

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
 Data File : BF112803.D
 Acq On : 1 Mar 2019 16:49
 Operator : JU/SJ
 Sample : K1670-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-032-A

Manual Integrations
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Quant Time: Mar 01 23:18:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	188249	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	699010	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	287532	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	469097	20.00	ng	0.00
76) Chrysene-d12	13.87	240	452022	20.00	ng	0.00
87) Perylene-d12	15.29	264	405701	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	570054	47.10	ng	0.00
7) Phenol-d6	6.37	99	743652	48.92	ng	0.00
23) Nitrobenzene-d5	7.30	82	426100	36.48	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	159254	52.17	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	733849	36.16	ng	0.00
79) Terphenyl-d14	12.83	244	610367	26.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	54237	2.558	ng	Qvalue # 99
71) Phenanthrene	11.27	178	49054	2.102	ng	95
75) Fluoranthene	12.46	202	161378	6.454	ng	95
78) Pyrene	12.68	202	144753	3.799	ng	97
81) Benzo(a)anthracene	13.86	228	114950	3.669	ng	94
83) Chrysene	13.90	228	100361	3.270	ng	96
88) Benzo(b)fluoranthene	14.88	252	120054m	4.575	ng	
90) Benzo(a)pyrene	15.22	252	71433	3.078	ng	97

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

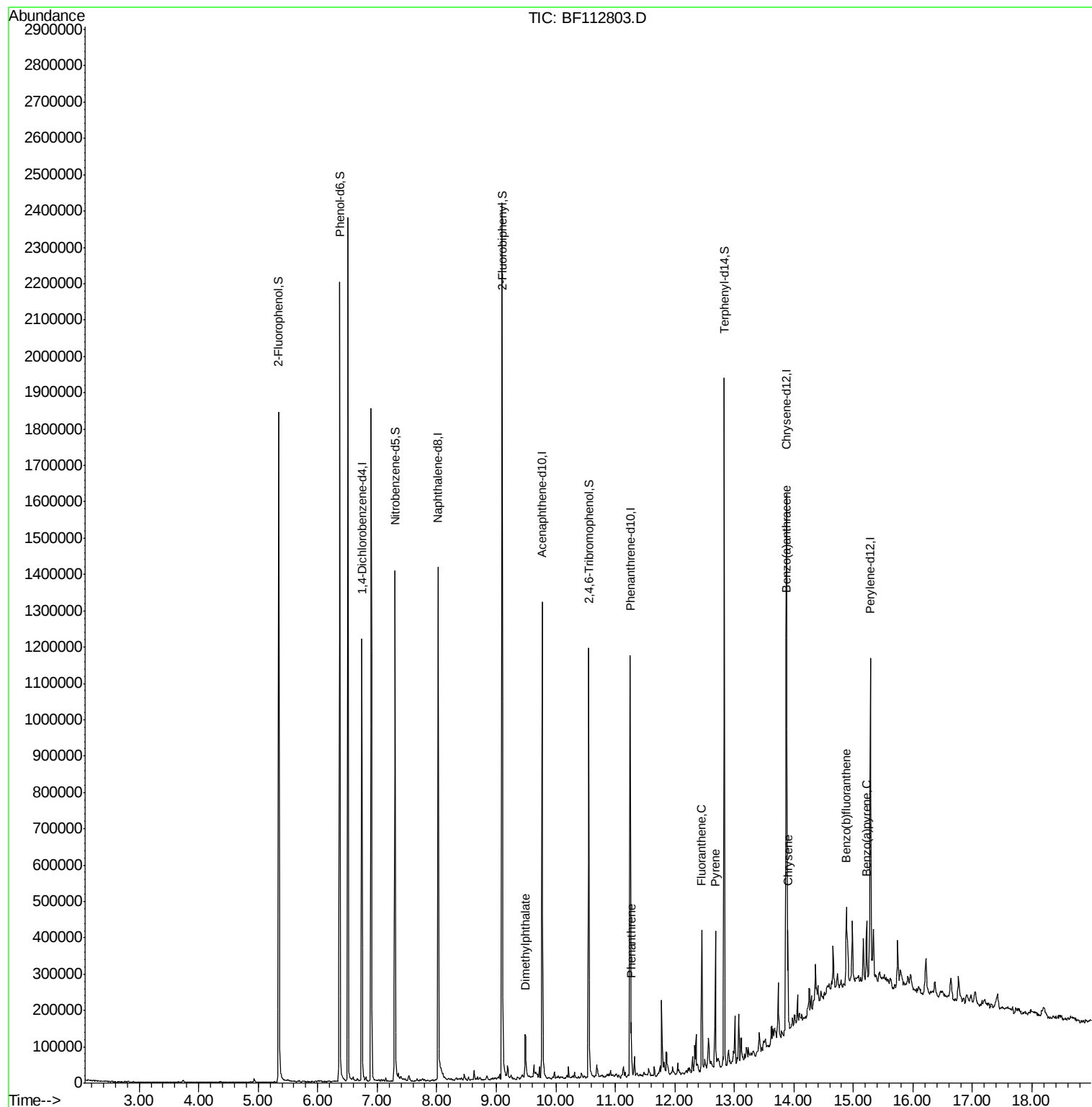
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112803.D
Acq On : 1 Mar 2019 16:49
Operator : JU/SJ
Sample : K1670-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

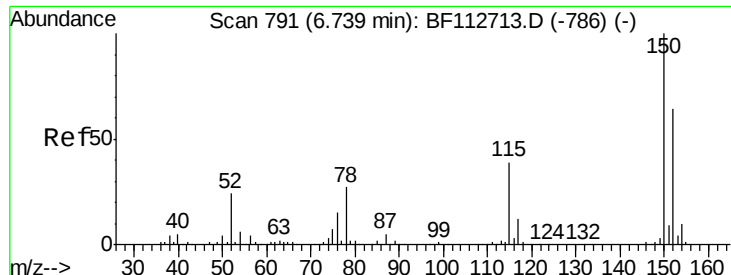
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

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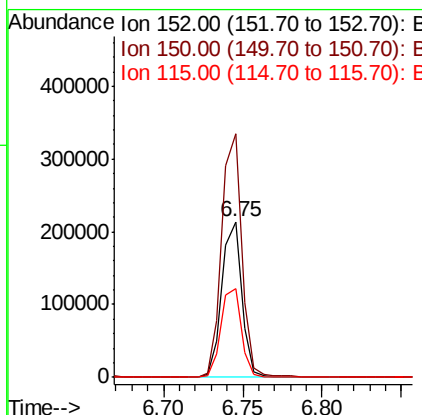
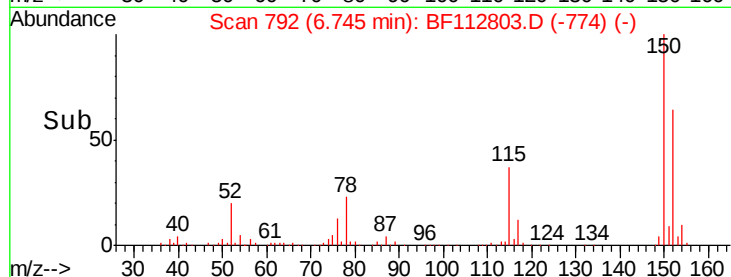
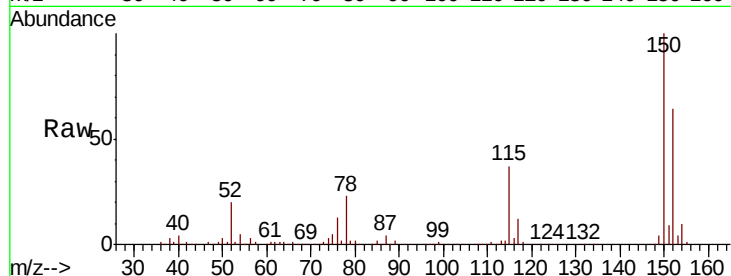
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112803.D
 Acq: 1 Mar 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-032-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	57.3	48.2	72.4

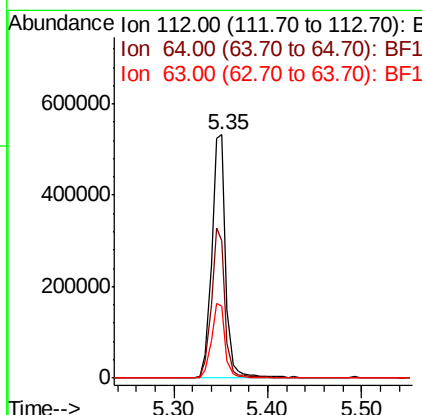
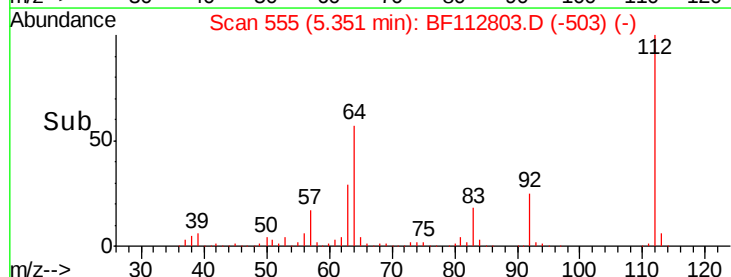
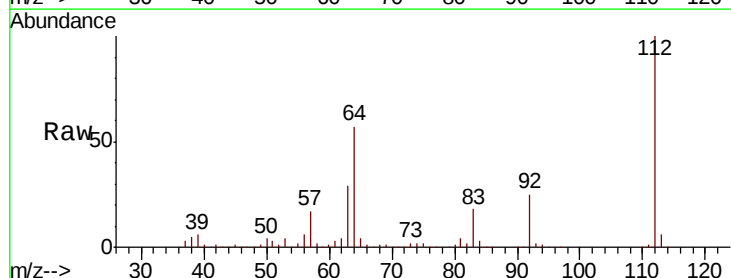
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#5
 2-Fluorophenol
 Concen: 47.105 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF112803.D
 Acq: 1 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.6	71.4
63	29.4	24.4	36.6





#7

Phenol-d6

Concen: 48.918 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Instrument :

BNA_F

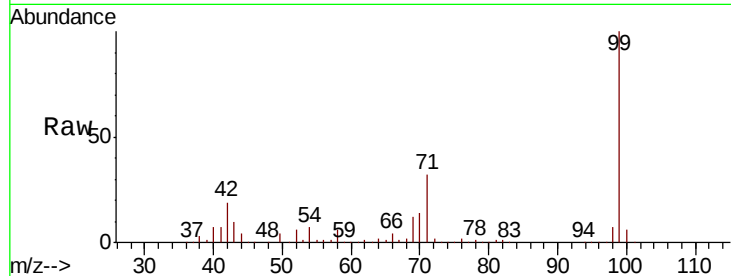
ClientSampleId :

FK-GF-02-032-A

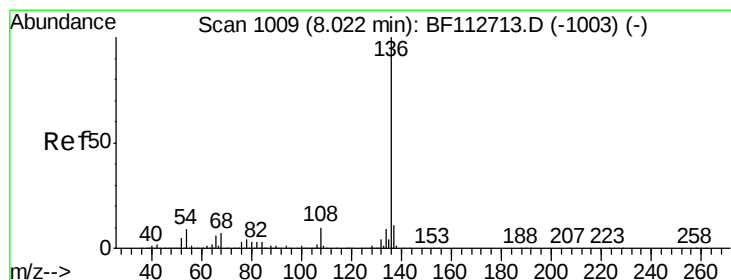
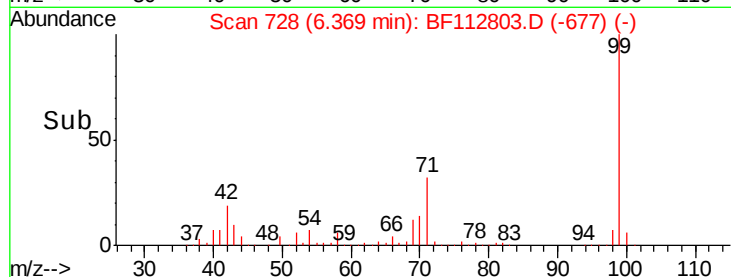
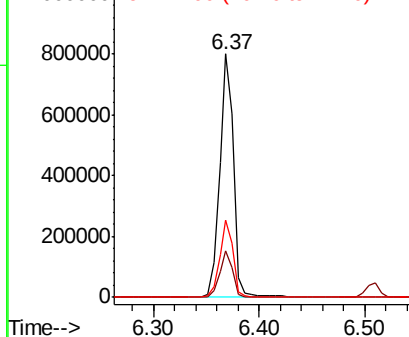
Tot Ion:	99	Resp:	743652
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.3	24.5
71	31.6	26.2	39.4

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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: 8.02 min Scan# 1009

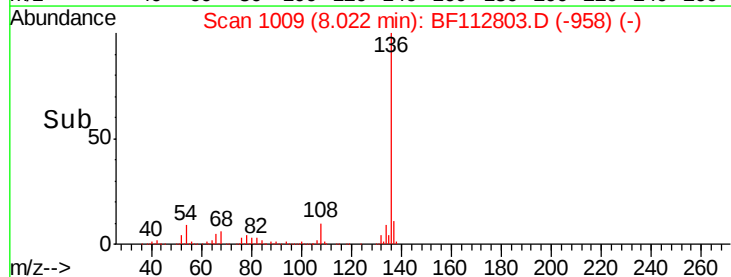
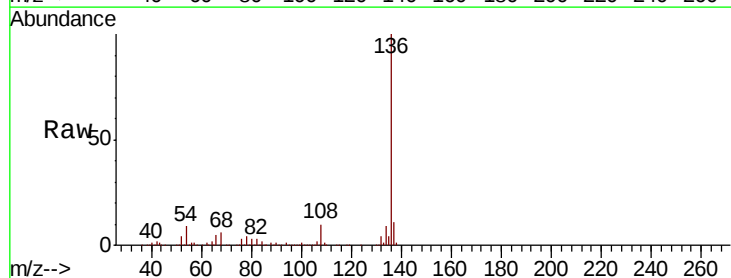
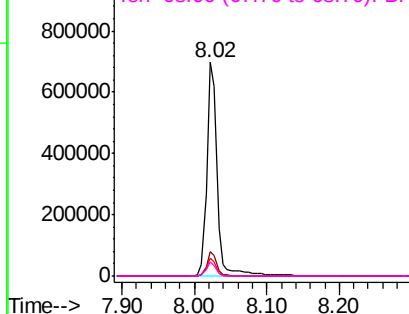
Delta R.T. -0.00 min

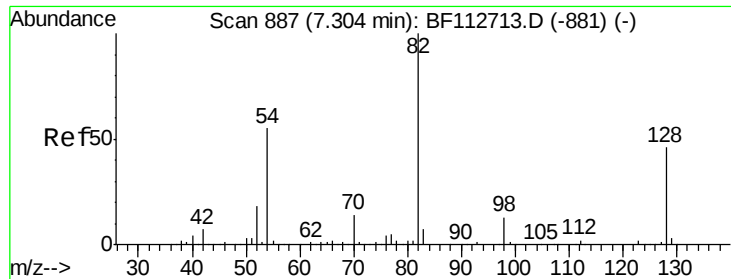
Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Tgt Ion:	136	Resp:	699010
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	8.5	7.3	10.9
68	6.4	5.4	8.2

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





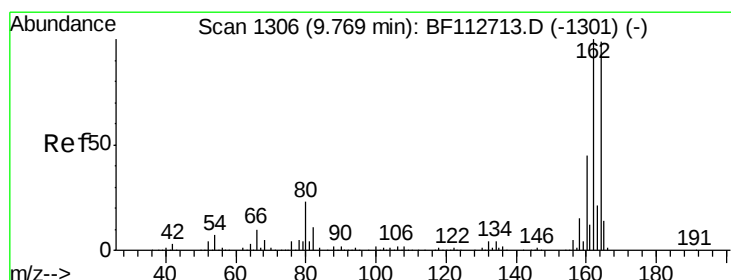
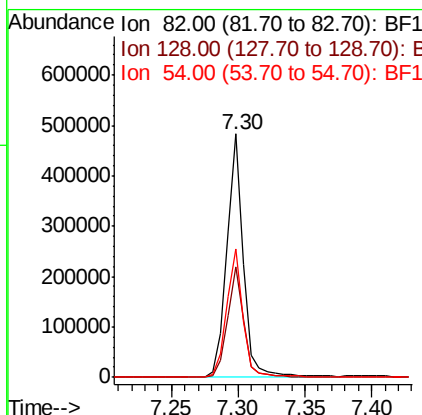
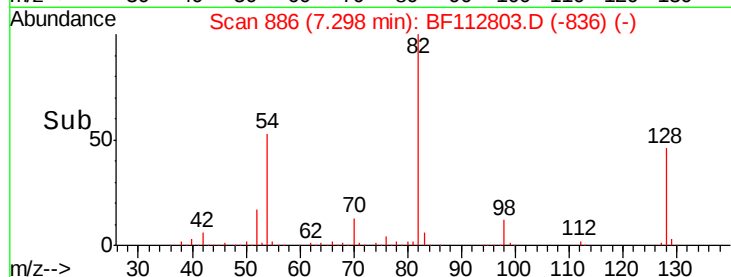
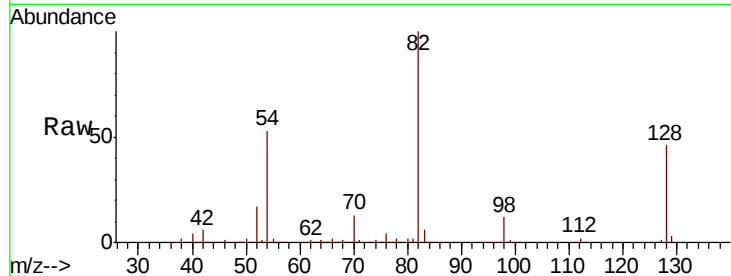
#23
Nitrobenzene-d5
Concen: 36.476 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	52.5	43.7	65.5

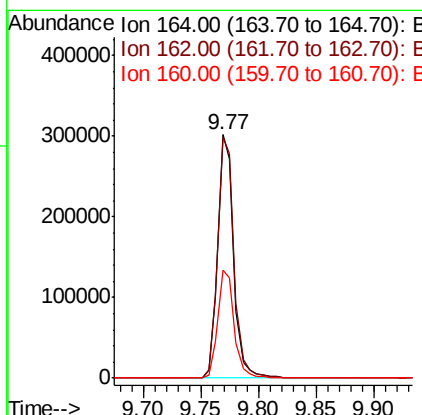
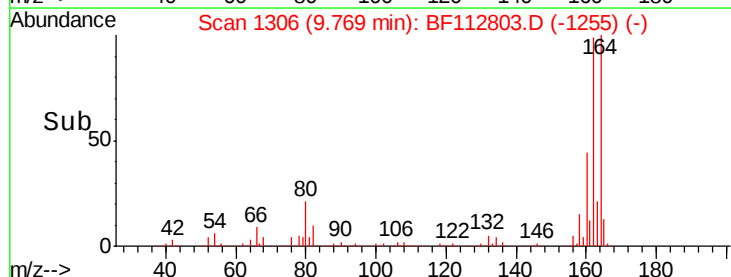
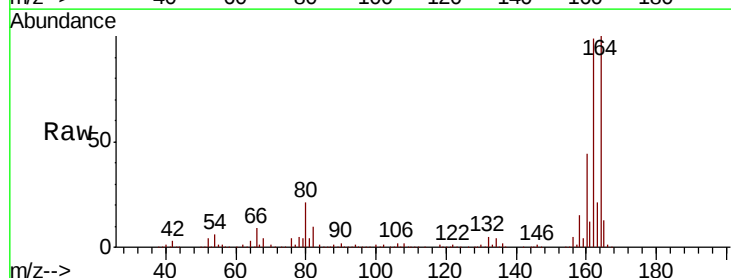
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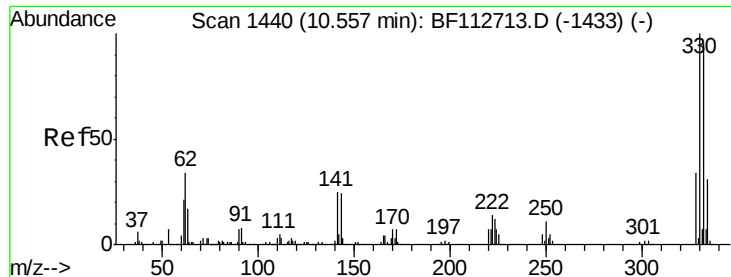
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	80.6	120.8
160	44.3	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 52.171 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Instrument :

BNA_F

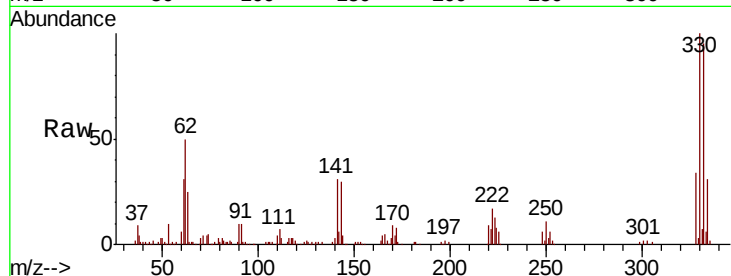
ClientSampleId :

FK-GF-02-032-A

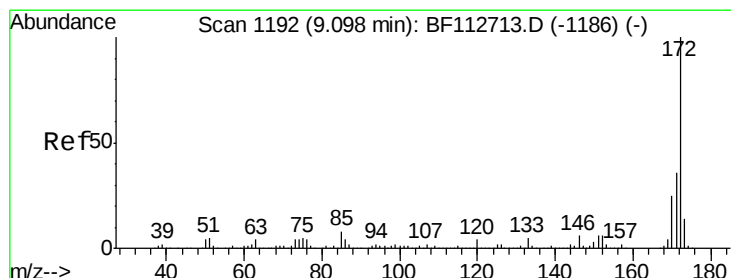
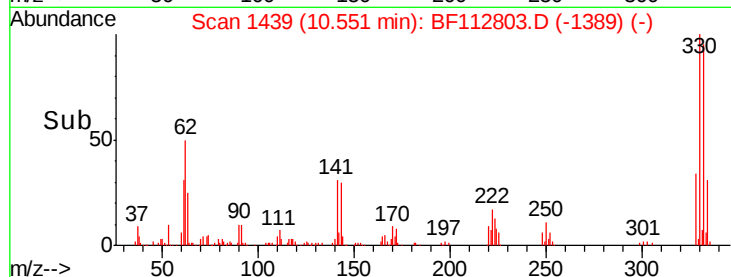
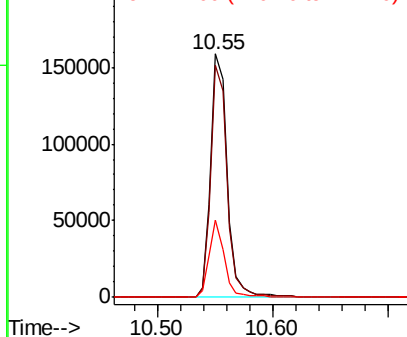
Tot Ion:	330	Resp:	159254
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.2	114.4
141	29.3	27.0	40.6

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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: 36.158 ng

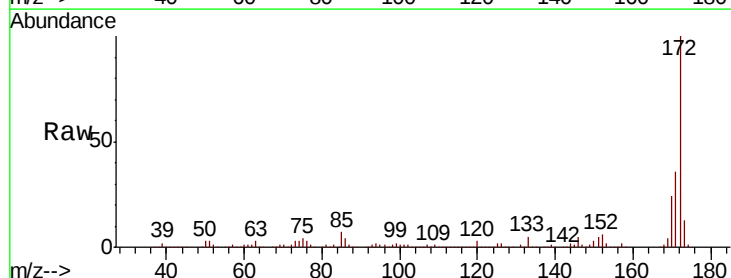
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

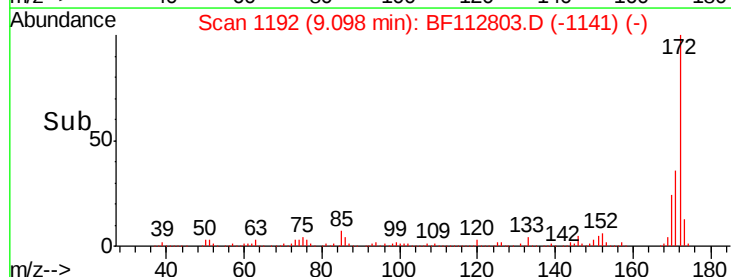
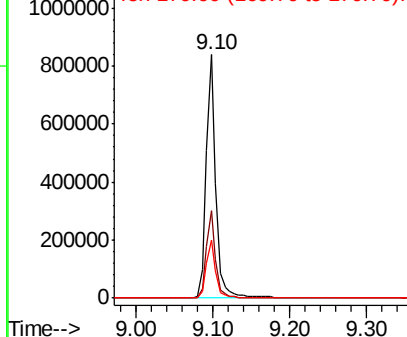
Lab File: BF112803.D

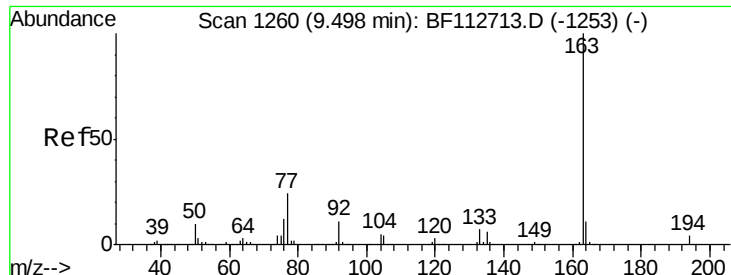
Acq: 1 Mar 2019 16:49

Tgt Ion:	172	Resp:	733849
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.0	43.4
170	23.7	20.0	30.0



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: 2.558 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Instrument :

BNA_F

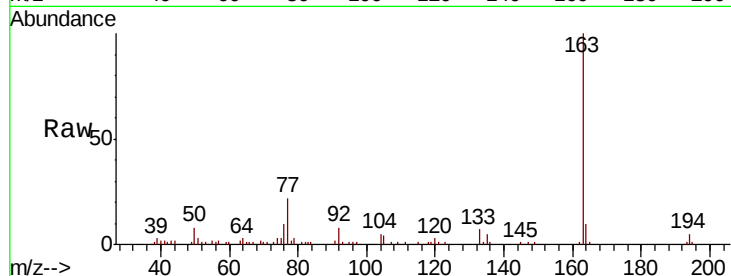
ClientSampleId :

FK-GF-02-032-A

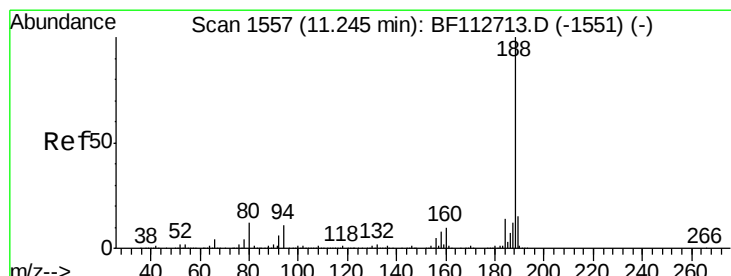
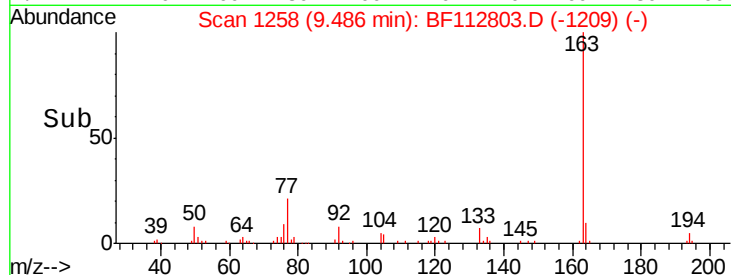
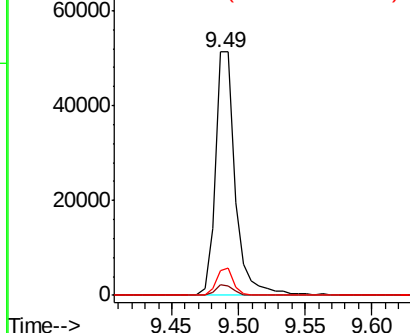
Tot Ion:	163	Resp:	54237
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.0	4.4#
164	10.3	8.4	12.6

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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

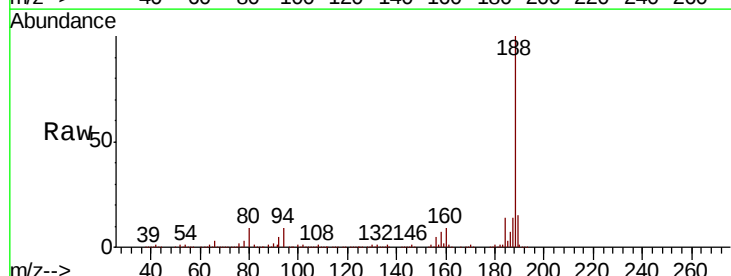
RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

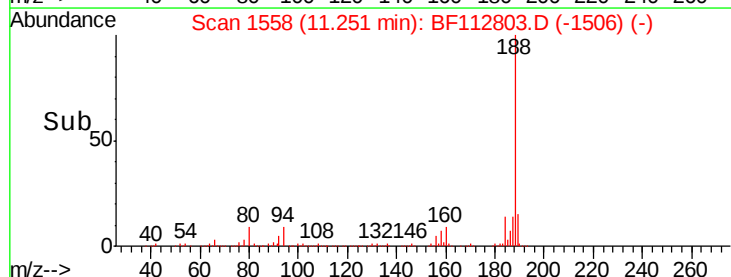
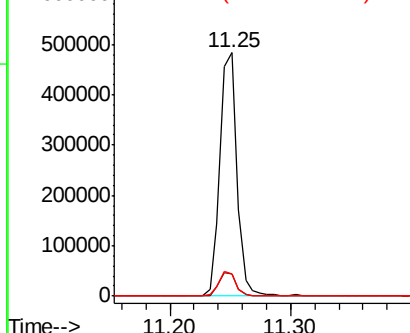
Lab File: BF112803.D

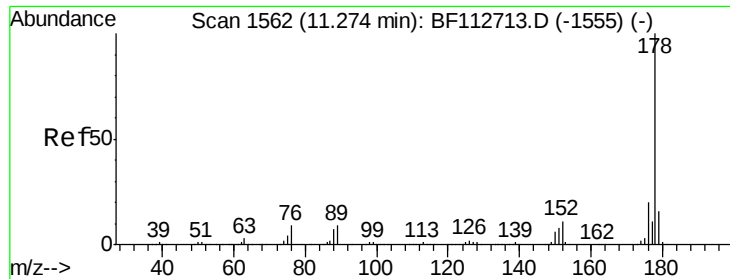
Acq: 1 Mar 2019 16:49

Tgt Ion:	188	Resp:	469097
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.0	13.4
80	9.2	9.2	13.8#



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





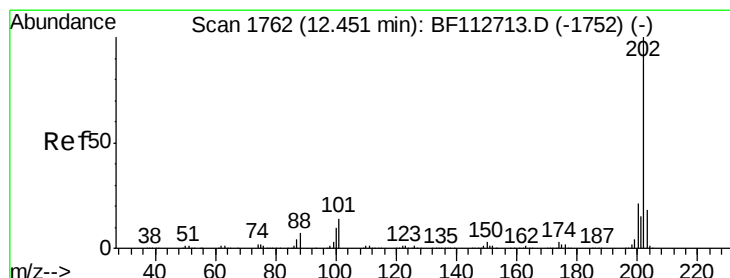
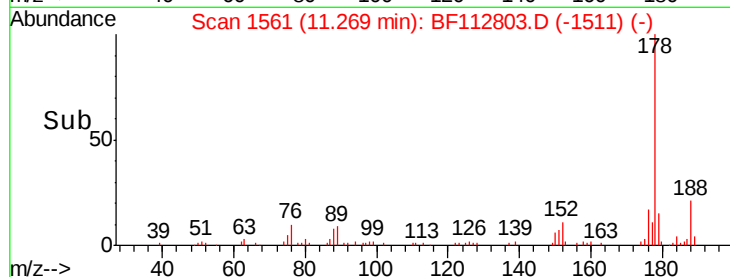
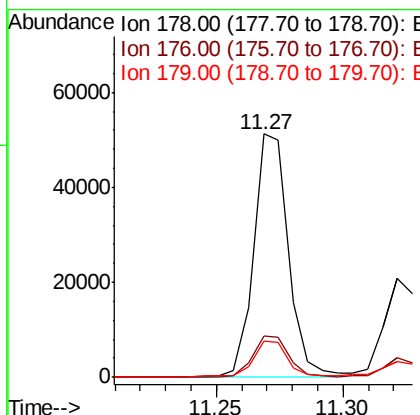
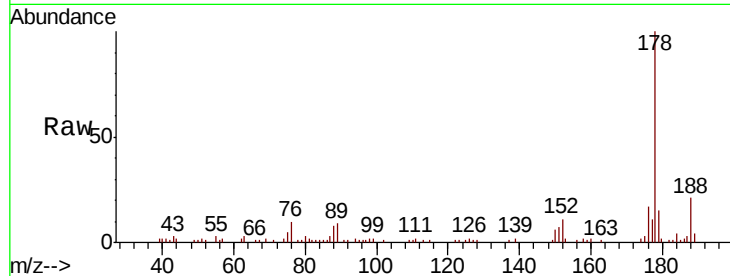
#71
Phenanthrene
Concen: 2.102 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.3	24.5
179	15.1	12.7	19.1

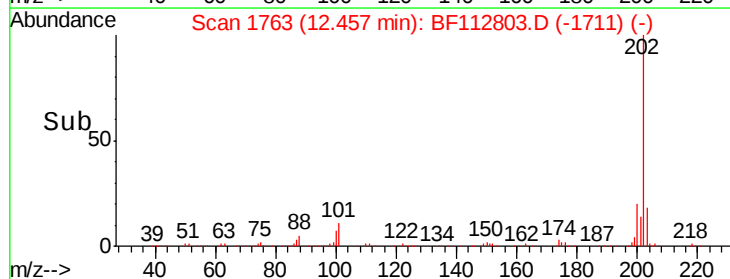
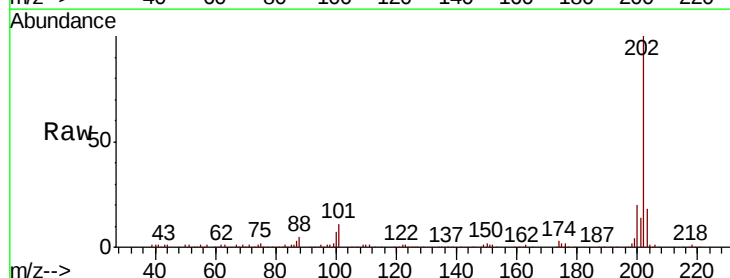
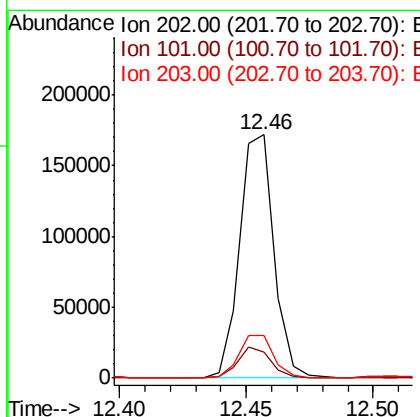
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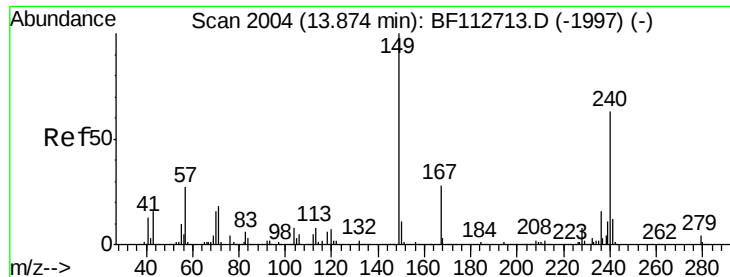
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#75
Fluoranthene
Concen: 6.454 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.8
203	17.6	0.0	38.4





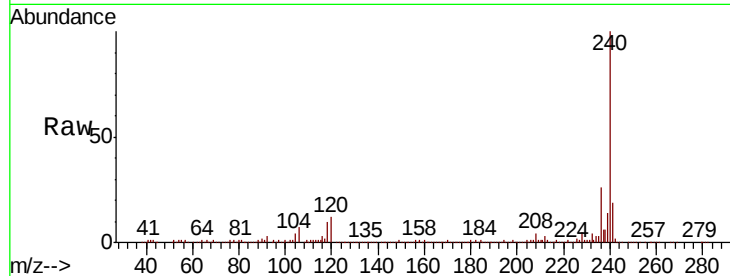
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	25.7	20.7	31.1

Manual Integrations
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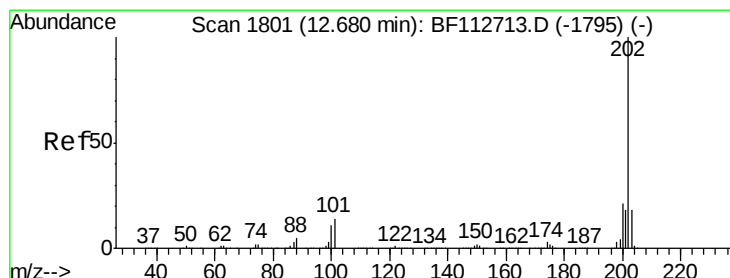
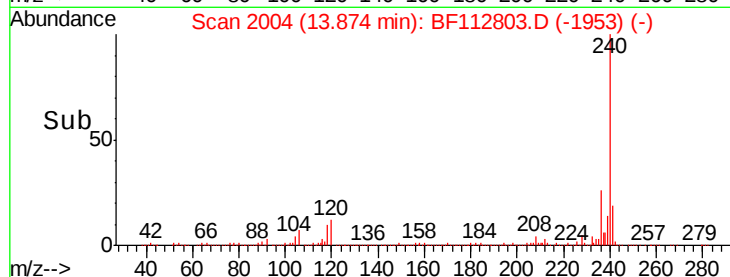
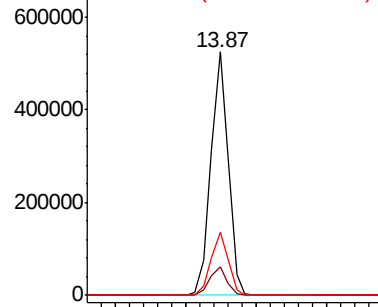


Abundance

Ion 240.00 (239.70 to 240.70): E

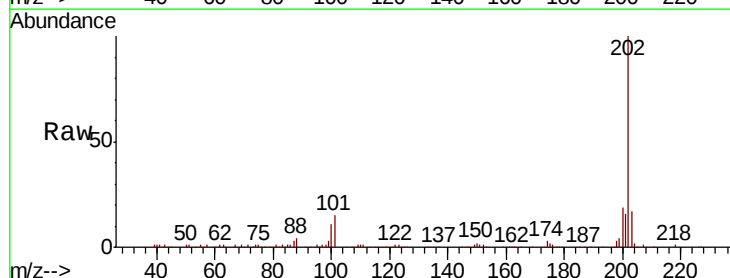
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 3.799 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	17.0	25.4
203	17.3	14.4	21.6

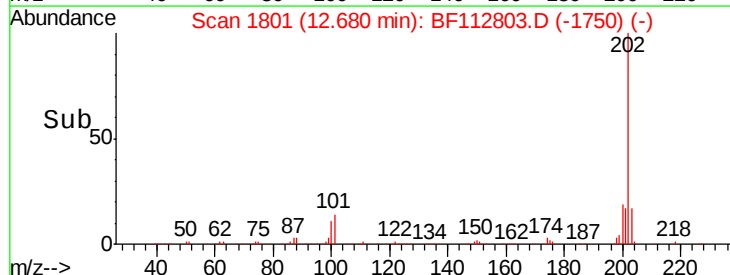
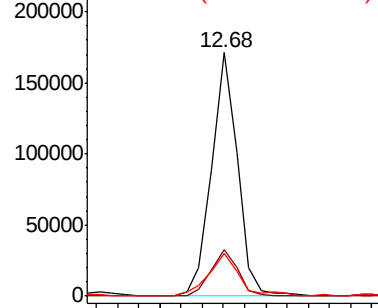


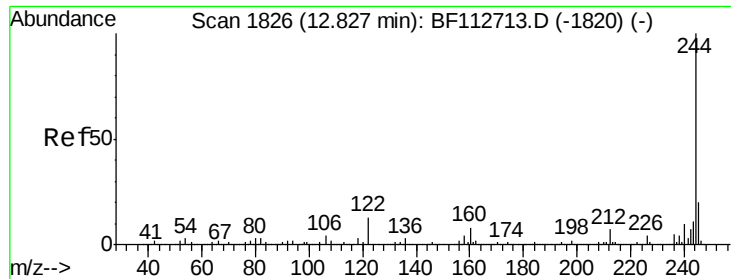
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





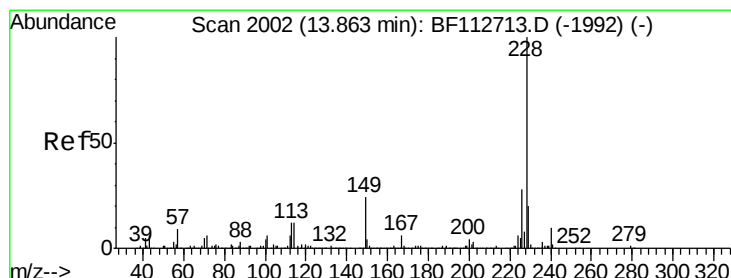
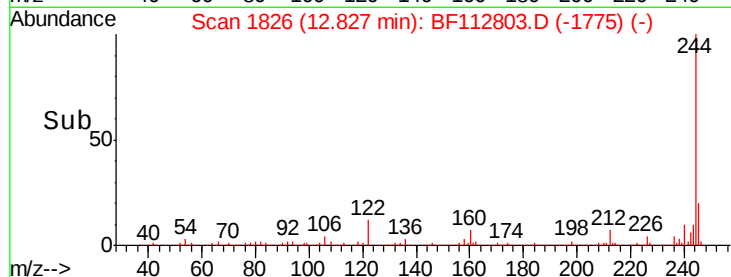
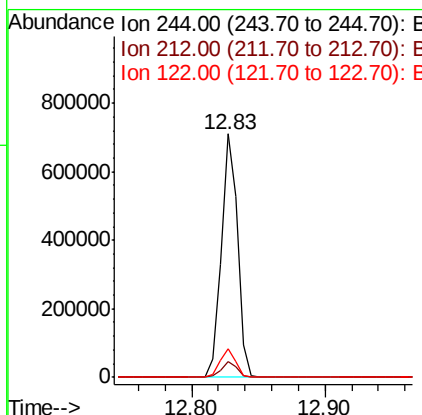
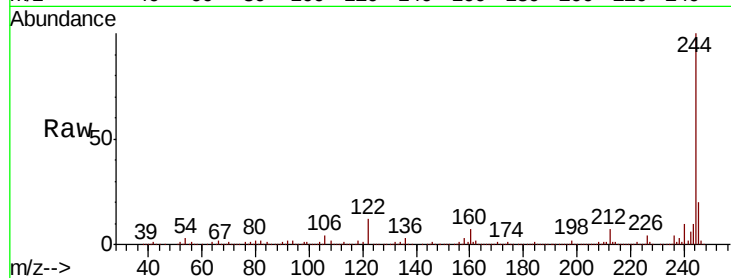
#79
 Terphenyl-d14
 Concen: 26.176 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF112803.D
 Acq: 1 Mar 2019 16:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-032-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.9	10.5	15.7

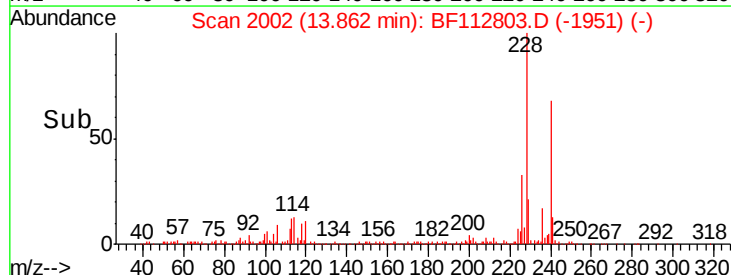
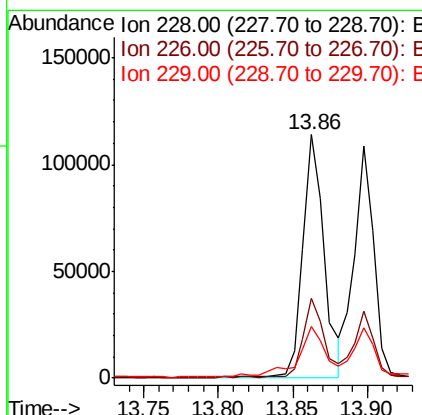
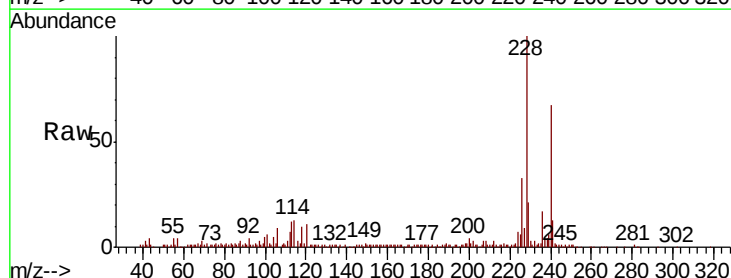
Manual Integrations
 APPROVED

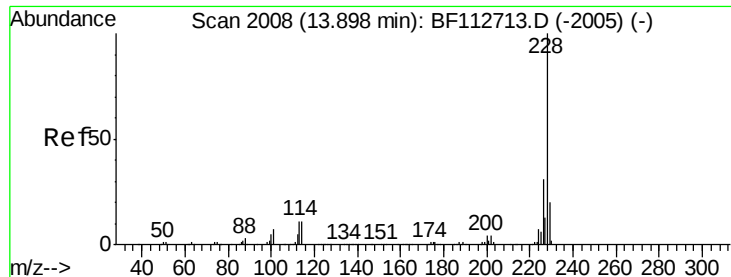
Sohil
 3/4/2019 4:55:30 PM



#81
 Benzo(a)anthracene
 Concen: 3.669 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF112803.D
 Acq: 1 Mar 2019 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.2	33.4
229	21.1	16.0	24.0





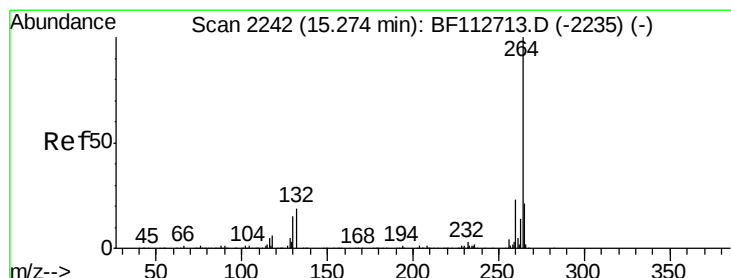
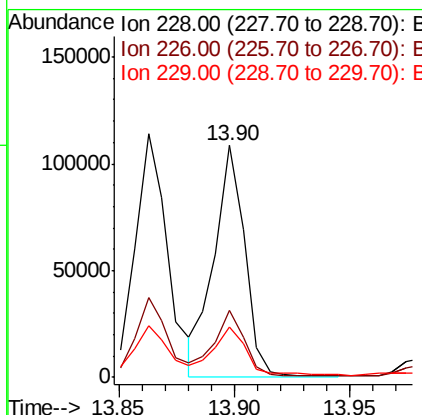
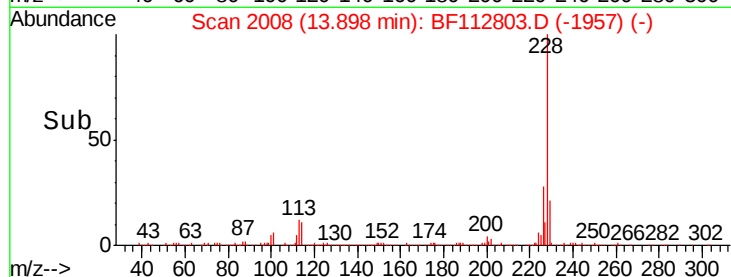
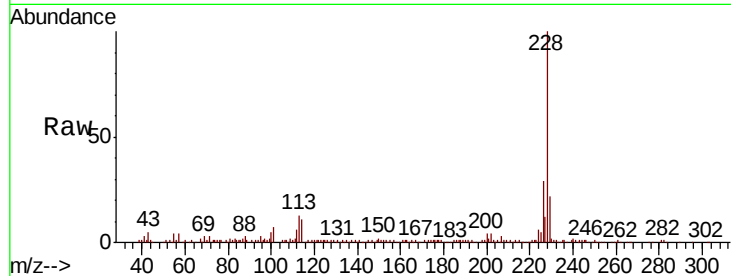
#83
Chrysene
Concen: 3.270 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-032-A

Tot Ion:228	Resp:	100361
Ion Ratio	Lower	Upper
228	100	
226	28.8	24.9 37.3
229	21.6	16.3 24.5

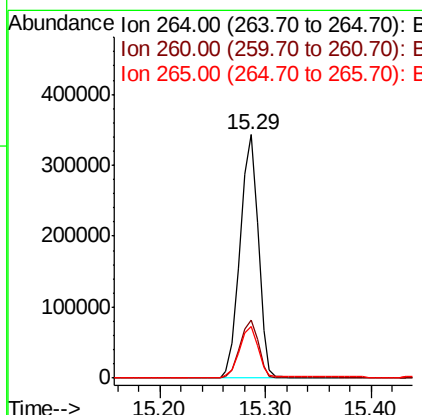
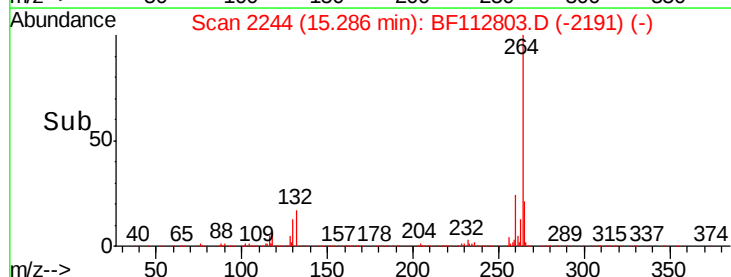
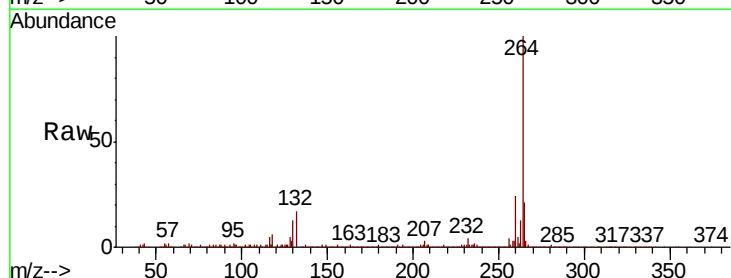
Manual Integrations
APPROVED

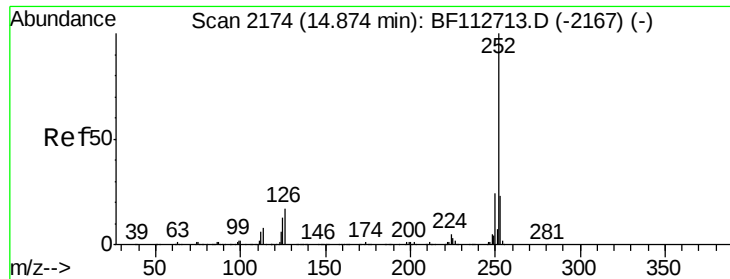
Sohil
3/4/2019 4:55:30 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF112803.D
Acq: 1 Mar 2019 16:49

Tgt Ion:264	Resp:	405701
Ion Ratio	Lower	Upper
264	100	
260	23.9	18.7 28.1
265	21.3	17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 4.575 ng

RT: 14.88 min Scan# 2175

Delta R.T. 0.01 min

Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Instrument :

BNA_F

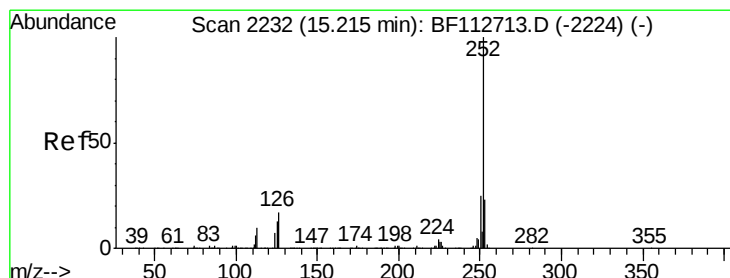
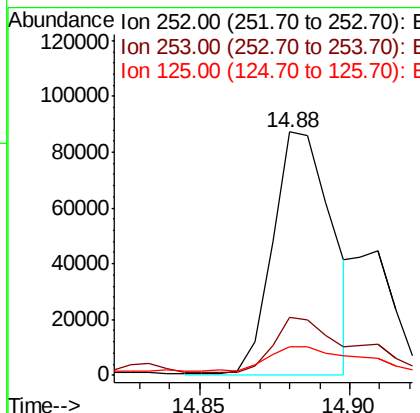
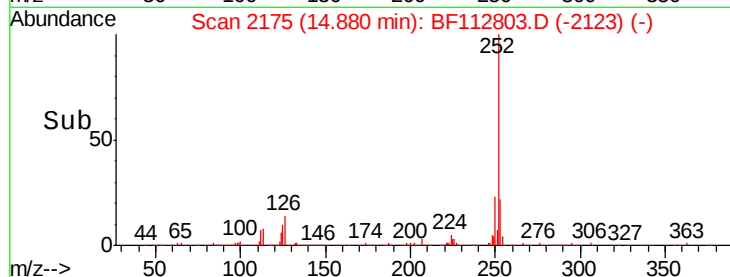
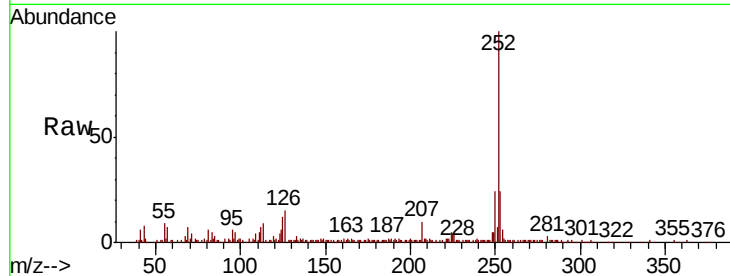
ClientSampleId :

FK-GF-02-032-A

Tot Ion:	252	Resp:	120054
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	11.8	10.2	15.2

Manual Integrations
APPROVED

Sohil
3/4/2019 4:55:30 PM



#90

Benzo(a)pyrene

Concen: 3.078 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF112803.D

Acq: 1 Mar 2019 16:49

Tgt Ion:	252	Resp:	71433
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.0	27.0
125	14.7	10.7	16.1

