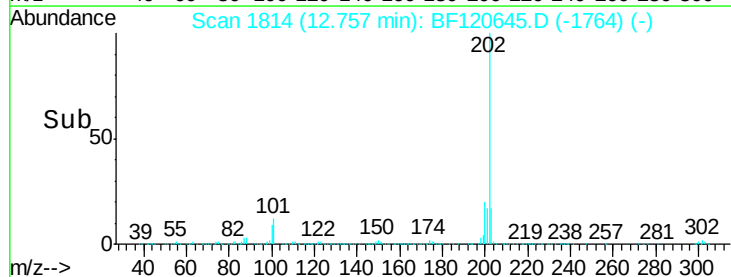
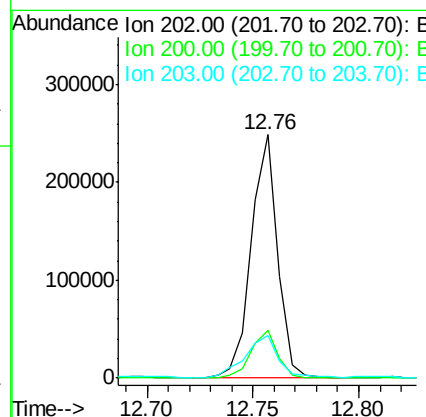
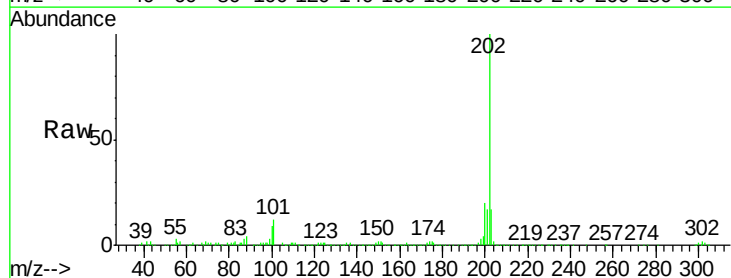
RT: 12.76 min Scan# 1814

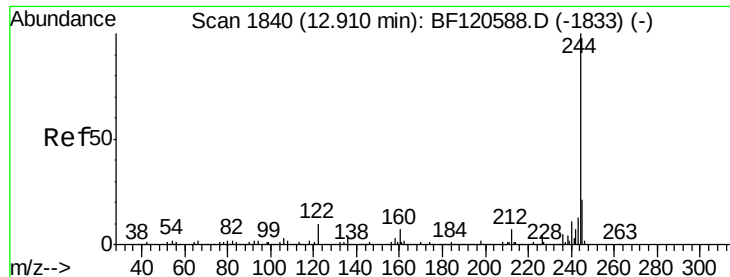
Delta R.T. -0.01 min

Lab File: BF120645.D

Acq: 18 Jun 2020 16:43

Tgt Ion:	202	Resp:	214699
Ion Ratio	Lower	Upper	
202	100		
200	19.6	16.8	25.2
203	17.5	14.3	21.5





#79
 Terphenyl-d14
 Concen: 64.413 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120645.D
 Acq: 18 Jun 2020 16:43

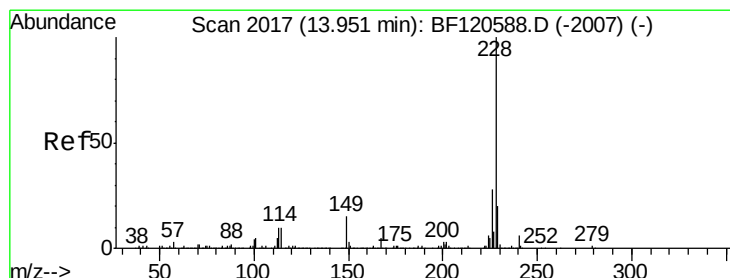
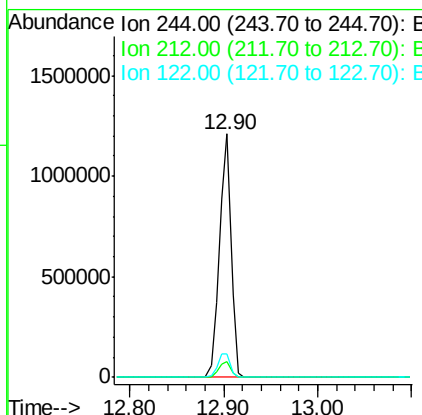
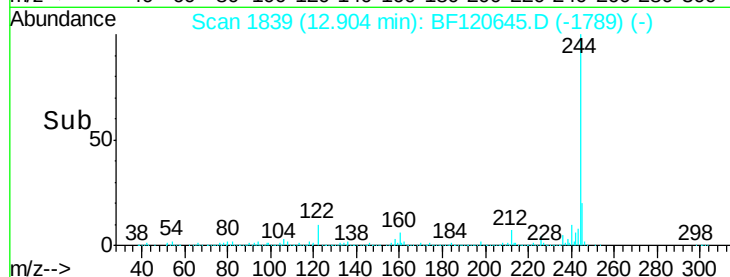
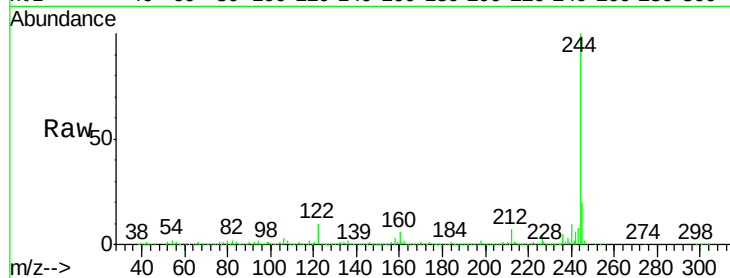
Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

Tot Ion:244 Resp: 1056356

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	9.9	8.3	12.5

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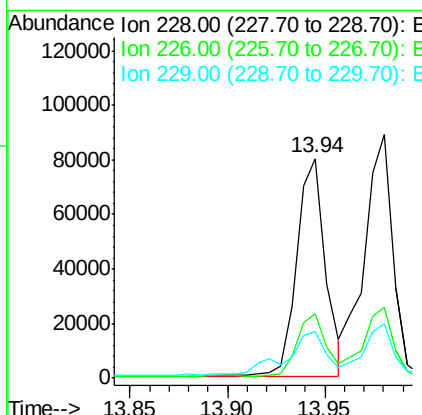
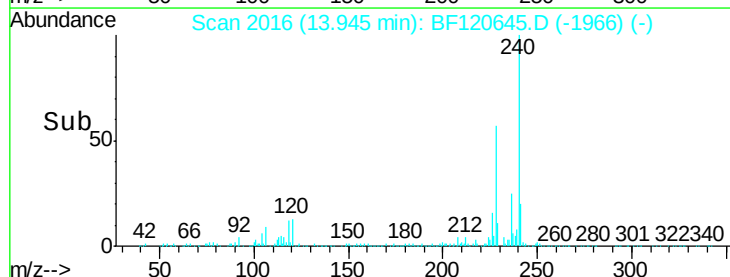
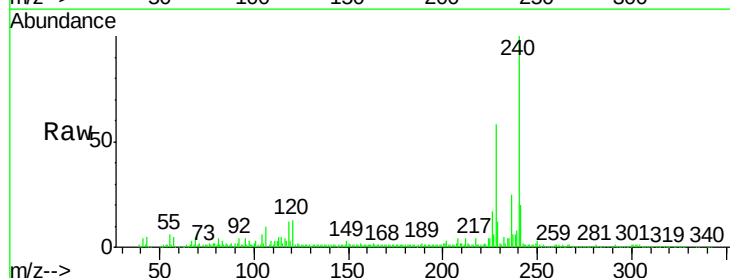
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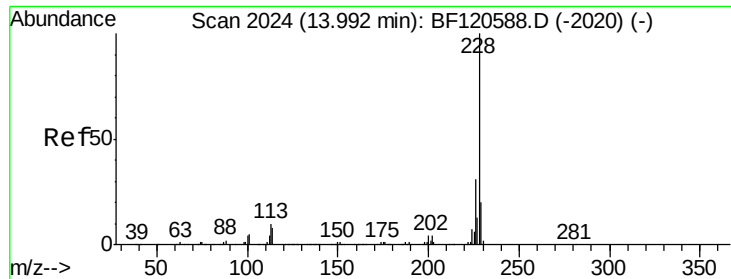


#81
 Benzo(a)anthracene
 Concen: 3.762 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF120645.D
 Acq: 18 Jun 2020 16:43

Tgt Ion:228 Resp: 81870

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.5	33.7
229	21.0	16.1	24.1





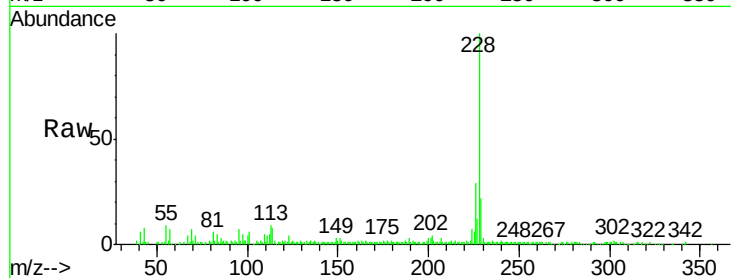
#83
Chrysene
Concen: 4.057 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_F
ClientSampleId :
ISS-B-C

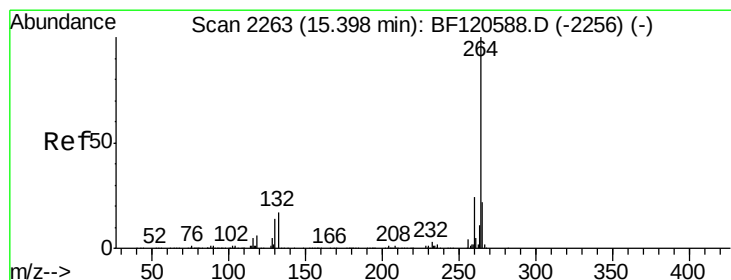
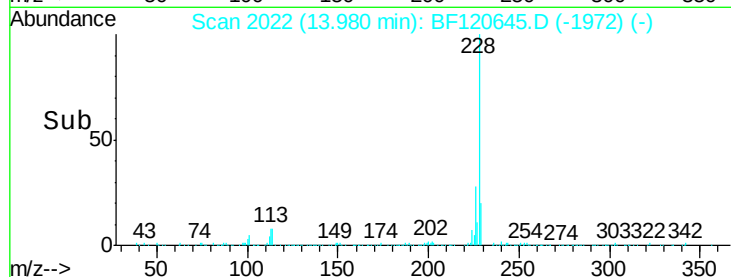
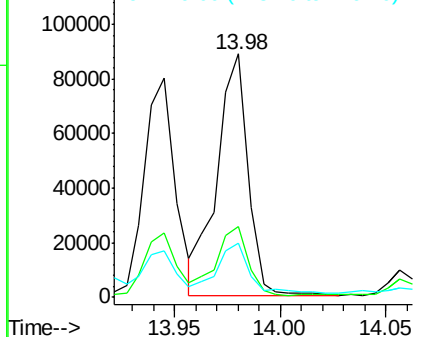
Tot Ion:	228	Resp:	90564
Ion Ratio	Lower	Upper	
228	100		
226	29.0	24.9	37.3
229	22.2	16.1	24.1

Manual Integrations
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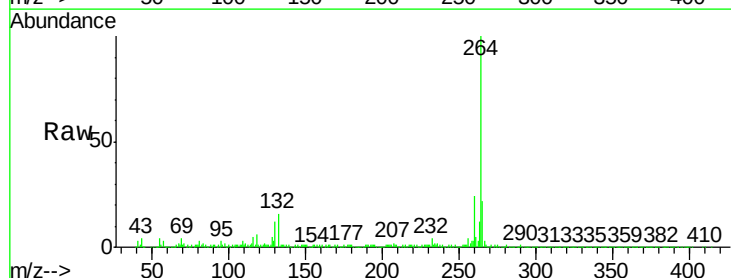


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

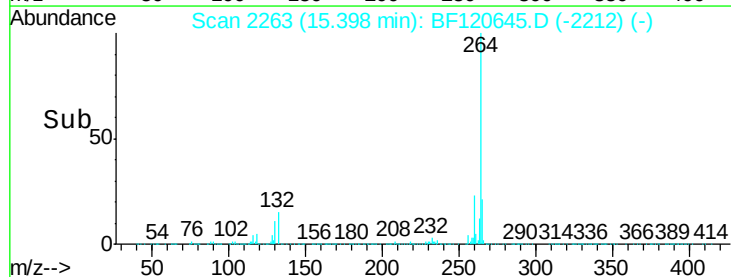
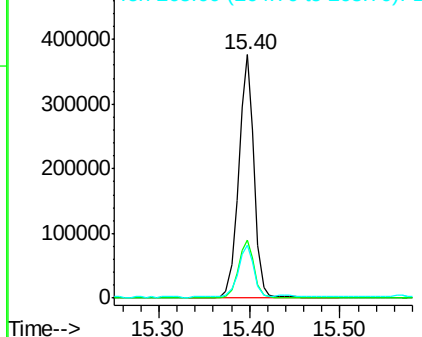


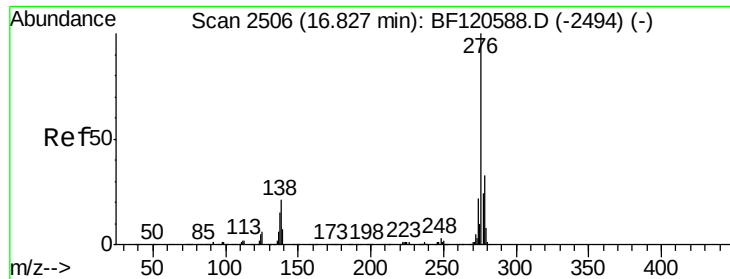
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Tgt Ion:	264	Resp:	442010
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.3	28.9
265	21.7	17.8	26.8



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





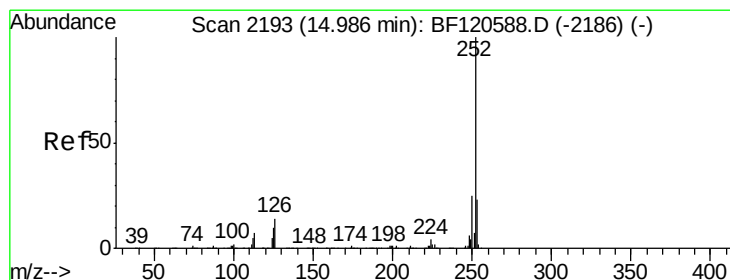
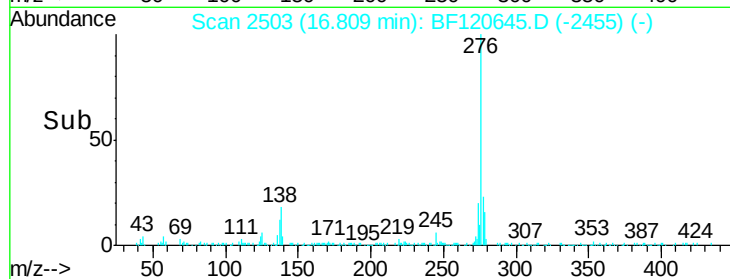
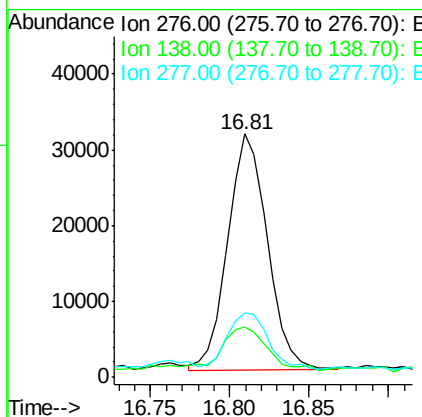
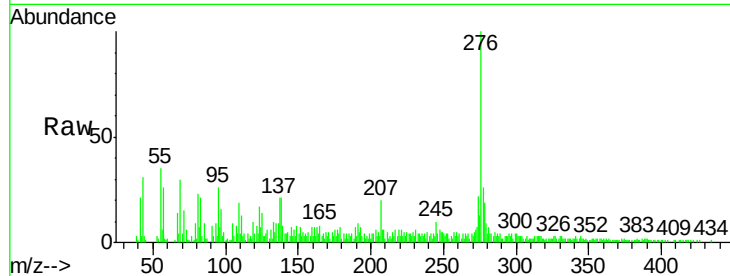
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.014 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. -0.02 min
 Lab File: BF120645.D
 Acq: 18 Jun 2020 16:43

Instrument :
 BNA_F
 ClientSampleId :
 ISS-B-C

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.9	28.3
277	24.2	20.2	30.2

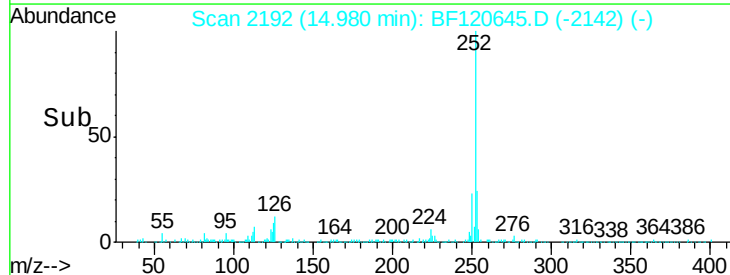
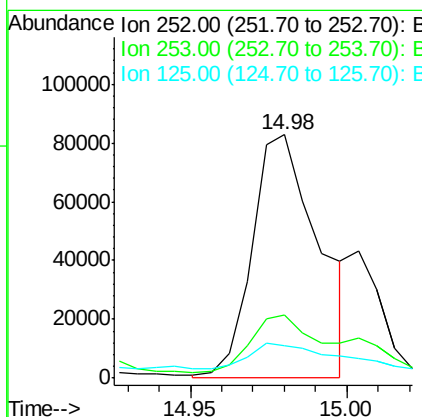
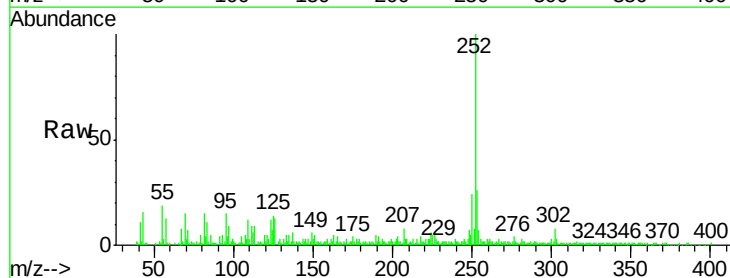
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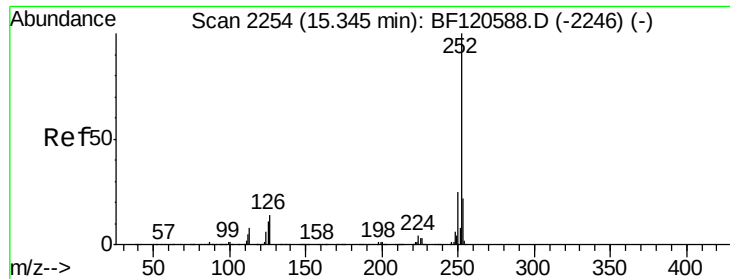
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#88
 Benzo(b)fluoranthene
 Concen: 4.653 ng m
 RT: 14.98 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BF120645.D
 Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.1	27.1
125	13.5	8.3	12.5#





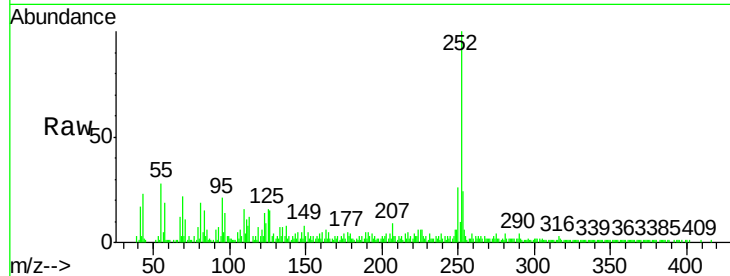
#90
Benzo(a)pyrene
Concen: 3.246 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Instrument :
BNA_F
ClientSampleId :
ISS-B-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	16.2	8.6	12.8

Manual Integrations
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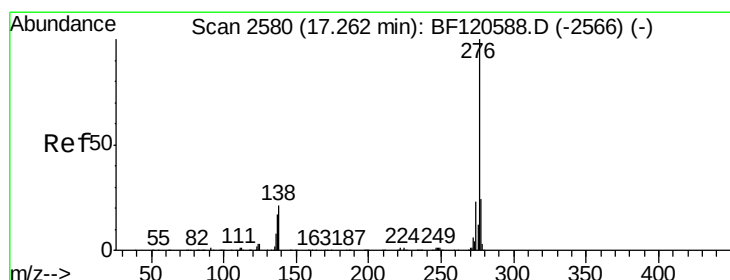
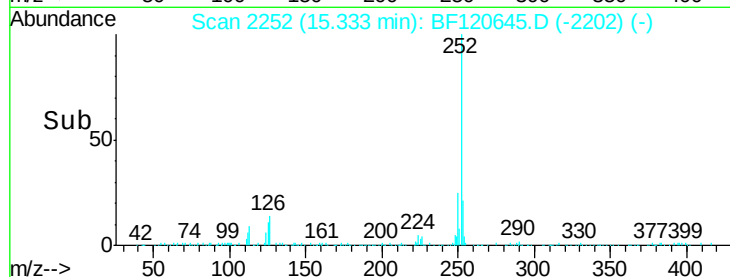
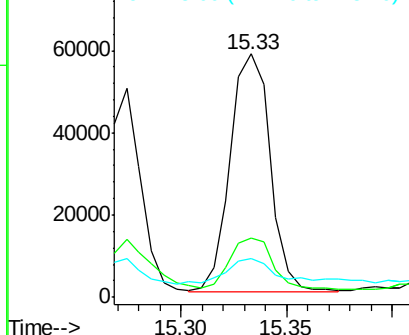


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.210 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF120645.D
Acq: 18 Jun 2020 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.6	29.4
138	19.3	16.5	24.7

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

