

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120637.D
 Acq On : 17 Jun 2020 17:25
 Operator : JU/CG
 Sample : L3024-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1

Manual Integrations
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mohammad
 6/18/2020 11:54:34 AM

Quant Time: Jun 17 18:05:47 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	139149	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	524737	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	269939	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	533797	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	481982	20.00	ng	-0.01
86) Perylene-d12	15.39	264	520697	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	507213	62.49	ng	-0.01
7) Phenol-d6	6.43	99	744577	73.66	ng	-0.01
23) Nitrobenzene-d5	7.36	82	482969	51.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	106160	33.83	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	988068	56.00	ng	-0.01
79) Terphenyl-d14	12.90	244	1217491	55.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	90364	4.648	ng	99
71) Phenanthrene	11.33	178	185527	6.992	ng	98
75) Fluoranthene	12.52	202	339375	11.186	ng	99
78) Pyrene	12.75	202	299145	8.761	ng	99
81) Benzo(a)anthracene	13.94	228	164329	5.675	ng	97
83) Chrysene	13.97	228	171174	5.763	ng	97
87) Indeno(1,2,3-cd)pyrene	16.79	276	107843	3.405	ng	97
88) Benzo(b)fluoranthene	14.97	252	220660m	7.114	ng	
89) Benzo(k)fluoranthene	15.00	252	80025m	2.916	ng	
90) Benzo(a)pyrene	15.32	252	148204	5.339	ng	98
92) Benzo(g,h,i)perylene	17.22	276	105275	4.112	ng	99

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

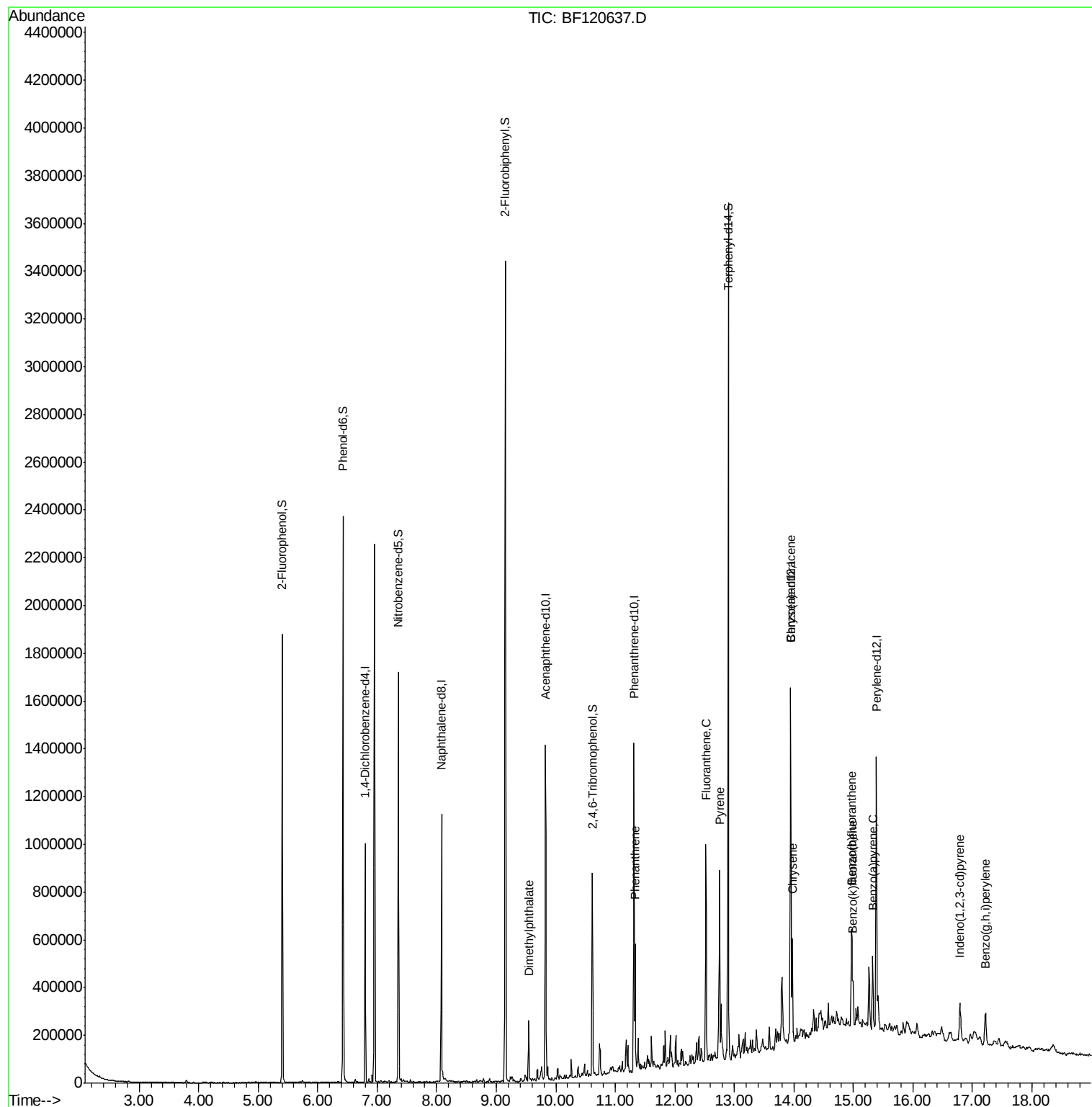
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120637.D
Acq On : 17 Jun 2020 17:25
Operator : JU/CG
Sample : L3024-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

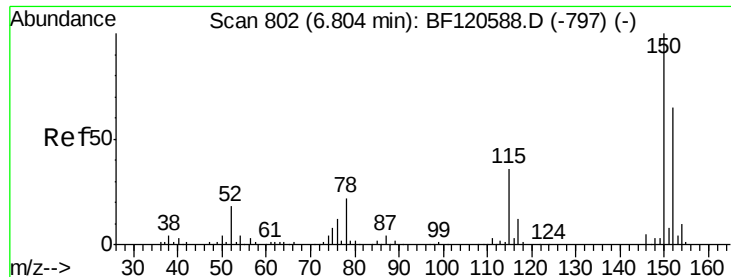
Instrument :
BNA_F
ClientSampleId :
RO-1

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

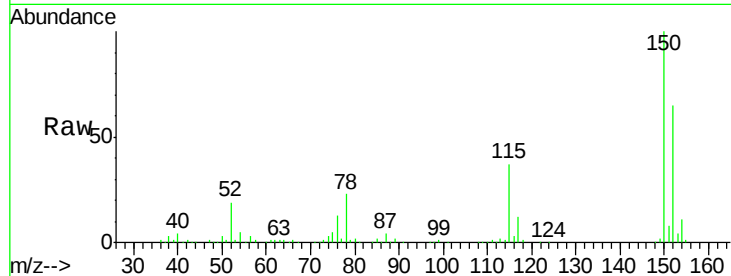
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Instrument :
BNA_F
ClientSampleId :
RO-1

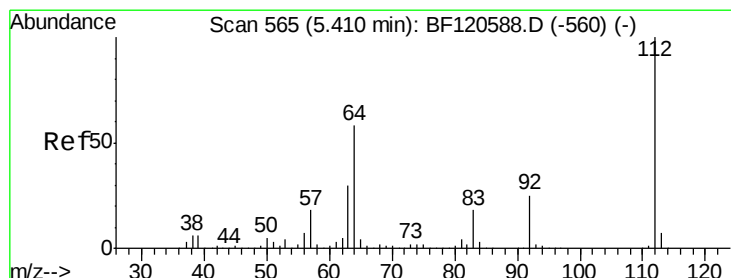
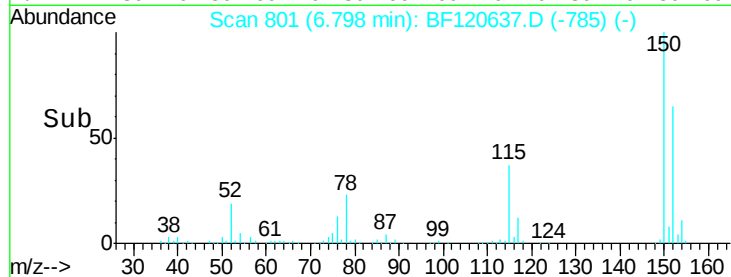
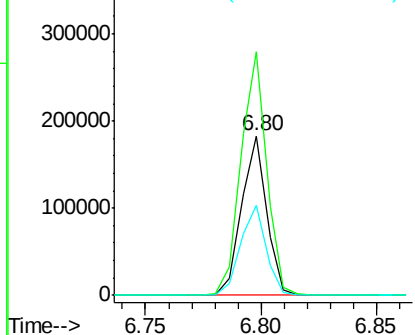
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.2	184.8
115	56.3	43.9	65.9

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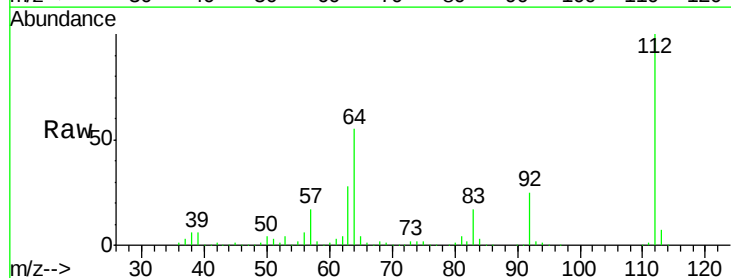
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



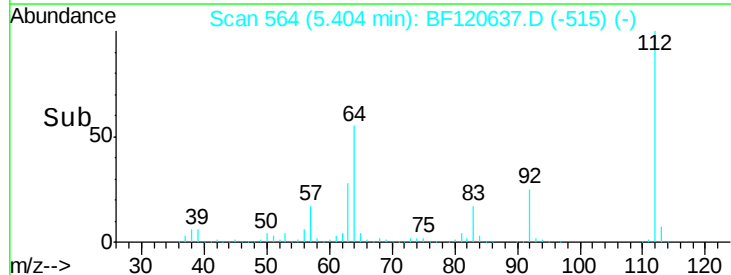
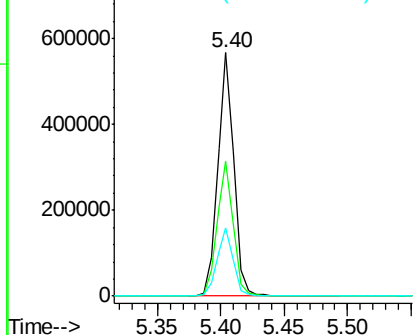
#5

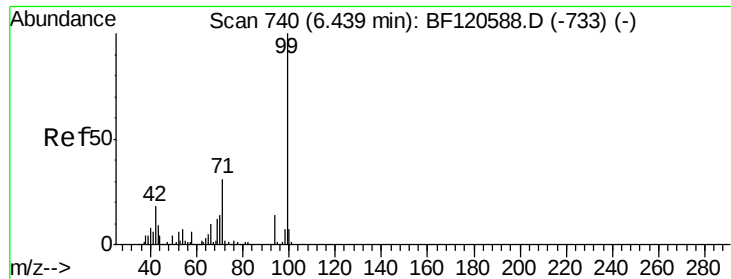
2-Fluorophenol
Concen: 62.494 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.1	69.1
63	28.2	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: 73.657 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120637.D

Acq: 17 Jun 2020 17:25

Instrument :

BNA_F

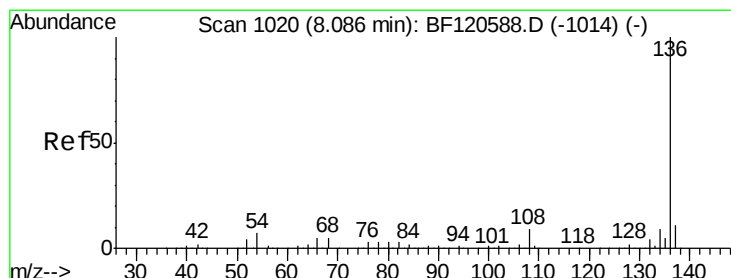
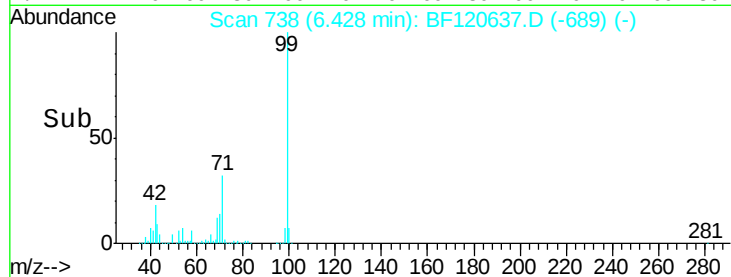
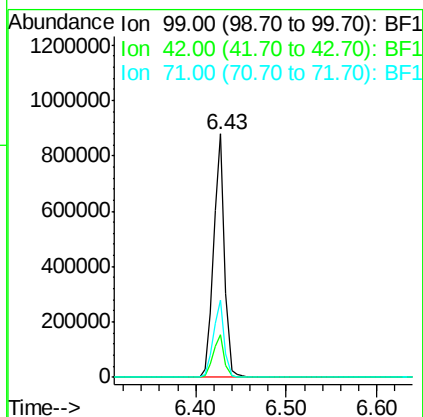
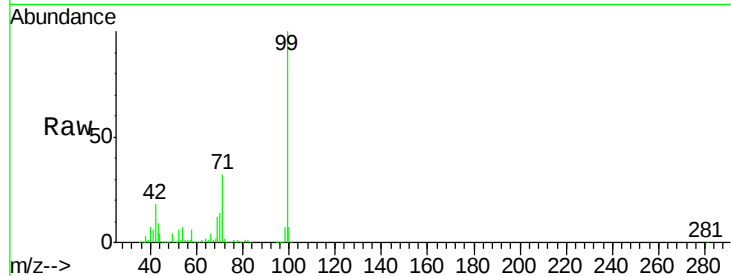
ClientSampled :

RO-1

Tot Ion:	99	Resp:	744577
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.0	21.0
71	31.7	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

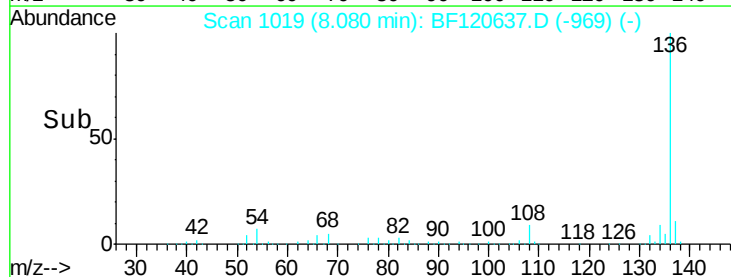
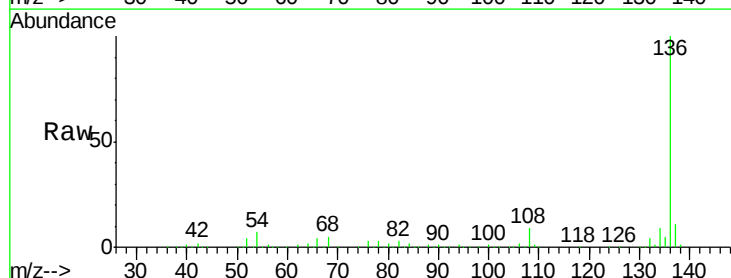
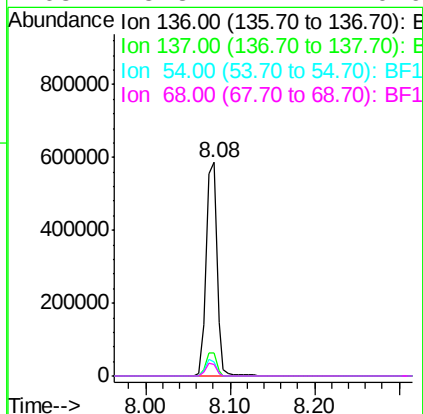
RT: 8.08 min Scan# 1019

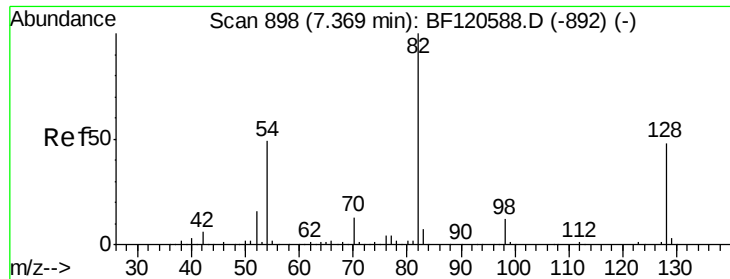
Delta R.T. -0.01 min

Lab File: BF120637.D

Acq: 17 Jun 2020 17:25

Tgt Ion:	136	Resp:	524737
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.7	5.8	8.6
68	5.3	4.4	6.6





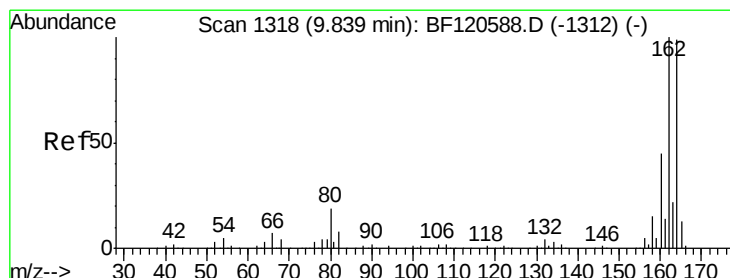
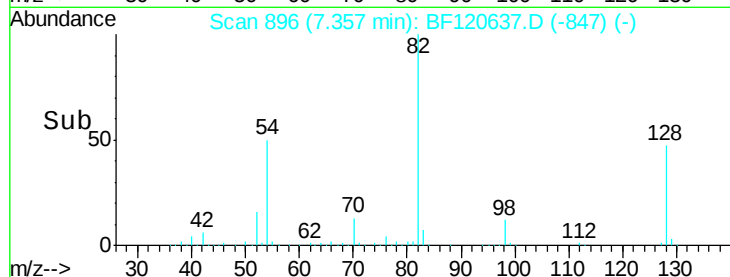
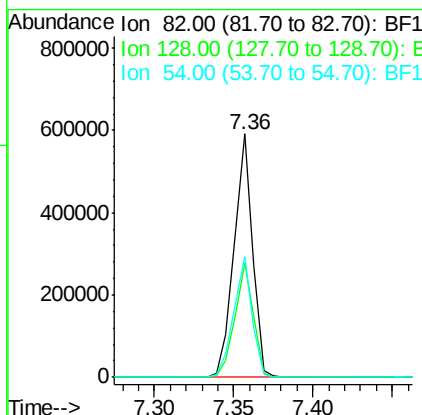
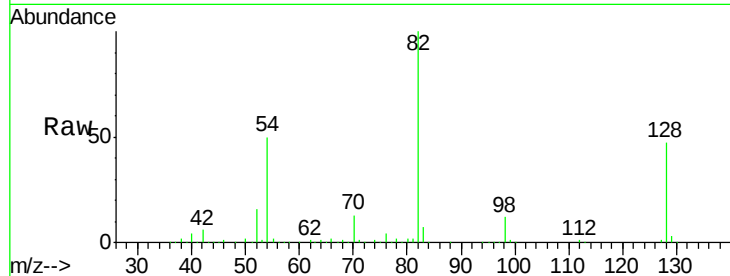
#23
Nitrobenzene-d5
Concen: 51.447 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Instrument :
BNA_F
ClientSampled :
RO-1

Tot Ion	Ratio	Resp	Lower	Upper
82	100	482969		
128	46.8		38.0	57.0
54	49.8		38.8	58.2

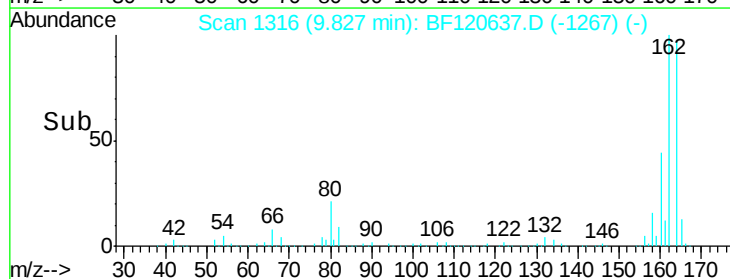
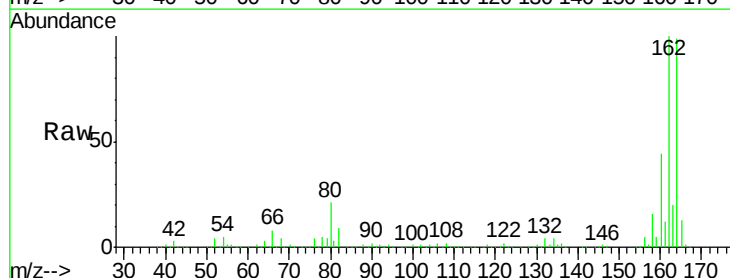
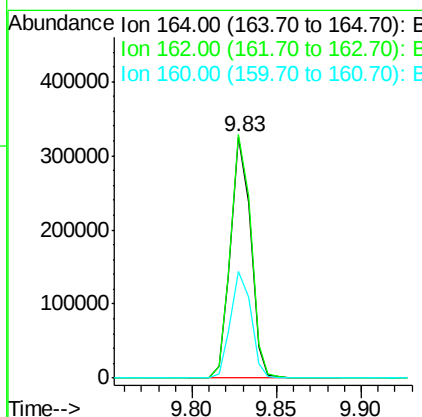
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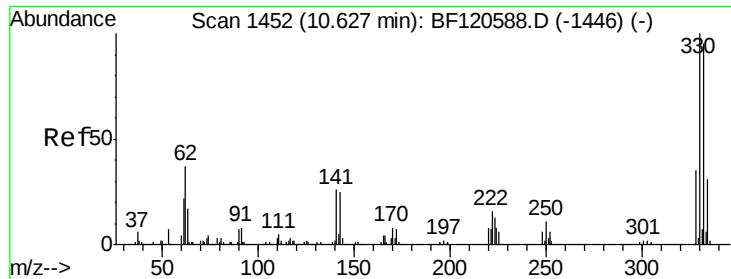
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	269939		
162	100.8		80.6	120.8
160	44.0		36.2	54.2





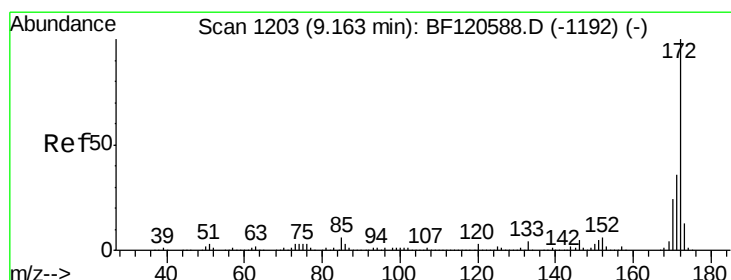
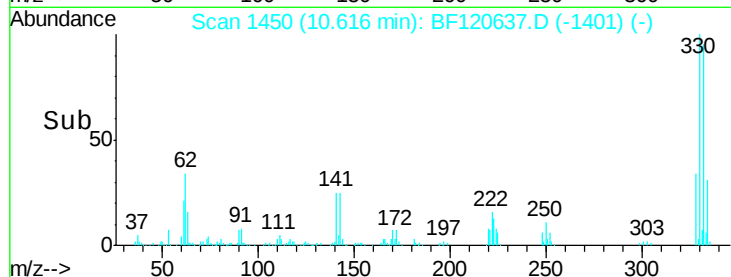
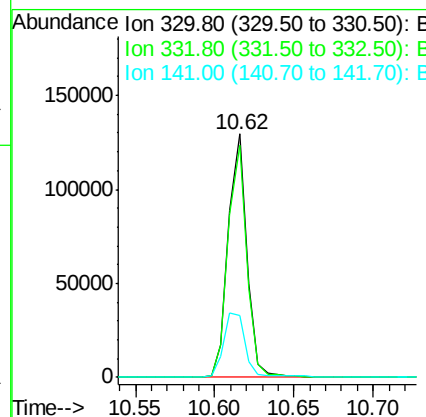
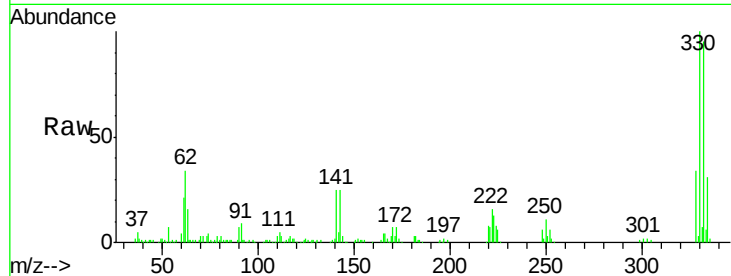
#42
 2,4,6-Tribromophenol
 Concen: 33.826 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 RO-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	106160		
332	96.0	76.8	115.2	
141	29.4	23.2	34.8	

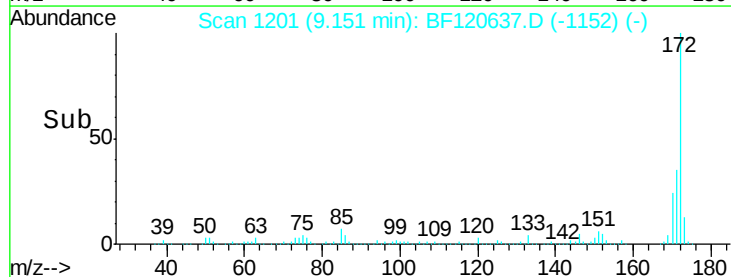
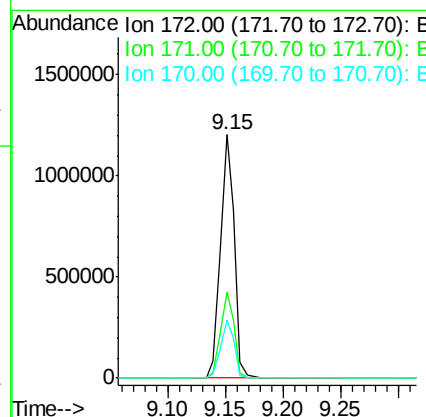
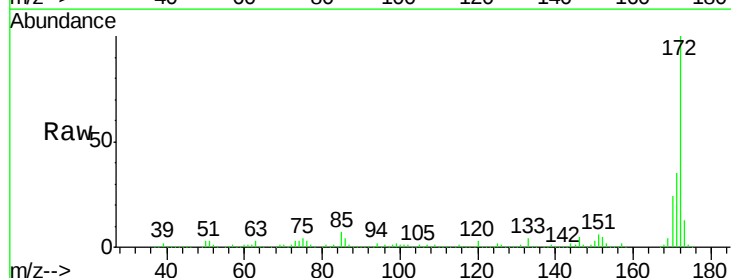
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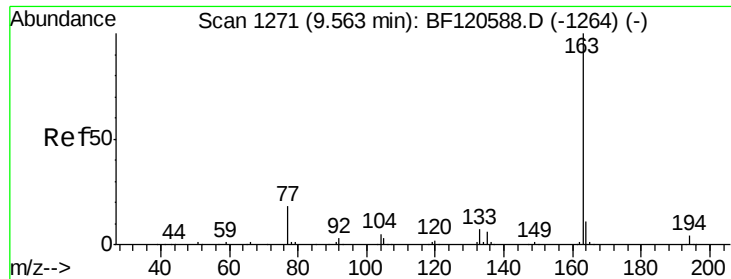
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#45
 2-Fluorobiphenyl
 Concen: 56.003 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	988068		
171	35.3	29.0	43.4	
170	23.6	19.4	29.2	





#50

Dimethylphthalate

Concen: 4.648 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120637.D

Acq: 17 Jun 2020 17:25

Instrument :

BNA_F

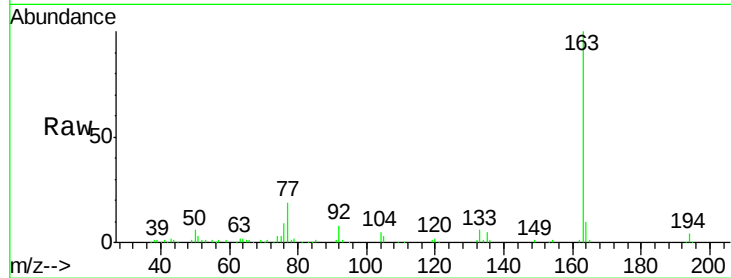
ClientSampleId :

RO-1

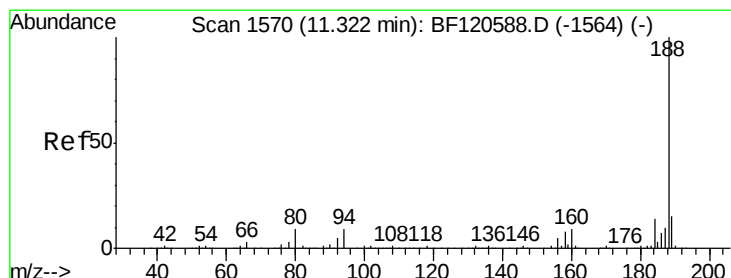
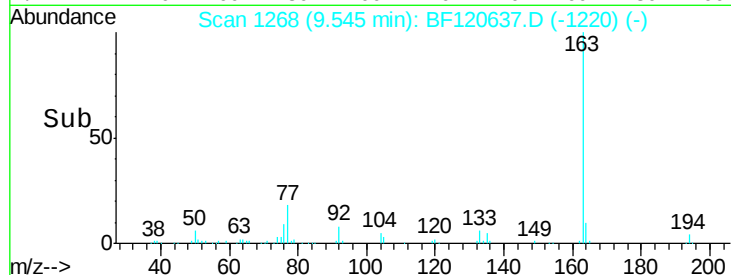
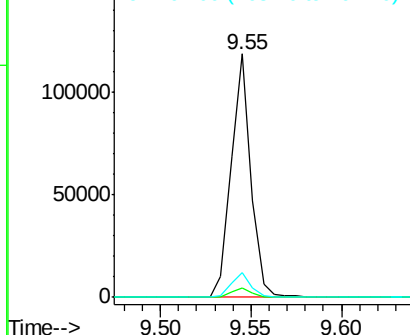
Tot Ion:	163	Resp:	90364
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.0	8.5	12.7

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



#64

Phenanthrene-d10

Concen: 20.000 ng

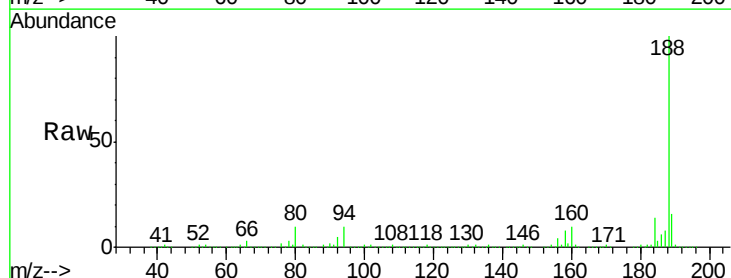
RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

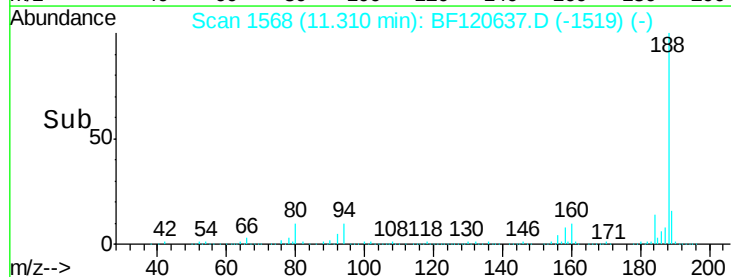
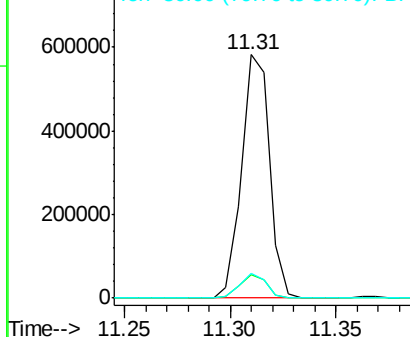
Lab File: BF120637.D

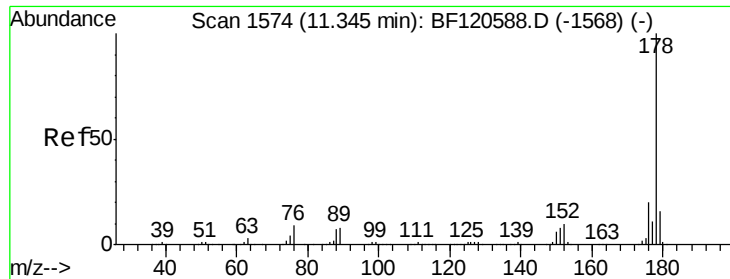
Acq: 17 Jun 2020 17:25

Tgt Ion:	188	Resp:	533797
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.2	10.8
80	9.9	7.4	11.2



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





#71

Phenanthrene

Concen: 6.992 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF120637.D

Acq: 17 Jun 2020 17:25

Instrument :

BNA_F

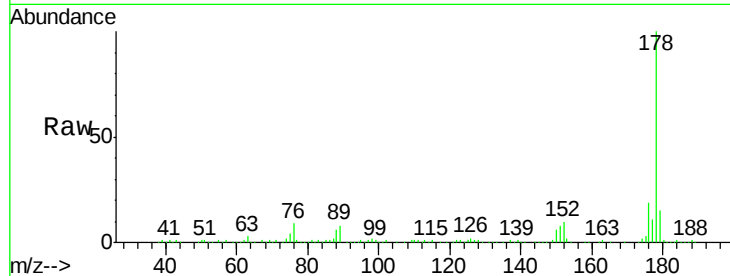
ClientSampleId :

RO-1

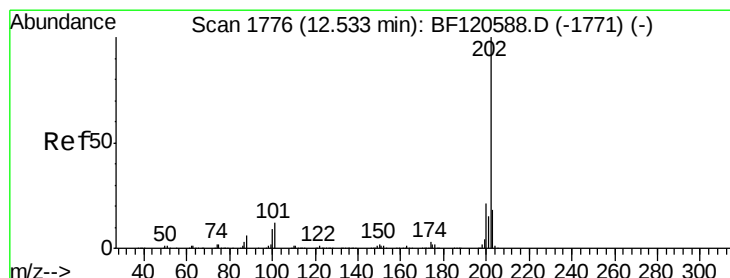
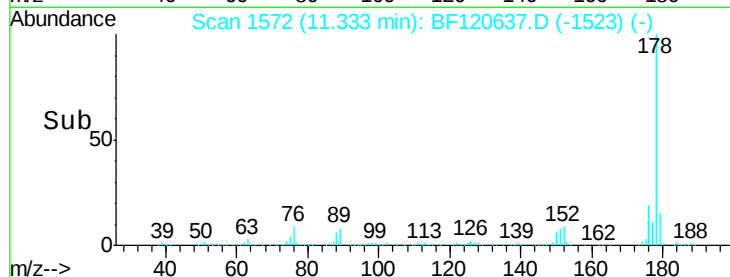
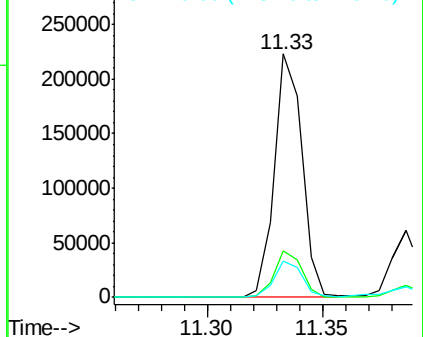
Tot Ion:	178	Resp:	185527
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.9	23.9
179	14.9	12.8	19.2

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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



#75

Fluoranthene

Concen: 11.186 ng

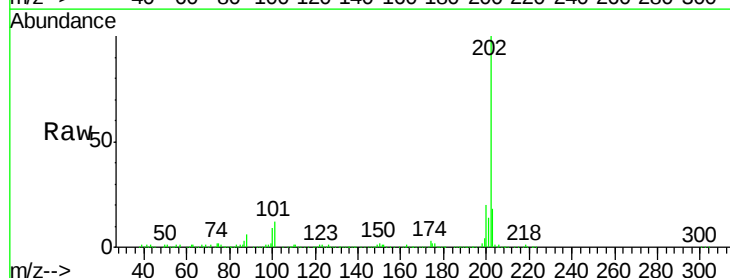
RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

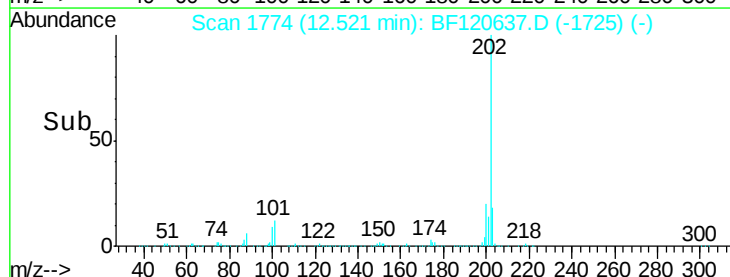
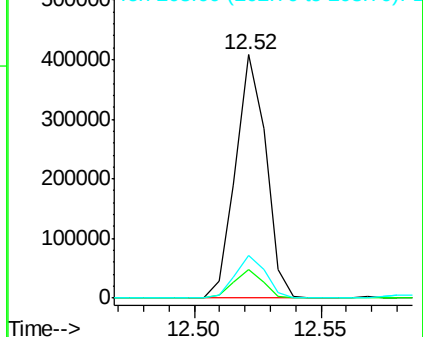
Lab File: BF120637.D

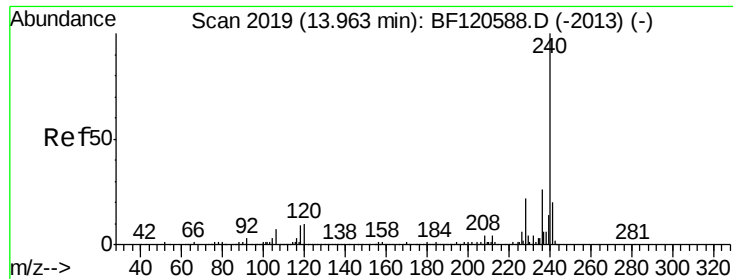
Acq: 17 Jun 2020 17:25

Tgt Ion:	202	Resp:	339375
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	32.0
203	17.7	0.0	38.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





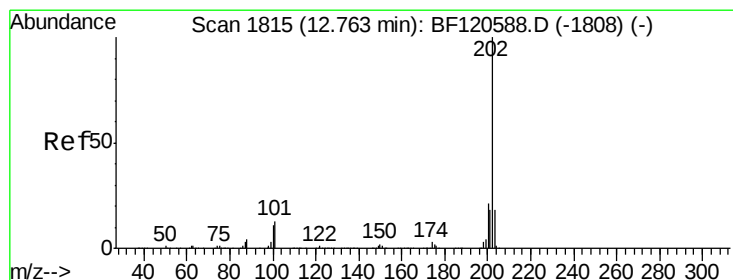
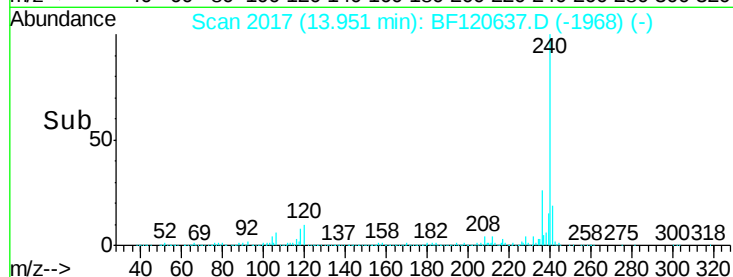
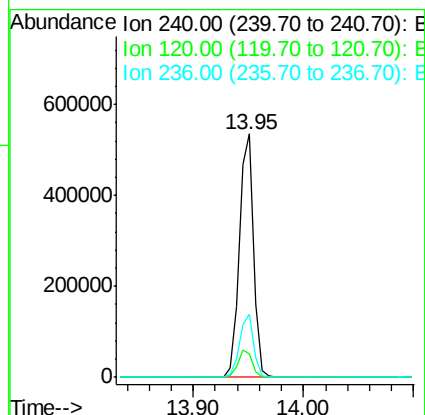
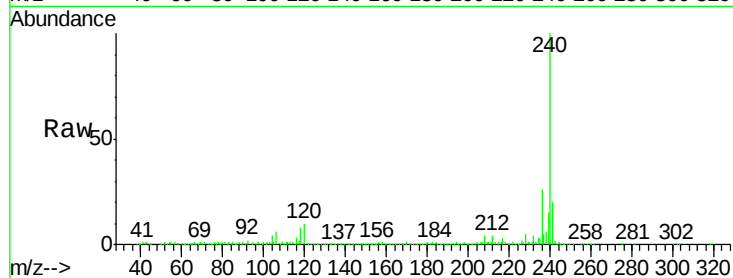
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Instrument :
BNA_F
ClientSampleId :
RO-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	481982		
120	9.8	8.3	12.5	
236	25.8	21.0	31.4	

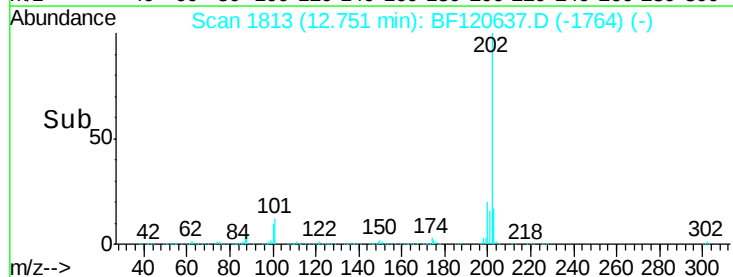
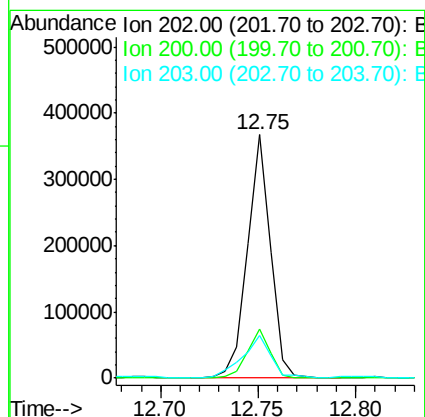
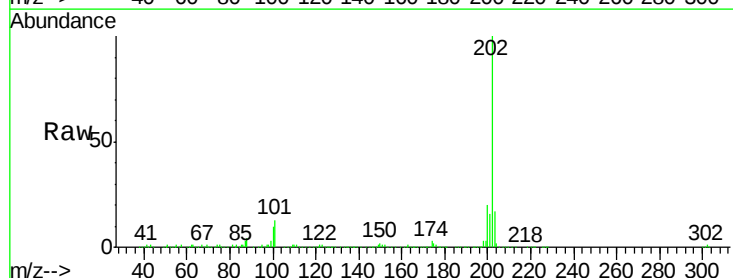
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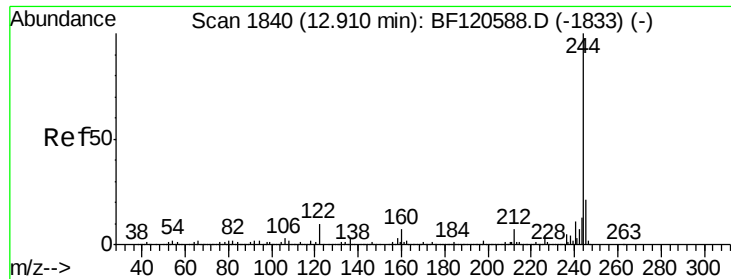
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#78
Pyrene
Concen: 8.761 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	299145		
200	20.3	16.8	25.2	
203	17.3	14.3	21.5	





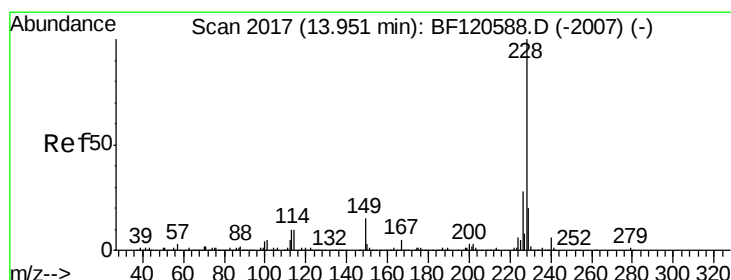
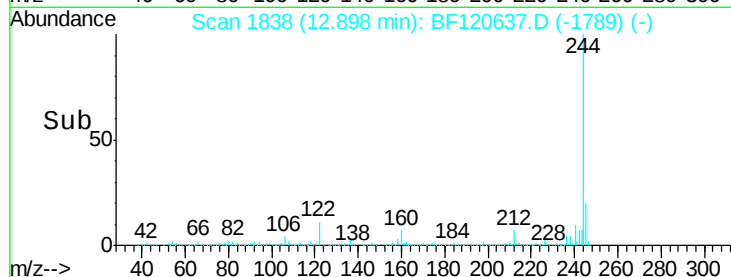
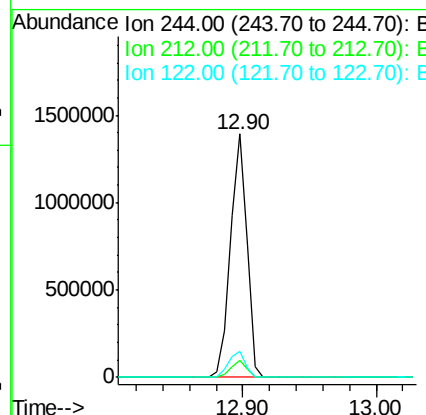
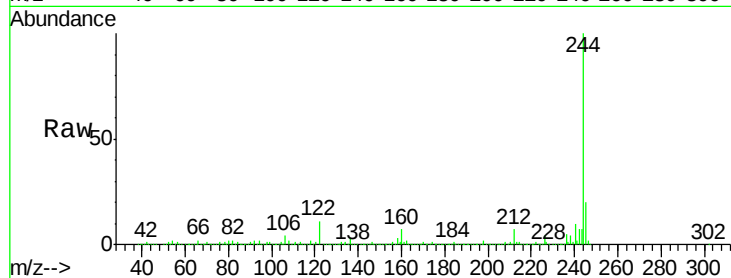
#79
 Terphenyl-d14
 Concen: 55.797 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 RO-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.7	8.3	12.5

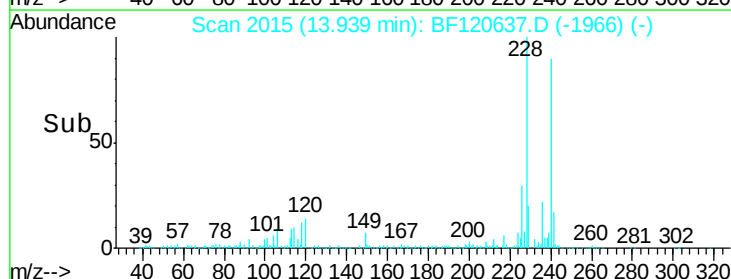
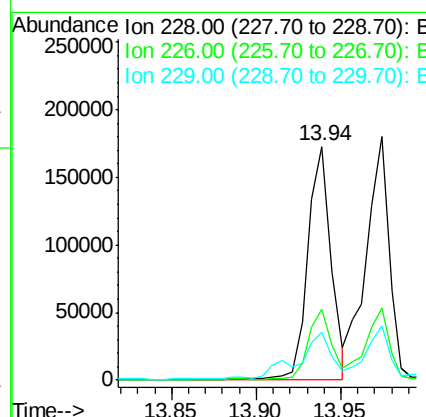
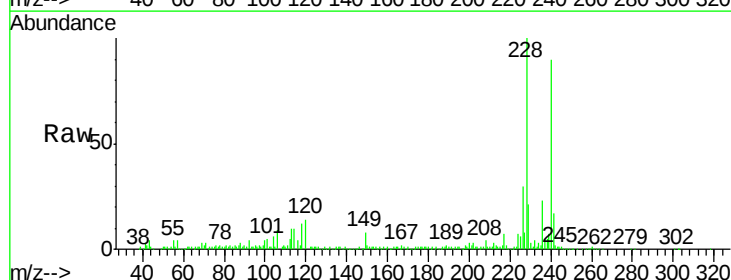
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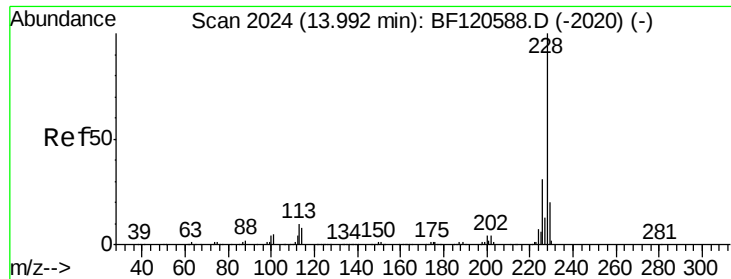
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#81
 Benzo(a)anthracene
 Concen: 5.675 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.5	33.7
229	20.6	16.1	24.1





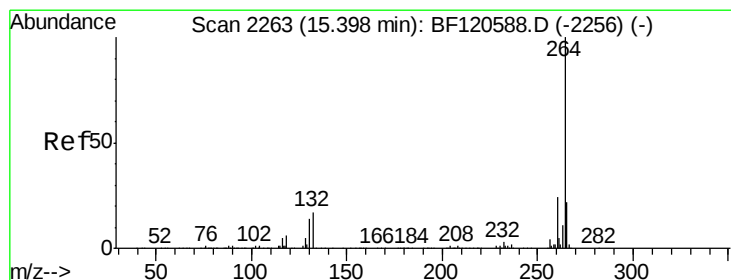
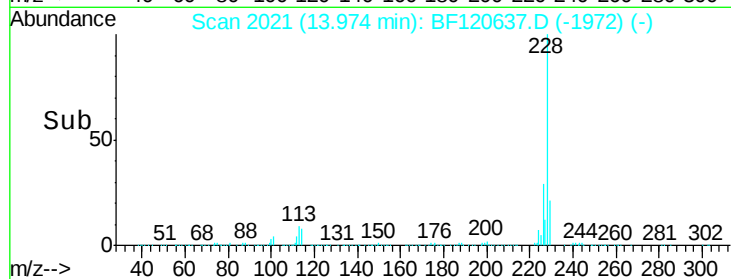
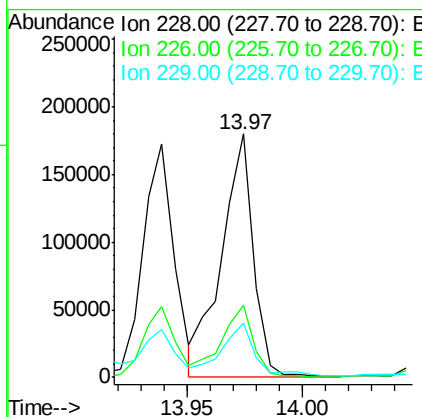
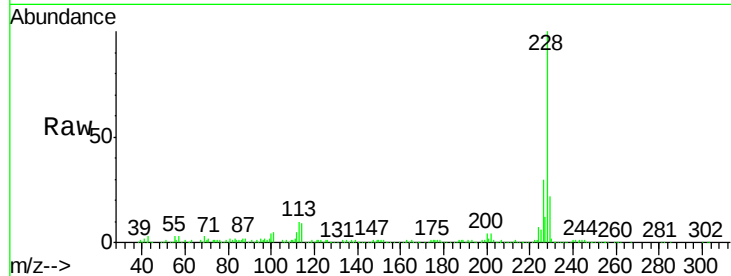
#83
Chrysene
Concen: 5.763 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Instrument :
BNA_F
ClientSampled :
RO-1

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	22.1	16.1	24.1

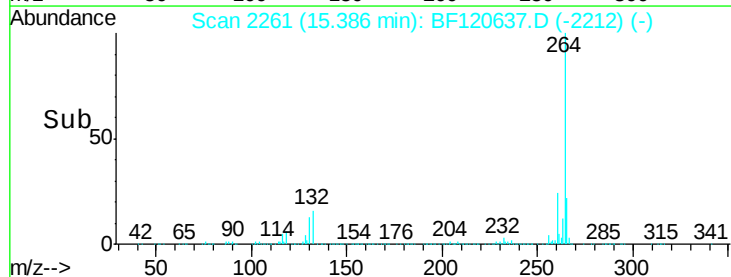
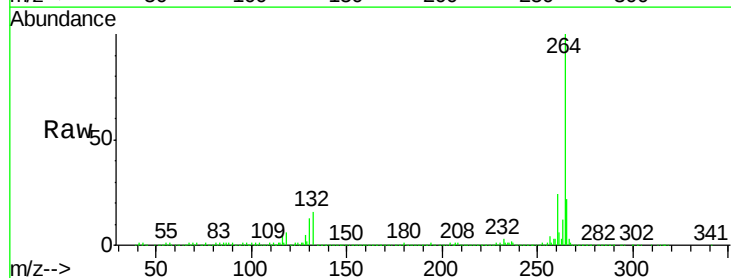
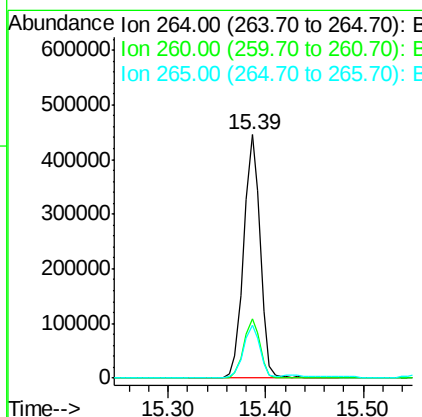
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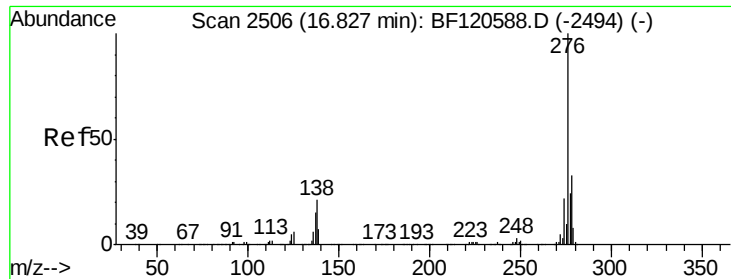
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	21.9	17.8	26.8





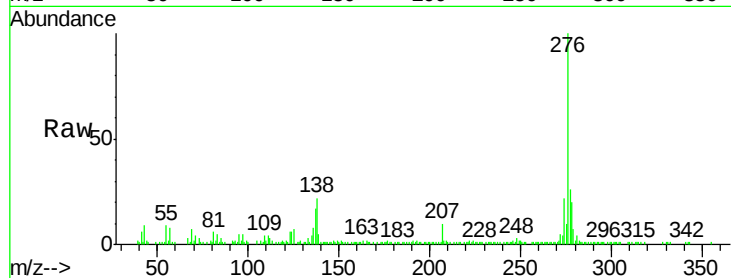
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.405 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 RO-1

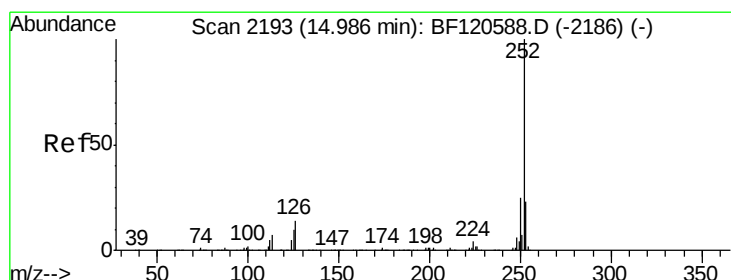
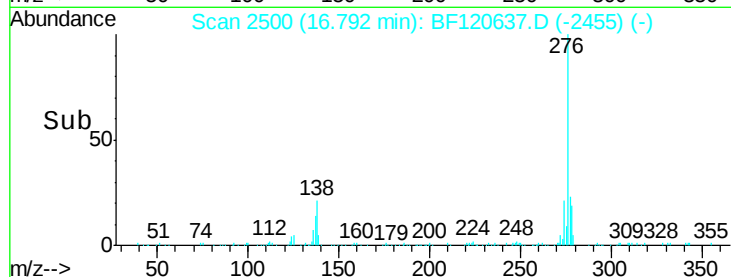
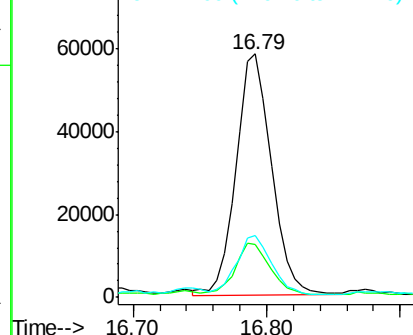
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	18.9	28.3
277	24.6	20.2	30.2

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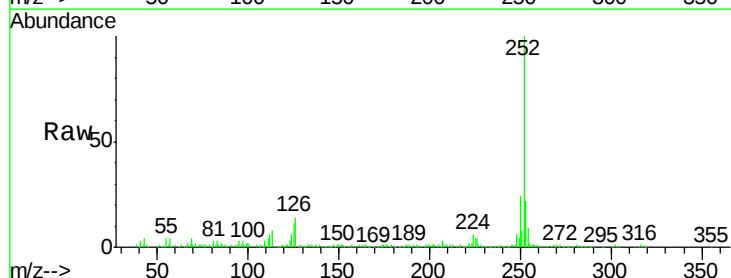


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

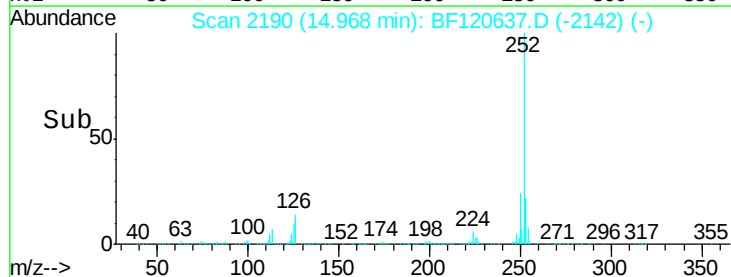
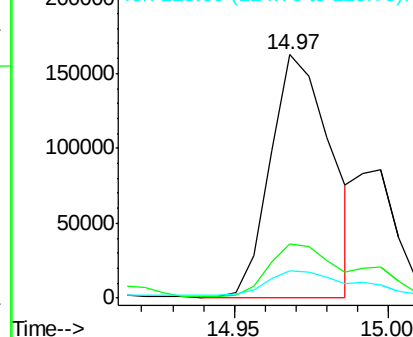


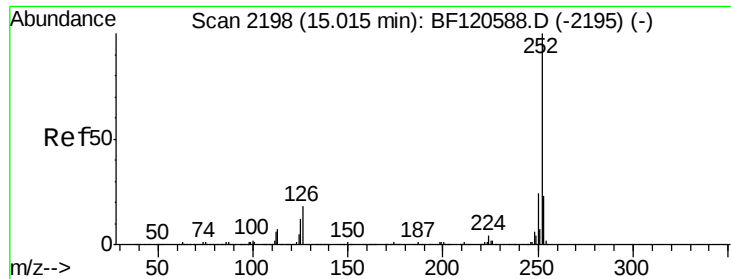
#88
 Benzo(b)fluoranthene
 Concen: 7.114 ng m
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.3	8.3	12.5



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





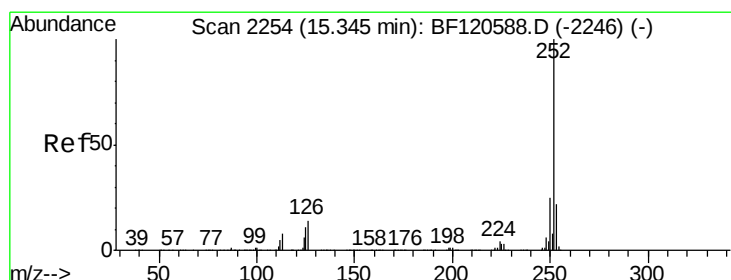
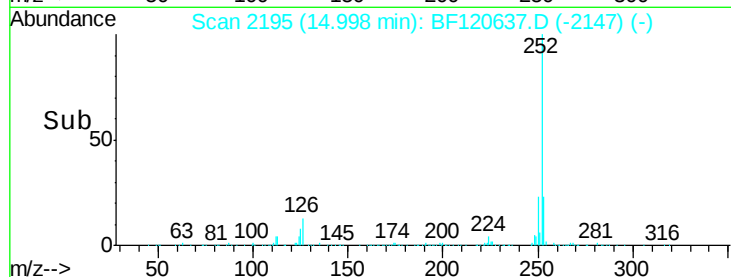
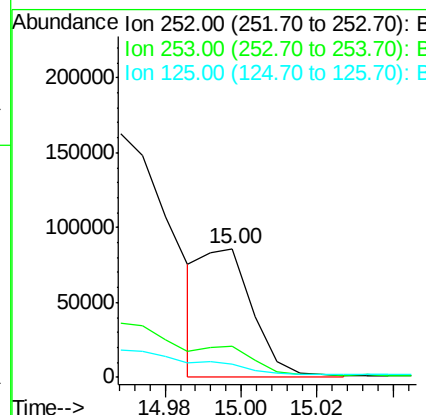
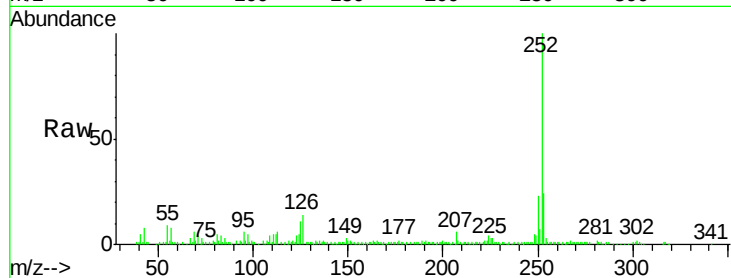
#89
Benzo(k)fluoranthene
Concen: 2.916 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Instrument :
BNA_F
ClientSampleId :
RO-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	10.7	8.3	12.5

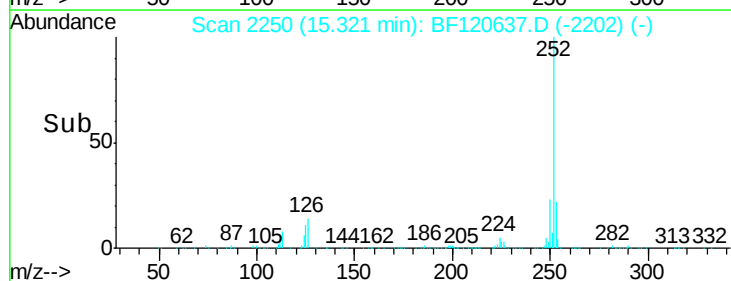
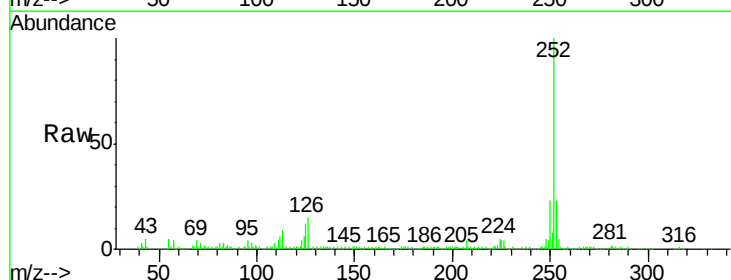
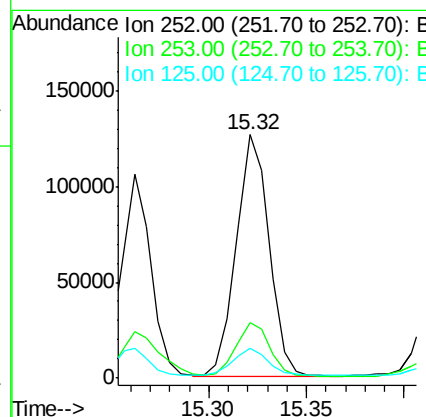
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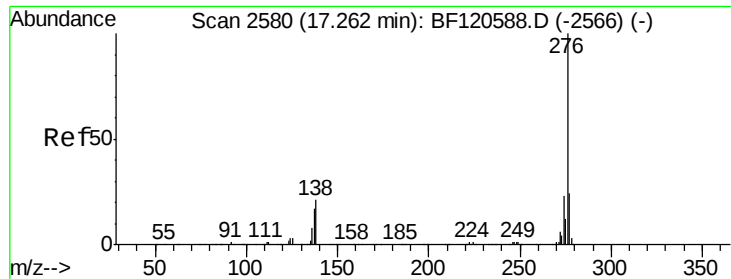
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#90
Benzo(a)pyrene
Concen: 5.339 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120637.D
Acq: 17 Jun 2020 17:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	12.1	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.112 ng
 RT: 17.22 min Scan# 2573
 Delta R.T. -0.04 min
 Lab File: BF120637.D
 Acq: 17 Jun 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 RO-1

Tot Ion:	276	Resp:	105275
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.6	29.4
138	20.7	16.5	24.7

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