

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118659.D
 Acq On : 22 Jan 2020 11:07
 Operator : CG/JU
 Sample : L1106-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Manual Integrations
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Quant Time: Jan 22 12:43:39 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	6.88	152	376115	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1321778	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	640696	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	934657	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	755782	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1017579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2447398	120.85	ng	0.00
7) Phenol-d6	6.51	99	3106296	118.01	ng	0.00
23) Nitrobenzene-d5	7.44	82	1927207	81.55	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	759015	102.42	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3031816	77.78	ng	-0.01
79) Terphenyl-d14	12.98	244	2387553	68.90	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	298306	7.146	ng	Qvalue 97
71) Phenanthrene	11.42	178	134064	2.973	ng	91
75) Fluoranthene	12.61	202	188668	3.967	ng	93
78) Pyrene	12.84	202	199949	3.897	ng	# 90
80) Butylbenzylphthalate	13.46	149	765960	36.475	ng	96
81) Benzo(a)anthracene	14.02	228	102913	2.264	ng	97
83) Chrysene	14.06	228	105492	2.421	ng	95
84) Bis(2-ethylhexyl)phthalate	14.02	149	228840	8.920	ng	# 95
88) Benzo(b)fluoranthene	15.07	252	136426m	2.133	ng	

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

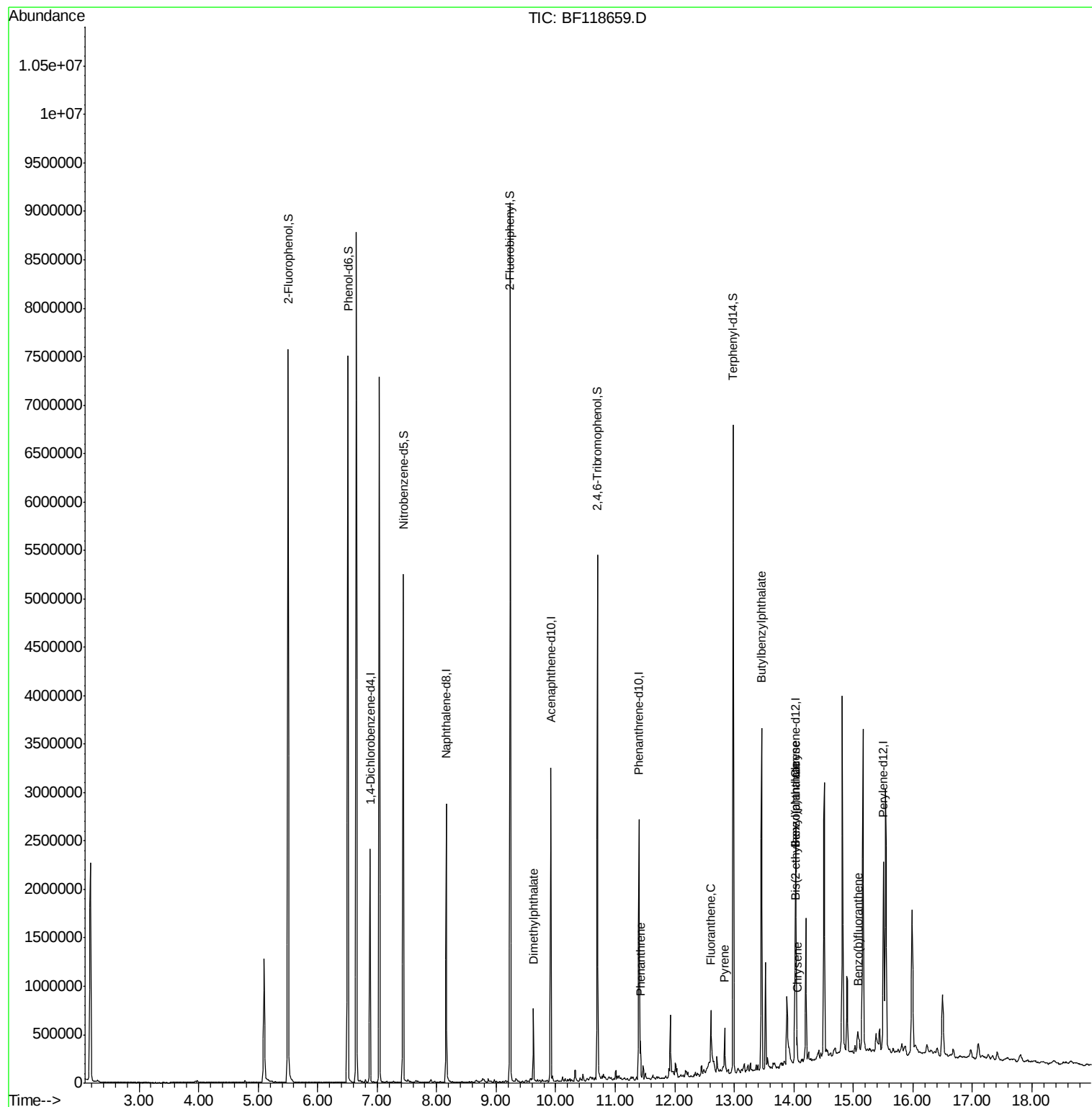
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118659.D
Acq On : 22 Jan 2020 11:07
Operator : CG/JU
Sample : L1106-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

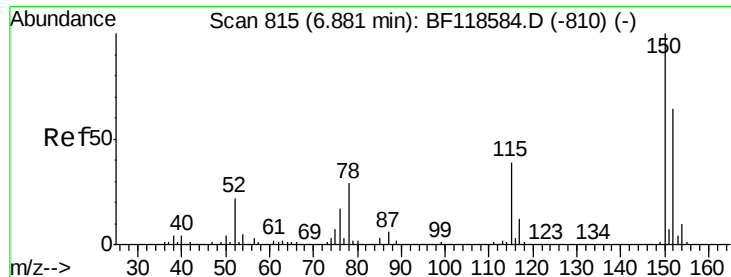
Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

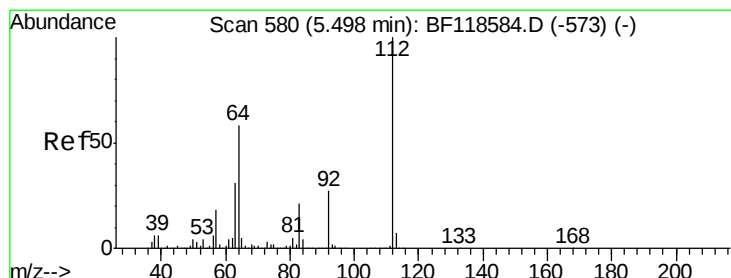
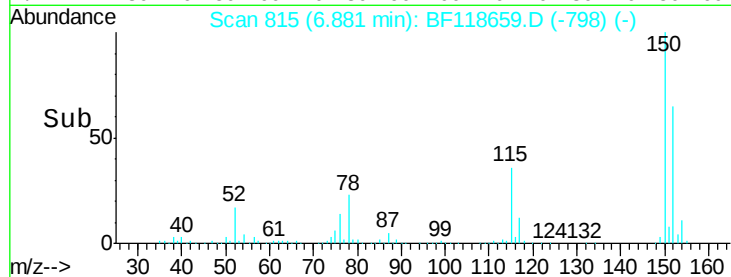
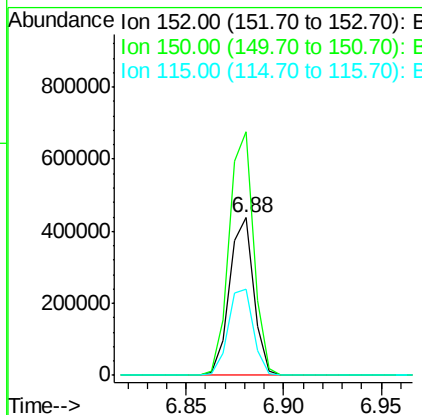
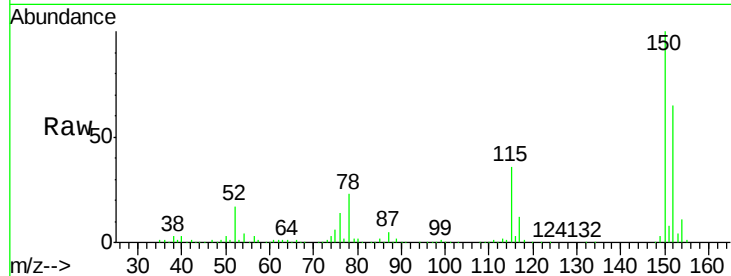
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.6	188.4
115	55.1	48.4	72.6

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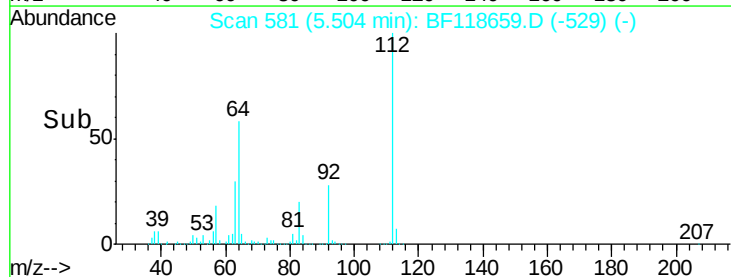
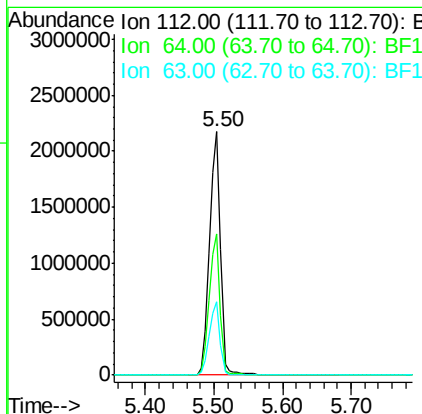
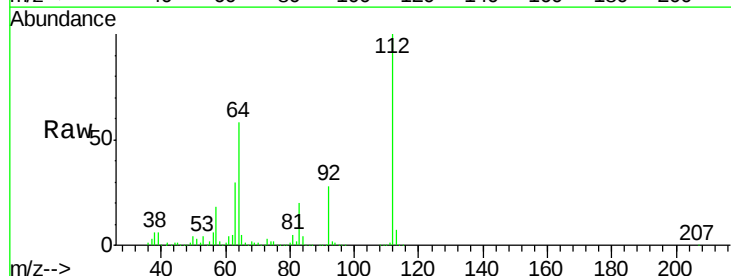
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#5

2-Fluorophenol
Concen: 120.852 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.6	70.0
63	30.1	25.1	37.7





#7

Phenol-d6

Concen: 118.015 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52

Tot Ion: 99 Resp: 3106296

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

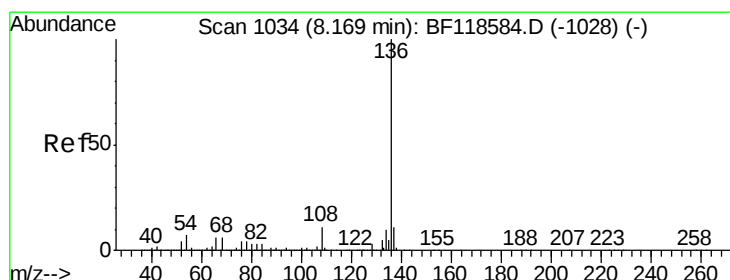
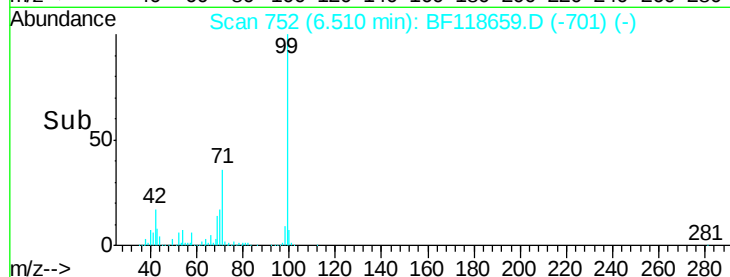
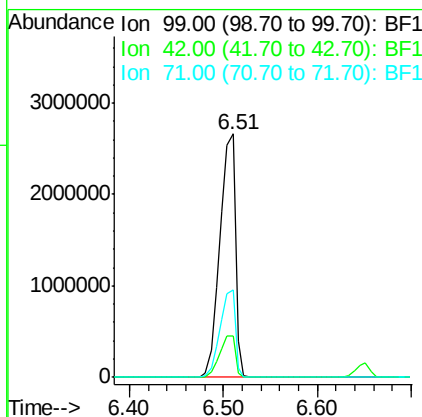
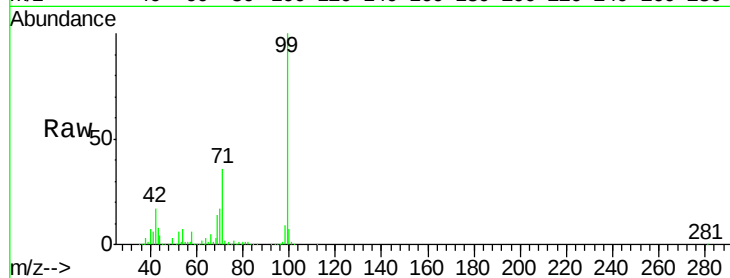
71 35.8 27.8 41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Tgt Ion: 136 Resp: 1321778

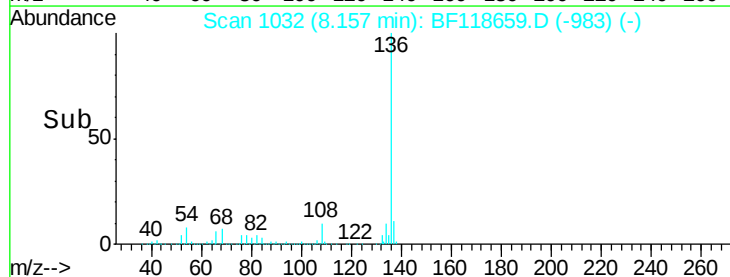
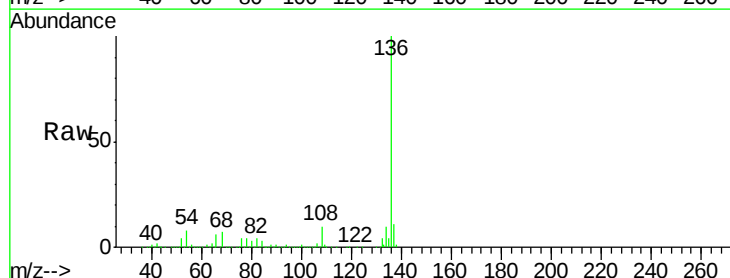
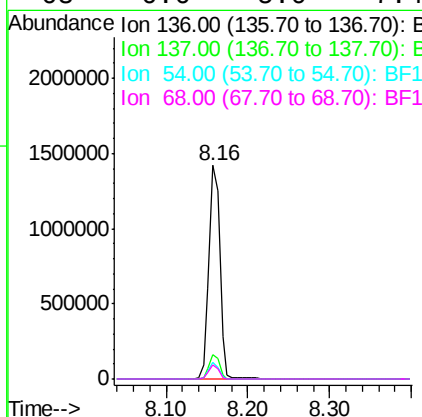
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 5.8 8.6

68 6.6 5.0 7.4





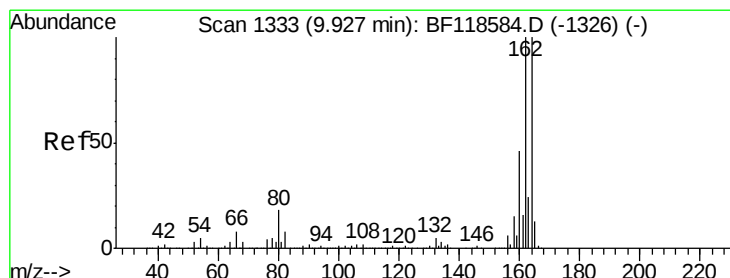
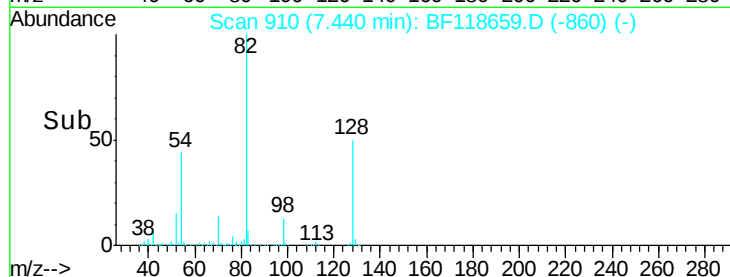
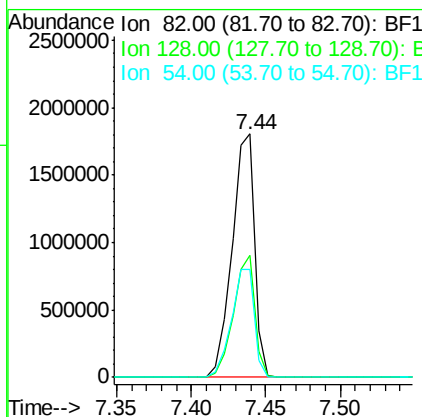
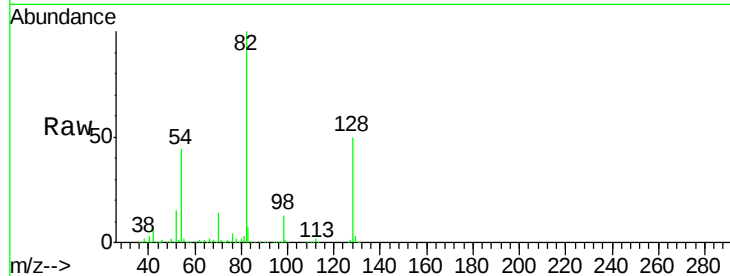
#23
Nitrobenzene-d5
Concen: 81.554 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.6	54.8
54	44.4	38.0	57.0

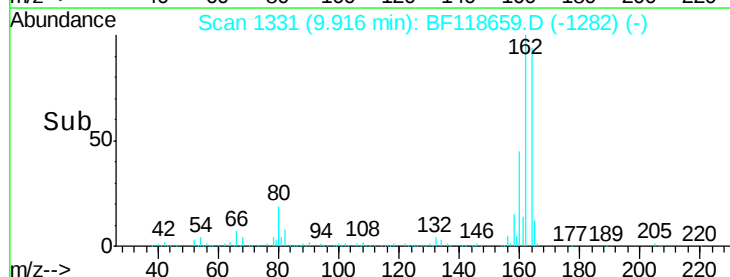
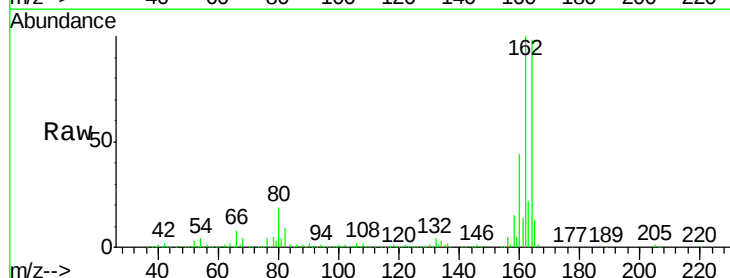
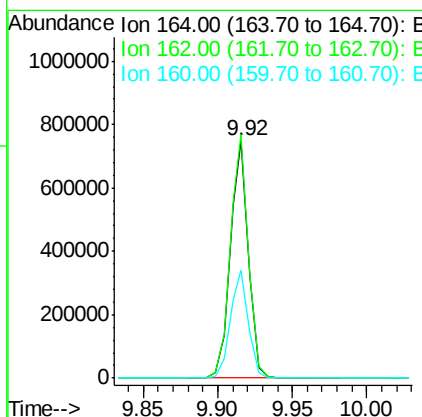
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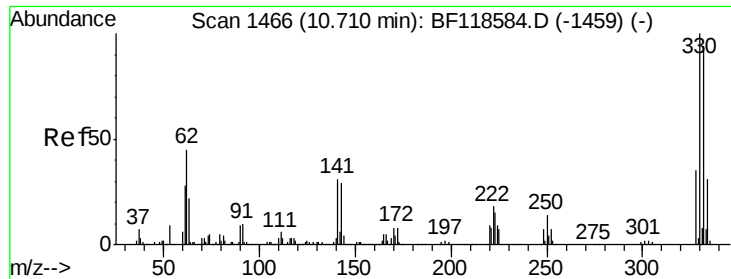
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.4	120.6
160	45.6	36.6	55.0





#42

2,4,6-Tribromophenol

Concen: 102.425 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Instrument :

BNA_F

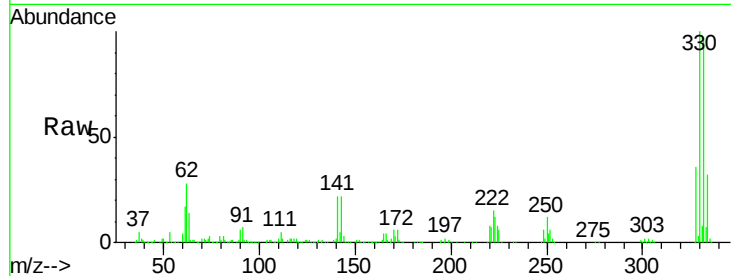
ClientSampleId :

CIY1-SB-01-0-52

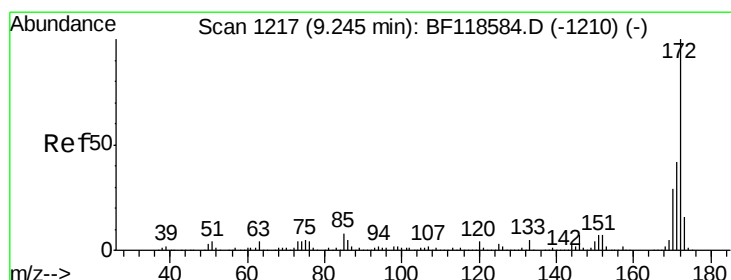
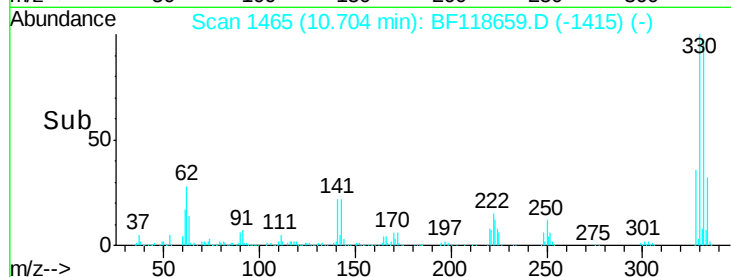
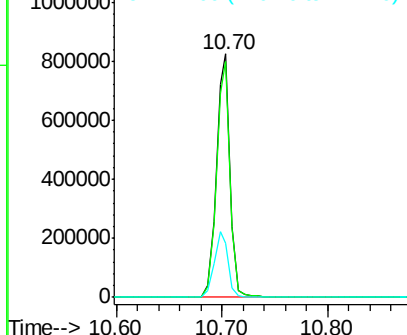
Tot Ion:	330	Resp:	759015
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.2	114.4
141	27.8	23.9	35.9

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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: 77.777 ng

RT: 9.23 min Scan# 1215

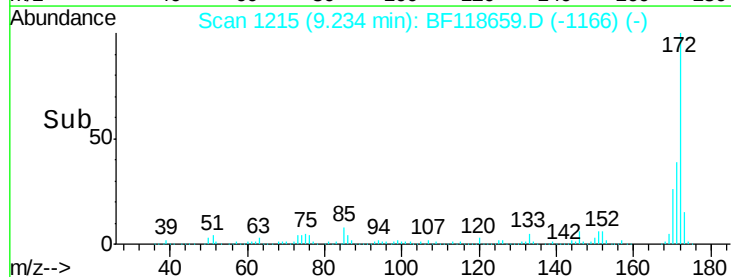
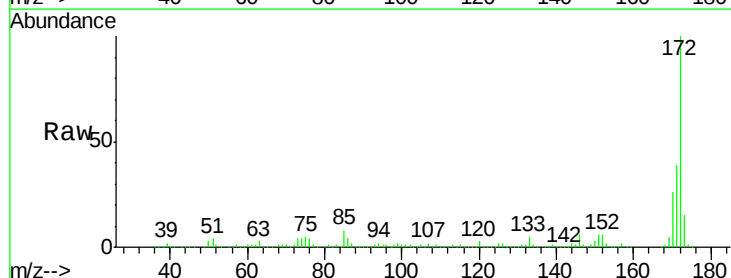
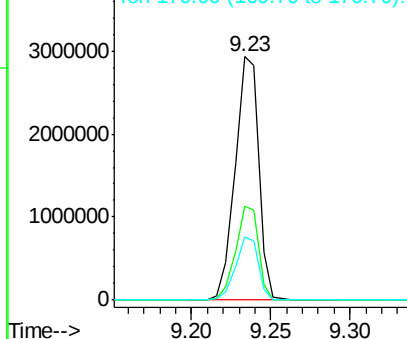
Delta R.T. -0.01 min

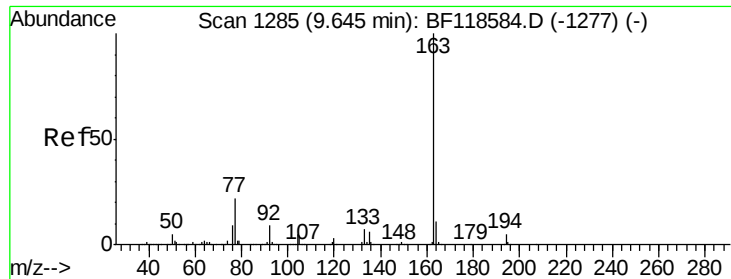
Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Tgt Ion:	172	Resp:	3031816
Ion Ratio	Lower	Upper	
172	100		
171	38.8	33.4	50.2
170	25.8	23.2	34.8

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: 7.146 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Instrument :

BNA_F

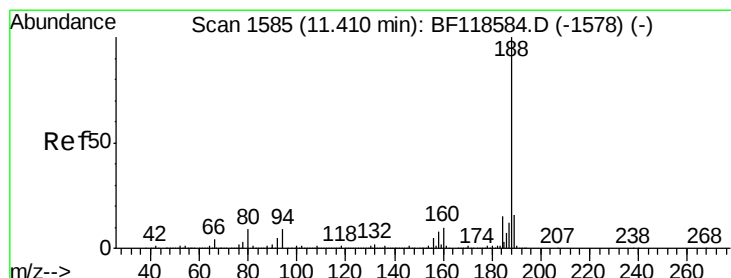
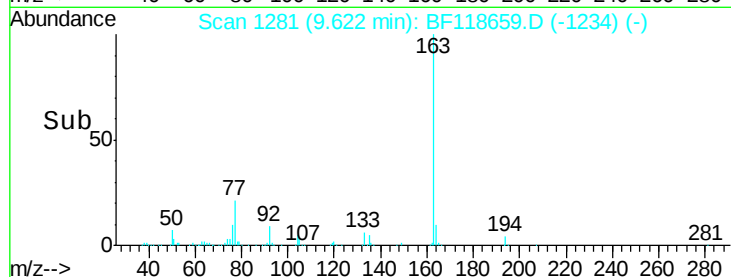
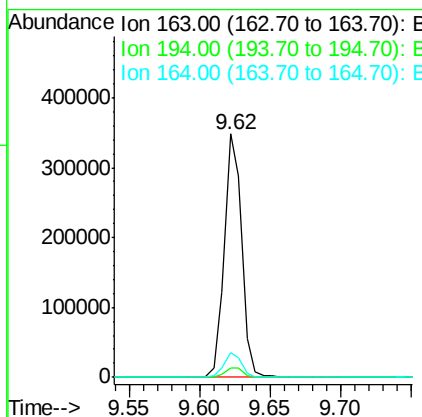
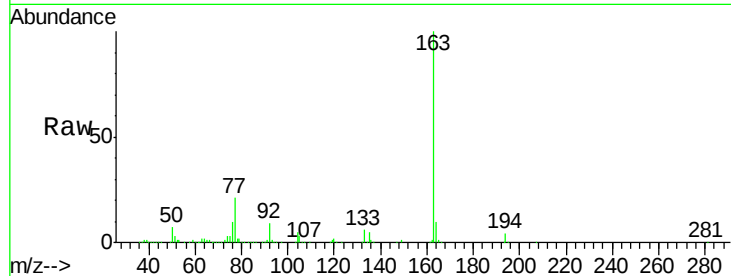
ClientSampleId :

CIY1-SB-01-0-52

Tot Ion:	163	Resp:	298306
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.9	5.9
164	10.3	9.1	13.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

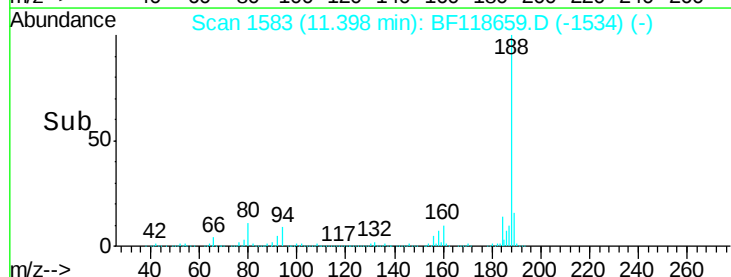
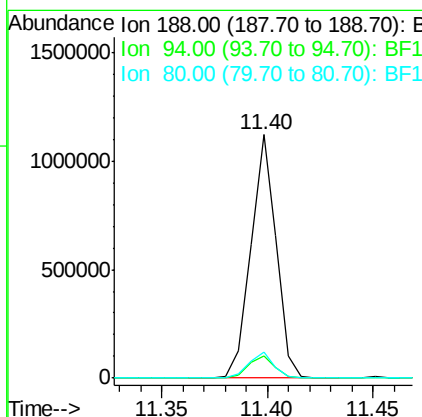
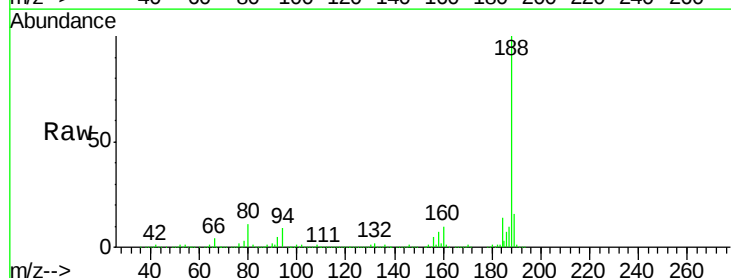
RT: 11.40 min Scan# 1583

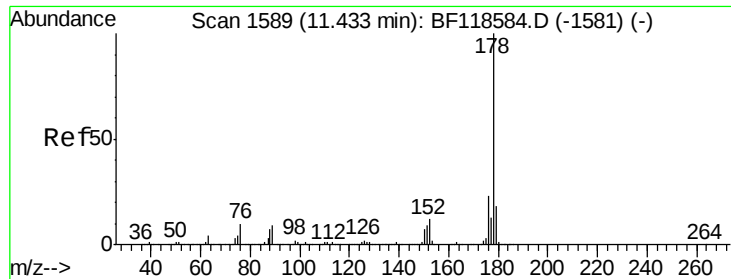
Delta R.T. -0.01 min

Lab File: BF118659.D

Acq: 22 Jan 2020 11:07

Tgt Ion:	188	Resp:	934657
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.1	10.7
80	10.5	7.5	11.3





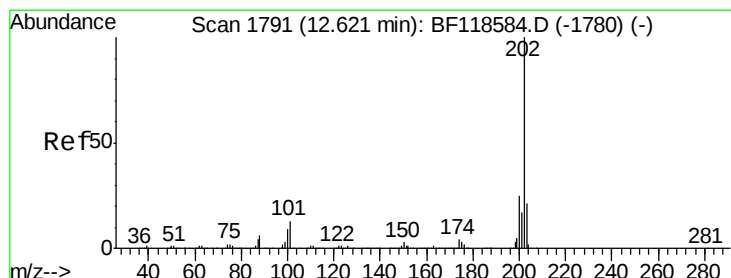
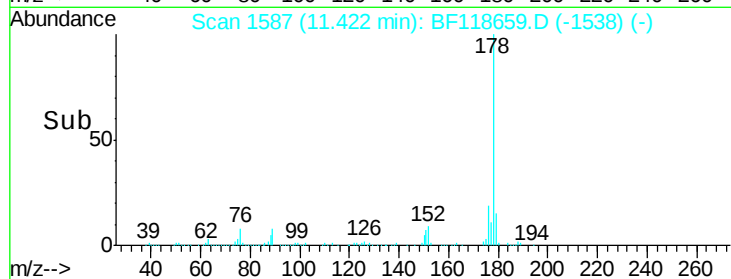
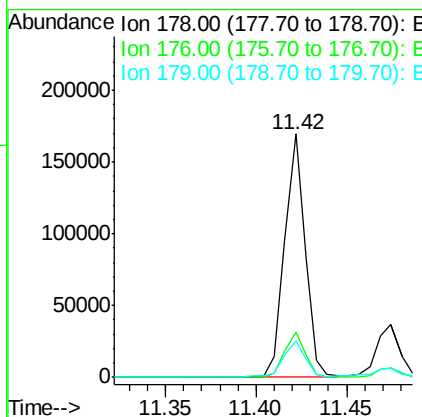
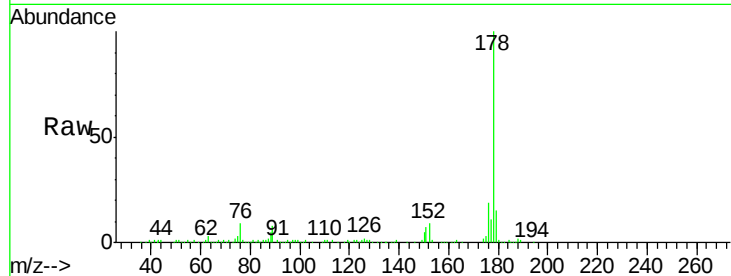
#71
Phenanthrene
Concen: 2.973 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.6	27.8
179	14.9	14.7	22.1

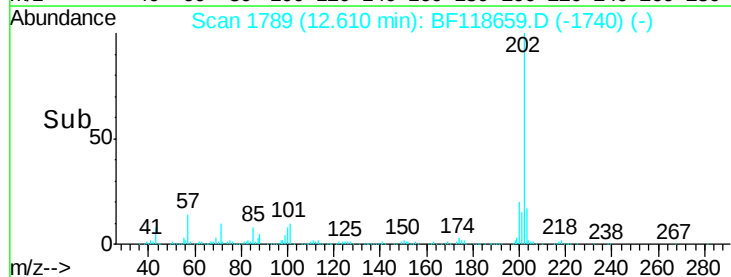
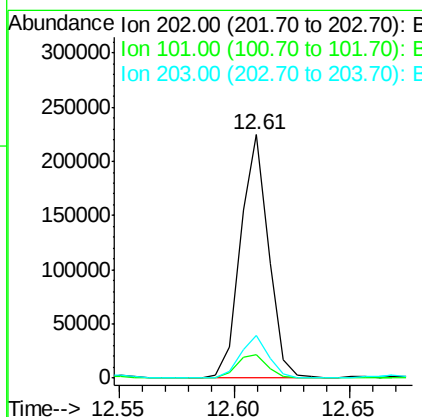
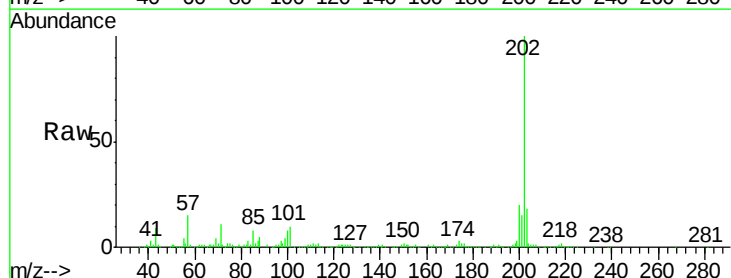
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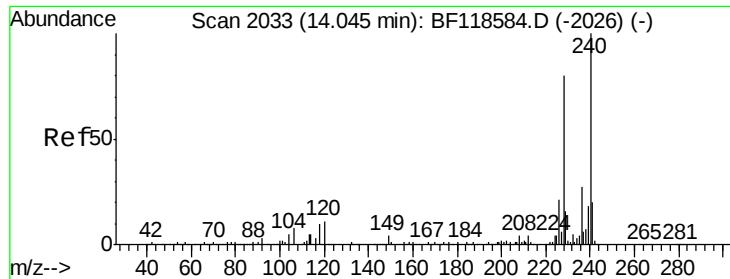
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#75
Fluoranthene
Concen: 3.967 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	32.5
203	17.6	0.8	40.8





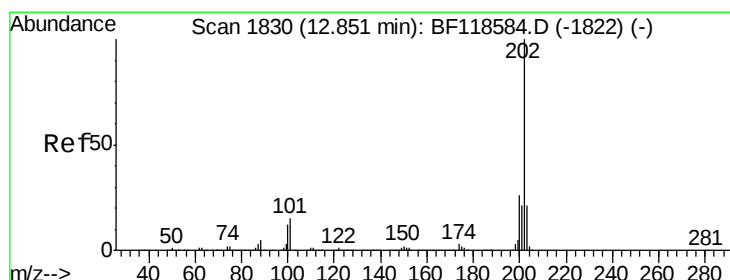
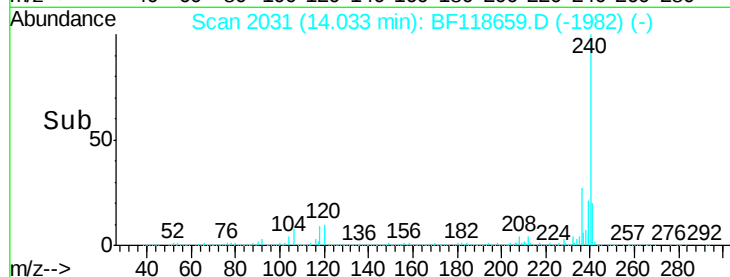
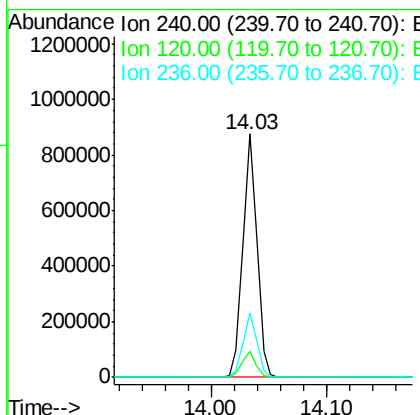
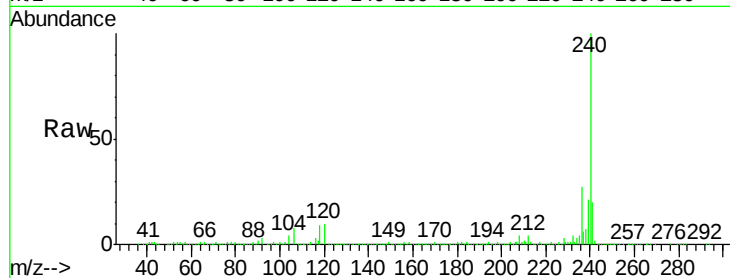
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Resp	Lower	Upper
240	100	755782		
120	10.4	8.9	13.3	
236	26.6	21.5	32.3	

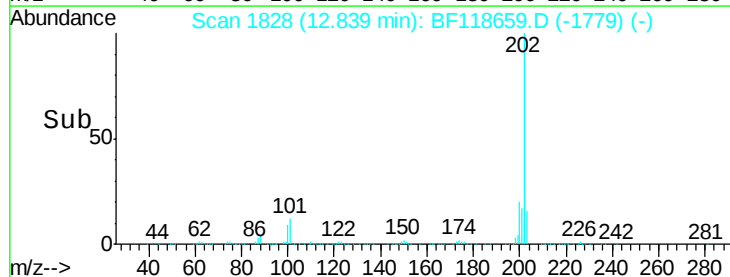
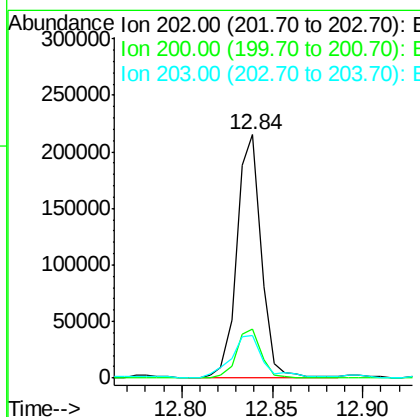
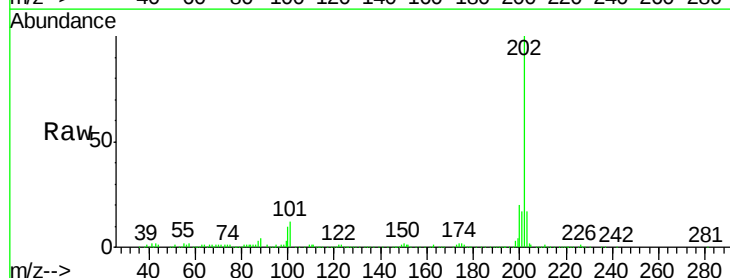
Manual Integrations
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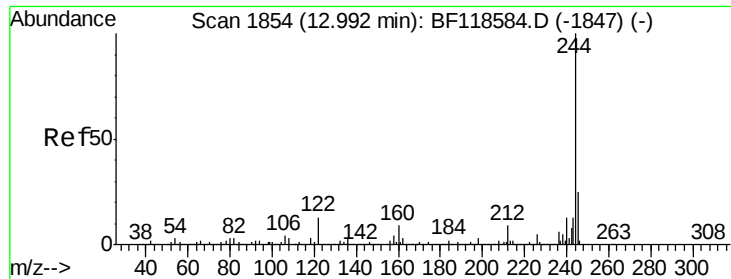
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#78
Pyrene
Concen: 3.897 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199949		
200	20.1	20.6	31.0#	
203	17.4	16.8	25.2	





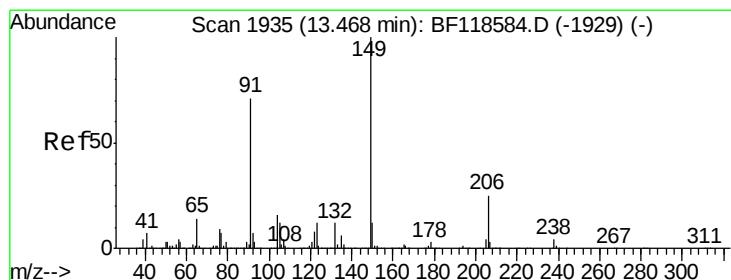
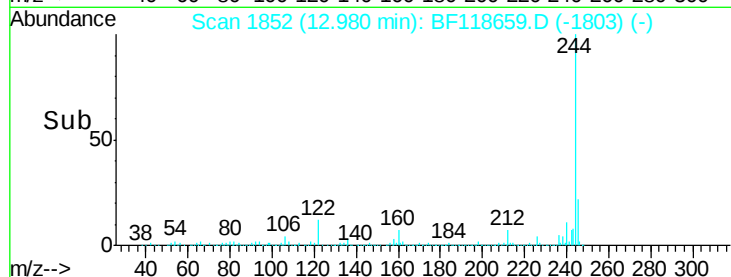
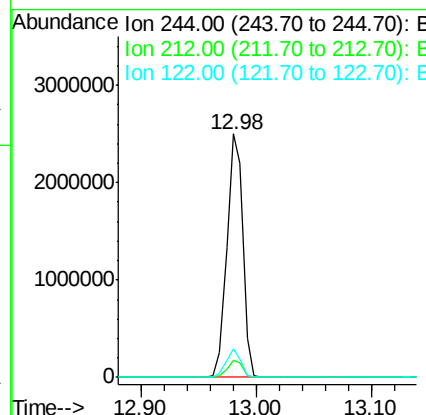
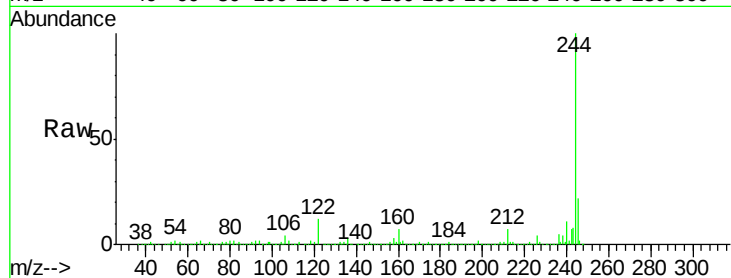
#79
 Terphenyl-d14
 Concen: 68.902 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118659.D
 Acq: 22 Jan 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.0	10.4
122	11.7	10.7	16.1

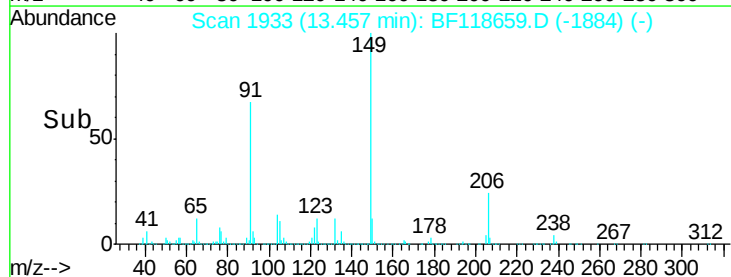
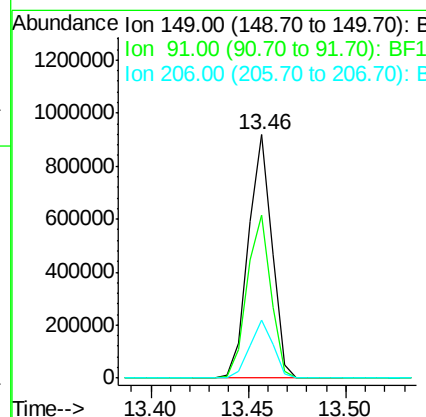
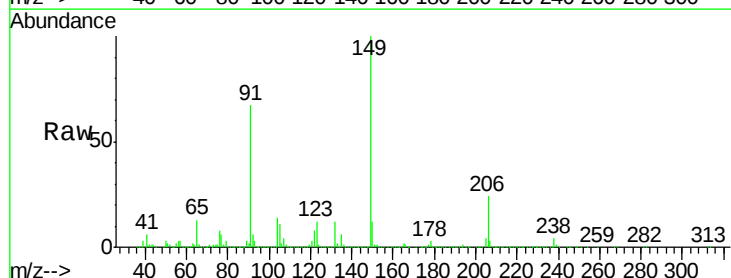
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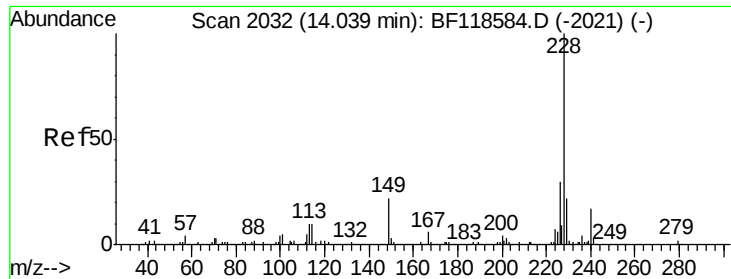
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.475 ng
 RT: 13.46 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BF118659.D
 Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	56.5	84.7
206	23.7	19.9	29.9





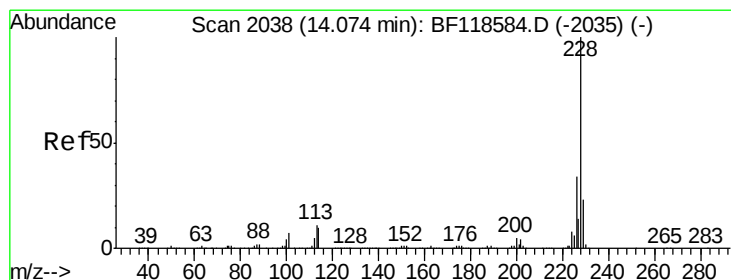
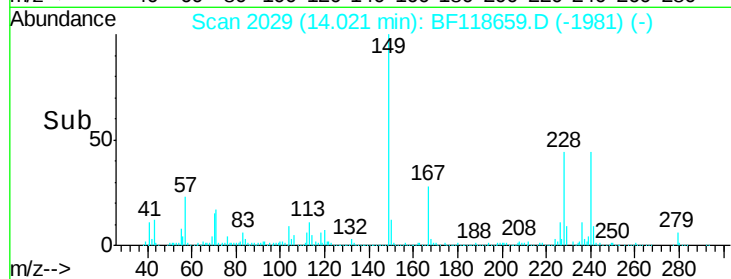
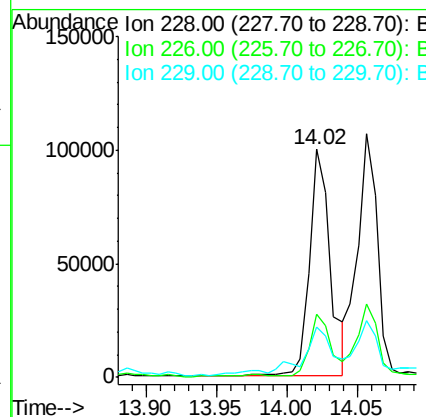
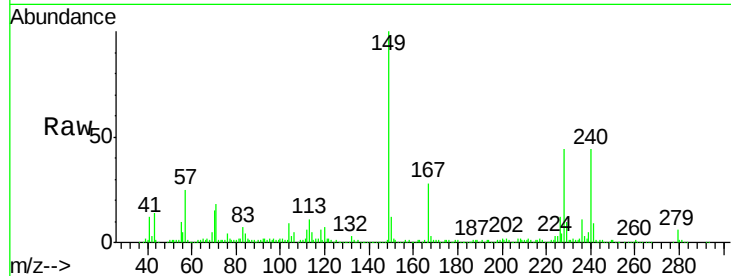
#81
Benzo(a)anthracene
Concen: 2.264 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.1	36.1
229	22.3	17.6	26.4

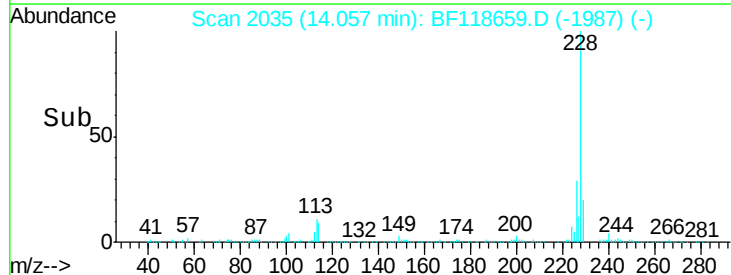
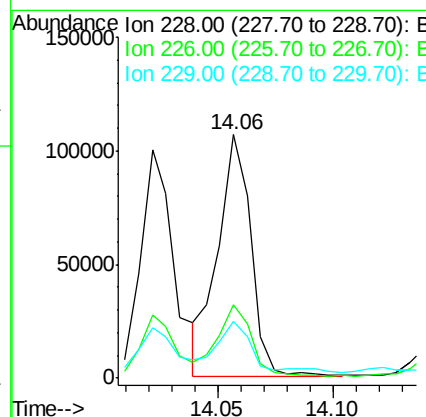
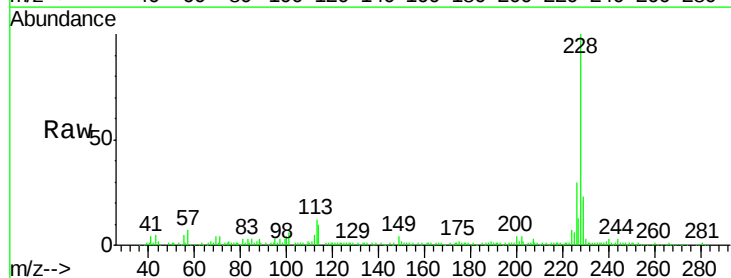
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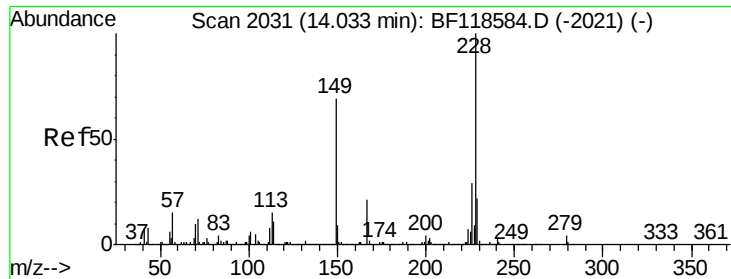
mohammad
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#83
Chrysene
Concen: 2.421 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	27.4	41.0
229	23.2	18.3	27.5





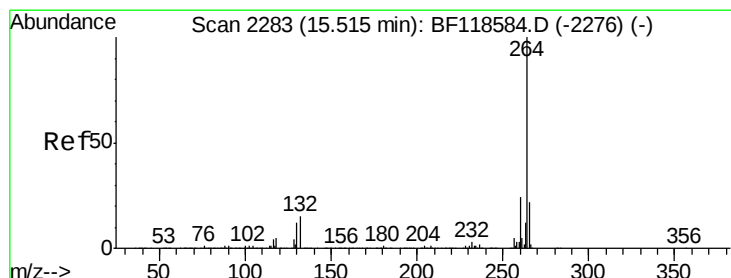
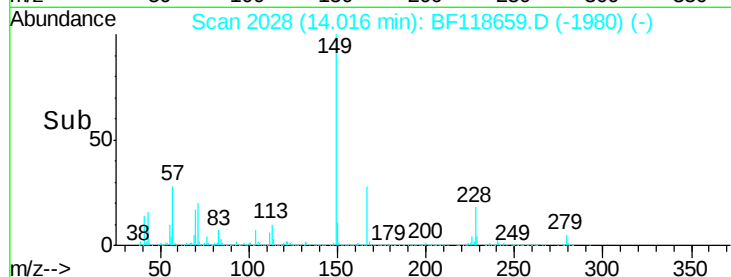
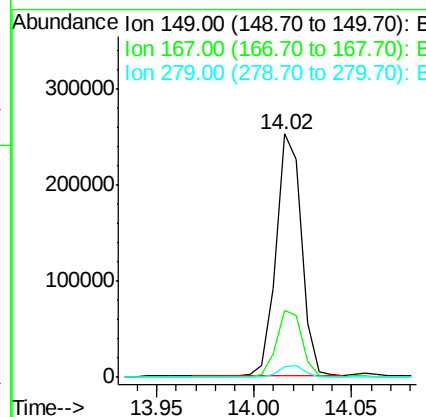
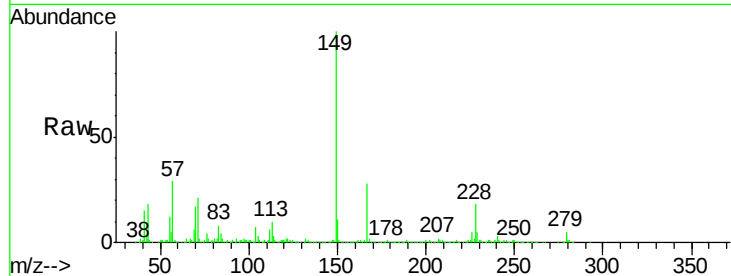
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.920 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.6	24.2	36.4	
279	4.5	5.0	7.4	

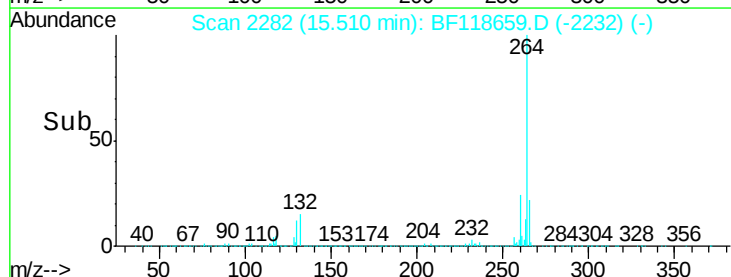
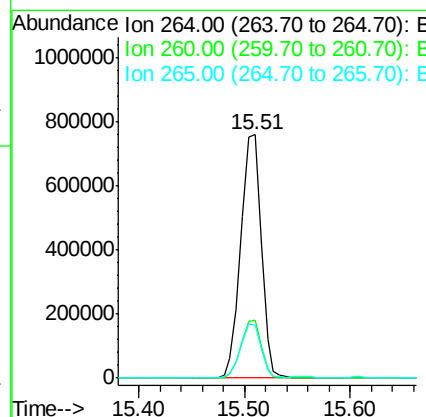
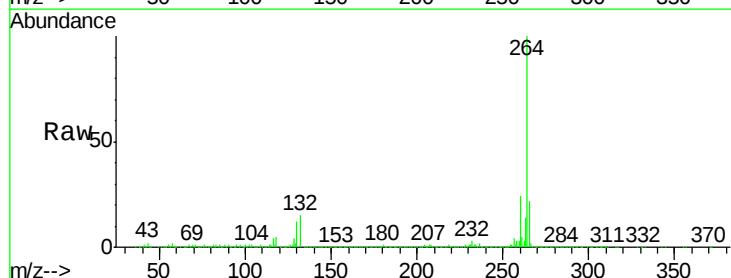
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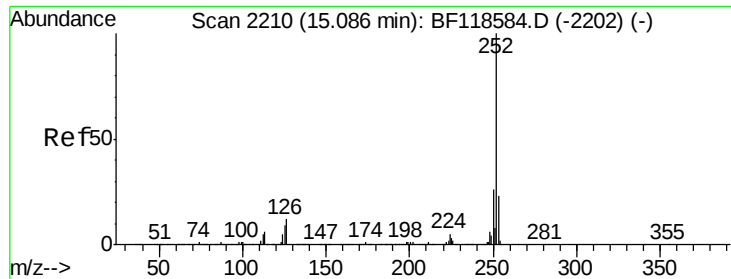
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118659.D
Acq: 22 Jan 2020 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.6	29.4	
265	21.7	17.7	26.5	





#88
 Benzo(b)fluoranthene
 Concen: 2.133 ng m
 RT: 15.07 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BF118659.D
 Acq: 22 Jan 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	10.9	7.3	10.9

Manual Integrations
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