

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119701.D
 Acq On : 2 Apr 2020 7:07
 Operator : MA/SJ
 Sample : L2055-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7-(1-3)

Manual Integrations
 APPROVED

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Quant Time: Apr 02 07:50:22 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	6.81	152	273212	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	972352	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	446294	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	696439	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	446147	20.00	ng	-0.02
87) Perylene-d12	15.44	264	408776	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1498520	87.31	ng	0.01
7) Phenol-d6	6.45	99	1865537	85.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	1164476	65.09	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	389942	84.69	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1905366	63.25	ng	0.00
79) Terphenyl-d14	12.93	244	1482344	65.10	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.57	163	204637	6.455	ng	99
71) Phenanthrene	11.36	178	191605	5.306	ng	97
72) Anthracene	11.42	178	147682	4.024	ng	96
75) Fluoranthene	12.56	202	633770	16.216	ng	96
78) Pyrene	12.78	202	515217	14.071	ng	98
81) Benzo(a)anthracene	13.97	228	285766m	9.850	ng	
83) Chrysene	14.01	228	277384	9.264	ng	96
86) Indeno(1,2,3-cd)pyrene	16.89	276	109843	3.895	ng	96
88) Benzo(b)fluoranthene	15.02	252	316349m	11.585	ng	
89) Benzo(k)fluoranthene	15.04	252	105868m	4.072	ng	
90) Benzo(a)pyrene	15.37	252	203100	8.184	ng	96
92) Benzo(a,h,i)perylene	17.32	276	101677	4.663	ng	93

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

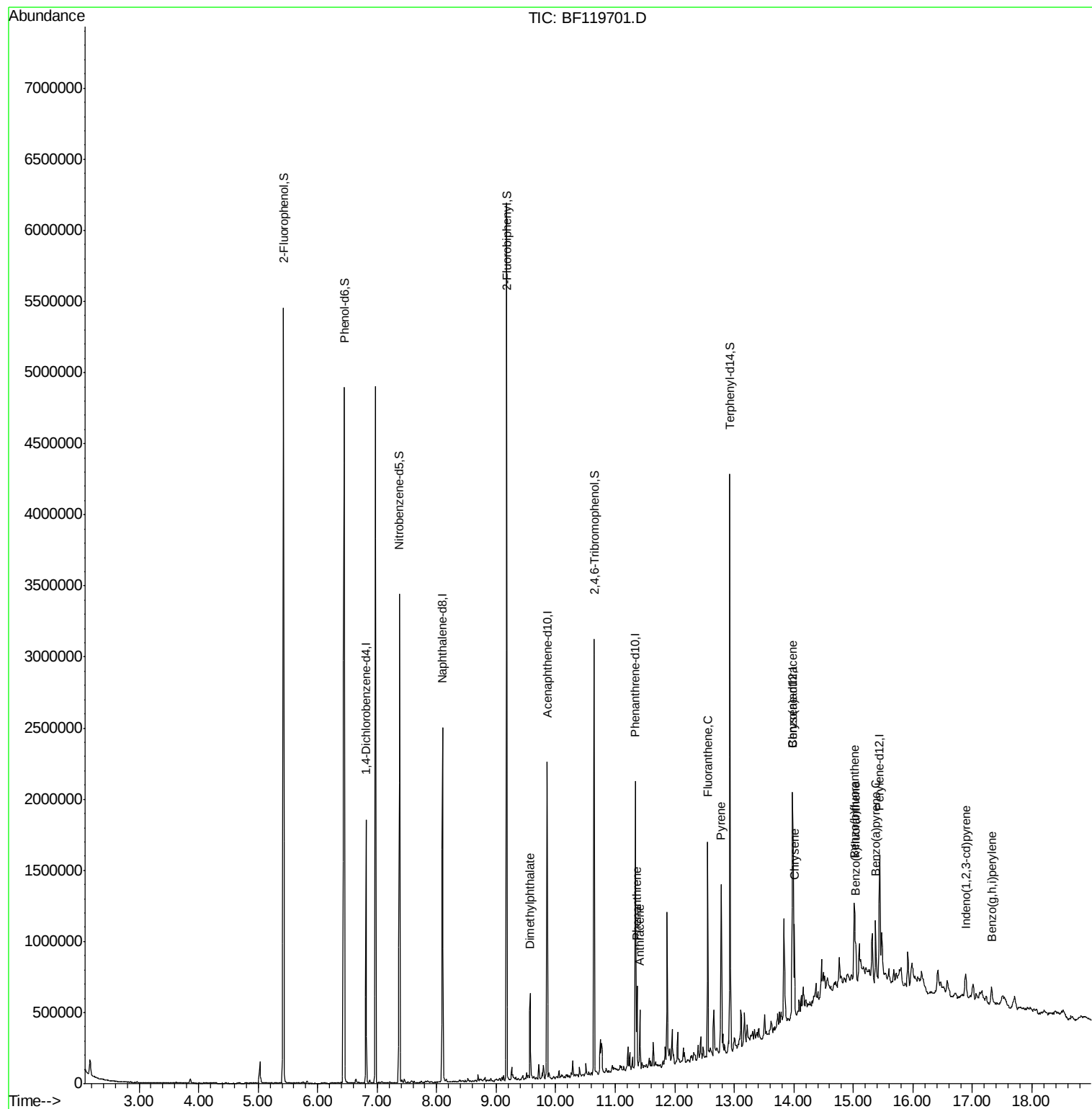
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119701.D
Acq On : 2 Apr 2020 7:07
Operator : MA/SJ
Sample : L2055-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

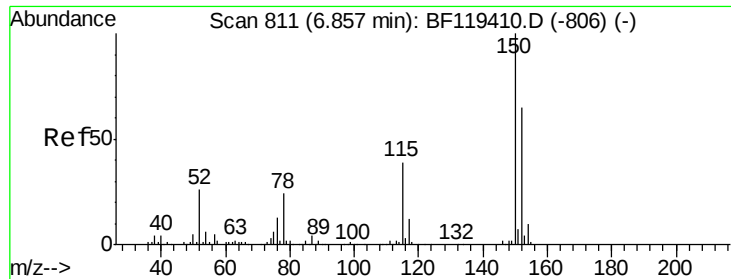
Instrument :
BNA_F
ClientSampleId :
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Quant Time: Apr 02 07:50:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

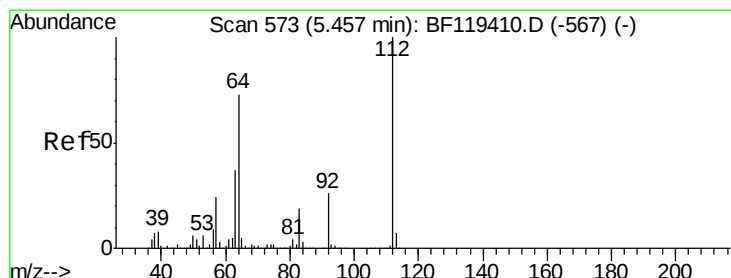
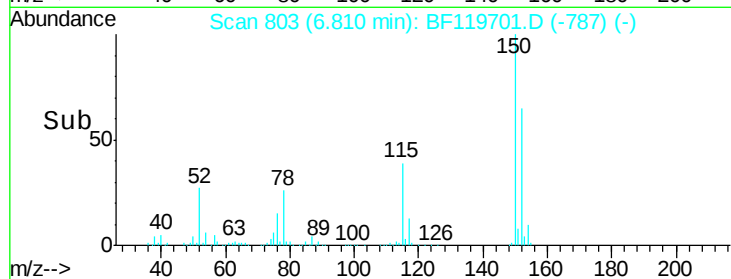
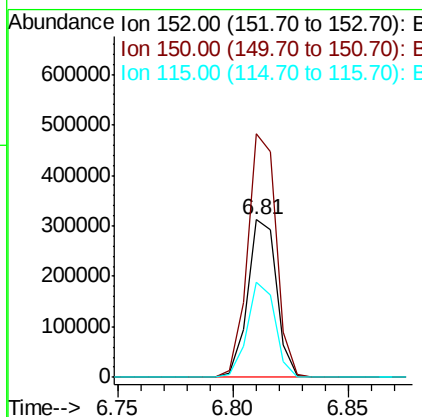
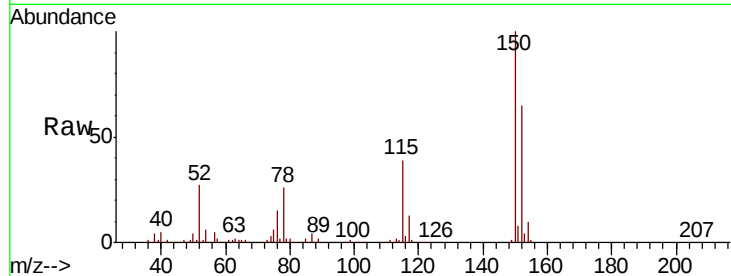
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.5	186.7
115	60.9	49.6	74.4

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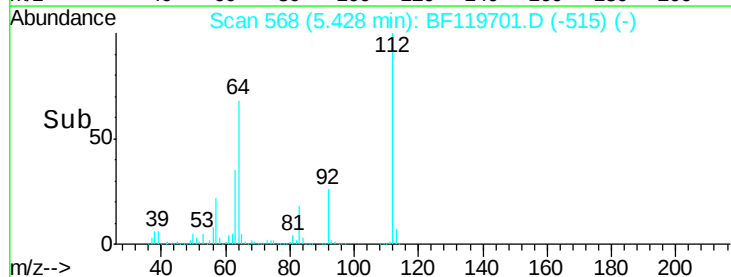
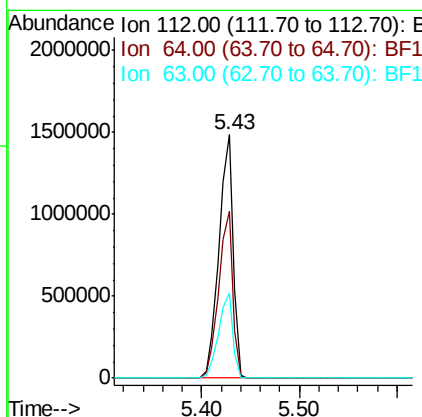
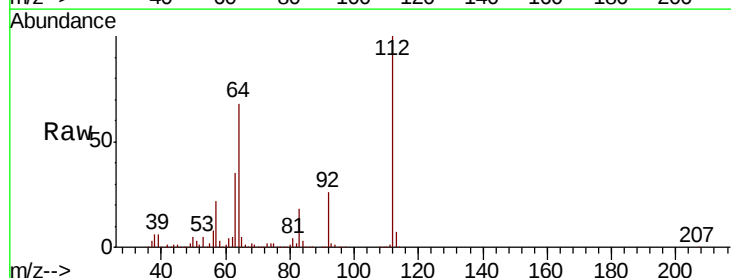
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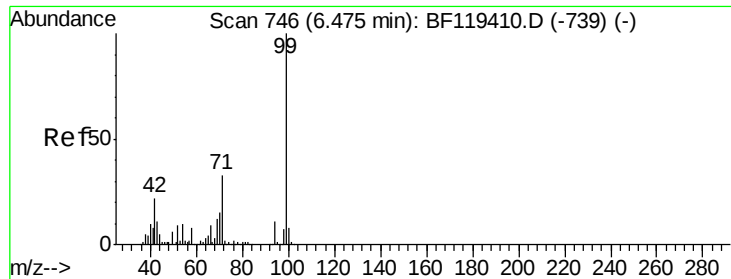


#5

2-Fluorophenol
Concen: 87.313 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	56.7	85.1
63	34.7	29.5	44.3





#7

Phenol-d6

Concen: 85.091 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

Instrument :

BNA_F

ClientSampleId :

SB-7-(1-3)

Tot Ion: 99 Resp: 186537

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

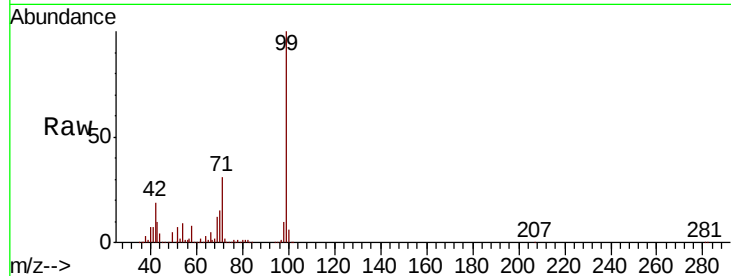
71 31.4 26.4 39.6

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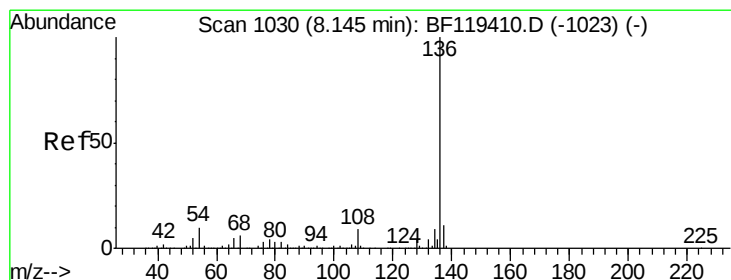
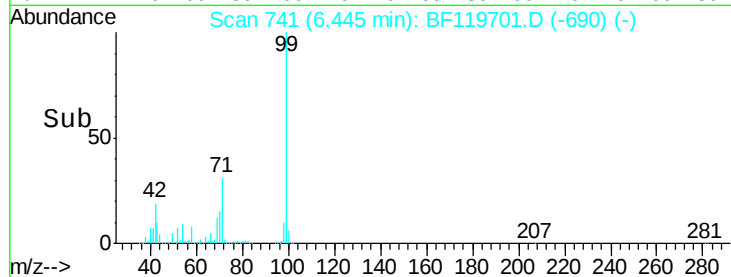
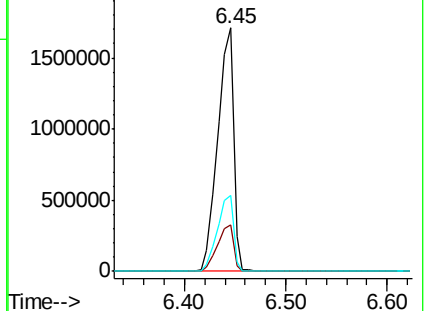
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

Tgt Ion: 136 Resp: 972352

Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.1 9.1 13.7

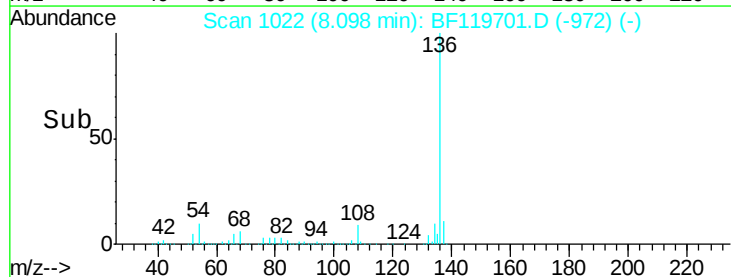
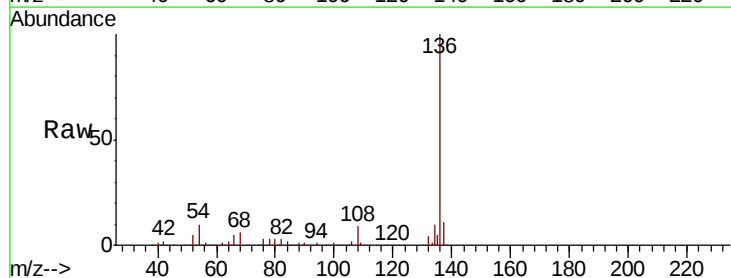
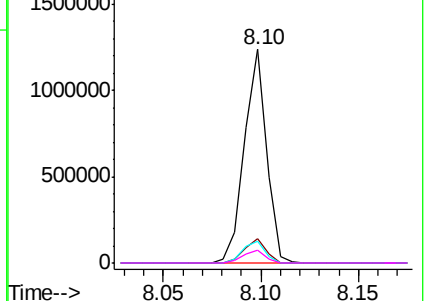
68 6.0 4.6 6.8

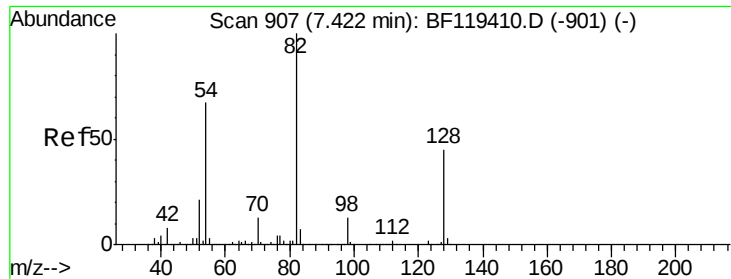
Abundance Ion 136.00 (135.70 to 136.70): E

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





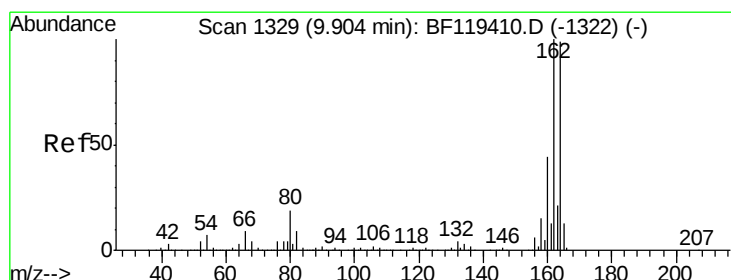
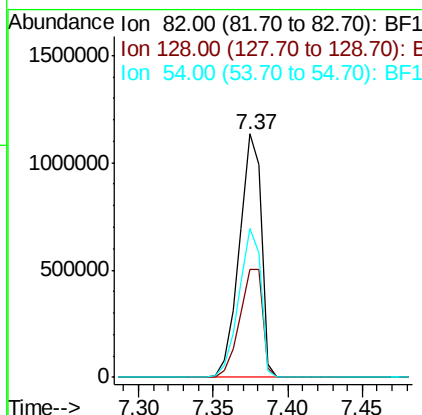
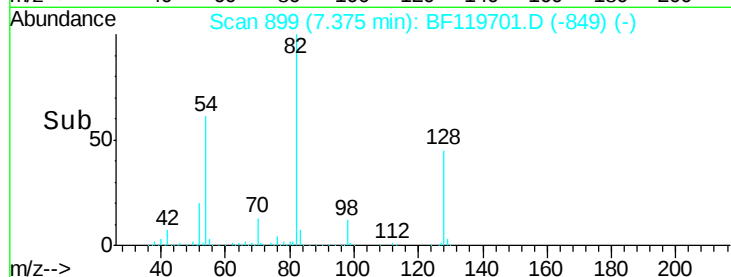
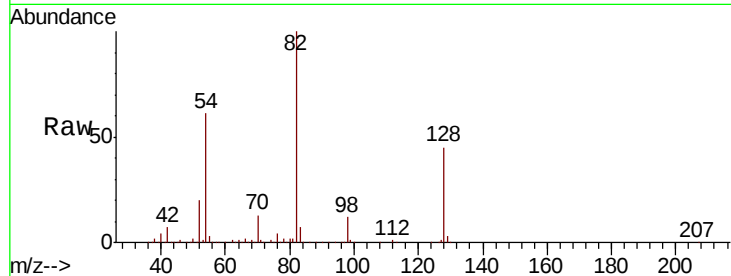
#23
 Nitrobenzene-d5
 Concen: 65.086 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119701.D
 Acq: 2 Apr 2020 7:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	60.9	50.6	75.8

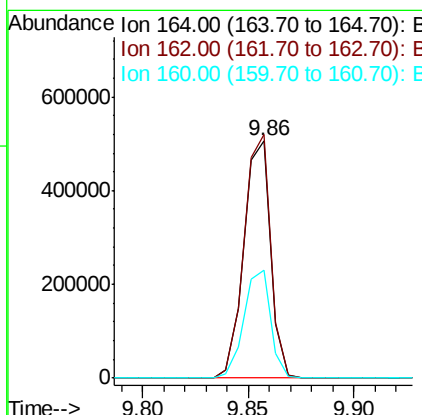
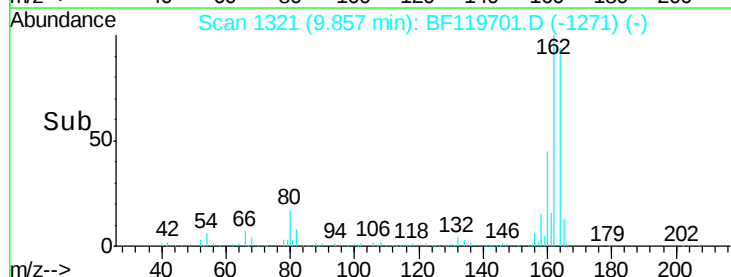
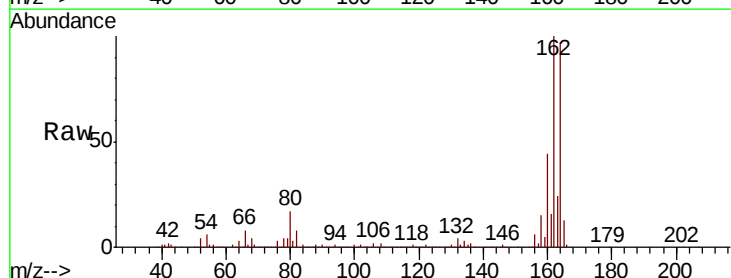
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF119701.D
 Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	121.0
160	45.6	35.7	53.5





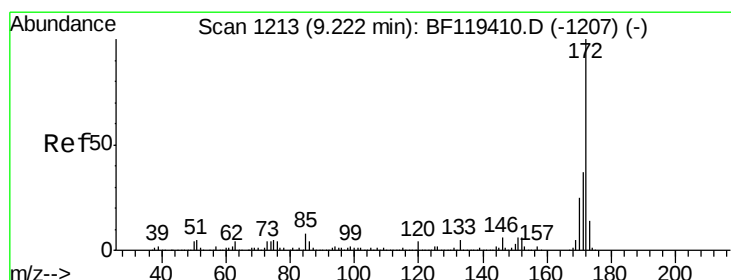
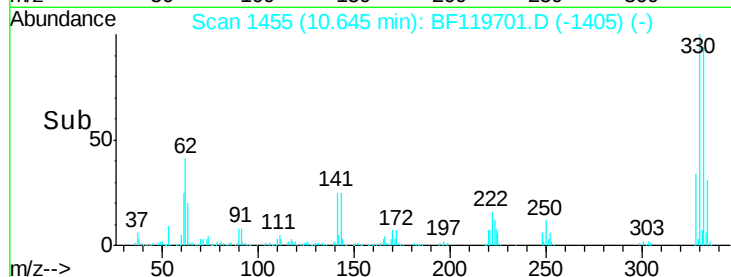
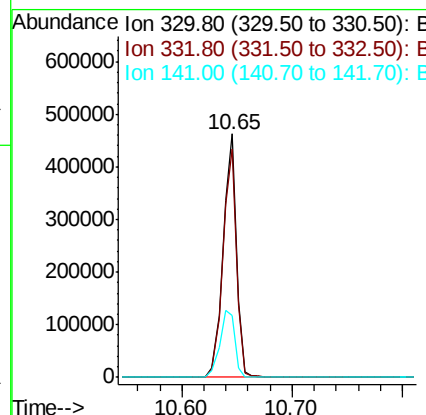
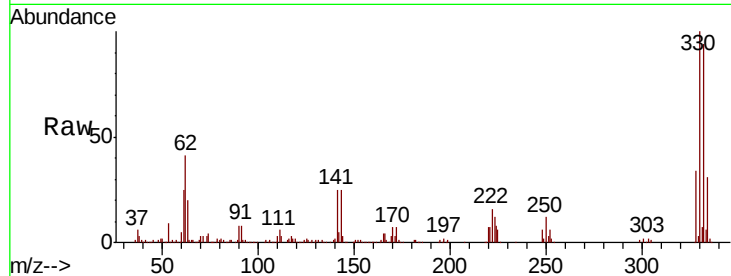
#42
 2,4,6-Tribromophenol
 Concen: 84.692 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF119701.D
 Acq: 2 Apr 2020 7:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-7-(1-3)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	389942		
332	95.0		75.7	113.5
141	30.4		25.4	38.0

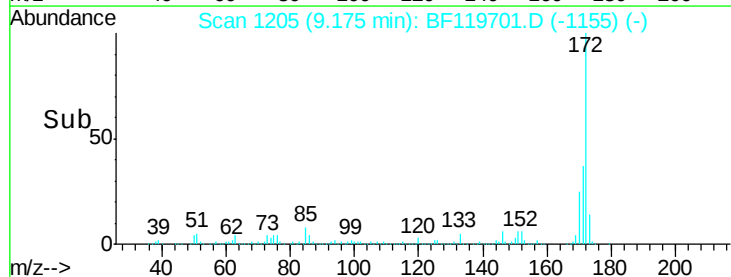
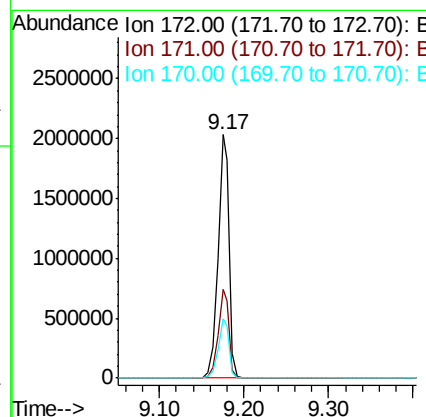
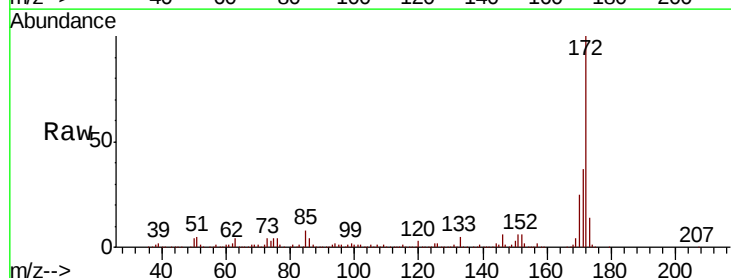
Manual Integrations
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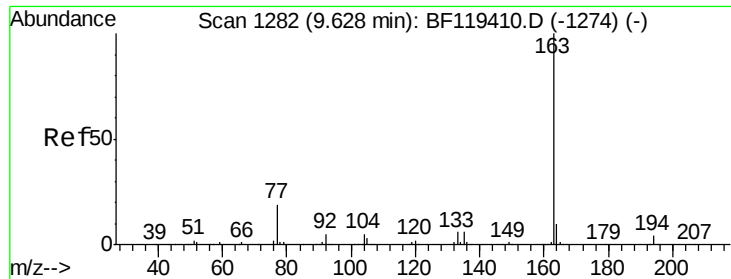
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#45
 2-Fluorobiphenyl
 Concen: 63.249 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF119701.D
 Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1905366		
171	36.7		29.6	44.4
170	24.6		20.2	30.2





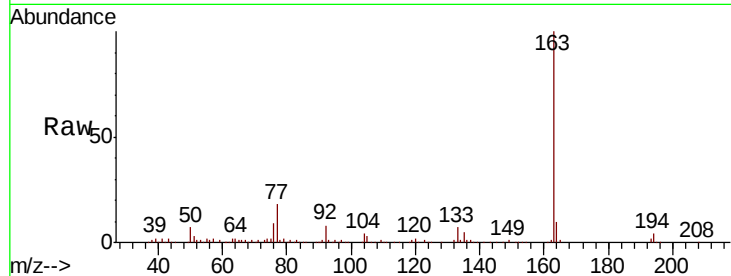
#50
Dimethylphthalate
Concen: 6.455 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

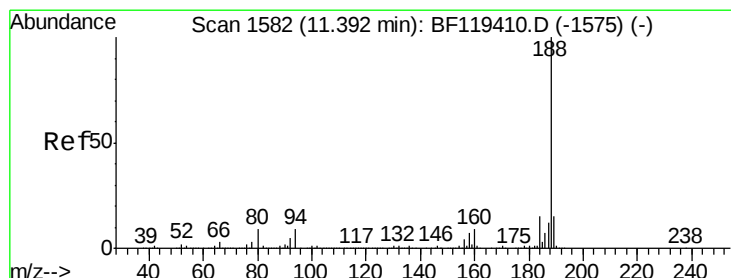
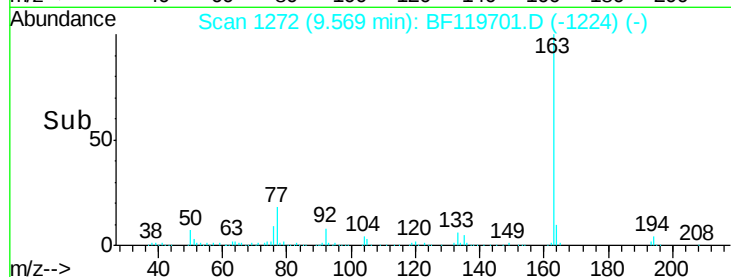
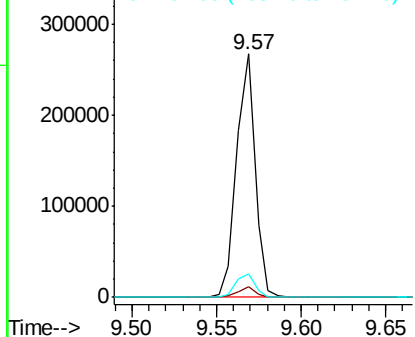
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		204637		
194	4.1		3.1	4.7	
164	9.8		8.2	12.2	

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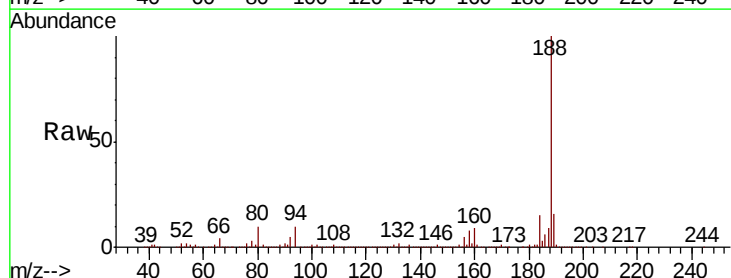


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

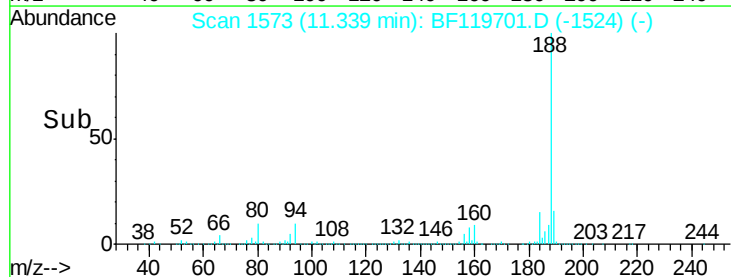
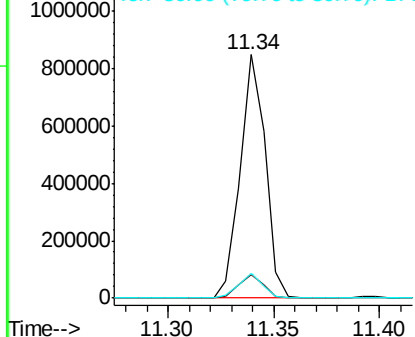


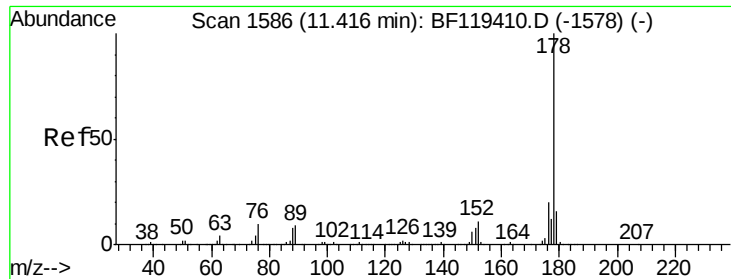
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		696439		
94	9.8		7.5	11.3	
80	10.4		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





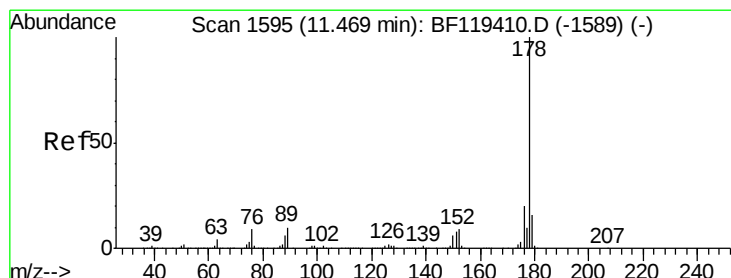
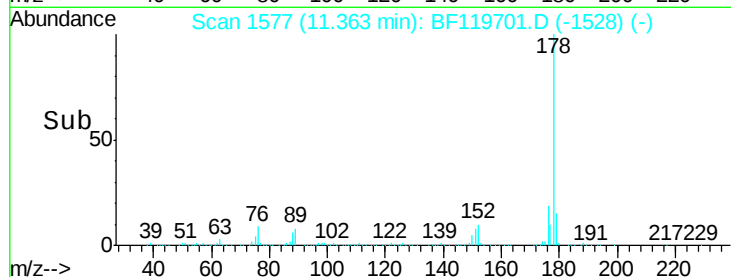
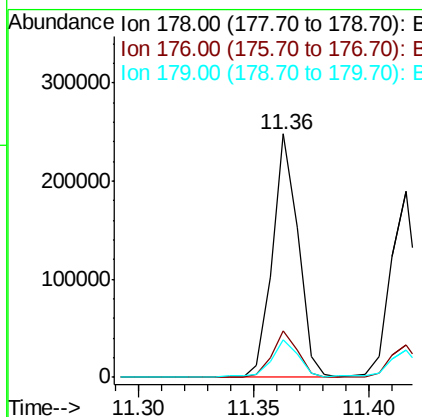
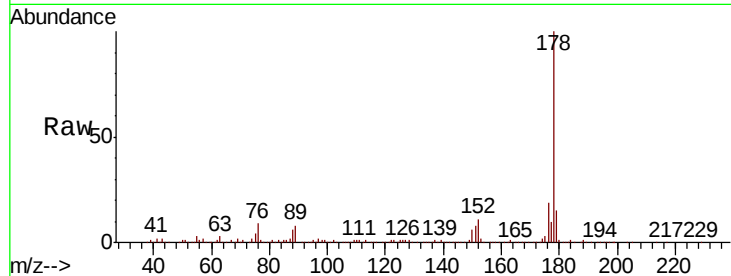
#71
Phenanthrene
Concen: 5.306 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.3	13.2	19.8

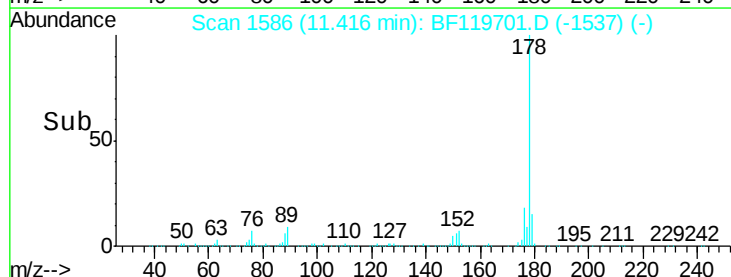
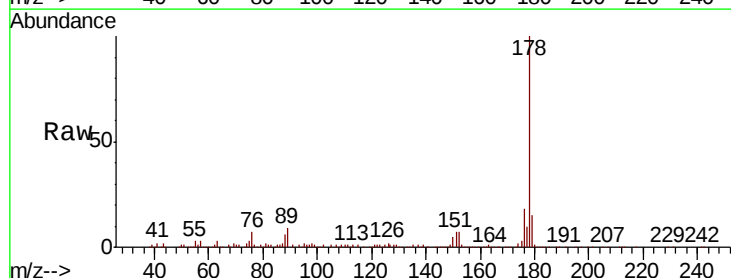
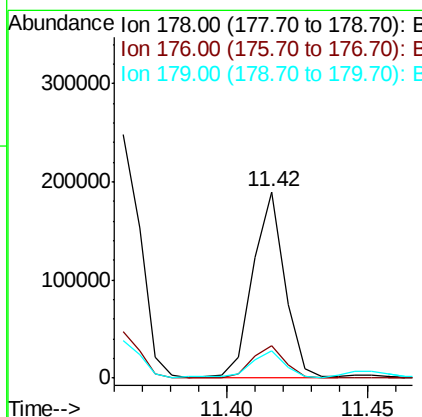
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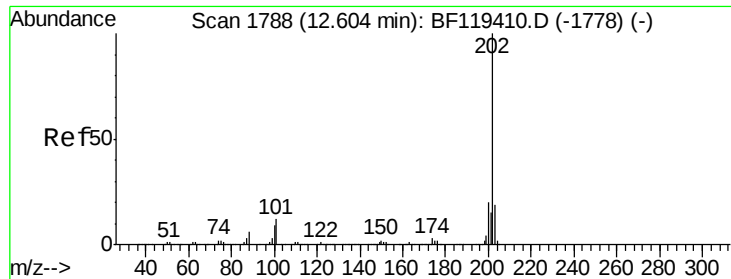
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#72
Anthracene
Concen: 4.024 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	16.1	24.1
179	14.8	13.0	19.4





#75

Fluoranthene

Concen: 16.216 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

Instrument :

BNA_F

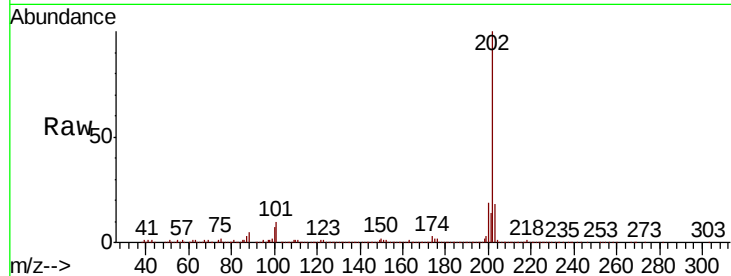
ClientSampleId :

SB-7-(1-3)

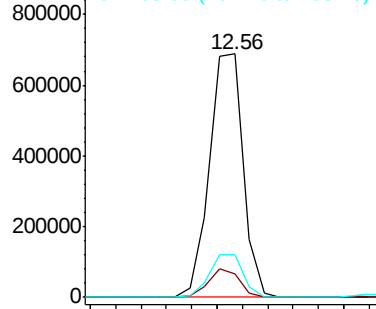
Tot Ion:	202	Resp:	633770
Ion Ratio		Lower	Upper
202	100		
101	9.7	0.0	32.2
203	17.6	0.0	38.8

Manual Integrations
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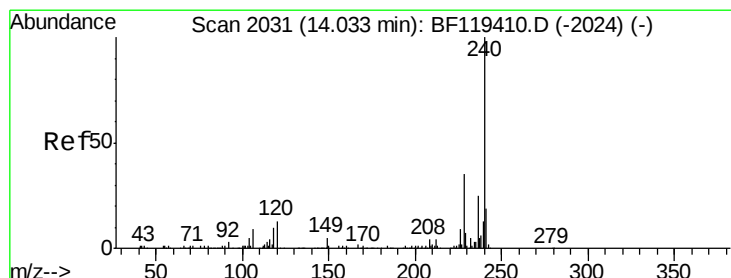
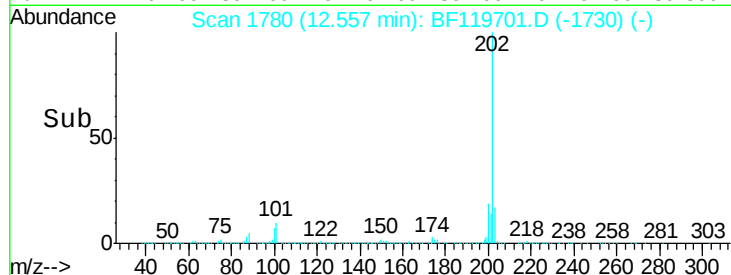
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.55 12.60



#76

Chrysene-d12

Concen: 20.000 ng

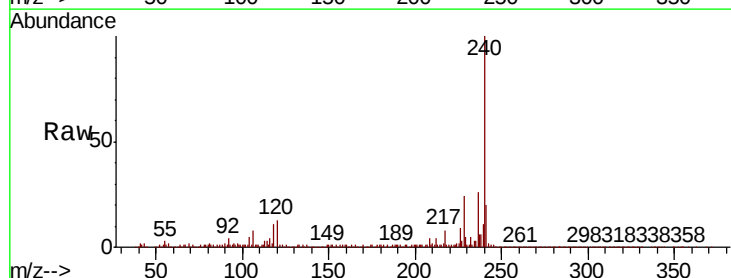
RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

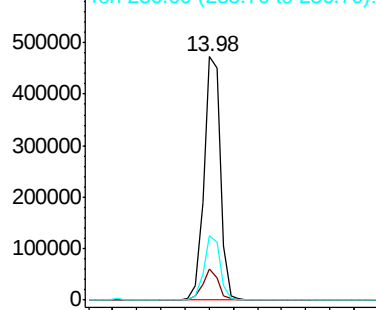
Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

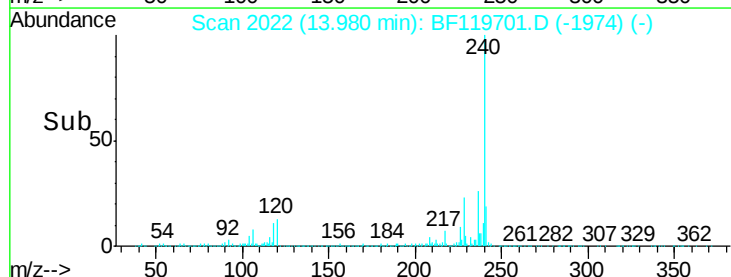
Tgt Ion:	240	Resp:	446147
Ion Ratio		Lower	Upper
240	100		
120	13.0	10.6	15.8
236	26.5	20.2	30.2

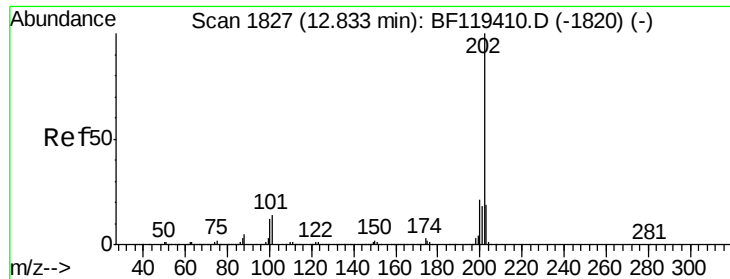


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10





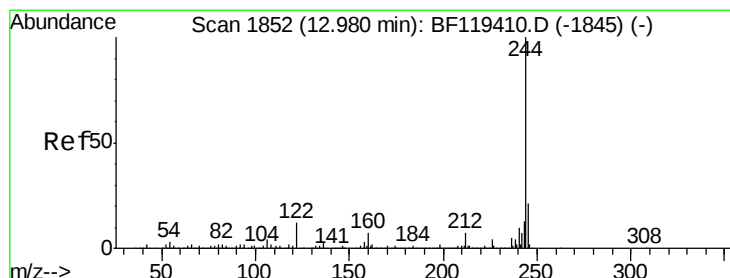
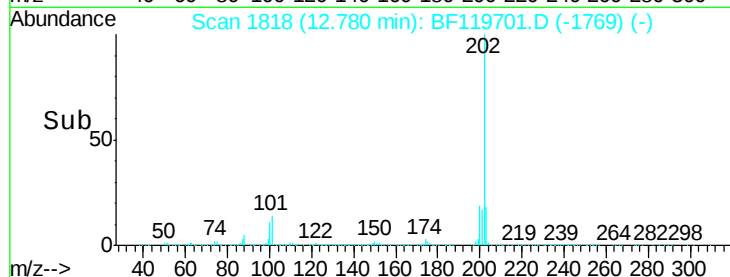
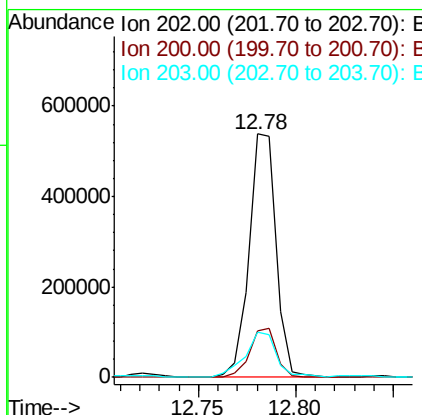
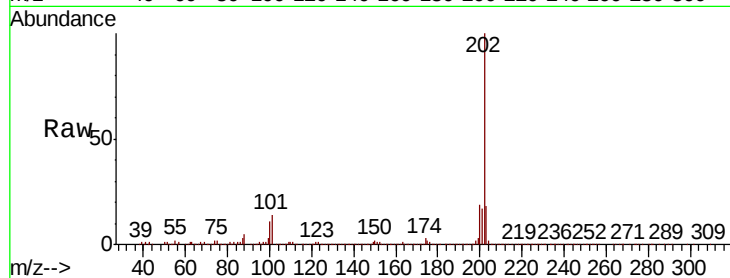
#78
Pvrene
Concen: 14.071 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.8	25.2
203	18.5	15.1	22.7

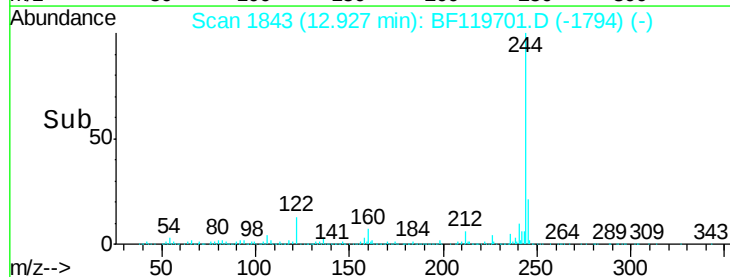
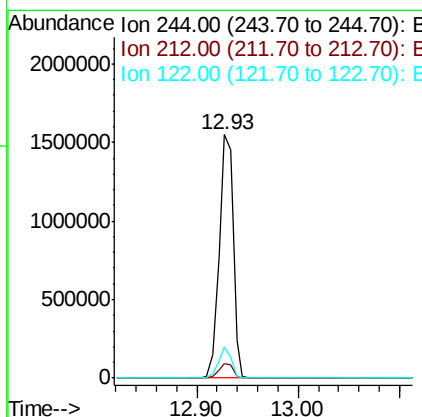
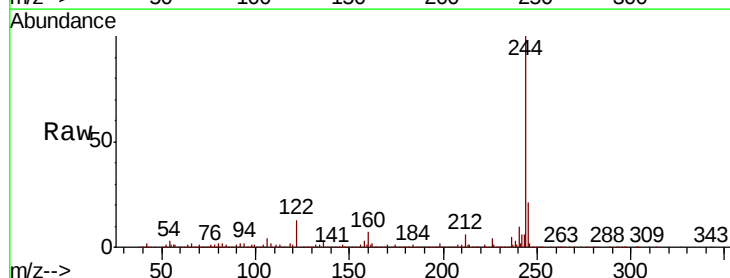
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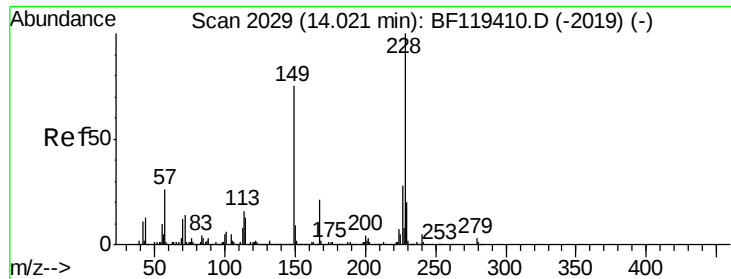
mohammad
4/3/2020 11:15:13 PM



#79
Terphenyl-d14
Concen: 65.096 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.8	8.8
122	13.0	10.3	15.5





#81

Benzo(a)anthracene

Concen: 9.850 ng m

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

Instrument :

BNA_F

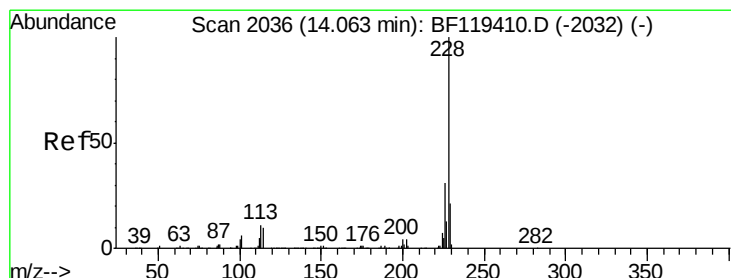
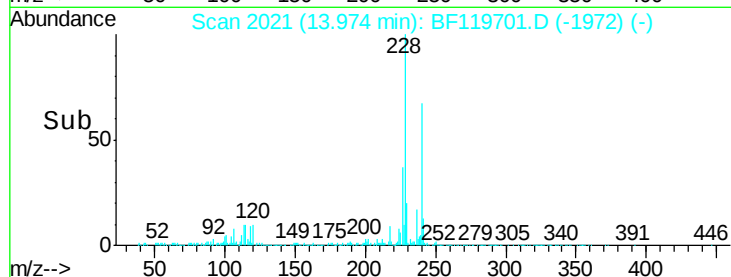
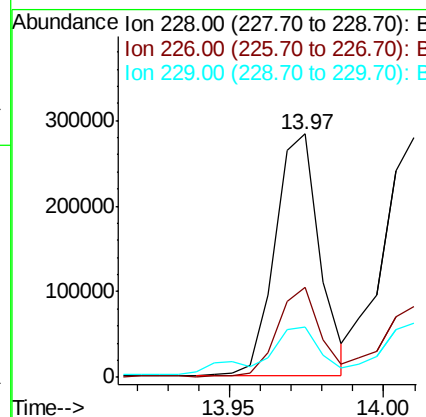
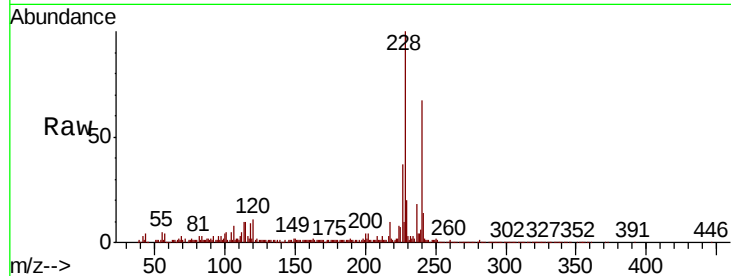
ClientSampleId :

SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	21.8	32.8#
229	20.4	16.2	24.4

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#83

Chrysene

Concen: 9.264 ng

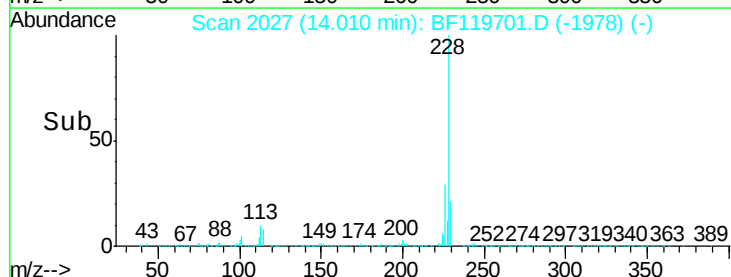
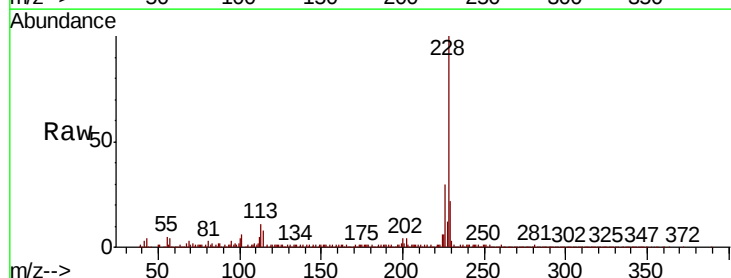
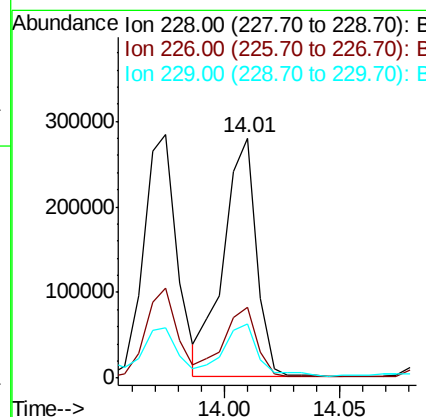
RT: 14.01 min Scan# 2027

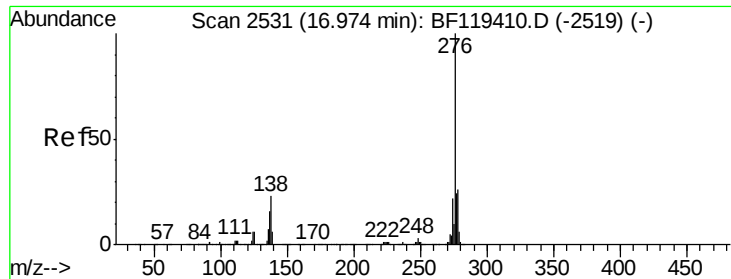
Delta R.T. -0.01 min

Lab File: BF119701.D

Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.4	38.0
229	22.4	16.6	24.8





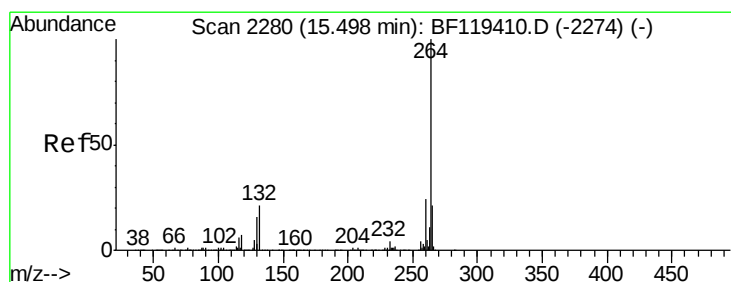
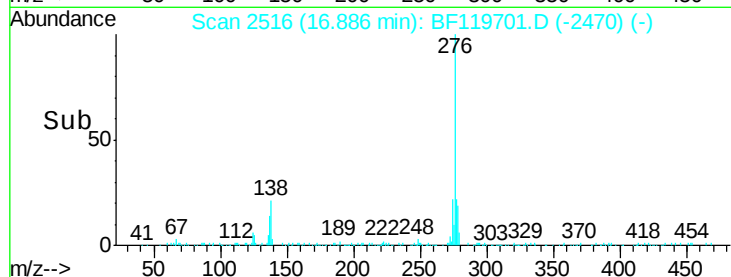
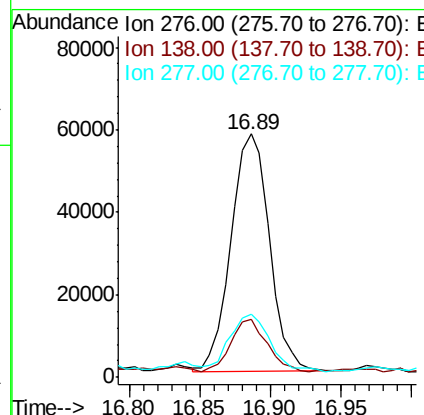
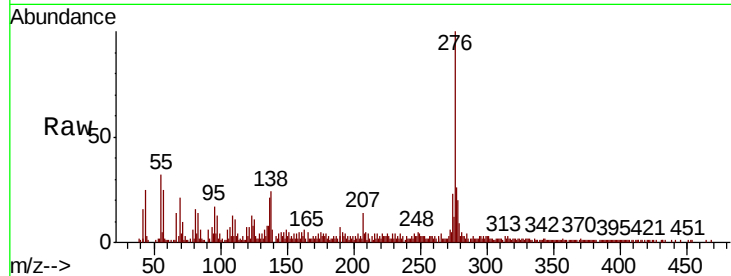
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.895 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.03 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.6	29.4
277	25.3	20.0	30.0

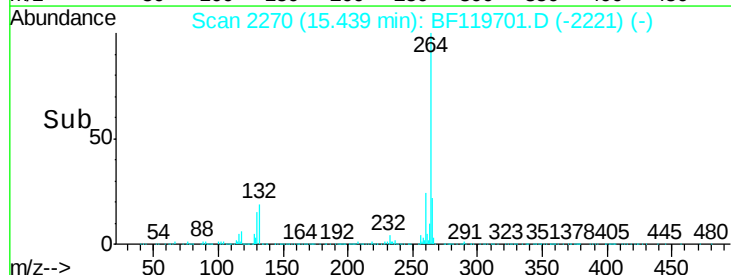
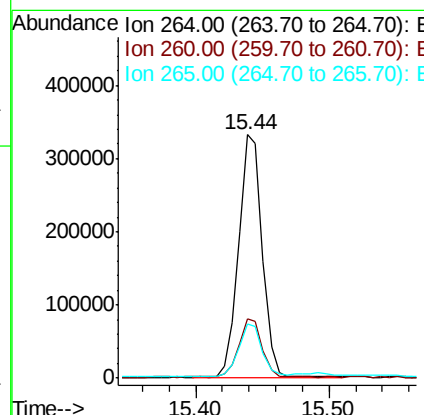
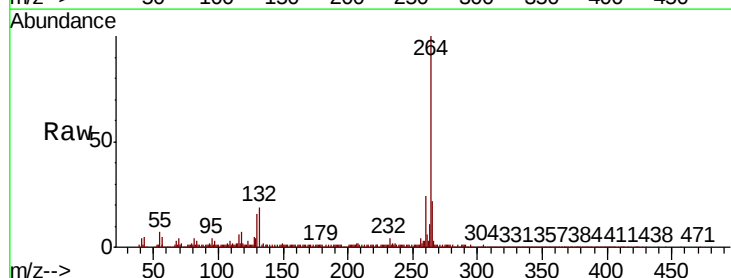
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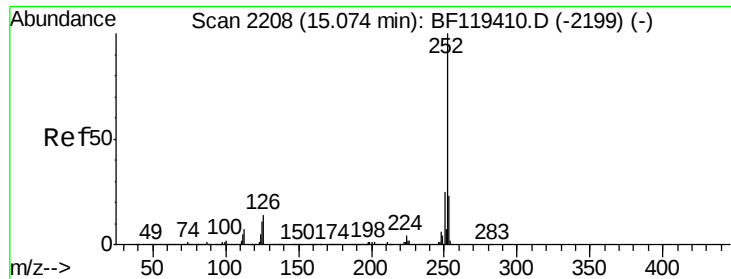
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.1	17.7	26.5





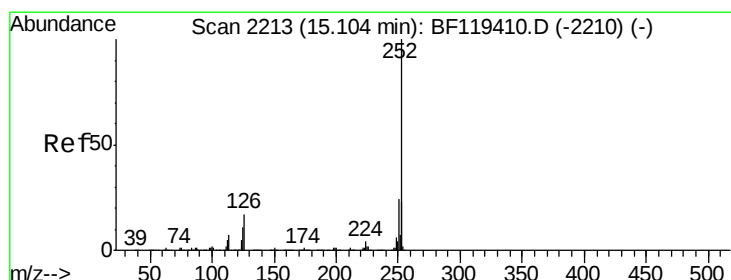
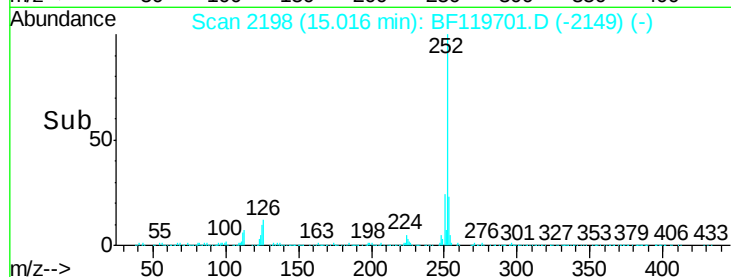
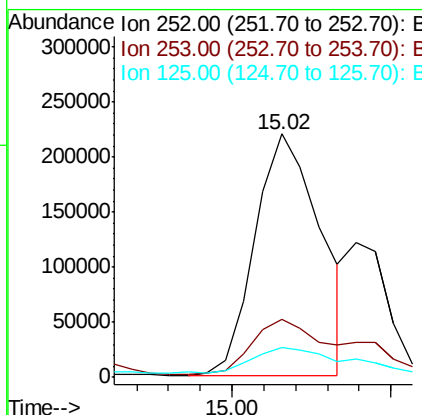
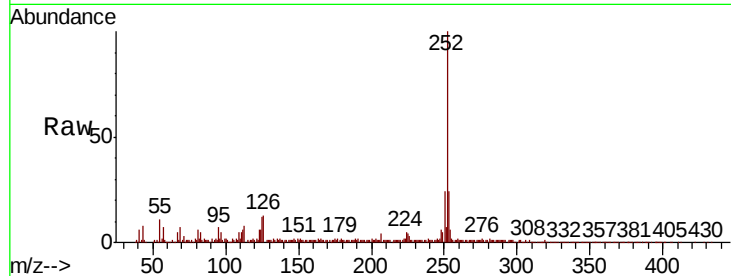
#88
Benzo(b)fluoranthene
Concen: 11.585 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.1	7.9	11.9

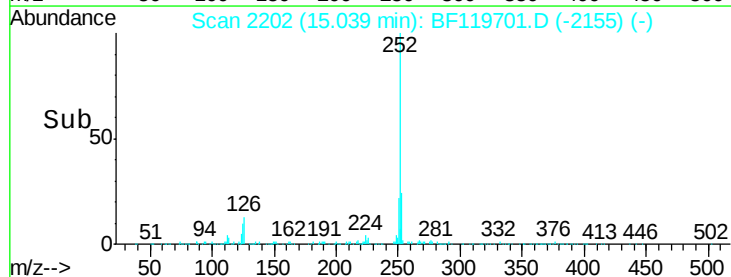
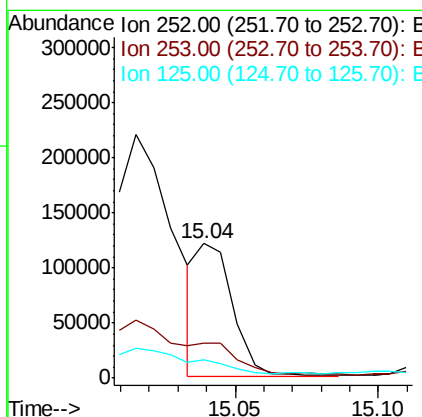
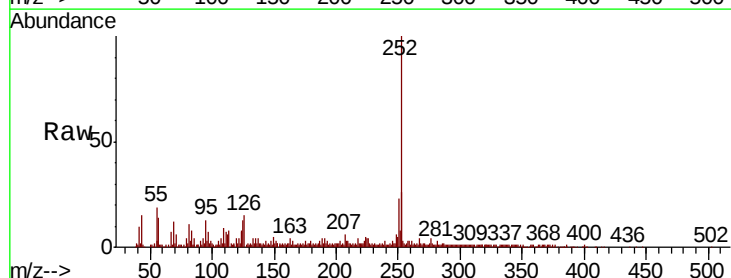
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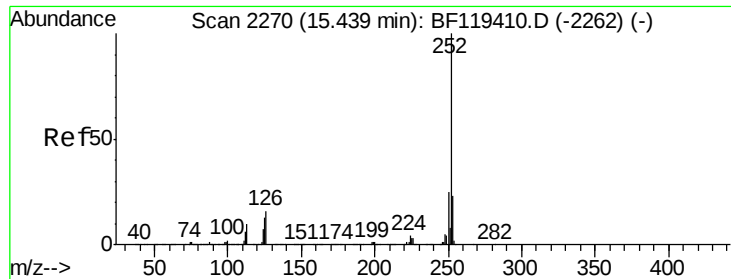
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#89
Benzo(k)fluoranthene
Concen: 4.072 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.8	26.6
125	13.4	8.4	12.6





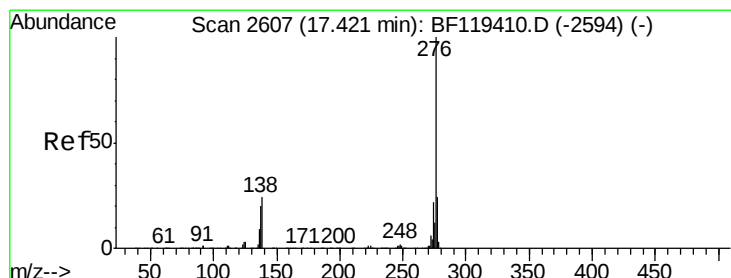
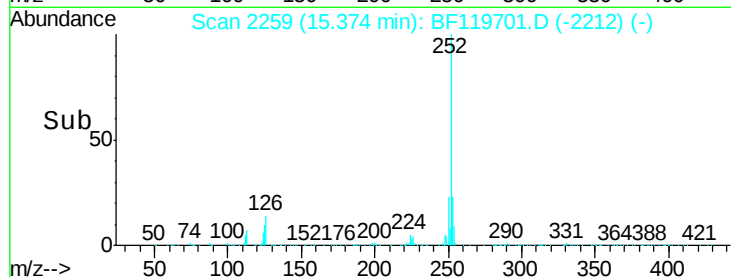
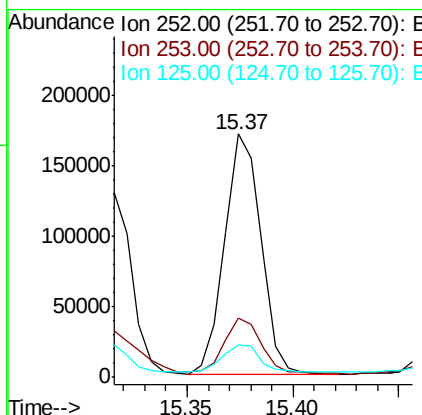
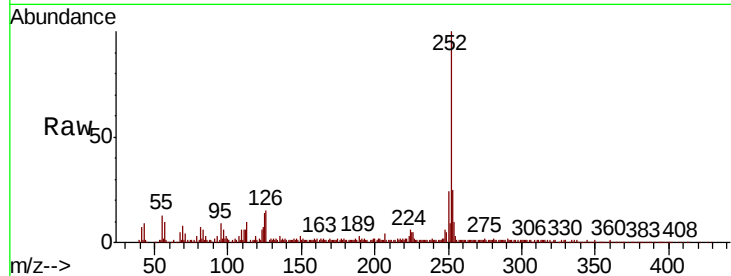
#90
Benzo(a)pyrene
Concen: 8.184 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Instrument :
BNA_F
ClientSampleId :
SB-7-(1-3)

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	13.5	9.4	14.2

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 4.663 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.04 min
Lab File: BF119701.D
Acq: 2 Apr 2020 7:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.4	27.6
138	22.1	15.4	23.0

