

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119618.D
 Acq On : 28 Mar 2020 15:51
 Operator : CG/JU
 Sample : L2035-01
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-A

Manual Integrations
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Quant Time: Mar 30 00:55:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	302573	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1207962	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	617655	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	935539	20.00	ng	0.00
76) Chrysene-d12	14.00	240	650664	20.00	ng	-0.01
87) Perylene-d12	15.47	264	656682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1640157	86.29	ng	0.01
7) Phenol-d6	6.46	99	2094050	86.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	1414524	63.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	524687	82.34	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2472964	59.32	ng	0.00
79) Terphenyl-d14	12.95	244	1903372	57.31	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	183463	4.182	ng	Qvalue 100
71) Phenanthrene	11.39	178	147858	3.048	ng	98
75) Fluoranthene	12.57	202	345590	6.583	ng	98
78) Pyrene	12.80	202	314615	5.892	ng	97
81) Benzo(a)anthracene	13.99	228	222347	5.255	ng	96
83) Chrysene	14.03	228	194714	4.459	ng	97
86) Indeno(1,2,3-cd)pyrene	16.92	276	109950	2.673	ng	# 92
88) Benzo(b)fluoranthene	15.04	252	304257m	6.936	ng	
89) Benzo(k)fluoranthene	15.06	252	101908m	2.440	ng	
90) Benzo(a)pyrene	15.40	252	204496	5.130	ng	98
92) Benzo(g,h,i)perylene	17.36	276	96948	2.768	ng	96

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

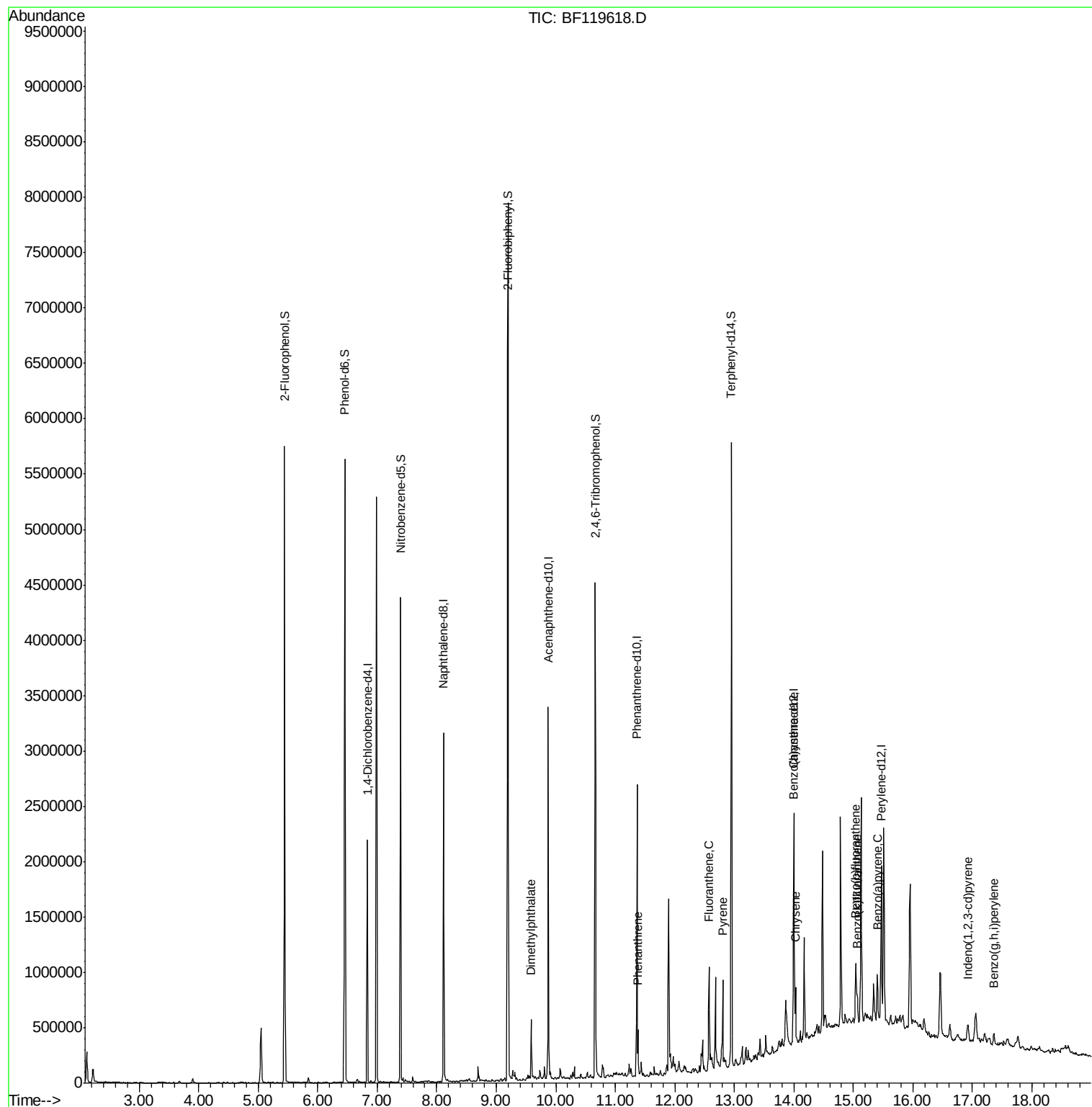
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119618.D
Acq On : 28 Mar 2020 15:51
Operator : CG/JU
Sample : L2035-01
Misc :
ALS Vial : 48 Sample Multiplier: 1

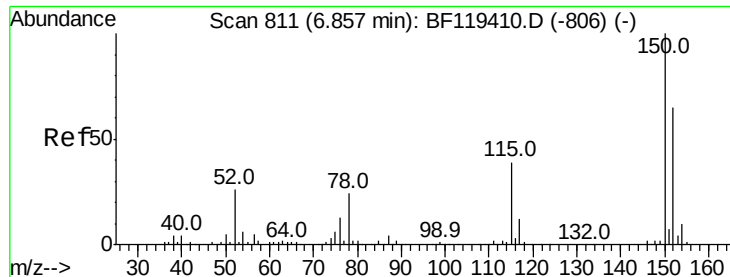
Instrument :
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FK-GF-02-054-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
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#1

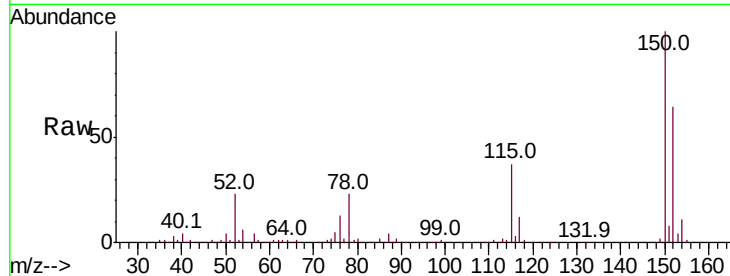
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	57.5	49.6	74.4

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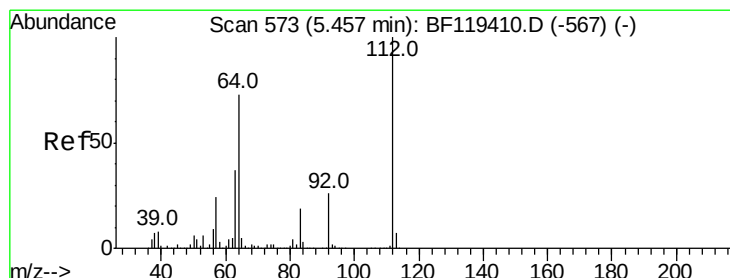
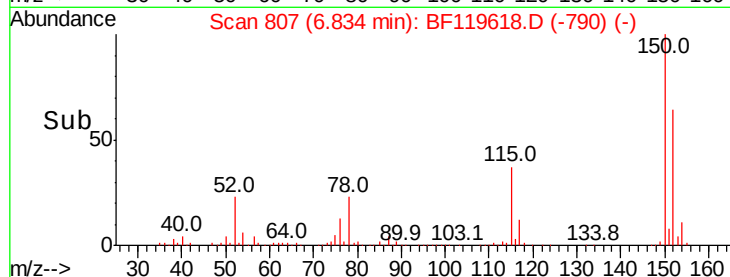
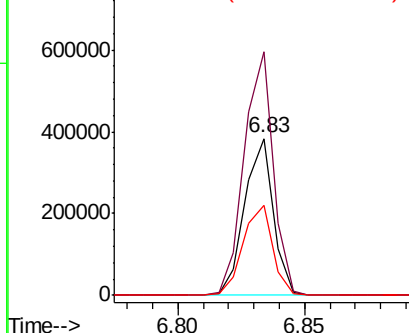


Abundance

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: 86.292 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

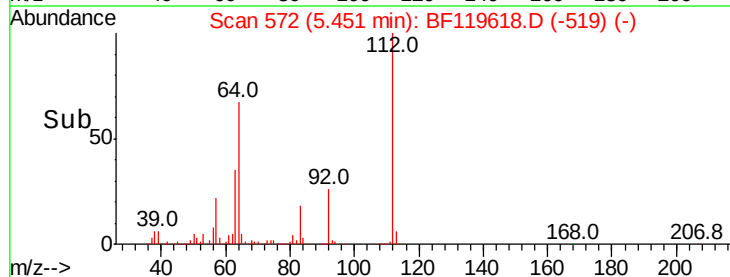
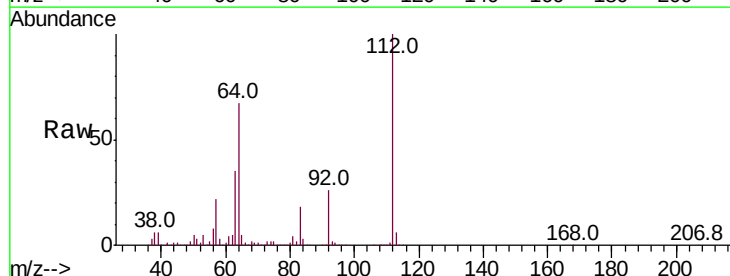
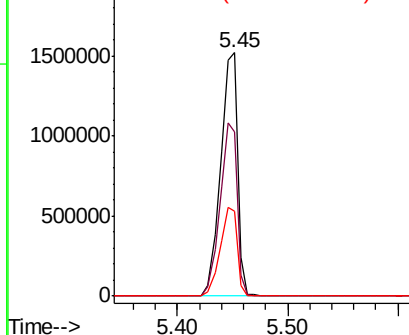
Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	56.7	85.1
63	34.7	29.5	44.3

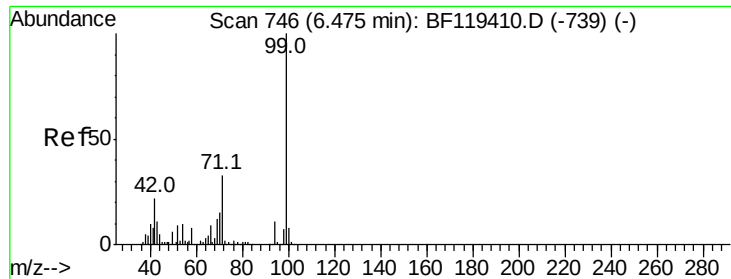
Abundance

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: 86.246 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119618.D

Acq: 28 Mar 2020 15:51

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-054-A

Tot Ion: 99 Resp: 2094050

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

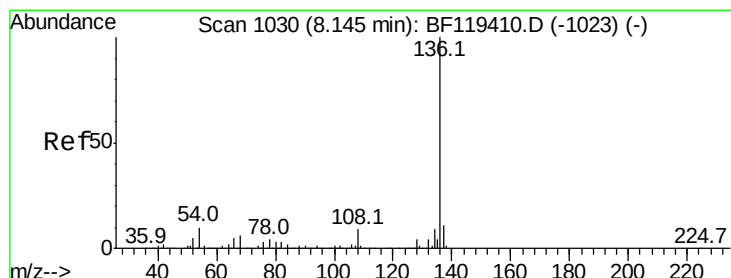
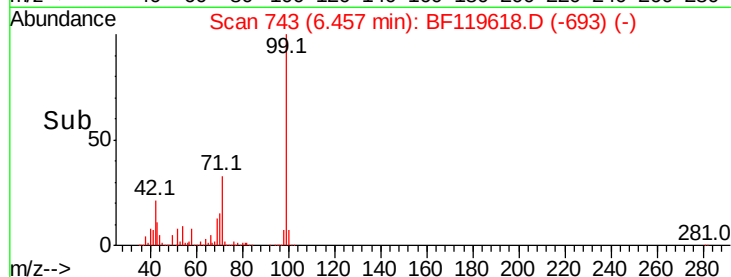
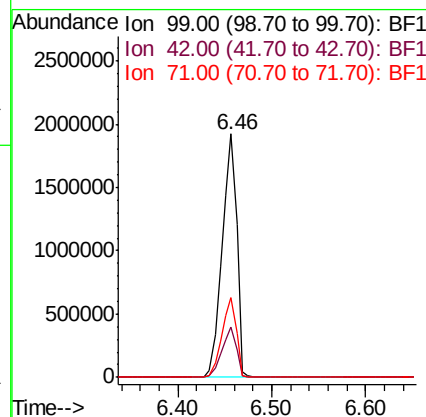
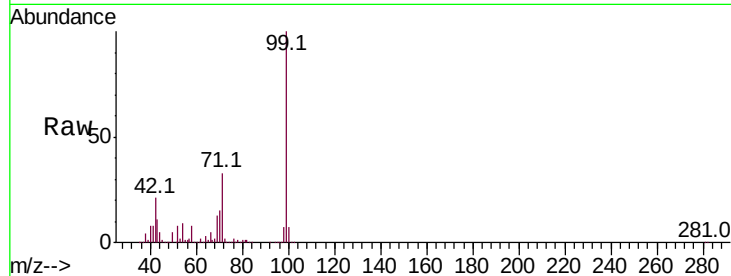
71 32.9 26.4 39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119618.D

Acq: 28 Mar 2020 15:51

Tgt Ion: 136 Resp: 1207962

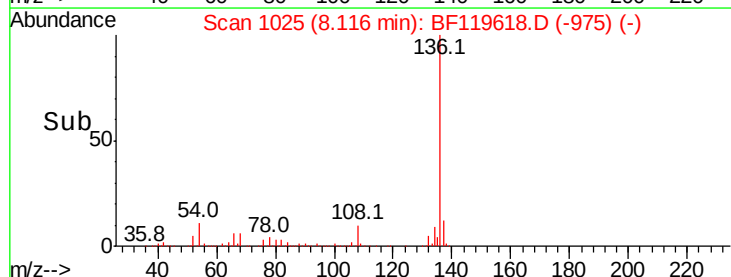
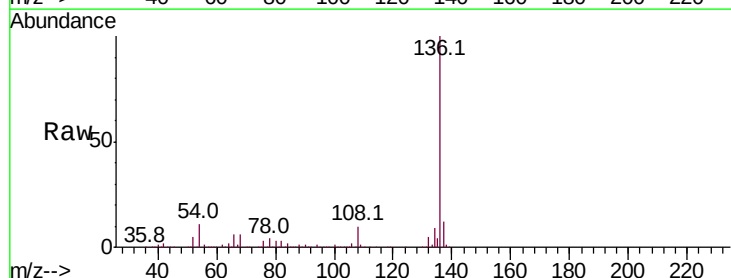
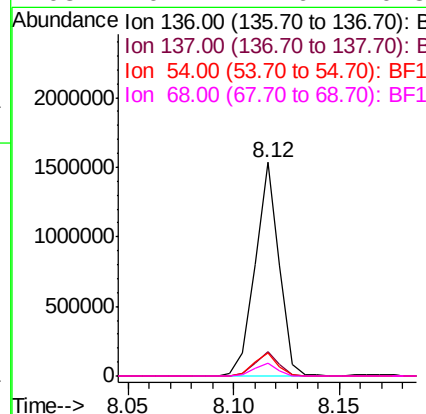
Ion Ratio Lower Upper

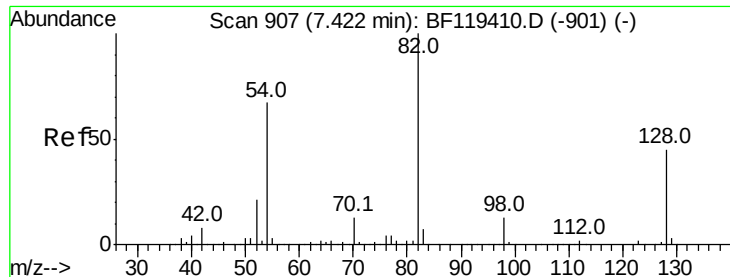
136 100

137 11.6 8.7 13.1

54 11.0 9.1 13.7

68 6.1 4.6 6.8





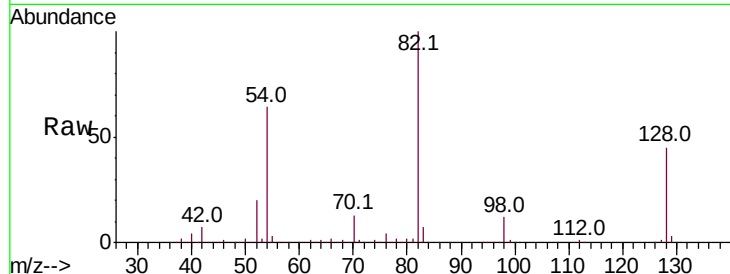
#23
Nitrobenzene-d5
Concen: 63.641 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

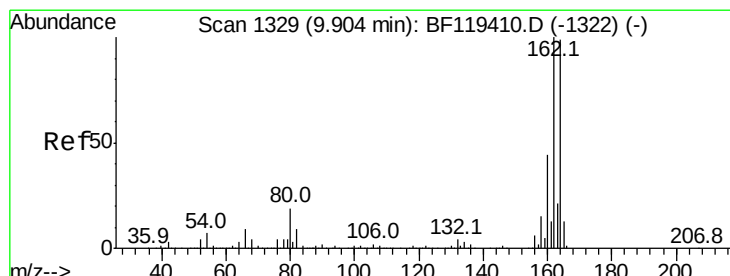
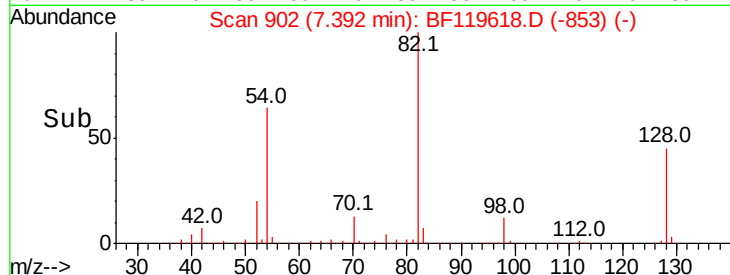
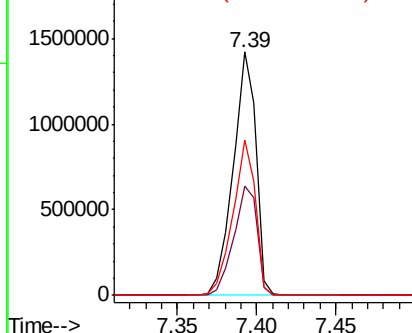
Tot Ion: 82 Resp: 1414524
Ion Ratio Lower Upper
82 100
128 45.0 36.3 54.5
54 63.8 50.6 75.8

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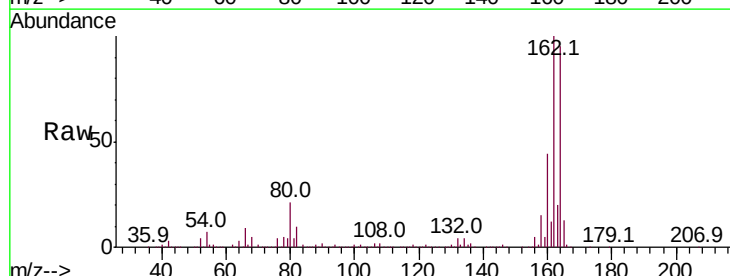


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

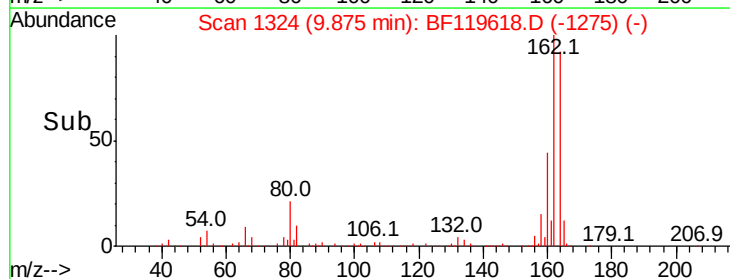
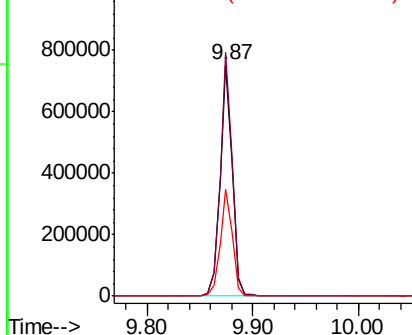


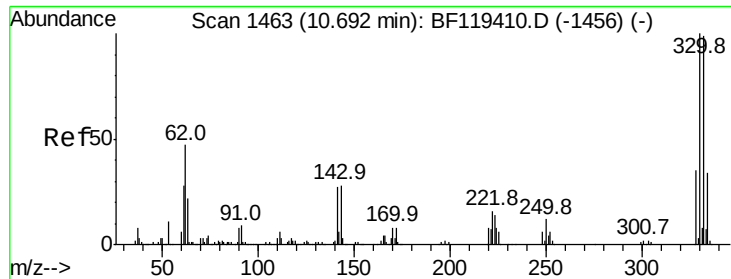
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Tgt Ion:164 Resp: 617655
Ion Ratio Lower Upper
164 100
162 105.4 80.6 121.0
160 46.1 35.7 53.5



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





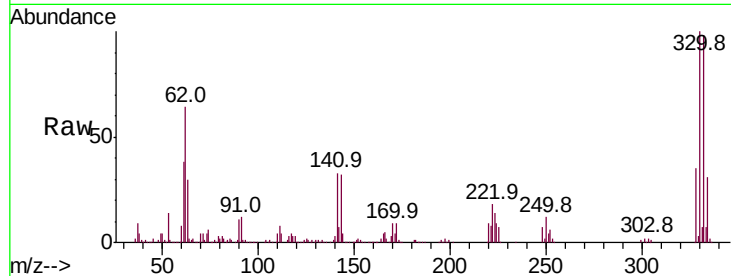
#42
 2,4,6-Tribromophenol
 Concen: 82.341 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF119618.D
 Acq: 28 Mar 2020 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-A

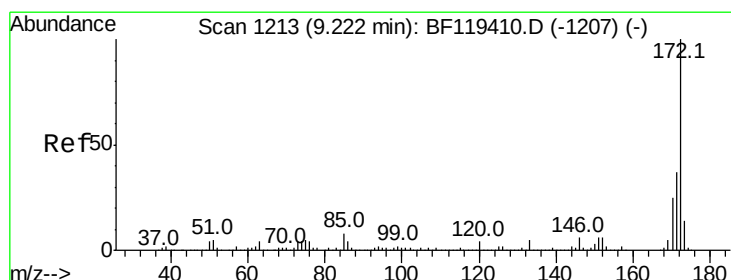
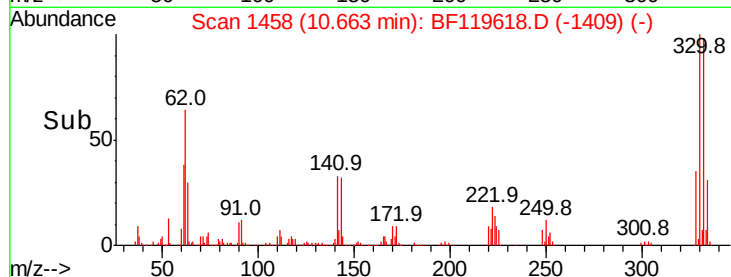
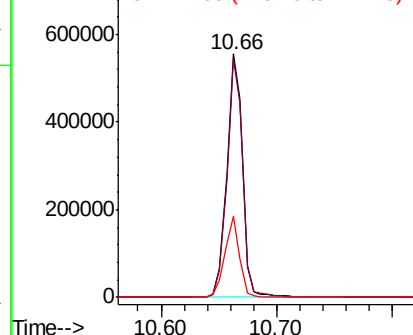
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.7	113.5
141	31.6	25.4	38.0

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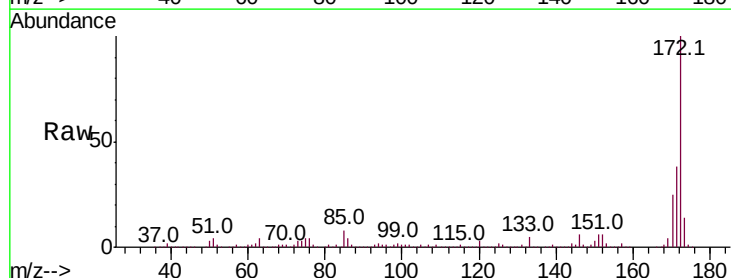


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

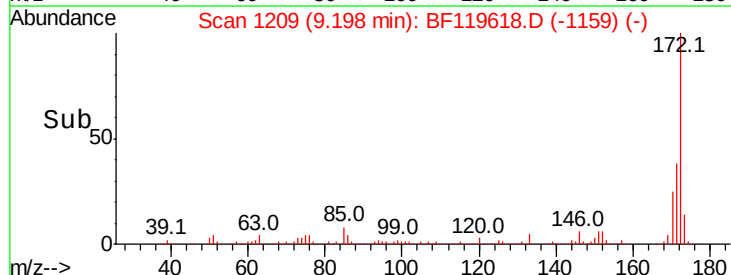
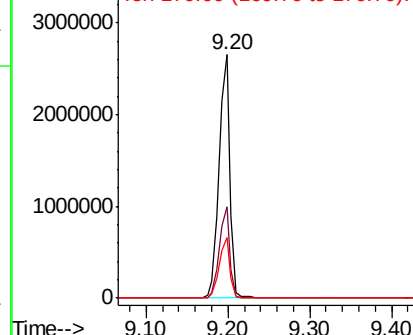


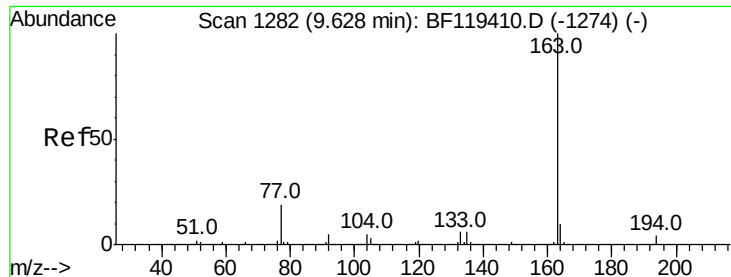
#45
 2-Fluorobiphenyl
 Concen: 59.315 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119618.D
 Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.6	44.4
170	24.9	20.2	30.2



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





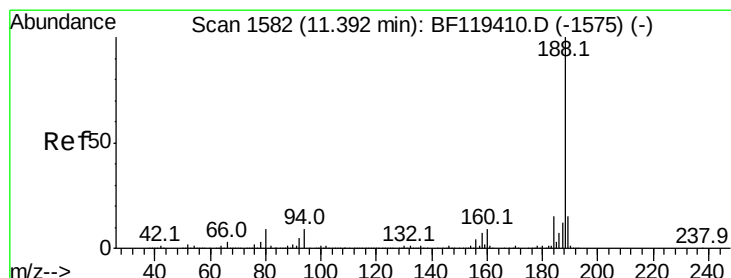
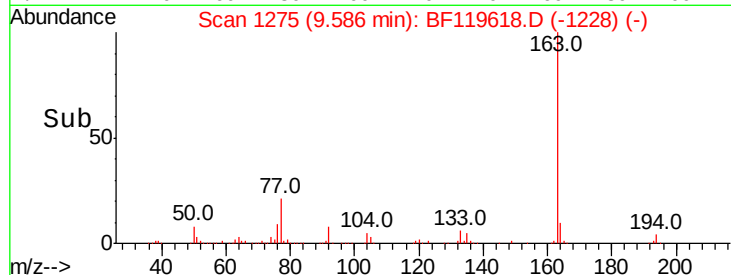
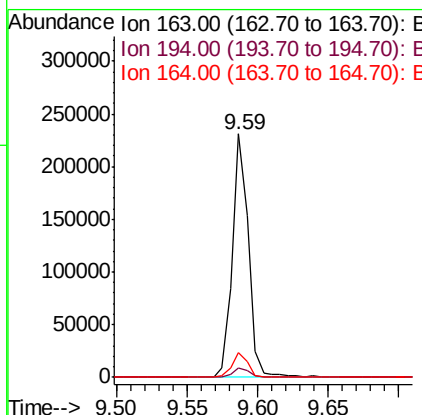
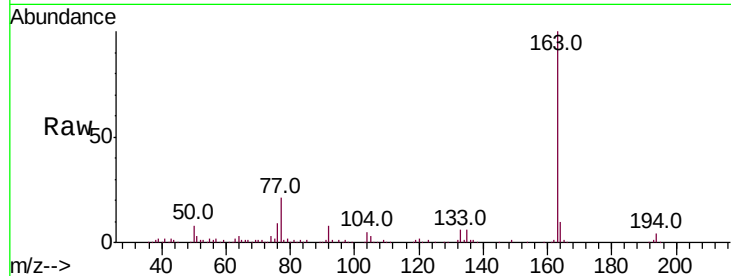
#50
Dimethylphthalate
Concen: 4.182 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	183463		
194	4.0		3.1	4.7
164	10.3		8.2	12.2

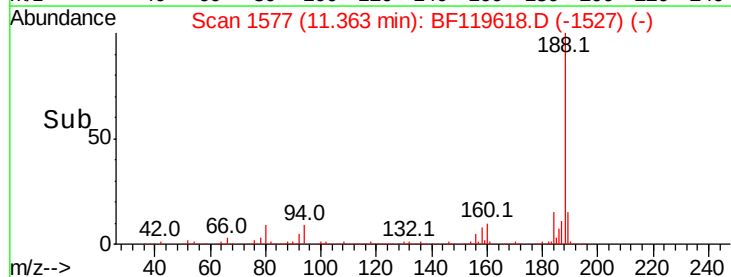
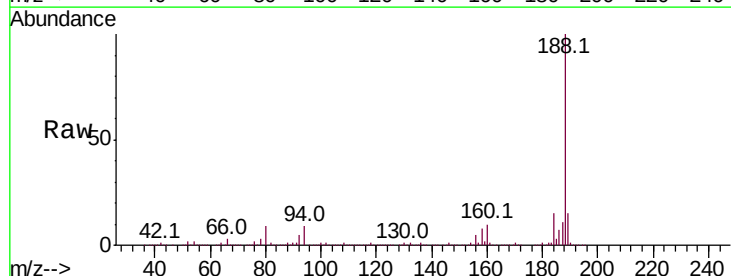
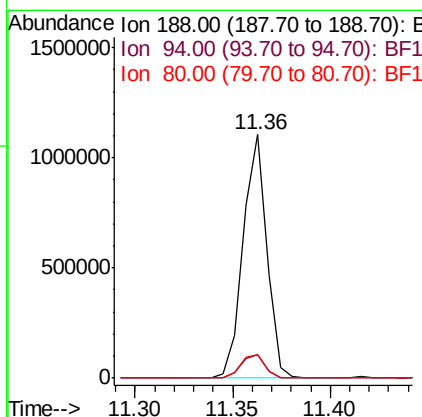
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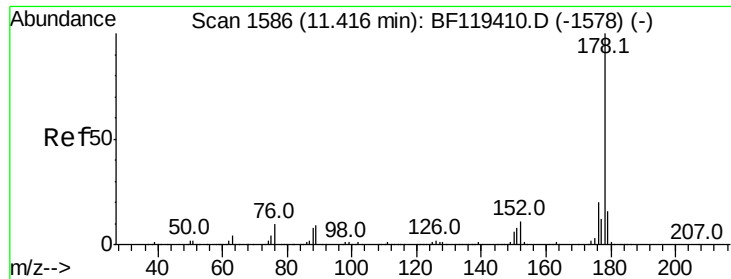
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	935539		
94	9.5		7.5	11.3
80	9.5		9.0	13.4





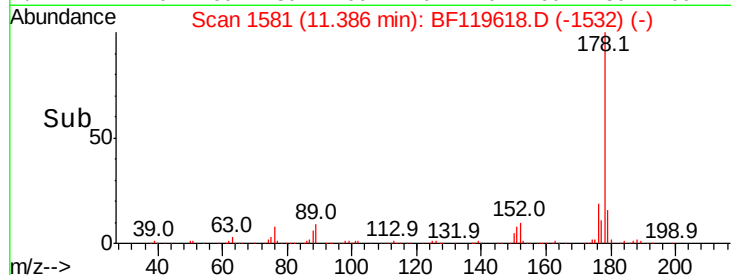
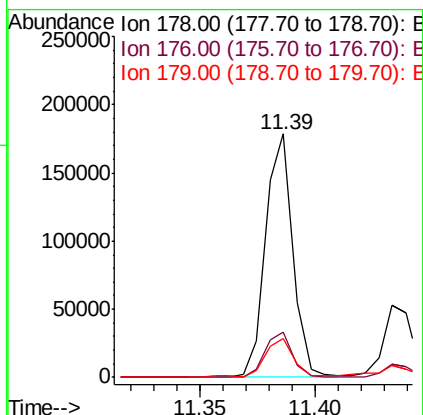
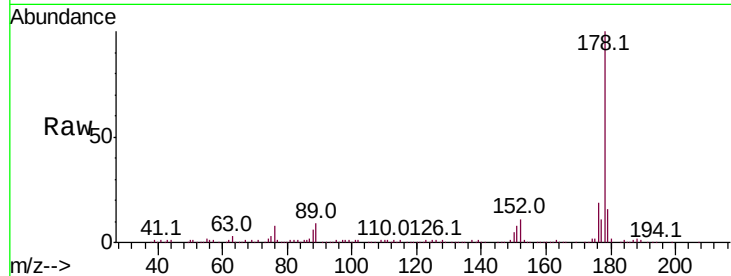
#71
Phenanthrene
Concen: 3.048 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	16.1	13.2	19.8

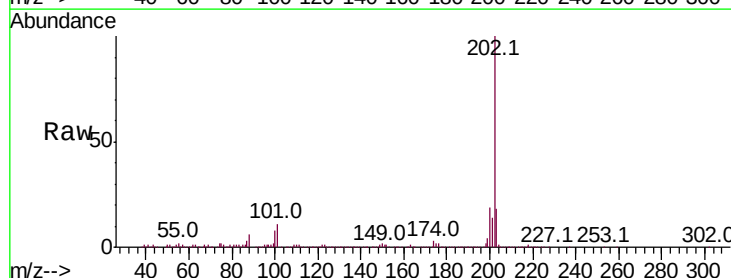
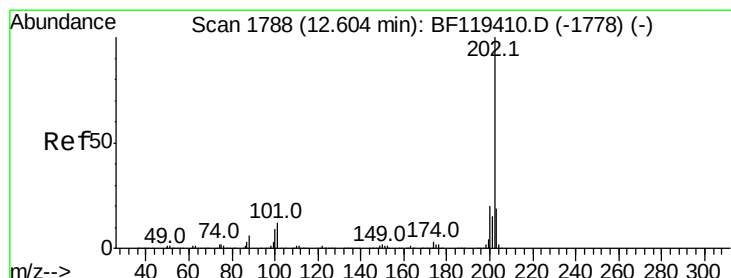
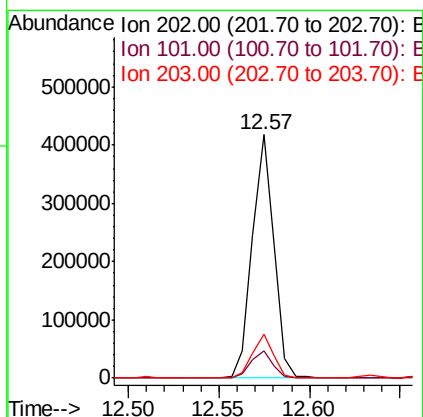
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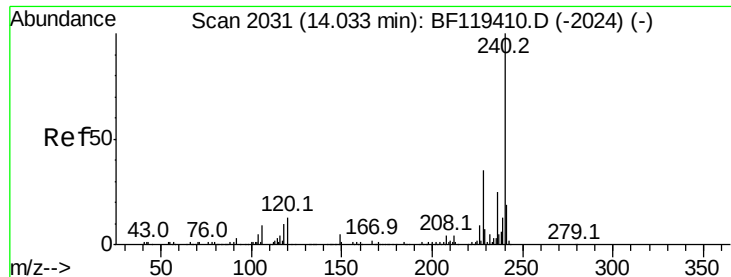
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#75
Fluoranthene
Concen: 6.583 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.2
203	17.9	0.0	38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119618.D

Acq: 28 Mar 2020 15:51

Instrument :

BNA_F

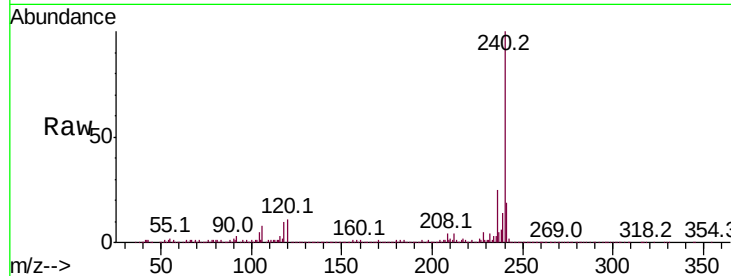
ClientSampleId :

FK-GF-02-054-A

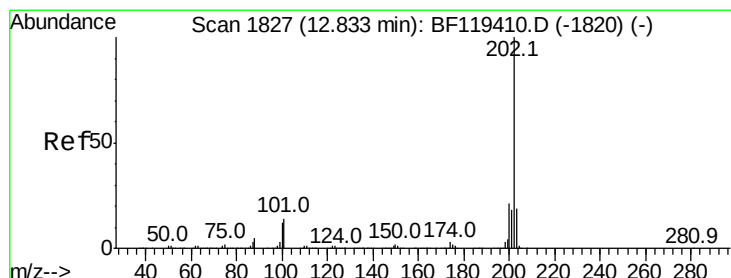
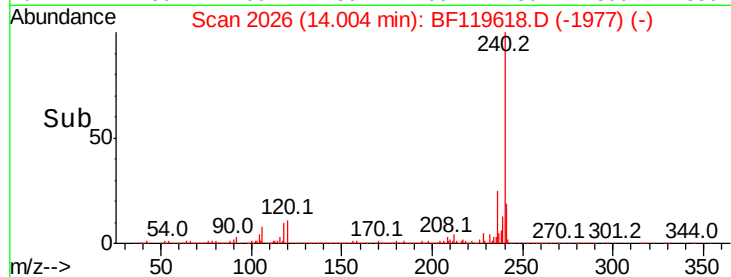
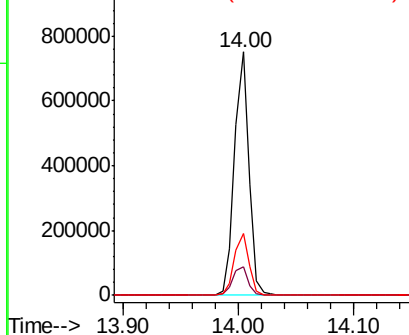
Tot Ion:	240	Resp:	650664
Ion Ratio	Lower	Upper	
240	100		
120	11.5	10.6	15.8
236	25.2	20.2	30.2

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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: 5.892 ng

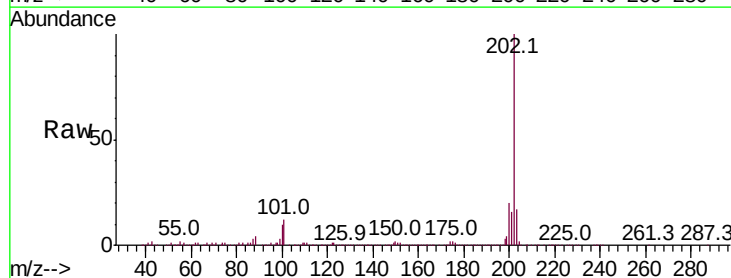
RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

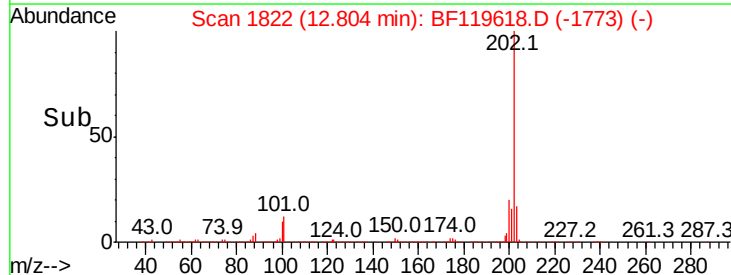
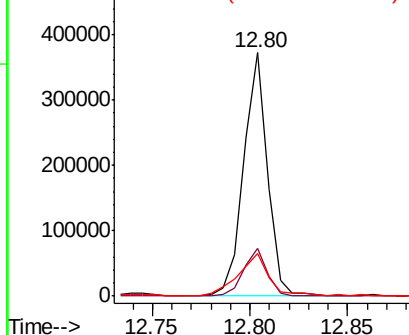
Lab File: BF119618.D

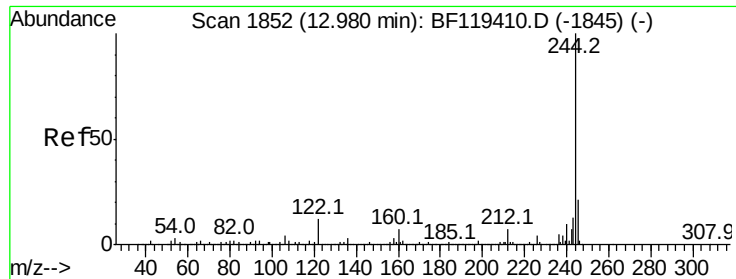
Acq: 28 Mar 2020 15:51

Tgt Ion:	202	Resp:	314615
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.8	25.2
203	17.3	15.1	22.7



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





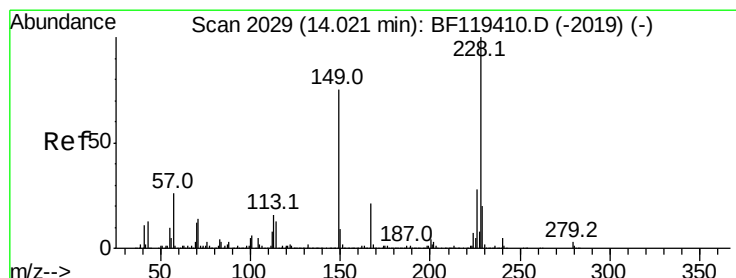
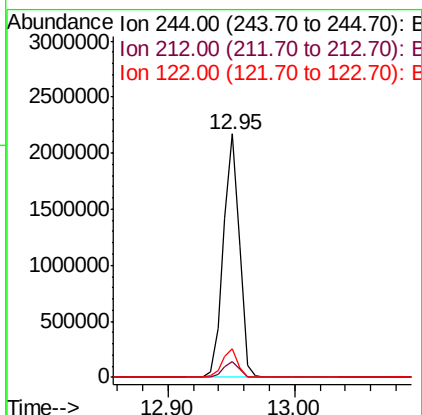
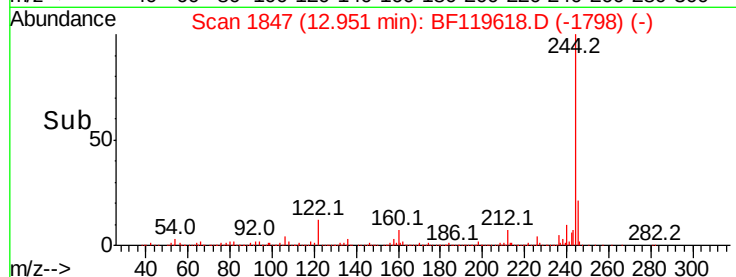
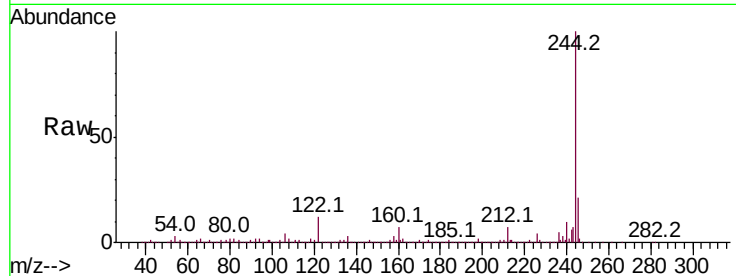
#79
 Terphenyl-d14
 Concen: 57.312 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF119618.D
 Acq: 28 Mar 2020 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	10.3	15.5

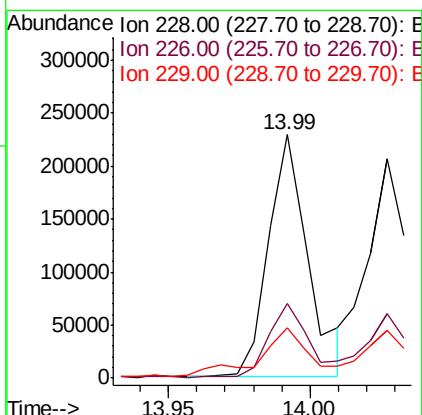
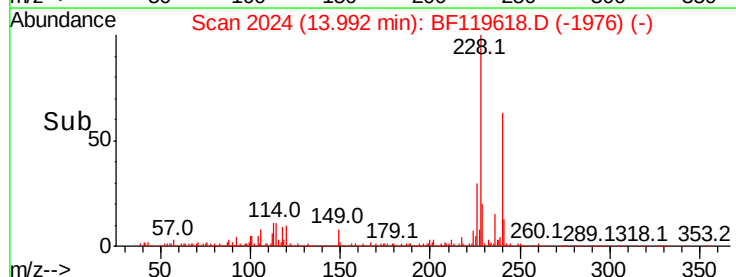
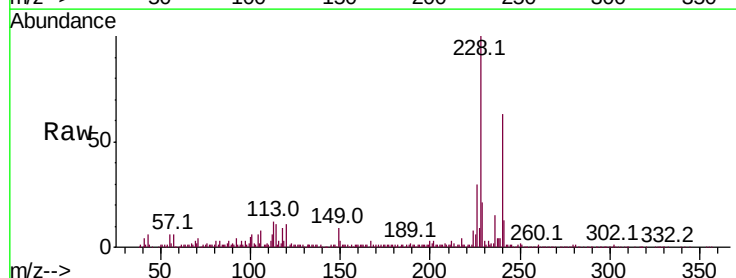
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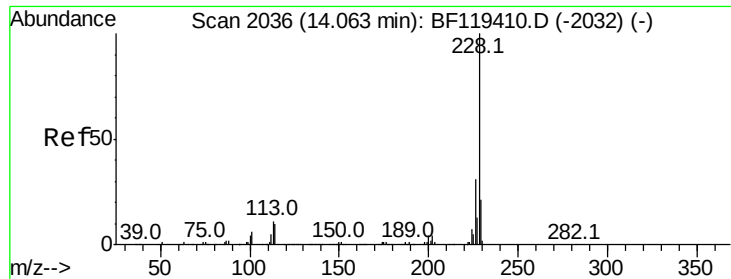
mohammad
 3/31/2020 8:14:35 AM



#81
 Benzo(a)anthracene
 Concen: 5.255 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF119618.D
 Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.8	32.8
229	20.6	16.2	24.4





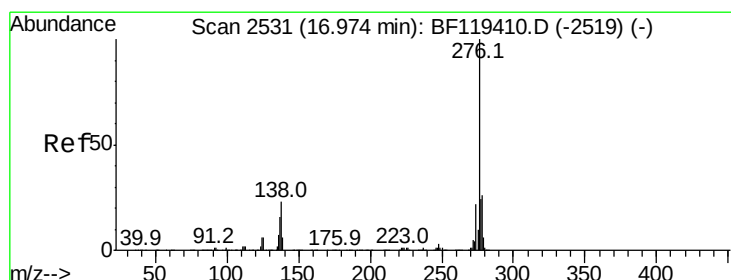
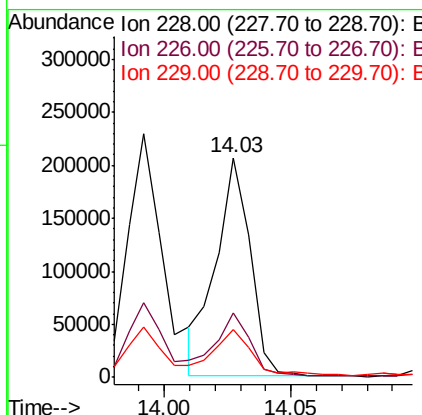
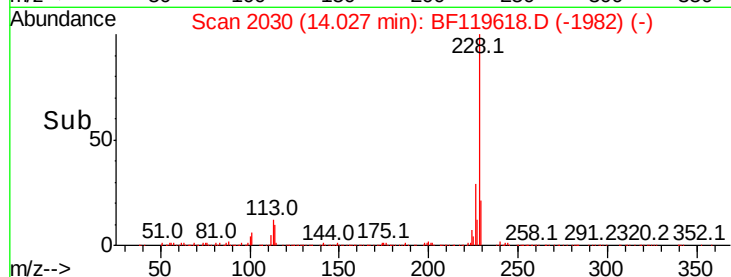
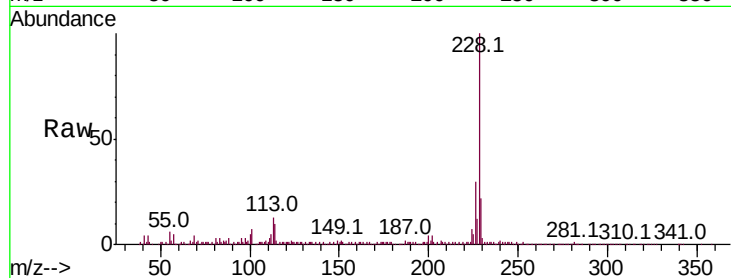
#83
Chrysene
Concen: 4.459 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.4	38.0
229	21.7	16.6	24.8

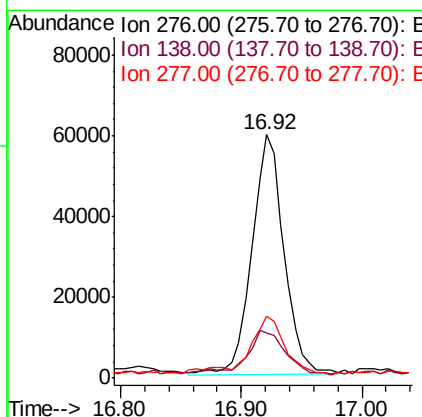
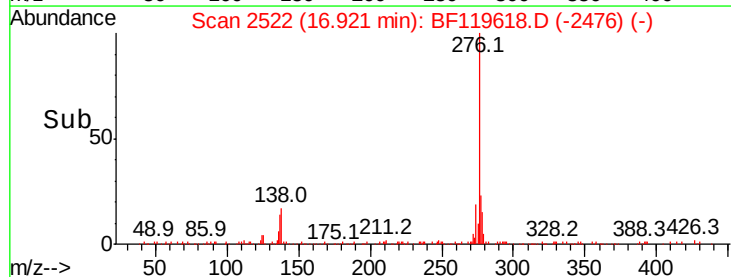
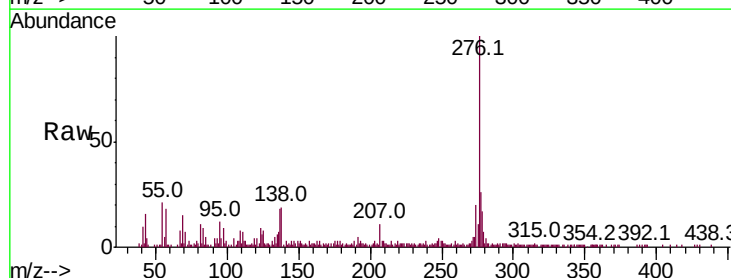
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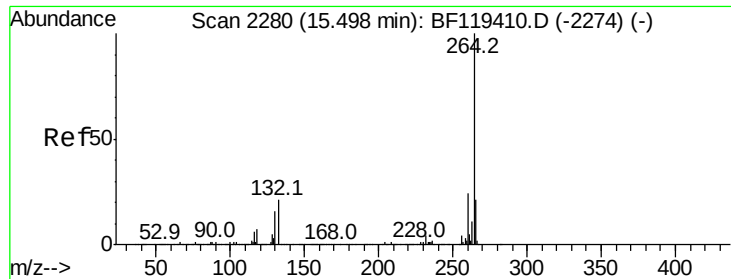
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.673 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.03 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.6	29.4#
277	27.6	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF119618.D

Acq: 28 Mar 2020 15:51

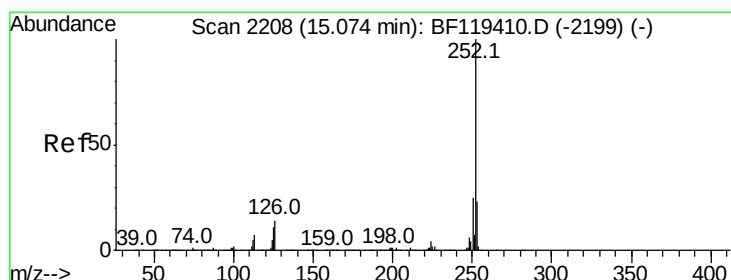
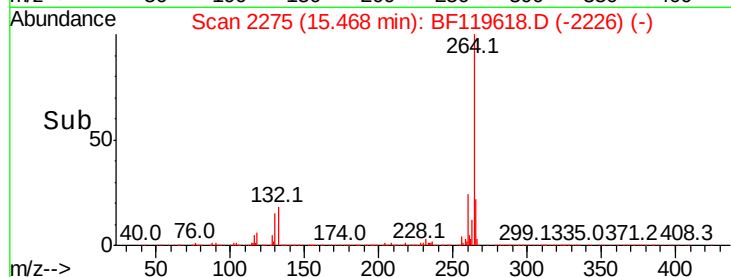
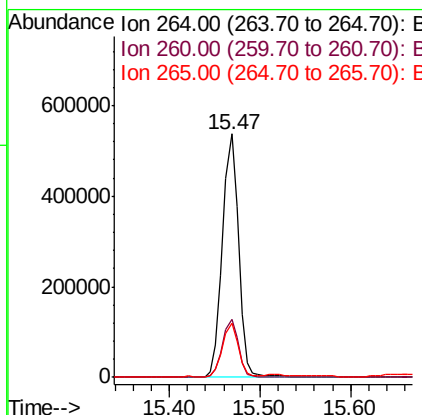
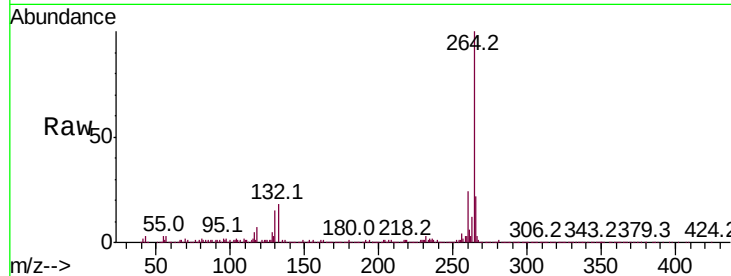
Instrument :
BNA_F

ClientSampleId :
FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.3	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 6.936 ng m

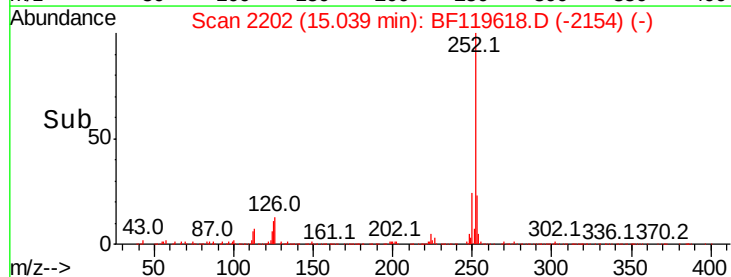
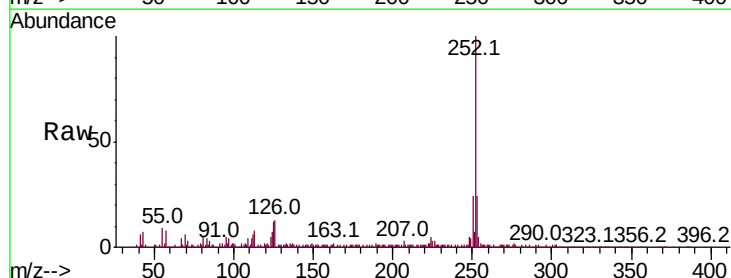
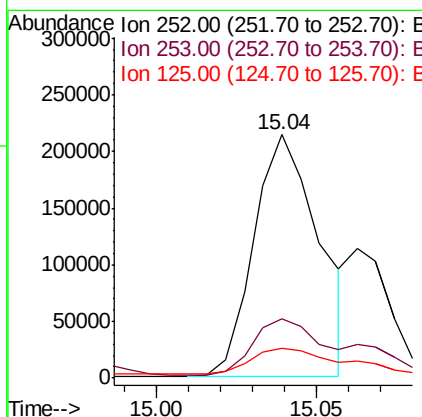
RT: 15.04 min Scan# 2202

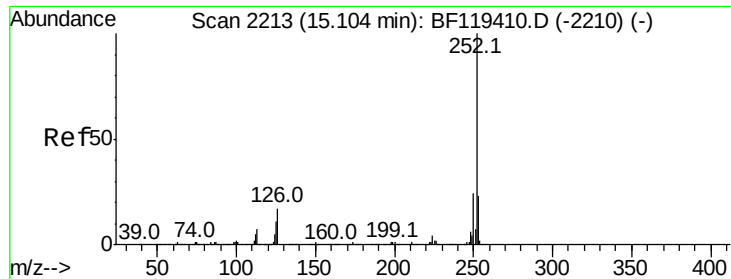
Delta R.T. -0.02 min

Lab File: BF119618.D

Acq: 28 Mar 2020 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	12.5	7.9	11.9





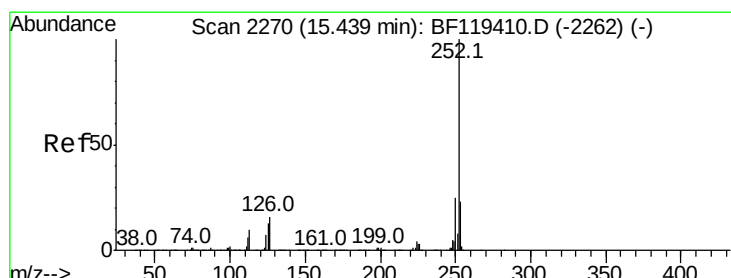
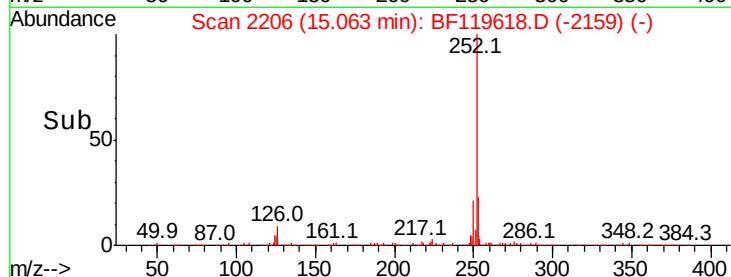
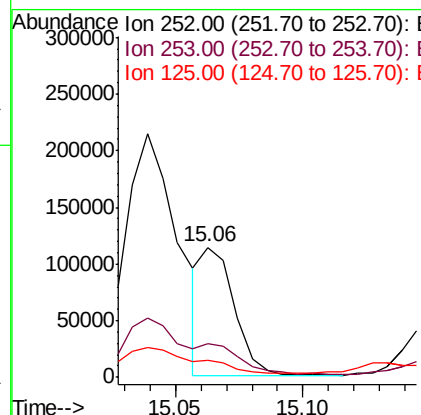
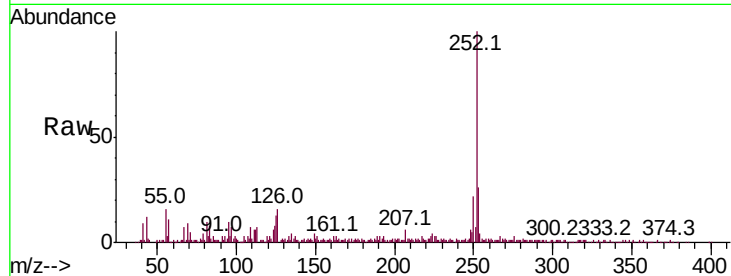
#89
Benzo(k)fluoranthene
Concen: 2.440 ng m
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-054-A

Tot Ion:	252	Resp:	101908
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.8	26.6
125	12.7	8.4	12.6#

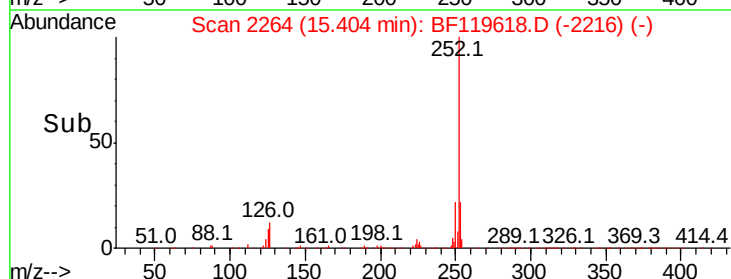
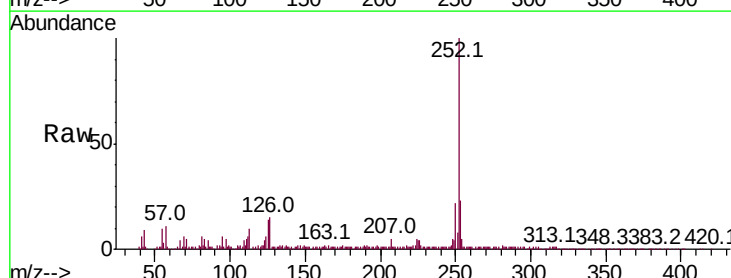
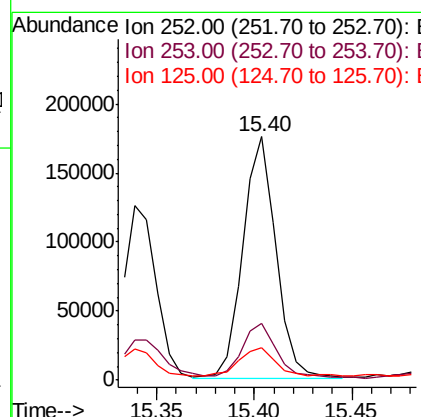
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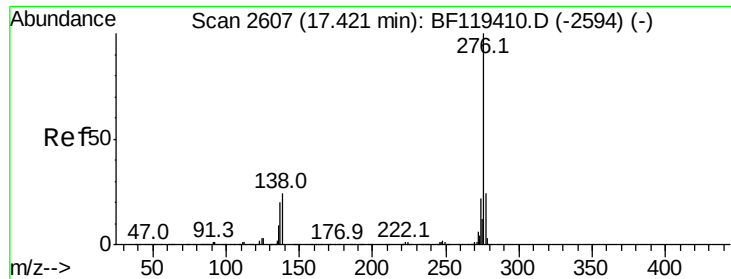
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#90
Benzo(a)pyrene
Concen: 5.130 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF119618.D
Acq: 28 Mar 2020 15:51

Tgt Ion:	252	Resp:	204496
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.2
125	13.5	9.4	14.2





#92
 Benzo(a,h,i)perylene
 Concen: 2.768 ng
 RT: 17.36 min Scan# 2597
 Delta R.T. -0.04 min
 Lab File: BF119618.D
 Acq: 28 Mar 2020 15:51

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-054-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.4	27.6
138	21.5	15.4	23.0

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