

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120103.D
 Acq On : 21 Apr 2020 15:41
 Operator : MA/SJ
 Sample : L2342-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Manual Integrations
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mohammad
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Quant Time: Apr 21 16:35:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	121515	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	469493	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	234961	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	446196	20.00	ng	0.00
76) Chrysene-d12	13.86	240	279449	20.00	ng	-0.01
87) Perylene-d12	15.27	264	236690	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	668336	95.05	ng	0.00
7) Phenol-d6	6.33	99	915936	101.09	ng	0.00
23) Nitrobenzene-d5	7.26	82	585753	64.54	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	240615	83.64	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1149965	69.49	ng	0.00
79) Terphenyl-d14	12.81	244	1183910	71.29	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	156828	8.629	ng	100
71) Phenanthrene	11.24	178	174345	7.342	ng	100
75) Fluoranthene	12.43	202	137354	5.361	ng	97
78) Pyrene	12.66	202	138753	5.890	ng	98
81) Benzo(a)anthracene	13.85	228	48119m	2.617	ng	
83) Chrysene	13.88	228	44334	2.373	ng	98
88) Benzo(b)fluoranthene	14.87	252	41189m	2.419	ng	
90) Benzo(a)pyrene	15.21	252	32980	2.304	ng	96

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

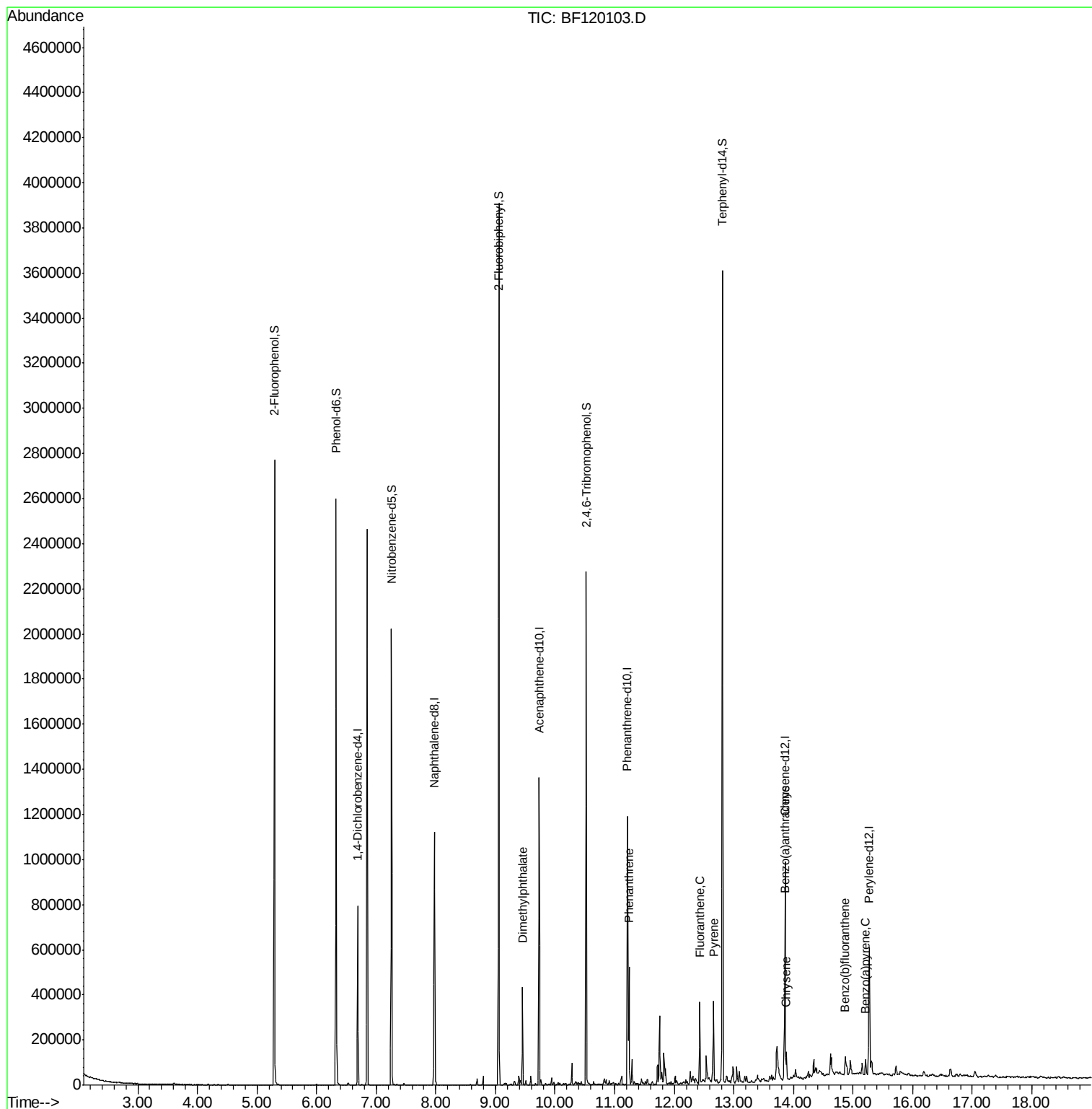
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120103.D
Acq On : 21 Apr 2020 15:41
Operator : MA/SJ
Sample : L2342-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

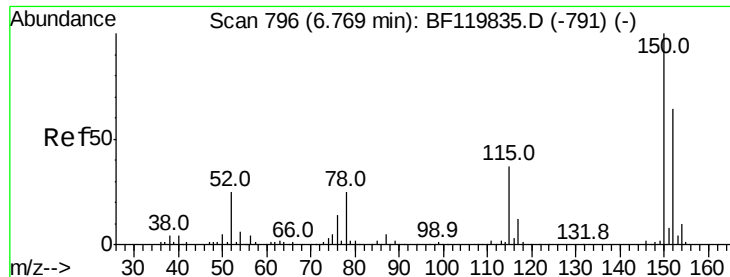
Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

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Quant Time: Apr 21 16:35:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

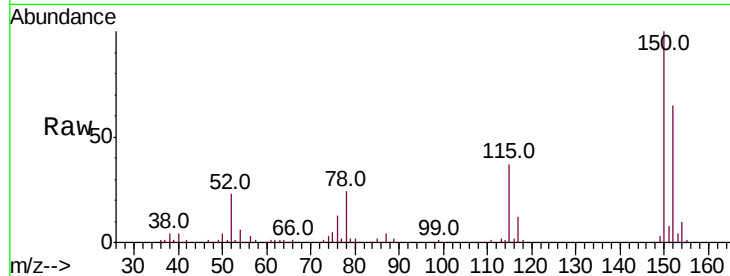
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.8	187.2
115	57.5	46.5	69.7

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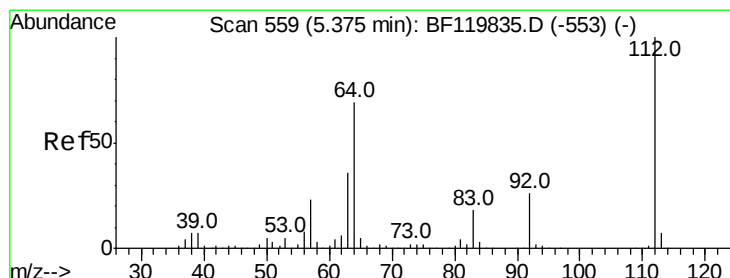
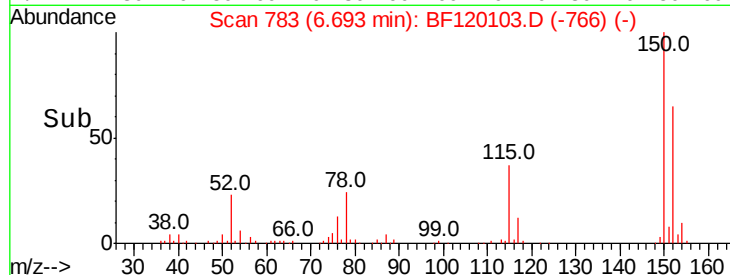
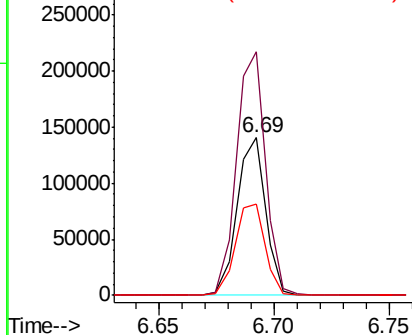


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

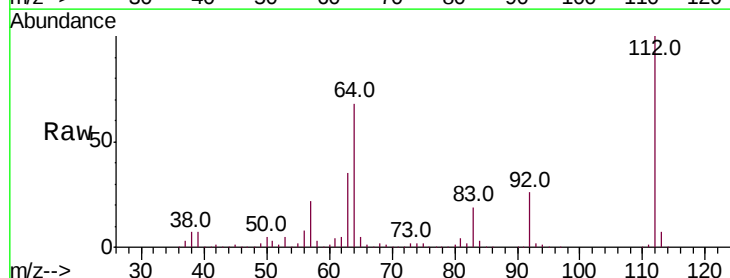
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 95.051 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	55.5	83.3
63	35.0	29.1	43.7

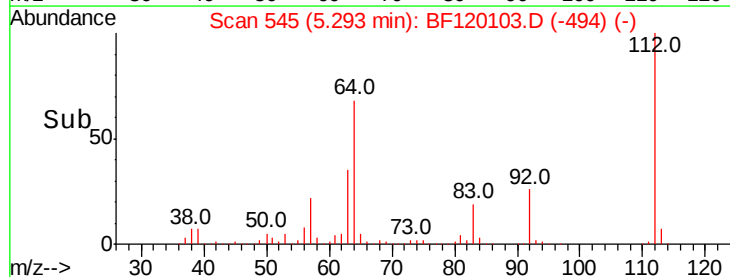
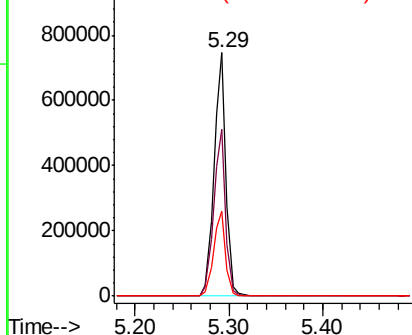


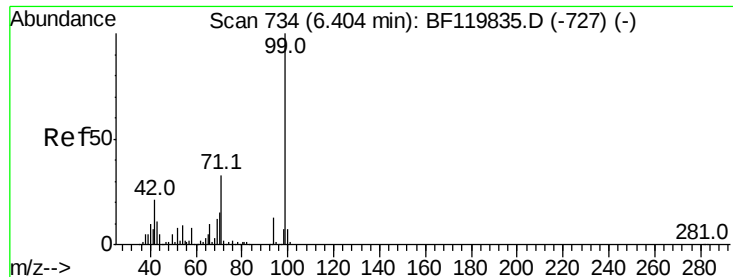
Abundance

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: 101.094 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Instrument :

BNA_F

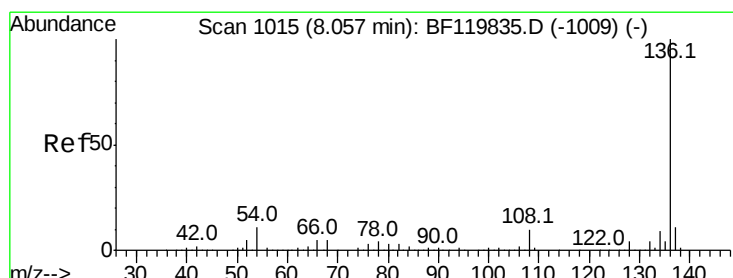
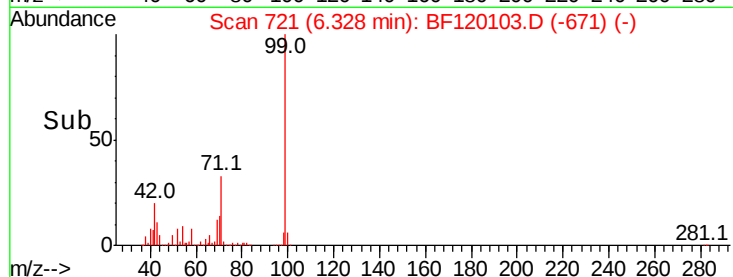
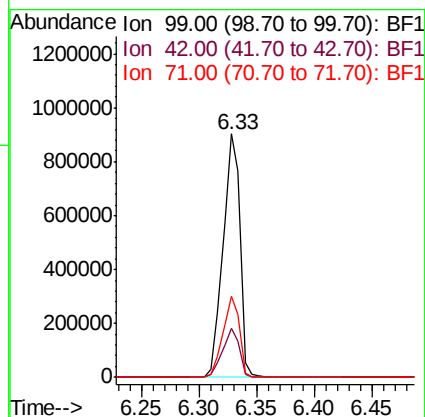
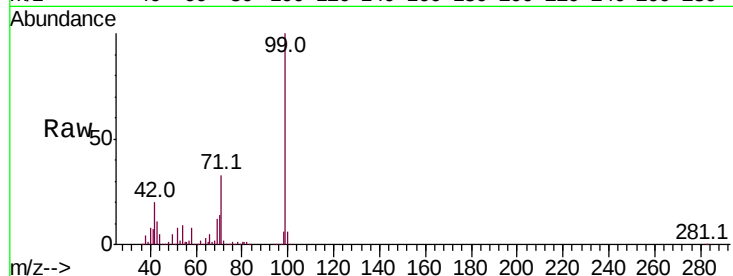
ClientSampleId :

TP-18-COMP

Tot Ion	Ratio	Resp	Lower	Upper
99	100	915936		
42	20.3	16.9	25.3	
71	33.1	26.3	39.5	

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#21

Naphthalene-d8

Concen: 20.000 ng

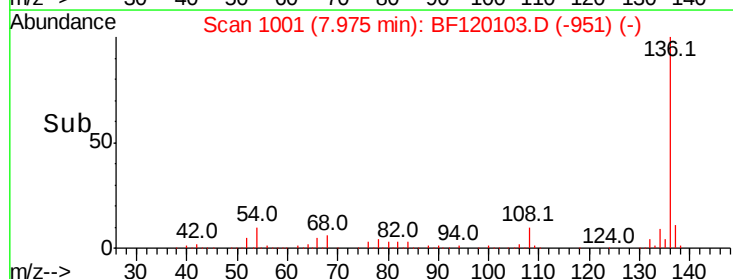
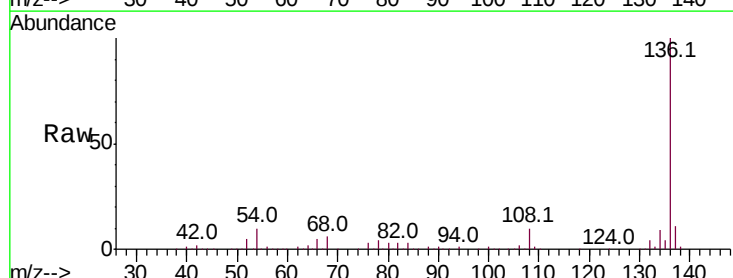
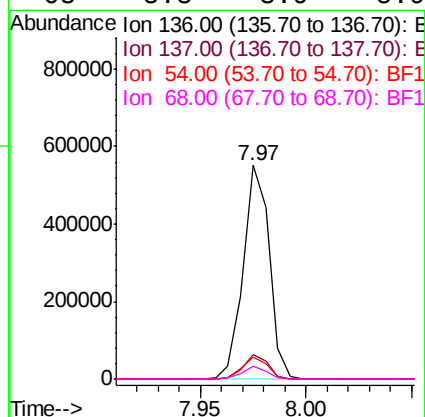
RT: 7.97 min Scan# 1001

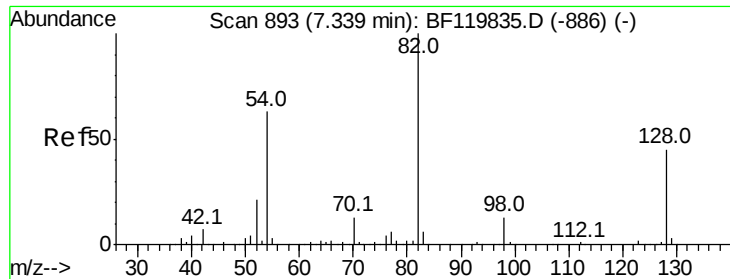
Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	469493		
137	11.2	8.7	13.1	
54	10.2	8.5	12.7	
68	5.8	3.9	5.9	





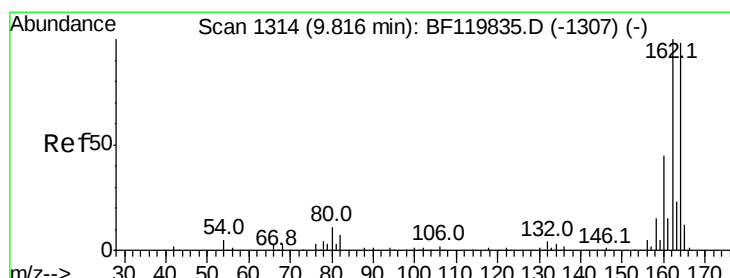
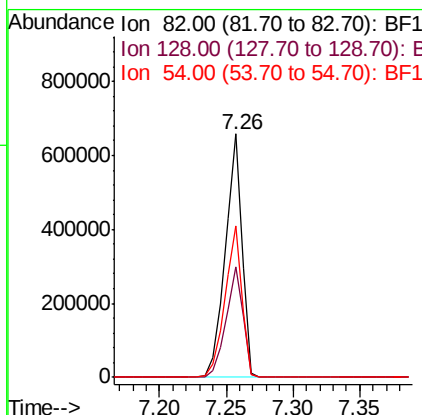
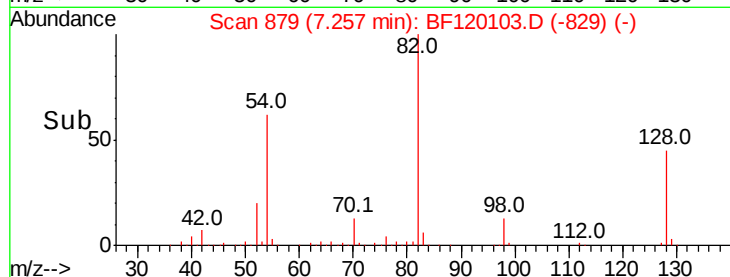
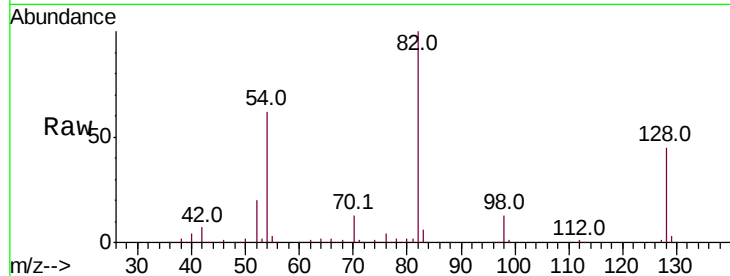
#23
Nitrobenzene-d5
Concen: 64.544 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.2	54.4
54	62.2	50.4	75.6

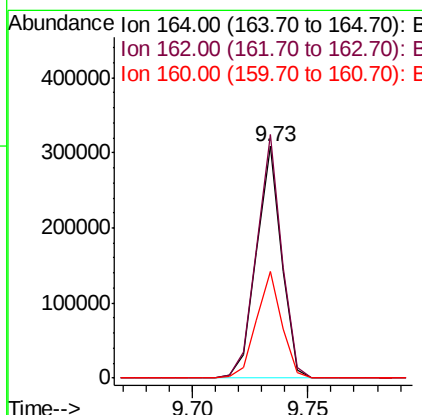
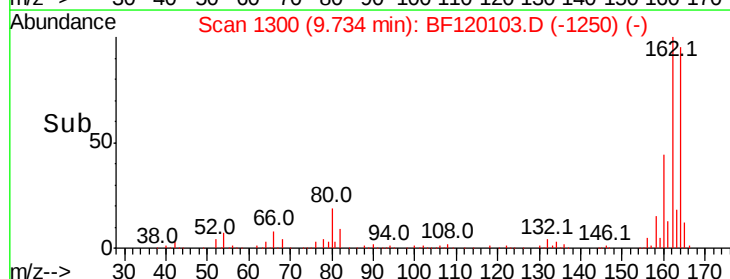
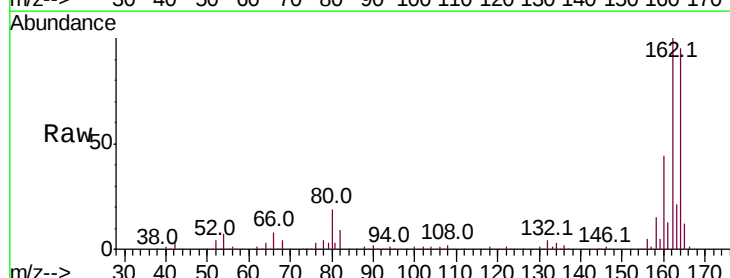
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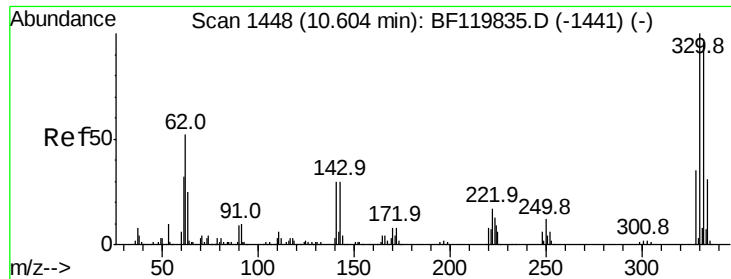
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	81.9	122.9
160	46.3	36.6	54.8





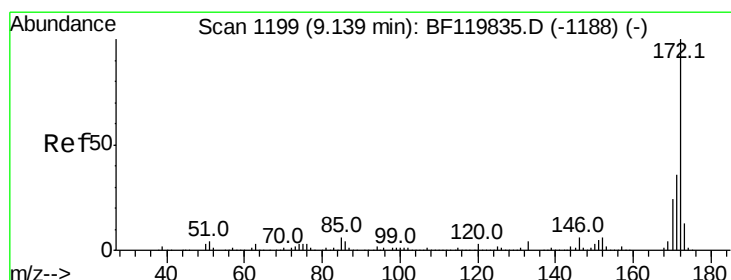
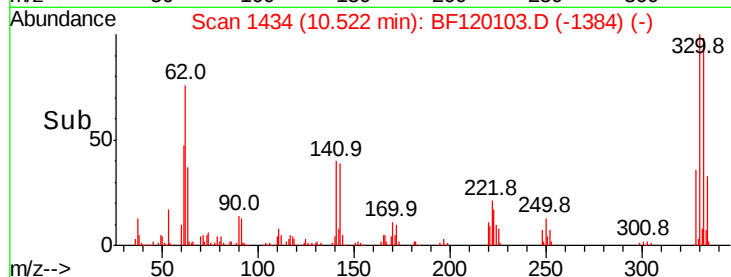
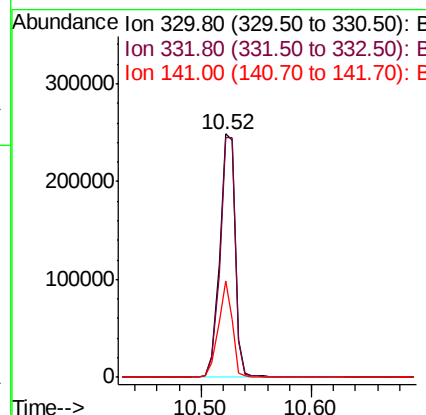
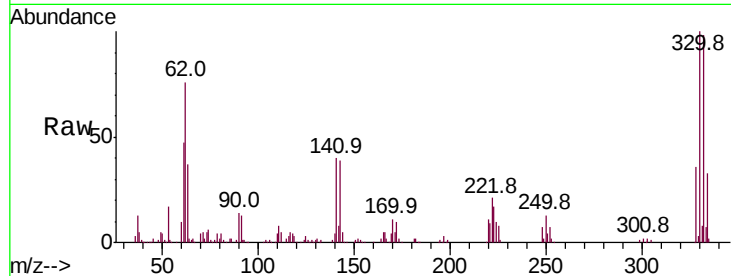
#42
 2,4,6-Tribromophenol
 Concen: 83.642 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	240615		
332	97.2	76.8	115.2	
141	35.1	25.1	37.7	

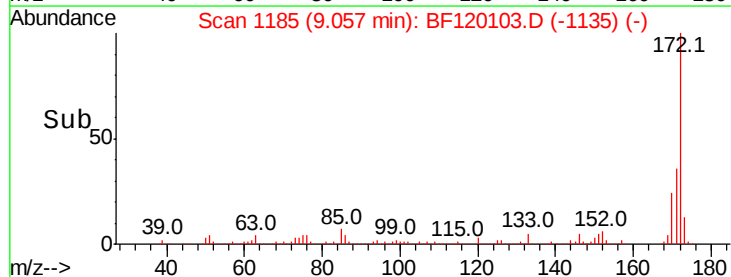
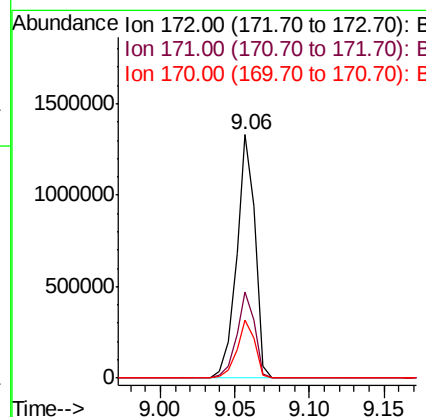
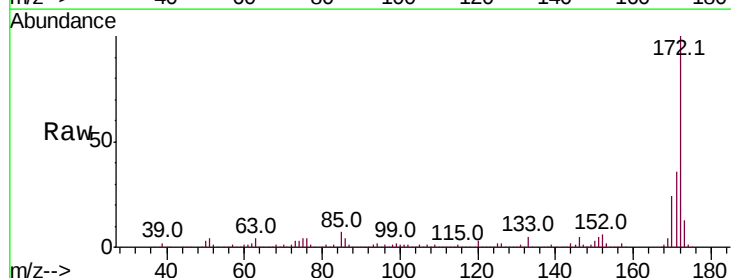
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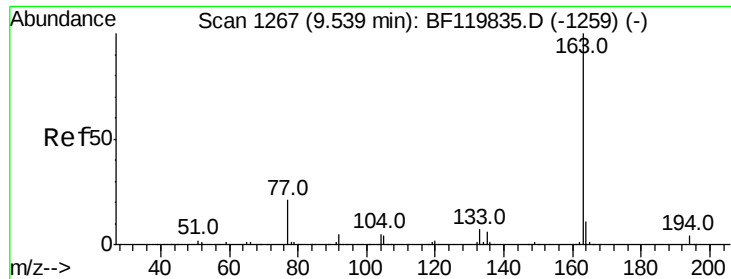
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#45
 2-Fluorobiphenyl
 Concen: 69.488 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1149965		
171	35.5	28.9	43.3	
170	23.6	19.4	29.2	





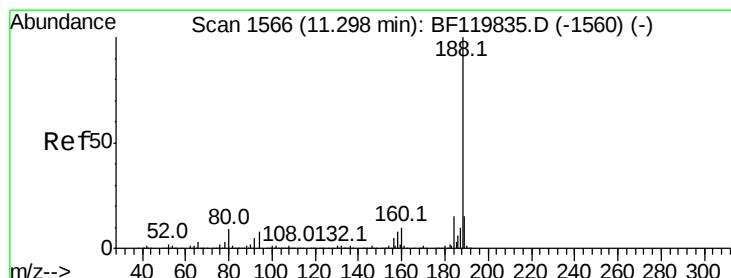
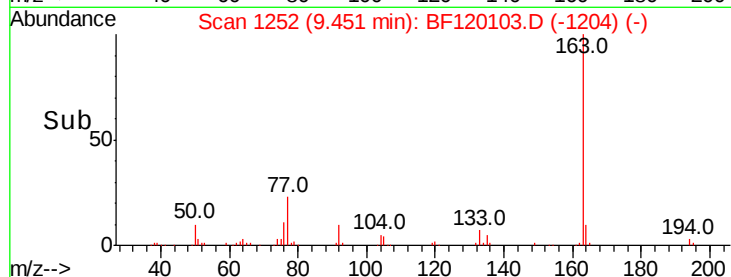
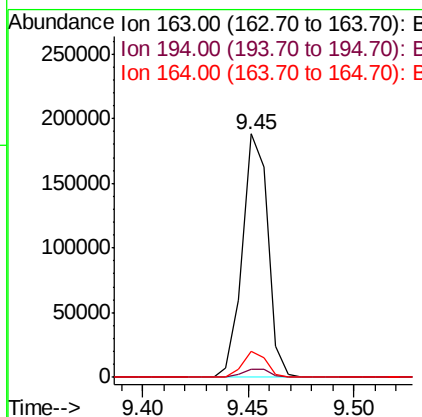
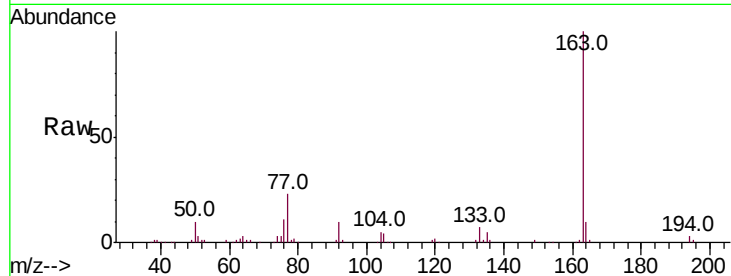
#50
Dimethylphthalate
Concen: 8.629 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	156828		
194	3.4		3.0	4.4
164	10.5		8.4	12.6

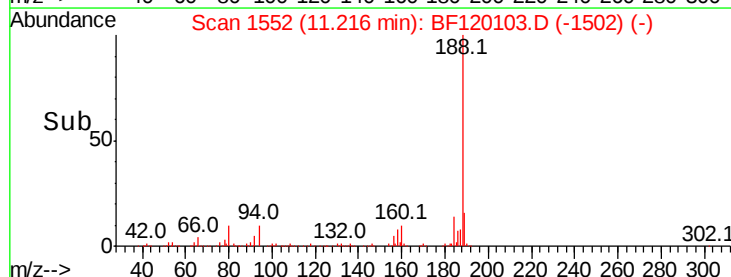
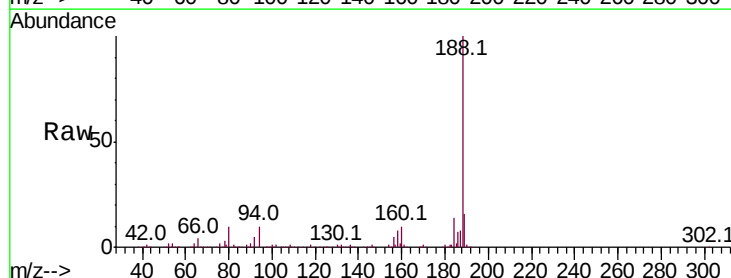
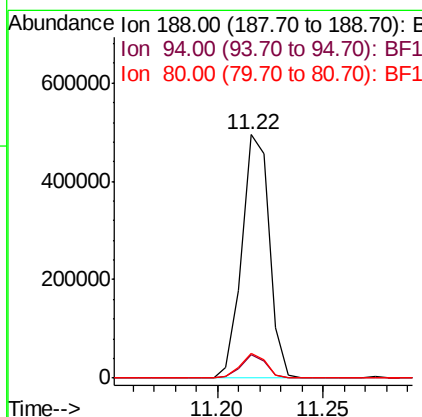
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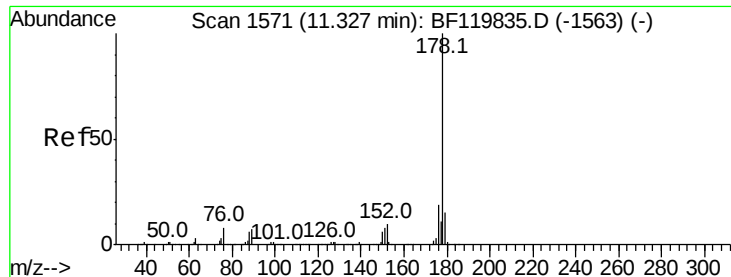
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	446196		
94	9.7		6.7	10.1
80	9.9		7.4	11.2





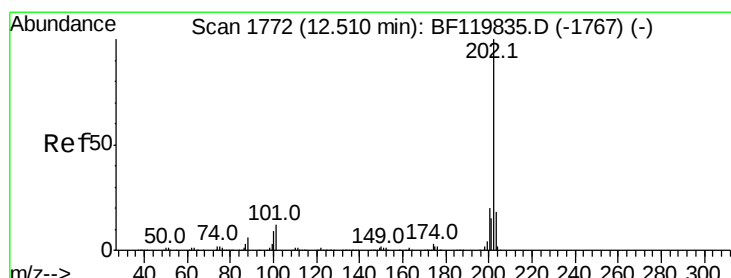
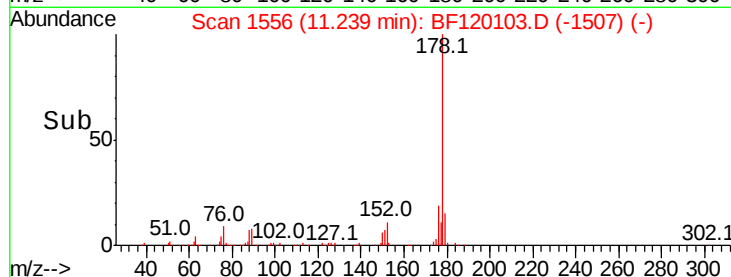
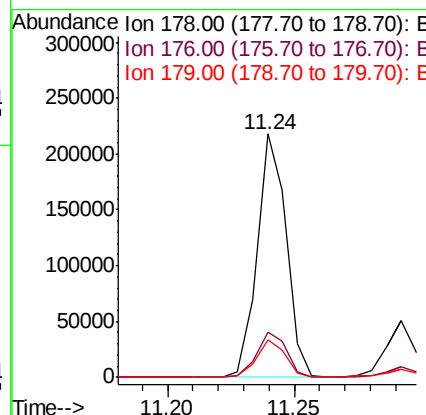
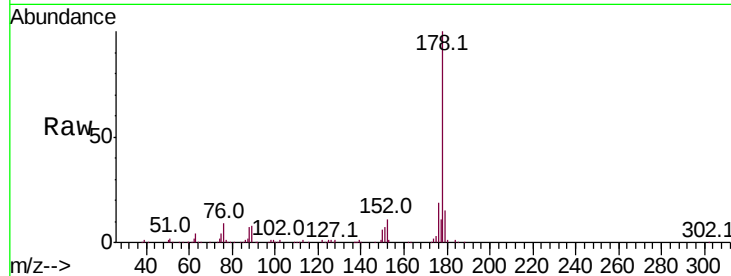
#71
Phenanthrene
Concen: 7.342 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion:178	Resp:	174345
Ion Ratio	Lower	Upper
178 100		
176 18.6	15.1	22.7
179 15.3	12.2	18.4

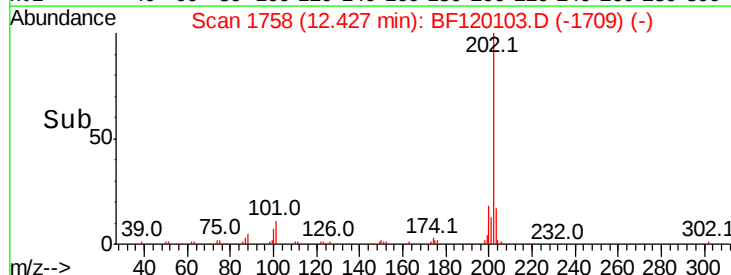
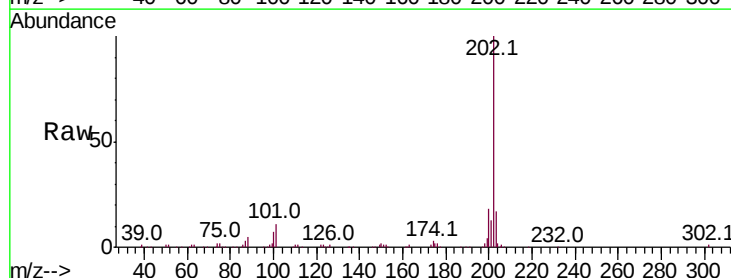
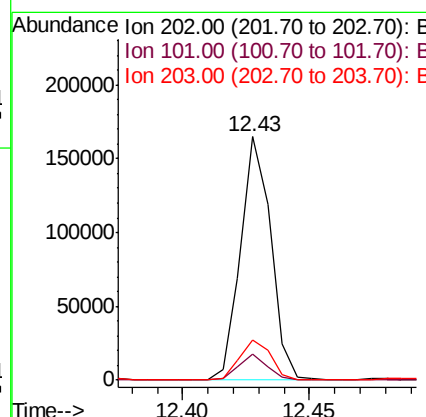
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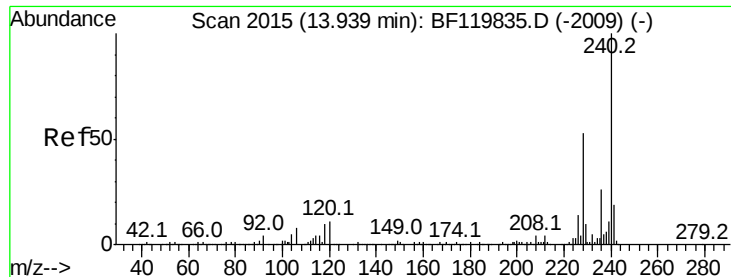
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#75
Fluoranthene
Concen: 5.361 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Tgt Ion:202	Resp:	137354
Ion Ratio	Lower	Upper
202 100		
101 10.6	0.0	32.3
203 16.7	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Instrument :

BNA_F

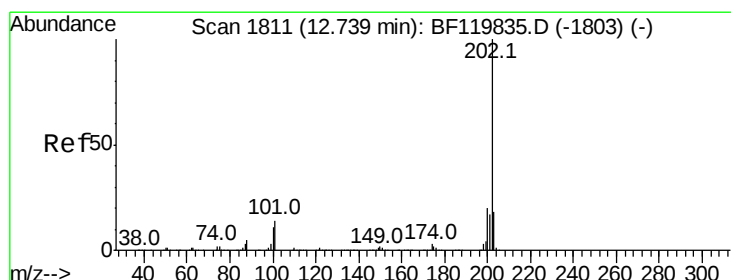
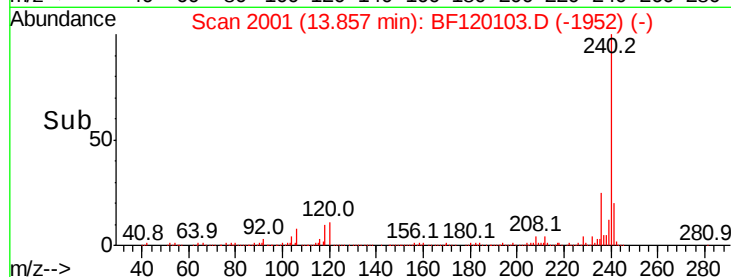
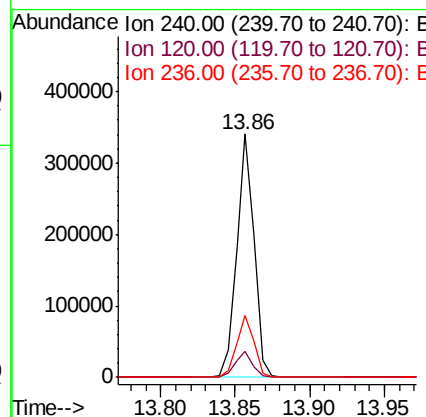
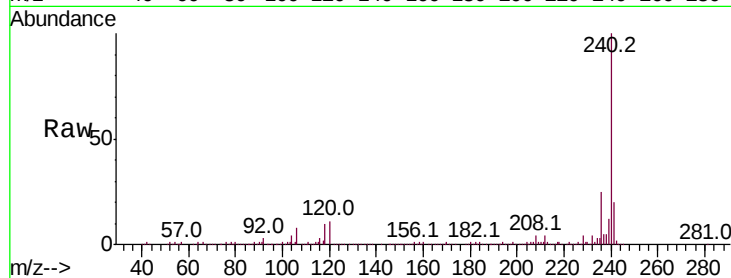
ClientSampleId :

TP-18-COMP

Tot Ion:	240	Resp:	279449
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.0	13.6
236	25.2	20.7	31.1

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#78

Pyrene

Concen: 5.890 ng

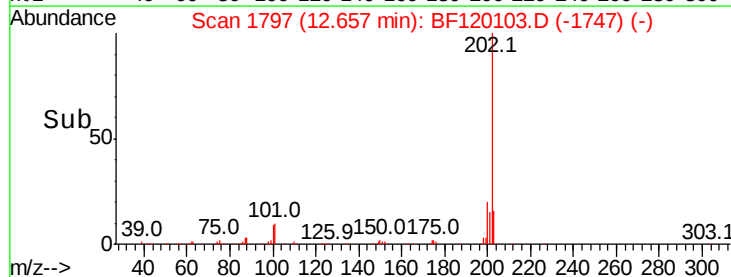
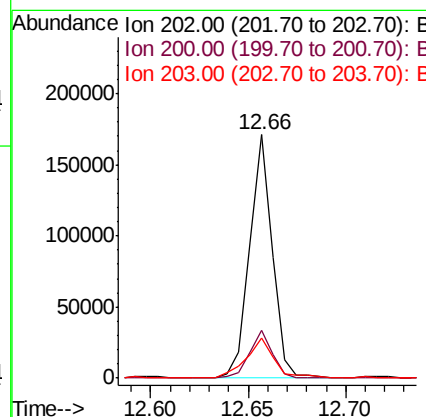
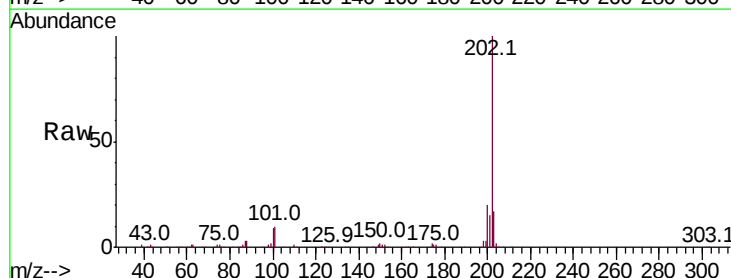
RT: 12.66 min Scan# 1797

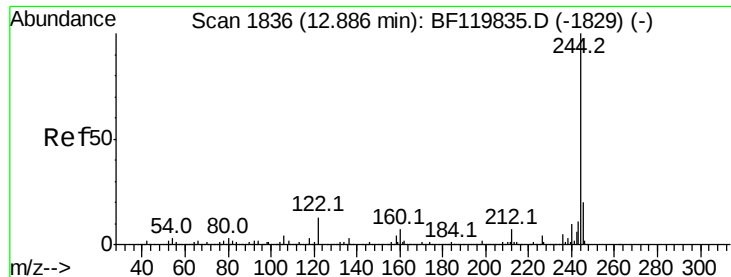
Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Tgt Ion:	202	Resp:	138753
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.2	24.2
203	16.6	14.1	21.1





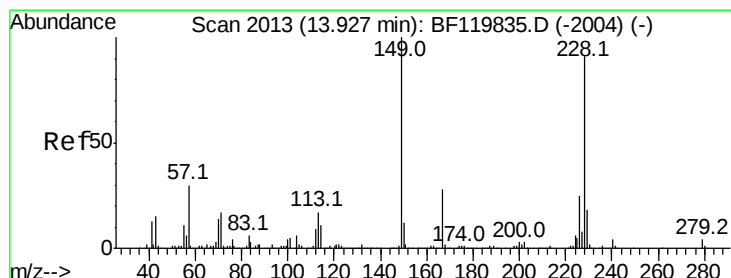
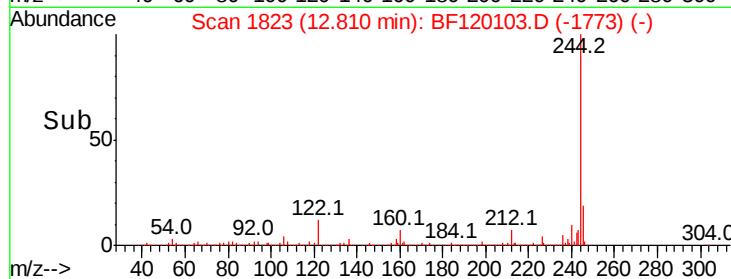
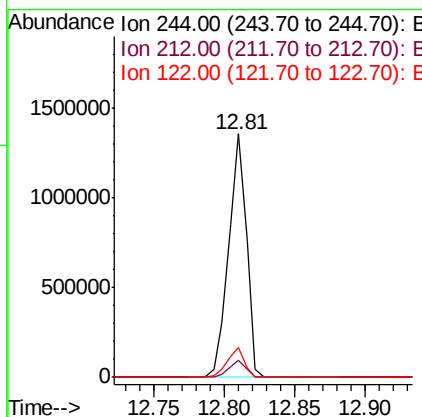
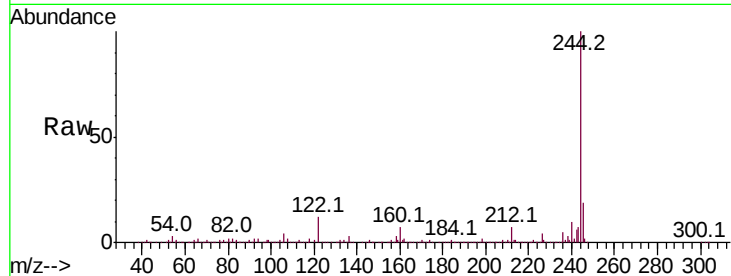
#79
 Terphenyl-d14
 Concen: 71.287 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-18-COMP

Tot Ion:244 Resp: 1183910
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.2 10.3 15.5

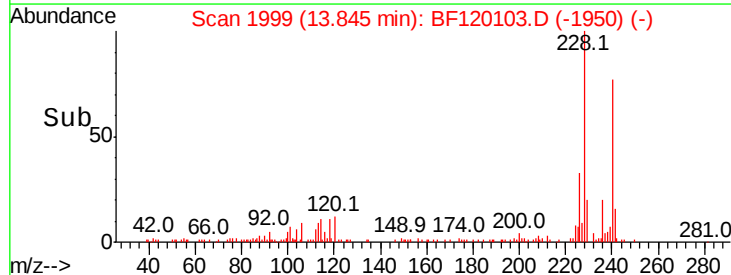
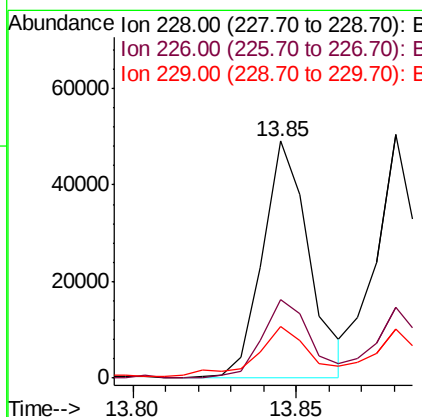
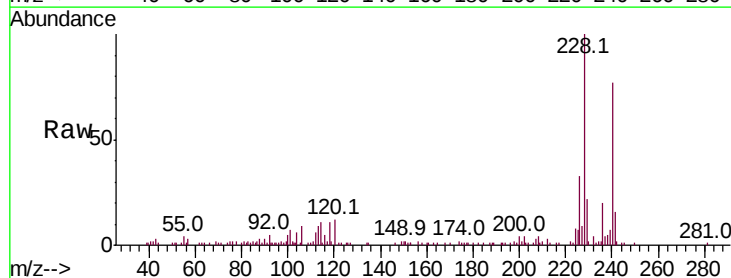
Manual Integrations
 APPROVED

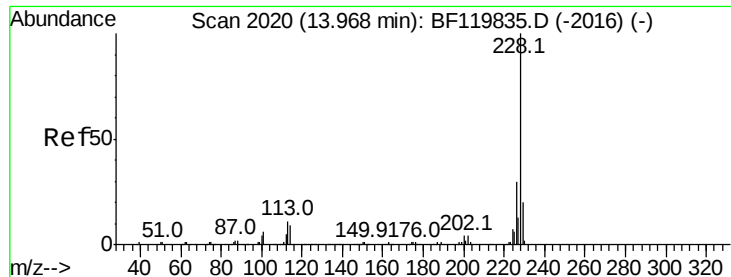
mohammad
 4/24/2020 4:17:06 AM



#81
 Benzo(a)anthracene
 Concen: 2.617 ng m
 RT: 13.85 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF120103.D
 Acq: 21 Apr 2020 15:41

Tgt Ion:228 Resp: 48119
 Ion Ratio Lower Upper
 228 100
 226 33.1 21.9 32.9#
 229 21.6 15.9 23.9





#83

Chrysene

Concen: 2.373 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Instrument :

BNA_F

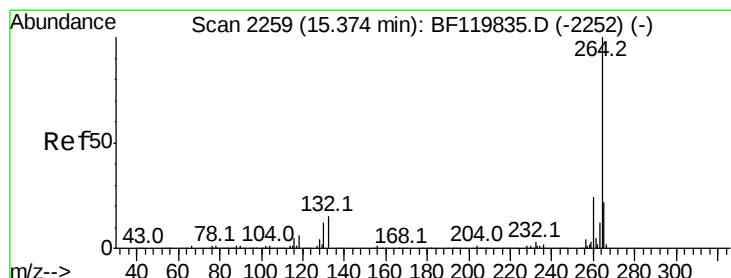
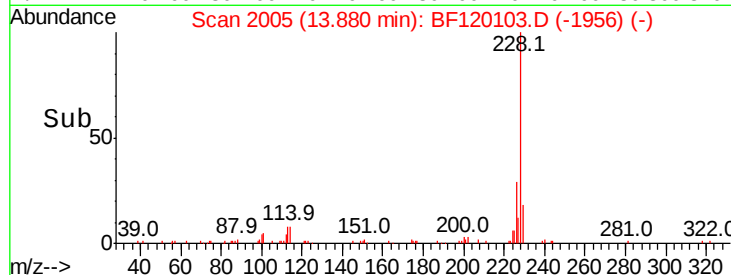
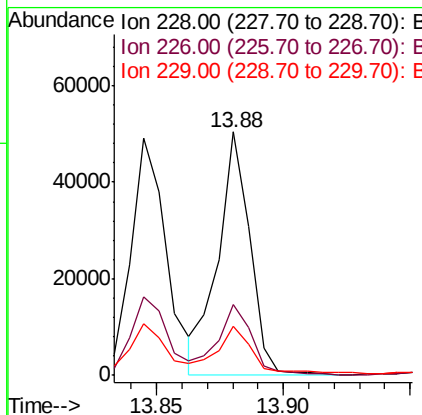
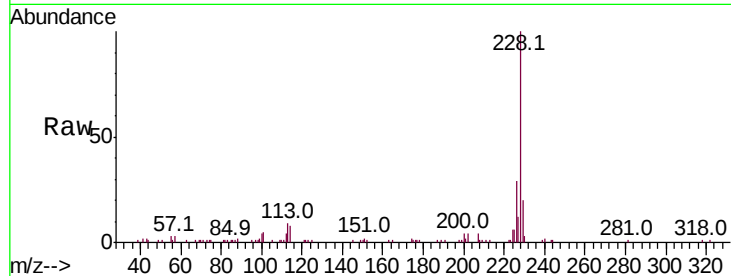
ClientSampleId :

TP-18-COMP

Tot Ion:	228	Resp:	44334
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.2	36.2
229	20.3	15.9	23.9

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

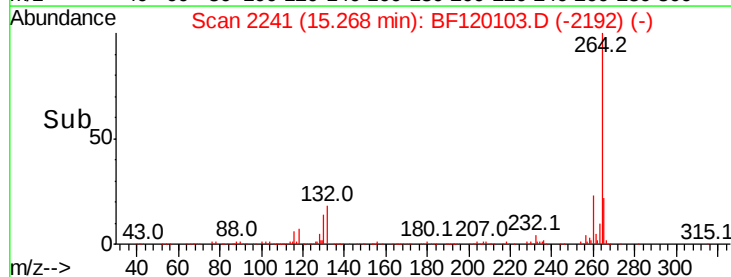
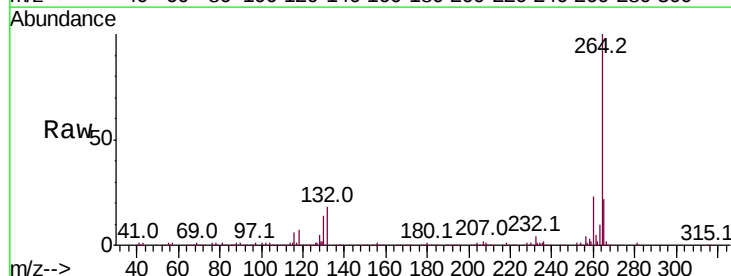
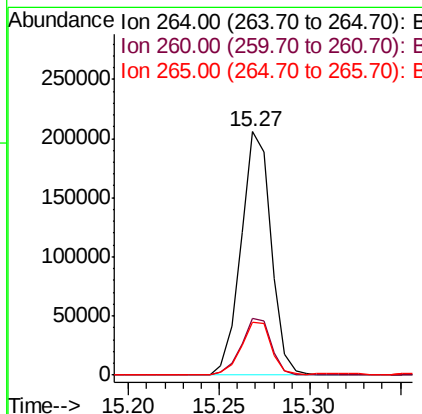
RT: 15.27 min Scan# 2241

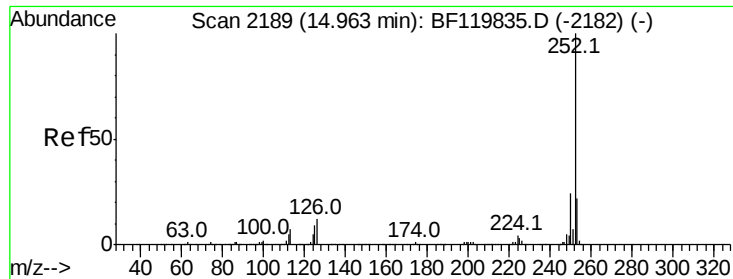
Delta R.T. -0.01 min

Lab File: BF120103.D

Acq: 21 Apr 2020 15:41

Tgt Ion:	264	Resp:	236690
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.3	28.9
265	21.9	17.6	26.4





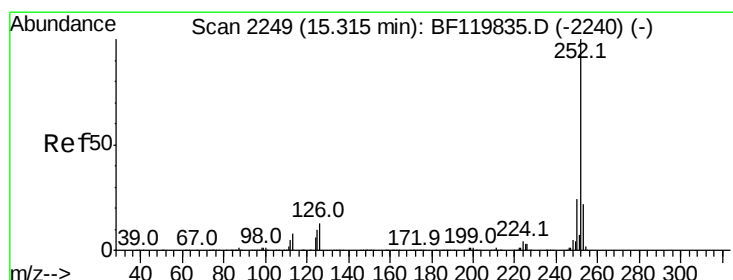
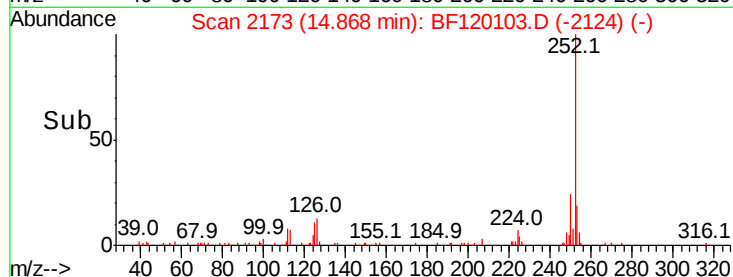
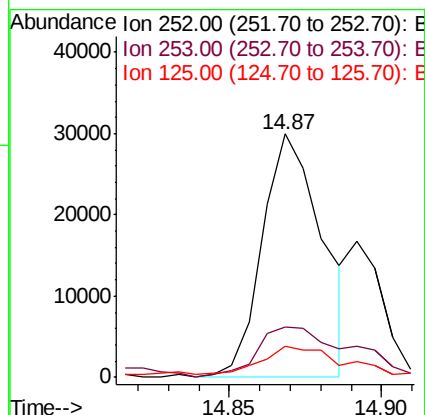
#88
Benzo(b)fluoranthene
Concen: 2.419 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Instrument :
BNA_F
ClientSampleId :
TP-18-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.7	26.5
125	13.0	7.4	11.2

Manual Integrations
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4/24/2020 4:17:06 AM



#90
Benzo(a)pyrene
Concen: 2.304 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF120103.D
Acq: 21 Apr 2020 15:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	12.1	8.3	12.5

