

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112817.D
 Acq On : 4 Mar 2019 12:03
 Operator : JU/SJ
 Sample : K1669-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Manual Integrations
 APPROVED

Sohil
 3/5/2019 11:00:31 AM

Quant Time: Mar 05 00:58:12 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	186654	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	664776	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	310492	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	550936	20.00	ng	0.00
76) Chrysene-d12	13.87	240	454993	20.00	ng	0.00
87) Perylene-d12	15.29	264	485843	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1084049	90.34	ng	0.01
7) Phenol-d6	6.38	99	1408439	93.44	ng	0.01
23) Nitrobenzene-d5	7.30	82	867601	78.09	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	350949	106.47	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1441470	74.44	ng	0.00
79) Terphenyl-d14	12.83	244	1243072	52.96	ng	0.00
Target Compounds						
10) Phenol	6.39	94	64257	3.653	ng	85
50) Dimethylphthalate	9.49	163	103160	4.506	ng	98
71) Phenanthrene	11.27	178	63284	2.309	ng	99
75) Fluoranthene	12.46	202	118421	4.032	ng	95
78) Pyrene	12.68	202	118930	3.101	ng	98
81) Benzo(a)anthracene	13.87	228	70953	2.250	ng	95
83) Chrysene	13.90	228	70306	2.276	ng	96
88) Benzo(b)fluoranthene	14.89	252	102141m	3.250	ng	
90) Benzo(a)pyrene	15.23	252	74699	2.687	ng	94

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

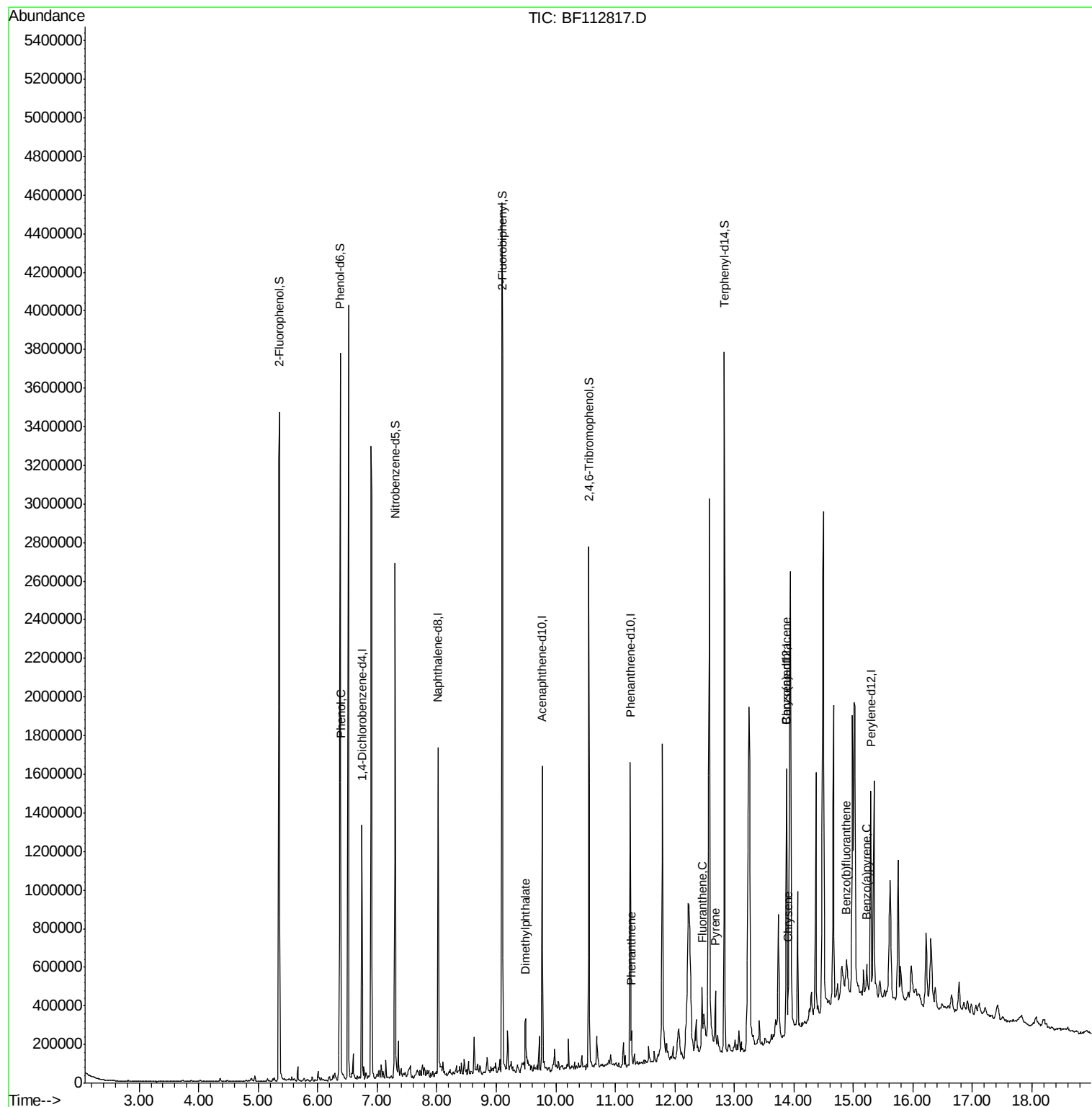
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112817.D
Acq On : 4 Mar 2019 12:03
Operator : JU/SJ
Sample : K1669-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

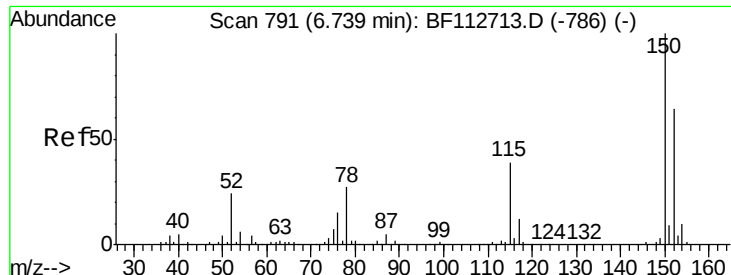
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Manual Integrations
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Sohil
3/5/2019 11:00:31 AM

Quant Time: Mar 05 00:58:12 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





#1

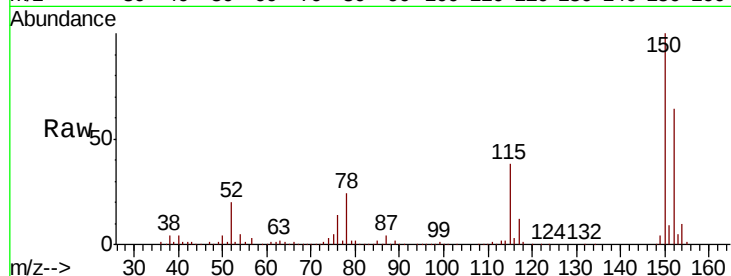
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	58.4	48.2	72.4

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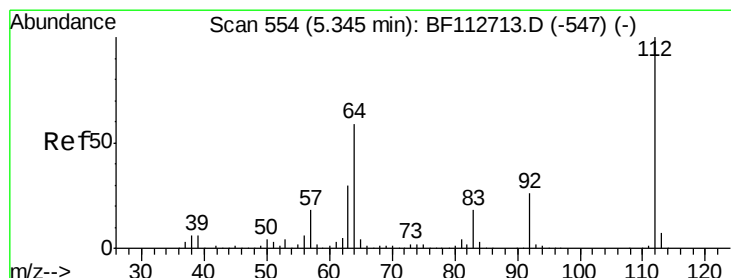
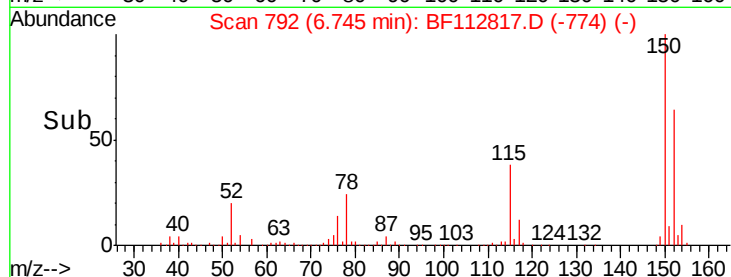
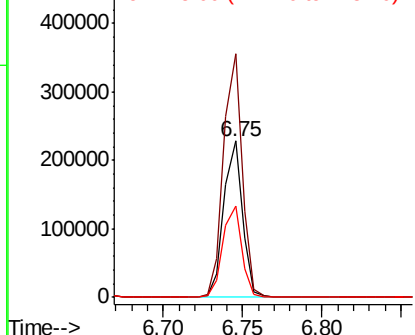


Abundance

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: 90.343 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

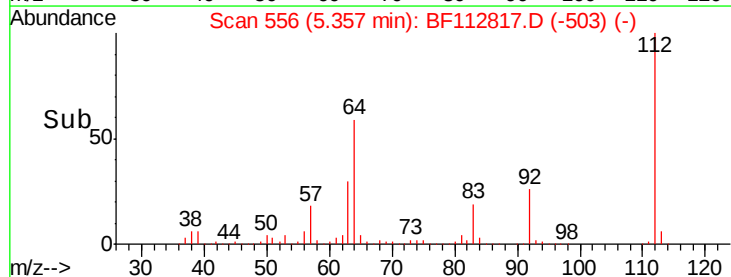
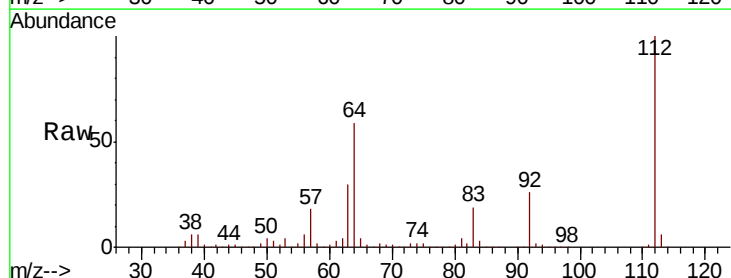
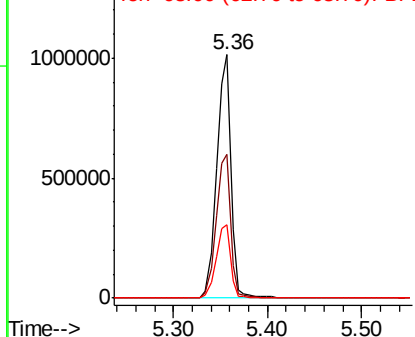
Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	47.6	71.4
63	29.9	24.4	36.6

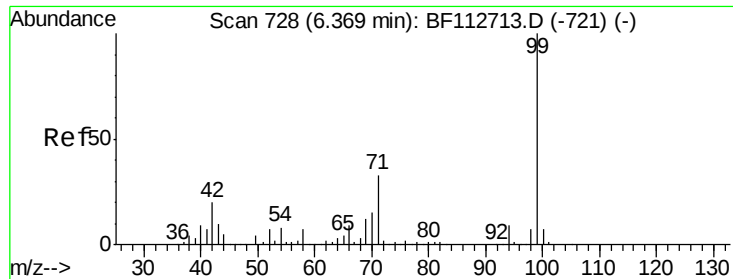
Abundance

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: 93.441 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-031-B

Tot Ion: 99 Resp: 1408439

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

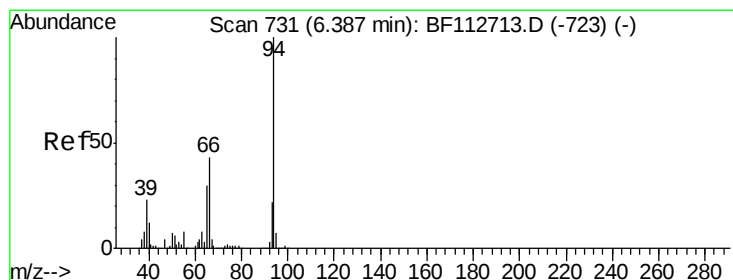
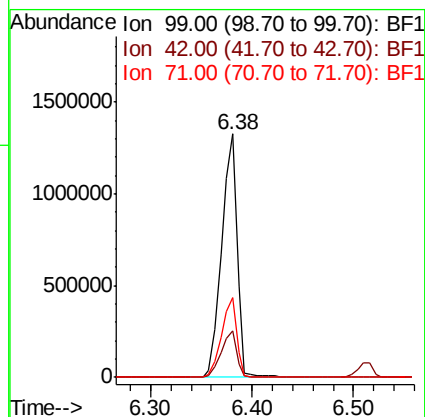
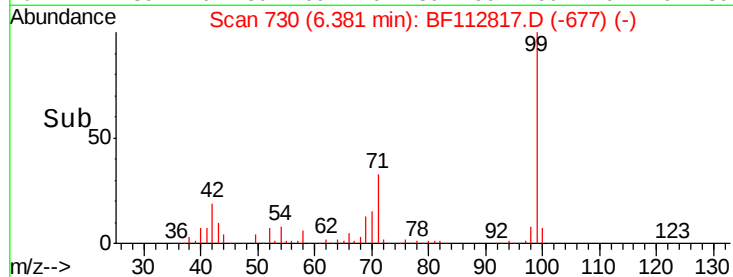
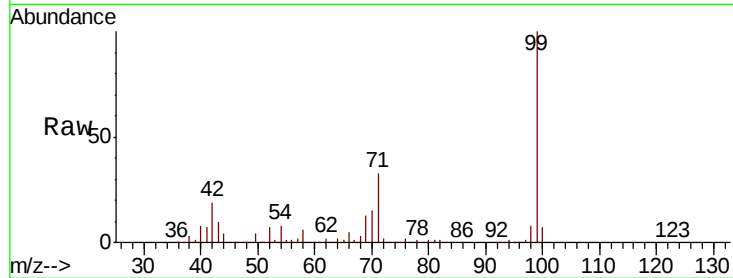
71 32.8 26.2 39.4

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#10

Phenol

Concen: 3.653 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

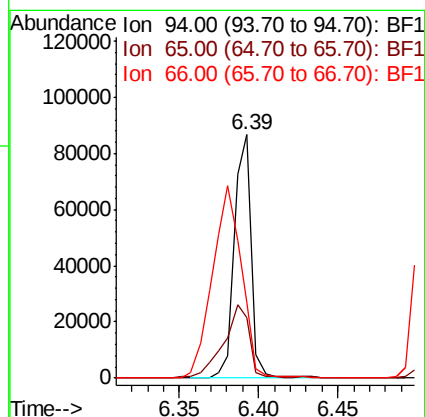
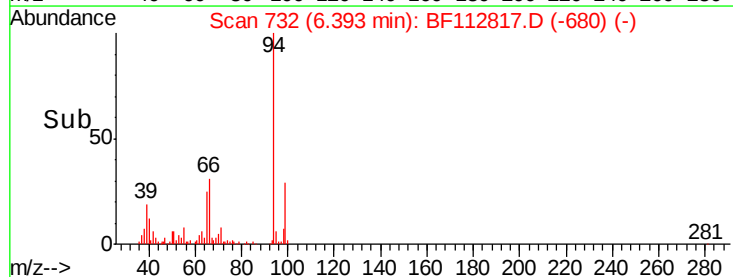
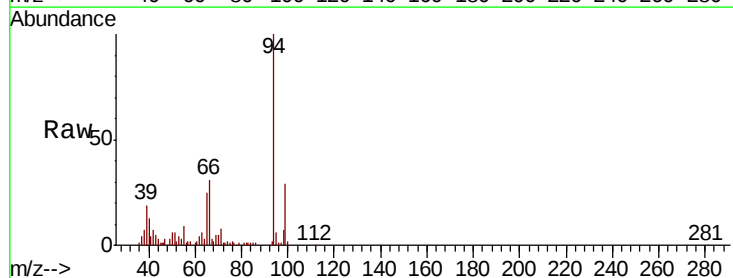
Tgt Ion: 94 Resp: 64257

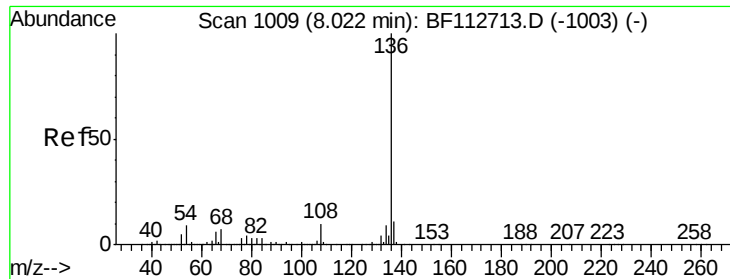
Ion Ratio Lower Upper

94 100

65 24.9 10.5 50.5

66 31.4 22.6 62.6





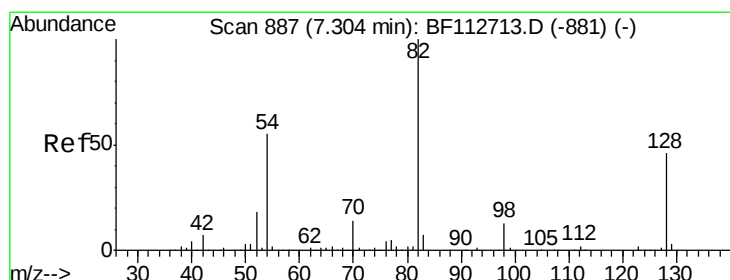
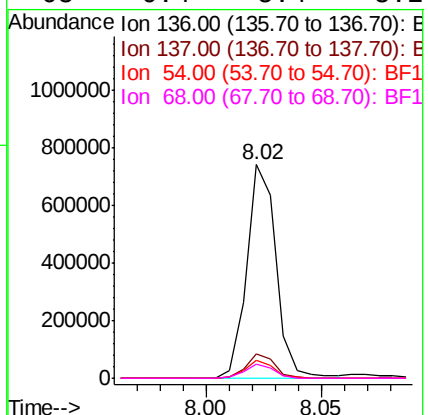
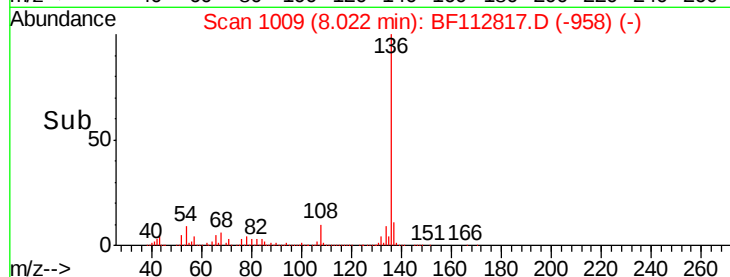
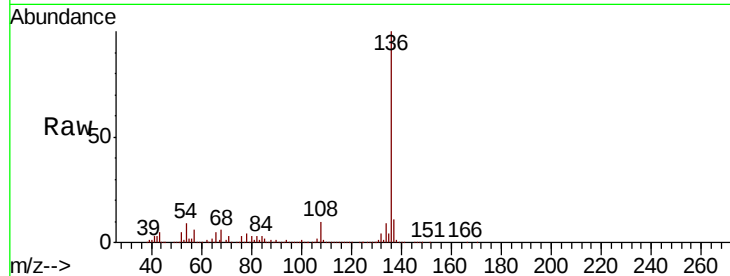
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.2	8.9	13.3		
54	8.7	7.3	10.9		
68	6.4	5.4	8.2		

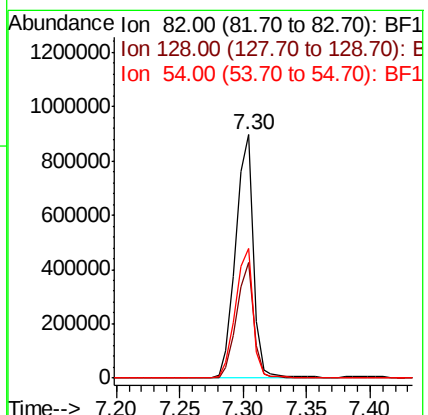
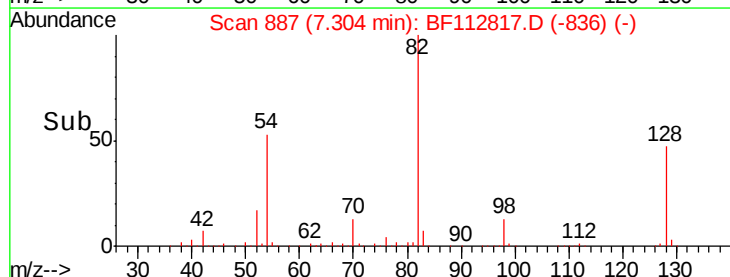
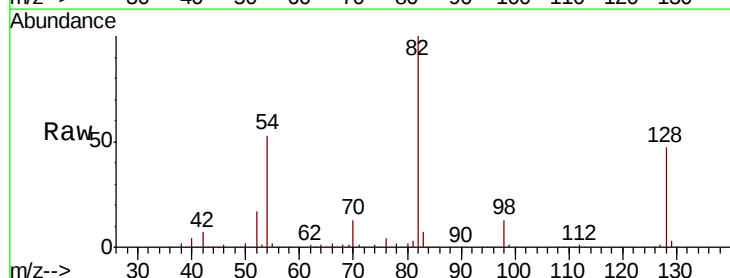
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#23
Nitrobenzene-d5
Concen: 78.095 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	47.4	36.3	54.5		
54	53.2	43.7	65.5		





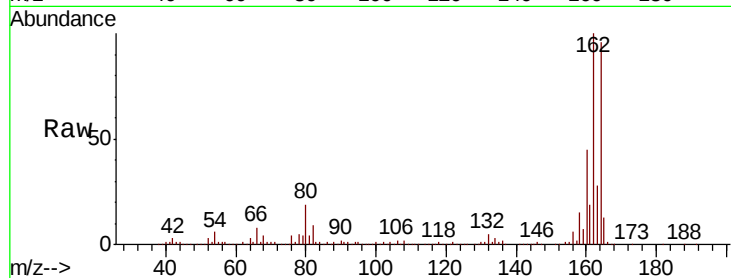
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112817.D
 Acq: 4 Mar 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

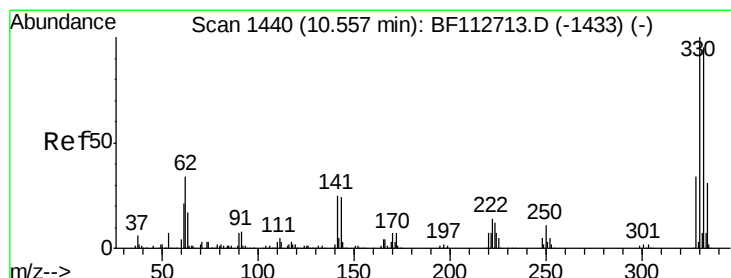
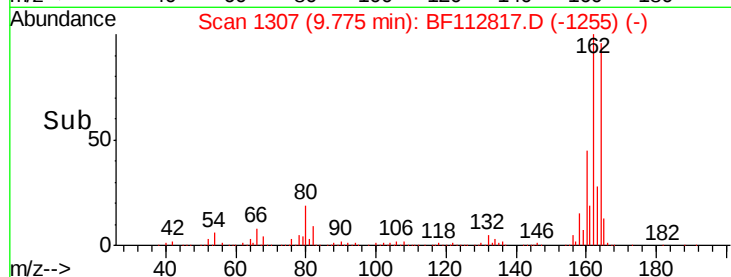
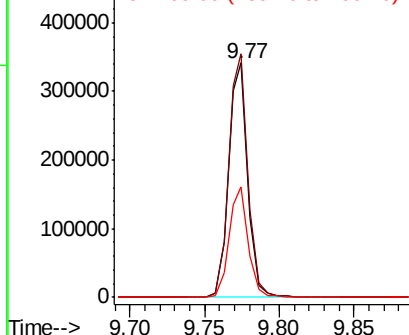
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.6	120.8
160	47.1	36.0	54.0

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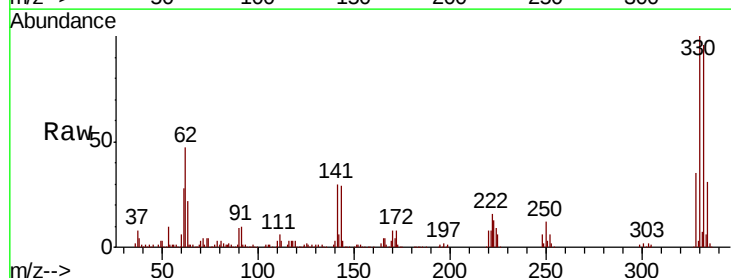


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

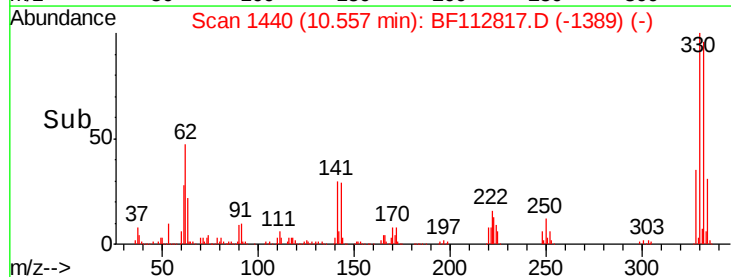
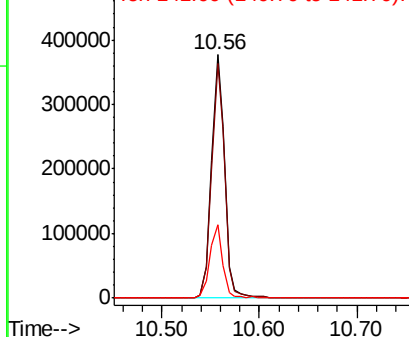


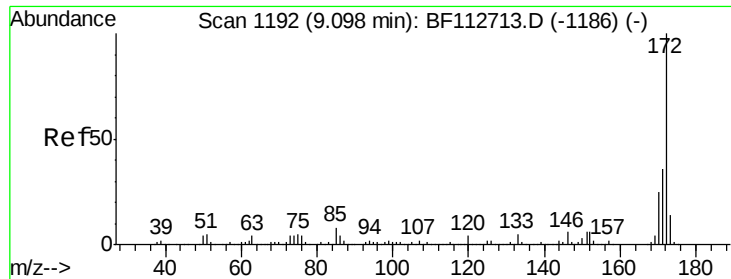
#42
 2,4,6-Tribromophenol
 Concen: 106.469 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112817.D
 Acq: 4 Mar 2019 12:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	29.2	27.0	40.6



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





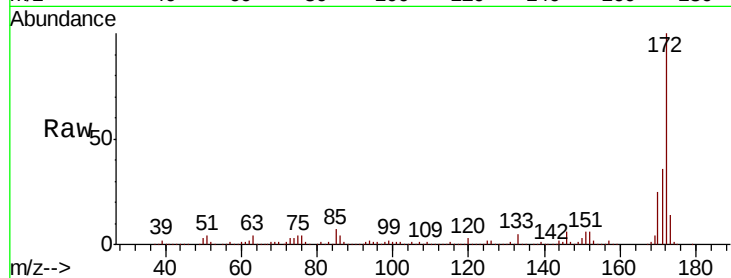
#45
2-Fluorobiphenyl
Concen: 74.437 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.5	20.0	30.0

Manual Integrations
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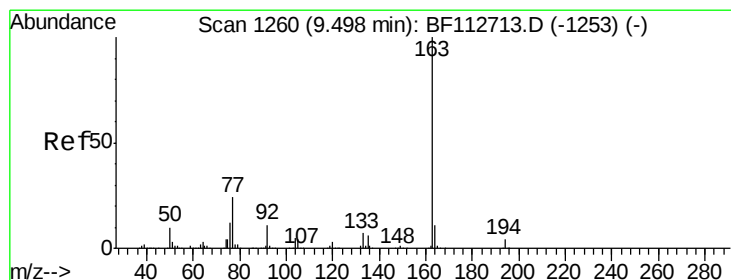
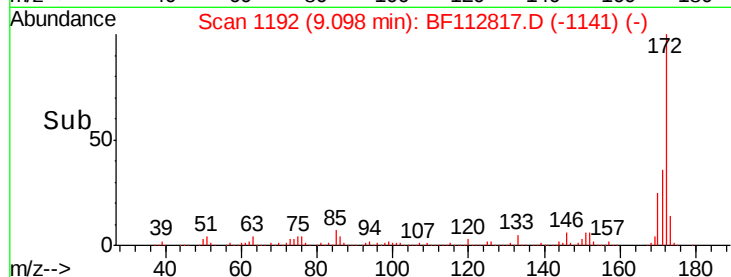
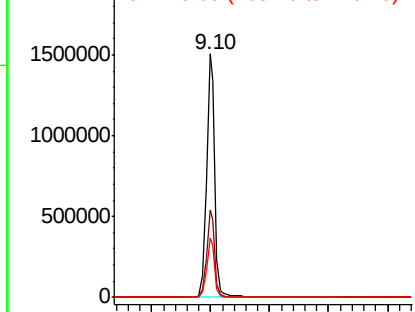


Abundance

Ion 172.00 (171.70 to 172.70): E

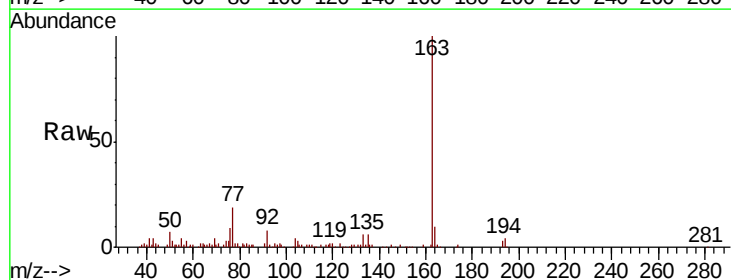
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.506 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.6	8.4	12.6

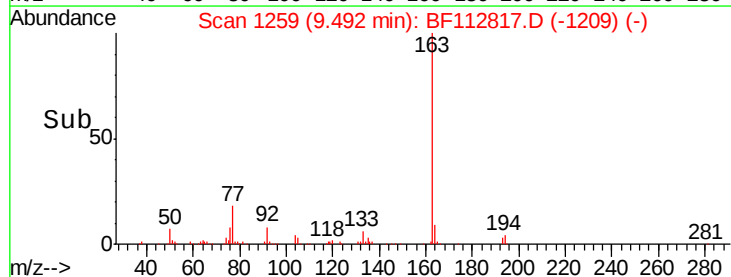
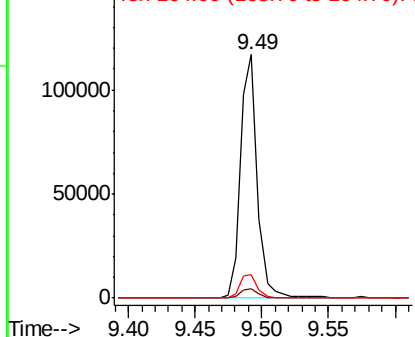


Abundance

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: BF112817.D

Acq: 4 Mar 2019 12:03

Instrument :

BNA_F

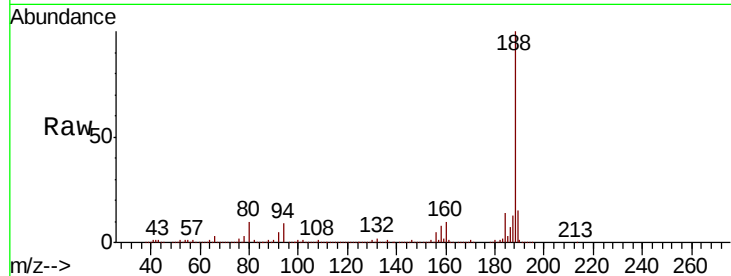
ClientSampleId :

FK-GF-02-031-B

Tot Ion:	188	Resp:	550936
Ion Ratio	Lower	Upper	
188	100		
94	9.3	9.0	13.4
80	9.9	9.2	13.8

Manual Integrations
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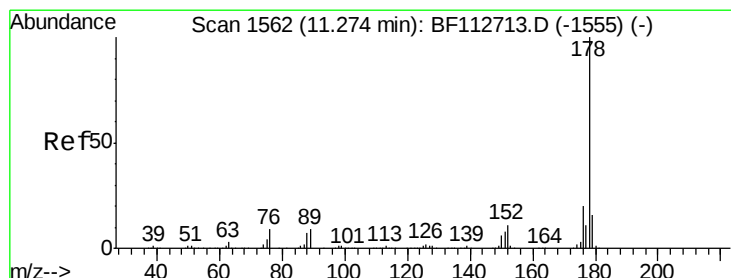
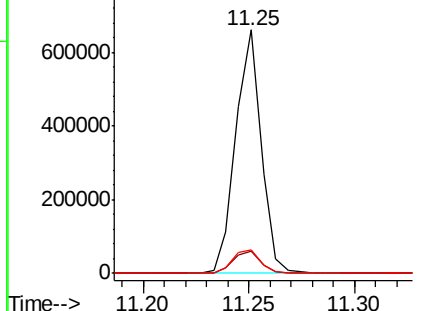
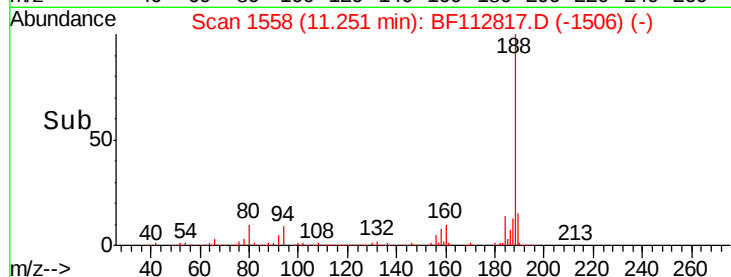
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 2.309 ng

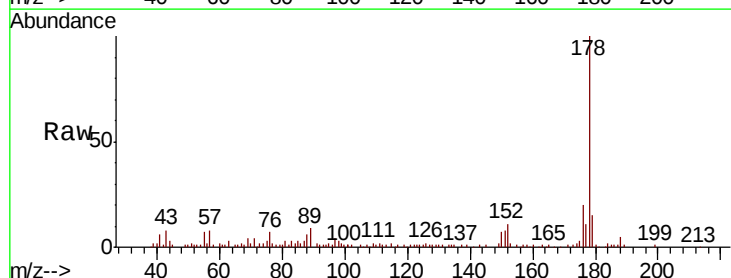
RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

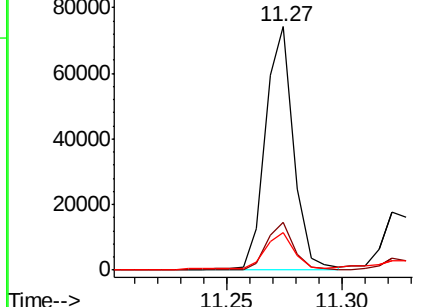
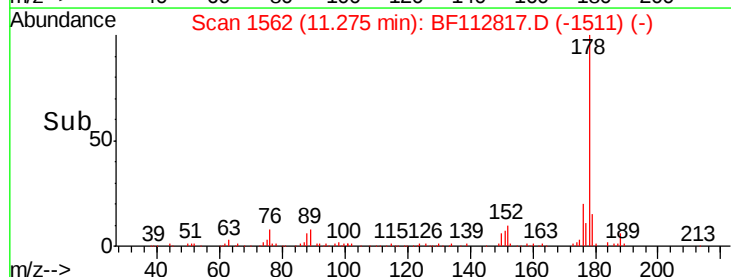
Tgt Ion:	178	Resp:	63284
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.3	24.5
179	15.3	12.7	19.1

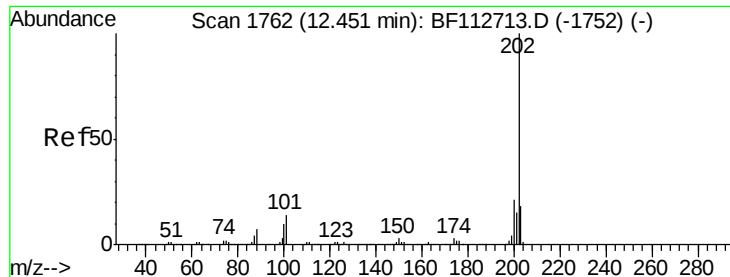


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 4.032 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Instrument :

BNA_F

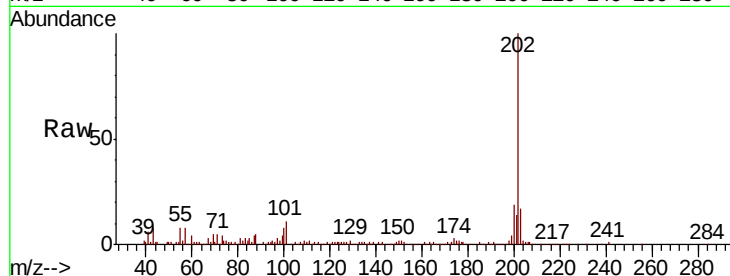
ClientSampleId :

FK-GF-02-031-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.7	0.0	33.8		
203	17.1	0.0	38.4		

Manual Integrations
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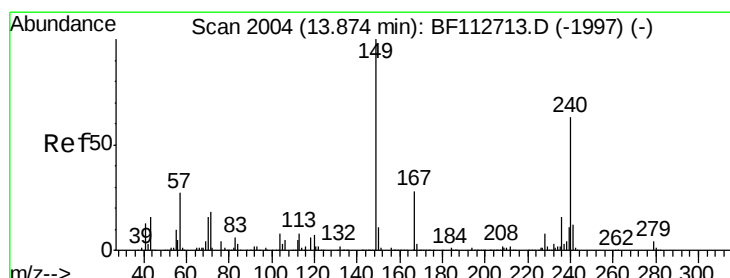
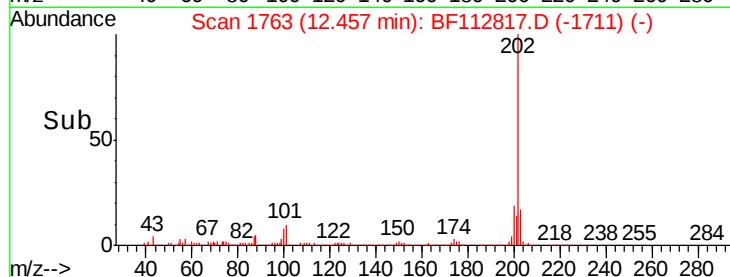
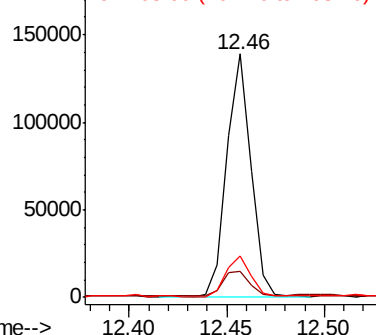


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

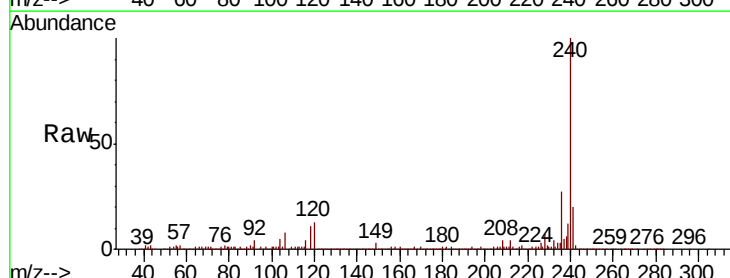
RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	13.4	8.9	13.3#		
236	26.7	20.7	31.1		

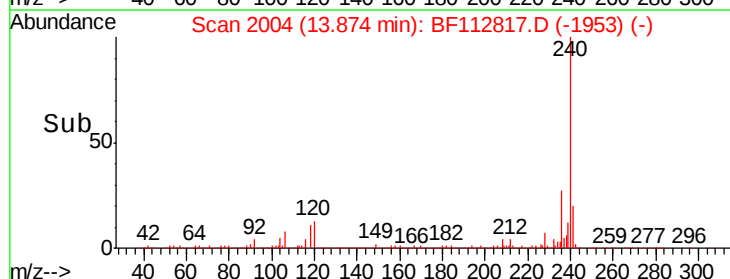
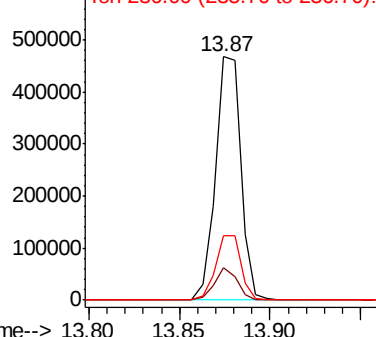


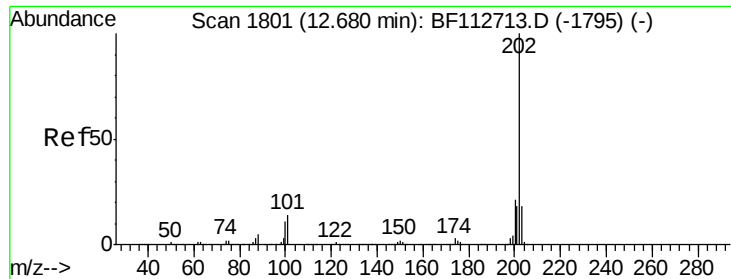
Abundance

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





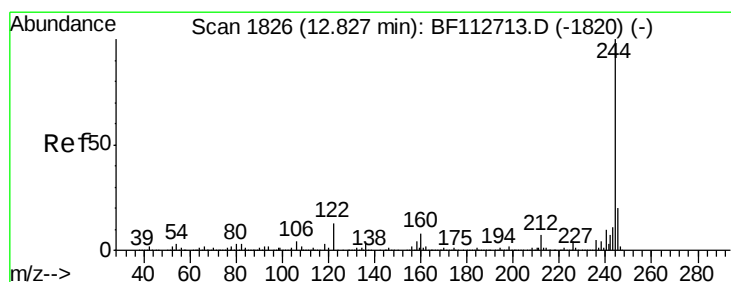
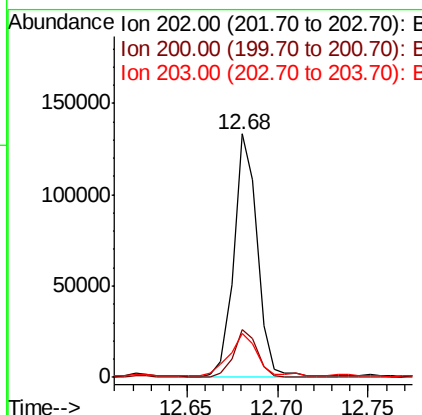
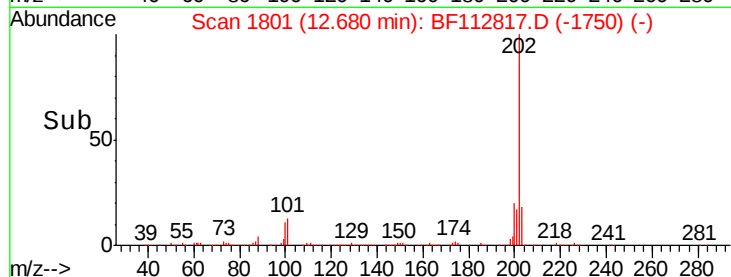
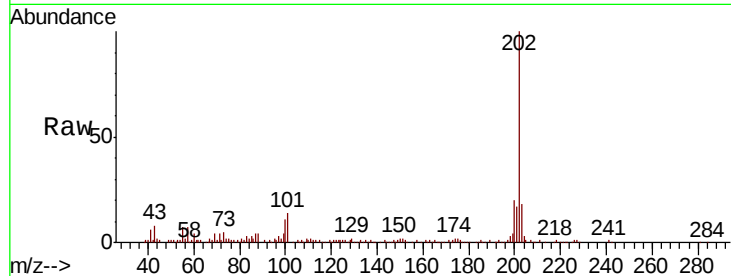
#78
Pvrene
Concen: 3.101 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-031-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.0	25.4
203	18.0	14.4	21.6

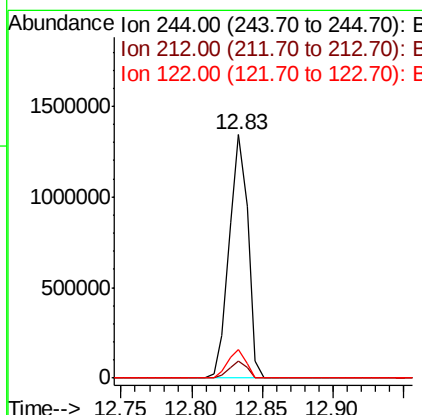
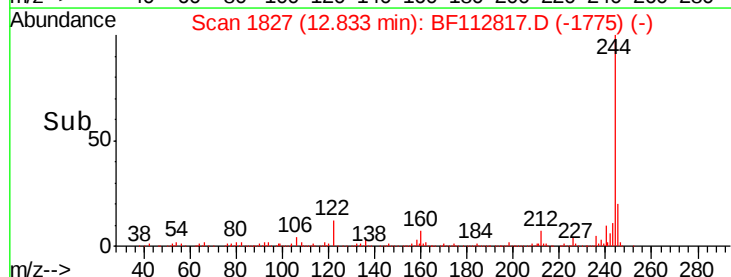
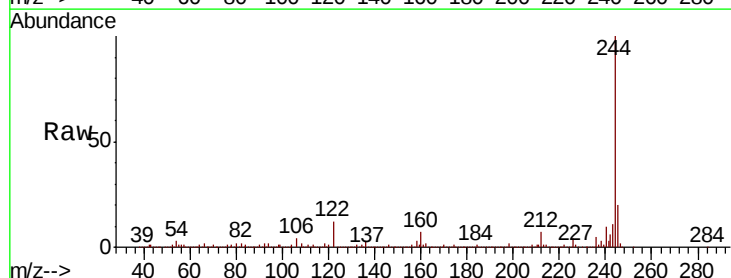
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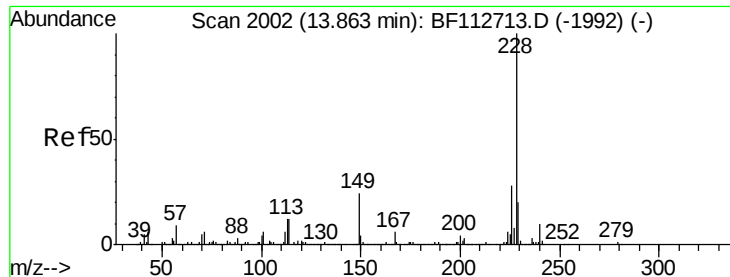
Sohil
3/5/2019 11:00:31 AM



#79
Terphenyl-d14
Concen: 52.961 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112817.D
Acq: 4 Mar 2019 12:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	12.0	10.5	15.7





#81

Benzo(a)anthracene

Concen: 2.250 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Instrument :

BNA_F

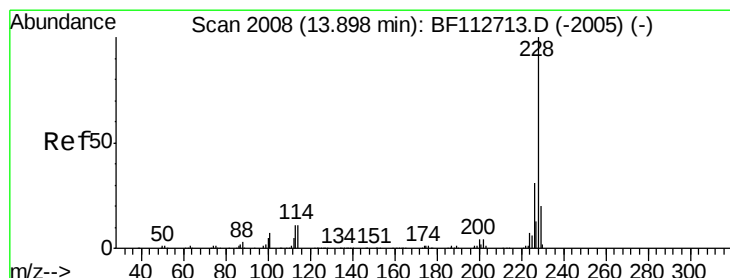
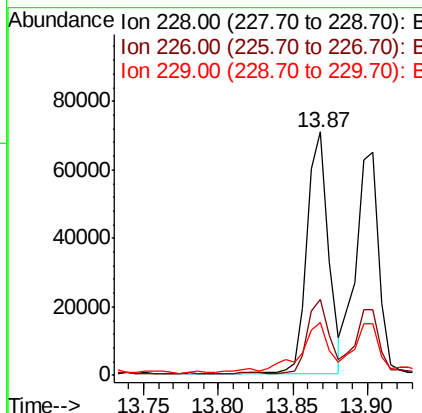
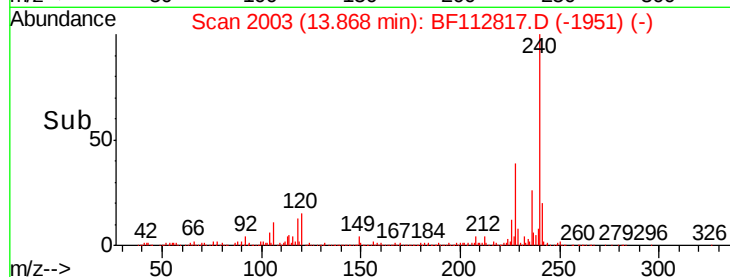
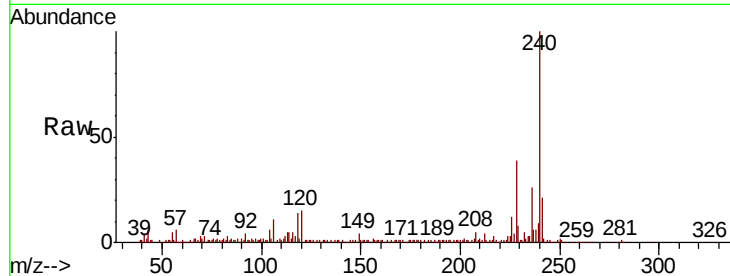
ClientSampleId :

FK-GF-02-031-B

Tot Ion:	228	Resp:	70953
Ion Ratio	Lower	Upper	
228	100		
226	31.4	22.2	33.4
229	21.5	16.0	24.0

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#83

Chrysene

Concen: 2.276 ng

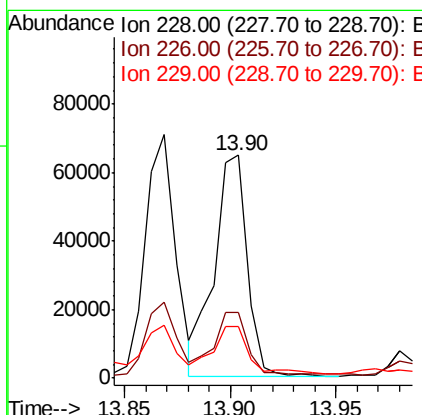
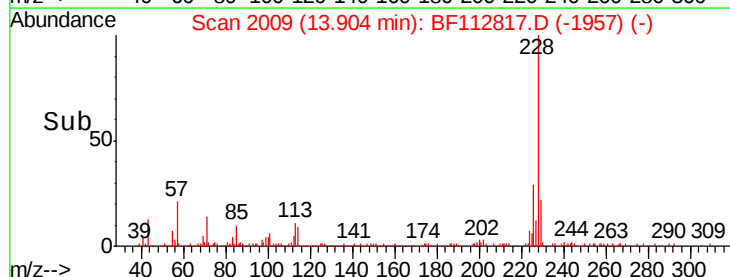
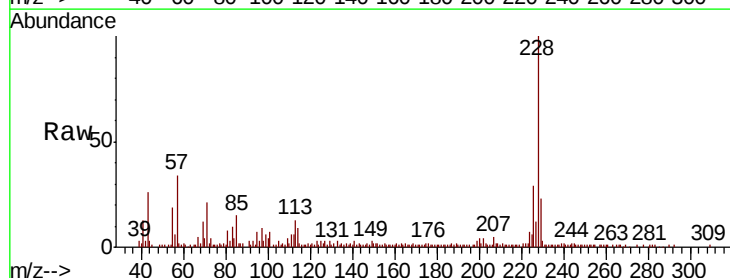
RT: 13.90 min Scan# 2009

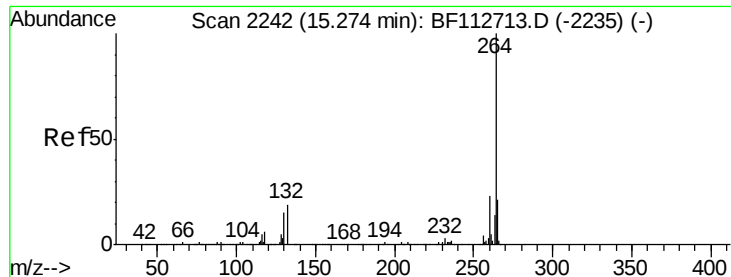
Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Tgt Ion:	228	Resp:	70306
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.9	37.3
229	23.1	16.3	24.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.02 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Instrument :

BNA_F

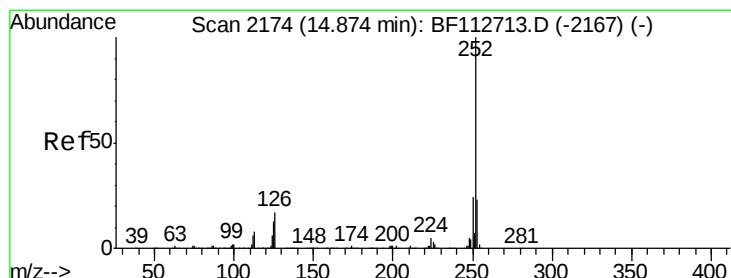
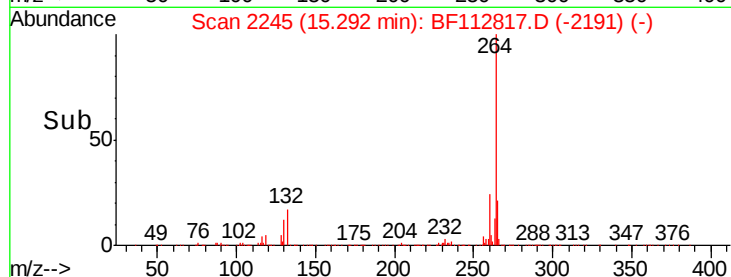
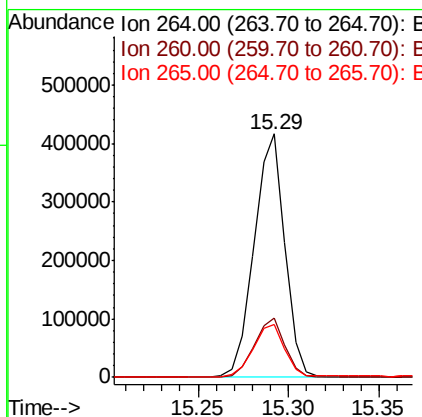
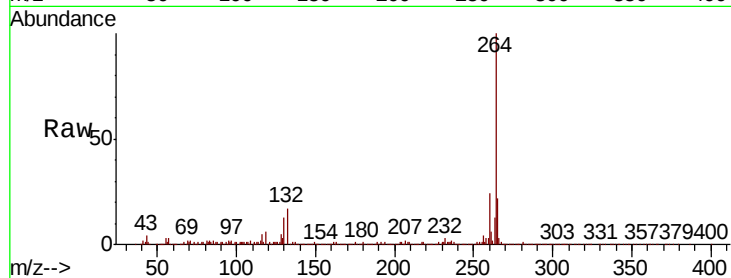
ClientSampleId :

FK-GF-02-031-B

Tot Ion:	264	Resp:	485843
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.7	28.1
265	21.7	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 3.250 ng m

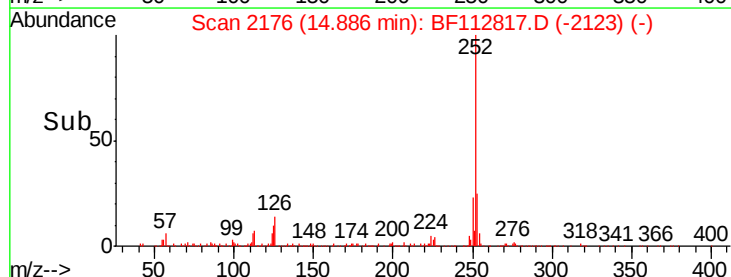
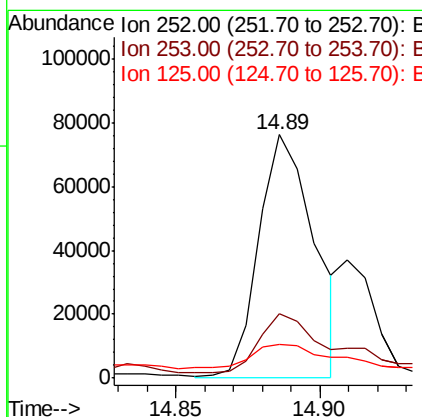
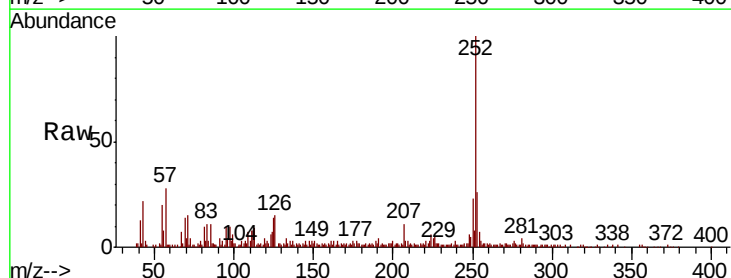
RT: 14.89 min Scan# 2176

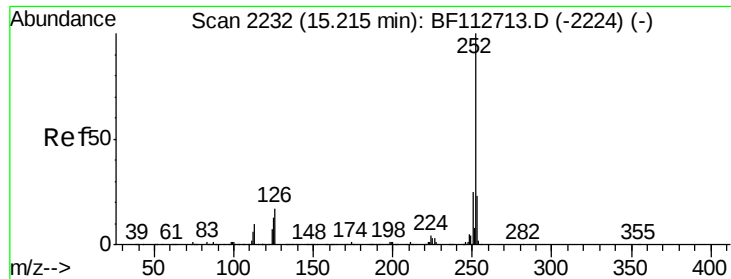
Delta R.T. 0.01 min

Lab File: BF112817.D

Acq: 4 Mar 2019 12:03

Tgt Ion:	252	Resp:	102141
Ion Ratio	Lower	Upper	
252	100		
253	26.3	18.0	27.0
125	13.8	10.2	15.2





#90
 Benzo(a)pyrene
 Concen: 2.687 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.01 min
 Lab File: BF112817.D
 Acq: 4 Mar 2019 12:03

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-031-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	15.7	10.7	16.1

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Sohil
 3/5/2019 11:00:31 AM

