

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118761.D
 Acq On : 30 Jan 2020 19:47
 Operator : CG/JU
 Sample : L1313-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-36

Manual Integrations
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Quant Time: Jan 30 22:50:18 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	268112	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1022413	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	582587	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1122824	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	900051	20.00	ng	-0.02
87) Perylene-d12	15.46	264	868232	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1362528	94.38	ng	-0.02
7) Phenol-d6	6.46	99	1699428	90.57	ng	-0.03
23) Nitrobenzene-d5	7.40	82	1095429	59.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	652852	96.89	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2061639	58.16	ng	-0.02
79) Terphenyl-d14	12.95	244	2572290	62.33	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.59	163	131770	3.472	ng	99
71) Phenanthrene	11.39	178	262346	4.843	ng	96
75) Fluoranthene	12.57	202	515813	9.028	ng	97
78) Pyrene	12.80	202	430320	7.042	ng	97
81) Benzo(a)anthracene	13.99	228	194792	3.598	ng	99
83) Chrysene	14.02	228	201155	3.877	ng	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	102280	2.268	ng	97
88) Benzo(b)fluoranthene	15.03	252	238983m	4.379	ng	
90) Benzo(a)pyrene	15.39	252	150070	3.188	ng	98
92) Benzo(g,h,i)perylene	17.34	276	96765	2.393	ng	97

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

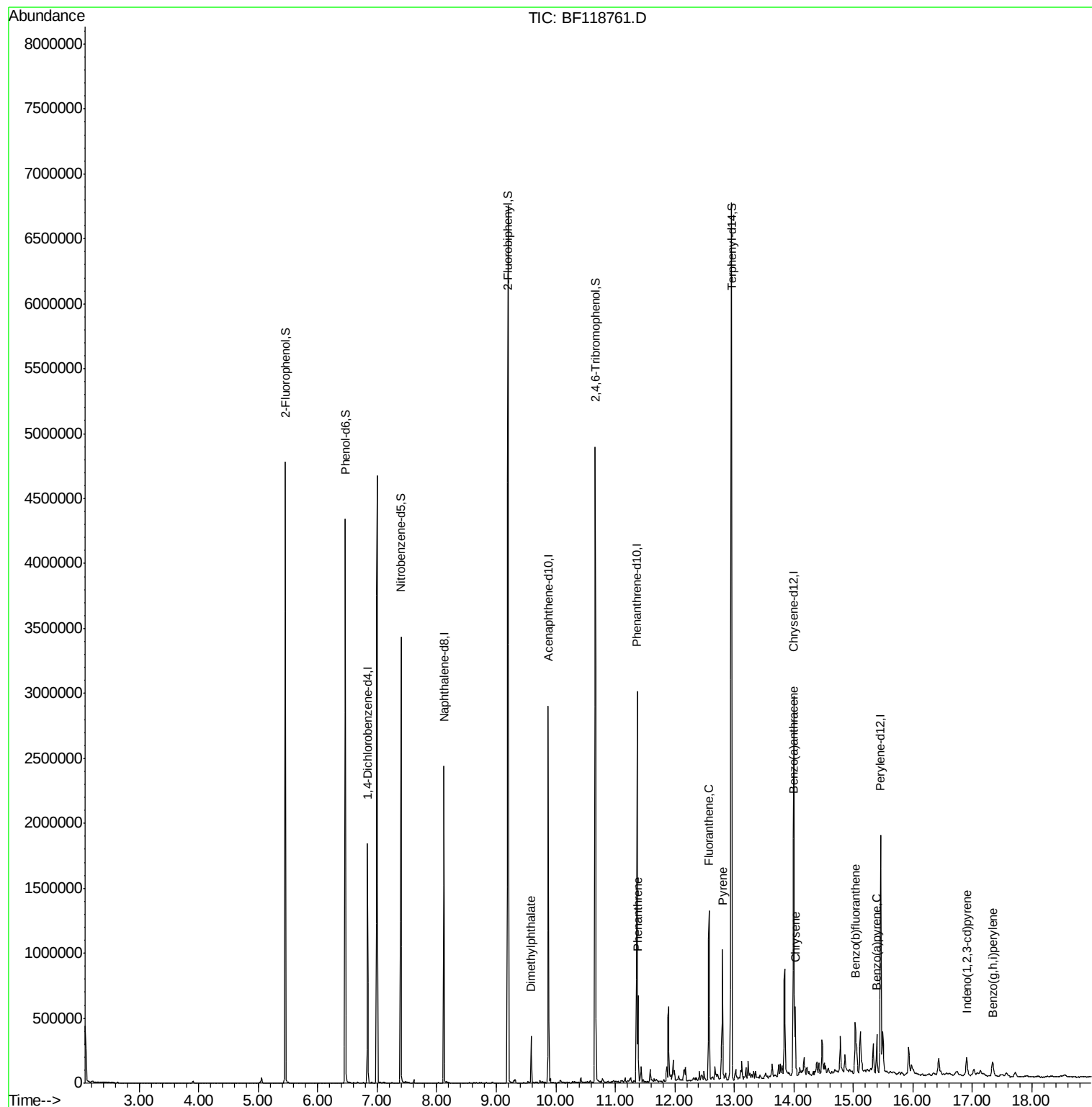
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Data File : BF118761.D
Acq On : 30 Jan 2020 19:47
Operator : CG/JU
Sample : L1313-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

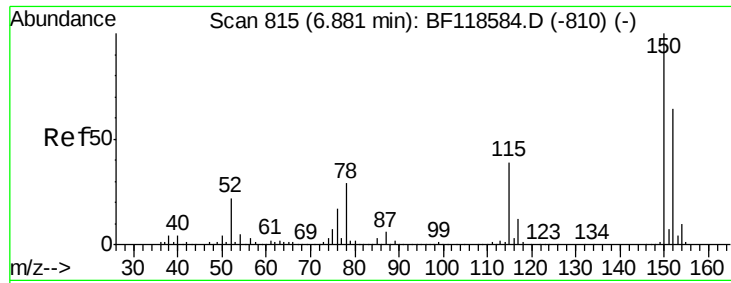
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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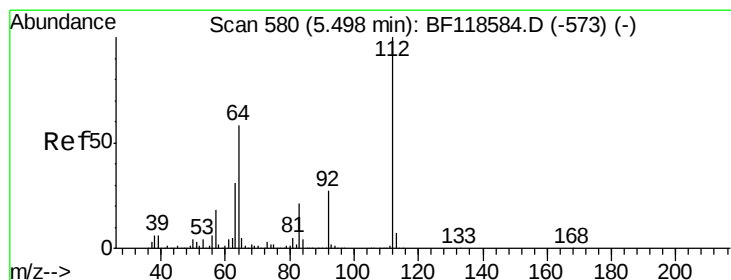
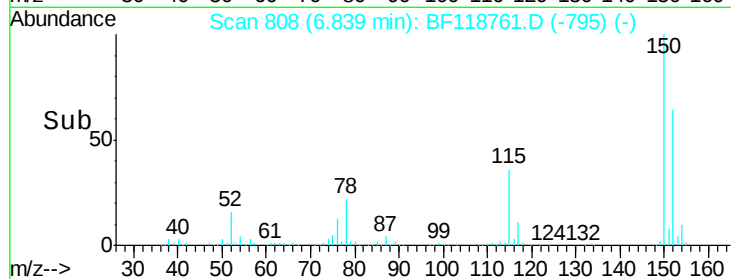
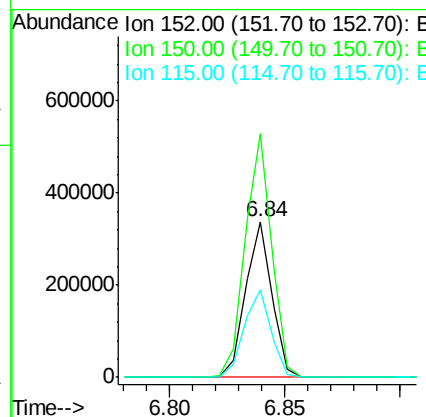
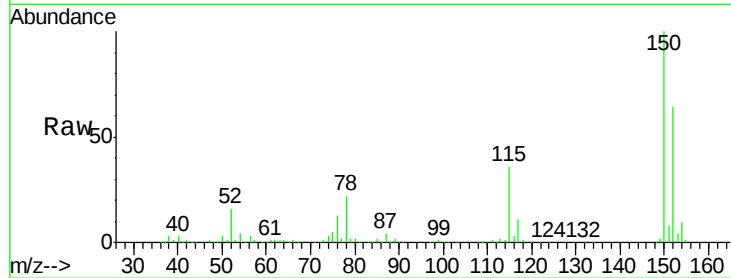
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 RBR-36

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	56.1	45.1	67.7

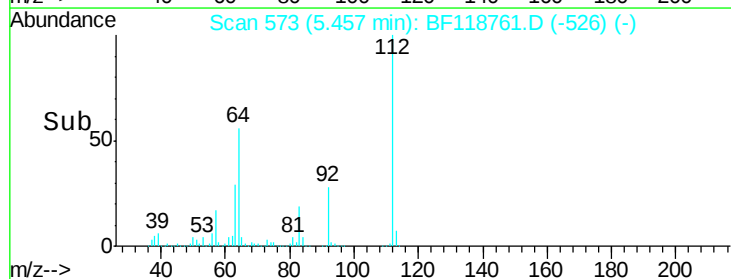
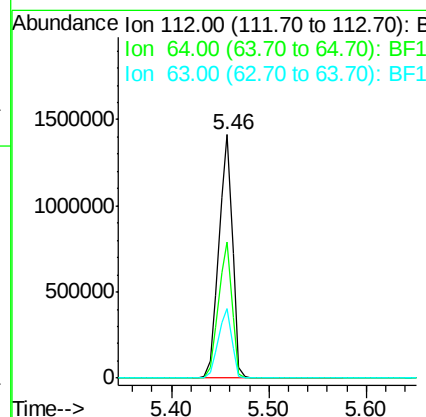
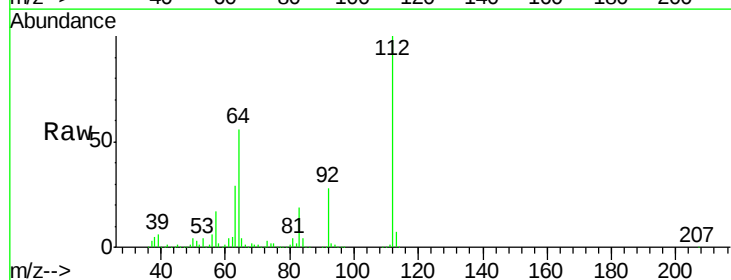
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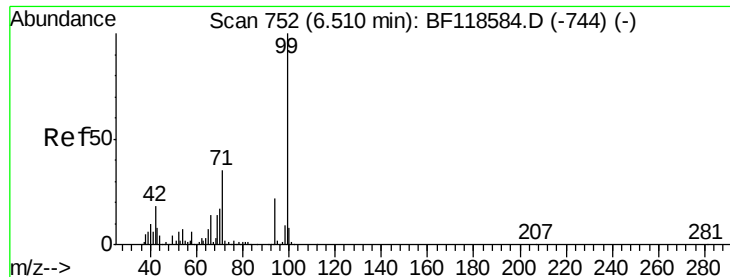
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#5
 2-Fluorophenol
 Concen: 94.384 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.4	63.6
63	28.7	21.7	32.5





#7

Phenol-d6

Concen: 90.573 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF118761.D

Acq: 30 Jan 2020 19:47

Instrument :

BNA_F

ClientSampleId :

RBR-36

Tot Ion: 99 Resp: 1699428

Ion Ratio Lower Upper

99 100

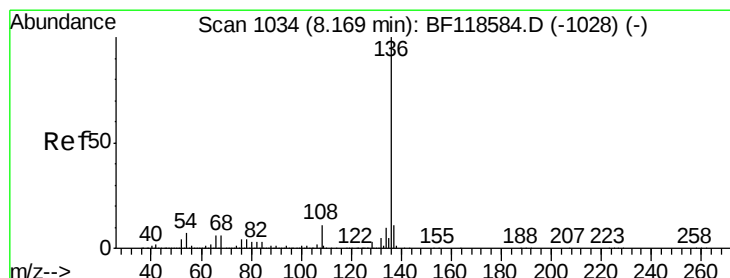
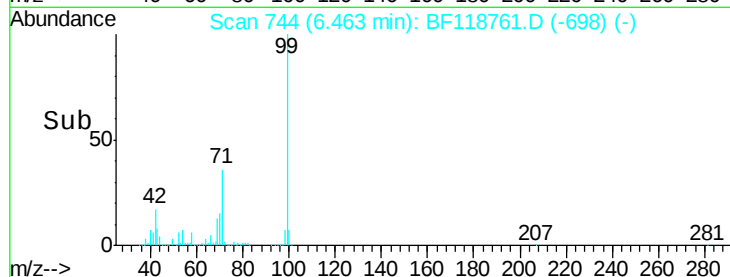
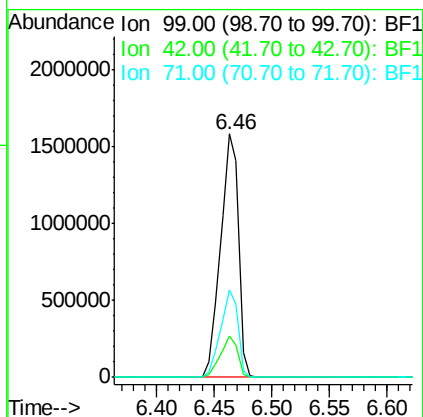
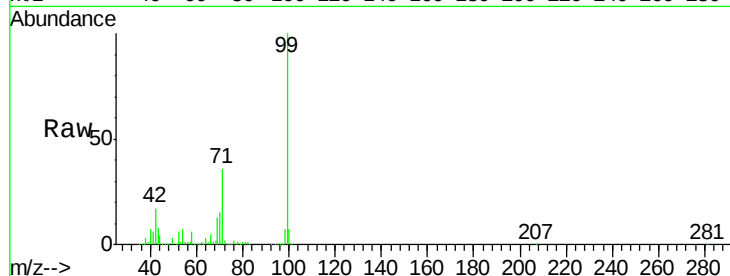
42 16.9 13.1 19.7

71 35.9 28.4 42.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118761.D

Acq: 30 Jan 2020 19:47

Tgt Ion: 136 Resp: 1022413

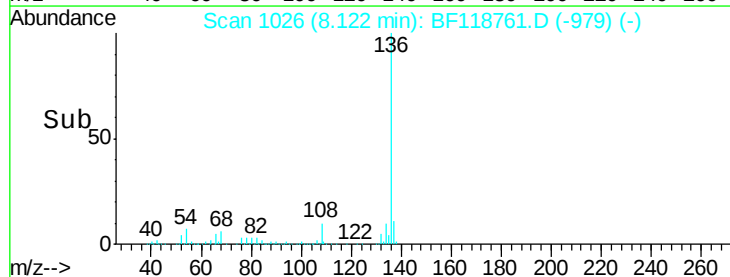
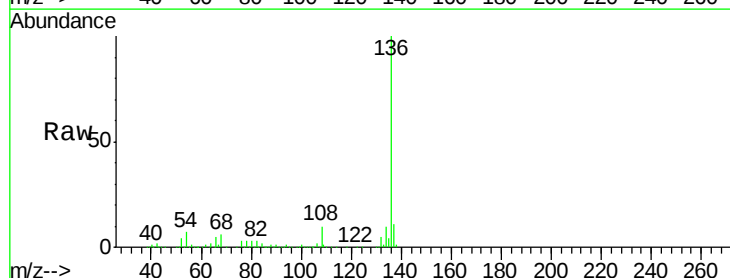
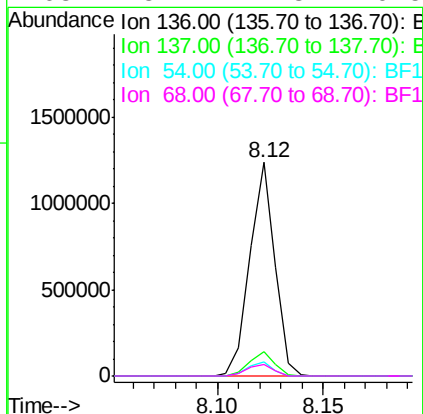
Ion Ratio Lower Upper

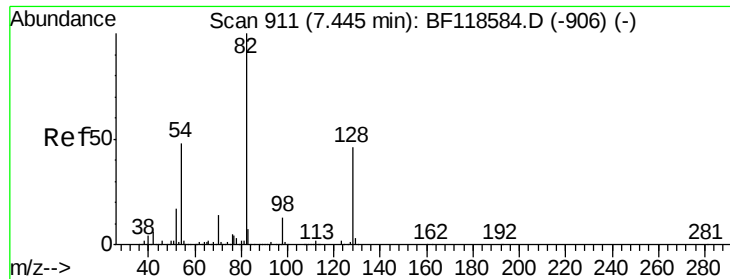
136 100

137 11.2 8.9 13.3

54 6.6 5.1 7.7

68 5.7 4.3 6.5





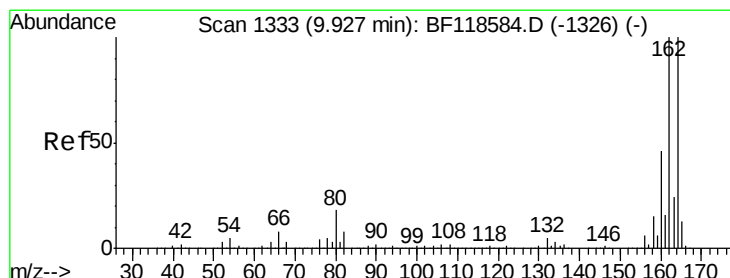
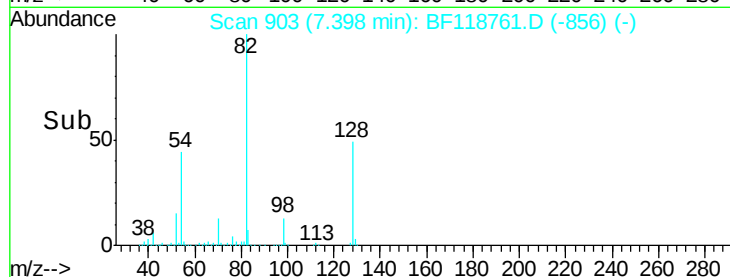
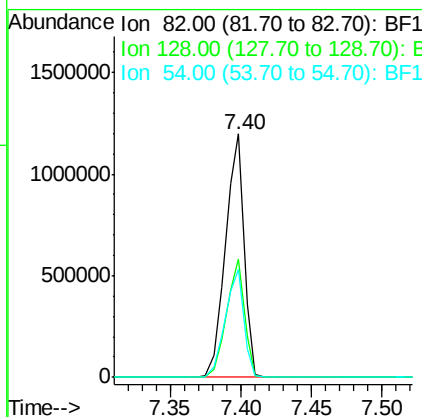
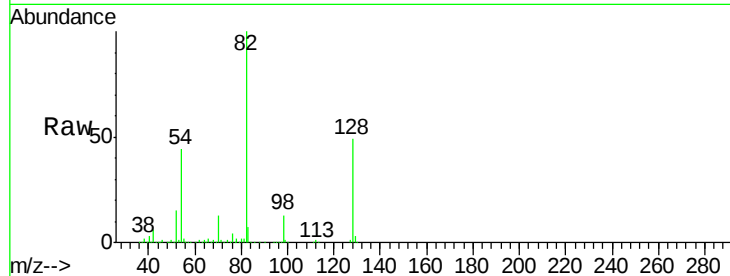
#23
 Nitrobenzene-d5
 Concen: 59.929 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 RBR-36

Tot Ion	82	Resp	1095429
Ion	Ratio	Lower	Upper
82	100		
128	48.8	38.2	57.2
54	44.1	36.1	54.1

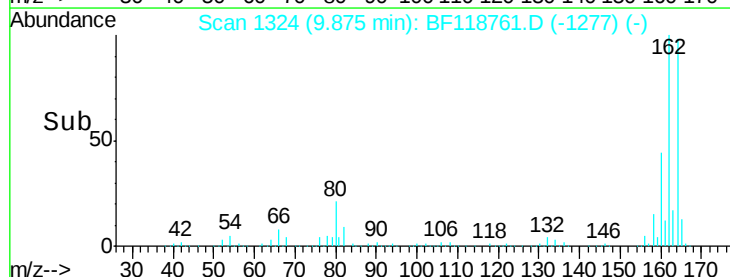
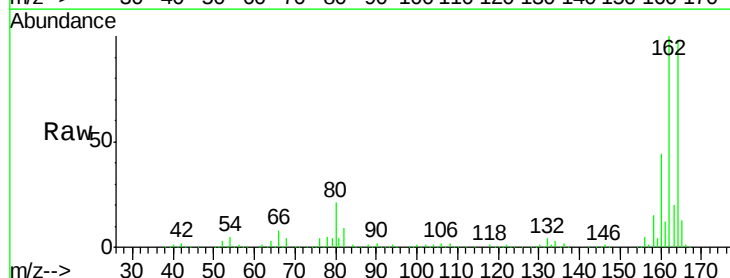
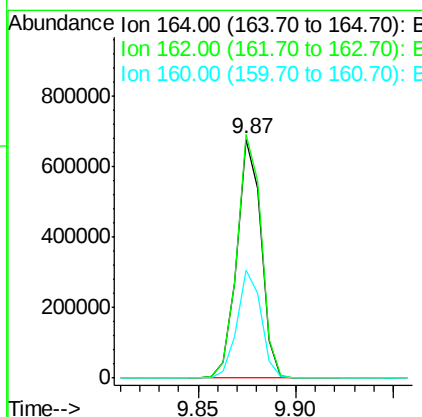
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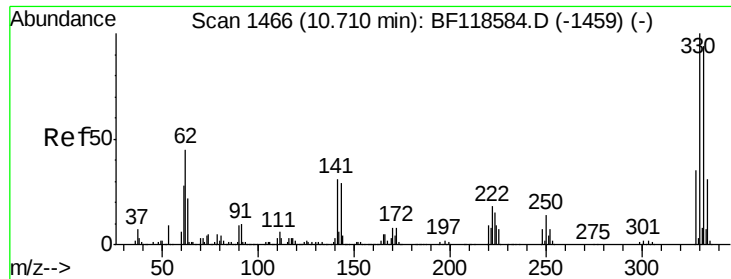
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Tgt Ion	164	Resp	582587
Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.8	121.2
160	44.9	35.4	53.0





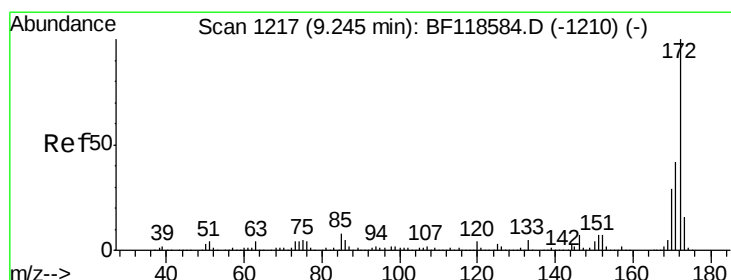
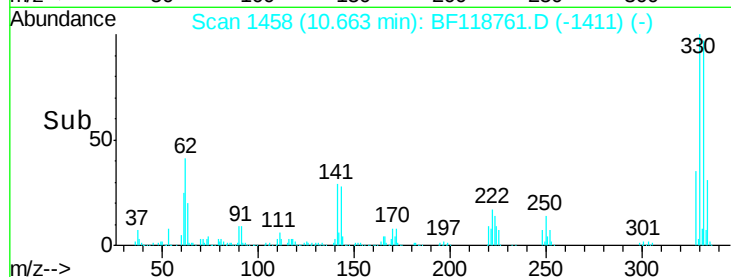
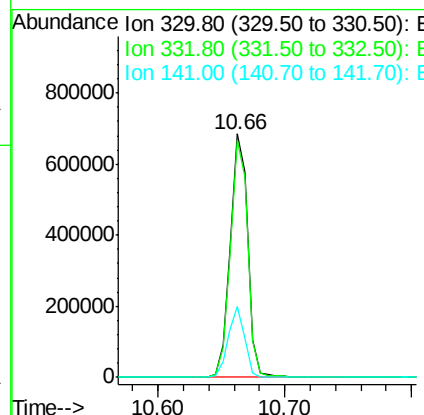
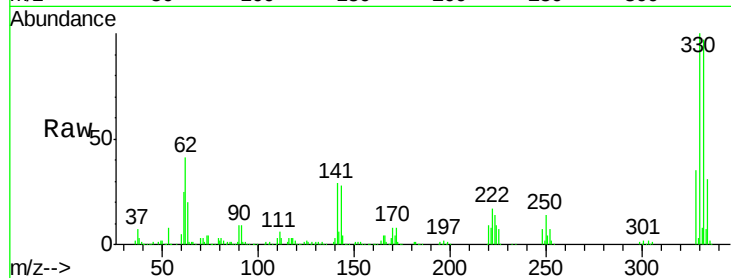
#42
 2,4,6-Tribromophenol
 Concen: 96.886 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Instrument :
 BNA_F
 ClientSampled :
 RBR-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	27.6	22.2	33.2

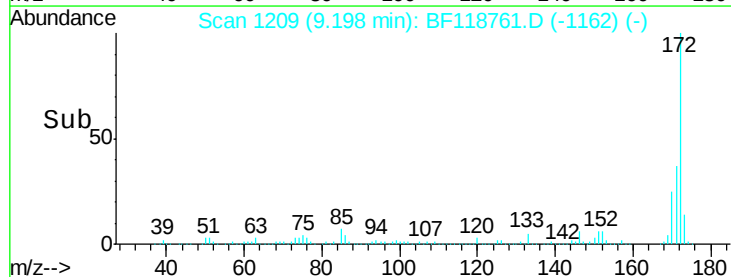
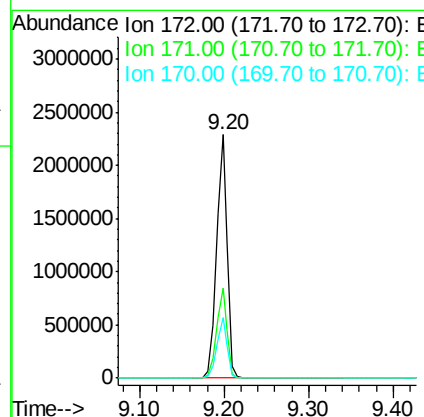
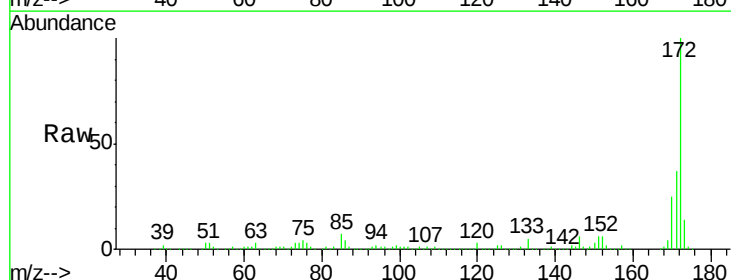
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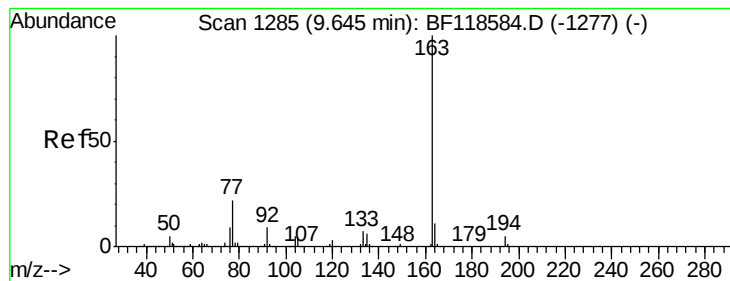
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#45
 2-Fluorobiphenyl
 Concen: 58.164 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.7	20.7	31.1





#50

Dimethylphthalate

Concen: 3.472 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.04 min

Lab File: BF118761.D

Acq: 30 Jan 2020 19:47

Instrument :

BNA_F

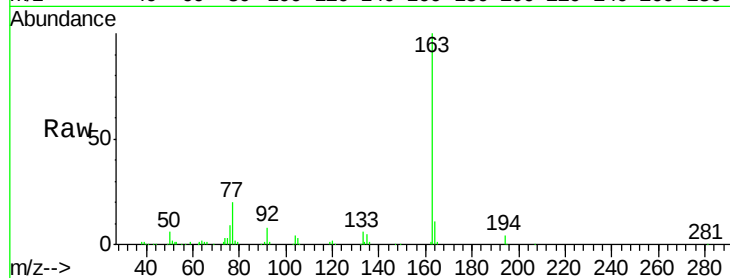
ClientSampleId :

RBR-36

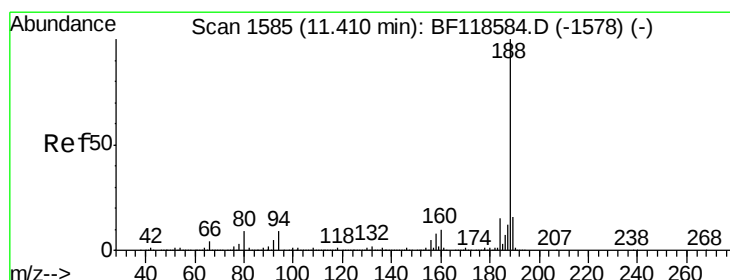
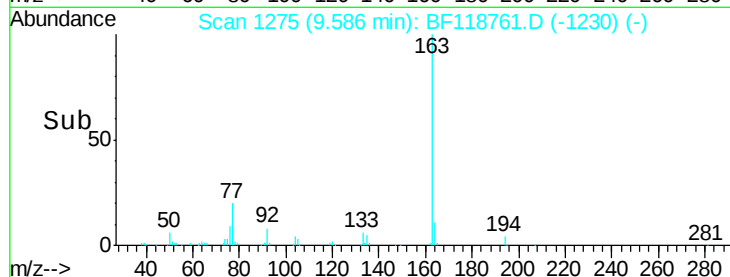
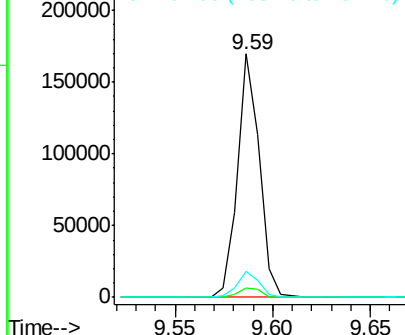
Tot Ion:	163	Resp:	131770
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	10.5	8.2	12.2

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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

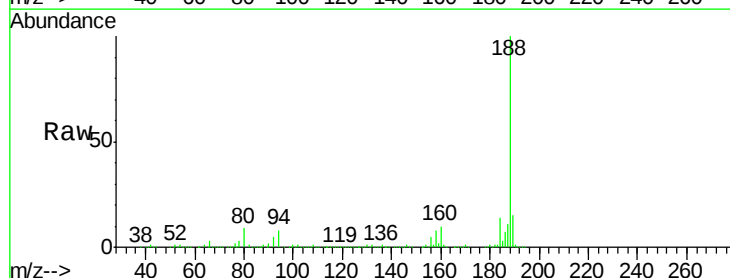
RT: 11.36 min Scan# 1577

Delta R.T. -0.02 min

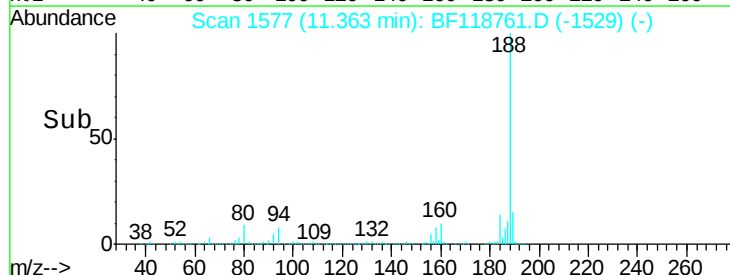
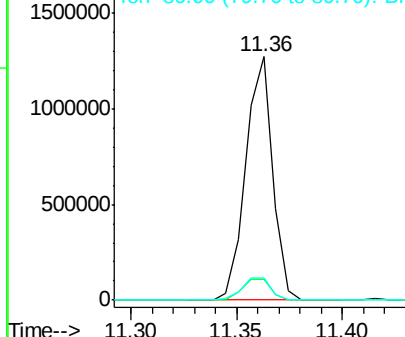
Lab File: BF118761.D

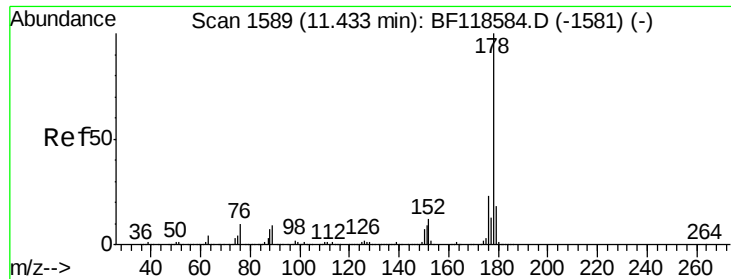
Acq: 30 Jan 2020 19:47

Tgt Ion:	188	Resp:	1122824
Ion Ratio	Lower	Upper	
188	100		
94	8.4	7.4	11.2
80	9.1	7.8	11.8



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





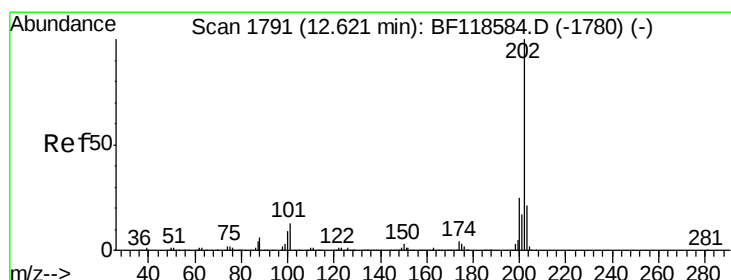
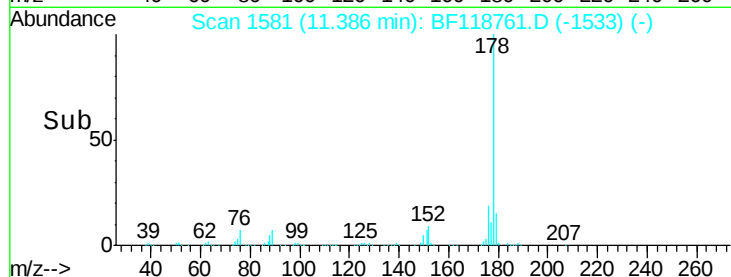
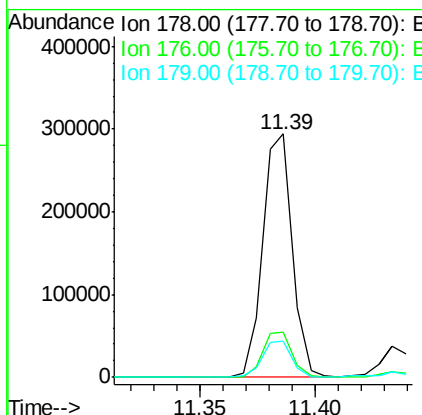
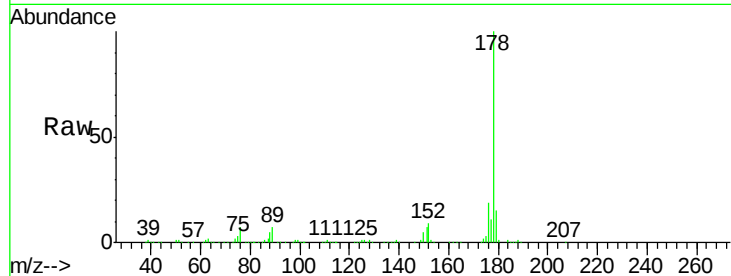
#71
Phenanthrene
Concen: 4.843 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Instrument :
BNA_F
ClientSampleId :
RBR-36

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.5	24.7
179	14.9	13.3	19.9

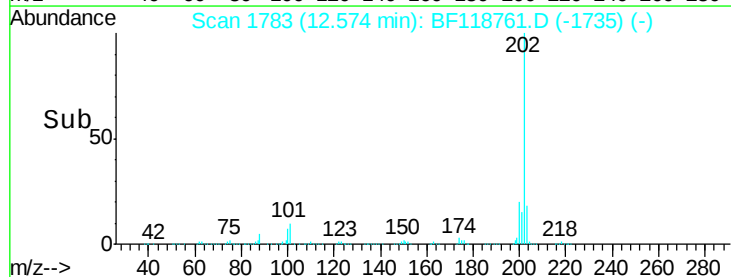
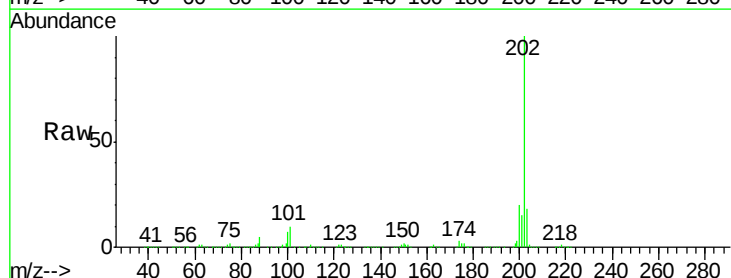
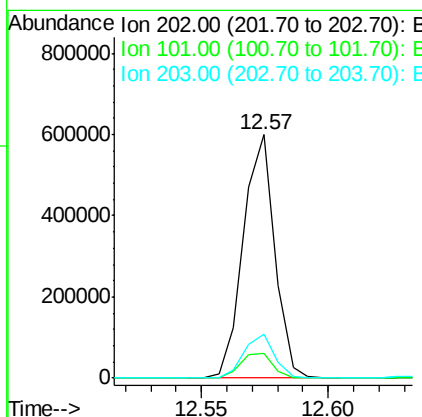
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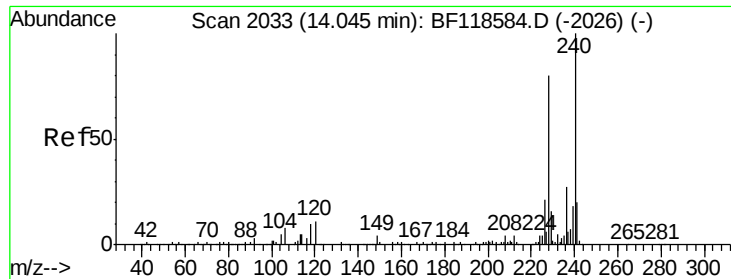
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#75
Fluoranthene
Concen: 9.028 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.1
203	17.9	0.0	38.9





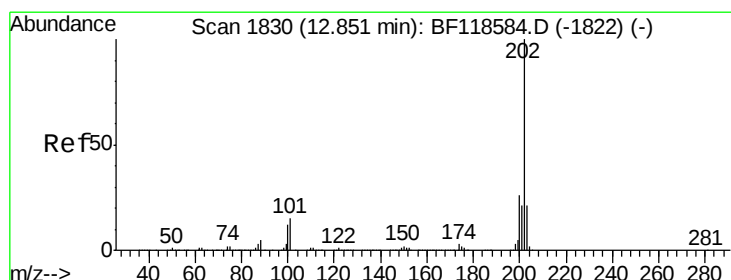
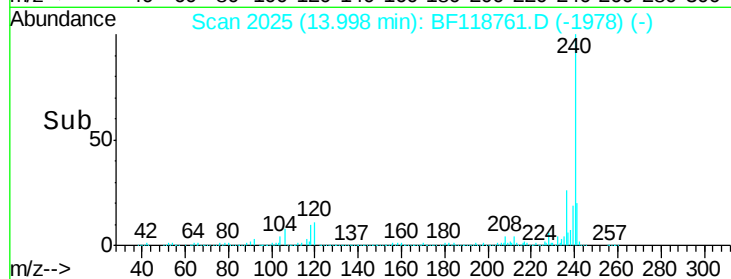
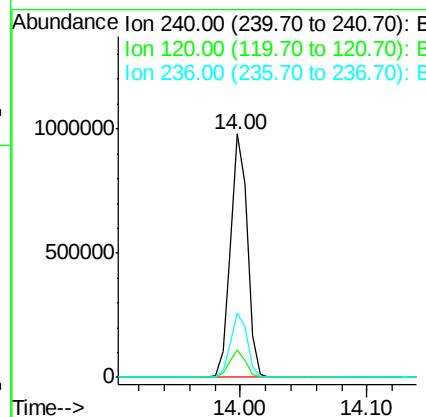
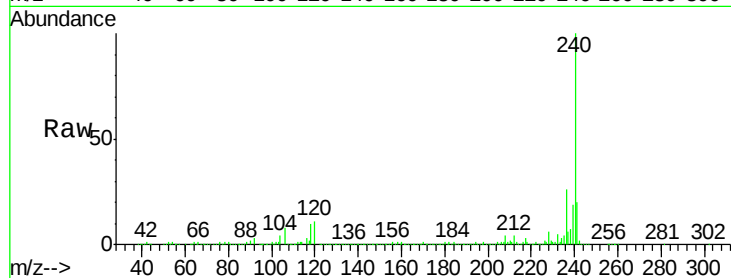
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Instrument :
BNA_F
ClientSampled :
RBR-36

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.6	11.4
236	26.2	21.0	31.4

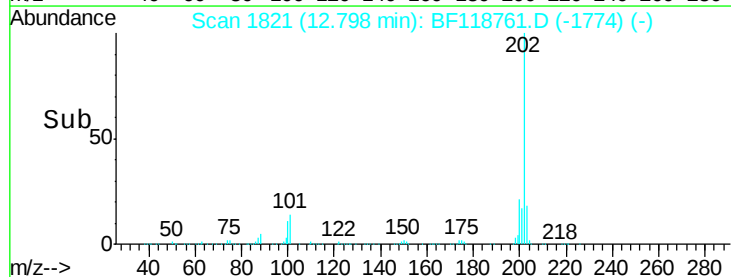
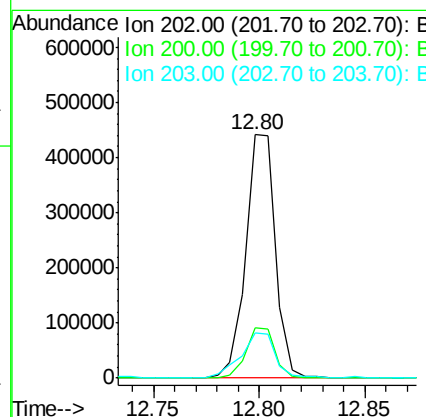
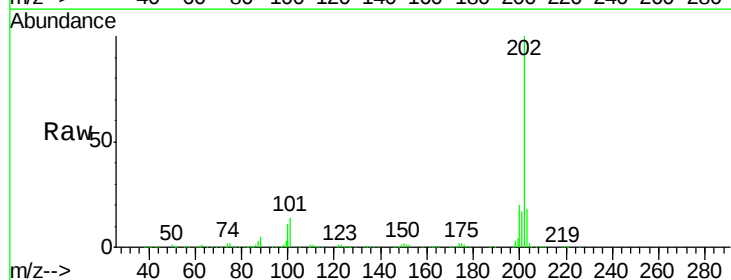
Manual Integrations
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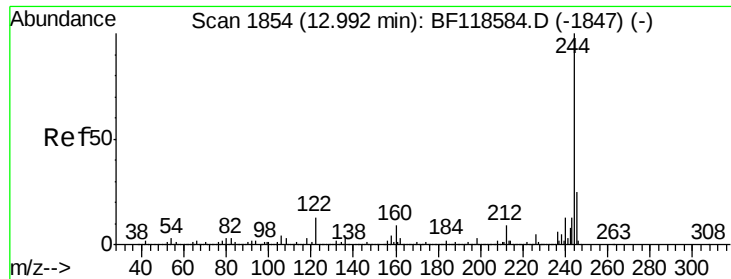
mohammad
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#78
Pyrene
Concen: 7.042 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	18.1	27.1
203	18.5	15.2	22.8





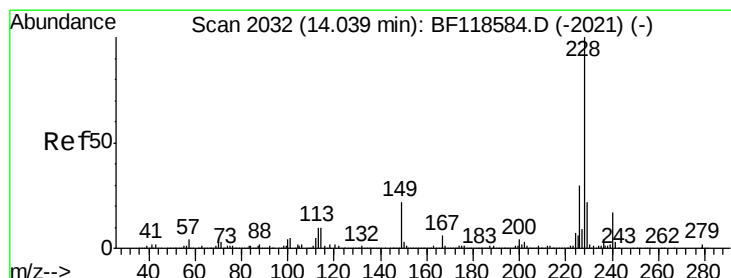
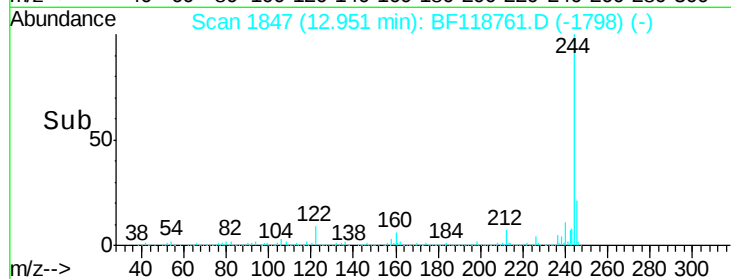
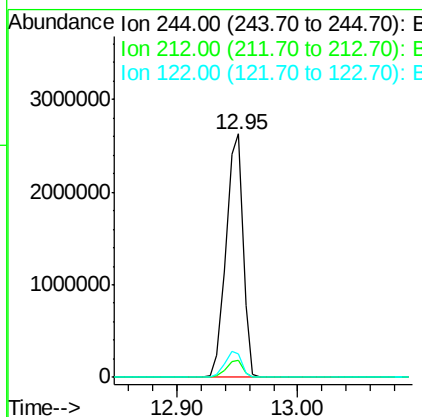
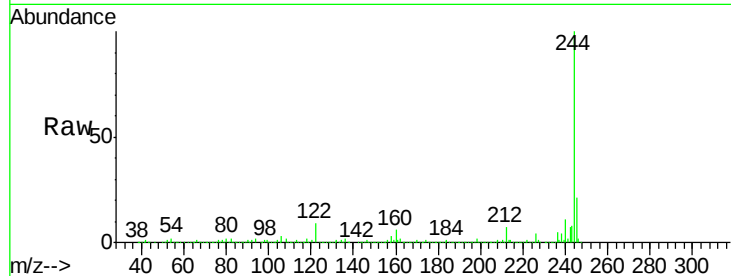
#79
 Terphenyl-d14
 Concen: 62.334 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 RBR-36

Tot Ion:244 Resp: 2572290
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.3 9.5
 122 9.5 9.2 13.8

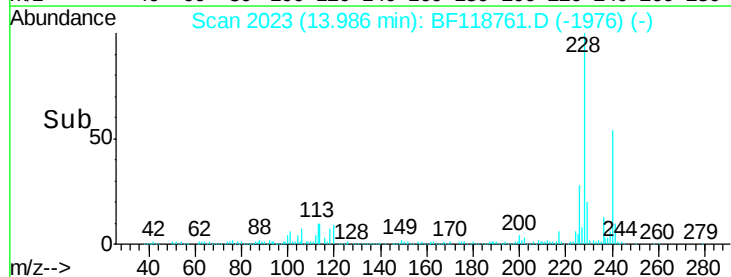
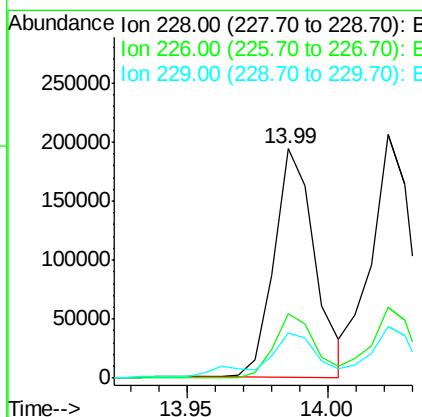
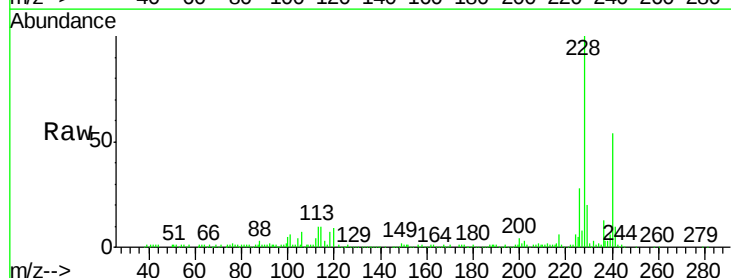
Manual Integrations
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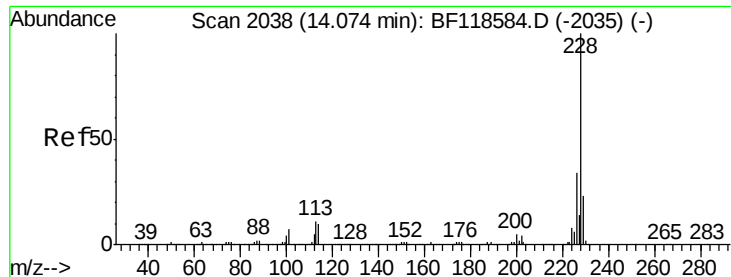
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.598 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF118761.D
 Acq: 30 Jan 2020 19:47

Tgt Ion:228 Resp: 194792
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.6 34.0
 229 20.0 16.6 25.0





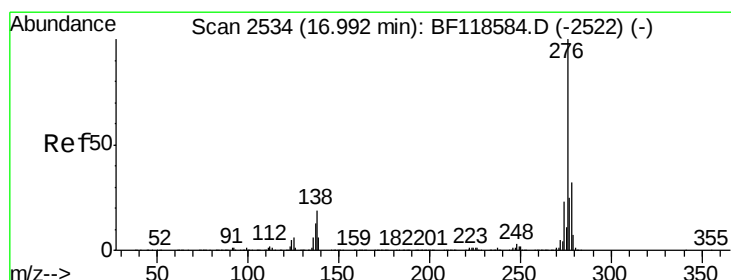
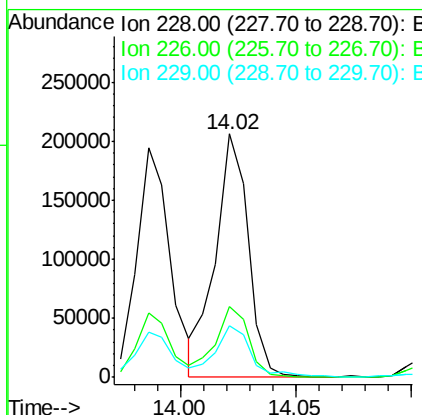
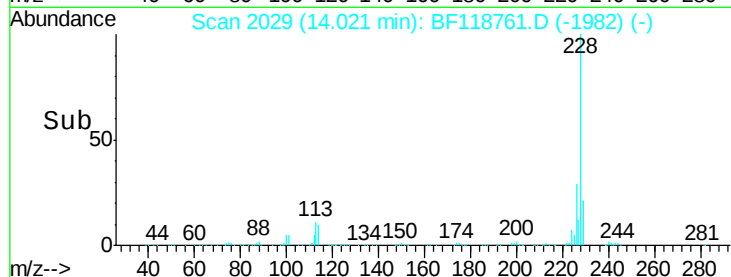
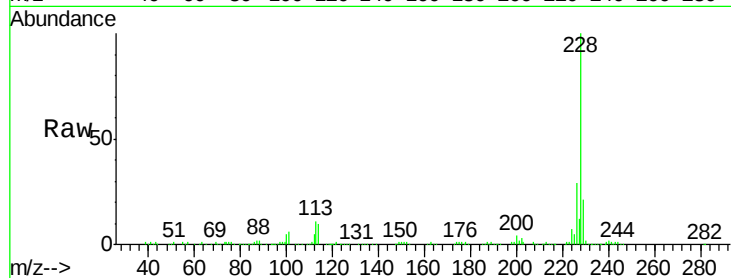
#83
Chrysene
Concen: 3.877 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Instrument :
BNA_F
ClientSampled :
RBR-36

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.6	38.4
229	21.4	17.1	25.7

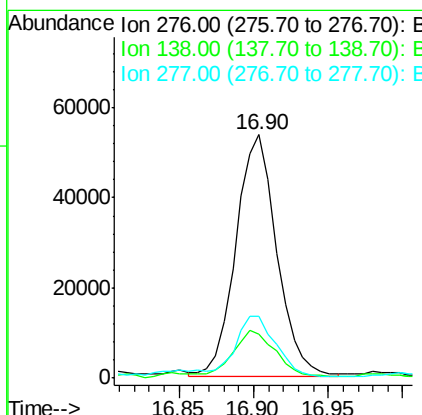
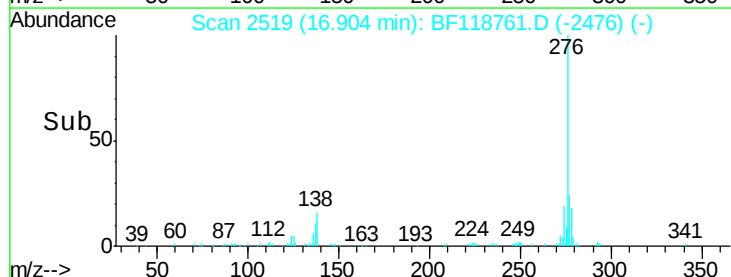
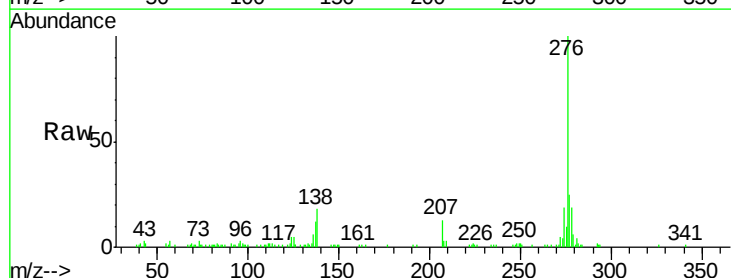
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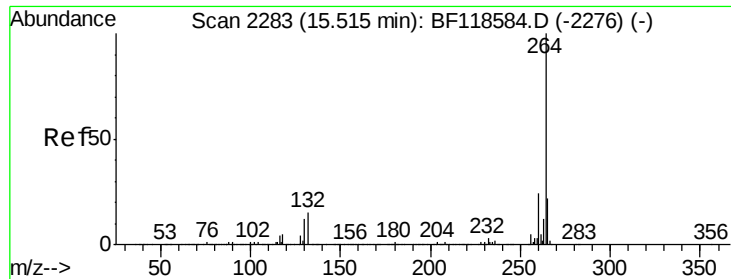
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.268 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	18.2	27.4
277	24.6	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF118761.D

Acq: 30 Jan 2020 19:47

Instrument :

BNA_F

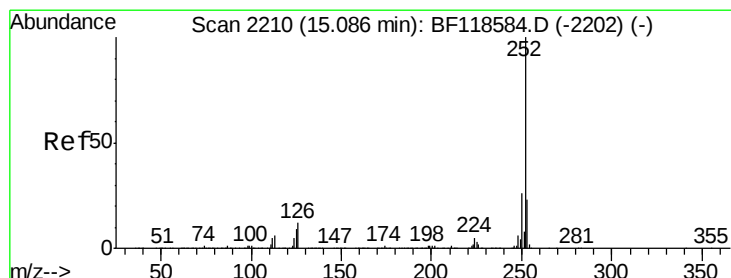
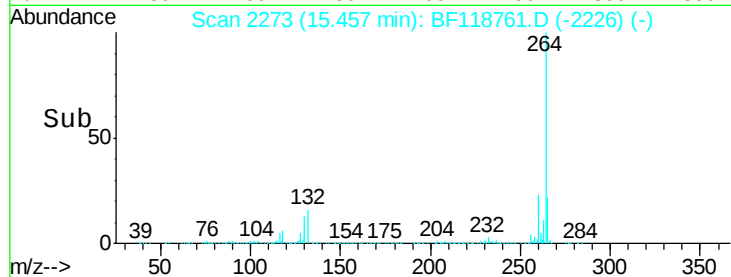
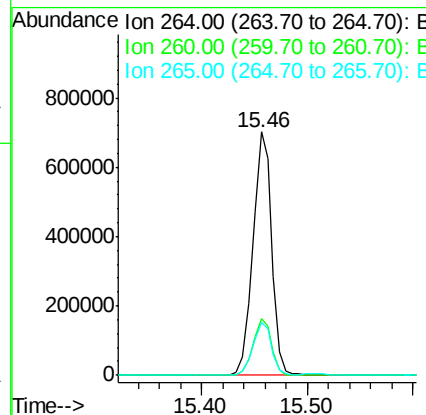
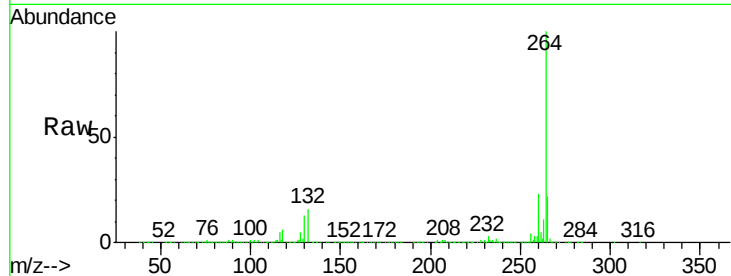
ClientSampleId :

RBR-36

Tot Ion:	264	Resp:	868232
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	28.0
265	21.9	17.0	25.6

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#88

Benzo(b)fluoranthene

Concen: 4.379 ng m

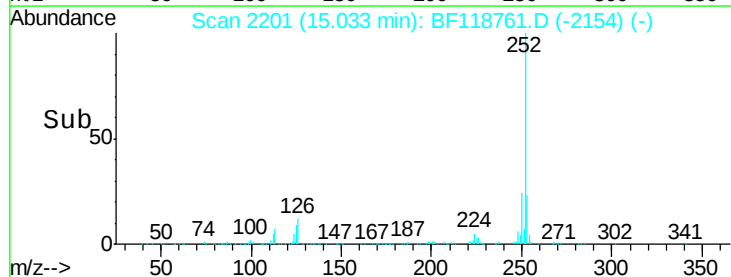
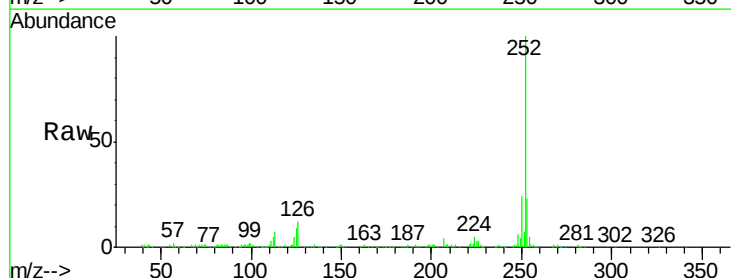
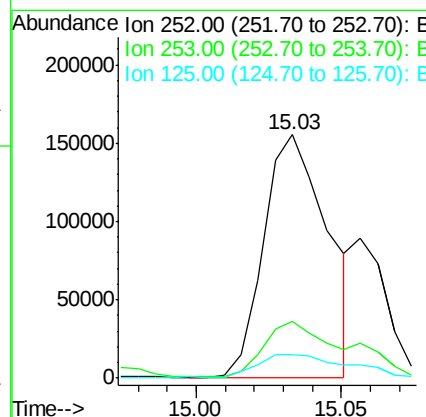
RT: 15.03 min Scan# 2201

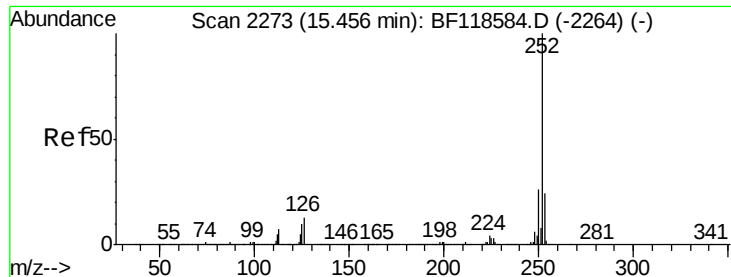
Delta R.T. -0.02 min

Lab File: BF118761.D

Acq: 30 Jan 2020 19:47

Tgt Ion:	252	Resp:	238983
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.4
125	9.5	7.7	11.5





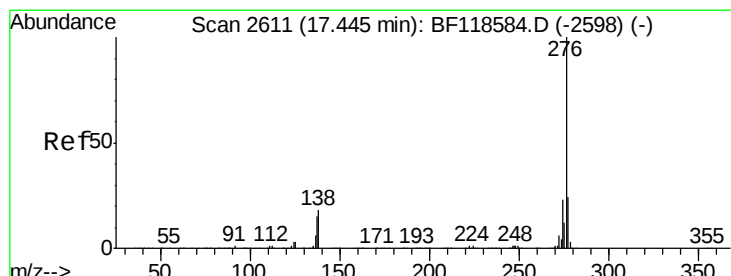
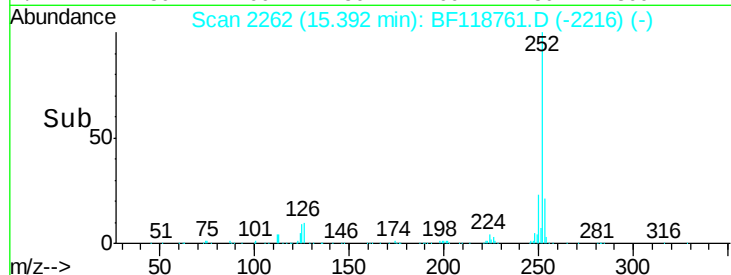
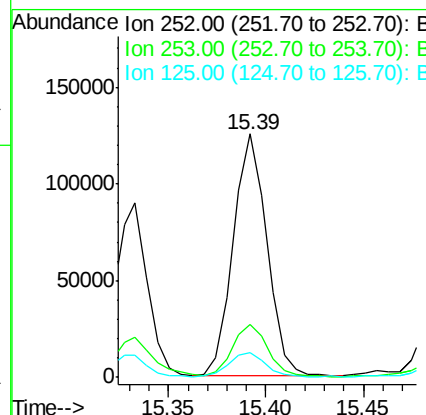
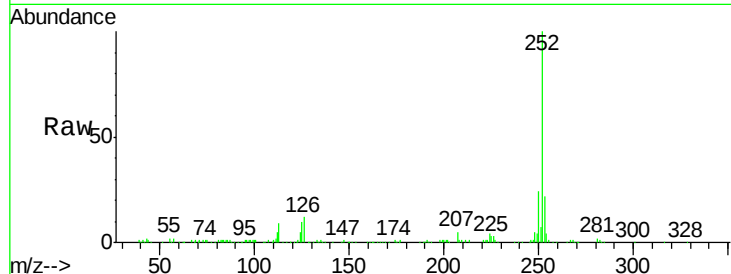
#90
Benzo(a)pyrene
Concen: 3.188 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.03 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Instrument :
BNA_F
ClientSampleId :
RBR-36

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	10.2	8.3	12.5

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#92
Benzo(g,h,i)perylene
Concen: 2.393 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF118761.D
Acq: 30 Jan 2020 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	21.8	15.4	23.2

