

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118693.D
 Acq On : 24 Jan 2020 18:46
 Operator : CG/JU
 Sample : L1007-11 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-B

Manual Integrations
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mohammad
 1/28/2020 8:12:28 AM

Quant Time: Jan 27 01:57:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	293574	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	1094215	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	610458	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	1019069	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	643864	20.00	ng	-0.03
87) Perylene-d12	15.48	264	711047	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	657805	41.62	ng	-0.02
7) Phenol-d6	6.49	99	769047	37.43	ng	-0.02
23) Nitrobenzene-d5	7.42	82	462990	23.67	ng	-0.03
42) 2,4,6-Tribromophenol	10.68	330	236015	33.43	ng	-0.03
45) 2-Fluorobiphenyl	9.22	172	1003880	27.03	ng	-0.03
79) Terphenyl-d14	12.96	244	973771	32.99	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.61	163	174830	4.396	ng	97
71) Phenanthrene	11.40	178	162793	3.311	ng	92
75) Fluoranthene	12.59	202	318157	6.136	ng	93
78) Pyrene	12.82	202	318865	7.295	ng	# 91
81) Benzo(a)anthracene	14.00	228	172511	4.454	ng	100
83) Chrysene	14.04	228	146247	3.940	ng	94
86) Indeno(1,2,3-cd)pyrene	16.94	276	93668	2.904	ng	95
88) Benzo(b)fluoranthene	15.05	252	218229m	4.883	ng	
90) Benzo(a)pyrene	15.42	252	161795	4.196	ng	# 94
92) Benzo(g,h,i)perylene	17.38	276	83919	2.534	ng	94

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

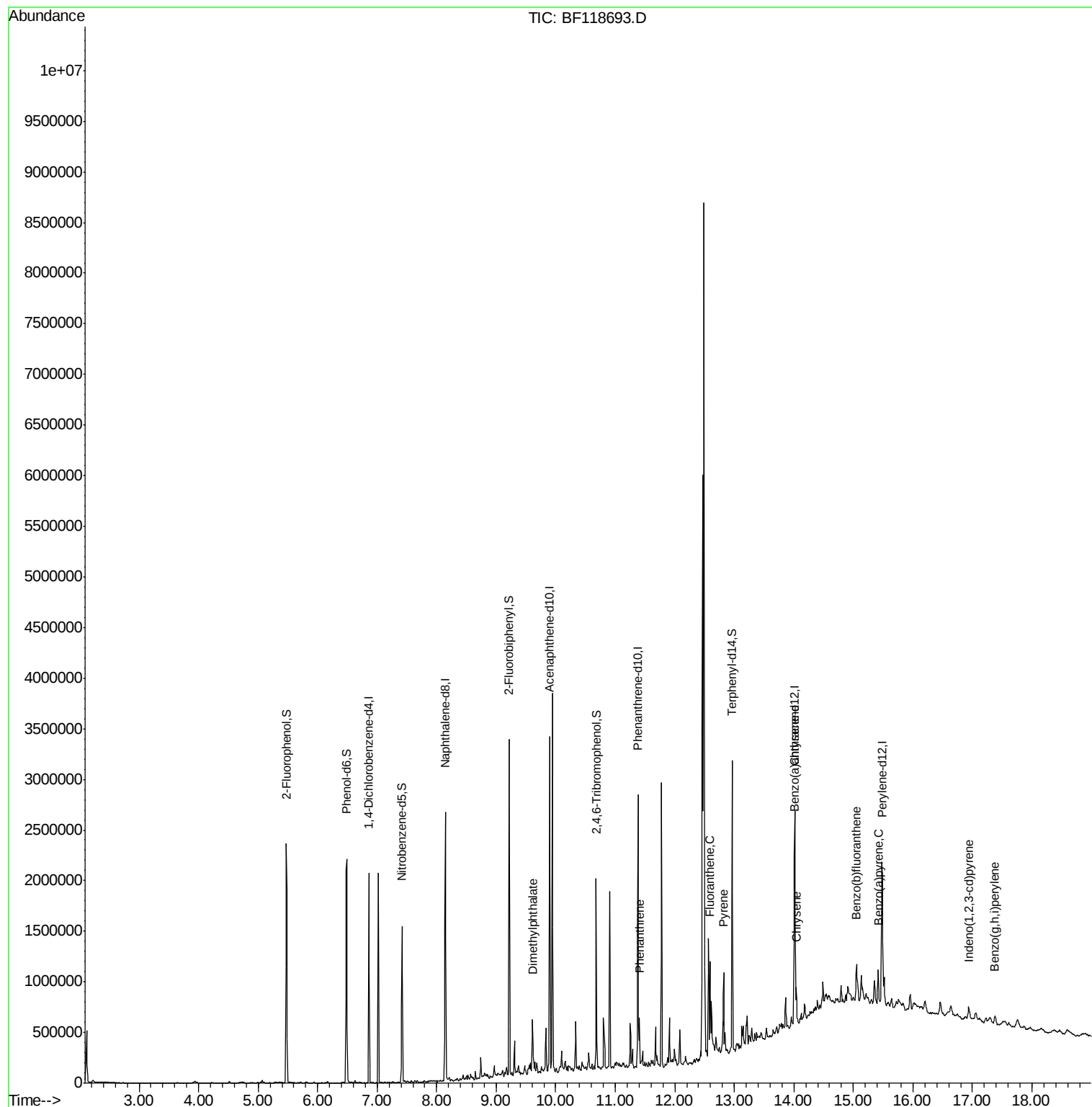
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
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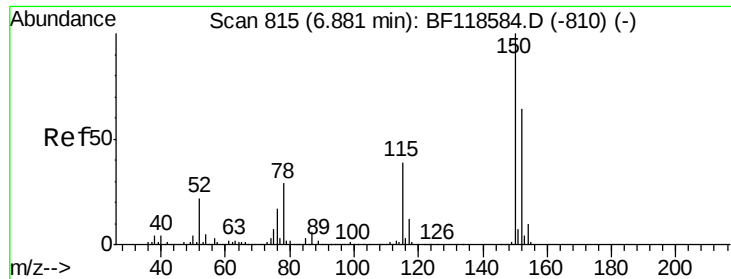
Instrument :
BNA_F
ClientSampleId :
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#1

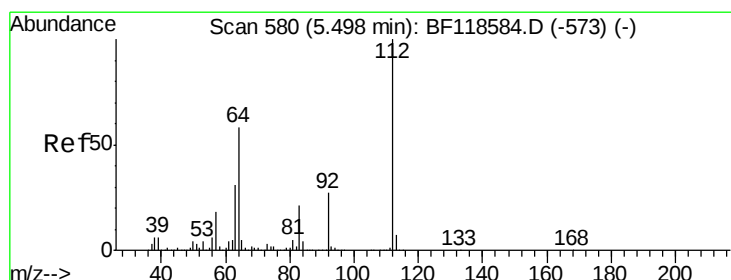
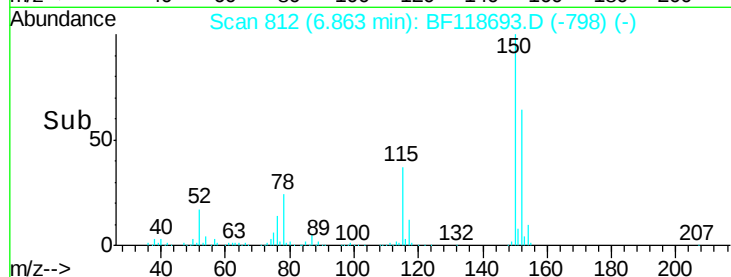
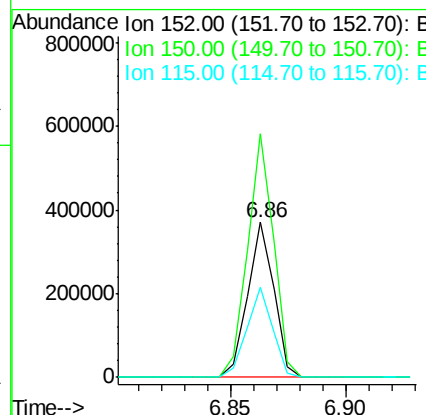
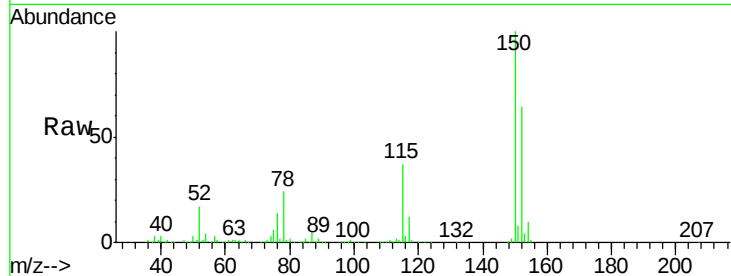
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.6	188.4
115	58.2	48.4	72.6

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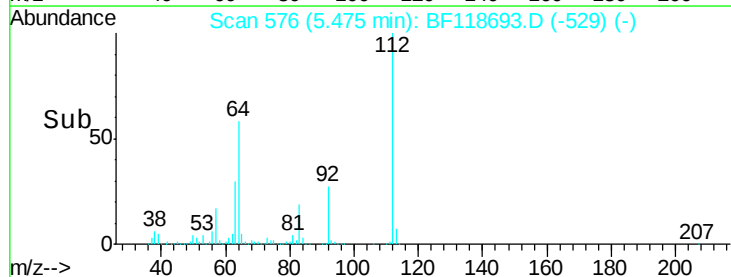
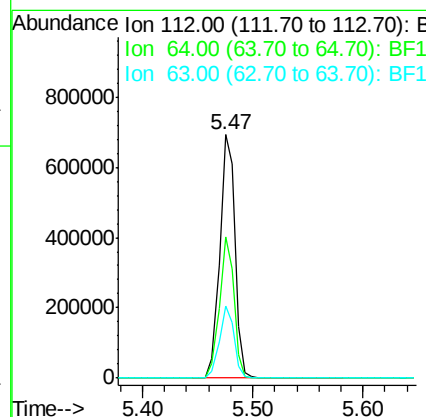
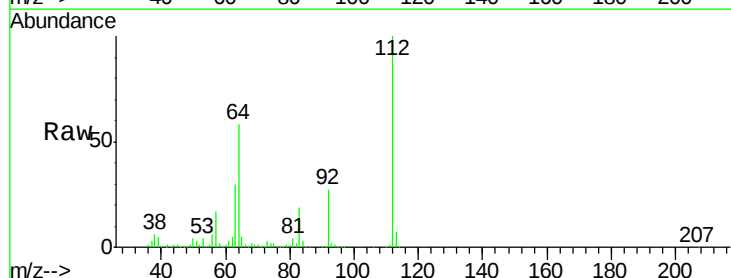
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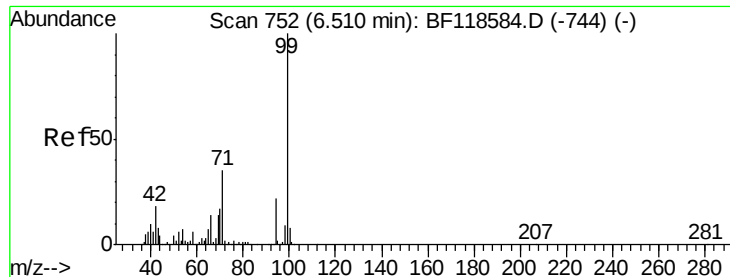


#5

2-Fluorophenol
Concen: 41.615 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	70.0
63	29.9	25.1	37.7





#7

Phenol-d6

Concen: 37.433 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118693.D

Acq: 24 Jan 2020 18:46

Instrument :

BNA_F

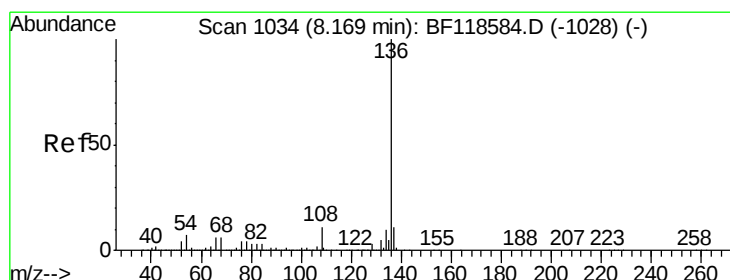
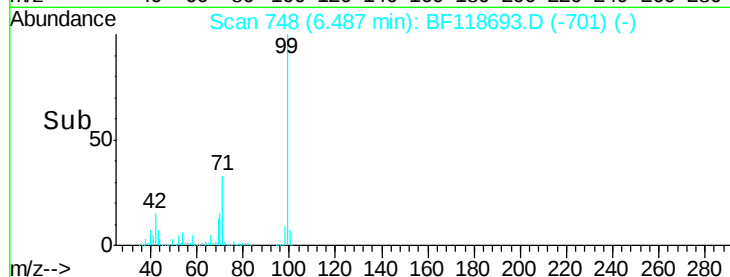
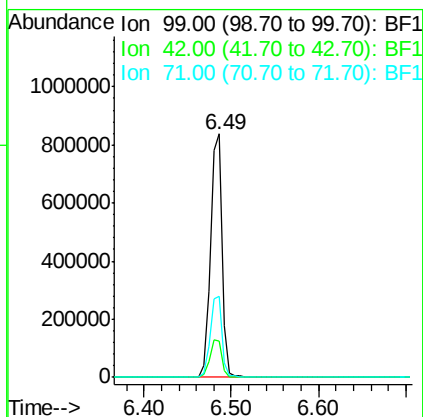
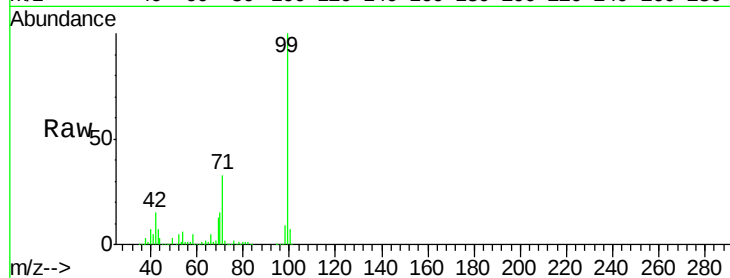
ClientSampleId :

JC-03-012320-B

Tot Ion:	99	Resp:	769047
Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.2	21.2
71	33.1	27.8	41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

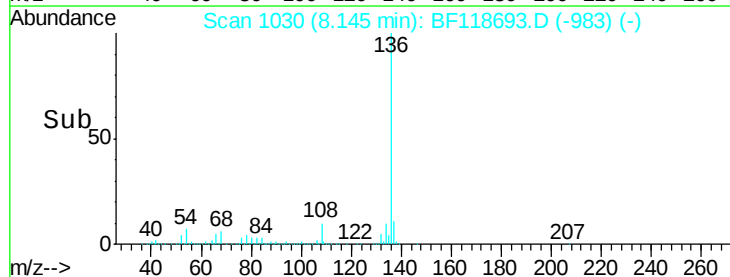
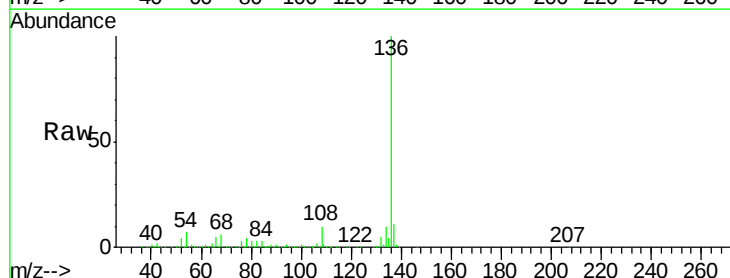
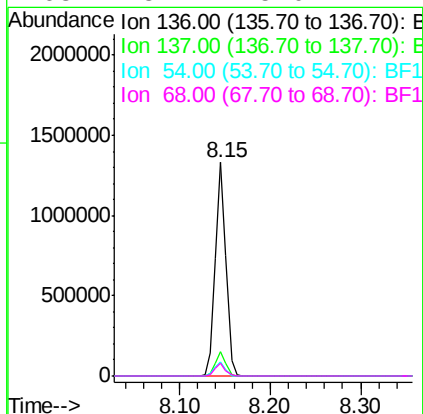
RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118693.D

Acq: 24 Jan 2020 18:46

Tgt Ion:	136	Resp:	1094215
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.8	5.8	8.6
68	5.7	5.0	7.4





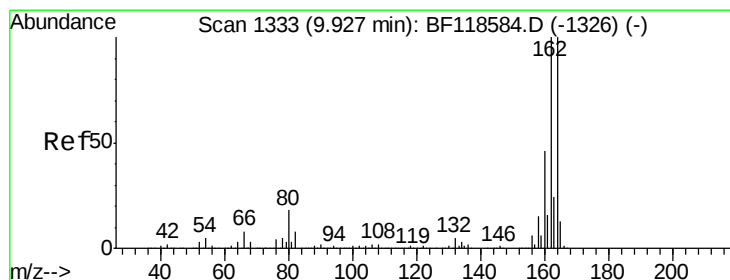
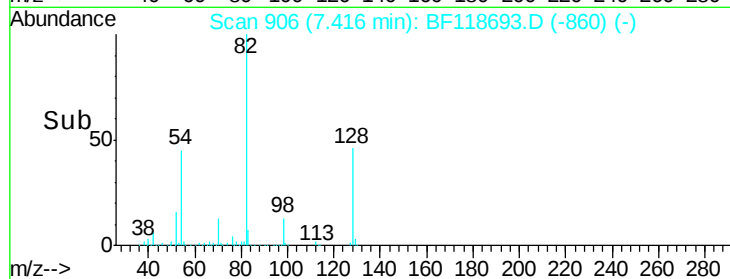
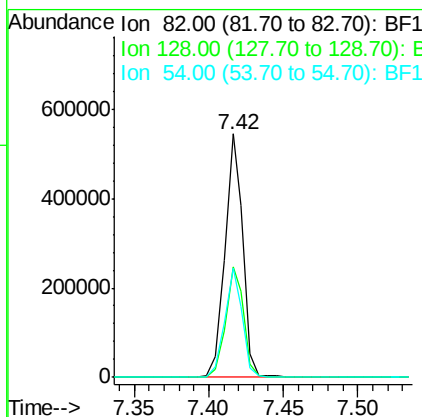
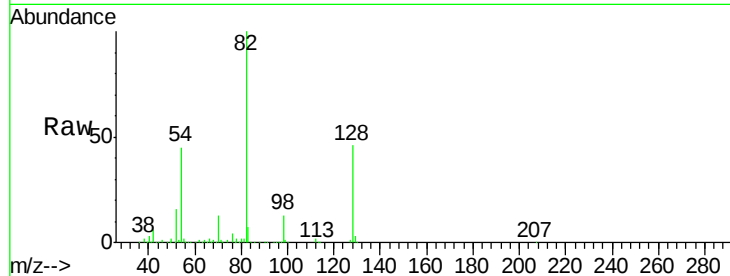
#23
Nitrobenzene-d5
Concen: 23.667 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.03 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampled :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.6	54.8
54	45.0	38.0	57.0

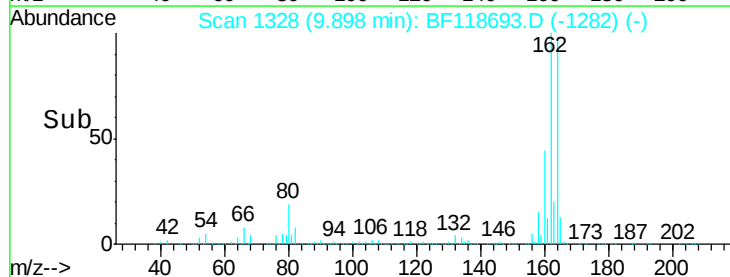
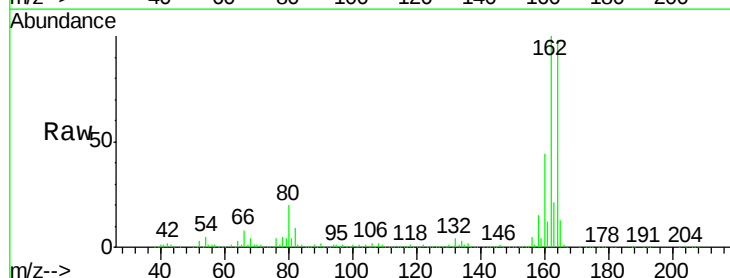
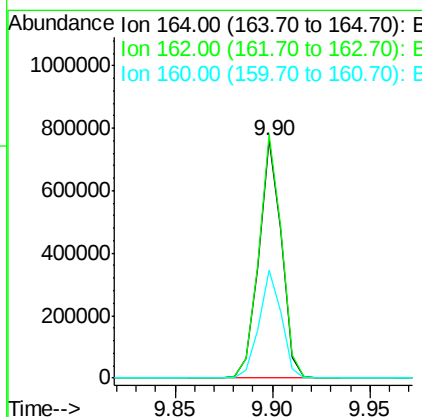
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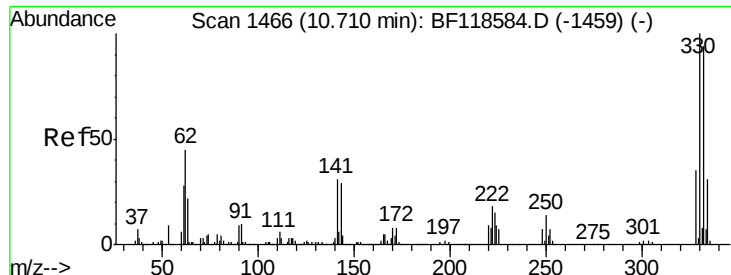
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.4	120.6
160	45.3	36.6	55.0





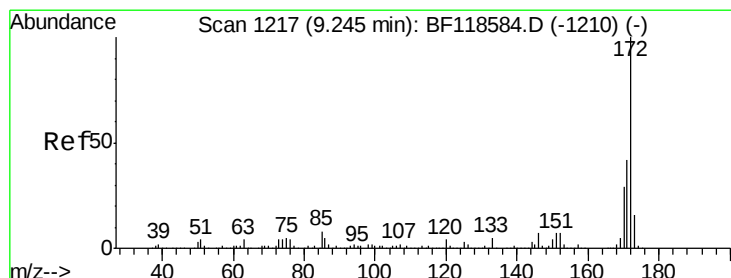
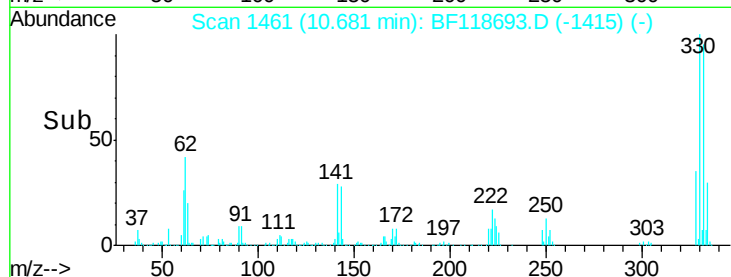
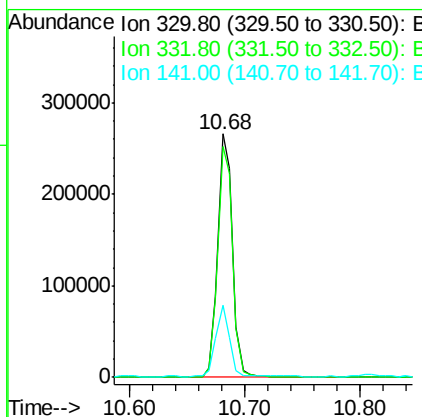
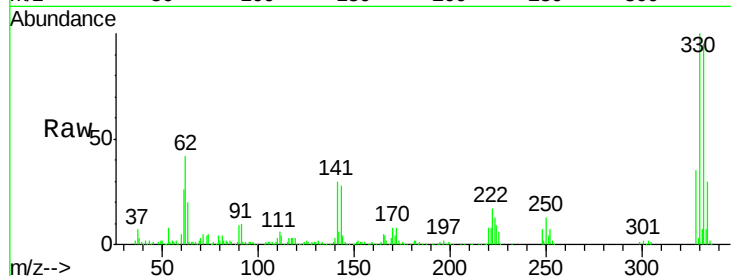
#42
 2,4,6-Tribromophenol
 Concen: 33.426 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.03 min
 Lab File: BF118693.D
 Acq: 24 Jan 2020 18:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	236015		
332	95.8	76.2	114.4	
141	26.9	23.9	35.9	

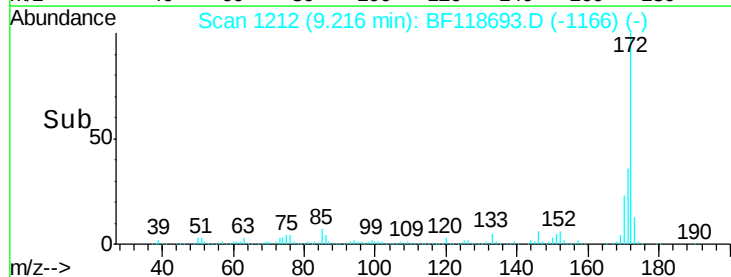
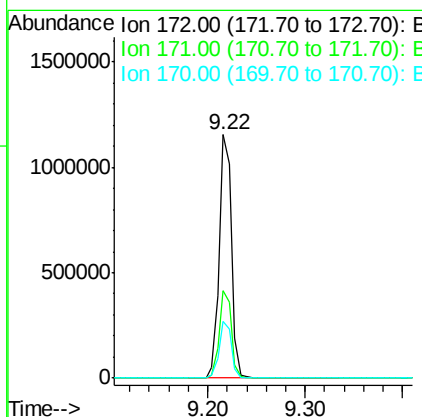
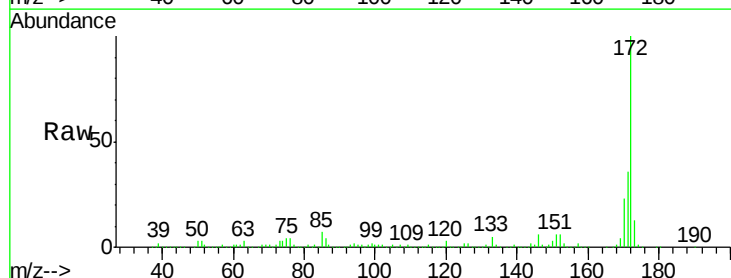
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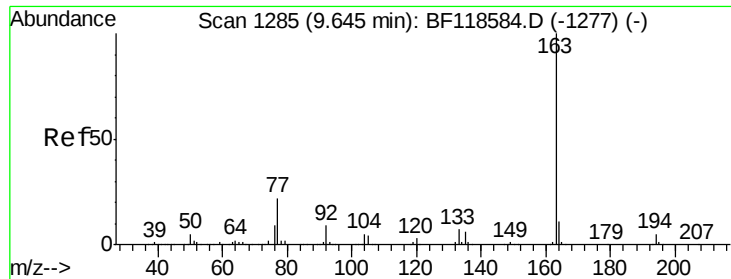
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#45
 2-Fluorobiphenyl
 Concen: 27.029 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF118693.D
 Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1003880		
171	35.9	33.4	50.2	
170	23.3	23.2	34.8	





#50

Dimethylphthalate

Concen: 4.396 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.04 min

Lab File: BF118693.D

Acq: 24 Jan 2020 18:46

Instrument :

BNA_F

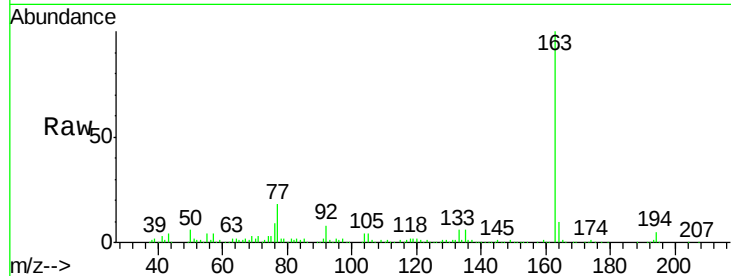
ClientSampleId :

JC-03-012320-B

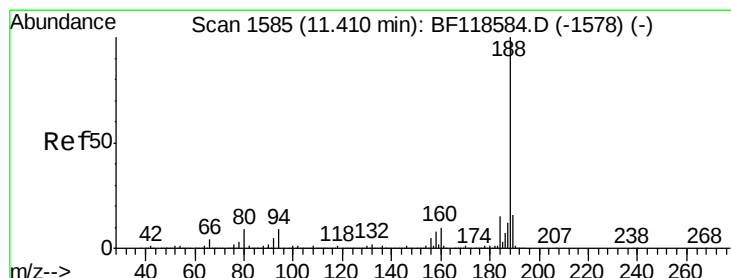
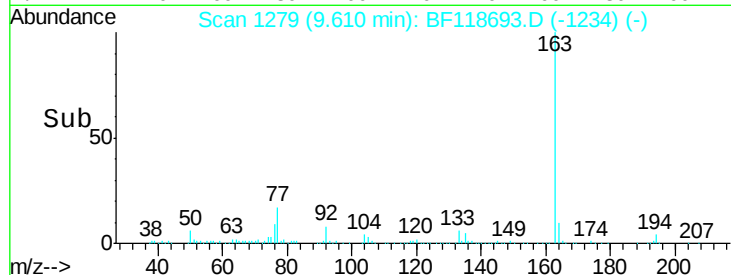
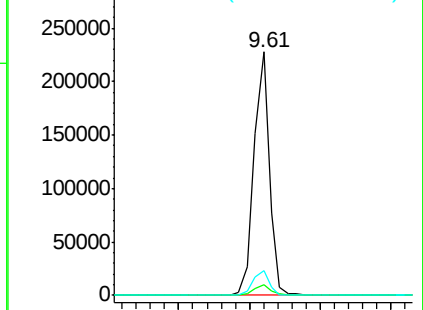
Tot Ion:	163	Resp:	174830
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.9	5.9
164	9.9	9.1	13.7

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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

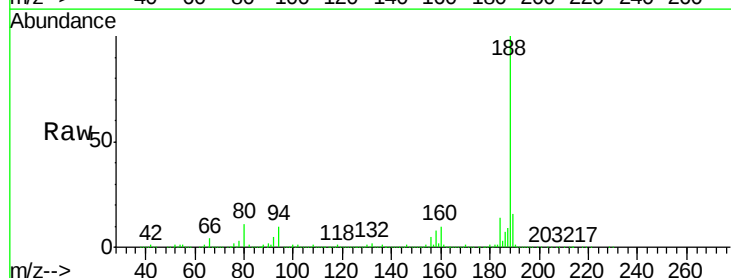
RT: 11.38 min Scan# 1580

Delta R.T. -0.03 min

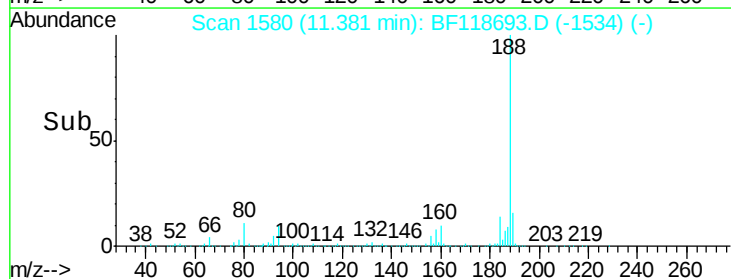
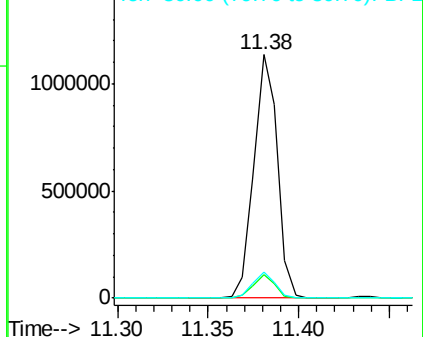
Lab File: BF118693.D

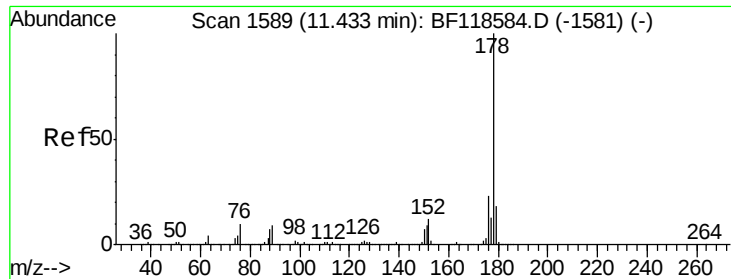
Acq: 24 Jan 2020 18:46

Tgt Ion:	188	Resp:	1019069
Ion Ratio	Lower	Upper	
188	100		
94	9.6	7.1	10.7
80	10.7	7.5	11.3



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





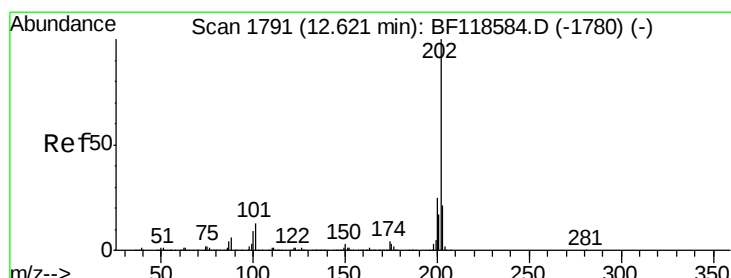
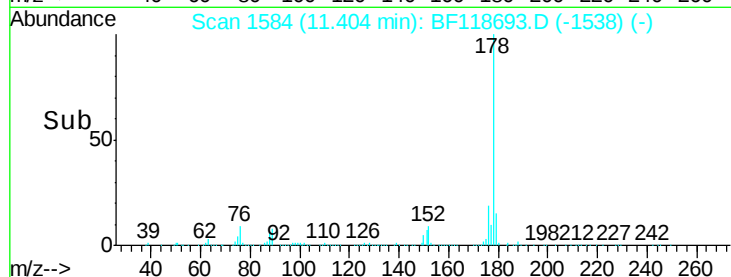
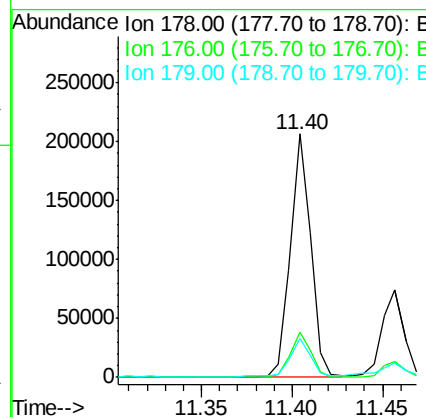
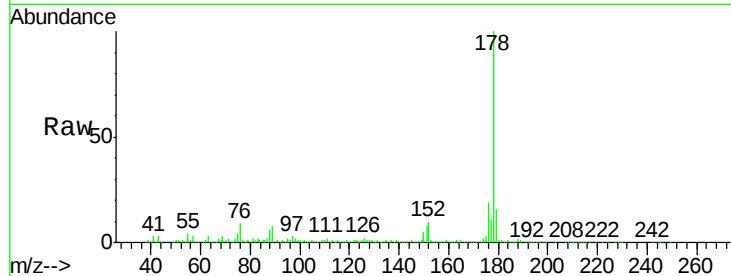
#71
Phenanthrene
Concen: 3.311 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.6	27.8
179	15.8	14.7	22.1

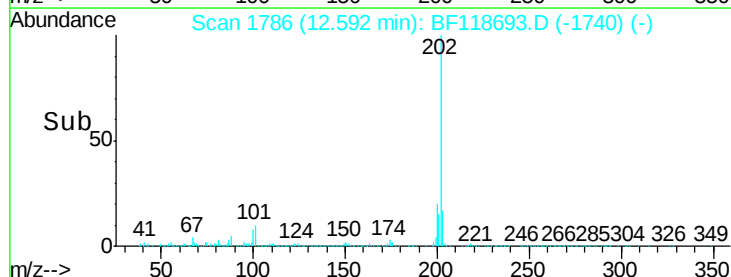
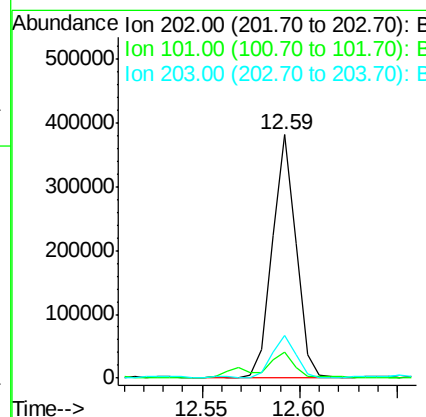
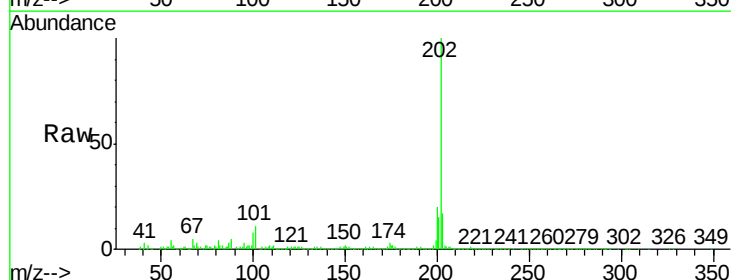
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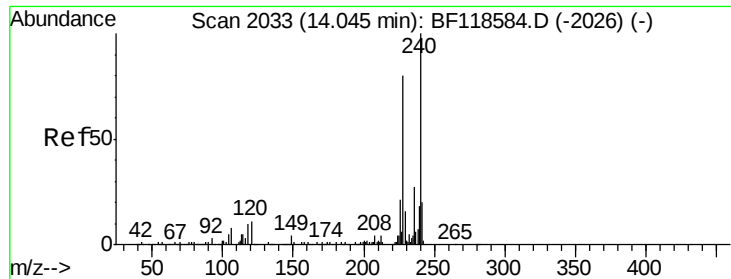
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#75
Fluoranthene
Concen: 6.136 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.03 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	32.5
203	17.3	0.8	40.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.03 min

Lab File: BF118693.D

Acq: 24 Jan 2020 18:46

Instrument :

BNA_F

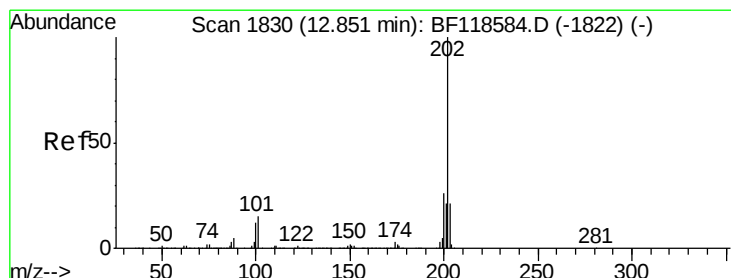
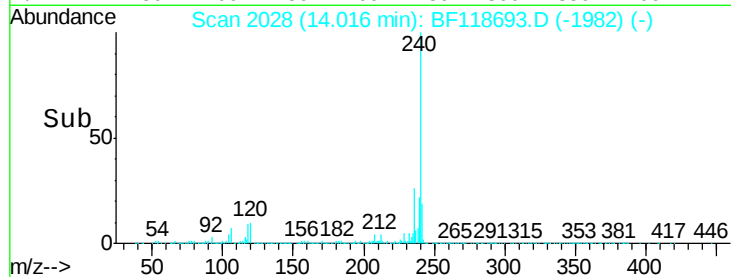
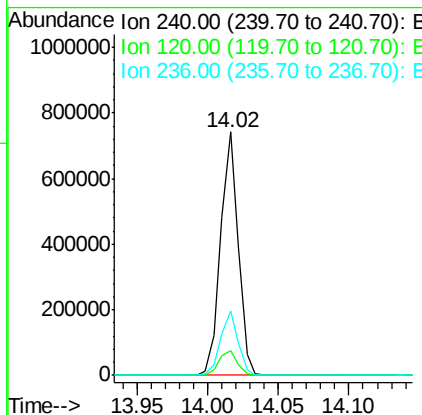
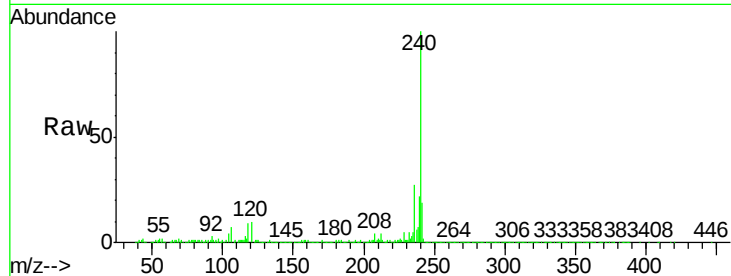
ClientSampleId :

JC-03-012320-B

Tot Ion:	240	Resp:	643864
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.9	13.3
236	26.6	21.5	32.3

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#78

Pyrene

Concen: 7.295 ng

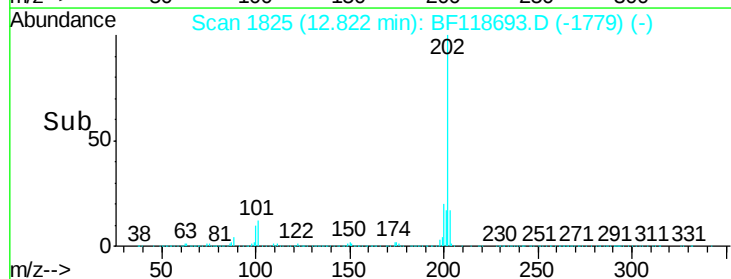
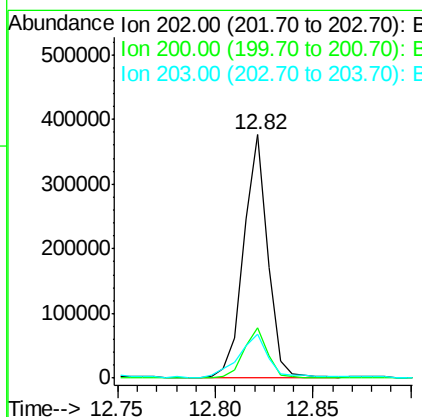
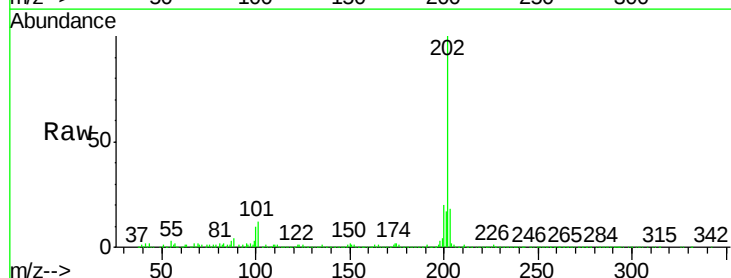
RT: 12.82 min Scan# 1825

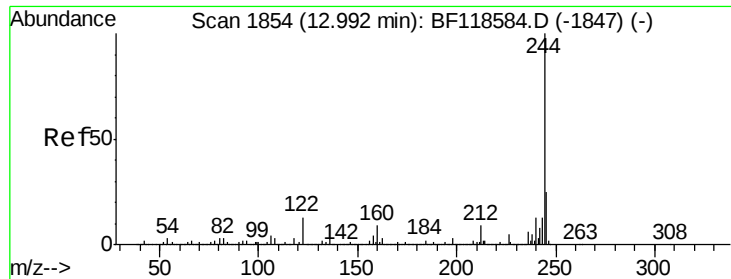
Delta R.T. -0.03 min

Lab File: BF118693.D

Acq: 24 Jan 2020 18:46

Tgt Ion:	202	Resp:	318865
Ion Ratio	Lower	Upper	
202	100		
200	20.5	20.6	31.0#
203	17.8	16.8	25.2





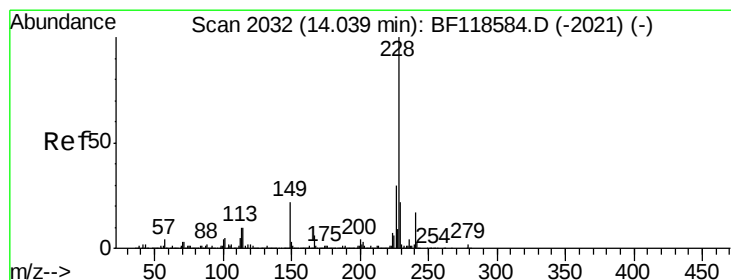
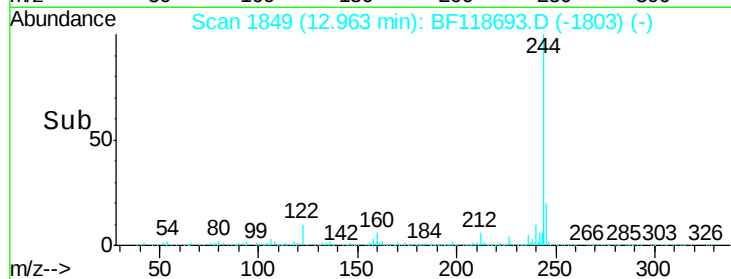
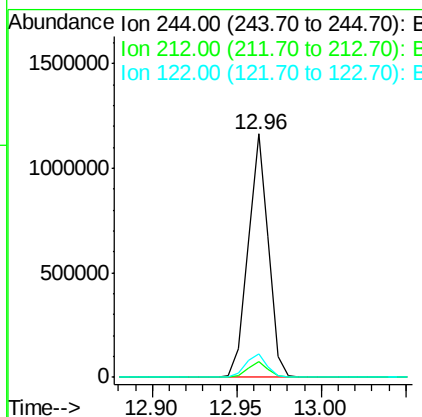
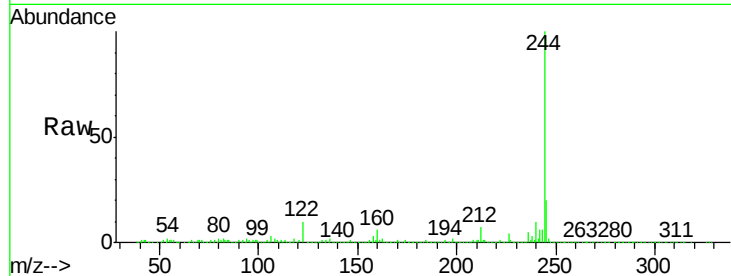
#79
 Terphenyl-d14
 Concen: 32.987 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.03 min
 Lab File: BF118693.D
 Acq: 24 Jan 2020 18:46

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	7.0	10.4#
122	9.8	10.7	16.1#

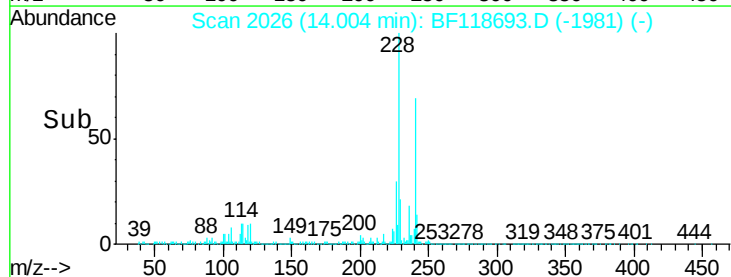
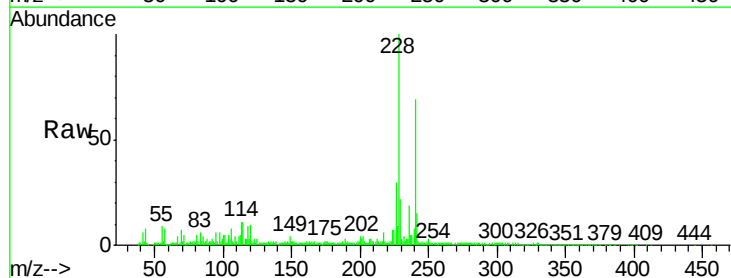
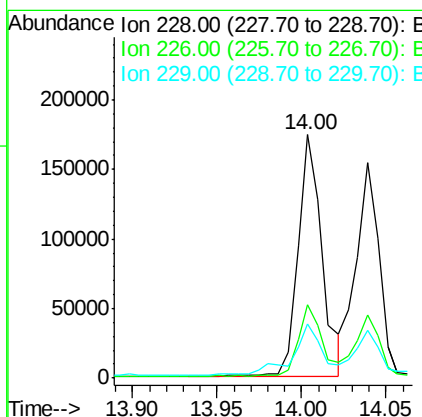
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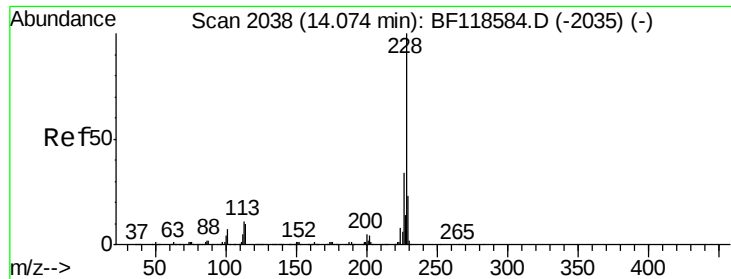
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.454 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.04 min
 Lab File: BF118693.D
 Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	22.1	17.6	26.4





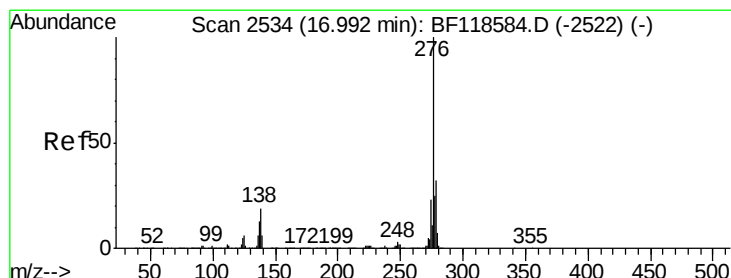
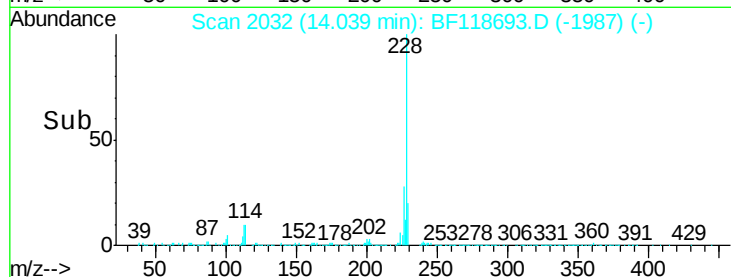
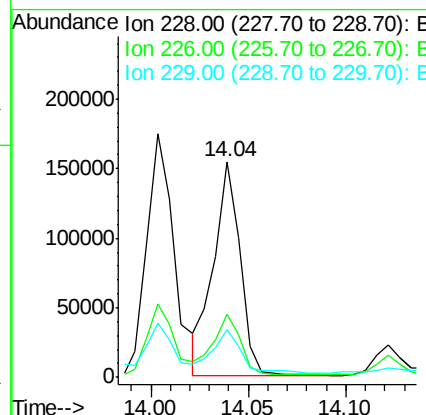
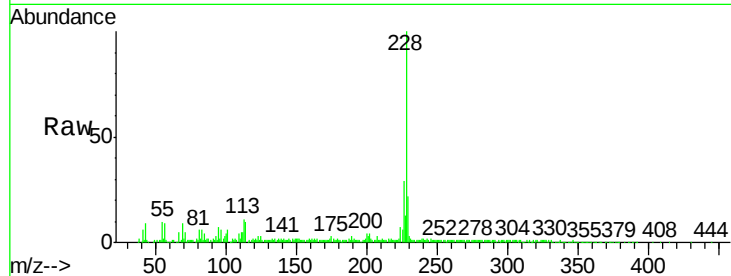
#83
Chrysene
Concen: 3.940 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	27.4	41.0
229	22.4	18.3	27.5

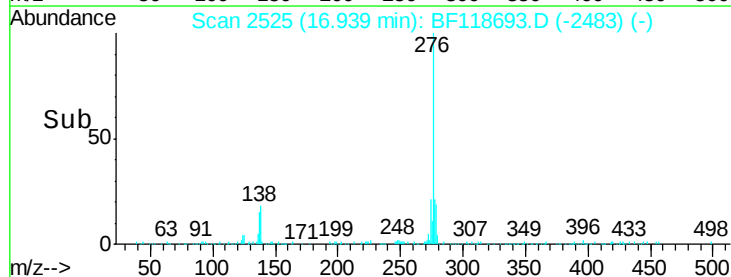
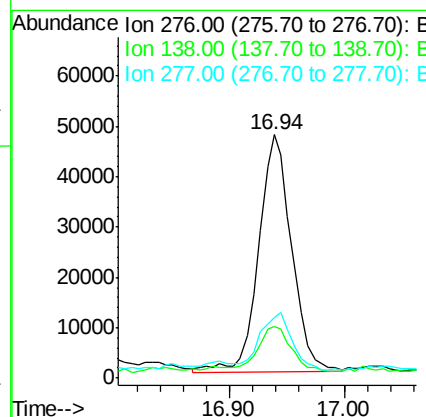
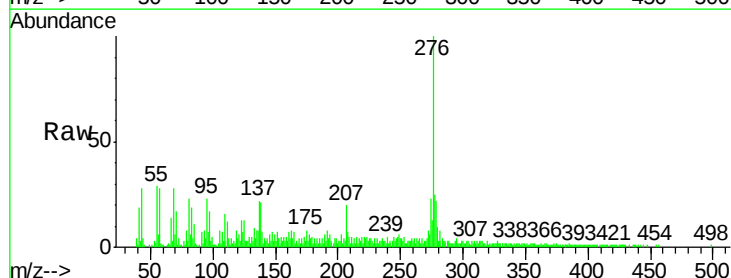
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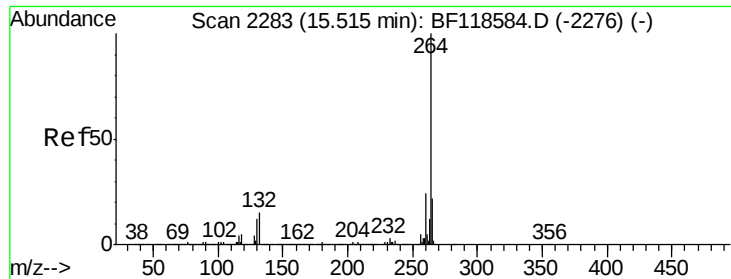
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.904 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.2	25.8
277	23.3	20.5	30.7





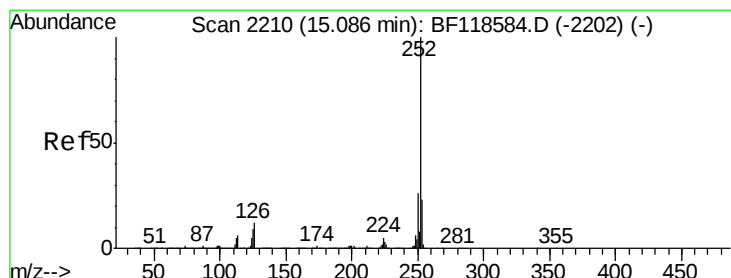
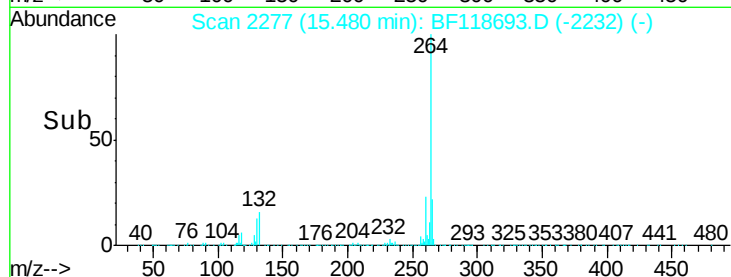
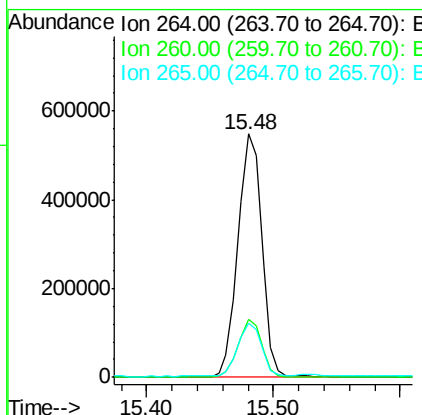
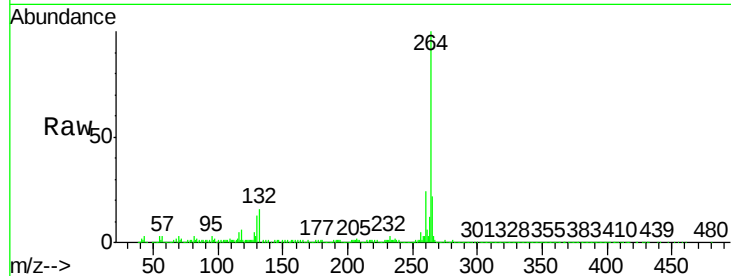
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.4	17.7	26.5

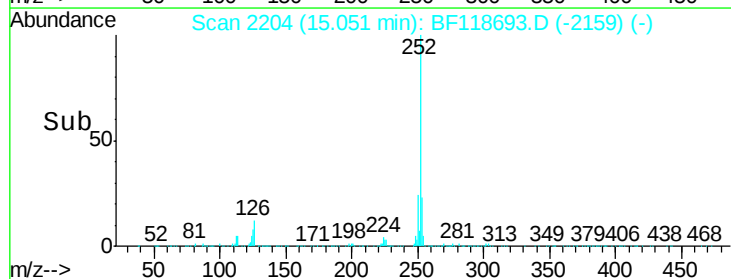
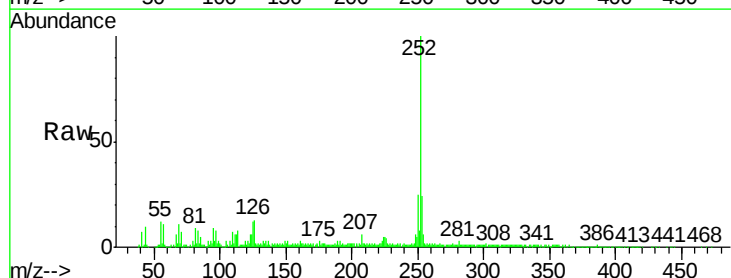
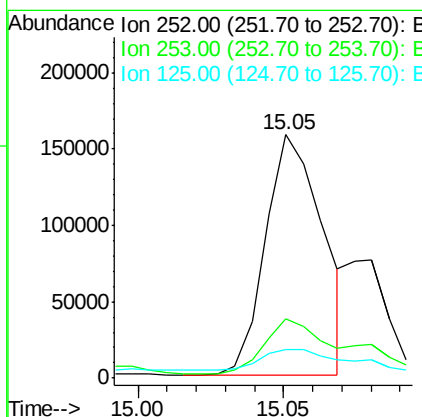
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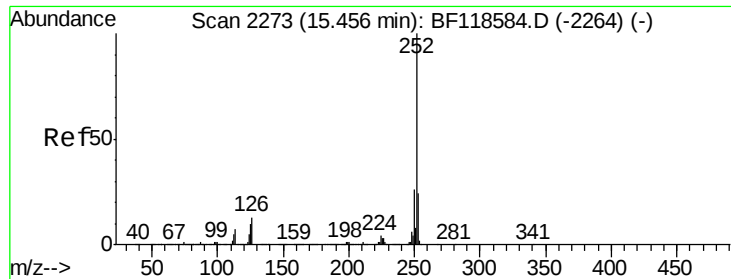
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#88
Benzo(b)fluoranthene
Concen: 4.883 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.04 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	12.0	7.3	10.9





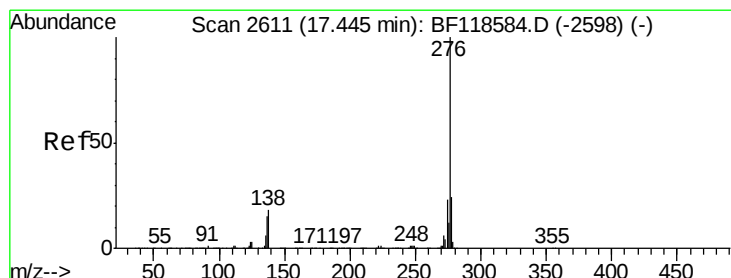
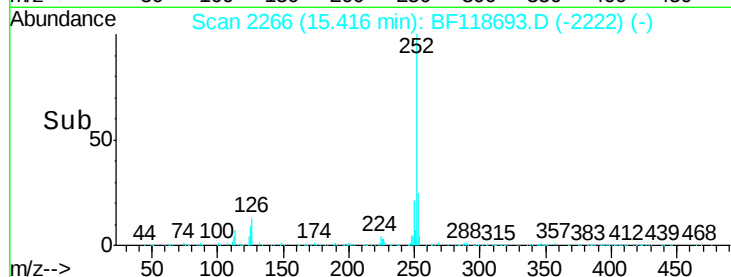
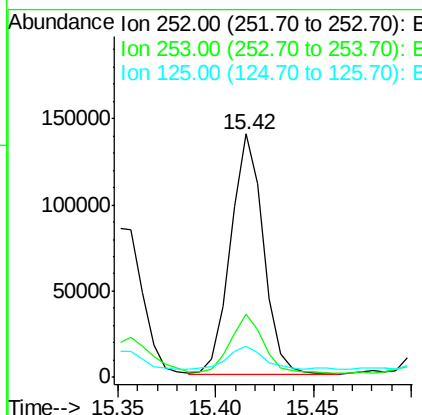
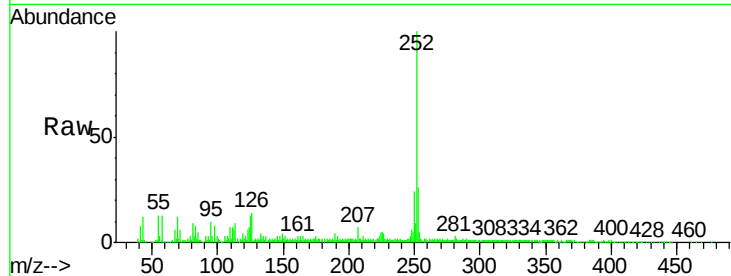
#90
Benzo(a)pyrene
Concen: 4.196 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.04 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.8	28.2
125	13.0	7.8	11.6

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#92
Benzo(g,h,i)perylene
Concen: 2.534 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.06 min
Lab File: BF118693.D
Acq: 24 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.9	28.3
138	20.5	14.4	21.6

