

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114761.D
 Acq On : 1 Jun 2019 17:05
 Operator : HP/JU
 Sample : K3108-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-010-ABCD

Manual Integrations
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mohammad
 6/3/2019 8:51:32 AM

Quant Time: Jun 03 04:11:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	386490	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1340057	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	599758	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1063355	20.00	ng	0.00
76) Chrysene-d12	13.82	240	898940	20.00	ng	0.00
87) Perylene-d12	15.20	264	867595	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2624942	119.24	ng	0.02
7) Phenol-d6	6.34	99	3127016	117.88	ng	0.01
23) Nitrobenzene-d5	7.26	82	1924776	89.61	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	736606	128.90	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3066037	98.59	ng	0.00
79) Terphenyl-d14	12.78	244	2997906	62.70	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.44	163	603324	14.436	ng	99
71) Phenanthrene	11.22	178	134405	2.478	ng	95
75) Fluoranthene	12.40	202	285164	5.077	ng	95
78) Pyrene	12.62	202	259582	3.414	ng	96
81) Benzo(a)anthracene	13.80	228	140897	2.040	ng	97
88) Benzo(b)fluoranthene	14.82	252	161035m	2.947	ng	

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

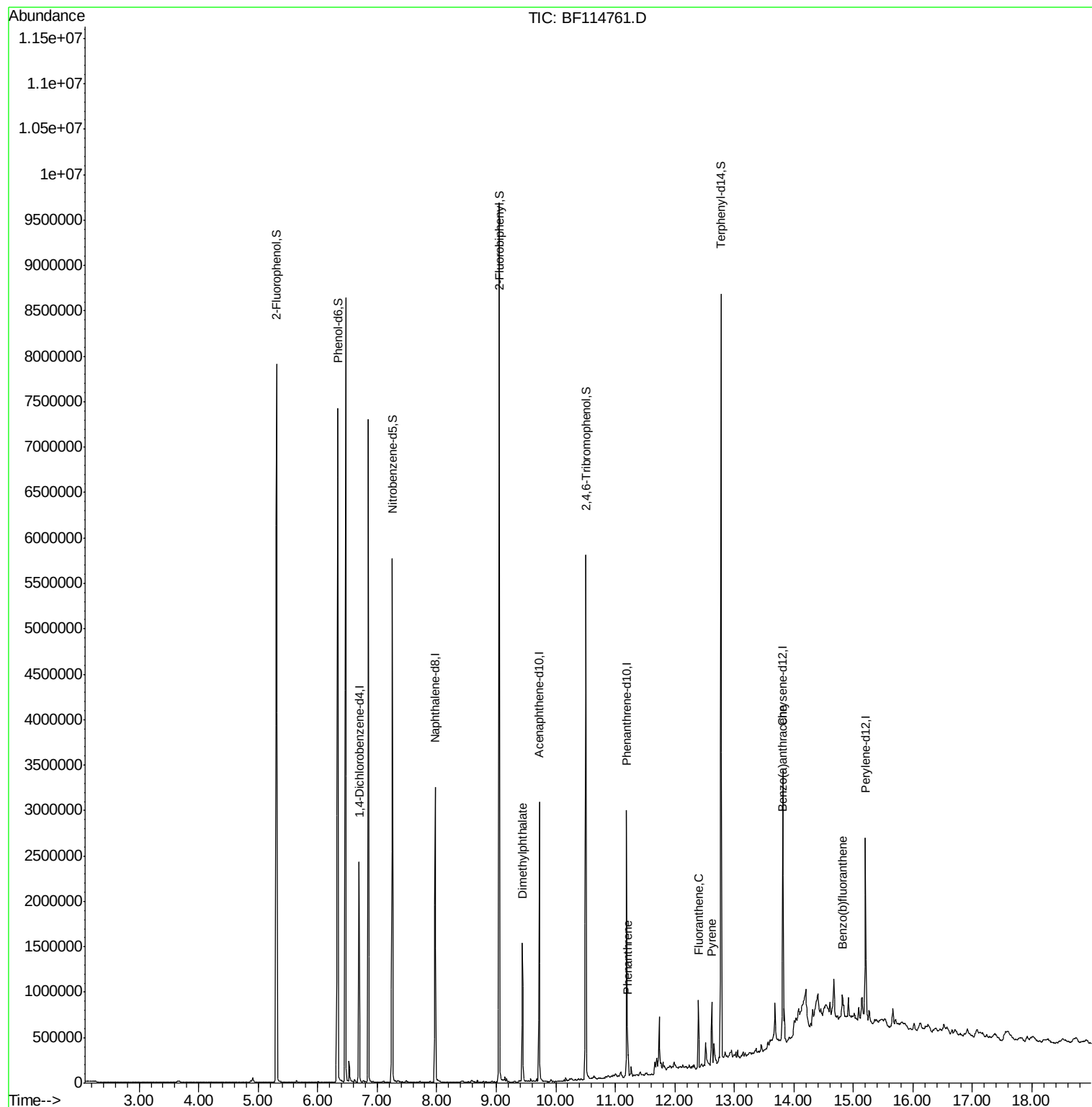
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
Data File : BF114761.D
Acq On : 1 Jun 2019 17:05
Operator : HP/JU
Sample : K3108-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

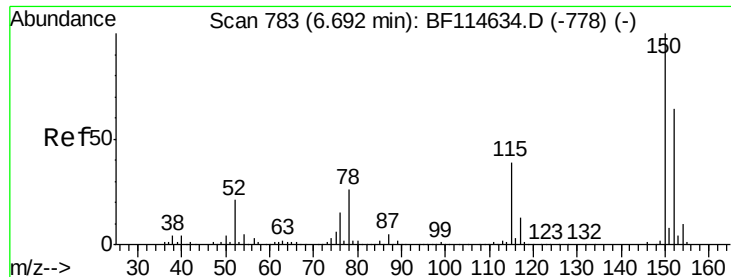
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

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Quant Time: Jun 03 04:11:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration





#1

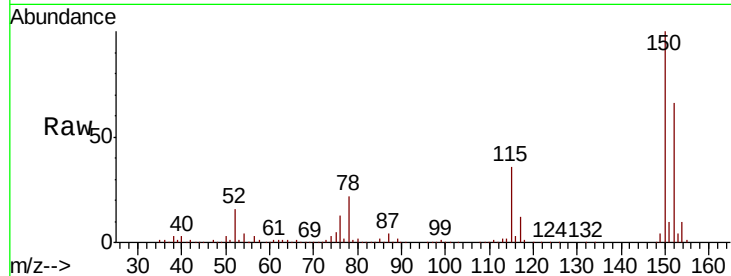
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.4	186.6
115	55.4	48.7	73.1

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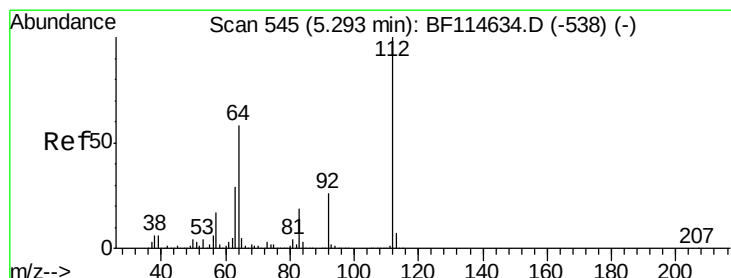
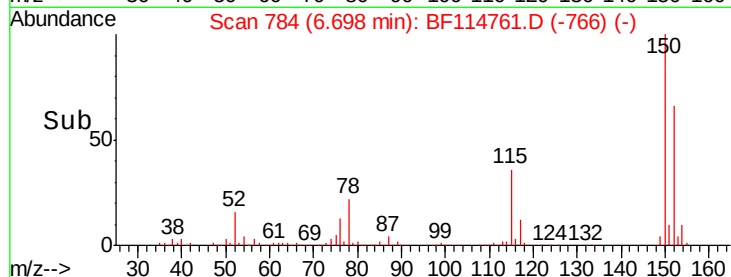
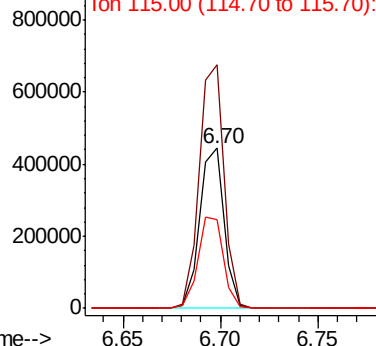


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

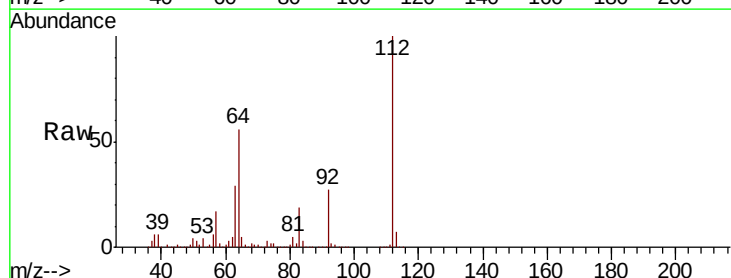
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.243 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.02 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	46.1	69.1
63	29.1	23.4	35.2

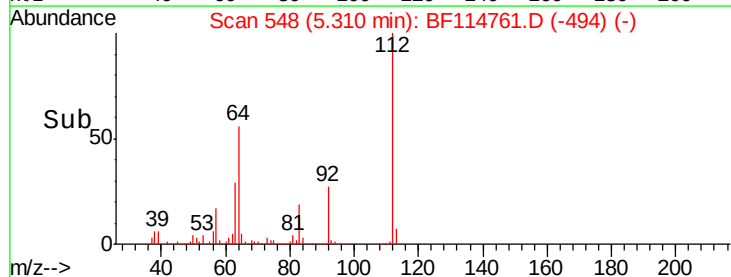
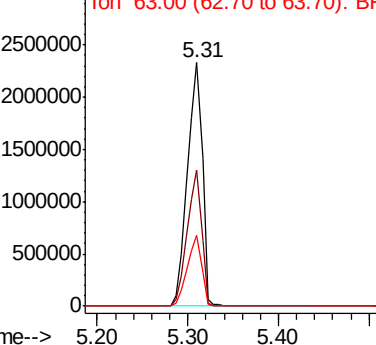


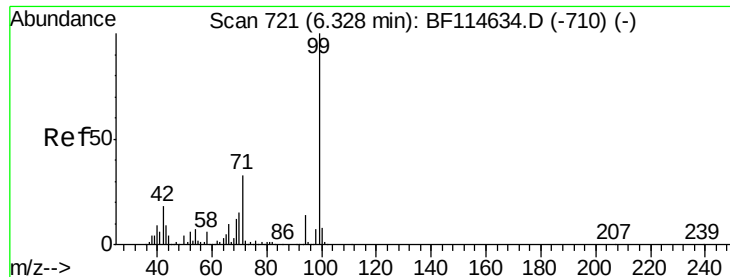
Abundance

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: 117.881 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-010-ABCD

Tot Ion: 99 Resp: 3127016

Ion Ratio Lower Upper

99 100

42 17.1 14.7 22.1

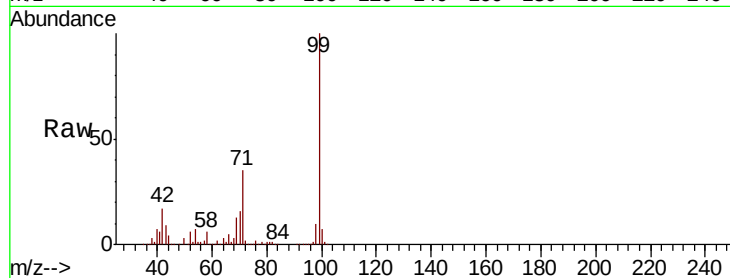
71 35.1 26.6 40.0

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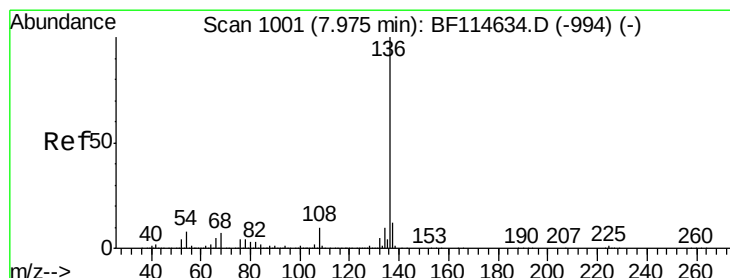
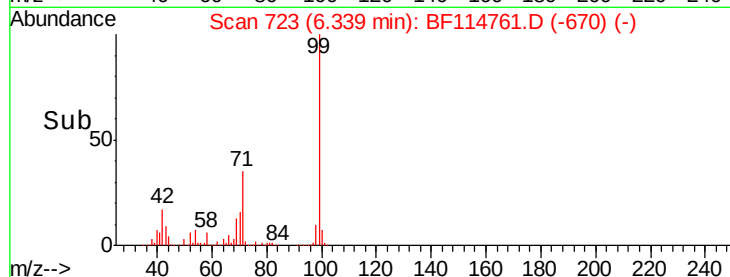
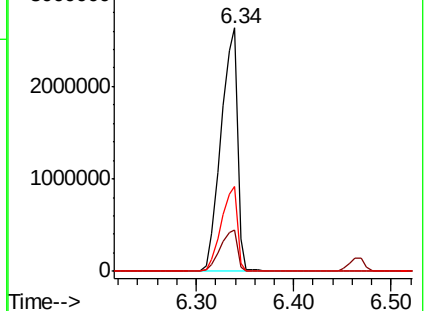
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Tgt Ion:136 Resp: 1340057

Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 6.8 6.3 9.5

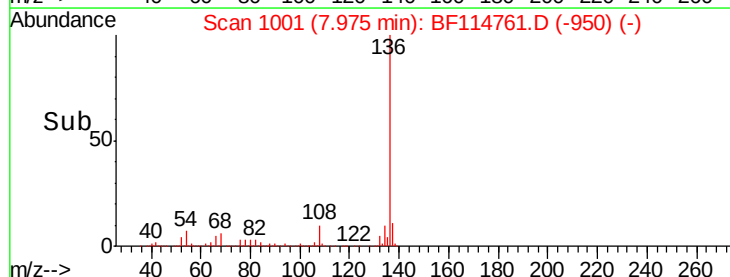
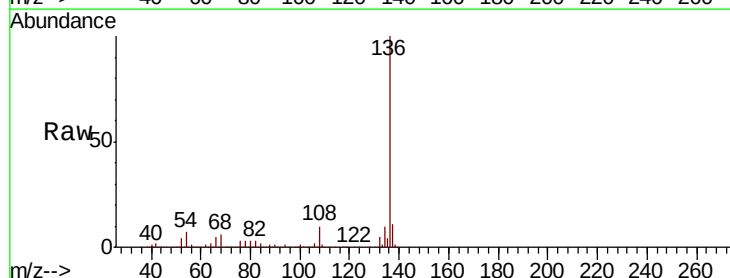
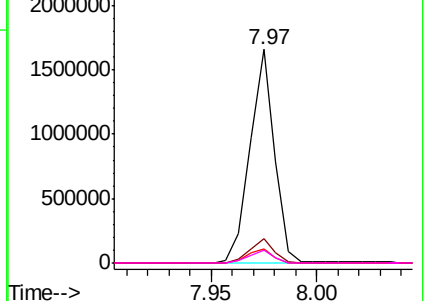
68 5.7 5.4 8.0

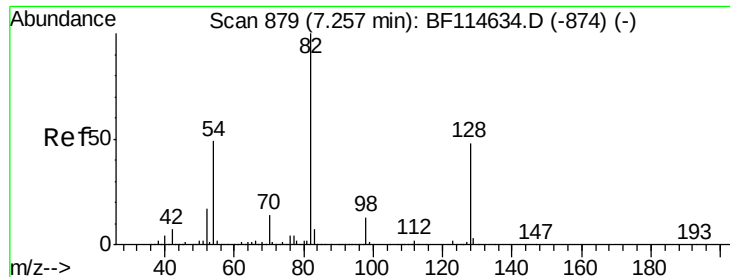
Abundance Ion 136.00 (135.70 to 136.70): E

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





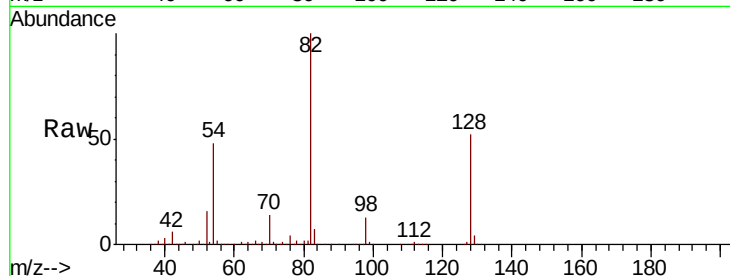
#23
 Nitrobenzene-d5
 Concen: 89.612 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF114761.D
 Acq: 1 Jun 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-010-ABCD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.0	38.5	57.7
54	47.5	39.1	58.7

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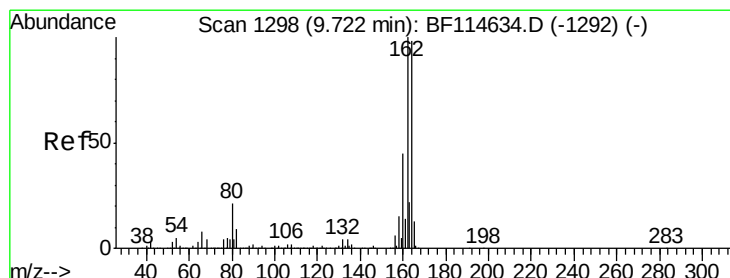
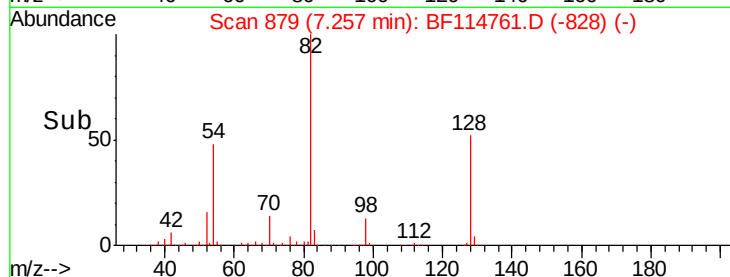
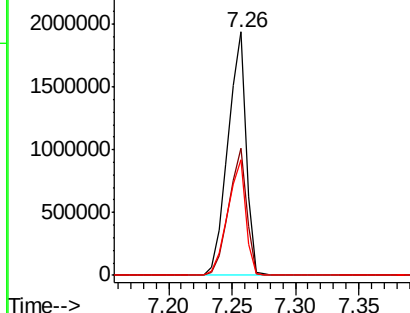


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BF114761.D
 Acq: 1 Jun 2019 17:05

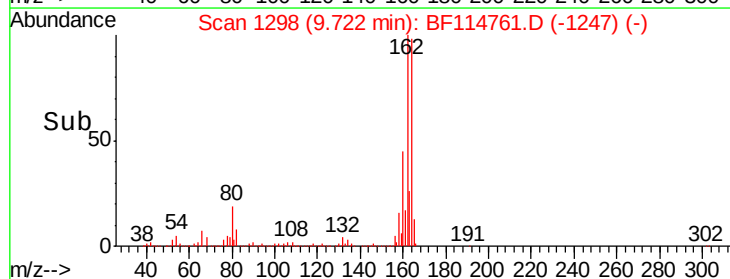
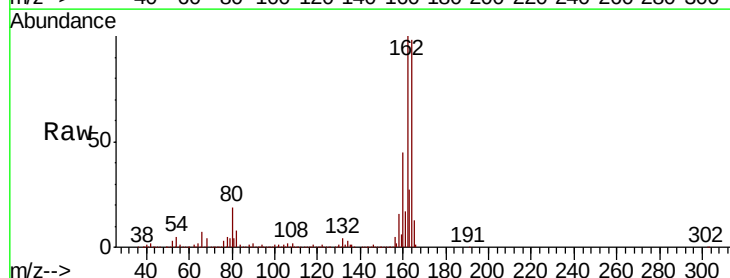
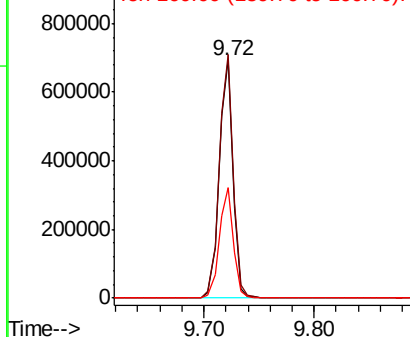
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.2
160	46.5	36.6	54.8

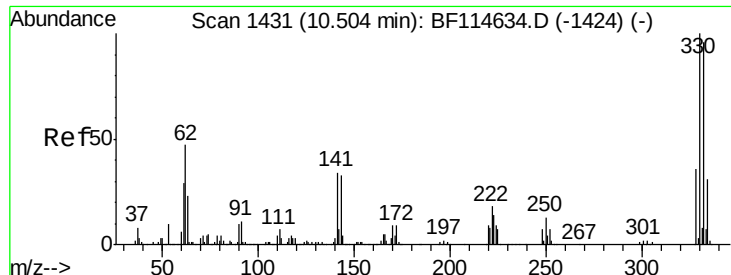
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 128.896 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Instrument :

BNA_F

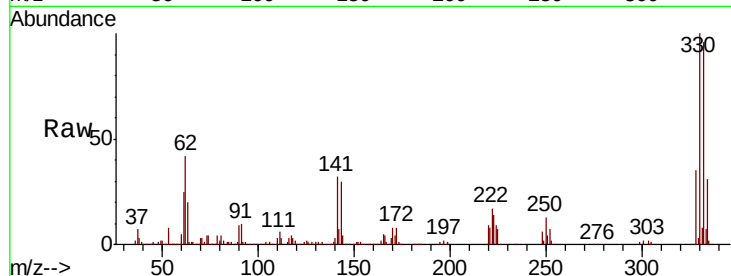
ClientSampleId :

FK-EF-01-010-ABCD

Tot Ion:	330	Resp:	736606
Ion Ratio	Lower	Upper	
330	100		
332	96.0	75.8	113.8
141	32.9	27.8	41.8

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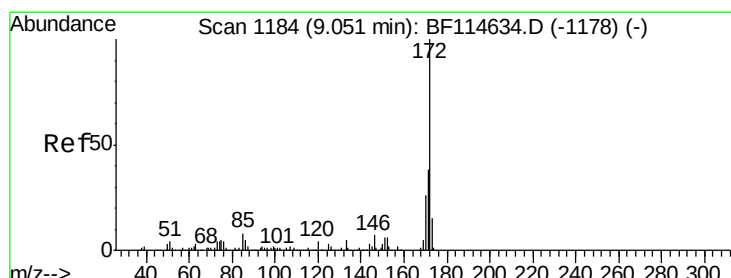
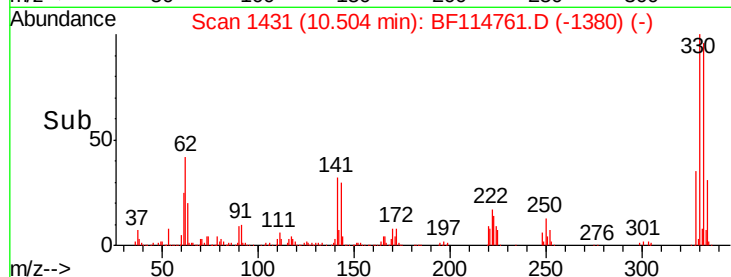
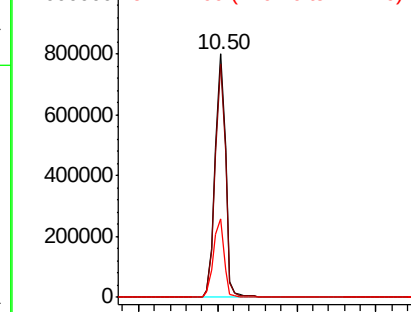


Abundance

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: 98.589 ng

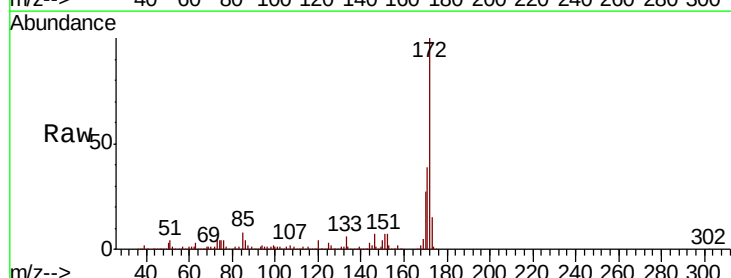
RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Tgt Ion:	172	Resp:	3066037
Ion Ratio	Lower	Upper	
172	100		
171	39.1	30.6	45.8
170	26.9	20.7	31.1

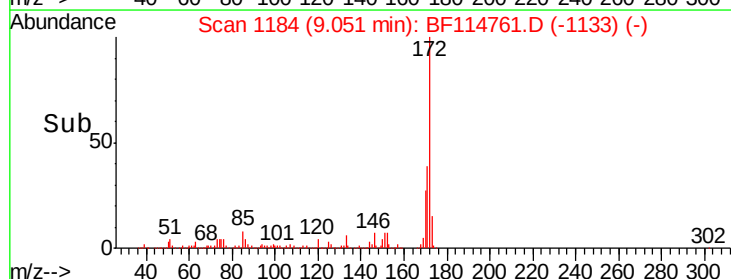
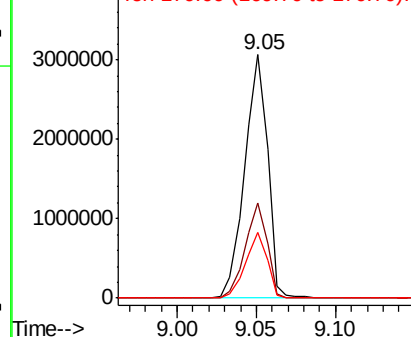


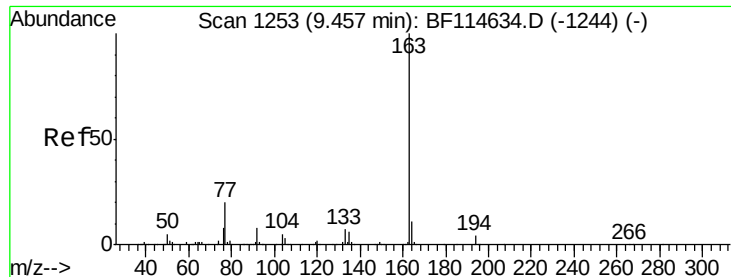
Abundance

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: 14.436 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Instrument :

BNA_F

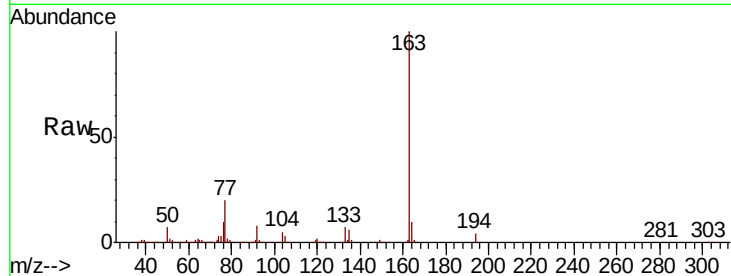
ClientSampleId :

FK-EF-01-010-ABCD

Tot Ion:	163	Resp:	603324
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.4	5.0
164	10.5	8.6	13.0

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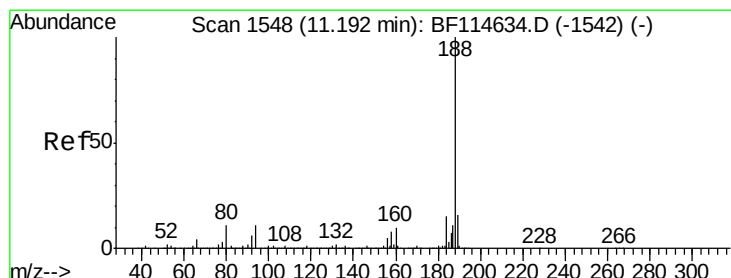
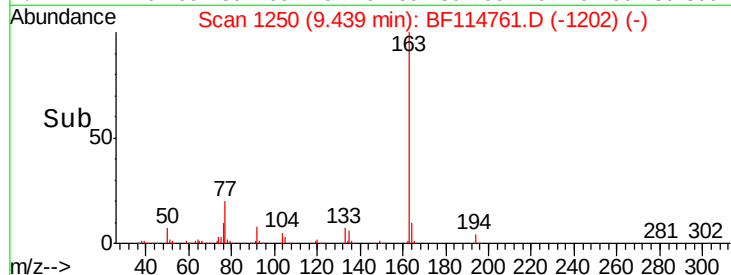
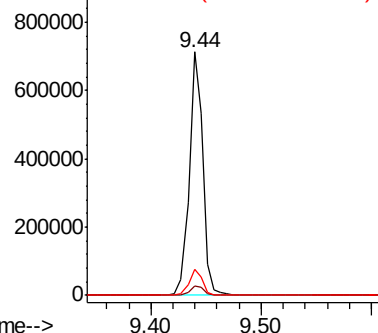


Abundance

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

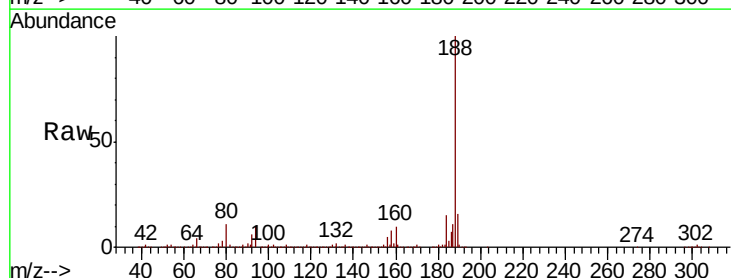
RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Tgt Ion:	188	Resp:	1063355
Ion Ratio	Lower	Upper	
188	100		
94	10.4	8.6	13.0
80	10.6	9.0	13.6

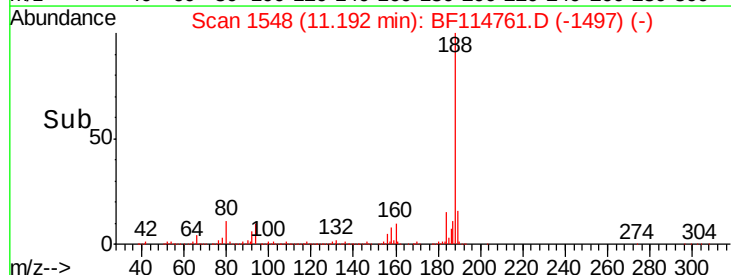
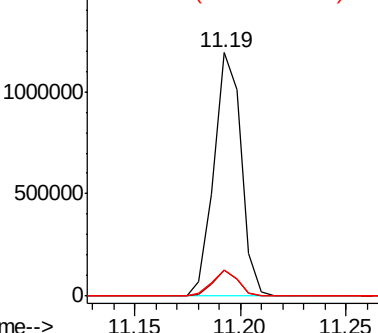


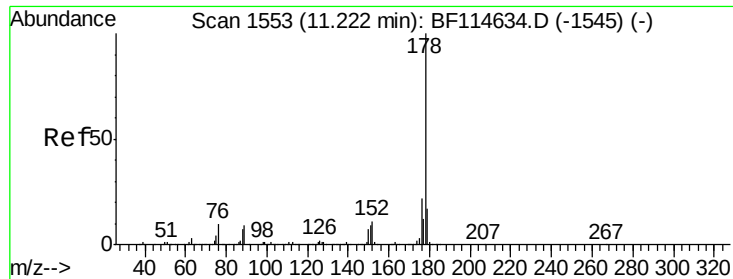
Abundance

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: 2.478 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Instrument :

BNA_F

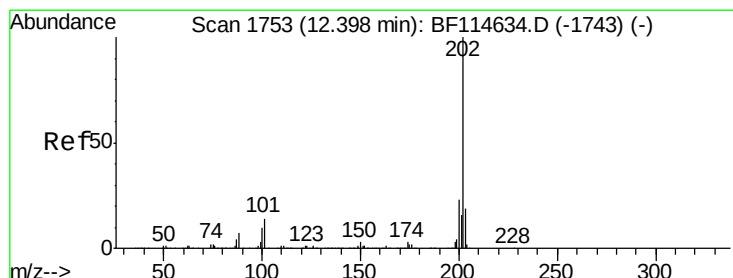
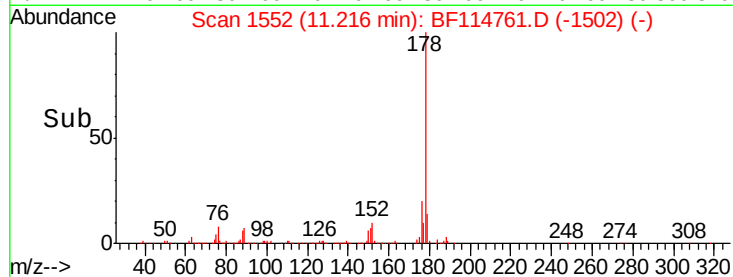
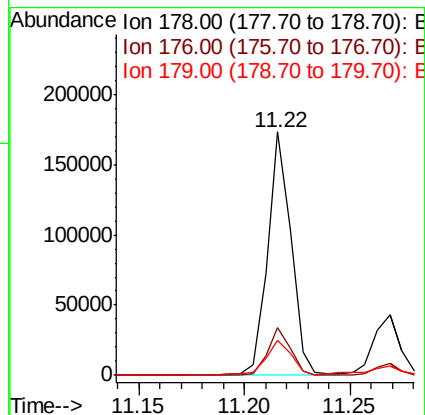
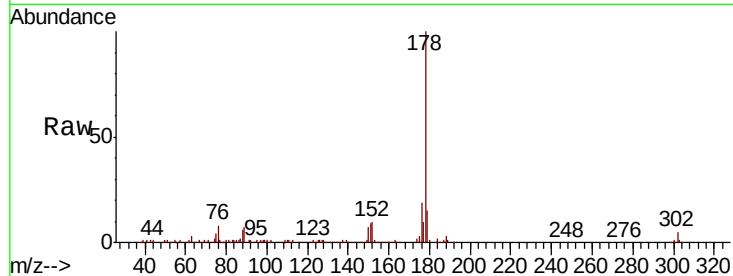
ClientSampleId :

FK-EF-01-010-ABCD

Tot Ion:	178	Resp:	134405
Ion Ratio	Lower	Upper	
178	100		
176	19.5	17.2	25.8
179	14.6	13.9	20.9

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#75

Fluoranthene

Concen: 5.077 ng

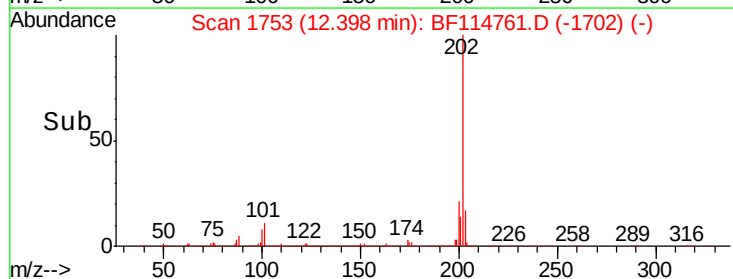
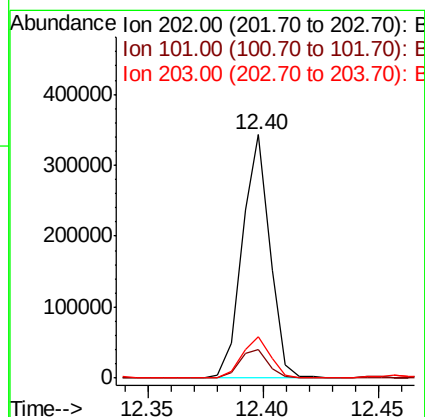
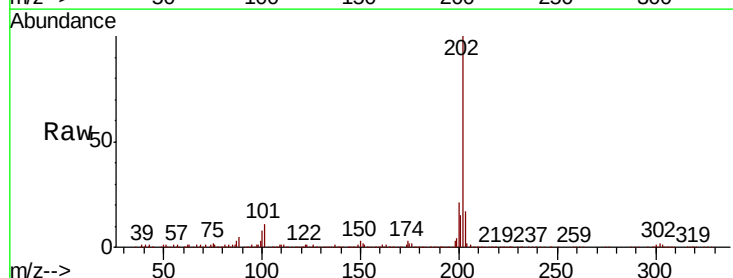
RT: 12.40 min Scan# 1753

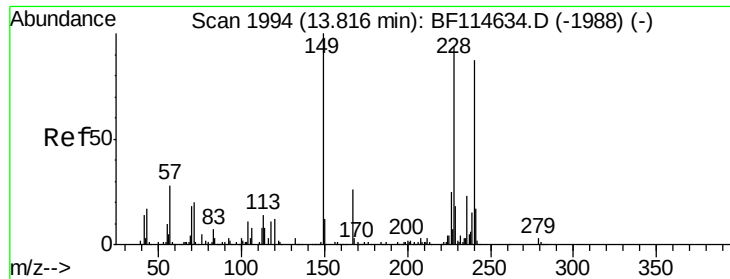
Delta R.T. 0.00 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Tgt Ion:	202	Resp:	285164
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.9
203	17.0	0.0	39.1





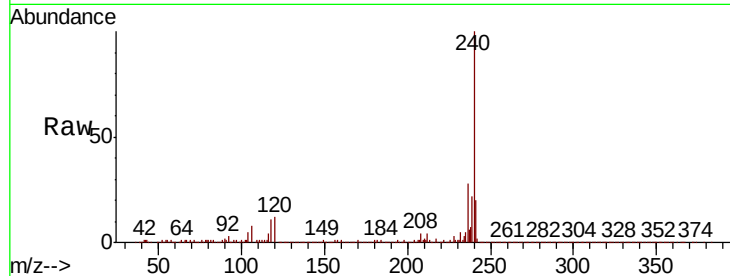
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-010-ABCD

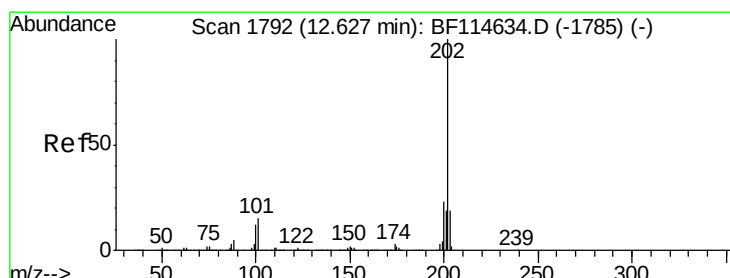
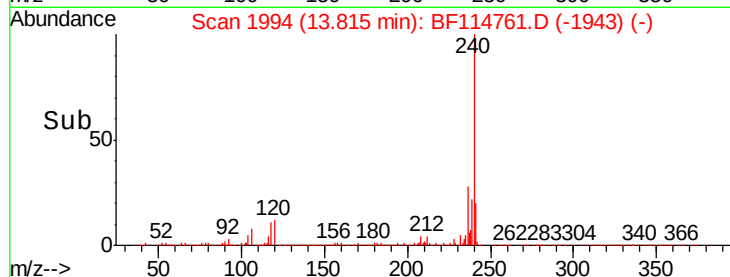
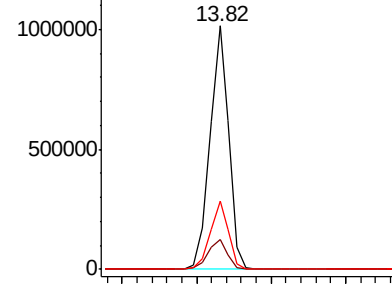
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	11.2	16.8
236	27.9	21.2	31.8

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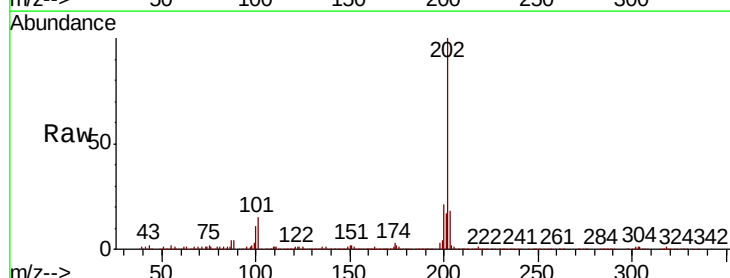


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

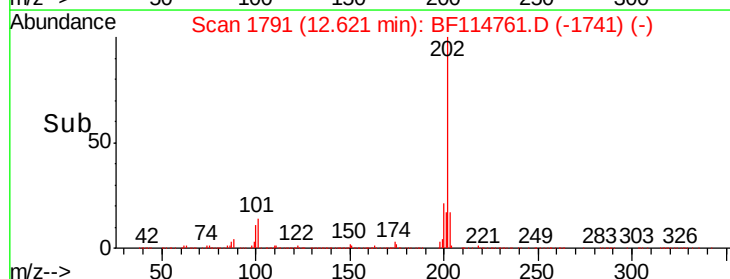
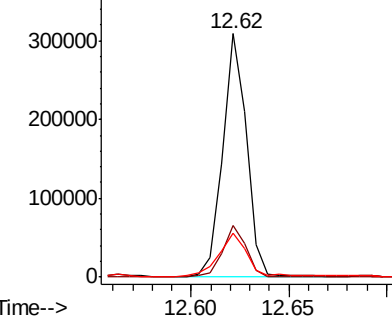


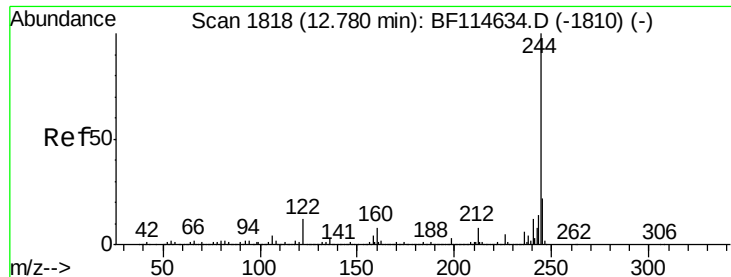
#78
Pyrene
Concen: 3.414 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF114761.D
Acq: 1 Jun 2019 17:05

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	18.6	28.0
203	17.9	15.4	23.2



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





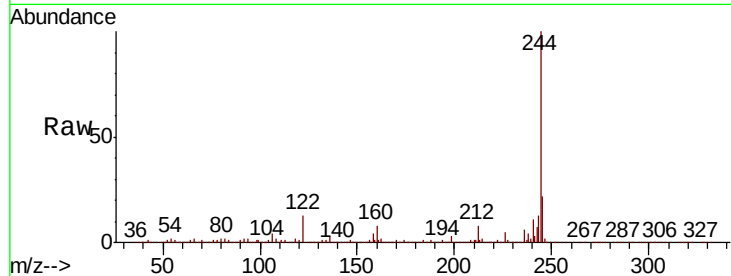
#79
 Terphenyl-d14
 Concen: 62.702 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF114761.D
 Acq: 1 Jun 2019 17:05

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-010-ABCD

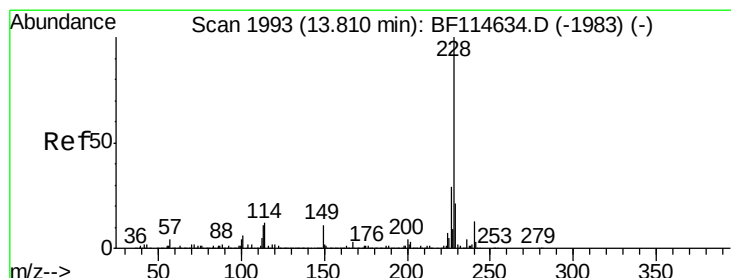
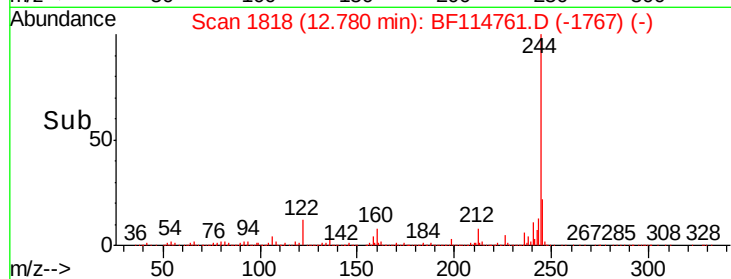
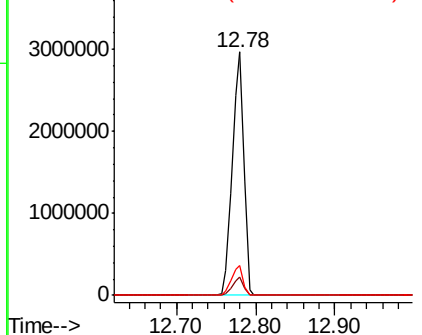
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.5	9.8	14.8

Manual Integrations
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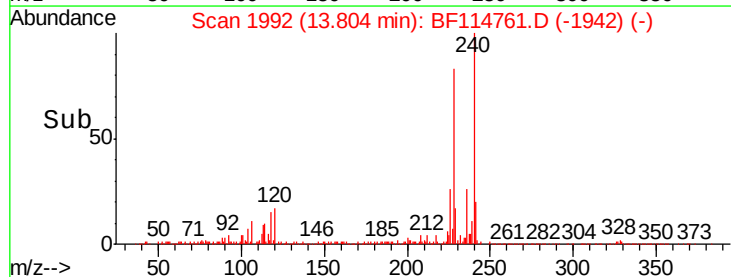
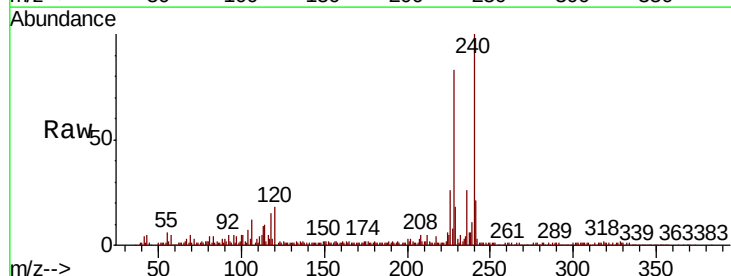
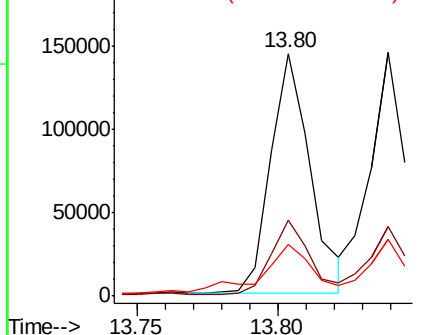
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

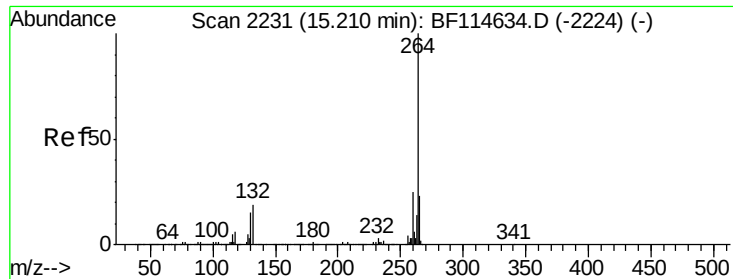


#81
 Benzo(a)anthracene
 Concen: 2.040 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF114761.D
 Acq: 1 Jun 2019 17:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.0	34.6
229	21.2	17.0	25.4

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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Instrument :

BNA_F

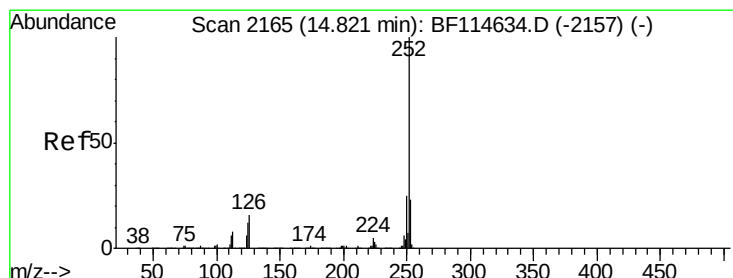
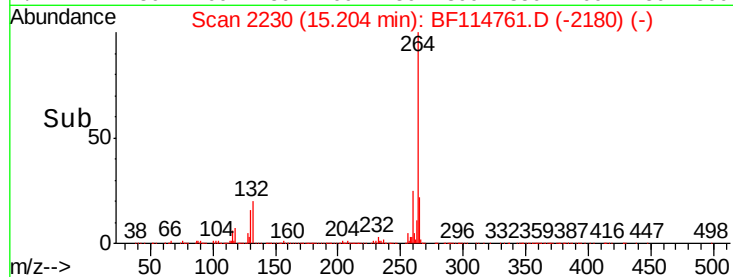
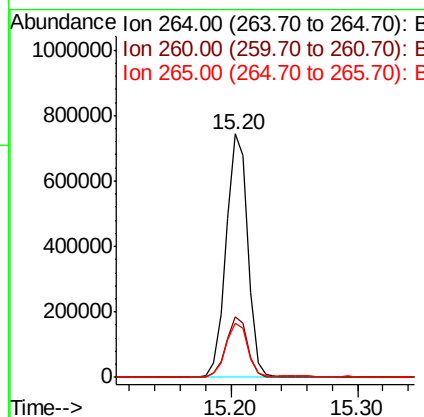
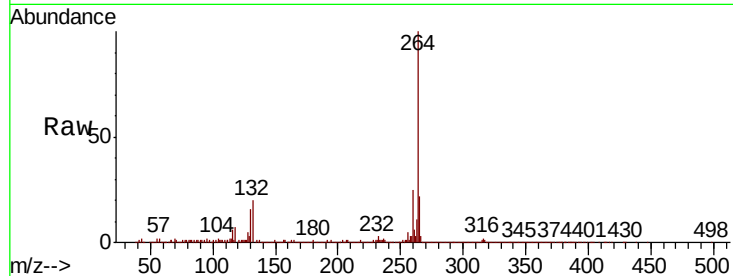
ClientSampleId :

FK-EF-01-010-ABCD

Tot Ion:	264	Resp:	867595
Ion Ratio	Lower	Upper	
264	100		
260	24.7	19.7	29.5
265	22.5	18.1	27.1

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.947 ng m

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114761.D

Acq: 1 Jun 2019 17:05

Tgt Ion:	252	Resp:	161035
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.7	28.1
125	16.0	9.4	14.2#

