

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
 Data File : BF120682.D
 Acq On : 22 Jun 2020 18:05
 Operator : JU/CG
 Sample : L3082-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Manual Integrations
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Sohil
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Quant Time: Jun 22 18:48:13 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	122078	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	502847	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	250636	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	470662	20.00	ng	0.00
76) Chrysene-d12	13.96	240	416480	20.00	ng	0.00
86) Perylene-d12	15.40	264	429171	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	687389	96.54	ng	0.00
7) Phenol-d6	6.43	99	871369	98.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	549129	61.04	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	305922	104.98	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1112981	67.94	ng	0.00
79) Terphenyl-d14	12.91	244	1584496	84.04	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.55	163	44838	2.484	ng	99
71) Phenanthrene	11.34	178	209273	8.945	ng	98
72) Anthracene	11.39	178	48081	2.039	ng	99
75) Fluoranthene	12.53	202	334897	12.520	ng	96
78) Pyrene	12.76	202	291030	9.864	ng	99
81) Benzo(a)anthracene	13.95	228	131354	5.250	ng	98
83) Chrysene	13.99	228	120123	4.680	ng	98
87) Indeno(1,2,3-cd)pyrene	16.82	276	75453	2.890	ng	97
88) Benzo(b)fluoranthene	14.99	252	176362m	6.899	ng	
89) Benzo(k)fluoranthene	15.01	252	54633m	2.415	ng	
90) Benzo(a)pyrene	15.34	252	109853	4.801	ng	98
92) Benzo(a,h,i)perylene	17.25	276	70517	3.342	ng	98

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

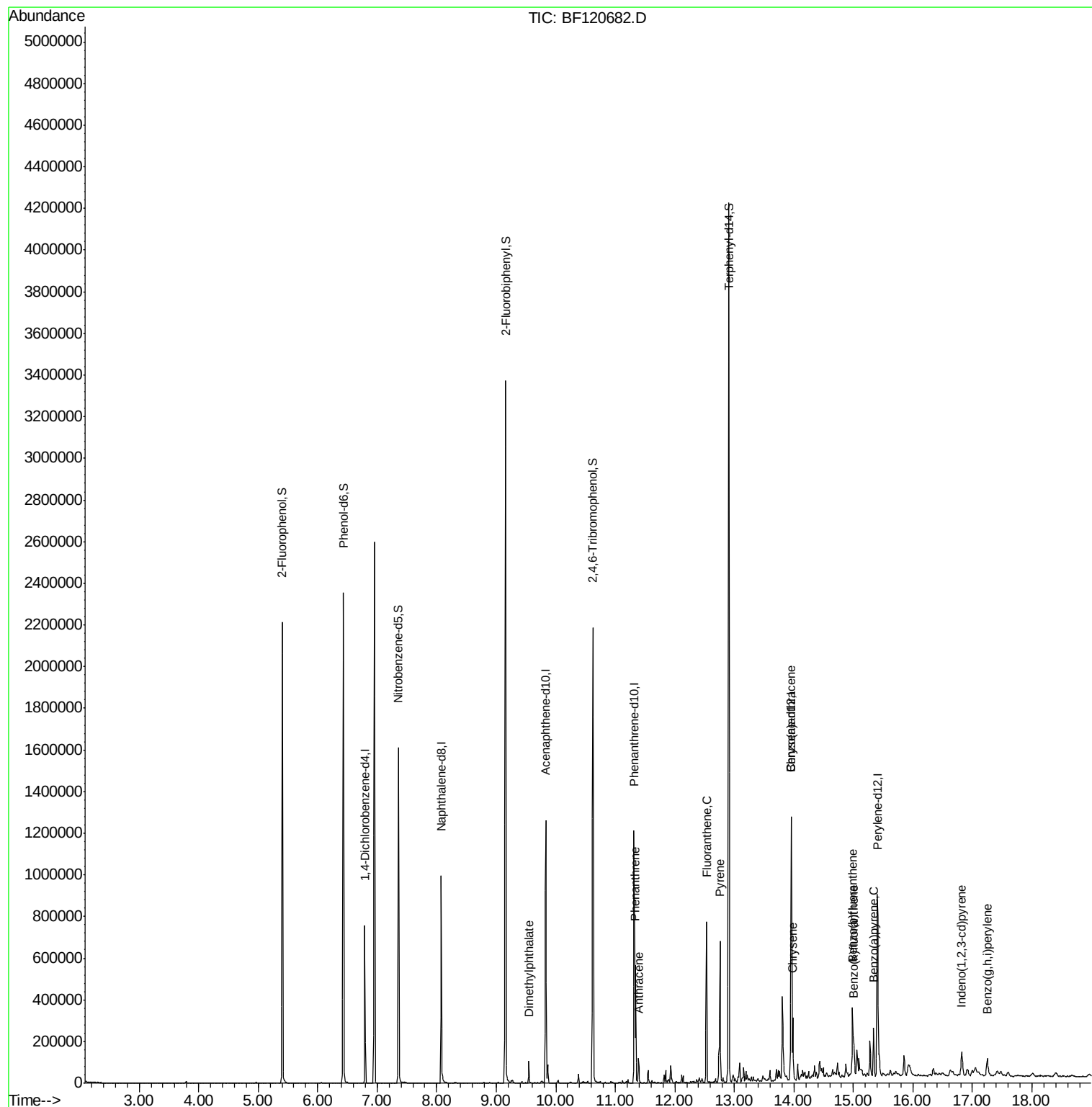
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062220\
Data File : BF120682.D
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ALS Vial : 7 Sample Multiplier: 1

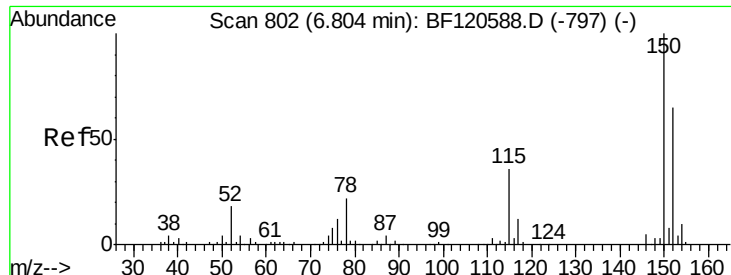
Instrument :
BNA_F
ClientSampleId :
SB-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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#1

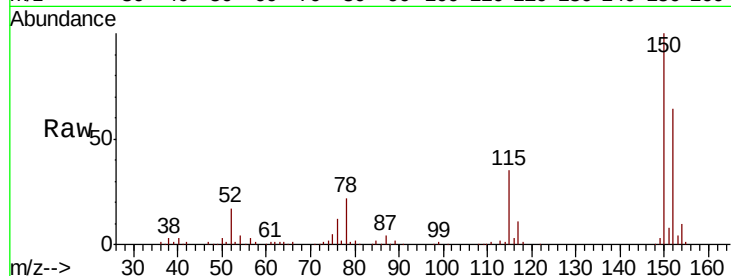
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.2	184.8
115	53.6	43.9	65.9

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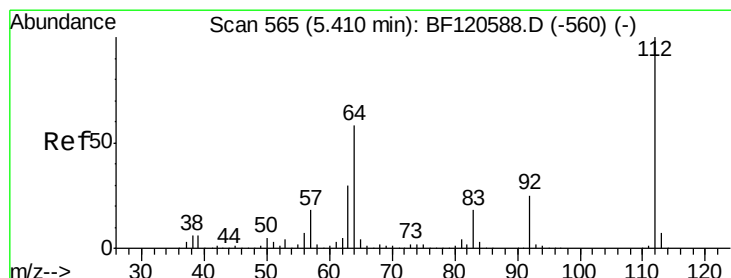
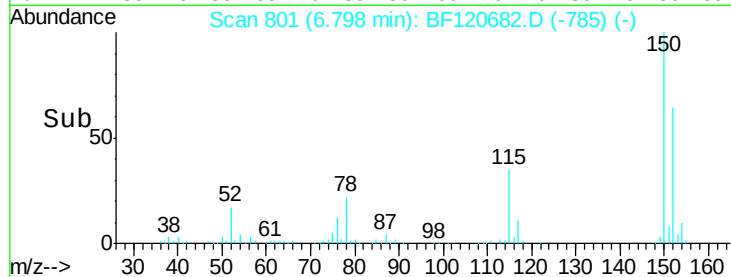
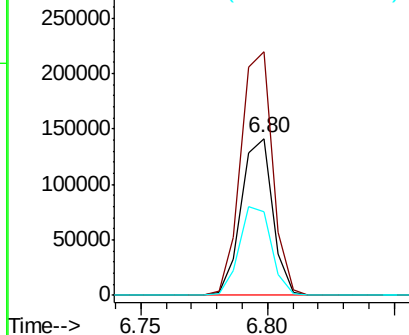


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

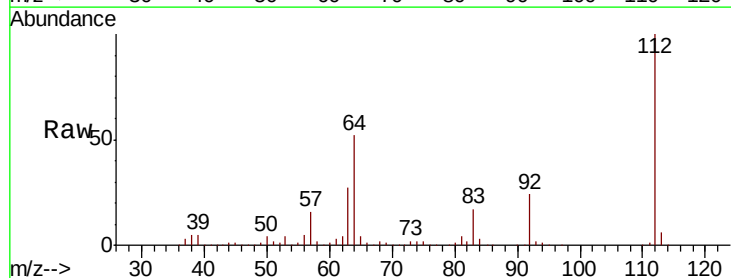
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.536 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	46.1	69.1
63	26.7	23.7	35.5

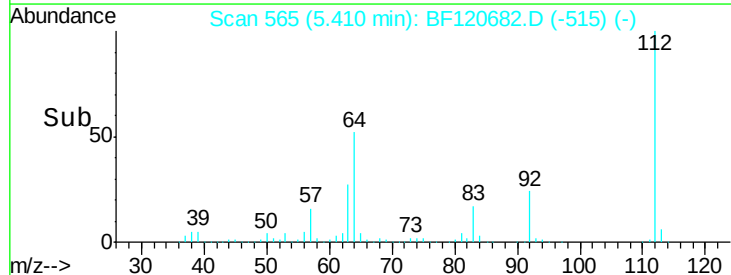
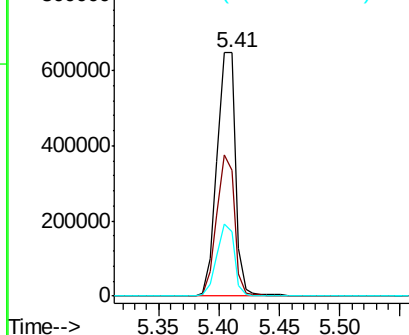


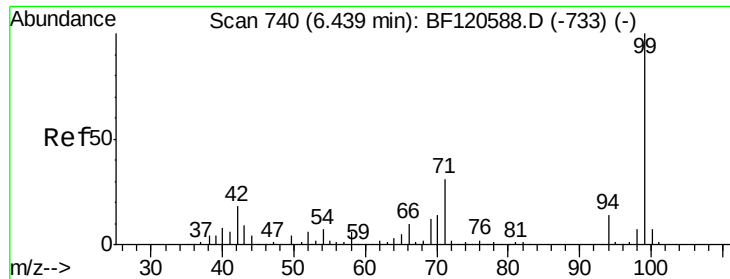
Abundance

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: 98.253 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Instrument :

BNA_F

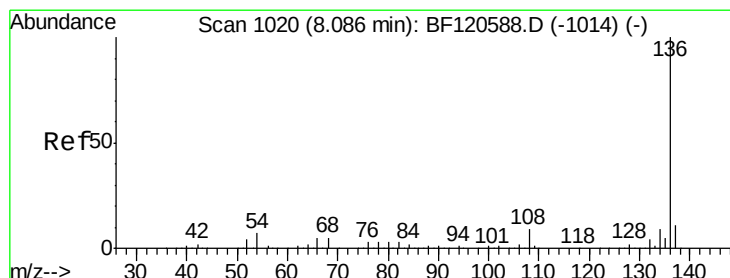
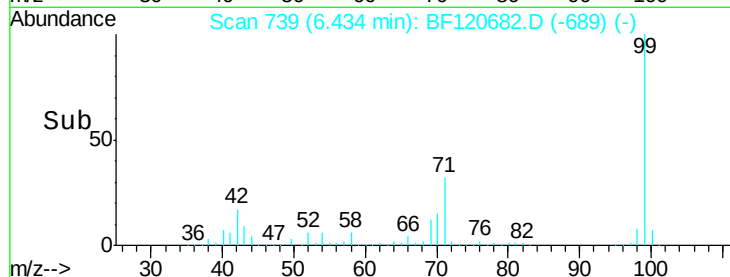
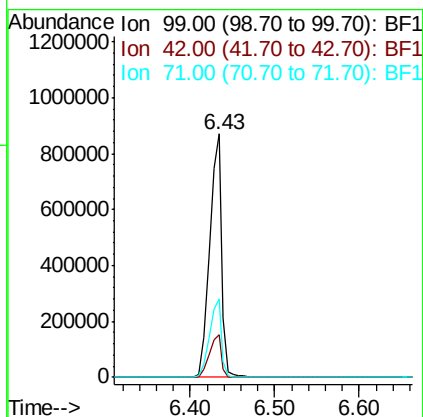
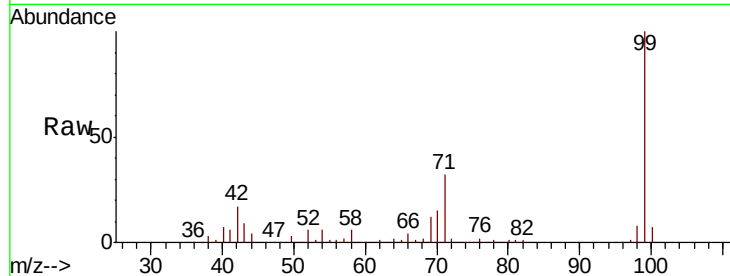
ClientSampled :

SB-1

Tot Ion:	99	Resp:	871369
Ion	Ratio	Lower	Upper
99	100		
42	17.3	14.0	21.0
71	32.4	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

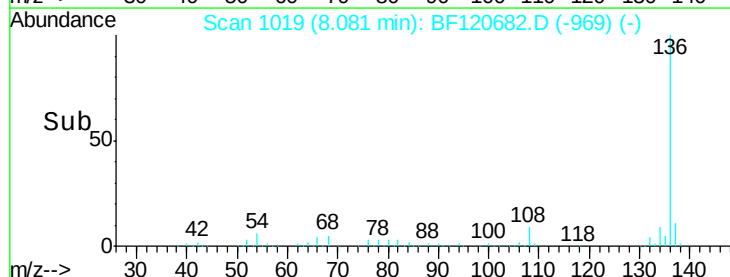
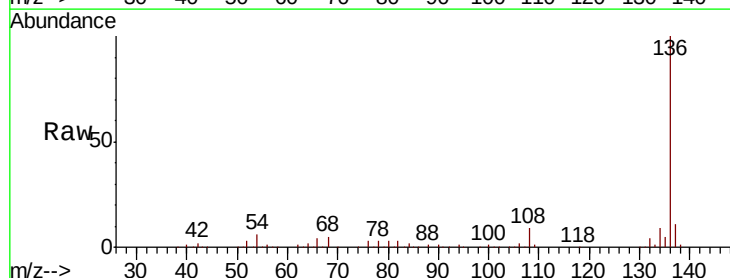
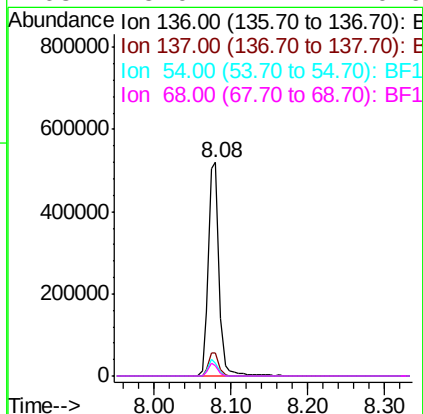
RT: 8.08 min Scan# 1019

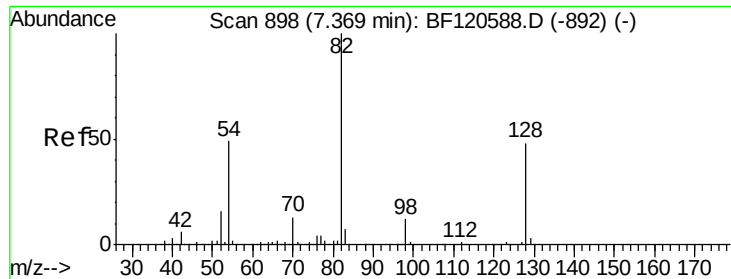
Delta R.T. -0.01 min

Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Tgt Ion:	136	Resp:	502847
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.3	5.8	8.6
68	5.0	4.4	6.6





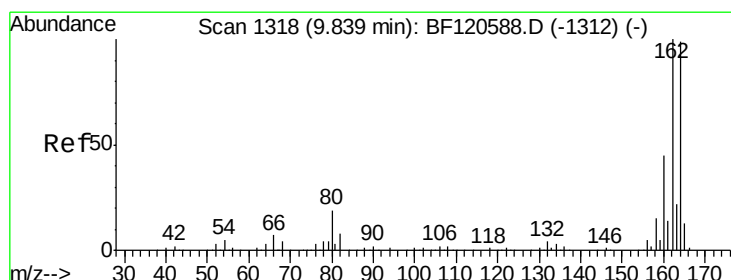
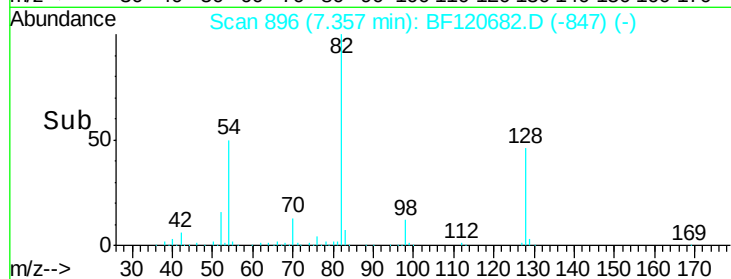
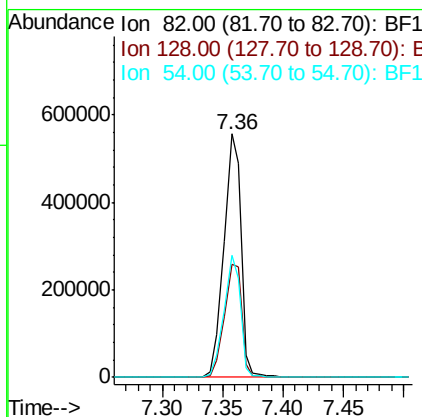
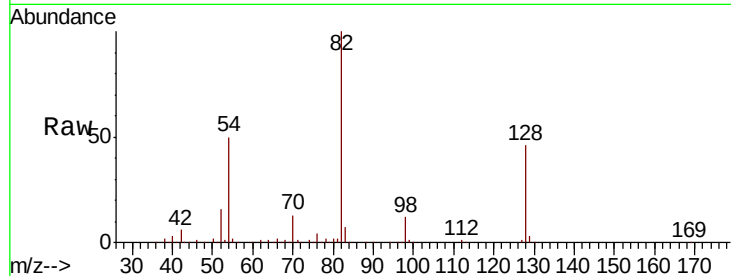
#23
Nitrobenzene-d5
Concen: 61.041 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	38.0	57.0
54	49.9	38.8	58.2

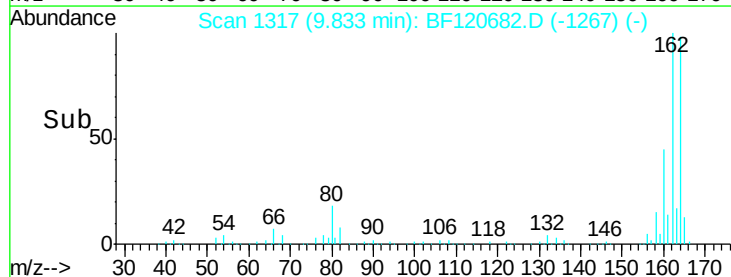
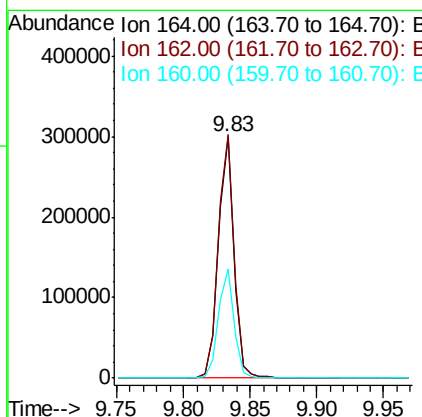
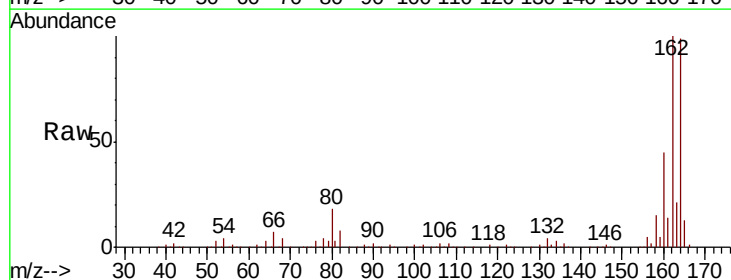
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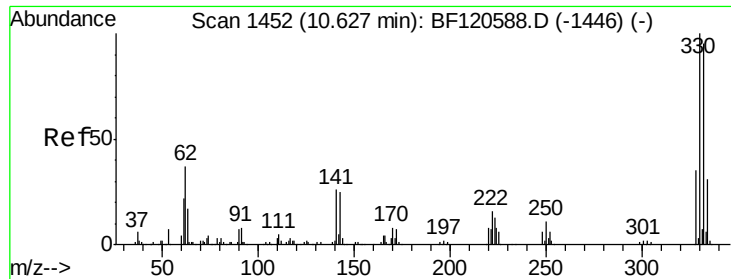
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	45.2	36.2	54.2





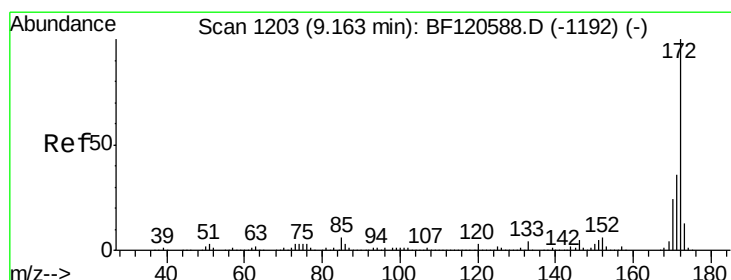
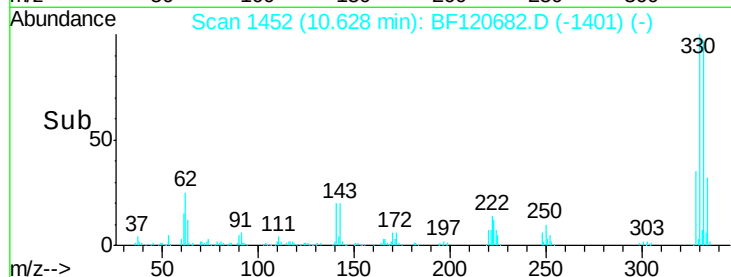
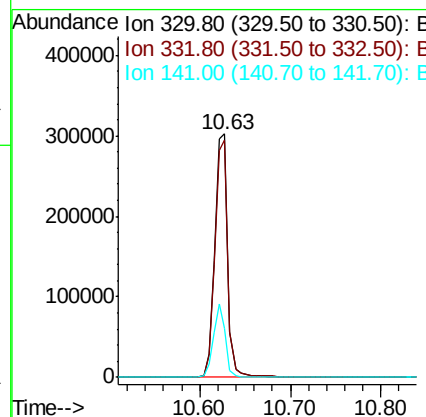
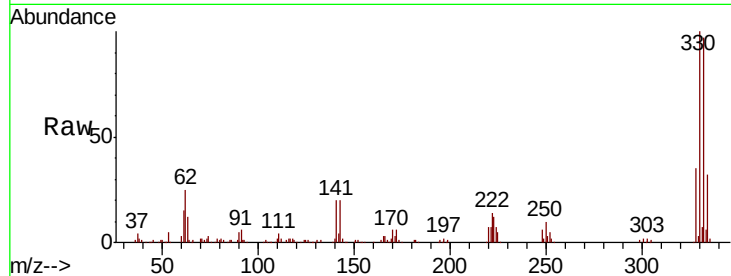
#42
 2,4,6-Tribromophenol
 Concen: 104.984 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: BF120682.D
 Acq: 22 Jun 2020 18:05

Instrument :
 BNA_F
 ClientSampled :
 SB-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	305922		
332	96.2	76.8	115.2	
141	28.0	23.2	34.8	

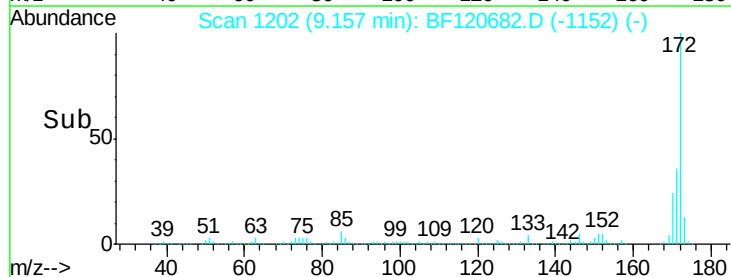
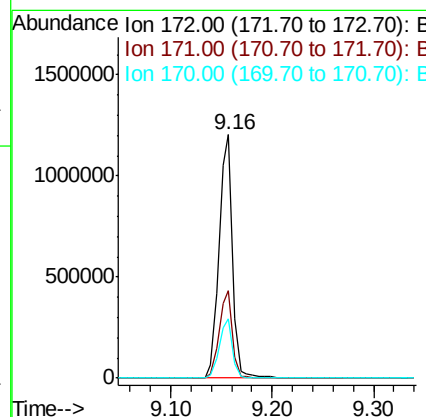
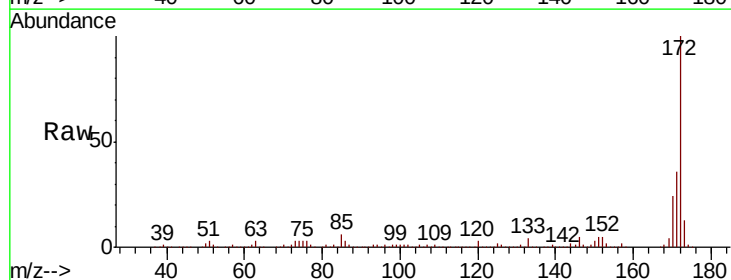
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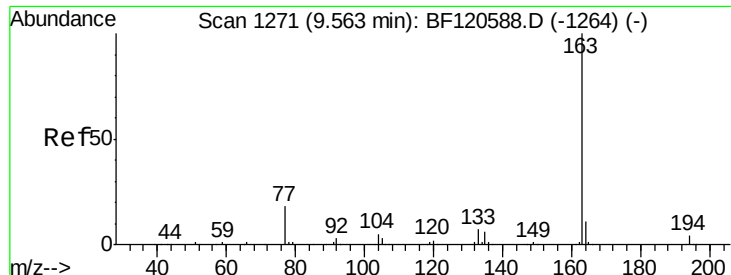
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#45
 2-Fluorobiphenyl
 Concen: 67.941 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF120682.D
 Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1112981		
171	36.0	29.0	43.4	
170	24.1	19.4	29.2	





#50

Dimethylphthalate

Concen: 2.484 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Instrument :

BNA_F

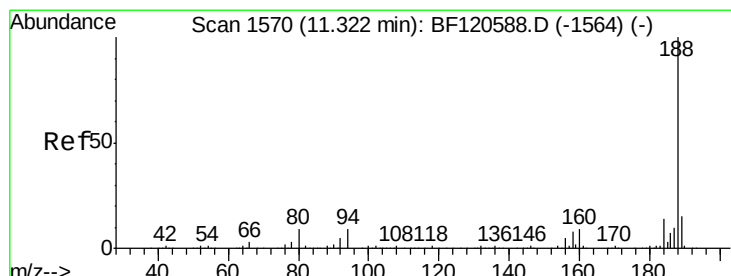
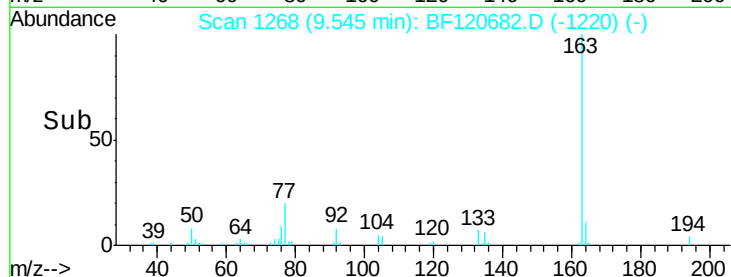
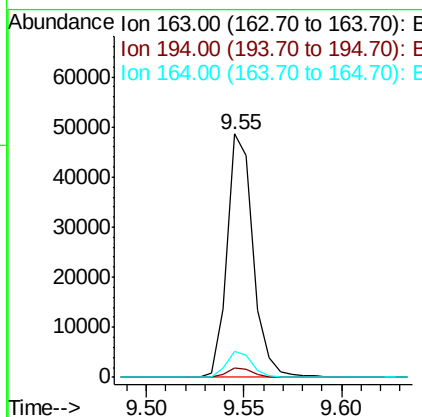
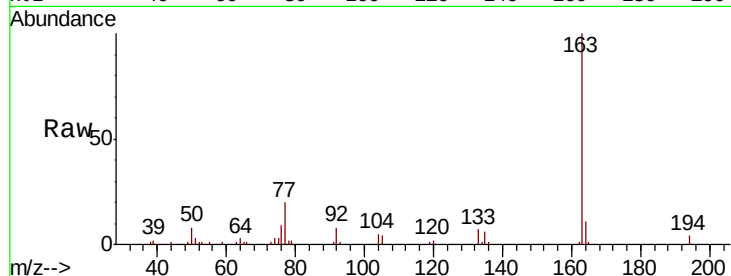
ClientSampled :

SB-1

Tot Ion:	163	Resp:	44838
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	10.9	8.5	12.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

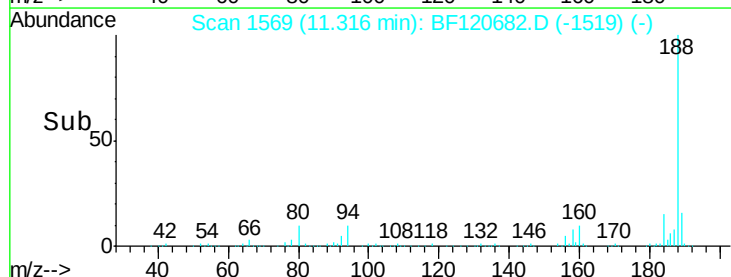
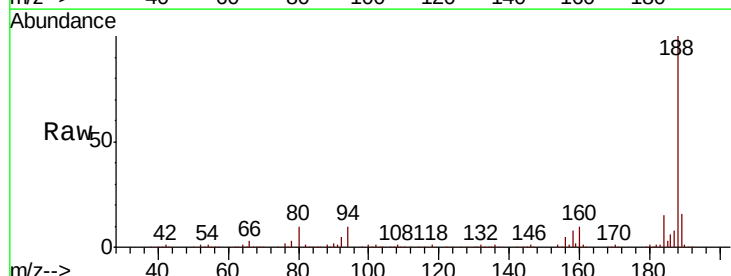
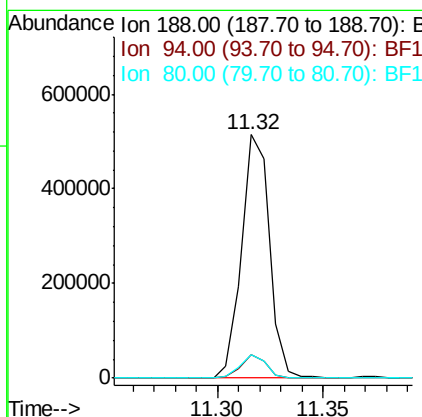
RT: 11.32 min Scan# 1569

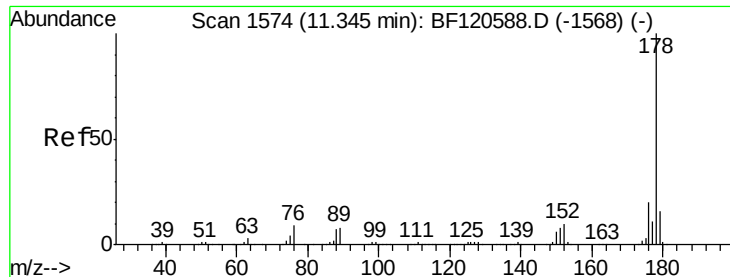
Delta R.T. -0.01 min

Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Tgt Ion:	188	Resp:	470662
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.2	10.8
80	9.9	7.4	11.2





#71

Phenanthrene

Concen: 8.945 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Instrument :

BNA_F

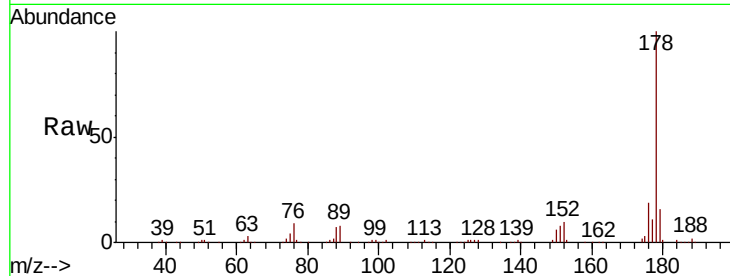
ClientSampleId :

SB-1

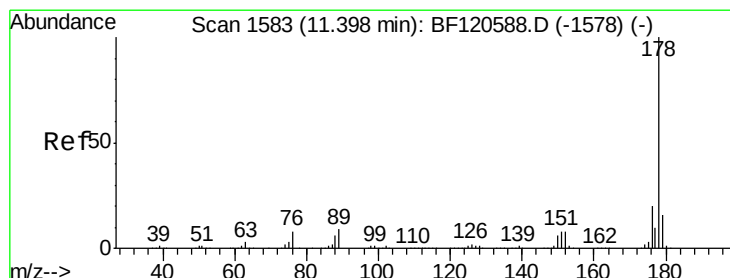
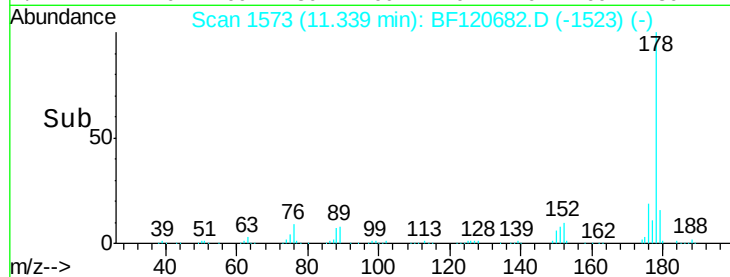
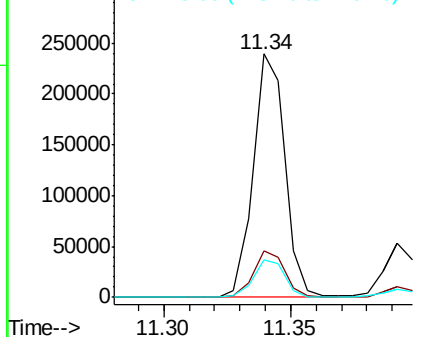
Tot Ion:178	Resp:	209273
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.9 23.9
179	15.6	12.8 19.2

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.039 ng

RT: 11.39 min Scan# 1582

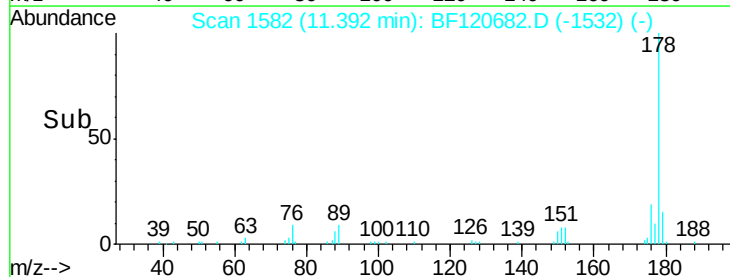
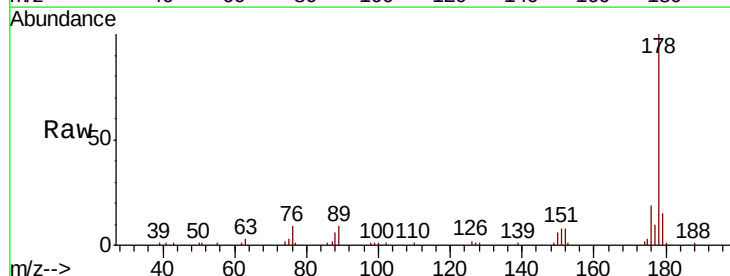
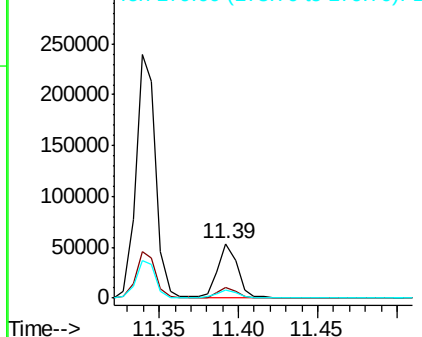
Delta R.T. -0.01 min

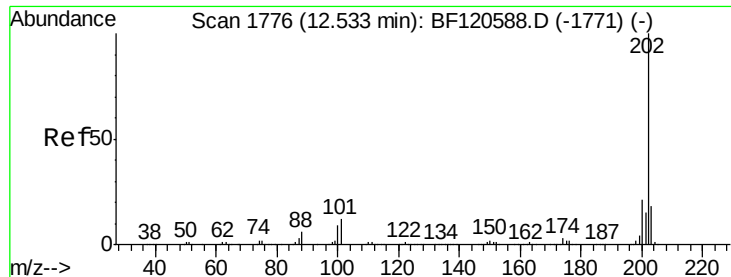
Lab File: BF120682.D

Acq: 22 Jun 2020 18:05

Tgt Ion:178	Resp:	48081
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.6 23.4
179	15.5	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





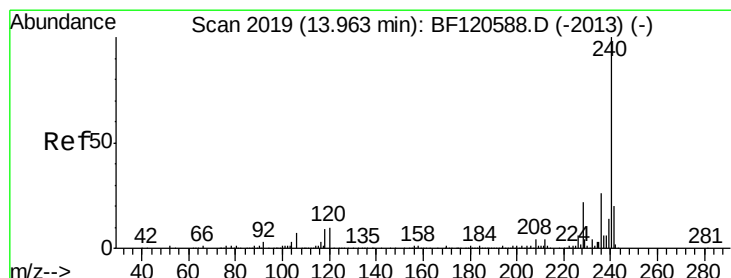
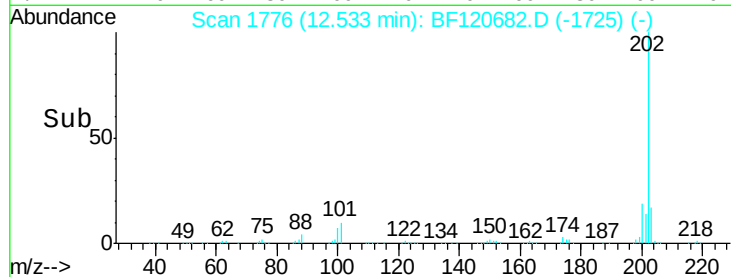
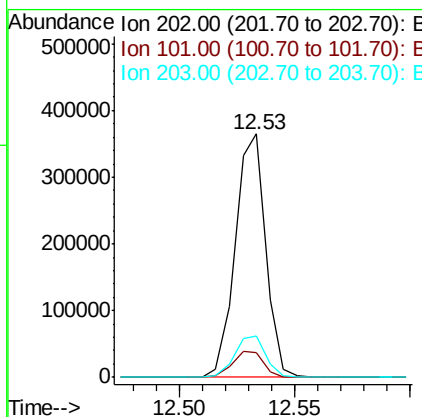
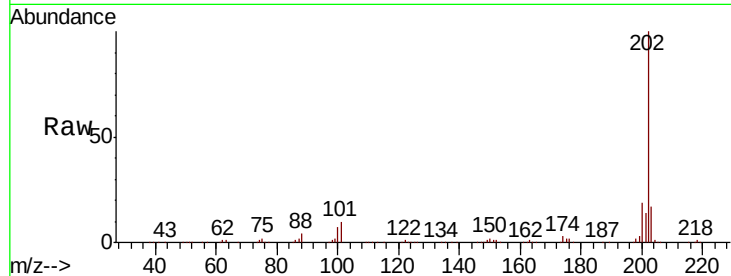
#75
Fluoranthene
Concen: 12.520 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	32.0
203	17.2	0.0	38.3

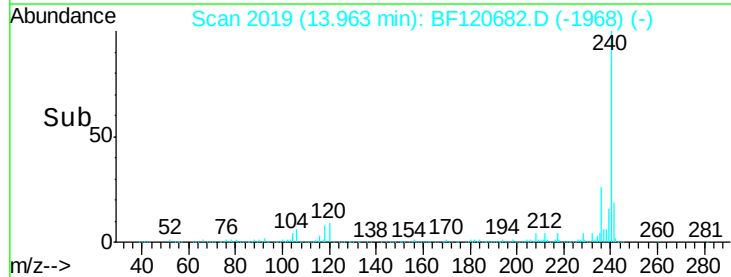
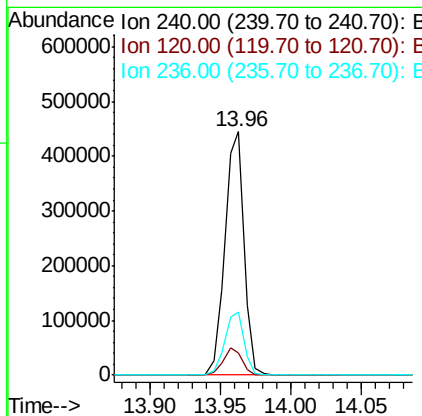
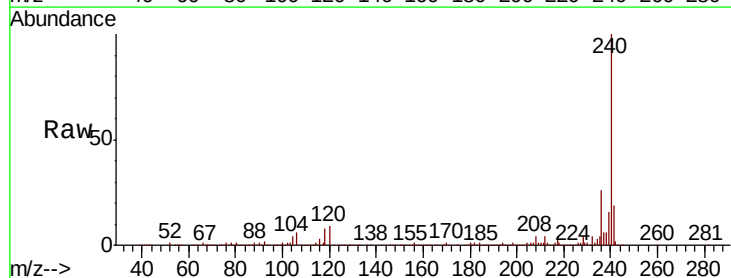
Manual Integrations
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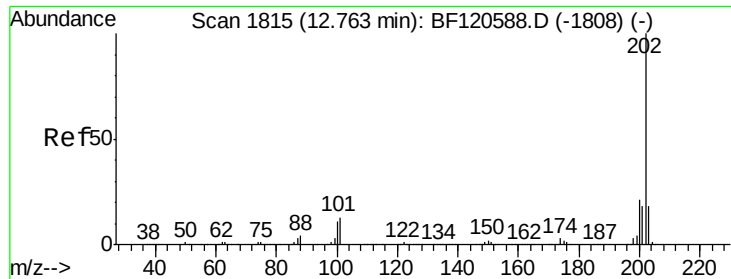
Sohil
6/23/2020 2:03:40 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	8.3	12.5
236	25.8	21.0	31.4





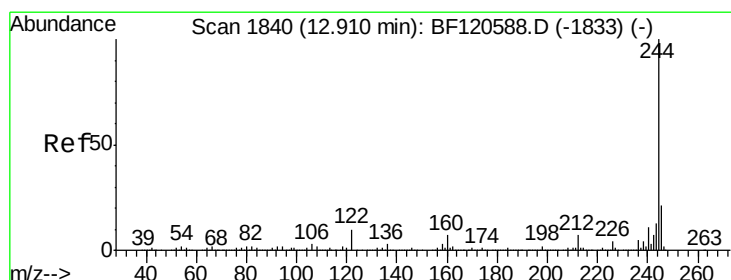
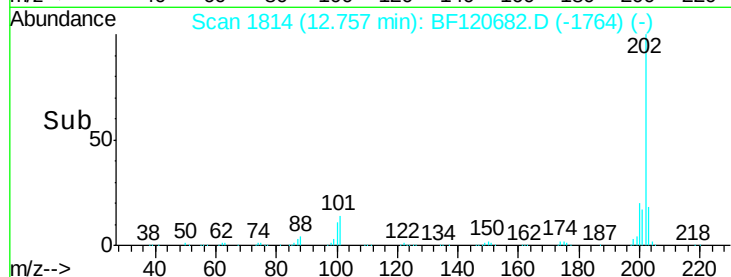
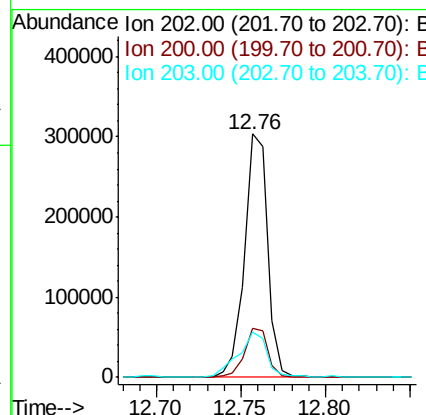
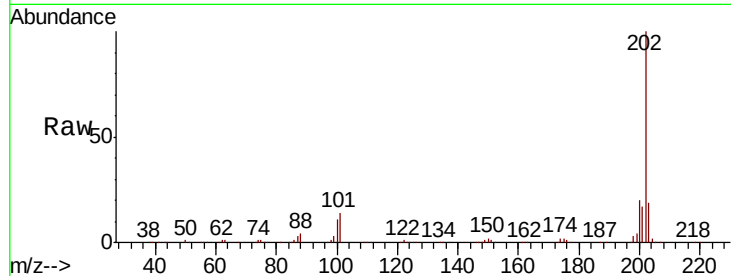
#78
Pvrene
Concen: 9.864 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	291030		
200	20.4	16.8	25.2	
203	18.5	14.3	21.5	

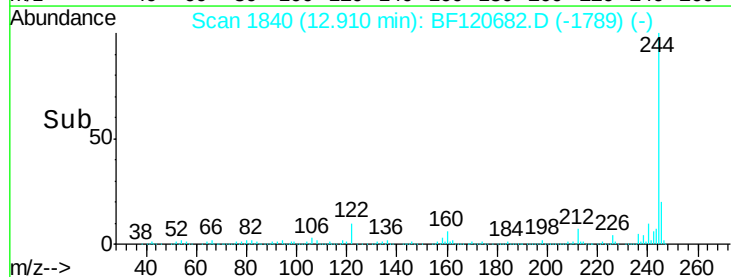
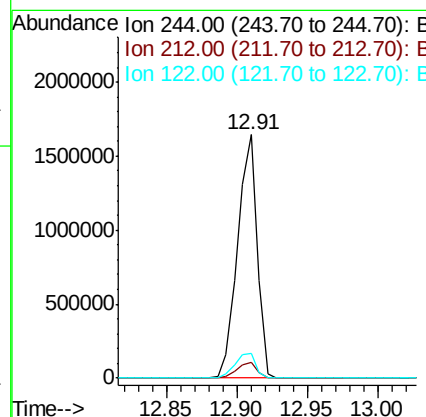
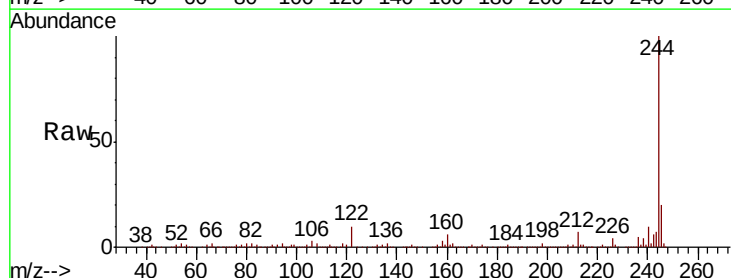
Manual Integrations
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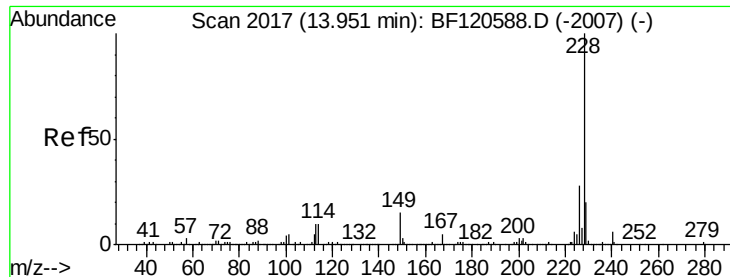
Sohil
6/23/2020 2:03:40 PM



#79
Terphenyl-d14
Concen: 84.037 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1584496		
212	6.7	5.7	8.5	
122	10.2	8.3	12.5	





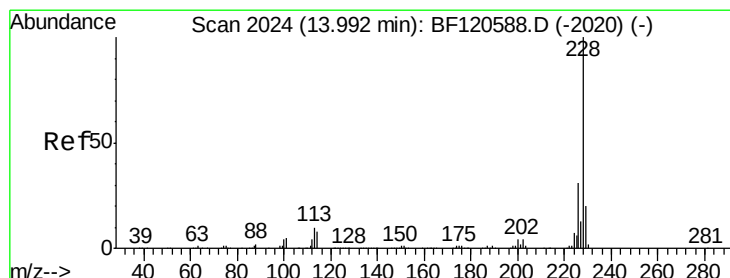
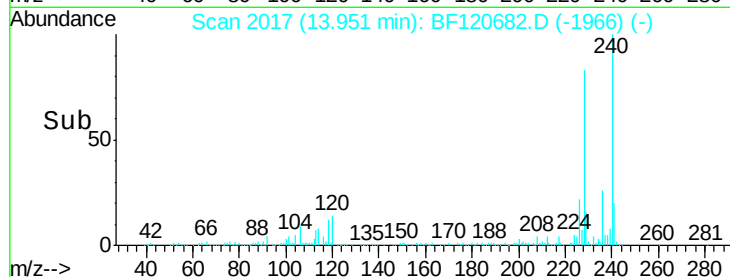
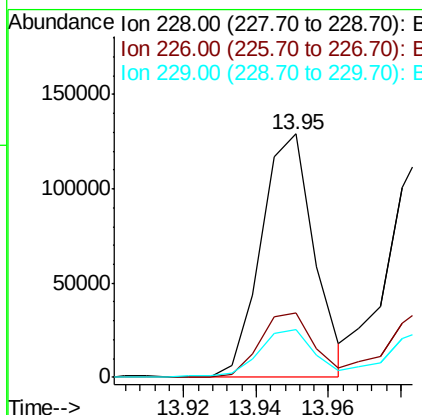
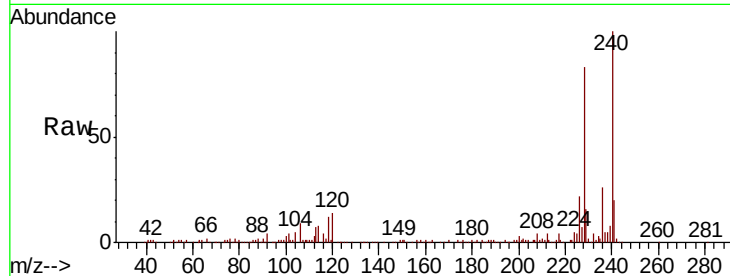
#81
Benzo(a)anthracene
Concen: 5.250 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.5	33.7
229	19.7	16.1	24.1

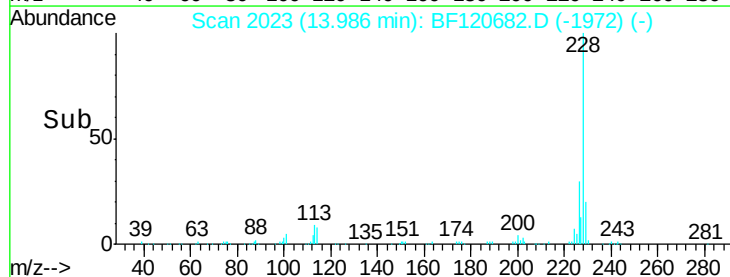
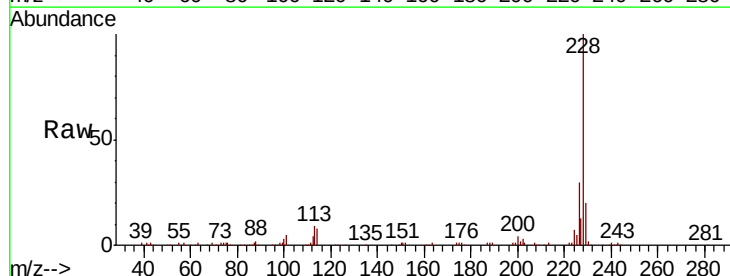
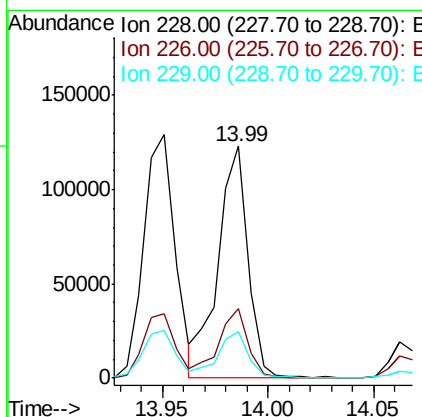
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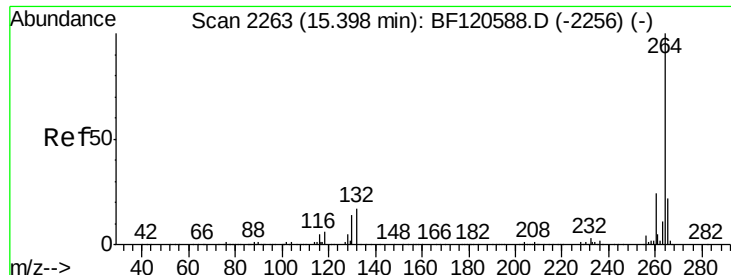
Sohil
6/23/2020 2:03:40 PM



#83
Chrysene
Concen: 4.680 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	20.3	16.1	24.1





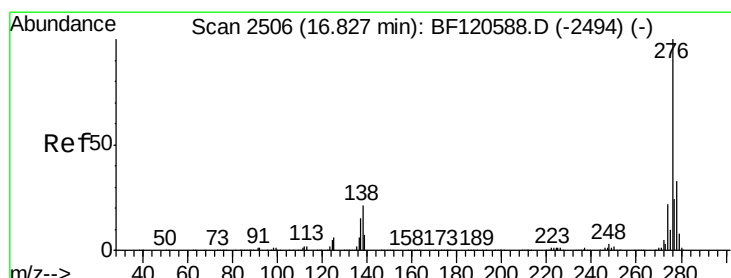
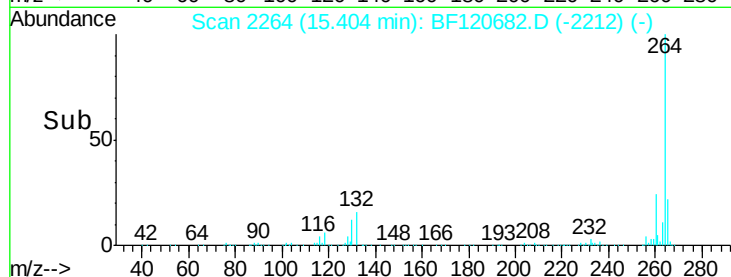
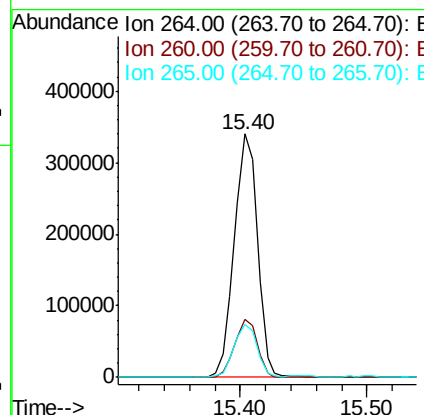
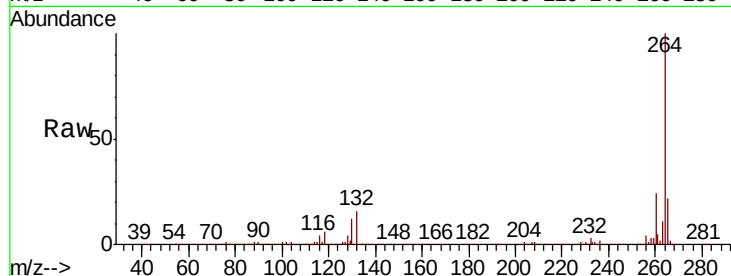
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	21.8	17.8	26.8

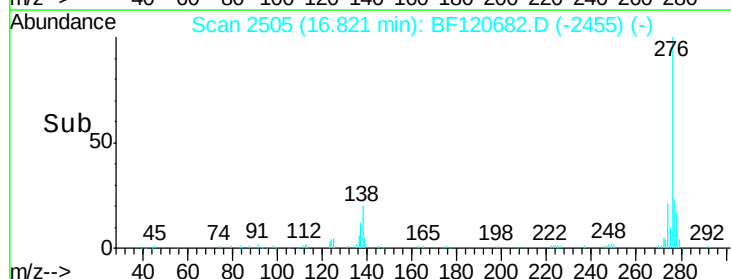
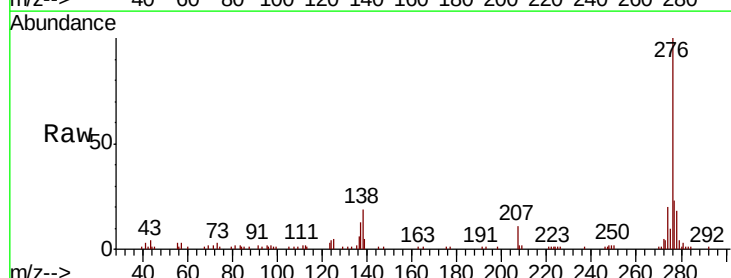
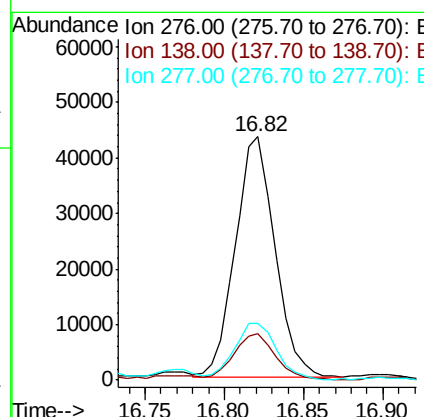
Manual Integrations
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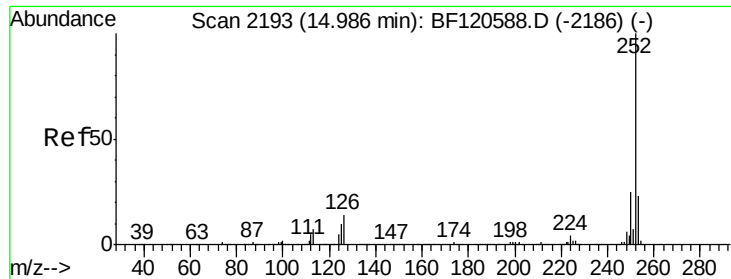
Sohil
6/23/2020 2:03:40 PM



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.890 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.9	28.3
277	25.5	20.2	30.2





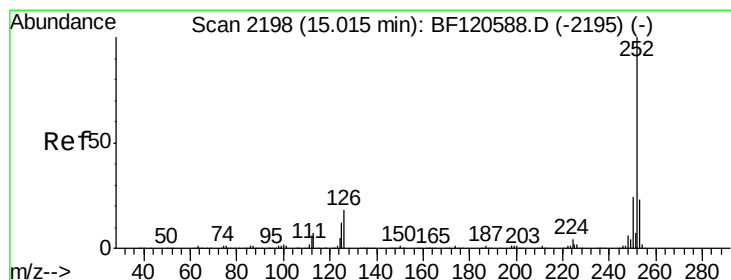
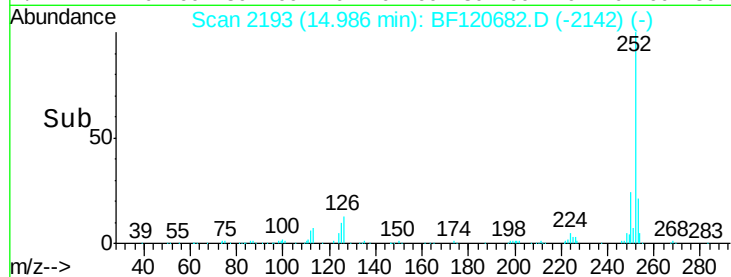
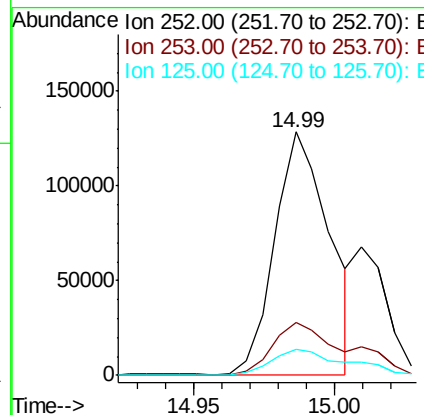
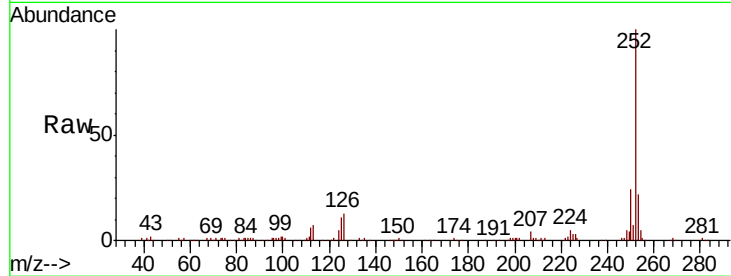
#88
Benzo(b)fluoranthene
Concen: 6.899 ng m
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	10.6	8.3	12.5

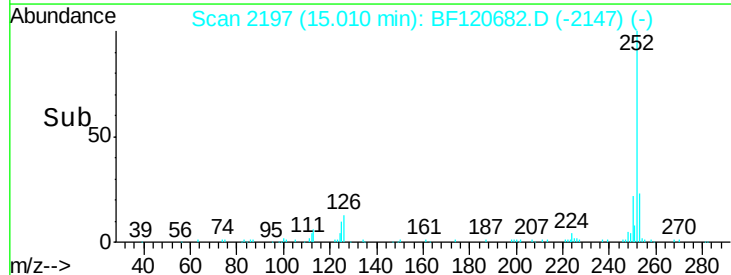
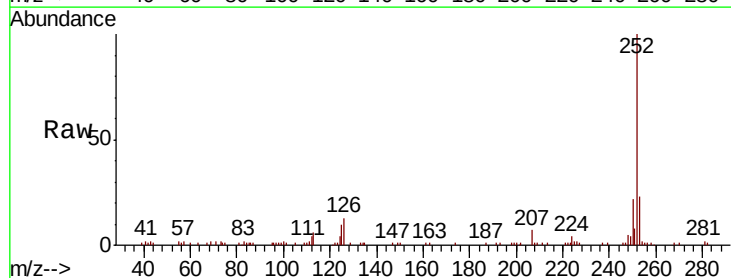
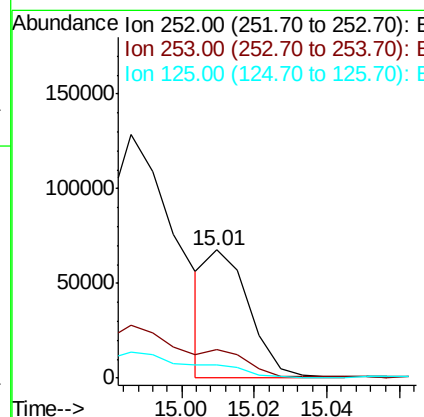
Manual Integrations
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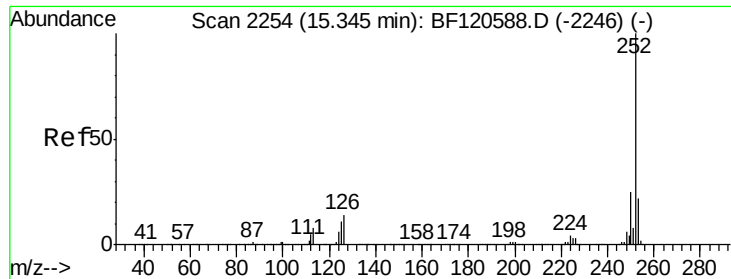
Sohil
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#89
Benzo(k)fluoranthene
Concen: 2.415 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	8.3	12.5





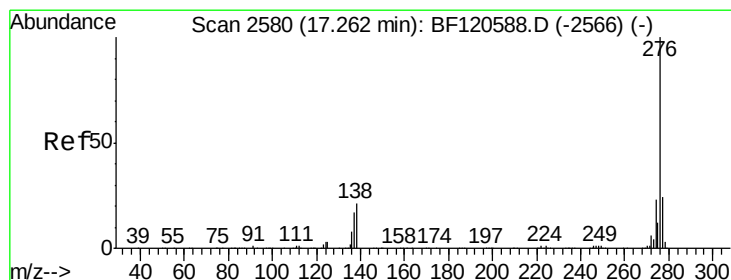
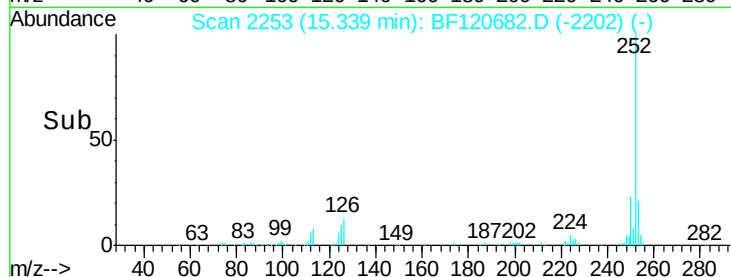
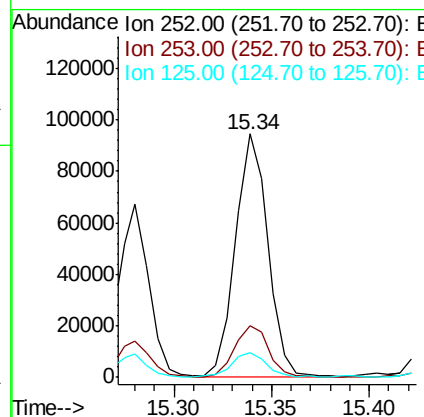
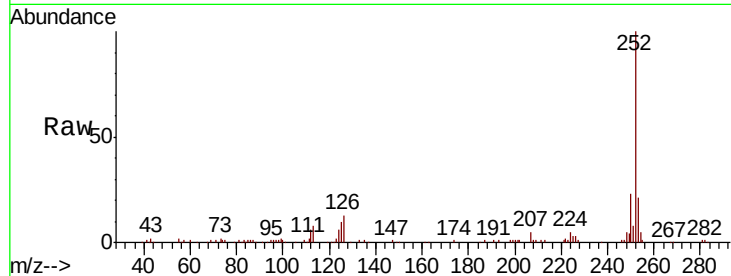
#90
Benzo(a)pyrene
Concen: 4.801 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Instrument :
BNA_F
ClientSampled :
SB-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	21.4	17.8	26.8		
125	10.3	8.6	12.8		

Manual Integrations
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6/23/2020 2:03:40 PM



#92
Benzo(g,h,i)perylene
Concen: 3.342 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF120682.D
Acq: 22 Jun 2020 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.8	19.6	29.4		
138	21.5	16.5	24.7		

