

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
 Data File : BF120636.D
 Acq On : 17 Jun 2020 16:57
 Operator : JU/CG
 Sample : L3024-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-7

Manual Integrations
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Quant Time: Jun 17 17:33:01 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	141897	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	535452	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	276240	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	545735	20.00	ng	-0.01
76) Chrysene-d12	13.95	240	490761	20.00	ng	-0.01
86) Perylene-d12	15.39	264	541003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	590787	71.38	ng	-0.01
7) Phenol-d6	6.43	99	757920	73.52	ng	-0.01
23) Nitrobenzene-d5	7.36	82	488292	50.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	248275	77.30	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1023744	56.70	ng	-0.01
79) Terphenyl-d14	12.90	244	1308570	58.90	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	107009	5.379	ng	99
71) Phenanthrene	11.33	178	141854	5.229	ng	99
75) Fluoranthene	12.52	202	271863	8.765	ng	99
78) Pyrene	12.75	202	317600	9.135	ng	98
81) Benzo(a)anthracene	13.94	228	157834	5.353	ng	96
83) Chrysene	13.97	228	185941	6.148	ng	98
87) Indeno(1,2,3-cd)pyrene	16.79	276	123895	3.765	ng	97
88) Benzo(b)fluoranthene	14.97	252	287644m	8.926	ng	
89) Benzo(k)fluoranthene	14.99	252	81759m	2.867	ng	
90) Benzo(a)pyrene	15.32	252	167350	5.802	ng	99
92) Benzo(g,h,i)perylene	17.22	276	128521	4.832	ng	99

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

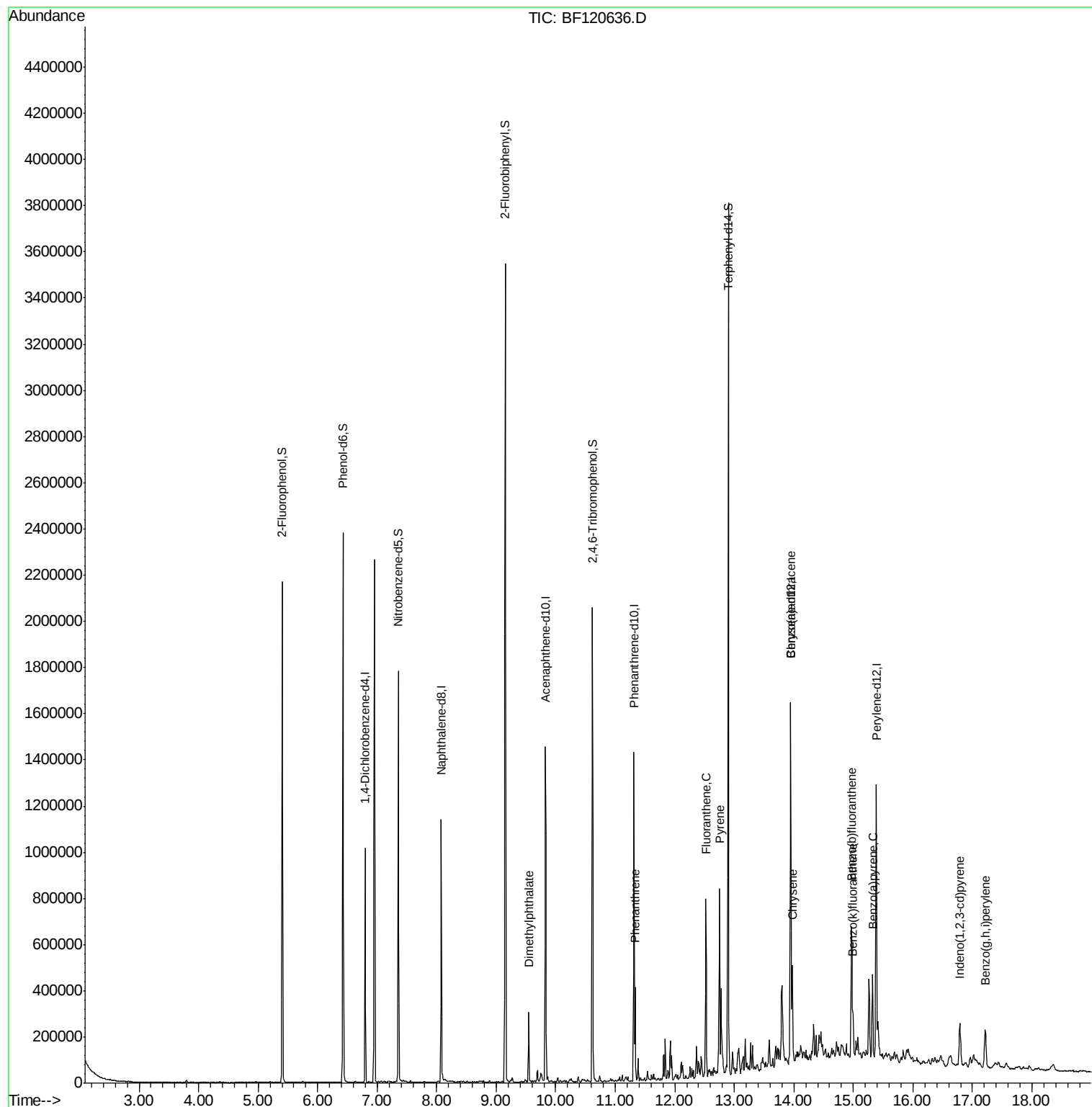
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120636.D
Acq On : 17 Jun 2020 16:57
Operator : JU/CG
Sample : L3024-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

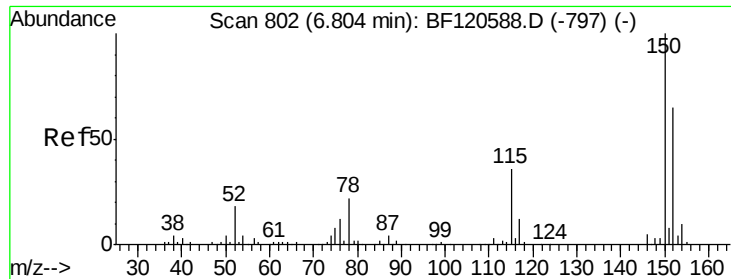
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 17 17:33:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration





#1

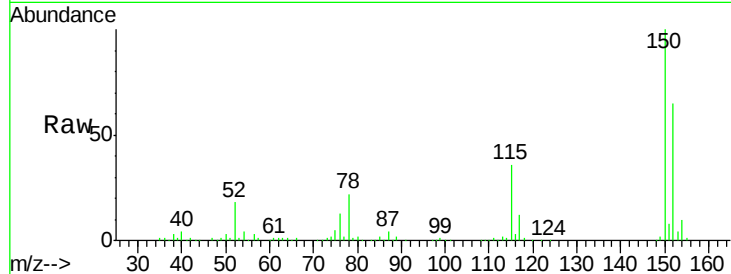
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
152	100	141897		
150	154.8	123.2	184.8	
115	55.5	43.9	65.9	

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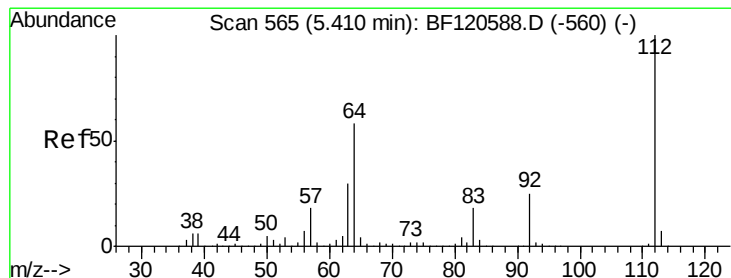
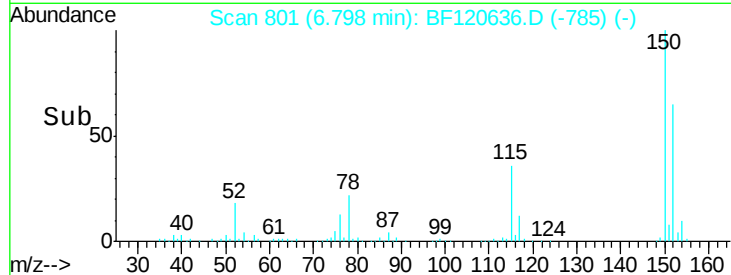
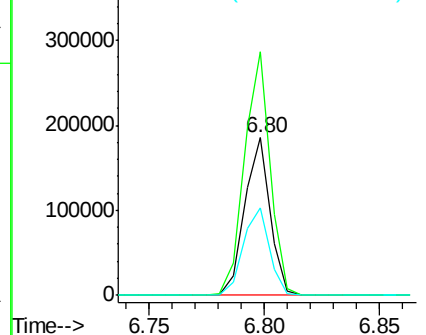


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

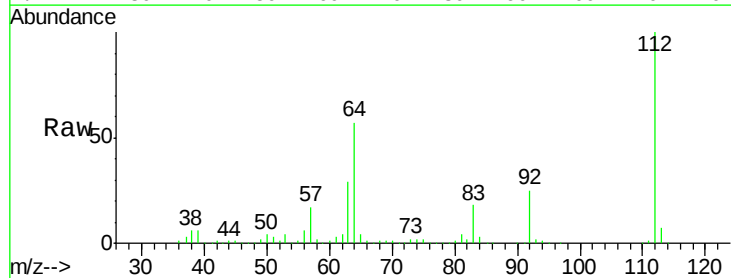
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.381 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	590787		
64	56.9	46.1	69.1	
63	29.0	23.7	35.5	

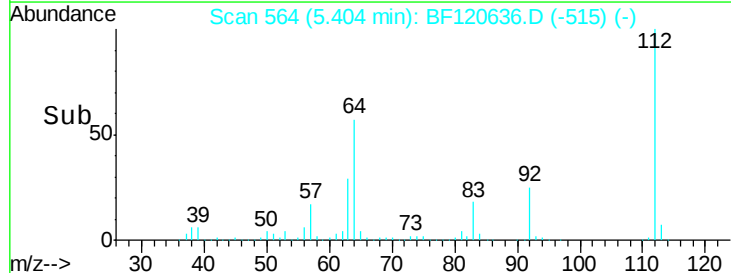
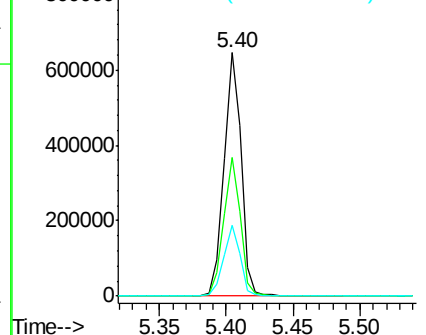


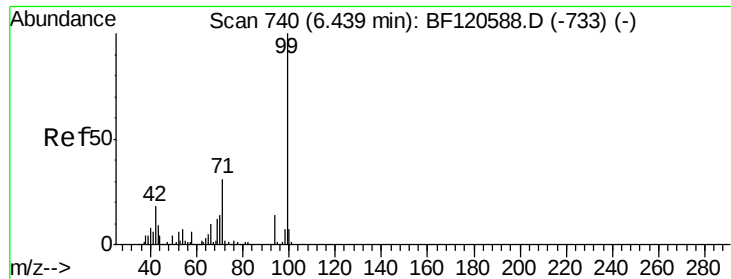
Abundance

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: 73.525 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120636.D

Acq: 17 Jun 2020 16:57

Instrument :

BNA_F

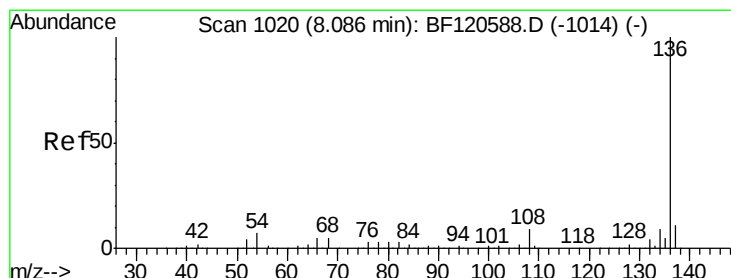
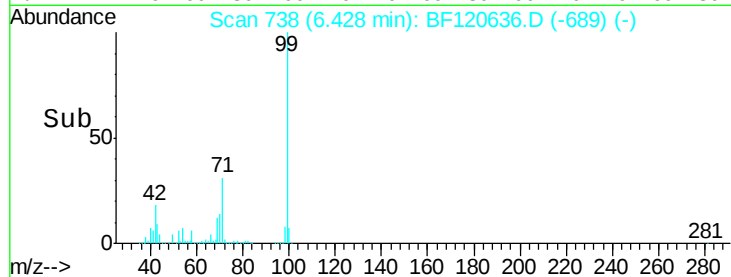
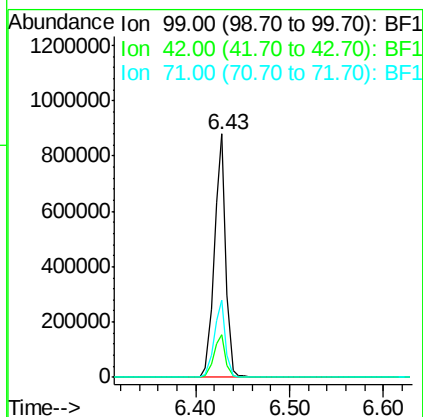
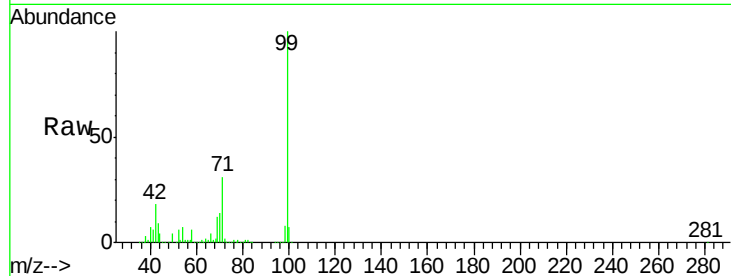
ClientSampled :

RO-7

Tot Ion:	99	Resp:	757920
Ion Ratio	Lower	Upper	
99	100		
42	17.6	14.0	21.0
71	31.5	24.9	37.3

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#21

Naphthalene-d8

Concen: 20.000 ng

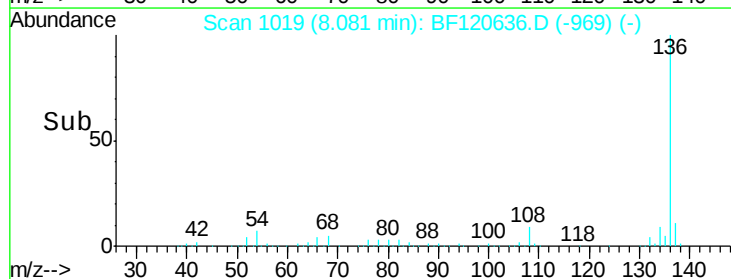
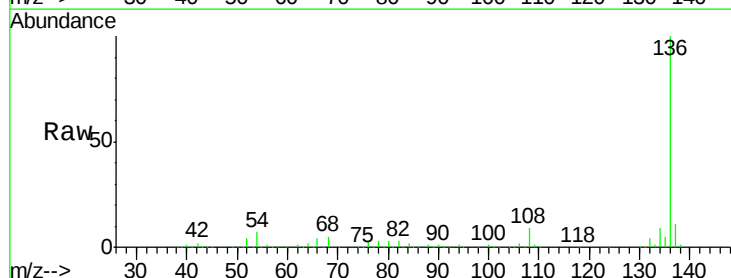
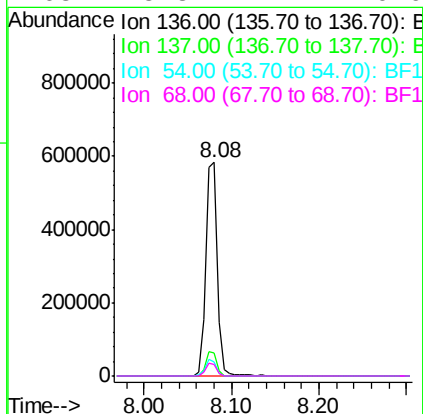
RT: 8.08 min Scan# 1019

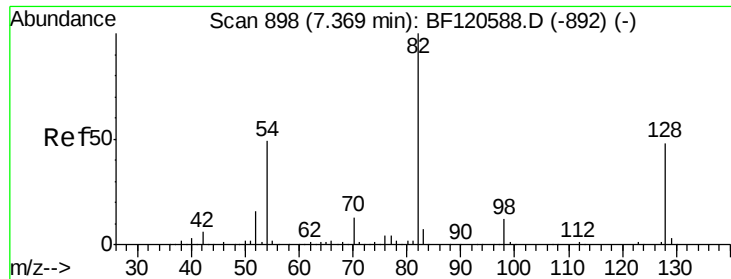
Delta R.T. -0.01 min

Lab File: BF120636.D

Acq: 17 Jun 2020 16:57

Tgt Ion:	136	Resp:	535452
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	6.6	5.8	8.6
68	5.3	4.4	6.6





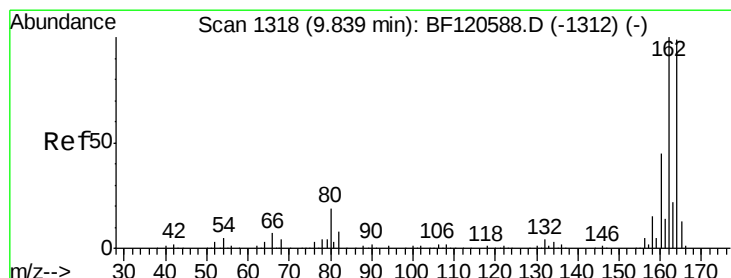
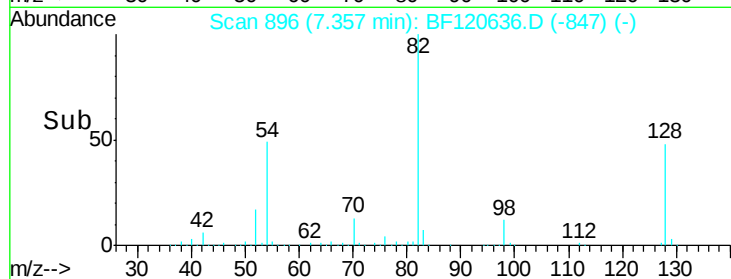
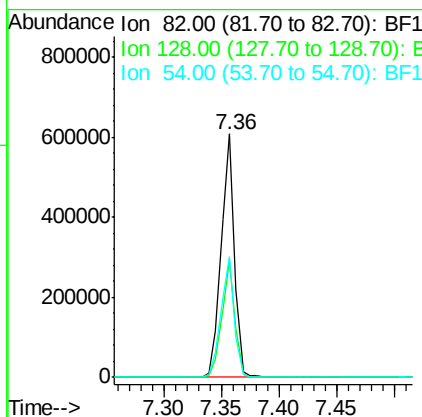
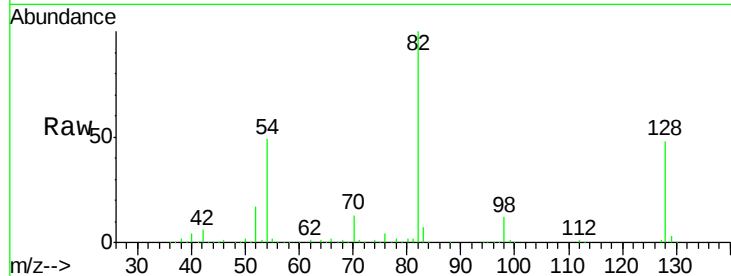
#23
 Nitrobenzene-d5
 Concen: 50.974 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampled :
 RO-7

Tot Ion	Ratio	Resp	Lower	Upper
82	100	488292		
128	47.9		38.0	57.0
54	49.4		38.8	58.2

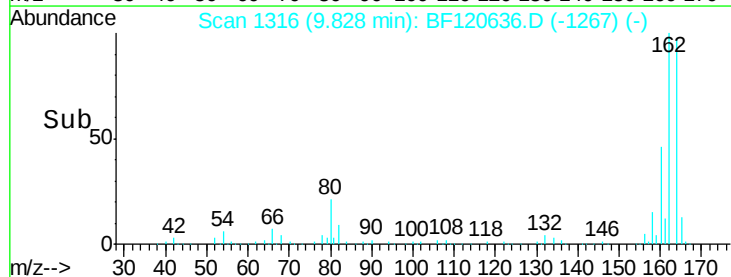
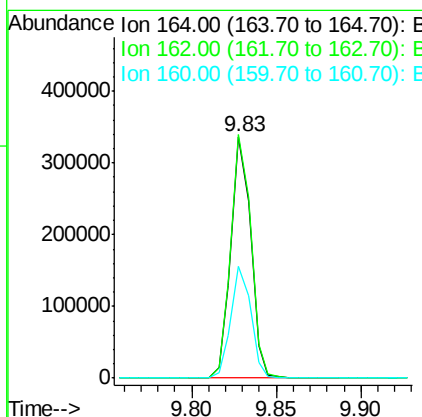
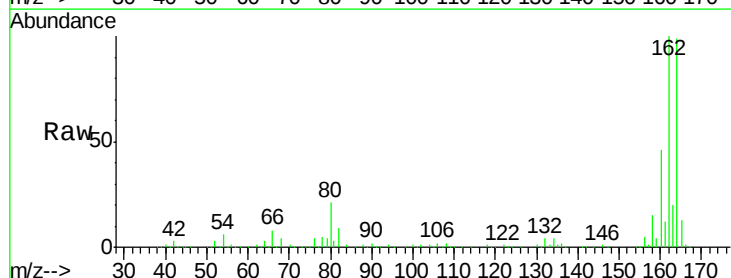
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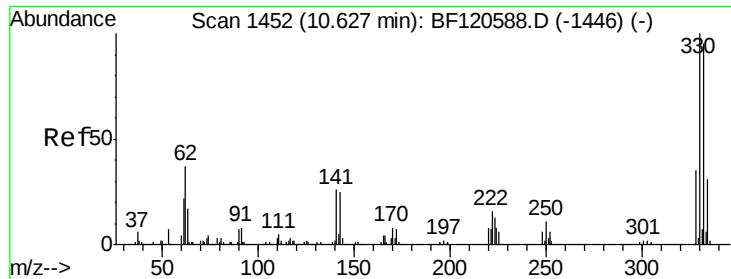
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276240		
162	100.9		80.6	120.8
160	46.1		36.2	54.2





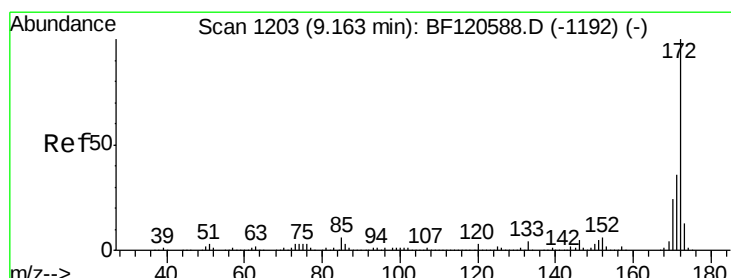
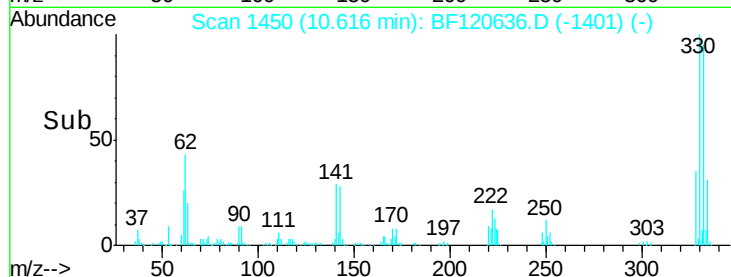
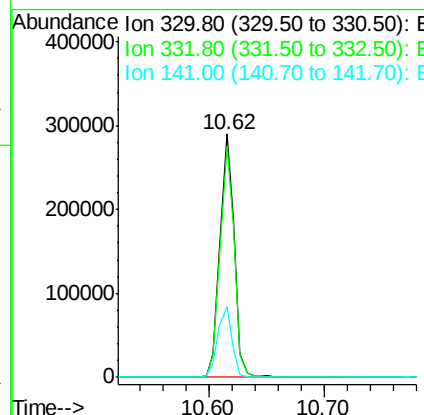
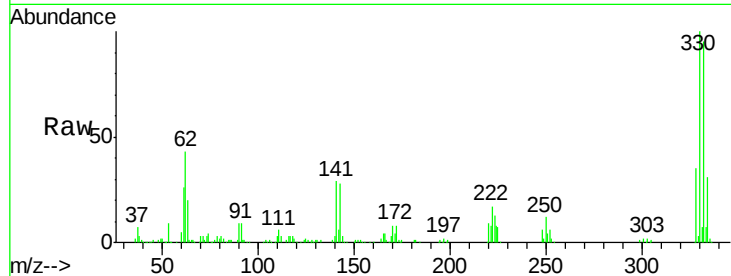
#42
 2,4,6-Tribromophenol
 Concen: 77.304 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampled :
 RO-7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	248275		
332	94.9	76.8	115.2	
141	29.4	23.2	34.8	

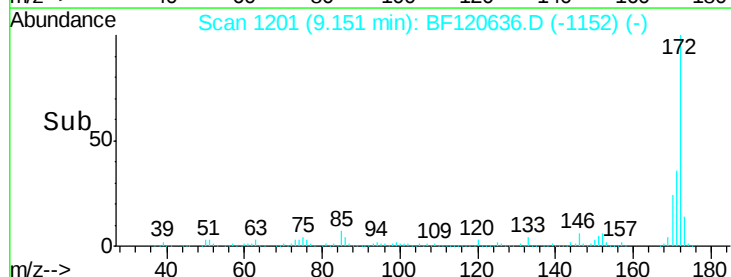
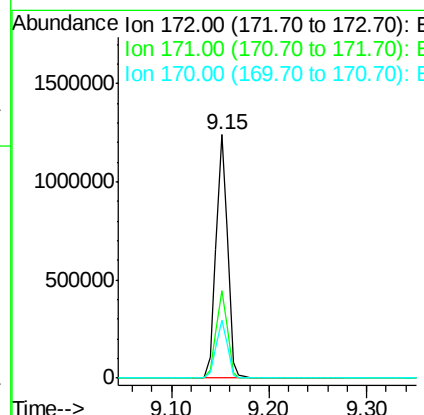
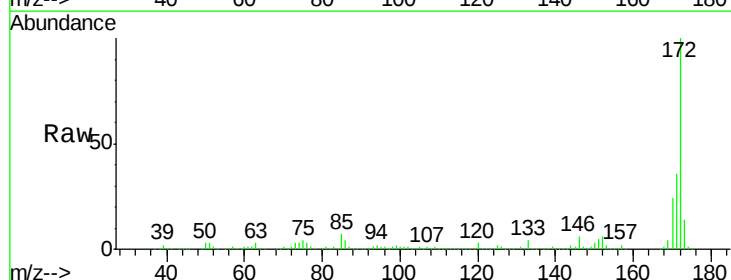
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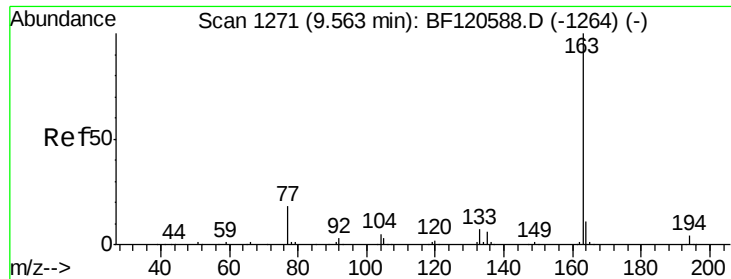
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#45
 2-Fluorobiphenyl
 Concen: 56.701 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1023744		
171	35.7	29.0	43.4	
170	23.8	19.4	29.2	





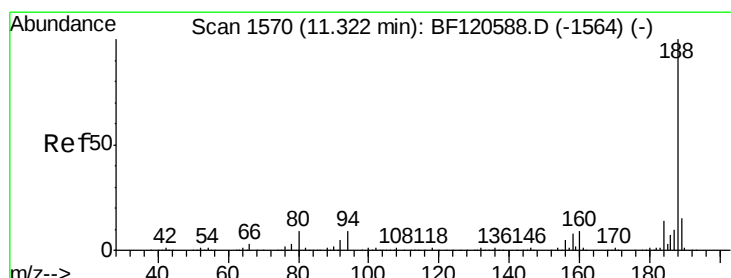
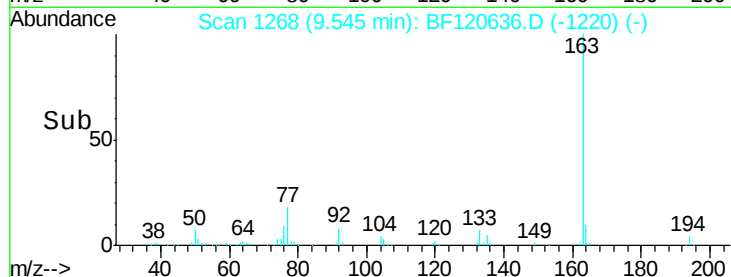
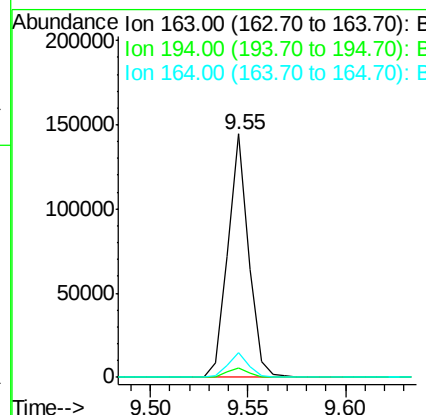
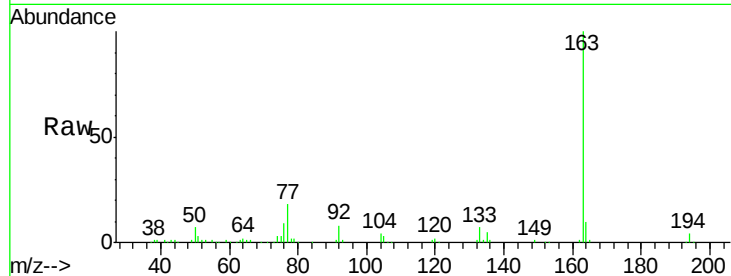
#50
Dimethylphthalate
Concen: 5.379 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
RO-7

Tot Ion:	163	Resp:	107009
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	10.2	8.5	12.7

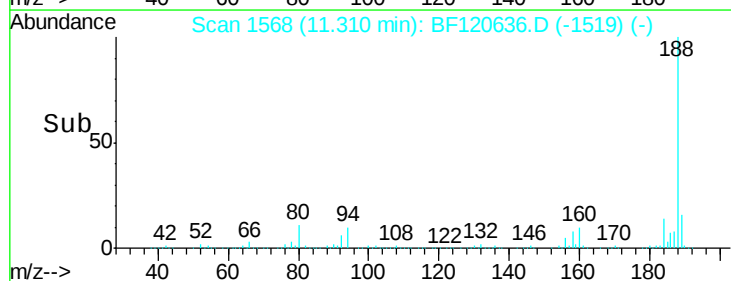
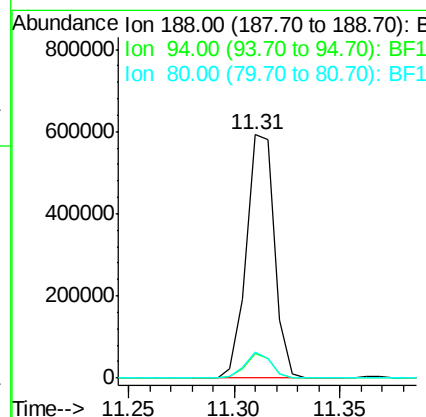
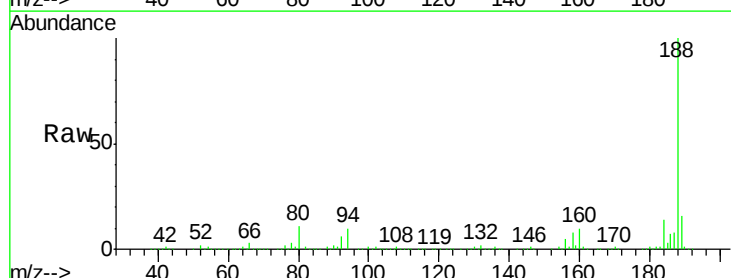
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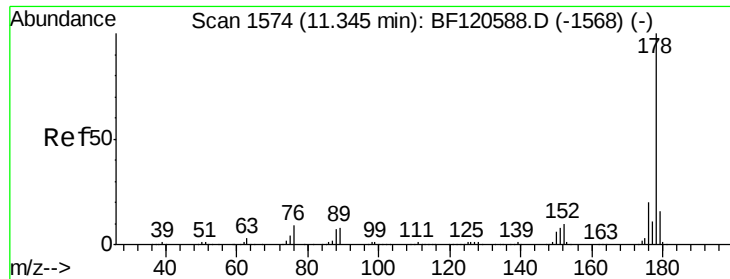
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Tgt Ion:	188	Resp:	545735
Ion Ratio	Lower	Upper	
188	100		
94	10.3	7.2	10.8
80	10.6	7.4	11.2





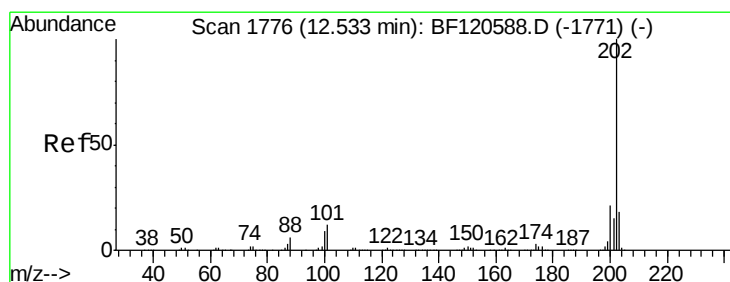
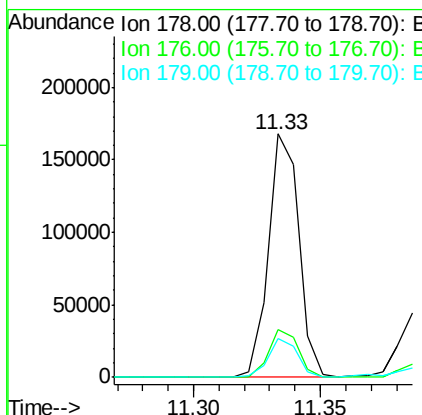
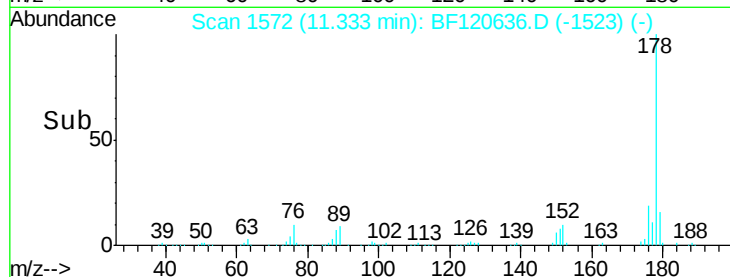
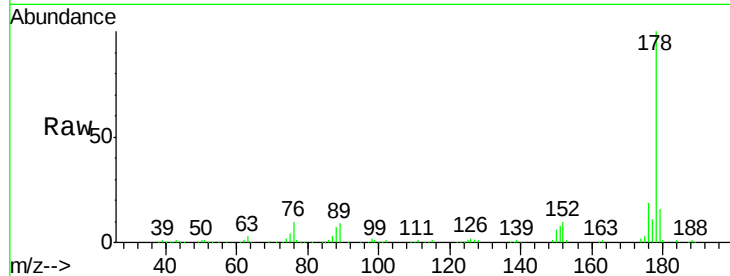
#71
Phenanthrene
Concen: 5.229 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
RO-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	12.8	19.2

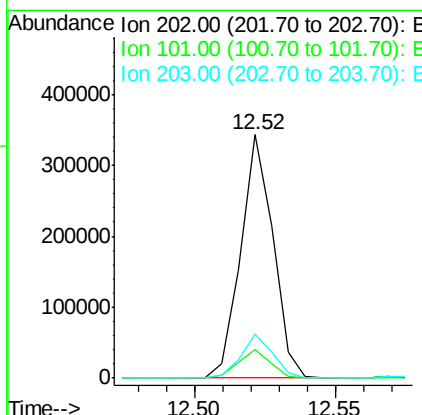
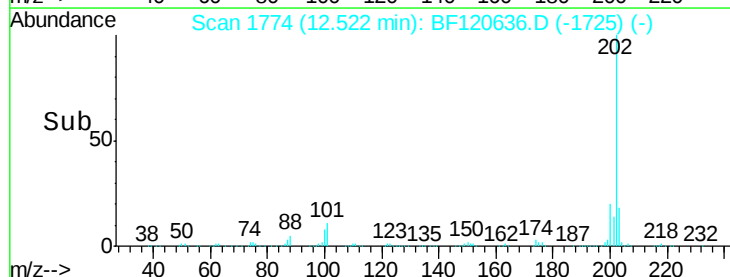
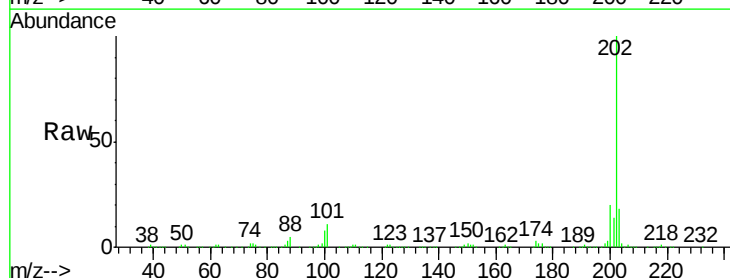
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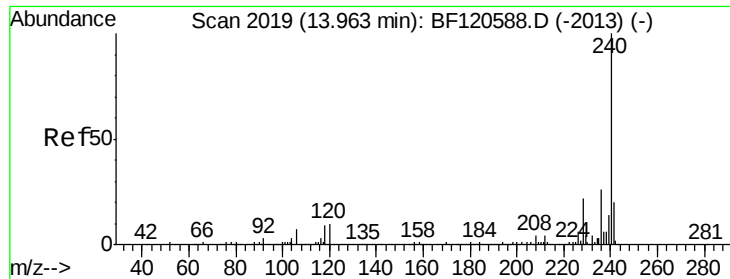
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#75
Fluoranthene
Concen: 8.765 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.0
203	18.1	0.0	38.3





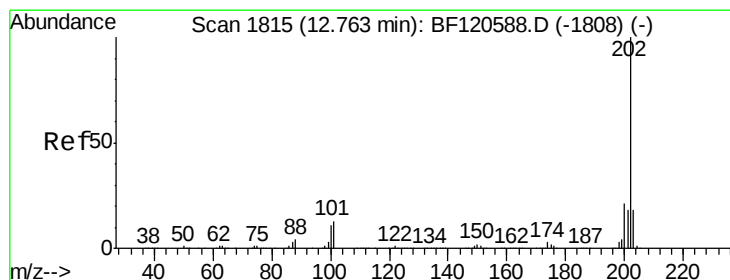
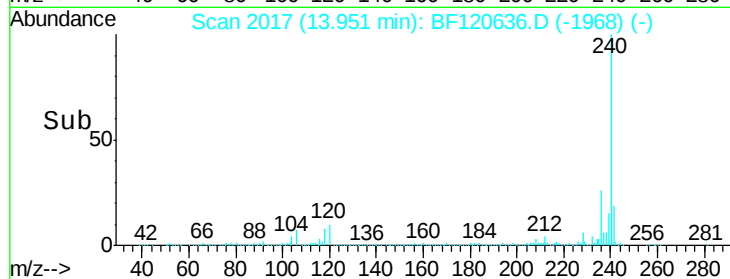
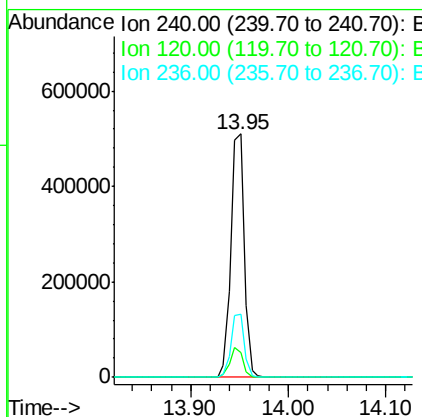
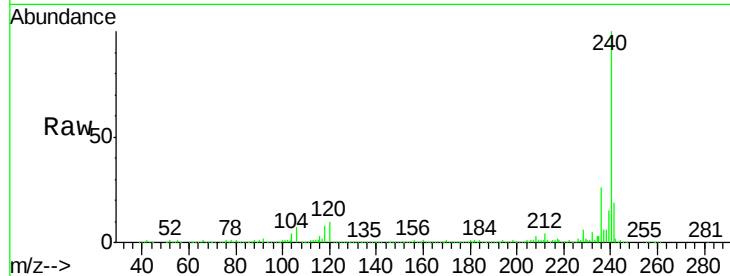
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
RO-7

Tot Ion	Ratio	Resp	Lower	Upper
240	100	490761		
120	10.1	8.3	12.5	
236	26.1	21.0	31.4	

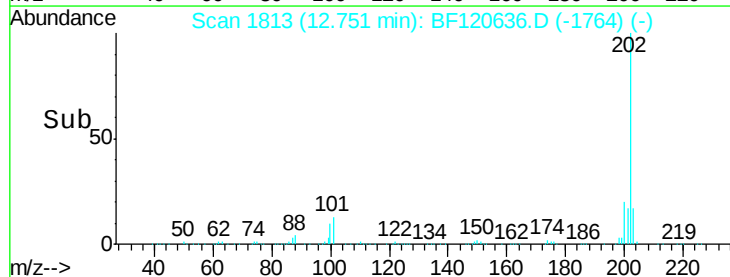
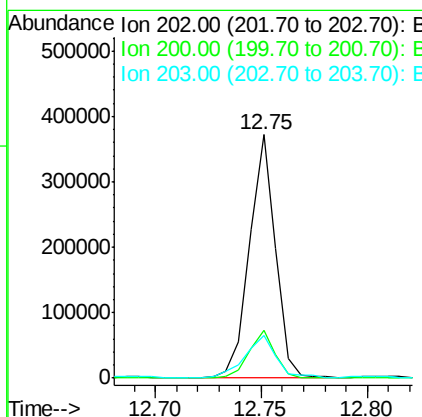
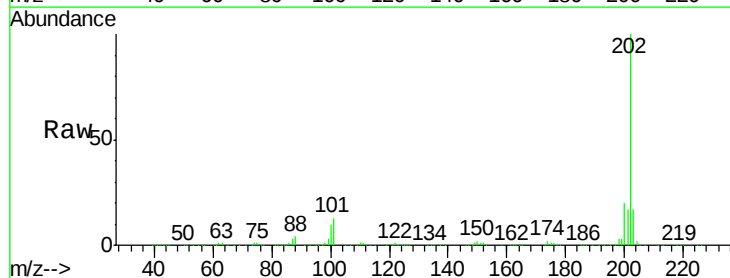
Manual Integrations
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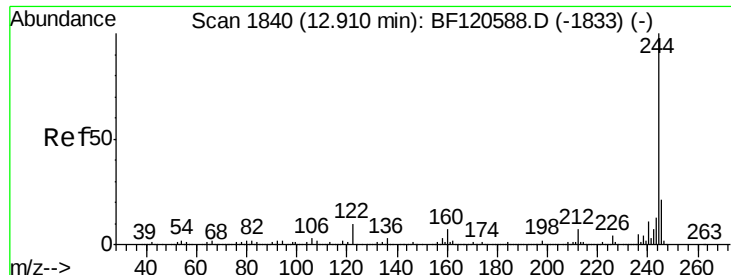
mohammad
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#78
Pyrene
Concen: 9.135 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	317600		
200	19.8	16.8	25.2	
203	17.3	14.3	21.5	





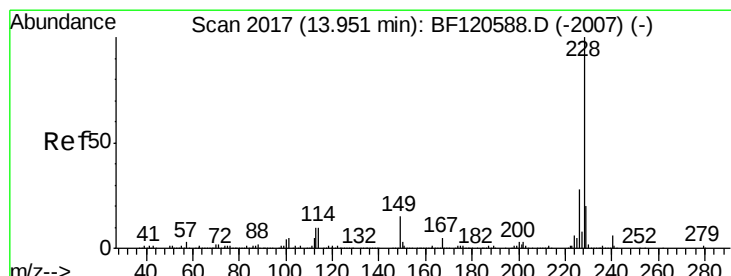
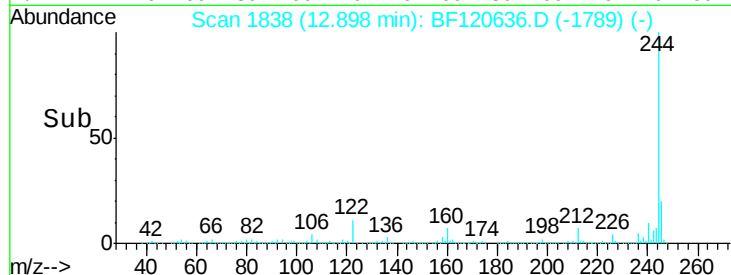
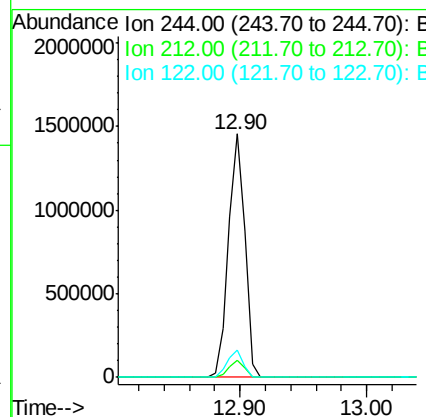
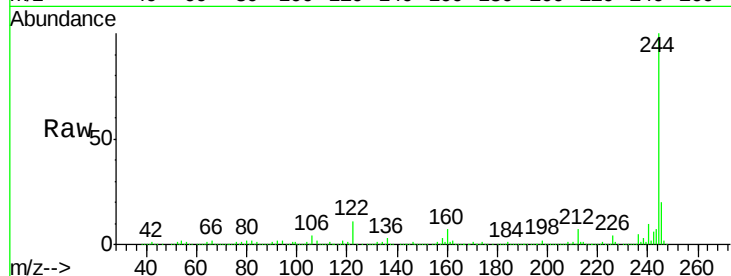
#79
 Terphenyl-d14
 Concen: 58.898 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RO-7

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.0	8.3	12.5

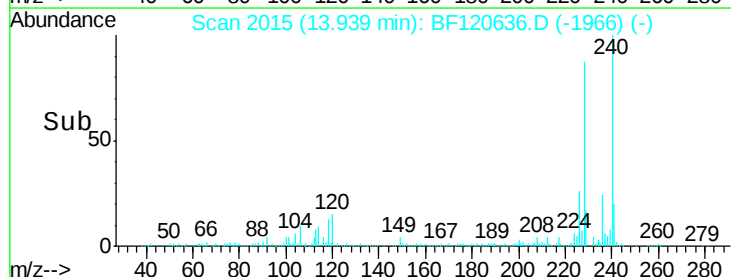
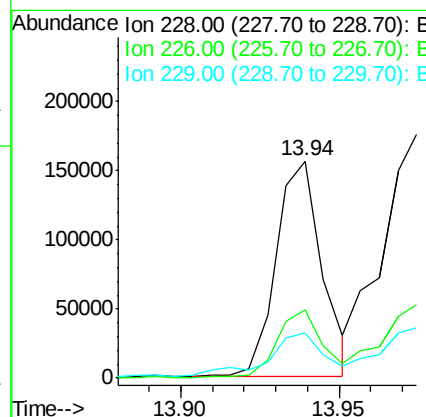
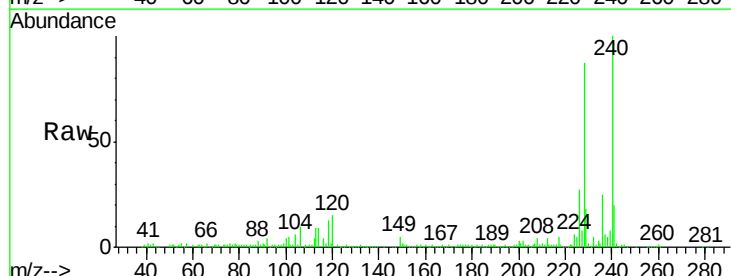
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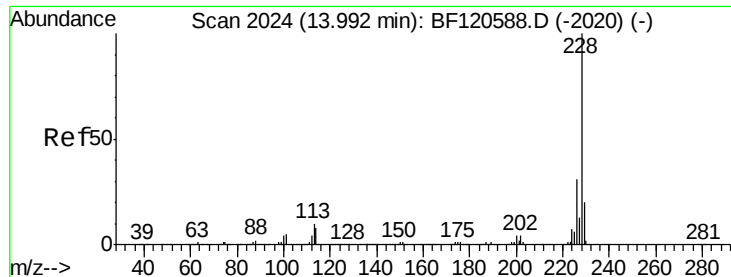
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#81
 Benzo(a)anthracene
 Concen: 5.353 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.5	33.7
229	21.0	16.1	24.1





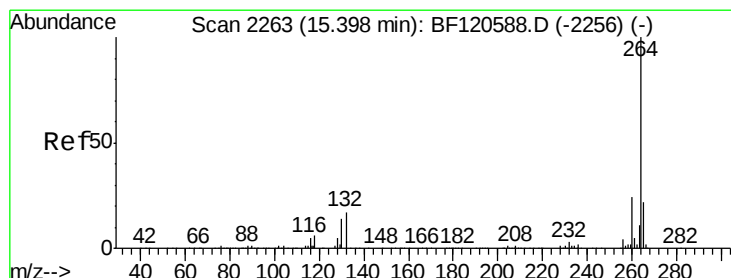
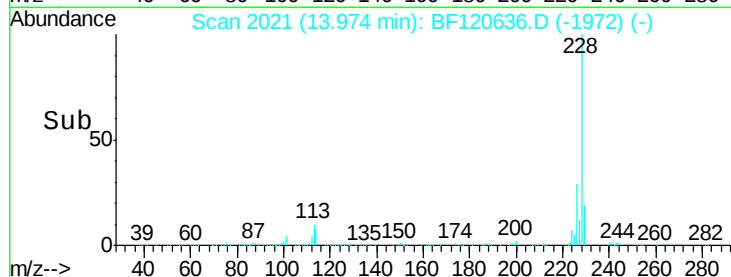
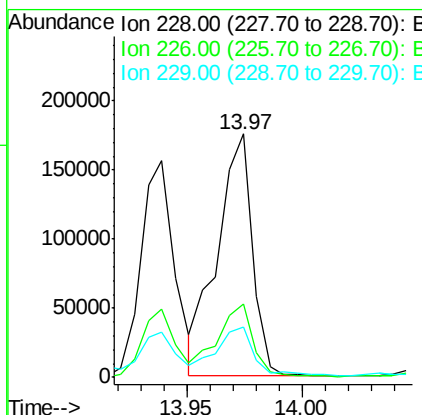
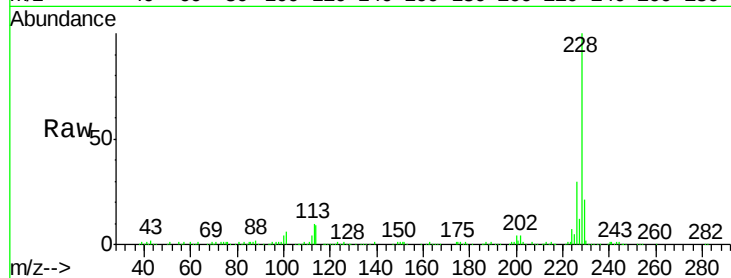
#83
Chrysene
Concen: 6.148 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

Instrument :
BNA_F
ClientSampleId :
RO-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	20.7	16.1	24.1

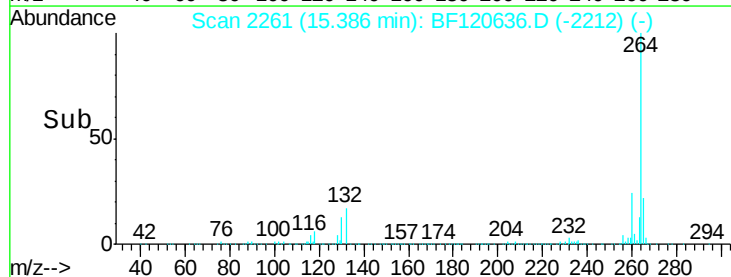
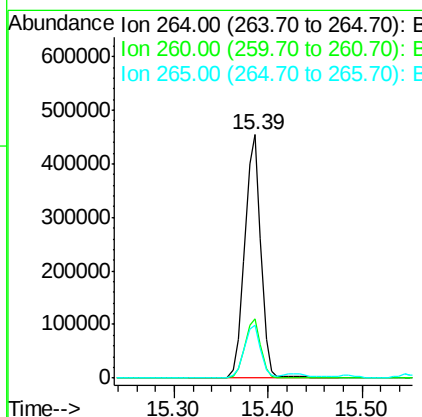
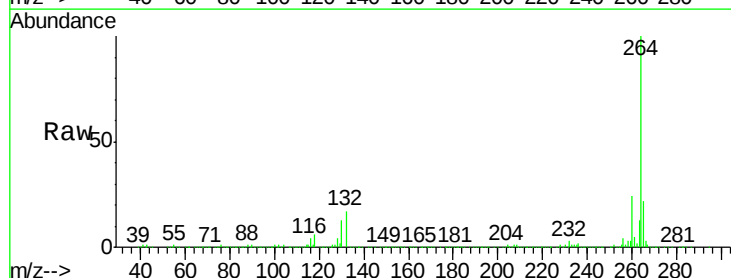
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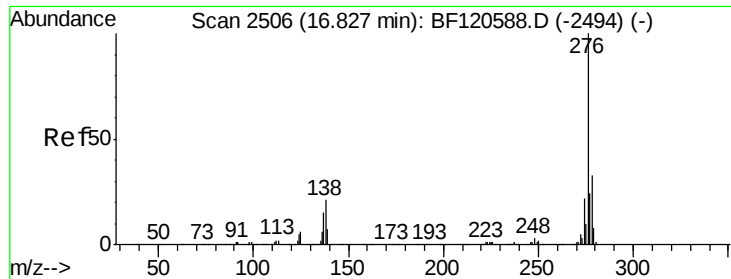
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120636.D
Acq: 17 Jun 2020 16:57

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





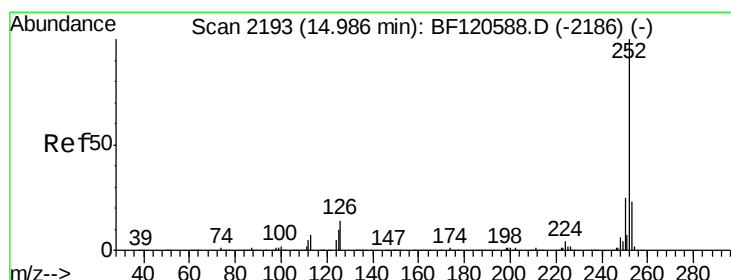
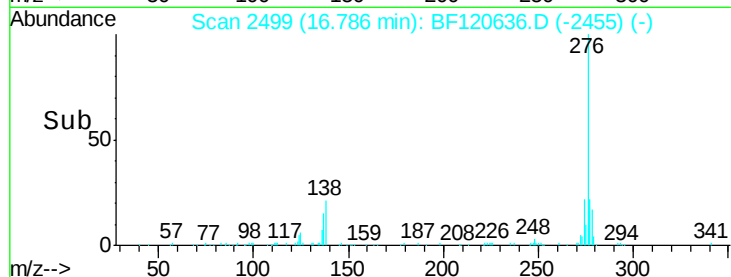
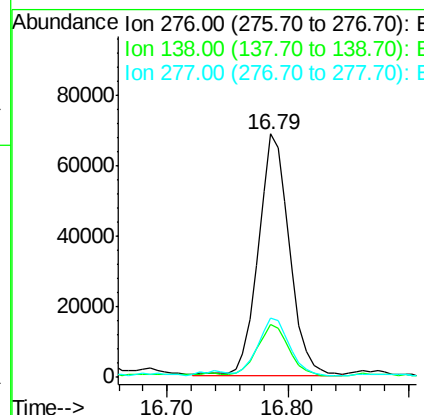
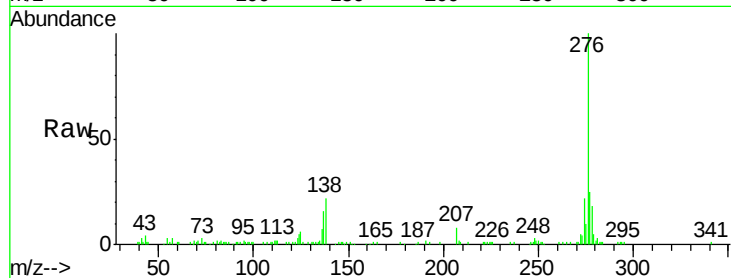
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.765 ng
 RT: 16.79 min Scan# 2499
 Delta R.T. -0.04 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RO-7

Tot Ion:	276	Resp:	123895
Ion Ratio		Lower	Upper
276	100		
138	21.5	18.9	28.3
277	24.0	20.2	30.2

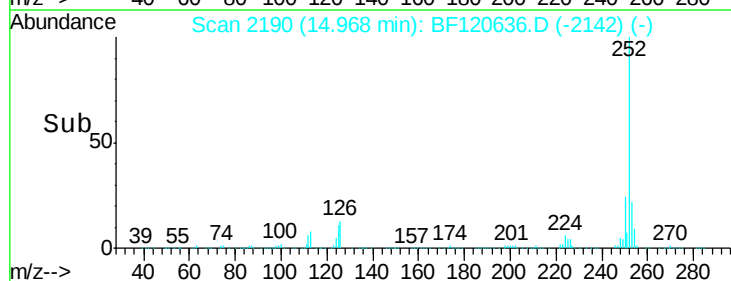
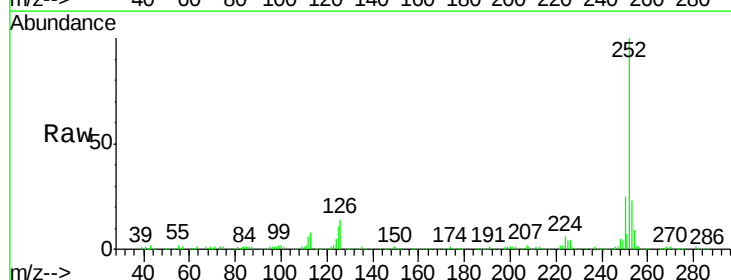
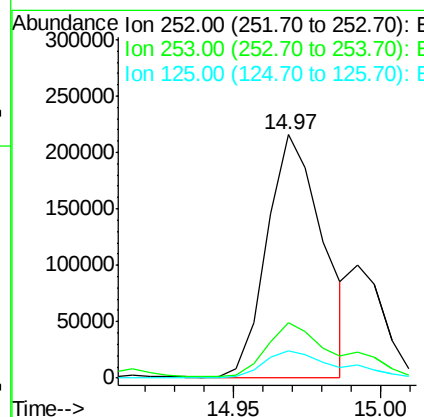
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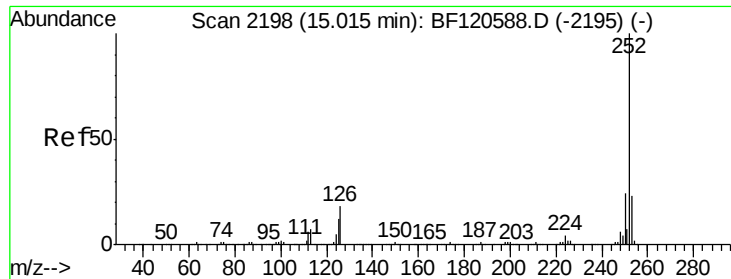
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#88
 Benzo(b)fluoranthene
 Concen: 8.926 ng m
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Tgt Ion:	252	Resp:	287644
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.3	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 2.867 ng

RT: 14.99 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BF120636.D

Acq: 17 Jun 2020 16:57

Instrument :

BNA_F

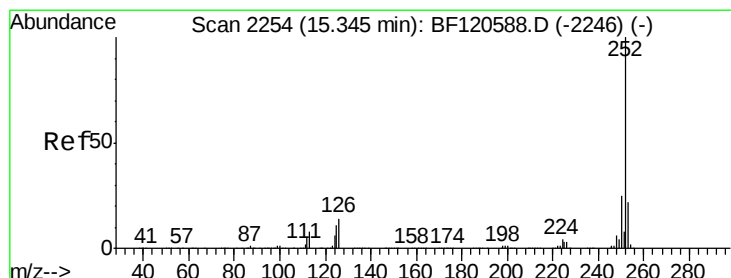
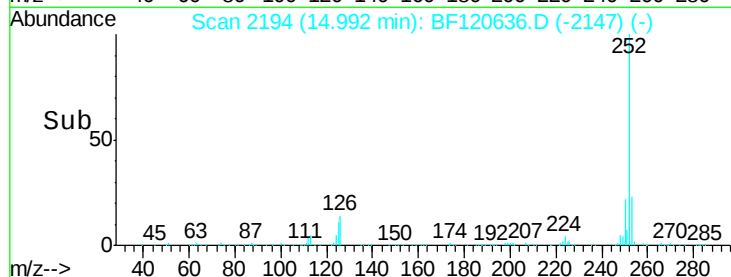
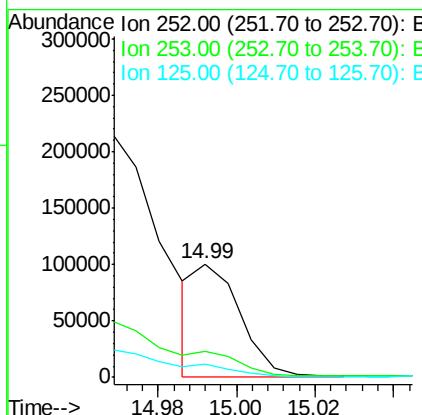
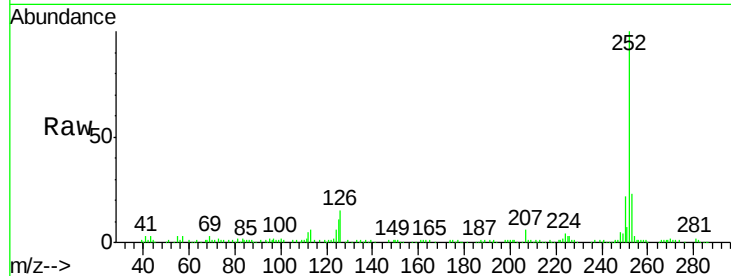
ClientSampled :

RO-7

Tot Ion:	252	Resp:	81759
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	11.5	8.3	12.5

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#90

Benzo(a)pyrene

Concen: 5.802 ng

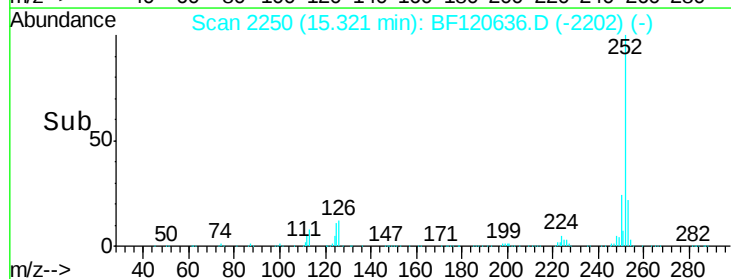
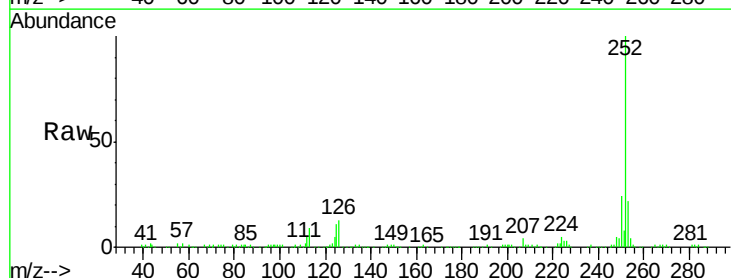
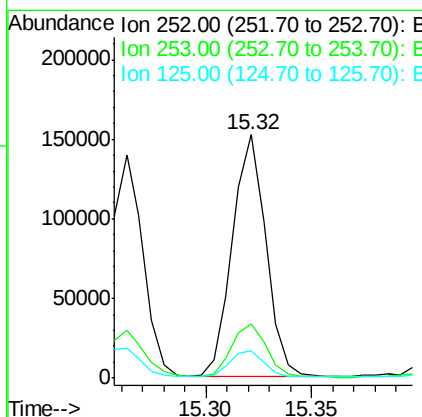
RT: 15.32 min Scan# 2250

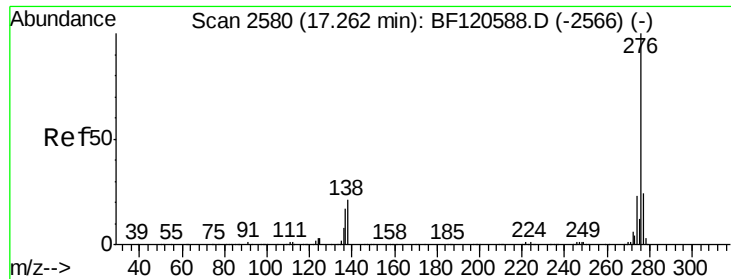
Delta R.T. -0.02 min

Lab File: BF120636.D

Acq: 17 Jun 2020 16:57

Tgt Ion:	252	Resp:	167350
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	11.3	8.6	12.8





#92
 Benzo(a,h,i)perylene
 Concen: 4.832 ng
 RT: 17.22 min Scan# 2572
 Delta R.T. -0.04 min
 Lab File: BF120636.D
 Acq: 17 Jun 2020 16:57

Instrument :
 BNA_F
 ClientSampleId :
 RO-7

Tot Ion:	276	Resp:	128521
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.6	29.4
138	21.4	16.5	24.7

Manual Integrations
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