

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118610.D
 Acq On : 21 Jan 2020 00:07
 Operator : CG/JU
 Sample : L1014-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-011720

Manual Integrations
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Quant Time: Jan 21 03:09:58 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	497825	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1706473	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	811527	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1200484	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	973544	20.00	ng	0.00
87) Perylene-d12	15.52	264	940594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2641613	98.55	ng	0.00
7) Phenol-d6	6.50	99	3391123	97.34	ng	0.00
23) Nitrobenzene-d5	7.44	82	2107458	69.08	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	771629	82.21	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3503084	70.95	ng	0.00
79) Terphenyl-d14	12.99	244	3142970	70.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	242607	4.589	ng	97
71) Phenanthrene	11.42	178	956621	16.517	ng	94
72) Anthracene	11.47	178	253304	4.420	ng	92
75) Fluoranthene	12.62	202	1960220	32.090	ng	95
78) Pyrene	12.84	202	1840982	27.854	ng	94
81) Benzo(a)anthracene	14.03	228	1128093	19.263	ng	99
83) Chrysene	14.06	228	966741	17.224	ng	97
86) Indeno(1,2,3-cd)pyrene	16.98	276	405984	8.325	ng	96
88) Benzo(b)fluoranthene	15.08	252	1138995m	19.265	ng	
89) Benzo(k)fluoranthene	15.10	252	391955m	7.156	ng	
90) Benzo(a)pyrene	15.45	252	758939	14.881	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	103415	2.292	ng	# 86
92) Benzo(a,h,i)perylene	17.43	276	369856	8.444	ng	98

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

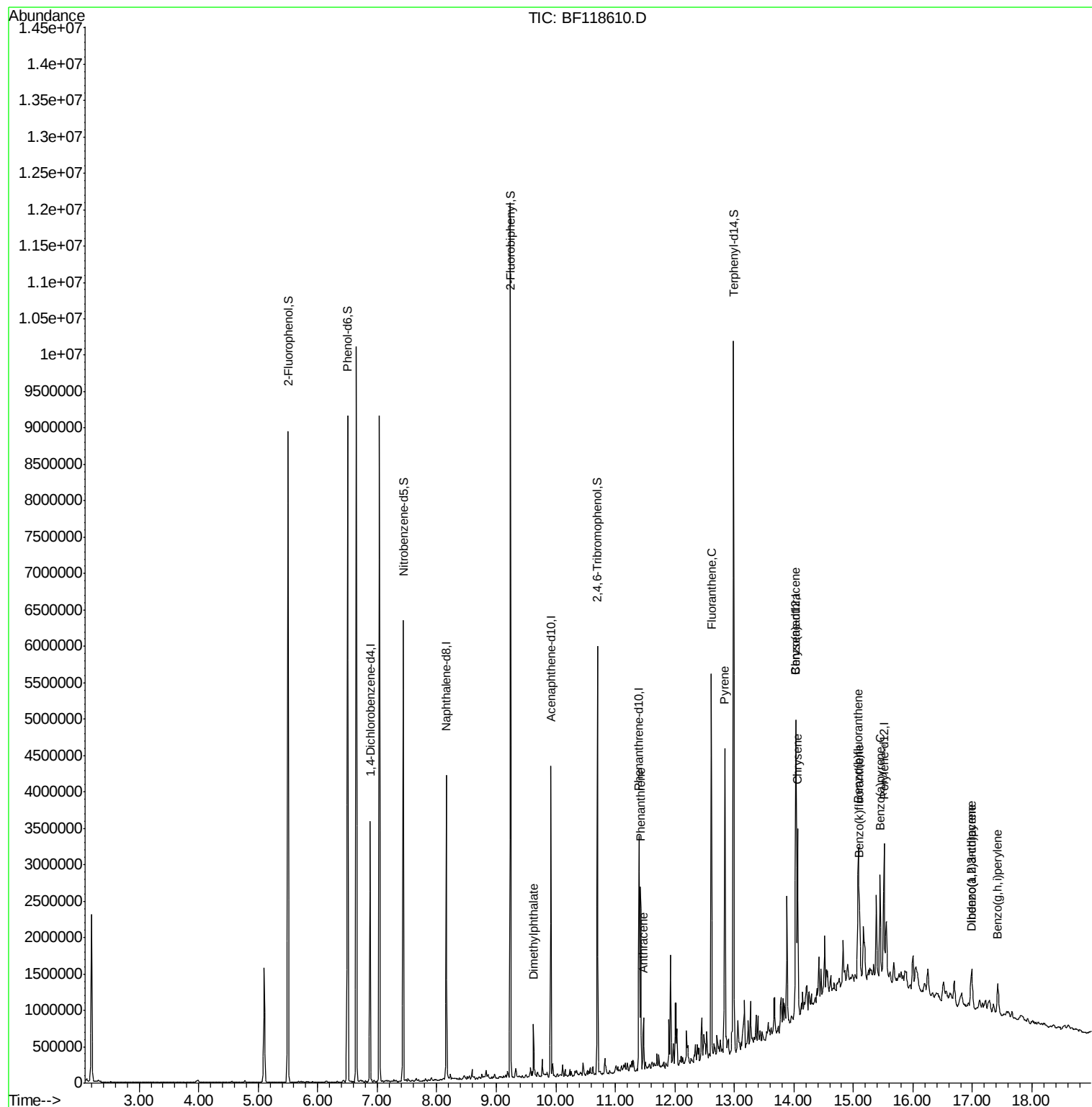
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118610.D
Acq On : 21 Jan 2020 00:07
Operator : CG/JU
Sample : L1014-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

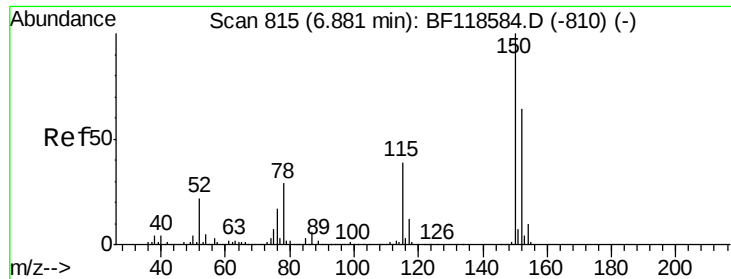
Instrument :
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Quant Time: Jan 21 03:09:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

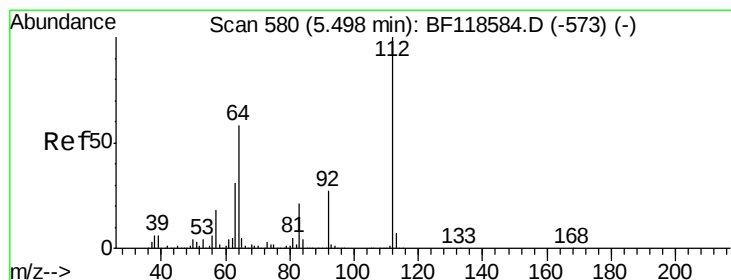
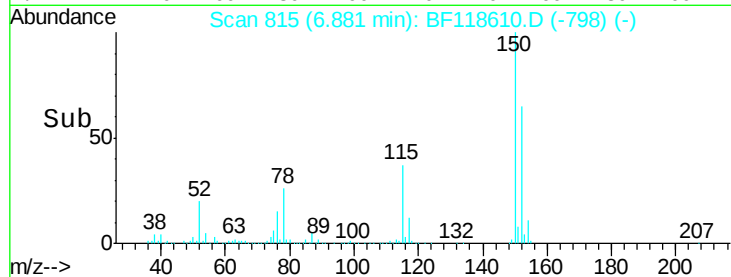
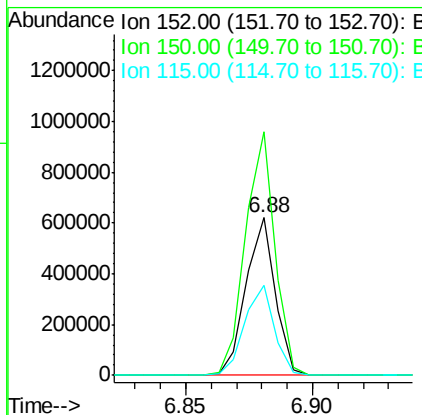
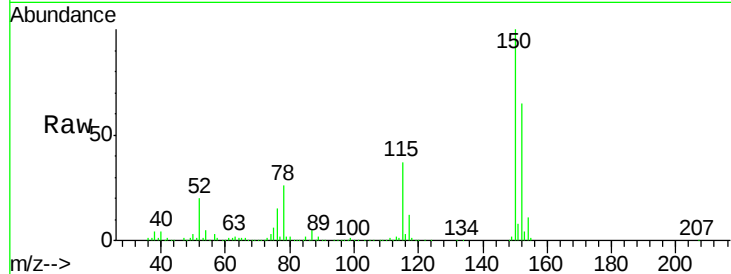
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.6	188.4
115	57.3	48.4	72.6

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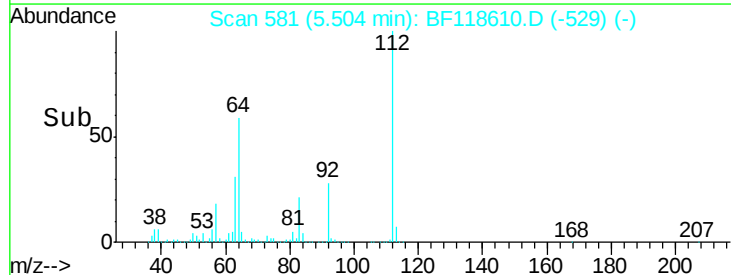
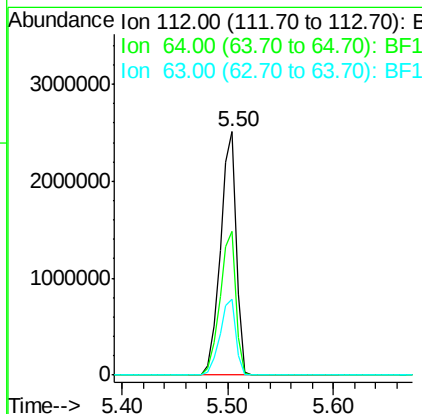
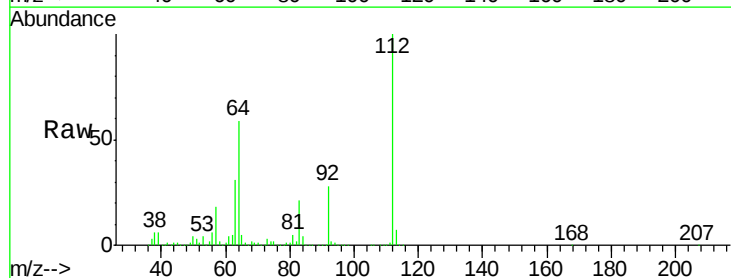
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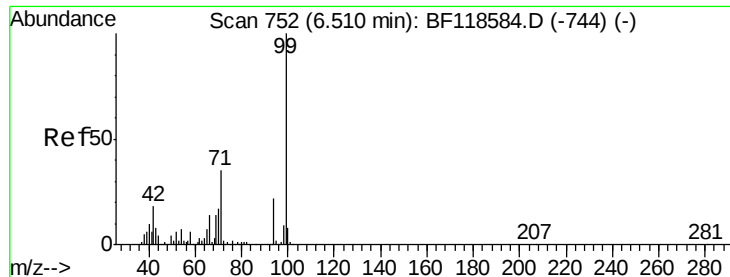


#5

2-Fluorophenol
Concen: 98.552 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.6	70.0
63	31.2	25.1	37.7





#7

Phenol-d6

Concen: 97.338 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118610.D

Acq: 21 Jan 2020 00:07

Instrument :

BNA_F

ClientSampleId :

OR-02-011720

Tot Ion: 99 Resp: 3391123

Ion Ratio Lower Upper

99 100

42 19.1 14.2 21.2

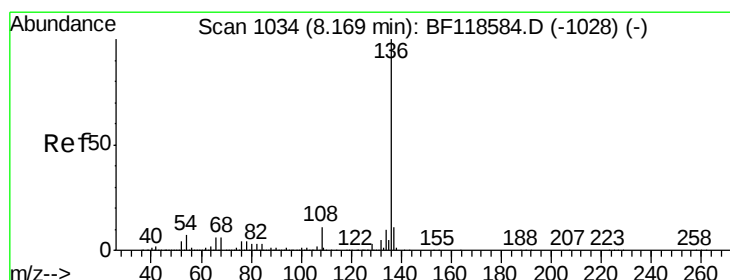
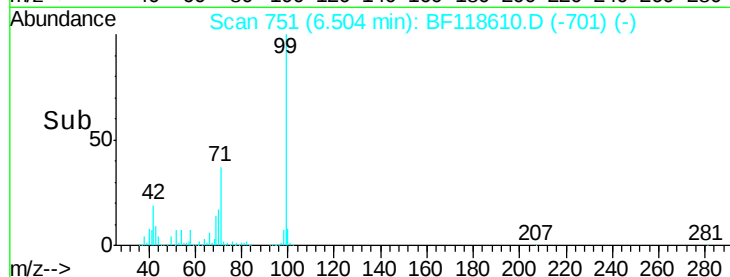
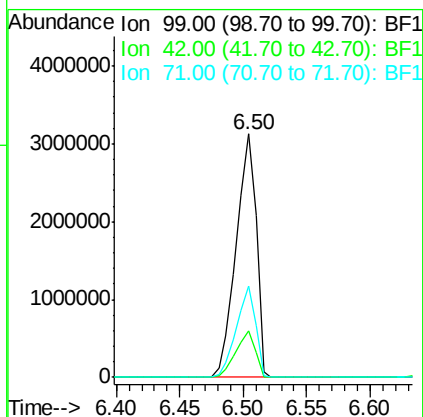
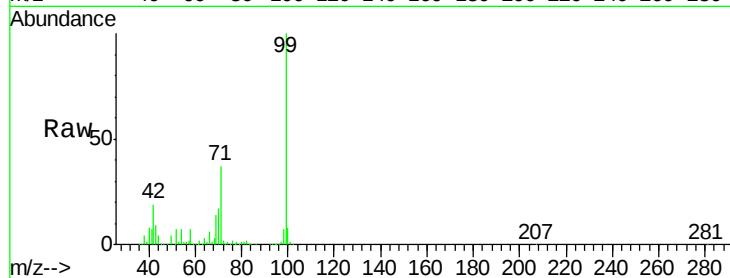
71 37.3 27.8 41.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118610.D

Acq: 21 Jan 2020 00:07

Tgt Ion: 136 Resp: 1706473

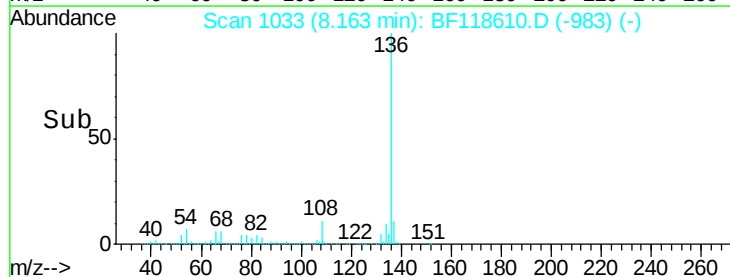
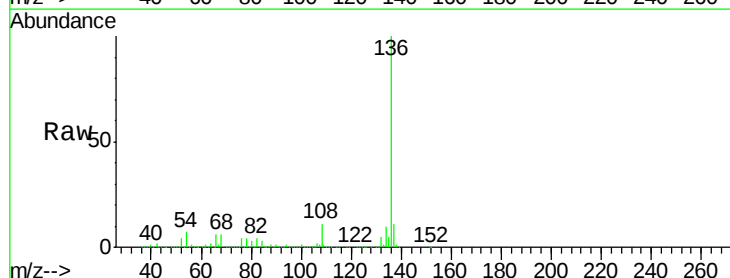
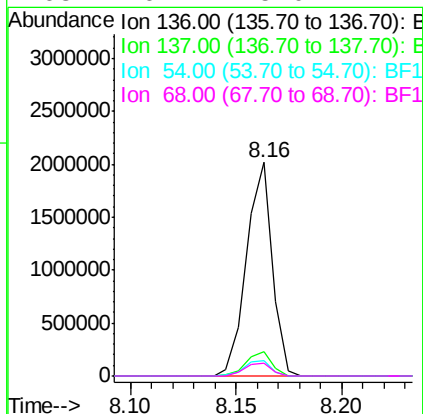
Ion Ratio Lower Upper

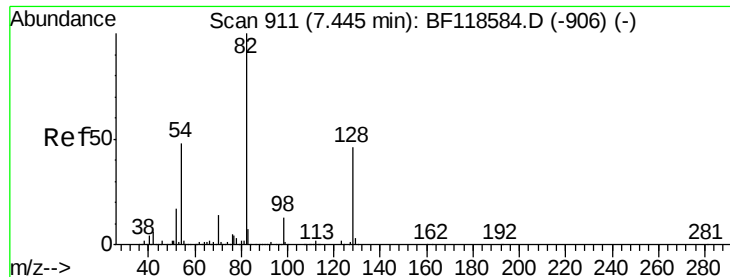
136 100

137 11.5 9.1 13.7

54 7.2 5.8 8.6

68 6.2 5.0 7.4





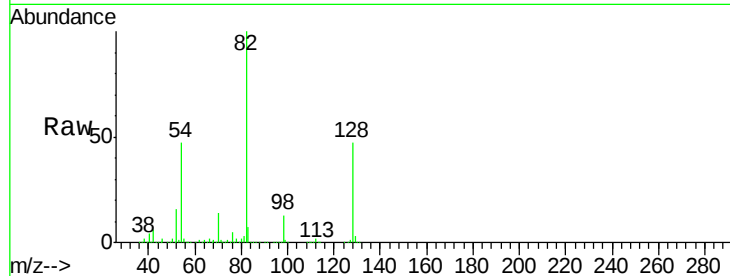
#23
Nitrobenzene-d5
Concen: 69.077 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

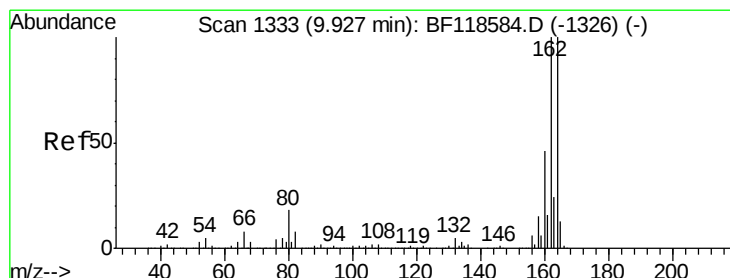
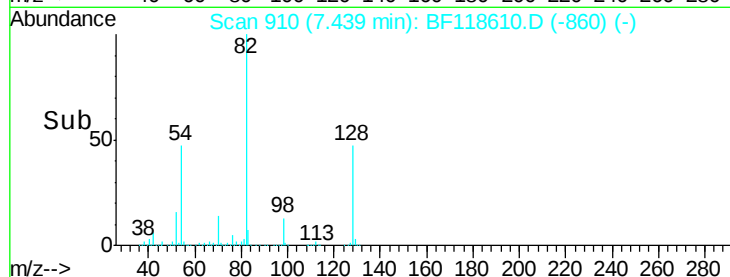
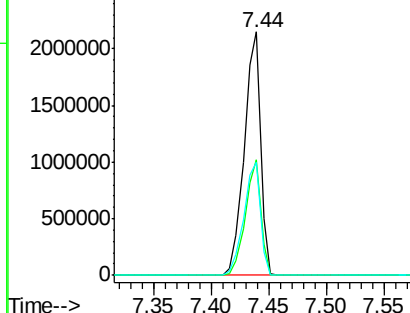
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.6	54.8
54	46.7	38.0	57.0

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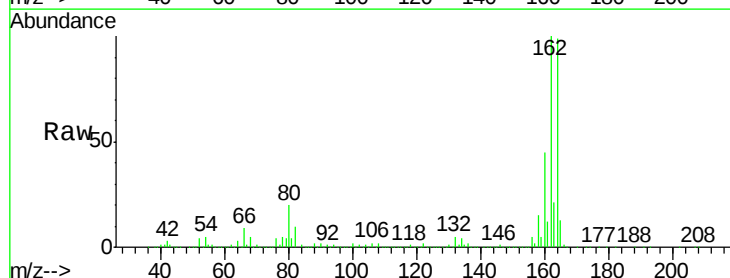


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

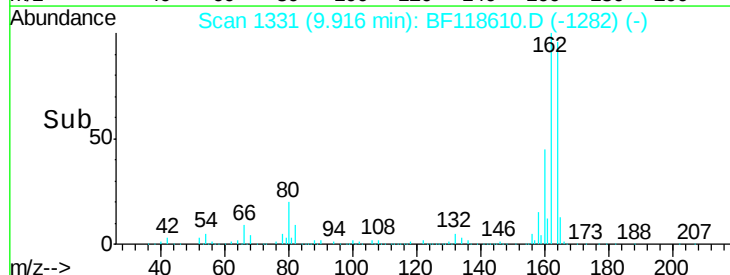
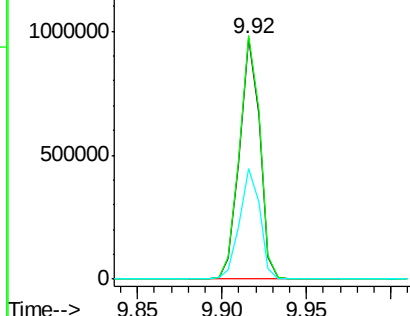


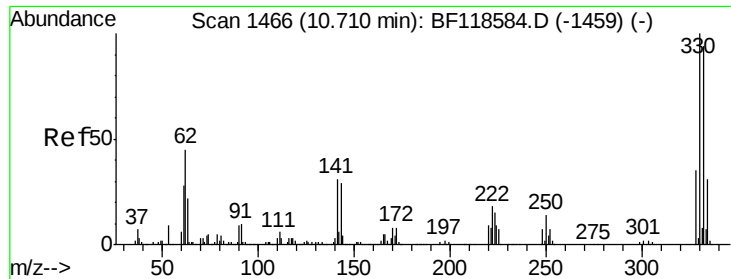
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.4	120.6
160	45.7	36.6	55.0



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





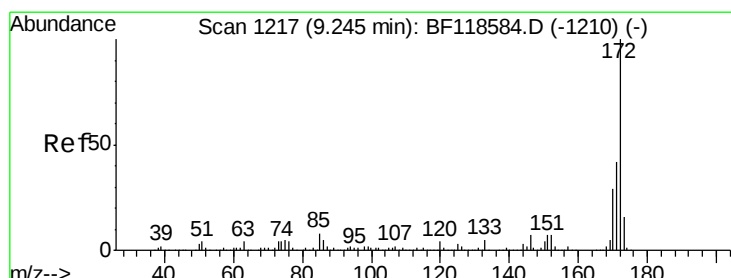
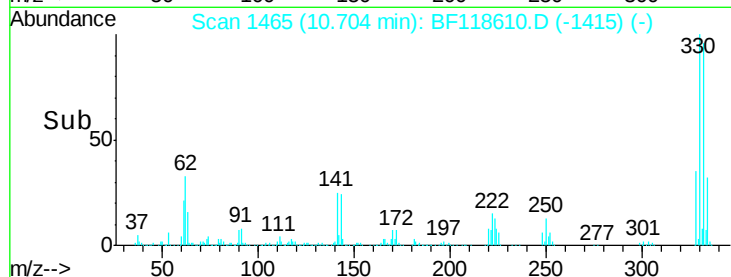
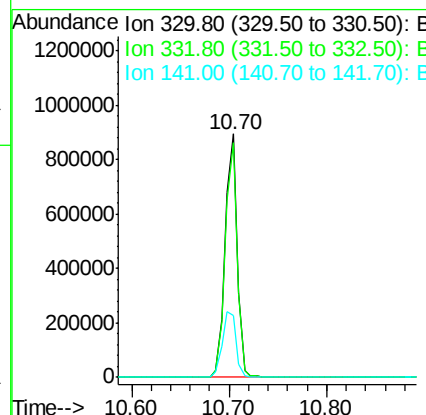
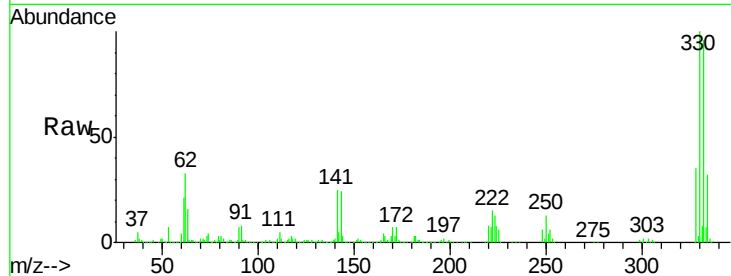
#42
 2,4,6-Tribromophenol
 Concen: 82.208 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118610.D
 Acq: 21 Jan 2020 00:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-011720

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	30.0	23.9	35.9

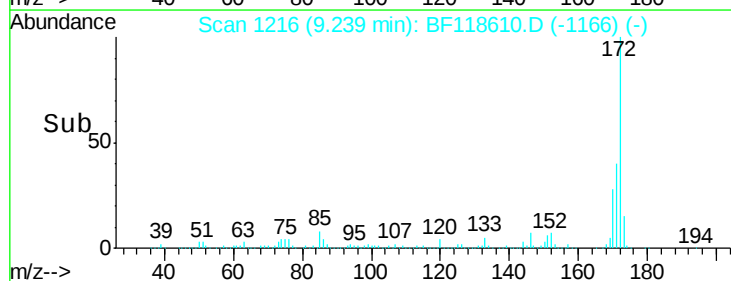
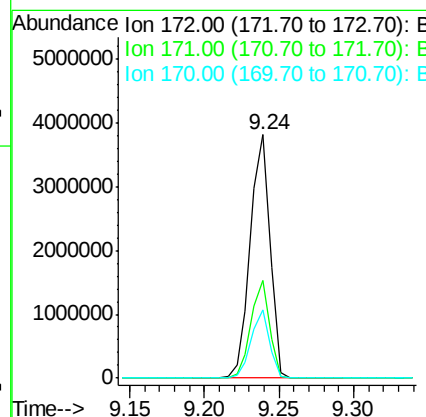
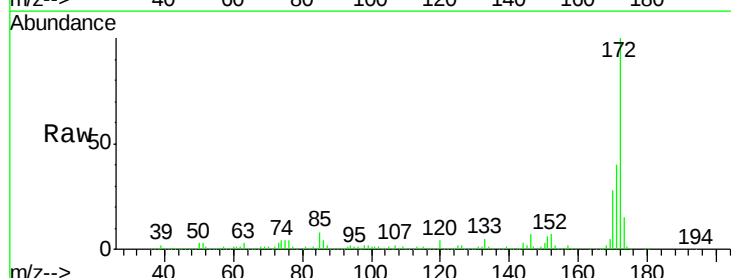
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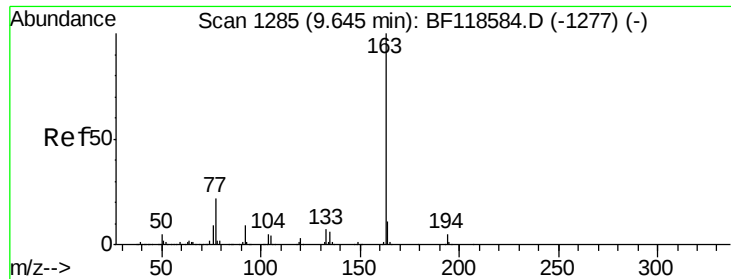
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#45
 2-Fluorobiphenyl
 Concen: 70.949 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118610.D
 Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.3	33.4	50.2
170	27.9	23.2	34.8





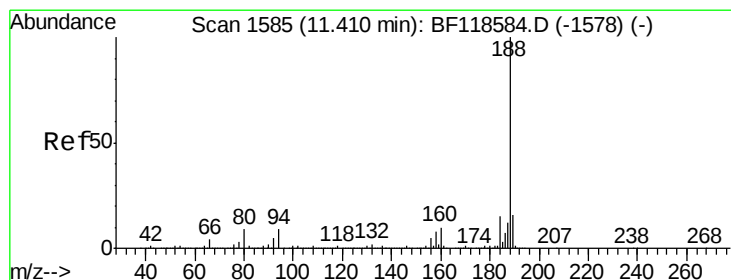
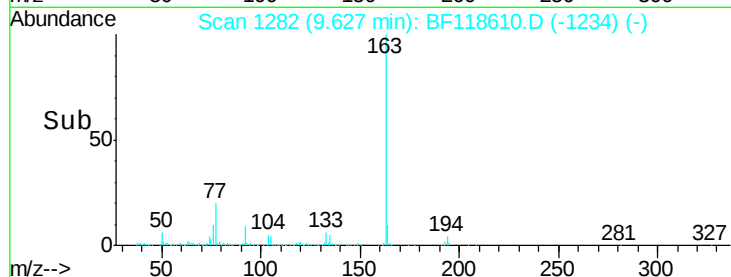
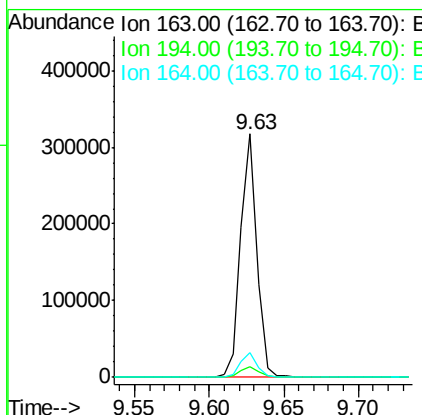
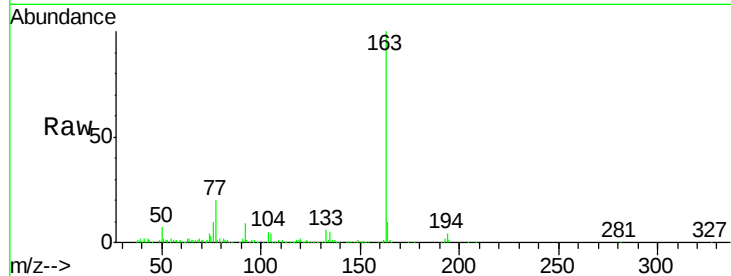
#50
Dimethylphthalate
Concen: 4.589 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Resp	Lower	Upper
163	100	242607		
194	4.2		3.9	5.9
164	10.1		9.1	13.7

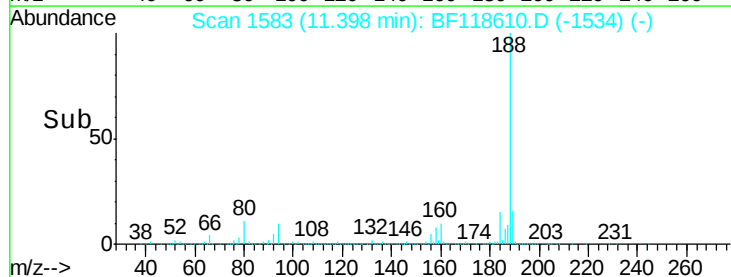
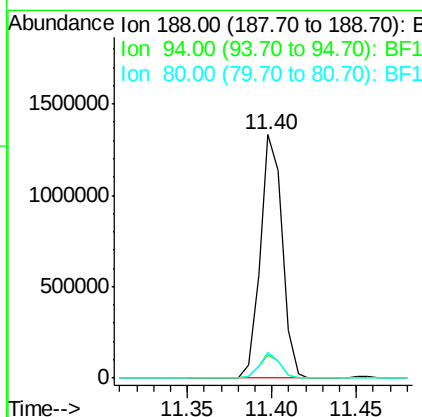
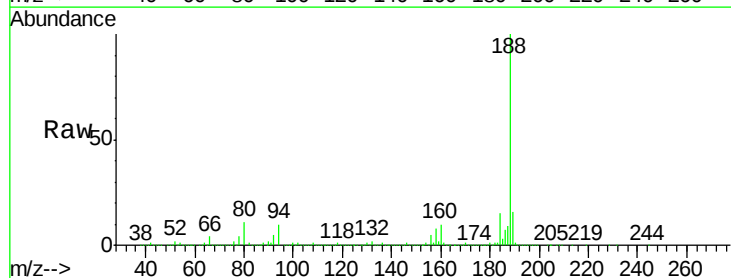
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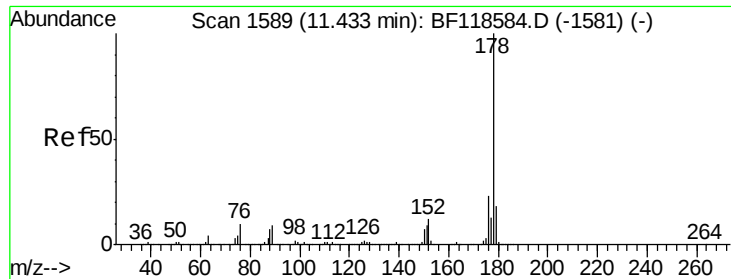
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1200484		
94	9.7		7.1	10.7
80	10.6		7.5	11.3





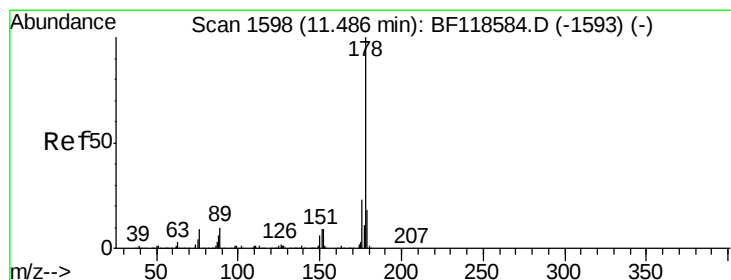
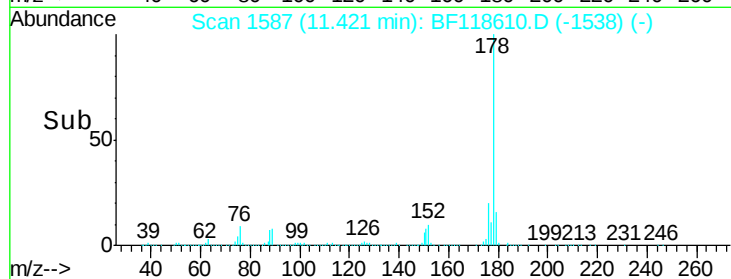
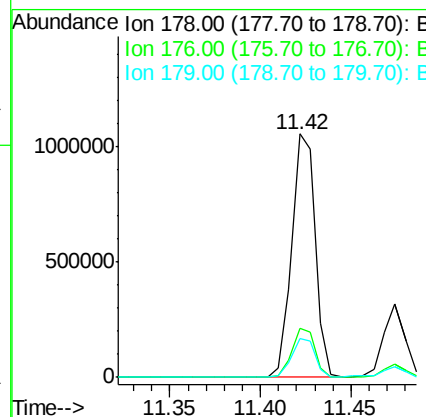
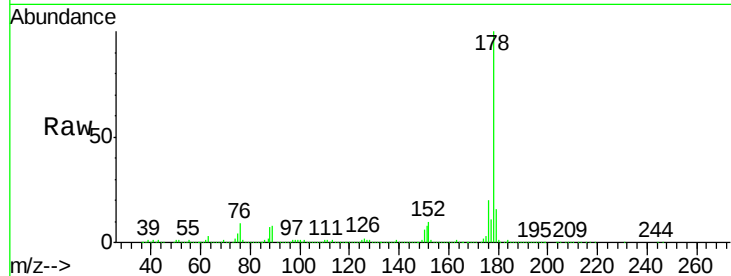
#71
Phenanthrene
Concen: 16.517 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	18.6	27.8
179	15.9	14.7	22.1

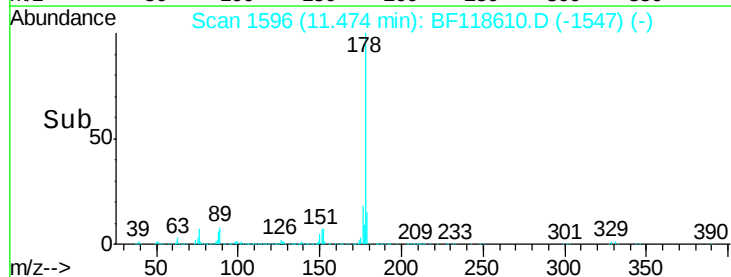
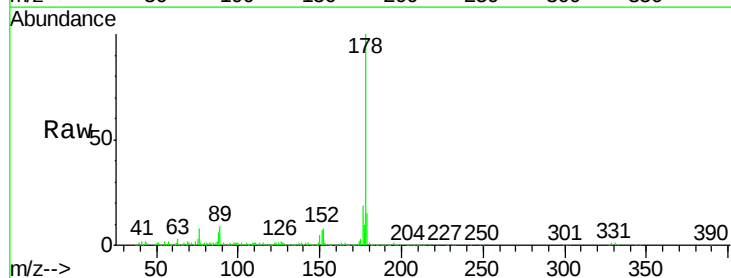
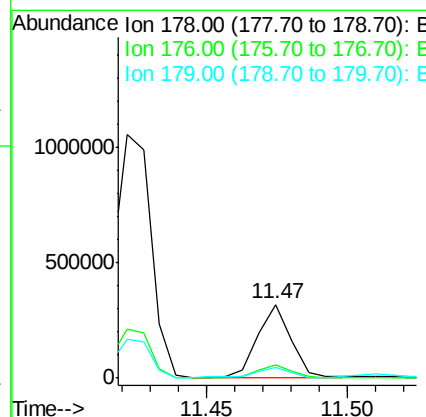
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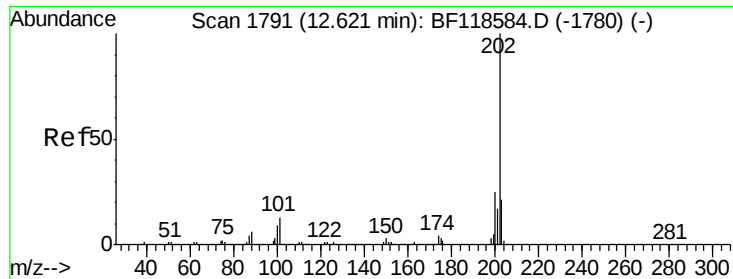
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#72
Anthracene
Concen: 4.420 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.0	27.0
179	15.1	14.7	22.1





#75

Fluoranthene

Concen: 32.090 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118610.D

Acq: 21 Jan 2020 00:07

Instrument :

BNA_F

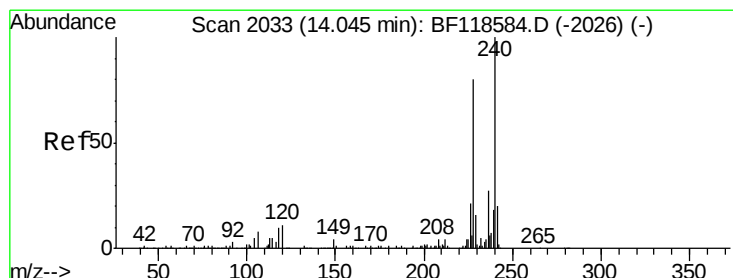
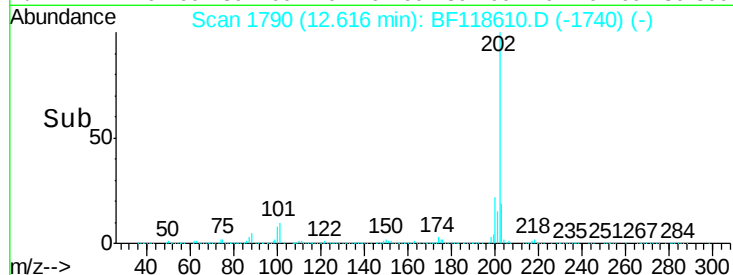
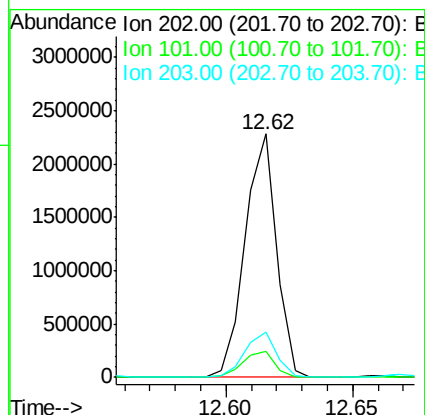
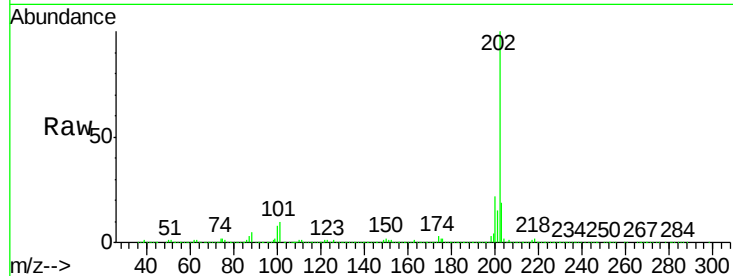
ClientSampleId :

OR-02-011720

Tot Ion:	202	Resp:	1960220
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	32.5
203	18.7	0.8	40.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

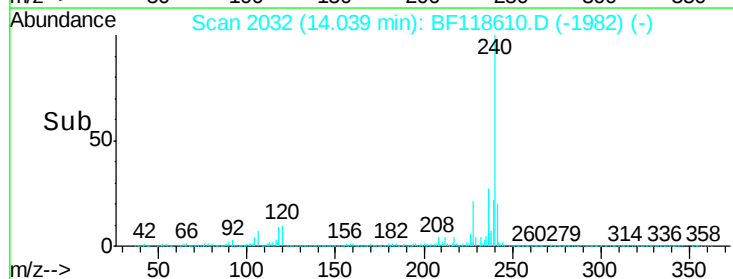
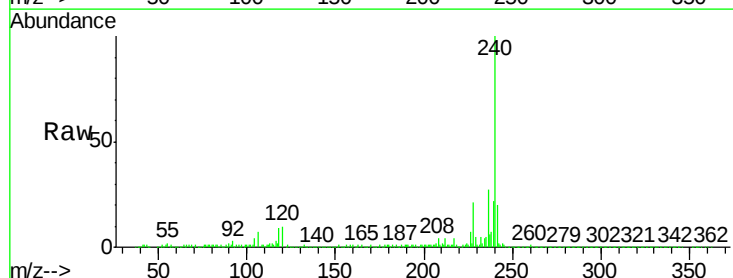
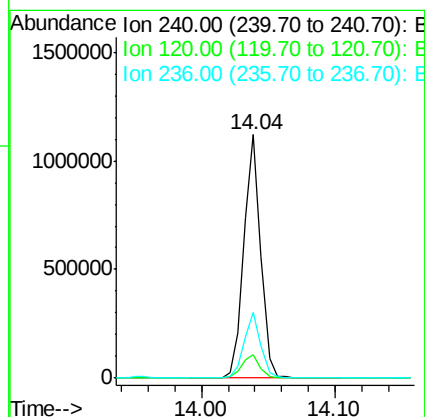
RT: 14.04 min Scan# 2032

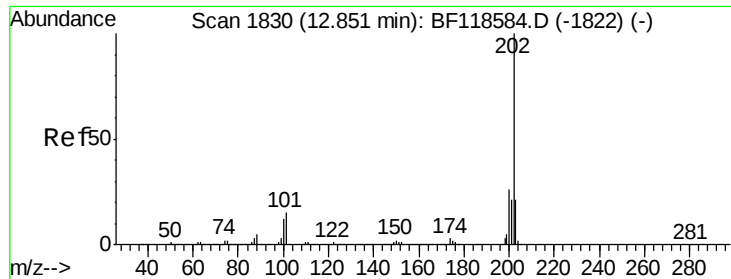
Delta R.T. -0.01 min

Lab File: BF118610.D

Acq: 21 Jan 2020 00:07

Tgt Ion:	240	Resp:	973544
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.9	13.3
236	26.9	21.5	32.3





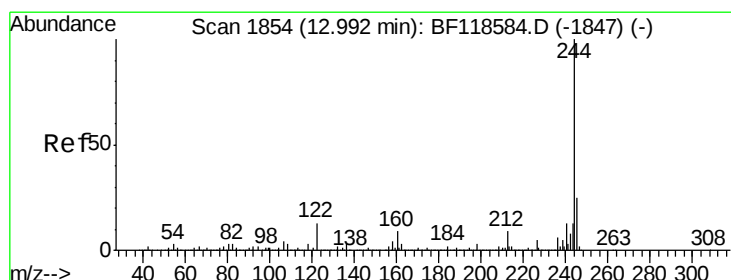
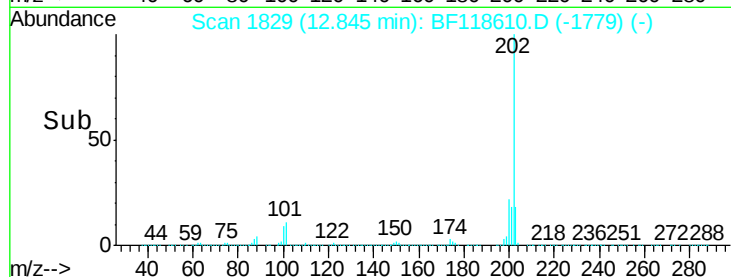
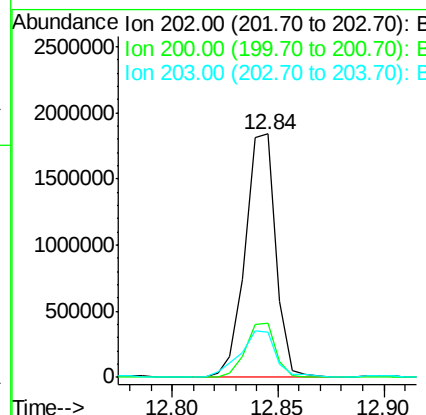
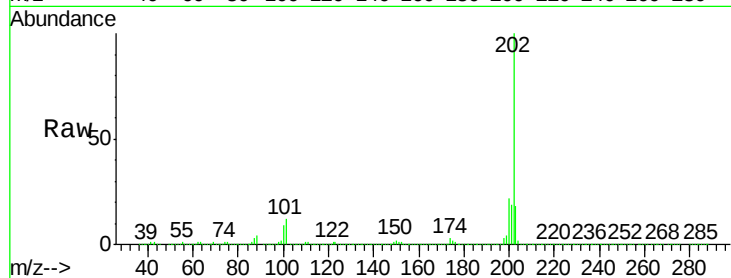
#78
Pvrene
Concen: 27.854 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	20.6	31.0
203	18.3	16.8	25.2

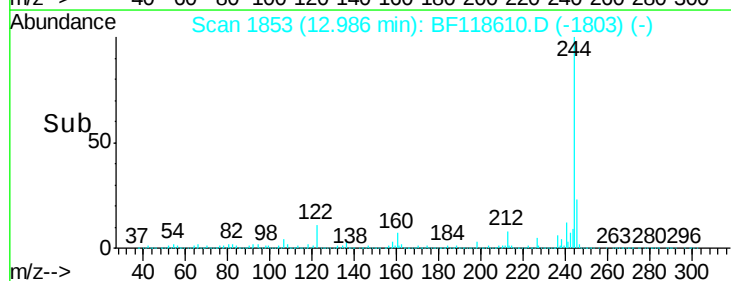
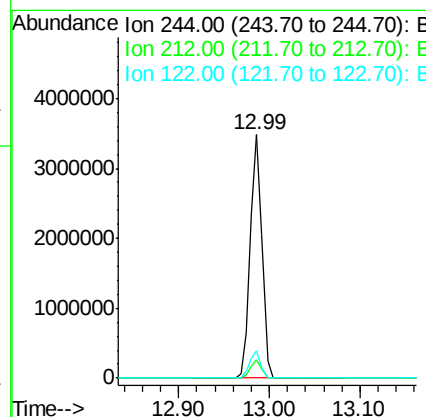
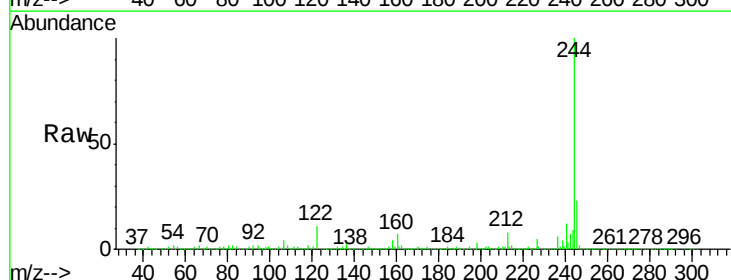
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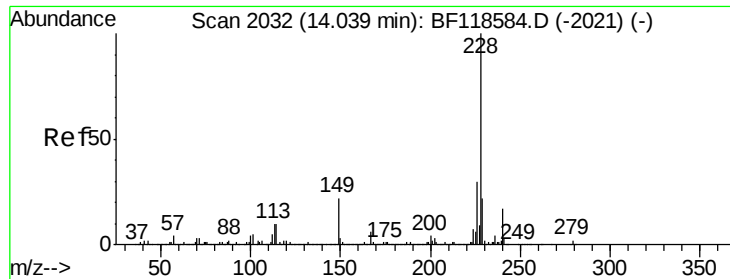
mohammad
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#79
Terphenyl-d14
Concen: 70.414 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.4
122	11.2	10.7	16.1





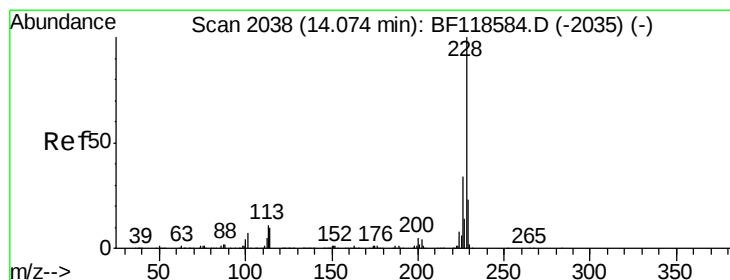
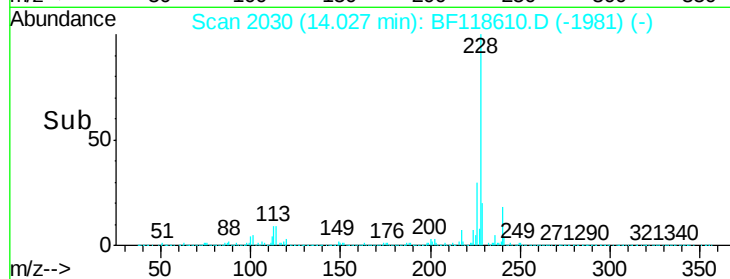
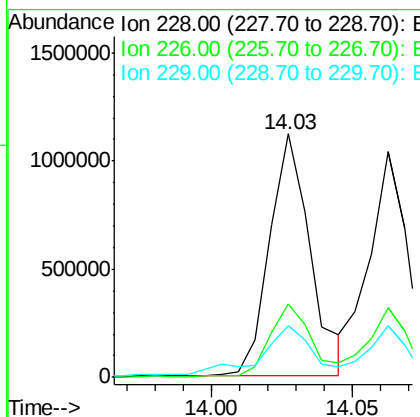
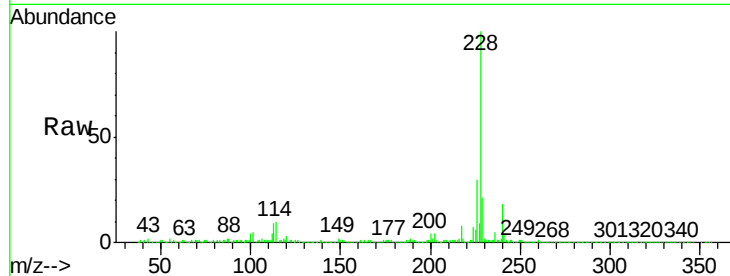
#81
Benzo(a)anthracene
Concen: 19.263 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion:228 Resp: 1128093
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 21.3 17.6 26.4

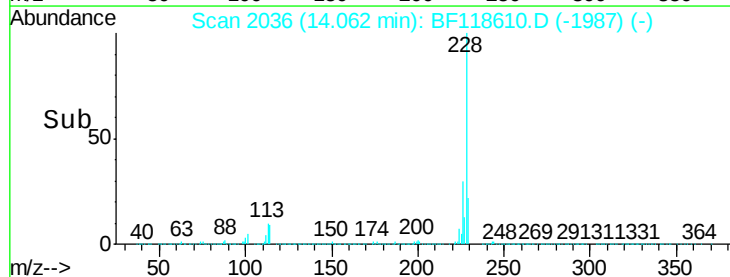
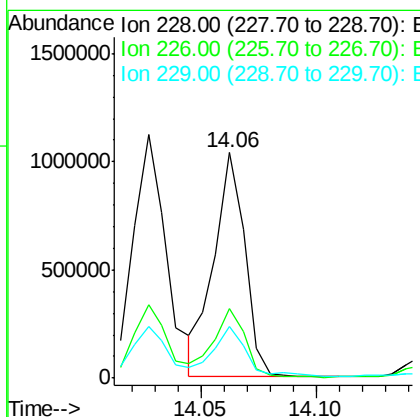
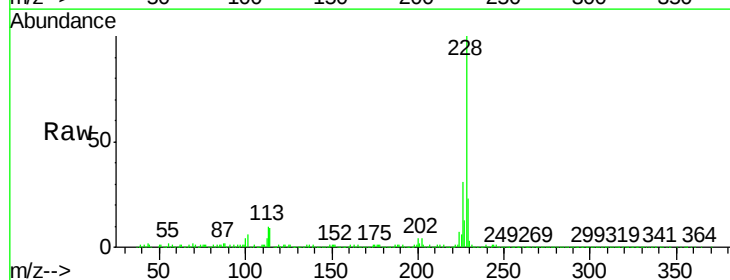
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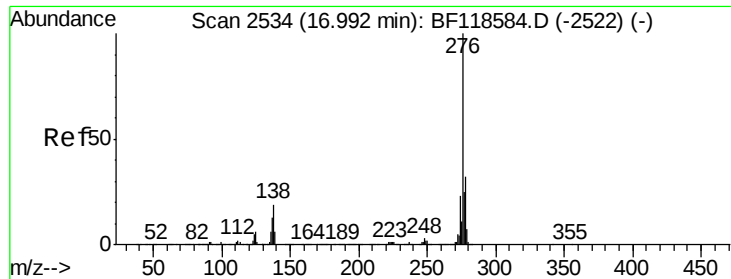
mohammad
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#83
Chrysene
Concen: 17.224 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion:228 Resp: 966741
Ion Ratio Lower Upper
228 100
226 31.1 27.4 41.0
229 23.1 18.3 27.5





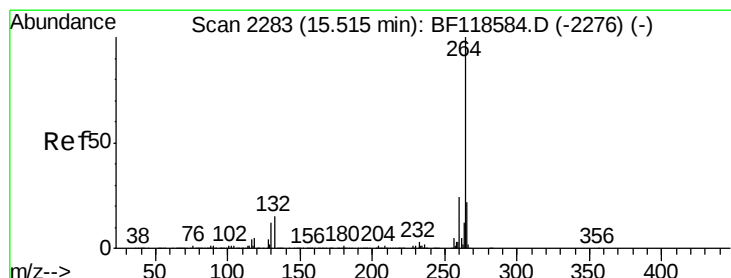
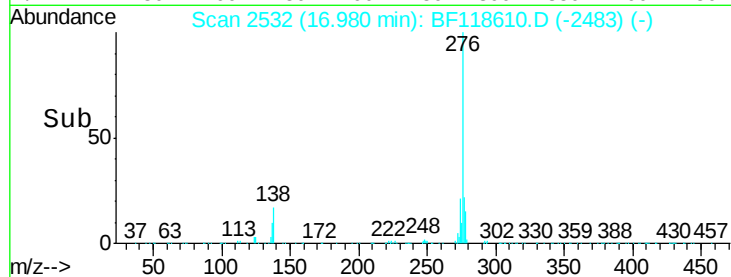
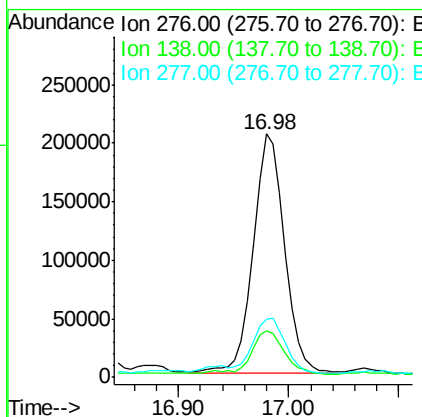
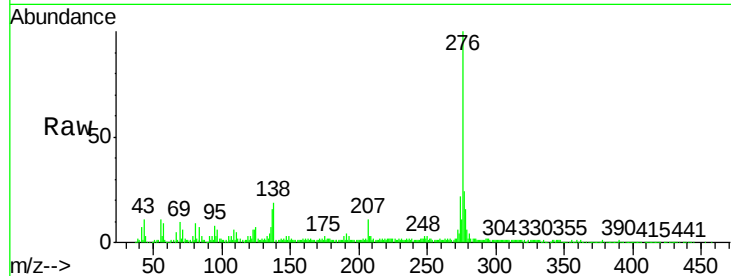
#86
Indeno(1,2,3-cd)pyrene
Concen: 8.325 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.2	25.8
277	24.1	20.5	30.7

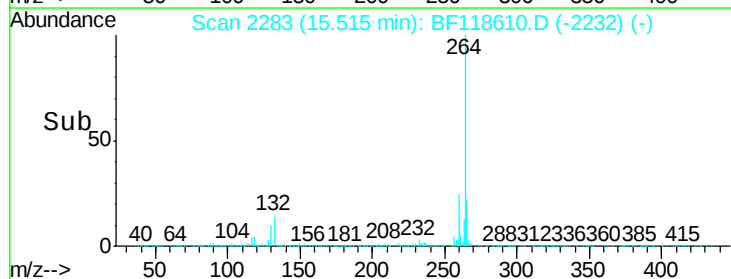
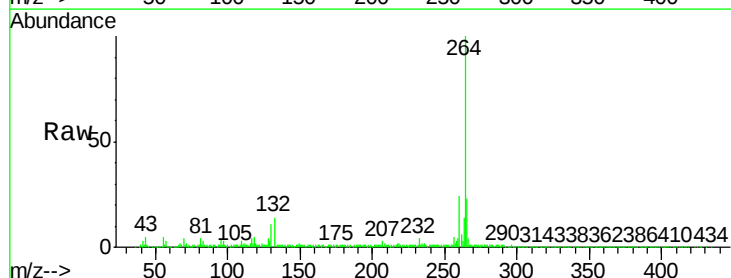
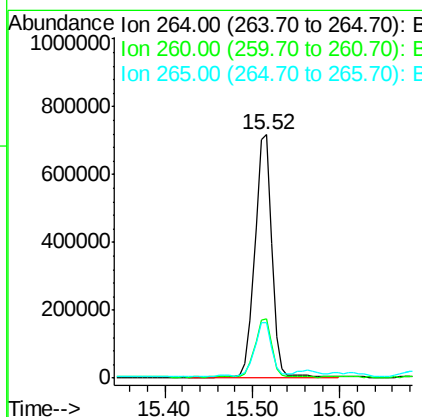
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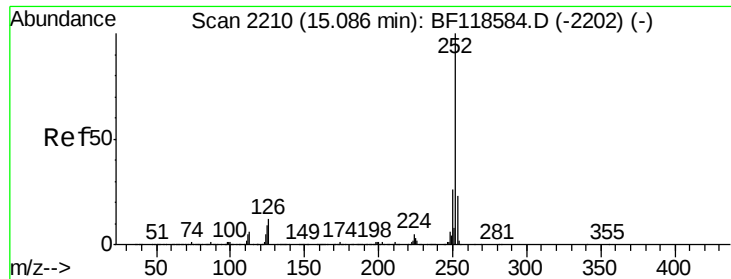
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.9	17.7	26.5





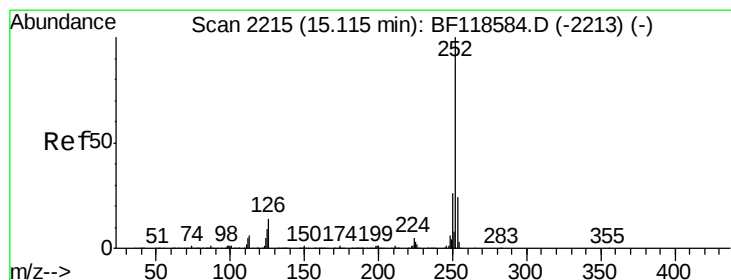
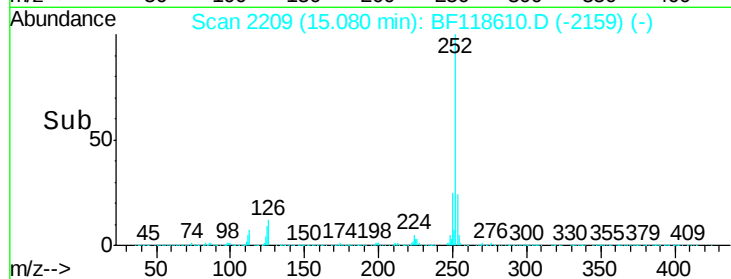
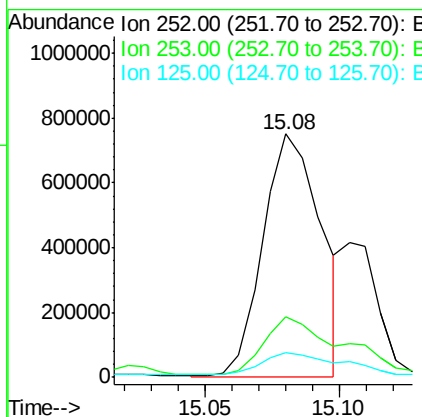
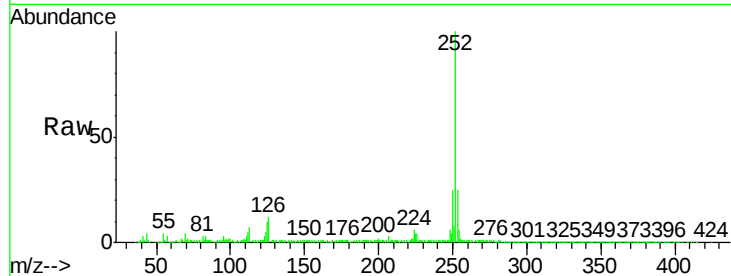
#88
Benzo(b)fluoranthene
Concen: 19.265 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	10.2	7.3	10.9

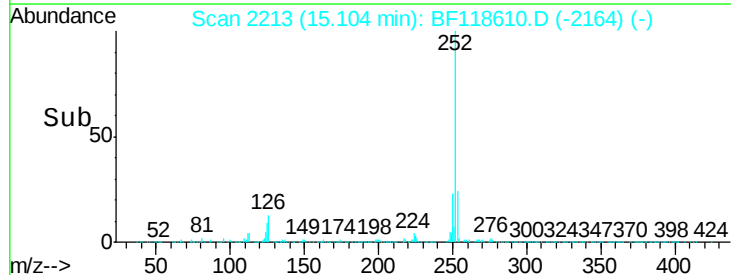
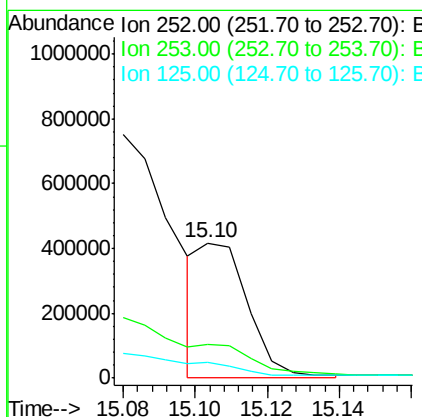
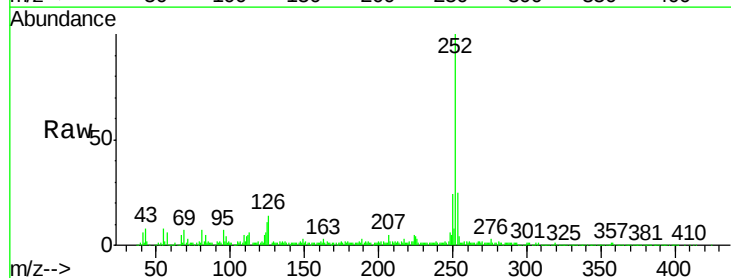
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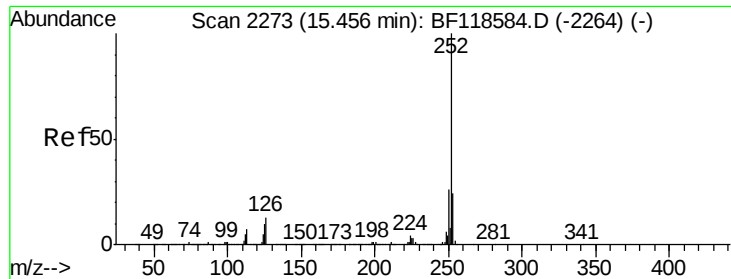
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#89
Benzo(k)fluoranthene
Concen: 7.156 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	11.4	7.6	11.4





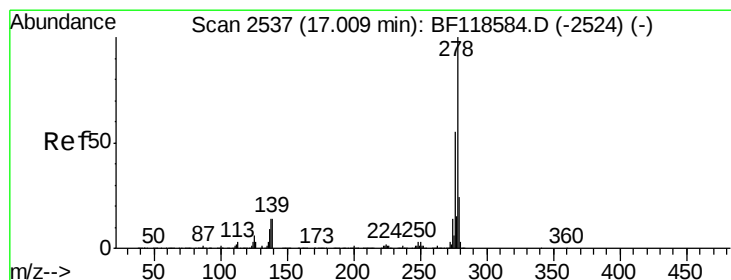
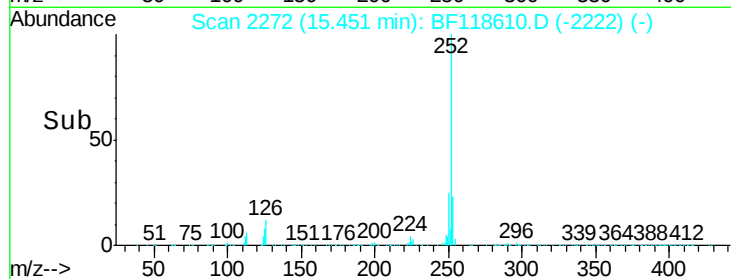
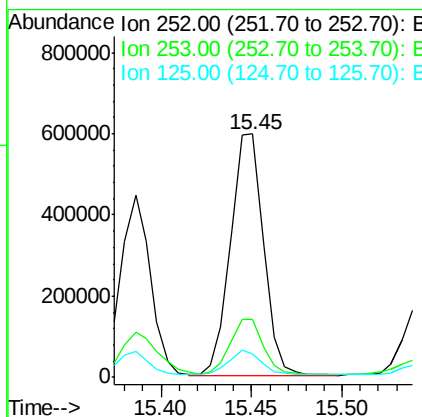
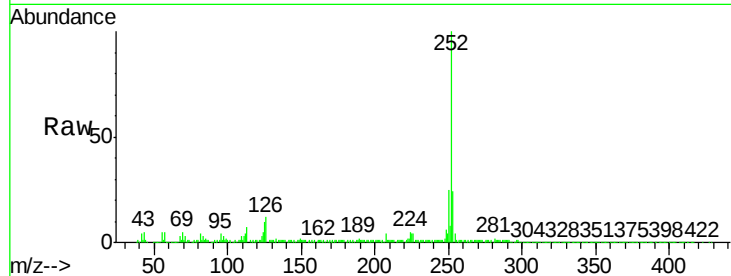
#90
Benzo(a)pyrene
Concen: 14.881 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Instrument :
BNA_F
ClientSampleId :
OR-02-011720

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.8	28.2
125	9.6	7.8	11.6

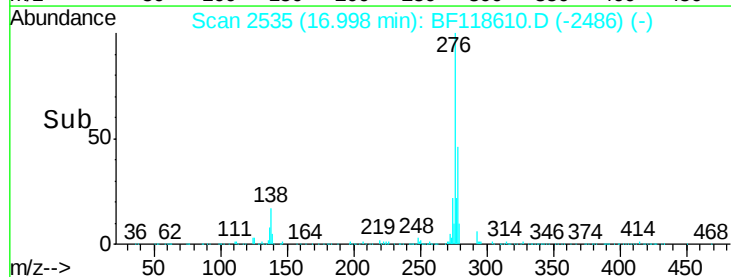
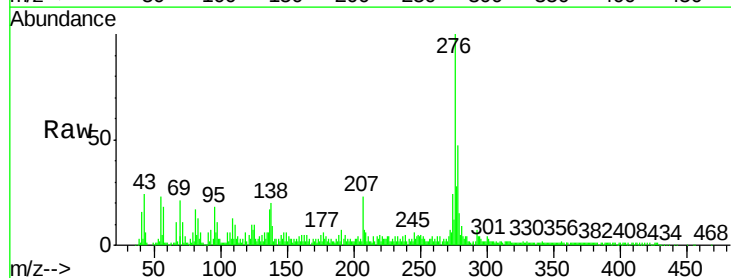
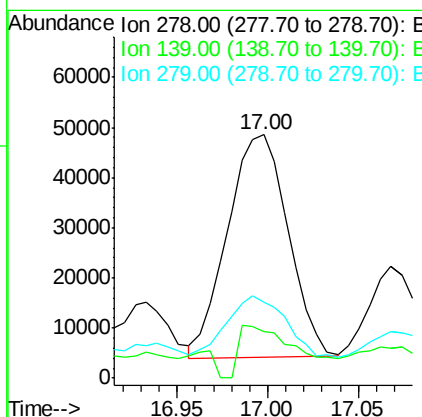
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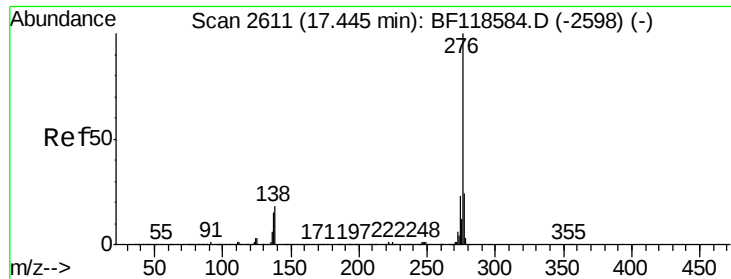
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.292 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF118610.D
Acq: 21 Jan 2020 00:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	11.4	17.0#
279	31.3	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 8.444 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BF118610.D
 Acq: 21 Jan 2020 00:07

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-011720

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	19.4	14.4	21.6

Manual Integrations
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