

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118722.D
 Acq On : 27 Jan 2020 16:41
 Operator : CG/JU
 Sample : L1263-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTY-SB-0203-0-11

Manual Integrations
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Quant Time: Jan 27 17:50:38 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	331433	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1186985	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	587420	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	899869	20.00	ng	0.00
76) Chrysene-d12	14.02	240	611957	20.00	ng	0.00
87) Perylene-d12	15.49	264	760643	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	879737	49.30	ng	0.00
7) Phenol-d6	6.48	99	1061766	45.78	ng	-0.01
23) Nitrobenzene-d5	7.42	82	653031	30.77	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	282413	41.57	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1279272	35.79	ng	0.00
79) Terphenyl-d14	12.96	244	1082340	38.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.60	163	151735	3.965	ng	99
58) Fluorene	10.44	166	75293	2.156	ng	98
71) Phenanthrene	11.40	178	700096	16.126	ng	97
72) Anthracene	11.46	178	193759	4.511	ng	96
75) Fluoranthene	12.59	202	736688	16.089	ng	97
78) Pyrene	12.82	202	672595	16.189	ng	97
81) Benzo(a)anthracene	14.00	228	343941	9.343	ng	99
83) Chrysene	14.04	228	326471	9.253	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	42666	2.054	ng	98
86) Indeno(1,2,3-cd)pyrene	16.95	276	190853	6.226	ng	94
88) Benzo(b)fluoranthene	15.06	252	440319m	9.209	ng	
89) Benzo(k)fluoranthene	15.08	252	130506m	2.946	ng	
90) Benzo(a)pyrene	15.42	252	307231	7.449	ng	97
92) Benzo(a,h,i)perylene	17.39	276	175665	4.959	ng	97

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

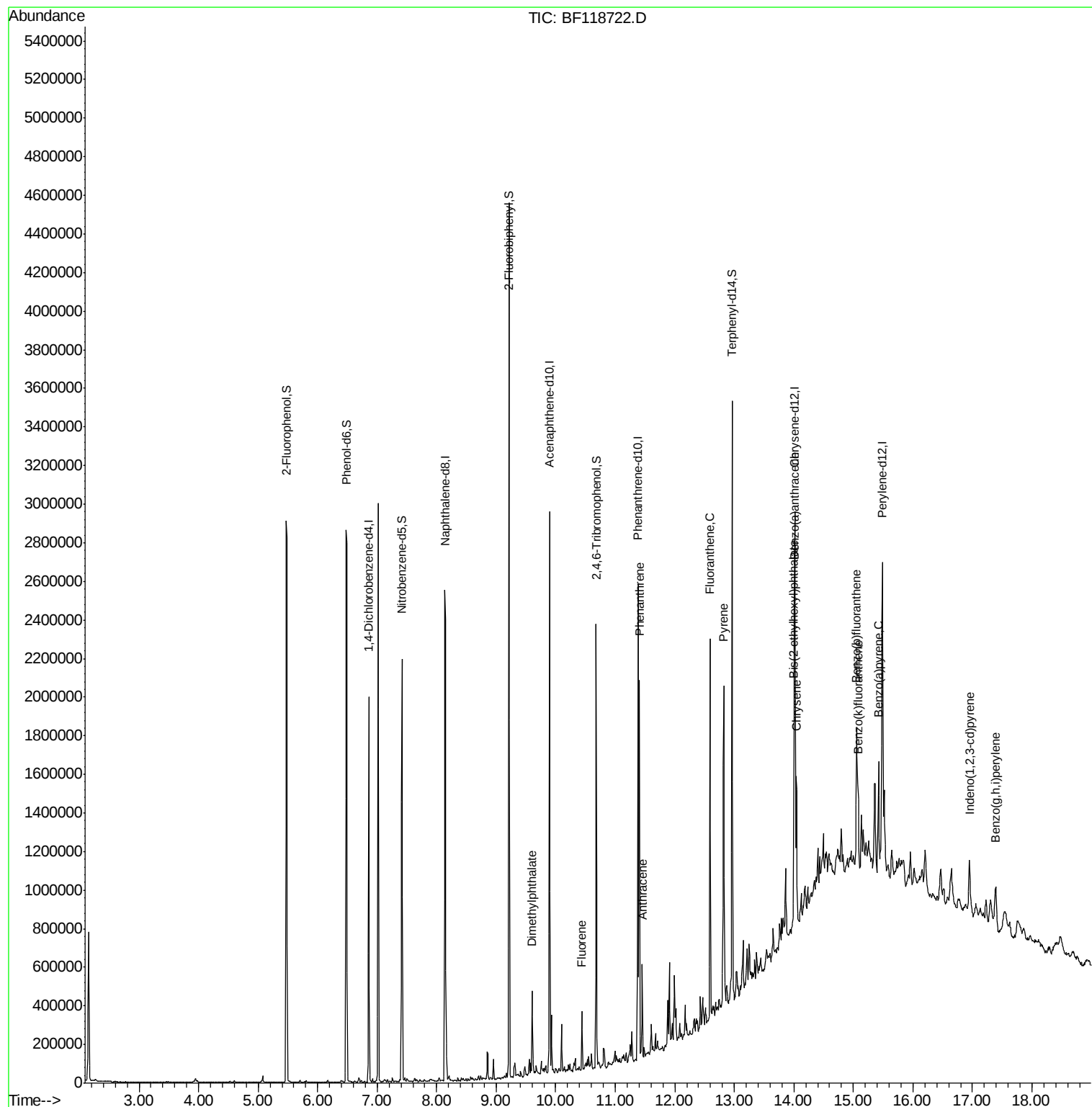
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118722.D
Acq On : 27 Jan 2020 16:41
Operator : CG/JU
Sample : L1263-04 2X
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ALS Vial : 10 Sample Multiplier: 1

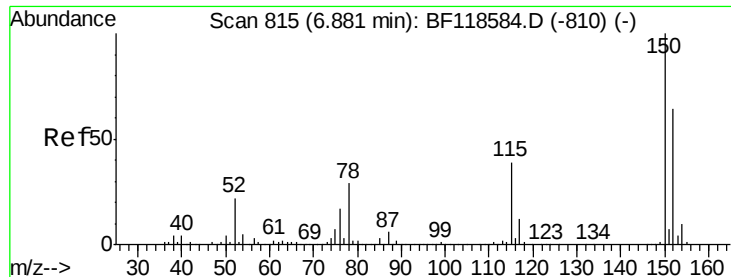
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

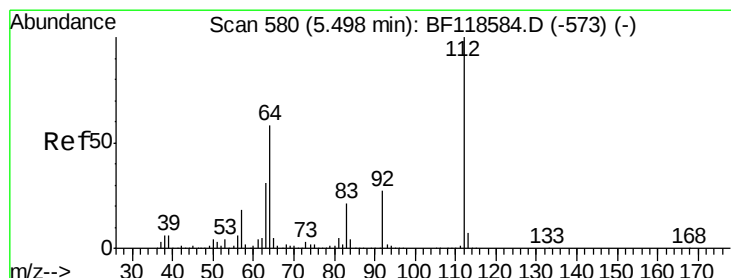
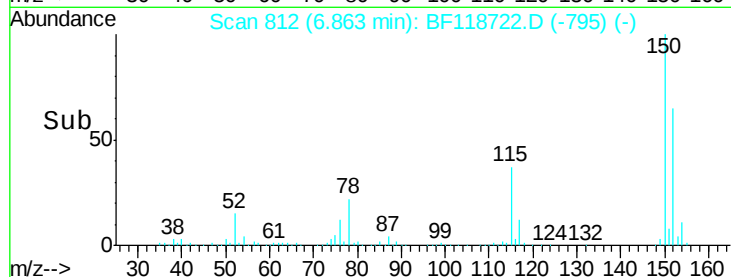
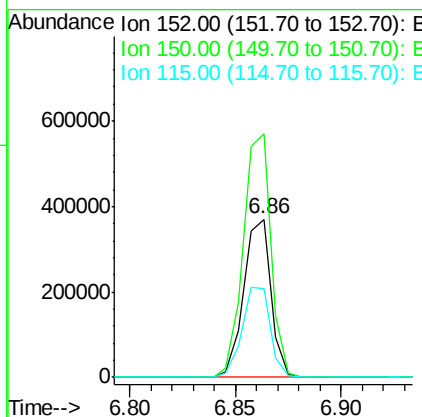
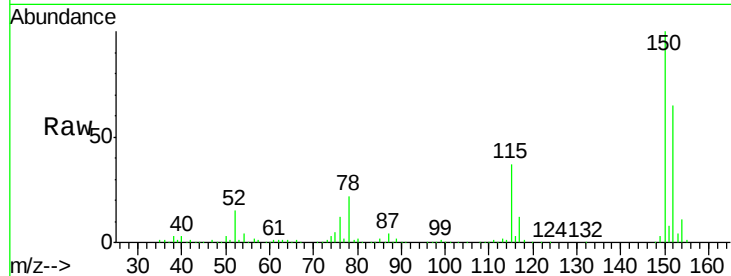
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.7	185.5
115	56.3	45.1	67.7

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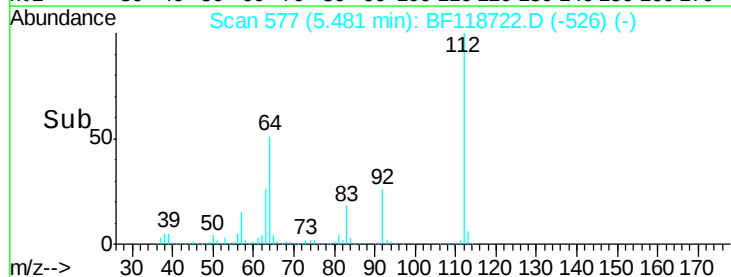
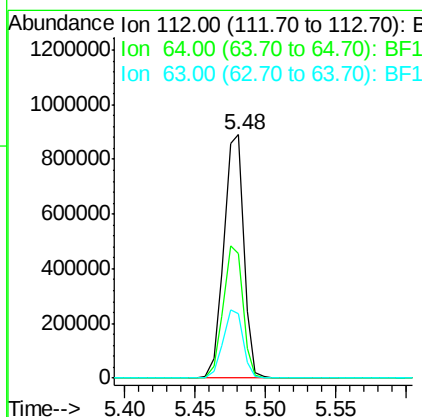
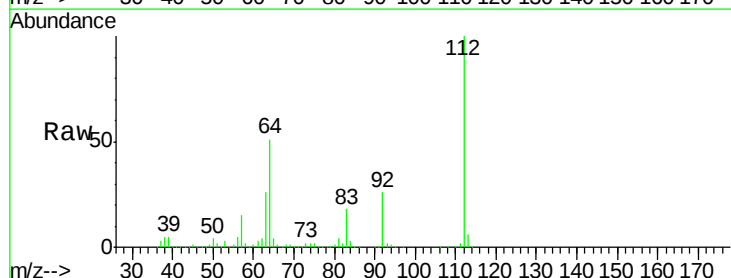
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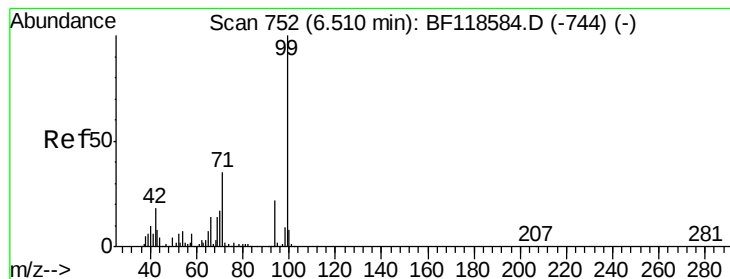


#5

2-Fluorophenol
Concen: 49.298 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	42.4	63.6
63	26.4	21.7	32.5





#7

Phenol-d6

Concen: 45.777 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118722.D

Acq: 27 Jan 2020 16:41

Instrument :

BNA_F

ClientSampleId :

CTY-SB-0203-0-11

Tot Ion: 99 Resp: 1061766

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

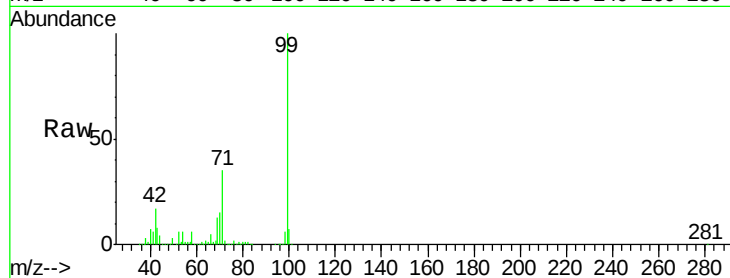
71 35.0 28.4 42.6

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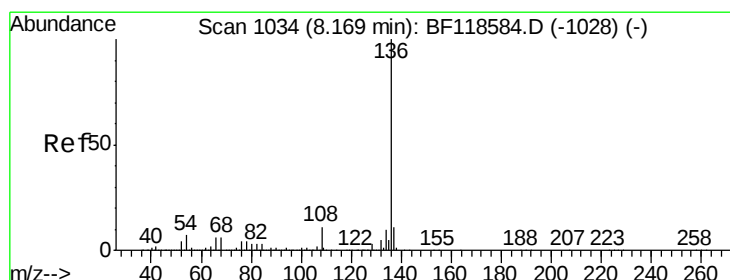
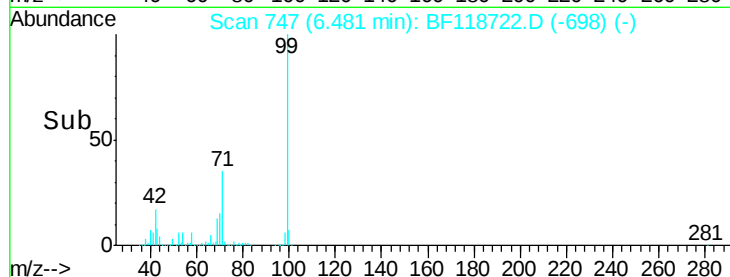
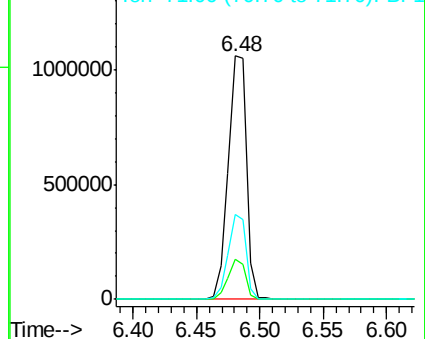
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF118722.D

Acq: 27 Jan 2020 16:41

Tgt Ion: 136 Resp: 1186985

Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 7.3 5.1 7.7

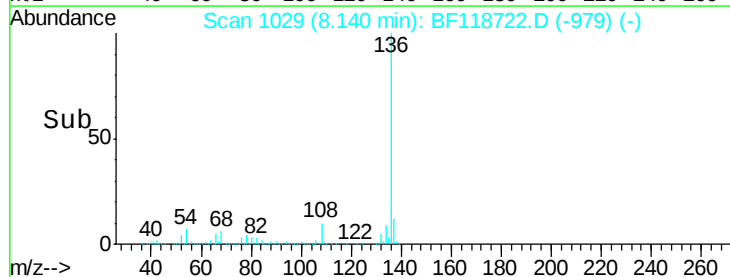
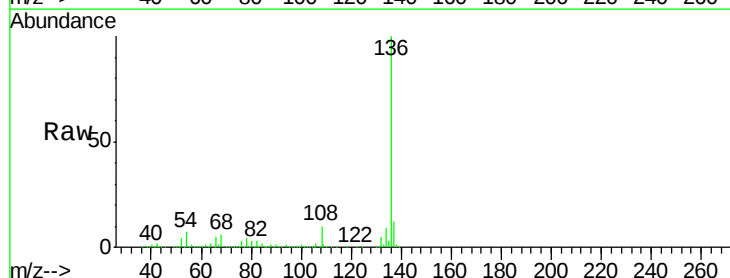
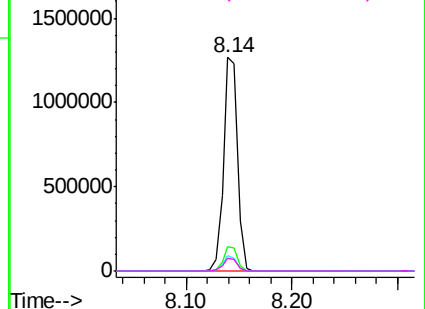
68 6.1 4.3 6.5

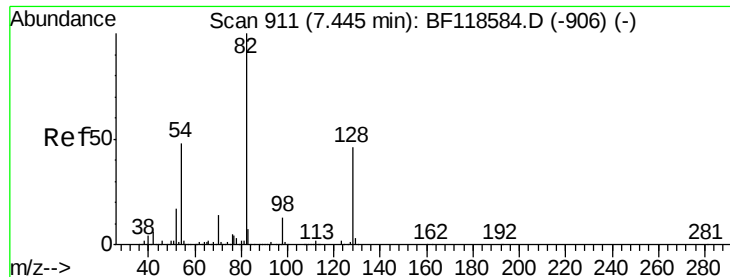
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





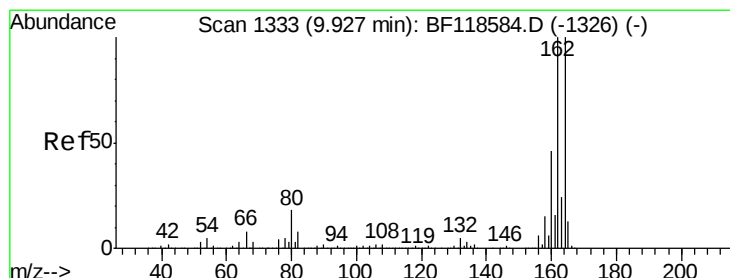
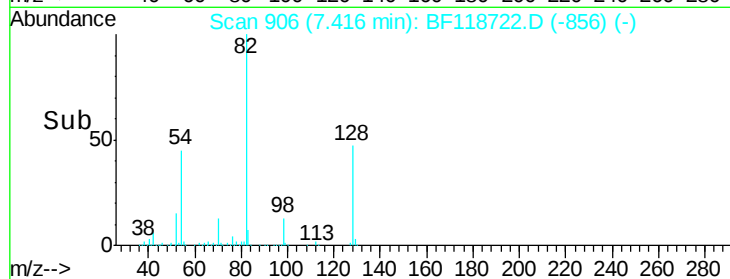
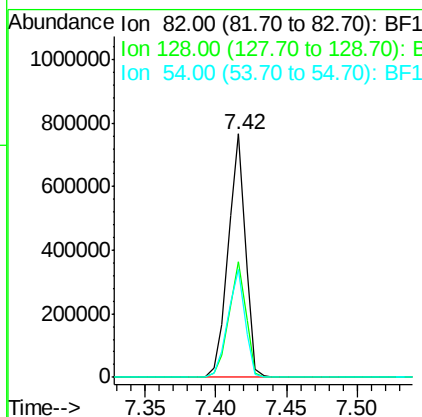
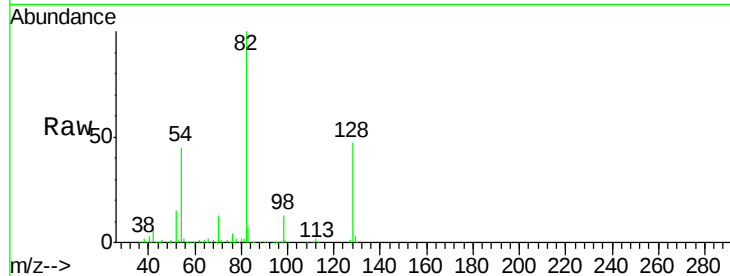
#23
Nitrobenzene-d5
Concen: 30.773 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.2	57.2
54	44.5	36.1	54.1

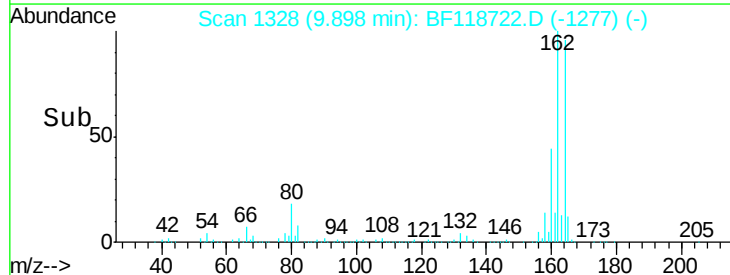
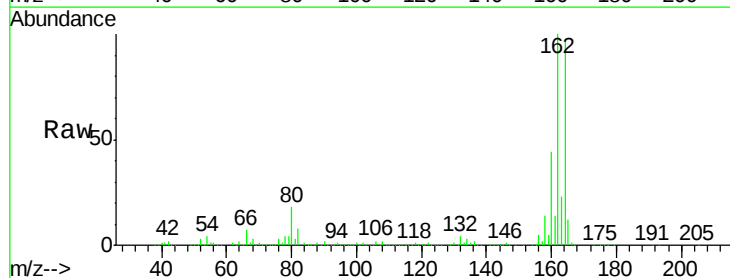
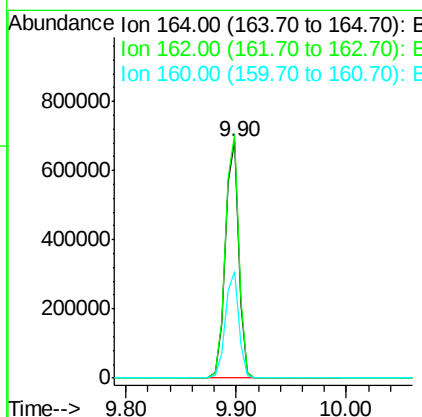
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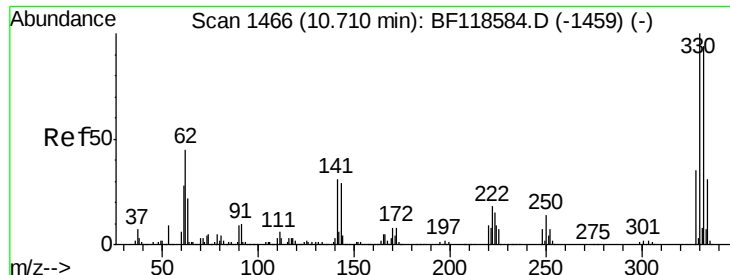
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.8	121.2
160	45.0	35.4	53.0





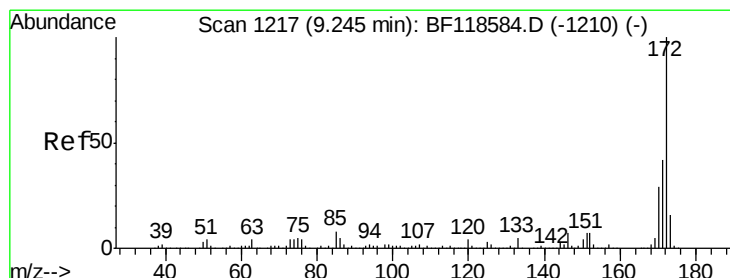
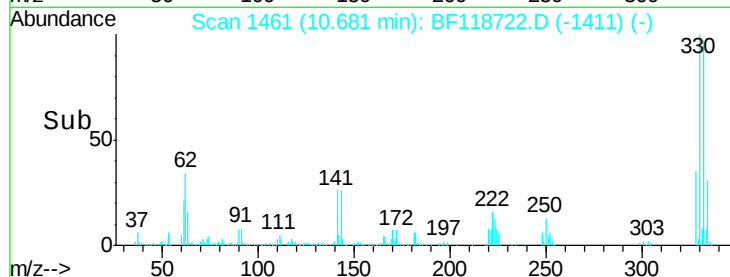
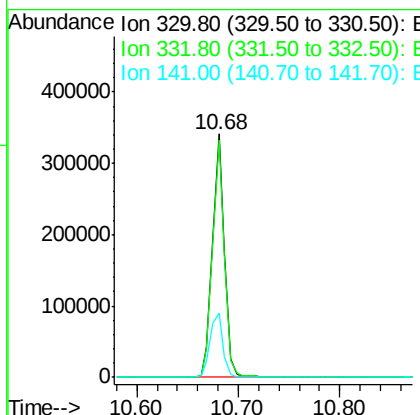
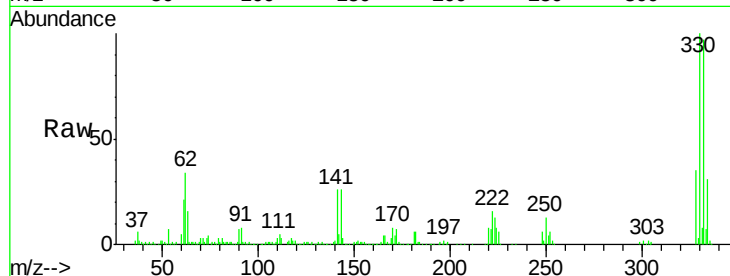
#42
 2,4,6-Tribromophenol
 Concen: 41.566 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF118722.D
 Acq: 27 Jan 2020 16:41

Instrument :
 BNA_F
 ClientSampleId :
 CTY-SB-0203-0-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	282413		
332	97.2		77.6	116.4
141	28.0		22.2	33.2

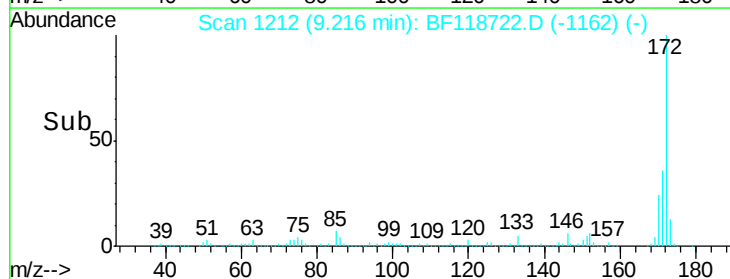
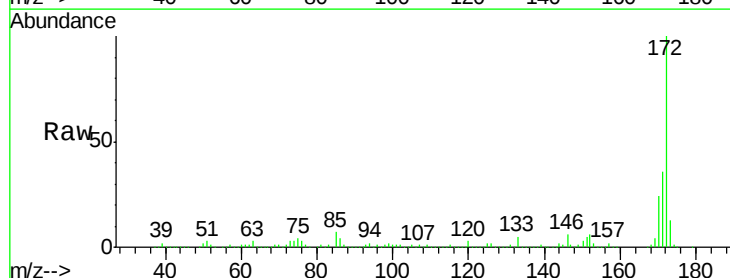
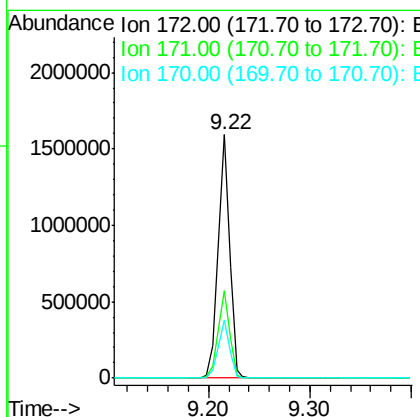
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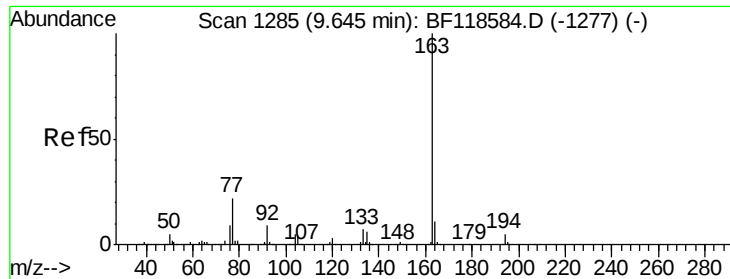
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#45
 2-Fluorobiphenyl
 Concen: 35.794 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118722.D
 Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1279272		
171	36.0		31.0	46.4
170	23.6		20.7	31.1





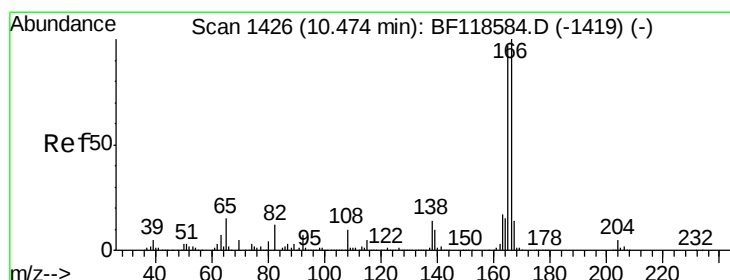
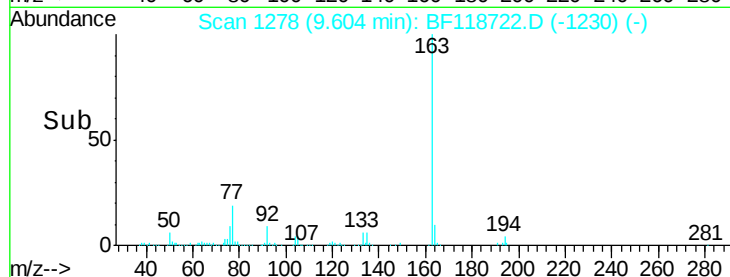
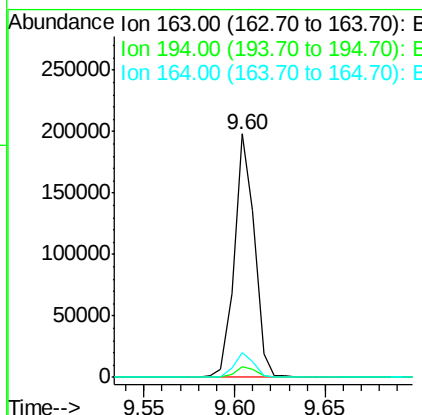
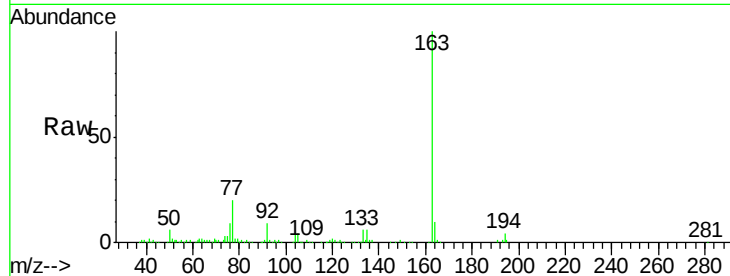
#50
Dimethylphthalate
Concen: 3.965 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.0	8.2	12.2

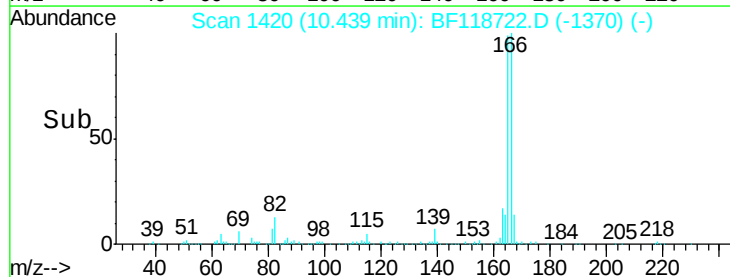
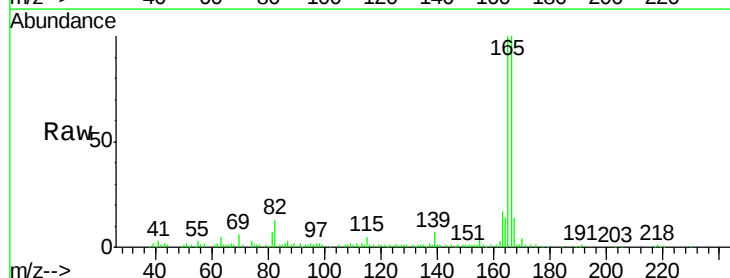
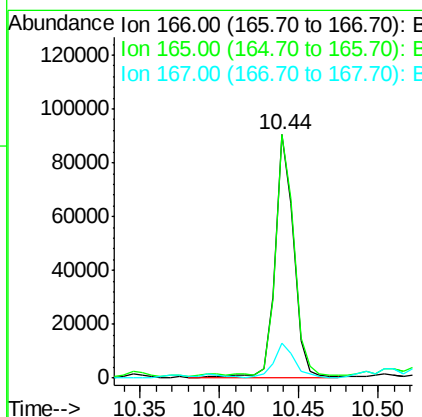
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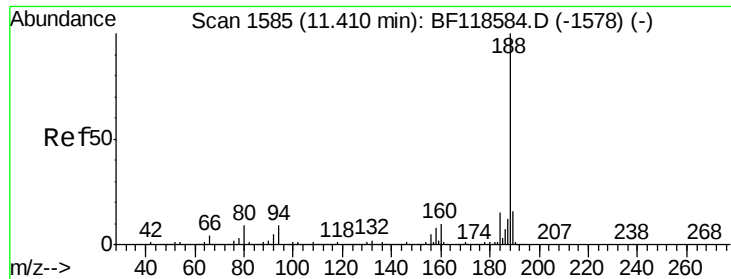
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#58
Fluorene
Concen: 2.156 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	78.6	118.0
167	14.3	11.4	17.2





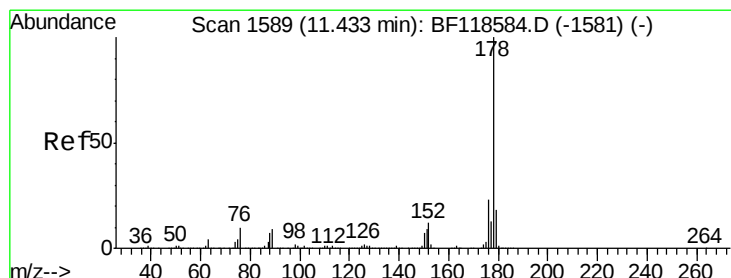
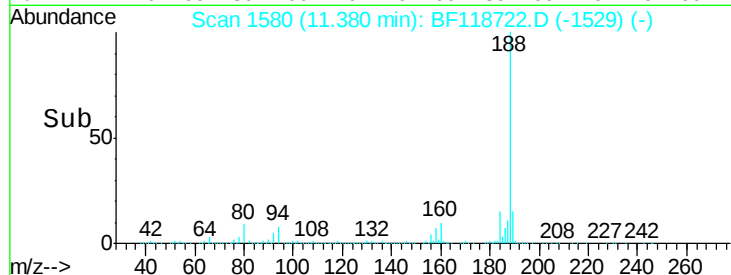
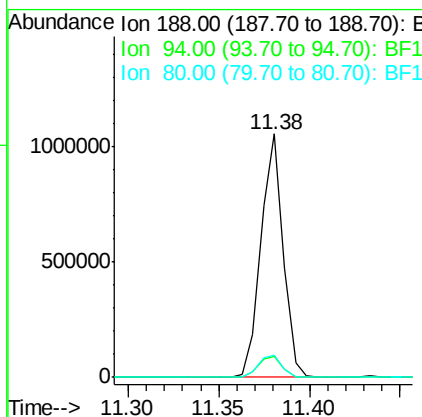
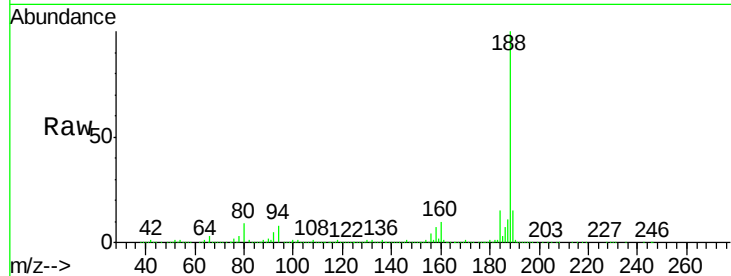
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	7.4	11.2
80	9.1	7.8	11.8

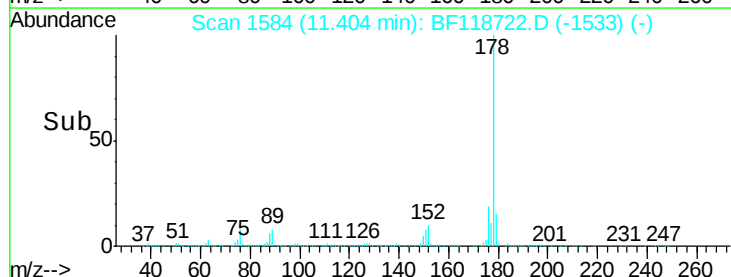
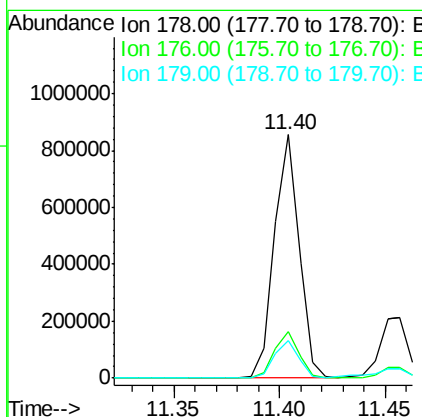
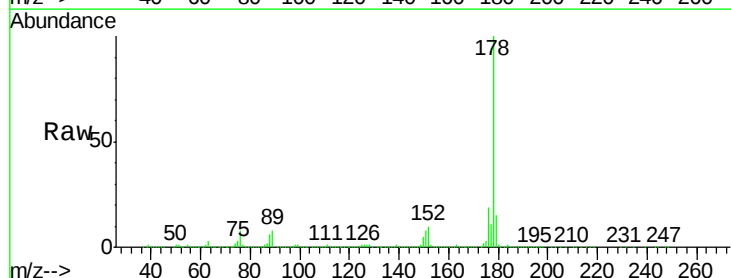
Manual Integrations
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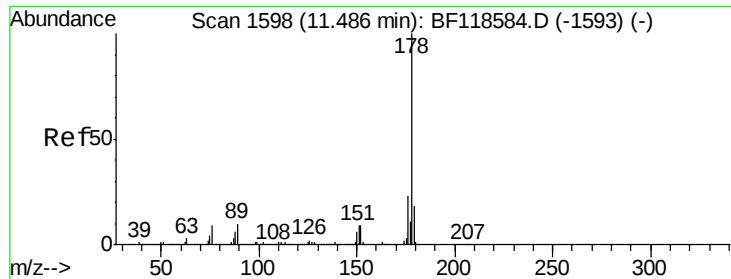
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#71
Phenanthrene
Concen: 16.126 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.2	16.5	24.7
179	15.3	13.3	19.9





#72

Anthracene

Concen: 4.511 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BF118722.D

Acq: 27 Jan 2020 16:41

Instrument :

BNA_F

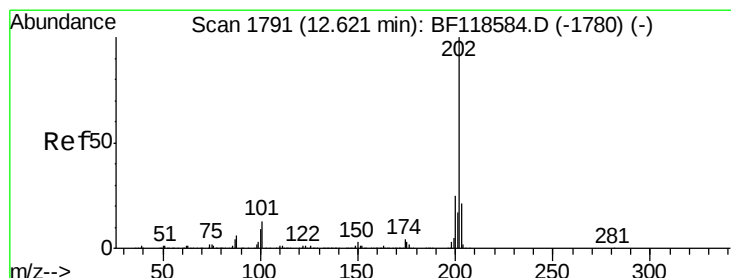
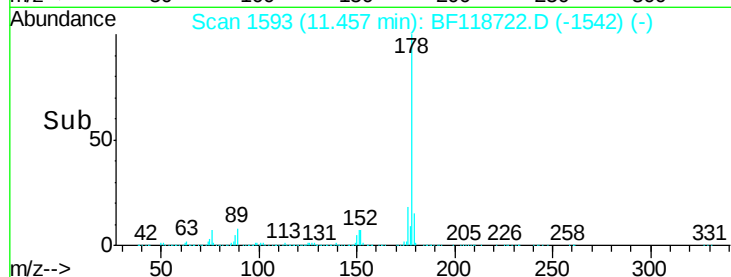
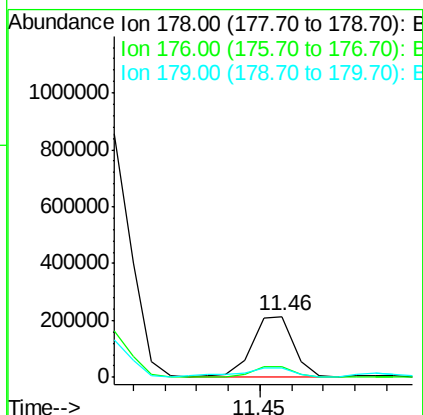
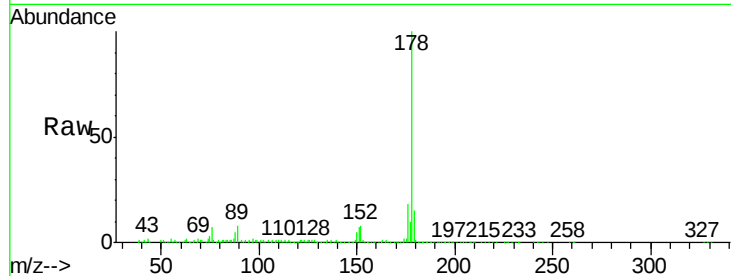
ClientSampleId :

CTY-SB-0203-0-11

Tot Ion:	178	Resp:	193759
Ion Ratio	Lower	Upper	
178	100		
176	17.9	15.8	23.8
179	15.0	13.3	19.9

Manual Integrations
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#75

Fluoranthene

Concen: 16.089 ng

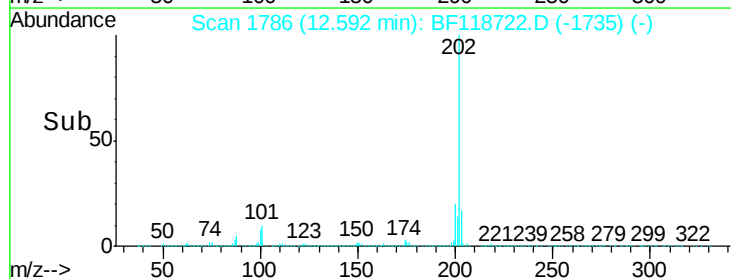
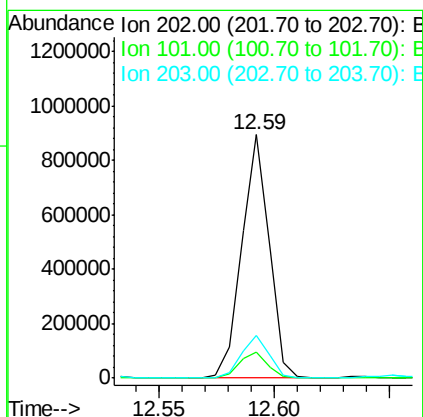
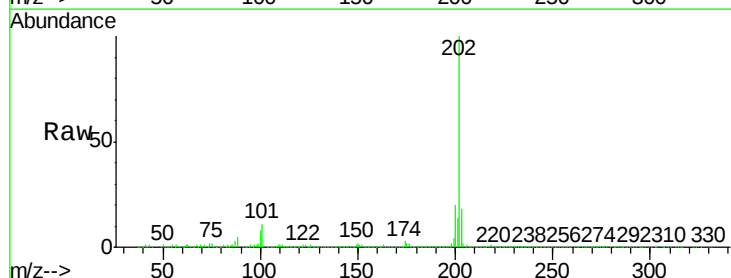
RT: 12.59 min Scan# 1786

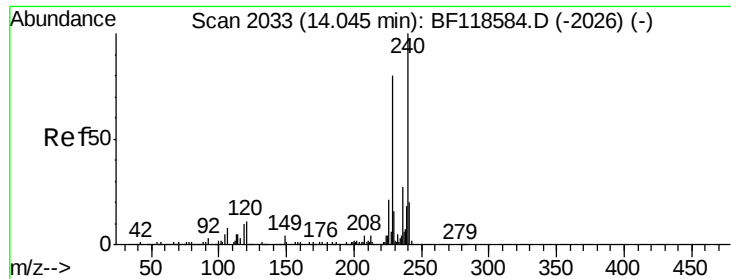
Delta R.T. -0.00 min

Lab File: BF118722.D

Acq: 27 Jan 2020 16:41

Tgt Ion:	202	Resp:	736688
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	32.1
203	17.6	0.0	38.9





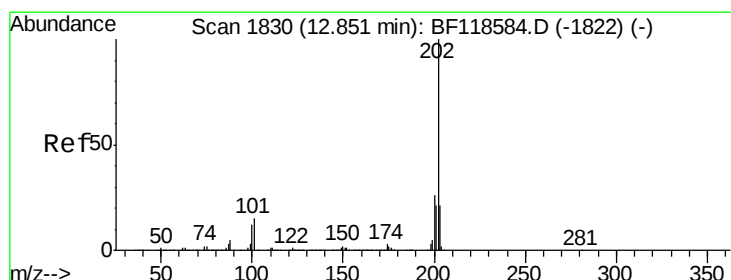
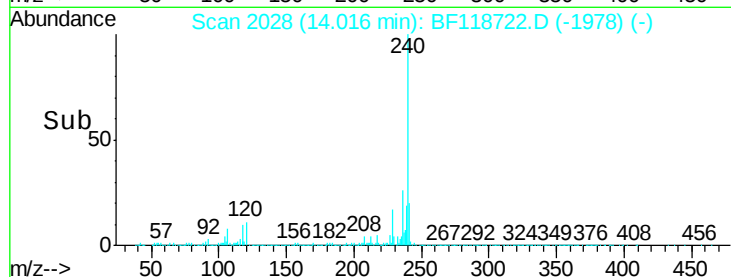
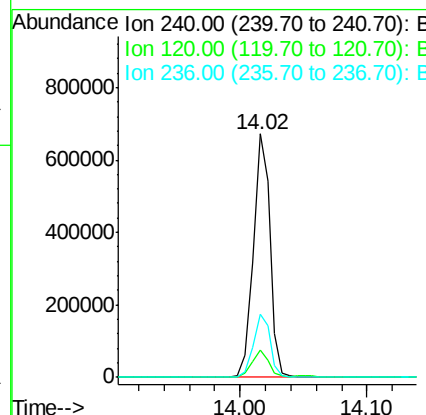
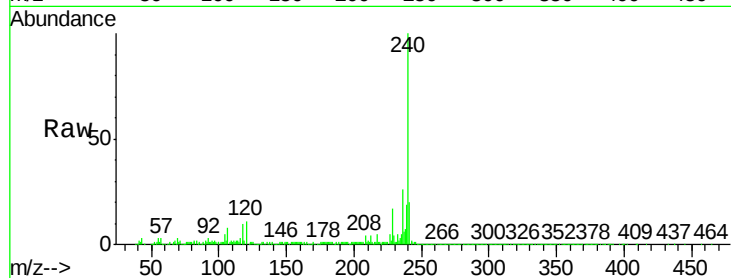
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	7.6	11.4
236	25.8	21.0	31.4

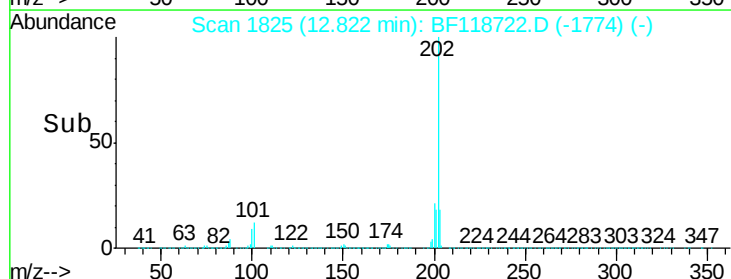
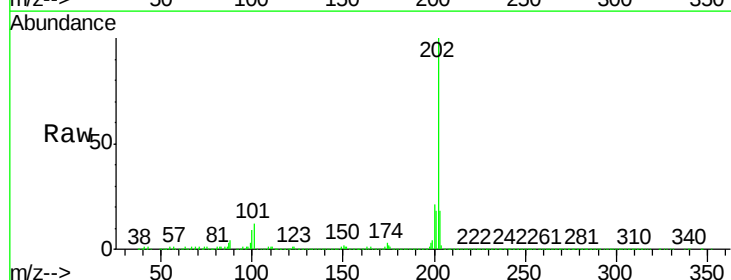
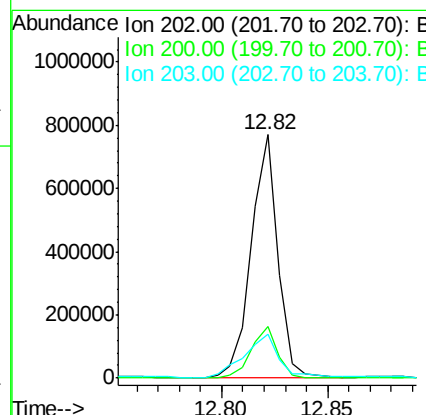
Manual Integrations
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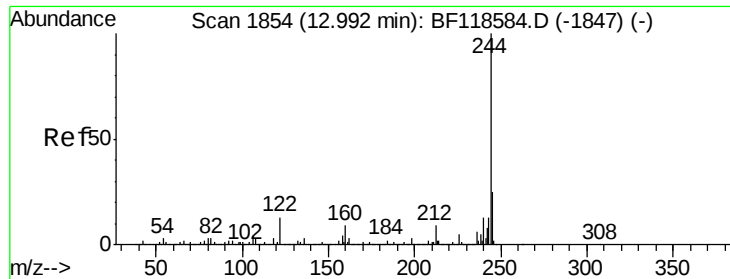
mohammad
1/28/2020 1:13:14 PM



#78
Pyrene
Concen: 16.189 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.1	27.1
203	18.0	15.2	22.8





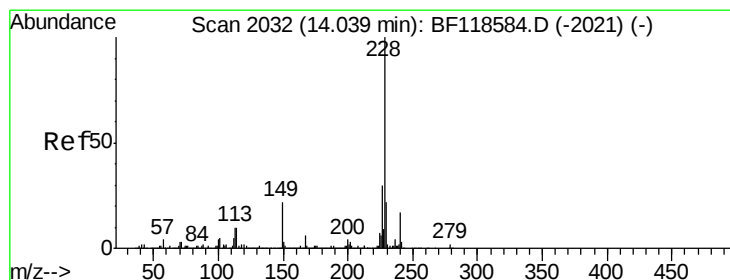
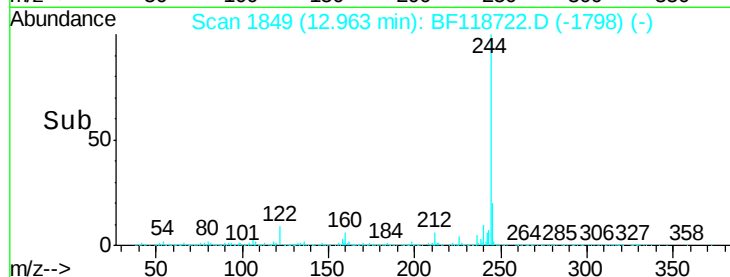
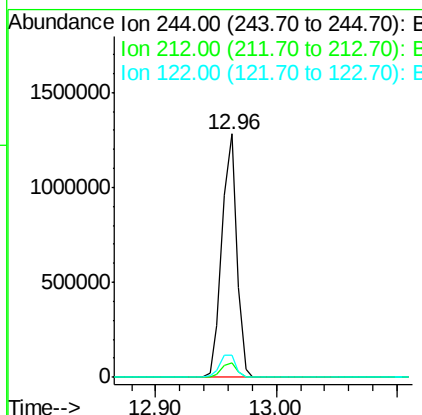
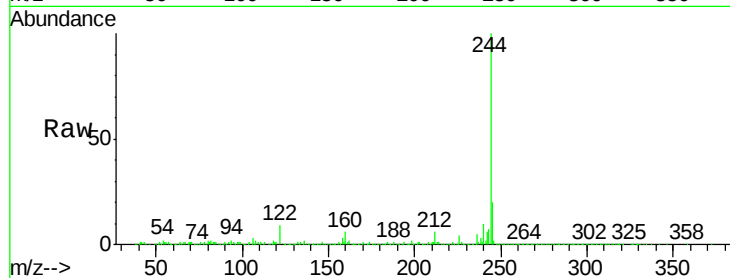
#79
 Terphenyl-d14
 Concen: 38.576 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF118722.D
 Acq: 27 Jan 2020 16:41

Instrument :
 BNA_F
 ClientSampleId :
 CTY-SB-0203-0-11

Tot Ion:244 Resp: 1082340
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.3 9.5#
 122 8.9 9.2 13.8#

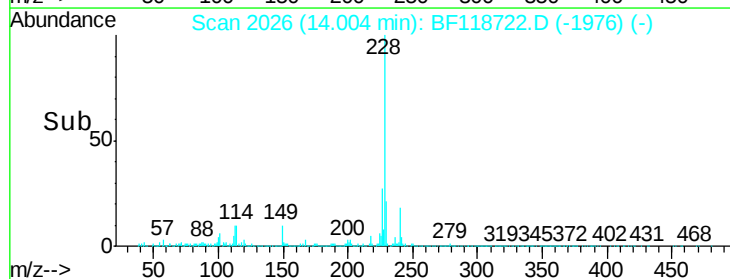
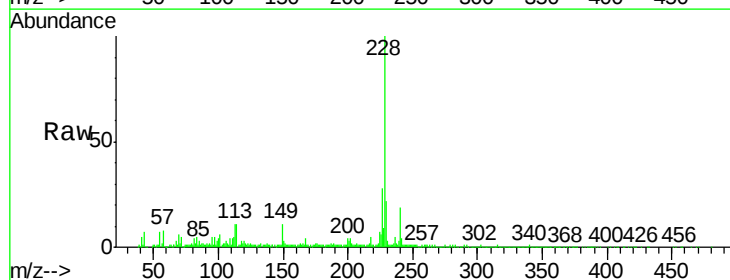
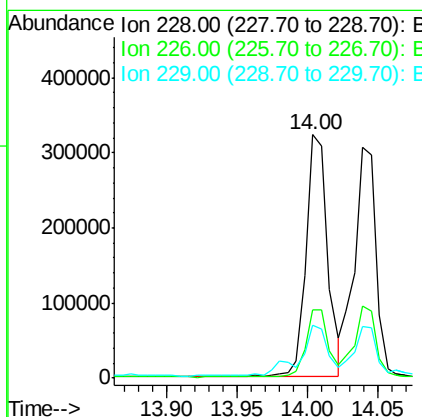
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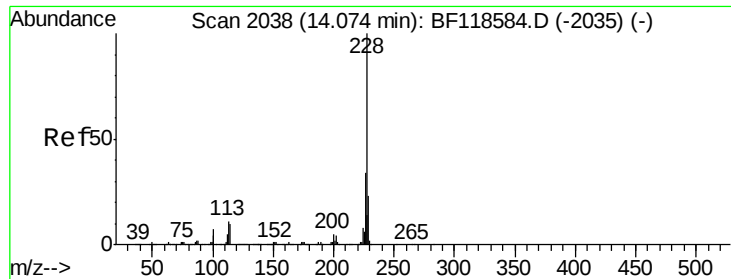
mohammad
 1/28/2020 1:13:14 PM



#81
 Benzo(a)anthracene
 Concen: 9.343 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF118722.D
 Acq: 27 Jan 2020 16:41

Tgt Ion:228 Resp: 343941
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.6 34.0
 229 21.5 16.6 25.0





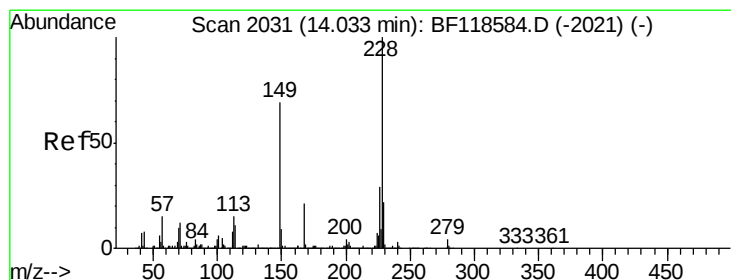
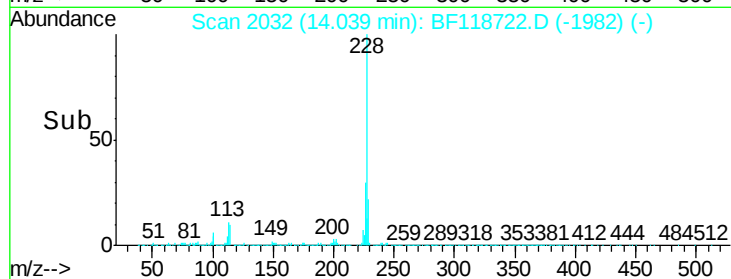
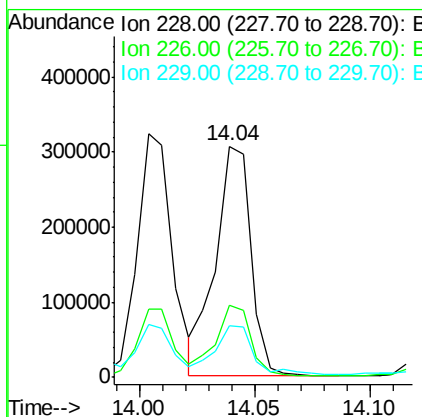
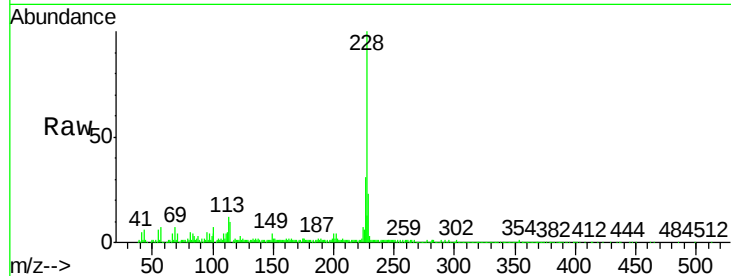
#83
Chrvsene
Concen: 9.253 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.6	38.4
229	22.6	17.1	25.7

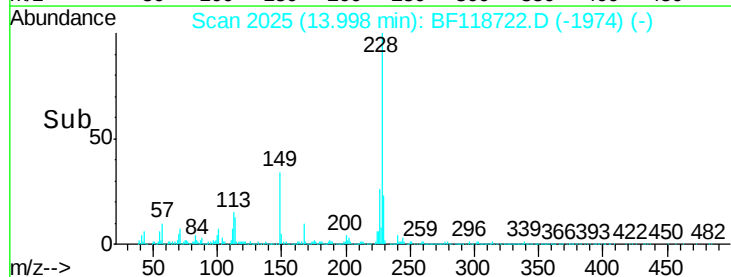
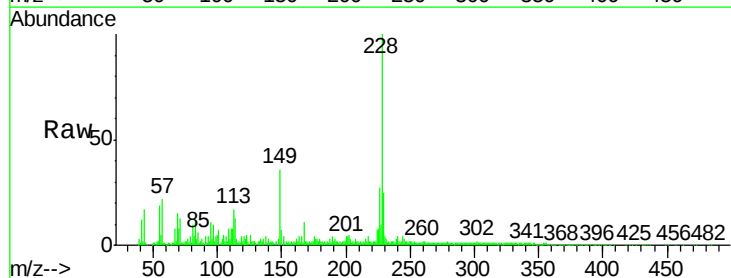
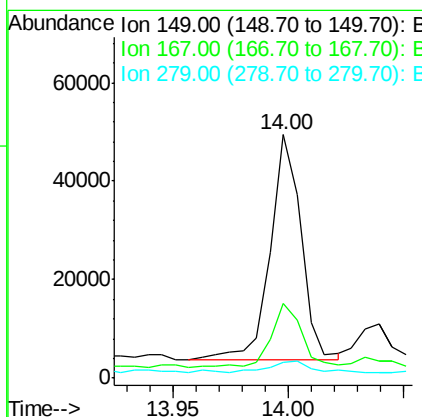
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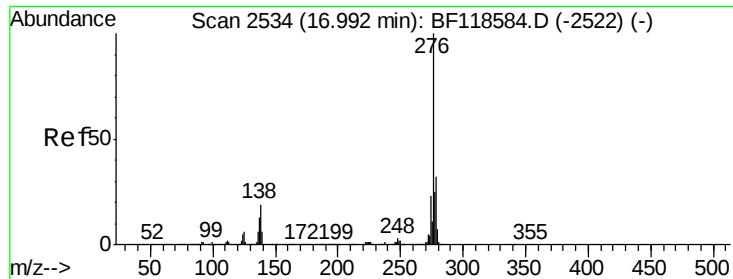
mohammad
1/28/2020 1:13:14 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.054 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	23.6	35.4
279	6.4	4.5	6.7





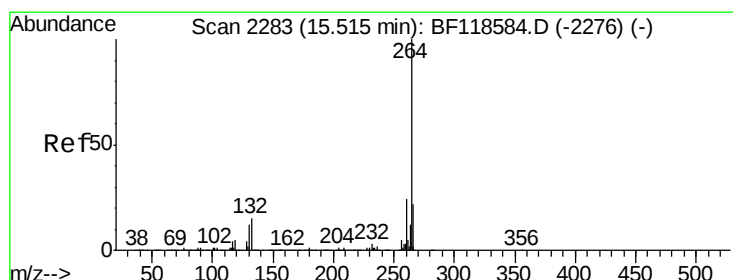
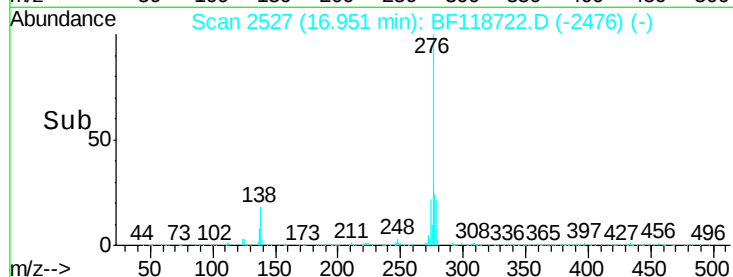
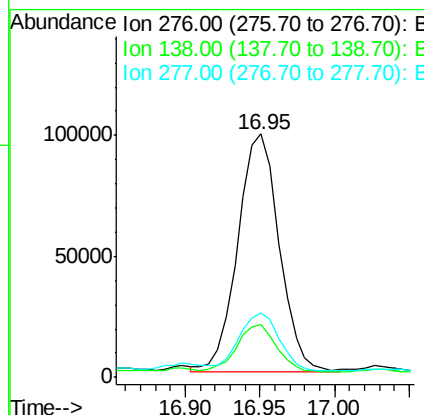
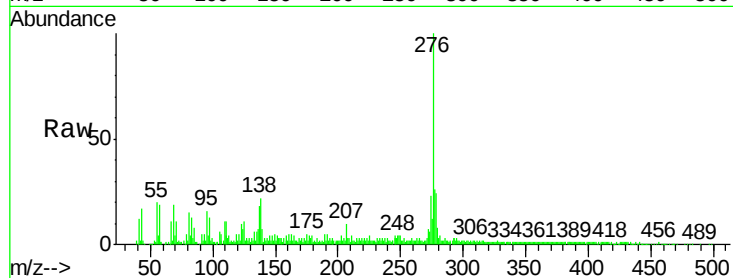
#86
Indeno(1,2,3-cd)pyrene
Concen: 6.226 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.5	18.2	27.4
277	23.1	20.4	30.6

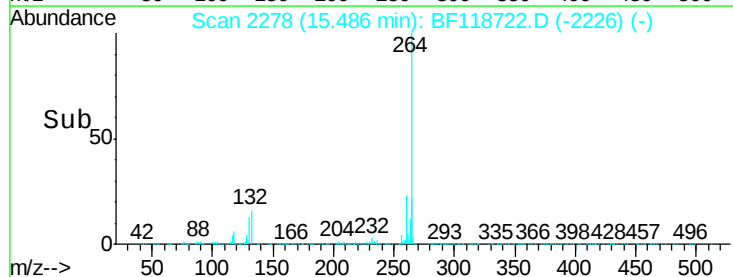
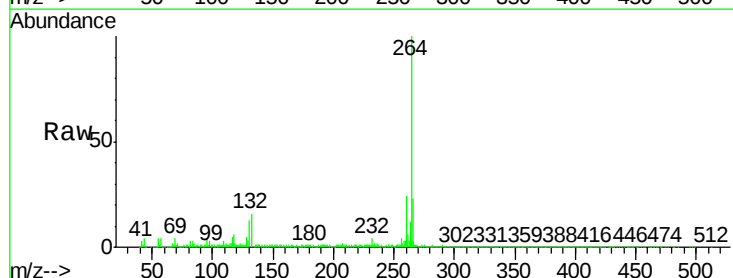
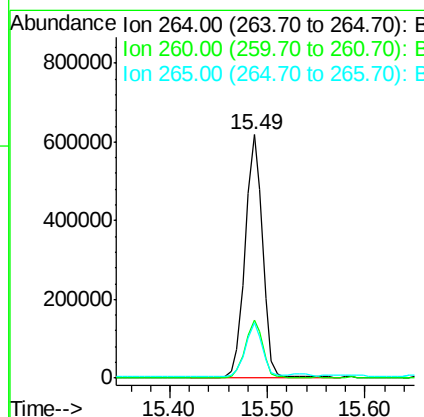
Manual Integrations
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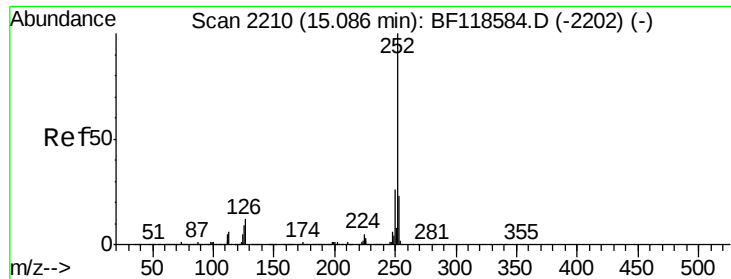
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.8	17.0	25.6





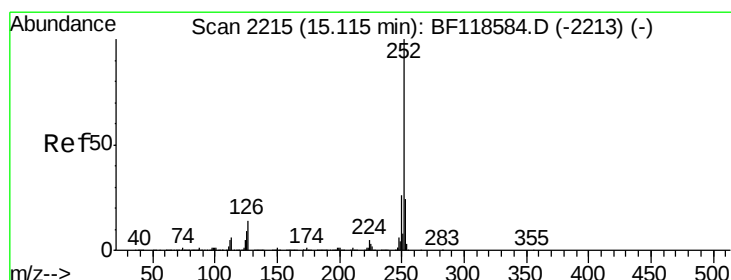
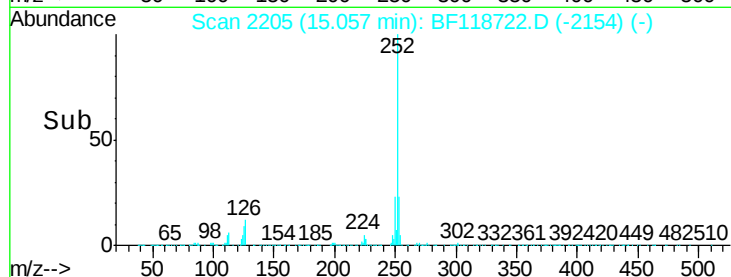
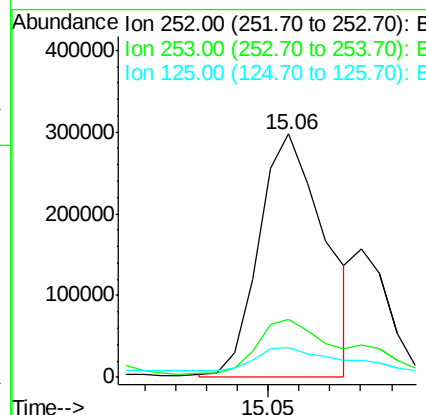
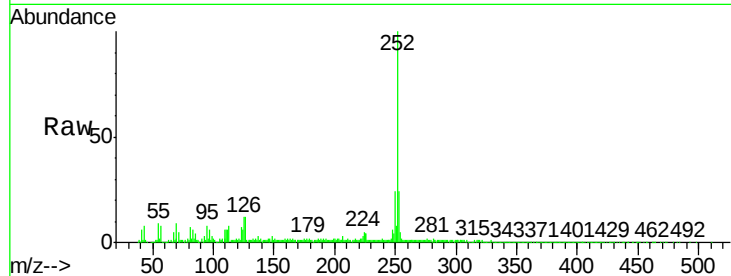
#88
Benzo(b)fluoranthene
Concen: 9.209 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	12.3	7.7	11.5#

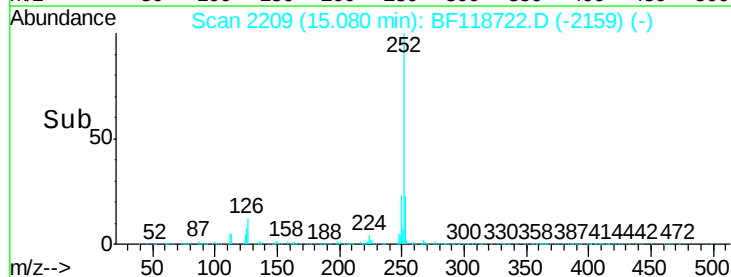
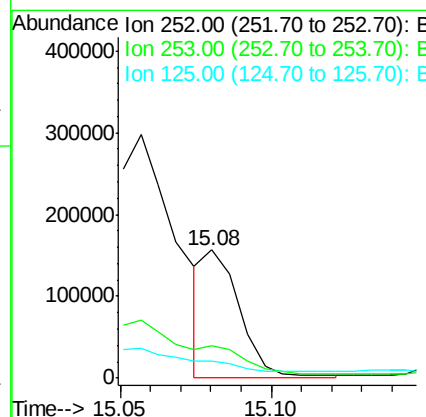
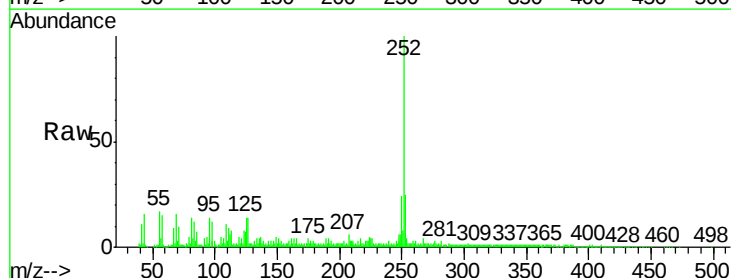
Manual Integrations
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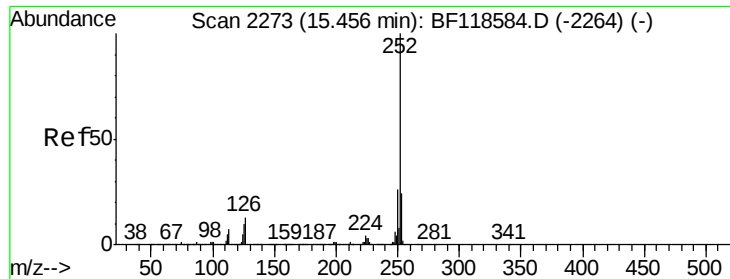
mohammad
1/28/2020 1:13:14 PM



#89
Benzo(k)fluoranthene
Concen: 2.946 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.4	27.6
125	13.8	8.1	12.1#





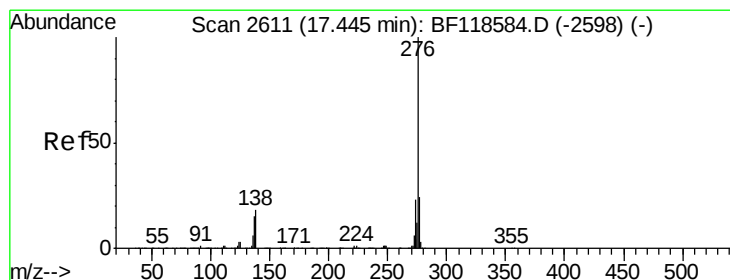
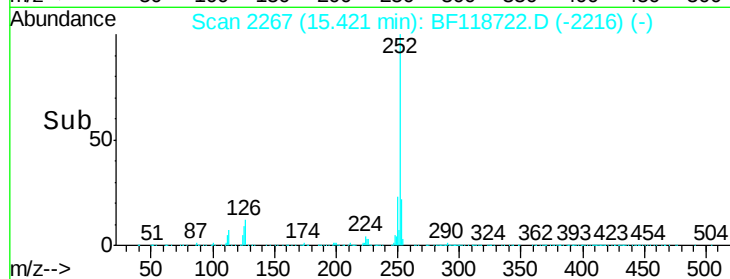
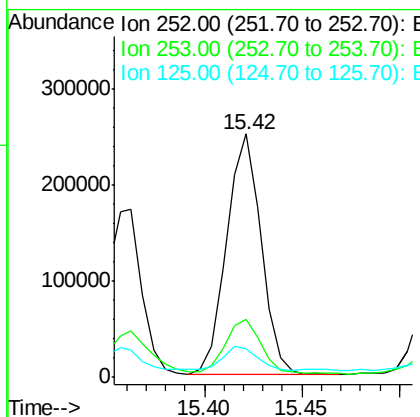
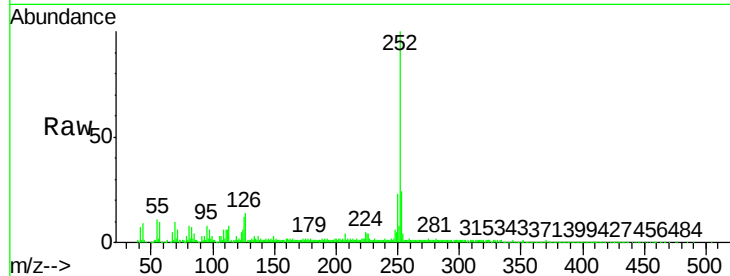
#90
Benzo(a)pyrene
Concen: 7.449 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Instrument :
BNA_F
ClientSampleId :
CTY-SB-0203-0-11

Tot Ion:	252	Resp:	307231
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.4
125	11.9	8.3	12.5

Manual Integrations
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1/28/2020 1:13:14 PM



#92
Benzo(g,h,i)perylene
Concen: 4.959 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BF118722.D
Acq: 27 Jan 2020 16:41

Tgt Ion:	276	Resp:	175665
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.0	28.6
138	20.2	15.4	23.2

