

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120189.D
 Acq On : 24 Apr 2020 9:18
 Operator : MA/SJ
 Sample : L2394-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 O-1

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:04 PM

Quant Time: Apr 24 10:53:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	158526	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	608229	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	307611	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	572901	20.00	ng	0.00
76) Chrysene-d12	13.82	240	364333	20.00	ng	-0.01
87) Perylene-d12	15.22	264	291306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	797379	86.93	ng	0.00
7) Phenol-d6	6.31	99	1060313	89.71	ng	0.00
23) Nitrobenzene-d5	7.23	82	686325	58.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	278539	73.96	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1355941	62.58	ng	0.00
79) Terphenyl-d14	12.77	244	1357358	62.69	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	197790	8.313	ng	99
71) Phenanthrene	11.20	178	132246	4.337	ng	97
75) Fluoranthene	12.39	202	170606	5.186	ng	96
78) Pyrene	12.62	202	204435	6.656	ng	96
81) Benzo(a)anthracene	13.80	228	61877	2.582	ng	99
83) Chrysene	13.84	228	75878	3.116	ng	97
88) Benzo(b)fluoranthene	14.83	252	70274m	3.353	ng	
90) Benzo(a)pyrene	15.16	252	48347	2.744	ng	97
92) Benzo(g,h,i)perylene	16.96	276	34244	2.223	ng	97

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

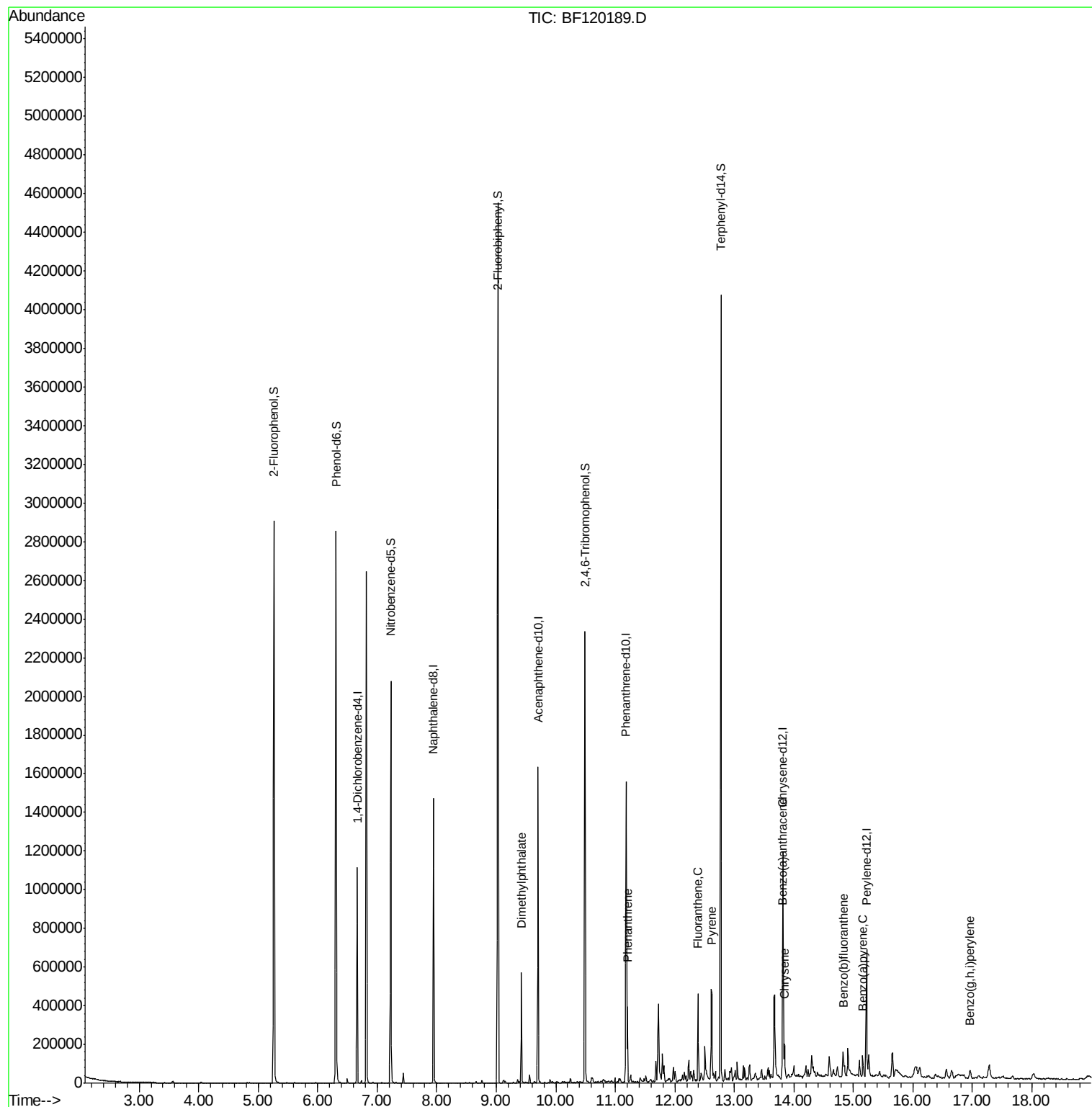
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
Data File : BF120189.D
Acq On : 24 Apr 2020 9:18
Operator : MA/SJ
Sample : L2394-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

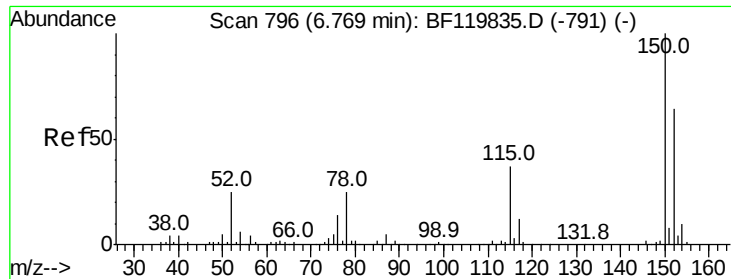
Instrument :
BNA_F
ClientSampleId :
O-1

Manual Integrations
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#1

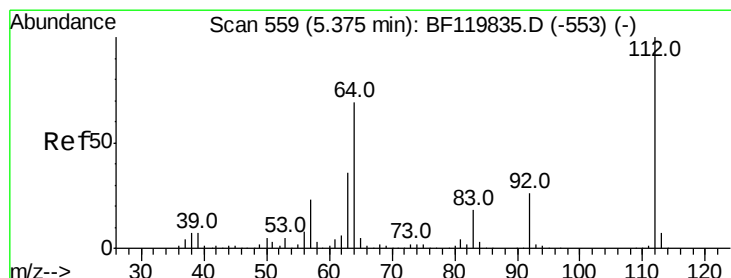
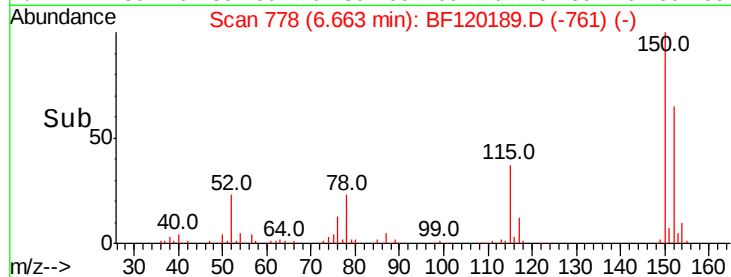
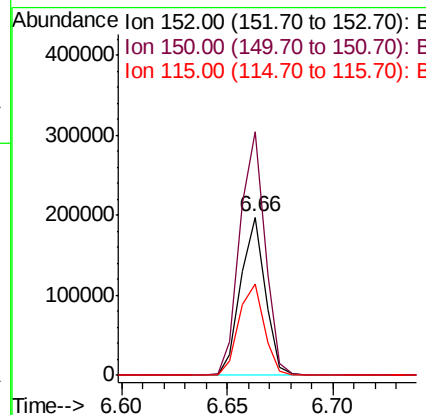
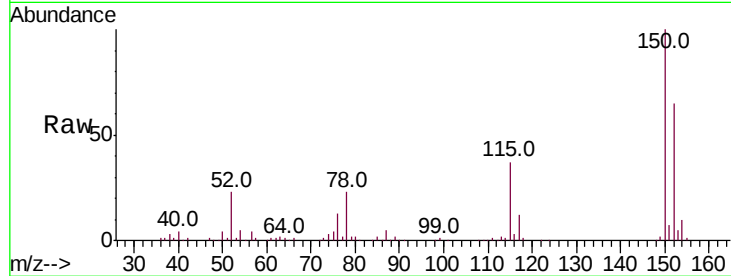
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF120189.D
 Acq: 24 Apr 2020 9:18

Instrument :
 BNA_F
 ClientSampleId :
 O-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.5	186.7
115	57.5	49.6	74.4

Manual Integrations
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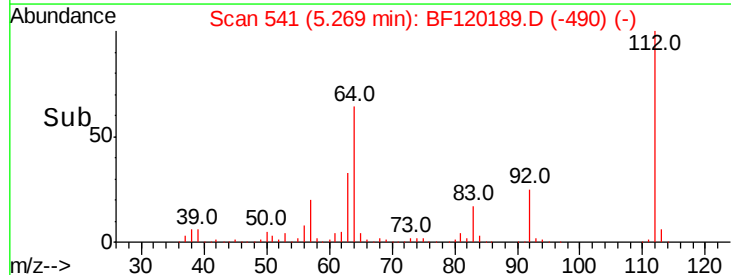
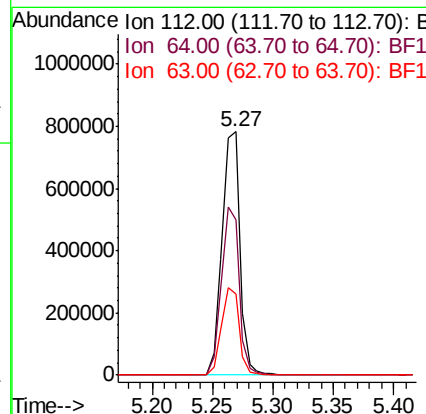
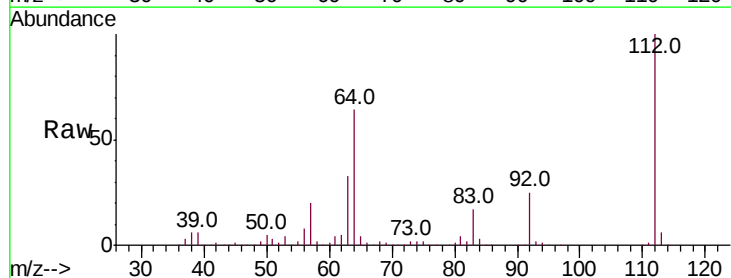
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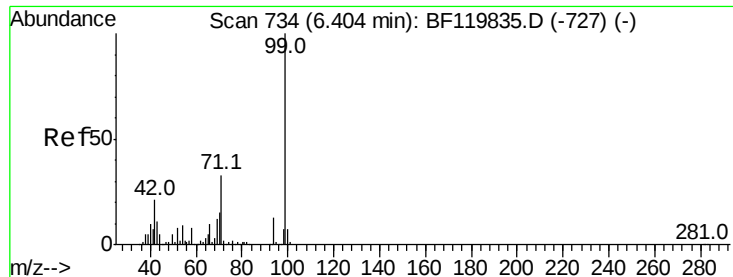


#5

2-Fluorophenol
 Concen: 86.927 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF120189.D
 Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.7	85.1
63	33.3	29.5	44.3





#7

Phenol-d6

Concen: 89.706 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

Instrument :

BNA_F

ClientSampled :

O-1

Tot Ion: 99 Resp: 1060313

Ion Ratio Lower Upper

99 100

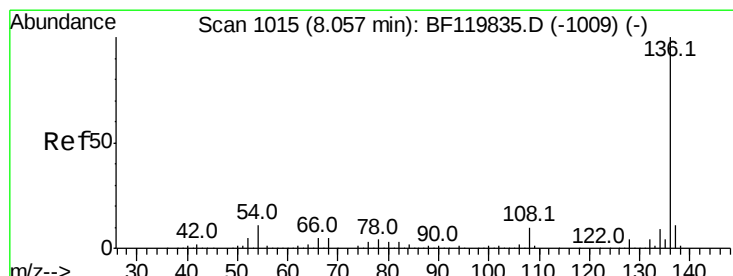
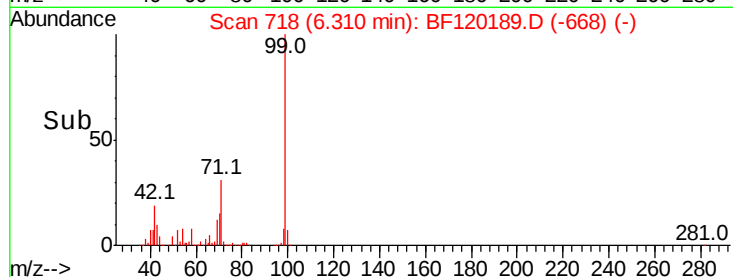
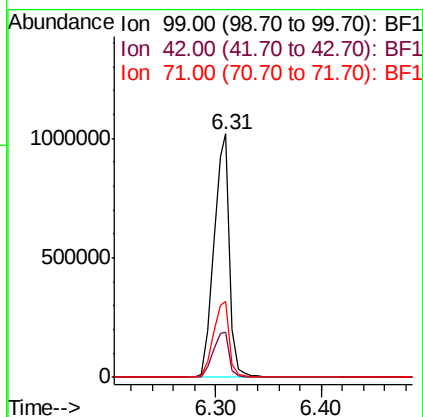
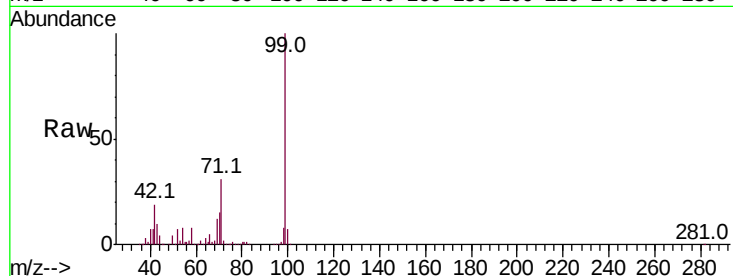
42 18.6 16.6 24.8

71 31.2 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

Tgt Ion: 136 Resp: 608229

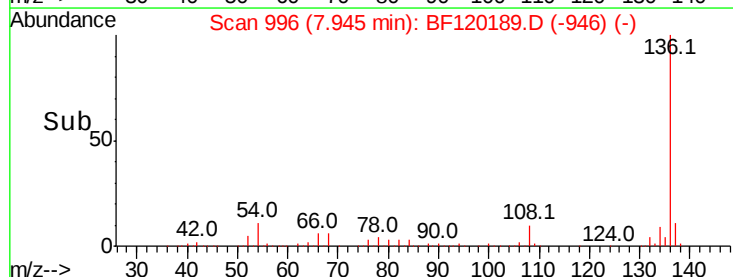
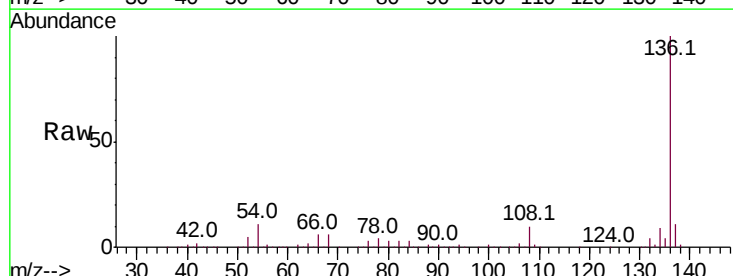
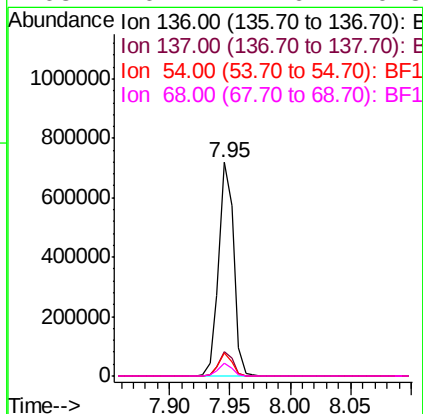
Ion Ratio Lower Upper

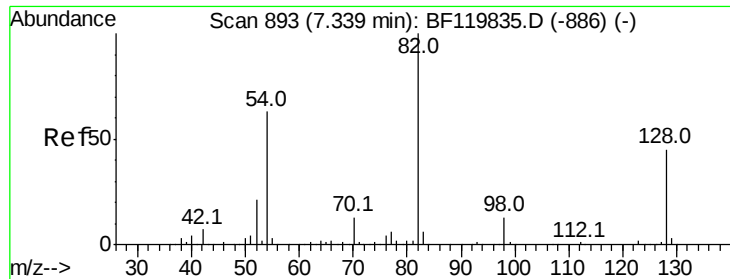
136 100

137 11.2 8.7 13.1

54 10.9 9.1 13.7

68 6.1 4.6 6.8





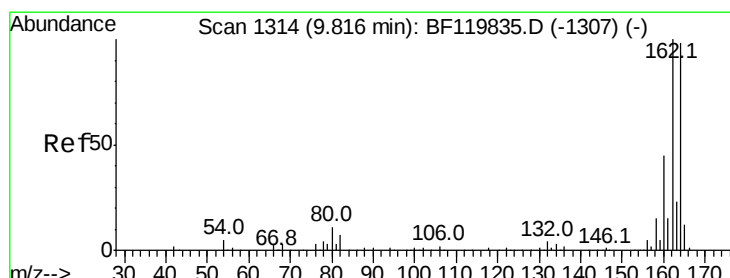
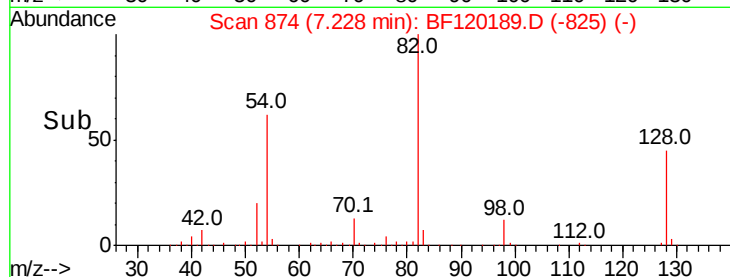
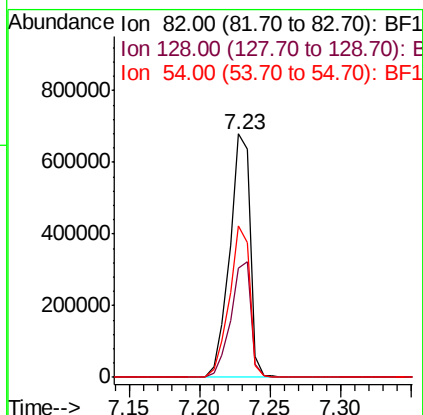
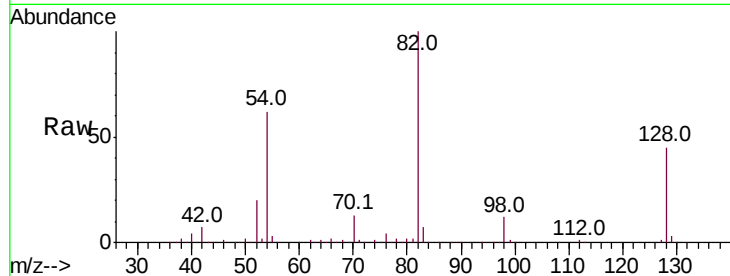
#23
Nitrobenzene-d5
Concen: 58.376 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Instrument :
BNA_F
ClientSampled :
O-1

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	62.2	50.6	75.8

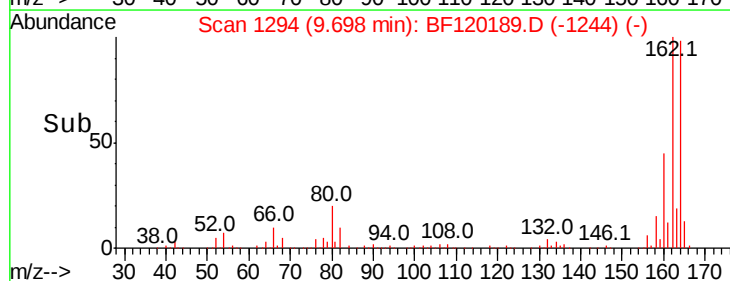
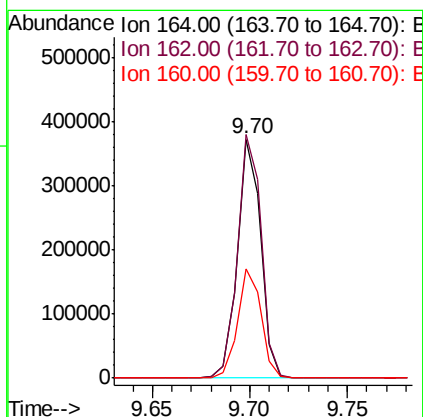
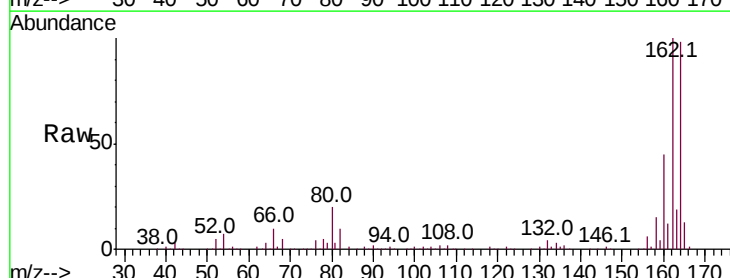
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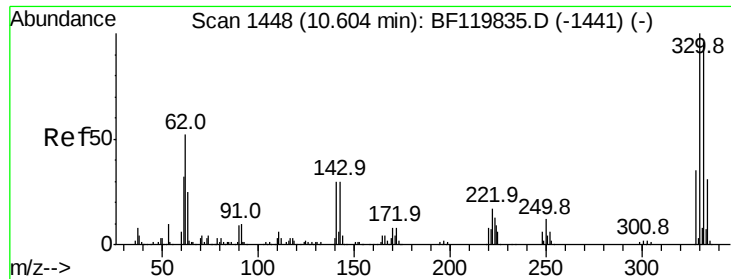
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	45.9	35.7	53.5





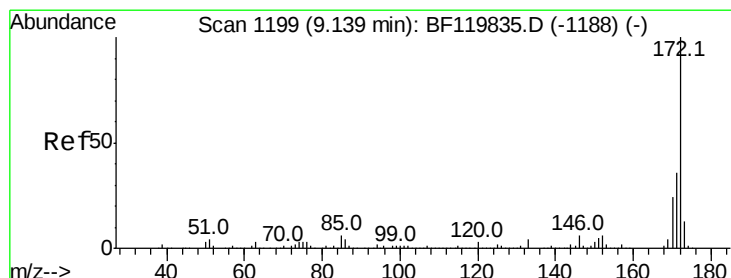
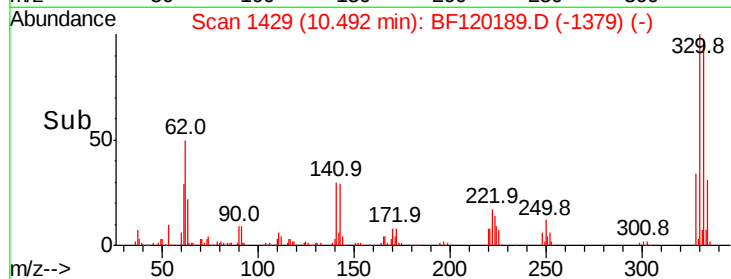
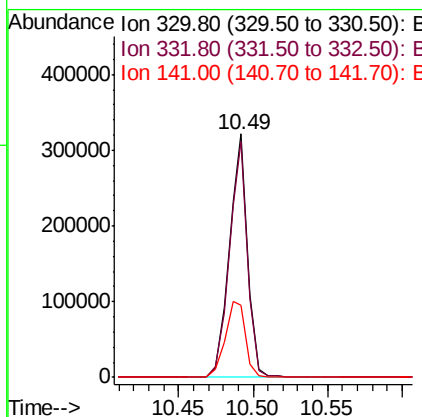
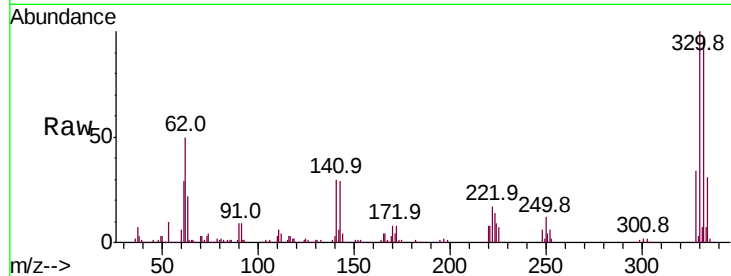
#42
 2,4,6-Tribromophenol
 Concen: 73.958 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120189.D
 Acq: 24 Apr 2020 9:18

Instrument :
 BNA_F
 ClientSampled :
 O-1

Tot Ion	Ratio	Resp	Lower	Upper
330	100	278539		
332	96.3		75.7	113.5
141	34.8		25.4	38.0

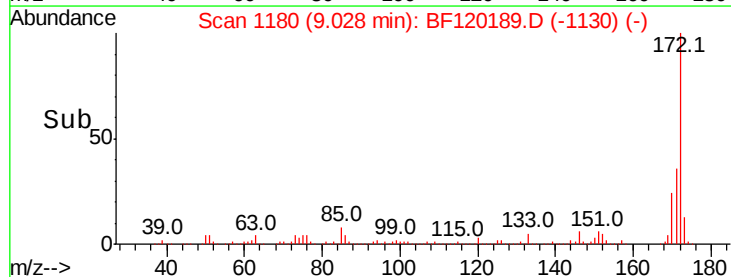
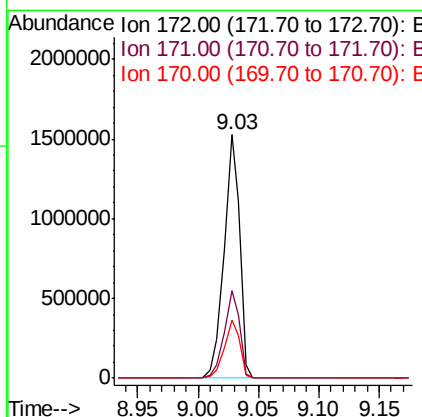
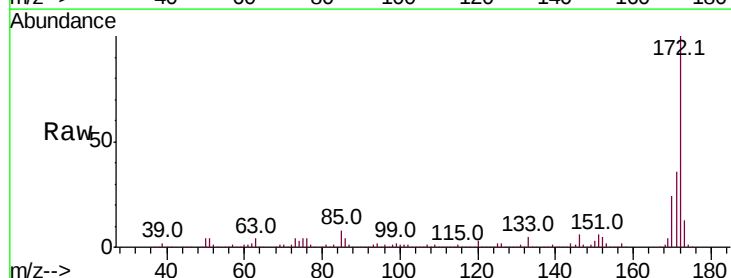
Manual Integrations
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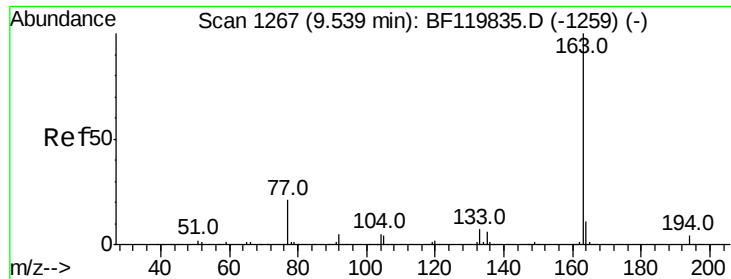
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#45
 2-Fluorobiphenyl
 Concen: 62.584 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120189.D
 Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1355941		
171	36.1		29.6	44.4
170	23.7		20.2	30.2





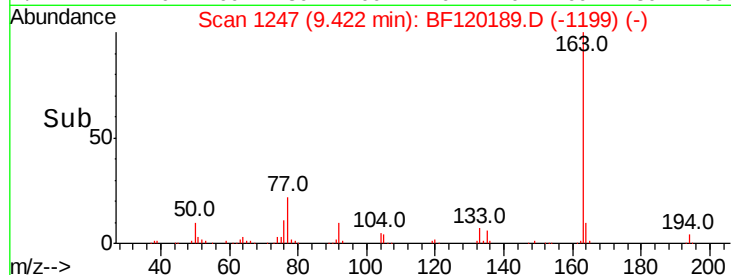
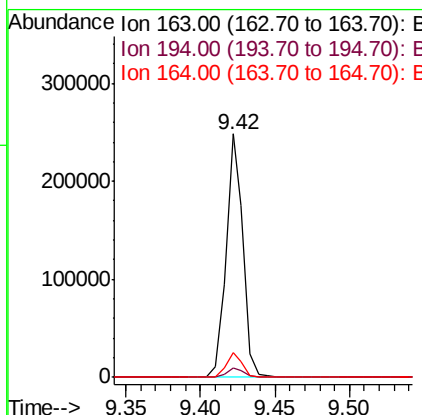
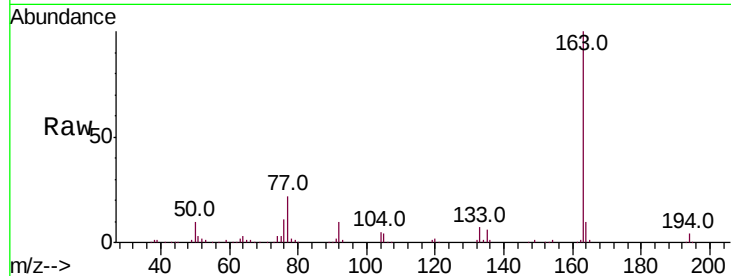
#50
Dimethylphthalate
Concen: 8.313 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Instrument :
BNA_F
ClientSampleId :
O-1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	197790		
194	4.1	3.1	4.7	
164	9.9	8.2	12.2	

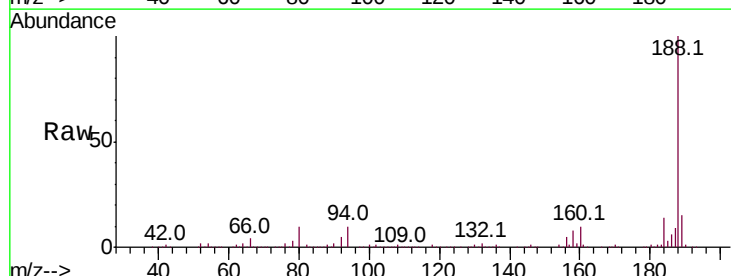
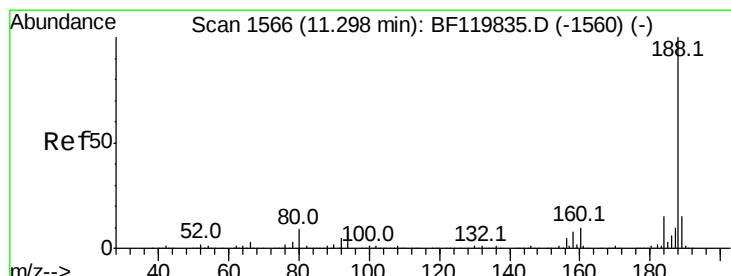
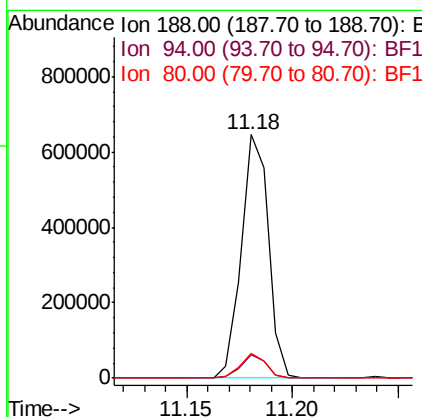
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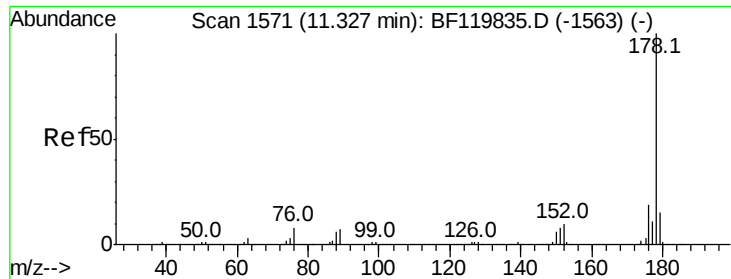
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	572901		
94	9.6	7.5	11.3	
80	10.3	9.0	13.4	





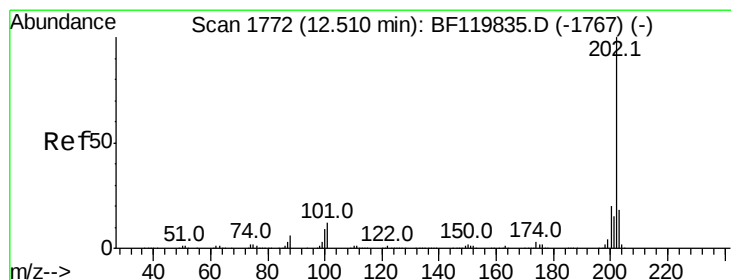
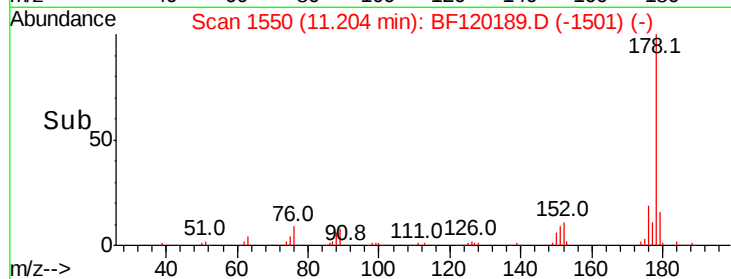
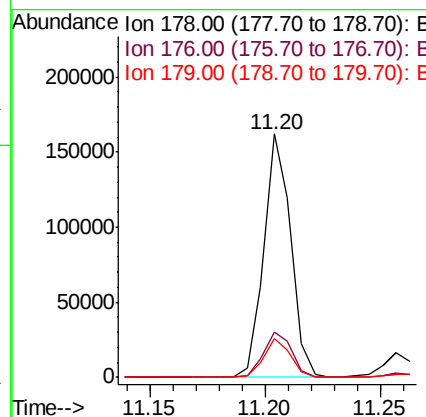
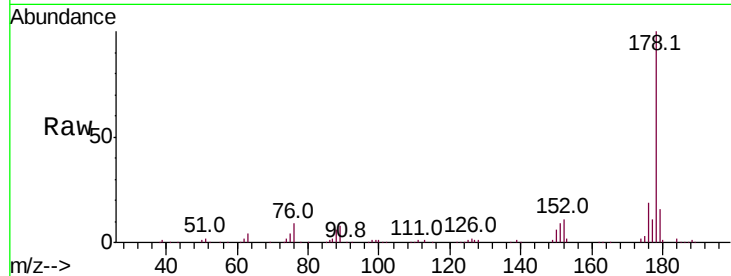
#71
Phenanthrene
Concen: 4.337 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Instrument :
BNA_F
ClientSampleId :
O-1

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.7	13.2	19.8

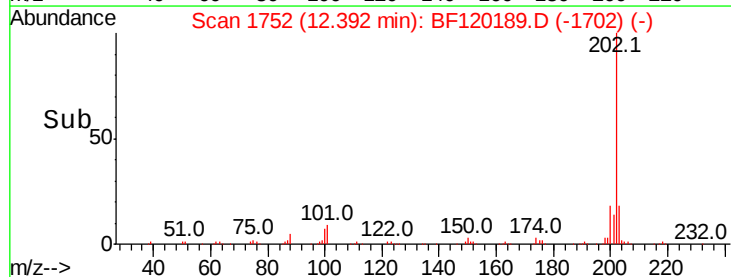
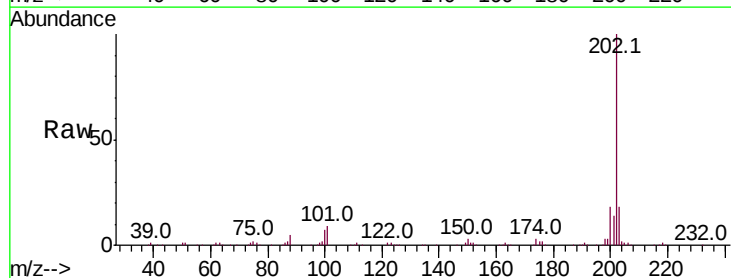
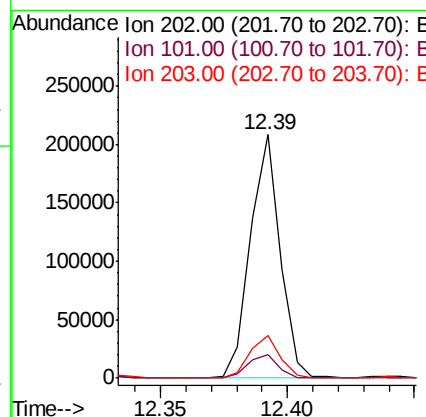
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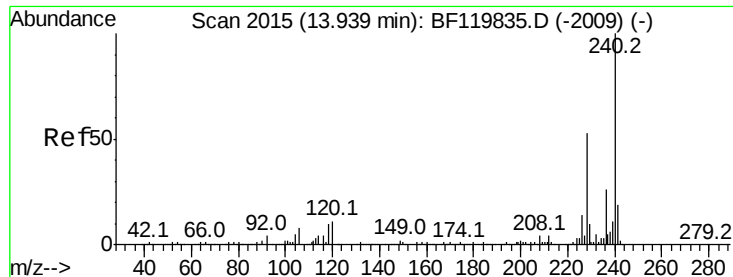
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#75
Fluoranthene
Concen: 5.186 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	32.2
203	17.7	0.0	38.8





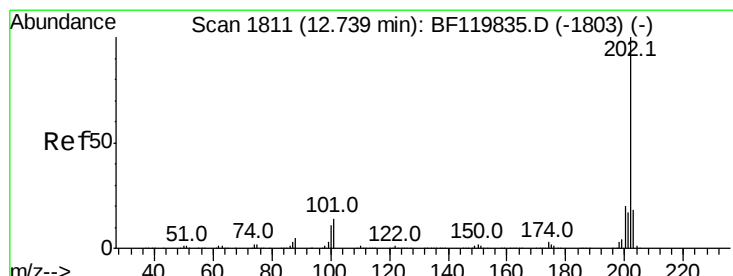
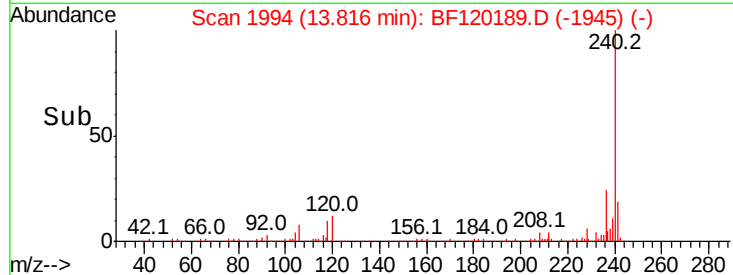
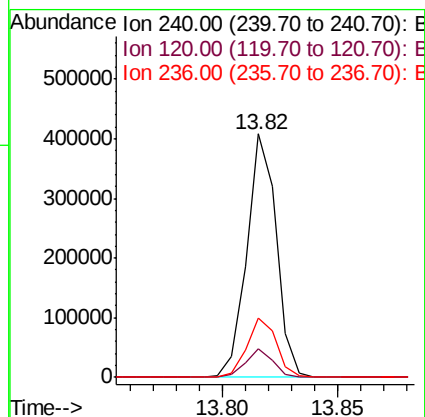
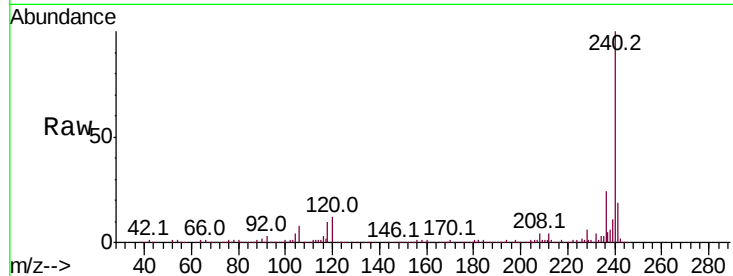
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Instrument :
BNA_F
ClientSampled :
O-1

Tot Ion	Ratio	Resp	Lower	Upper
240	100	364333		
120	11.8	10.6	15.8	
236	24.1	20.2	30.2	

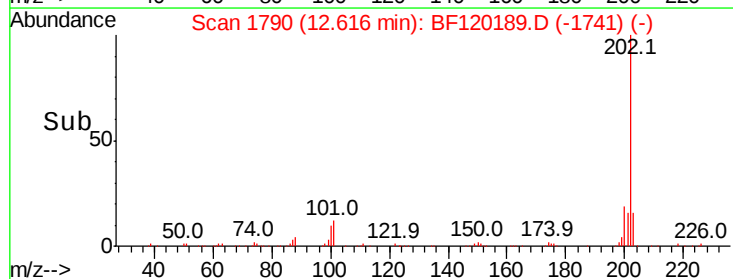
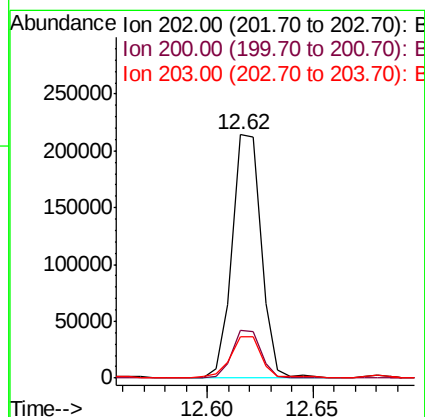
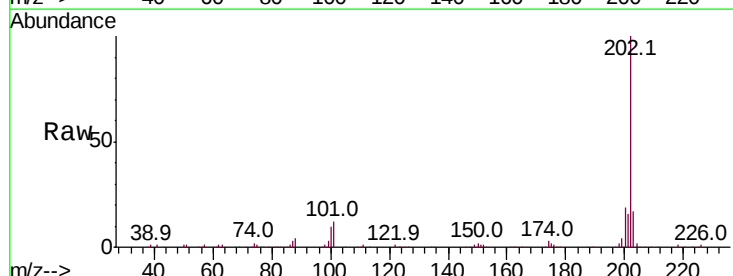
Manual Integrations
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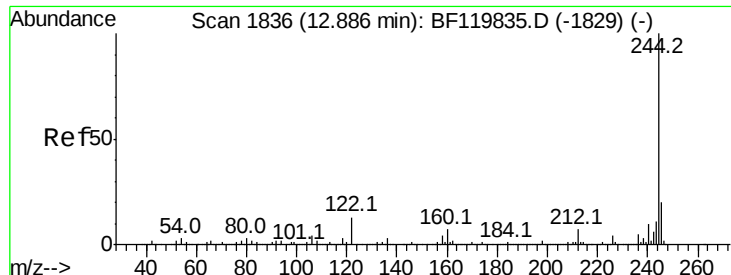
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#78
Pyrene
Concen: 6.656 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	204435		
200	19.4	16.8	25.2	
203	16.9	15.1	22.7	





#79

Terphenyl-d14

Concen: 62.689 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

Instrument :

BNA_F

ClientSampleId :

O-1

Tot Ion:244 Resp: 1357358

Ion Ratio Lower Upper

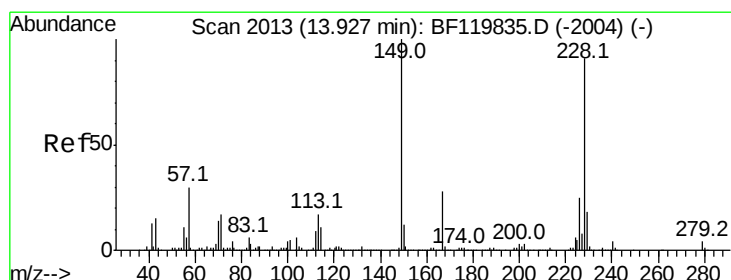
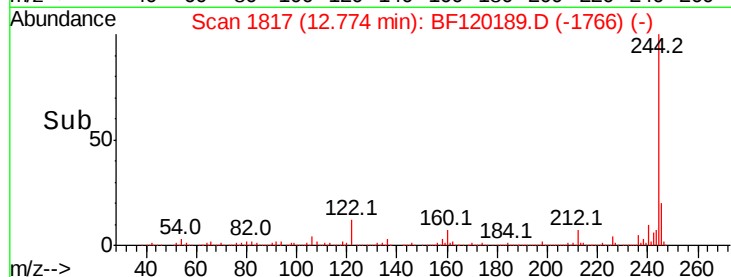
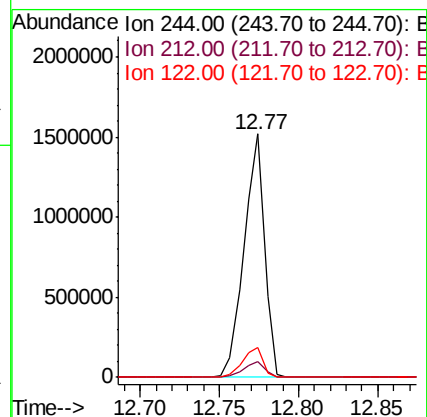
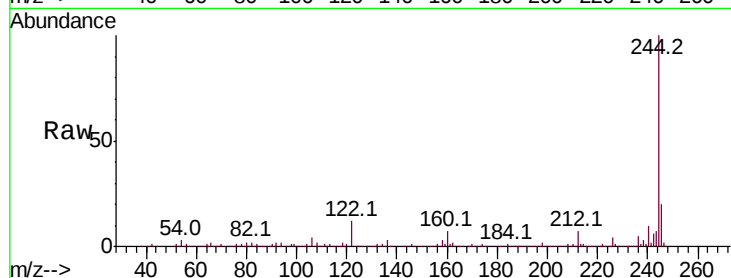
244 100

212 6.7 5.8 8.8

122 12.3 10.3 15.5

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#81

Benzo(a)anthracene

Concen: 2.582 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

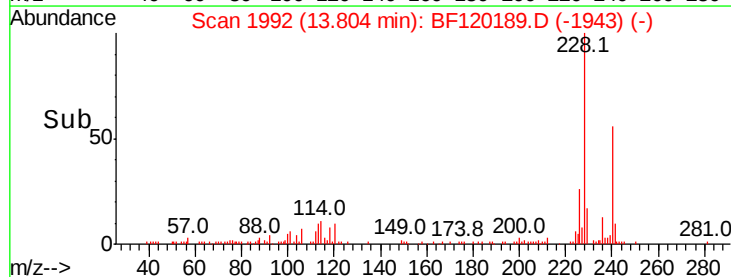
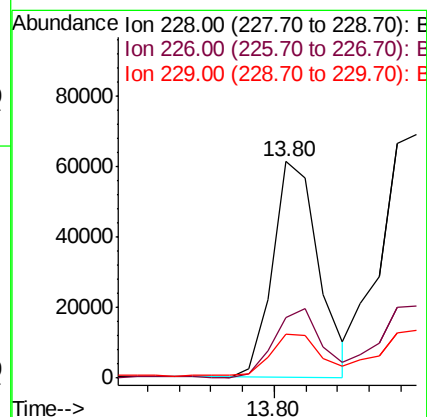
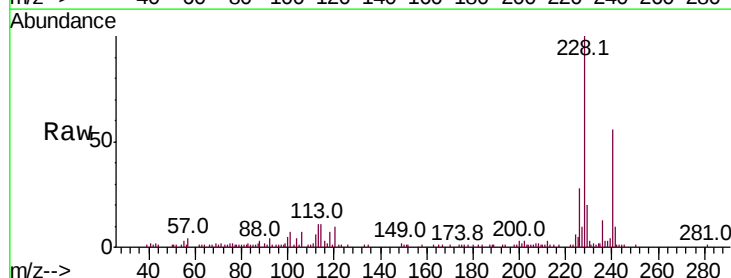
Tgt Ion:228 Resp: 61877

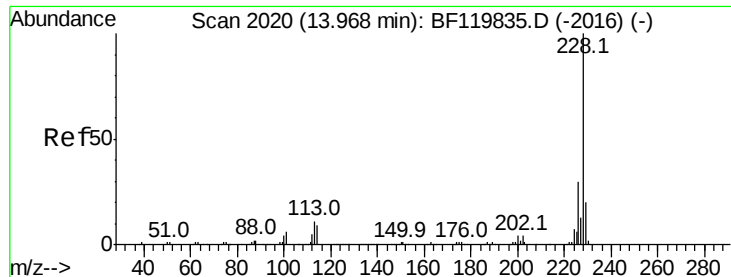
Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

229 20.1 16.2 24.4





#83

Chrysene

Concen: 3.116 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

Instrument :

BNA_F

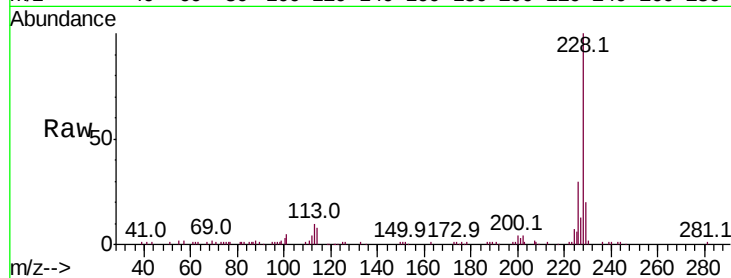
ClientSampled :

O-1

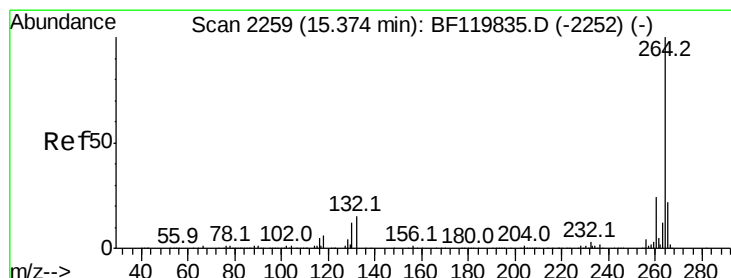
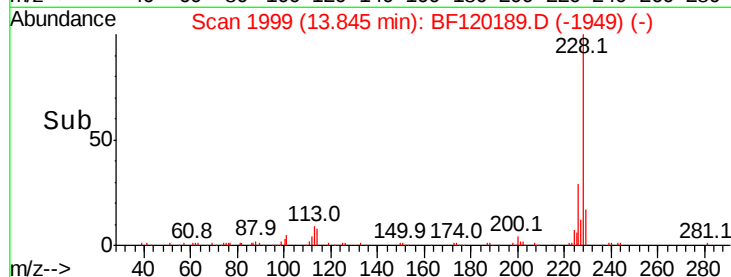
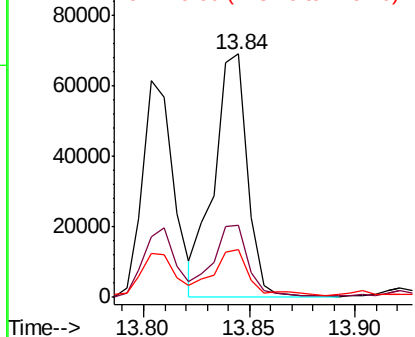
Tot Ion:	228	Resp:	75878
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.4	38.0
229	19.8	16.6	24.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

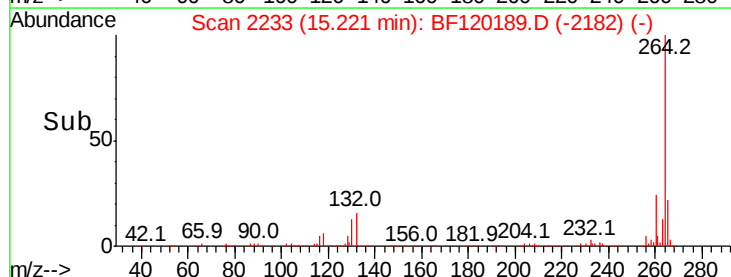
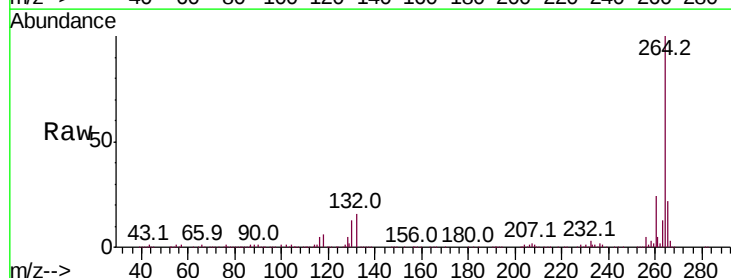
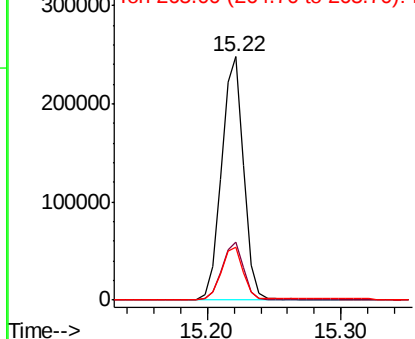
Delta R.T. 0.00 min

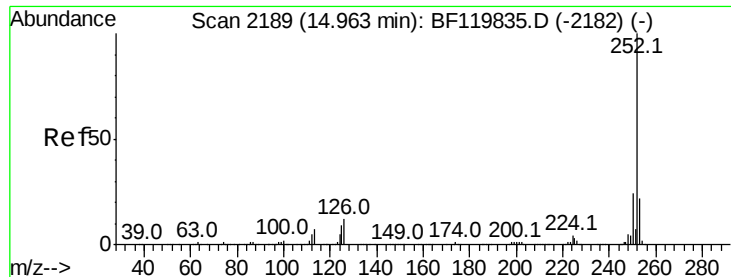
Lab File: BF120189.D

Acq: 24 Apr 2020 9:18

Tgt Ion:	264	Resp:	291306
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	21.6	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





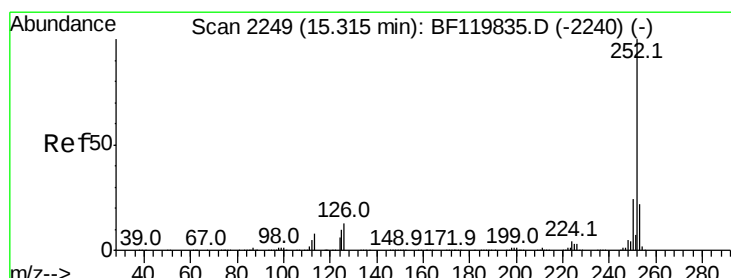
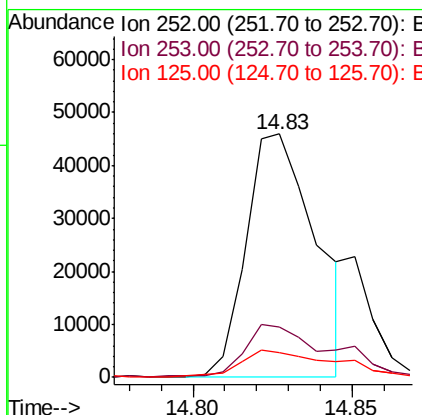
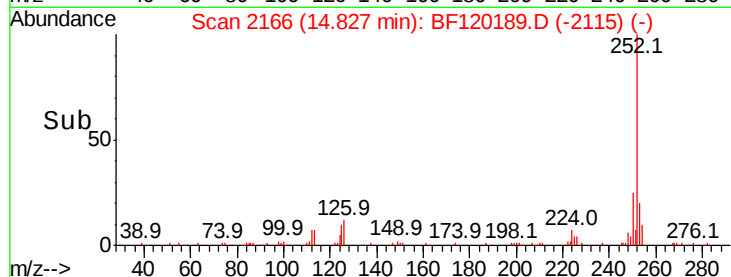
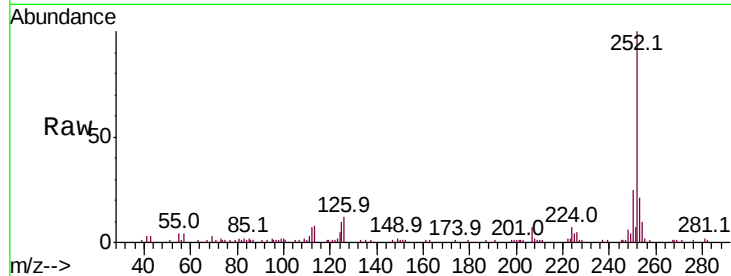
#88
Benzo(b)fluoranthene
Concen: 3.353 ng m
RT: 14.83 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Instrument :
BNA_F
ClientSampleId :
O-1

Tot Ion:	252	Resp:	70274
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.4	26.0
125	10.3	7.9	11.9

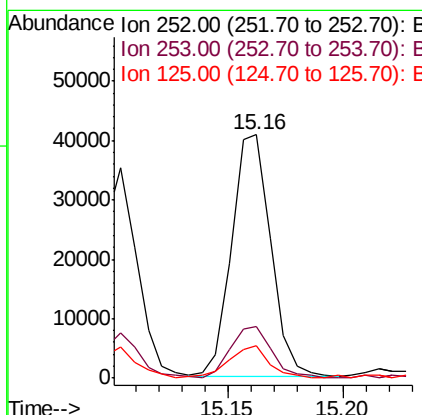
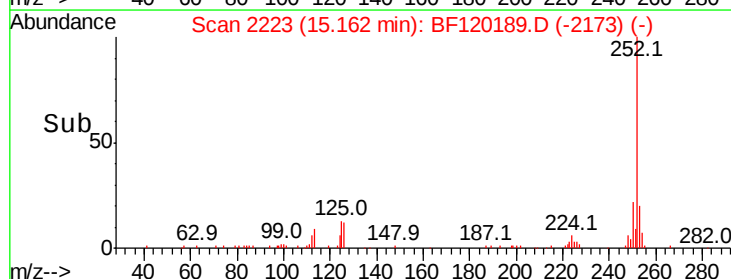
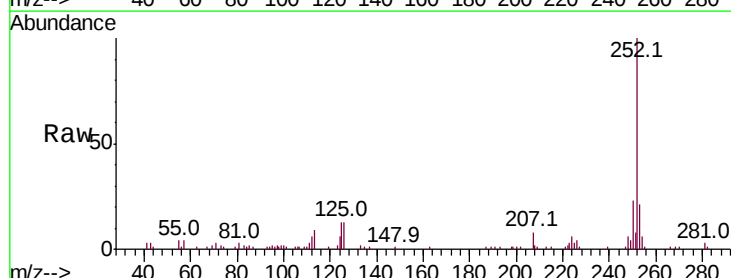
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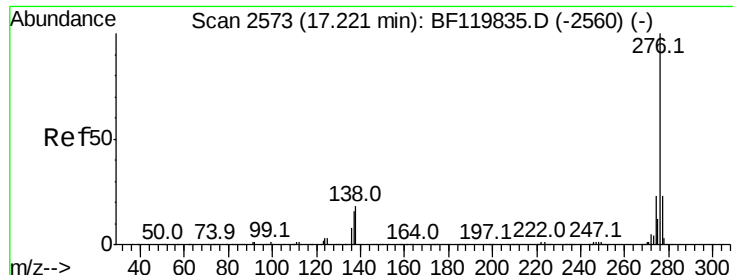
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#90
Benzo(a)pyrene
Concen: 2.744 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF120189.D
Acq: 24 Apr 2020 9:18

Tgt Ion:	252	Resp:	48347
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	13.1	9.4	14.2





#92
 Benzo(a,h,i)perylene
 Concen: 2.223 ng
 RT: 16.96 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BF120189.D
 Acq: 24 Apr 2020 9:18

Instrument :
 BNA_F
 ClientSampleId :
 O-1

Tot Ion:	276	Resp:	34244
Ion Ratio	Lower	Upper	
276	100		
277	20.8	18.4	27.6
138	18.8	15.4	23.0

Manual Integrations
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