

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112819.D
 Acq On : 4 Mar 2019 12:57
 Operator : JU/SJ
 Sample : K1672-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-033-A

Manual Integrations
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Sohil
 3/5/2019 11:00:36 AM

Quant Time: Mar 05 01:04:49 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	188725	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	693275	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	292808	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	502555	20.00	ng	0.00
76) Chrysene-d12	13.88	240	490028	20.00	ng	0.00
87) Perylene-d12	15.29	264	496612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	966343	79.65	ng	0.01
7) Phenol-d6	6.38	99	1233406	80.93	ng	0.01
23) Nitrobenzene-d5	7.30	82	740817	63.94	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	290441	93.43	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1250122	66.87	ng	0.00
79) Terphenyl-d14	12.83	244	1114404	44.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	95694	4.432	ng	100
75) Fluoranthene	12.46	202	119327	4.454	ng	95
78) Pyrene	12.69	202	113441	2.746	ng	97
81) Benzo(a)anthracene	13.87	228	73699m	2.170	ng	
83) Chrysene	13.90	228	78908	2.372	ng	98
88) Benzo(b)fluoranthene	14.89	252	100704m	3.135	ng	
90) Benzo(a)pyrene	15.23	252	64325	2.264	ng	95

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

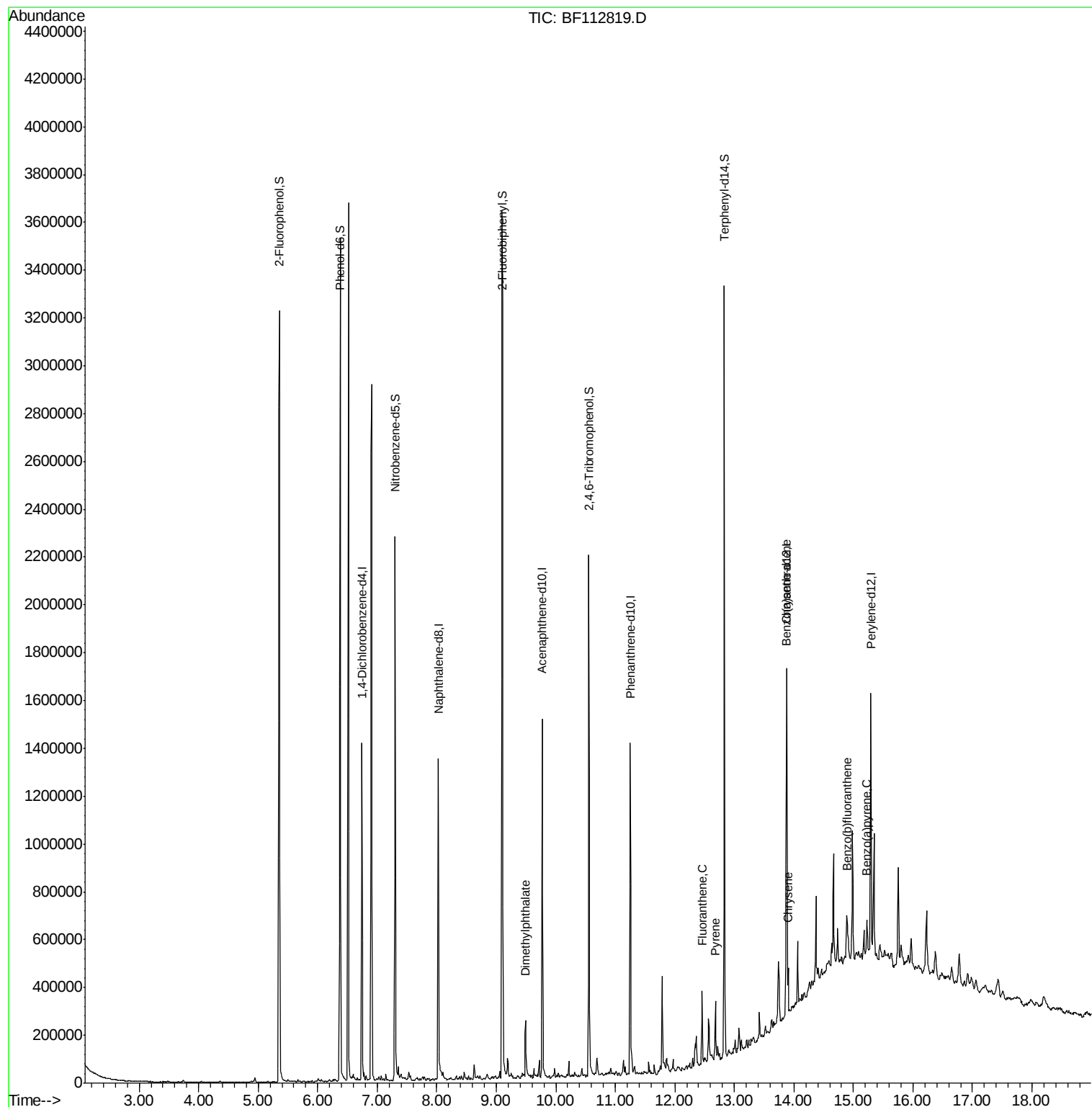
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
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Operator : JU/SJ
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#1

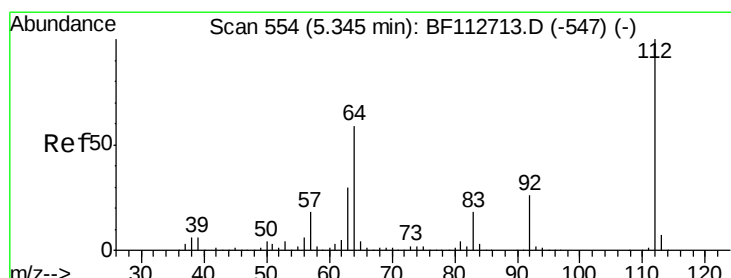
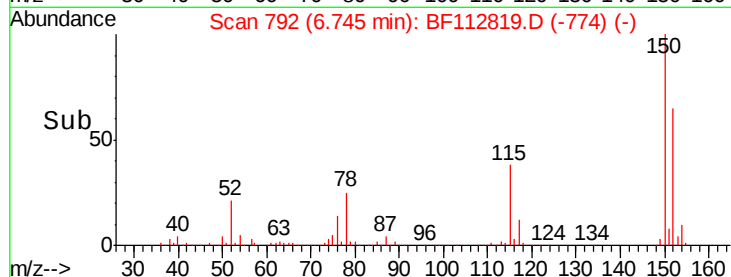
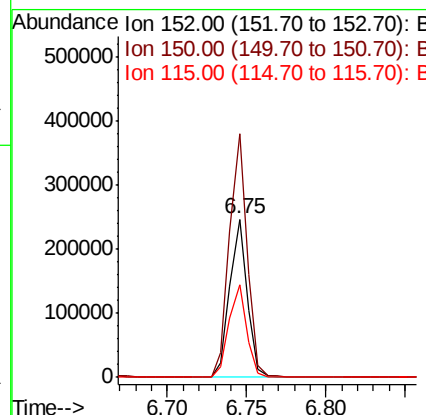
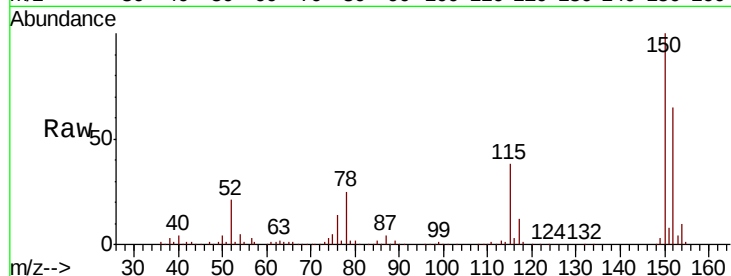
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	58.4	48.2	72.4

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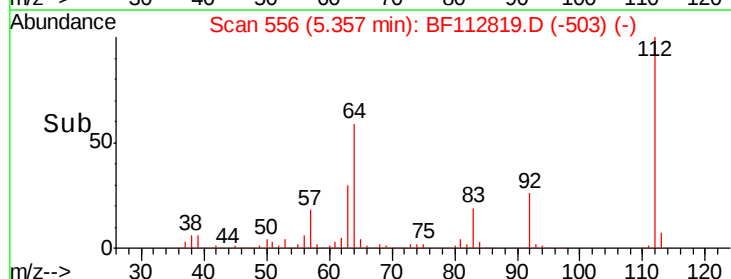
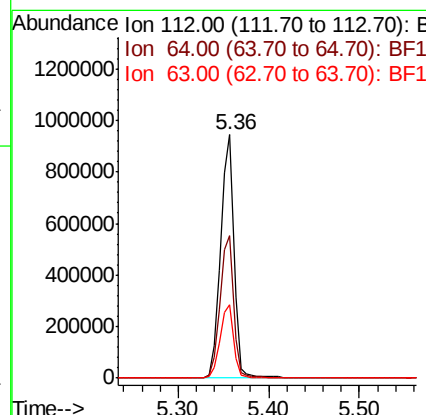
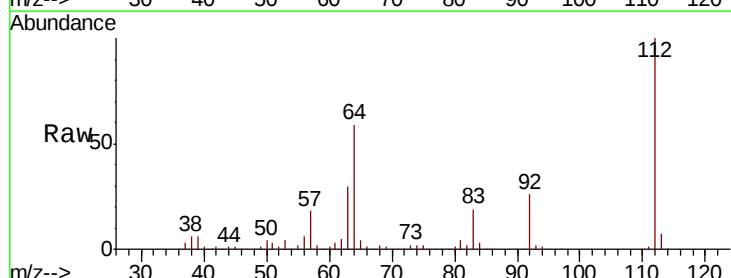
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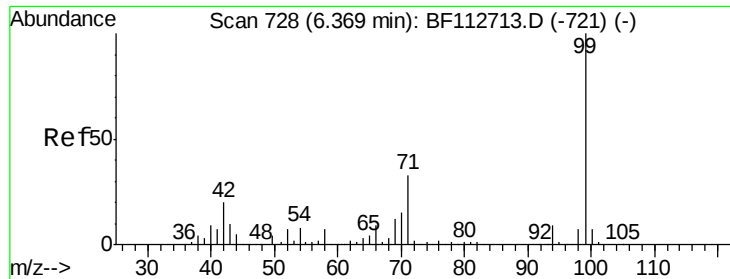


#5

2-Fluorophenol
Concen: 79.650 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.6	71.4
63	30.0	24.4	36.6





#7

Phenol-d6

Concen: 80.931 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-033-A

Tot Ion: 99 Resp: 1233406

Ion Ratio Lower Upper

99 100

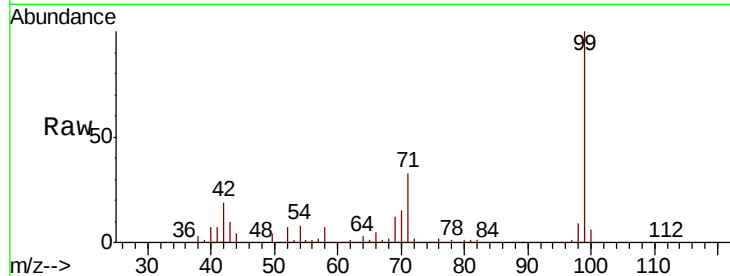
42 18.9 16.3 24.5

71 32.8 26.2 39.4

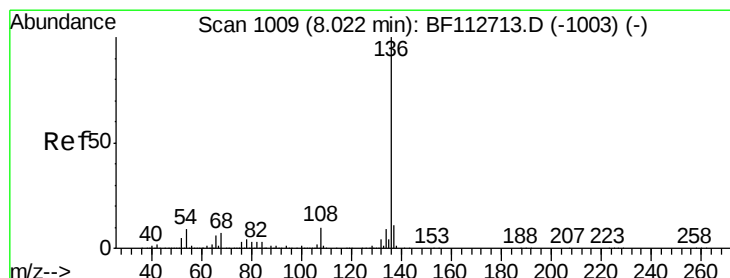
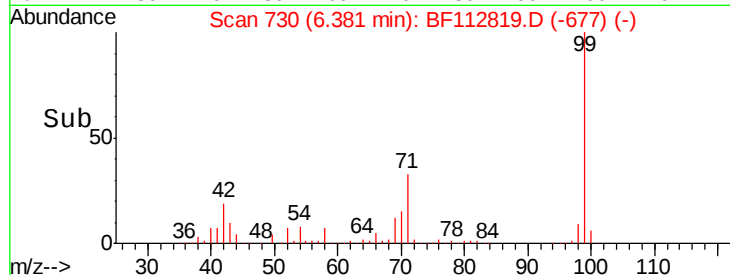
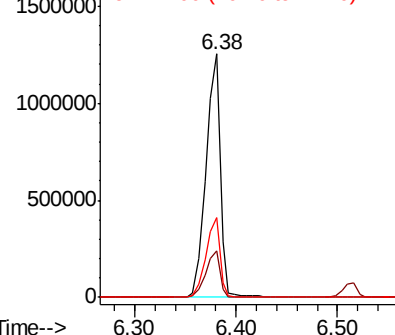
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Tgt Ion: 136 Resp: 693275

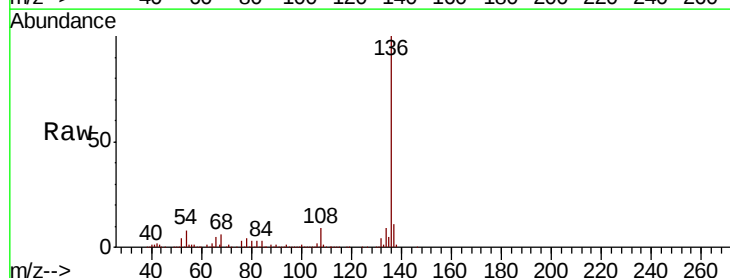
Ion Ratio Lower Upper

136 100

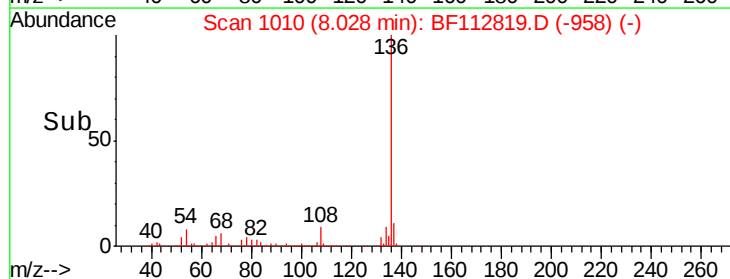
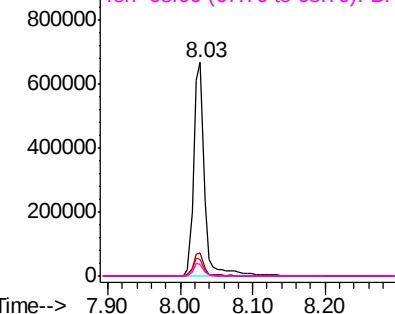
137 10.9 8.9 13.3

54 7.8 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





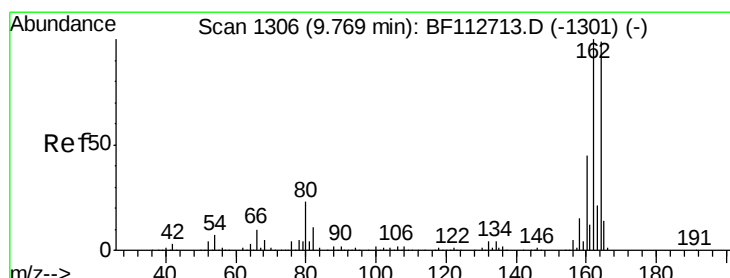
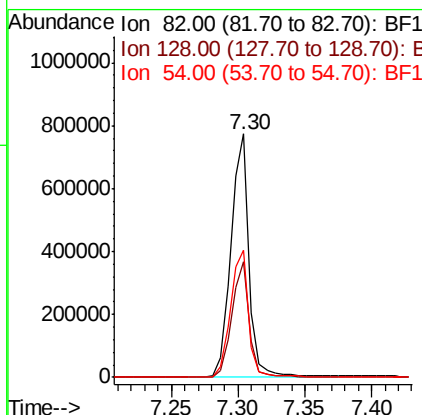
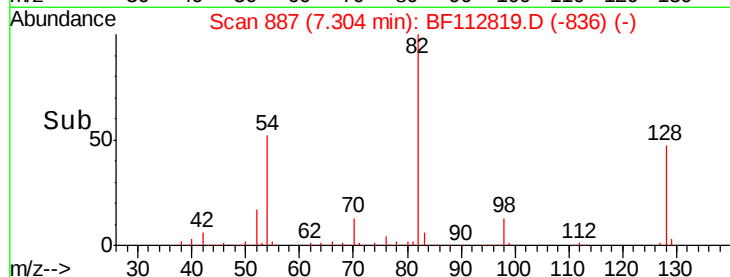
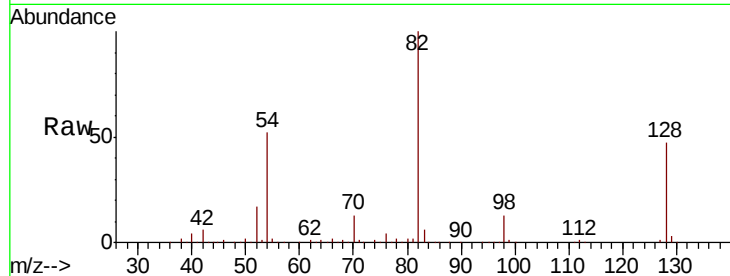
#23
Nitrobenzene-d5
Concen: 63.941 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	52.2	43.7	65.5

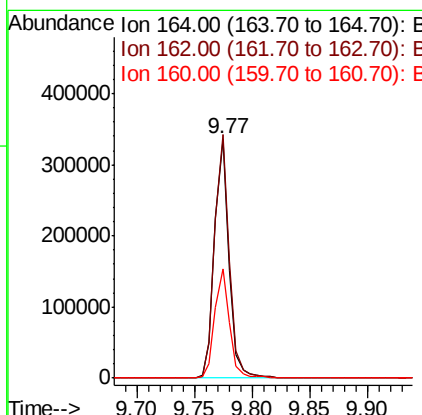
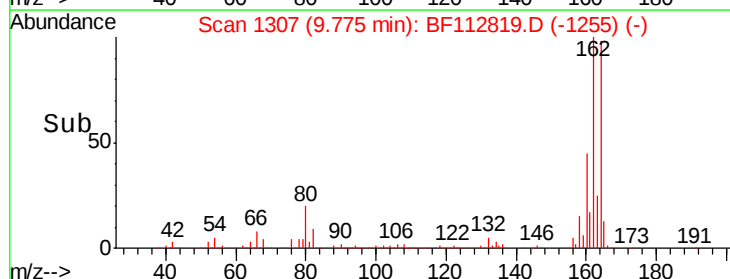
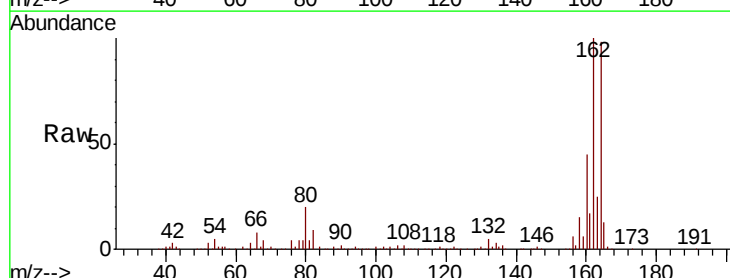
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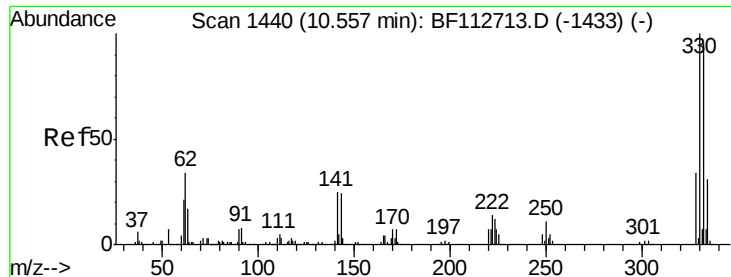
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	46.0	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 93.434 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Instrument :

BNA_F

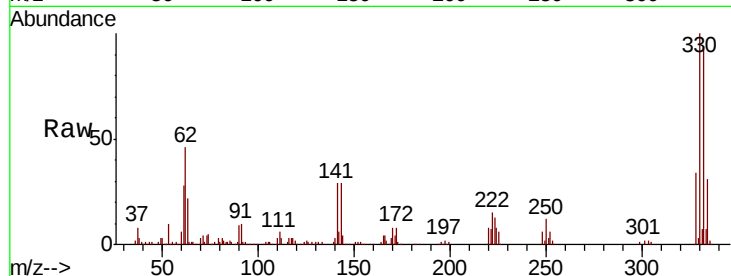
ClientSampleId :

FK-GF-02-033-A

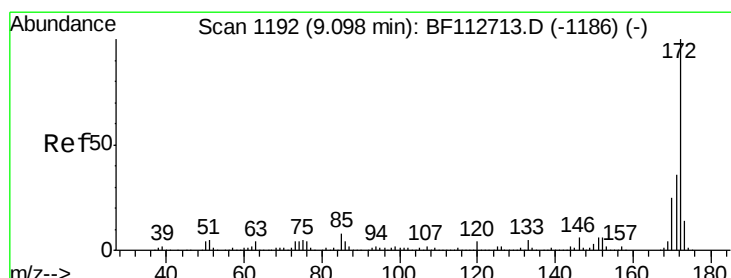
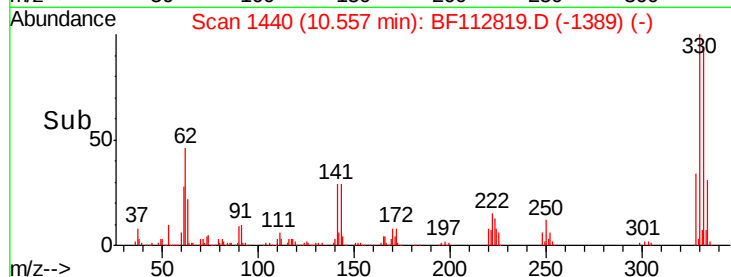
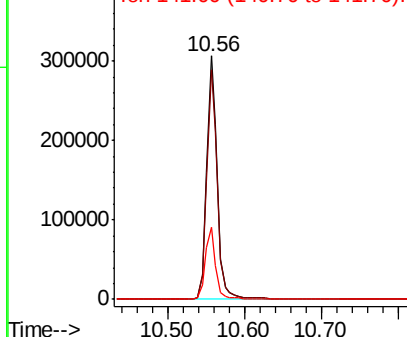
Tot Ion:	330	Resp:	290441
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	29.7	27.0	40.6

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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: 66.869 ng

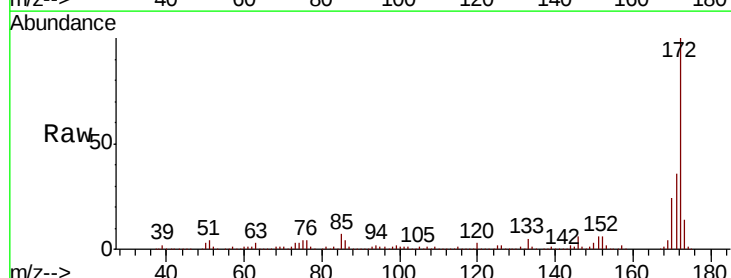
RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

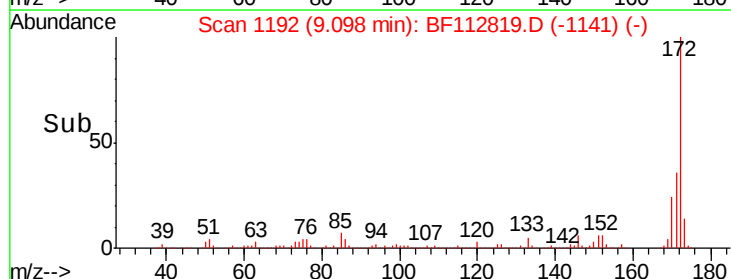
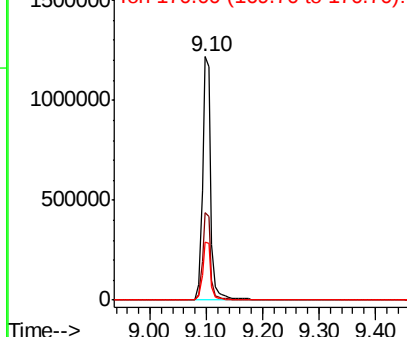
Lab File: BF112819.D

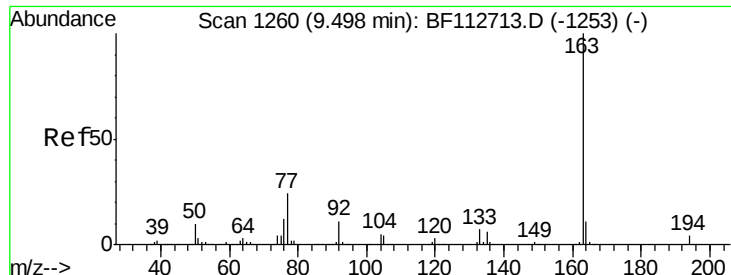
Acq: 4 Mar 2019 12:57

Tgt Ion:	172	Resp:	1250122
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.4
170	24.1	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





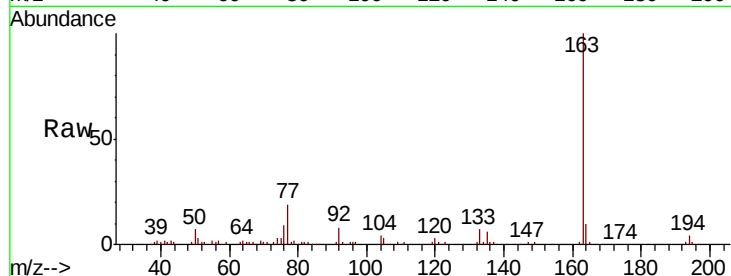
#50
Dimethylphthalate
Concen: 4.432 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

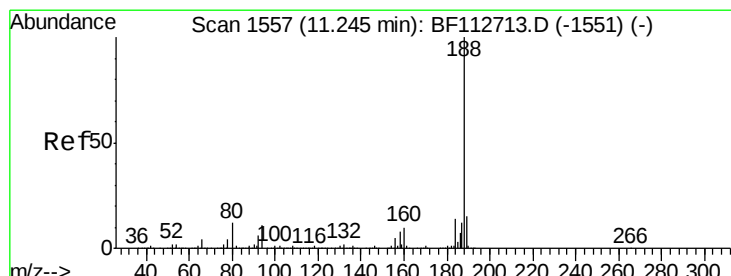
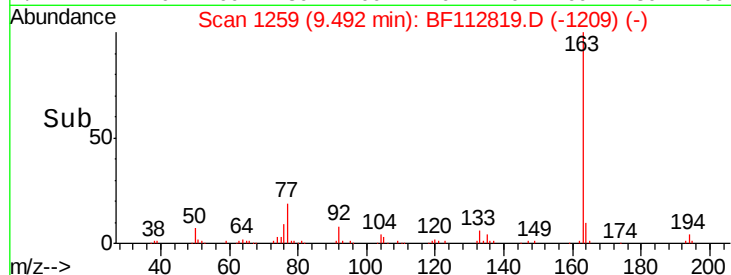
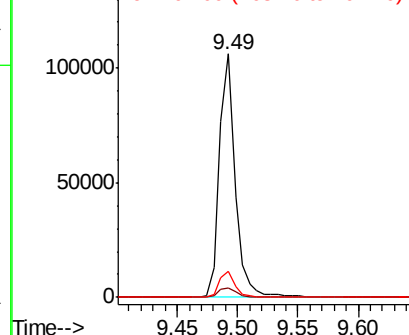
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0		3.0	4.4
164	10.5		8.4	12.6

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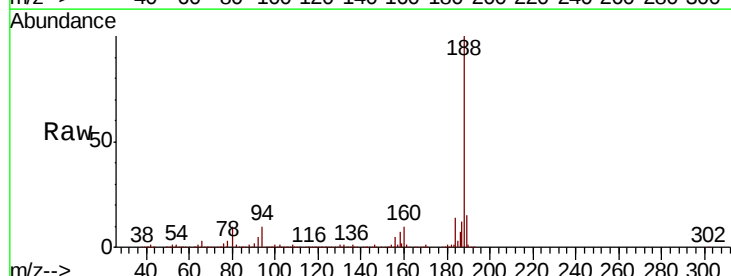


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

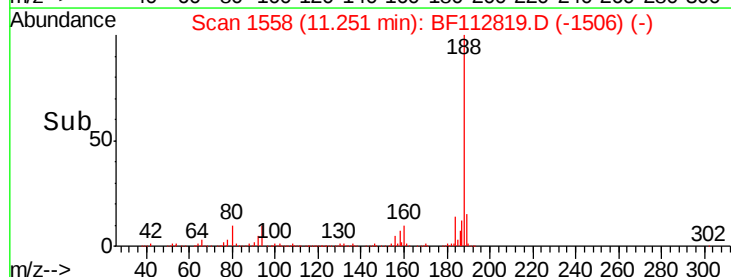
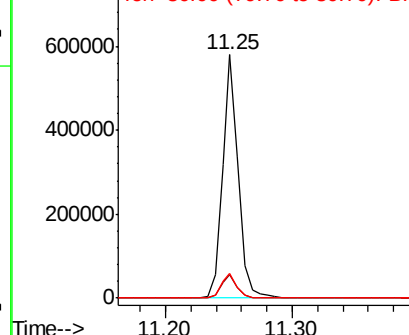


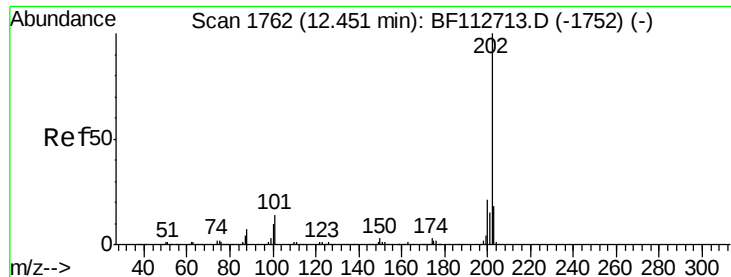
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.7		9.0	13.4
80	9.9		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





#75

Fluoranthene

Concen: 4.454 ng

RT: 12.46 min Scan# 1763

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Instrument :

BNA_F

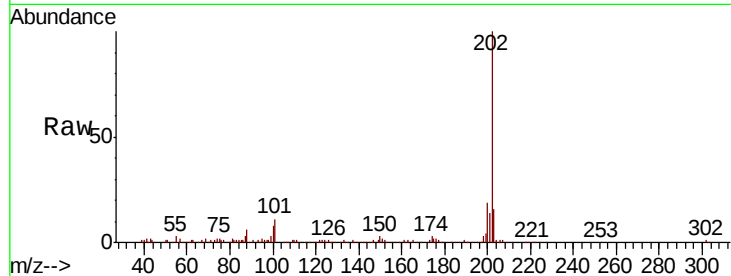
ClientSampleId :

FK-GF-02-033-A

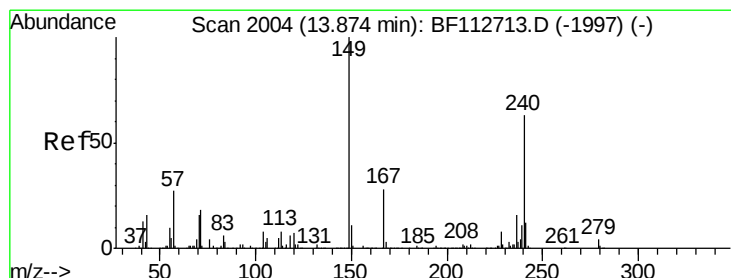
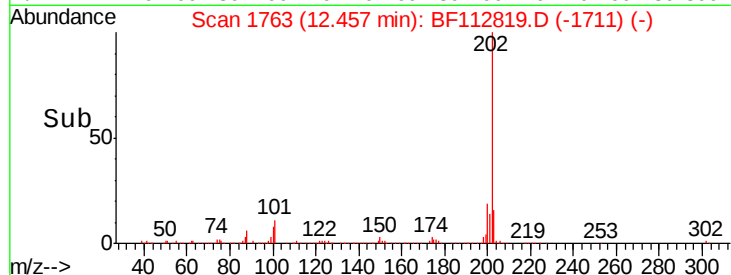
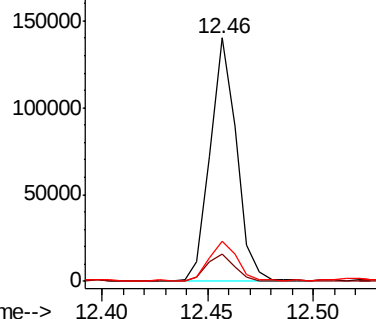
Tot Ion:	202	Resp:	119327
Ion Ratio		Lower	Upper
202	100		
101	11.4	0.0	33.8
203	16.4	0.0	38.4

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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

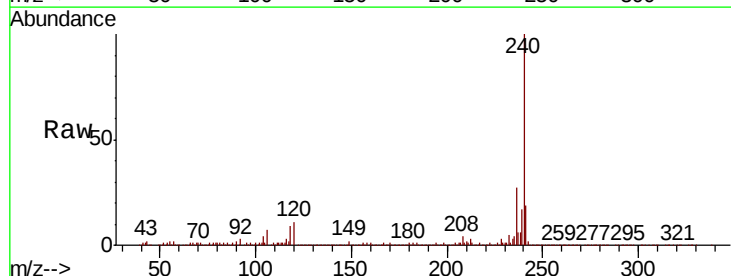
RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

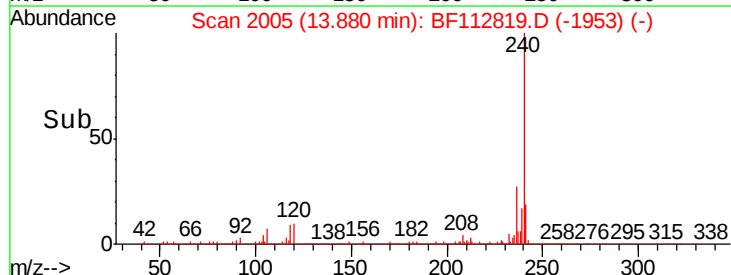
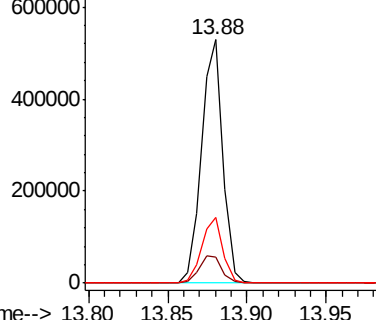
Lab File: BF112819.D

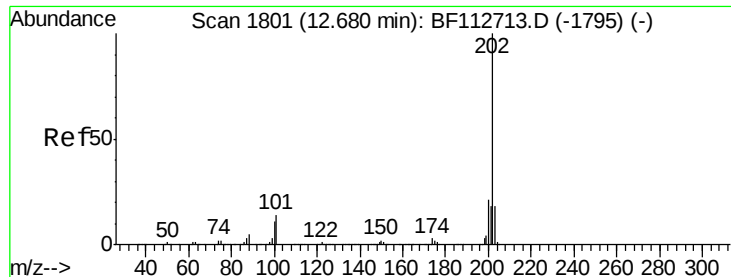
Acq: 4 Mar 2019 12:57

Tgt Ion:	240	Resp:	490028
Ion Ratio		Lower	Upper
240	100		
120	10.6	8.9	13.3
236	27.2	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: 2.746 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Instrument :

BNA_F

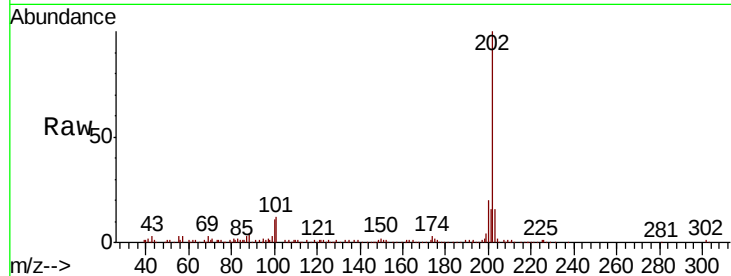
ClientSampleId :

FK-GF-02-033-A

Tot Ion:	202	Resp:	113441
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.0	25.4
203	16.5	14.4	21.6

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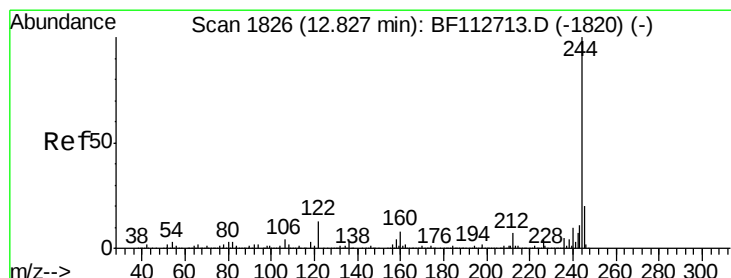
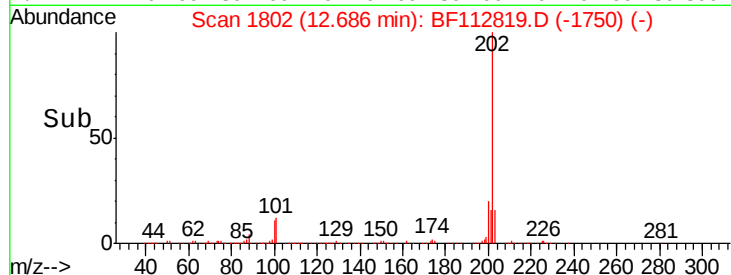
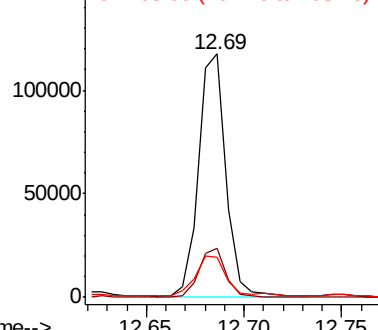


Abundance

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: 44.085 ng

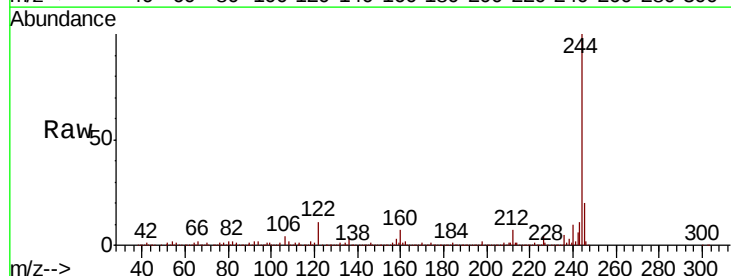
RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Tgt Ion:	244	Resp:	1114404
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.5	10.5	15.7

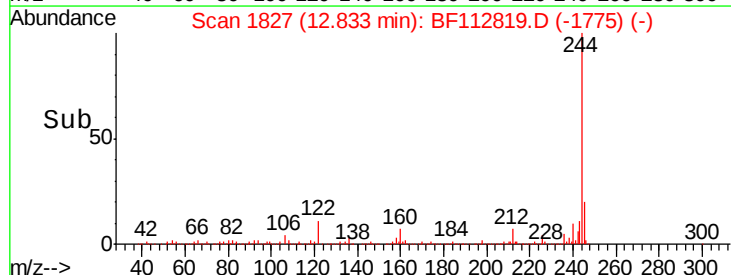
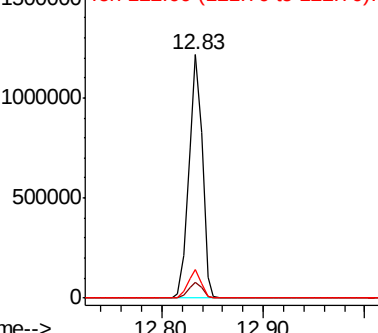


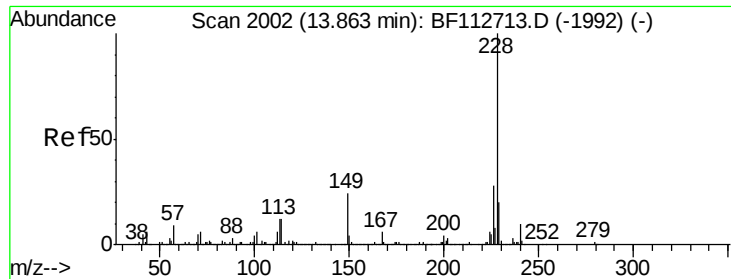
Abundance

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: 2.170 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

Instrument :

BNA_F

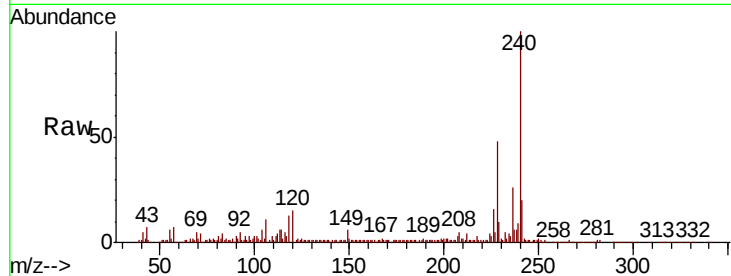
ClientSampleId :

FK-GF-02-033-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.2	33.4#
229	20.7	16.0	24.0

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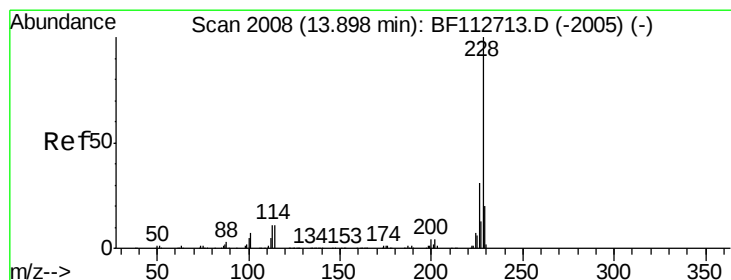
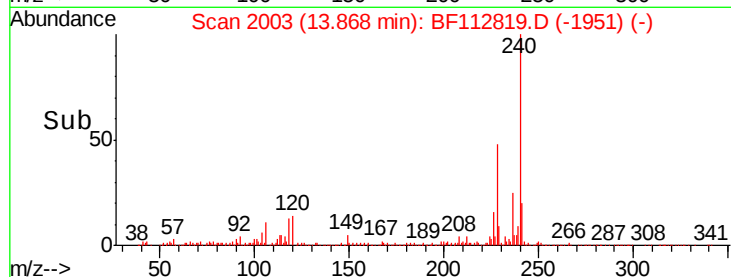
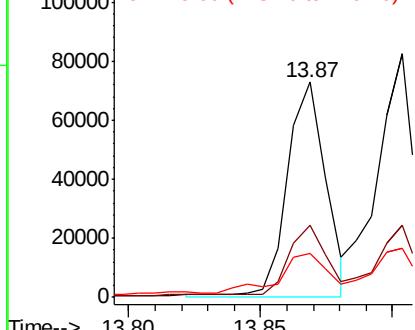


Abundance

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: 2.372 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF112819.D

Acq: 4 Mar 2019 12:57

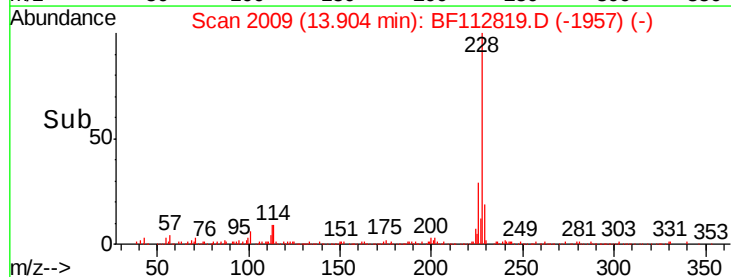
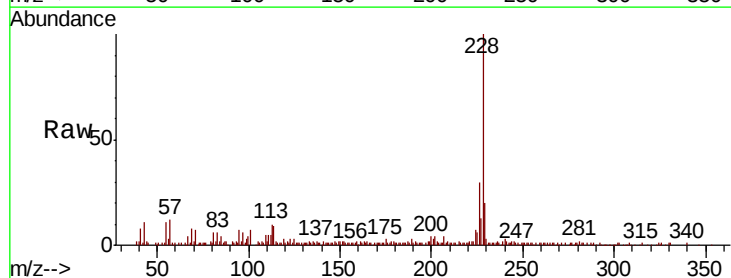
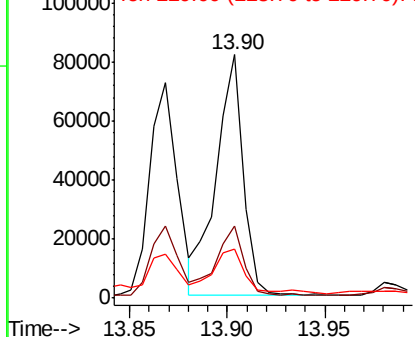
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	20.1	16.3	24.5

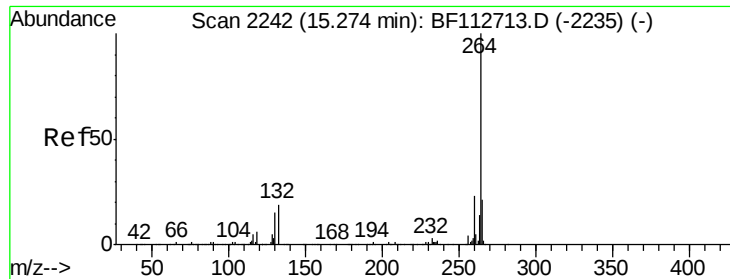
Abundance

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





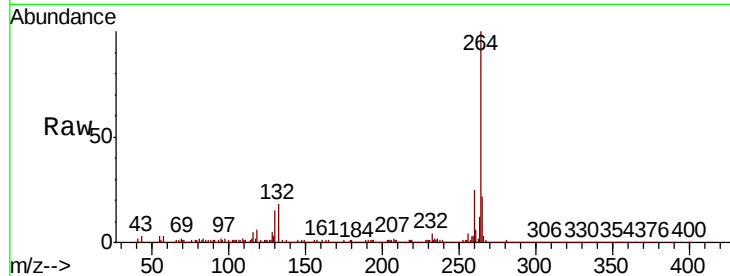
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.7	28.1
265	22.4	17.2	25.8

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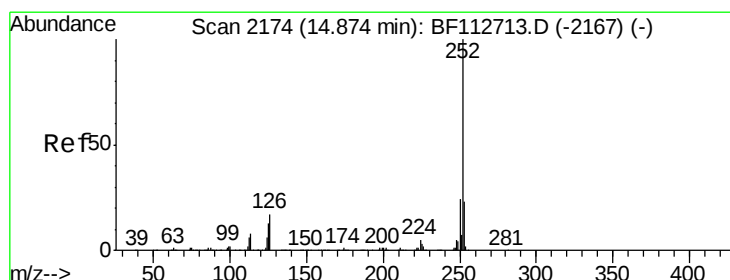
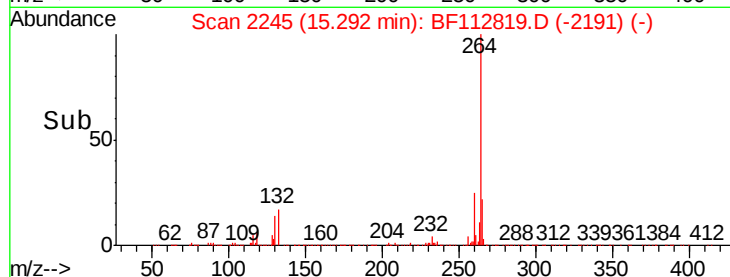
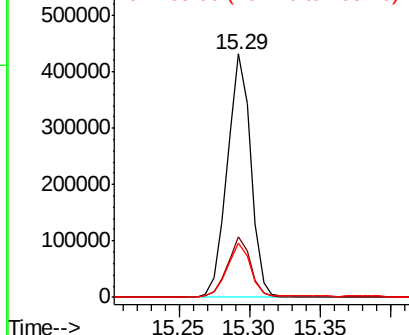


Abundance

Ion 264.00 (263.70 to 264.70): E

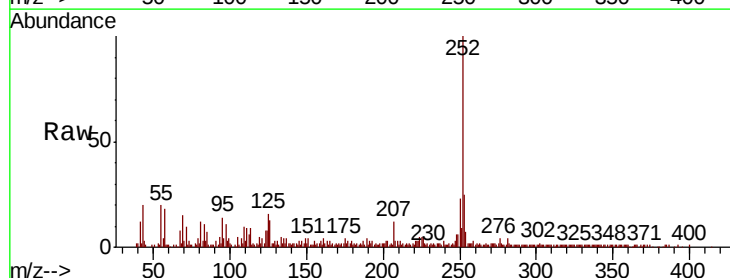
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.135 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	15.6	10.2	15.2#

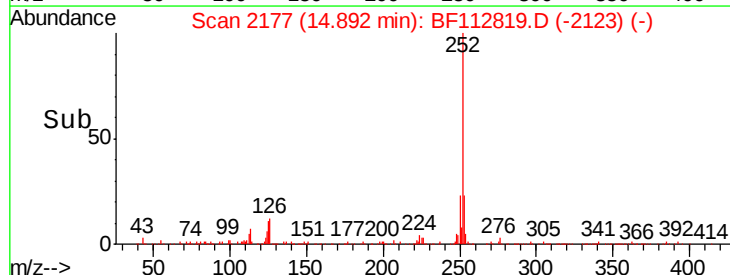
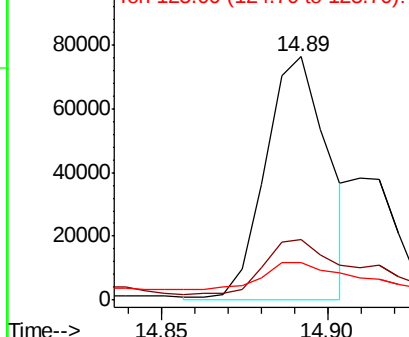


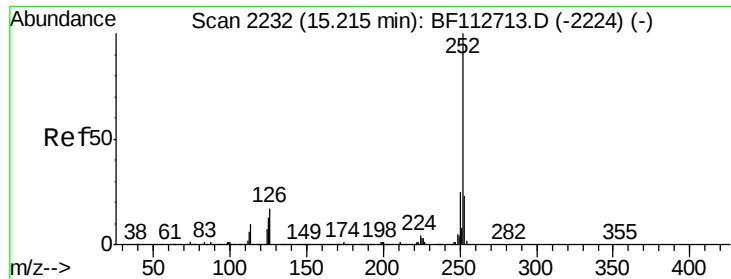
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
Benzo(a)pyrene
Concen: 2.264 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.02 min
Lab File: BF112819.D
Acq: 4 Mar 2019 12:57

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-033-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	15.7	10.7	16.1

Manual Integrations
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3/5/2019 11:00:36 AM

