

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF120999.D
 Acq On : 24 Jul 2020 13:15
 Operator : JU/CG
 Sample : L3410-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-CON-A

Manual Integrations
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Quant Time: Jul 24 13:49:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149587	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	554255	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	294740	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	538602	20.00	ng	0.00
76) Chrysene-d12	13.96	240	365949	20.00	ng	-0.01
86) Perylene-d12	15.41	264	389267	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	649177	71.14	ng	0.00
7) Phenol-d6	6.44	99	946928	80.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	601512	62.80	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	121960	37.80	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1205815	61.08	ng	0.00
79) Terphenyl-d14	12.92	244	1114114	66.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	263424	12.388	ng	99
71) Phenanthrene	11.35	178	148460	5.359	ng	99
75) Fluoranthene	12.54	202	175494	5.716	ng	98
78) Pyrene	12.77	202	167310	6.467	ng	99
81) Benzo(a)anthracene	13.96	228	75913	3.426	ng	# 94
83) Chrysene	13.99	228	86930m	3.733	ng	
88) Benzo(b)fluoranthene	14.99	252	95949m	4.078	ng	
90) Benzo(a)pyrene	15.35	252	71994	3.354	ng	# 96
92) Benzo(g,h,i)perylene	17.26	276	54202	2.486	ng	91

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

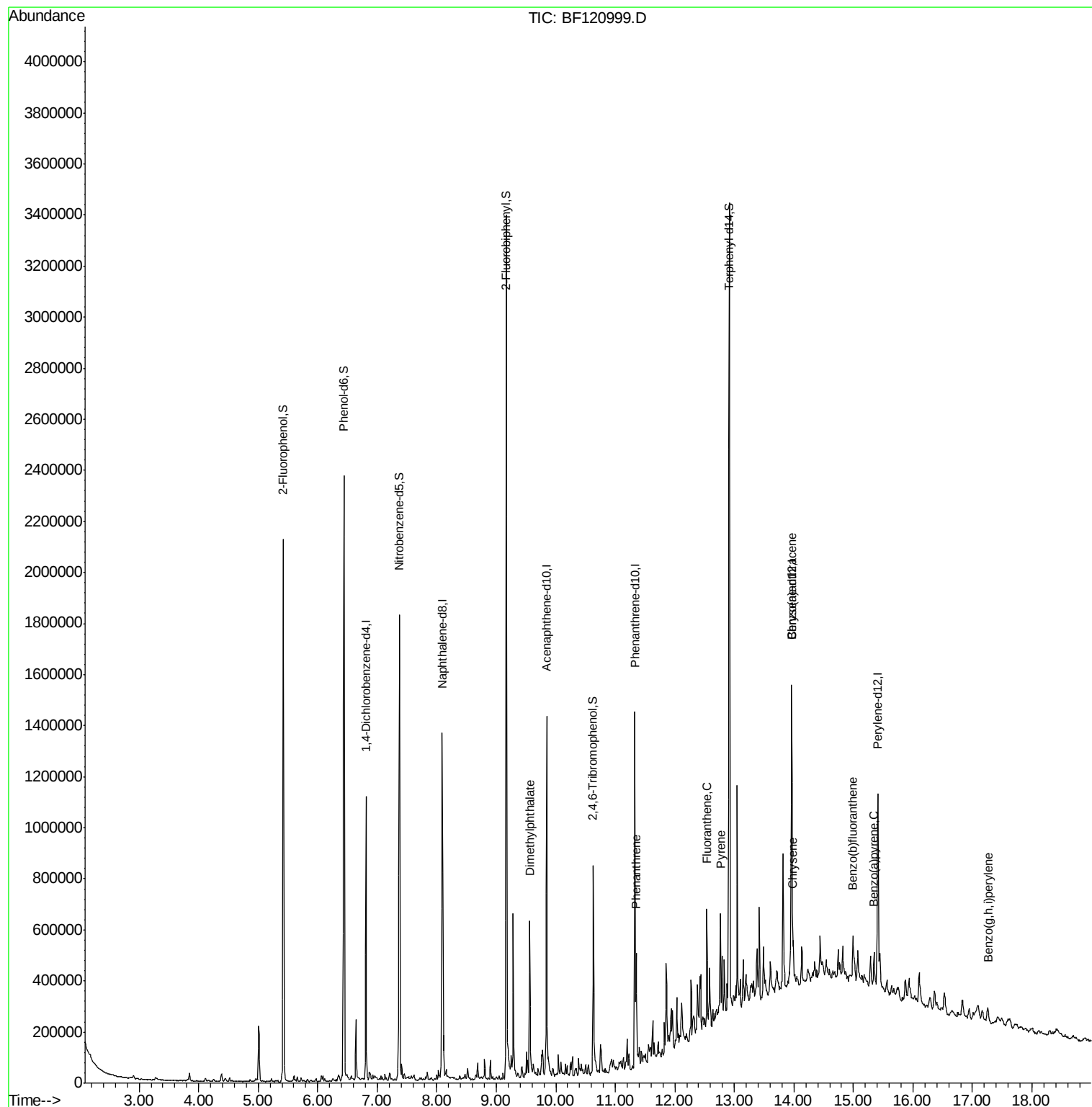
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF120999.D
Acq On : 24 Jul 2020 13:15
Operator : JU/CG
Sample : L3410-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

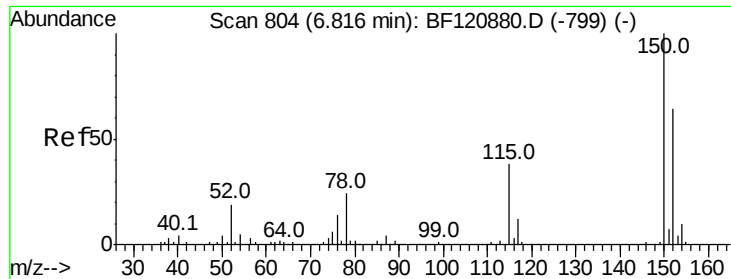
Instrument :
BNA_F
ClientSampleId :
FM-CON-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

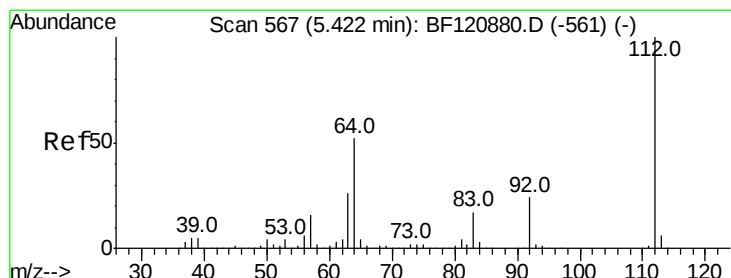
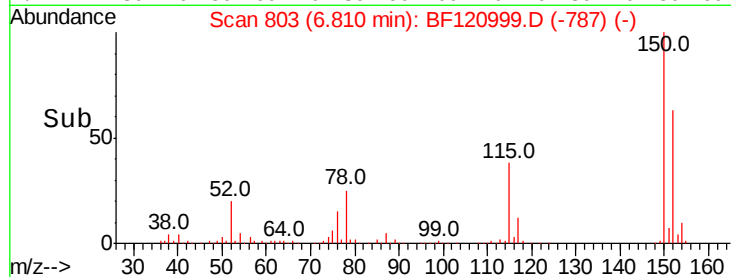
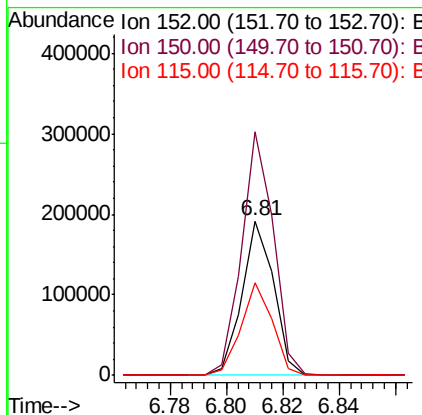
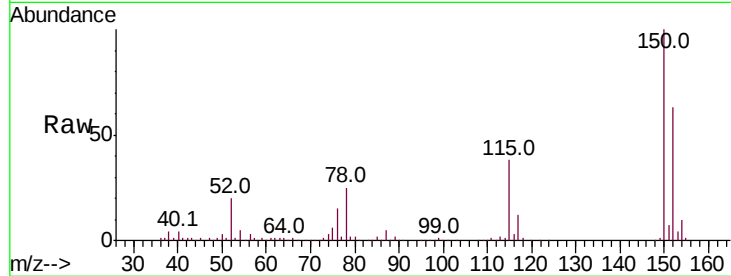
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleId :
FM-CON-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.0	187.6
115	59.7	47.0	70.4

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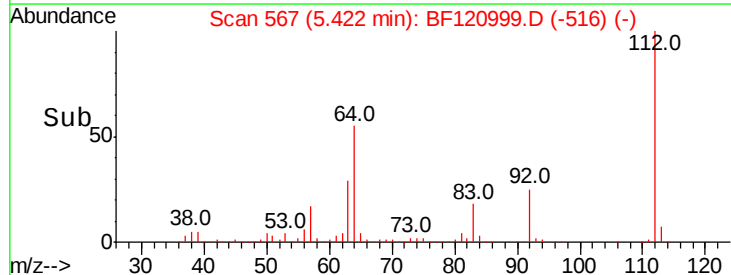
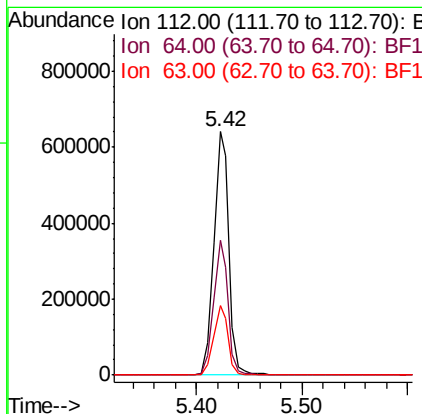
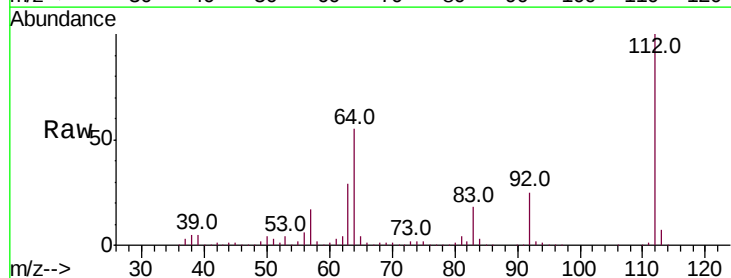
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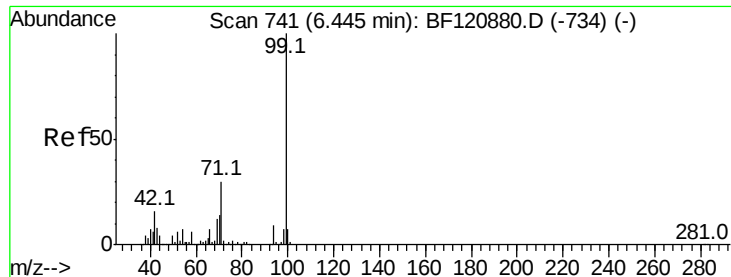


#5

2-Fluorophenol
Concen: 71.145 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	41.3	61.9
63	28.7	21.1	31.7





#7

Phenol-d6

Concen: 80.338 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120999.D

Acq: 24 Jul 2020 13:15

Instrument :

BNA_F

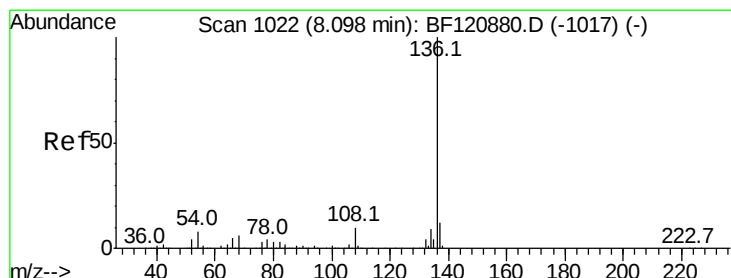
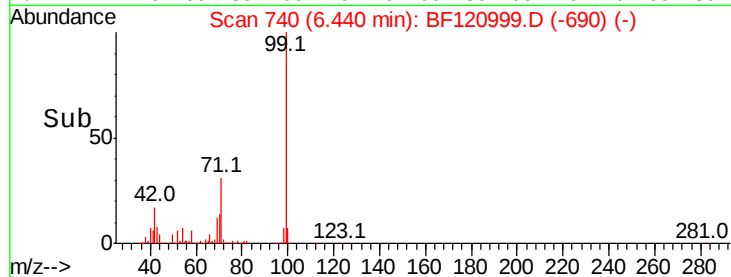
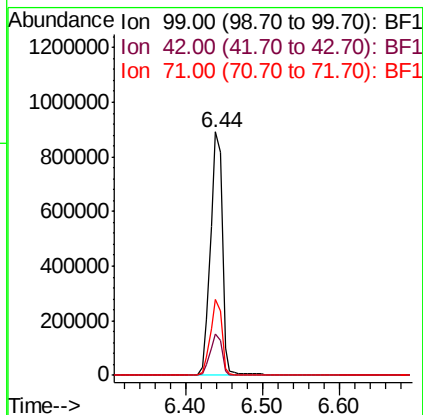
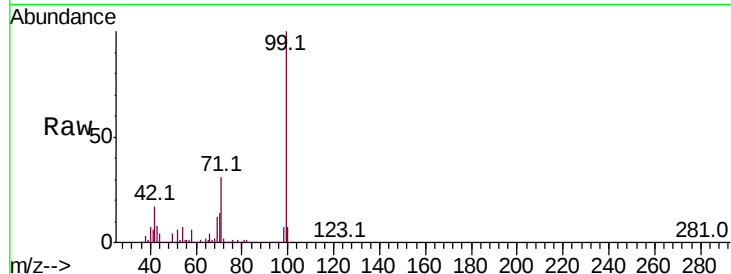
ClientSampleId :

FM-CON-A

Tot Ion:	99	Resp:	946928
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.1	19.7
71	31.1	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

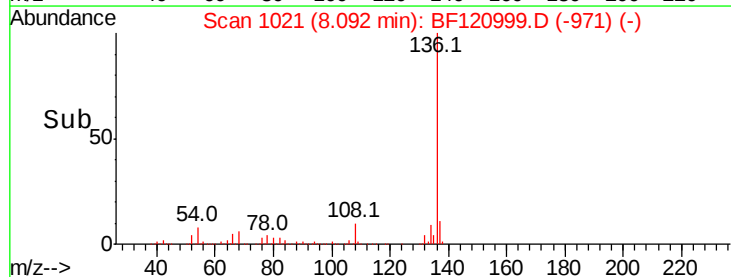
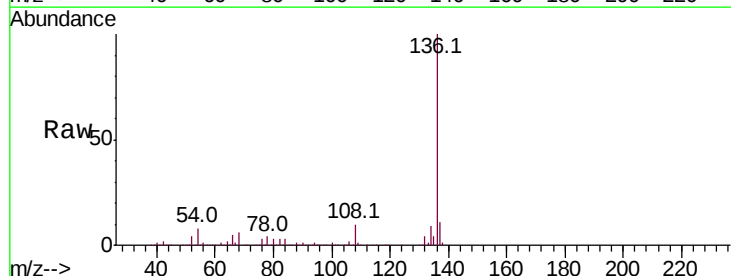
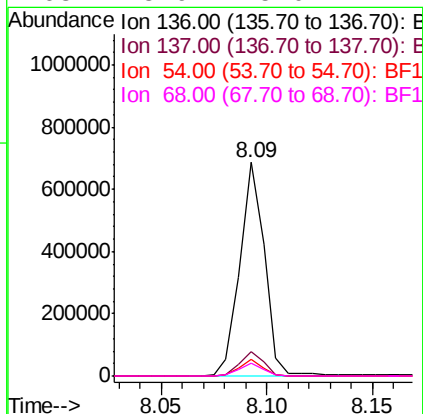
RT: 8.09 min Scan# 1021

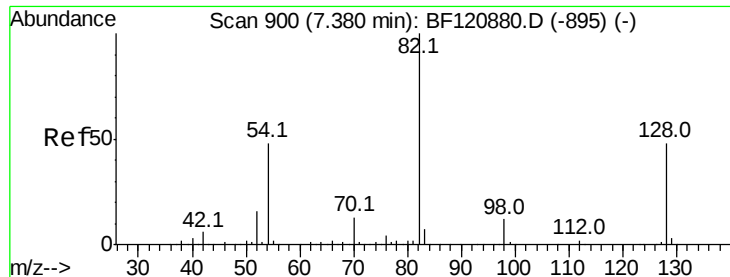
Delta R.T. -0.01 min

Lab File: BF120999.D

Acq: 24 Jul 2020 13:15

Tgt Ion:	136	Resp:	554255
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	7.6	6.3	9.5
68	5.9	5.0	7.4





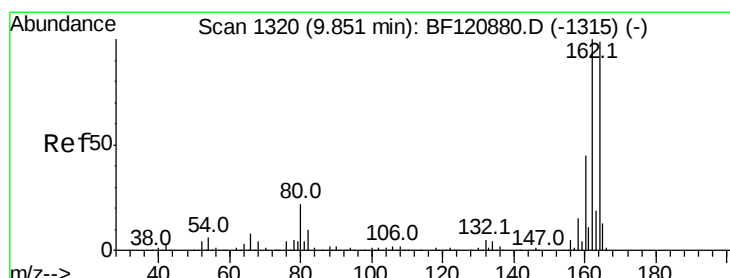
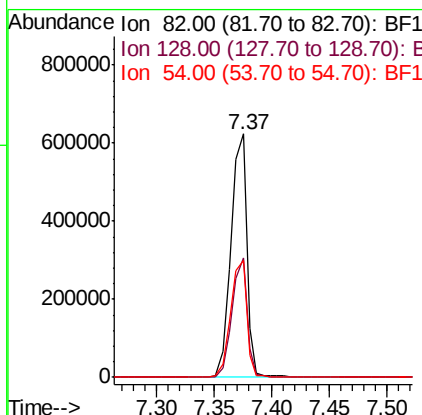
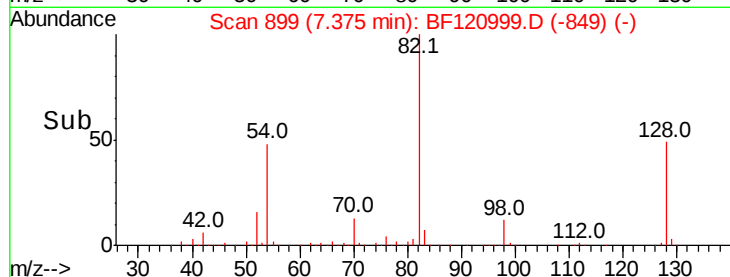
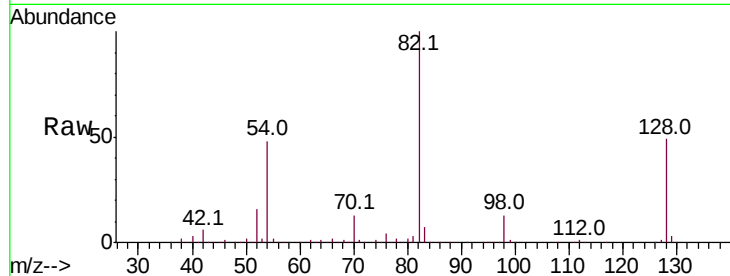
#23
Nitrobenzene-d5
Concen: 62.797 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleId :
FM-CON-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.2	57.4
54	47.8	38.7	58.1

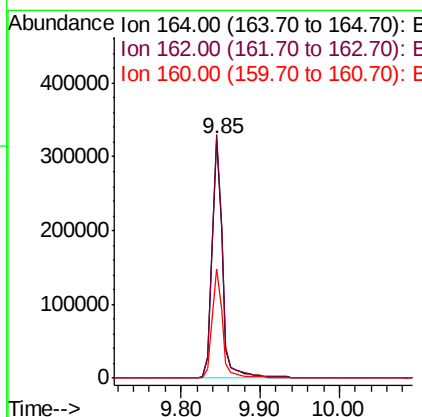
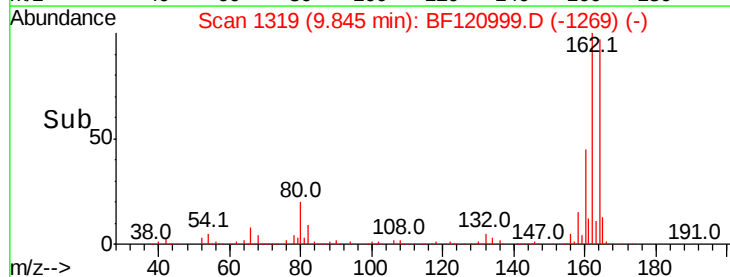
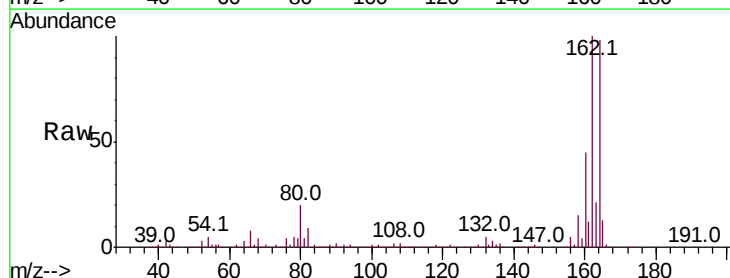
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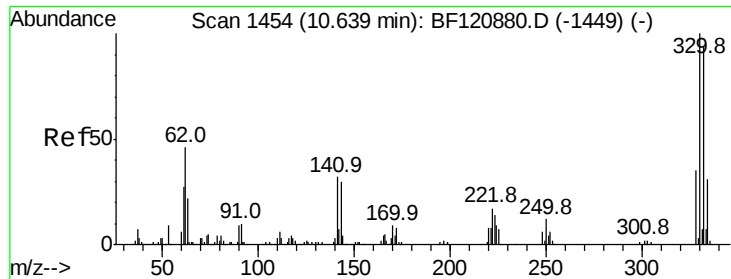
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	45.8	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 37.803 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF120999.D

Acq: 24 Jul 2020 13:15

Instrument :

BNA_F

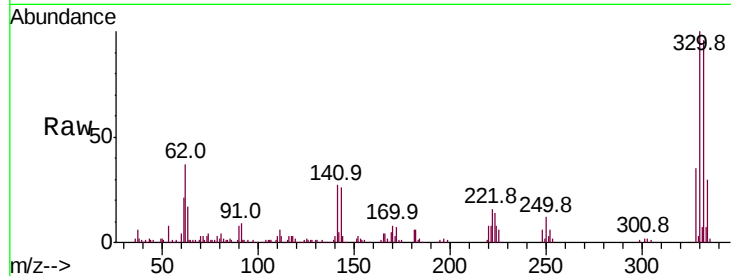
ClientSampleId :

FM-CON-A

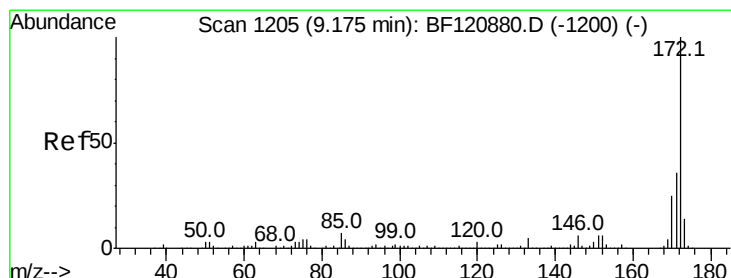
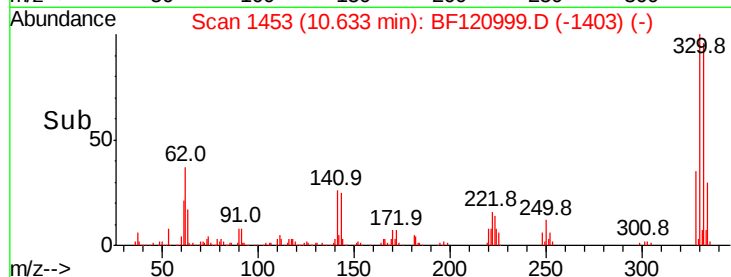
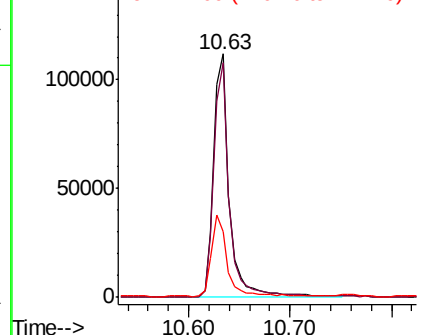
Tot Ion:	330	Resp:	121960
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.5	113.3
141	33.1	25.7	38.5

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 61.082 ng

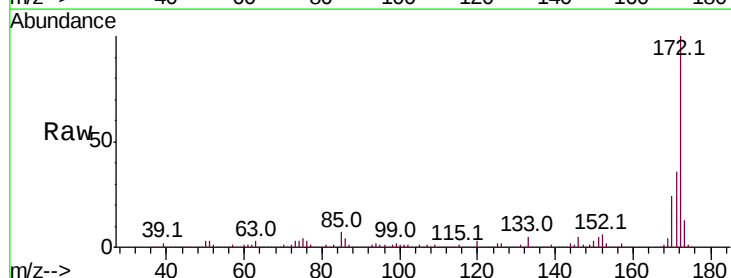
RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

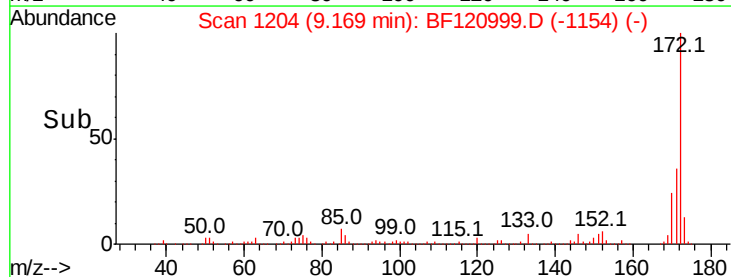
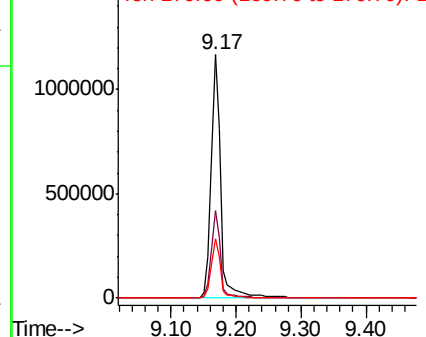
Lab File: BF120999.D

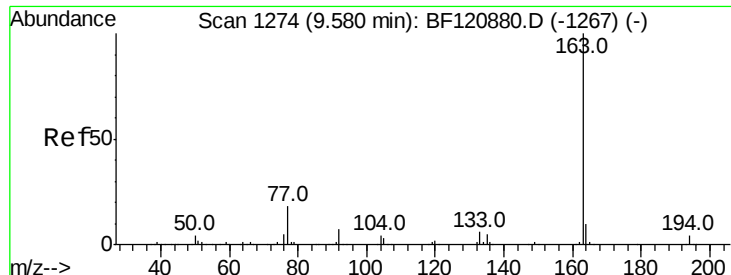
Acq: 24 Jul 2020 13:15

Tgt Ion:	172	Resp:	1205815
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





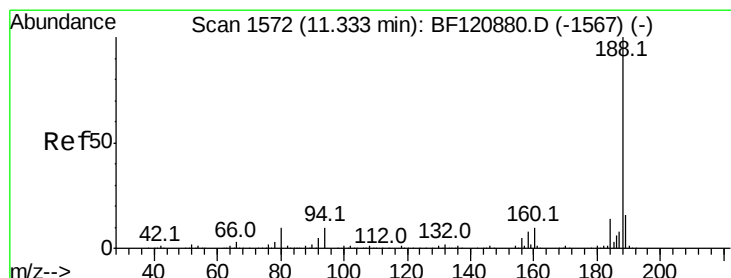
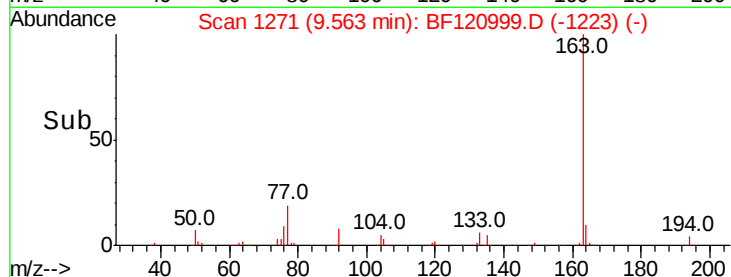
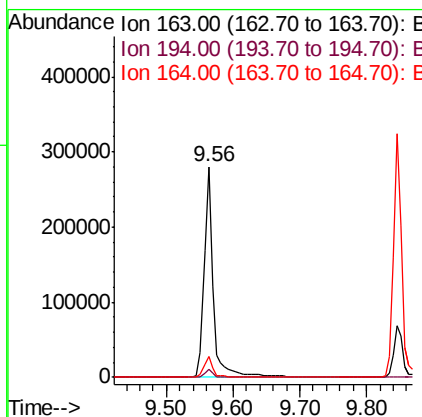
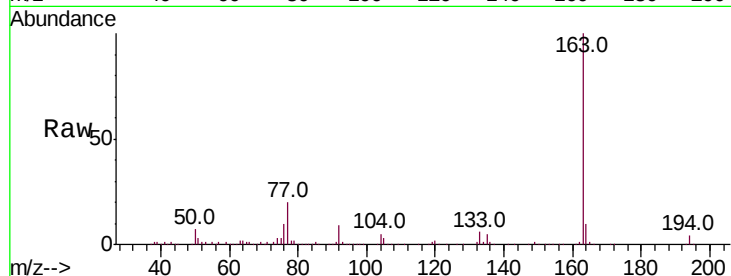
#50
Dimethylphthalate
Concen: 12.388 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleId :
FM-CON-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	263424		
194	3.7		3.2	4.8
164	10.1		7.9	11.9

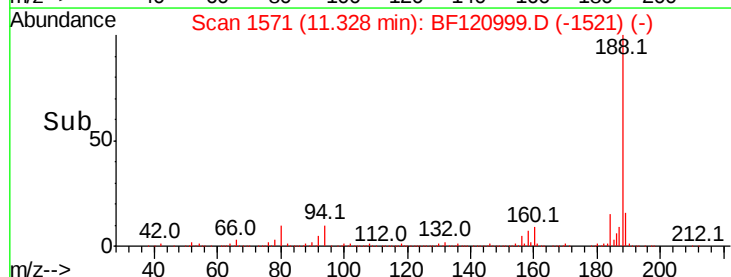
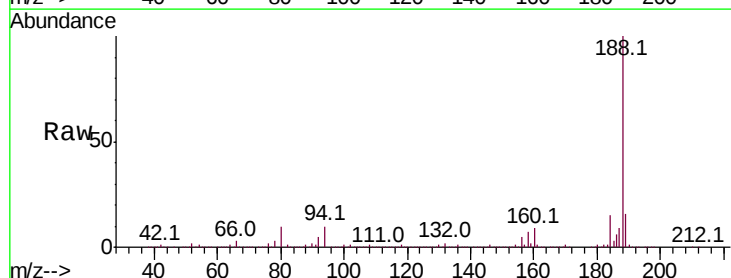
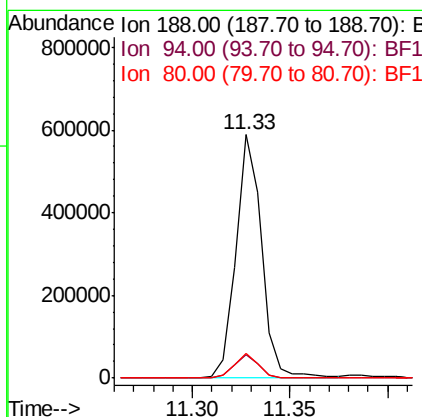
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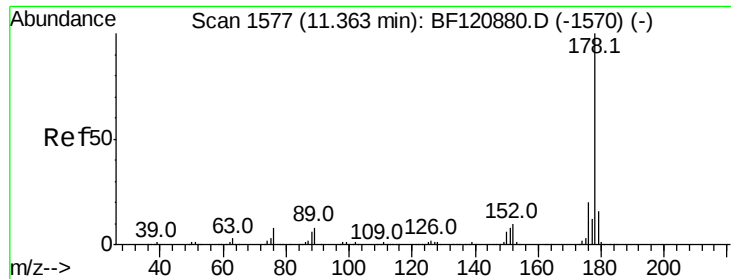
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	538602		
94	9.5		8.0	12.0
80	10.0		8.3	12.5





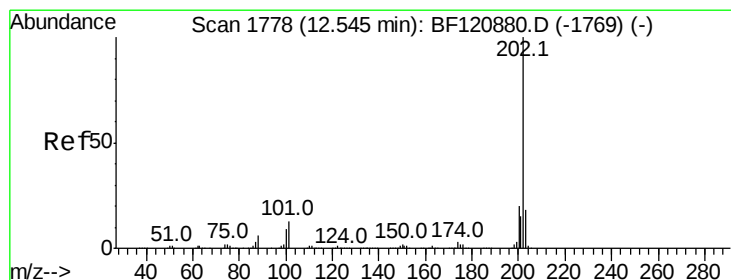
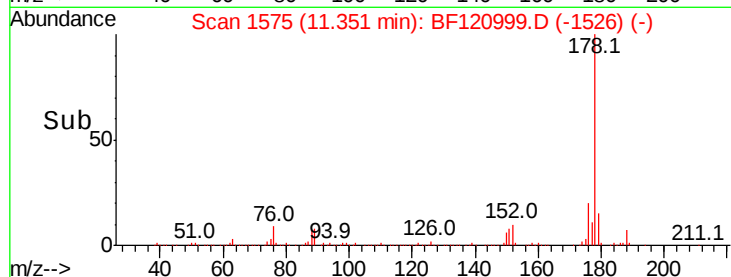
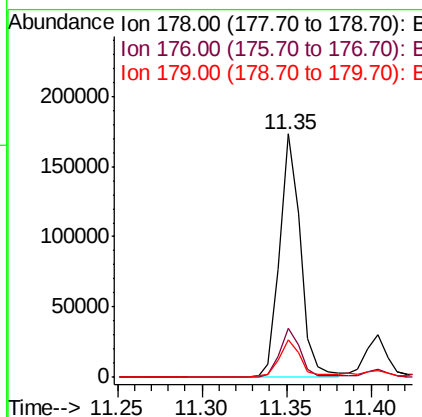
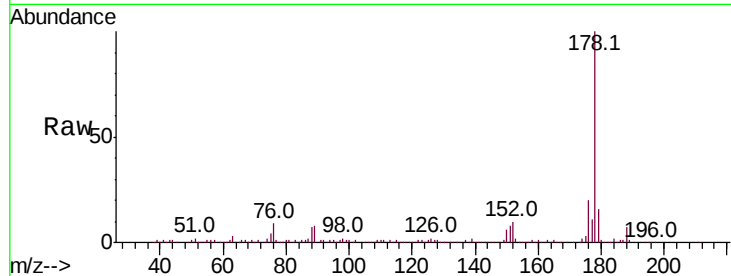
#71
Phenanthrene
Concen: 5.359 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleId :
FM-CON-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.7	12.8	19.2

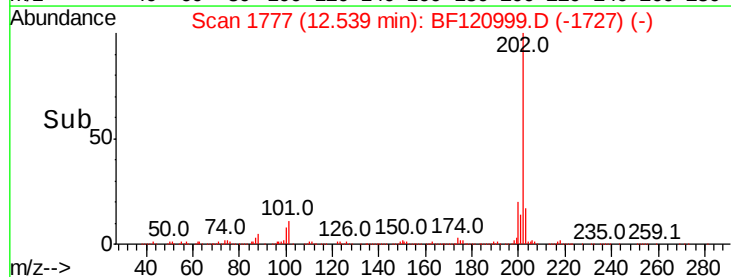
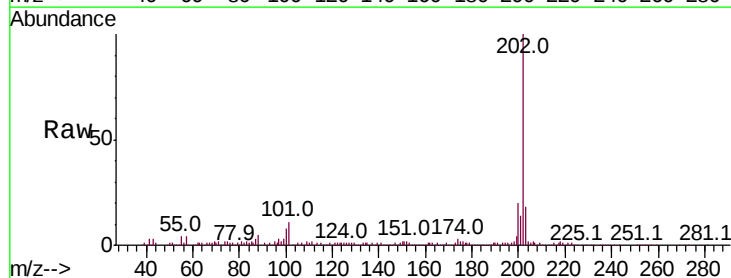
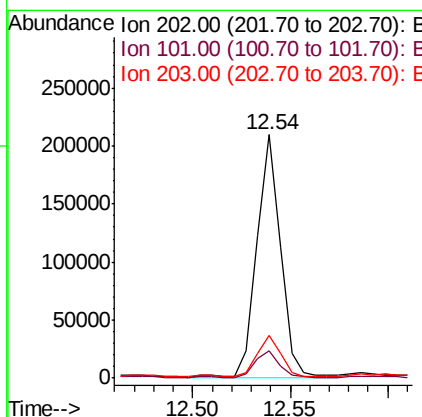
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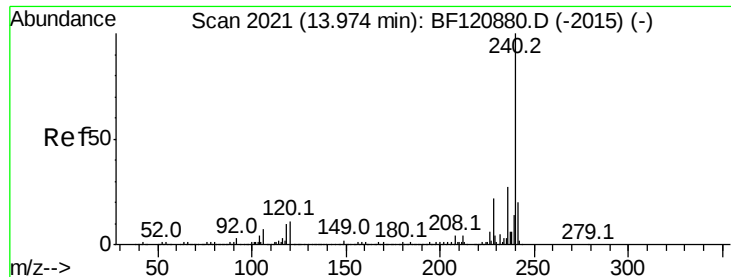
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#75
Fluoranthene
Concen: 5.716 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.7
203	17.6	0.0	38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF120999.D

Acq: 24 Jul 2020 13:15

Instrument :

BNA_F

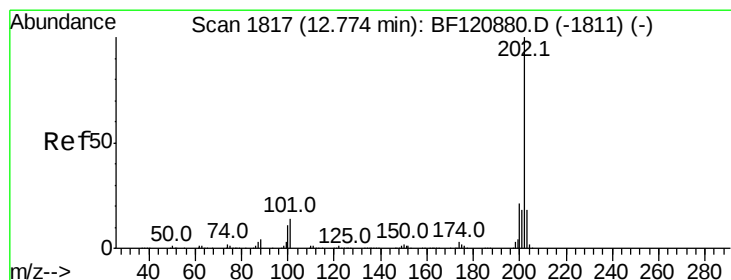
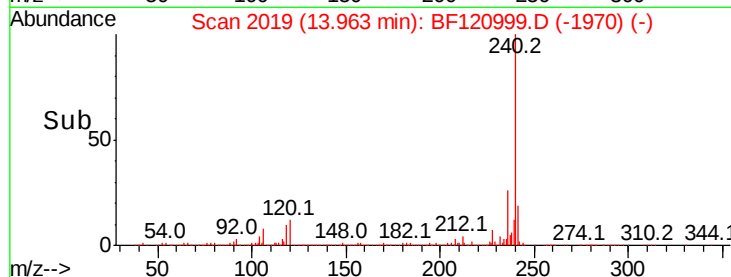
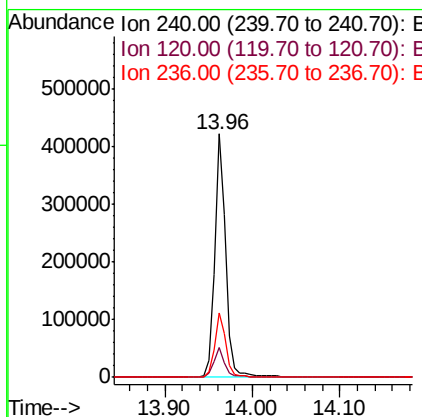
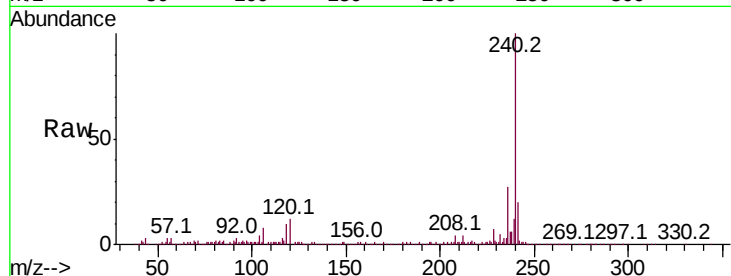
ClientSampleId :

FM-CON-A

Tot Ion:	240	Resp:	365949
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.0	13.4
236	26.6	21.7	32.5

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#78

Pyrene

Concen: 6.467 ng

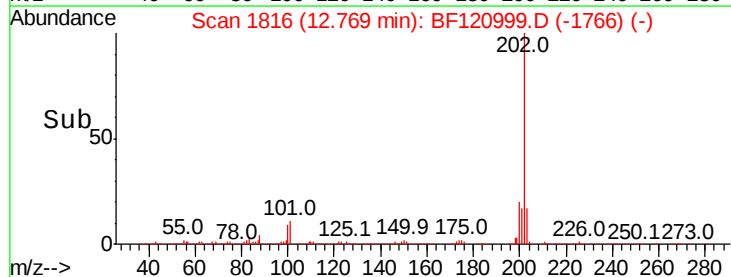
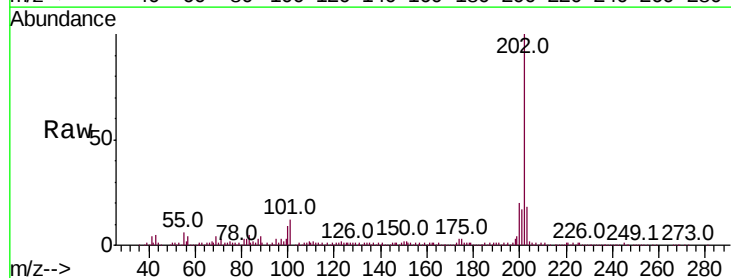
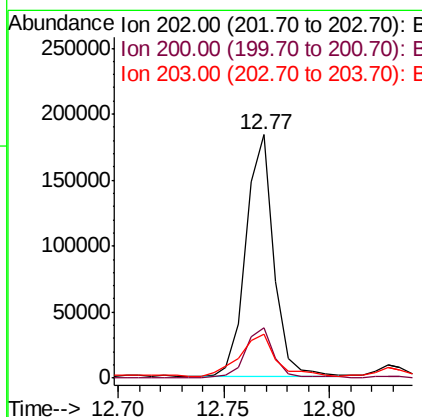
RT: 12.77 min Scan# 1816

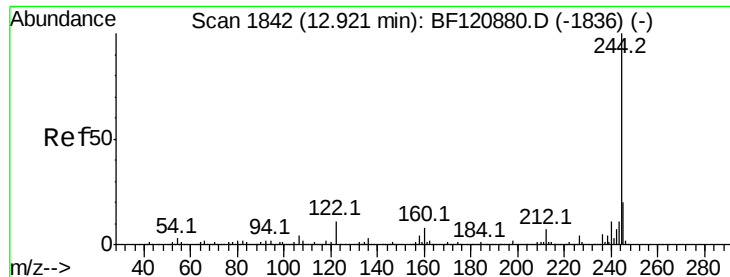
Delta R.T. -0.01 min

Lab File: BF120999.D

Acq: 24 Jul 2020 13:15

Tgt Ion:	202	Resp:	167310
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.0	25.4
203	18.2	14.4	21.6





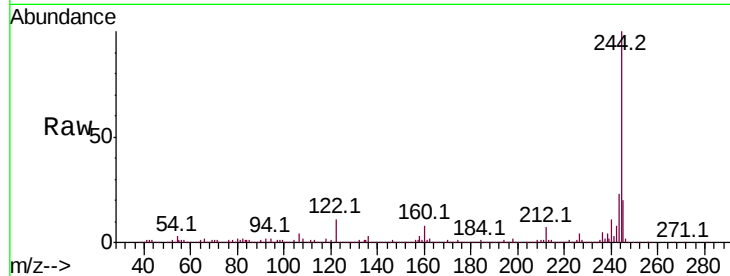
#79
 Terphenyl-d14
 Concen: 66.180 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF120999.D
 Acq: 24 Jul 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 FM-CON-A

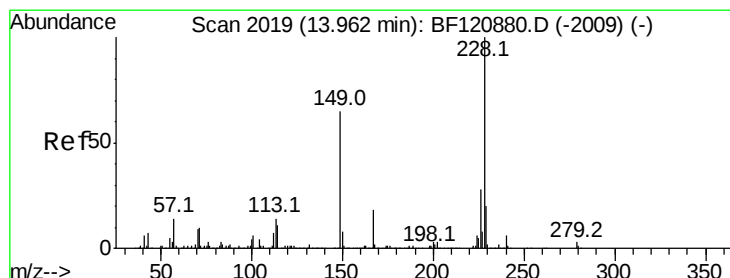
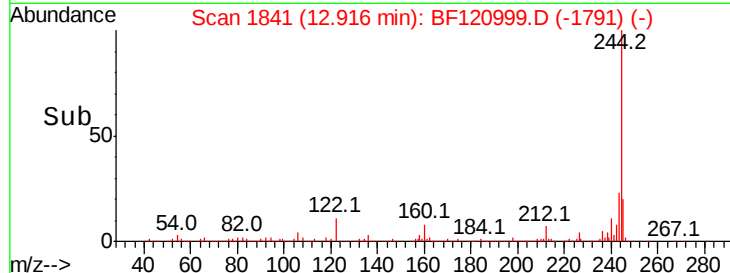
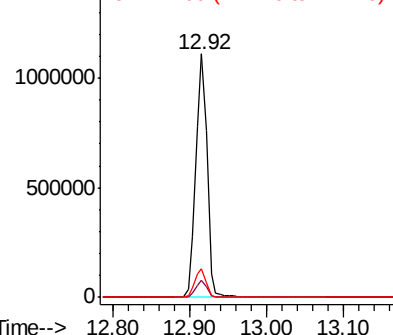
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.5	8.9	13.3

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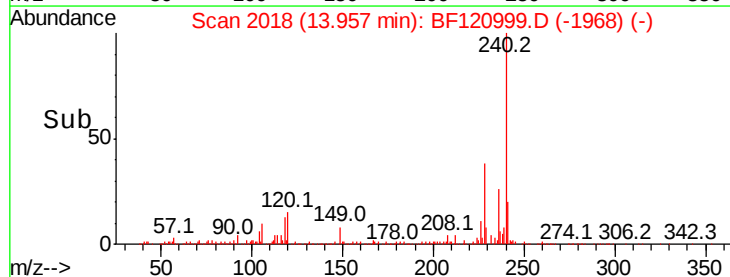
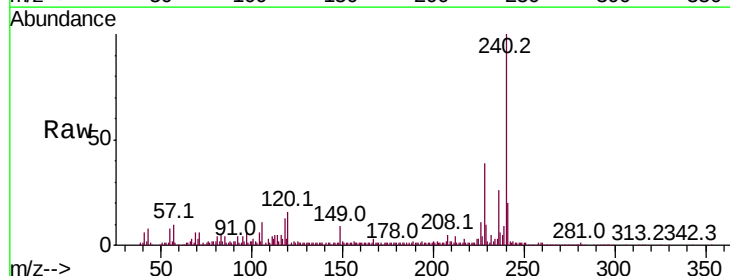
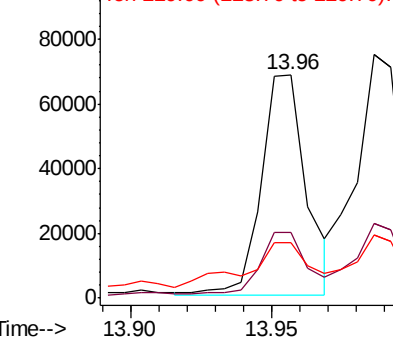
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

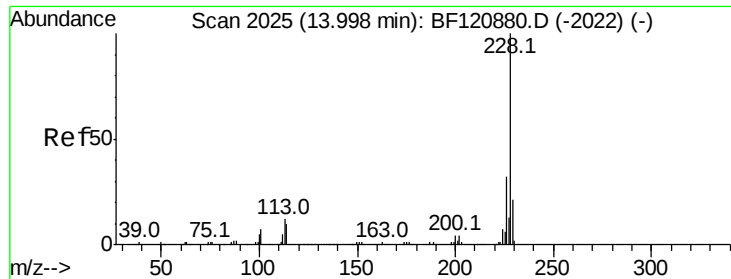


#81
 Benzo(a)anthracene
 Concen: 3.426 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120999.D
 Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.3	33.5
229	25.0	16.1	24.1

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





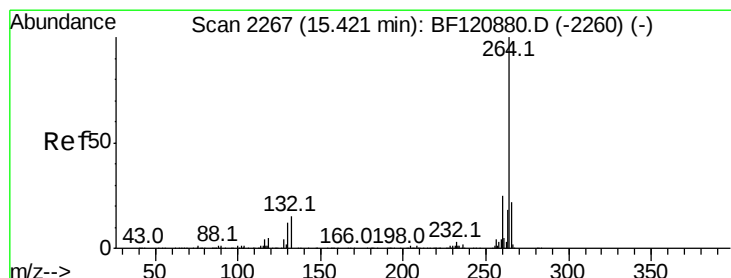
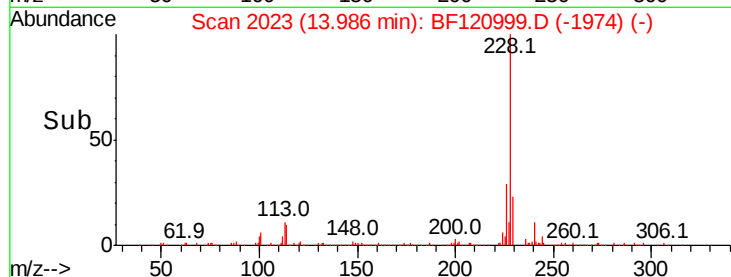
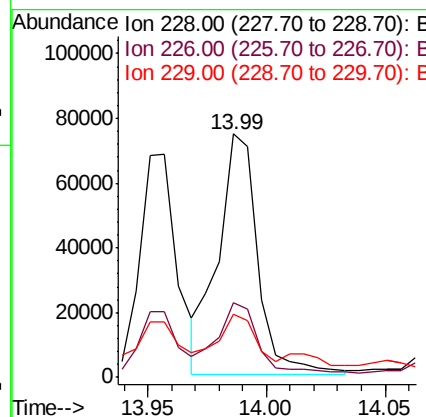
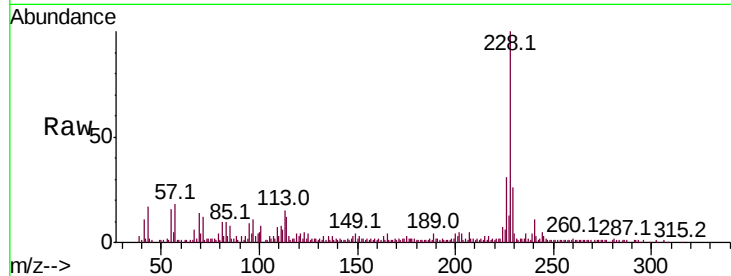
#83
Chrysene
Concen: 3.733 ng/ml
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleID :
FM-CON-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.6	38.4
229	25.7	16.8	25.2

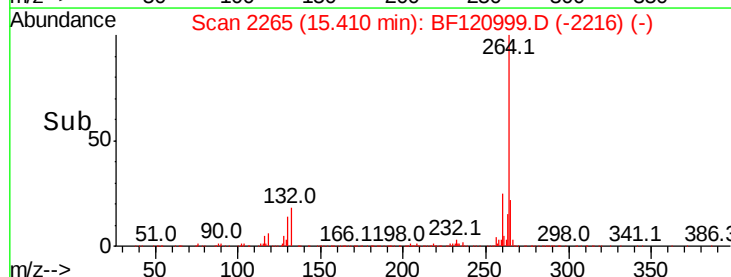
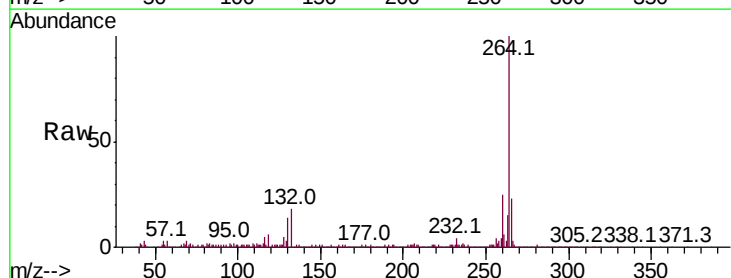
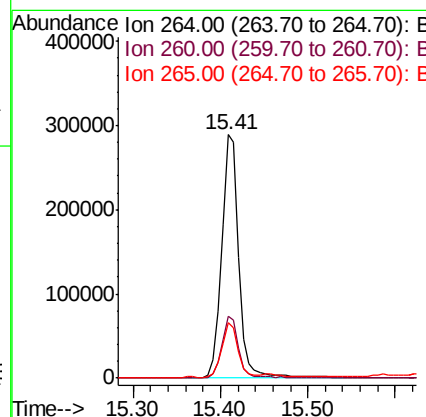
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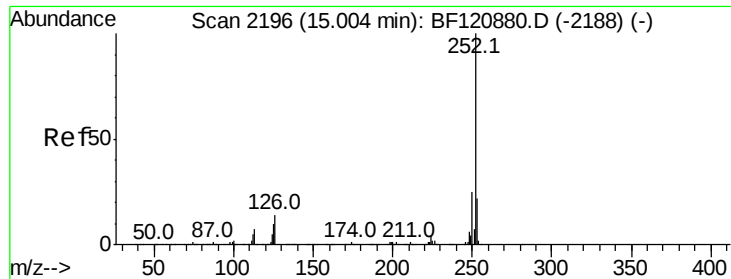
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	22.7	17.4	26.2





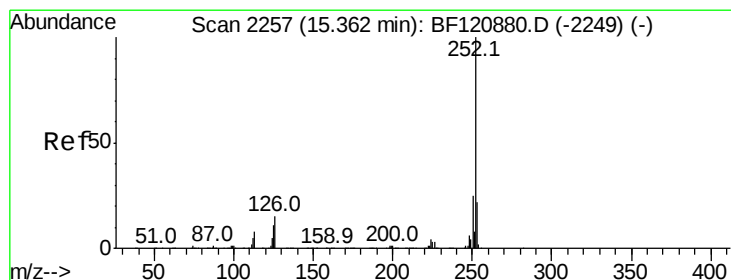
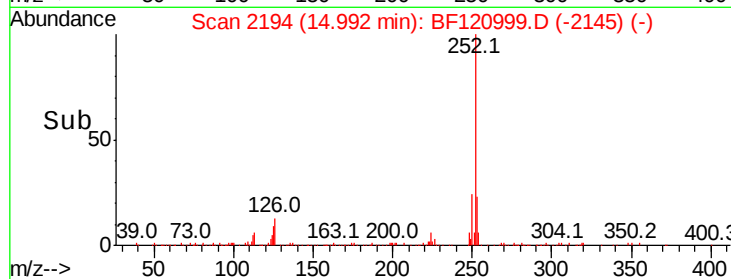
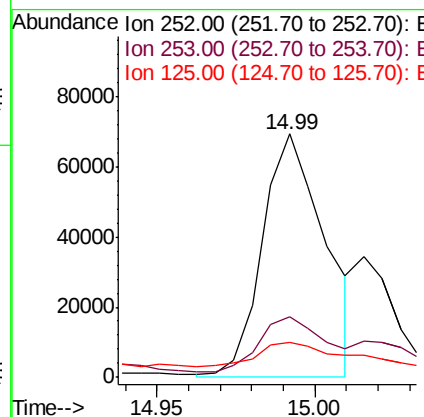
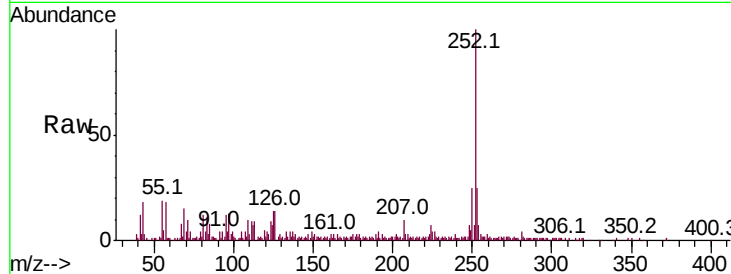
#88
Benzo(b)fluoranthene
Concen: 4.078 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Instrument :
BNA_F
ClientSampleId :
FM-CON-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	14.2	8.3	12.5

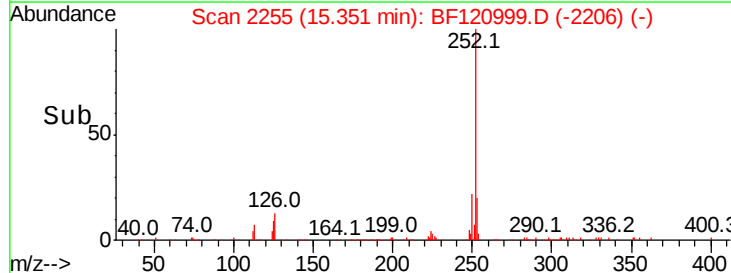
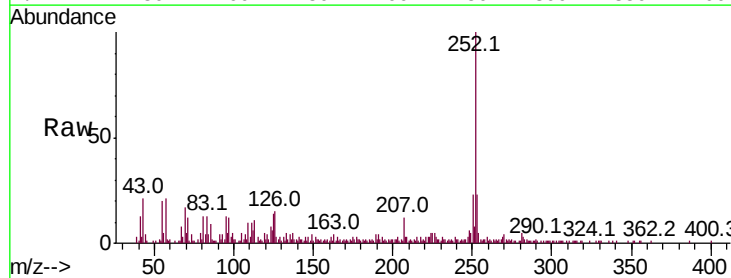
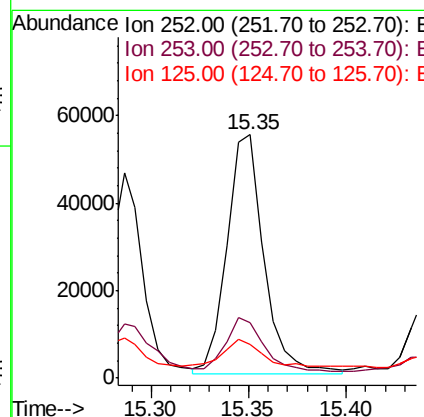
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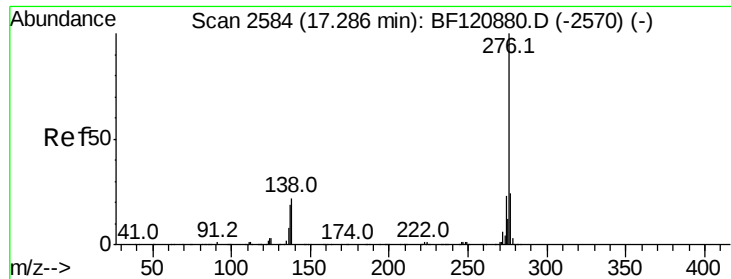
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#90
Benzo(a)pyrene
Concen: 3.354 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF120999.D
Acq: 24 Jul 2020 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	14.1	8.9	13.3





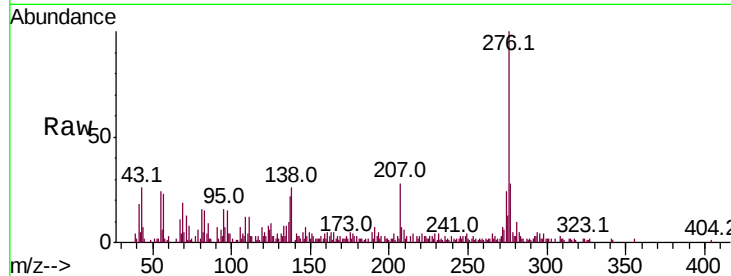
#92
 Benzo(a,h,i)perylene
 Concen: 2.486 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.03 min
 Lab File: BF120999.D
 Acq: 24 Jul 2020 13:15

Instrument :
 BNA_F
 ClientSampleId :
 FM-CON-A

Tot Ion:	276	Resp:	54202
Ion Ratio	Lower	Upper	
276	100		
277	27.8	18.8	28.2
138	26.0	17.5	26.3

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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

