

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114963.D
 Acq On : 12 Jun 2019 00:13
 Operator : HP/JU
 Sample : K3248-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-042-B

Manual Integrations
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mohammad
 6/12/2019 9:09:12 AM

Quant Time: Jun 12 05:36:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	270125	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1000308	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	454179	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	786583	20.00	ng	0.00
76) Chrysene-d12	13.79	240	559571	20.00	ng	0.00
87) Perylene-d12	15.17	264	448429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1914036	119.92	ng	0.00
7) Phenol-d6	6.31	99	2370999	123.16	ng	0.00
23) Nitrobenzene-d5	7.23	82	1440767	88.50	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	555336	112.40	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2381621	83.22	ng	0.00
79) Terphenyl-d14	12.75	244	2259972	80.32	ng	0.00
Target Compounds						
10) Phenol	6.32	94	62825	2.927	ng	Qvalue # 66
50) Dimethylphthalate	9.41	163	363679	10.654	ng	98
71) Phenanthrene	11.19	178	331471	8.686	ng	96
72) Anthracene	11.23	178	90351	2.333	ng	97
75) Fluoranthene	12.37	202	581011	14.719	ng	94
78) Pyrene	12.59	202	535105	10.980	ng	96
81) Benzo(a)anthracene	13.77	228	286619	6.927	ng	96
83) Chrysene	13.81	228	253911	6.111	ng	96
86) Indeno(1,2,3-cd)pyrene	16.47	276	101729	2.604	ng	93
88) Benzo(b)fluoranthene	14.79	252	272304m	9.327	ng	
89) Benzo(k)fluoranthene	14.80	252	94739m	3.739	ng	
90) Benzo(a)pyrene	15.11	252	178048	7.022	ng	# 95
92) Benzo(a,h,i)perylene	16.87	276	99170	4.645	ng	# 91

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

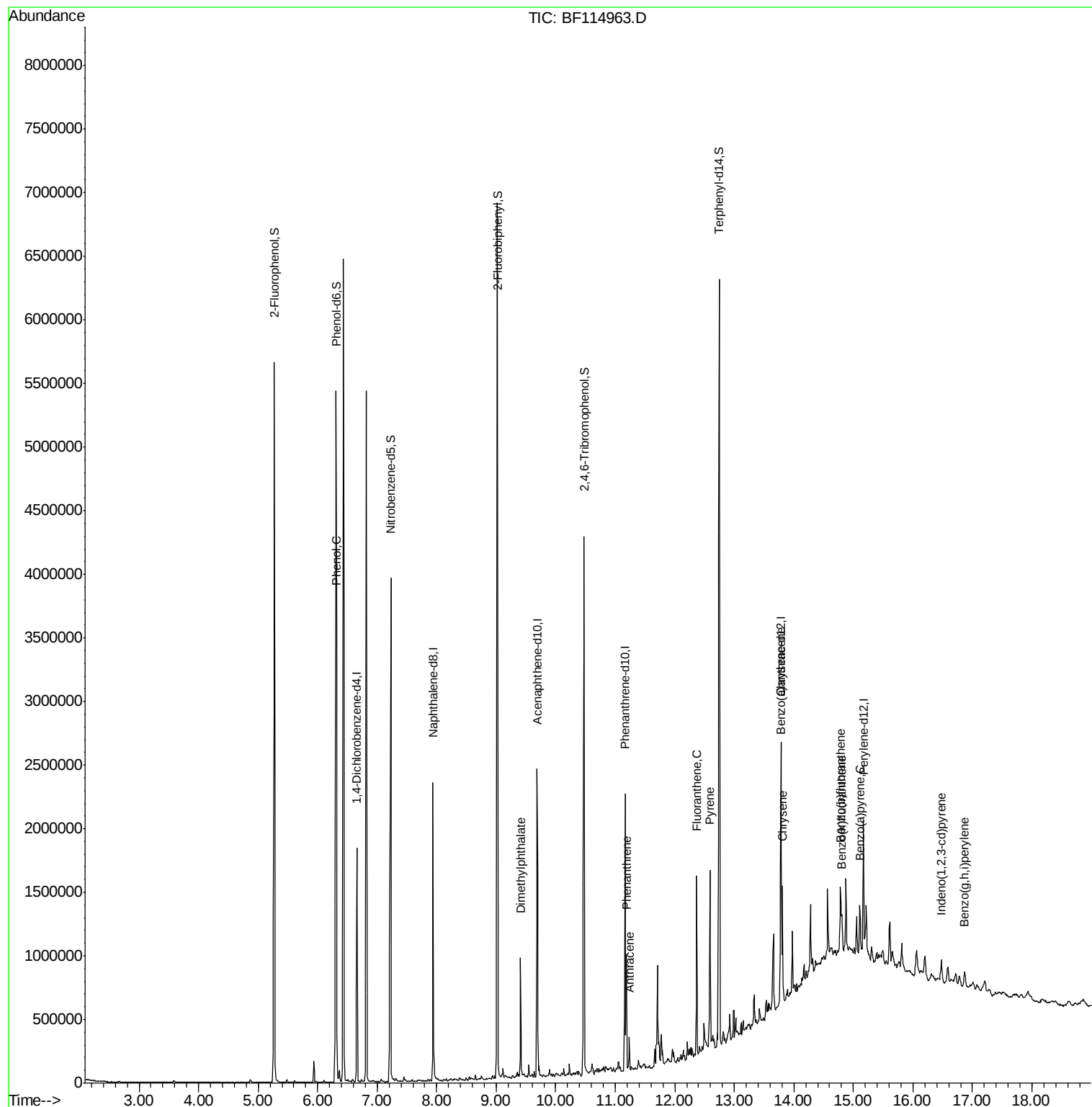
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114963.D
Acq On : 12 Jun 2019 00:13
Operator : HP/JU
Sample : K3248-03
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ALS Vial : 16 Sample Multiplier: 1

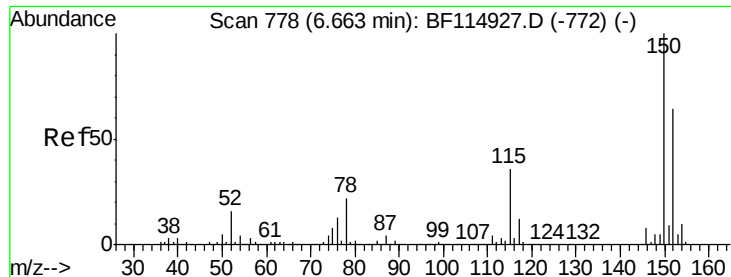
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

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Quant Time: Jun 12 05:36:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

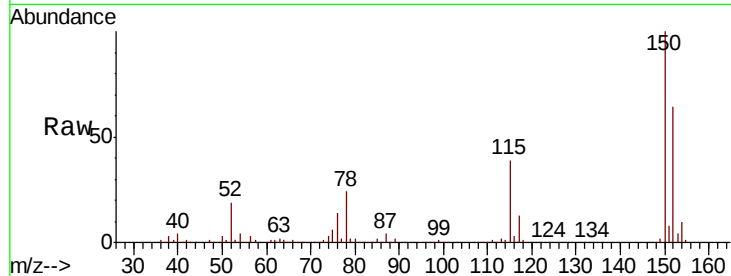
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.2	187.8
115	60.7	45.0	67.4

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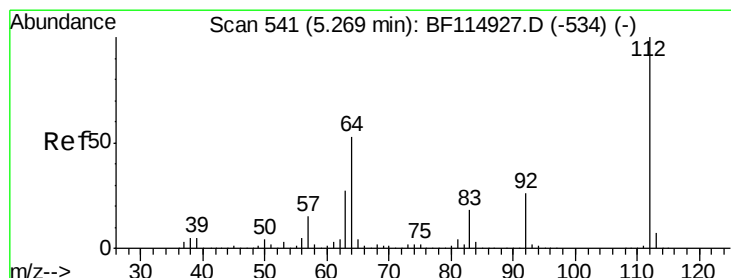
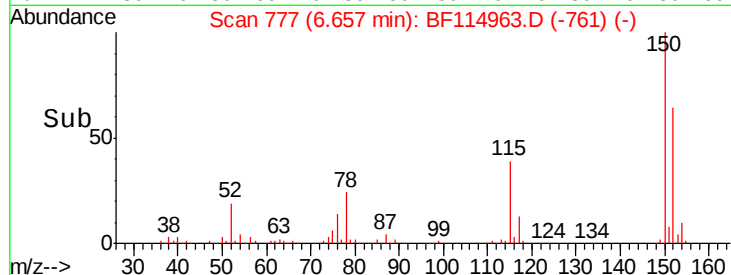
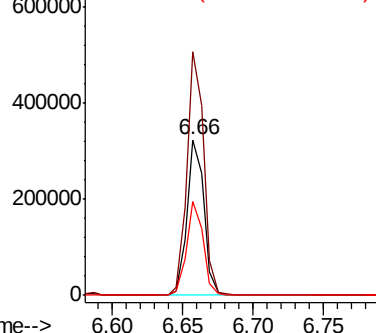


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

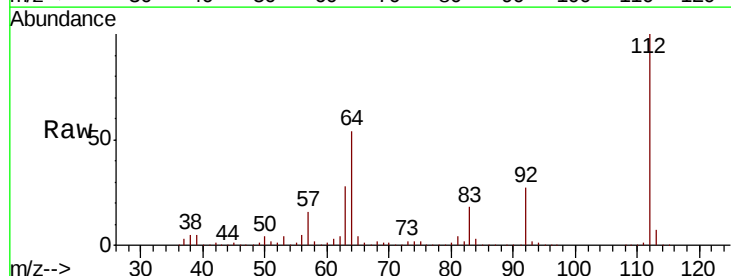
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 119.920 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.1	63.1
63	27.8	21.8	32.8

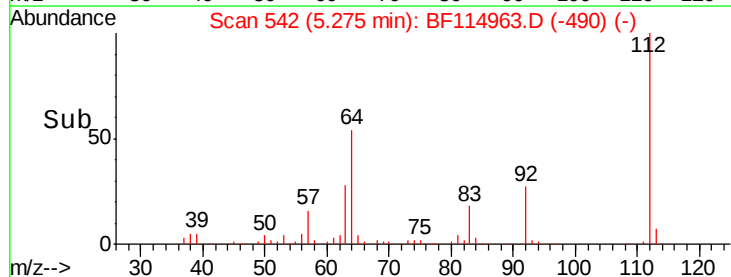
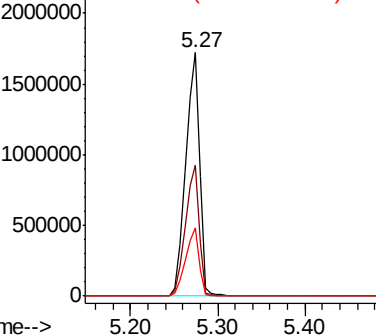


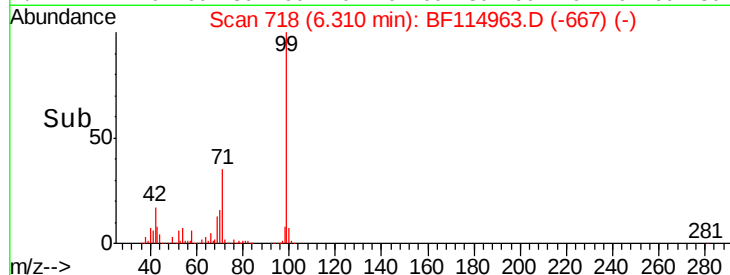
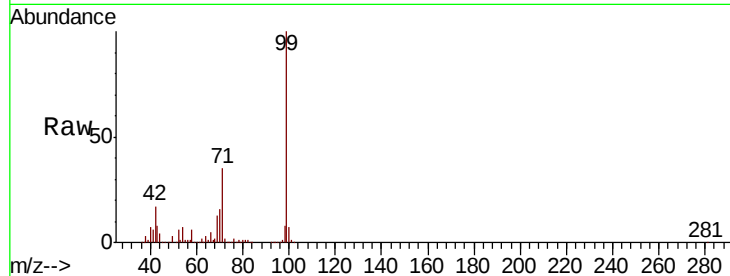
Abundance

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: 123.157 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

Tot Ion: 99 Resp: 2370999

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 35.1 26.8 40.2

Instrument :

BNA_F

ClientSampleId :

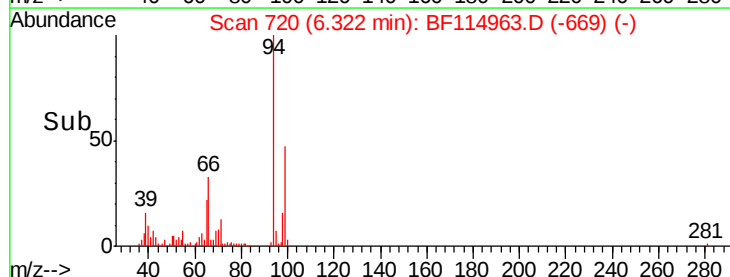
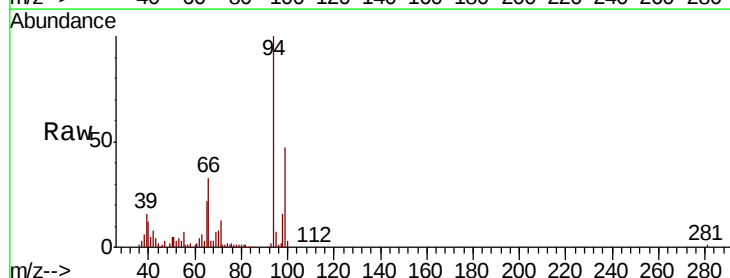
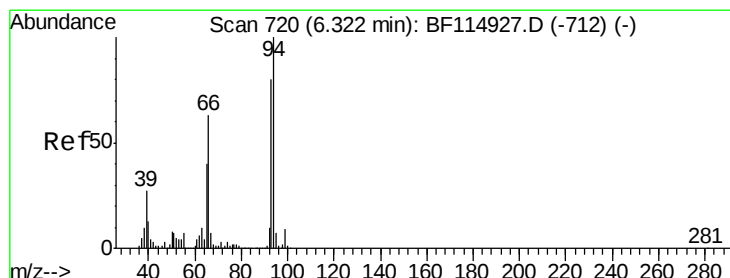
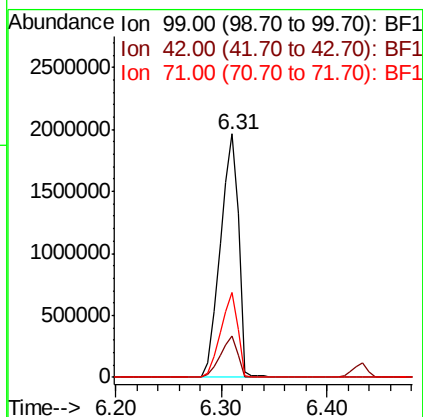
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#10

Phenol

Concen: 2.927 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

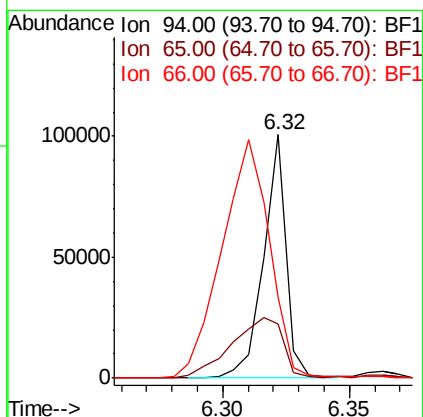
Tgt Ion: 94 Resp: 62825

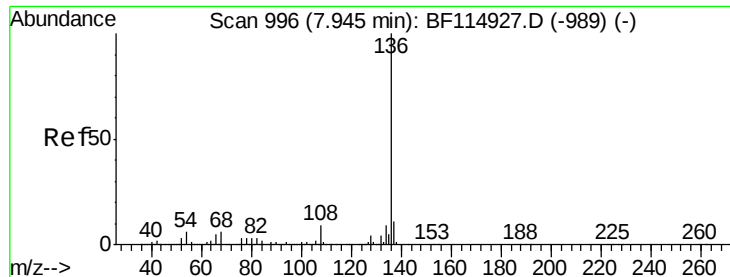
Ion Ratio Lower Upper

94 100

65 22.1 19.6 59.6

66 33.5 42.6 82.6#





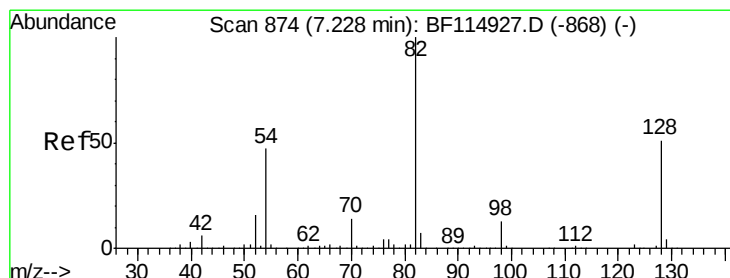
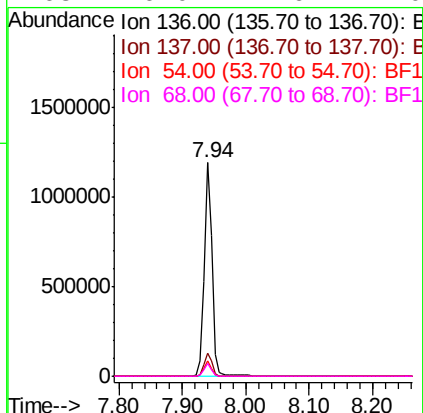
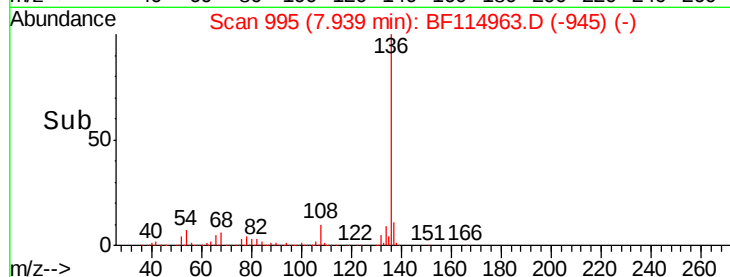
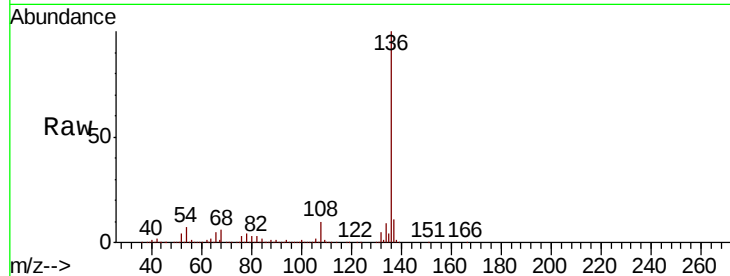
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	136	Resp	1000308
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.1	5.2	7.8
68	6.0	4.6	7.0

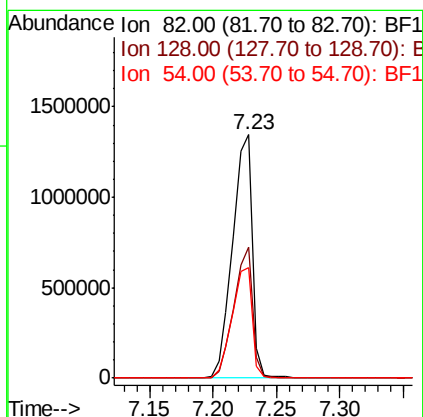
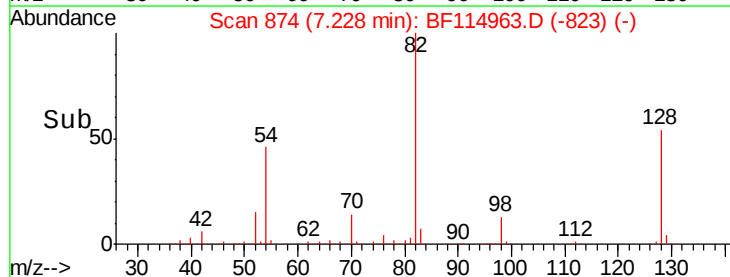
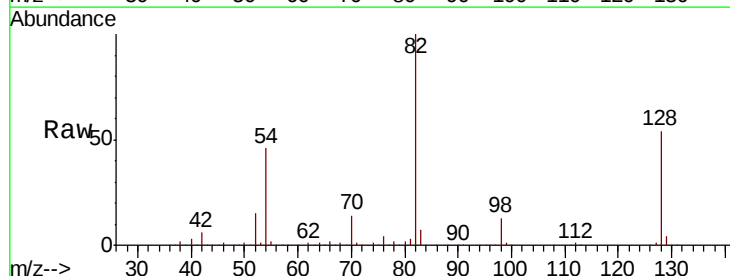
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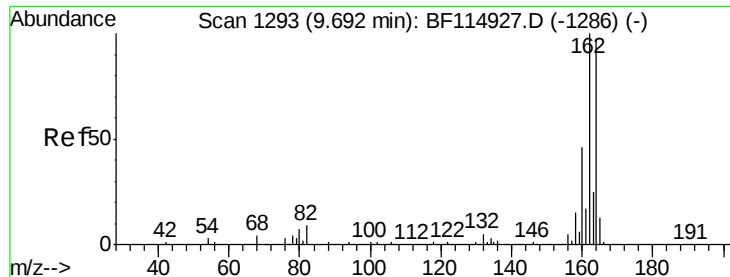
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#23
Nitrobenzene-d5
Concen: 88.496 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	82	Resp	1440767
Ion	Ratio	Lower	Upper
82	100		
128	53.9	40.9	61.3
54	45.5	37.4	56.0





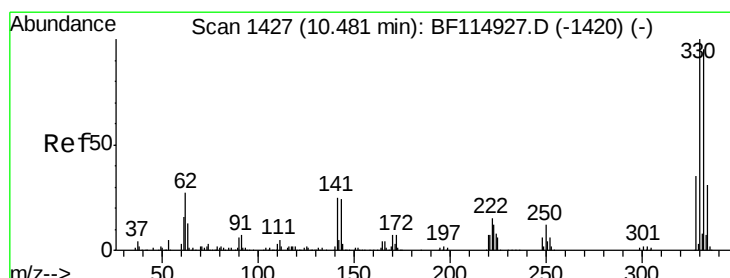
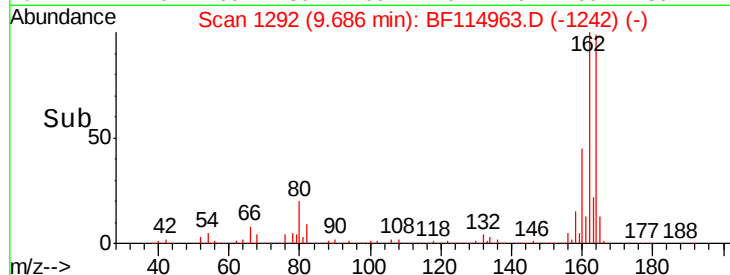
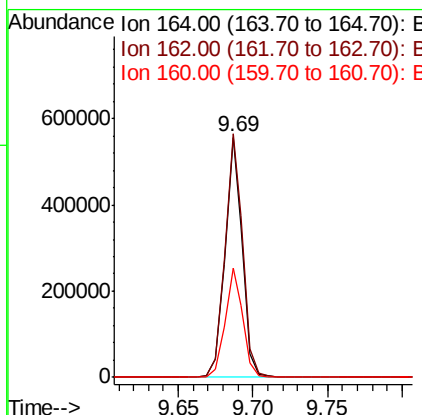
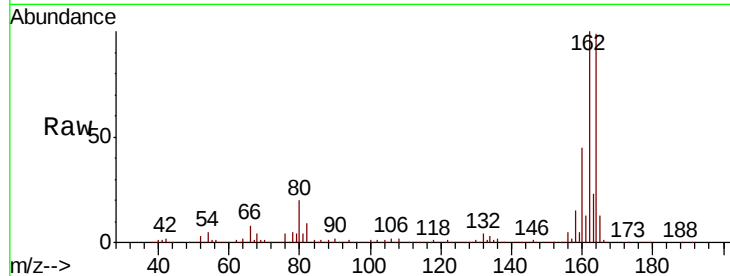
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	82.4	123.6	
160	45.3	37.5	56.3	

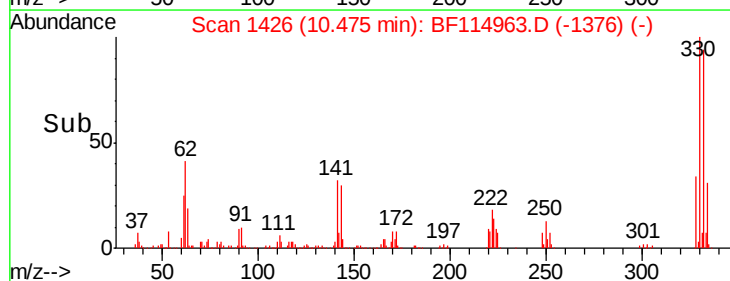
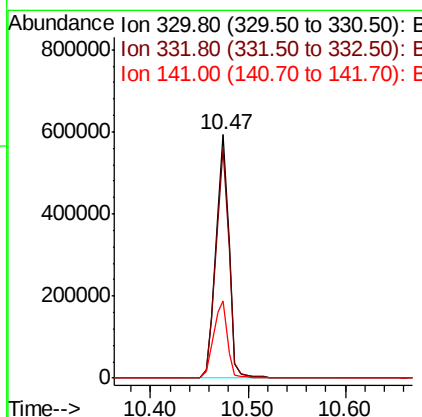
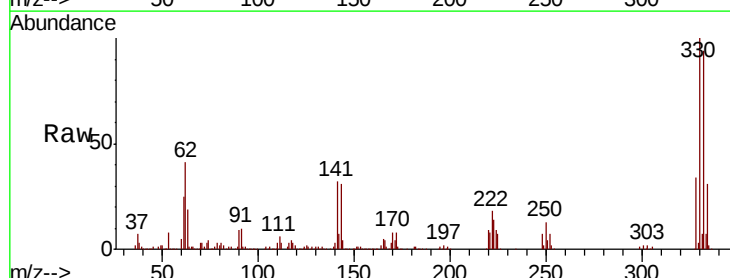
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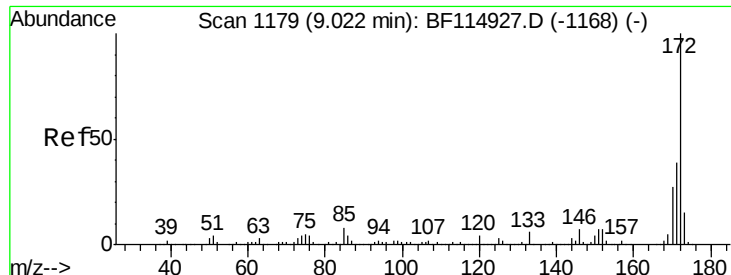
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#42
2,4,6-Tribromophenol
Concen: 112.402 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.4	114.6	
141	33.1	26.8	40.2	





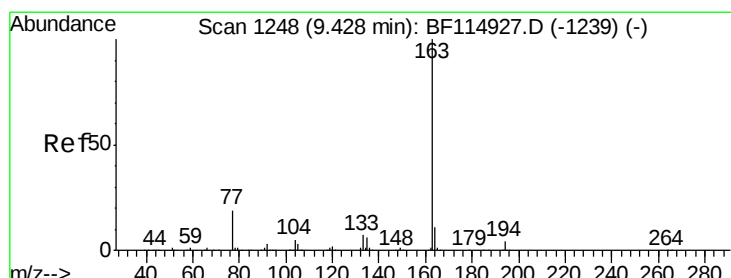
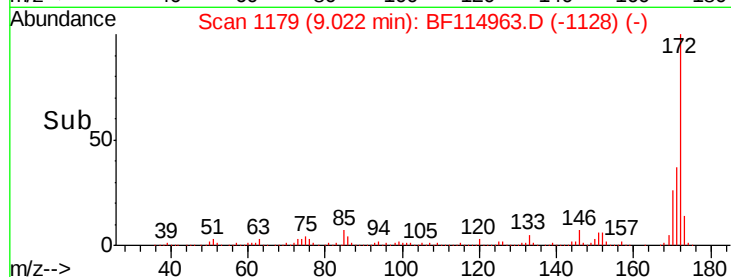
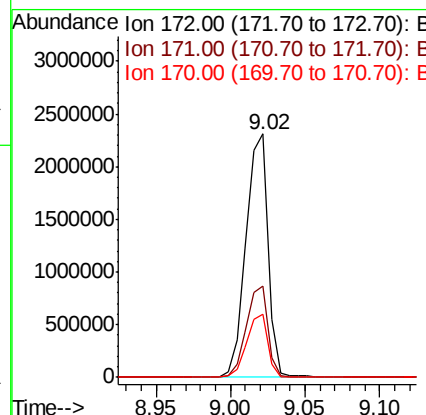
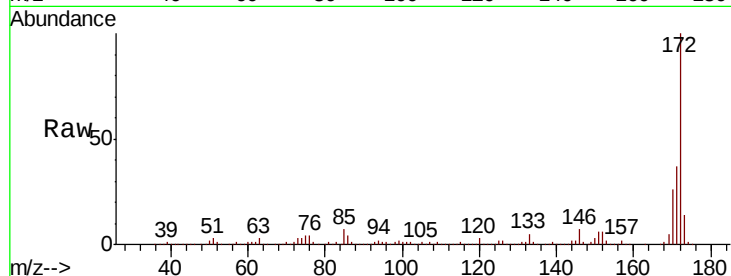
#45
2-Fluorobiphenyl
Concen: 83.222 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	25.9	21.4	32.0

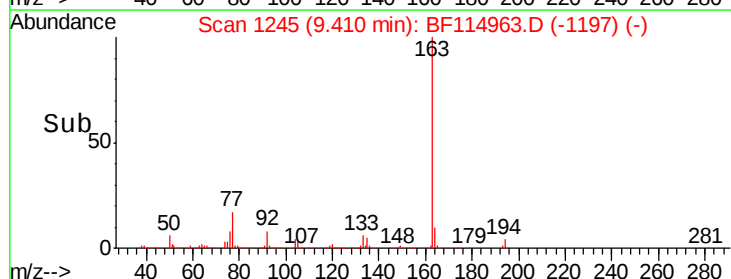
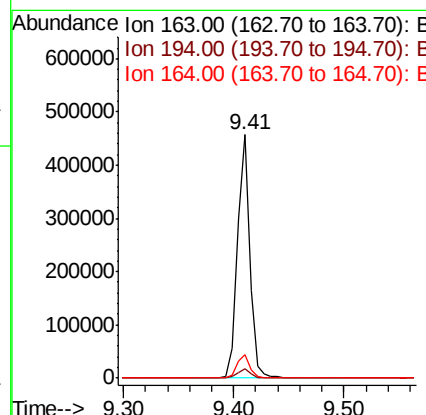
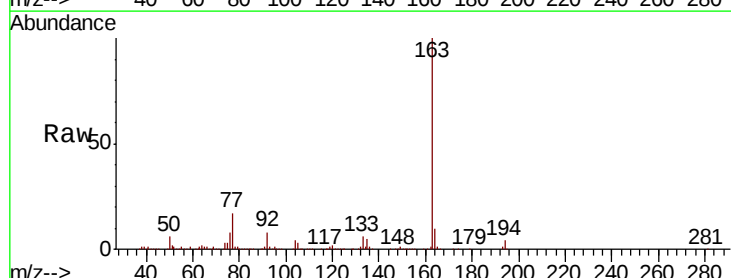
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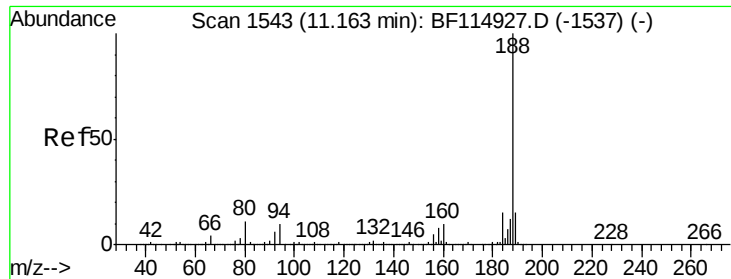
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#50
Dimethylphthalate
Concen: 10.654 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.7	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

Instrument :

BNA_F

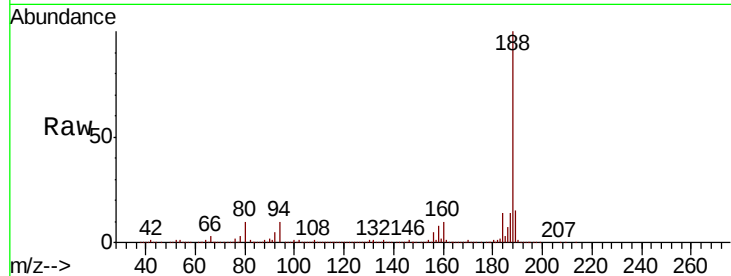
ClientSampleId :

FK-GF-02-042-B

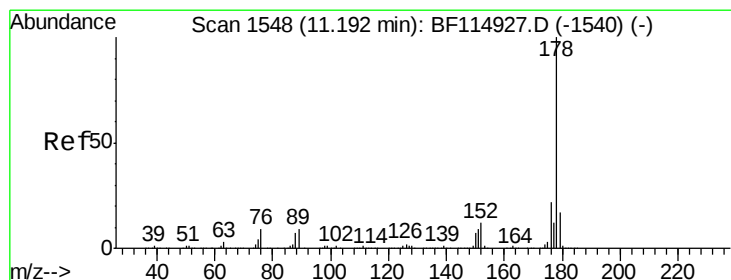
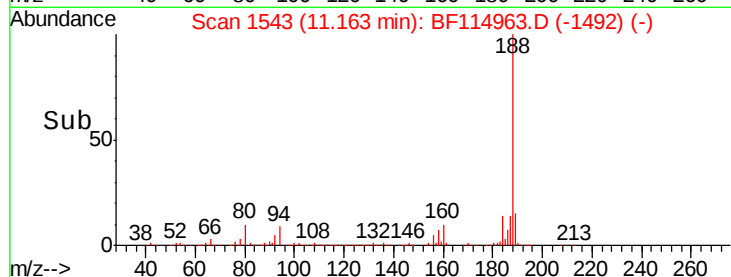
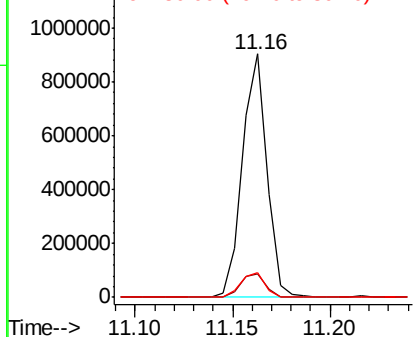
Tot Ion:	188	Resp:	786583
Ion Ratio	Lower	Upper	
188	100		
94	9.5	8.1	12.1
80	10.0	8.6	12.8

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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: 8.686 ng

RT: 11.19 min Scan# 1547

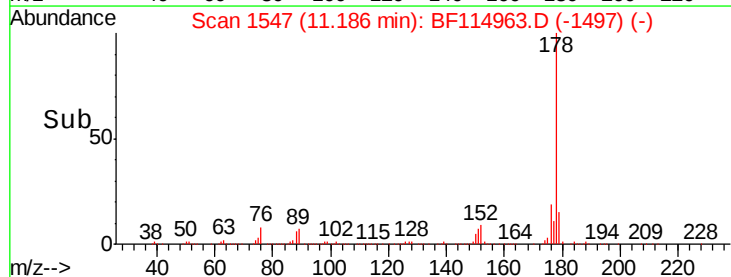
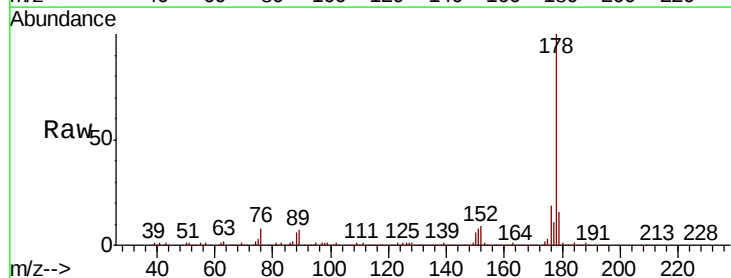
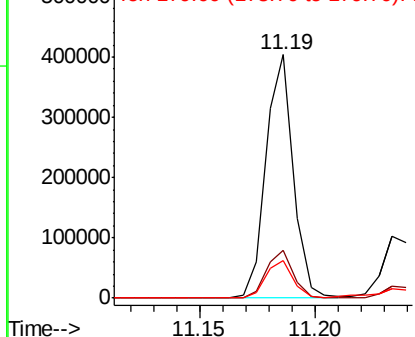
Delta R.T. -0.01 min

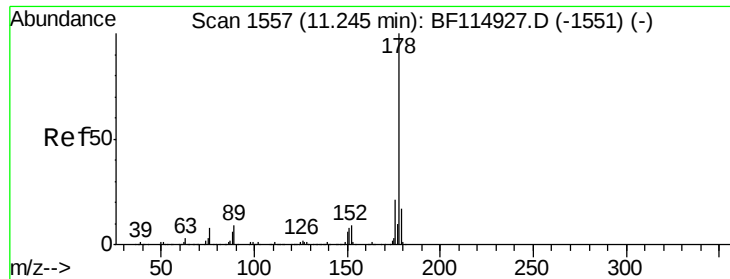
Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

Tgt Ion:	178	Resp:	331471
Ion Ratio	Lower	Upper	
178	100		
176	19.4	17.4	26.2
179	15.6	13.6	20.4

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





#72

Anthracene

Concen: 2.333 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

Instrument :

BNA_F

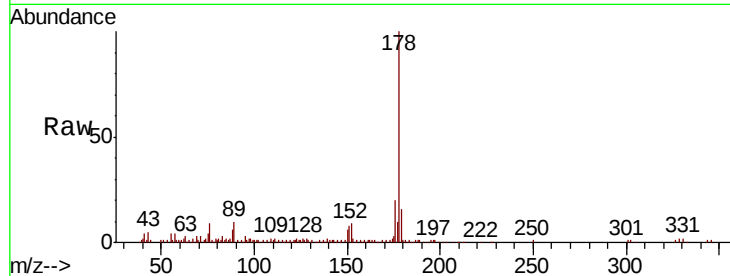
ClientSampleId :

FK-GF-02-042-B

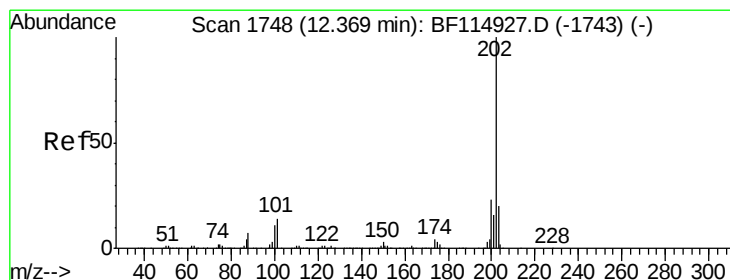
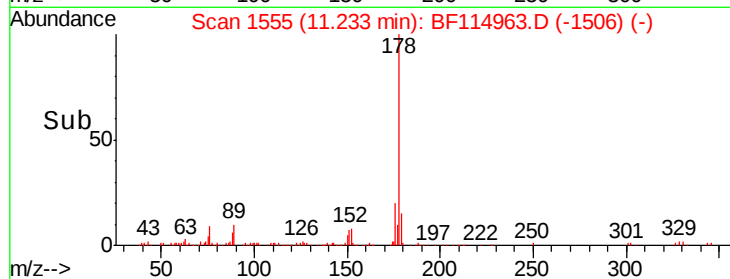
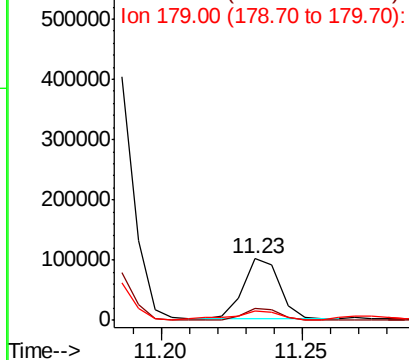
Tot Ion:	178	Resp:	90351
Ion Ratio	Lower	Upper	
178	100		
176	19.6	16.6	25.0
179	15.5	13.4	20.2

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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: 14.719 ng

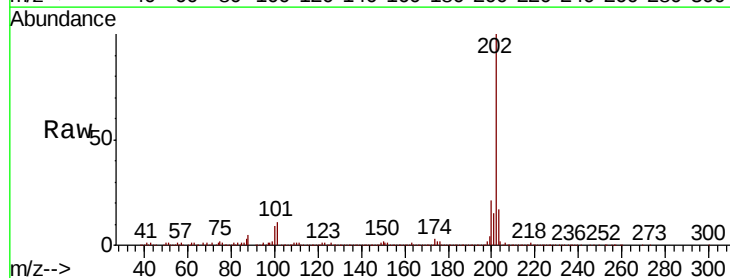
RT: 12.37 min Scan# 1748

Delta R.T. 0.00 min

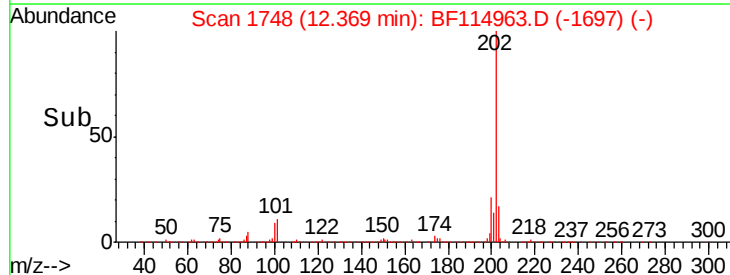
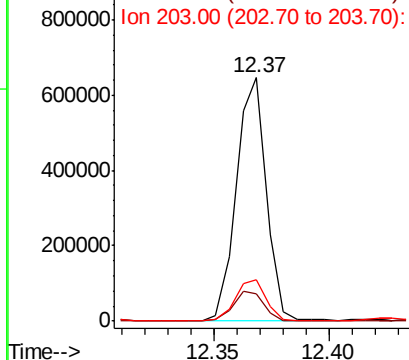
Lab File: BF114963.D

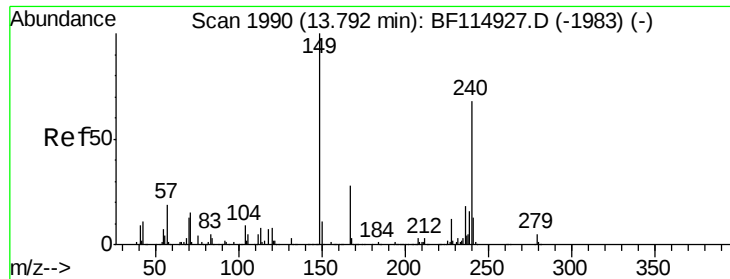
Acq: 12 Jun 2019 00:13

Tgt Ion:	202	Resp:	581011
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.3
203	17.2	0.0	39.6



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





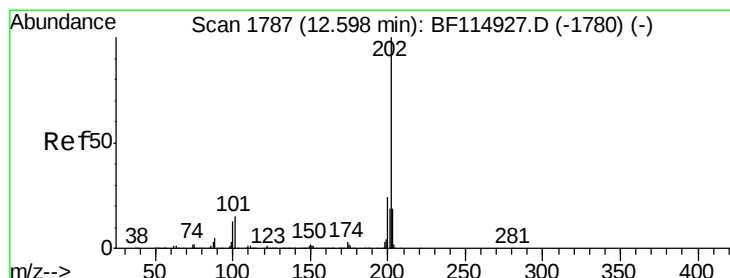
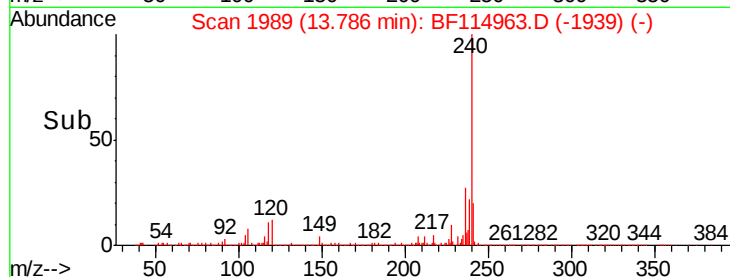
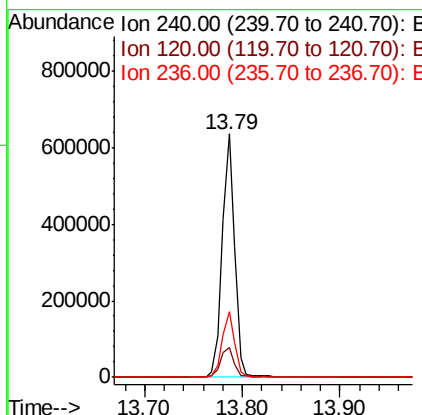
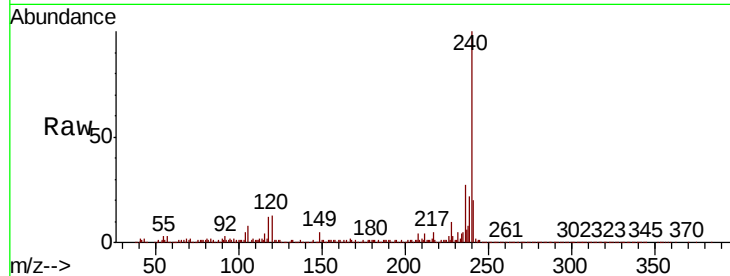
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.2	13.8
236	27.2	21.7	32.5

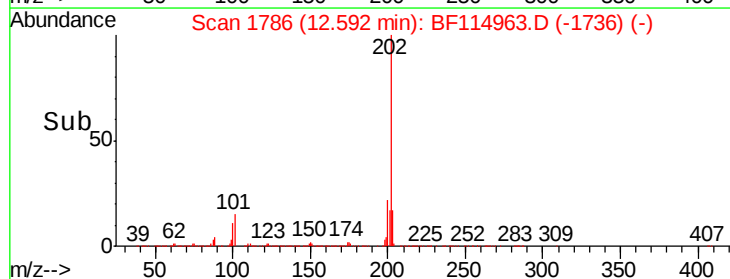
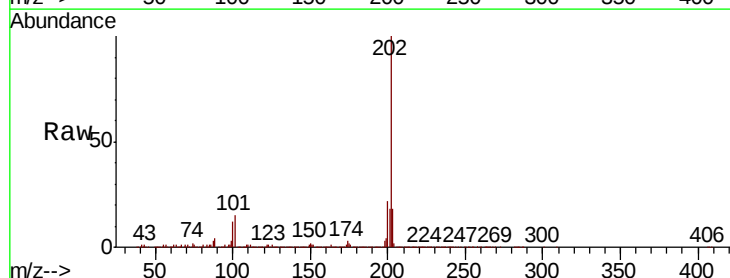
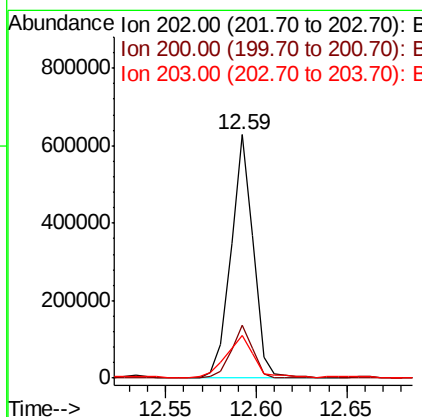
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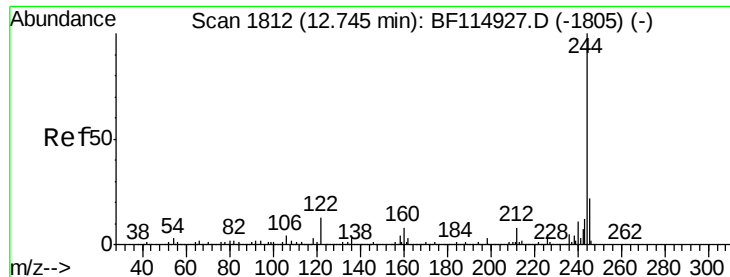
mohammad
6/12/2019 9:09:12 AM



#78
Pyrene
Concen: 10.980 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.9	28.3
203	17.7	15.2	22.8





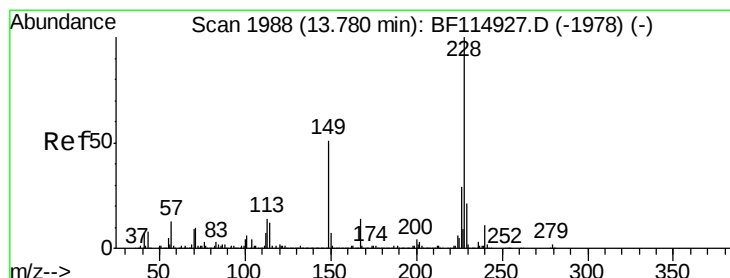
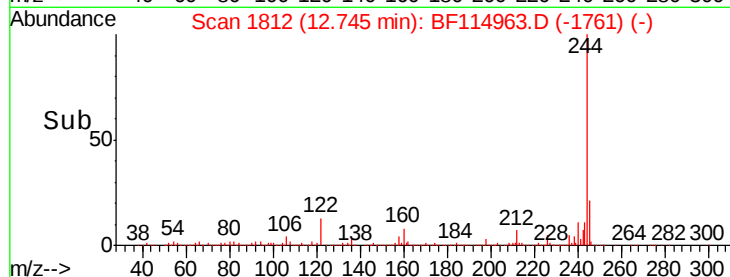
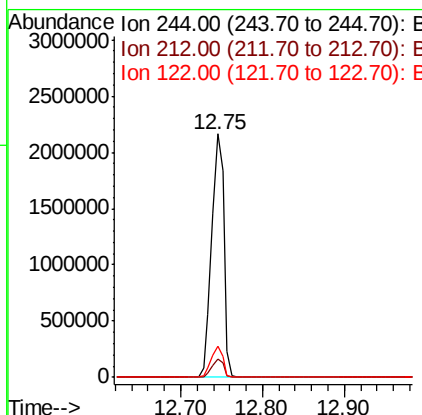
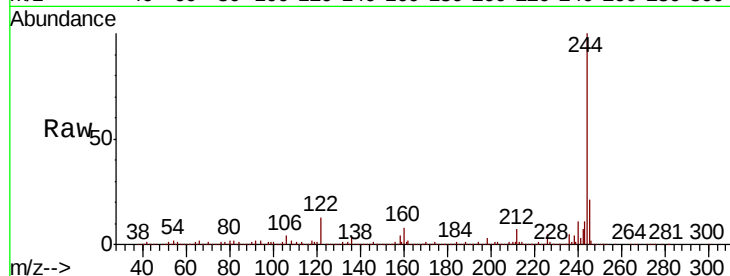
#79
 Terphenyl-d14
 Concen: 80.319 ng
 RT: 12.75 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF114963.D
 Acq: 12 Jun 2019 00:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.8	10.2	15.4

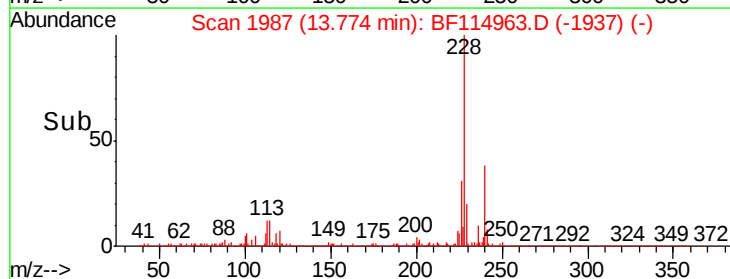
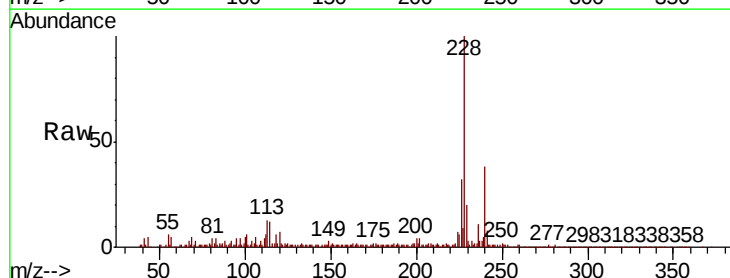
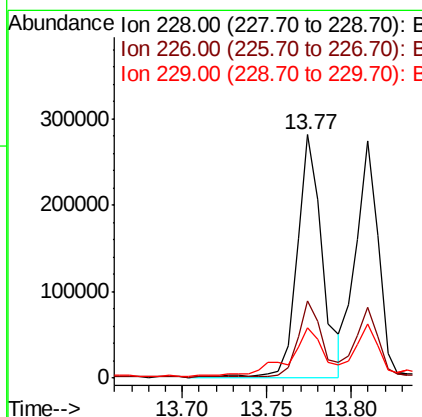
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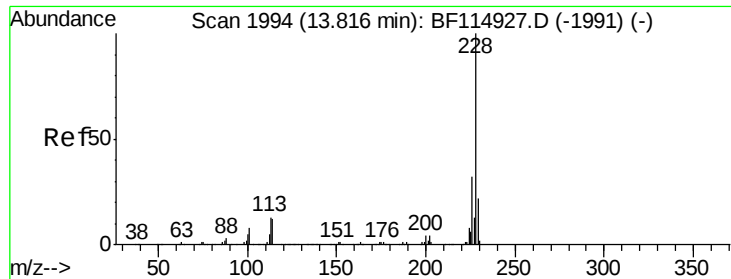
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.927 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF114963.D
 Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.8	34.2
229	20.5	16.6	25.0





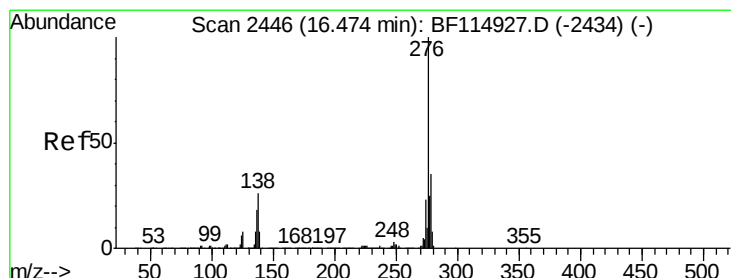
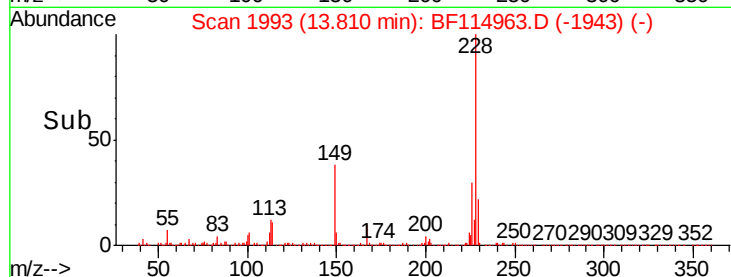
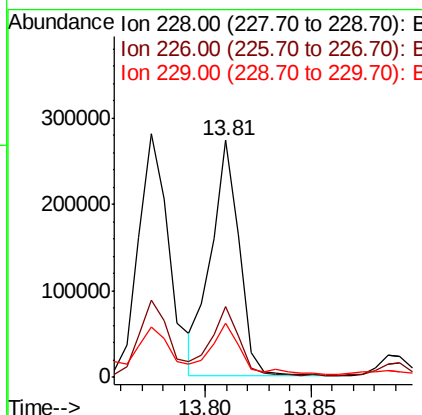
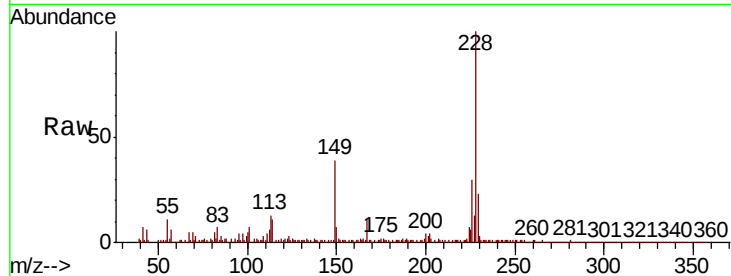
#83
Chrysene
Concen: 6.111 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion:	228	Resp:	253911
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.8	38.8
229	22.9	17.2	25.8

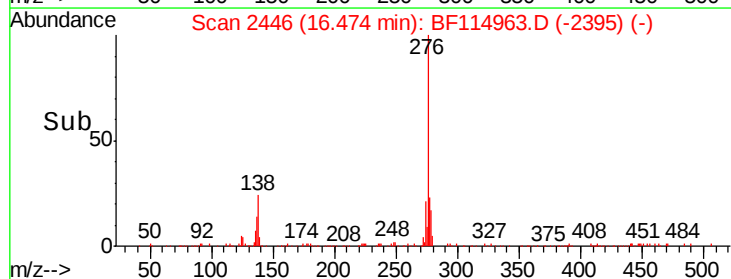
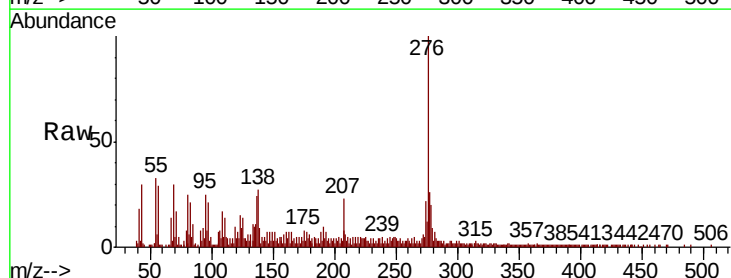
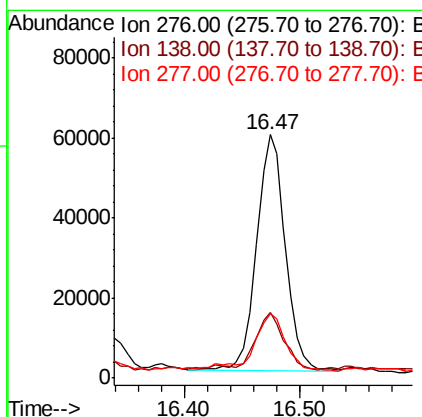
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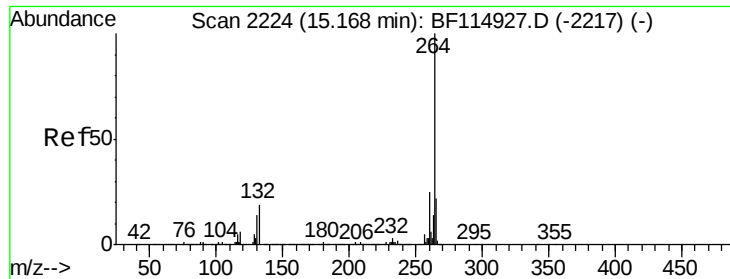
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.604 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion:	276	Resp:	101729
Ion Ratio	Lower	Upper	
276	100		
138	23.4	23.3	34.9
277	27.5	20.5	30.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF114963.D

Acq: 12 Jun 2019 00:13

Instrument :

BNA_F

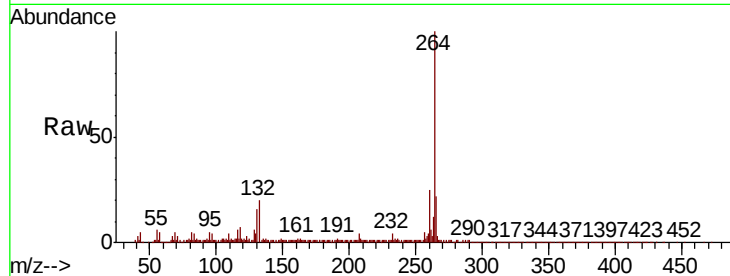
ClientSampleId :

FK-GF-02-042-B

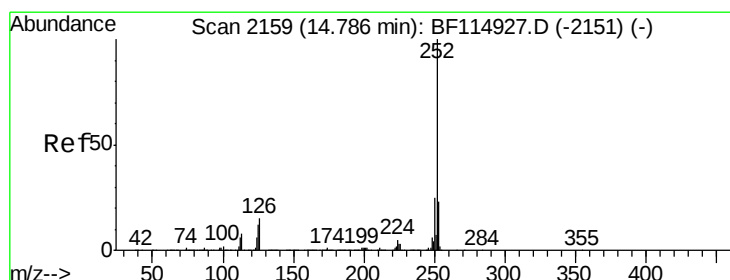
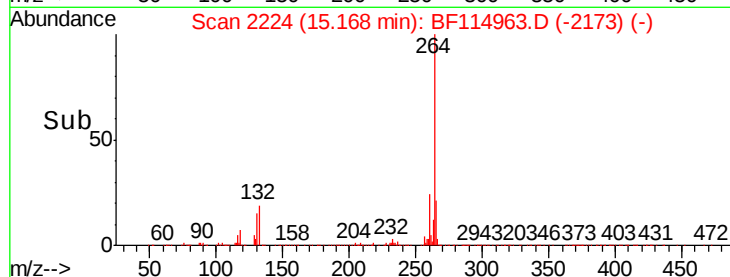
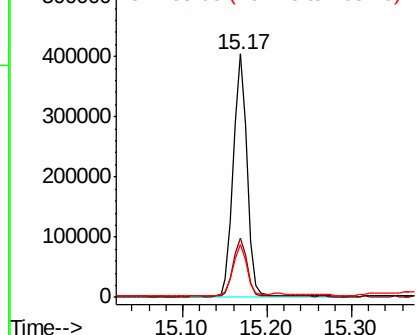
Tot Ion:	264	Resp:	448429
Ion Ratio		Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.8	17.5	26.3

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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: 9.327 ng m

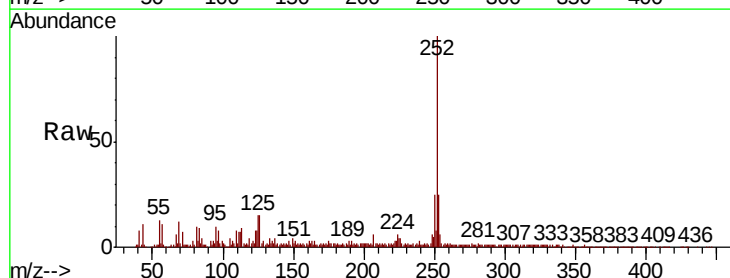
RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

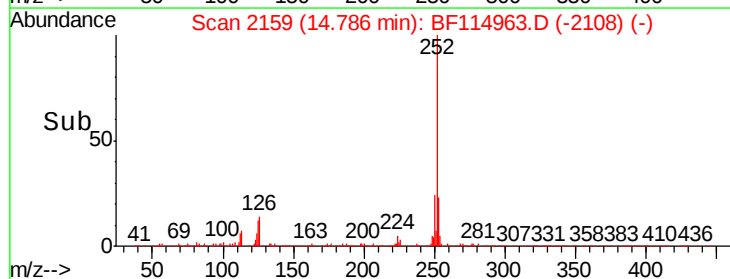
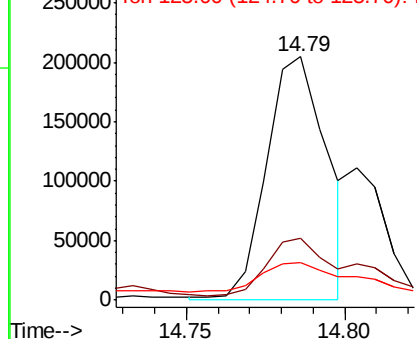
Lab File: BF114963.D

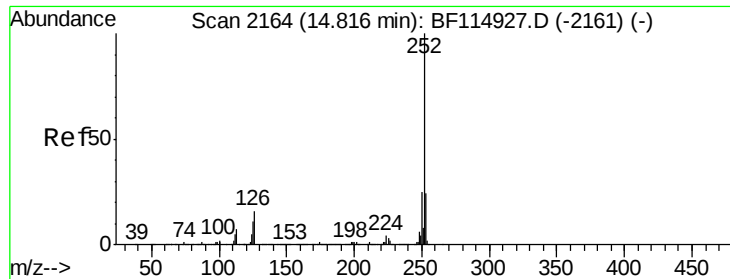
Acq: 12 Jun 2019 00:13

Tgt Ion:	252	Resp:	272304
Ion Ratio		Lower	Upper
252	100		
253	25.2	18.6	28.0
125	15.5	9.5	14.3#



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





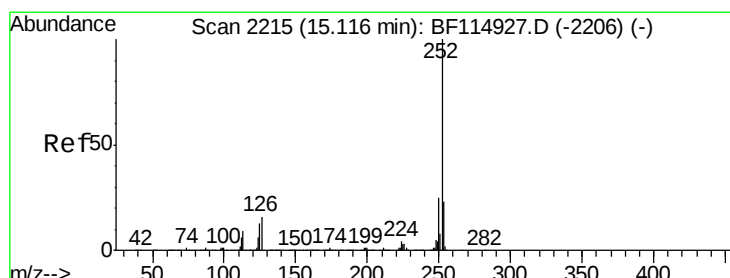
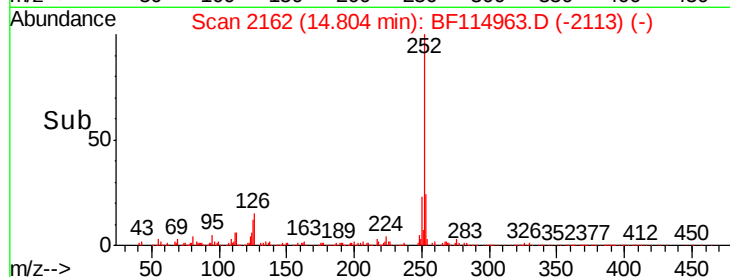
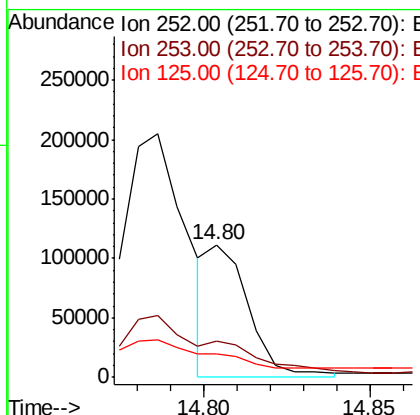
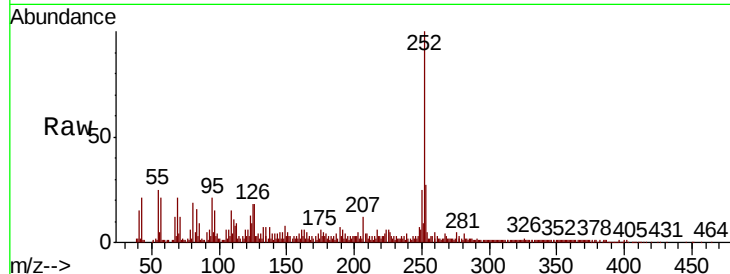
#89
Benzo(k)fluoranthene
Concen: 3.739 ng m
RT: 14.80 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.6	28.0
125	17.7	9.2	13.8

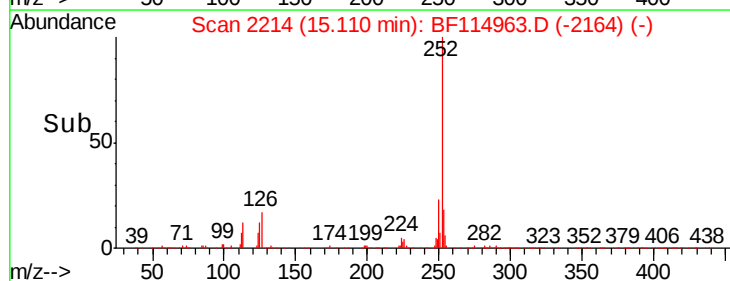
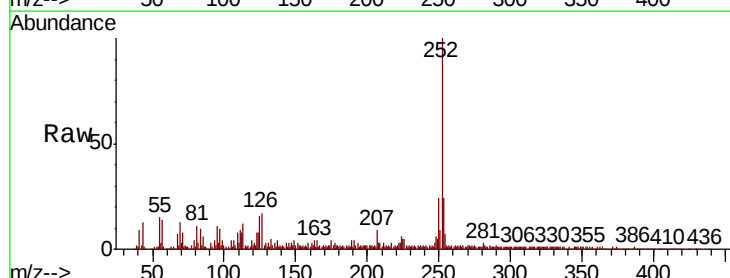
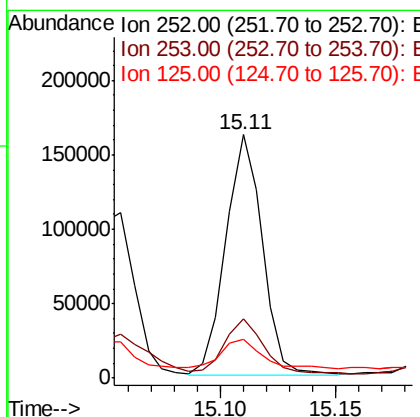
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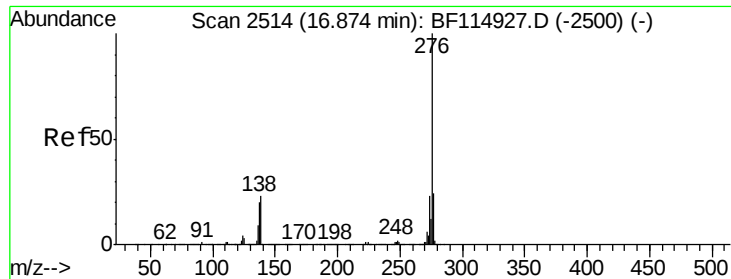
mohammad
6/12/2019 9:09:12 AM



#90
Benzo(a)pyrene
Concen: 7.022 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114963.D
Acq: 12 Jun 2019 00:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	15.7	10.1	15.1





#92
 Benzo(a,h,i)perylene
 Concen: 4.645 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF114963.D
 Acq: 12 Jun 2019 00:13

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-042-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.0	28.6
138	29.1	18.7	28.1

Manual Integrations
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mohammad
 6/12/2019 9:09:12 AM

