

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118723.D
 Acq On : 27 Jan 2020 17:09
 Operator : CG/JU
 Sample : L1008-15 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-012420

Manual Integrations
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Quant Time: Jan 27 17:55:22 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	6.86	152	307915	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1093595	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	557756	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	883557	20.00	ng	0.00
76) Chrysene-d12	14.02	240	619245	20.00	ng	0.00
87) Perylene-d12	15.49	264	753243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	626591	37.79	ng	0.00
7) Phenol-d6	6.48	99	750788	34.84	ng	-0.01
23) Nitrobenzene-d5	7.42	82	443268	22.67	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	199505	30.93	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	890452	26.24	ng	0.00
79) Terphenyl-d14	12.96	244	799754	28.17	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.60	163	81802	2.251	ng	99
71) Phenanthrene	11.40	178	177770	4.170	ng	97
75) Fluoranthene	12.59	202	167337	3.722	ng	97
78) Pyrene	12.82	202	167125	3.975	ng	97
83) Chrysene	14.04	228	73124m	2.048	ng	
88) Benzo(b)fluoranthene	15.06	252	97925m	2.068	ng	

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

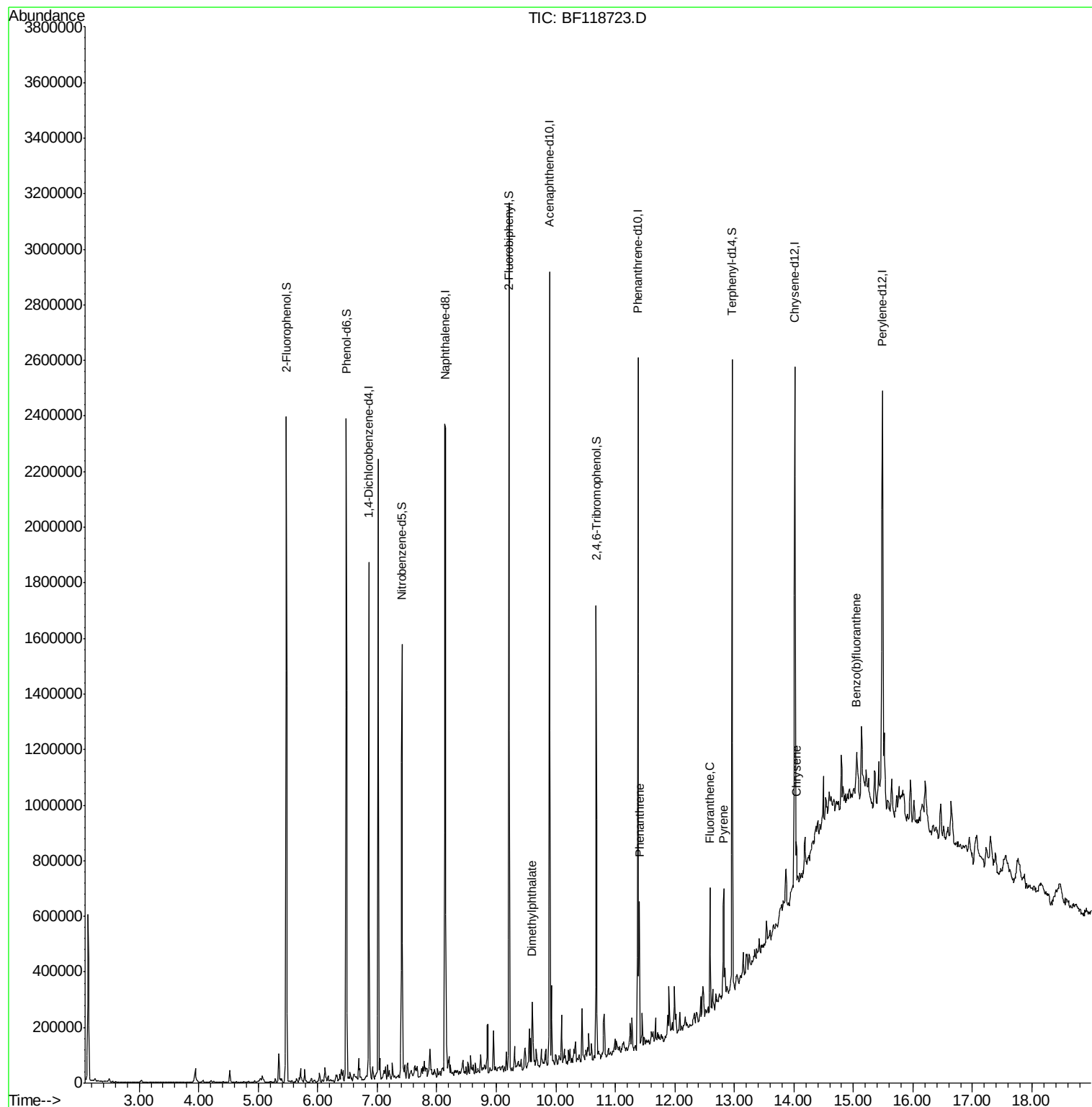
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118723.D
Acq On : 27 Jan 2020 17:09
Operator : CG/JU
Sample : L1008-15 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

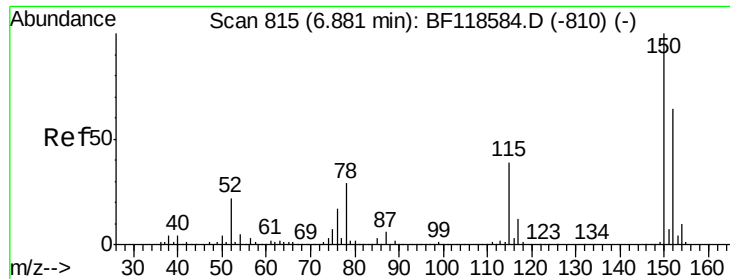
Instrument :
BNA_F
ClientSampleId :
CL-02-012420

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Quant Time: Jan 27 17:55:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

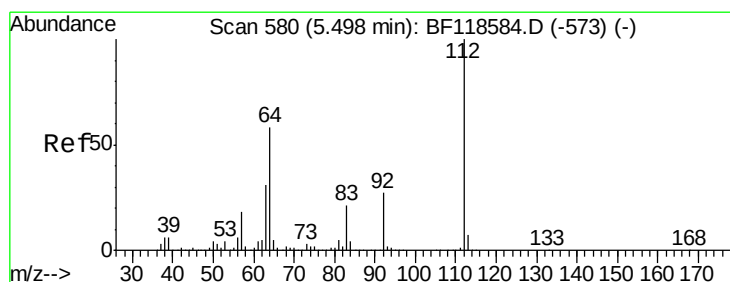
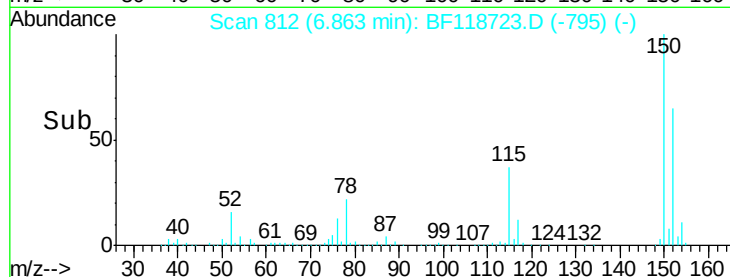
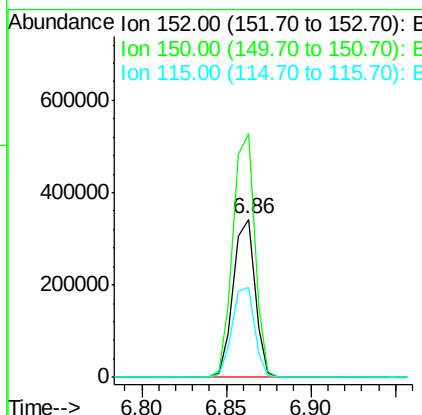
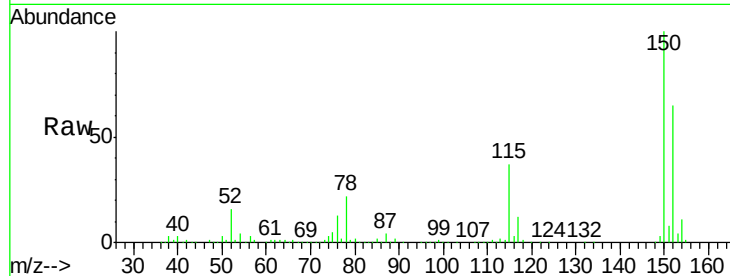
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF118723.D
Acq: 27 Jan 2020 17:09

Instrument :
BNA_F
ClientSampleId :
CL-02-012420

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	56.7	45.1	67.7

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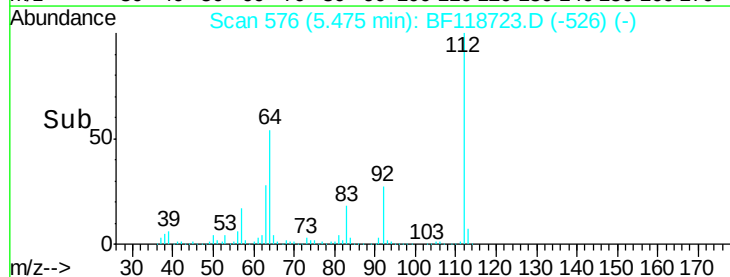
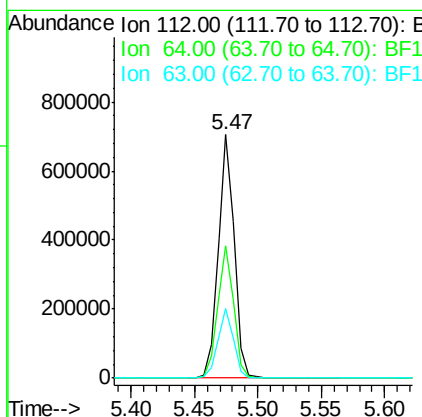
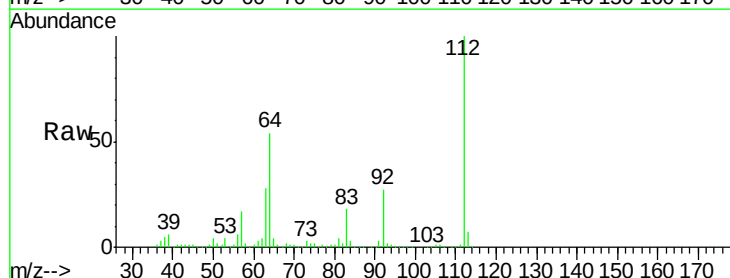
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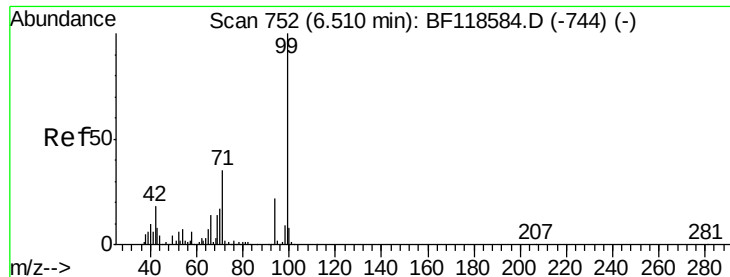


#5

2-Fluorophenol
Concen: 37.794 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118723.D
Acq: 27 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	42.4	63.6
63	28.4	21.7	32.5





#7

Phenol-d6

Concen: 34.842 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Instrument :

BNA_F

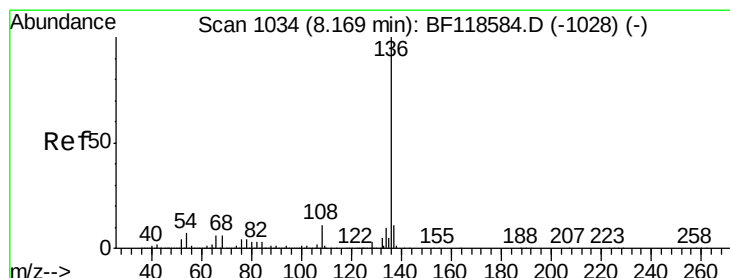
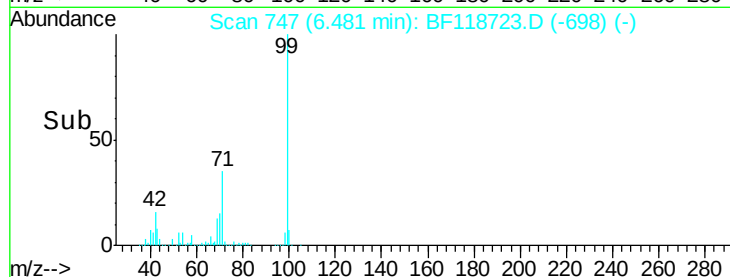
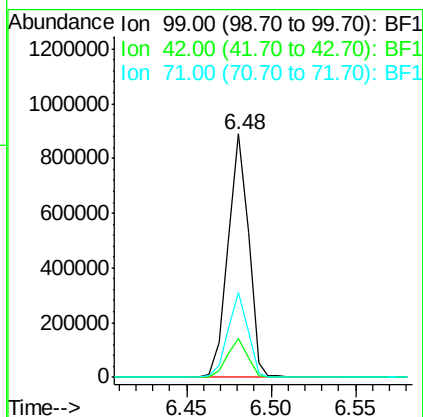
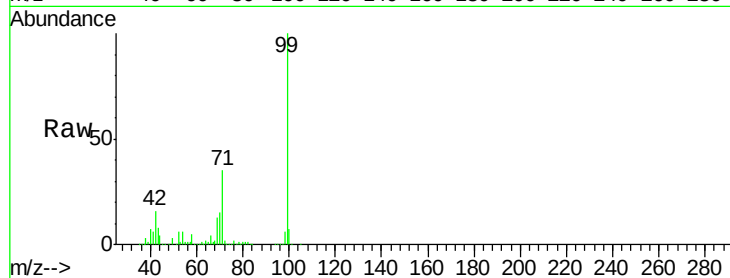
ClientSampleId :

CL-02-012420

Tot Ion:	99	Resp:	750788
Ion Ratio	Lower	Upper	
99	100		
42	15.8	13.1	19.7
71	34.9	28.4	42.6

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#21

Naphthalene-d8

Concen: 20.000 ng

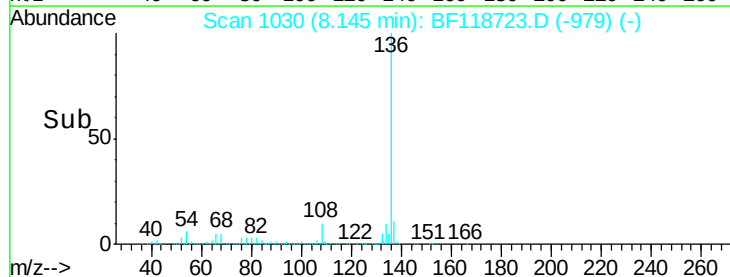
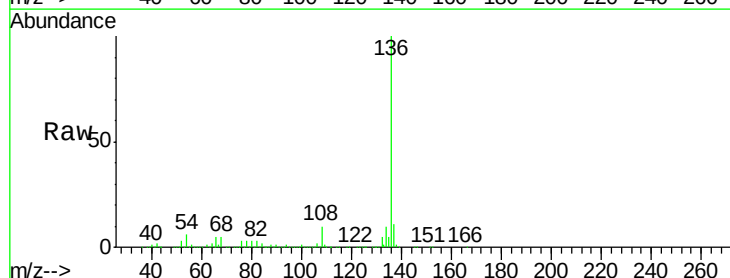
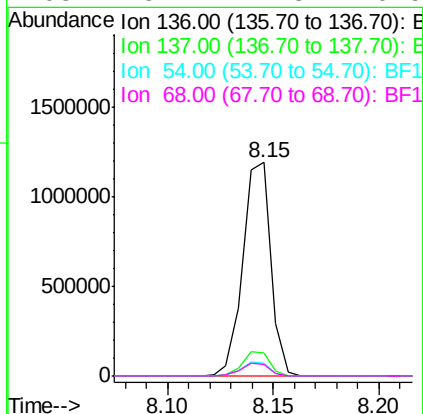
RT: 8.15 min Scan# 1030

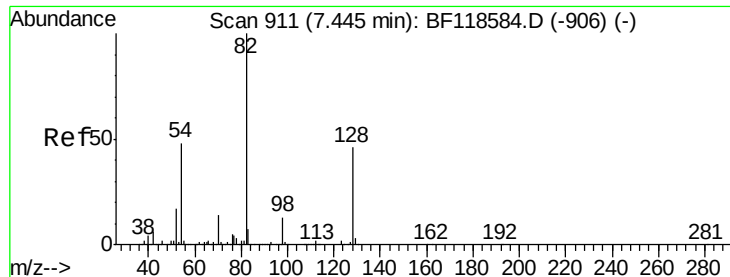
Delta R.T. -0.00 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Tgt Ion:	136	Resp:	1093595
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.0	5.1	7.7
68	5.4	4.3	6.5





#23

Nitrobenzene-d5

Concen: 22.672 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Instrument :

BNA_F

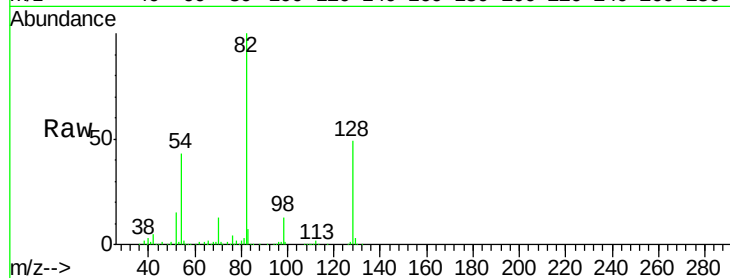
ClientSampleId :

CL-02-012420

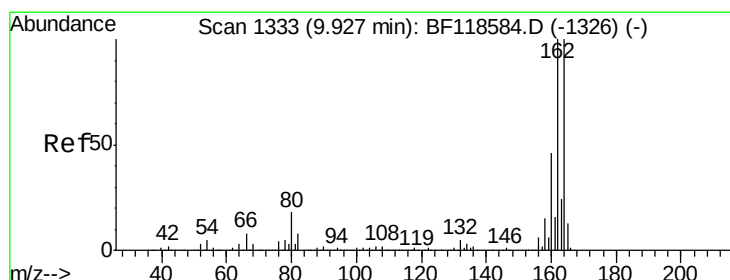
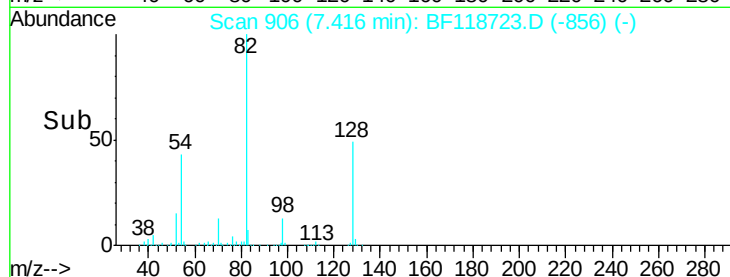
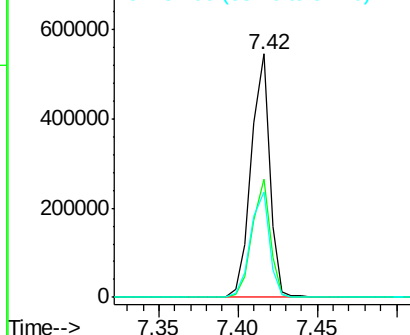
Tot Ion:	82	Resp:	443268
Ion Ratio	Lower	Upper	
82	100		
128	48.7	38.2	57.2
54	43.3	36.1	54.1

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

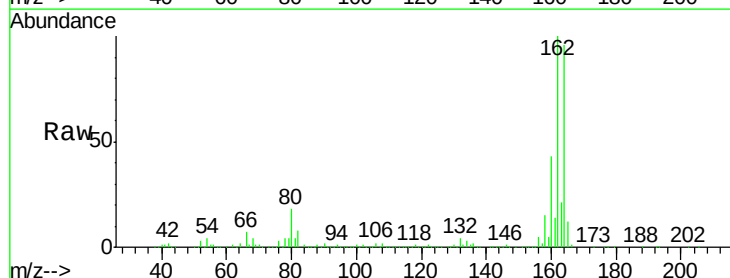
RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

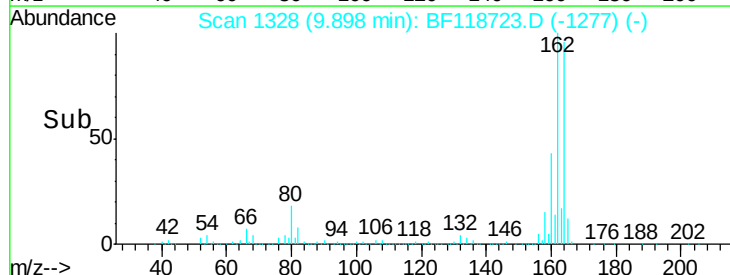
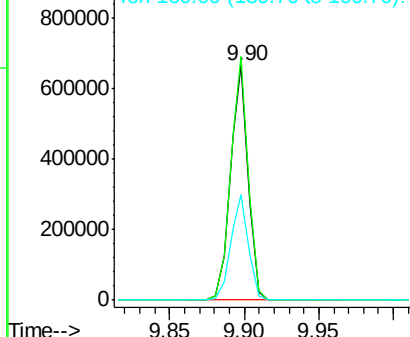
Lab File: BF118723.D

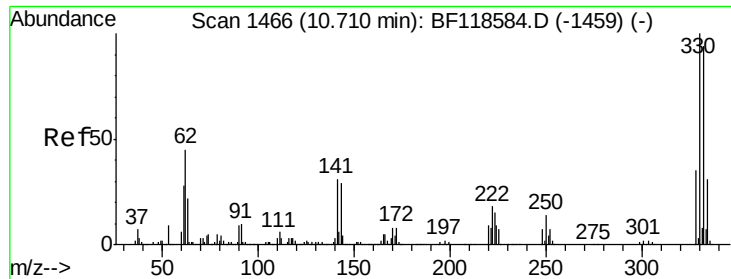
Acq: 27 Jan 2020 17:09

Tgt Ion:	164	Resp:	557756
Ion Ratio	Lower	Upper	
164	100		
162	103.8	80.8	121.2
160	44.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





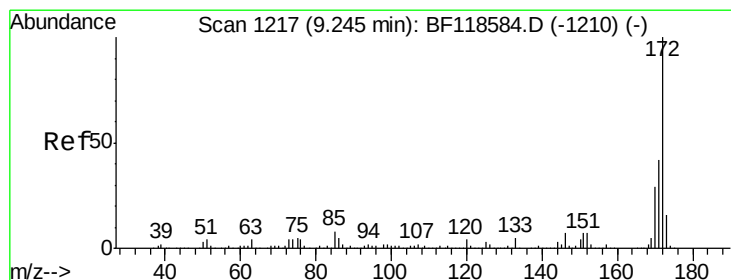
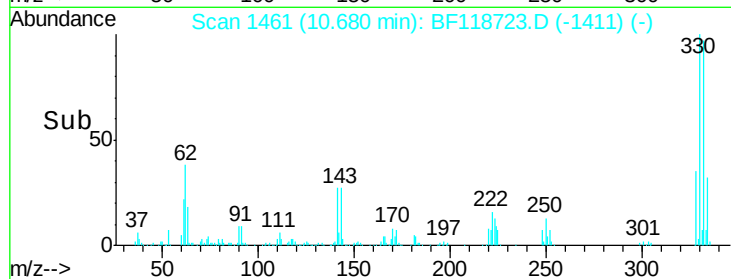
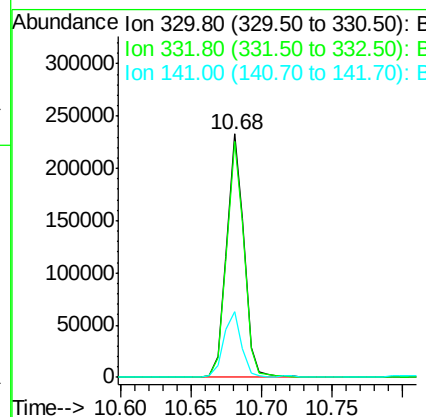
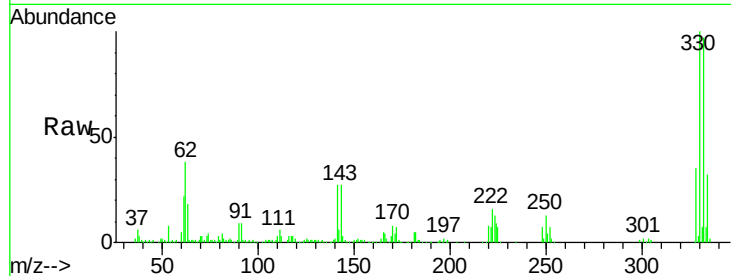
#42
 2,4,6-Tribromophenol
 Concen: 30.925 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF118723.D
 Acq: 27 Jan 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-012420

Tot Ion	Ratio	Resp	Lower	Upper
330	100	199505		
332	97.6		77.6	116.4
141	27.2		22.2	33.2

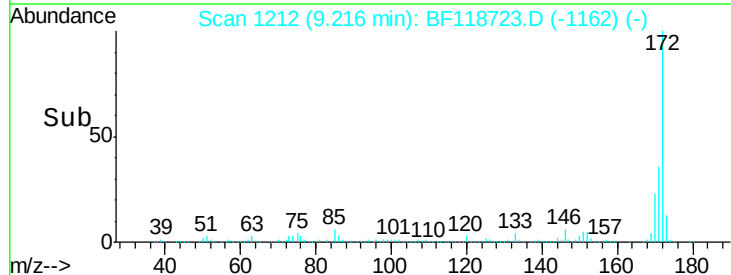
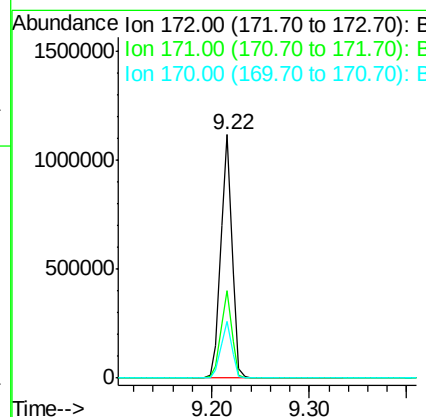
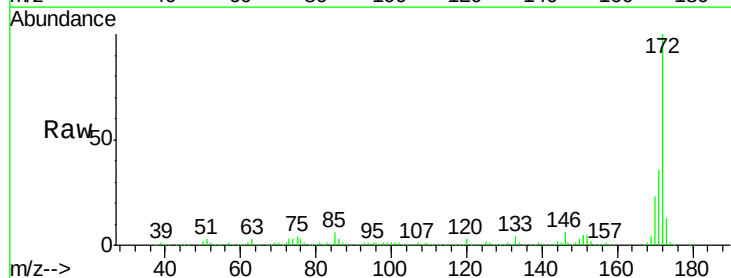
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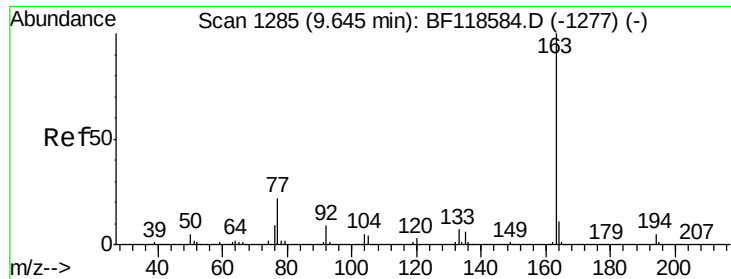
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#45
 2-Fluorobiphenyl
 Concen: 26.240 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118723.D
 Acq: 27 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	890452		
171	36.0		31.0	46.4
170	23.5		20.7	31.1





#50

Dimethylphthalate

Concen: 2.251 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Instrument :

BNA_F

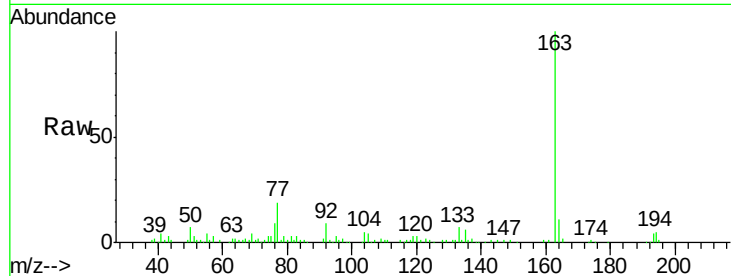
ClientSampled :

CL-02-012420

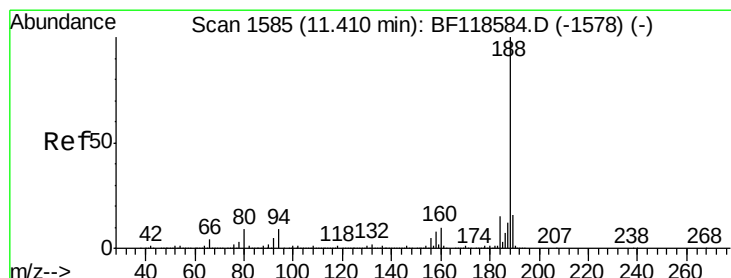
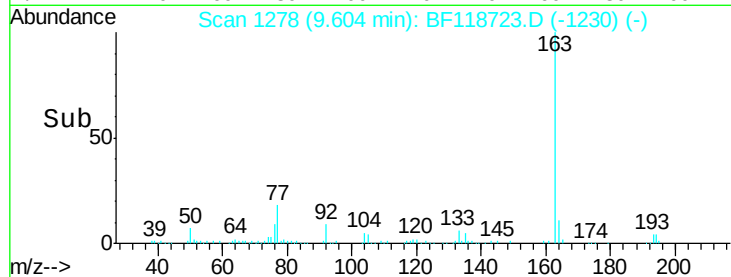
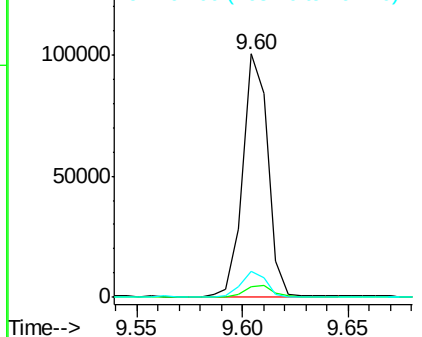
Tot Ion:	163	Resp:	81802
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.7	5.5
164	10.6	8.2	12.2

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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

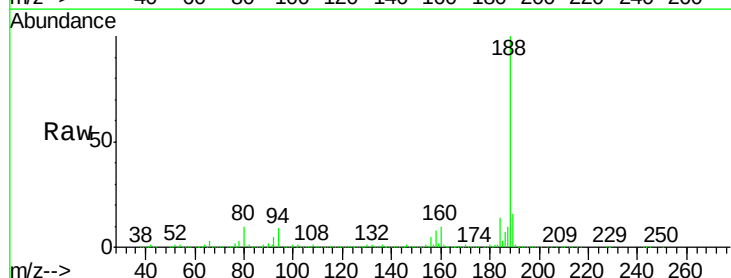
RT: 11.38 min Scan# 1580

Delta R.T. -0.00 min

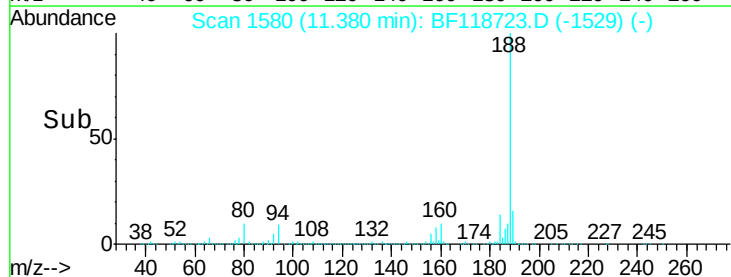
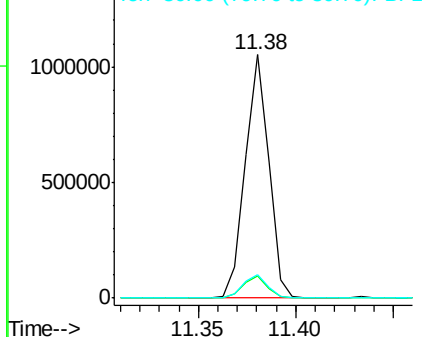
Lab File: BF118723.D

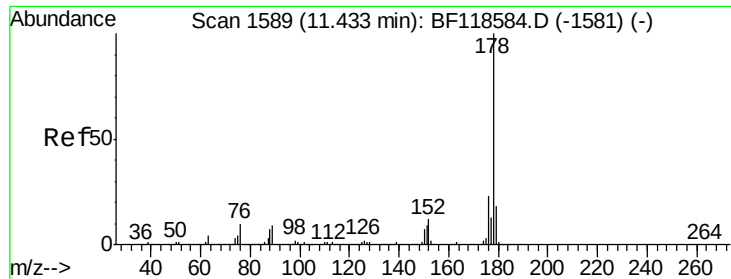
Acq: 27 Jan 2020 17:09

Tgt Ion:	188	Resp:	883557
Ion Ratio	Lower	Upper	
188	100		
94	8.9	7.4	11.2
80	9.6	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: 4.170 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Instrument :

BNA_F

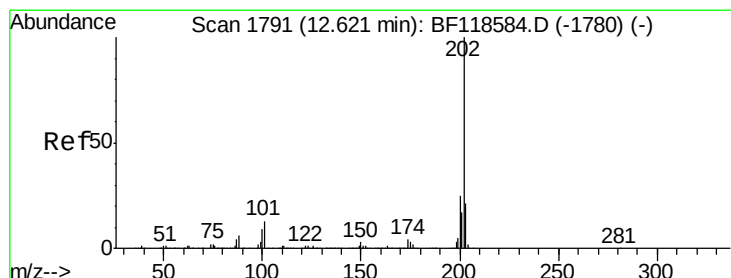
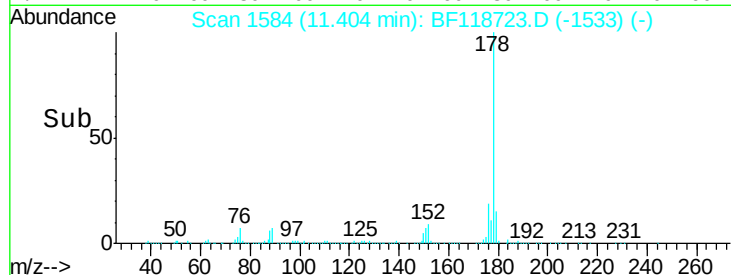
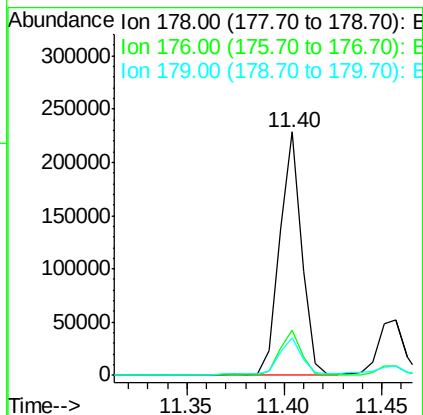
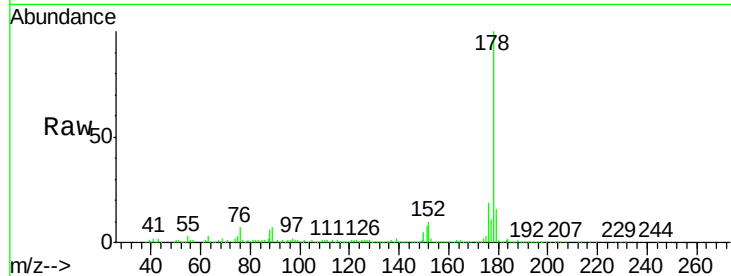
ClientSampleId :

CL-02-012420

Tot Ion:	178	Resp:	177770
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.5	24.7
179	15.6	13.3	19.9

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#75

Fluoranthene

Concen: 3.722 ng

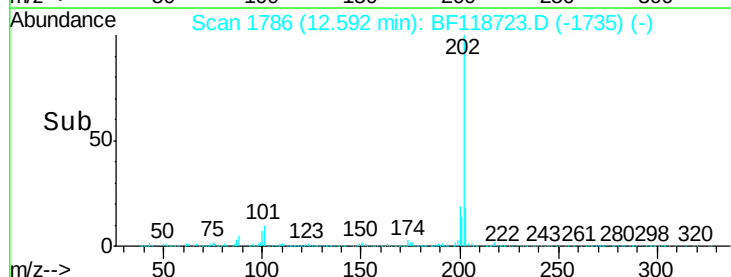
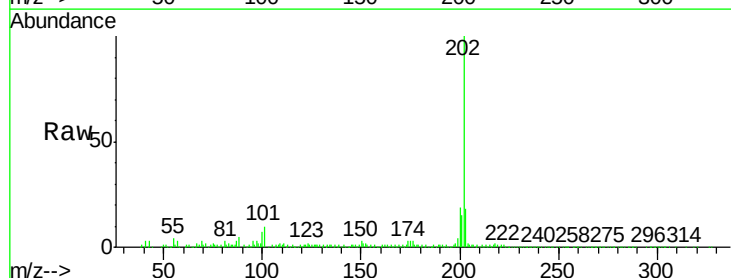
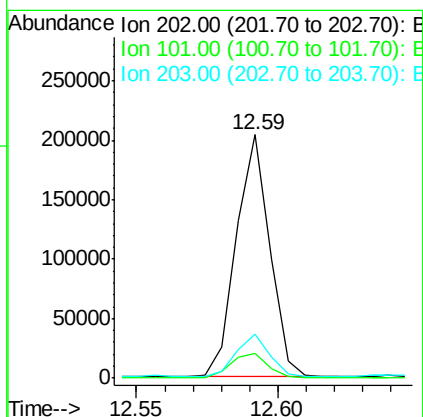
RT: 12.59 min Scan# 1786

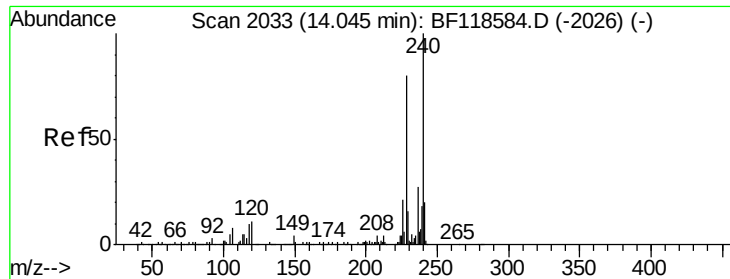
Delta R.T. -0.00 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Tgt Ion:	202	Resp:	167337
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	32.1
203	18.1	0.0	38.9





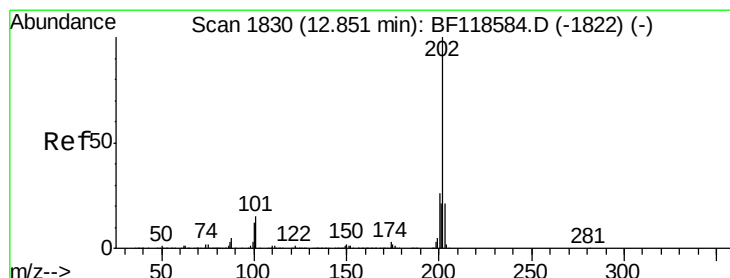
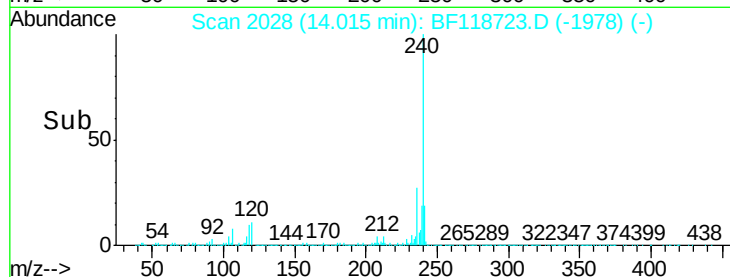
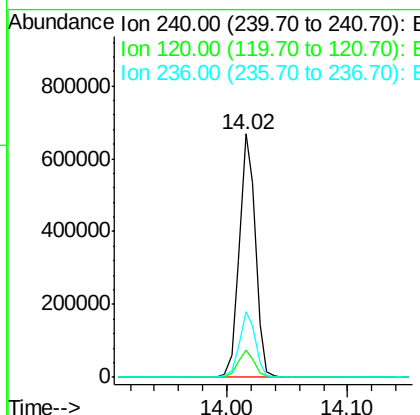
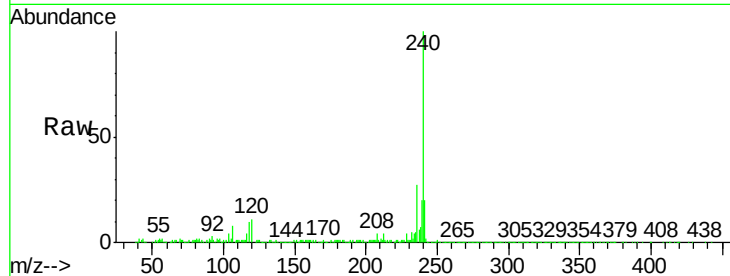
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF118723.D
Acq: 27 Jan 2020 17:09

Instrument :
BNA_F
ClientSampleId :
CL-02-012420

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.4	7.6	11.4	
236	26.7	21.0	31.4	

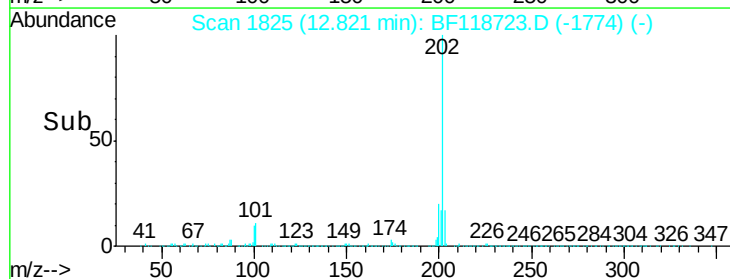
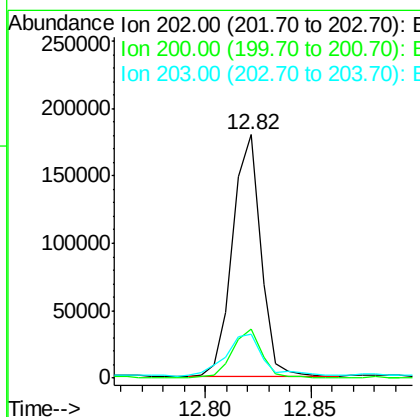
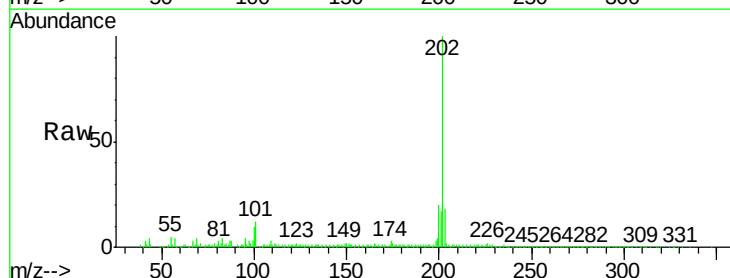
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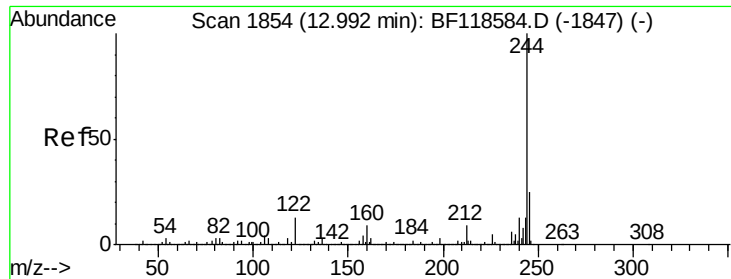
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#78
Pyrene
Concen: 3.975 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF118723.D
Acq: 27 Jan 2020 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	18.1	27.1	
203	18.1	15.2	22.8	





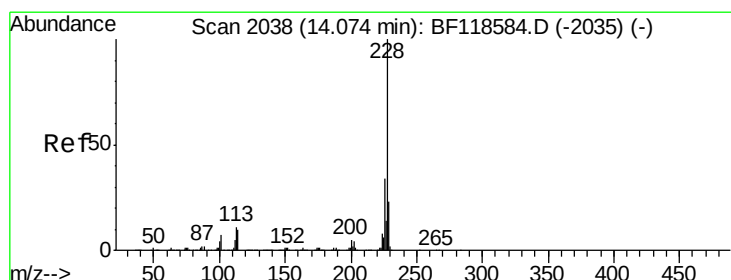
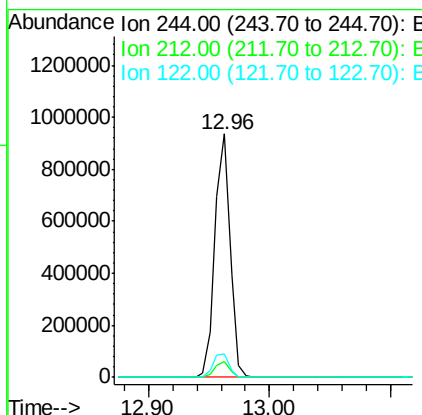
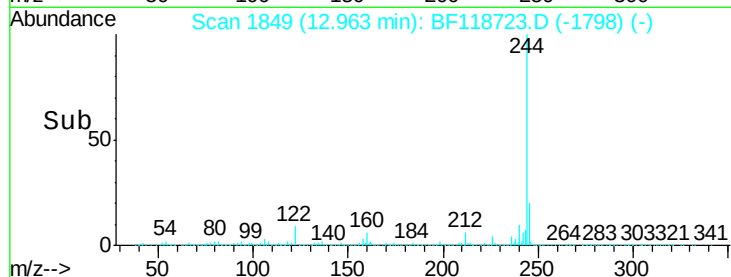
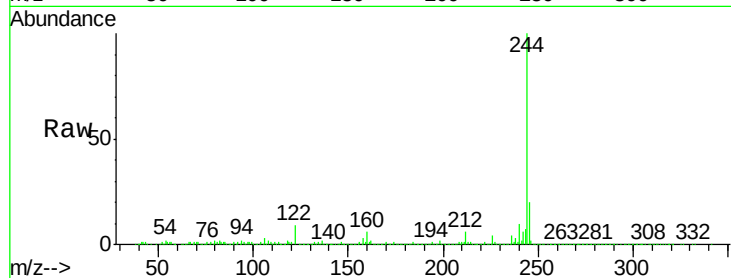
#79
 Terphenyl-d14
 Concen: 28.169 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF118723.D
 Acq: 27 Jan 2020 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-012420

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.3	9.5
122	9.4	9.2	13.8

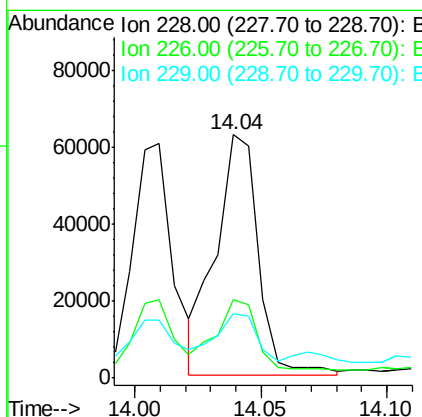
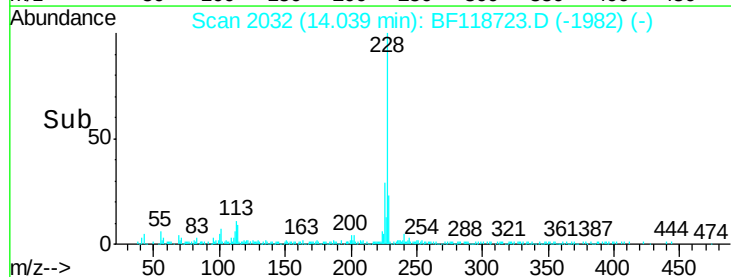
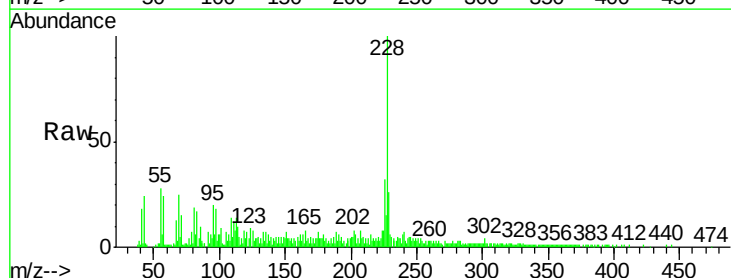
Manual Integrations
 APPROVED

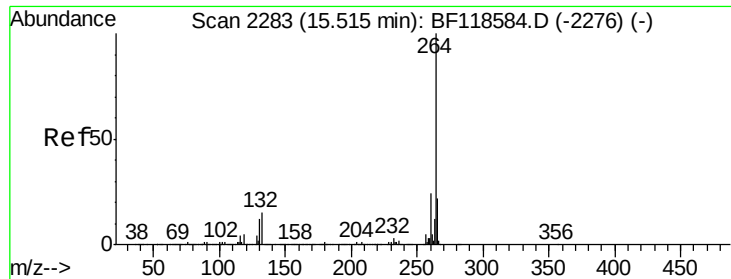
mohammad
 1/28/2020 1:13:16 PM



#83
 Chrysene
 Concen: 2.048 ng m
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118723.D
 Acq: 27 Jan 2020 17:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.6	38.4
229	26.2	17.1	25.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Instrument :

BNA_F

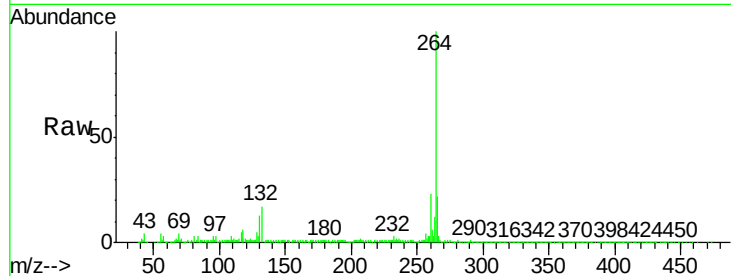
ClientSampleId :

CL-02-012420

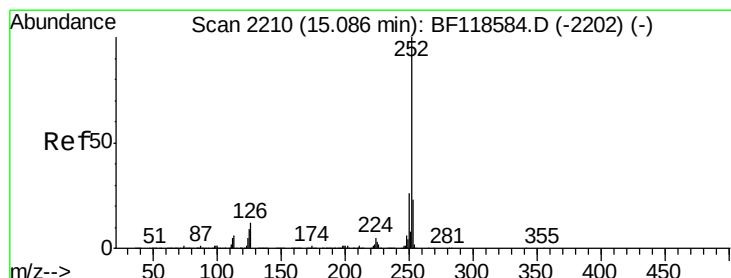
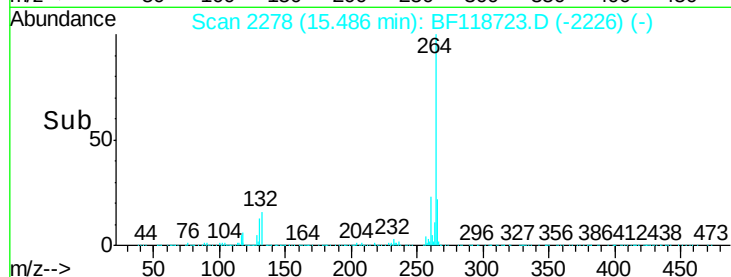
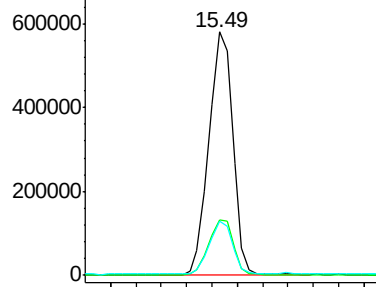
Tot Ion:	264	Resp:	753243
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.6	28.0
265	22.1	17.0	25.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:16 PM



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: 2.068 ng m

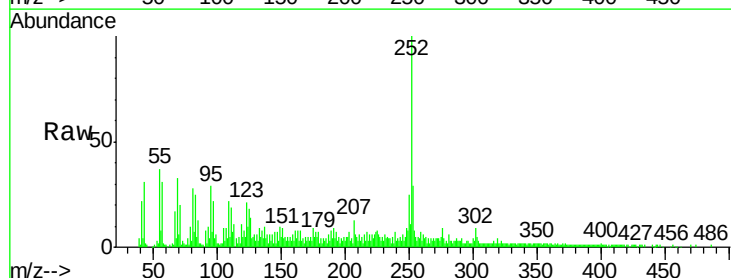
RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF118723.D

Acq: 27 Jan 2020 17:09

Tgt Ion:	252	Resp:	97925
Ion Ratio	Lower	Upper	
252	100		
253	28.6	18.2	27.4#
125	18.0	7.7	11.5#



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

