

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120198.D
 Acq On : 24 Apr 2020 13:23
 Operator : MA/SJ
 Sample : L2120-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042220

Manual Integrations
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Quant Time: Apr 24 13:55:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166915	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	633090	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	306044	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	516298	20.00	ng	0.00
76) Chrysene-d12	13.82	240	312396	20.00	ng	-0.01
87) Perylene-d12	15.22	264	306015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	522715	54.12	ng	0.00
7) Phenol-d6	6.31	99	696458	55.96	ng	0.00
23) Nitrobenzene-d5	7.23	82	435158	35.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	164726	43.96	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	869464	40.34	ng	0.00
79) Terphenyl-d14	12.77	244	732410	39.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	121745	5.143	ng	99
71) Phenanthrene	11.20	178	212812	7.745	ng	97
75) Fluoranthene	12.39	202	302689	10.209	ng	96
78) Pyrene	12.62	202	280996	10.670	ng	99
81) Benzo(a)anthracene	13.80	228	128718	6.263	ng	98
83) Chrysene	13.84	228	118982	5.698	ng	95
86) Indeno(1,2,3-cd)pyrene	16.56	276	61042	3.316	ng	95
88) Benzo(b)fluoranthene	14.83	252	138243m	6.280	ng	
89) Benzo(k)fluoranthene	14.85	252	54258m	2.857	ng	
90) Benzo(a)pyrene	15.16	252	105771	5.714	ng	98
92) Benzo(g,h,i)perylene	16.97	276	57916	3.579	ng	94

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

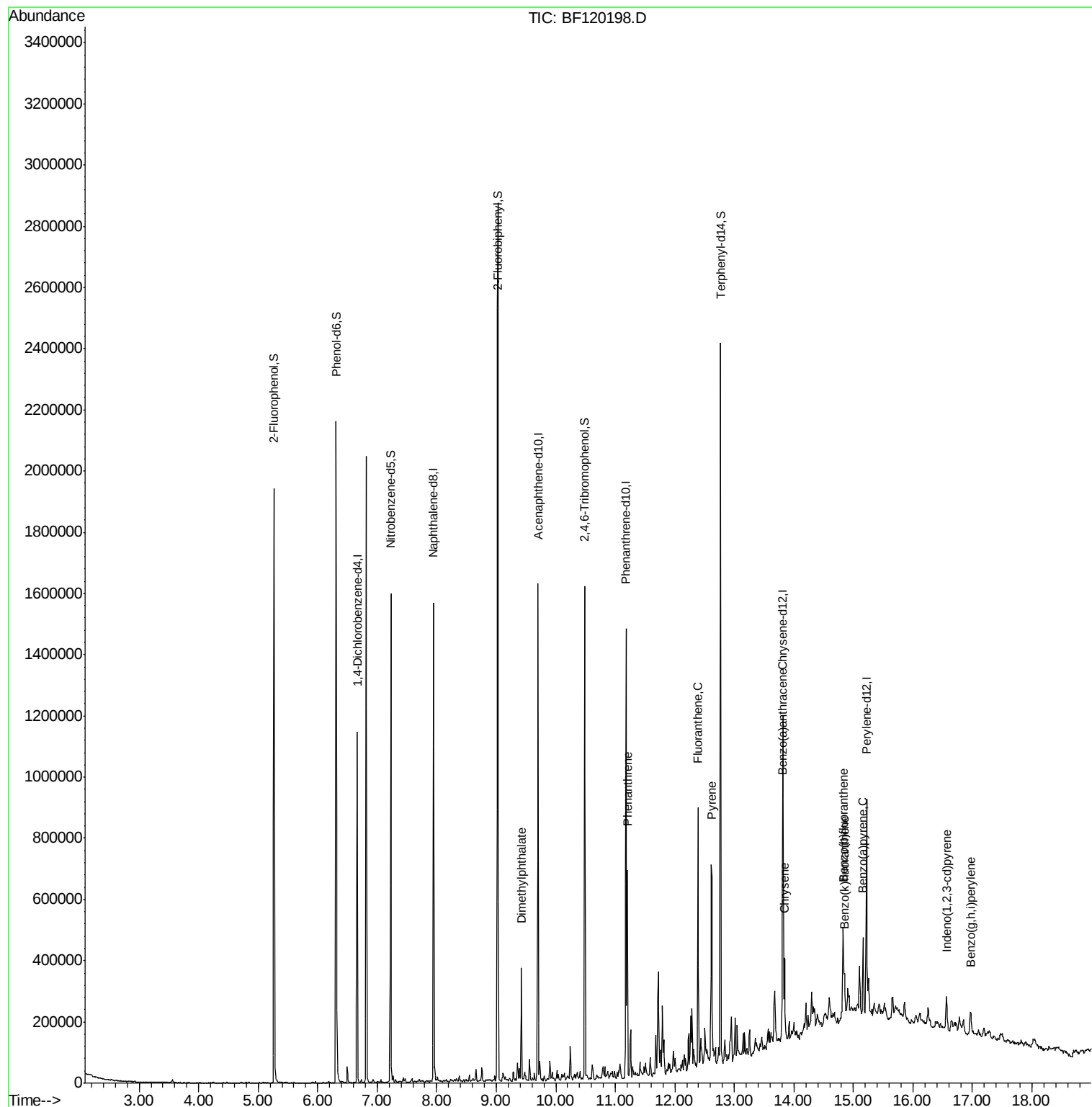
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120198.D
Acq On : 24 Apr 2020 13:23
Operator : MA/SJ
Sample : L2120-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

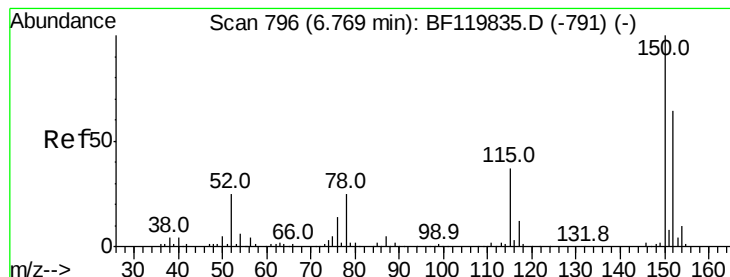
Instrument :
BNA_F
ClientSampleId :
OR-02-042220

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

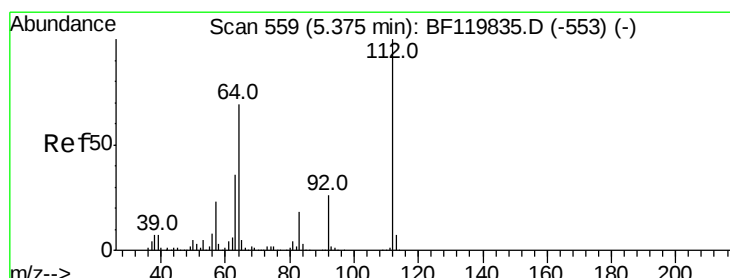
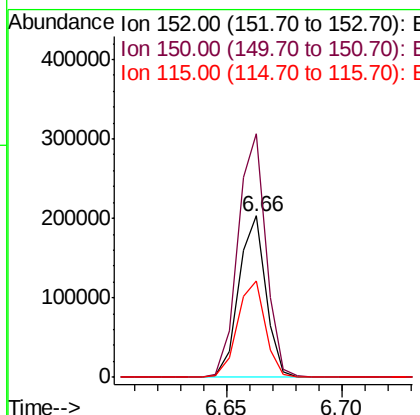
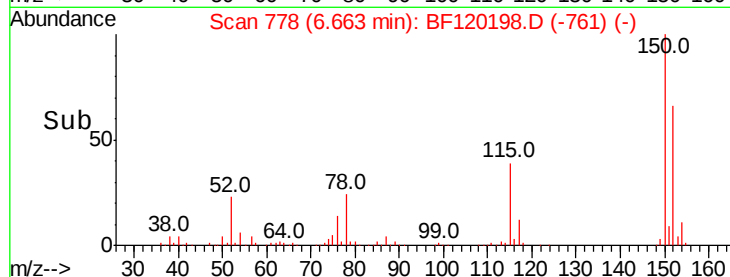
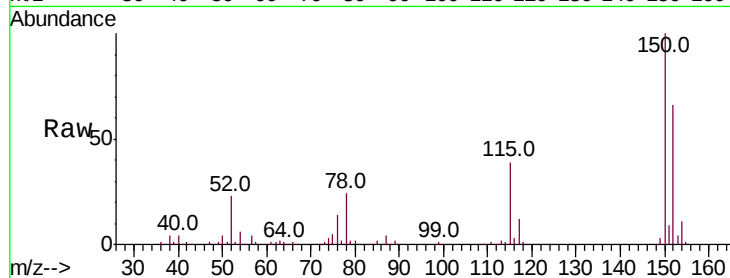
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Instrument :
BNA_F
ClientSampleId :
OR-02-042220

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.5	186.7
115	59.5	49.6	74.4

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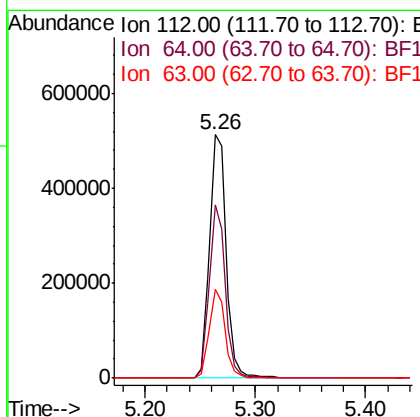
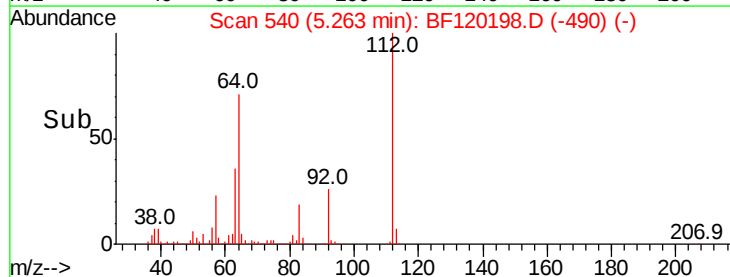
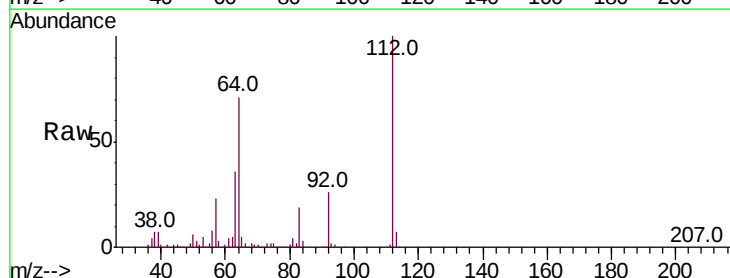
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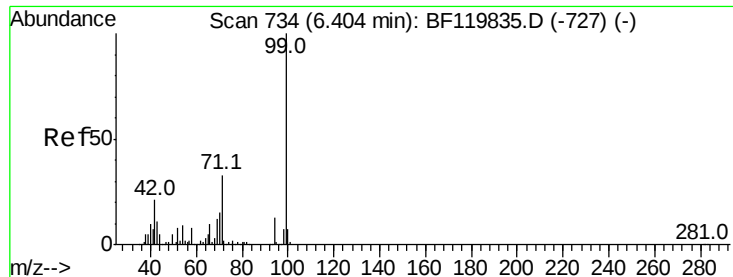


#5

2-Fluorophenol
Concen: 54.120 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	56.7	85.1
63	36.4	29.5	44.3





#7

Phenol-d6

Concen: 55.961 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Instrument :

BNA_F

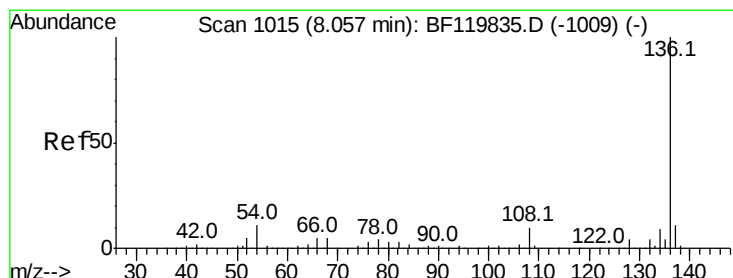
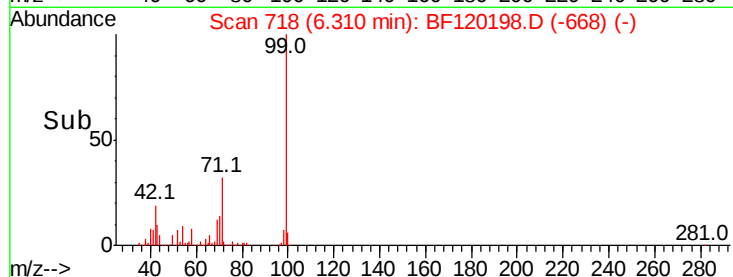
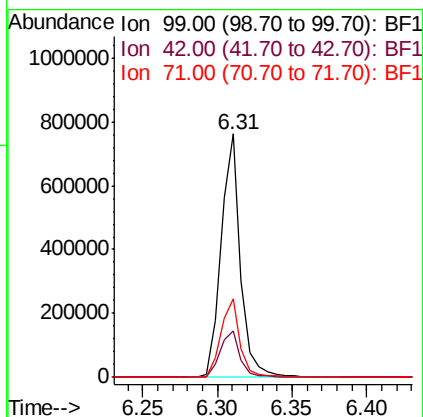
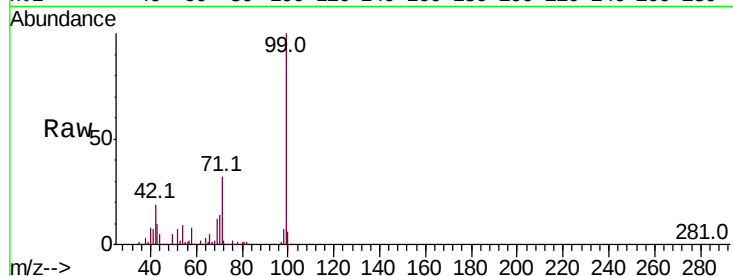
ClientSampleId :

OR-02-042220

Tot Ion	99	Resp	696458
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.6	24.8
71	32.3	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

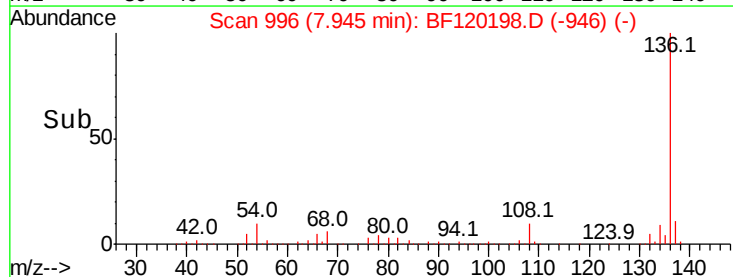
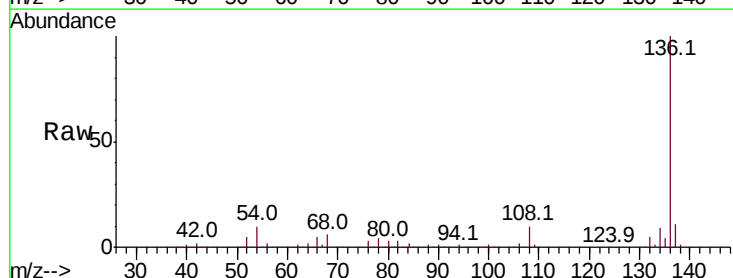
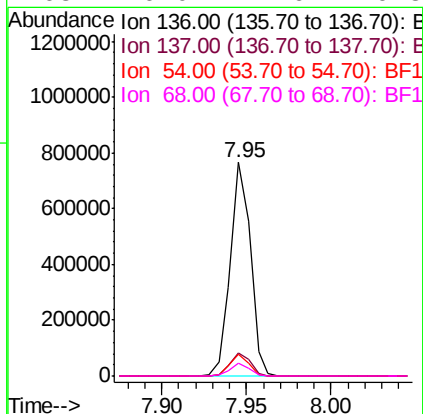
RT: 7.95 min Scan# 996

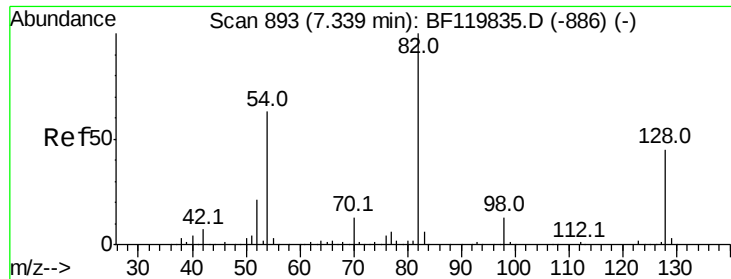
Delta R.T. -0.01 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Tgt Ion	136	Resp	633090
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	10.3	9.1	13.7
68	6.0	4.6	6.8





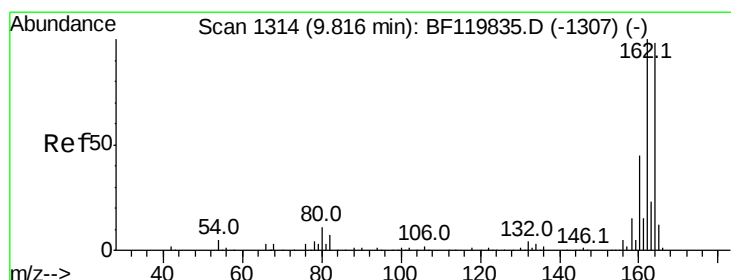
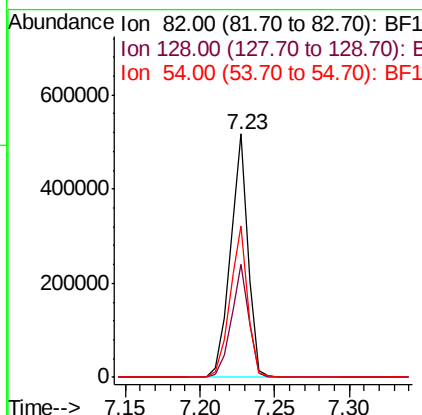
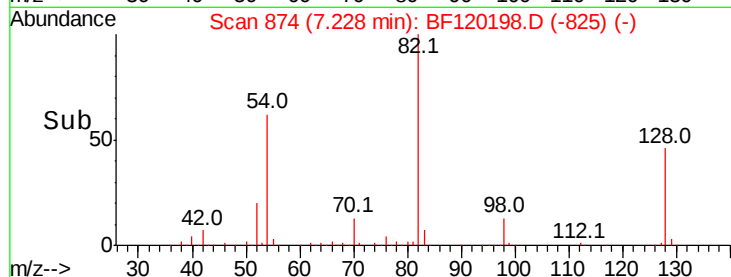
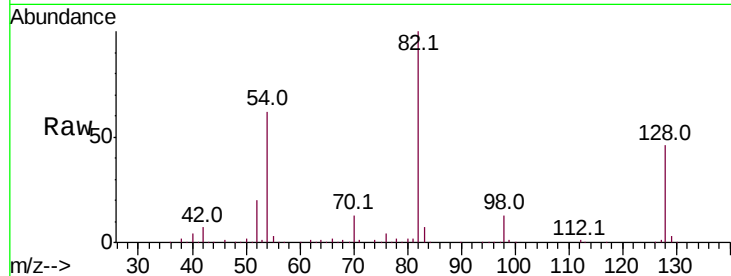
#23
 Nitrobenzene-d5
 Concen: 35.559 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042220

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	62.2	50.6	75.8

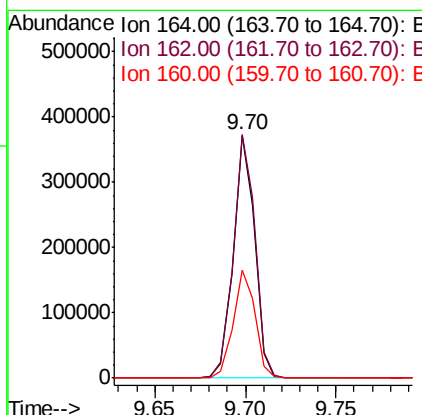
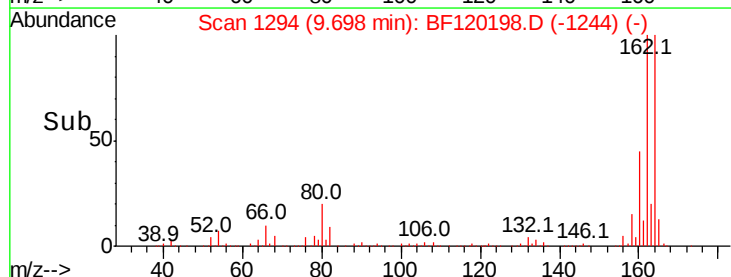
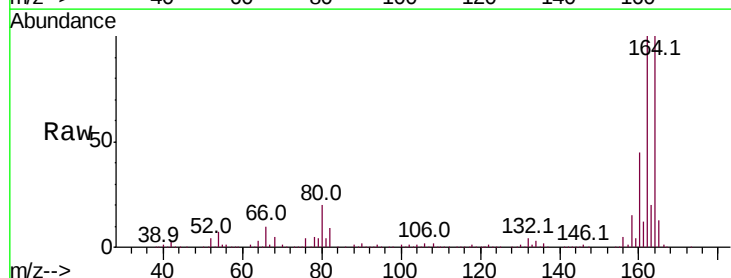
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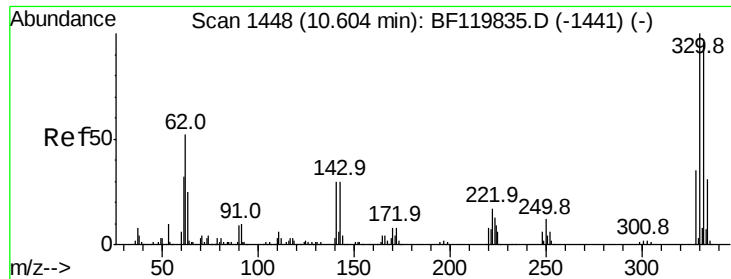
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	44.7	35.7	53.5





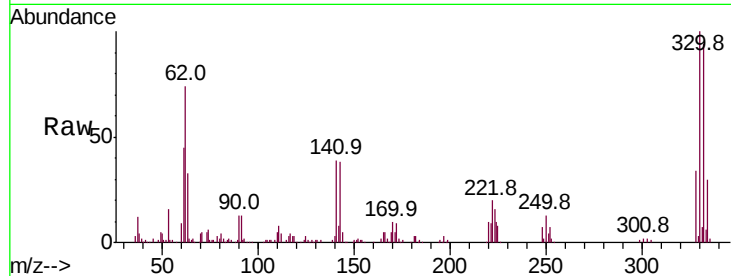
#42
 2,4,6-Tribromophenol
 Concen: 43.962 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042220

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	34.9	25.4	38.0

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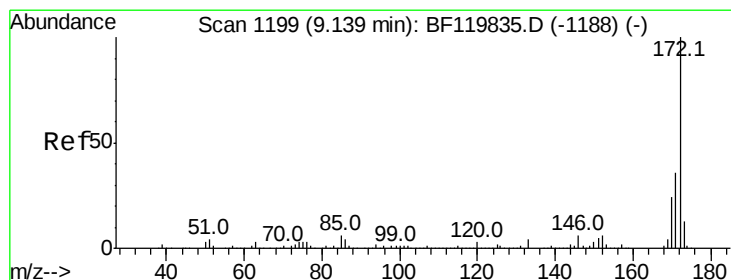
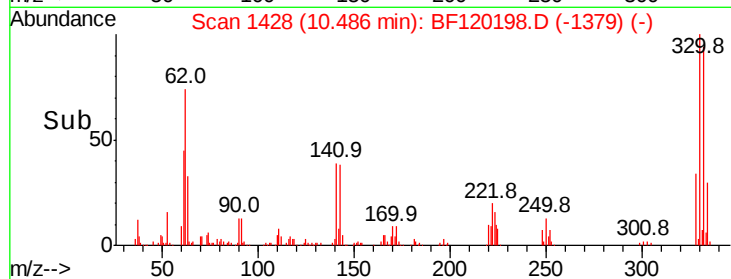
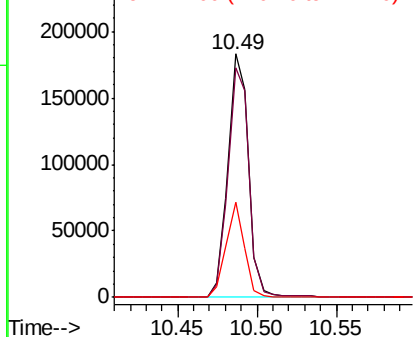


Abundance

Ion 329.80 (329.50 to 330.50): E

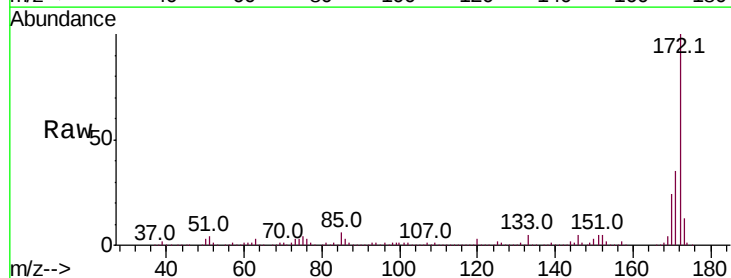
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 40.336 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.6	20.2	30.2

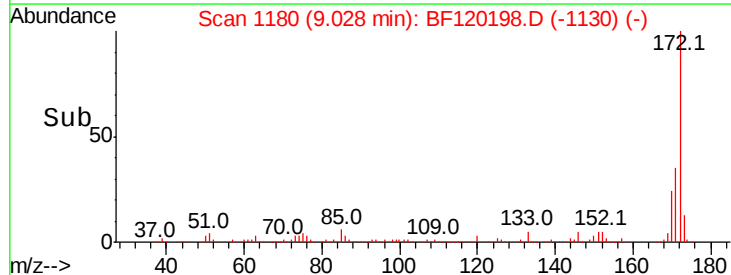
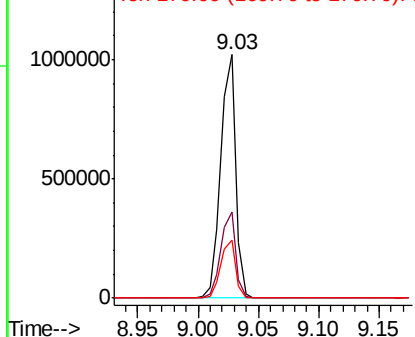


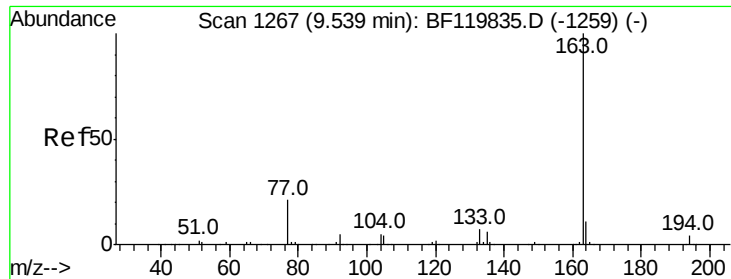
Abundance

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: 5.143 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Instrument :

BNA_F

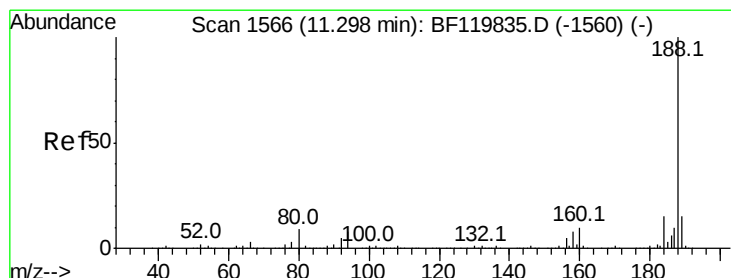
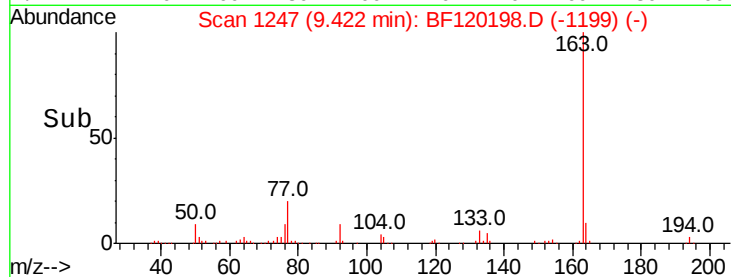
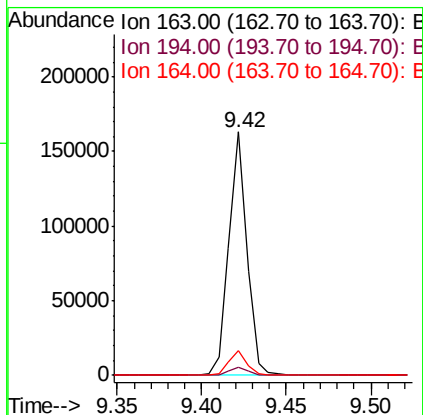
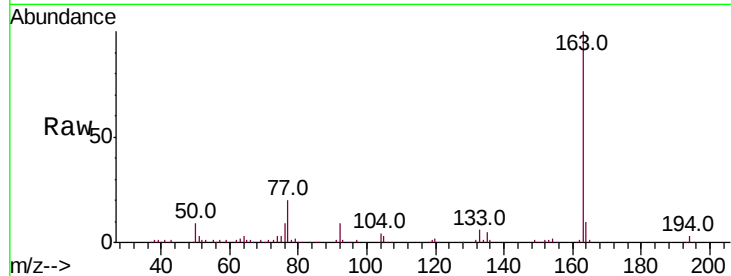
ClientSampleId :

OR-02-042220

Tot Ion	163	Resp	121745
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.1	4.7
164	10.3	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

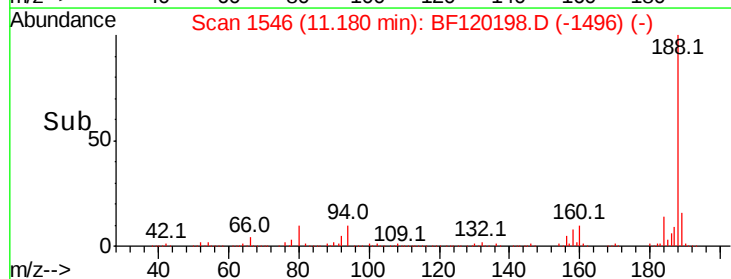
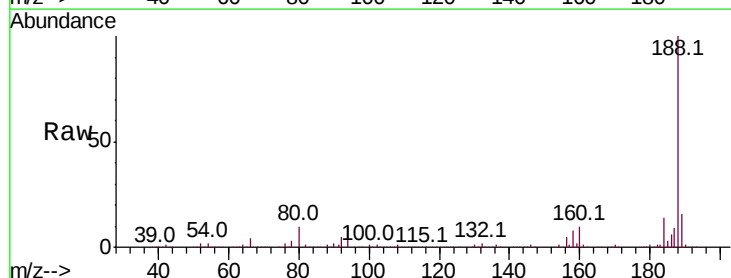
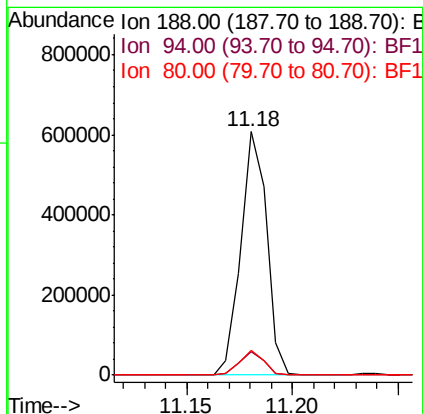
RT: 11.18 min Scan# 1546

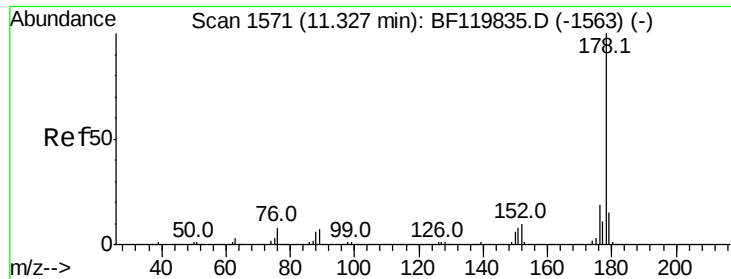
Delta R.T. -0.01 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Tgt Ion	188	Resp	516298
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.5	11.3
80	9.9	9.0	13.4





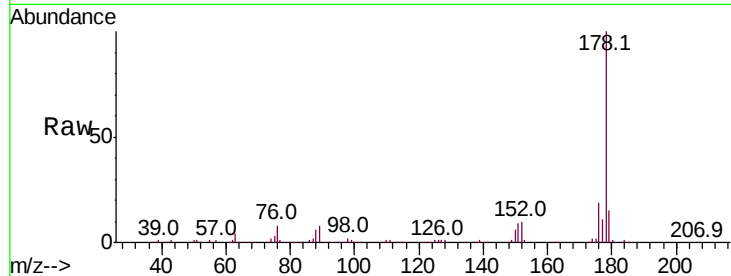
#71
Phenanthrene
Concen: 7.745 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Instrument :
BNA_F
ClientSampleId :
OR-02-042220

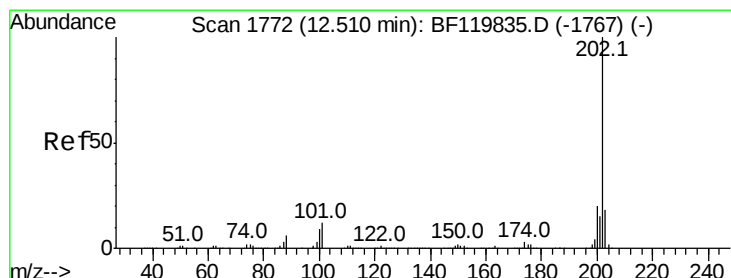
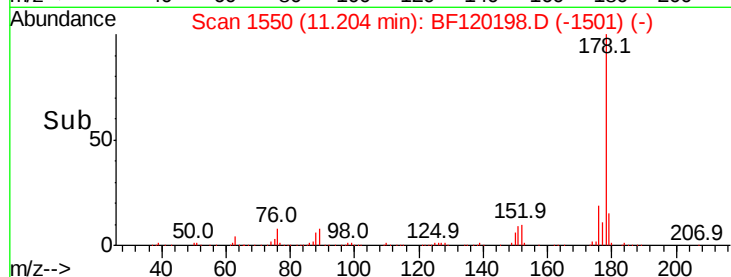
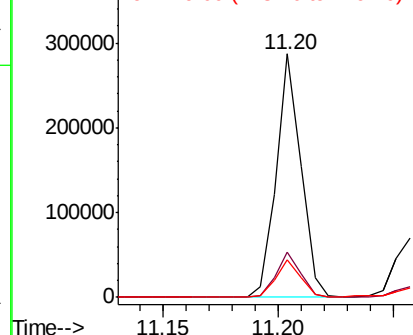
Tot Ion	Ratio	Resp	Lower	Upper
178	100	212812		
176	18.8	16.2	24.4	
179	15.3	13.2	19.8	

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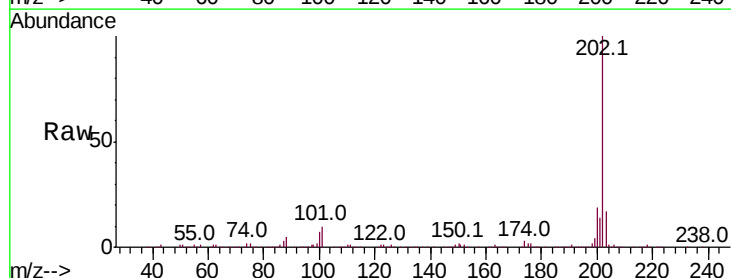


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

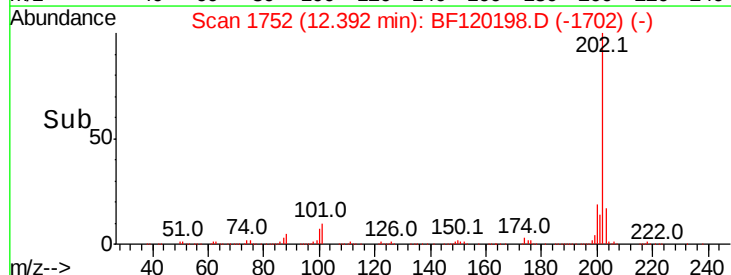
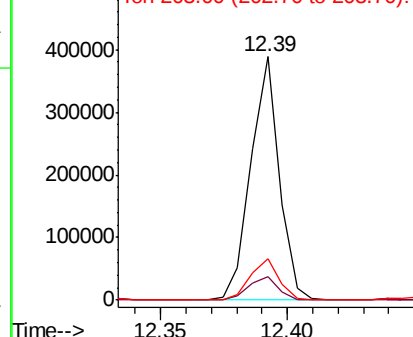


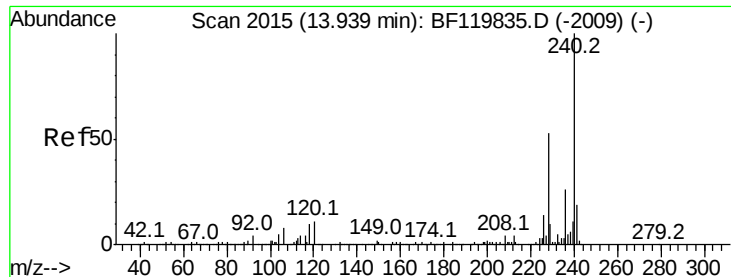
#75
Fluoranthene
Concen: 10.209 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	302689		
101	9.8	0.0	32.2	
203	17.3	0.0	38.8	



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





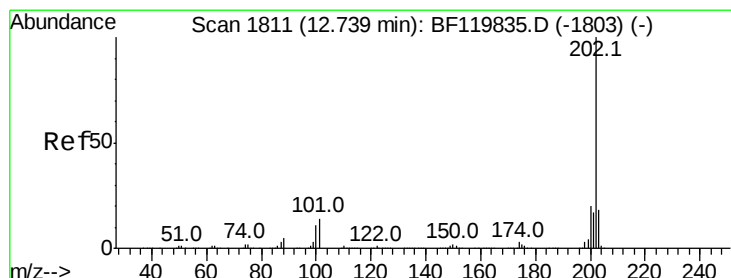
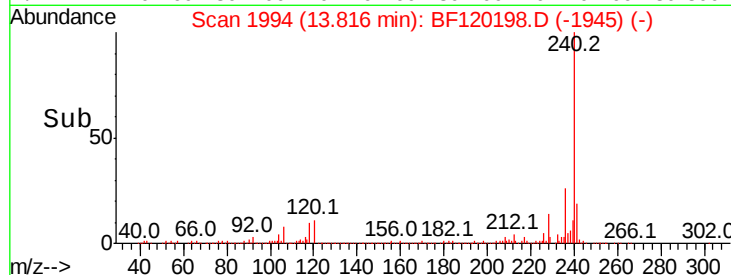
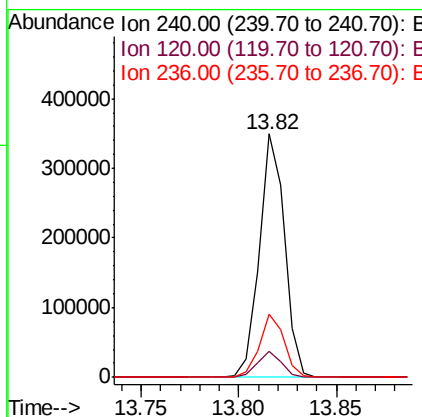
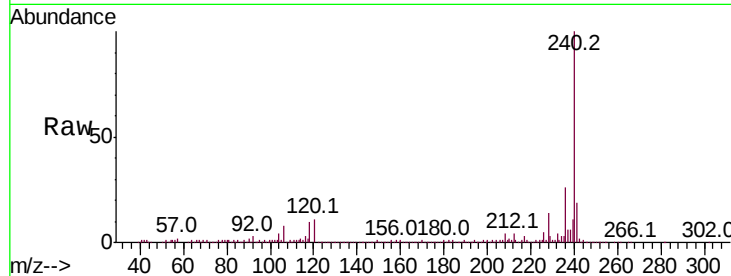
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Instrument :
BNA_F
ClientSampleId :
OR-02-042220

Tot Ion	Ratio	Resp	Lower	Upper
240	100	312396		
120	10.9	10.6	15.8	
236	26.1	20.2	30.2	

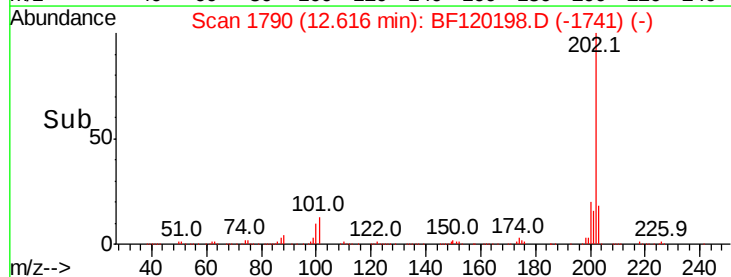
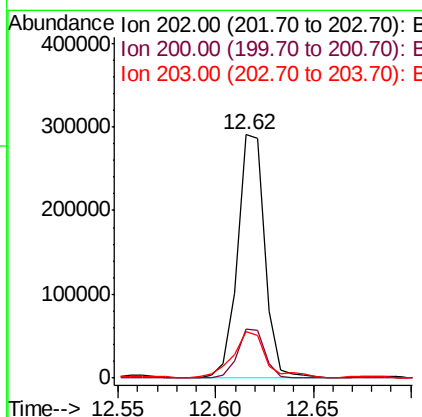
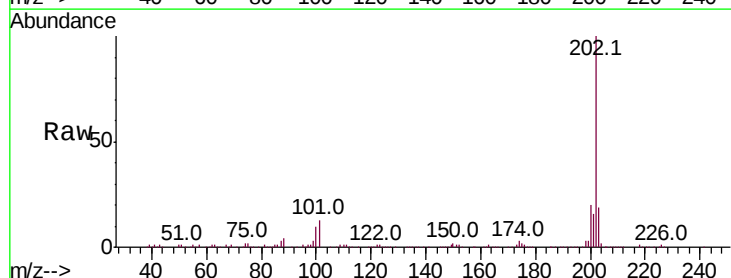
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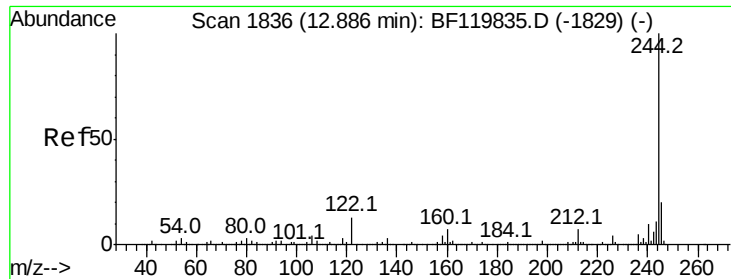
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#78
Pyrene
Concen: 10.670 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	280996		
200	20.1	16.8	25.2	
203	19.1	15.1	22.7	





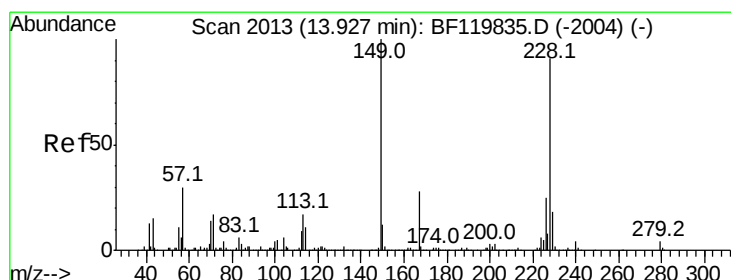
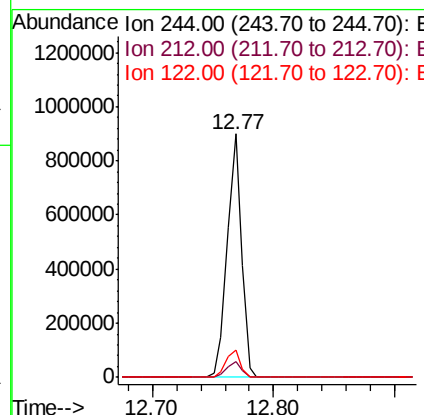
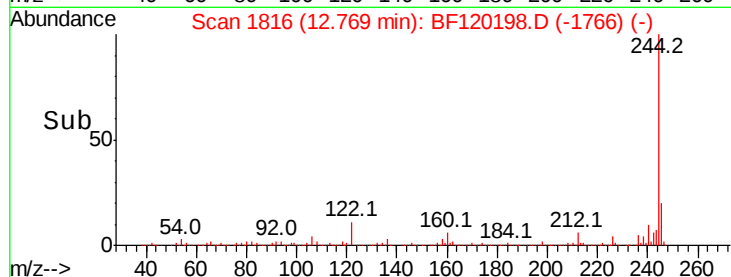
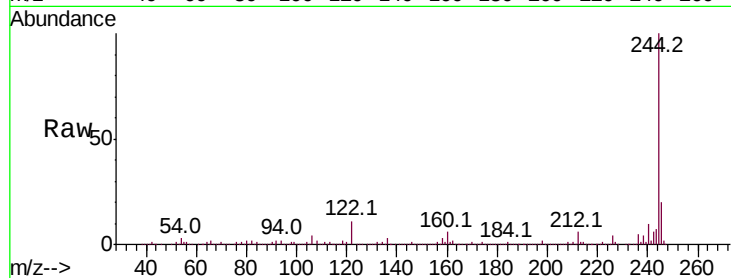
#79
 Terphenyl-d14
 Concen: 39.450 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042220

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	11.2	10.3	15.5

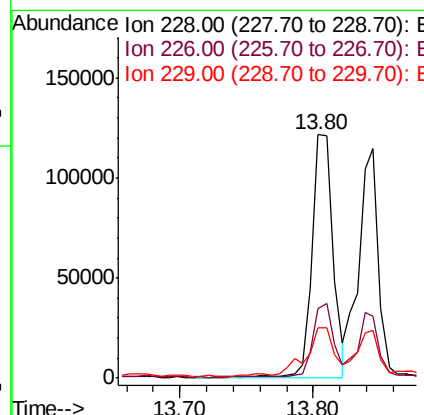
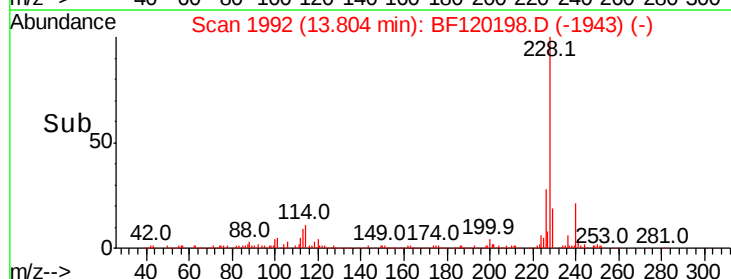
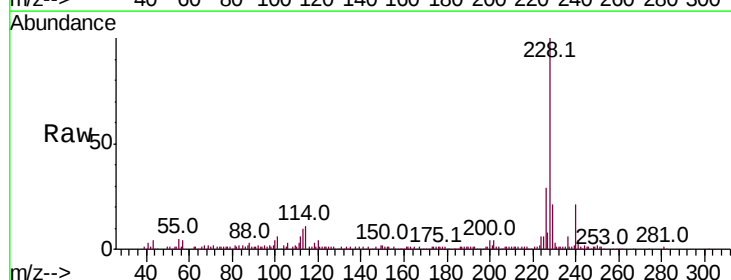
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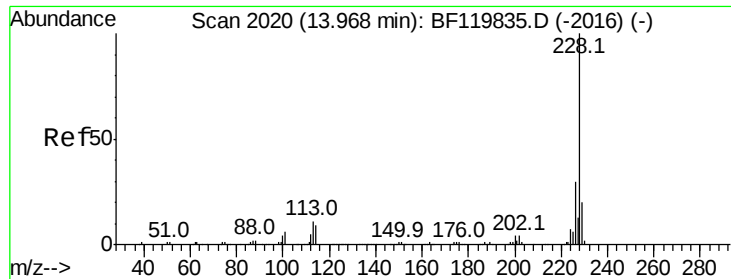
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#81
 Benzo(a)anthracene
 Concen: 6.263 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.8	32.8
229	20.7	16.2	24.4





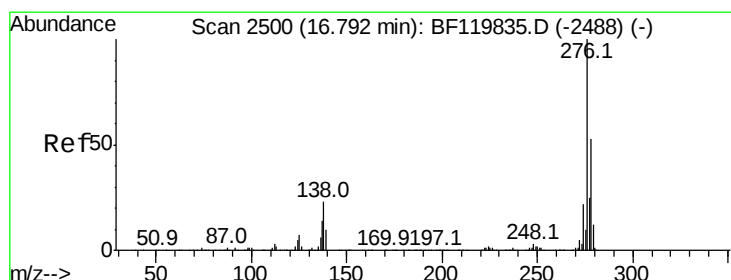
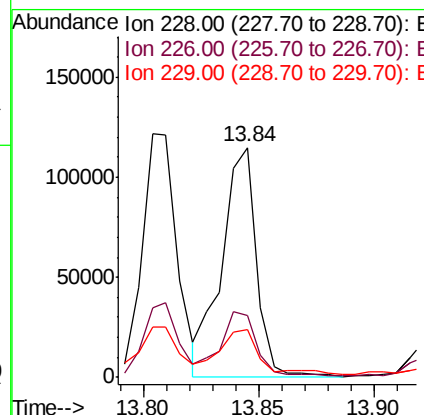
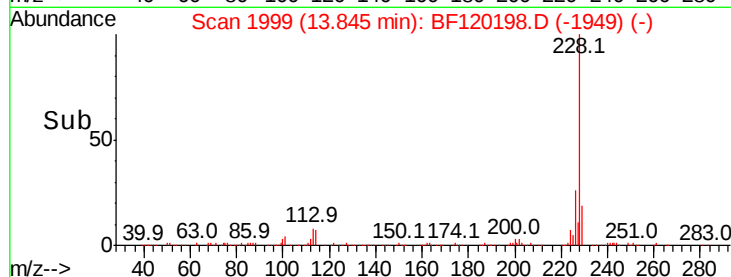
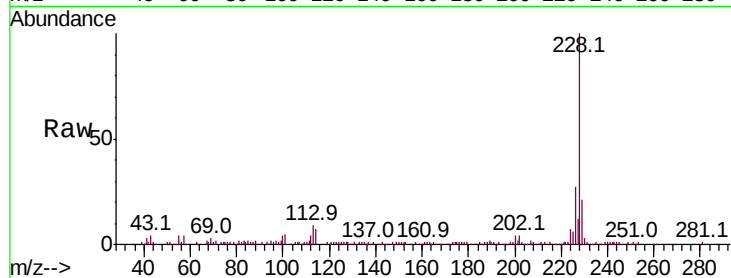
#83
Chrysene
Concen: 5.698 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Instrument :
BNA_F
ClientSampleId :
OR-02-042220

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	25.4	38.0
229	21.0	16.6	24.8

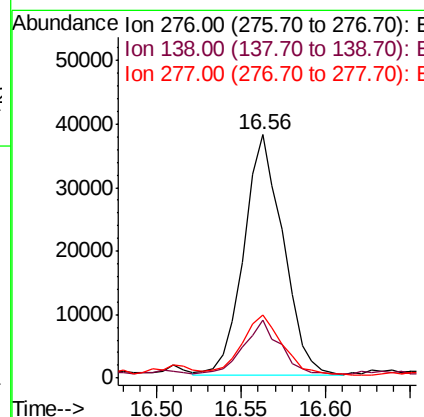
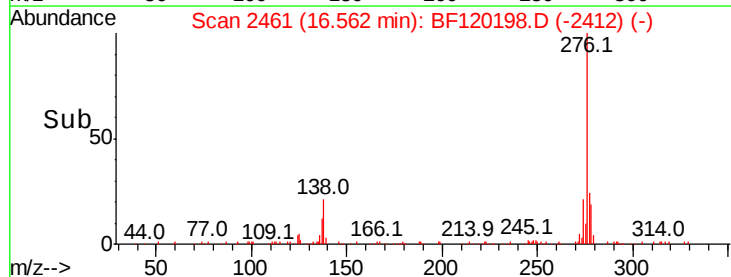
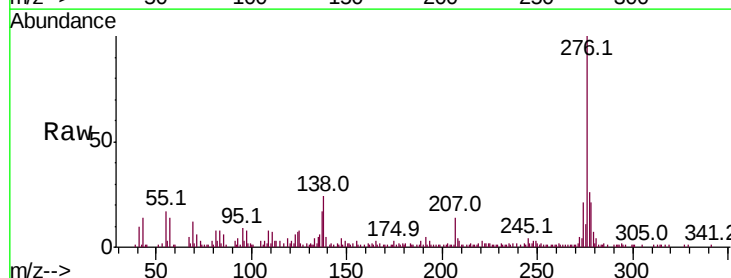
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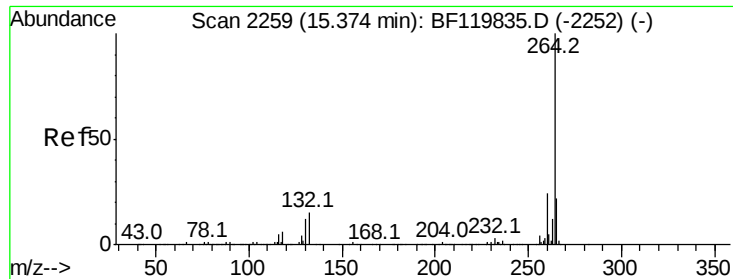
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#86
Indeno(1,2,3-cd)pyrene
Concen: 3.316 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF120198.D
Acq: 24 Apr 2020 13:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.6	29.4
277	26.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Instrument :

BNA_F

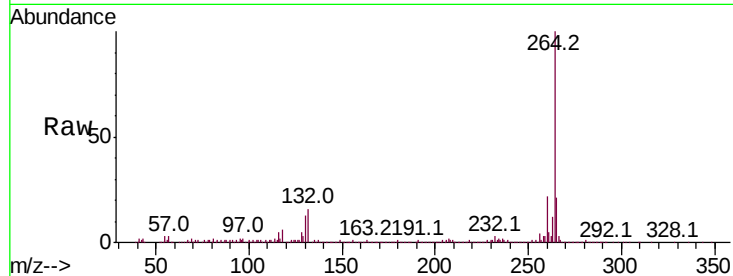
ClientSampleId :

OR-02-042220

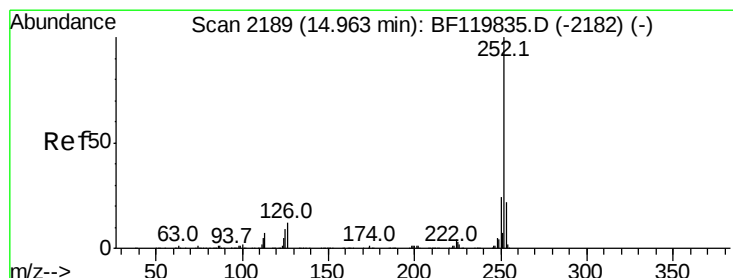
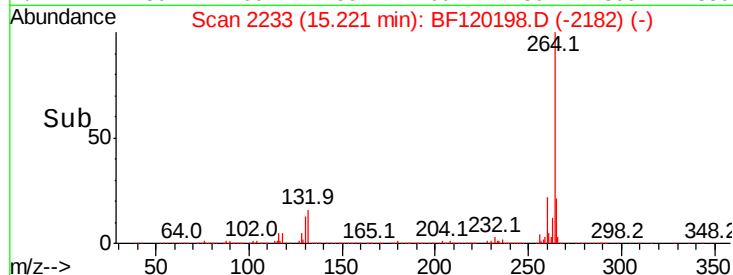
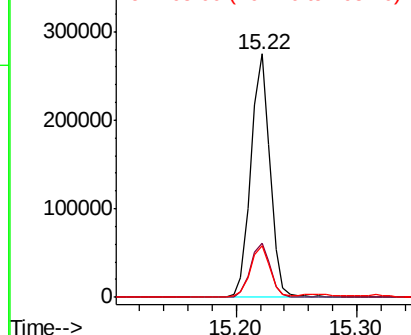
Tot Ion:	264	Resp:	306015
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.7	28.1
265	21.2	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 6.280 ng m

RT: 14.83 min Scan# 2166

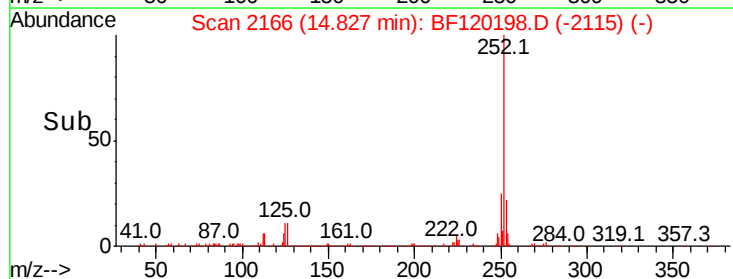
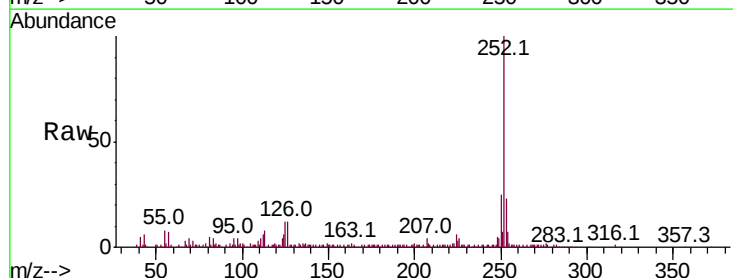
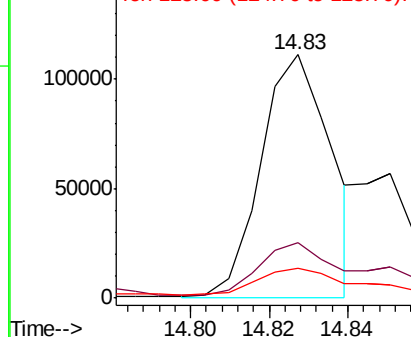
Delta R.T. 0.00 min

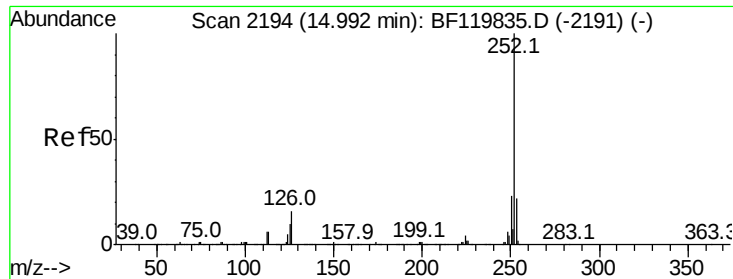
Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Tgt Ion:	252	Resp:	138243
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	12.2	7.9	11.9#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.857 ng

RT: 14.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Instrument :

BNA_F

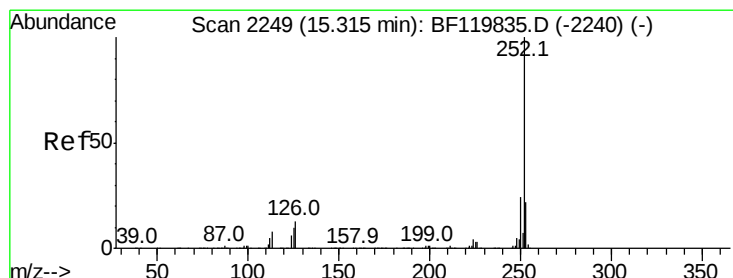
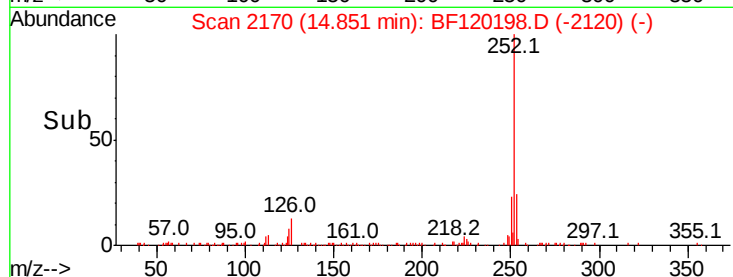
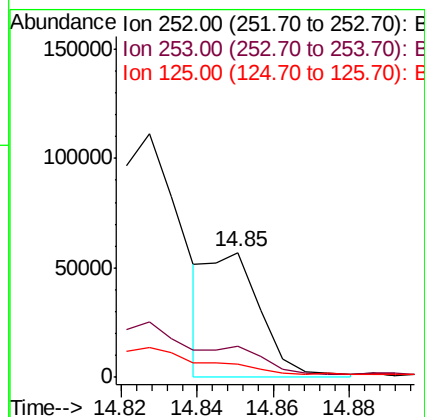
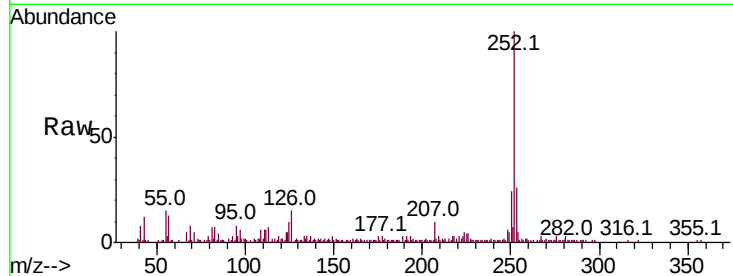
ClientSampleId :

OR-02-042220

Tot Ion:	252	Resp:	54258
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.8	26.6
125	10.2	8.4	12.6

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#90

Benzo(a)pyrene

Concen: 5.714 ng

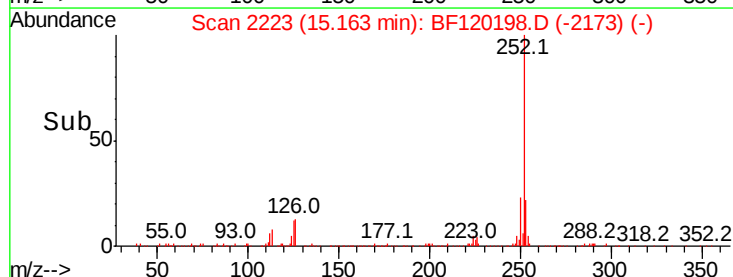
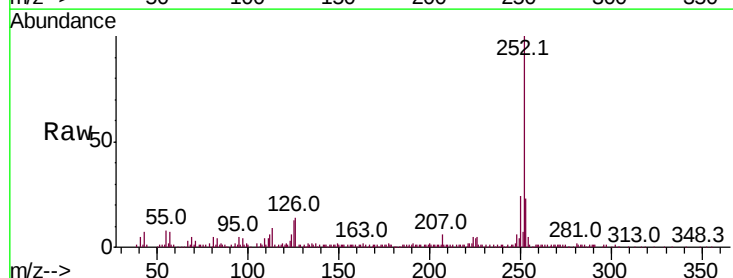
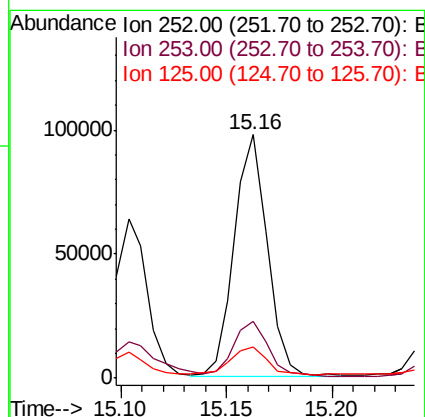
RT: 15.16 min Scan# 2223

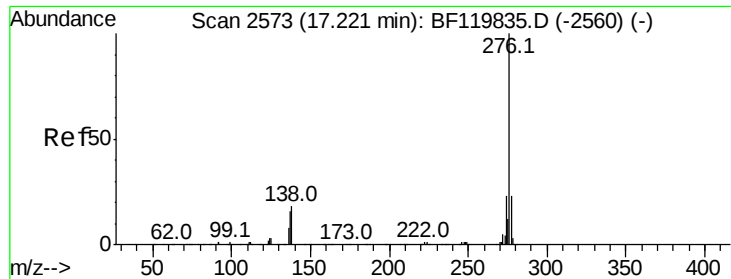
Delta R.T. -0.01 min

Lab File: BF120198.D

Acq: 24 Apr 2020 13:23

Tgt Ion:	252	Resp:	105771
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	13.0	9.4	14.2





#92
 Benzo(a,h,i)perylene
 Concen: 3.579 ng
 RT: 16.97 min Scan# 2530
 Delta R.T. -0.01 min
 Lab File: BF120198.D
 Acq: 24 Apr 2020 13:23

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-042220

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.4	27.6
138	22.4	15.4	23.0

Manual Integrations
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