

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120252.D
 Acq On : 30 Apr 2020 21:07
 Operator : MA/SJ
 Sample : L2452-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 227

Manual Integrations
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mohammad
 5/4/2020 8:19:08 AM

Quant Time: May 01 02:23:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	115592	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	432986	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	221365	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	427381	20.00	ng	0.00
76) Chrysene-d12	13.82	240	347043	20.00	ng	0.00
87) Perylene-d12	15.23	264	333462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	965777	144.39	ng	0.00
7) Phenol-d6	6.32	99	1230822	142.81	ng	0.00
23) Nitrobenzene-d5	7.22	82	749860	89.59	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	327537	120.85	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1421801	91.19	ng	0.00
79) Terphenyl-d14	12.77	244	1651432	80.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	176410	10.303	ng	99
71) Phenanthrene	11.20	178	89931	3.954	ng	98
75) Fluoranthene	12.39	202	331839	13.521	ng	94
78) Pyrene	12.62	202	322333	11.018	ng	98
81) Benzo(a)anthracene	13.81	228	153449	6.721	ng	96
83) Chrysene	13.84	228	140580m	6.060	ng	
84) Bis(2-ethylhexyl)phthalate	13.81	149	41476	2.157	ng	94
86) Indeno(1,2,3-cd)pyrene	16.57	276	73732	3.606	ng	98
88) Benzo(b)fluoranthene	14.83	252	219018m	9.130	ng	
89) Benzo(k)fluoranthene	14.85	252	54687m	2.642	ng	
90) Benzo(a)pyrene	15.16	252	129910	6.441	ng	99
92) Benzo(a,h,i)perylene	16.97	276	66465	3.769	ng	97

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

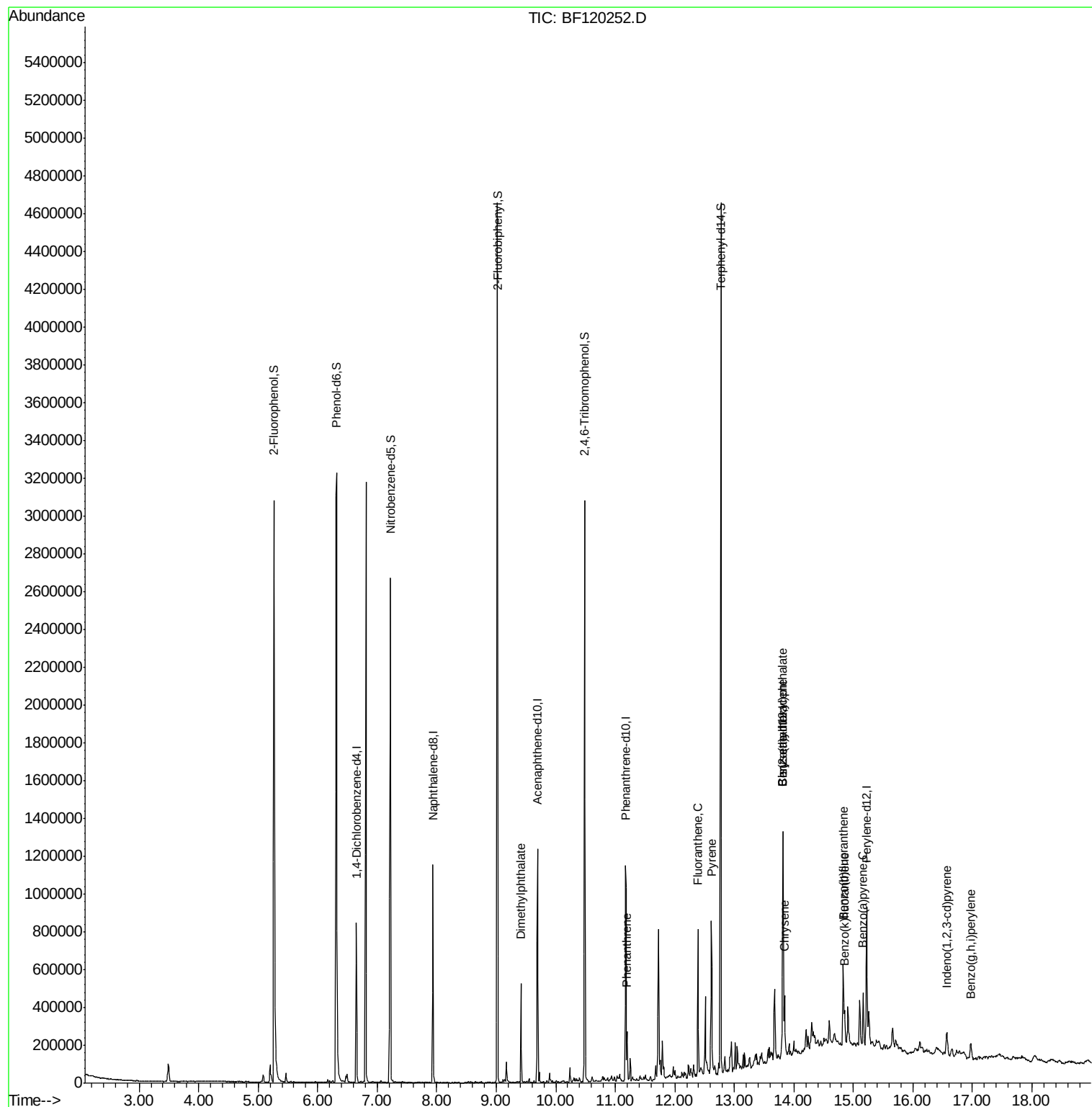
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
Data File : BF120252.D
Acq On : 30 Apr 2020 21:07
Operator : MA/SJ
Sample : L2452-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

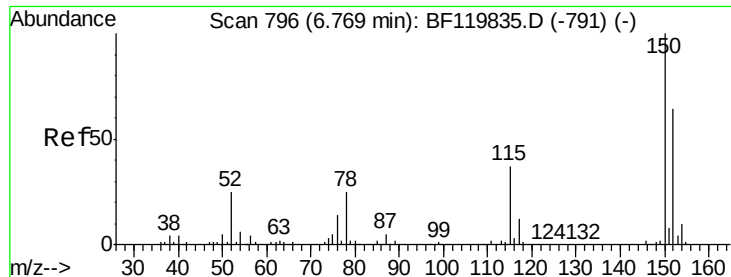
Instrument :
BNA_F
ClientSampleId :
227

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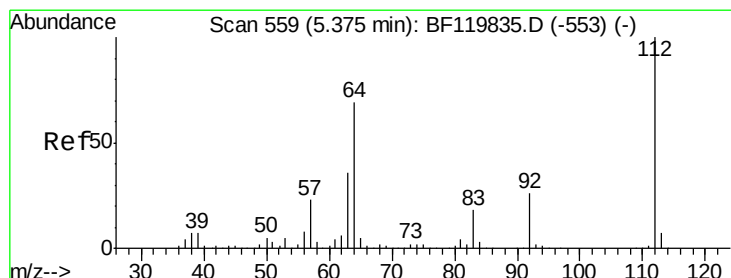
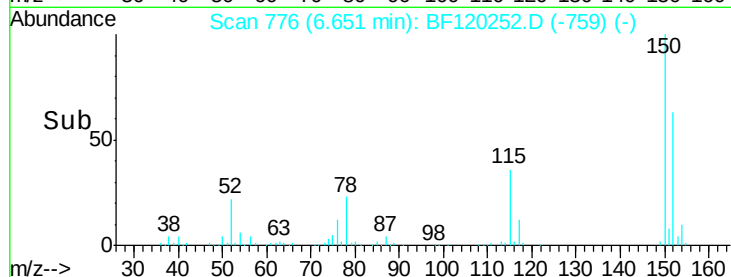
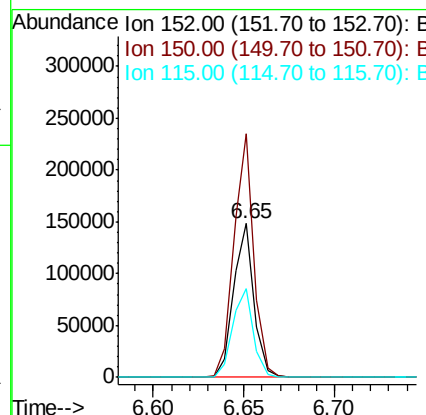
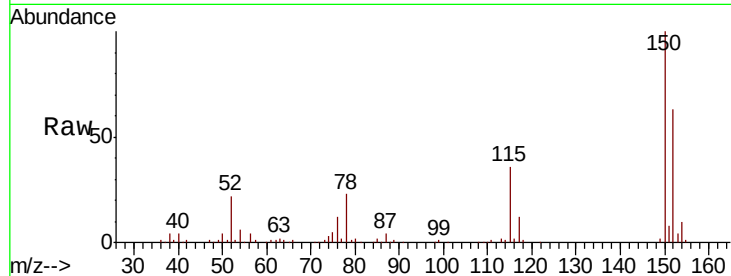
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Instrument :
 BNA_F
 ClientSampleId :
 227

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.5	186.7
115	57.9	49.6	74.4

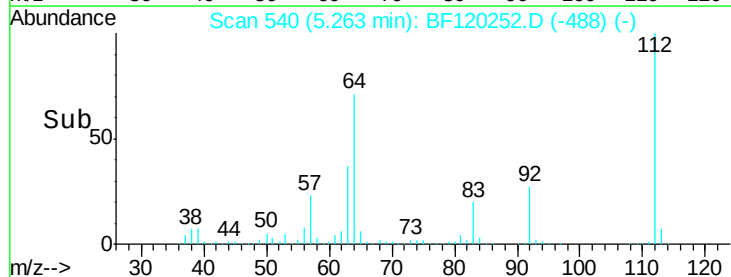
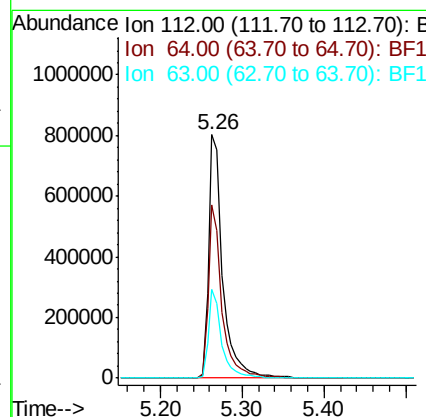
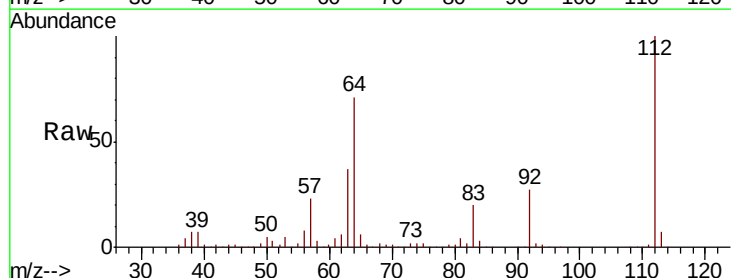
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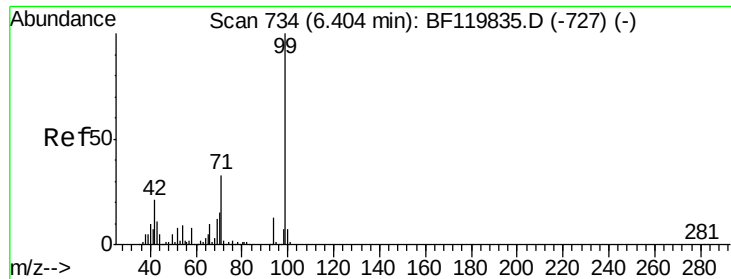
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#5
 2-Fluorophenol
 Concen: 144.391 ng
 RT: 5.26 min Scan# 540
 Delta R.T. 0.01 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.7	85.1
63	36.5	29.5	44.3





#7

Phenol-d6

Concen: 142.809 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF120252.D

Acq: 30 Apr 2020 21:07

Instrument :

BNA_F

ClientSampleId :

227

Tot Ion: 99 Resp: 1230822

Ion Ratio Lower Upper

99 100

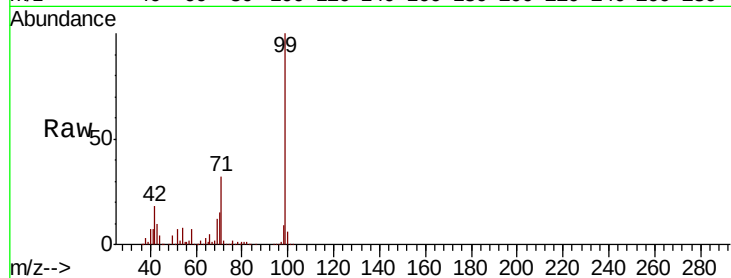
42 18.5 16.6 24.8

71 31.8 26.4 39.6

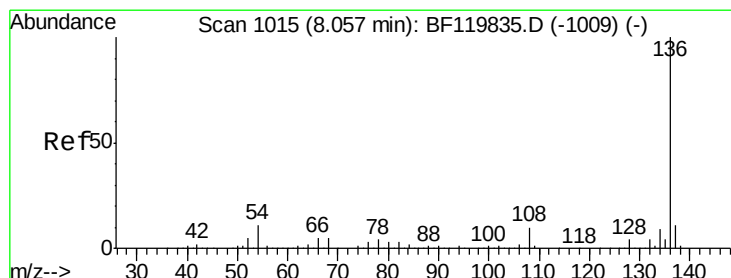
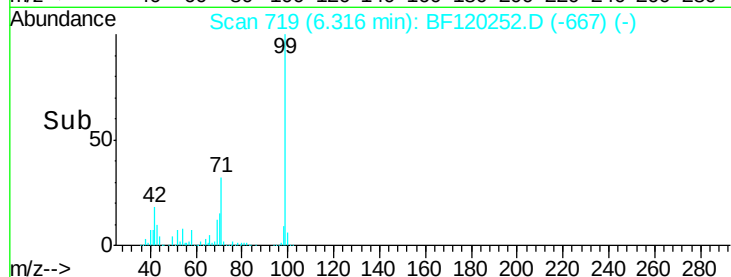
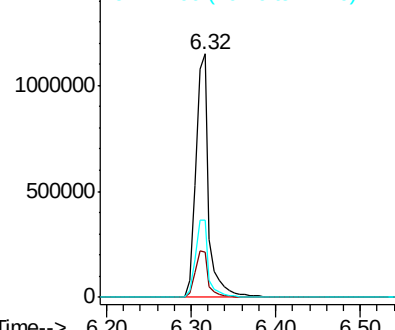
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120252.D

Acq: 30 Apr 2020 21:07

Tgt Ion: 136 Resp: 432986

Ion Ratio Lower Upper

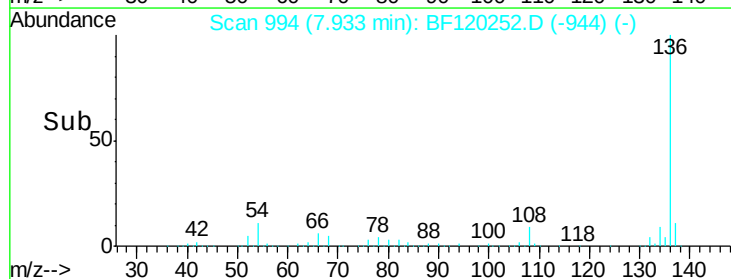
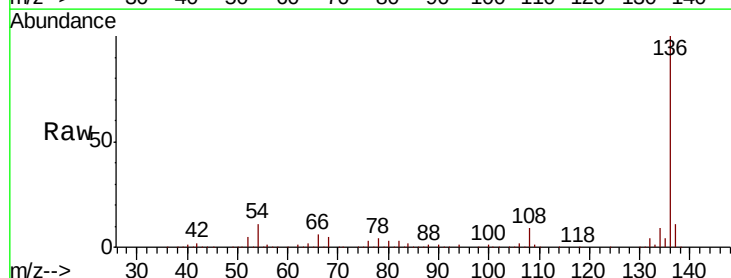
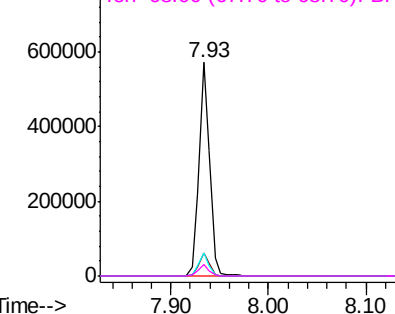
136 100

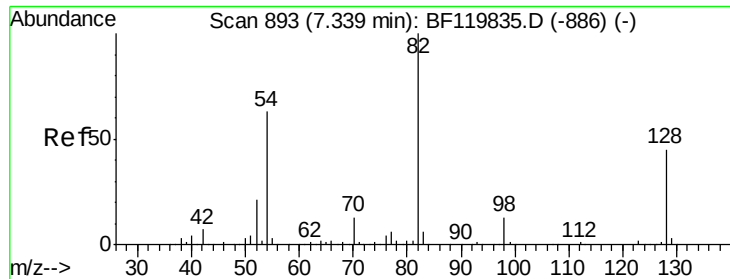
137 10.9 8.7 13.1

54 10.6 9.1 13.7

68 5.5 4.6 6.8

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





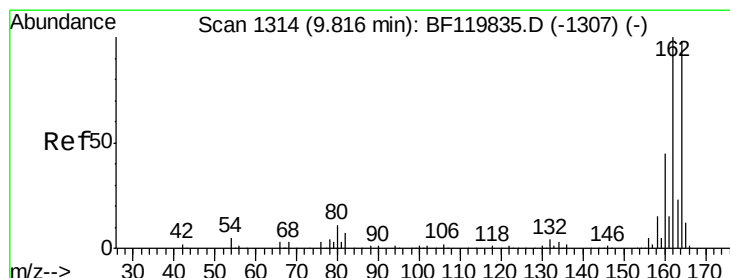
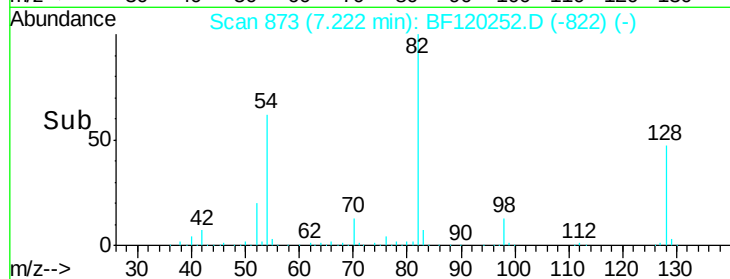
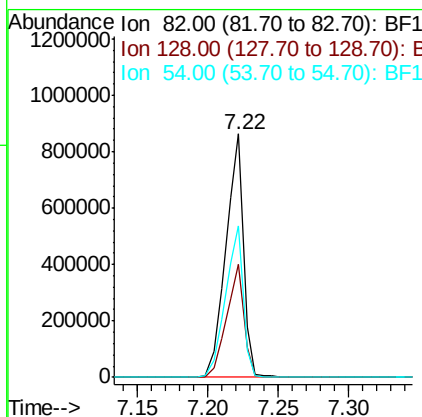
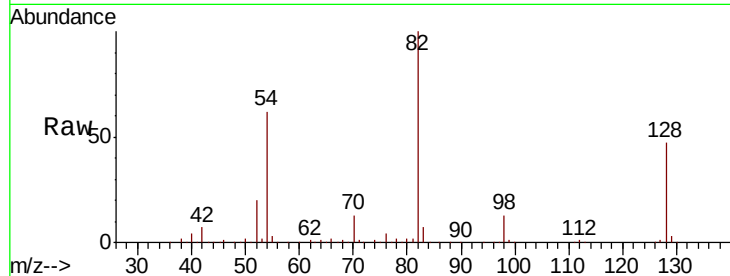
#23
Nitrobenzene-d5
Concen: 89.594 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampled :
227

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	62.0	50.6	75.8

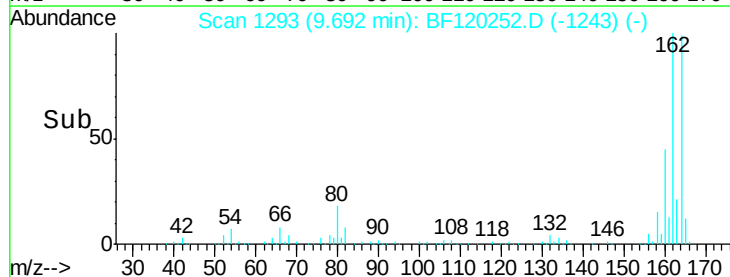
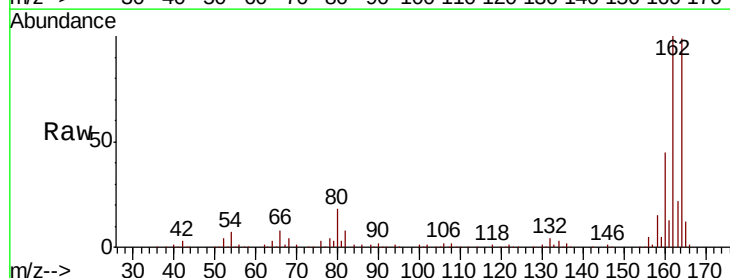
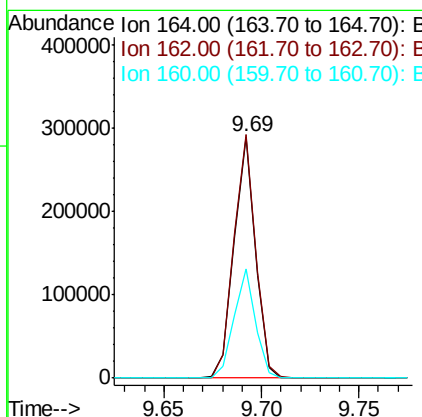
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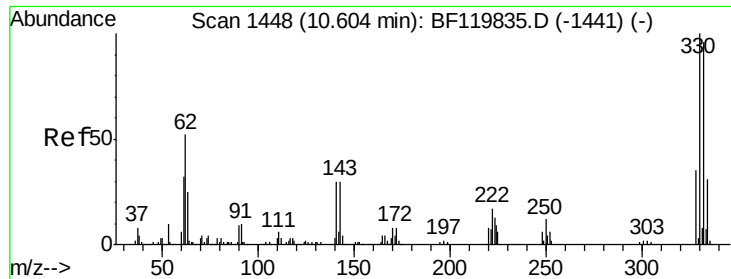
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.2	35.7	53.5





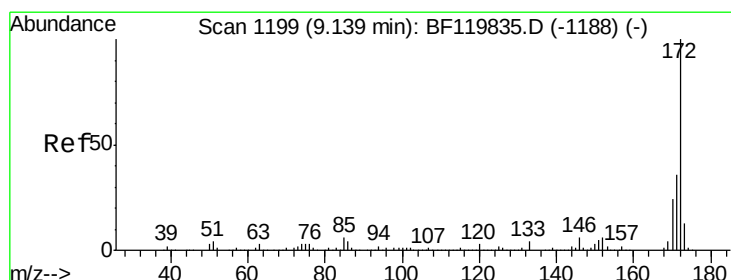
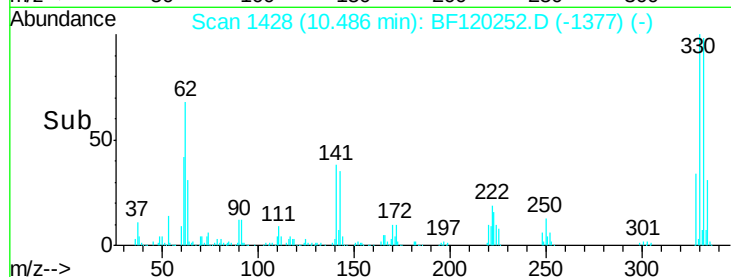
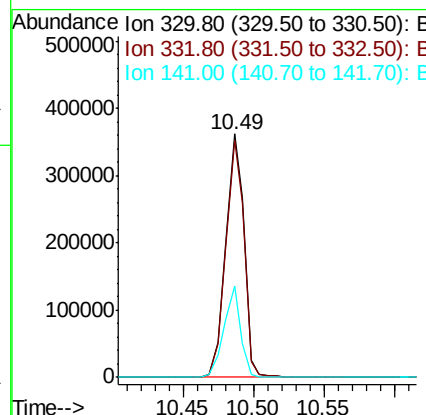
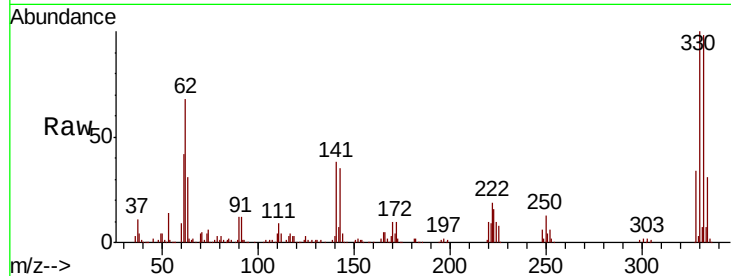
#42
 2,4,6-Tribromophenol
 Concen: 120.851 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Instrument :
 BNA_F
 ClientSampled :
 227

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	34.5	25.4	38.0

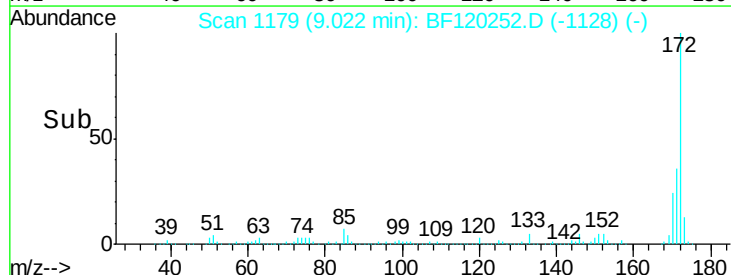
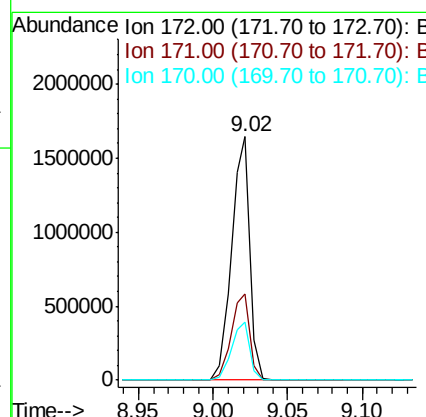
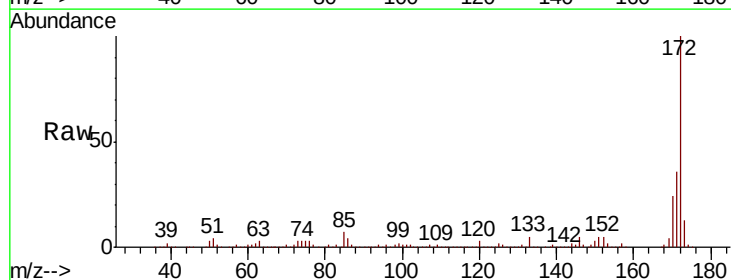
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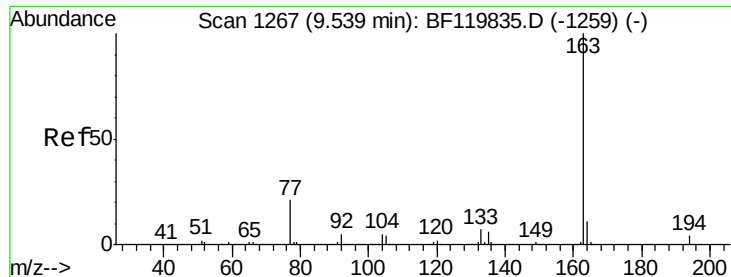
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#45
 2-Fluorobiphenyl
 Concen: 91.191 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	20.2	30.2





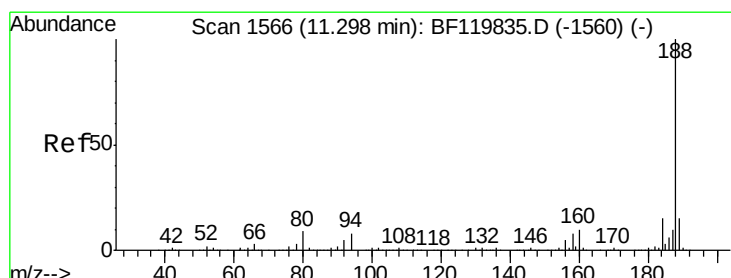
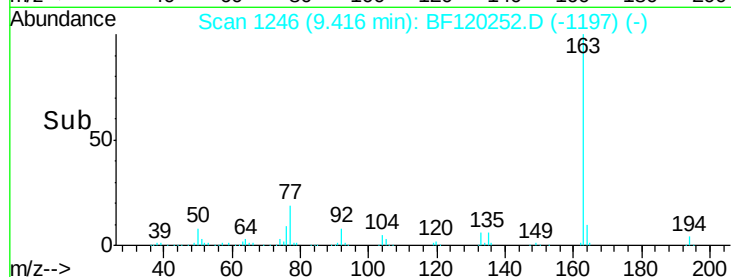
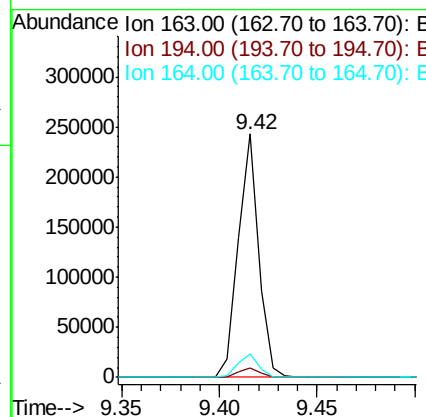
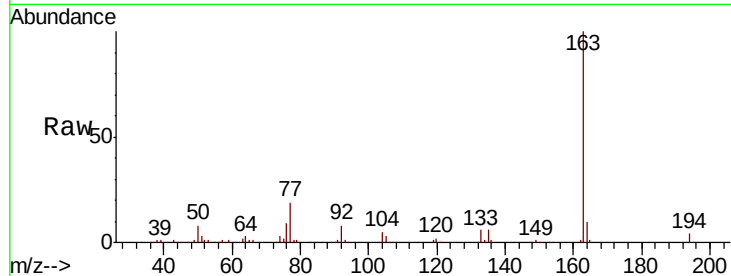
#50
Dimethylphthalate
Concen: 10.303 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampled :
227

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	9.6	8.2	12.2

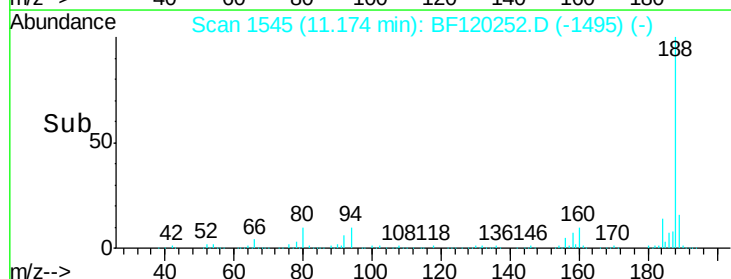
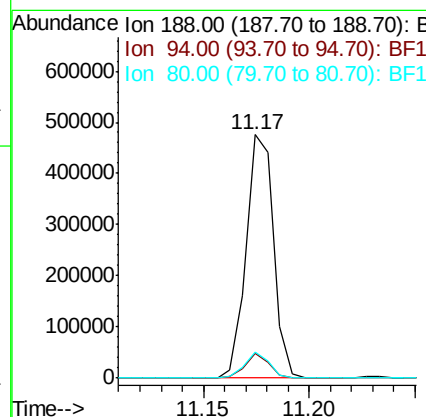
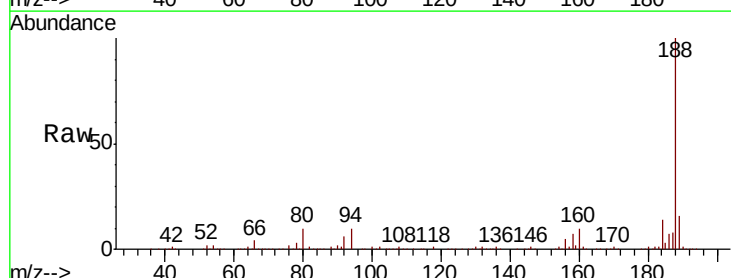
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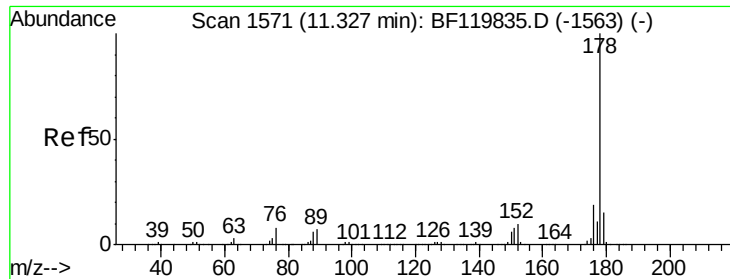
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.5	11.3
80	10.5	9.0	13.4





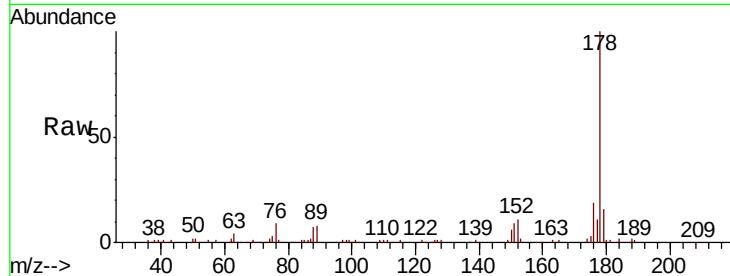
#71
Phenanthrene
Concen: 3.954 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampled :
227

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.9	13.2	19.8

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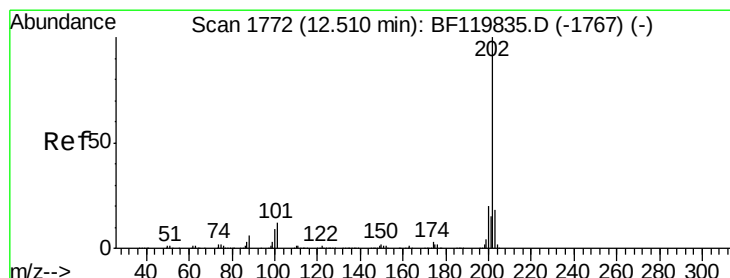
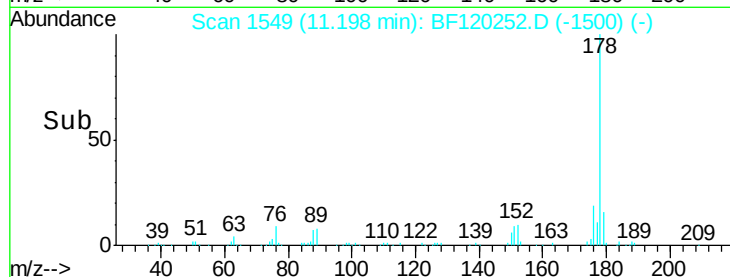
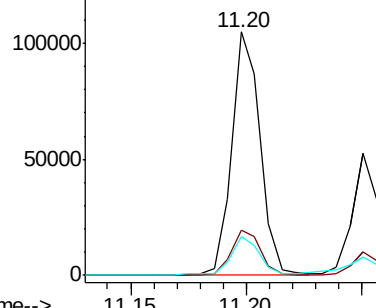


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 13.521 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

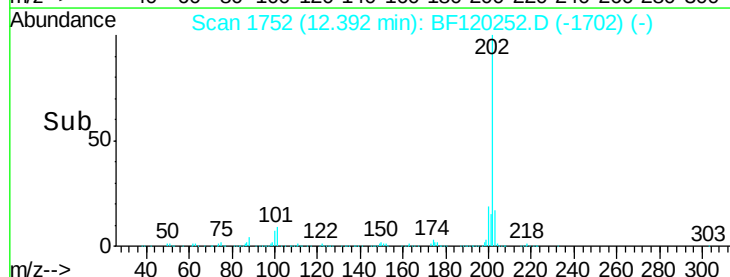
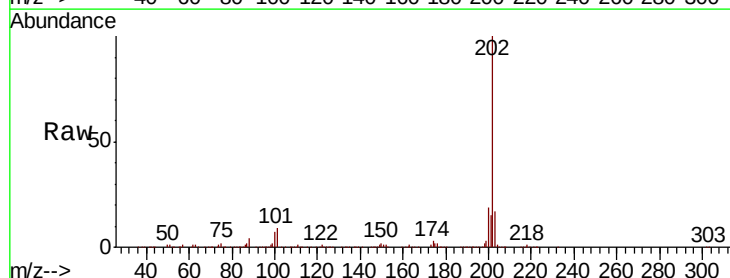
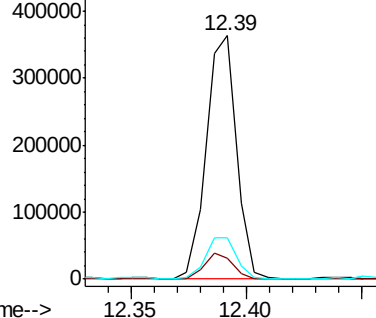
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	32.2
203	16.8	0.0	38.8

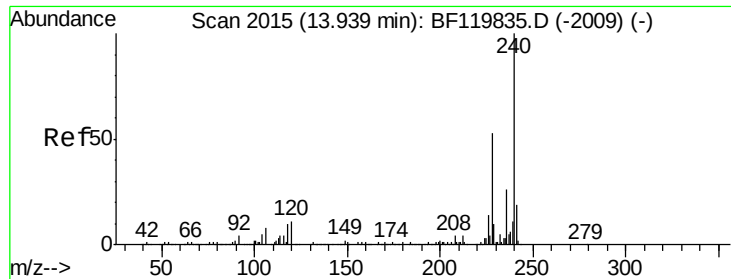
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





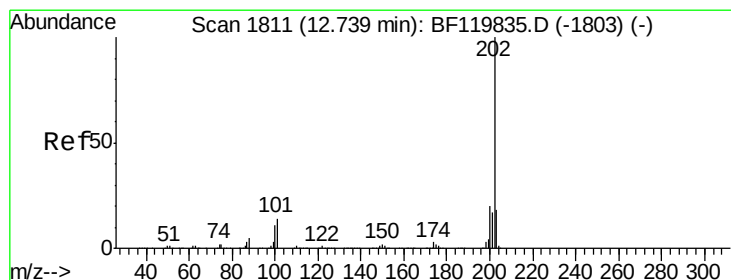
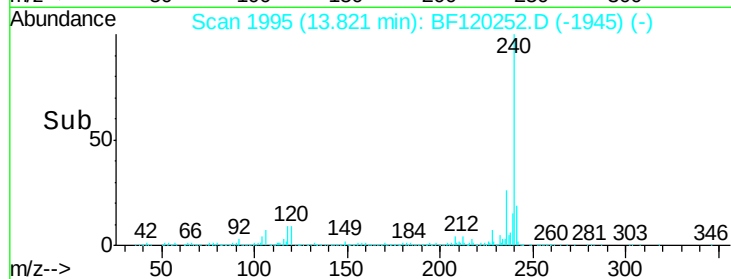
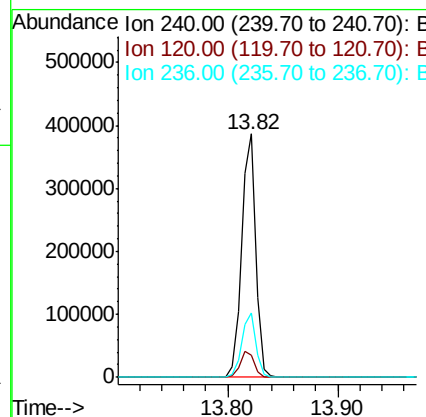
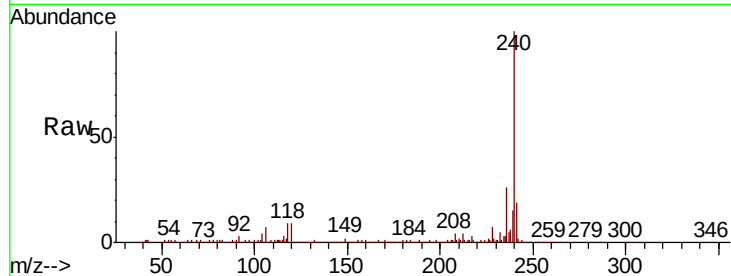
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampled :
227

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	10.6	15.8#
236	26.4	20.2	30.2

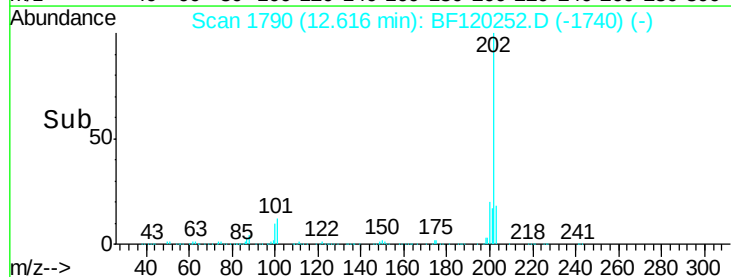
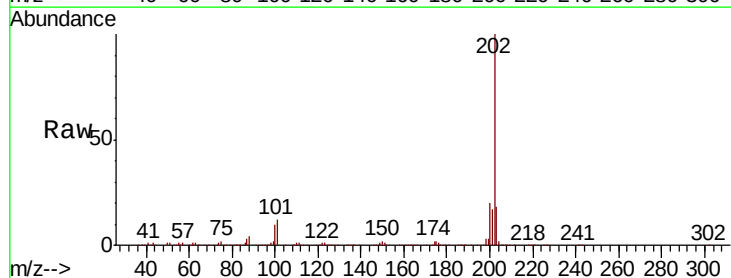
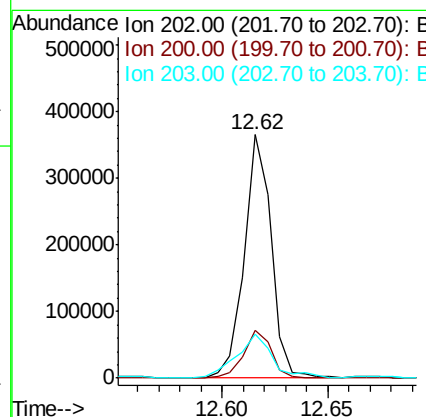
Manual Integrations
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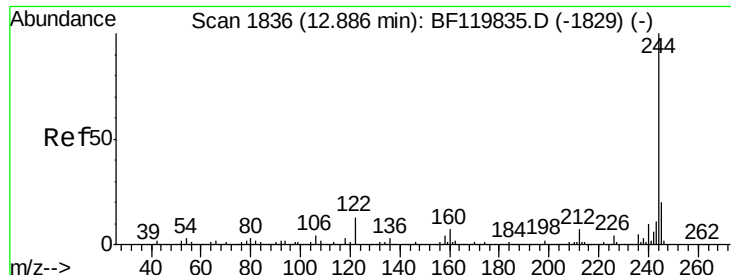
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#78
Pyrene
Concen: 11.018 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.8	25.2
203	18.1	15.1	22.7





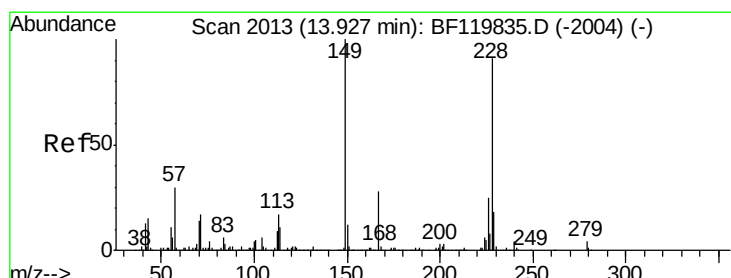
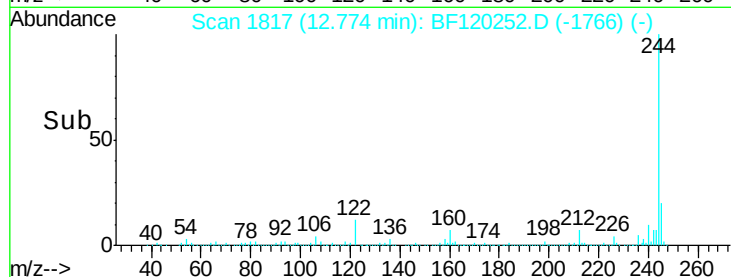
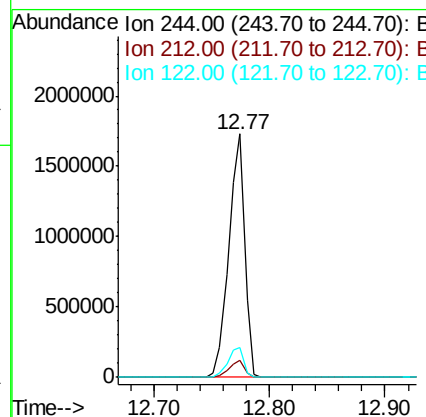
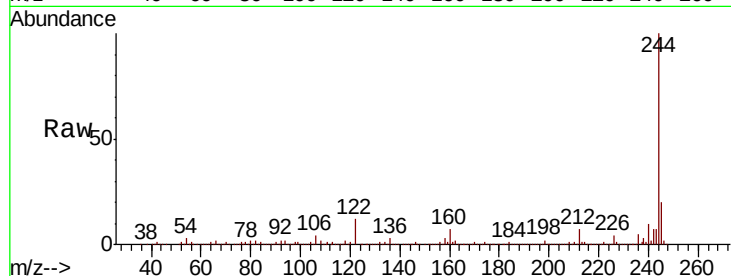
#79
 Terphenyl-d14
 Concen: 80.070 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Instrument :
 BNA_F
 ClientSampleId :
 227

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.2	10.3	15.5

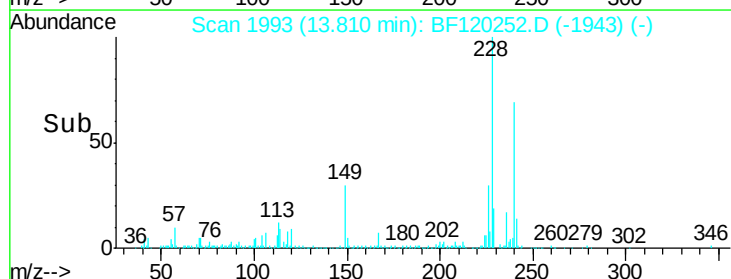
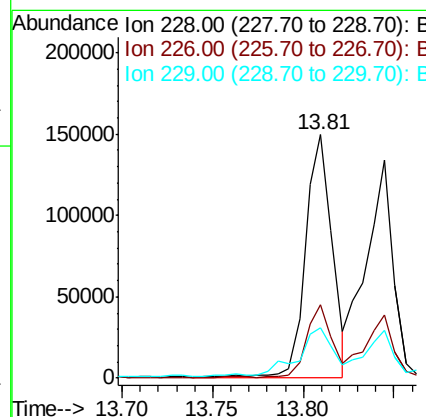
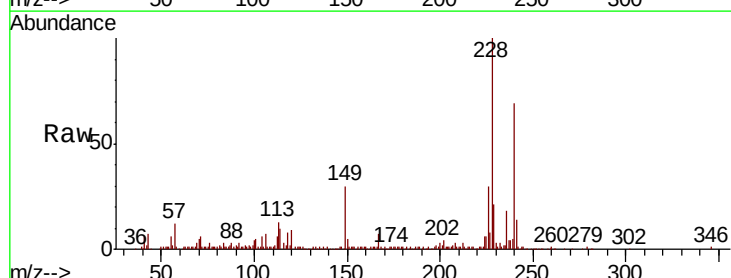
Manual Integrations
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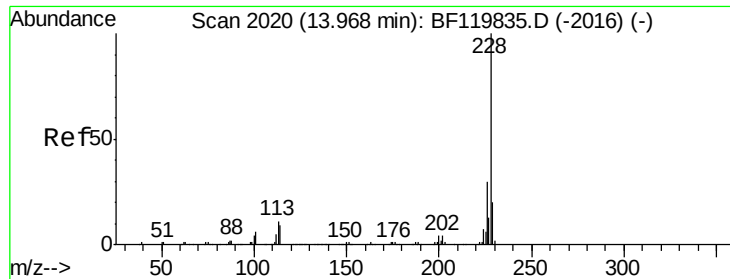
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.721 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF120252.D
 Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.8
229	20.6	16.2	24.4





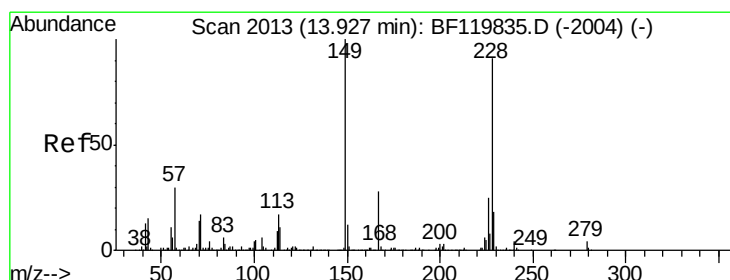
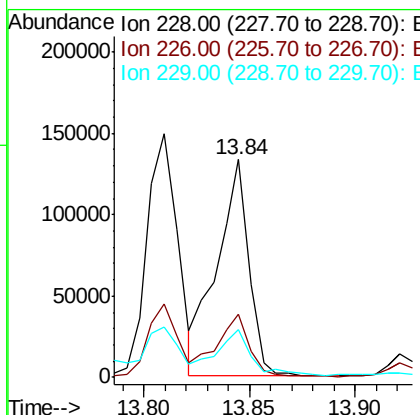
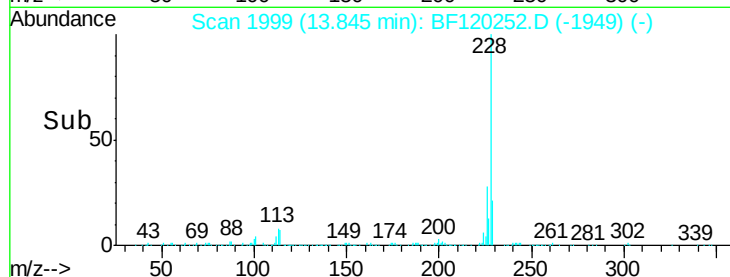
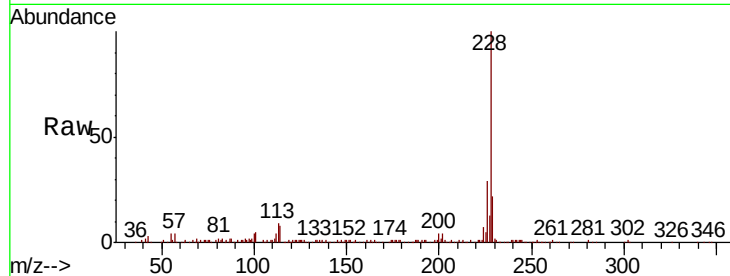
#83
Chrysene
Concen: 6.060 ng/mL
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampleId :
227

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.4	38.0
229	21.8	16.6	24.8

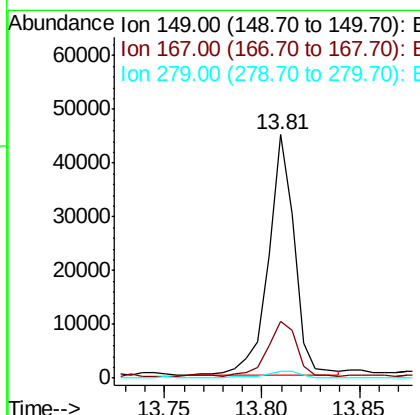
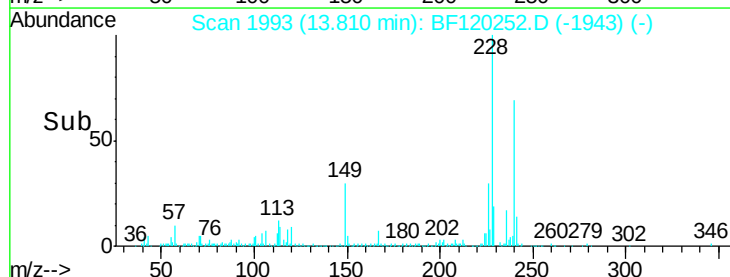
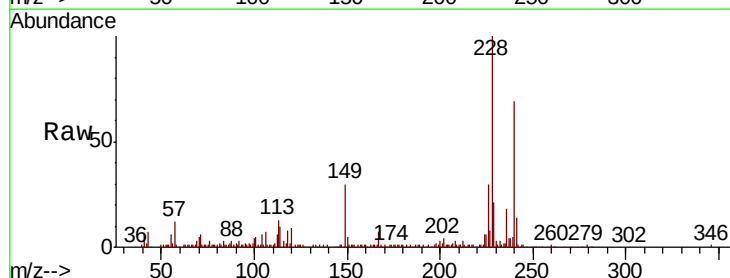
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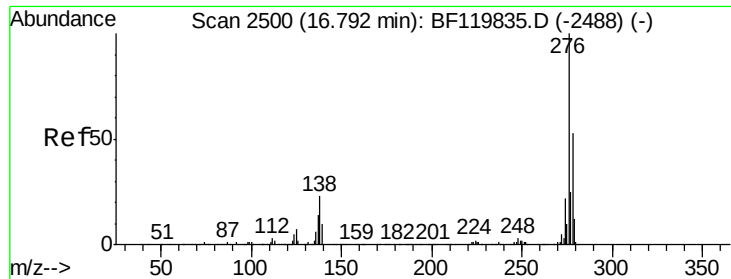
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.157 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.3	31.9
279	2.7	2.7	4.1





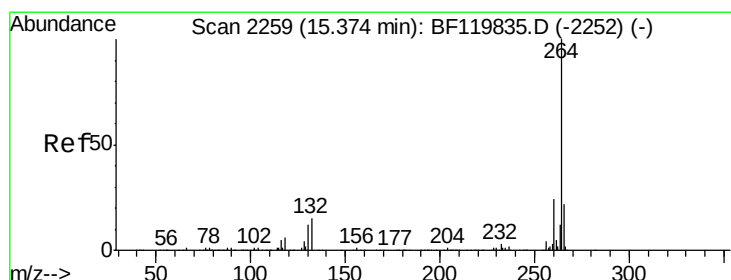
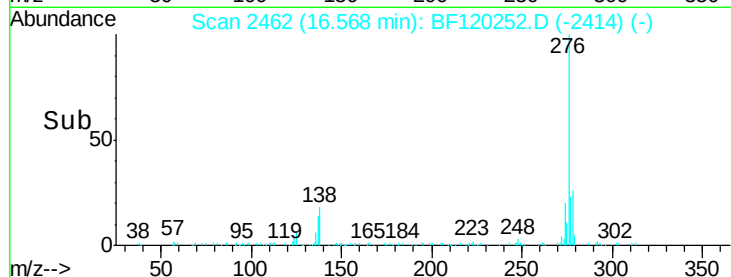
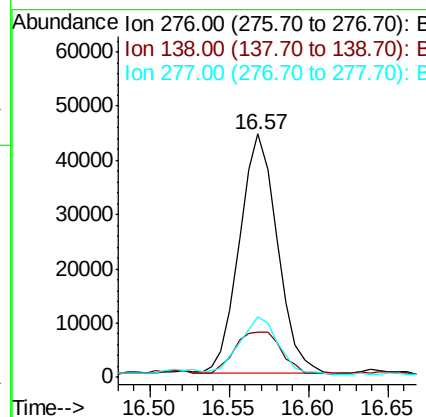
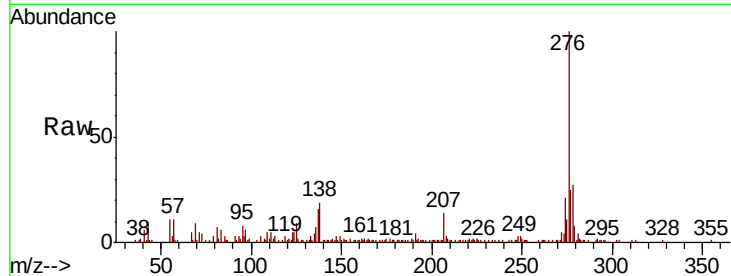
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.606 ng
RT: 16.57 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampleId :
227

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.6	29.4
277	24.9	20.0	30.0

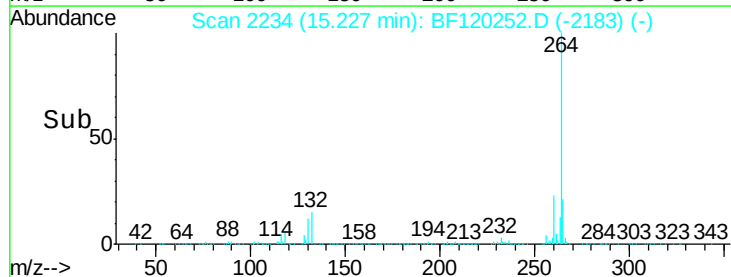
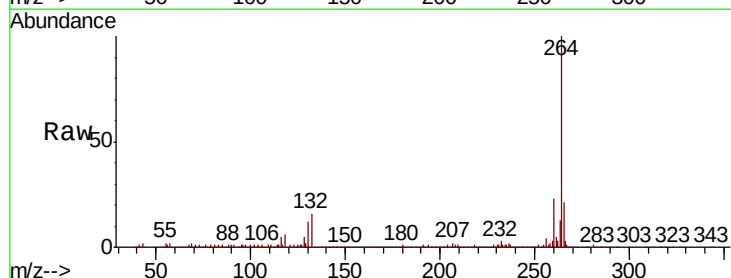
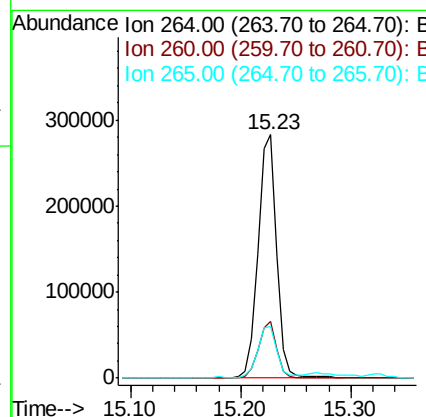
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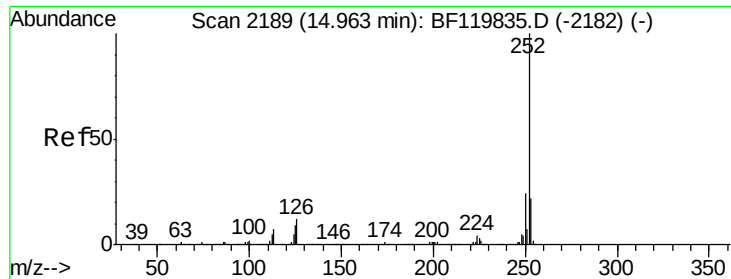
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	17.7	26.5





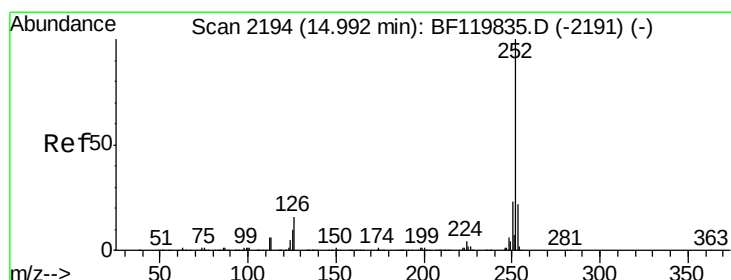
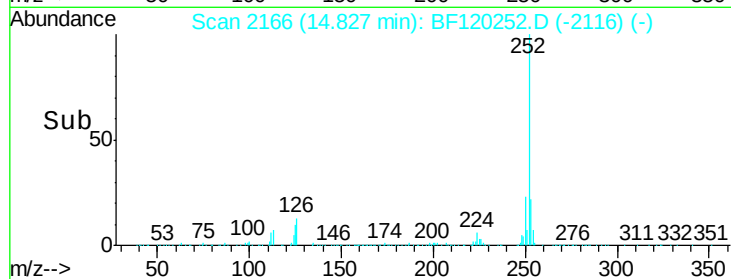
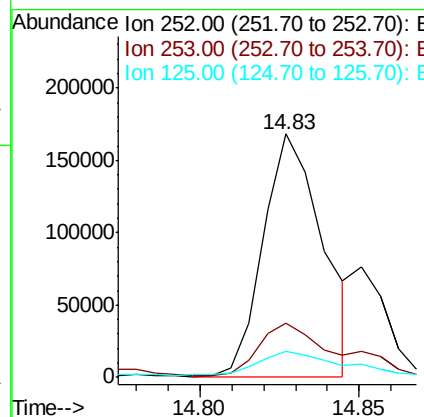
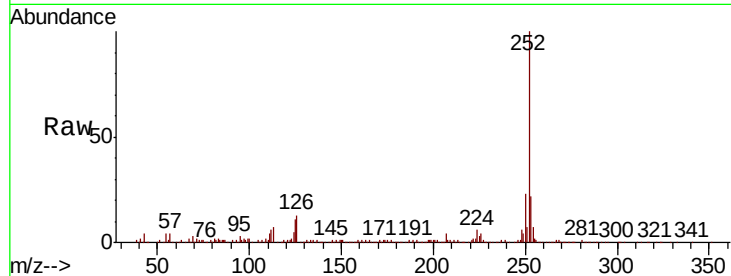
#88
Benzo(b)fluoranthene
Concen: 9.130 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampled :
227

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.9	7.9	11.9

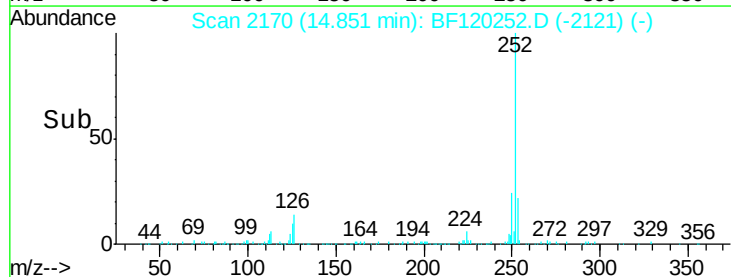
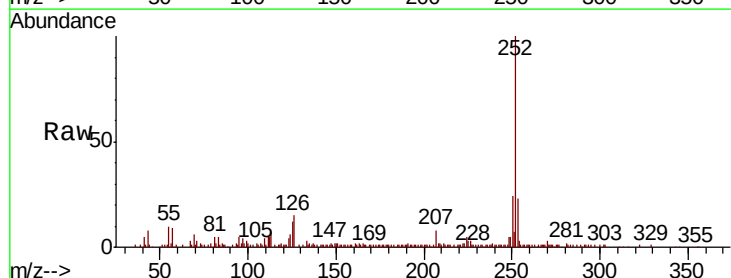
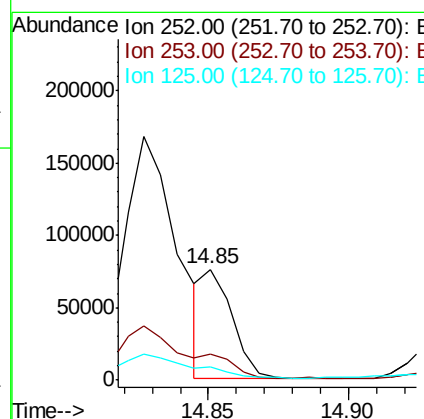
Manual Integrations
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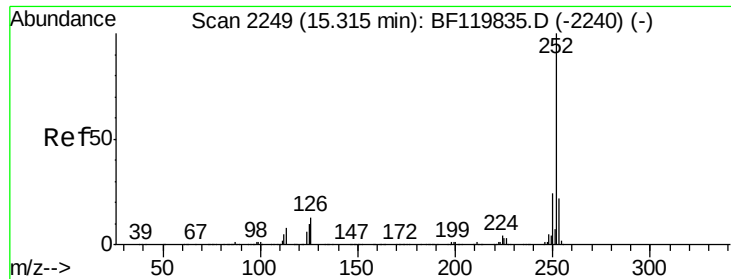
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#89
Benzo(k)fluoranthene
Concen: 2.642 ng m
RT: 14.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.9	8.4	12.6





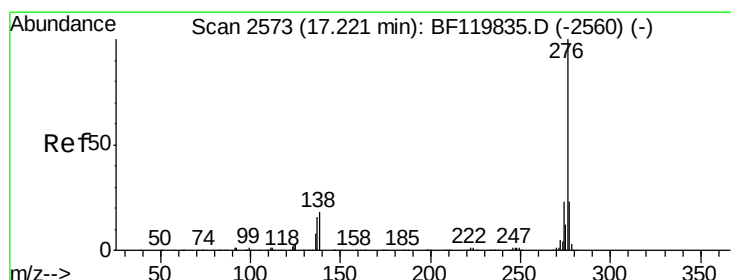
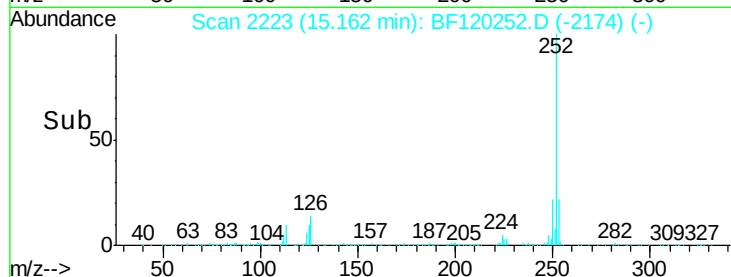
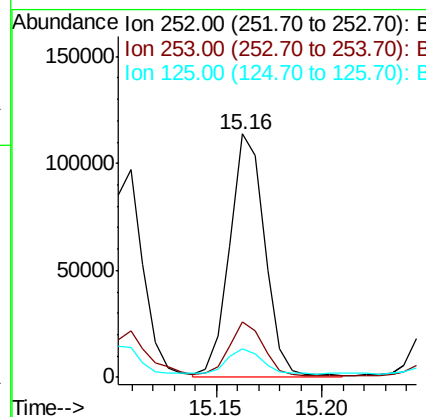
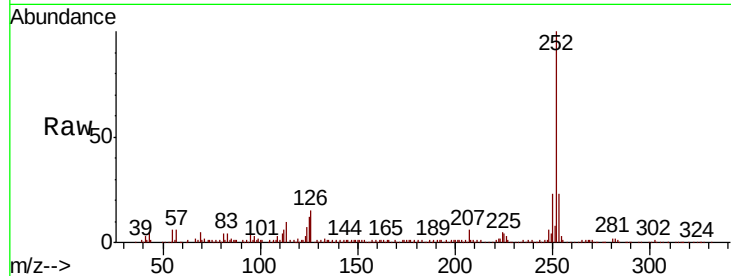
#90
Benzo(a)pyrene
Concen: 6.441 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Instrument :
BNA_F
ClientSampleId :
227

Tot Ion:	252	Resp:	129910
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.2	27.2
125	11.6	9.4	14.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.769 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF120252.D
Acq: 30 Apr 2020 21:07

Tgt Ion:	276	Resp:	66465
Ion Ratio	Lower	Upper	
276	100		
277	24.9	18.4	27.6
138	20.0	15.4	23.0

