

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120844.D
 Acq On : 10 Jul 2020 21:34
 Operator : JU/CG
 Sample : L3255-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Manual Integrations
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mohammad
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Quant Time: Jul 11 02:41:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	192138	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	693324	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	314261	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	434503	20.00	ng	0.00
76) Chrysene-d12	14.02	240	374046	20.00	ng	0.00
86) Perylene-d12	15.47	264	437056	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1346201	108.15	ng	0.00
7) Phenol-d6	6.47	99	1663133	104.63	ng	0.00
23) Nitrobenzene-d5	7.41	82	1059204	88.51	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	334429	105.93	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1646428	79.26	ng	0.00
79) Terphenyl-d14	12.97	244	1316053	68.89	ng	0.00

Target Compounds				Qvalue		
20) 3+4-Methylphenols	7.24	107	29359	2.011	ng	# 79
50) Dimethylphthalate	9.60	163	226595	9.884	ng	# 97
71) Phenanthrene	11.40	178	226219	9.595	ng	# 94
72) Anthracene	11.45	178	70001	2.938	ng	# 82
75) Fluoranthene	12.59	202	506906	20.184	ng	98
78) Pyrene	12.82	202	484196	16.208	ng	99
81) Benzo(a)anthracene	14.00	228	297156	12.393	ng	98
83) Chrysene	14.04	228	275324	11.257	ng	96
87) Indeno(1,2,3-cd)pyrene	16.92	276	248814	8.876	ng	95
88) Benzo(b)fluoranthene	15.05	252	482345m	16.787	ng	
89) Benzo(k)fluoranthene	15.07	252	107735m	3.853	ng	
90) Benzo(a)pyrene	15.41	252	340894	13.300	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	63970	2.738	ng	93
92) Benzo(g,h,i)perylene	17.36	276	236776	11.088	ng	99

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

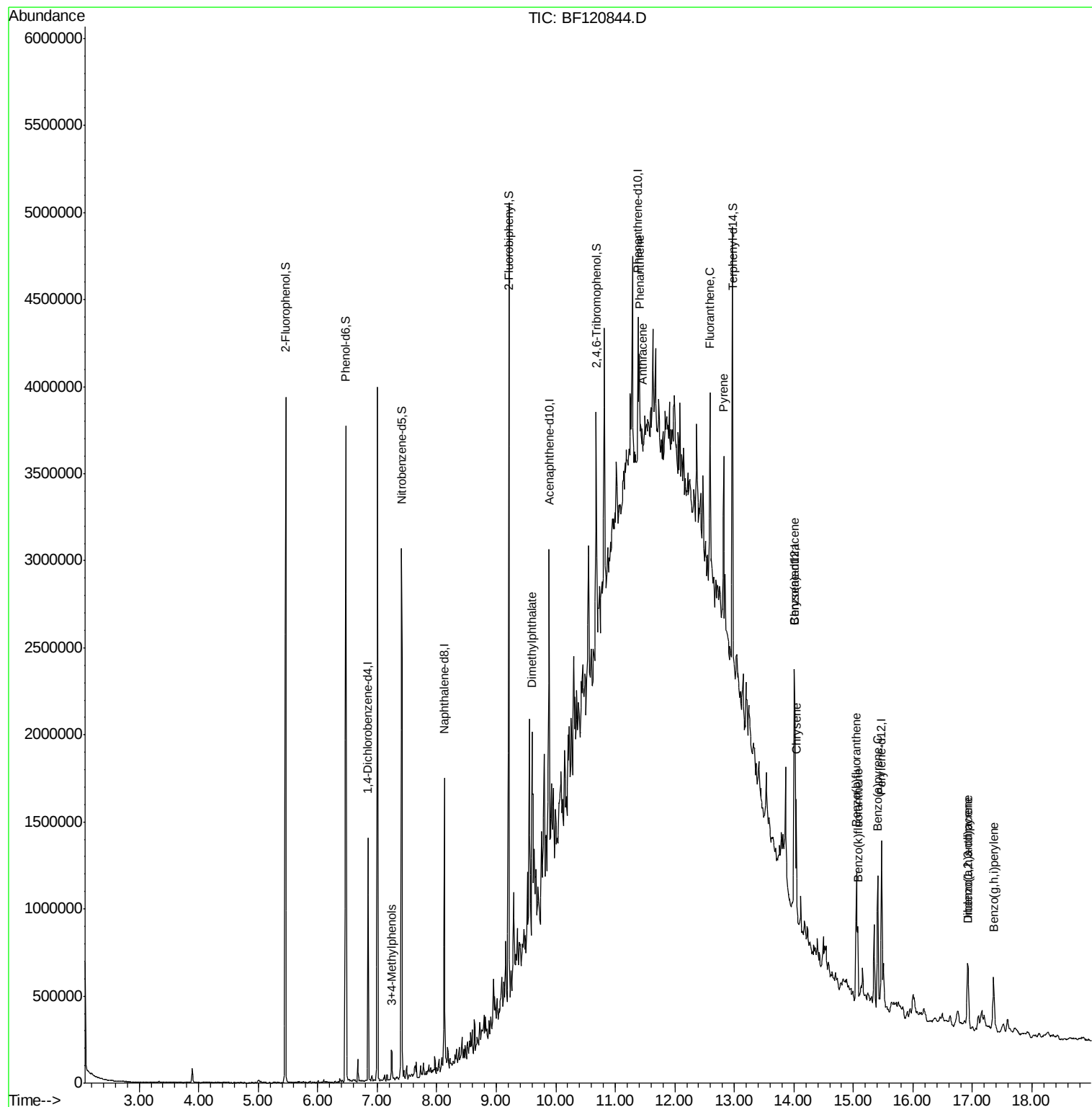
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120844.D
Acq On : 10 Jul 2020 21:34
Operator : JU/CG
Sample : L3255-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

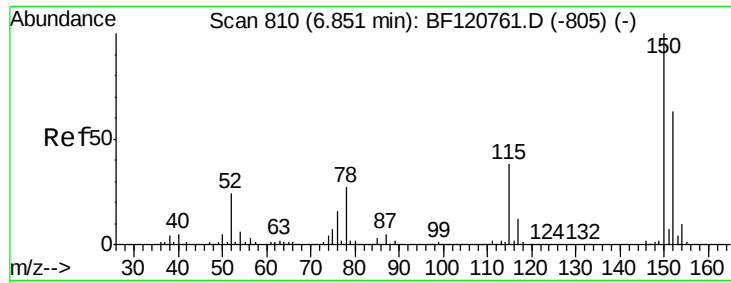
Instrument :
BNA_F
ClientSampled :
CHRT-33

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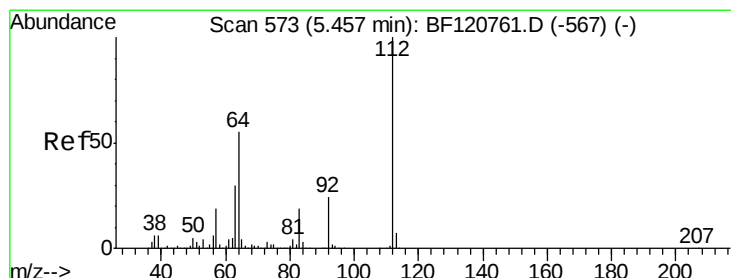
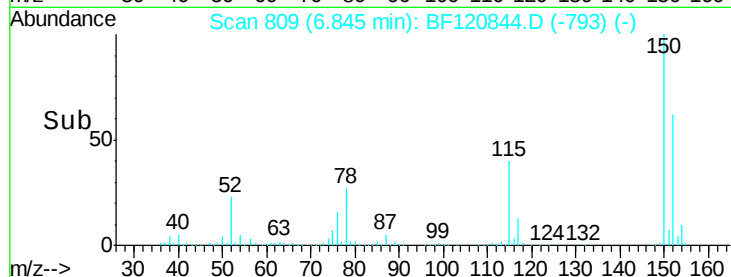
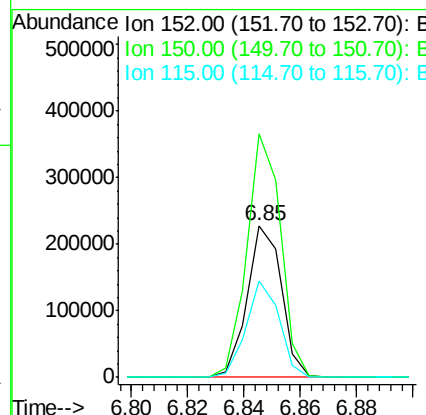
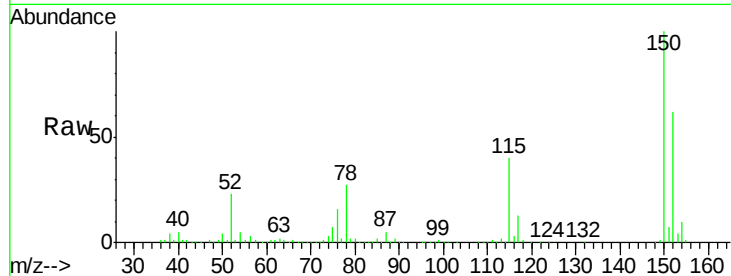
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.1	189.1
115	63.4	48.5	72.7

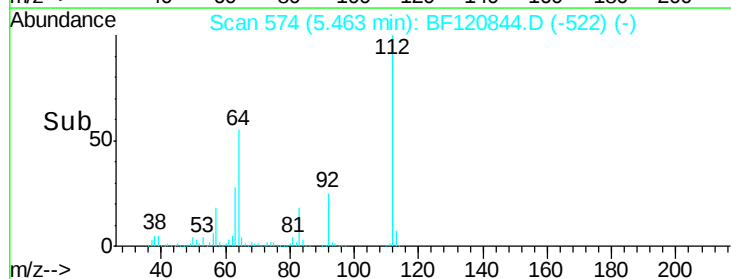
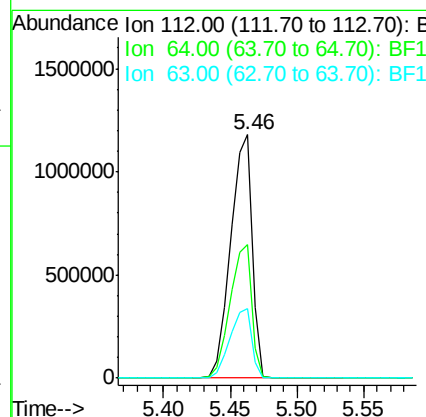
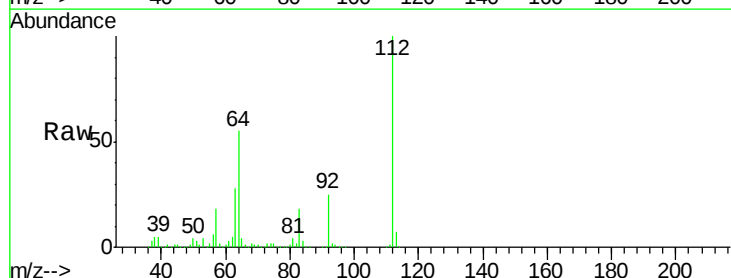
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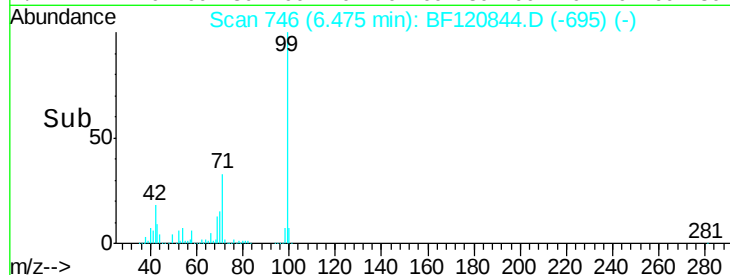
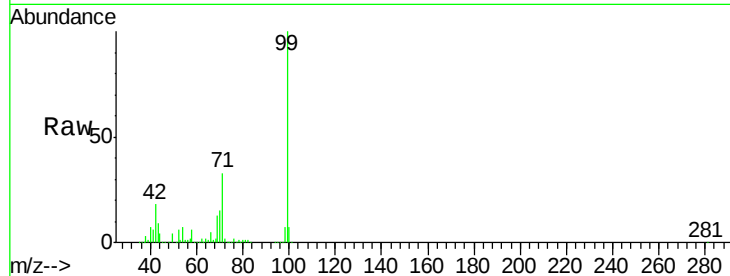
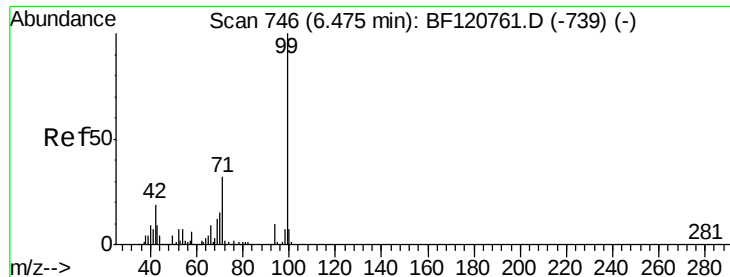
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#5
 2-Fluorophenol
 Concen: 108.155 ng
 RT: 5.46 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.8	65.6
63	28.4	23.6	35.4





#7

Phenol-d6

Concen: 104.630 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Tot Ion: 99 Resp: 1663133

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

71 33.0 25.9 38.9

Instrument :

BNA_F

ClientSampleId :

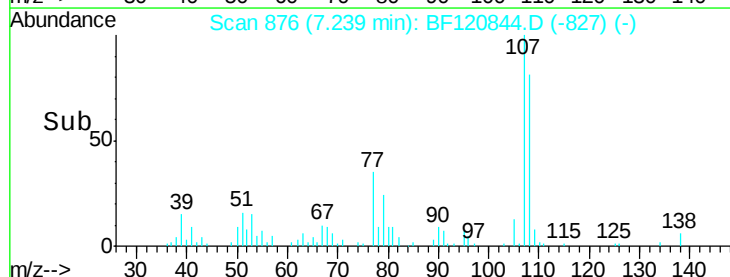
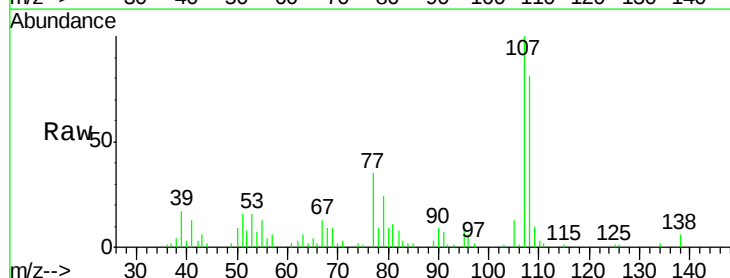
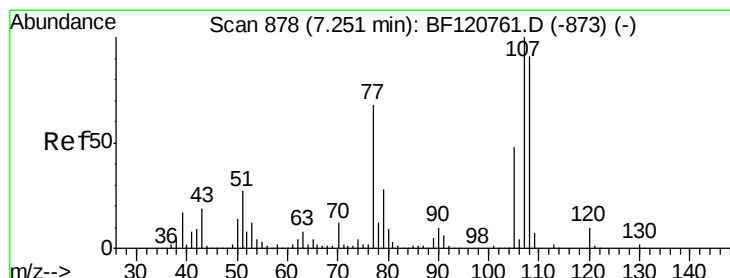
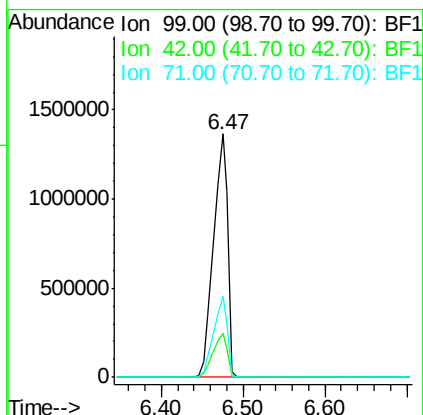
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#20

3+4-Methylphenols

Concen: 2.011 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Tgt Ion:107 Resp: 29359

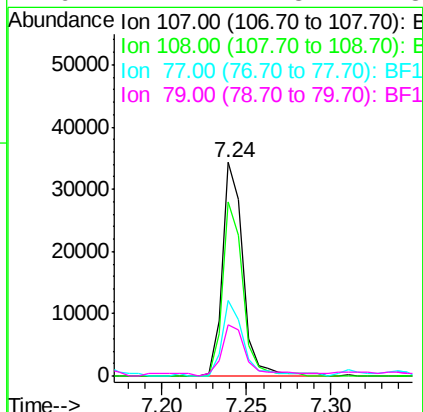
Ion Ratio Lower Upper

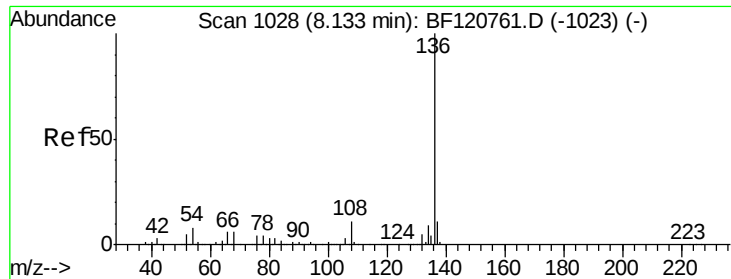
107 100

108 81.3 70.9 110.9

77 35.1 48.3 88.3#

79 24.2 7.8 47.8





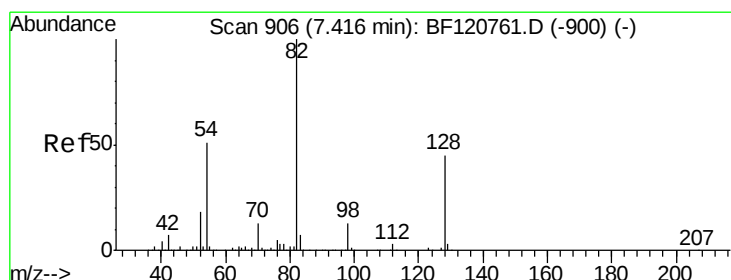
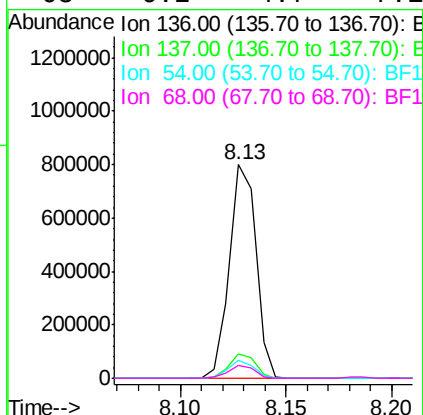
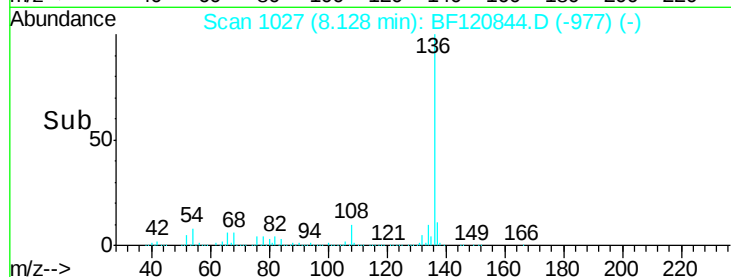
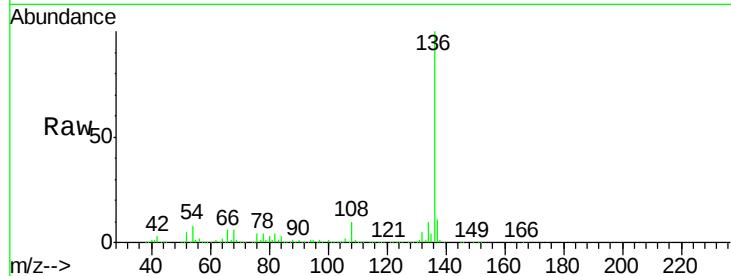
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Instrument :
BNA_F
ClientSampleId :
CHRT-33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		693324		
137	11.5		9.0	13.6	
54	8.4		6.2	9.4	
68	6.2		4.7	7.1	

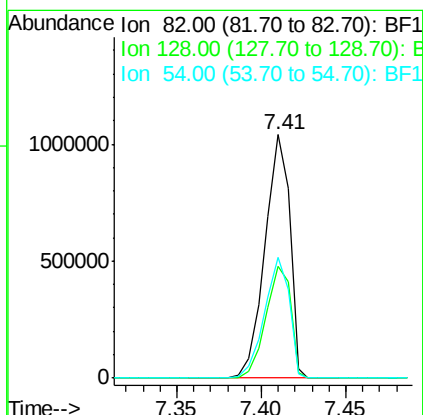
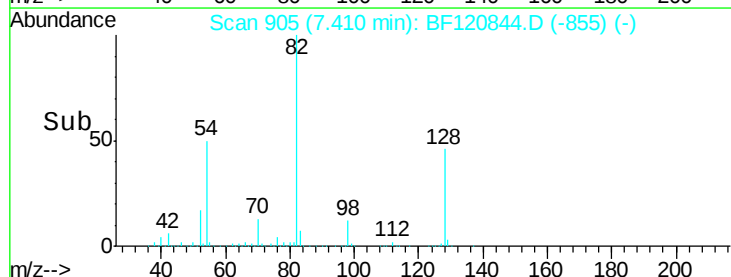
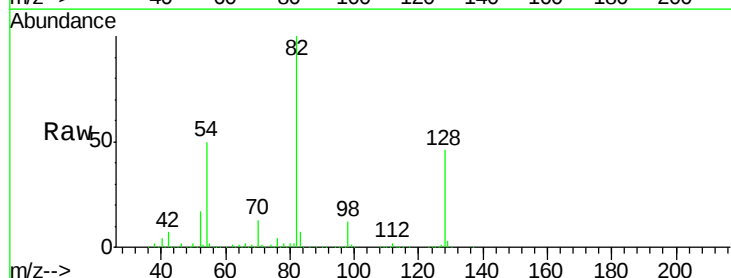
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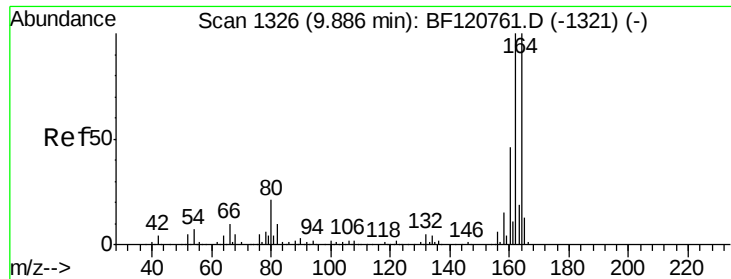
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#23
Nitrobenzene-d5
Concen: 88.513 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1059204		
128	46.1		35.7	53.5	
54	49.7		40.9	61.3	





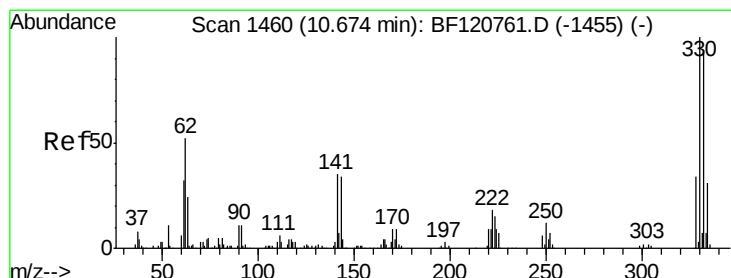
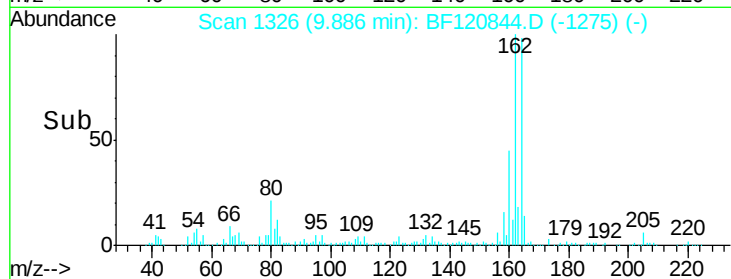
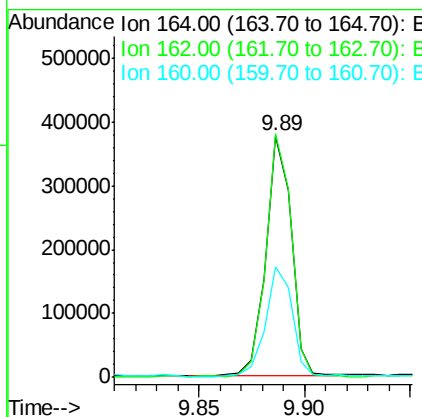
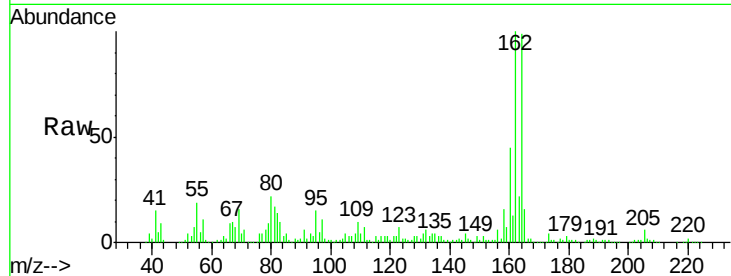
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.8	80.2	120.2	
160	45.5	36.9	55.3	

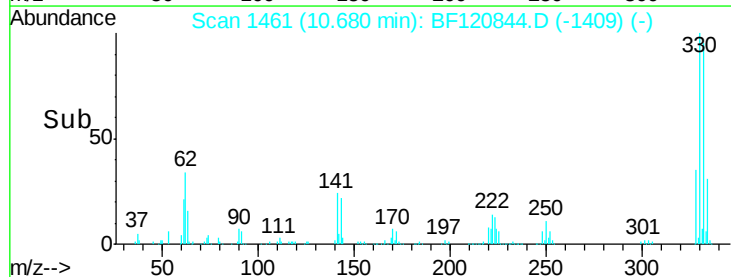
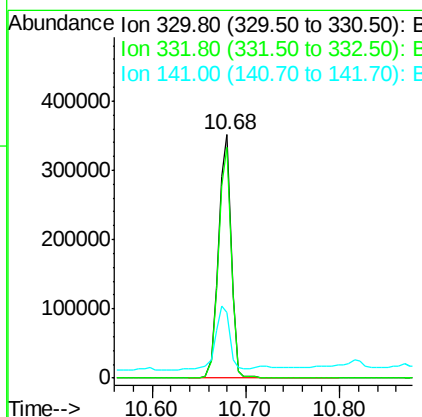
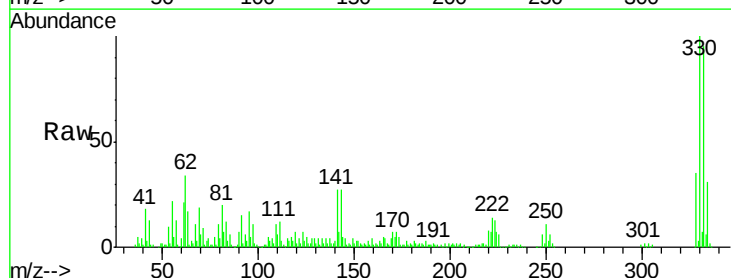
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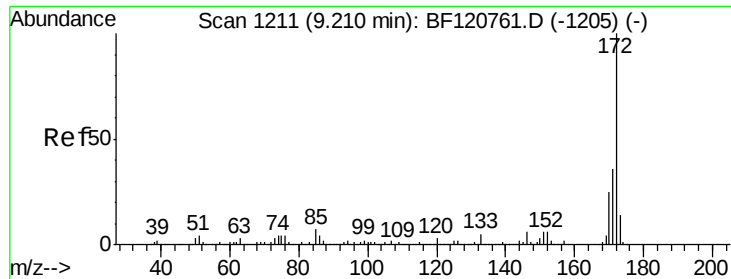
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#42
 2,4,6-Tribromophenol
 Concen: 105.926 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF120844.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	75.8	113.6	
141	31.3	29.7	44.5	





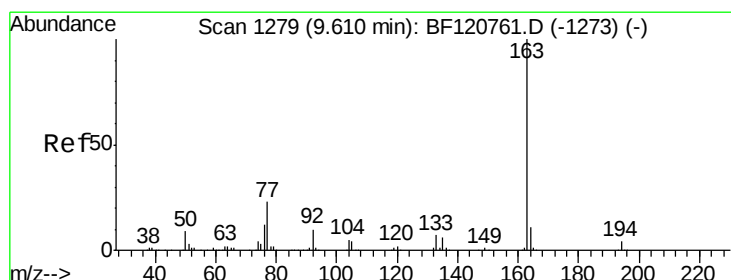
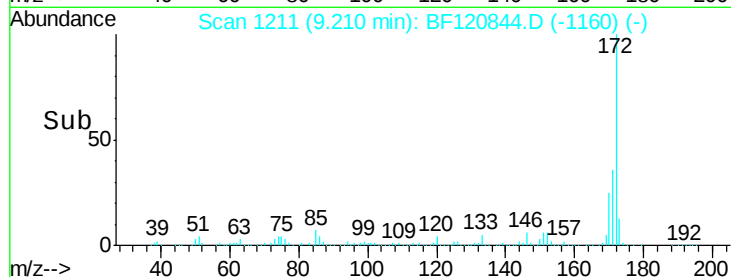
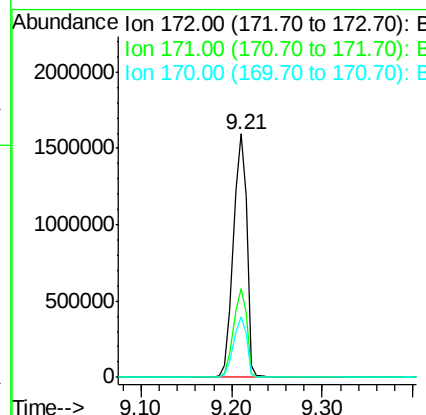
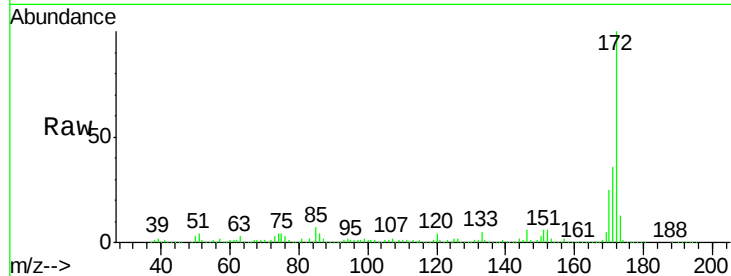
#45
2-Fluorobiphenyl
Concen: 79.264 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Instrument :
BNA_F
ClientSampleId :
CHRT-33

Tot Ion:172 Resp: 1646428
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.7 19.8 29.6

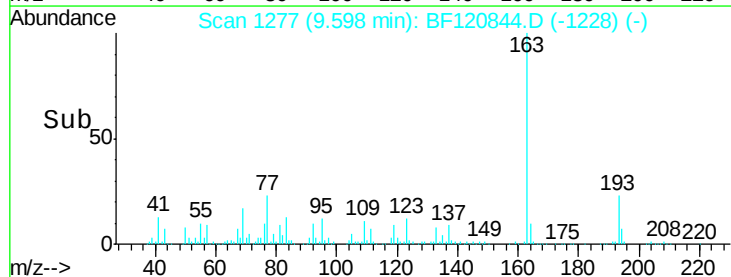
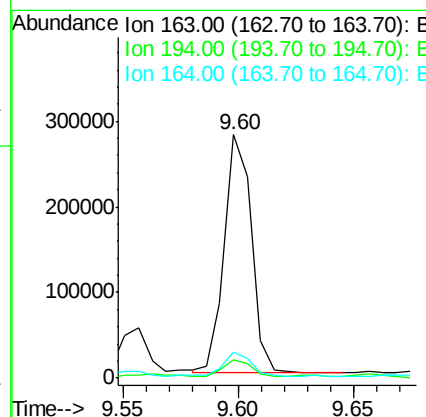
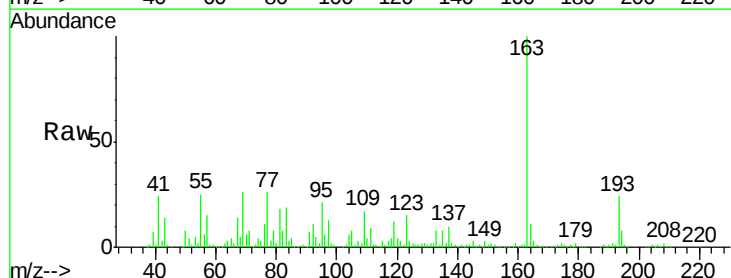
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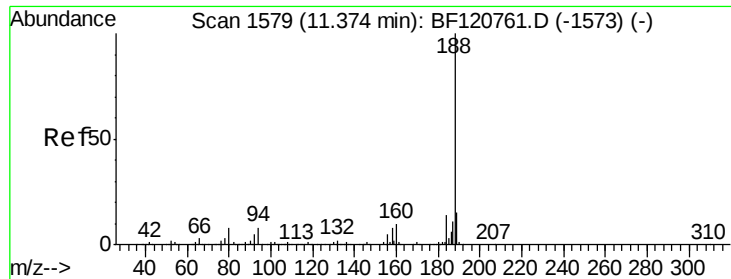
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#50
Dimethylphthalate
Concen: 9.884 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Tgt Ion:163 Resp: 226595
Ion Ratio Lower Upper
163 100
194 7.5 2.9 4.3#
164 10.8 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.01 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Instrument :

BNA_F

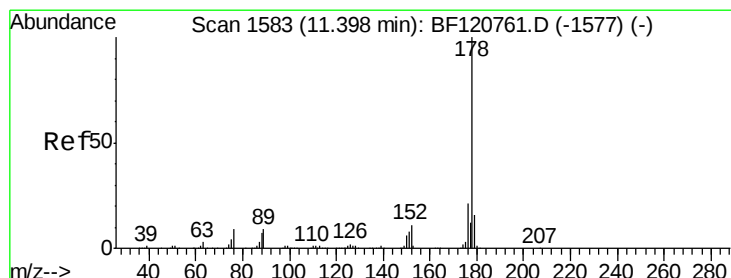
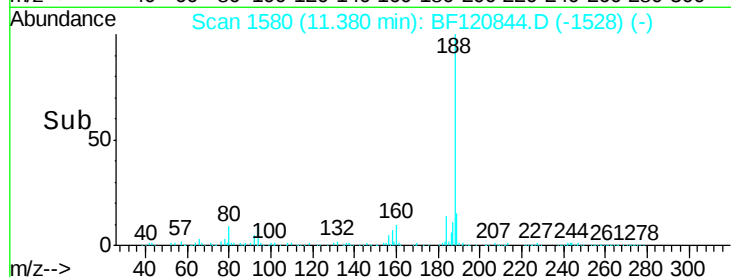
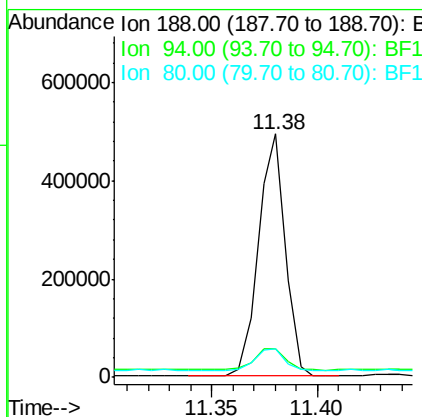
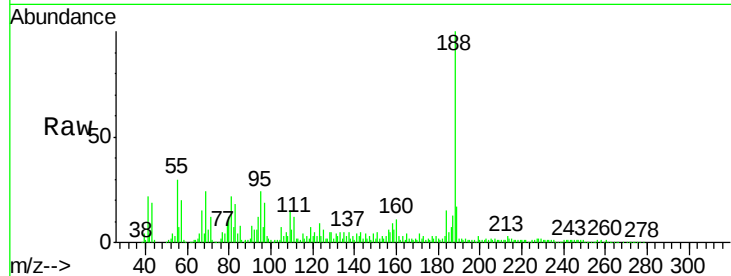
ClientSampleId :

CHRT-33

Tot Ion:	188	Resp:	434503
Ion Ratio	Lower	Upper	
188	100		
94	11.6	6.6	9.8#
80	11.6	6.6	10.0#

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#71

Phenanthrene

Concen: 9.595 ng

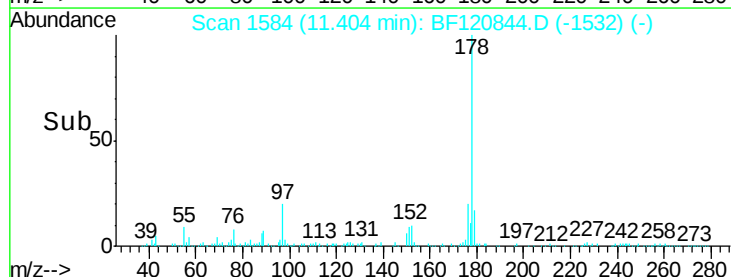
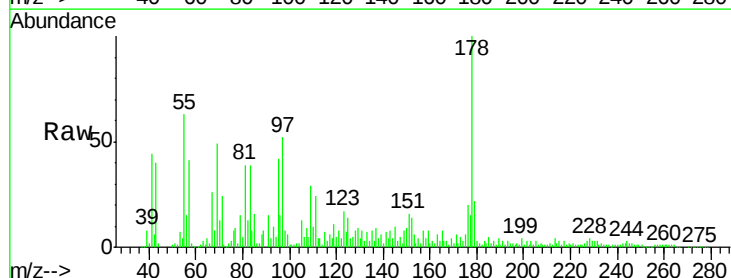
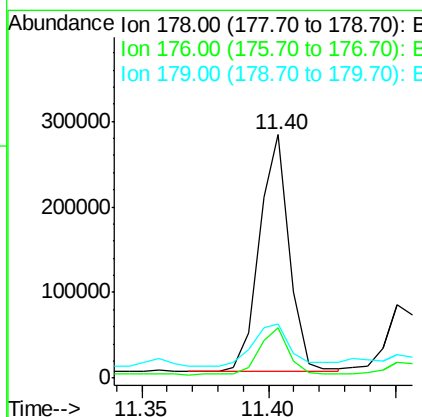
RT: 11.40 min Scan# 1584

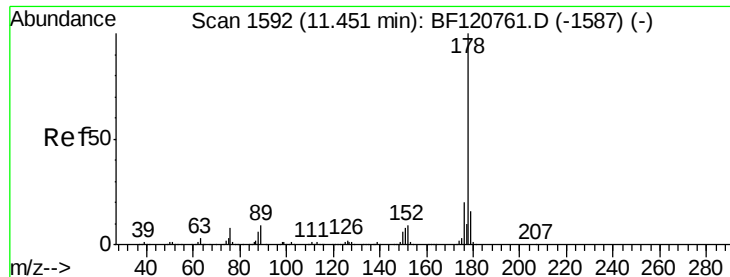
Delta R.T. 0.01 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Tgt Ion:	178	Resp:	226219
Ion Ratio	Lower	Upper	
178	100		
176	20.5	16.4	24.6
179	22.1	12.9	19.3#





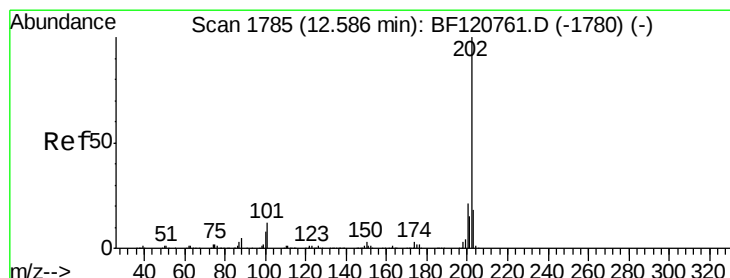
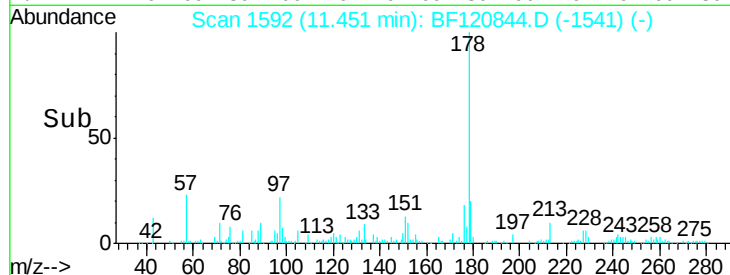
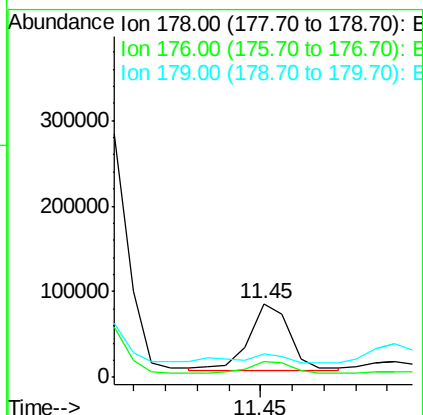
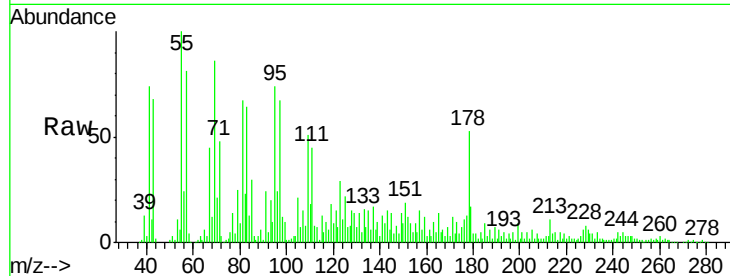
#72
 Anthracene
 Concen: 2.938 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	16.2	24.2
179	31.8	12.7	19.1

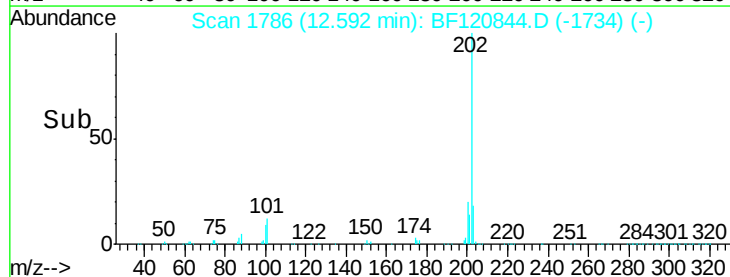
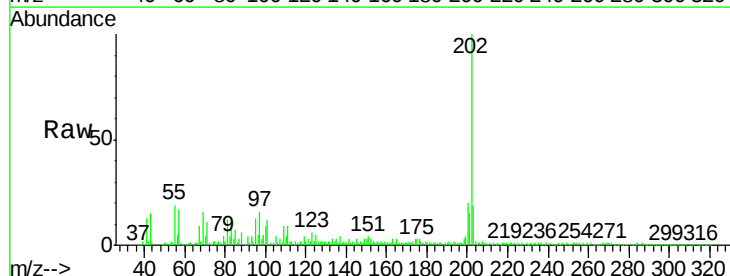
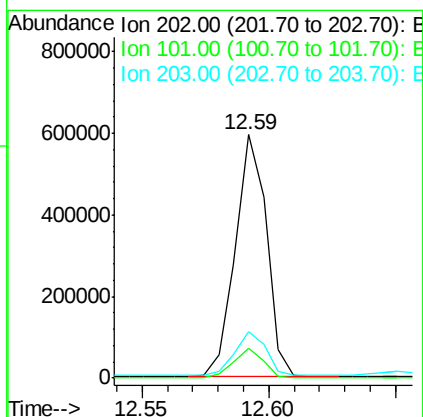
Manual Integrations
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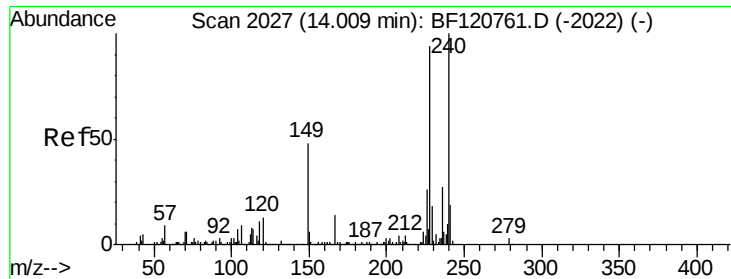
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#75
 Fluoranthene
 Concen: 20.184 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. 0.01 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.6
203	19.1	0.0	38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Instrument :

BNA_F

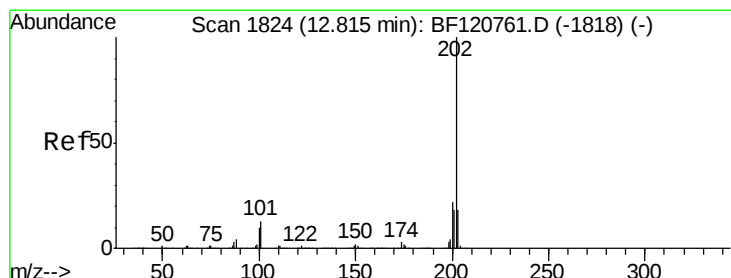
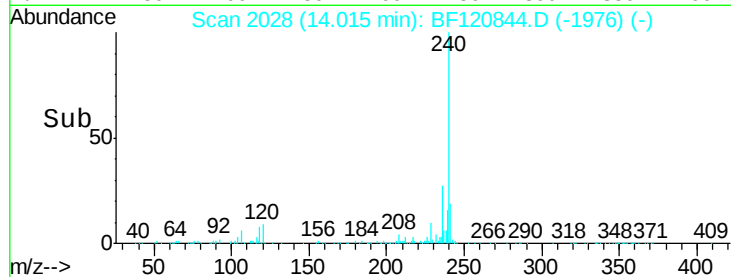
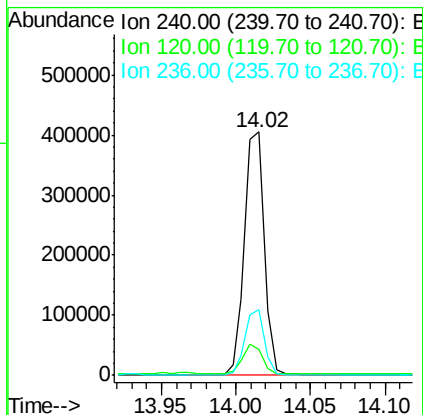
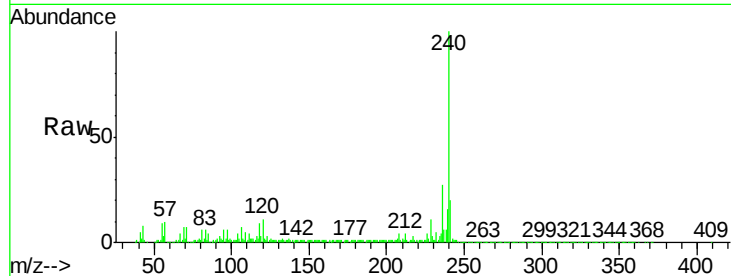
ClientSampled :

CHRT-33

Tot Ion:	240	Resp:	374046
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.3	15.5
236	26.9	21.4	32.2

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#78

Pyrene

Concen: 16.208 ng

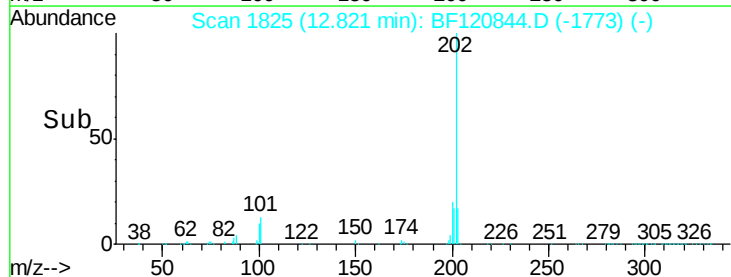
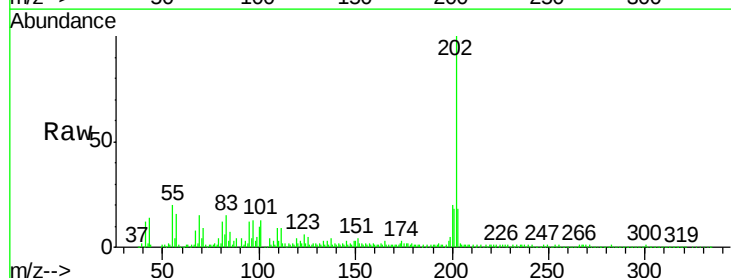
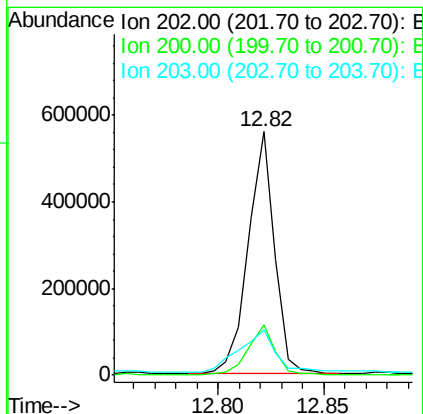
RT: 12.82 min Scan# 1825

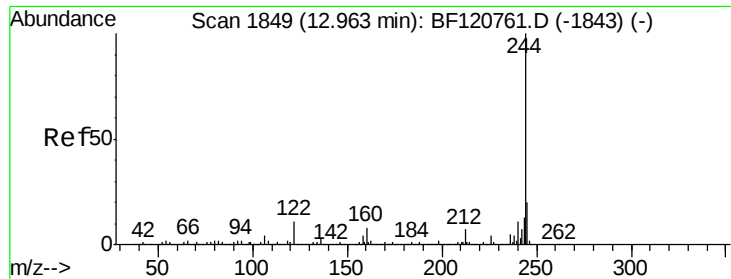
Delta R.T. 0.01 min

Lab File: BF120844.D

Acq: 10 Jul 2020 21:34

Tgt Ion:	202	Resp:	484196
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.3	25.9
203	18.4	14.6	22.0





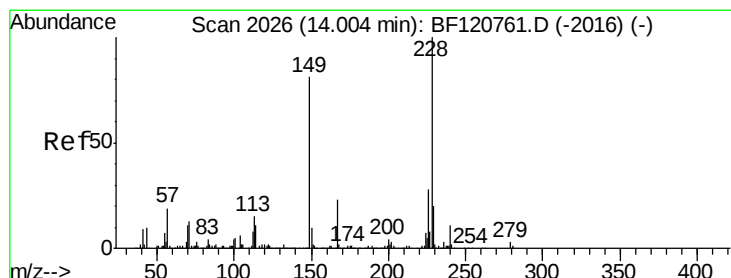
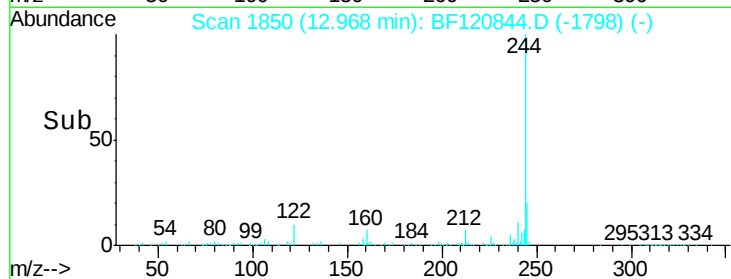
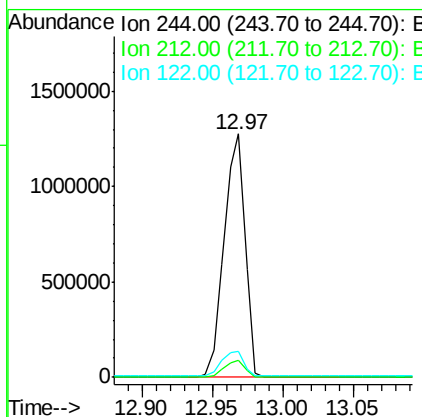
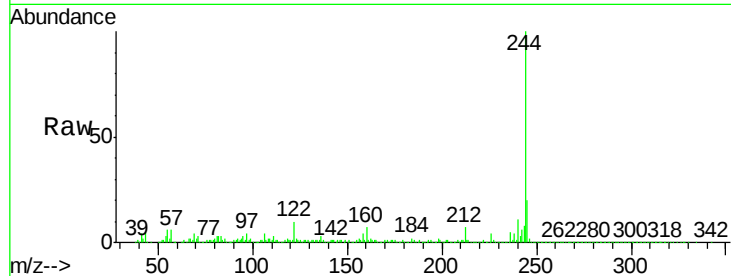
#79
 Terphenyl-d14
 Concen: 68.887 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Tot Ion:244 Resp: 1316053
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.5 9.0 13.4

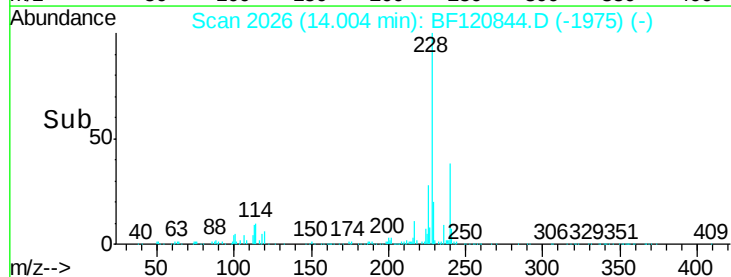
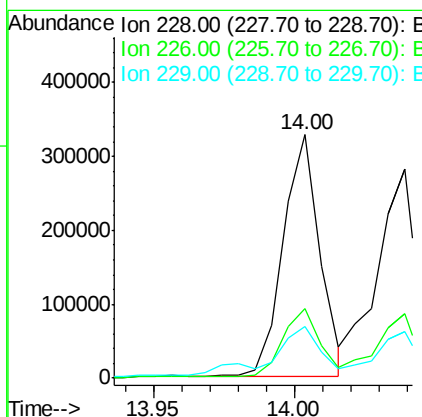
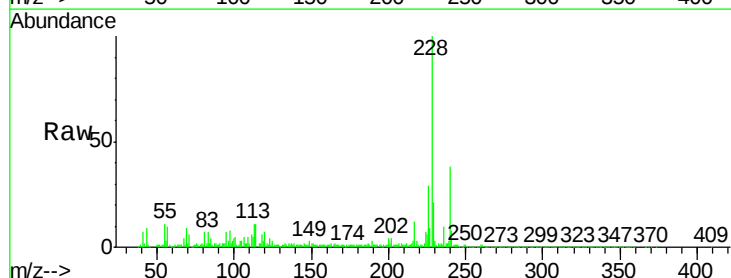
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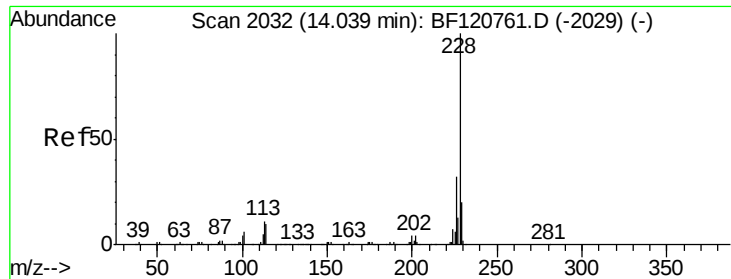
mohammad
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#81
 Benzo(a)anthracene
 Concen: 12.393 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Tgt Ion:228 Resp: 297156
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.6 33.8
 229 21.0 15.8 23.6





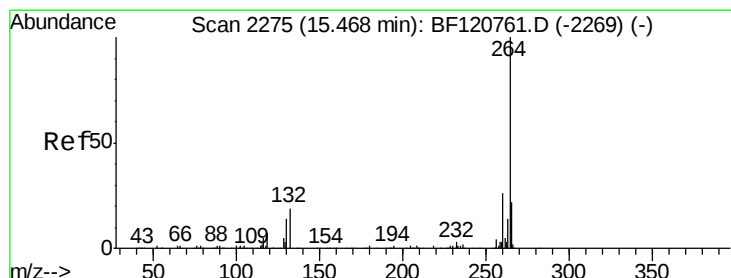
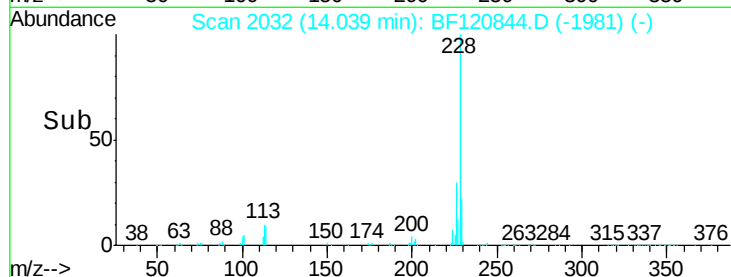
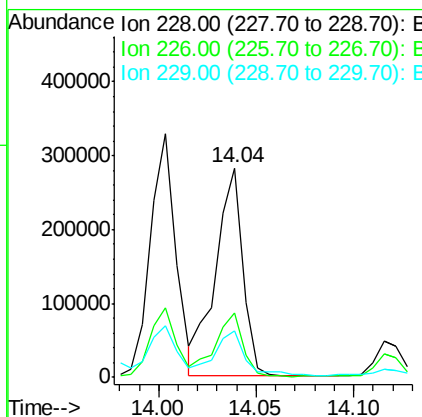
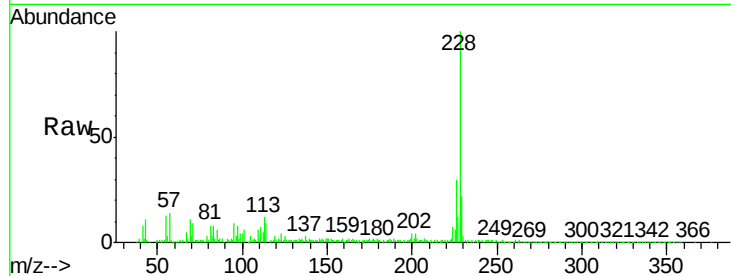
#83
Chrysene
Concen: 11.257 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Instrument :
BNA_F
ClientSampled :
CHRT-33

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	22.4	16.3	24.5

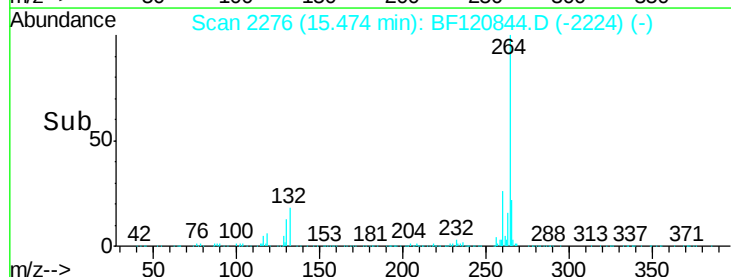
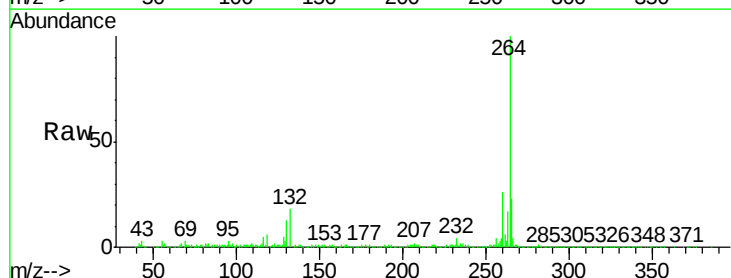
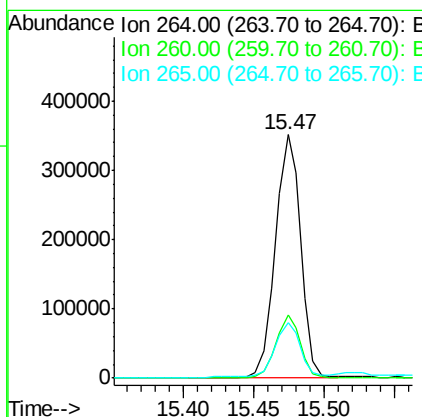
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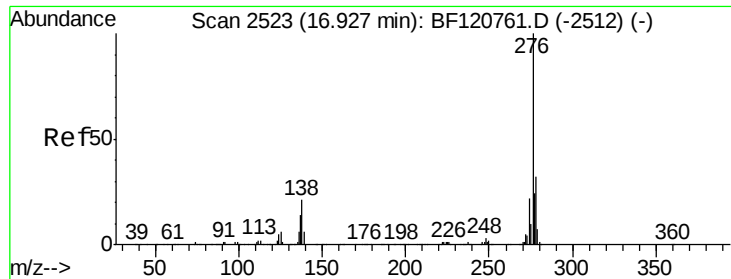
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	22.8	17.6	26.4





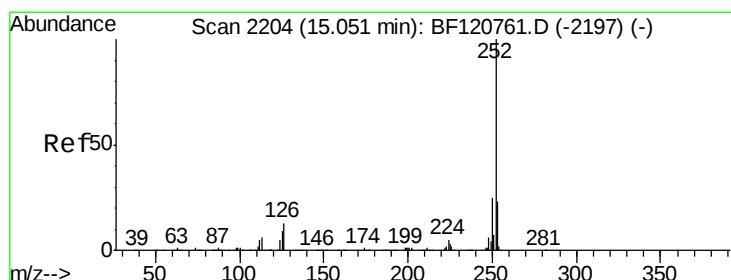
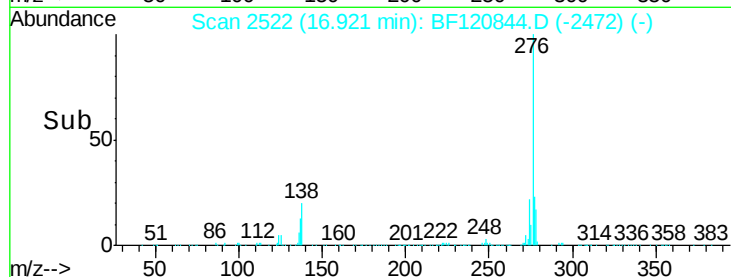
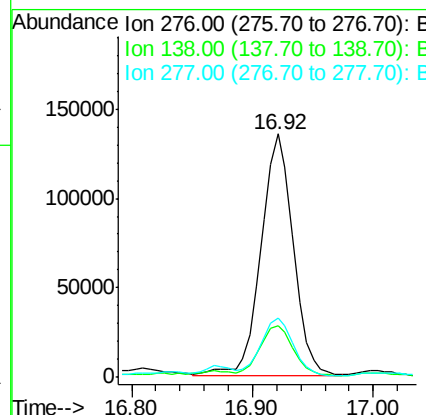
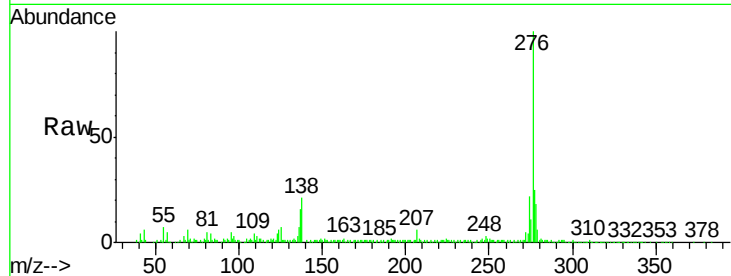
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.876 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-33

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.8	29.8
277	24.0	19.9	29.9

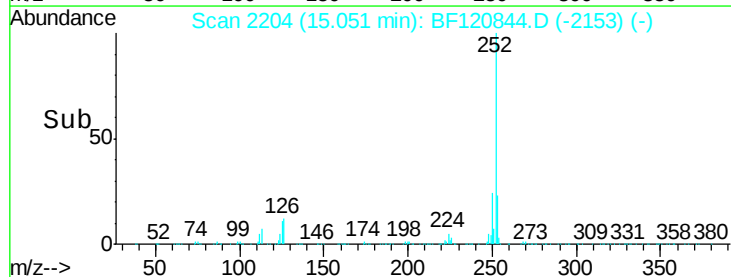
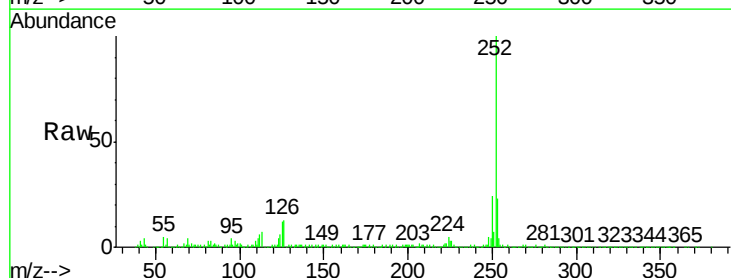
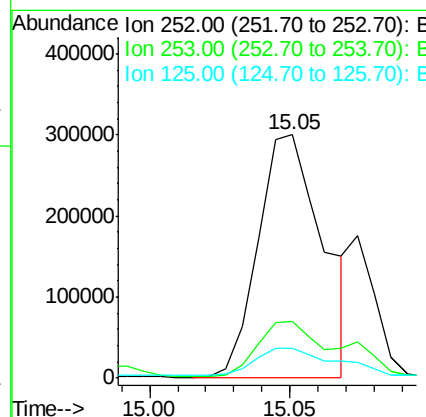
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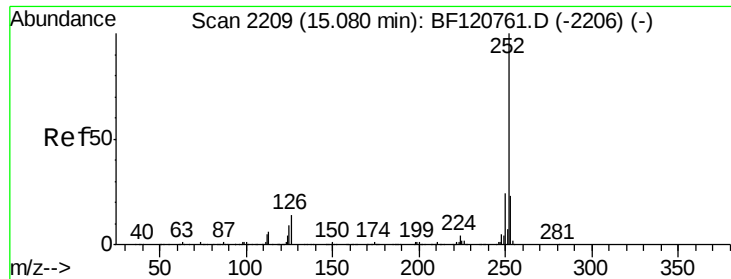
mohammad
 7/13/2020 1:05:04 PM



#88
 Benzo(b)fluoranthene
 Concen: 16.787 ng m
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BF120844.D
 Acq: 10 Jul 2020 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.1	7.5	11.3





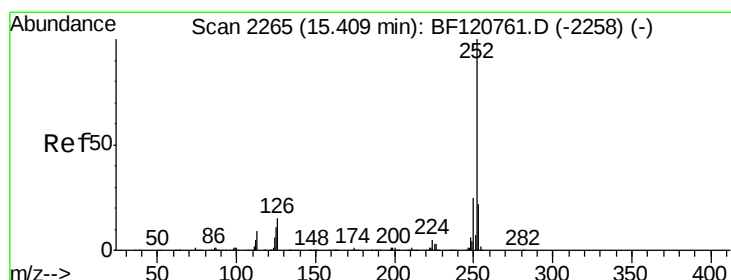
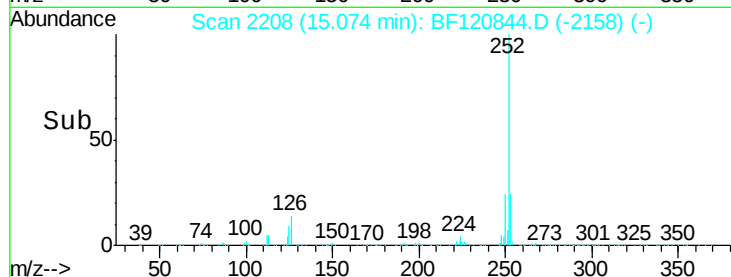
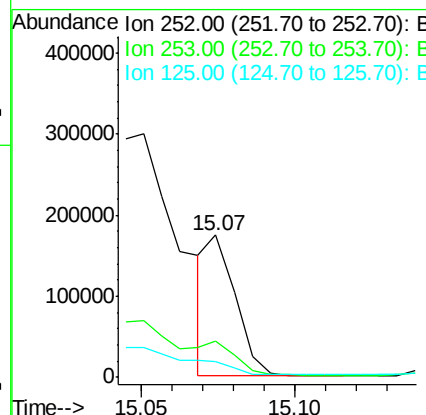
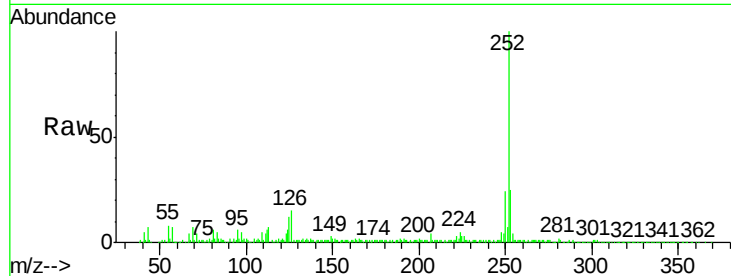
#89
Benzo(k)fluoranthene
Concen: 3.853 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Instrument :
BNA_F
ClientSampleId :
CHRT-33

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	11.5	7.6	11.4

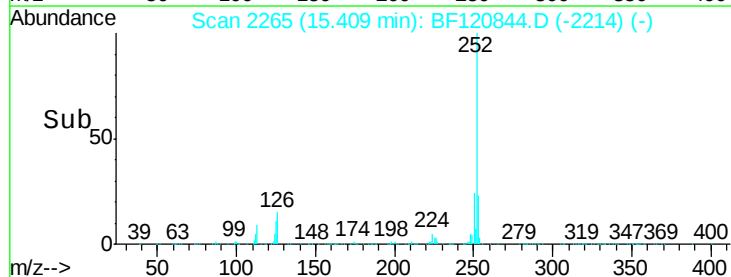
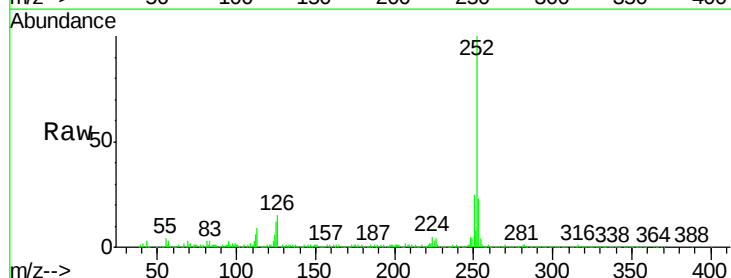
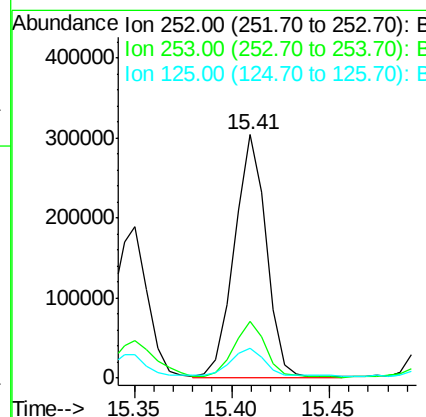
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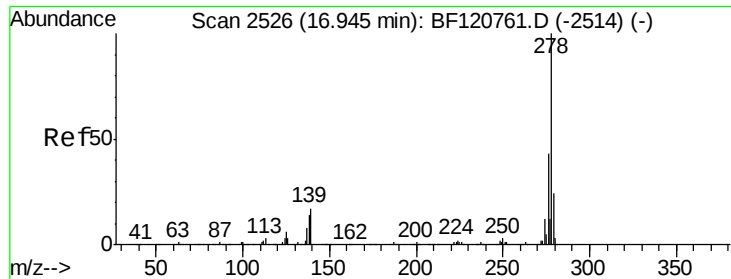
mohammad
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#90
Benzo(a)pyrene
Concen: 13.300 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	12.0	9.2	13.8





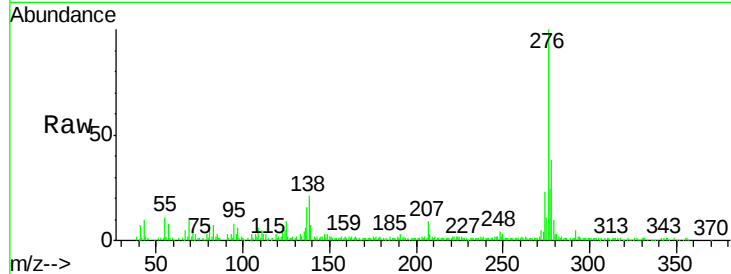
#91
Dibenzo(a,h)anthracene
Concen: 2.738 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Instrument :
BNA_F
ClientSampleId :
CHRT-33

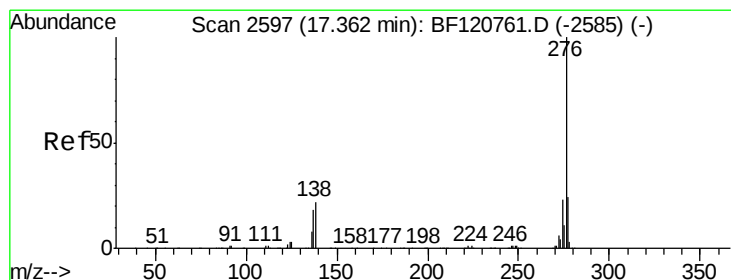
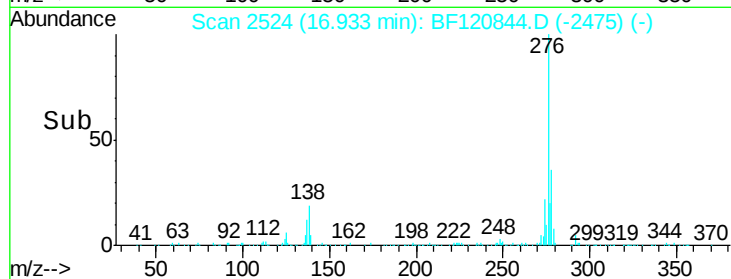
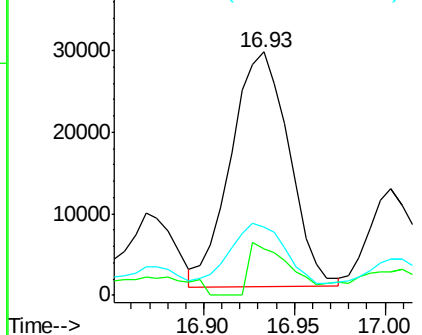
Tot Ion:278	Resp:	63970
Ion Ratio	Lower	Upper
278	100	
139	19.1	13.3 19.9
279	27.9	19.0 28.6

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 11.088 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120844.D
Acq: 10 Jul 2020 21:34

Tgt Ion:276	Resp:	236776
Ion Ratio	Lower	Upper
276	100	
277	23.6	18.8 28.2
138	22.5	17.4 26.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

