

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119814.D
 Acq On : 7 Apr 2020 11:42
 Operator : MA/SJ
 Sample : L2148-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-055-A

Manual Integrations
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mohammad
 4/8/2020 8:12:53 AM

Quant Time: Apr 07 12:13:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	166518	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	601086	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	292414	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	536671	20.00	ng	0.00
76) Chrysene-d12	13.96	240	381230	20.00	ng	0.00
87) Perylene-d12	15.40	264	364590	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1088291	104.04	ng	0.00
7) Phenol-d6	6.42	99	1350887	101.10	ng	0.00
23) Nitrobenzene-d5	7.35	82	831877	75.22	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	345627	114.57	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1427412	72.32	ng	0.00
79) Terphenyl-d14	12.90	244	1465887	75.33	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	64085	2.072	ng	98
50) Dimethylphthalate	9.54	163	197882	9.527	ng	100
71) Phenanthrene	11.33	178	213888	7.686	ng	98
75) Fluoranthene	12.53	202	356322	11.832	ng	94
78) Pyrene	12.76	202	315309	10.078	ng	97
81) Benzo(a)anthracene	13.94	228	160839	6.488	ng	97
83) Chrysene	13.98	228	134339	5.251	ng	97
86) Indeno(1,2,3-cd)pyrene	16.83	276	72343	3.002	ng	# 93
88) Benzo(b)fluoranthene	14.99	252	193117m	7.929	ng	
89) Benzo(k)fluoranthene	15.01	252	51193m	2.207	ng	
90) Benzo(a)pyrene	15.34	252	122715	5.544	ng	96
92) Benzo(a,h,i)perylene	17.26	276	66742	3.432	ng	98

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

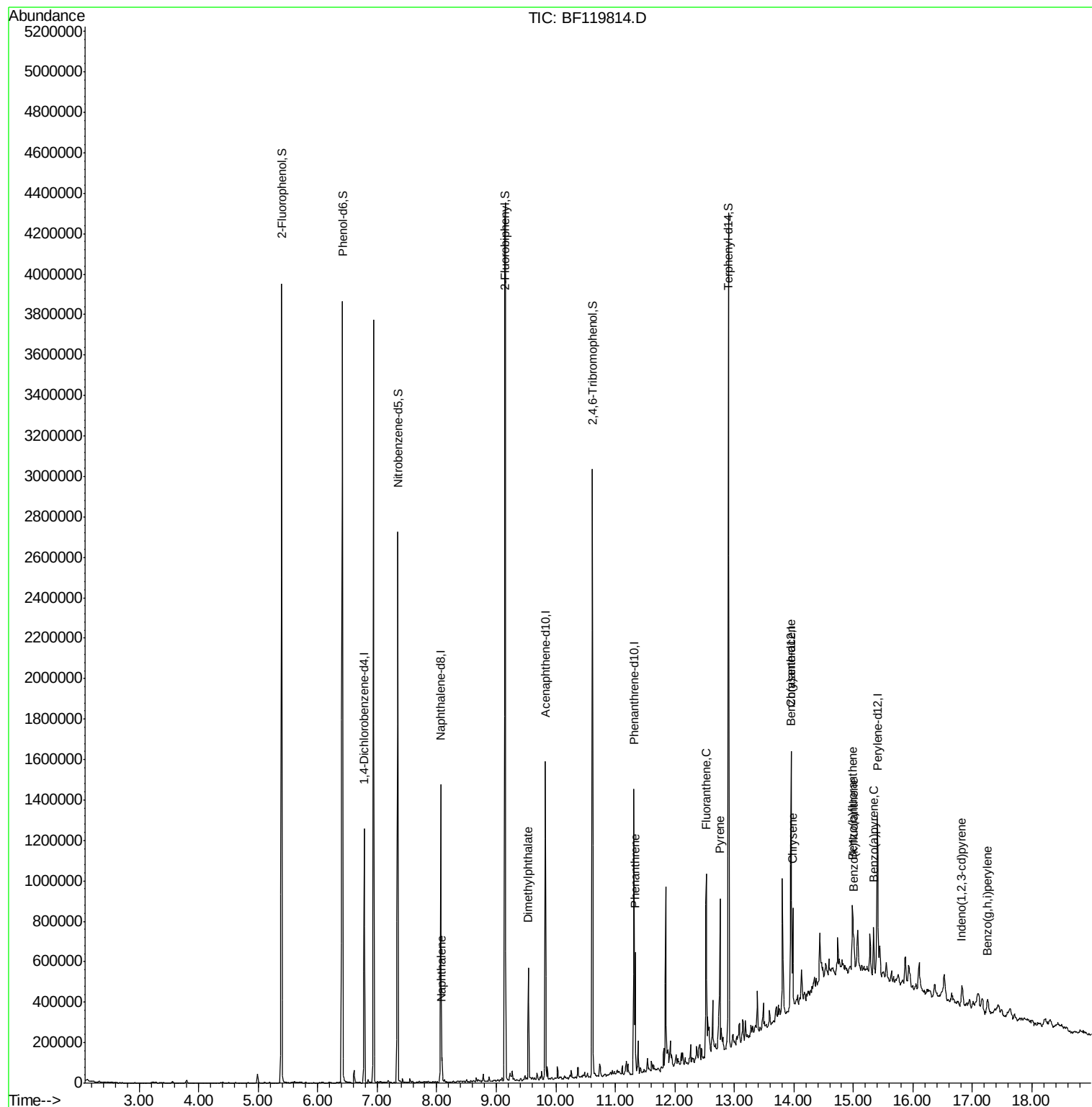
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119814.D
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Operator : MA/SJ
Sample : L2148-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

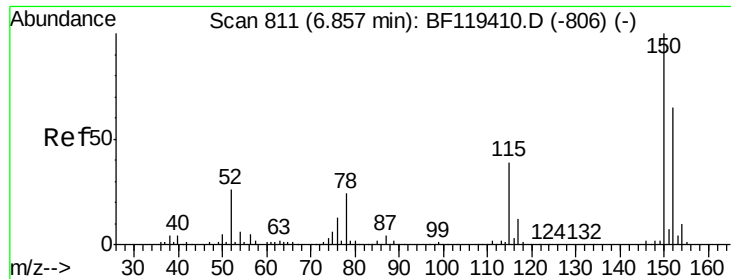
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

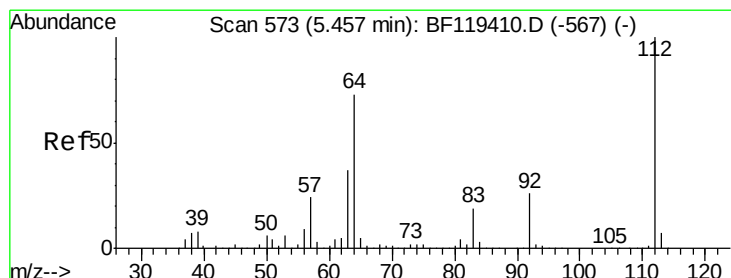
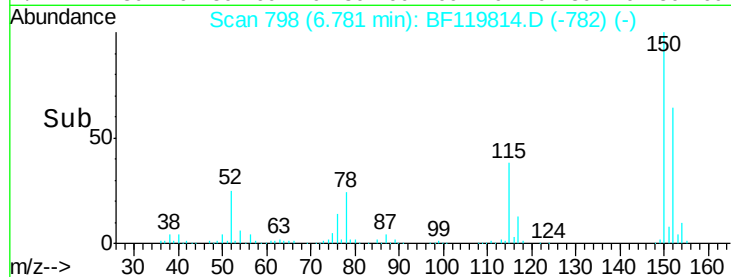
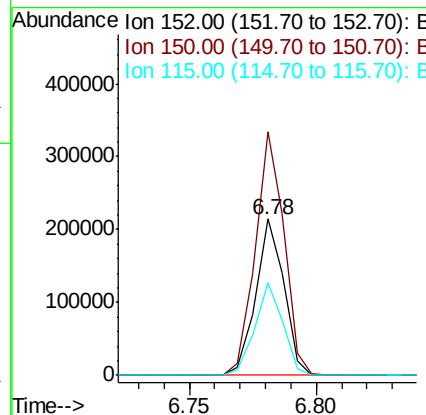
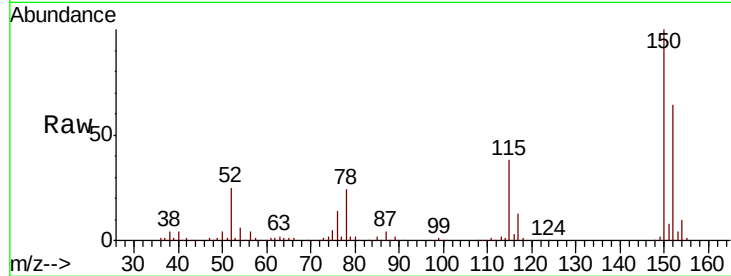
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.5	186.7
115	59.3	49.6	74.4

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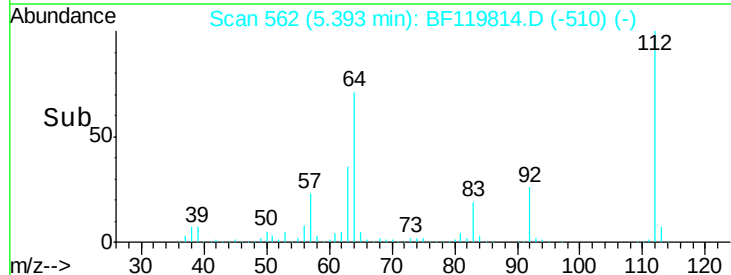
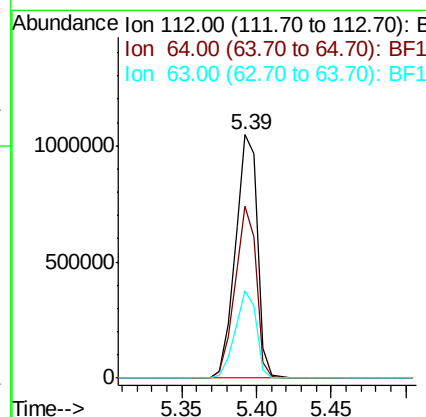
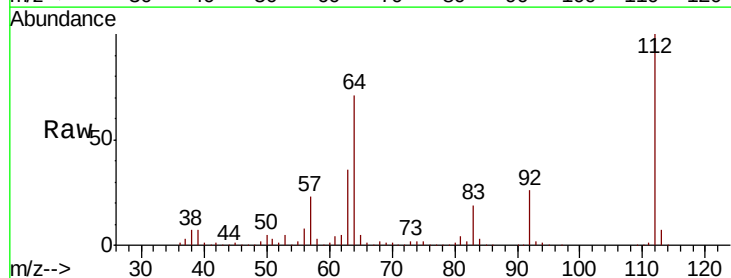
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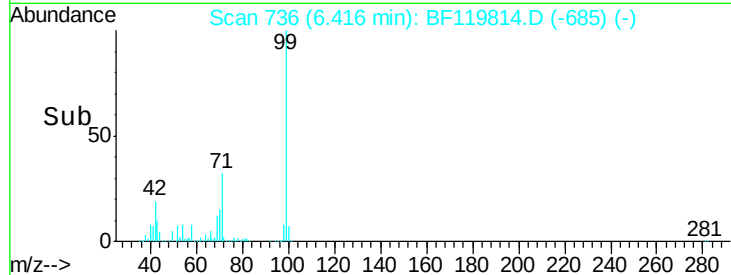
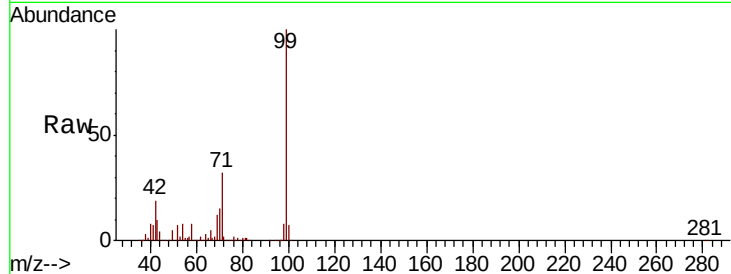
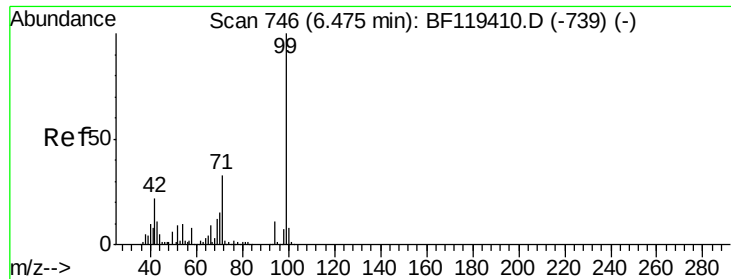


#5

2-Fluorophenol
Concen: 104.040 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.7	85.1
63	36.2	29.5	44.3





#7

Phenol-d6

Concen: 101.097 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Tot Ion: 99 Resp: 1350887

Ion Ratio Lower Upper

99 100

42 19.3 16.6 24.8

71 32.4 26.4 39.6

Instrument :

BNA_F

ClientSampleId :

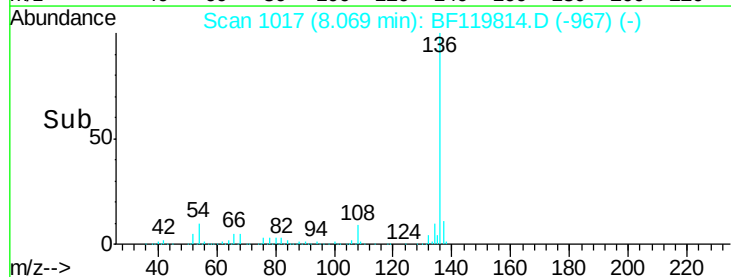
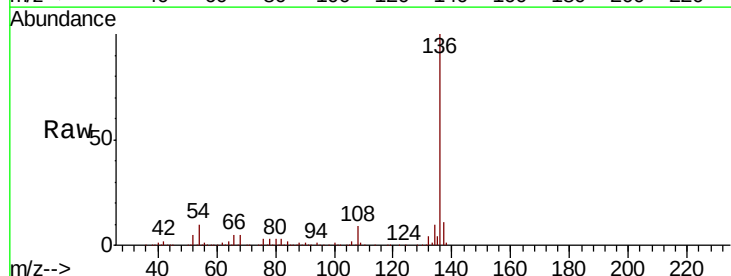
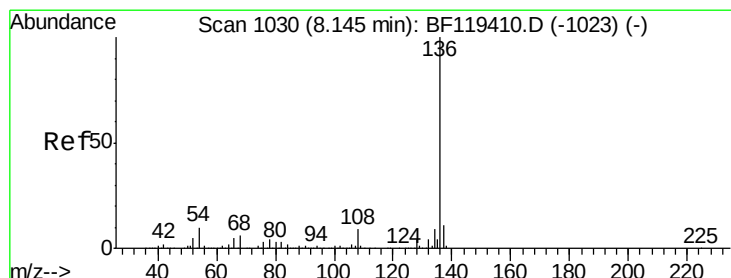
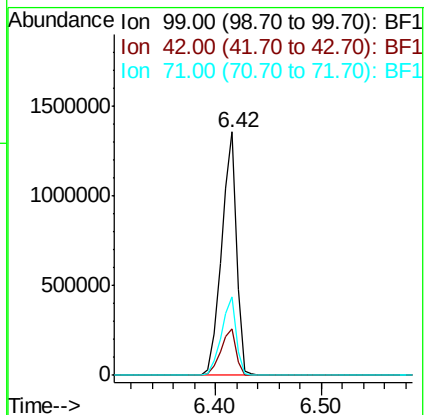
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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Tgt Ion: 136 Resp: 601086

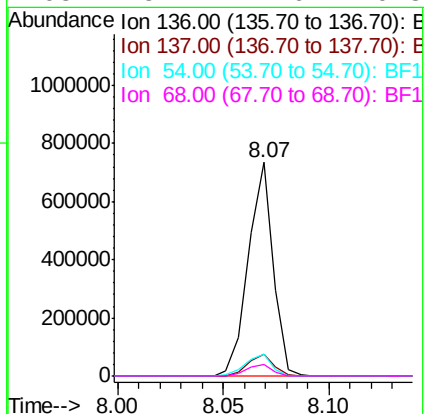
Ion Ratio Lower Upper

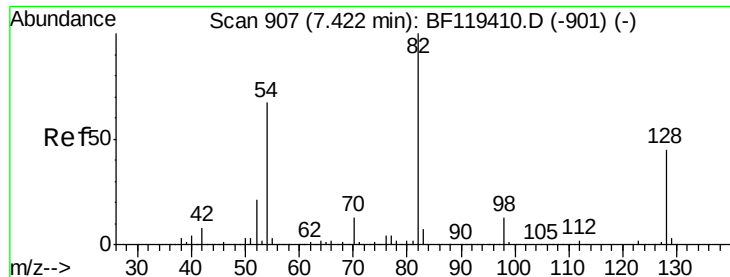
136 100

137 10.5 8.7 13.1

54 10.1 9.1 13.7

68 5.4 4.6 6.8





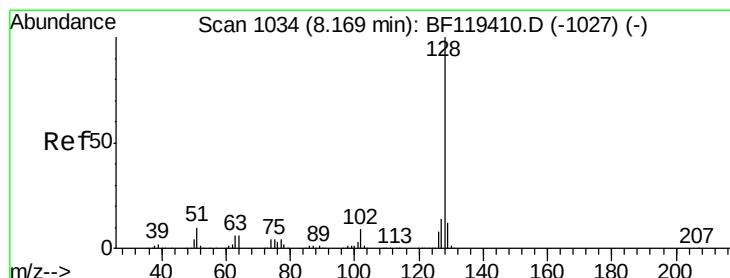
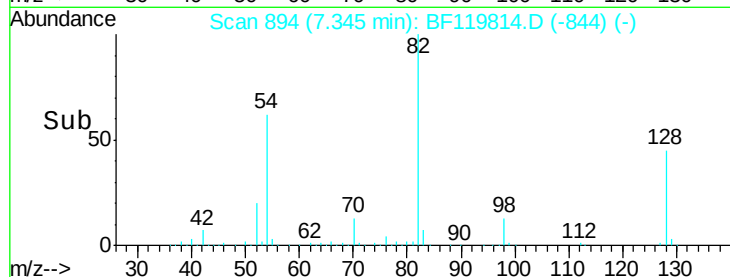
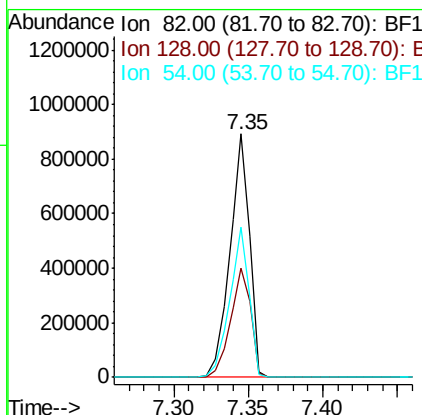
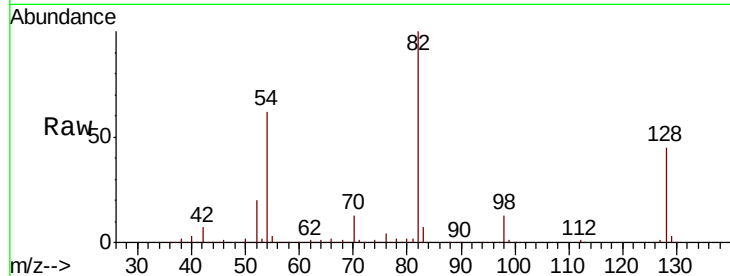
#23
Nitrobenzene-d5
Concen: 75.215 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.3	54.5
54	61.8	50.6	75.8

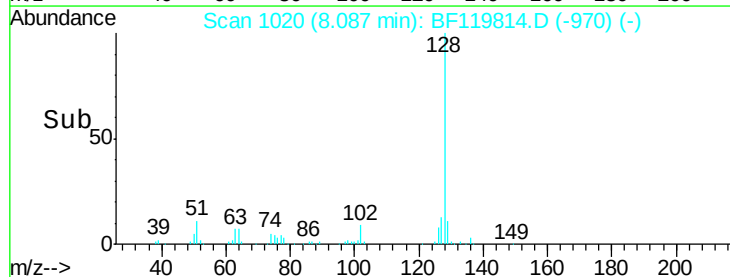
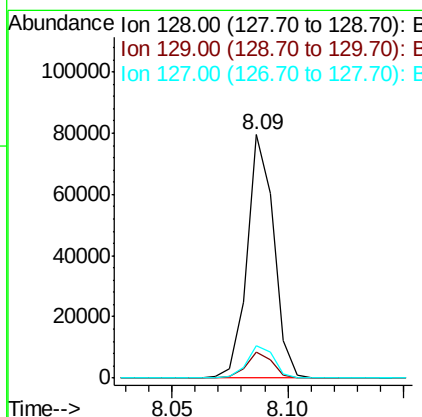
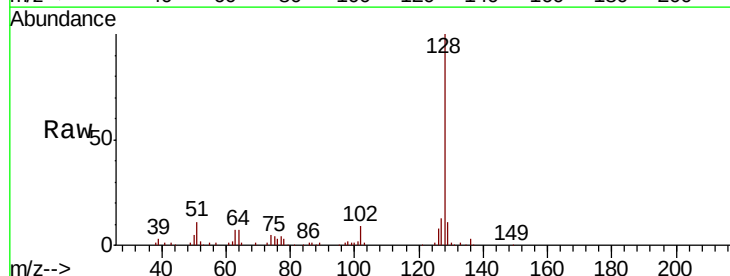
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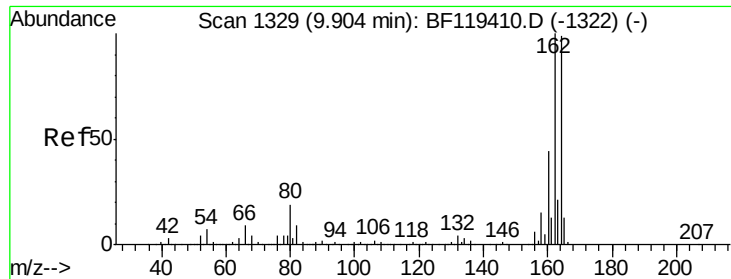
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#31
Naphthalene
Concen: 2.072 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.4	11.3	16.9





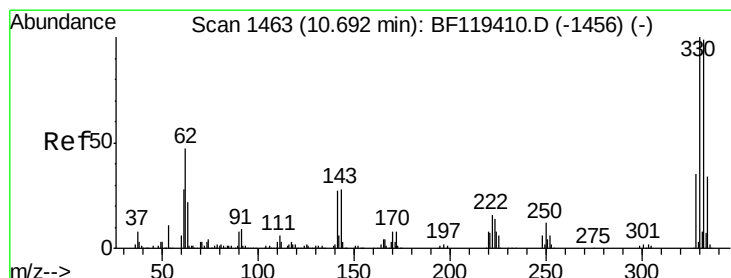
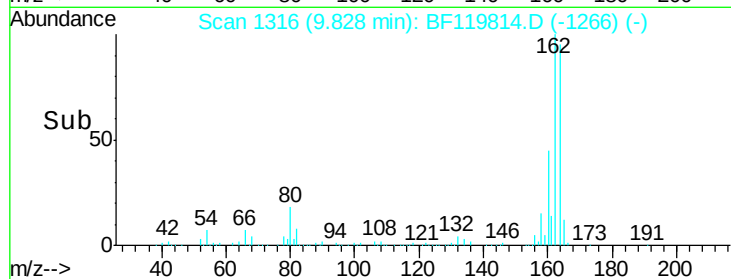
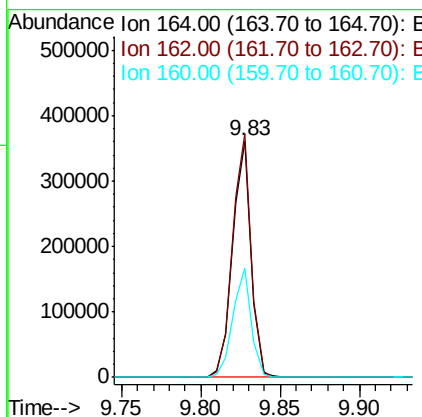
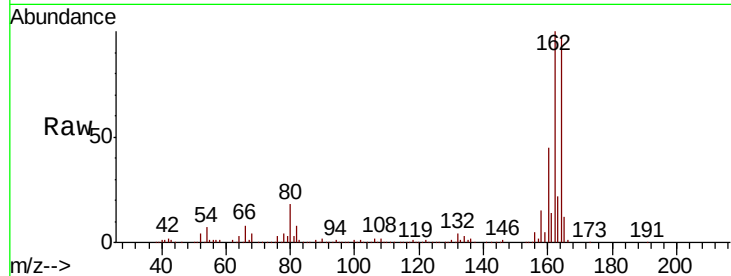
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100	292414		
162	103.0	80.6	121.0	
160	46.0	35.7	53.5	

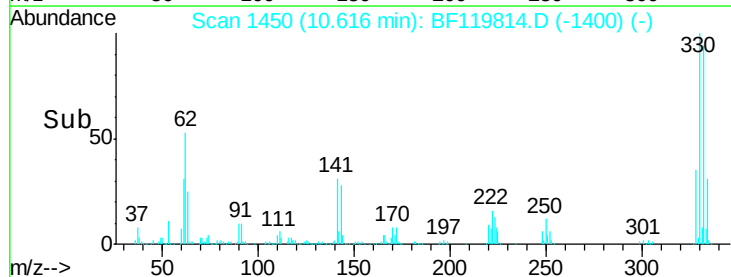
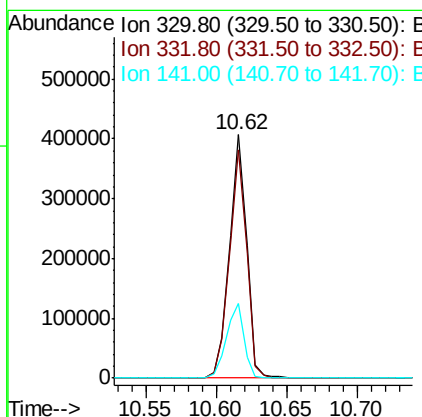
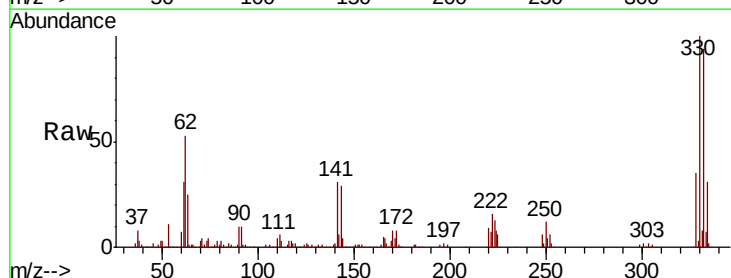
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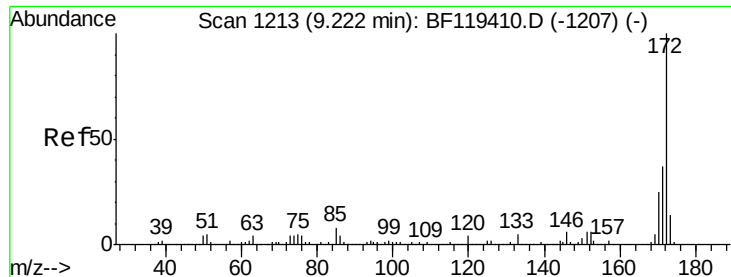
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#42
2,4,6-Tribromophenol
Concen: 114.570 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	345627		
332	94.7	75.7	113.5	
141	31.8	25.4	38.0	





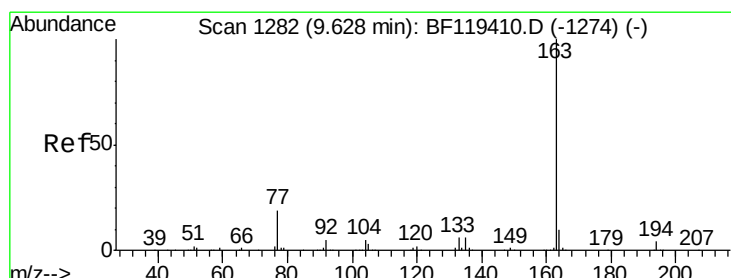
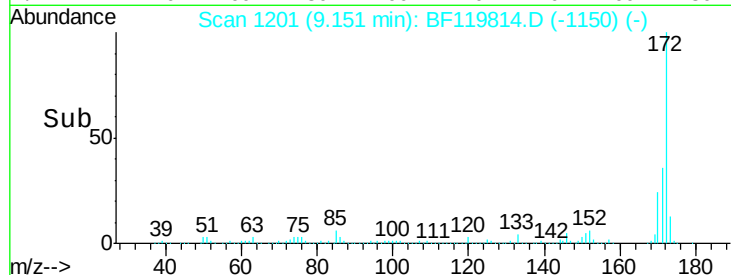
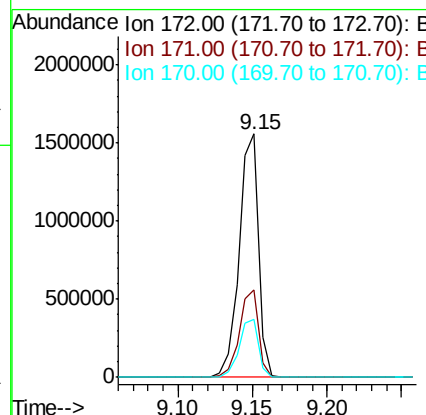
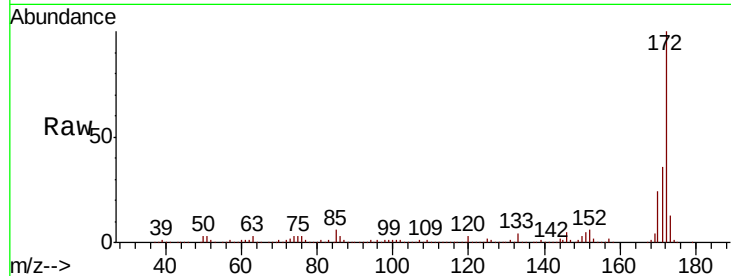
#45
2-Fluorobiphenyl
Concen: 72.318 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.9	20.2	30.2

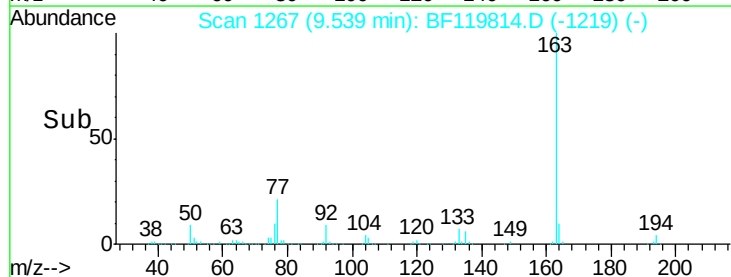
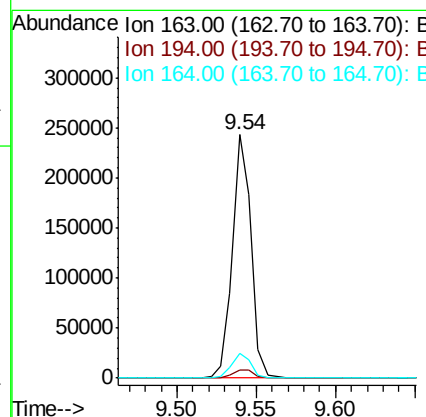
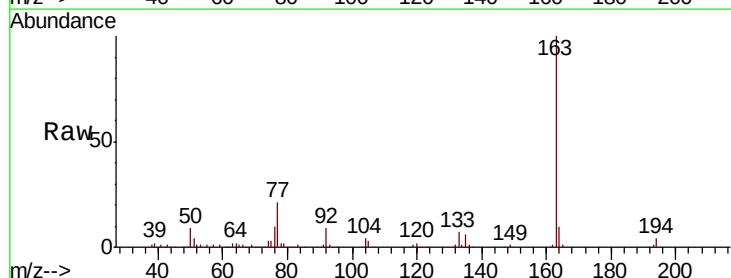
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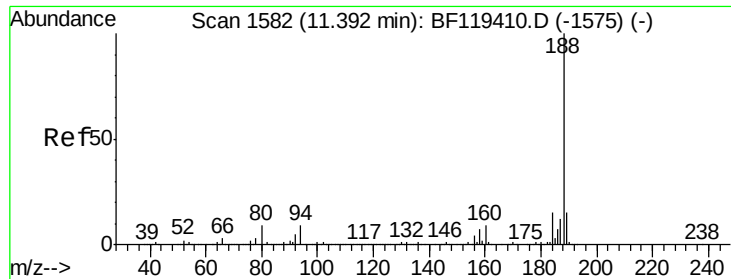
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#50
Dimethylphthalate
Concen: 9.527 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.2	8.2	12.2





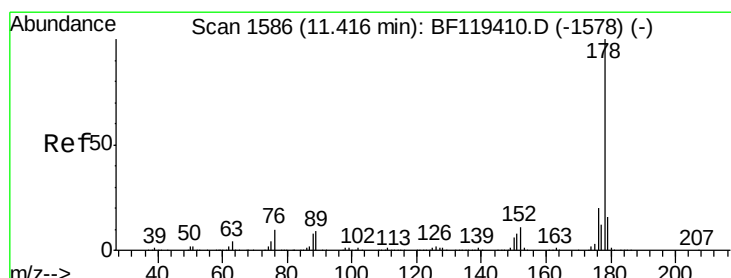
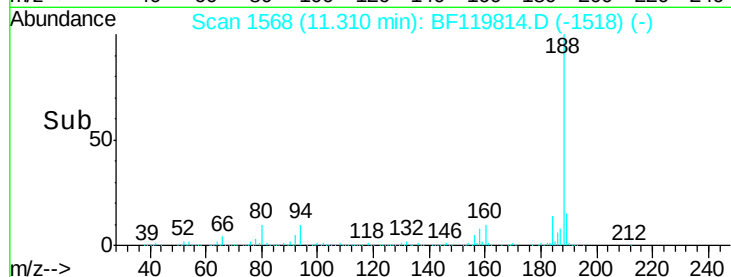
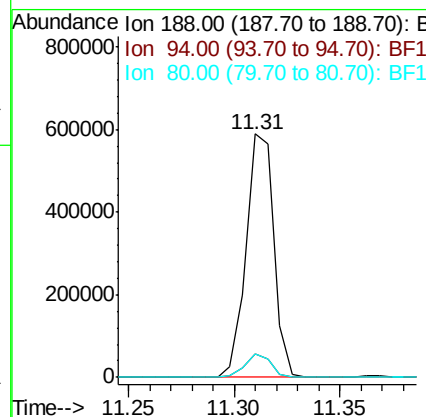
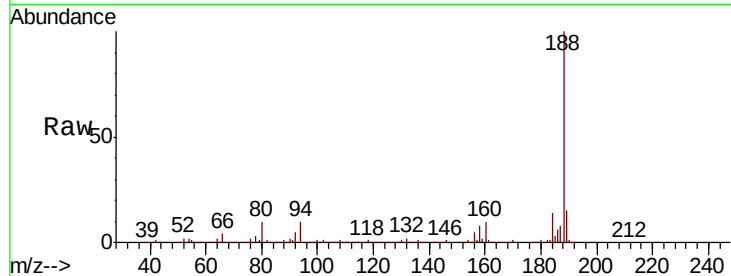
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Resp	Lower	Upper
188	100	536671		
94	9.7		7.5	11.3
80	9.7		9.0	13.4

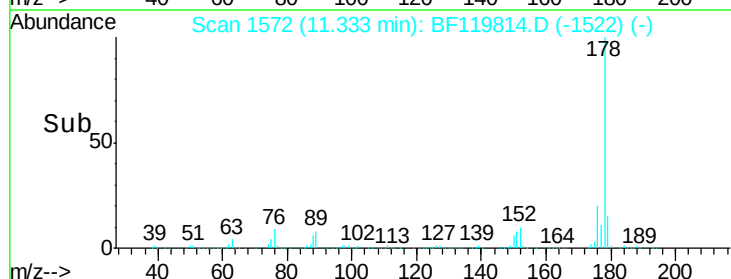
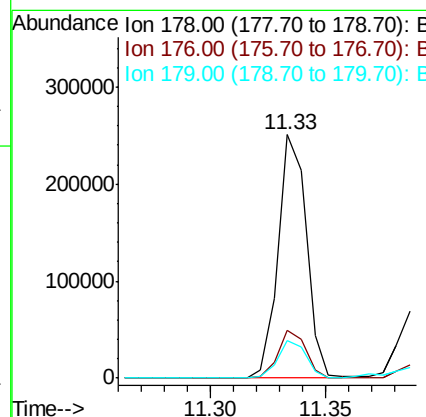
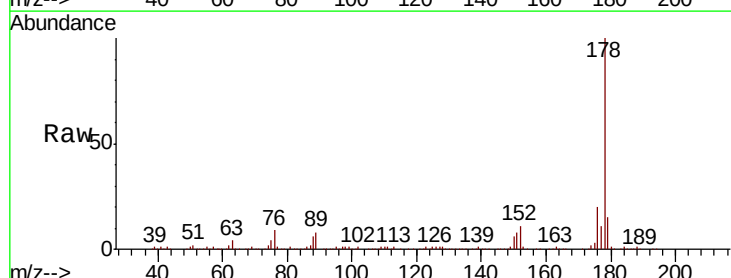
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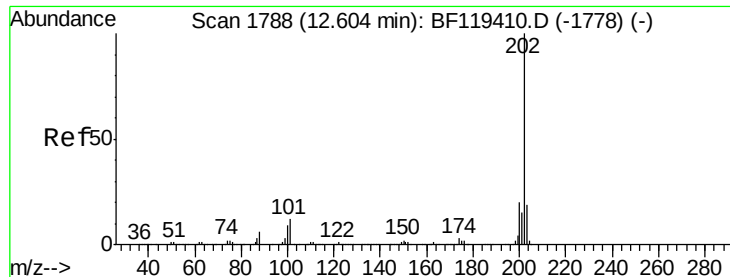
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#71
Phenanthrene
Concen: 7.686 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	213888		
176	19.6		16.2	24.4
179	15.4		13.2	19.8





#75

Fluoranthene

Concen: 11.832 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Instrument :

BNA_F

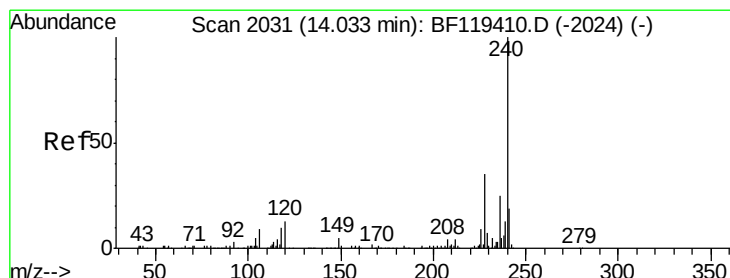
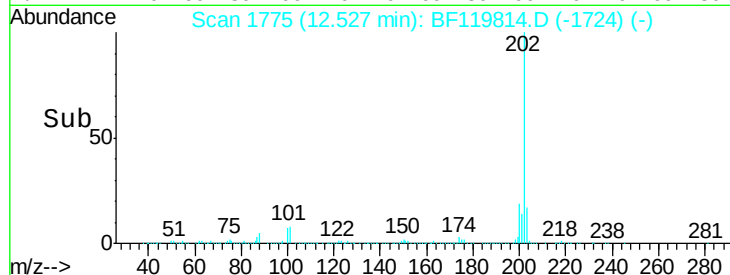
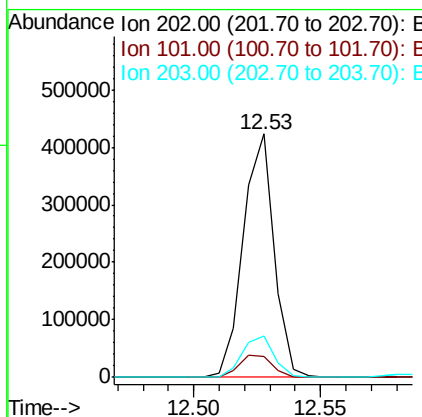
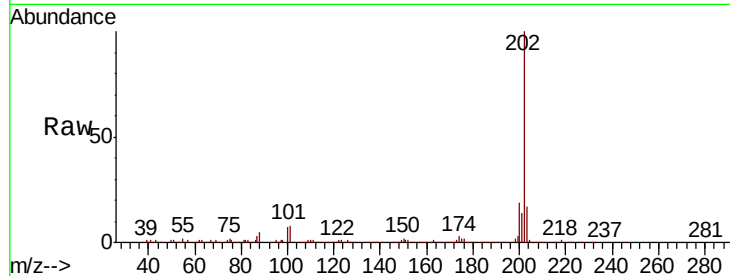
ClientSampleId :

FK-GF-02-055-A

Tot Ion:	202	Resp:	356322
Ion Ratio		Lower	Upper
202	100		
101	8.5	0.0	32.2
203	16.8	0.0	38.8

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

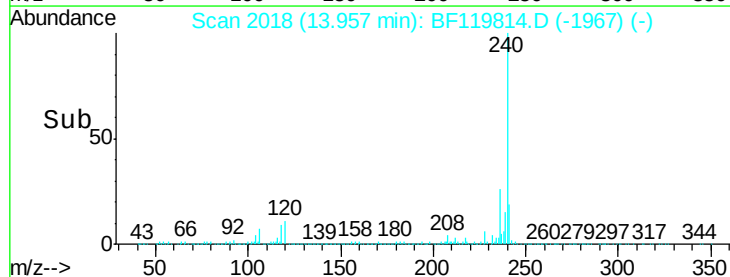
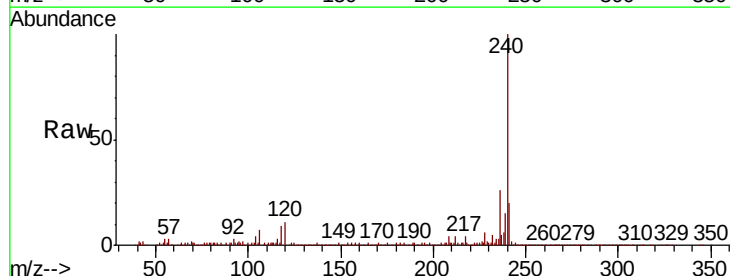
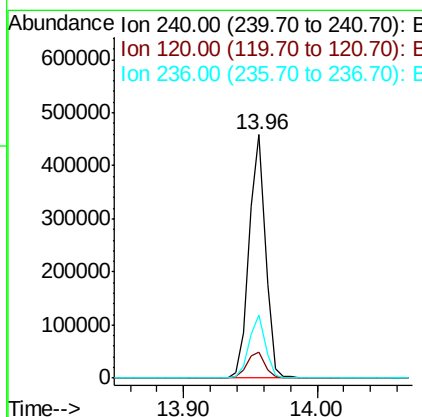
RT: 13.96 min Scan# 2018

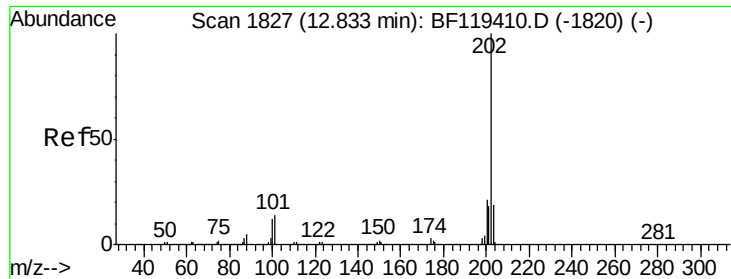
Delta R.T. 0.00 min

Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Tgt Ion:	240	Resp:	381230
Ion Ratio		Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.9	20.2	30.2





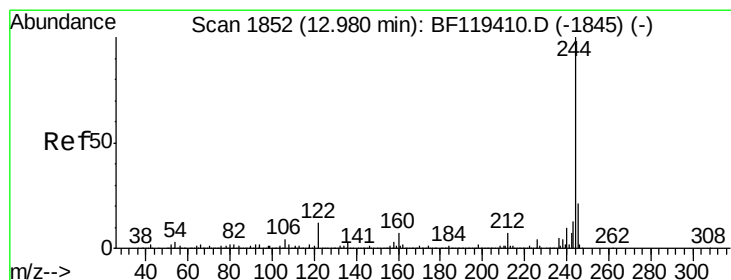
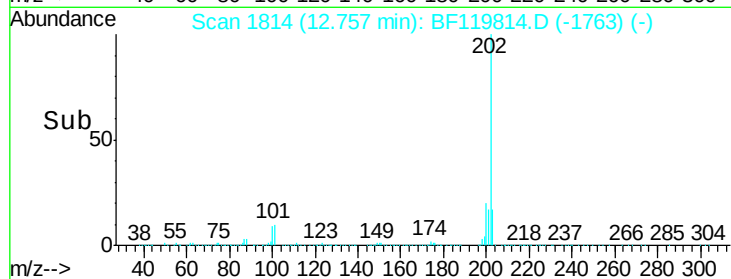
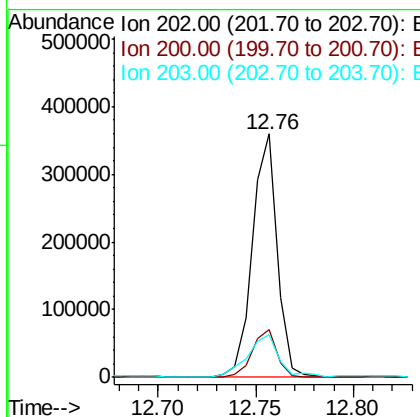
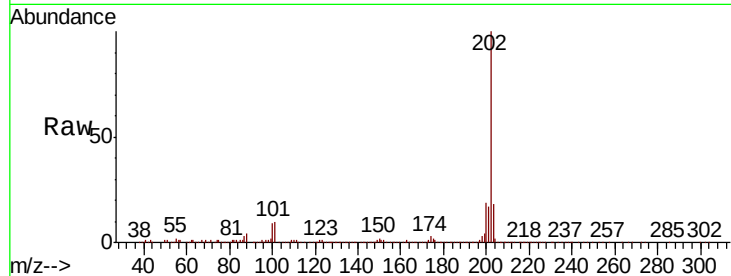
#78
Pvrene
Concen: 10.078 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion:	202	Resp:	315309
Ion Ratio	Lower	Upper	
202	100		
200	19.5	16.8	25.2
203	17.7	15.1	22.7

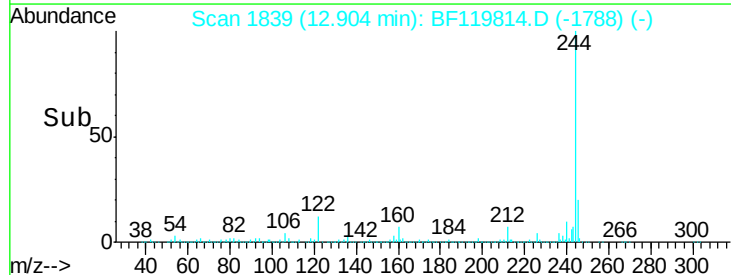
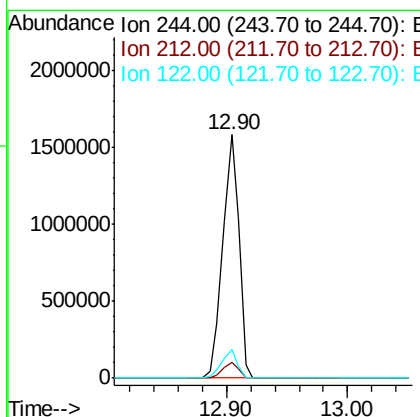
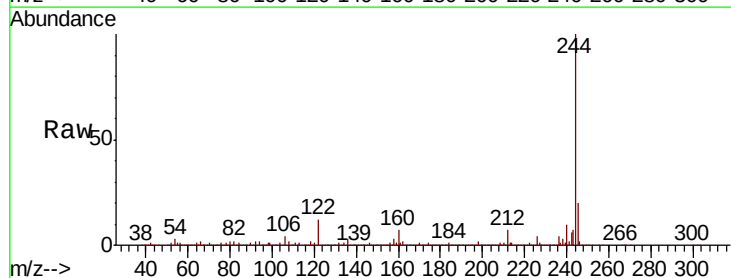
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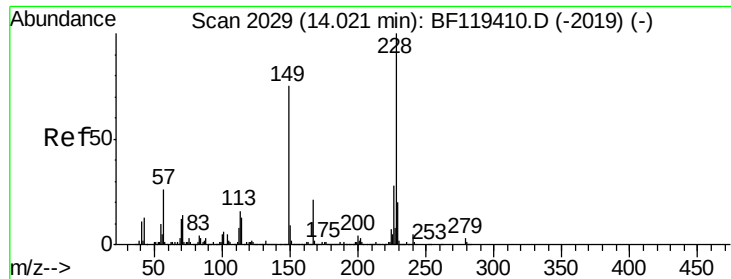
mohammad
4/8/2020 8:12:53 AM



#79
Terphenyl-d14
Concen: 75.335 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion:	244	Resp:	1465887
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	11.8	10.3	15.5





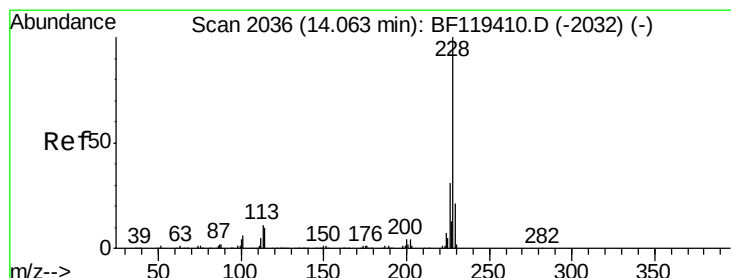
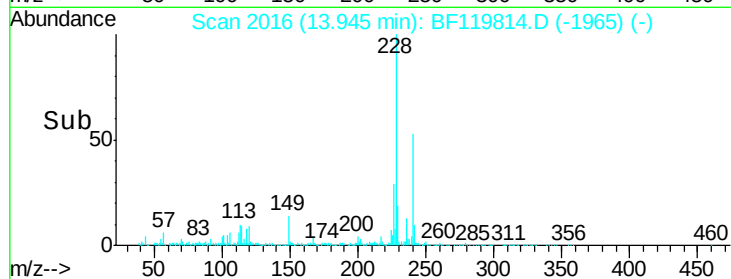
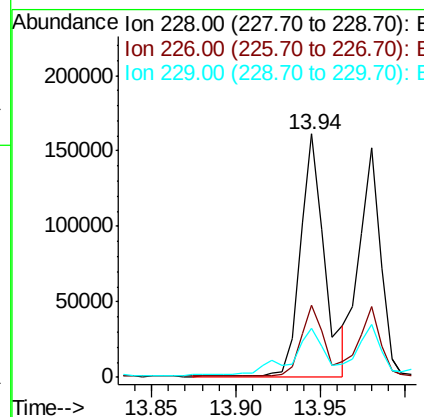
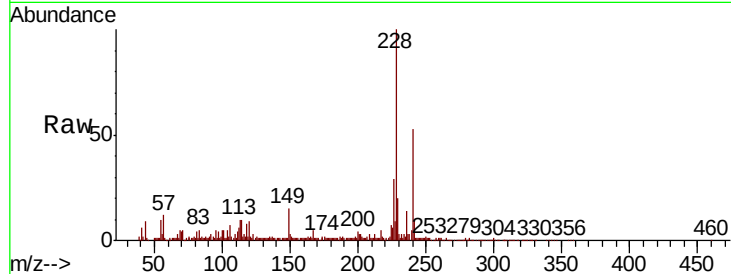
#81
Benzo(a)anthracene
Concen: 6.488 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.8	32.8
229	20.0	16.2	24.4

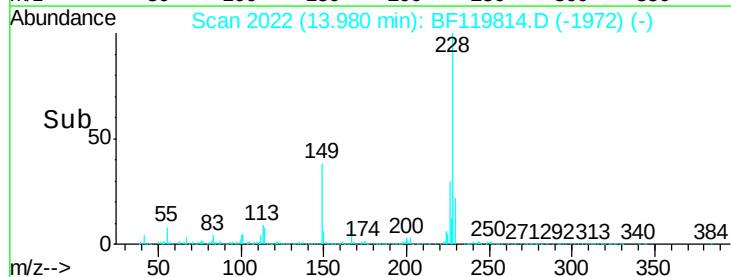
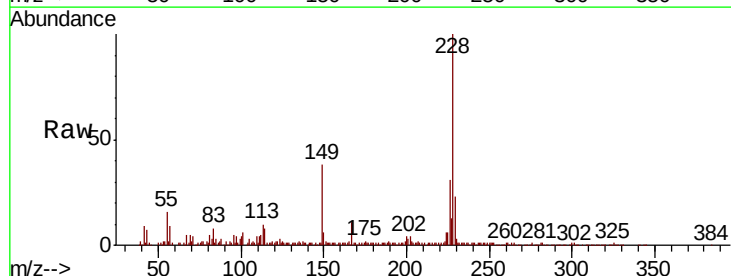
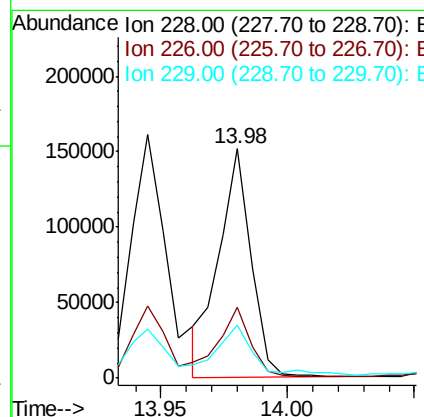
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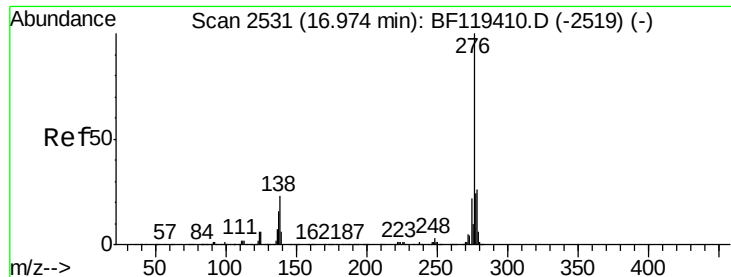
mohammad
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#83
Chrysene
Concen: 5.251 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.8	16.6	24.8





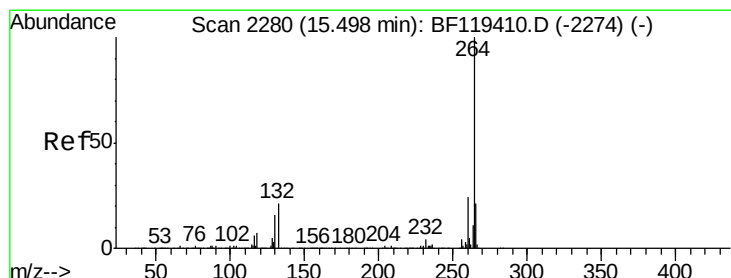
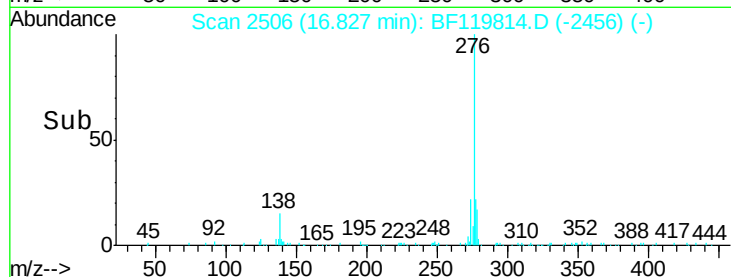
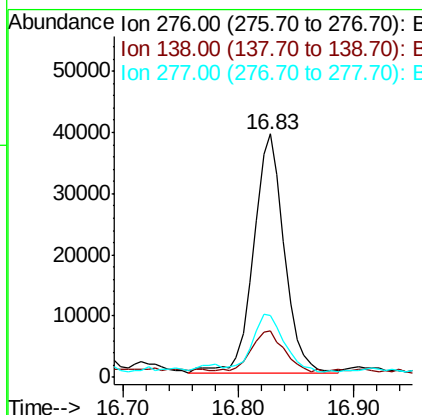
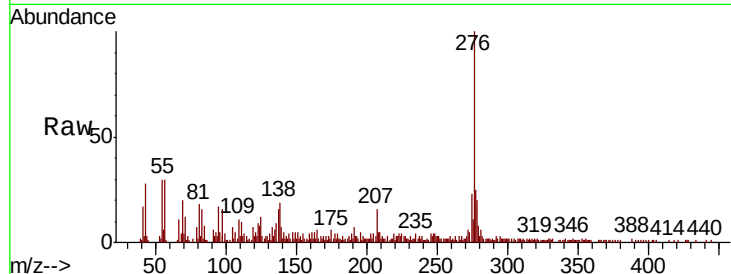
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.002 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	19.6	29.4#
277	24.3	20.0	30.0

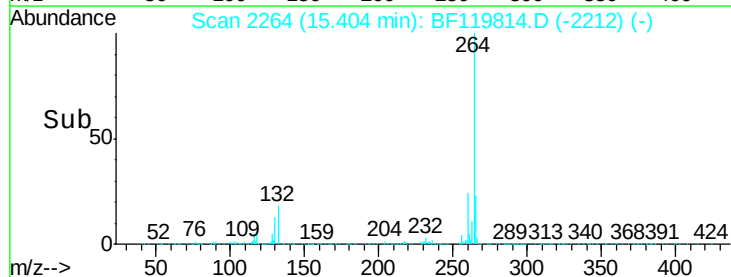
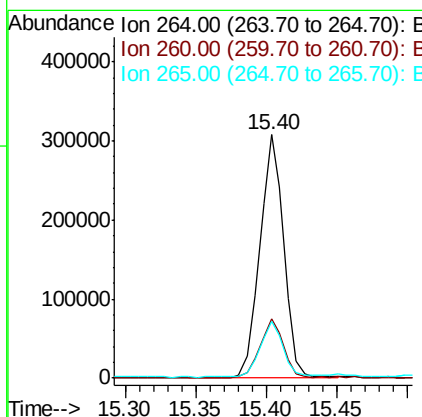
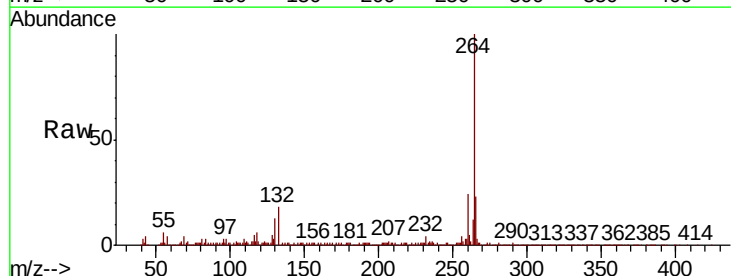
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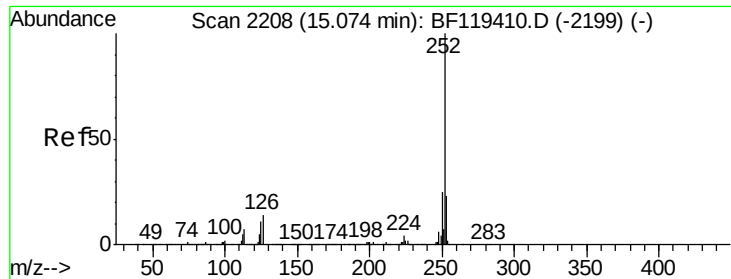
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	23.2	17.7	26.5





#88

Benzo(b)fluoranthene

Concen: 7.929 ng m

RT: 14.99 min Scan# 2193

Delta R.T. 0.00 min

Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Instrument :

BNA_F

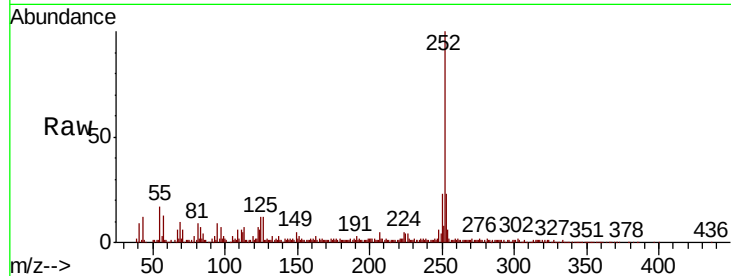
ClientSampleId :

FK-GF-02-055-A

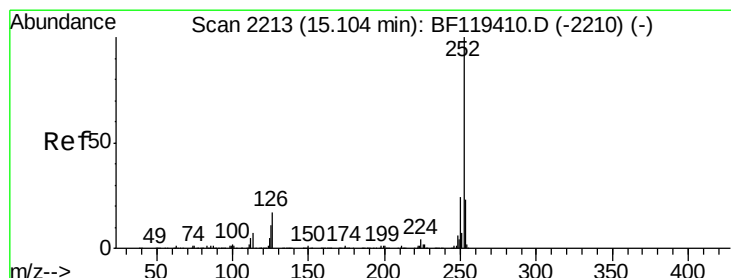
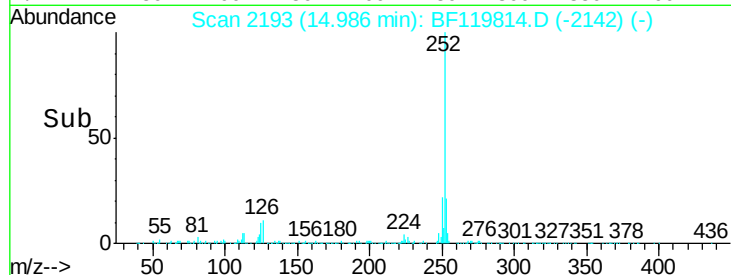
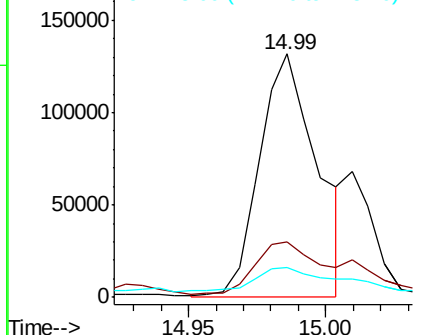
Tot Ion:	252	Resp:	193117
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	12.5	7.9	11.9#

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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: 2.207 ng m

RT: 15.01 min Scan# 2197

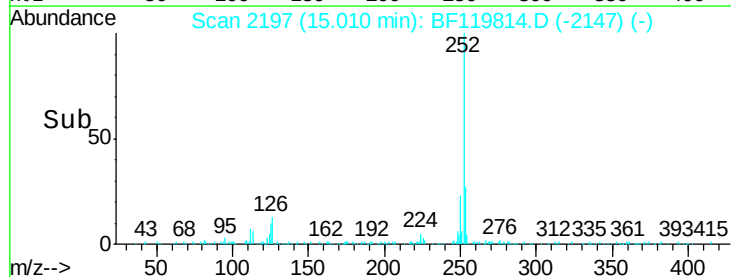
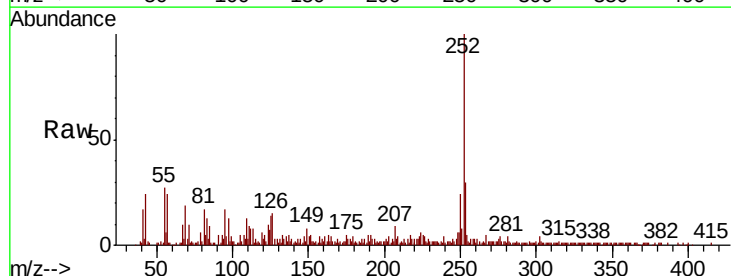
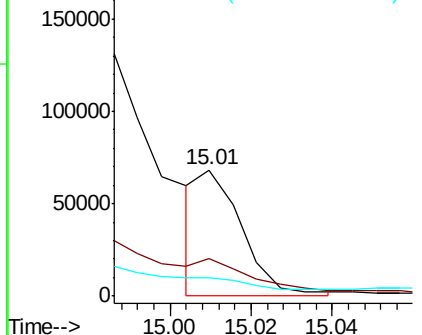
Delta R.T. -0.01 min

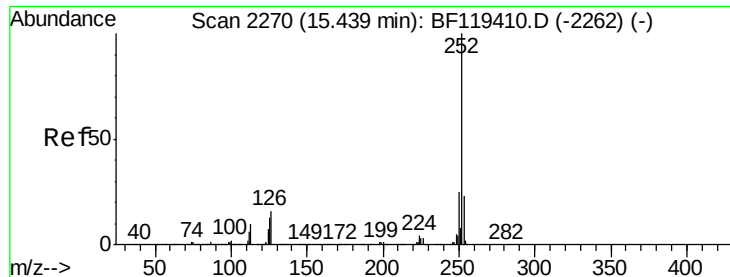
Lab File: BF119814.D

Acq: 7 Apr 2020 11:42

Tgt Ion:	252	Resp:	51193
Ion Ratio	Lower	Upper	
252	100		
253	30.1	17.8	26.6#
125	14.4	8.4	12.6#

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





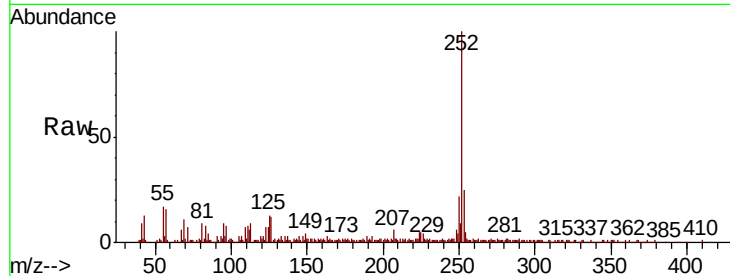
#90
Benzo(a)pyrene
Concen: 5.544 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-055-A

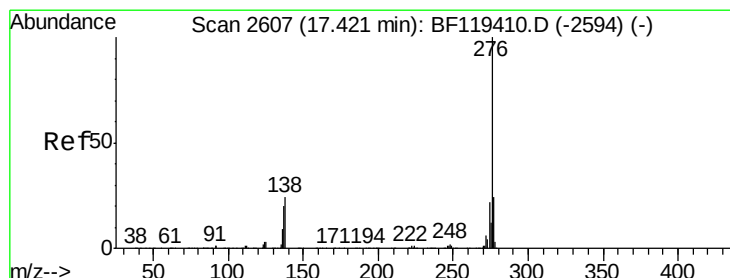
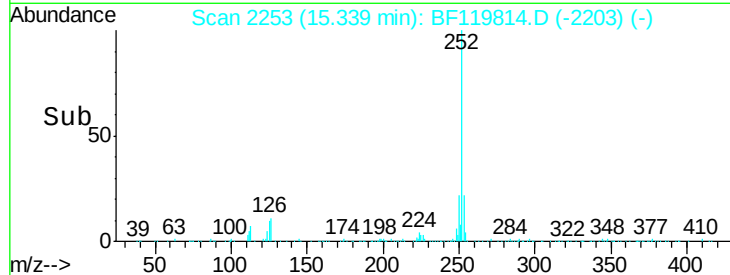
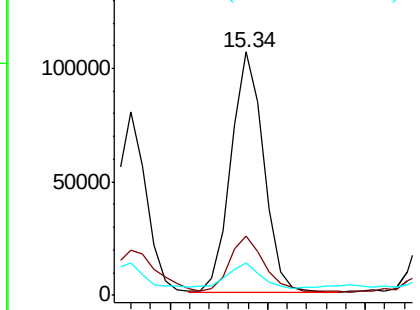
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.5	18.2	27.2	
125	13.2	9.4	14.2	

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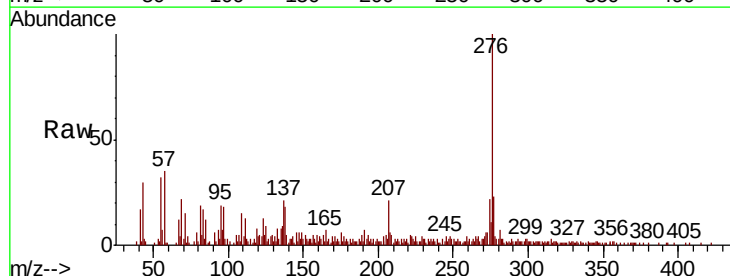


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.432 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119814.D
Acq: 7 Apr 2020 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	18.4	27.6	
138	18.2	15.4	23.0	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

