

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
 Data File : BF121731.D
 Acq On : 29 Sep 2020 15:15
 Operator : JU/CG
 Sample : L4172-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-8(11-13)

Manual Integrations
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Quant Time: Sep 29 17:33:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	123024	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	462694	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	217464	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	374029	20.00	ng	0.00
76) Chrysene-d12	13.94	240	277835	20.00	ng	0.00
86) Perylene-d12	15.39	264	255244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	868755	104.95	ng	0.00
7) Phenol-d6	6.43	99	1077040	99.17	ng	0.00
23) Nitrobenzene-d5	7.35	82	707897	82.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	281219	104.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1197808	83.42	ng	0.00
79) Terphenyl-d14	12.90	244	1300158	94.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.54	163	119467	7.580	ng	99
71) Phenanthrene	11.33	178	156779	7.693	ng	98
75) Fluoranthene	12.52	202	176201	8.100	ng	99
78) Pyrene	12.75	202	170714	8.410	ng	99
81) Benzo(a)anthracene	13.93	228	83224	4.735	ng	99
83) Chrysene	13.97	228	65535	3.682	ng	95
87) Indeno(1,2,3-cd)pyrene	16.80	276	43911	2.642	ng	97
88) Benzo(b)fluoranthene	14.97	252	76869m	4.505	ng	
90) Benzo(a)pyrene	15.32	252	56932	3.925	ng	# 91
92) Benzo(g,h,i)perylene	17.23	276	45022	3.310	ng	95

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

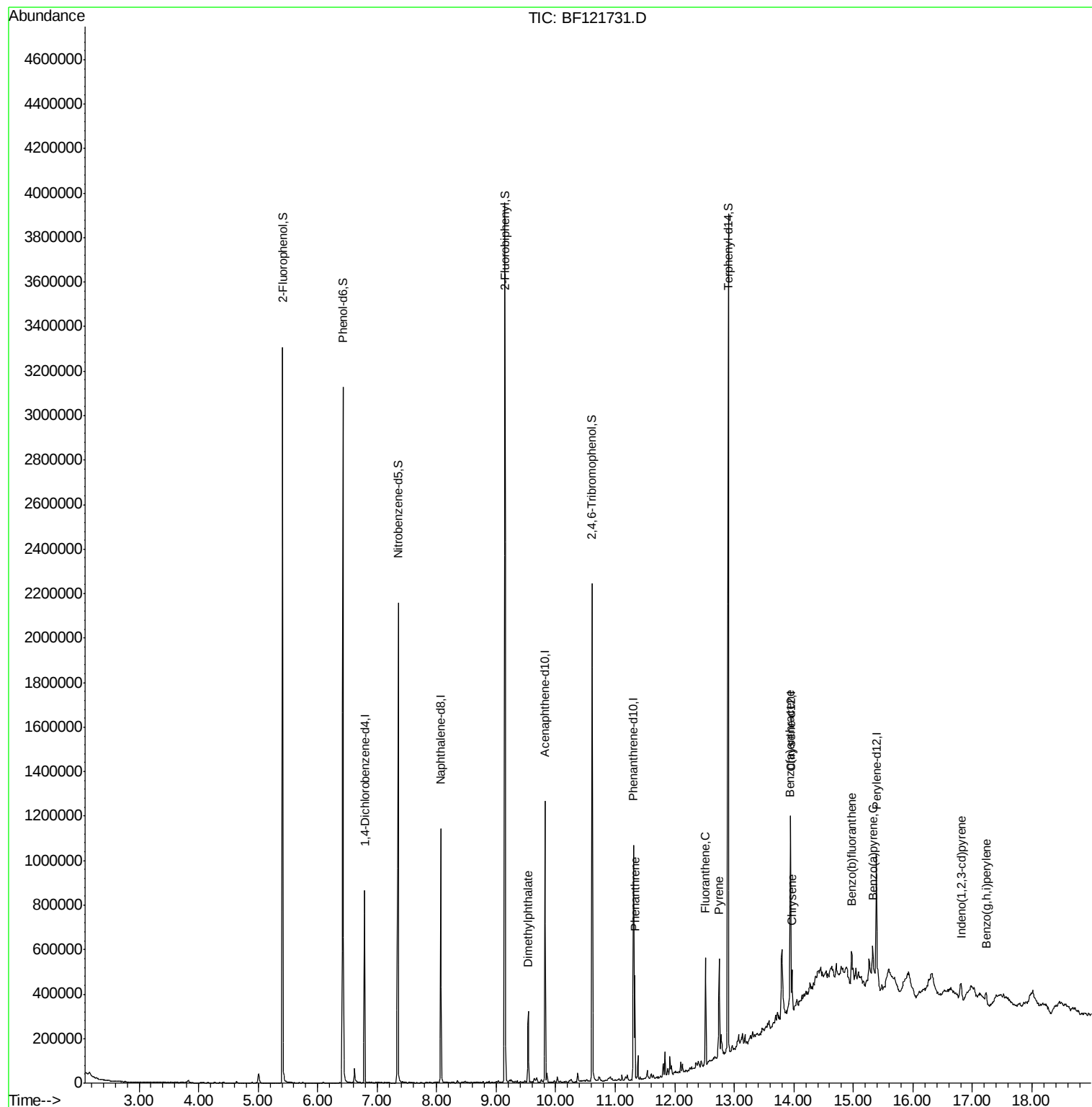
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092920\
Data File : BF121731.D
Acq On : 29 Sep 2020 15:15
Operator : JU/CG
Sample : L4172-13
Misc :
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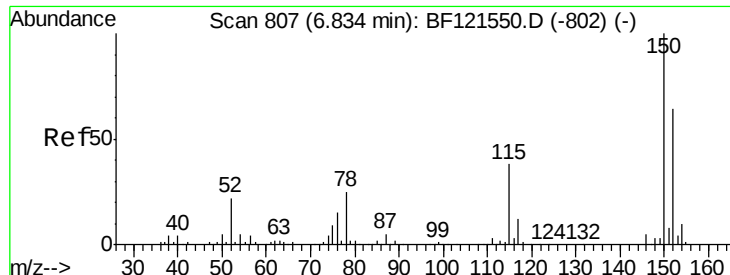
Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

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Quant Time: Sep 29 17:33:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration





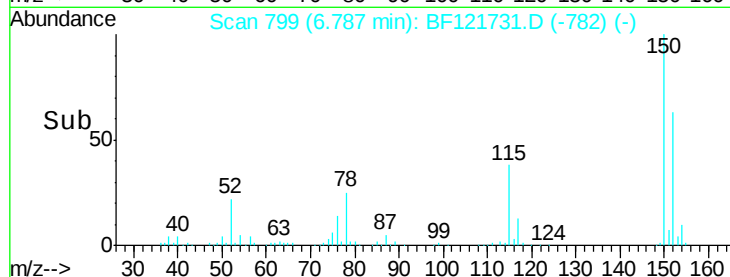
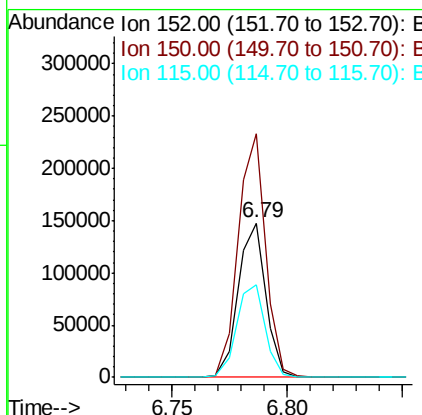
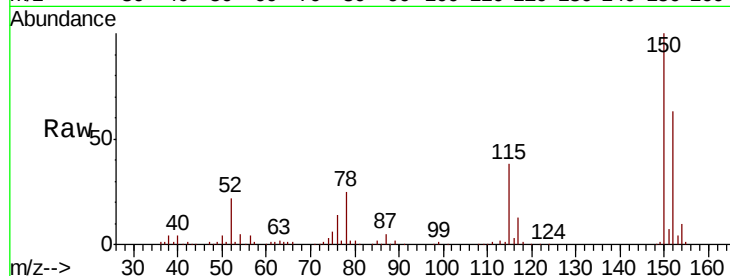
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Instrument :
 BNA_F
 ClientSampleId :
 B-8(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	125.8	188.8
115	59.9	49.6	74.4

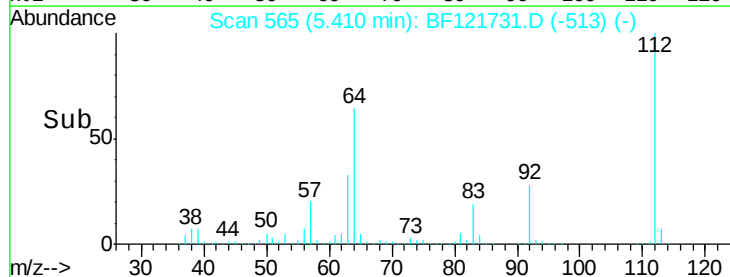
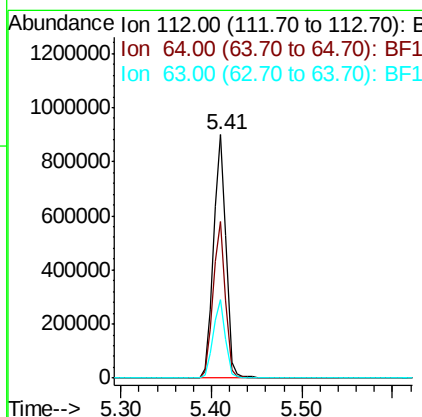
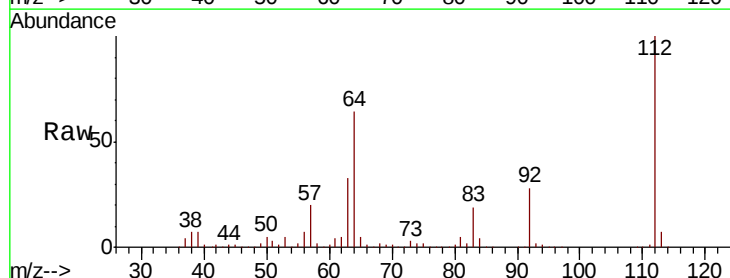
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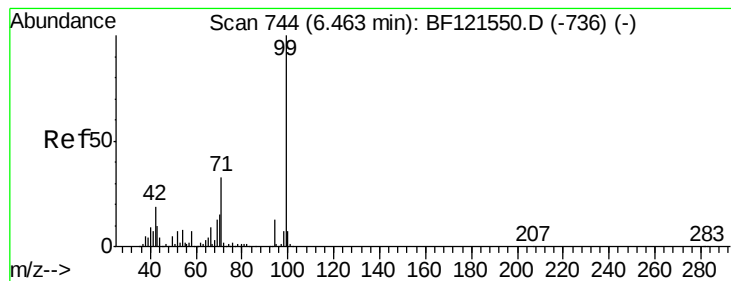
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#5
 2-Fluorophenol
 Concen: 104.945 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.2	76.8
63	32.5	25.9	38.9





#7

Phenol-d6

Concen: 99.171 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121731.D

Acq: 29 Sep 2020 15:15

Instrument :

BNA_F

ClientSampled :

B-8(11-13)

Tot Ion: 99 Resp: 1077040

Ion Ratio Lower Upper

99 100

42 19.7 16.5 24.7

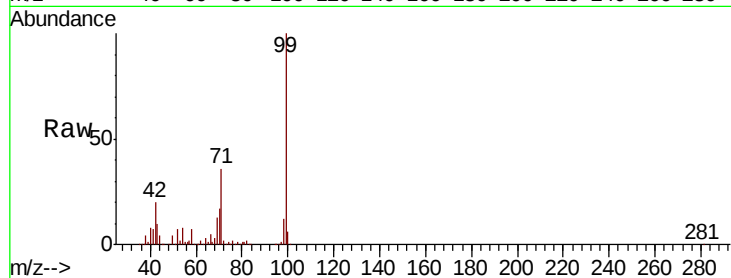
71 35.6 27.8 41.6

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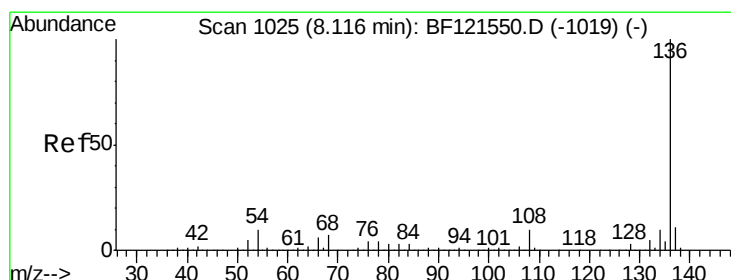
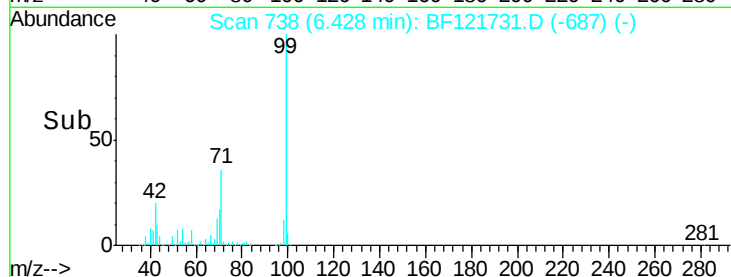
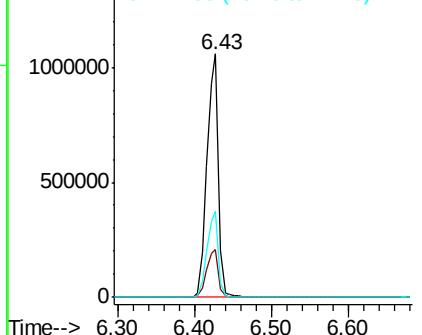
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF121731.D

Acq: 29 Sep 2020 15:15

Tgt Ion: 136 Resp: 462694

Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.8 7.8 11.8

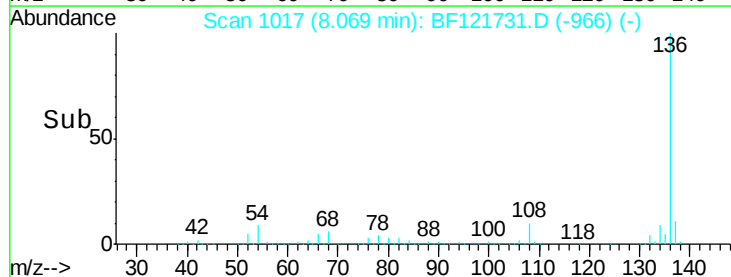
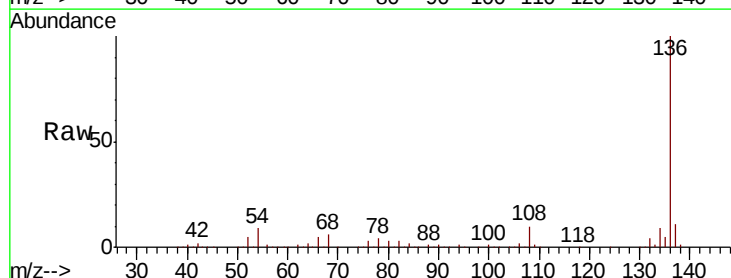
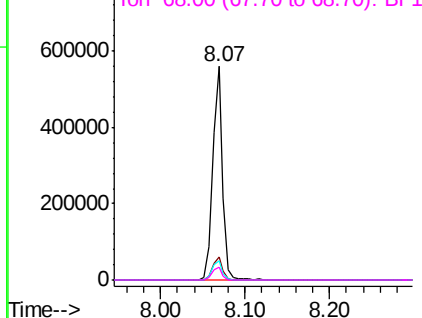
68 6.3 5.6 8.4

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





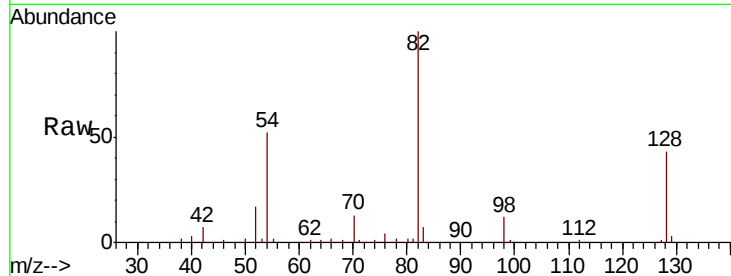
#23
Nitrobenzene-d5
Concen: 82.146 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampled :
B-8(11-13)

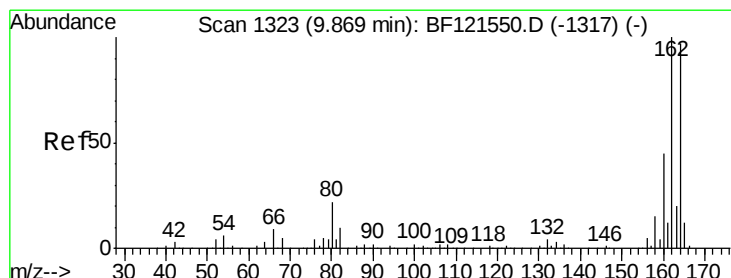
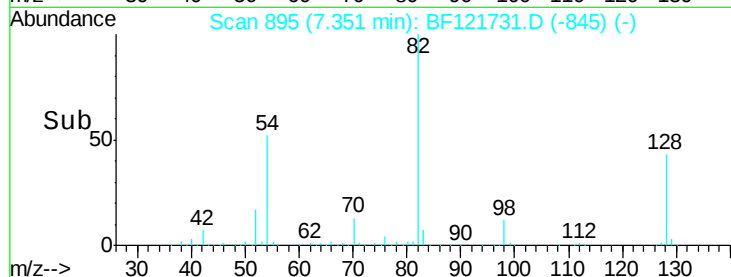
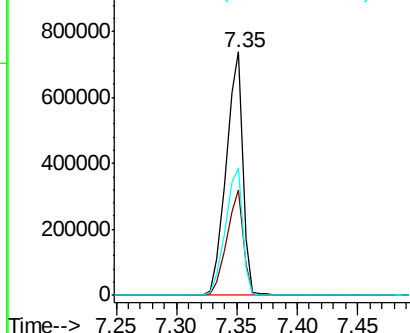
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.0	52.4
54	52.3	42.5	63.7

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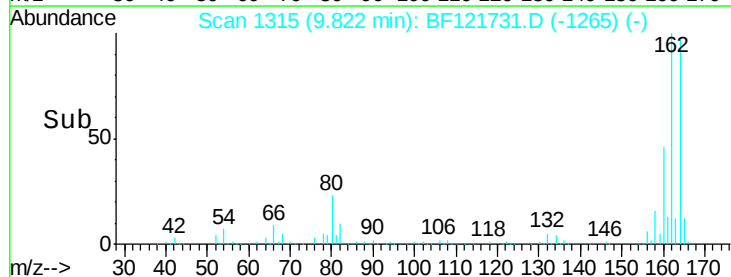
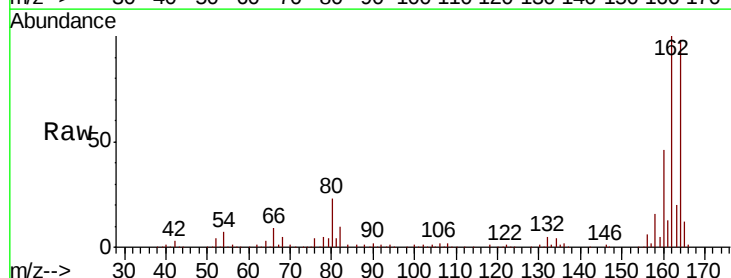
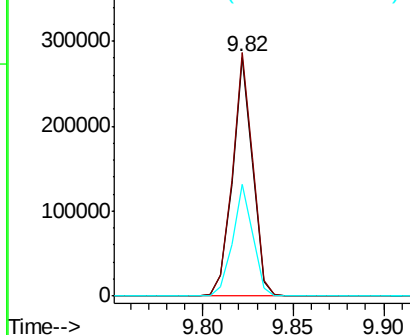
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	46.6	36.9	55.3

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





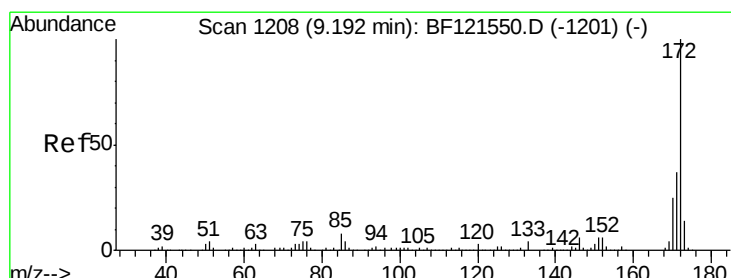
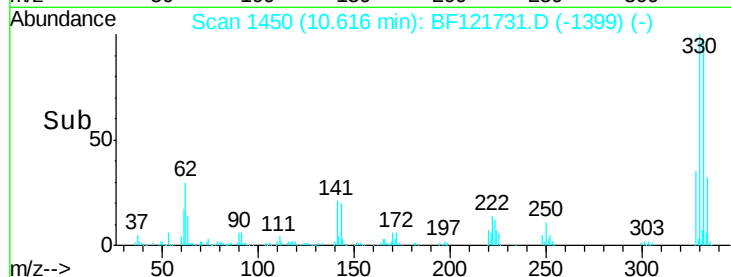
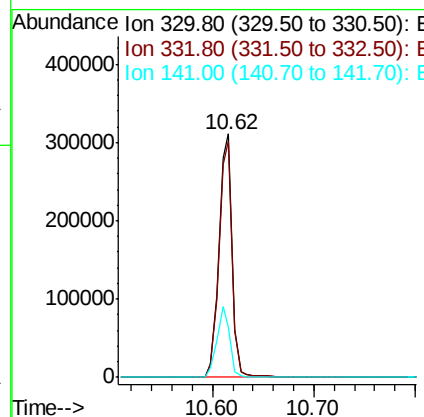
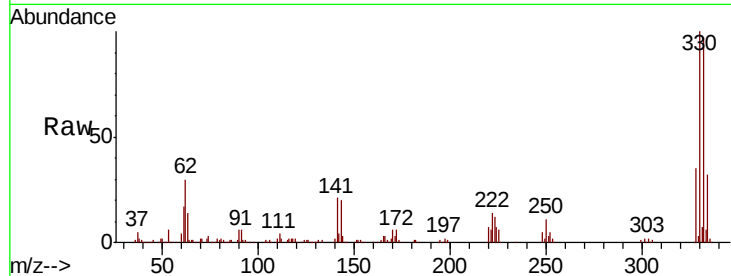
#42
 2,4,6-Tribromophenol
 Concen: 104.048 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Instrument :
 BNA_F
 ClientSampleId :
 B-8(11-13)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	281219		
332	97.0		77.6	116.4
141	28.6		22.9	34.3

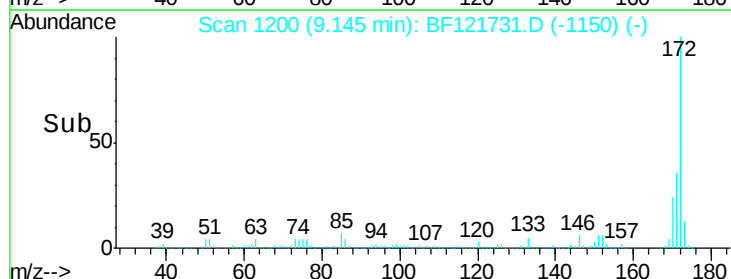
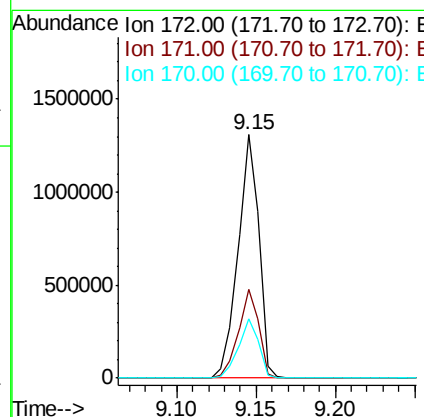
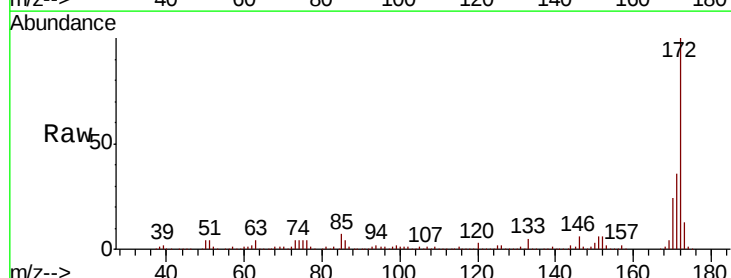
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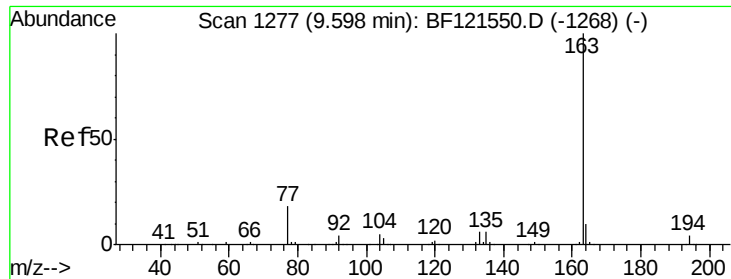
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#45
 2-Fluorobiphenyl
 Concen: 83.422 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1197808		
171	36.3		29.2	43.8
170	24.2		19.7	29.5





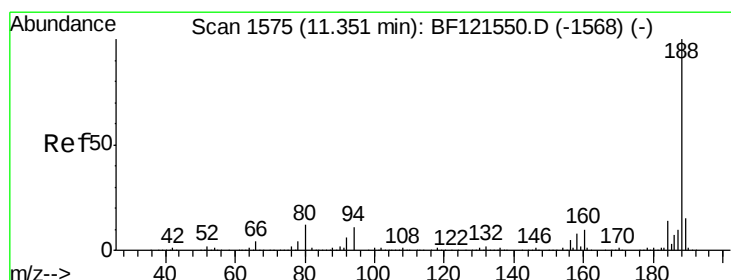
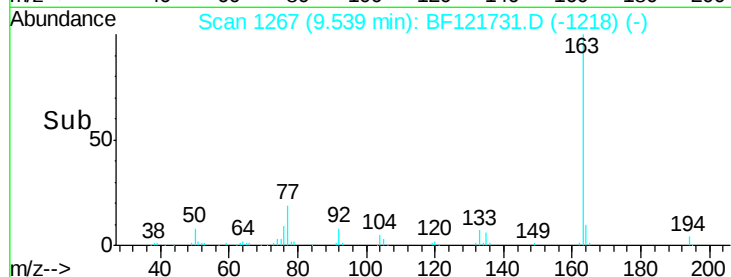
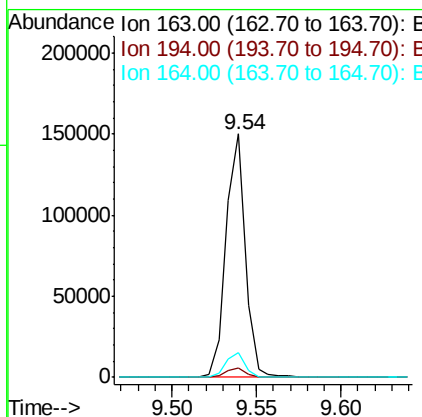
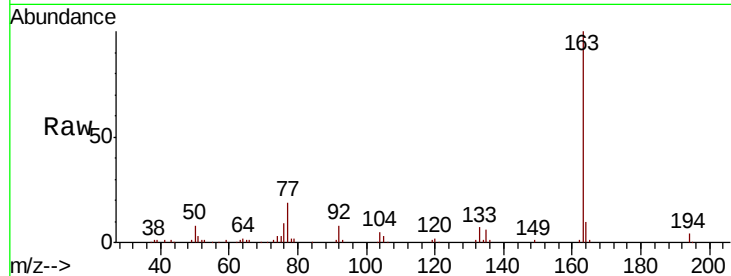
#50
Dimethylphthalate
Concen: 7.580 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.1	3.1	4.7		
164	10.3	8.5	12.7		

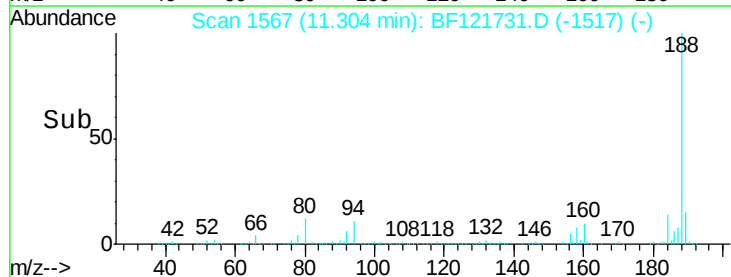
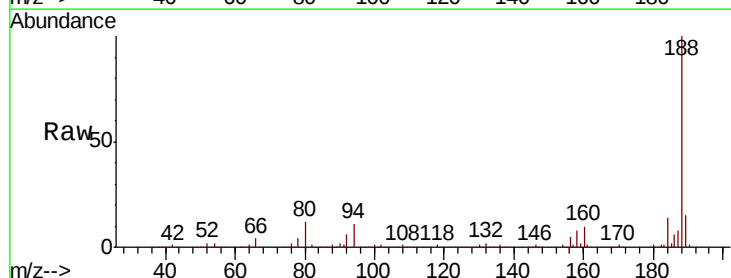
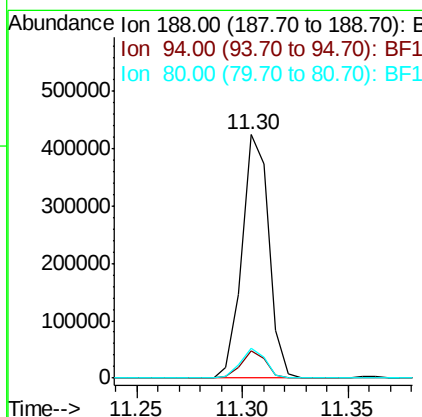
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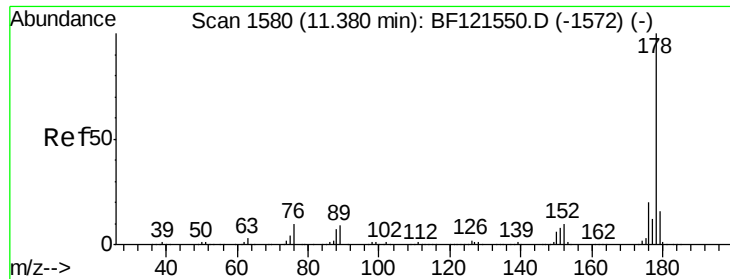
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1	8.2	12.2		
80	12.0	8.9	13.3		





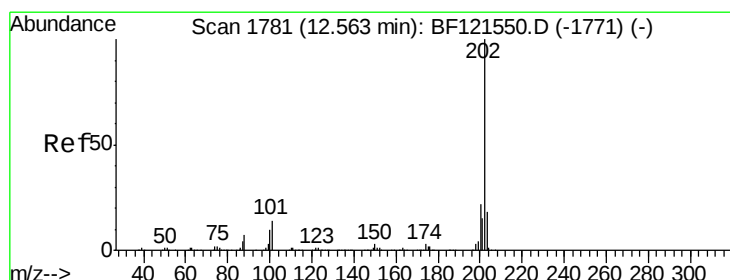
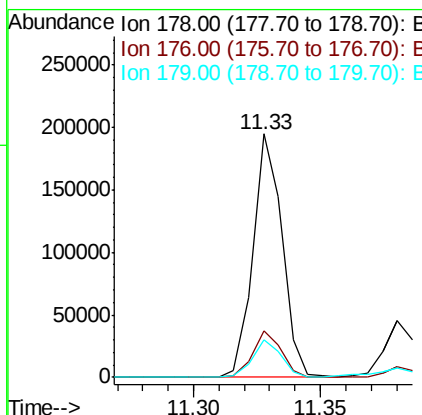
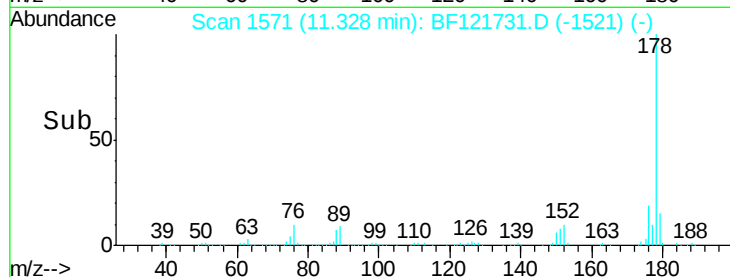
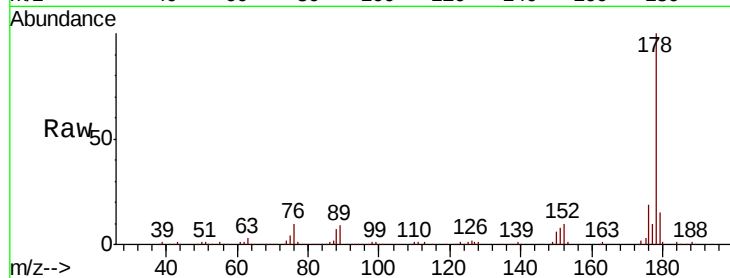
#71
Phenanthrene
Concen: 7.693 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.0	24.0
179	15.2	12.6	19.0

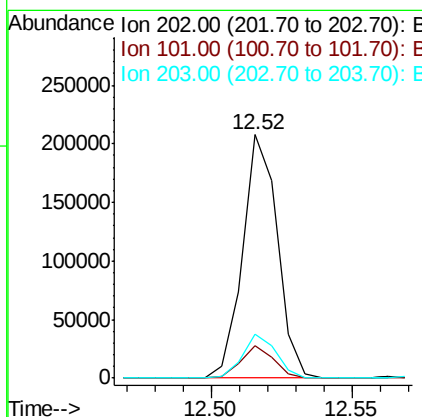
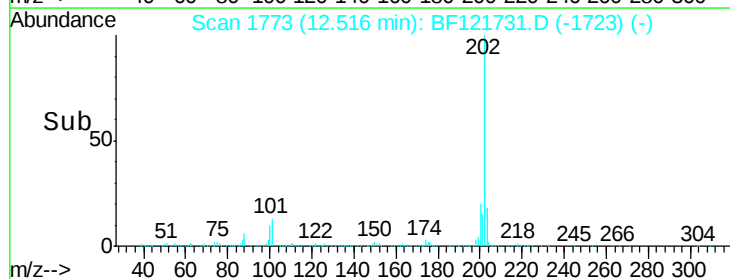
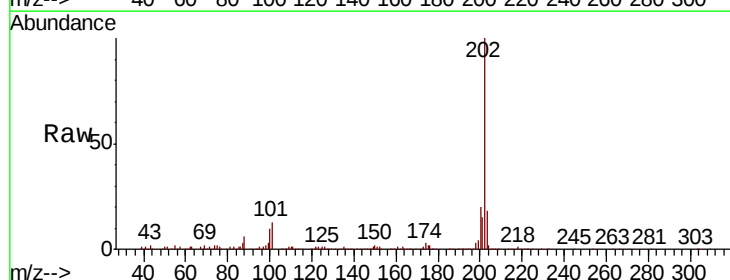
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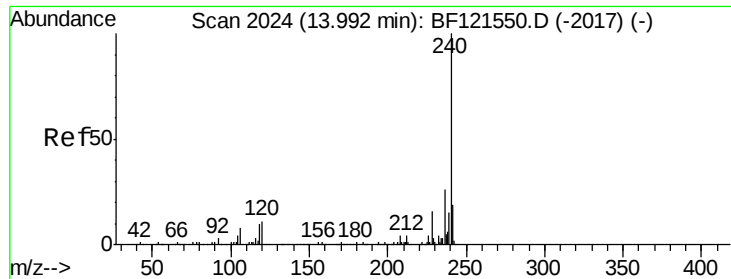
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#75
Fluoranthene
Concen: 8.100 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.0
203	18.0	0.0	38.0





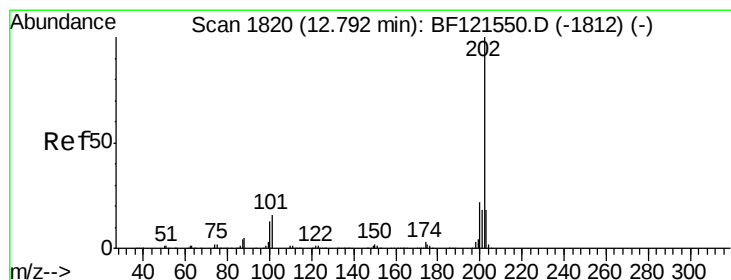
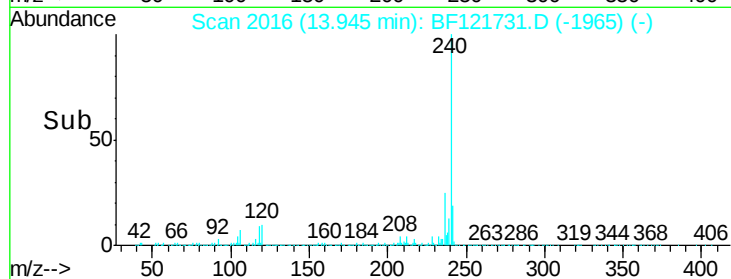
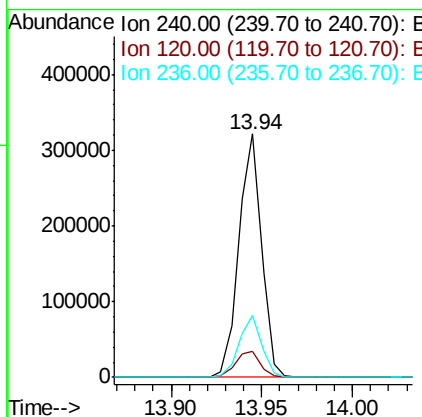
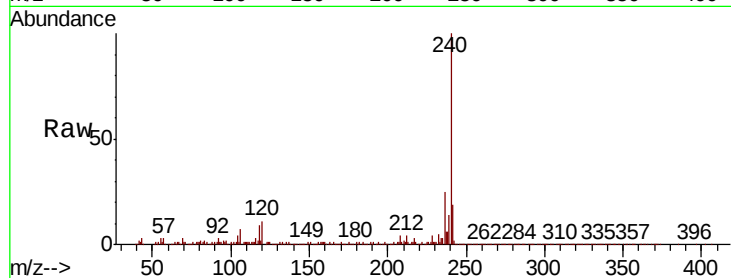
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	10.2	15.4
236	25.4	20.4	30.6

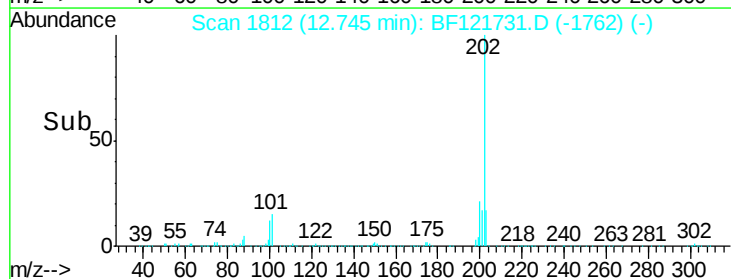
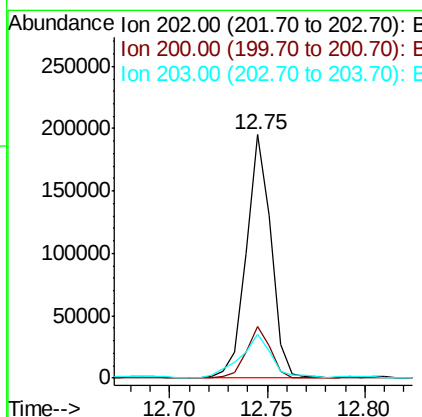
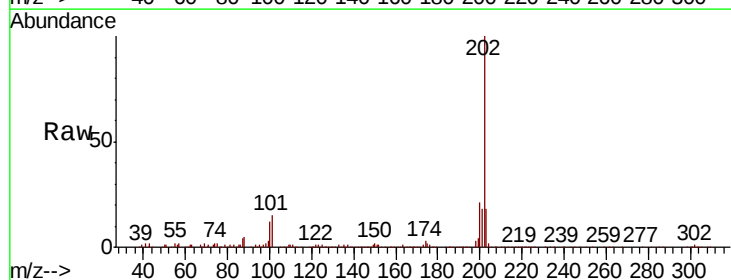
Manual Integrations
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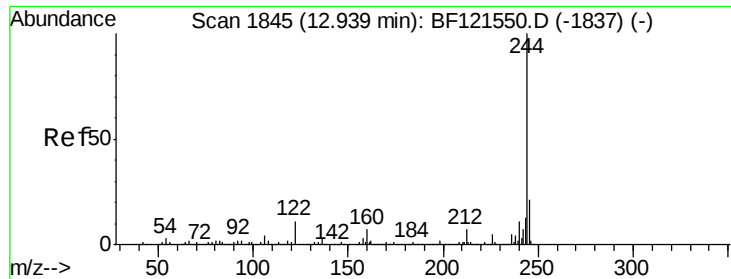
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#78
Pyrene
Concen: 8.410 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.9	14.5	21.7





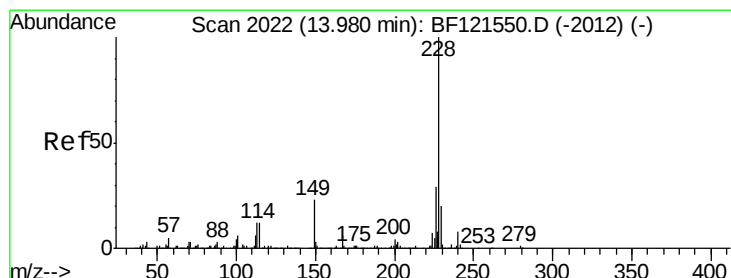
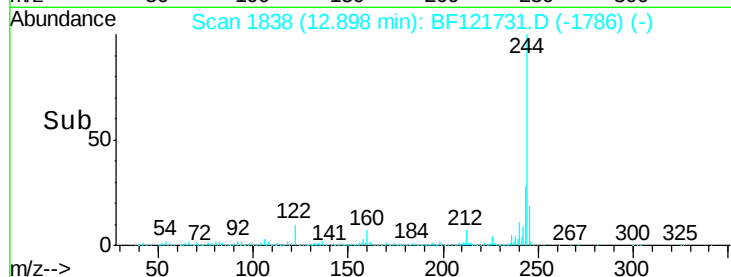
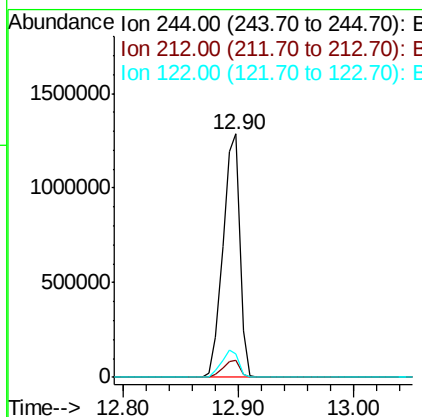
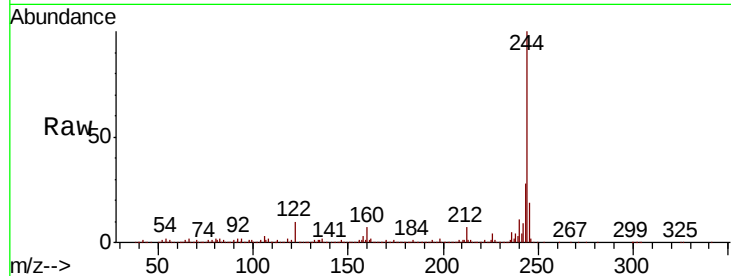
#79
 Terphenyl-d14
 Concen: 94.804 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Instrument :
 BNA_F
 ClientSampleId :
 B-8(11-13)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.7	9.0	13.4

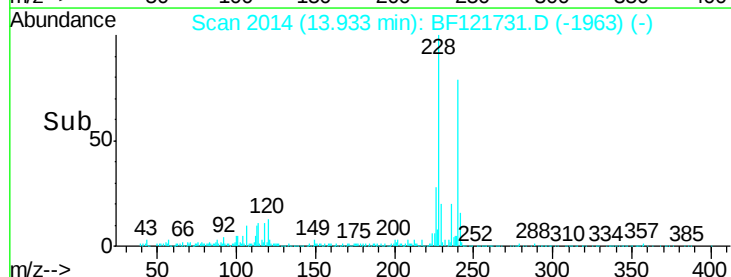
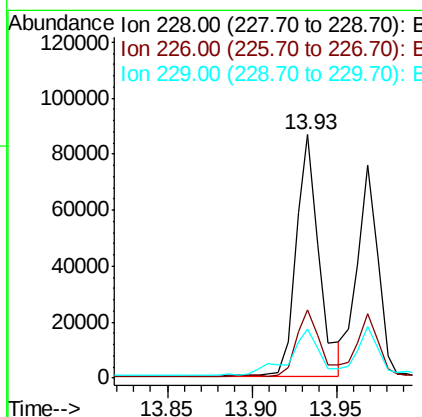
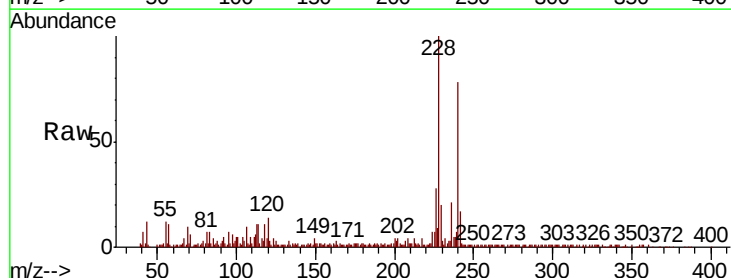
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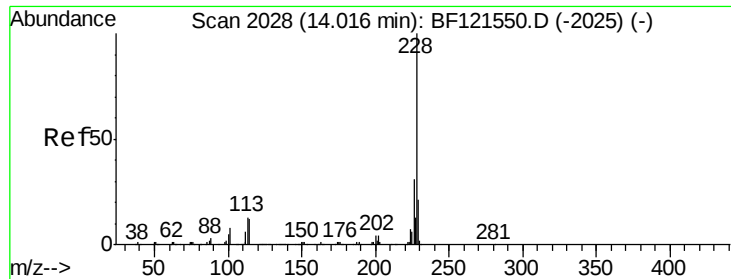
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.735 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.2
229	20.4	16.2	24.4





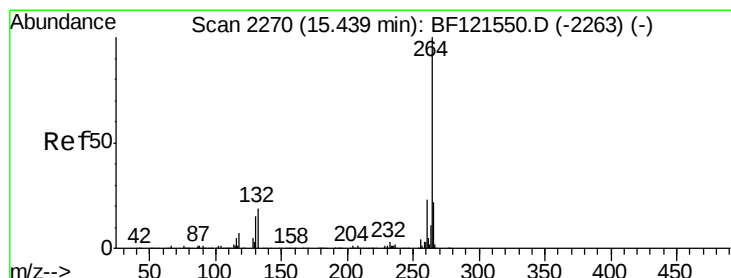
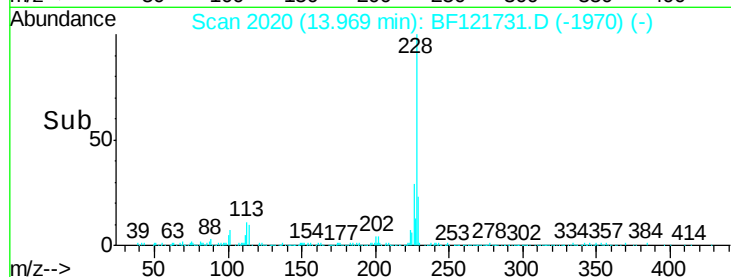
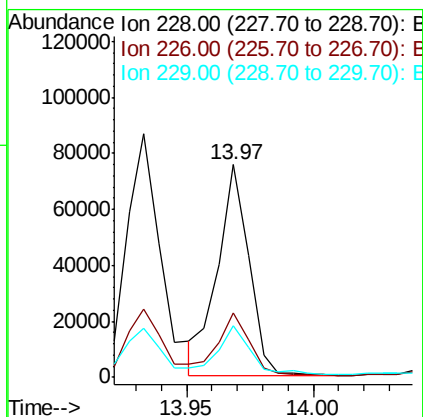
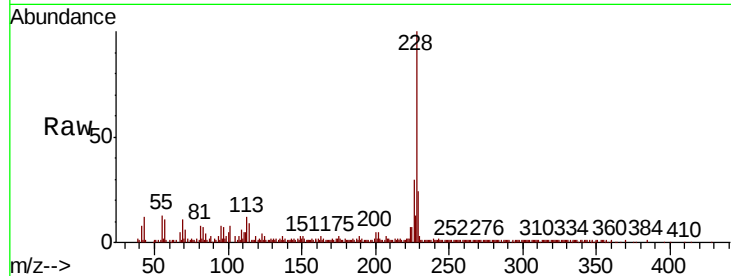
#83
Chrysene
Concen: 3.682 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

Tot Ion:	228	Resp:	65535
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.4	38.0
229	24.0	16.4	24.6

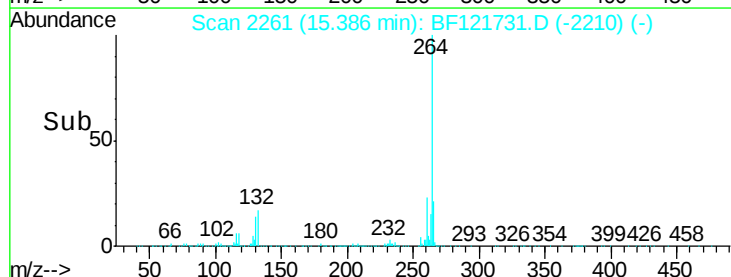
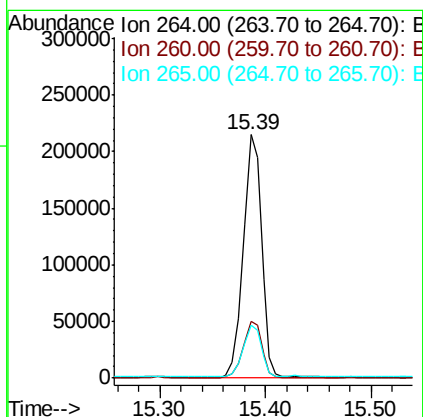
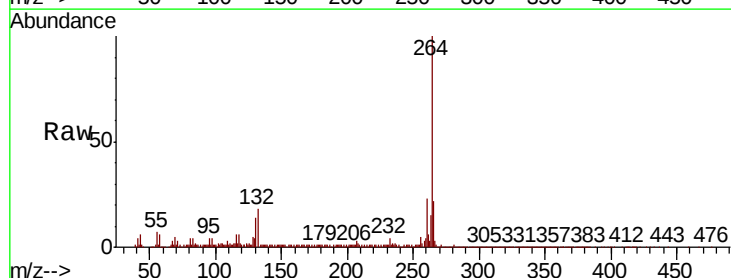
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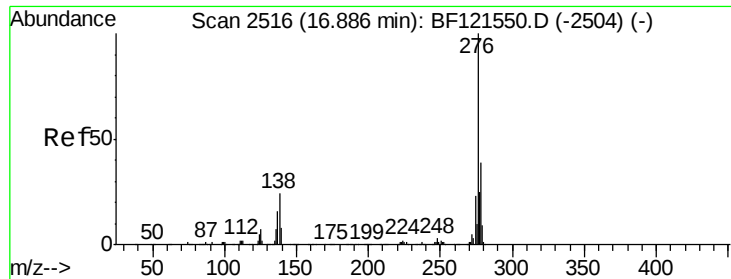
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion:	264	Resp:	255244
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.0	28.6
265	21.7	17.3	25.9





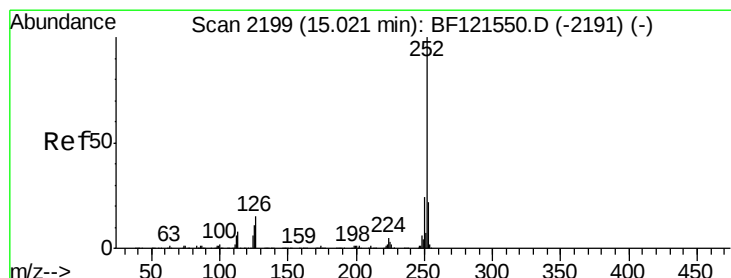
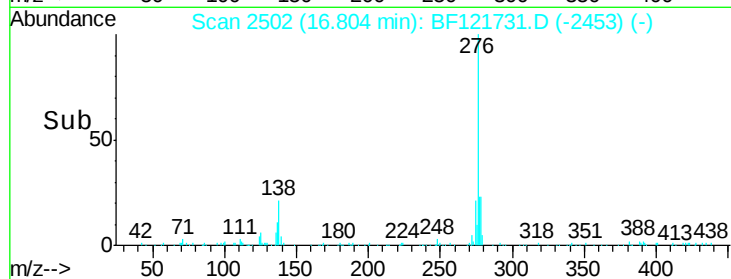
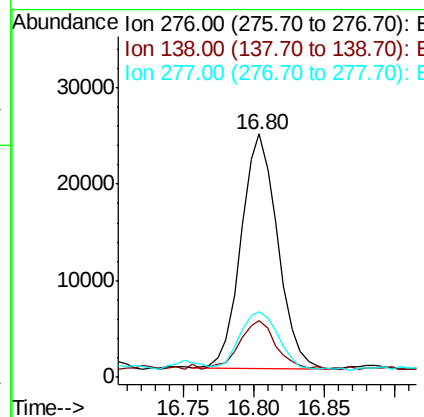
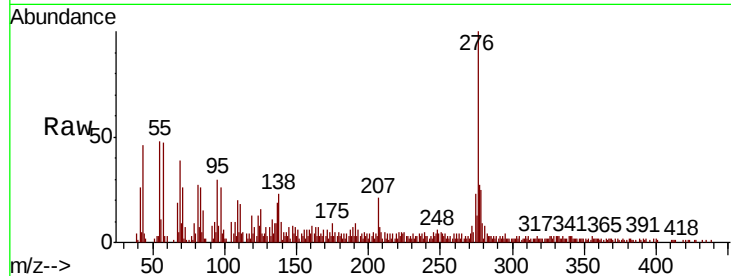
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.642 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Instrument :
 BNA_F
 ClientSampleId :
 B-8(11-13)

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.4	29.0
277	26.2	20.4	30.6

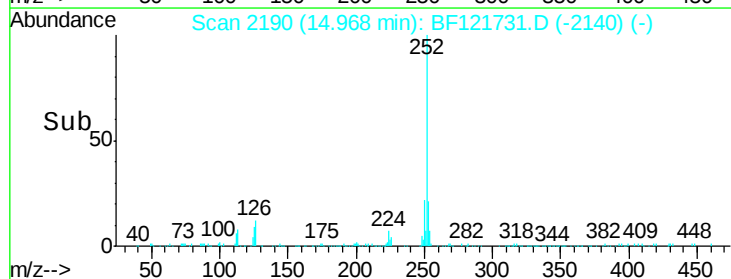
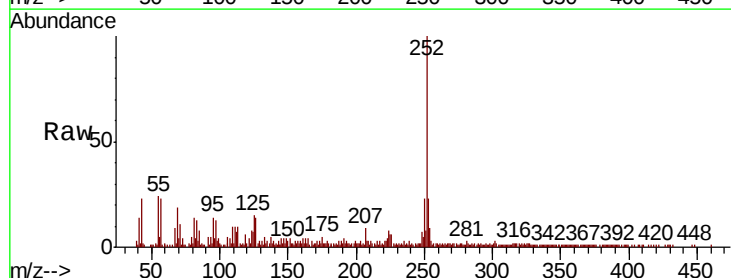
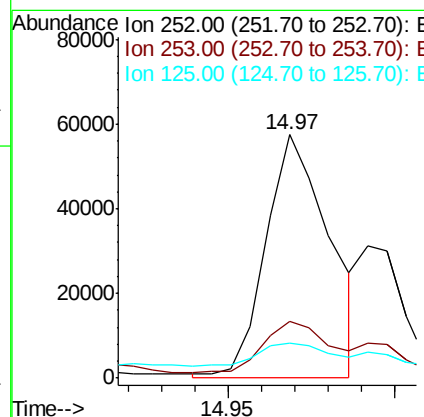
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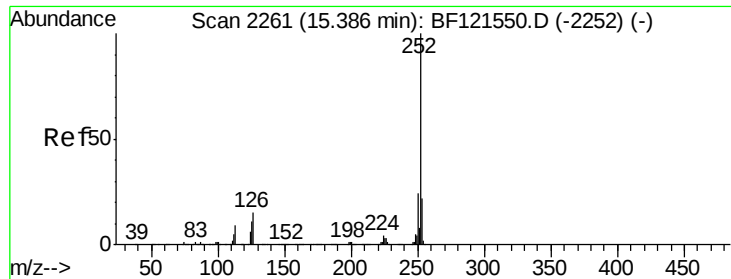
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 4.505 ng m
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BF121731.D
 Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.2
125	14.6	8.0	12.0





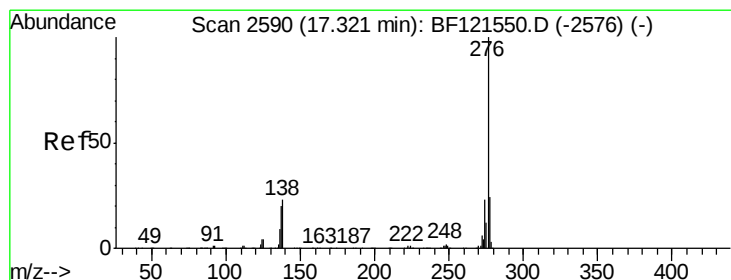
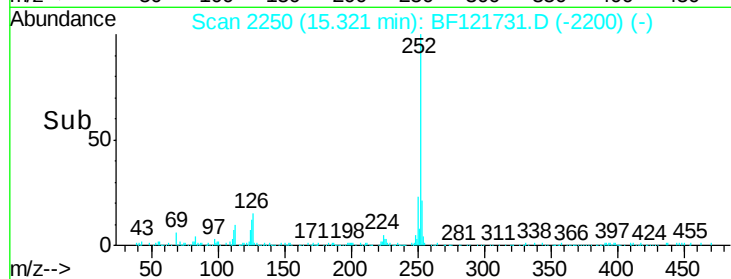
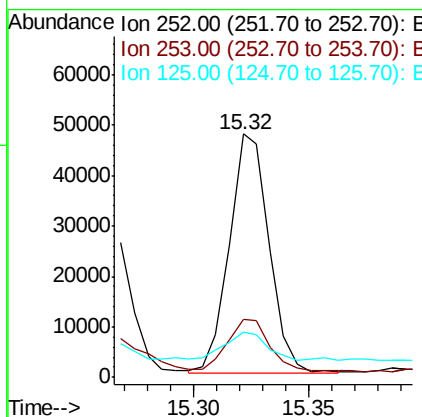
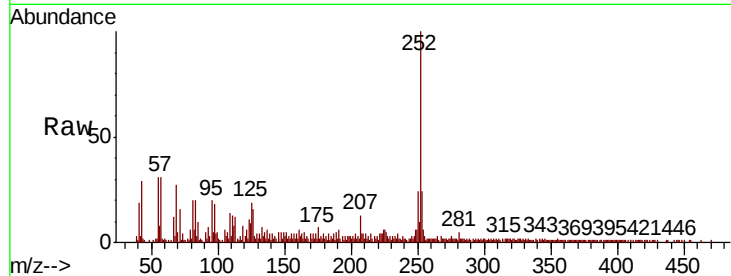
#90
Benzo(a)pyrene
Concen: 3.925 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Instrument :
BNA_F
ClientSampleId :
B-8(11-13)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	18.6	9.2	13.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.310 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF121731.D
Acq: 29 Sep 2020 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.7	19.2	28.8
138	22.6	16.7	25.1

