

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119812.D
 Acq On : 7 Apr 2020 10:48
 Operator : MA/SJ
 Sample : L2147-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-056-A

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:46 AM

Quant Time: Apr 07 11:20:05 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	172706	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	640769	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	308334	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	554347	20.00	ng	0.00
76) Chrysene-d12	13.95	240	387656	20.00	ng	0.00
87) Perylene-d12	15.40	264	381200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1041148	95.97	ng	0.00
7) Phenol-d6	6.41	99	1328039	95.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	798084	67.69	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	331551	104.23	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1382587	66.43	ng	0.00
79) Terphenyl-d14	12.90	244	1359693	68.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.92	79	42628	4.089	ng	96
50) Dimethylphthalate	9.54	163	264715	12.087	ng	98
71) Phenanthrene	11.33	178	223189	7.765	ng	98
75) Fluoranthene	12.52	202	404716	13.010	ng	96
78) Pyrene	12.75	202	355929	11.188	ng	97
81) Benzo(a)anthracene	13.94	228	169903	6.740	ng	98
83) Chrysene	13.97	228	156384	6.011	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	92649	6.040	ng	99
86) Indeno(1,2,3-cd)pyrene	16.82	276	83889	3.424	ng	94
88) Benzo(b)fluoranthene	14.98	252	208229m	8.177	ng	
89) Benzo(k)fluoranthene	15.00	252	60390m	2.491	ng	
90) Benzo(a)pyrene	15.33	252	137138	5.926	ng	99
92) Benzo(a,h,i)perylene	17.24	276	78980	3.884	ng	# 92

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

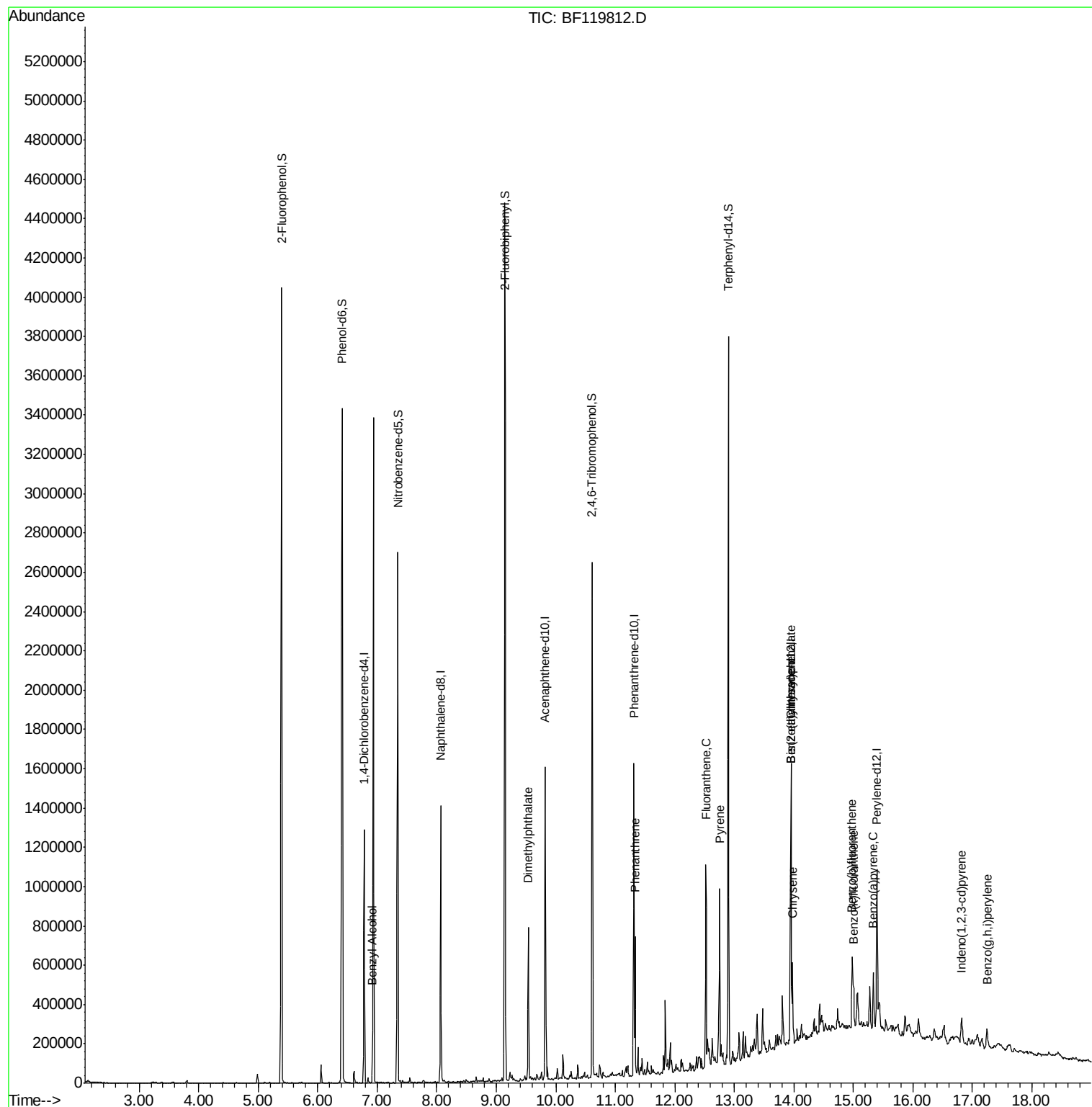
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119812.D
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Operator : MA/SJ
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ALS Vial : 50 Sample Multiplier: 1

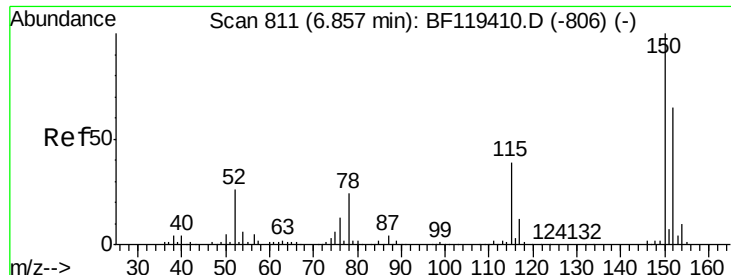
Instrument :
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#1

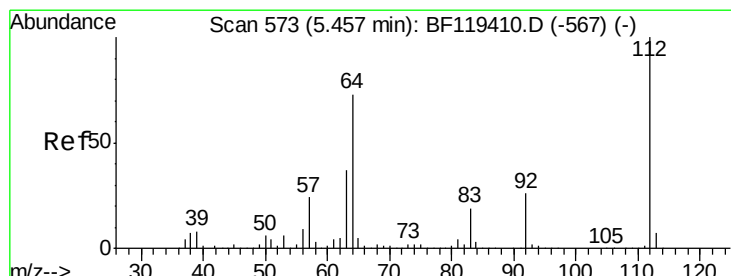
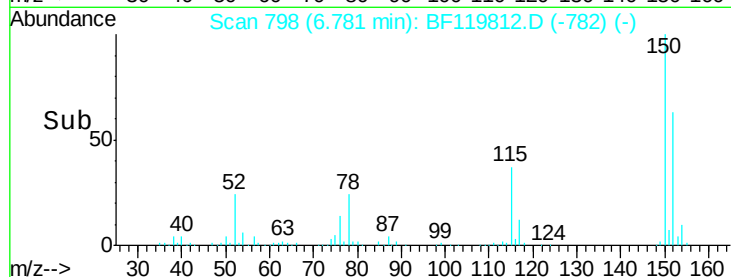
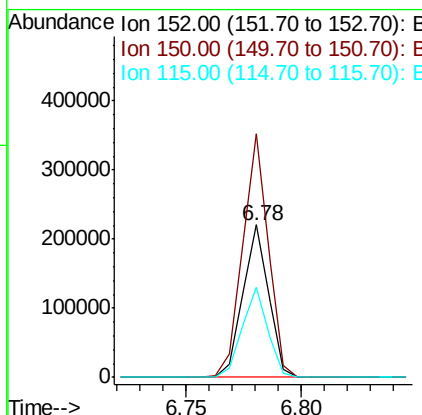
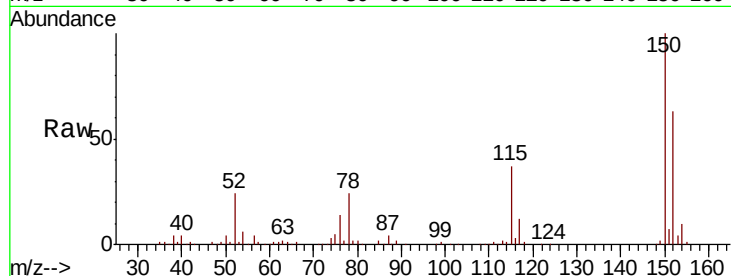
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.5	186.7
115	59.2	49.6	74.4

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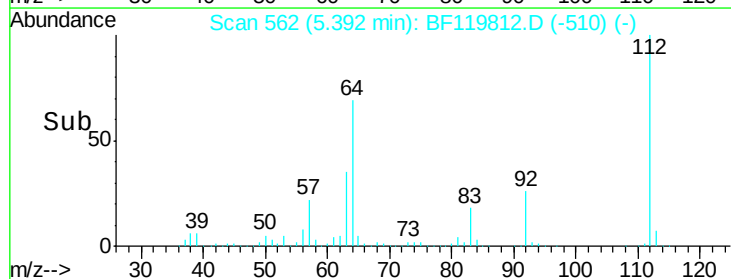
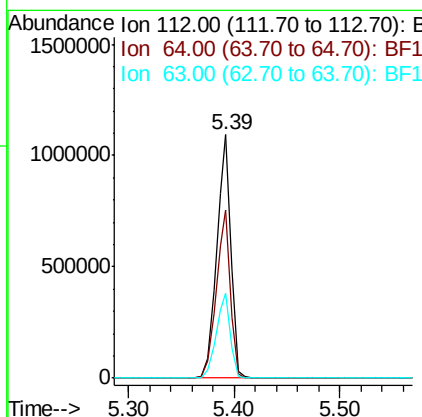
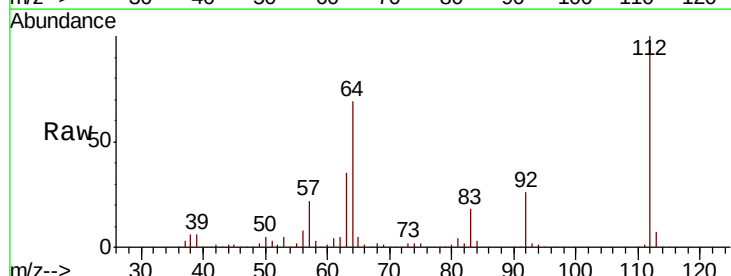
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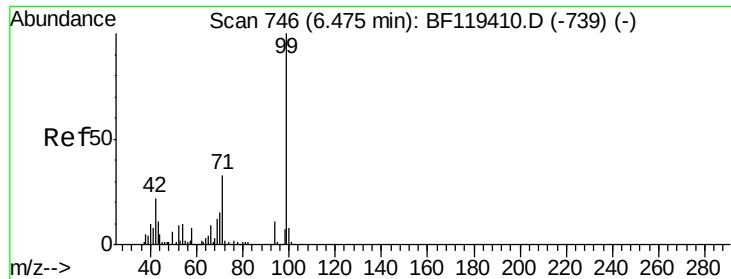


#5

2-Fluorophenol
Concen: 95.967 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	56.7	85.1
63	35.1	29.5	44.3





#7

Phenol-d6

Concen: 95.826 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-056-A

Tot Ion: 99 Resp: 1328039

Ion Ratio Lower Upper

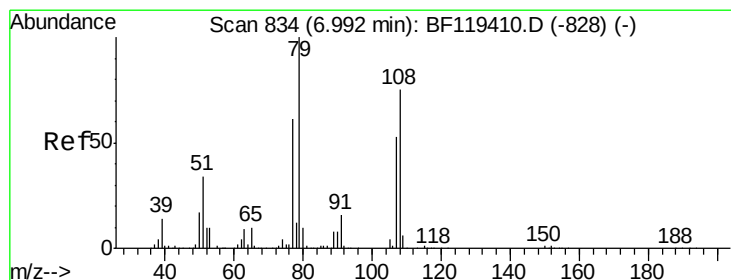
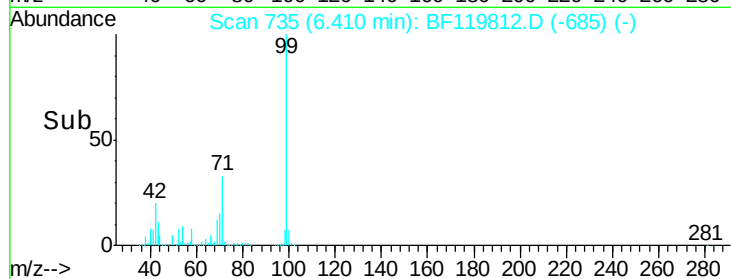
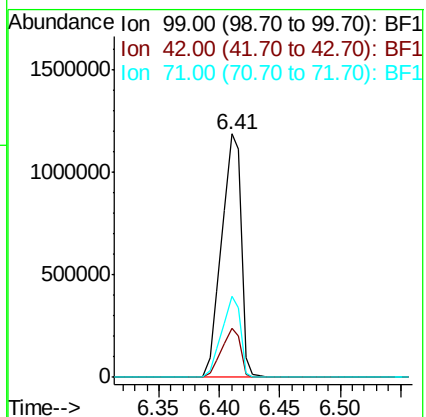
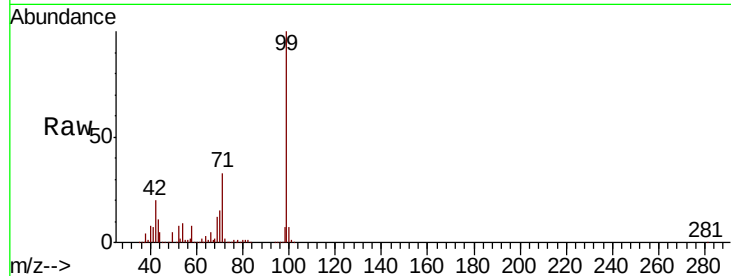
99 100

42 20.1 16.6 24.8

71 33.2 26.4 39.6

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#15

Benzyl Alcohol

Concen: 4.089 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

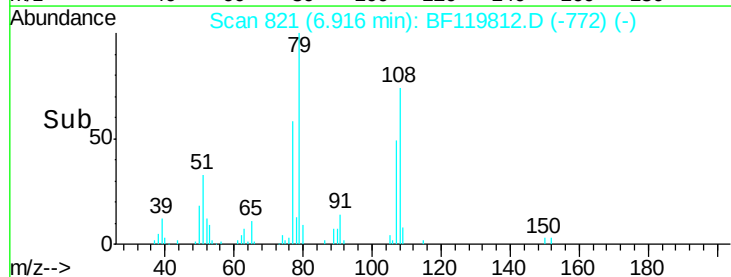
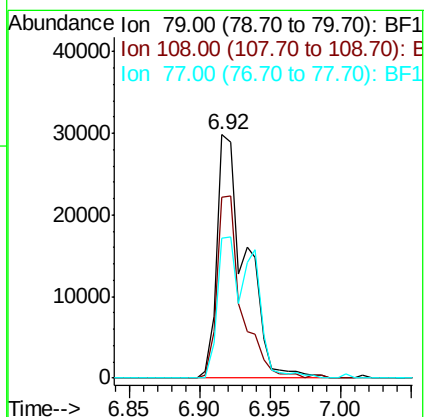
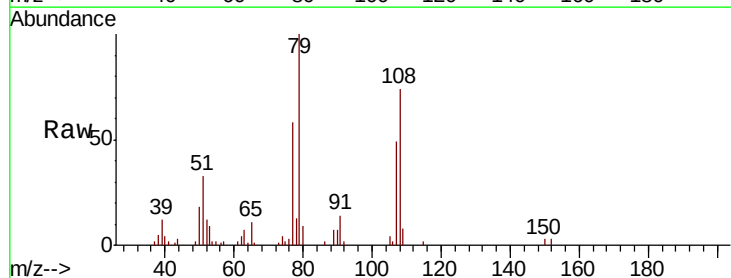
Tgt Ion: 79 Resp: 42628

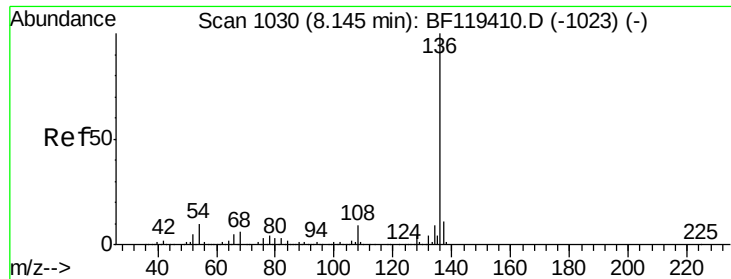
Ion Ratio Lower Upper

79 100

108 74.2 60.6 90.8

77 57.7 50.2 75.2





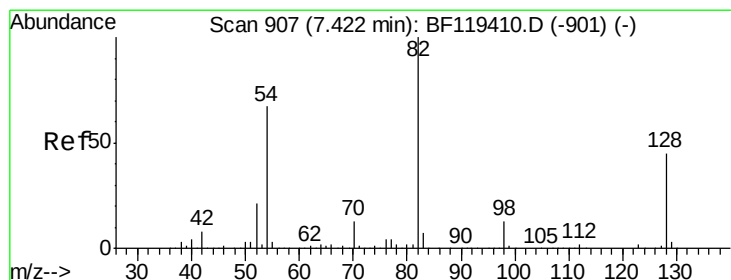
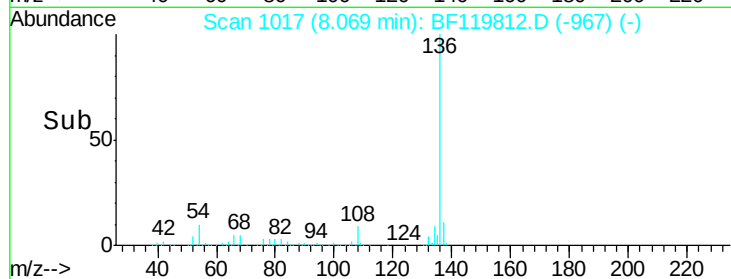
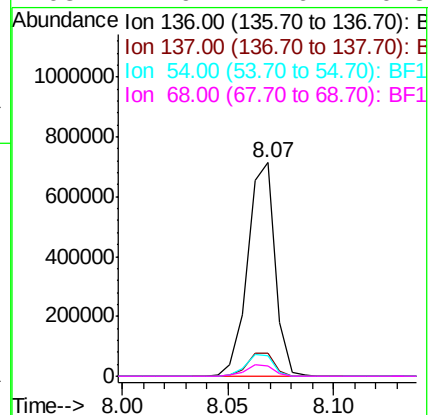
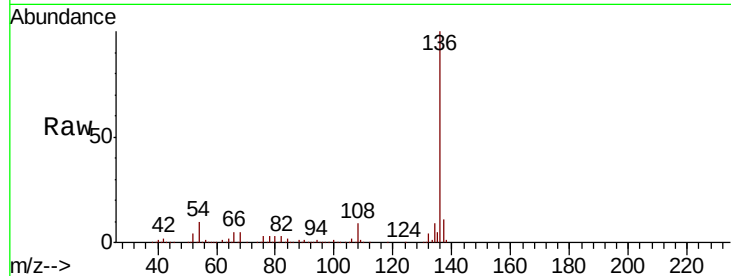
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100	640769		
137	10.9		8.7	13.1
54	9.5		9.1	13.7
68	4.9		4.6	6.8

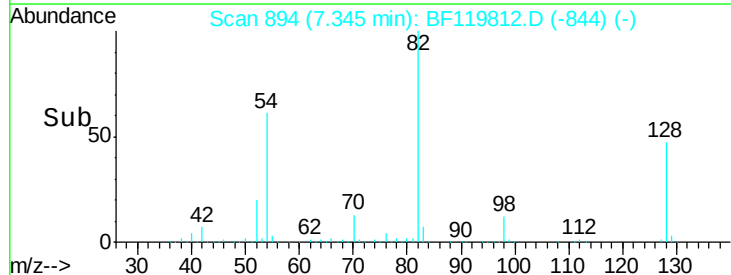
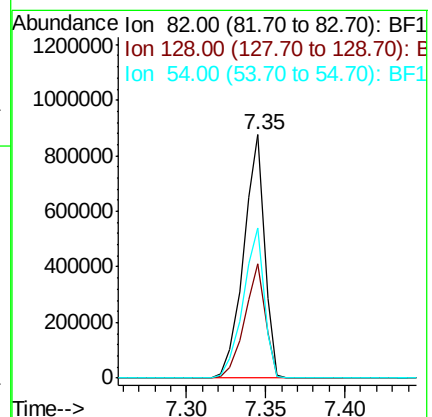
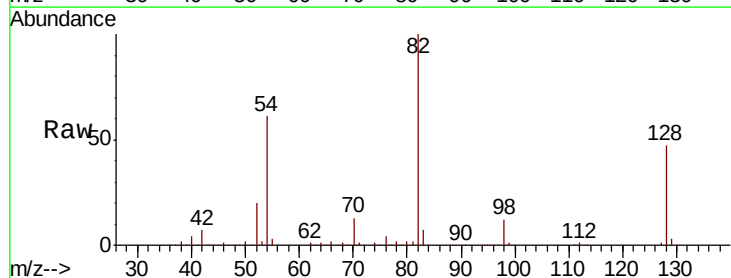
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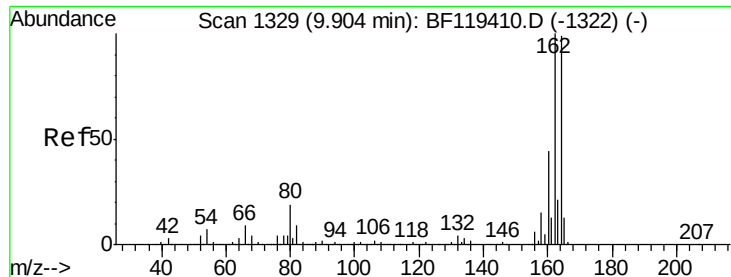
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#23
Nitrobenzene-d5
Concen: 67.691 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	798084		
128	47.1		36.3	54.5
54	61.5		50.6	75.8





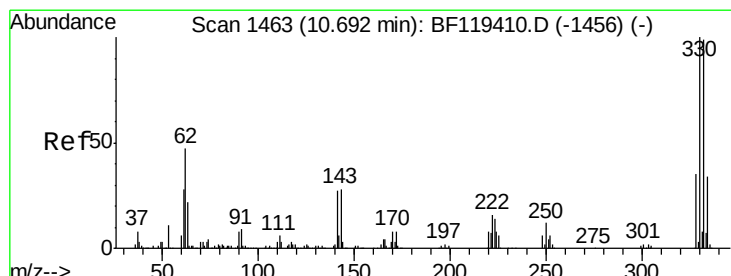
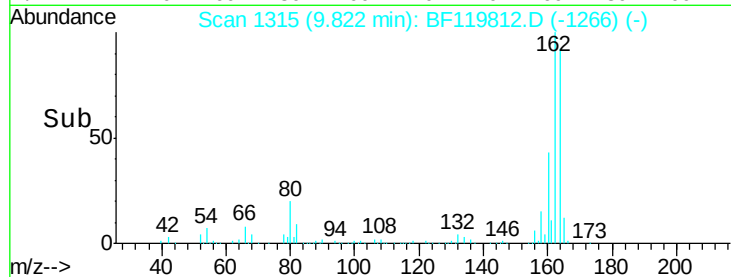
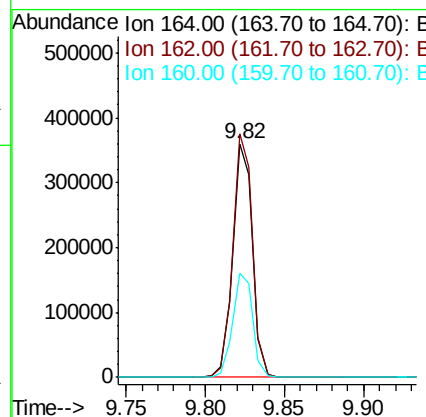
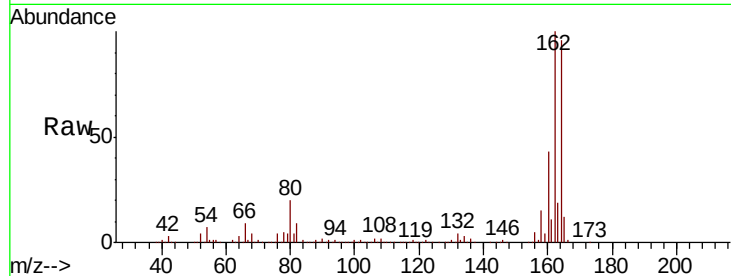
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119812.D
 Acq: 7 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-056-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.0	80.6	121.0	
160	44.2	35.7	53.5	

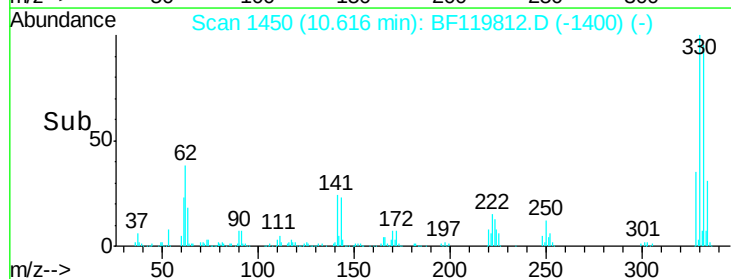
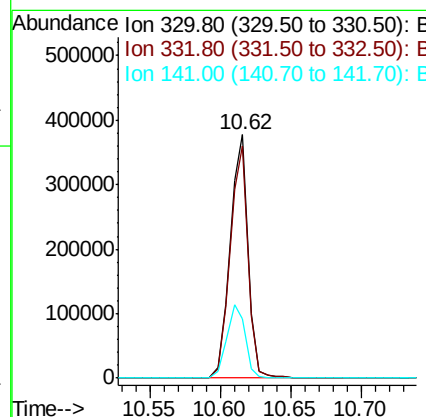
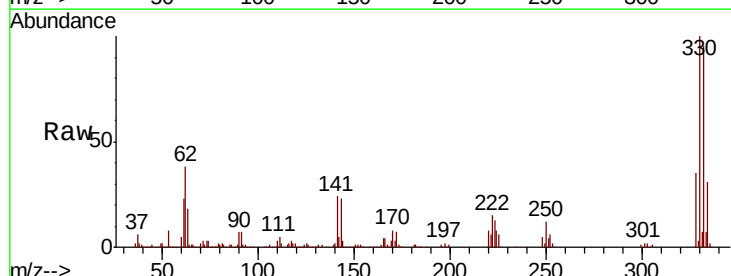
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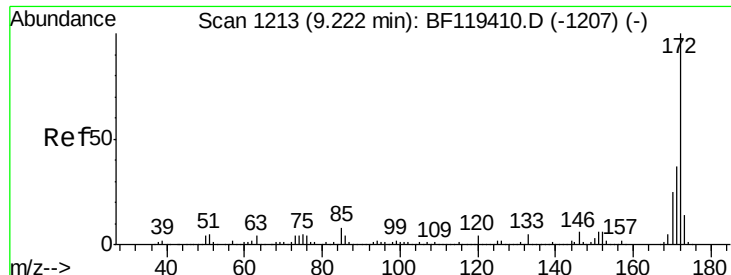
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#42
 2,4,6-Tribromophenol
 Concen: 104.229 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119812.D
 Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	75.7	113.5	
141	31.8	25.4	38.0	





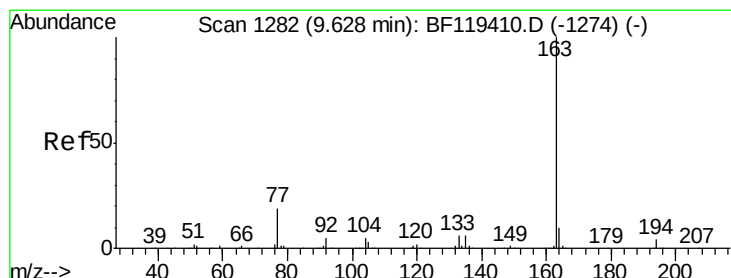
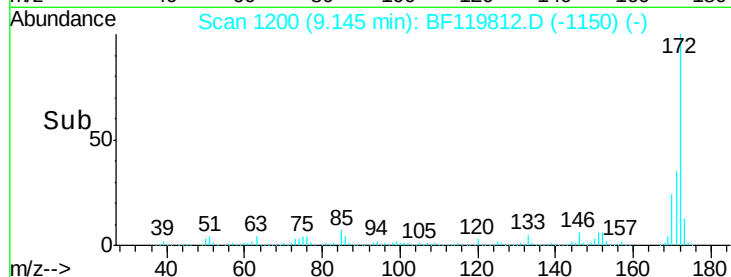
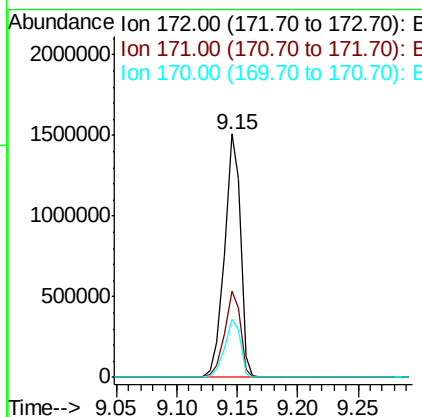
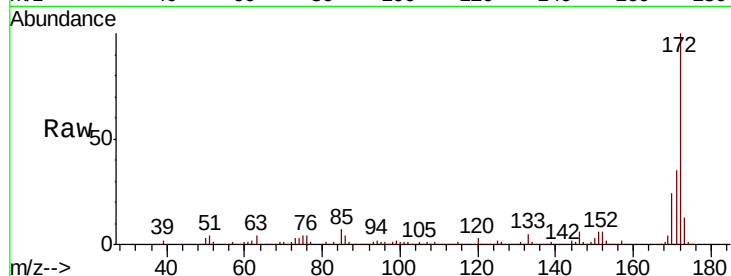
#45
2-Fluorobiphenyl
Concen: 66.430 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.1	20.2	30.2

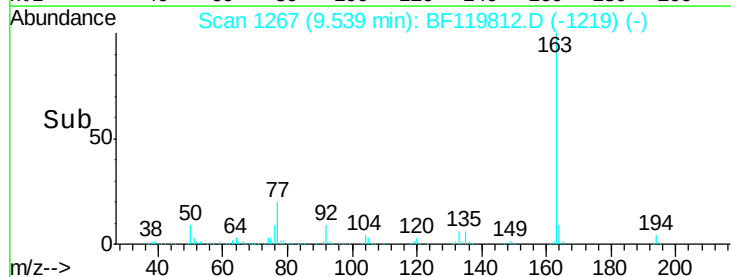
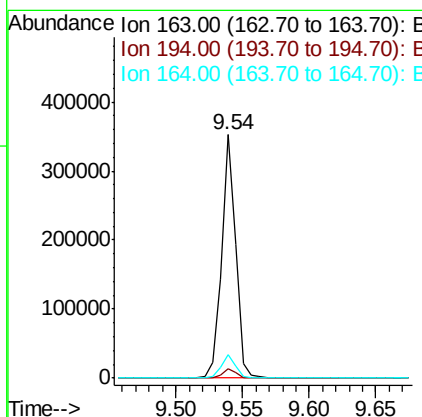
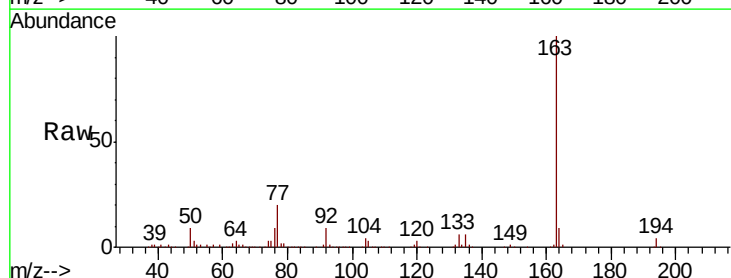
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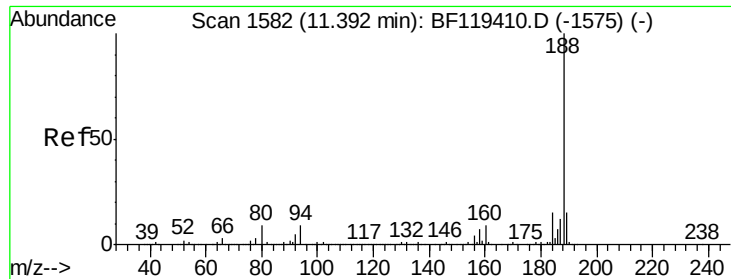
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#50
Dimethylphthalate
Concen: 12.087 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.4	8.2	12.2





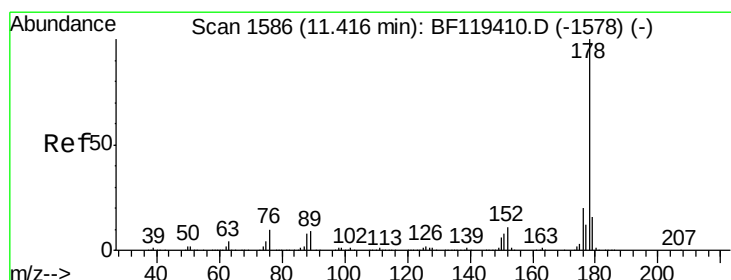
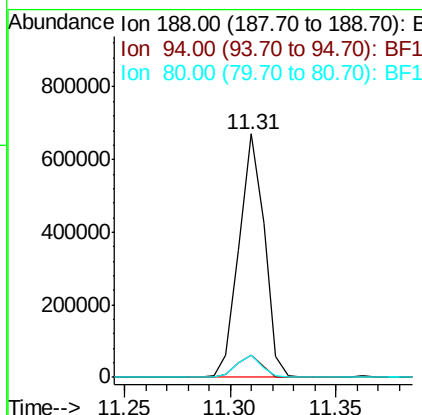
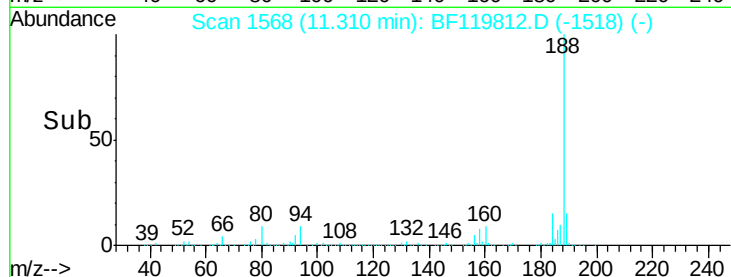
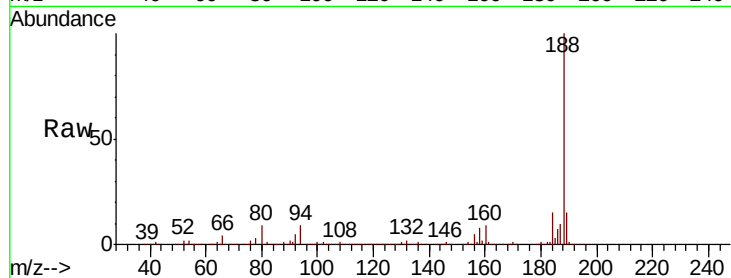
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion:188	Resp: 554347
Ion Ratio	Lower Upper
188 100	
94 9.1	7.5 11.3
80 9.4	9.0 13.4

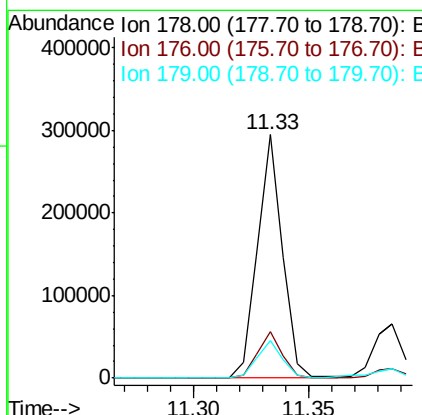
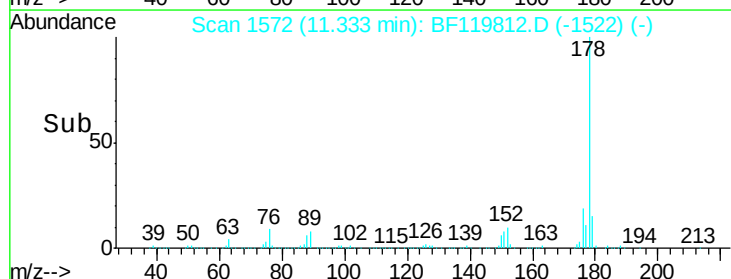
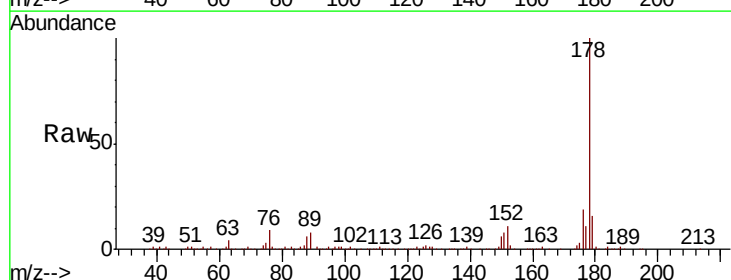
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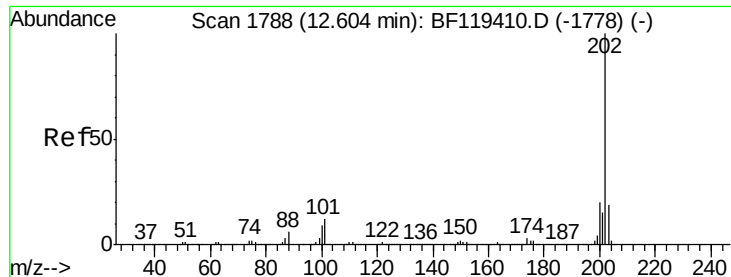
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#71
Phenanthrene
Concen: 7.765 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion:178	Resp: 223189
Ion Ratio	Lower Upper
178 100	
176 19.3	16.2 24.4
179 15.6	13.2 19.8





#75

Fluoranthene

Concen: 13.010 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Instrument :

BNA_F

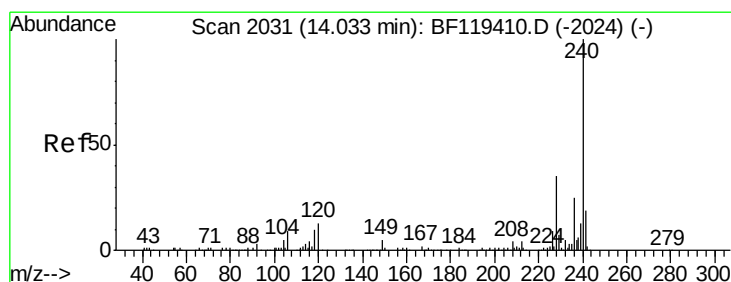
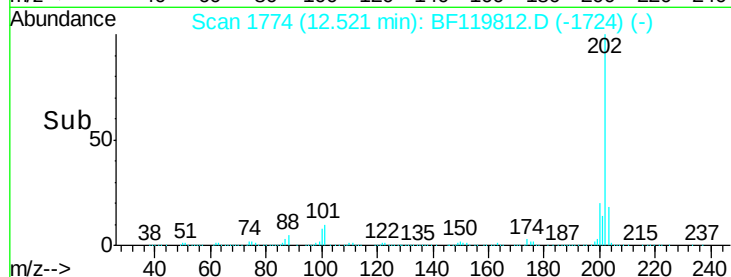
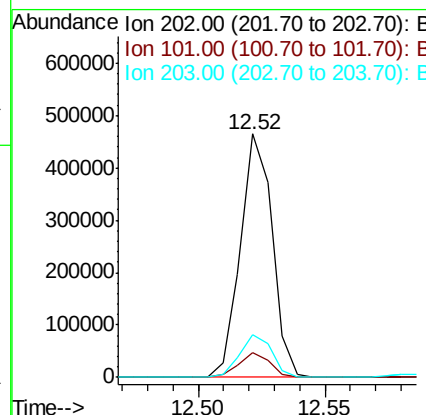
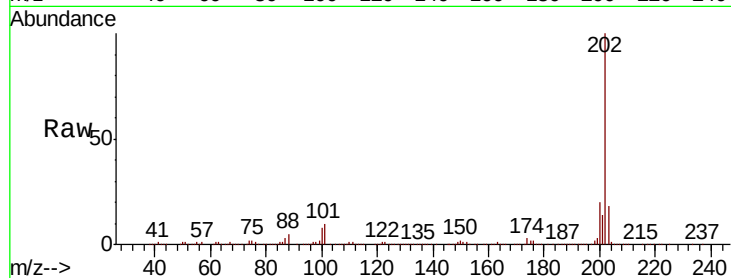
ClientSampleId :

FK-GF-02-056-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		404716		
101	10.1	0.0	32.2		
203	17.7	0.0	38.8		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

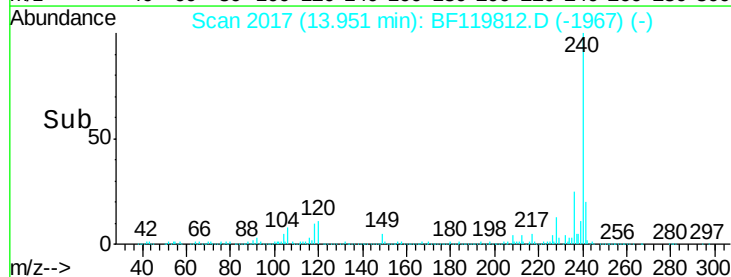
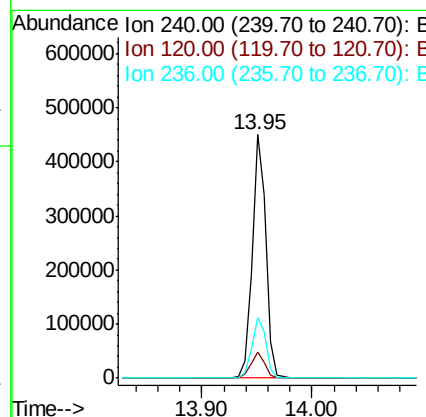
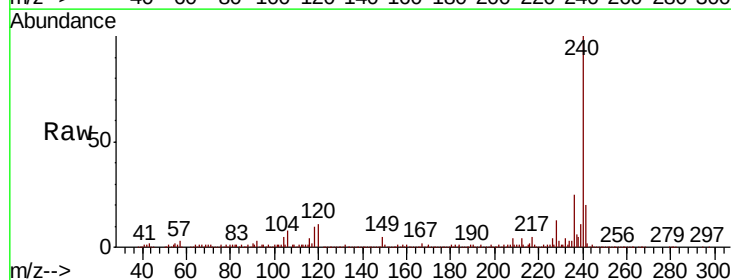
RT: 13.95 min Scan# 2017

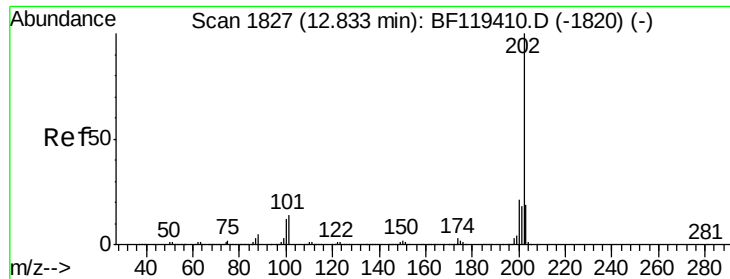
Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		387656		
120	10.7	10.6	15.8		
236	25.1	20.2	30.2		





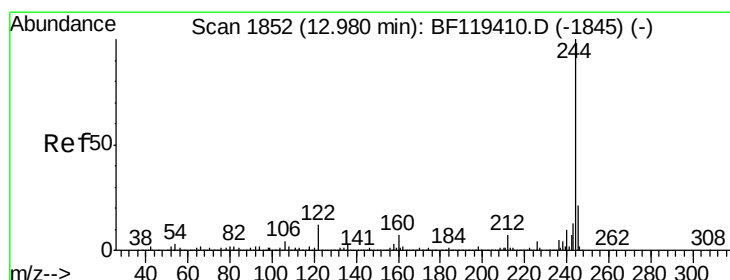
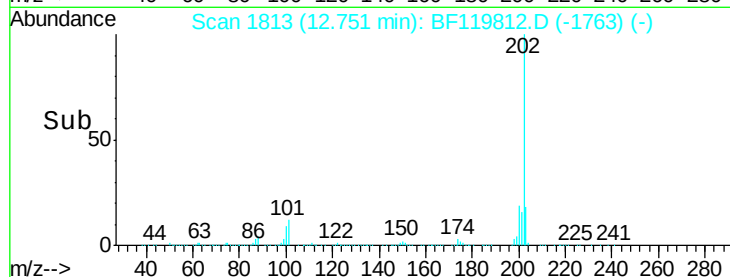
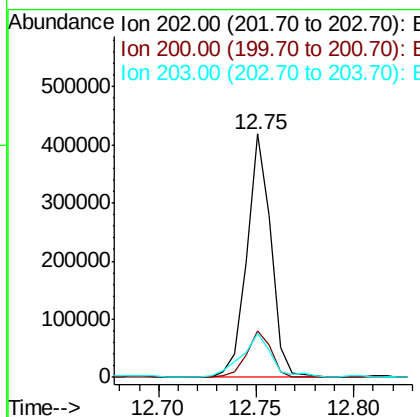
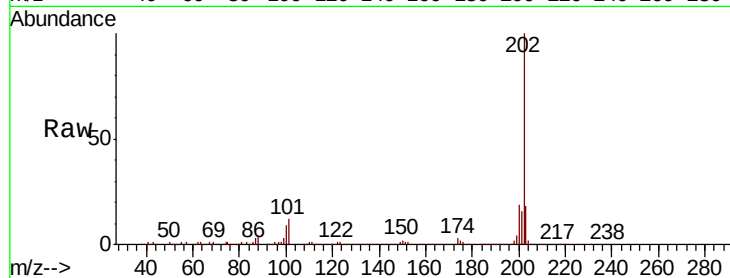
#78
Pvrene
Concen: 11.188 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.1	16.8	25.2
203	17.8	15.1	22.7

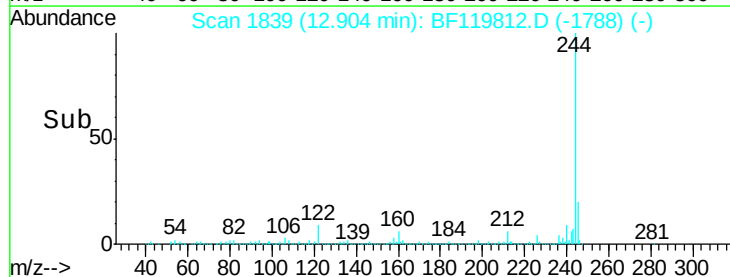
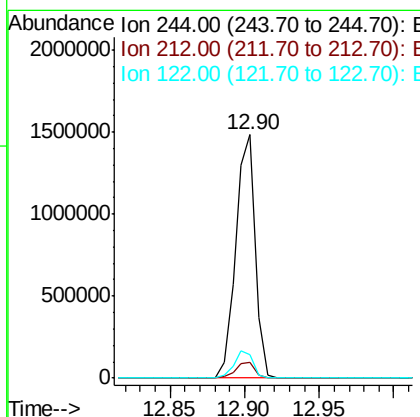
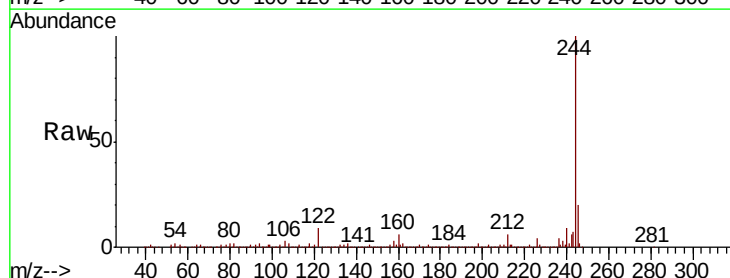
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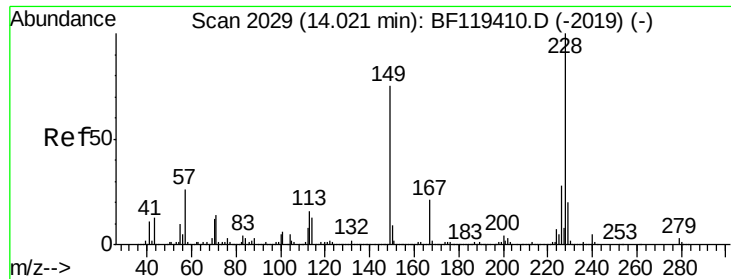
mohammad
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#79
Terphenyl-d14
Concen: 68.719 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	9.5	10.3	15.5





#81

Benzo(a)anthracene

Concen: 6.740 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Instrument :

BNA_F

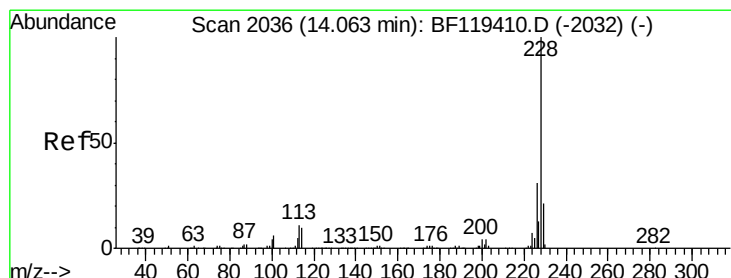
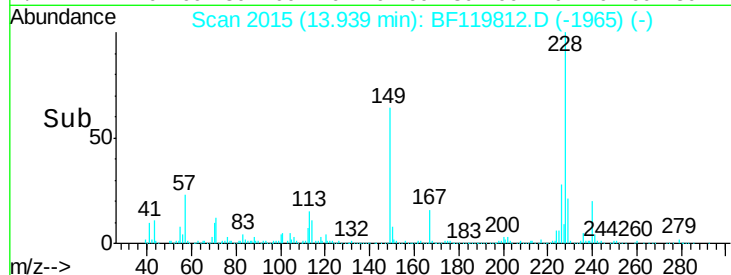
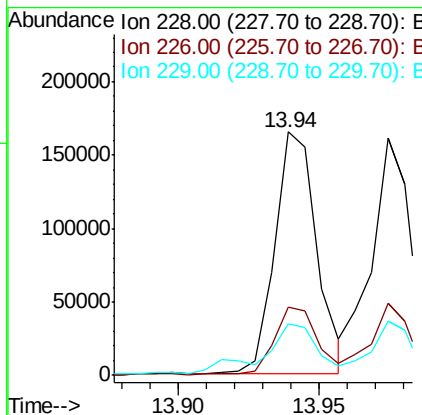
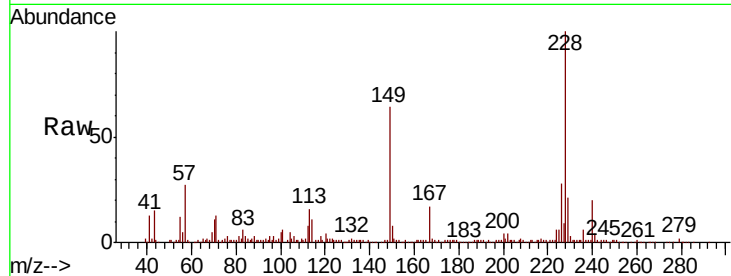
ClientSampleId :

FK-GF-02-056-A

Tot Ion:	228	Resp:	169903
Ion Ratio		Lower	Upper
228	100		
226	28.2	21.8	32.8
229	21.3	16.2	24.4

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#83

Chrysene

Concen: 6.011 ng

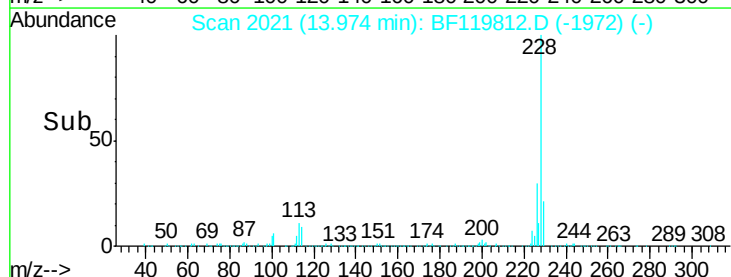
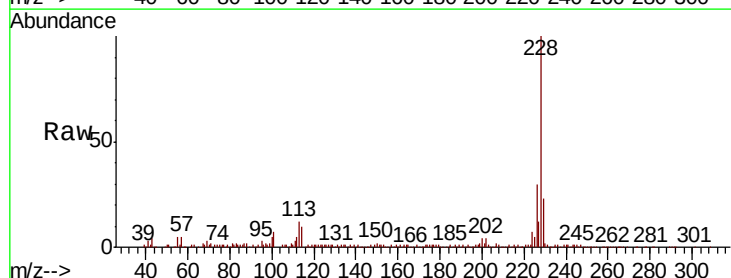
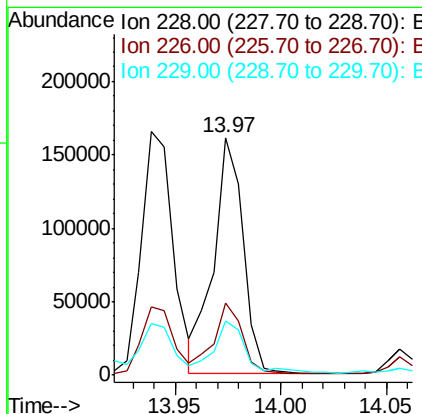
RT: 13.97 min Scan# 2021

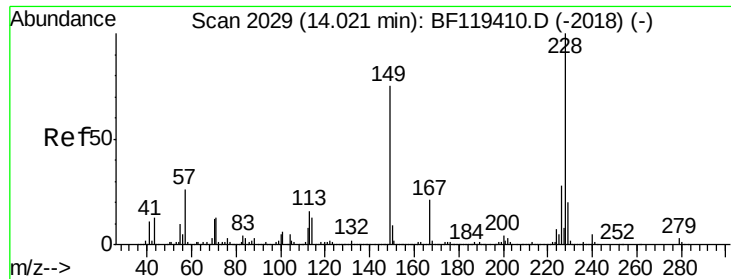
Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Tgt Ion:	228	Resp:	156384
Ion Ratio		Lower	Upper
228	100		
226	30.3	25.4	38.0
229	22.6	16.6	24.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.040 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Instrument :

BNA_F

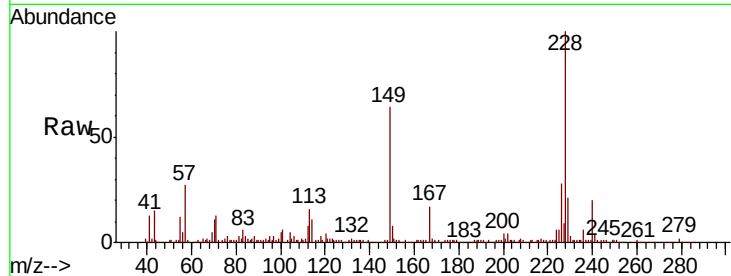
ClientSampleId :

FK-GF-02-056-A

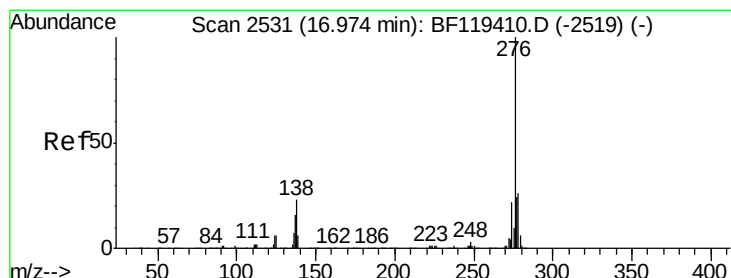
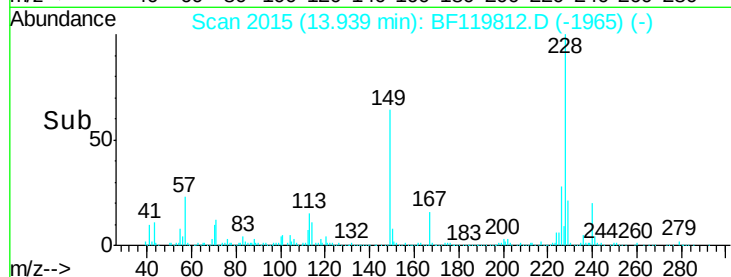
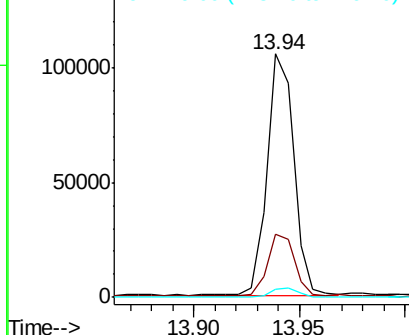
Tot Ion:	149	Resp:	92649
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.3	31.9
279	3.3	2.7	4.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 3.424 ng

RT: 16.82 min Scan# 2505

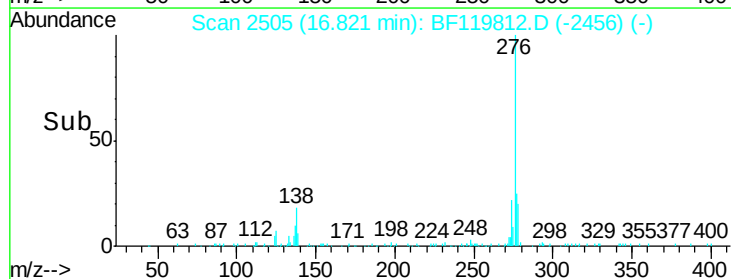
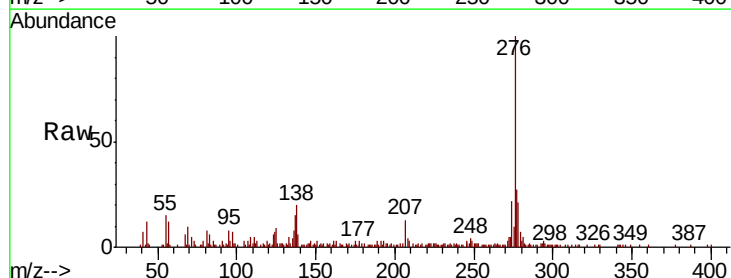
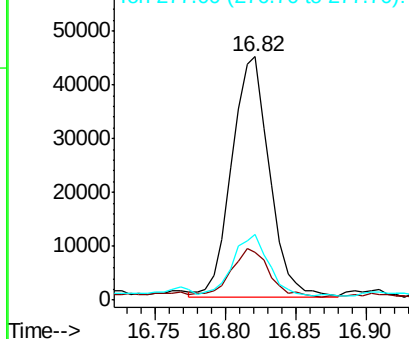
Delta R.T. -0.01 min

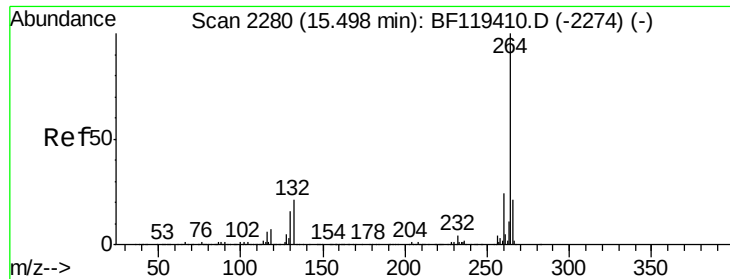
Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Tgt Ion:	276	Resp:	83889
Ion Ratio	Lower	Upper	
276	100		
138	19.6	19.6	29.4
277	23.8	20.0	30.0

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





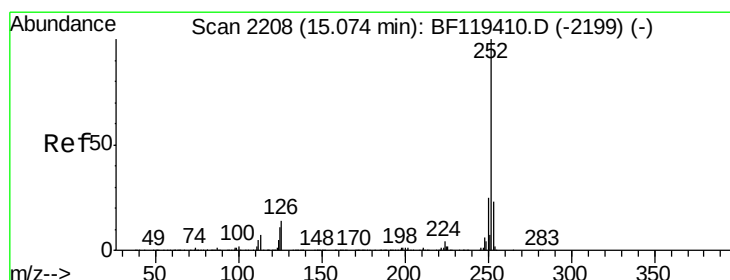
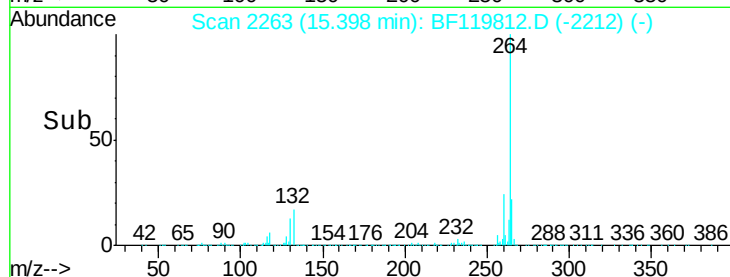
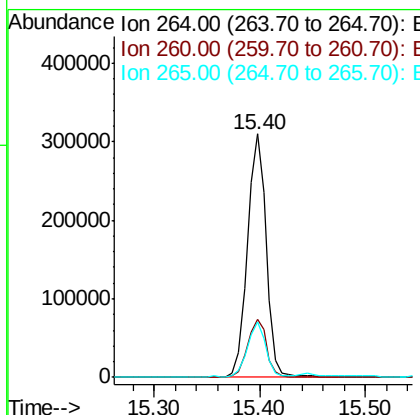
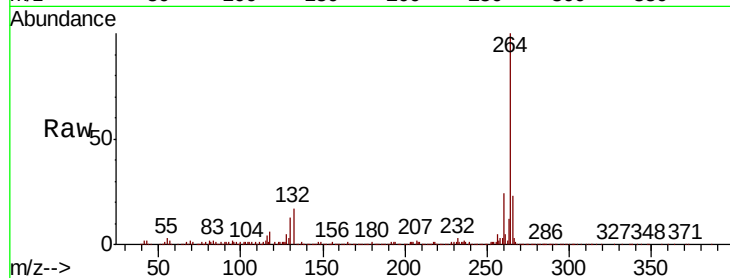
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-056-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.5	17.7	26.5

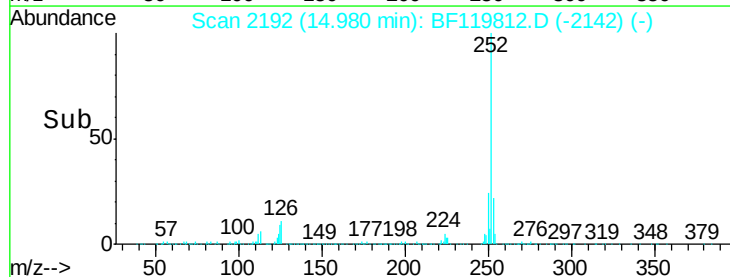
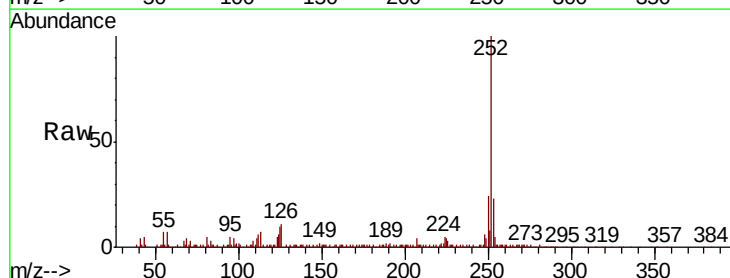
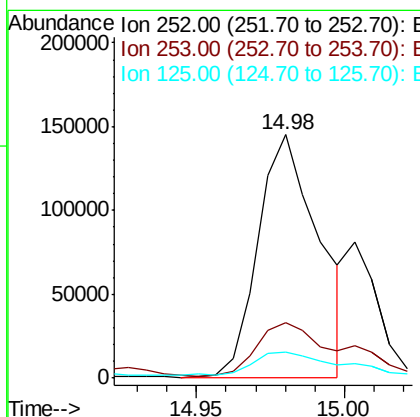
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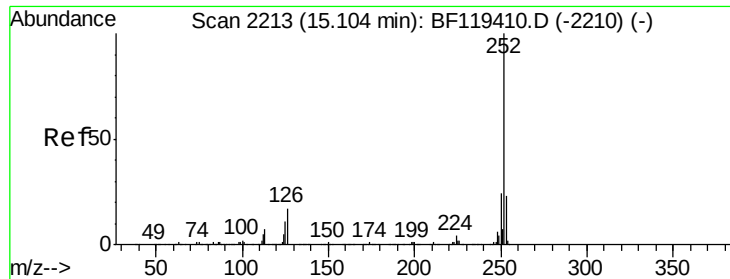
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#88
Benzo(b)fluoranthene
Concen: 8.177 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF119812.D
Acq: 7 Apr 2020 10:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 2.491 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Instrument :

BNA_F

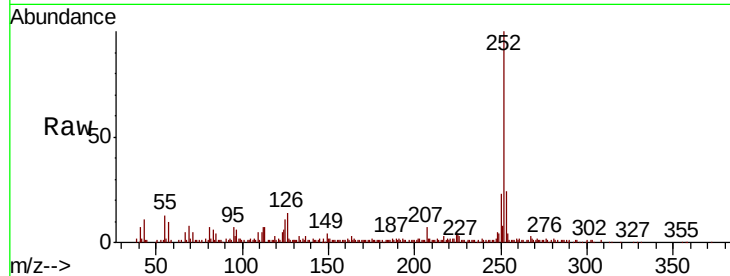
ClientSampleId :

FK-GF-02-056-A

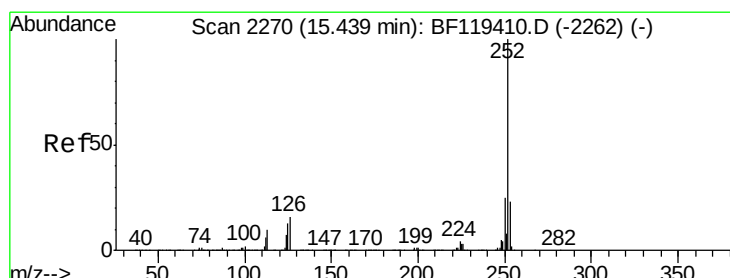
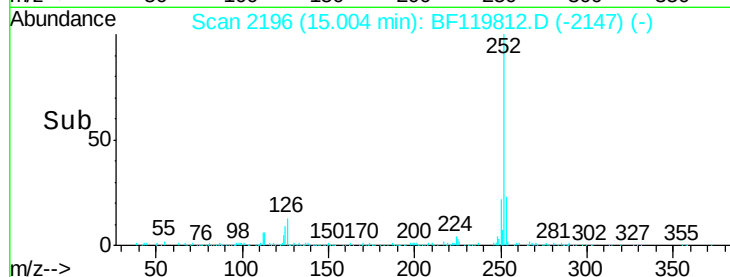
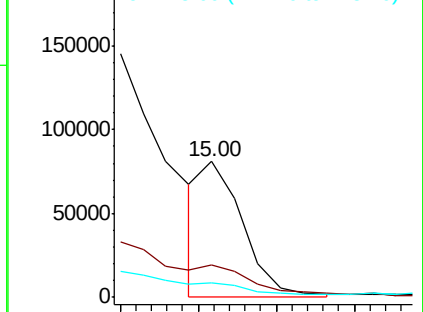
Tot Ion:	252	Resp:	60390
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	11.1	8.4	12.6

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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



#90

Benzo(a)pyrene

Concen: 5.926 ng

RT: 15.33 min Scan# 2252

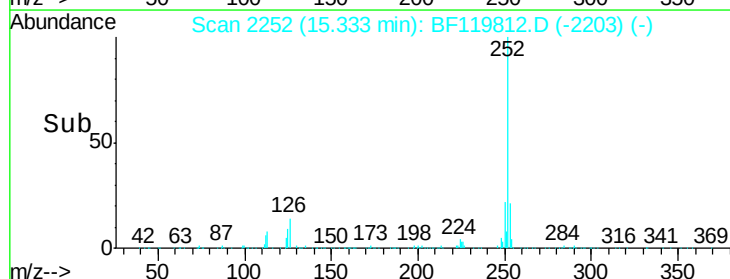
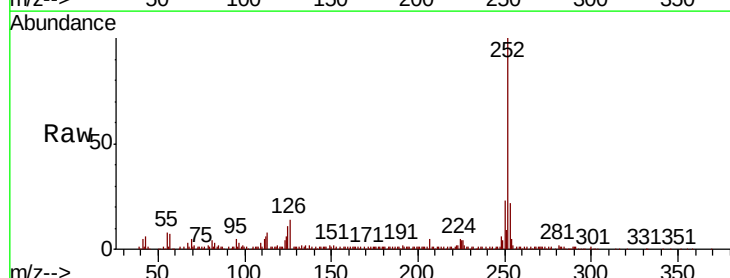
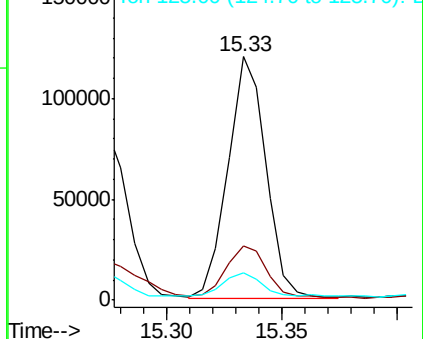
Delta R.T. -0.01 min

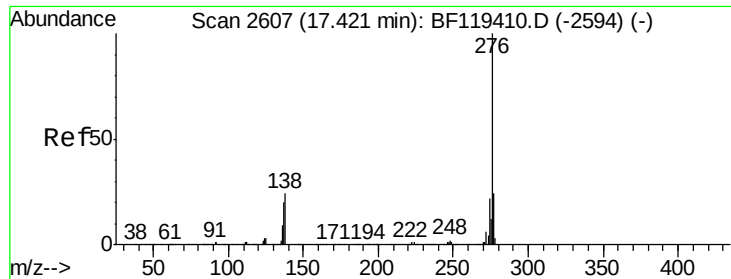
Lab File: BF119812.D

Acq: 7 Apr 2020 10:48

Tgt Ion:	252	Resp:	137138
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	11.1	9.4	14.2

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





#92
 Benzo(a,h,i)perylene
 Concen: 3.884 ng
 RT: 17.24 min Scan# 2577
 Delta R.T. -0.02 min
 Lab File: BF119812.D
 Acq: 7 Apr 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-056-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.4	27.6
138	23.5	15.4	23.0

Manual Integrations
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