

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119750.D
 Acq On : 4 Apr 2020 7:35
 Operator : MA/SJ
 Sample : L2100-06
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-05060708-0-6

Manual Integrations
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 4/6/2020 1:39:20 PM

Quant Time: Apr 04 08:21:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189229	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	709195	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	349585	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	604189	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	376912	20.00	ng	-0.02
87) Perylene-d12	15.43	264	374589	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1598811	134.50	ng	0.01
7) Phenol-d6	6.44	99	2092994	137.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	1290252	98.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	521236	144.52	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2058435	87.23	ng	-0.01
79) Terphenyl-d14	12.92	244	1751071	91.02	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.56	163	319273	12.858	ng	Qvalue 100
71) Phenanthrene	11.35	178	88331	2.819	ng	99
75) Fluoranthene	12.55	202	239835	7.074	ng	96
78) Pyrene	12.77	202	243353	7.867	ng	96
81) Benzo(a)anthracene	13.96	228	96386m	3.933	ng	
83) Chrysene	14.00	228	130238	5.149	ng	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	50449	3.383	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	83289	3.496	ng	94
88) Benzo(b)fluoranthene	15.00	252	216957m	8.670	ng	
89) Benzo(k)fluoranthene	15.03	252	52572m	2.206	ng	
90) Benzo(a)pyrene	15.36	252	94588	4.160	ng	98
92) Benzo(a,h,i)perylene	17.29	276	78037	3.905	ng	98

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

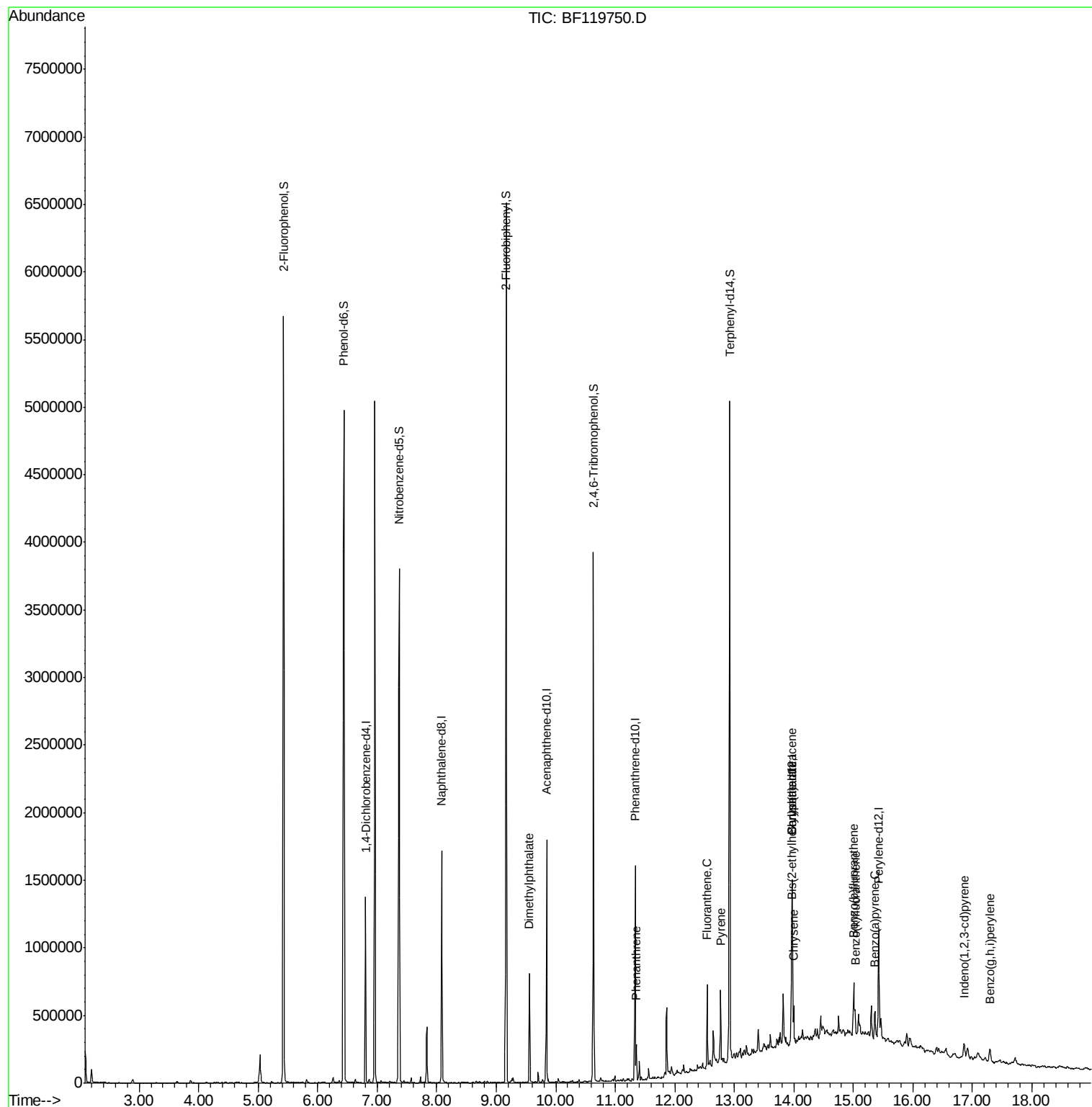
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119750.D
Acq On : 4 Apr 2020 7:35
Operator : MA/SJ
Sample : L2100-06
Misc :
ALS Vial : 39 Sample Multiplier: 1

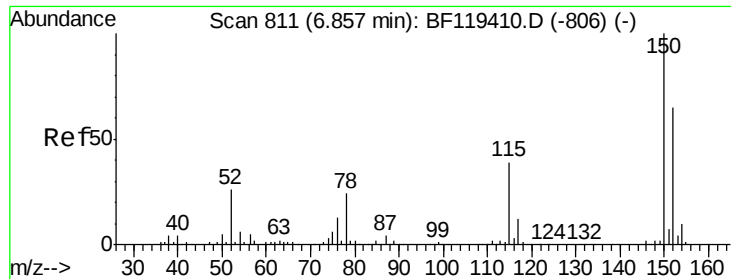
Instrument :
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239-05060708-0-6

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#1

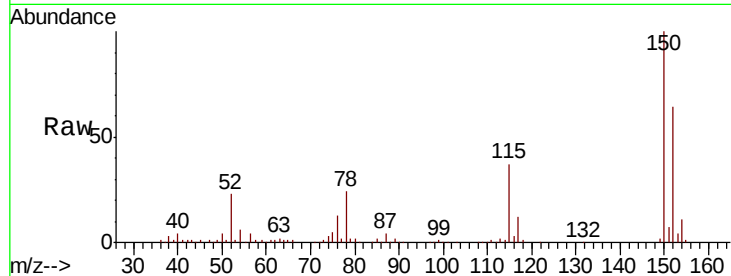
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.5	186.7
115	58.6	49.6	74.4

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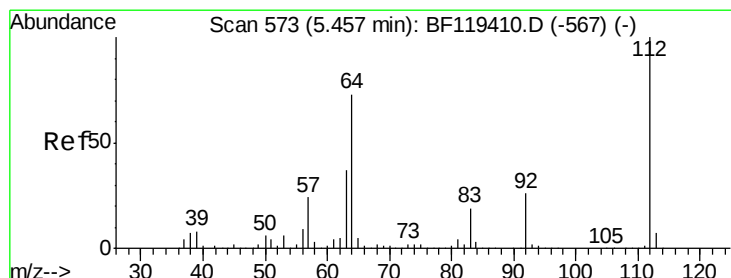
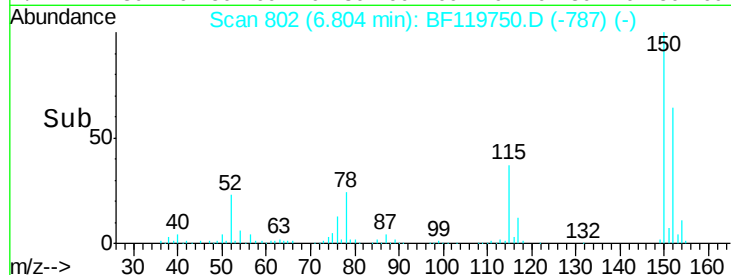
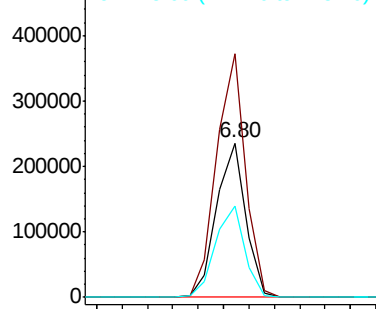


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

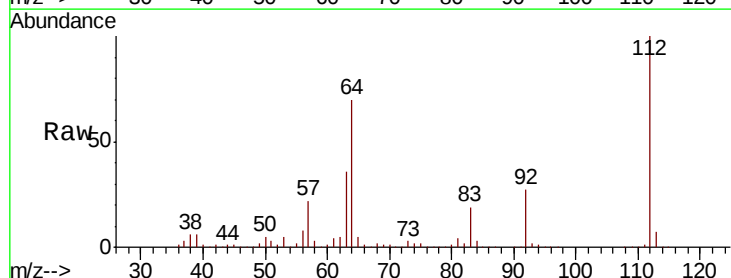
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 134.501 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.7	85.1
63	36.5	29.5	44.3

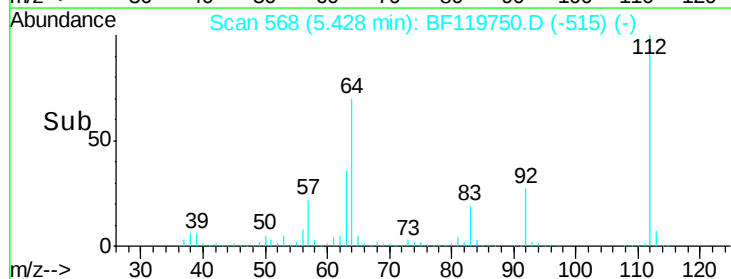
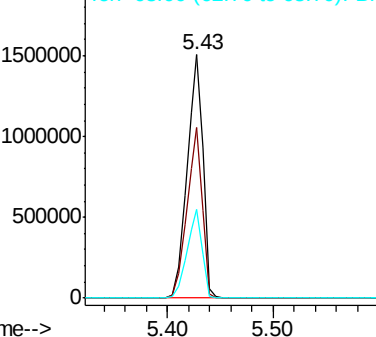


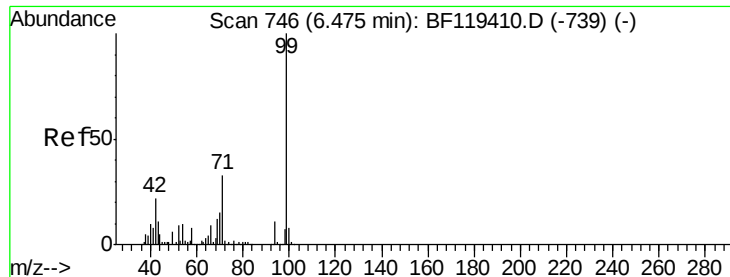
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 137.835 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119750.D

Acq: 4 Apr 2020 7:35

Instrument :

BNA_F

ClientSampleId :

239-05060708-0-6

Tot Ion: 99 Resp: 2092994

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

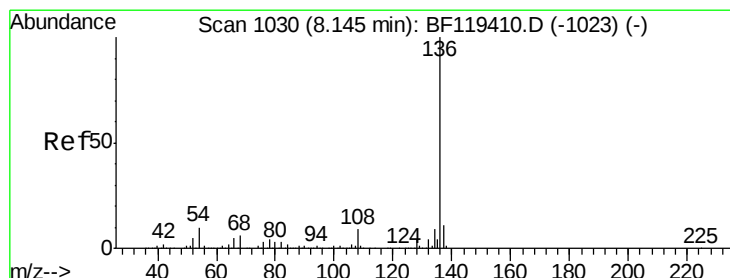
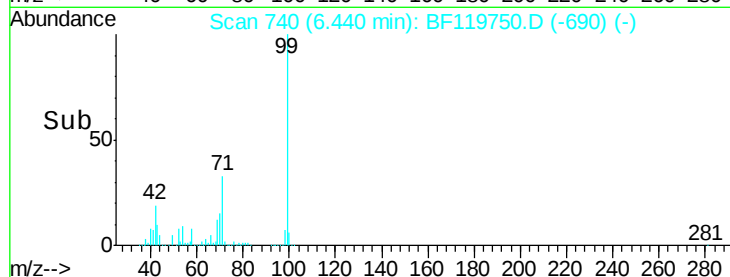
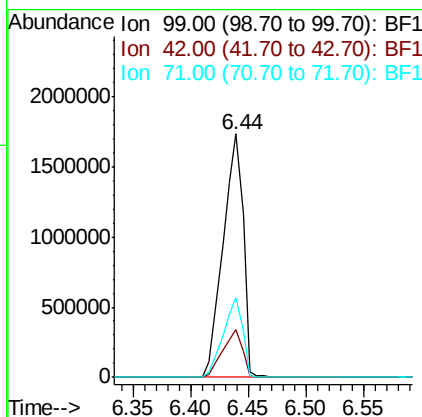
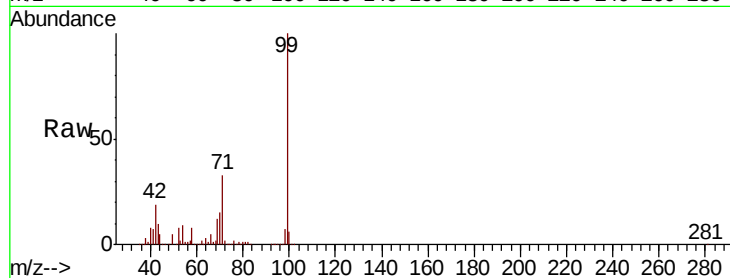
71 32.7 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119750.D

Acq: 4 Apr 2020 7:35

Tgt Ion: 136 Resp: 709195

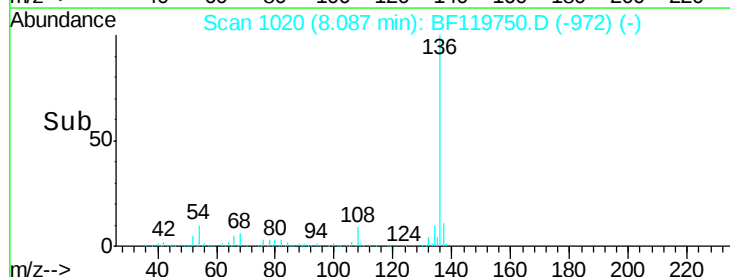
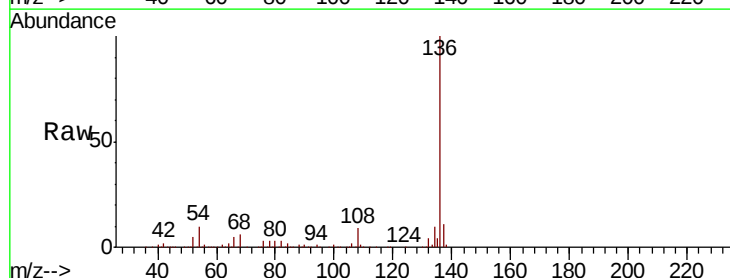
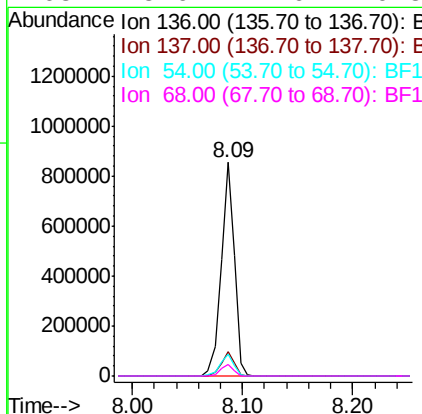
Ion Ratio Lower Upper

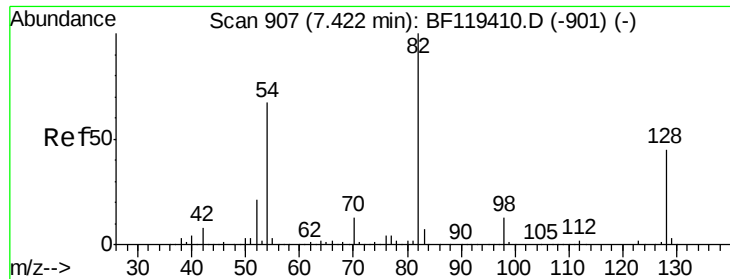
136 100

137 11.4 8.7 13.1

54 10.3 9.1 13.7

68 5.6 4.6 6.8





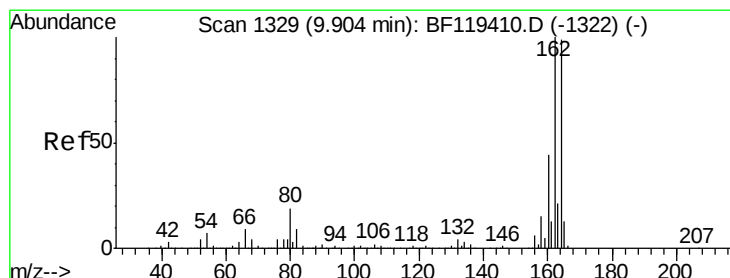
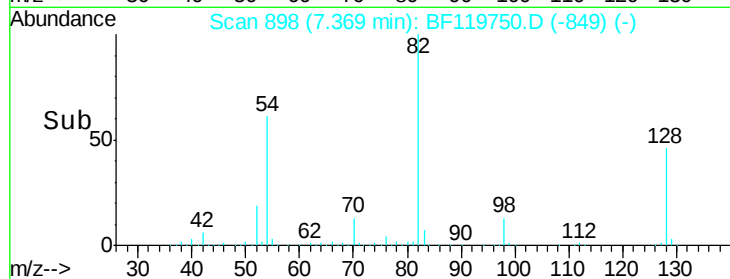
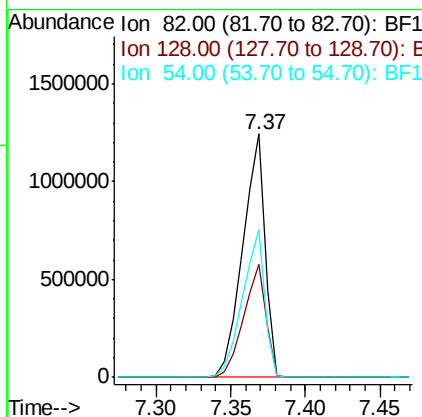
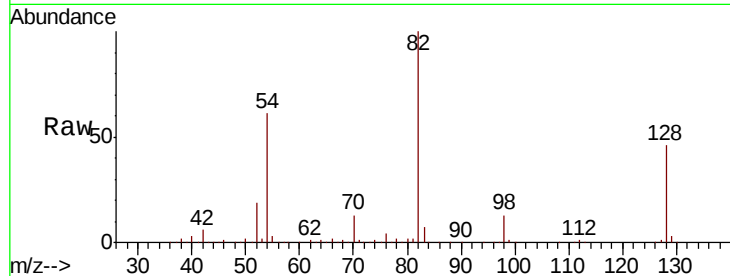
#23
 Nitrobenzene-d5
 Concen: 98.876 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Instrument :
 BNA_F
 ClientSampleId :
 239-05060708-0-6

Tot Ion	82	Resp	1290252
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	60.7	50.6	75.8

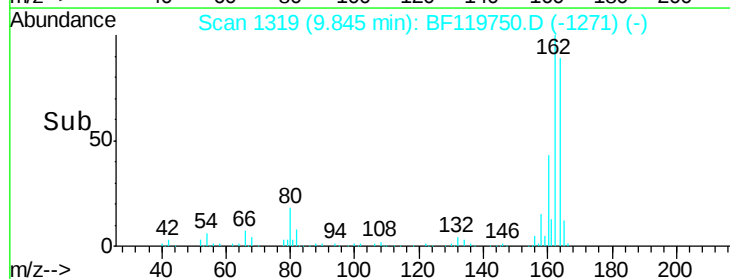
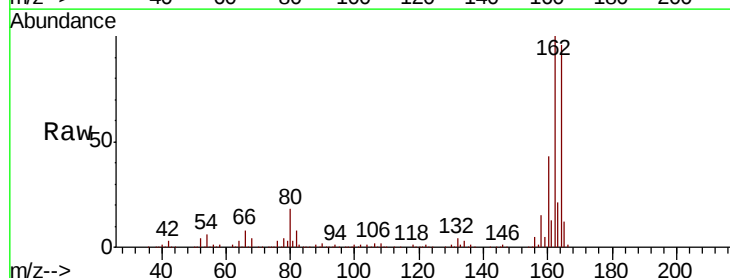
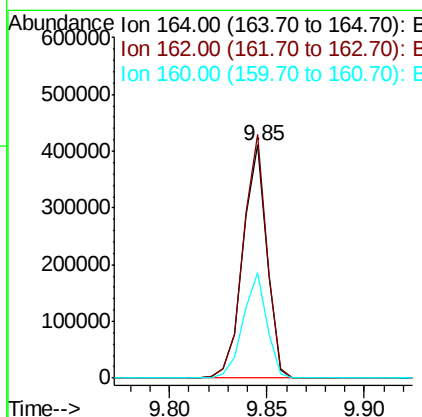
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Tgt Ion	164	Resp	349585
Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.6	121.0
160	45.1	35.7	53.5





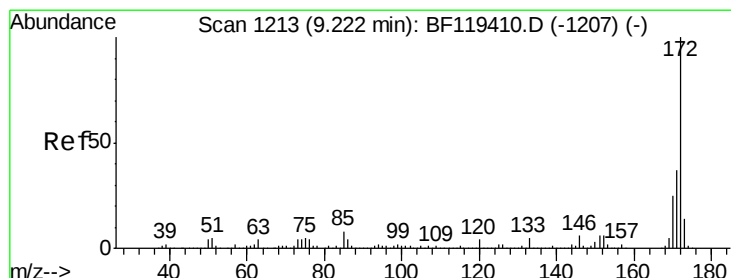
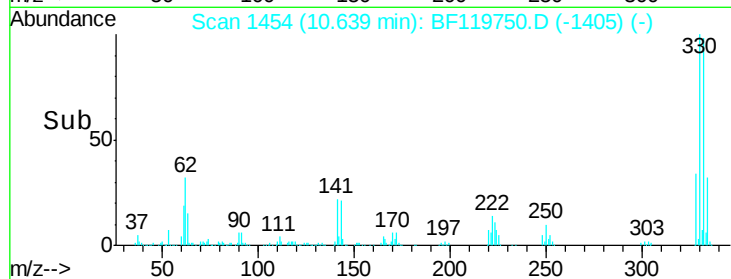
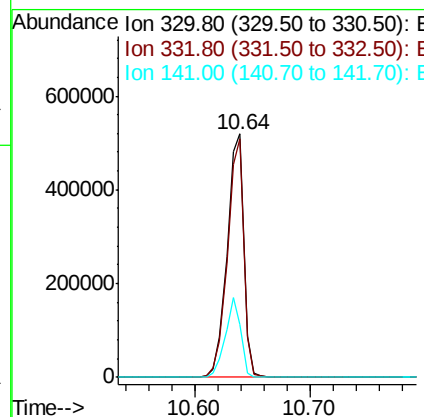
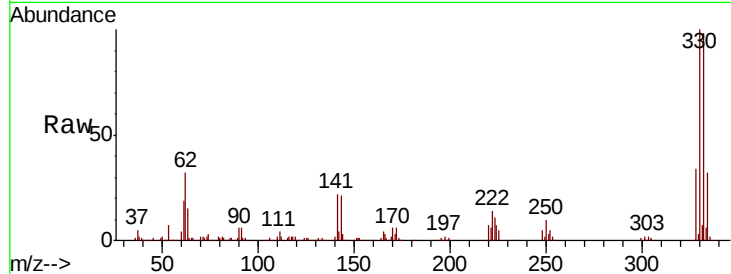
#42
 2,4,6-Tribromophenol
 Concen: 144.525 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Instrument :
 BNA_F
 ClientSampleId :
 239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.7	113.5
141	30.7	25.4	38.0

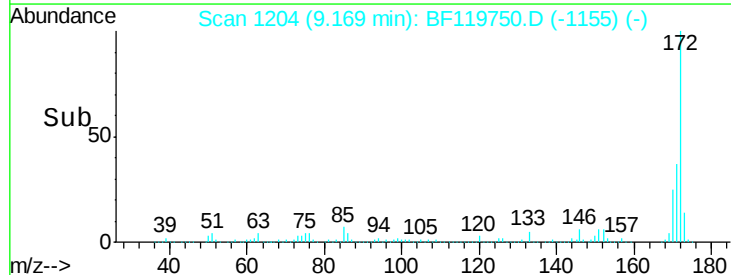
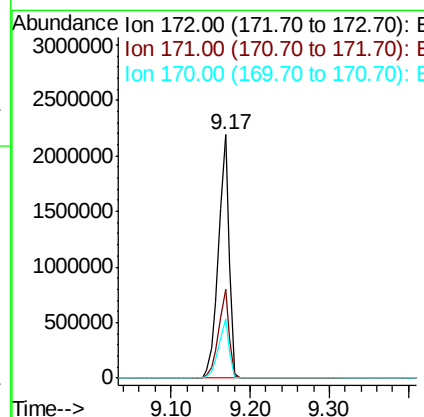
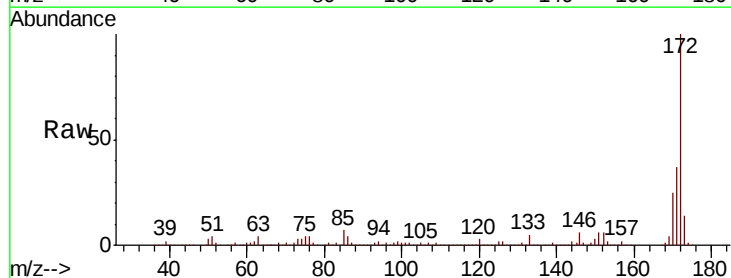
Manual Integrations
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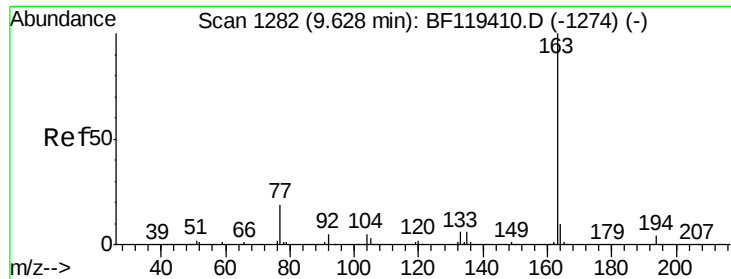
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#45
 2-Fluorobiphenyl
 Concen: 87.232 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	20.2	30.2





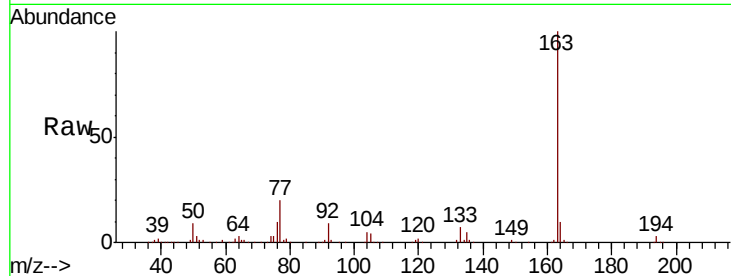
#50
Dimethylphthalate
Concen: 12.858 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.03 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

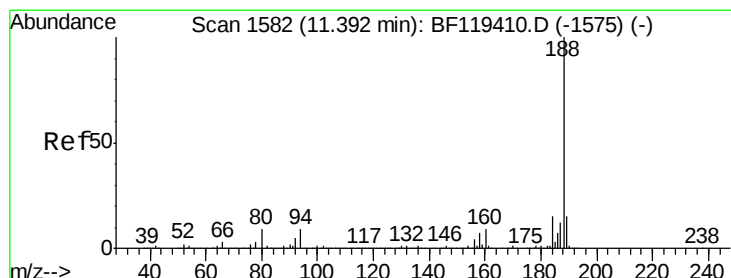
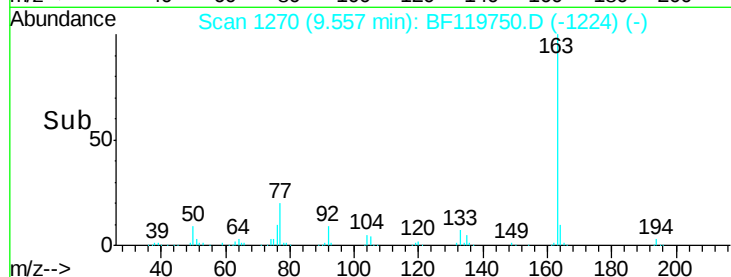
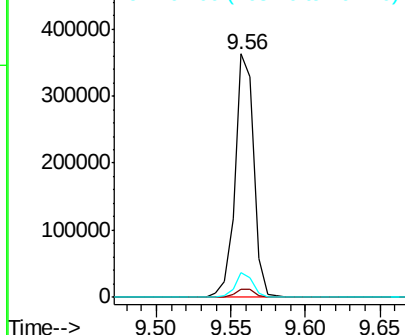
Tot Ion	Ratio	Resp	Lower	Upper
163	100	319273		
194	3.5		3.1	4.7
164	10.1		8.2	12.2

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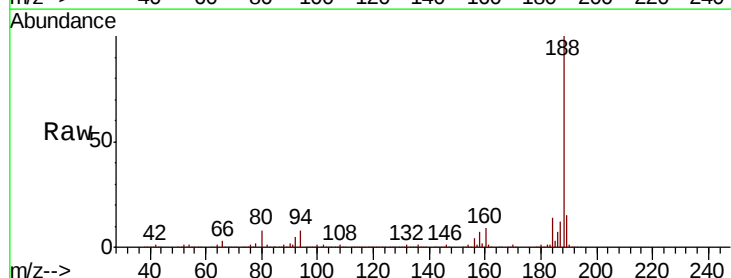


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

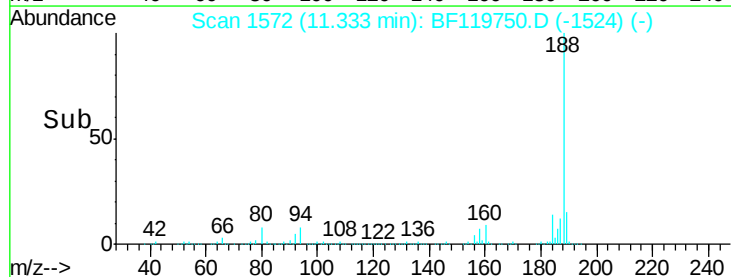
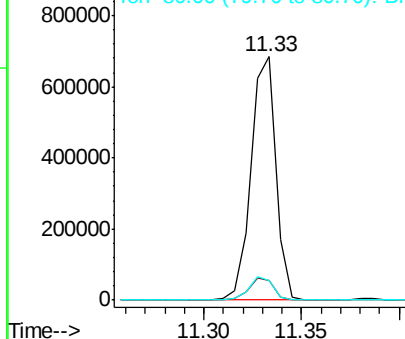


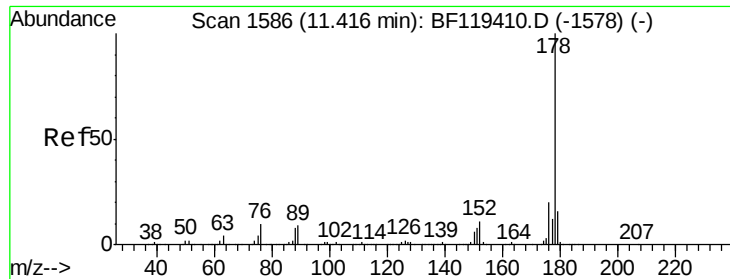
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	604189		
94	8.0		7.5	11.3
80	8.3		9.0	13.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





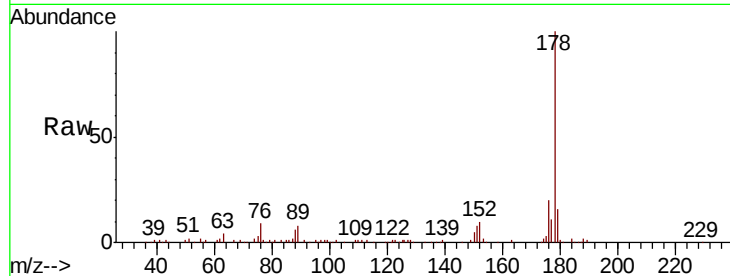
#71
Phenanthrene
Concen: 2.819 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.7	13.2	19.8

Manual Integrations
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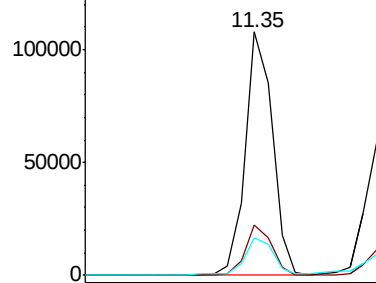


Abundance

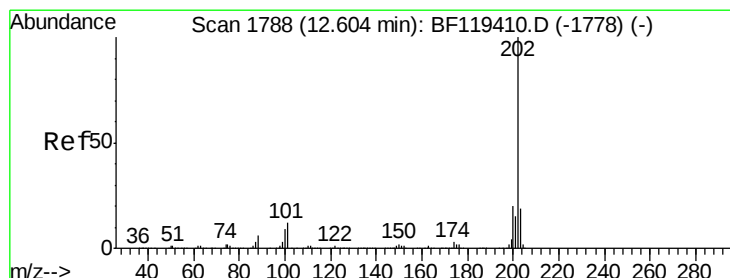
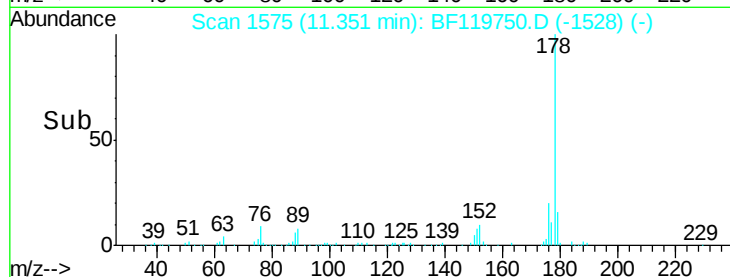
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#75
Fluoranthene
Concen: 7.074 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

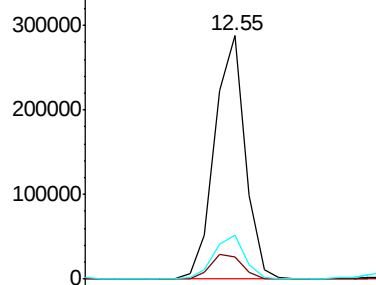
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	32.2
203	18.2	0.0	38.8

Abundance

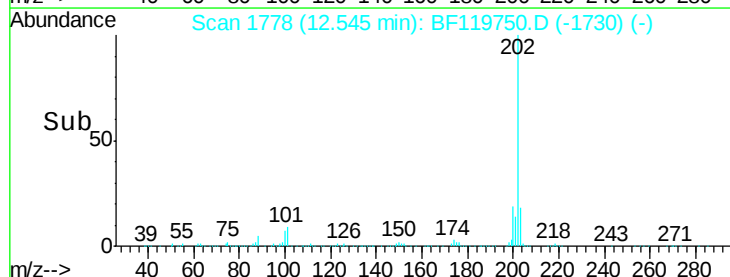
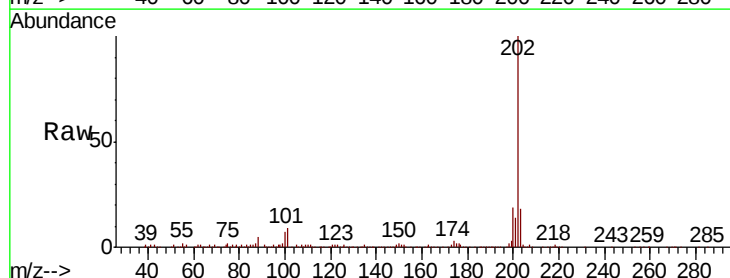
Ion 202.00 (201.70 to 202.70): E

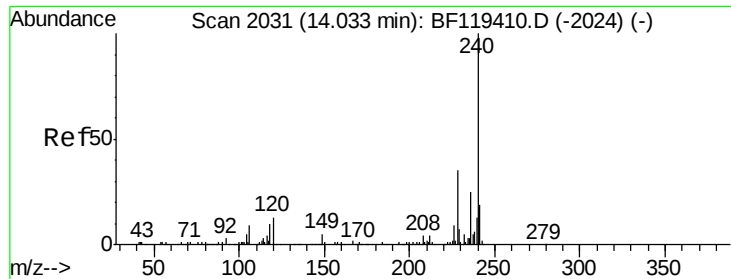
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





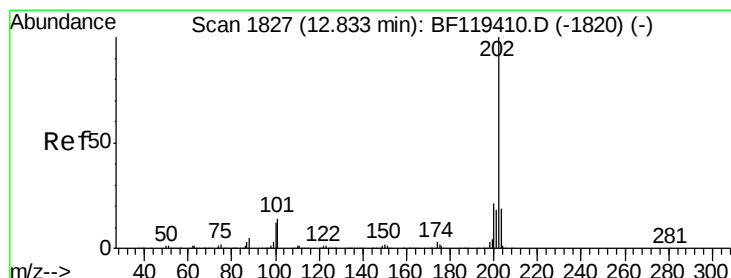
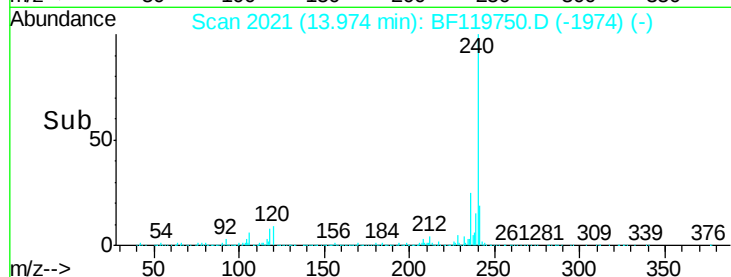
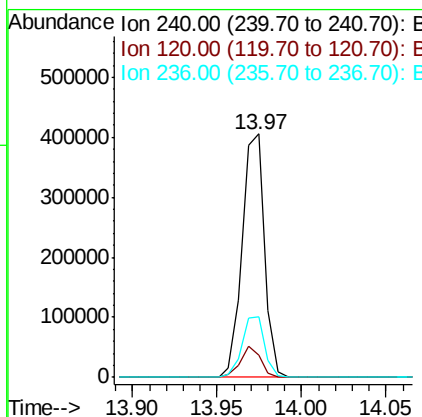
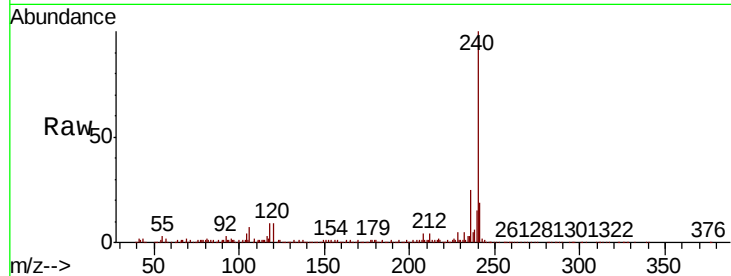
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	10.6	15.8#
236	25.0	20.2	30.2

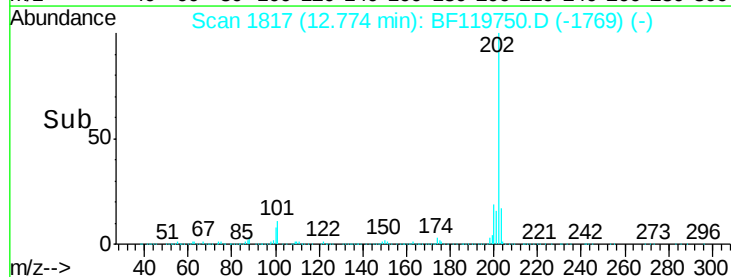
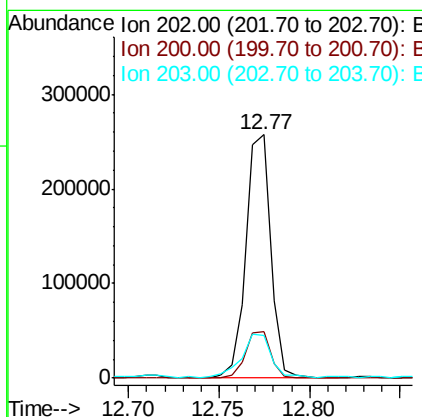
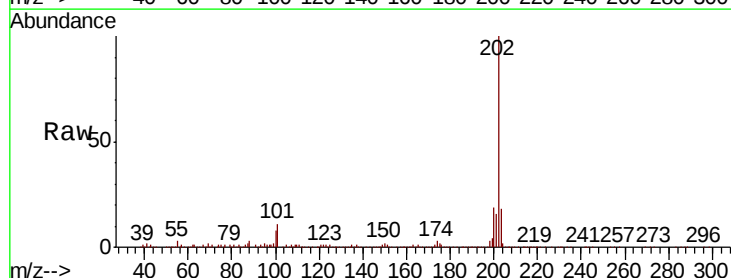
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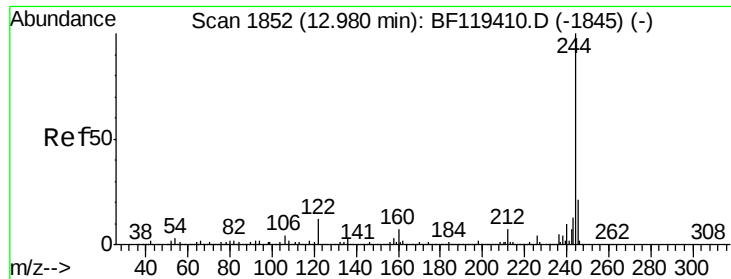
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#78
Pyrene
Concen: 7.867 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	16.8	25.2
203	17.5	15.1	22.7





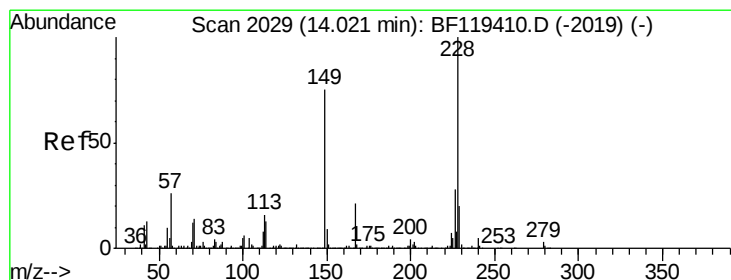
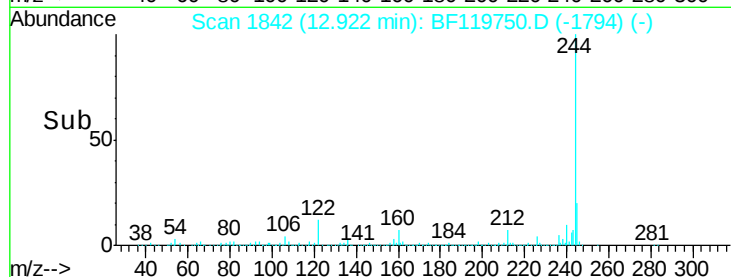
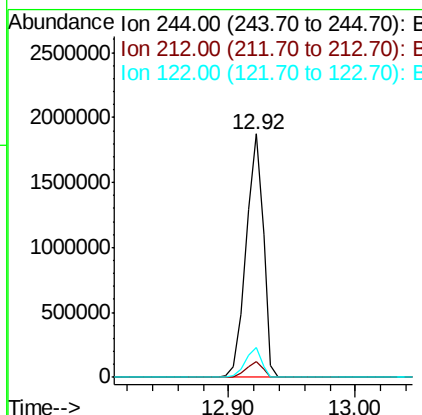
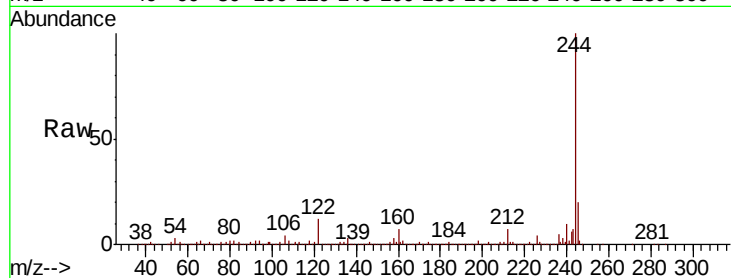
#79
 Terphenyl-d14
 Concen: 91.022 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Instrument :
 BNA_F
 ClientSampleId :
 239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.8
122	12.1	10.3	15.5

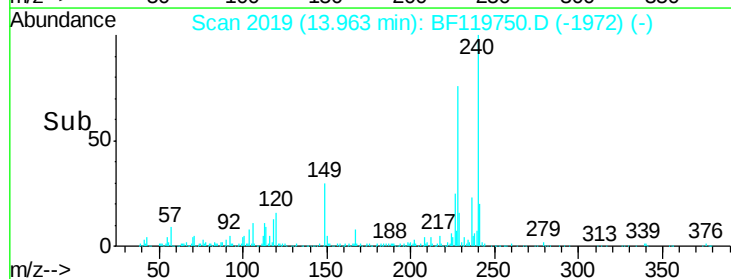
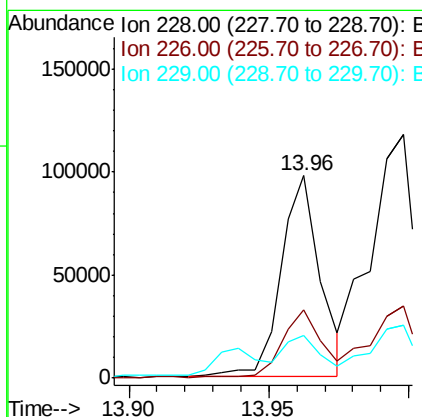
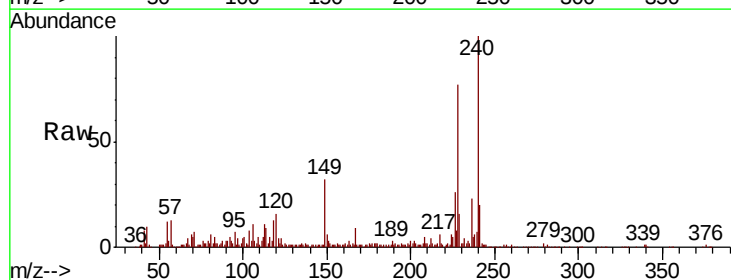
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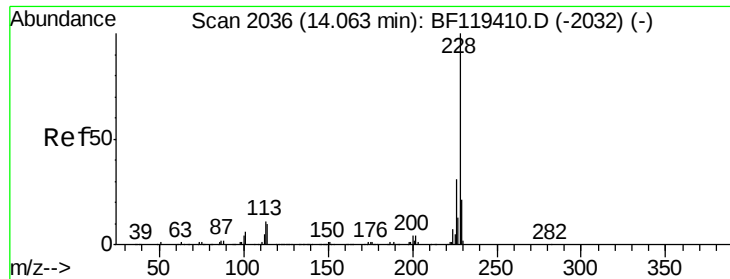
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#81
 Benzo(a)anthracene
 Concen: 3.933 ng m
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.7	21.8	32.8#
229	21.4	16.2	24.4





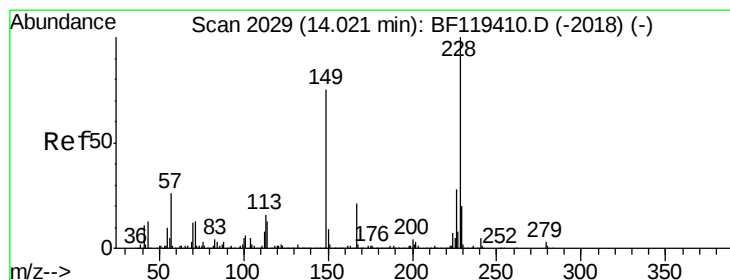
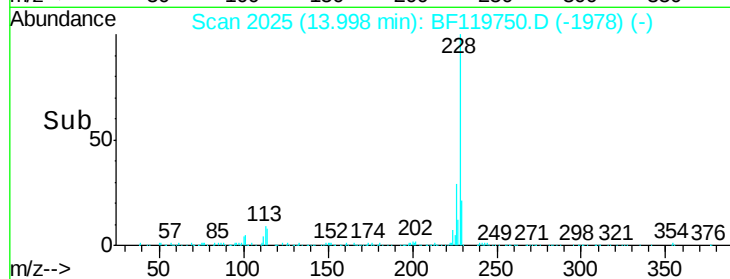
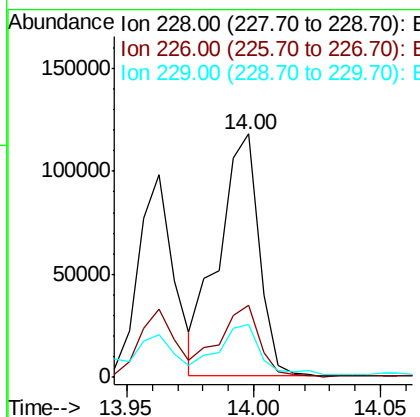
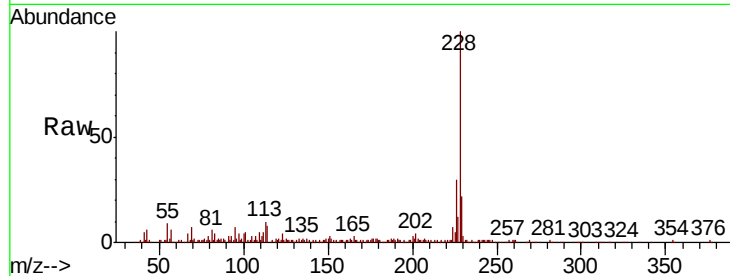
#83
Chrysene
Concen: 5.149 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.4	38.0
229	21.9	16.6	24.8

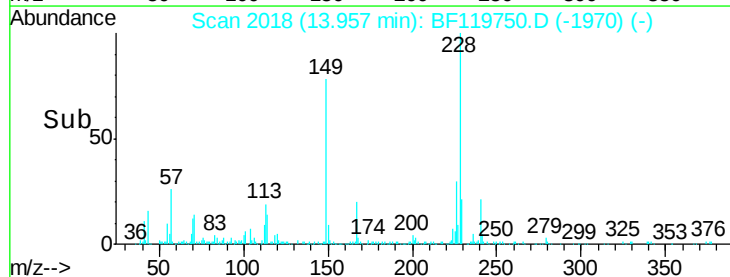
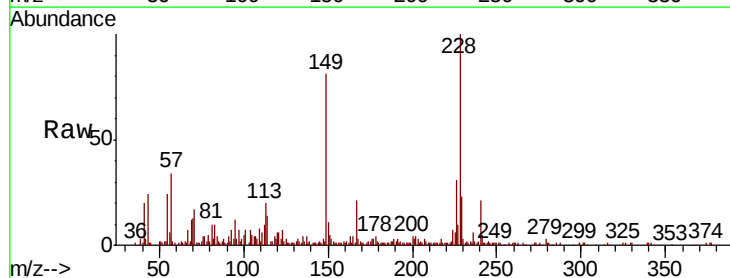
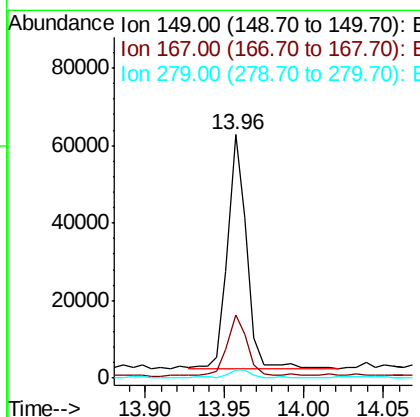
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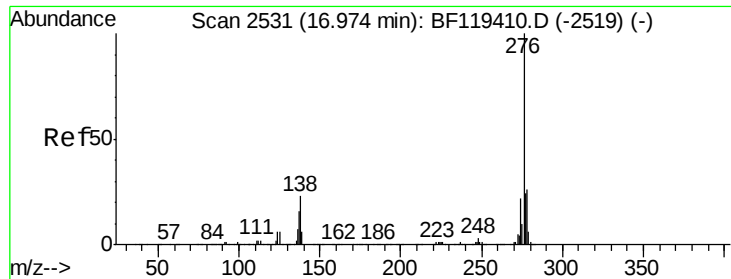
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.383 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.5	2.7	4.1





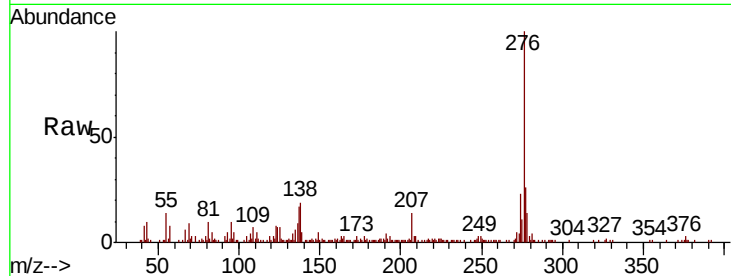
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 3.496 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. -0.06 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Instrument :
 BNA_F
 ClientSampleId :
 239-05060708-0-6

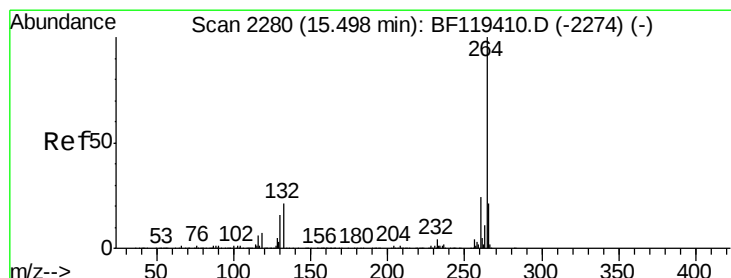
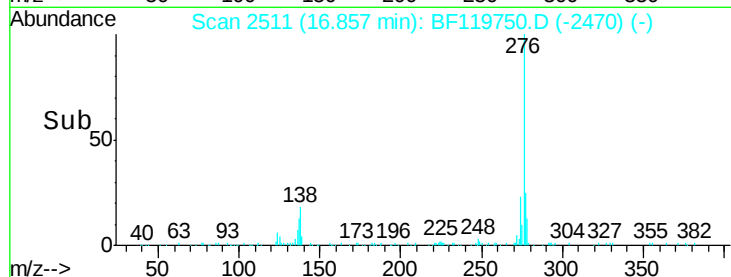
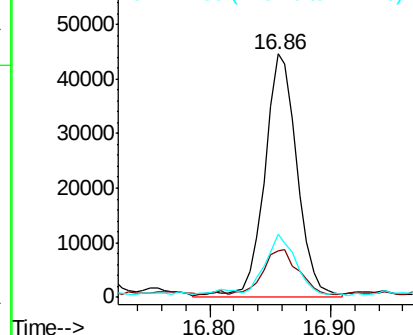
Tot Ion:	276	Resp:	83289
Ion Ratio	Lower	Upper	
276	100		
138	20.1	19.6	29.4
277	23.1	20.0	30.0

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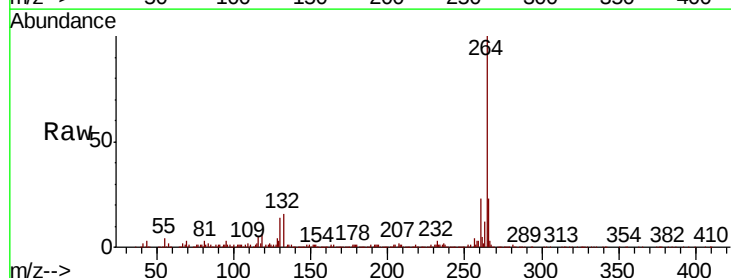


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

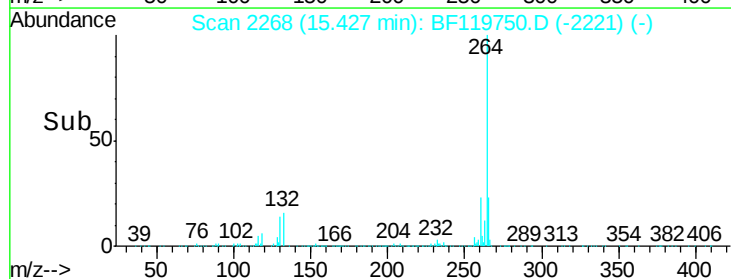
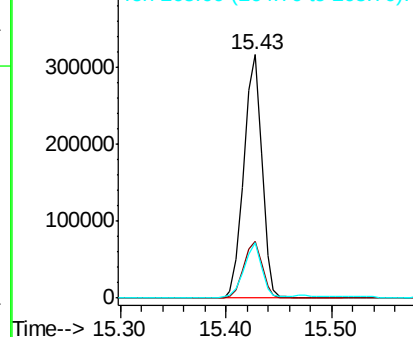


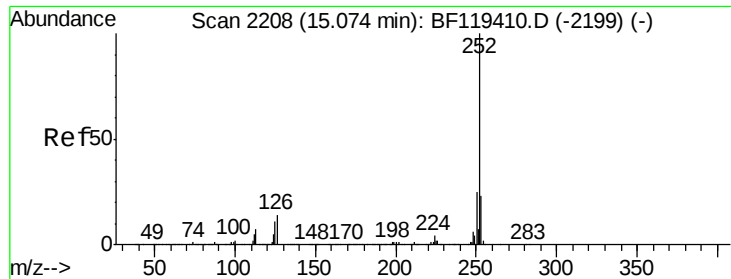
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF119750.D
 Acq: 4 Apr 2020 7:35

Tgt Ion:	264	Resp:	374589
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	22.8	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





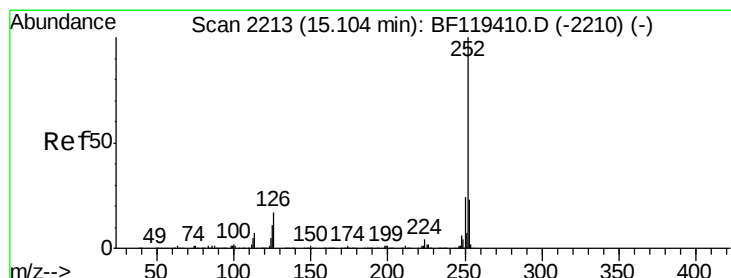
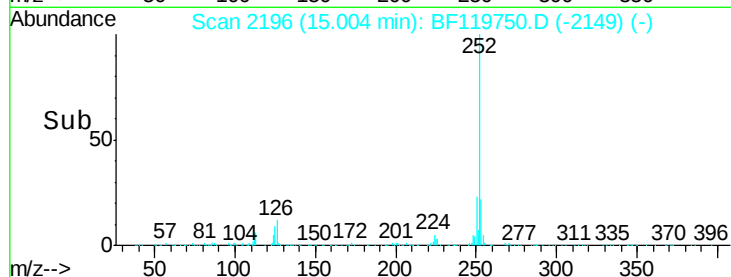
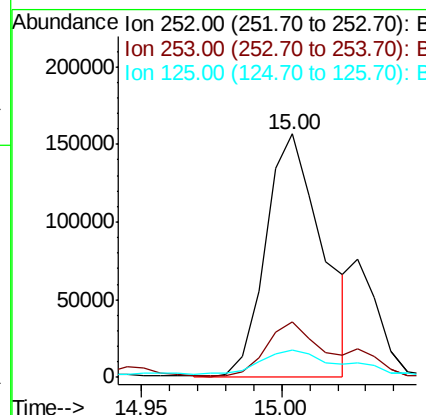
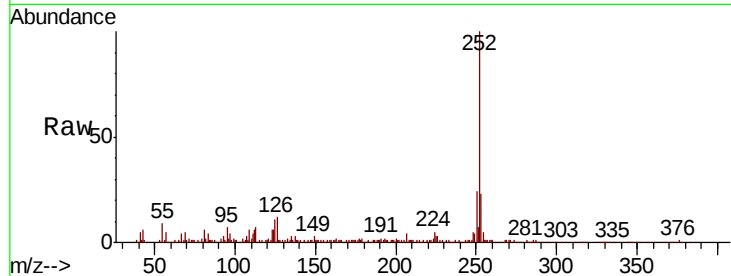
#88
Benzo(b)fluoranthene
Concen: 8.670 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Instrument :
BNA_F
ClientSampleId :
239-05060708-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.9	7.9	11.9

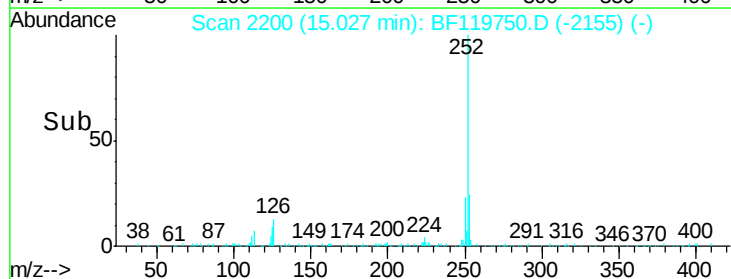
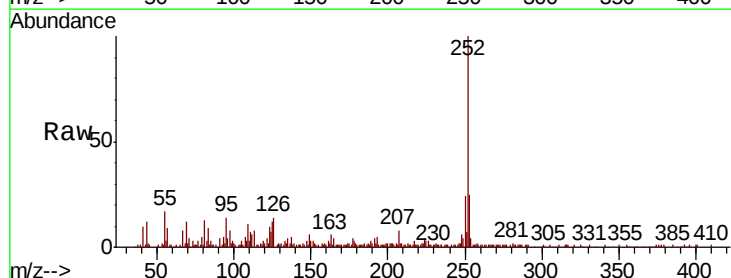
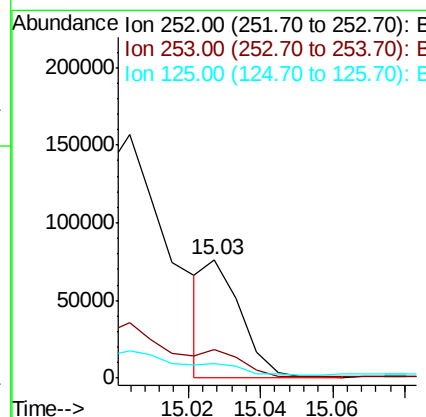
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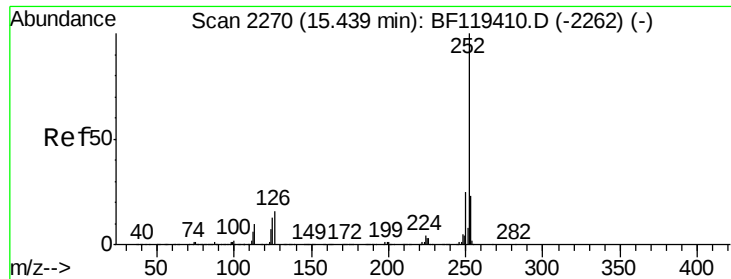
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#89
Benzo(k)fluoranthene
Concen: 2.206 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF119750.D
Acq: 4 Apr 2020 7:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	12.2	8.4	12.6





#90

Benzo(a)pyrene

Concen: 4.160 ng

RT: 15.36 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF119750.D

Acq: 4 Apr 2020 7:35

Instrument :

BNA_F

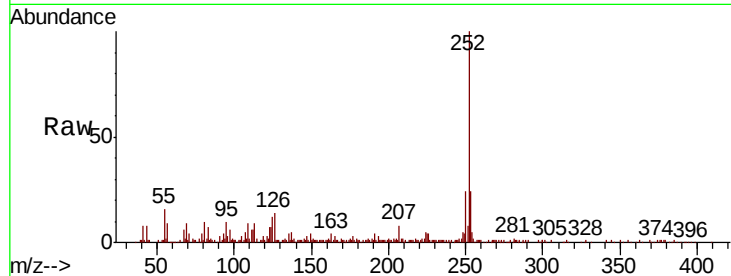
ClientSampleId :

239-05060708-0-6

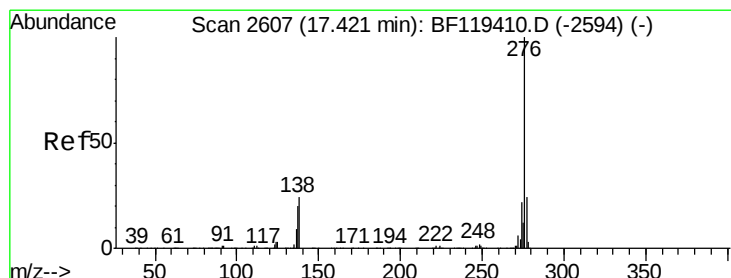
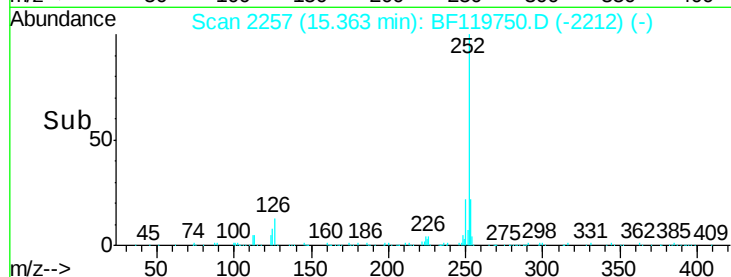
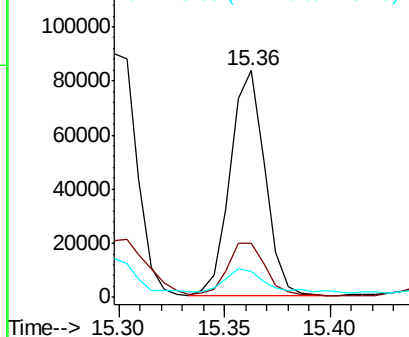
Tot Ion:	252	Resp:	94588
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	11.5	9.4	14.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 3.905 ng

RT: 17.29 min Scan# 2585

Delta R.T. -0.06 min

Lab File: BF119750.D

Acq: 4 Apr 2020 7:35

Tgt Ion:	276	Resp:	78037
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.4	27.6
138	20.0	15.4	23.0

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

