

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113132.D
 Acq On : 19 Mar 2019 18:18
 Operator : JU/SJ
 Sample : K1951-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-006-B

Manual Integrations
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Sohil
 3/20/2019 6:51:24 PM

Quant Time: Mar 20 02:20:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	151599	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	552777	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	251371	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	430185	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	314307	20.00	ng	0.00
87) Perylene-d12	15.27	264	258465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1000711	102.68	ng	0.00
7) Phenol-d6	6.37	99	1331800	108.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	708789	76.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	302261	113.26	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1242589	80.85	ng	-0.01
79) Terphenyl-d14	12.82	244	1013555	62.51	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.47	163	108278	5.842	ng	Qvalue 100
58) Fluorene	10.30	166	35096	2.141	ng	95
71) Phenanthrene	11.26	178	197792	9.241	ng	98
72) Anthracene	11.31	178	46903	2.093	ng	97
75) Fluoranthene	12.44	202	214424	9.351	ng	95
78) Pyrene	12.67	202	202295	7.635	ng	98
81) Benzo(a)anthracene	13.85	228	84598	3.884	ng	98
83) Chrysene	13.89	228	77792	3.646	ng	97
88) Benzo(b)fluoranthene	14.87	252	82200m	4.917	ng	
90) Benzo(a)pyrene	15.22	252	55405	3.747	ng	97
92) Benzo(g,h,i)perylene	17.04	276	27586	2.177	ng	# 91

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

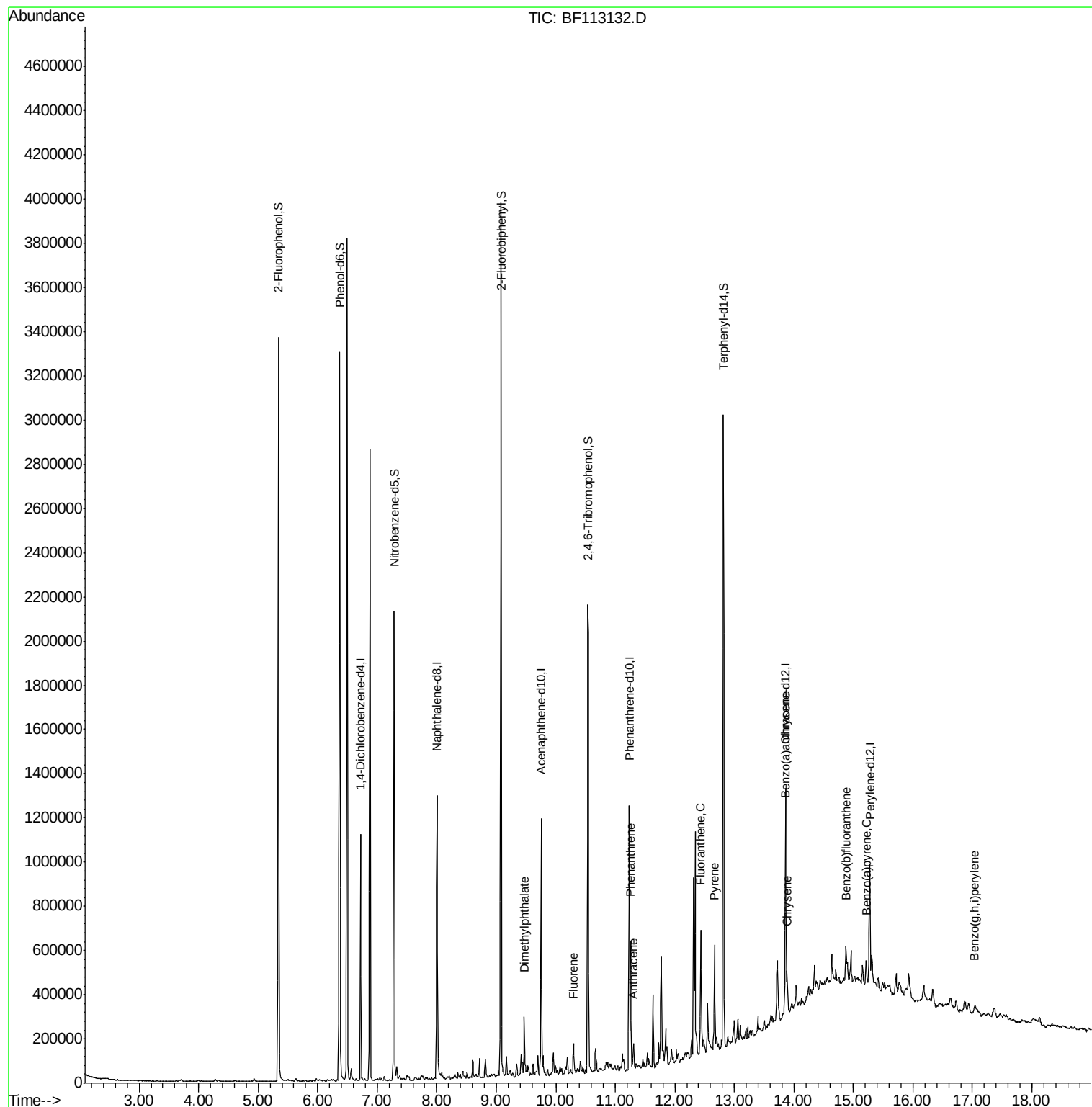
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113132.D
Acq On : 19 Mar 2019 18:18
Operator : JU/SJ
Sample : K1951-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

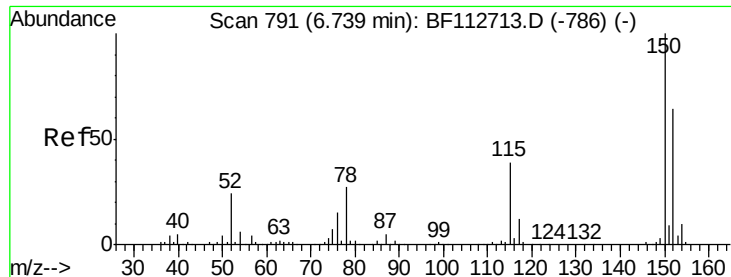
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

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#1

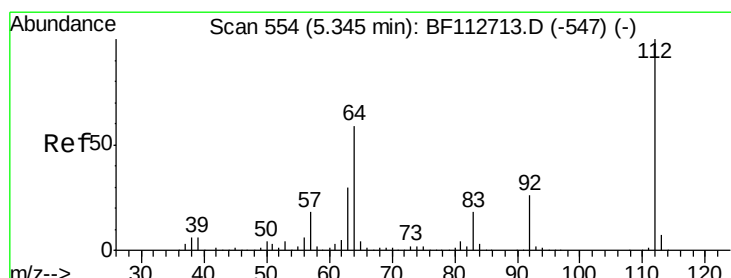
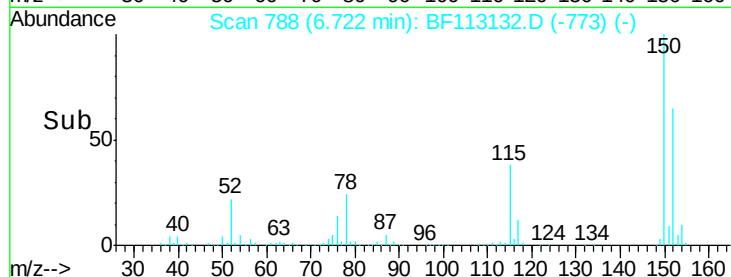
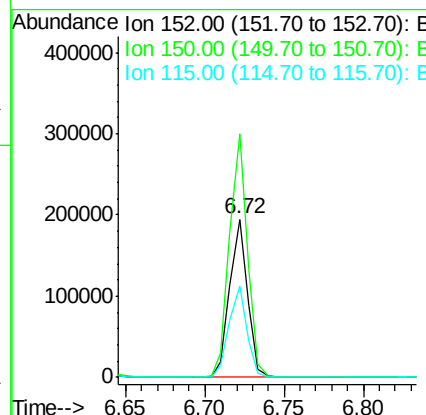
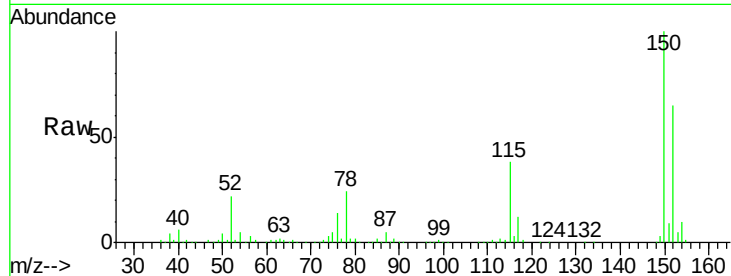
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	58.0	48.2	72.4

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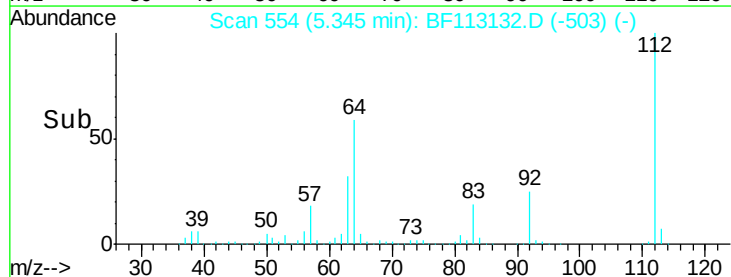
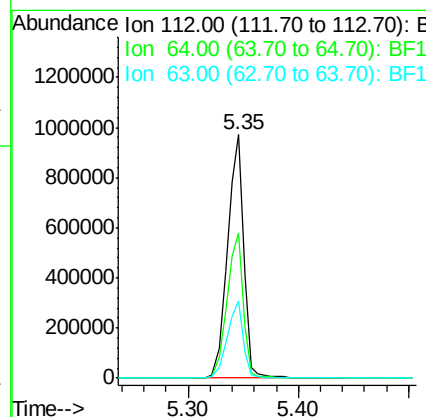
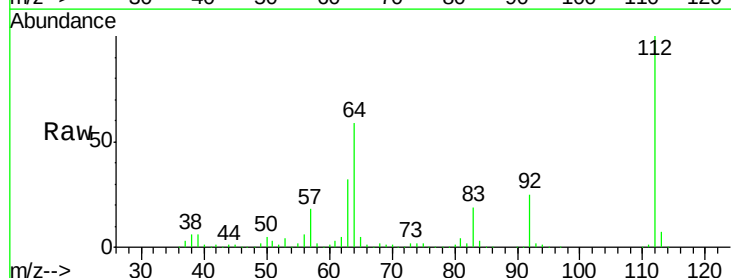
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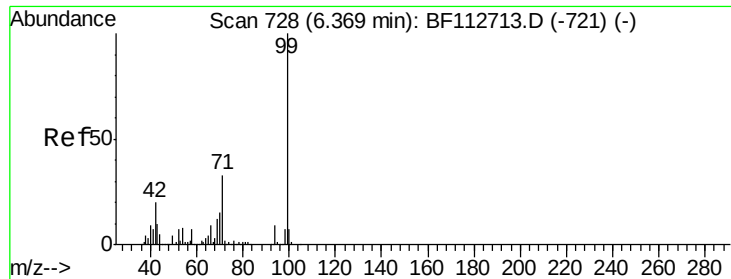


#5

2-Fluorophenol
Concen: 102.682 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	31.5	24.4	36.6





#7

Phenol-d6

Concen: 108.787 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-006-B

Tgt Ion: 99 Resp: 1331800

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

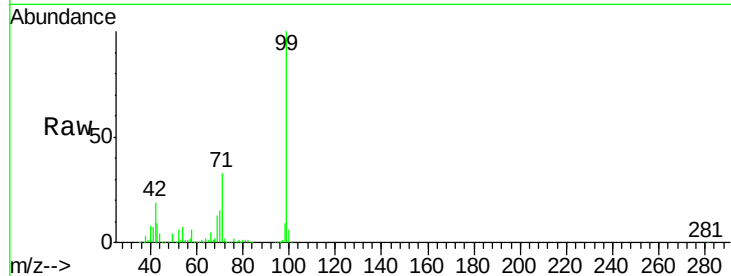
71 32.6 26.2 39.4

Manual Integrations

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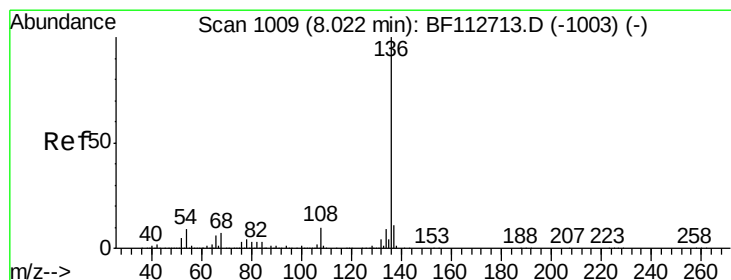
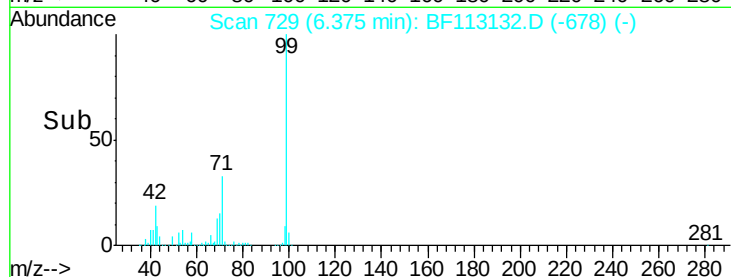
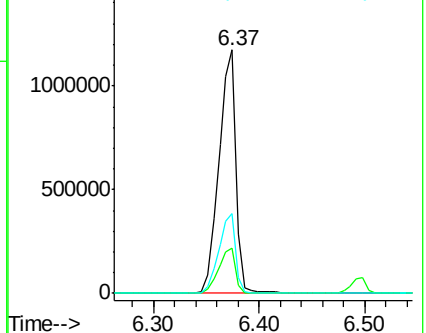
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Tgt Ion: 136 Resp: 552777

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.3 10.9

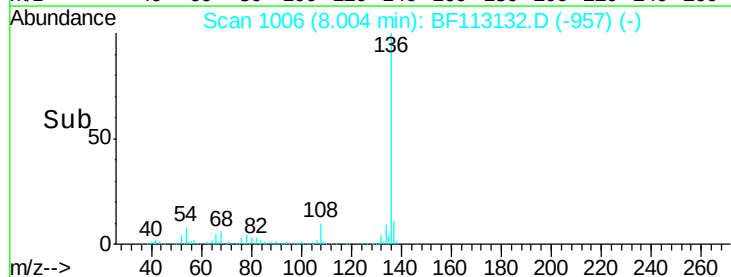
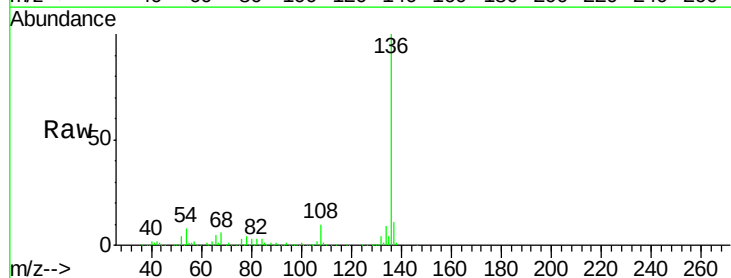
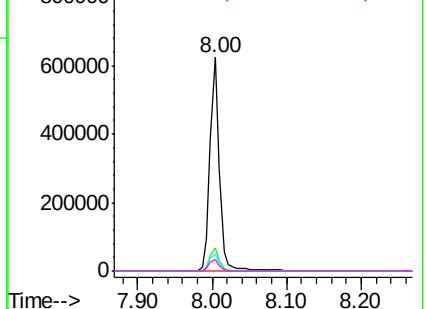
68 5.7 5.4 8.2

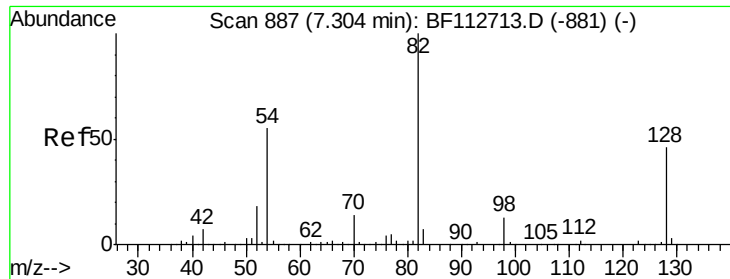
Abundance Ion 136.00 (135.70 to 136.70): E

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





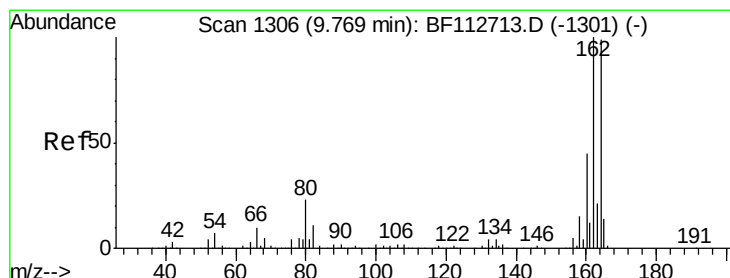
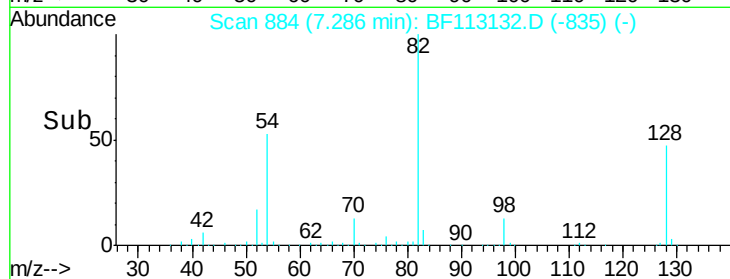
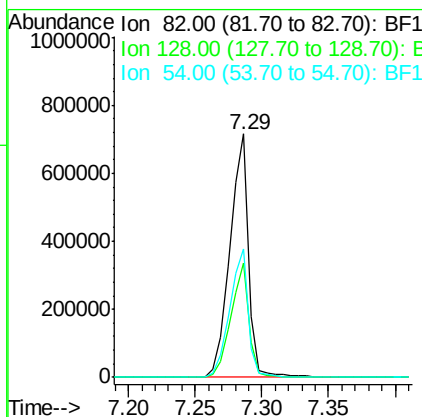
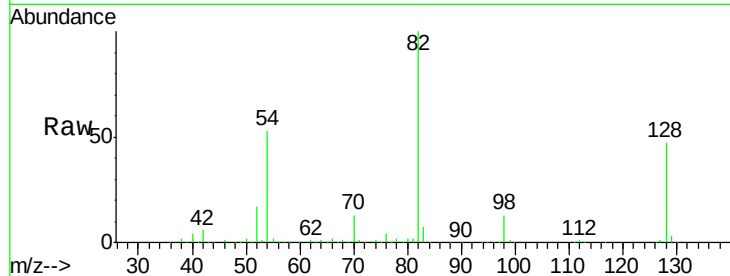
#23
 Nitrobenzene-d5
 Concen: 76.726 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113132.D
 Acq: 19 Mar 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-006-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	46.9	36.3	54.5
54	52.8	43.7	65.5

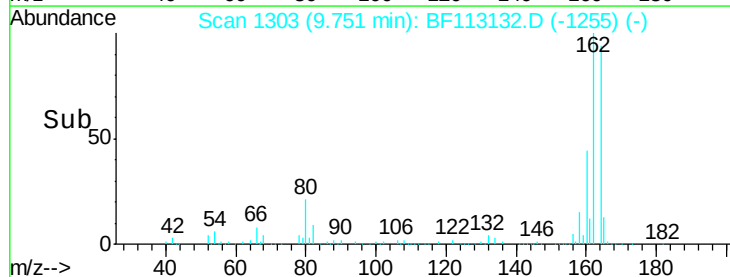
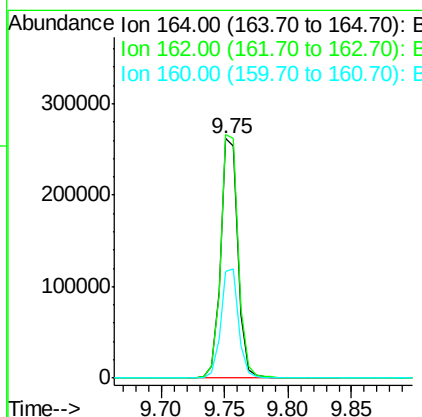
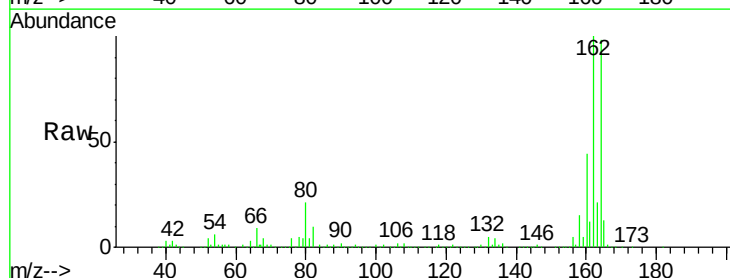
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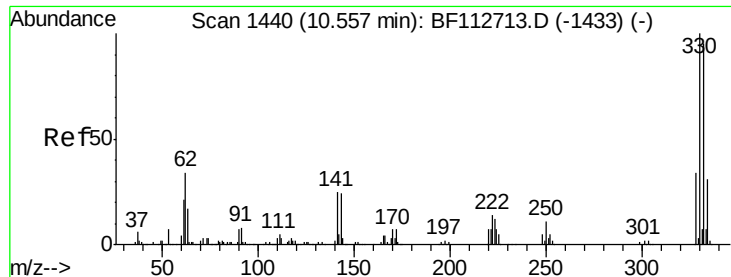
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF113132.D
 Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	101.7	80.6	120.8
160	44.6	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 113.265 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Instrument :

BNA_F

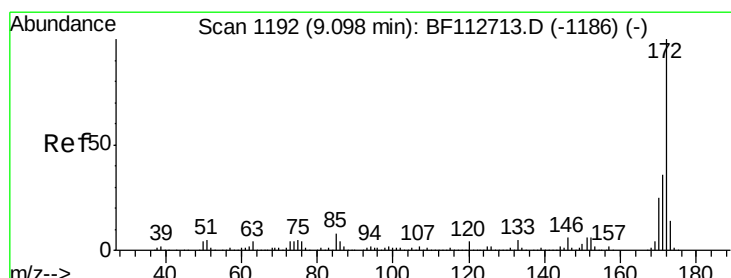
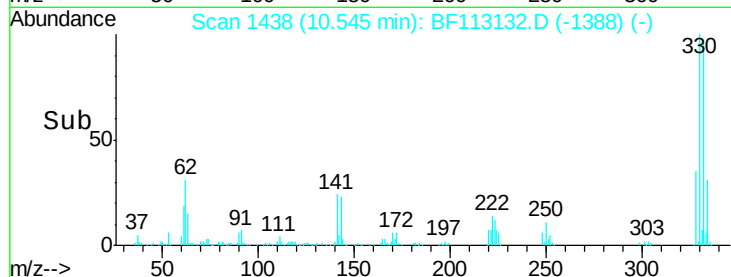
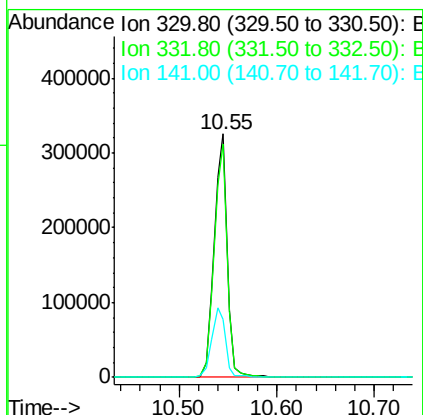
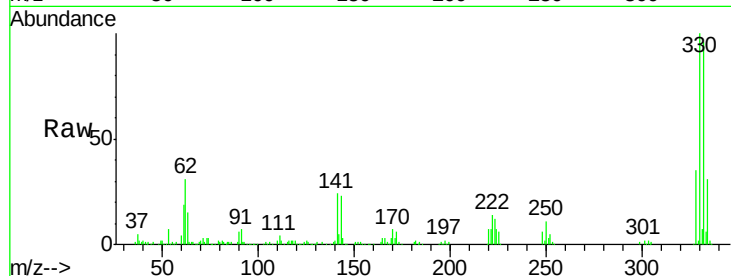
ClientSampleId :

FK-GF-03-006-B

Tgt Ion:	330	Resp:	302261
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.2	114.4
141	30.3	27.0	40.6

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#45

2-Fluorobiphenyl

Concen: 80.851 ng

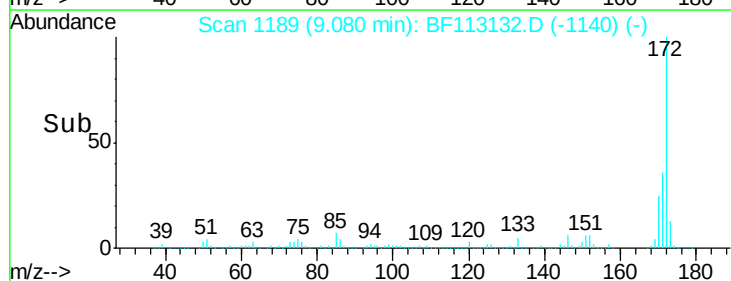
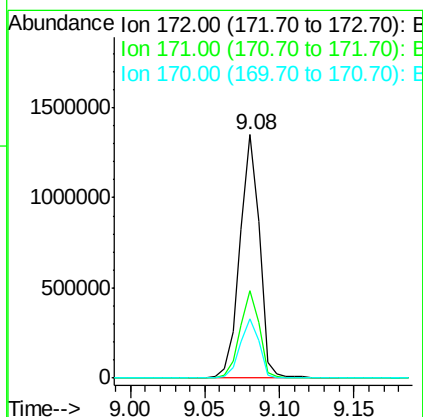
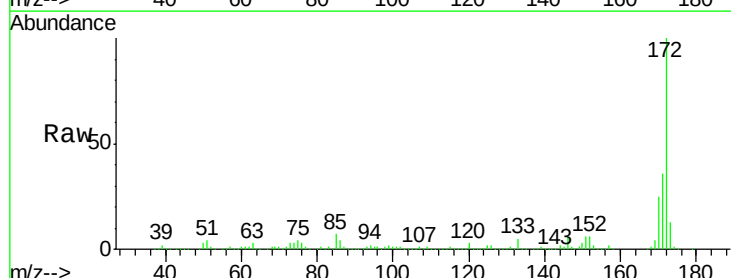
RT: 9.08 min Scan# 1189

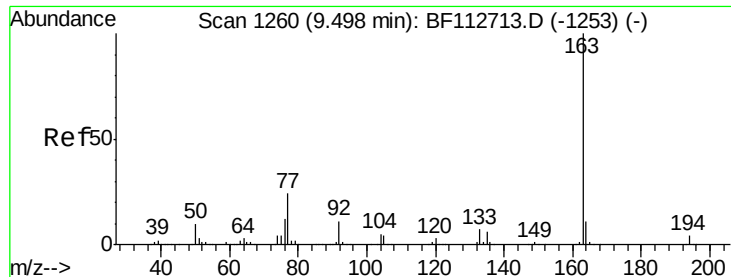
Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Tgt Ion:	172	Resp:	1242589
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.4
170	24.5	20.0	30.0





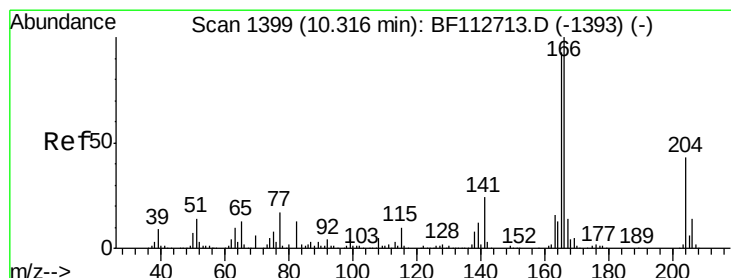
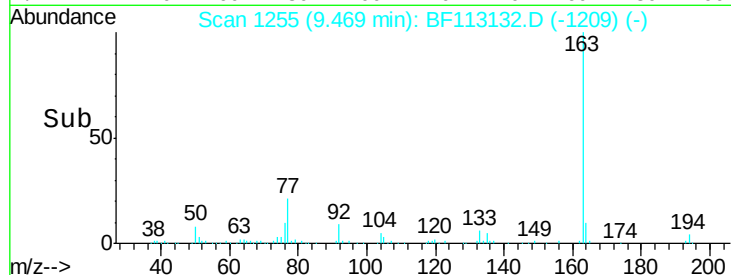
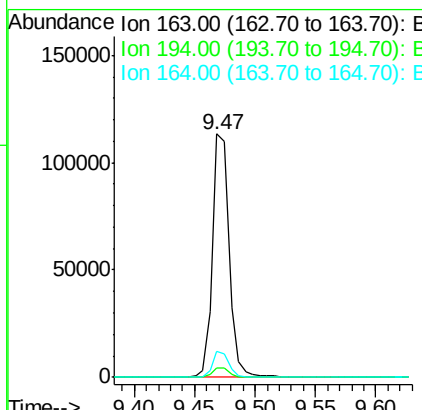
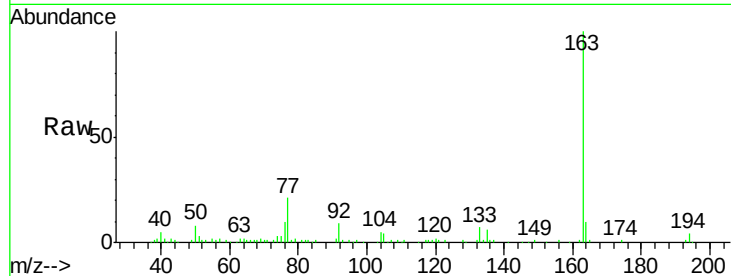
#50
Dimethylphthalate
Concen: 5.842 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.03 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.5	8.4	12.6

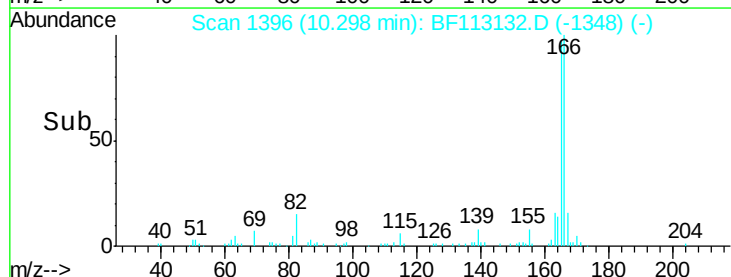
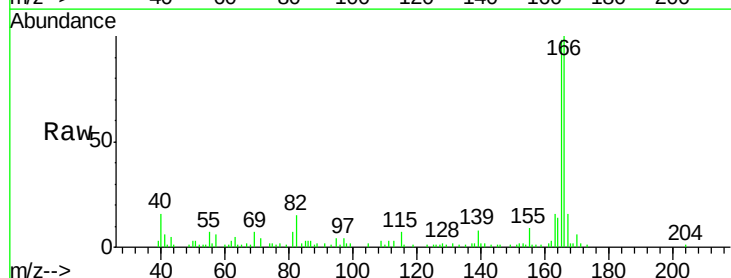
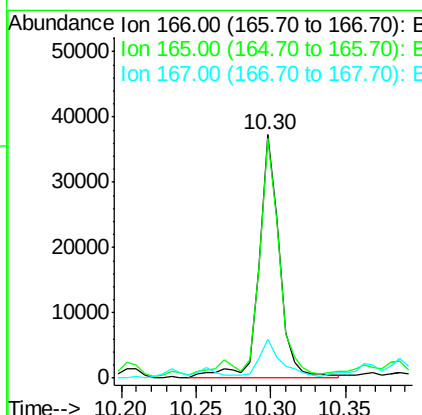
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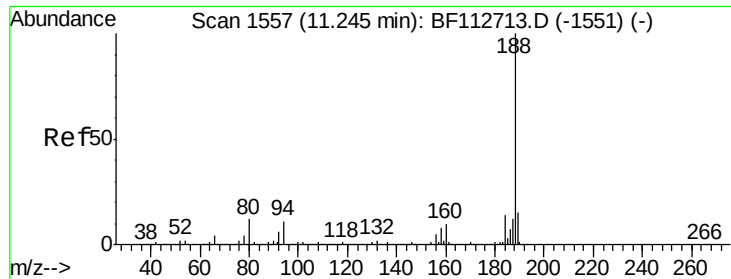
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#58
Fluorene
Concen: 2.141 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	74.7	112.1
167	16.2	11.0	16.6





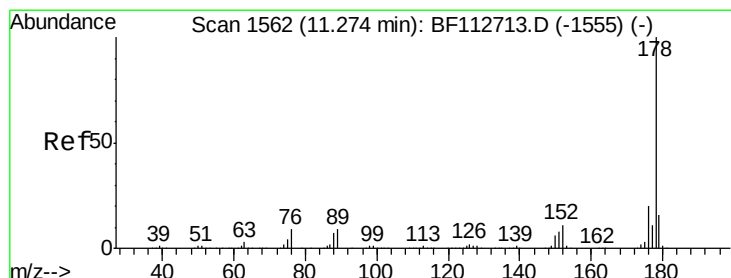
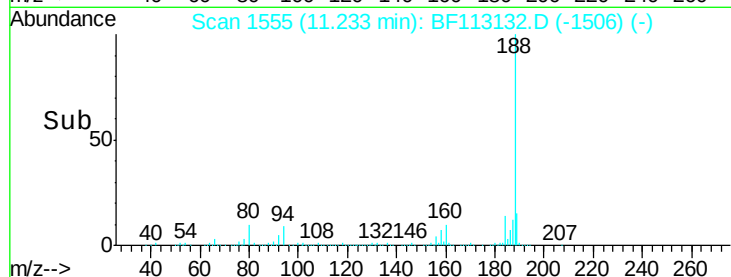
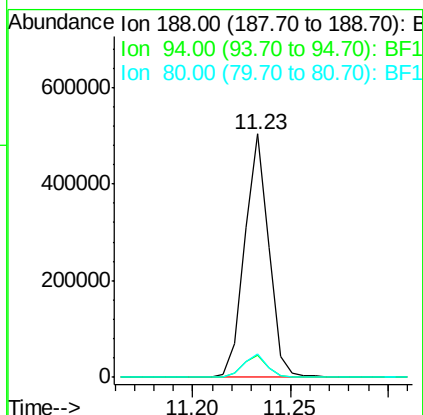
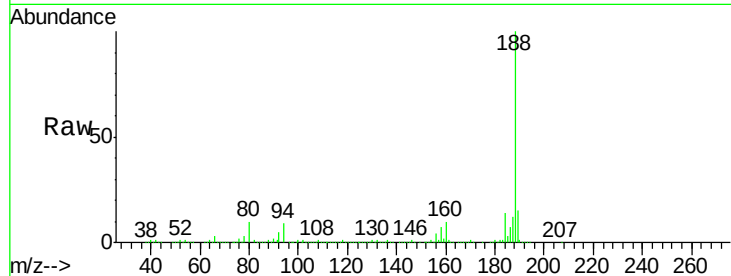
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	9.0	13.4
80	9.5	9.2	13.8

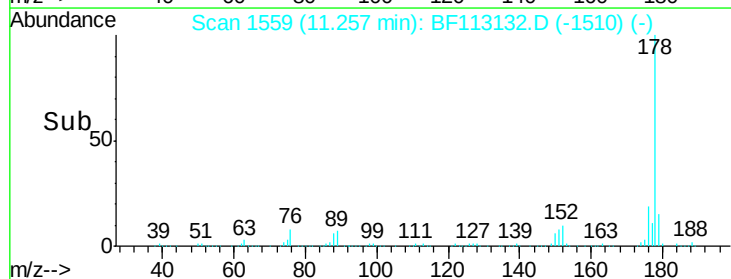
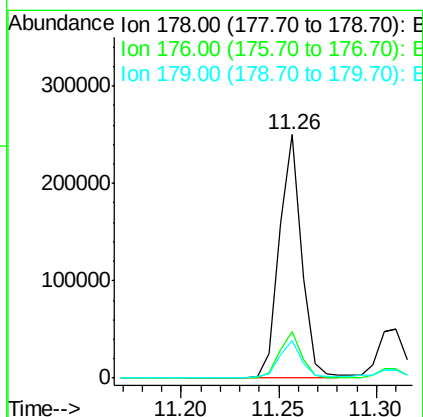
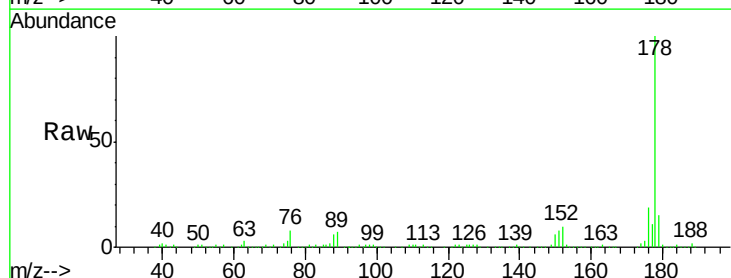
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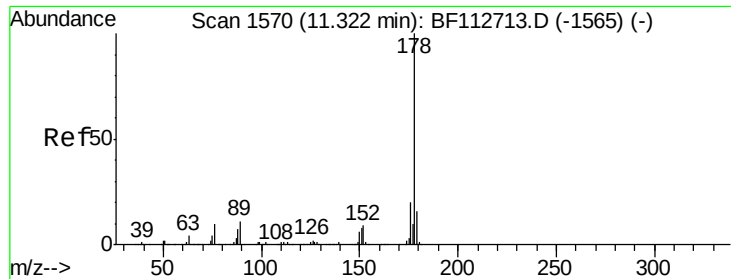
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#71
Phenanthrene
Concen: 9.241 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.3	24.5
179	15.4	12.7	19.1





#72

Anthracene

Concen: 2.093 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Instrument :

BNA_F

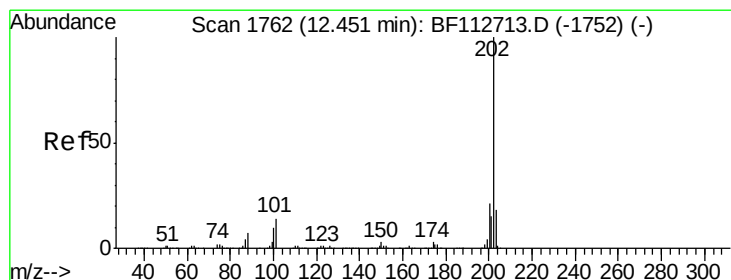
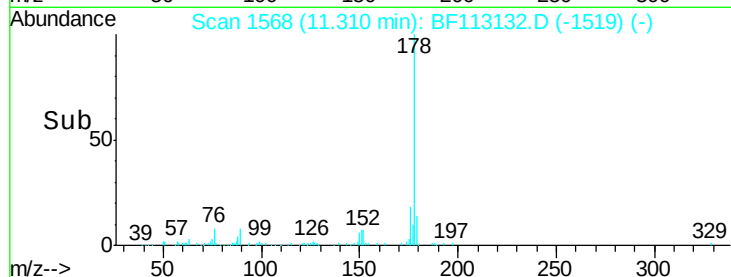
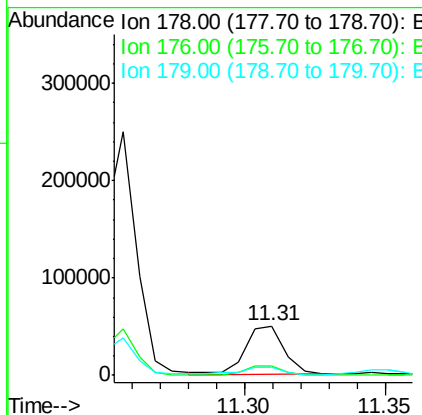
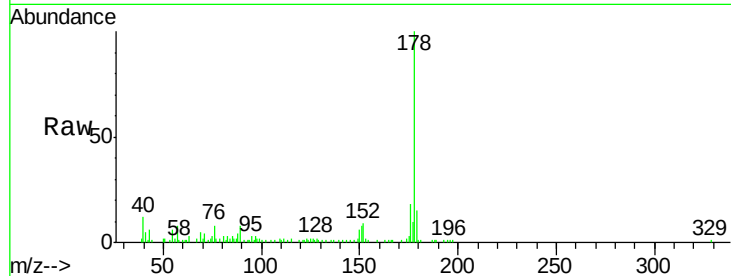
ClientSampleId :

FK-GF-03-006-B

Tgt Ion:	178	Resp:	46903
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.8	23.6
179	15.2	13.0	19.6

Manual Integrations
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#75

Fluoranthene

Concen: 9.351 ng

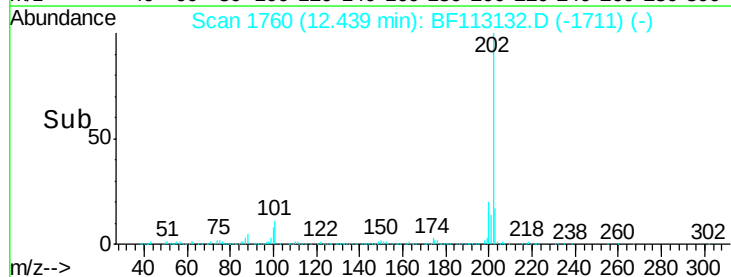
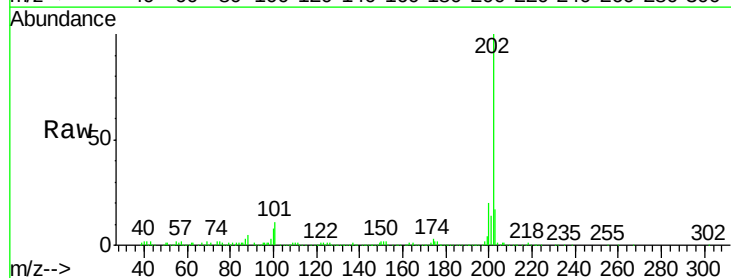
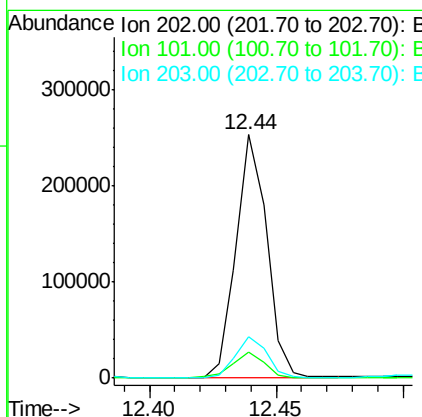
RT: 12.44 min Scan# 1760

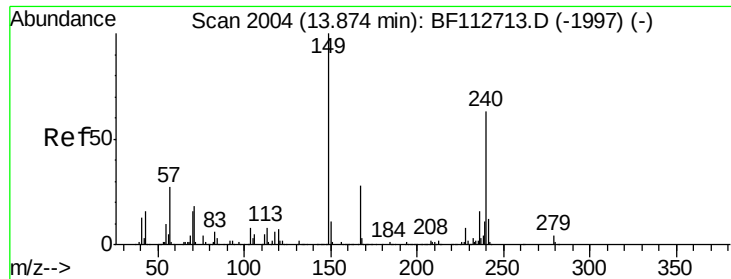
Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Tgt Ion:	202	Resp:	214424
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	33.8
203	17.1	0.0	38.4





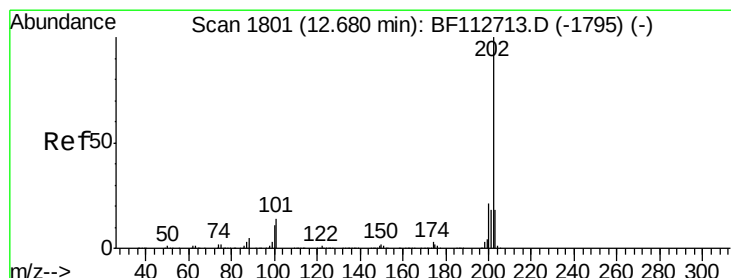
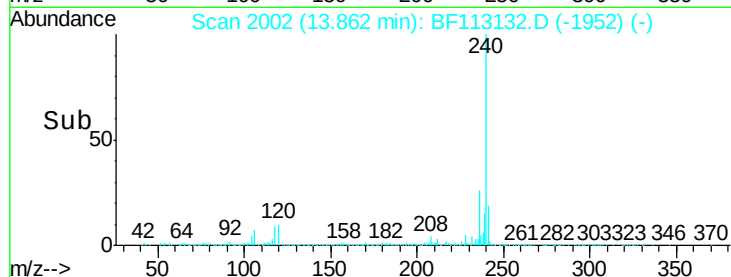
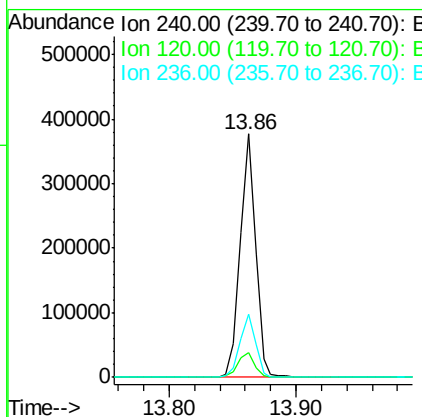
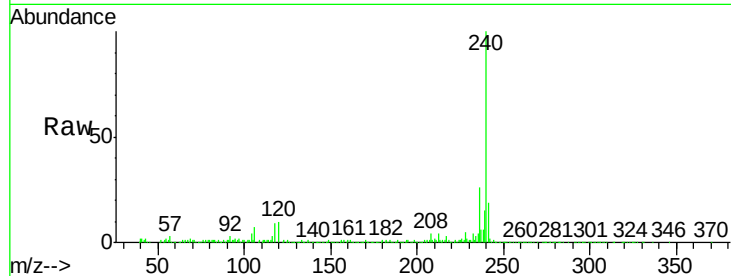
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	314307		
120	10.4	8.9	13.3	
236	25.7	20.7	31.1	

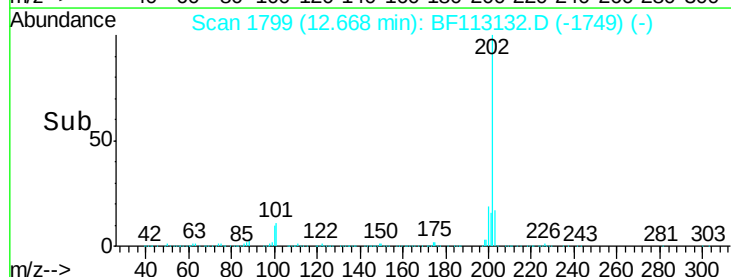
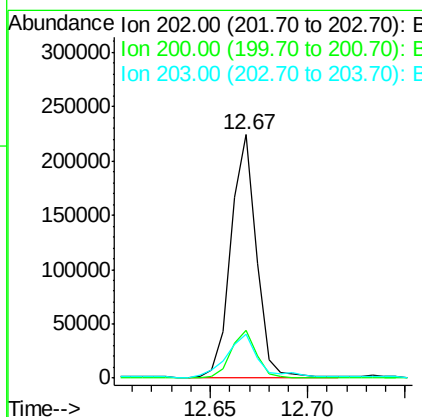
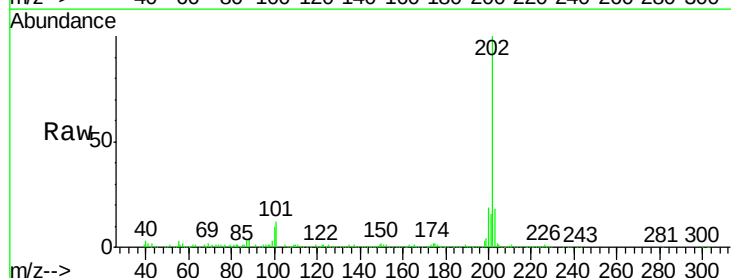
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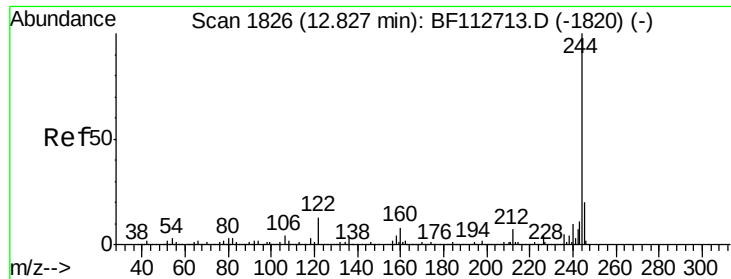
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#78
Pyrene
Concen: 7.635 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	202295		
200	19.4	17.0	25.4	
203	17.8	14.4	21.6	





#79

Terphenyl-d14

Concen: 62.511 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Instrument :

BNA_F

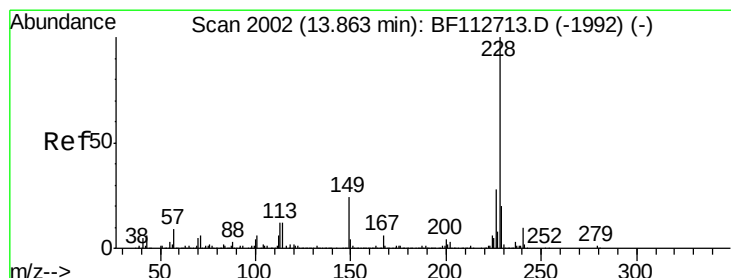
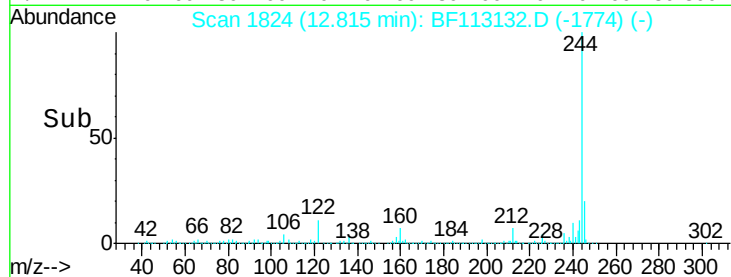
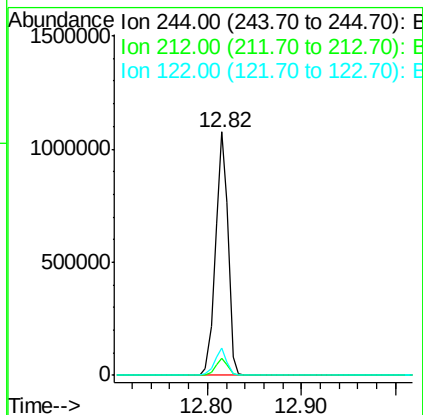
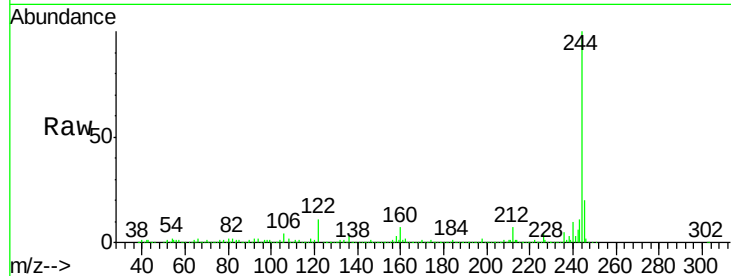
ClientSampleId :

FK-GF-03-006-B

Tgt Ion:	244	Resp:	1013555
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.6	8.4
122	11.1	10.5	15.7

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#81

Benzo(a)anthracene

Concen: 3.884 ng

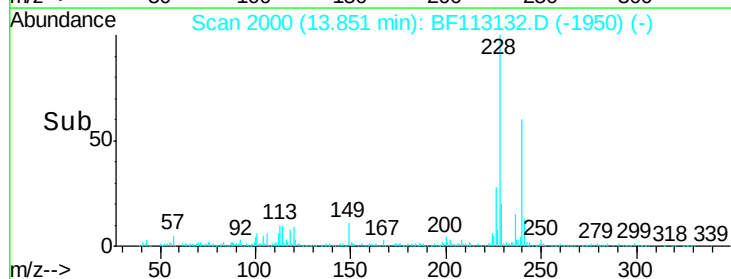
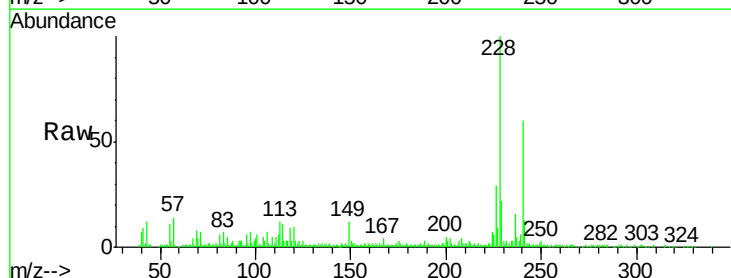
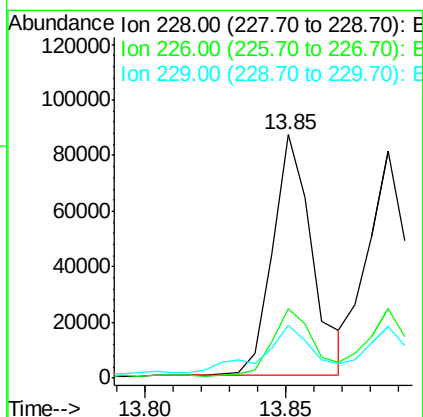
RT: 13.85 min Scan# 2000

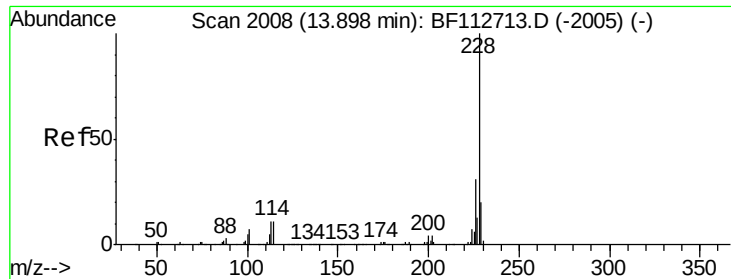
Delta R.T. -0.01 min

Lab File: BF113132.D

Acq: 19 Mar 2019 18:18

Tgt Ion:	228	Resp:	84598
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.2	33.4
229	21.5	16.0	24.0





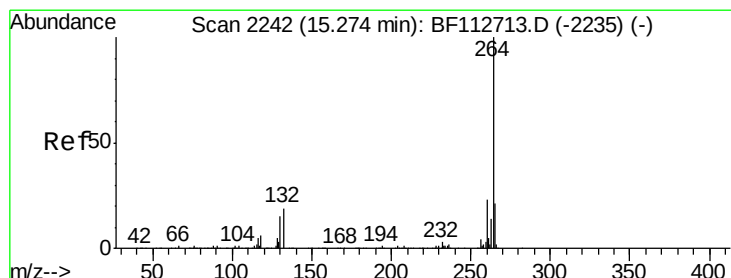
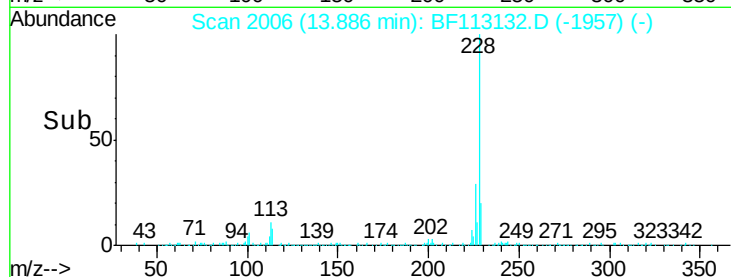
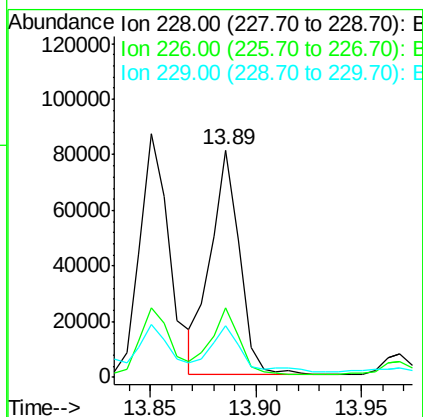
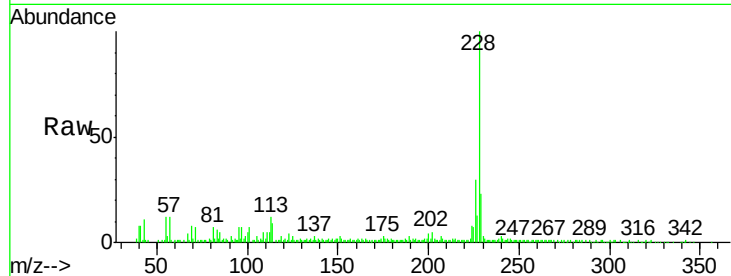
#83
Chrysene
Concen: 3.646 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	77792		
226	30.4		24.9	37.3
229	22.8		16.3	24.5

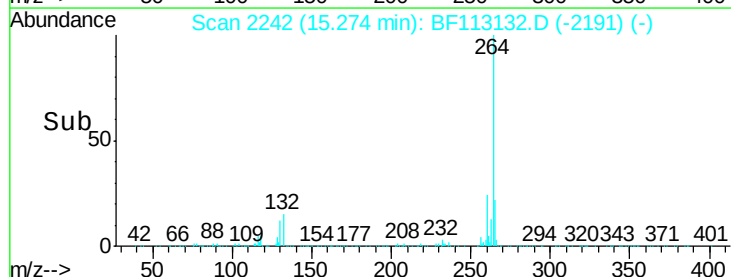
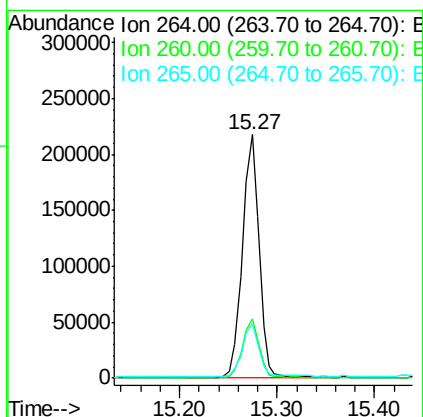
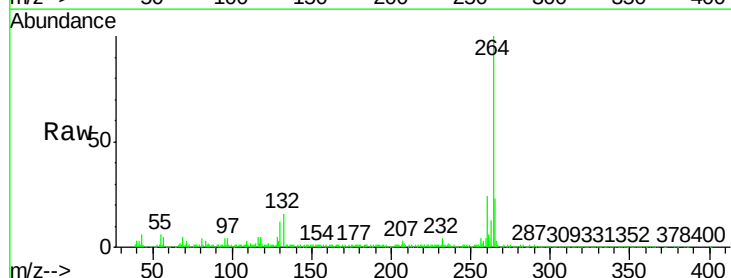
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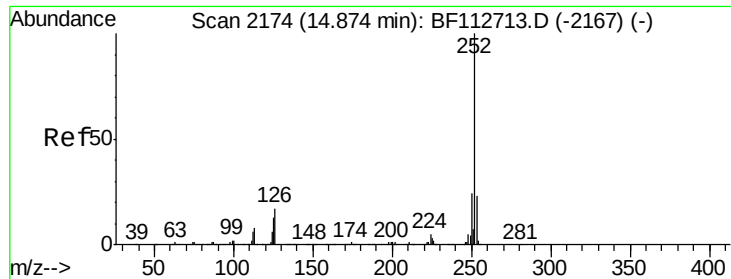
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	258465		
260	24.2		18.7	28.1
265	22.5		17.2	25.8





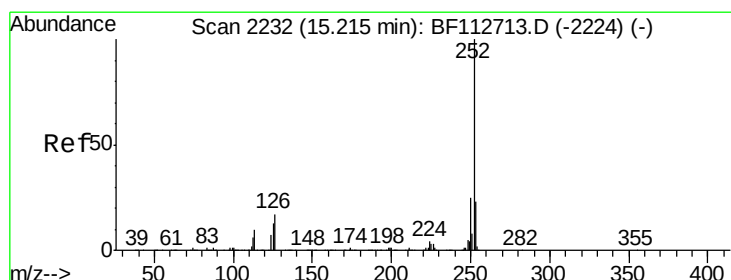
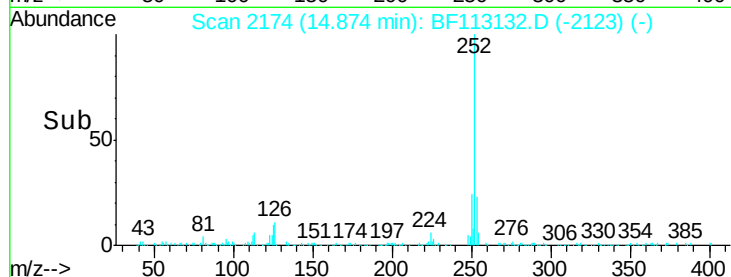
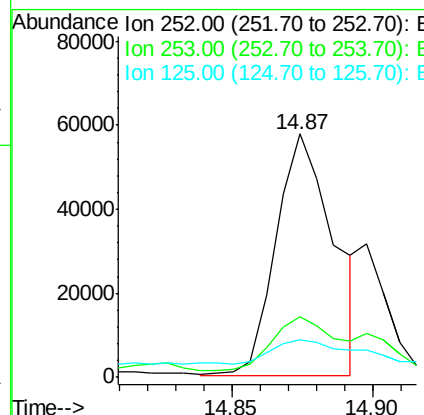
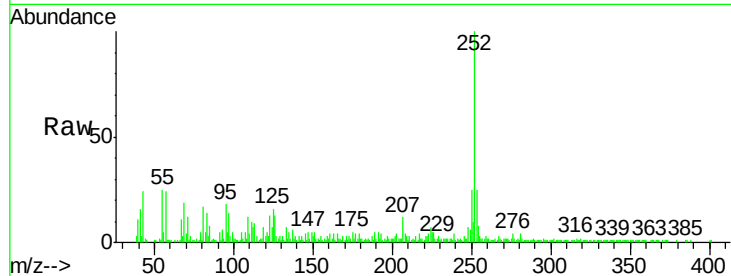
#88
Benzo(b)fluoranthene
Concen: 4.917 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-006-B

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	15.6	10.2	15.2

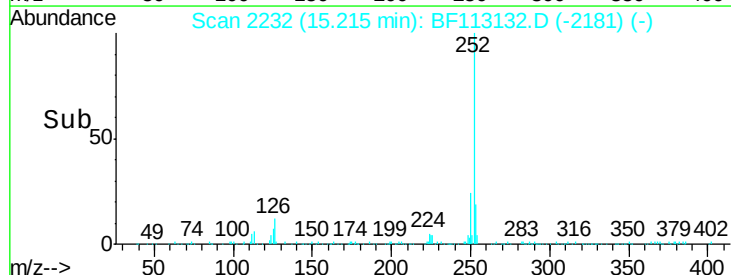
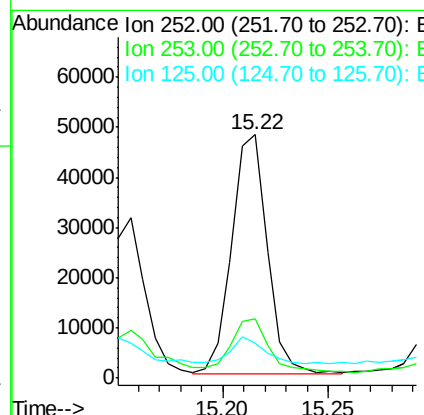
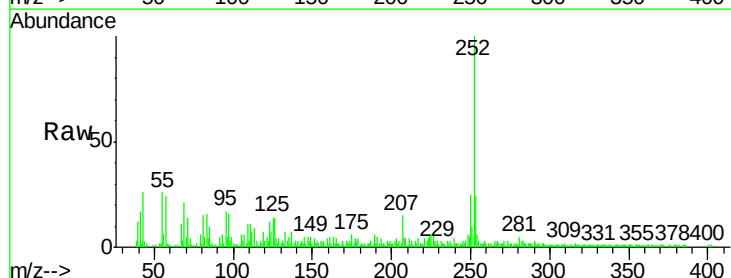
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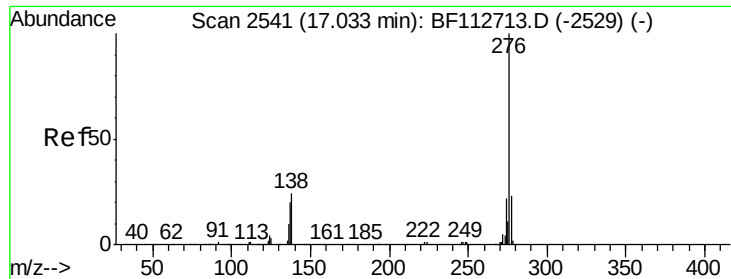
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#90
Benzo(a)pyrene
Concen: 3.747 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113132.D
Acq: 19 Mar 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.2	10.7	16.1





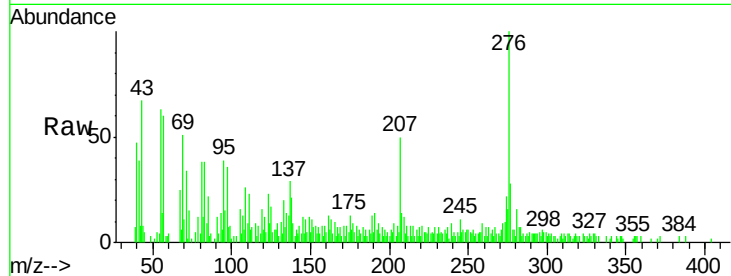
#92
 Benzo(g,h,i)perylene
 Concen: 2.177 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BF113132.D
 Acq: 19 Mar 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-006-B

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.6	27.8#
138	20.7	19.4	29.0

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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

