

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121217.D
 Acq On : 6 Aug 2020 22:44
 Operator : JU/CG
 Sample : L3574-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-060-A

Manual Integrations
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Quant Time: Aug 07 04:01:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140232	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	542776	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	271032	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	492058	20.00	ng	0.00
76) Chrysene-d12	13.96	240	357227	20.00	ng	0.00
86) Perylene-d12	15.42	264	364806	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	328433	38.39	ng	-0.01
7) Phenol-d6	6.43	99	404612	36.62	ng	-0.02
23) Nitrobenzene-d5	7.35	82	254542	27.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	111791	37.68	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	521737	28.74	ng	-0.01
79) Terphenyl-d14	12.90	244	438941	26.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	76203	3.897	ng	Qvalue # 98
71) Phenanthrene	11.34	178	61662	2.437	ng	99
75) Fluoranthene	12.53	202	182521	6.507	ng	99
78) Pyrene	12.76	202	196645	7.786	ng	99
81) Benzo(a)anthracene	13.95	228	107362	4.963	ng	95
83) Chrysene	13.99	228	102939m	4.528	ng	
88) Benzo(b)fluoranthene	14.99	252	133885m	6.072	ng	
89) Benzo(k)fluoranthene	15.02	252	45633m	2.269	ng	
90) Benzo(a)pyrene	15.35	252	101573	5.049	ng	95
92) Benzo(g,h,i)perylene	17.28	276	49774	2.436	ng	# 92

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

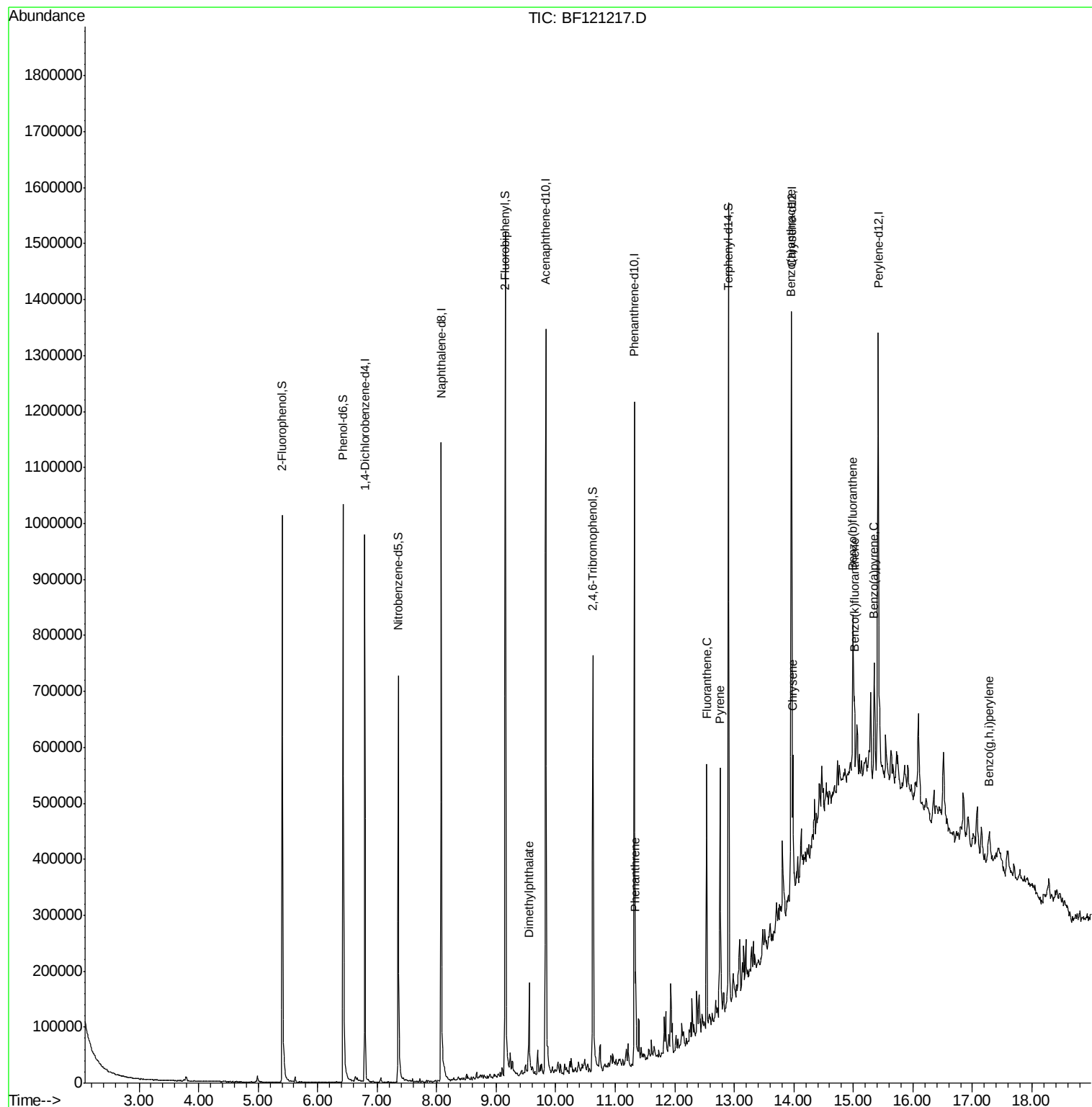
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121217.D
Acq On : 6 Aug 2020 22:44
Operator : JU/CG
Sample : L3574-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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#1

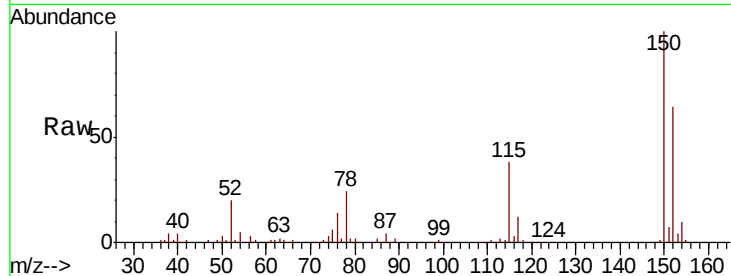
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.6	188.4
115	58.6	46.2	69.2

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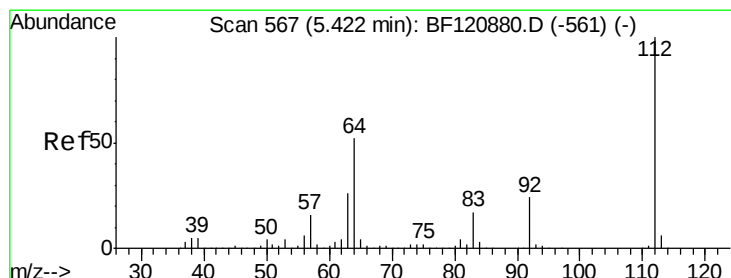
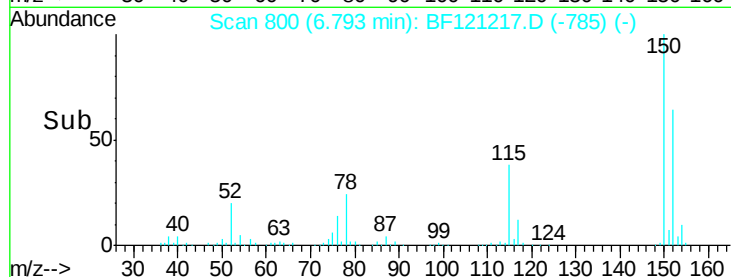
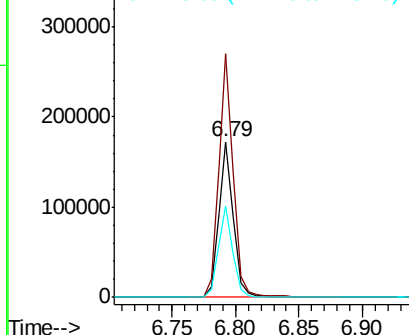


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

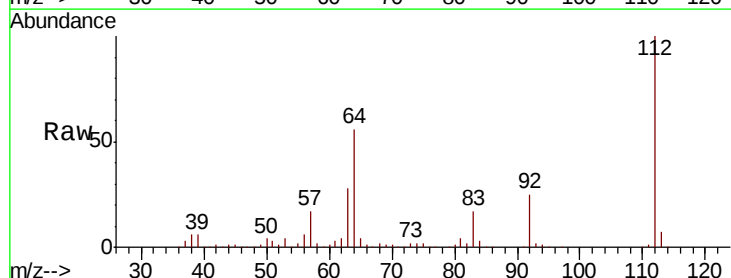
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 38.395 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.9	65.9
63	28.3	22.7	34.1

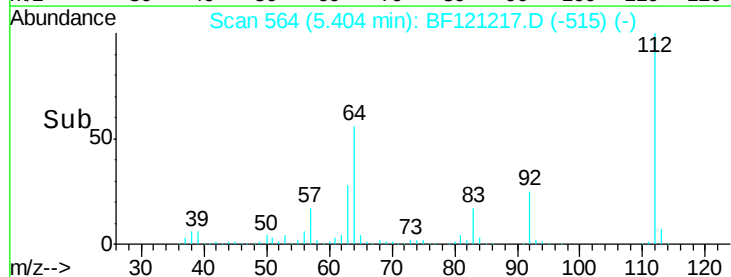
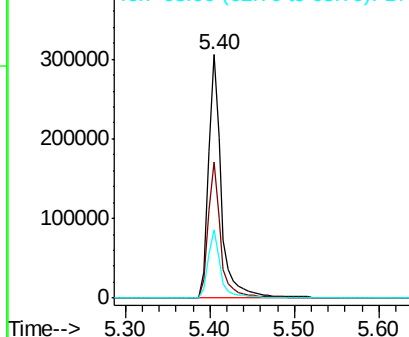


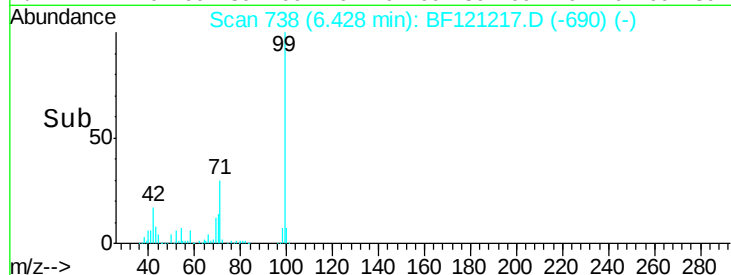
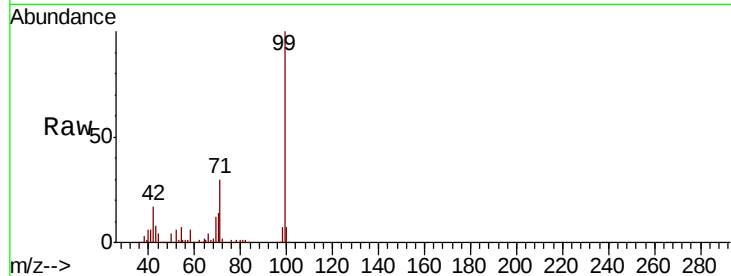
Abundance

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: 36.617 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Tot Ion:	99	Resp:	404612
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	30.3	25.0	37.4

Instrument :

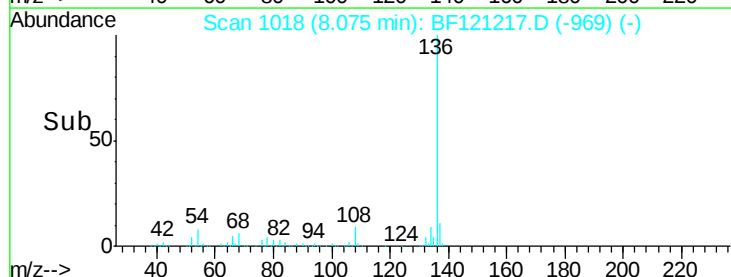
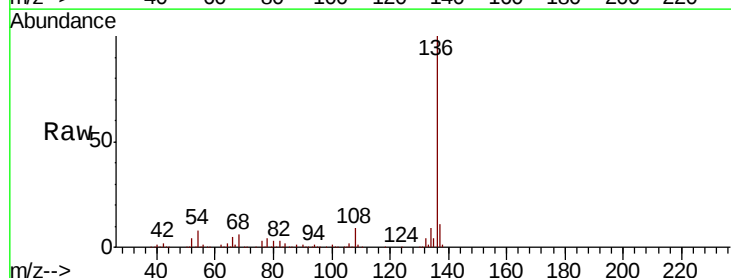
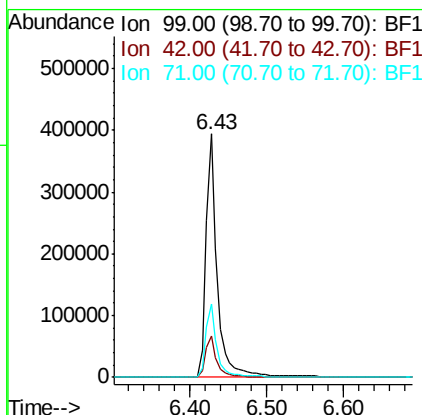
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#21

Naphthalene-d8

Concen: 20.000 ng

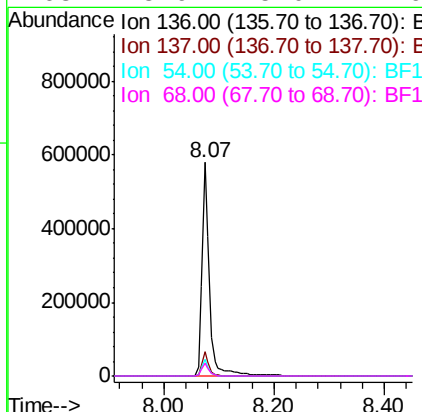
RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Tgt Ion:	136	Resp:	542776
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.6	6.1	9.1
68	5.9	5.0	7.6





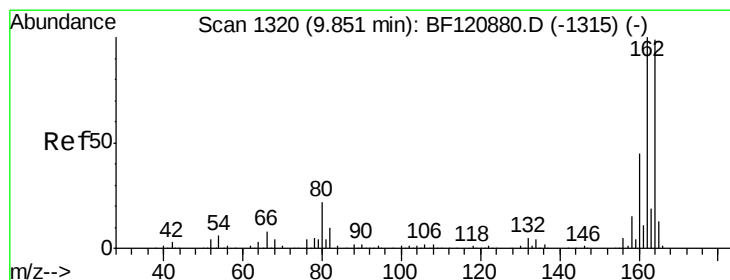
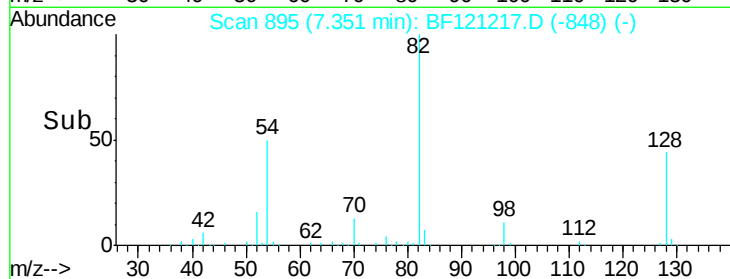
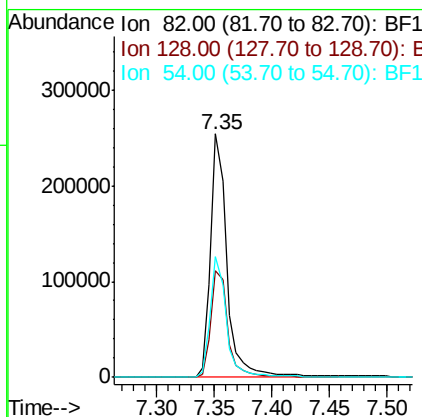
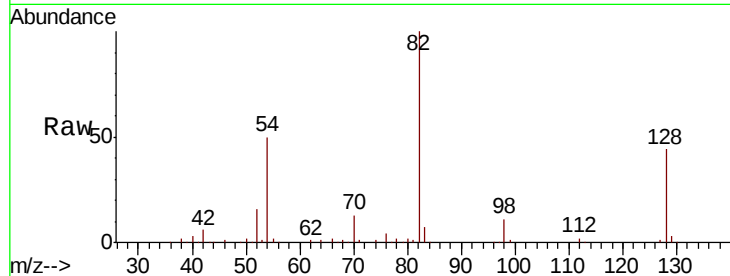
#23
 Nitrobenzene-d5
 Concen: 27.136 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	39.2	58.8
54	49.6	37.8	56.8

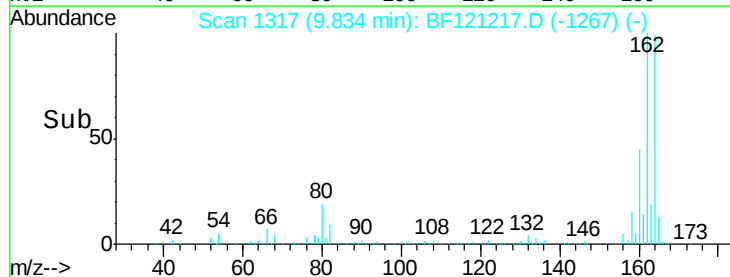
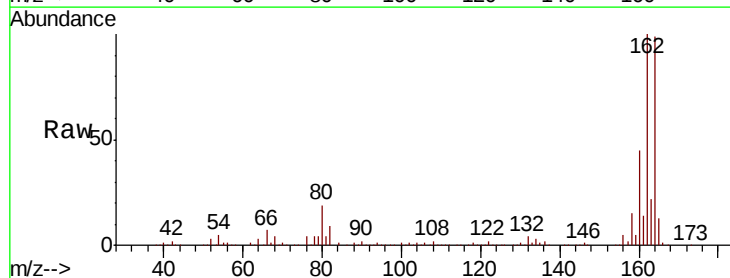
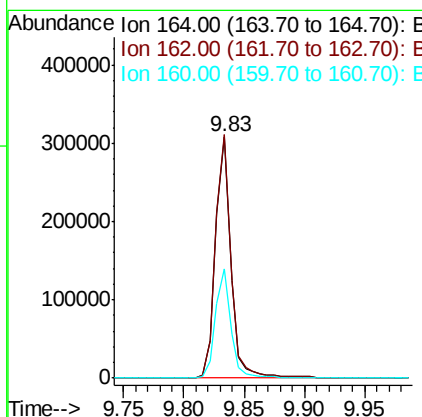
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.3	37.2	55.8





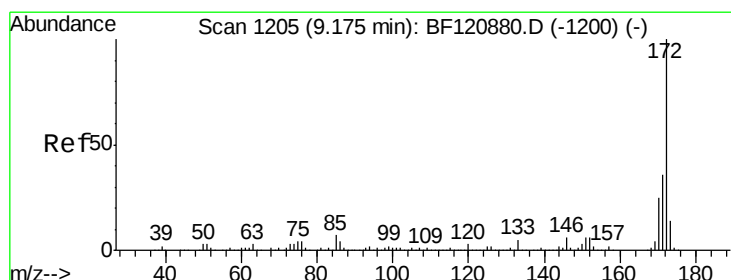
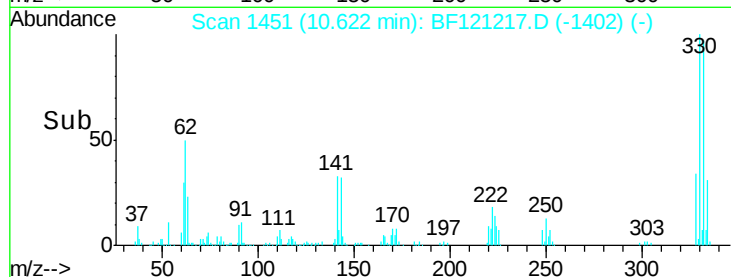
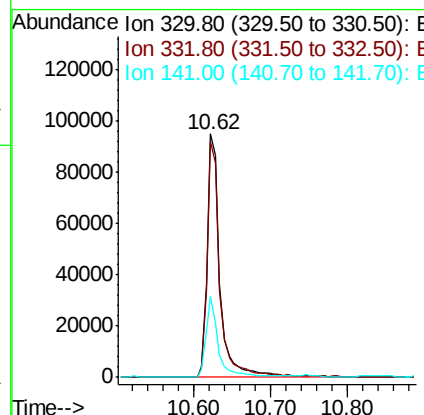
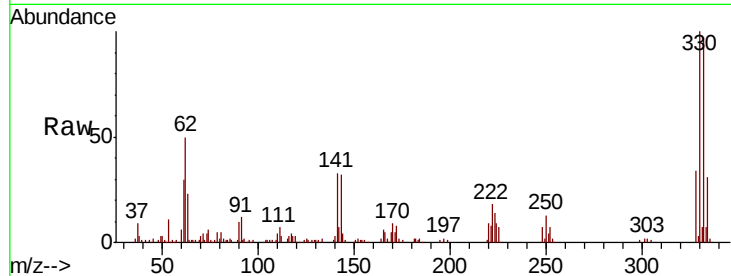
#42
 2,4,6-Tribromophenol
 Concen: 37.682 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	32.7	24.1	36.1

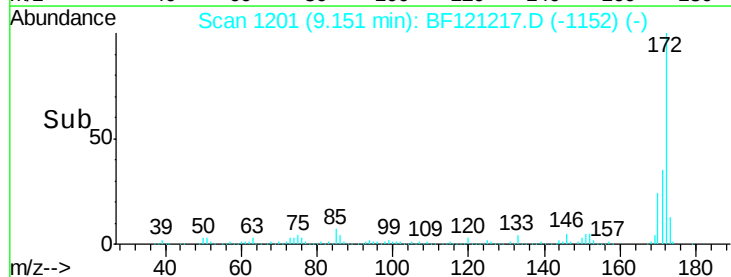
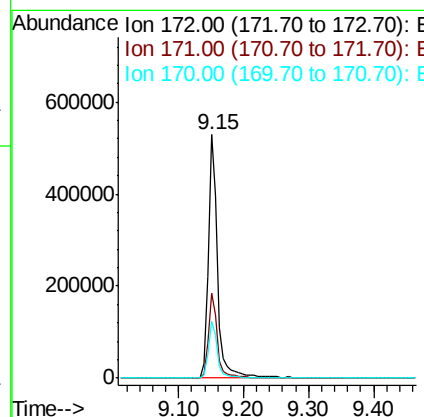
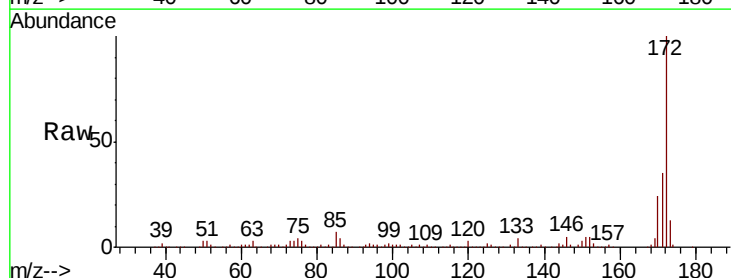
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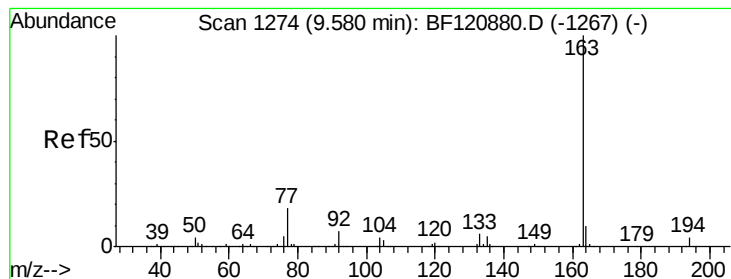
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#45
 2-Fluorobiphenyl
 Concen: 28.741 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	23.5	19.6	29.4





#50

Dimethylphthalate

Concen: 3.897 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Instrument :

BNA_F

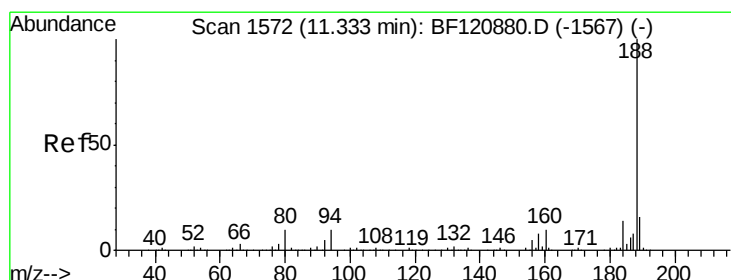
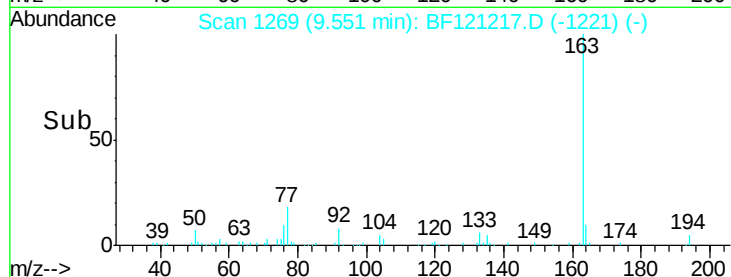
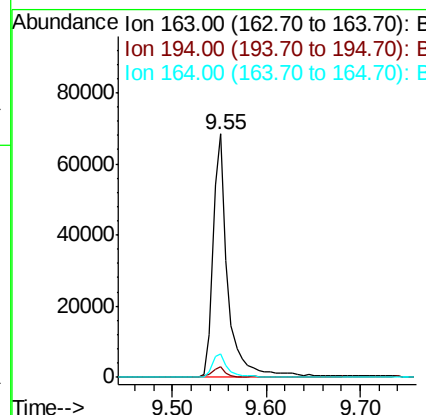
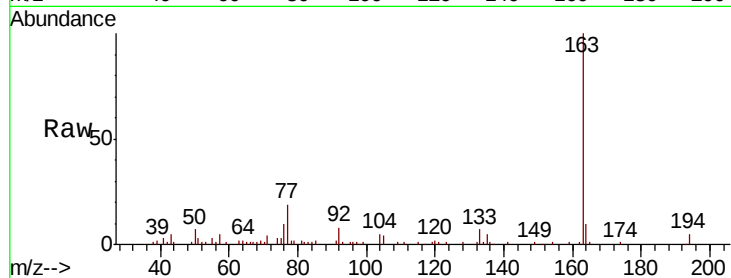
ClientSampleId :

FK-GF-02-060-A

Tot Ion:	163	Resp:	76203
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.0	4.4#
164	9.9	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

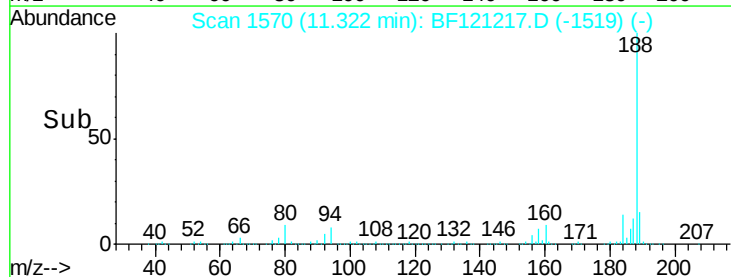
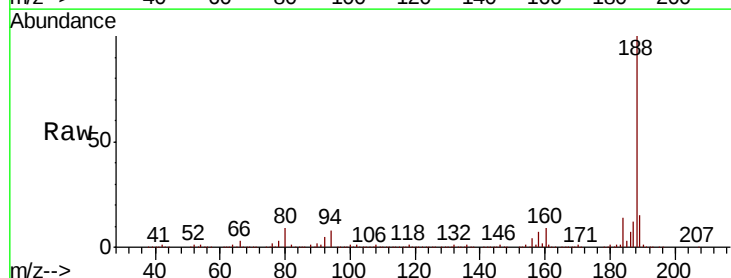
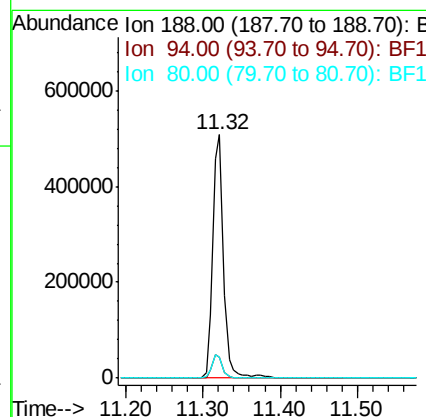
RT: 11.32 min Scan# 1570

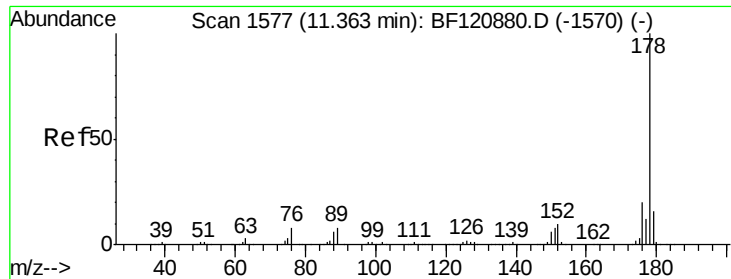
Delta R.T. 0.00 min

Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Tgt Ion:	188	Resp:	492058
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.0	12.0
80	8.7	8.3	12.5





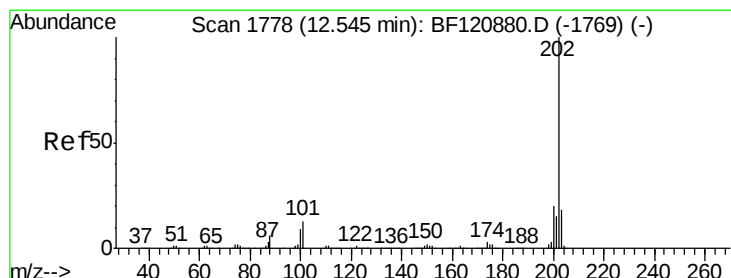
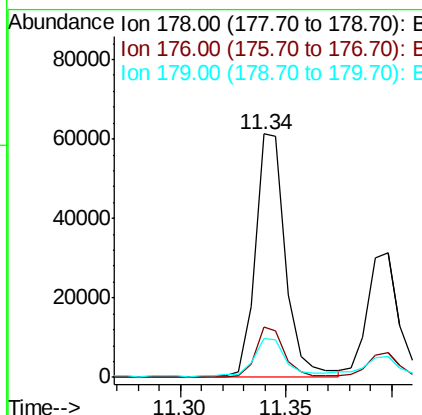
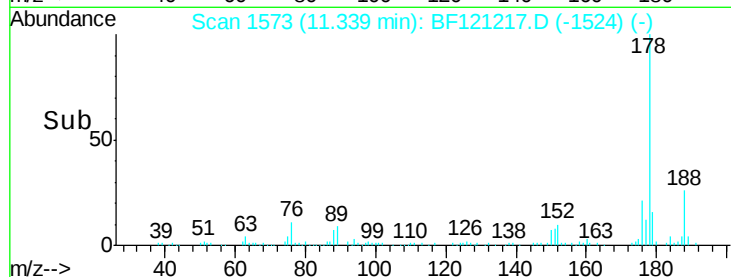
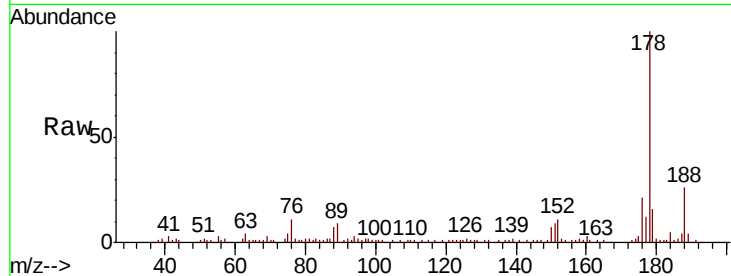
#71
Phenanthrene
Concen: 2.437 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.2	24.2
179	16.1	12.6	19.0

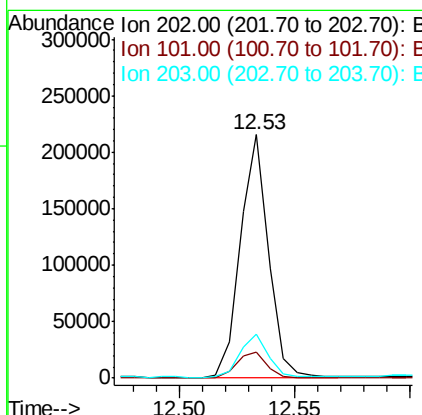
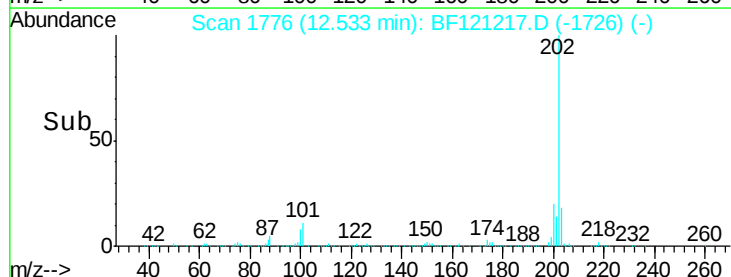
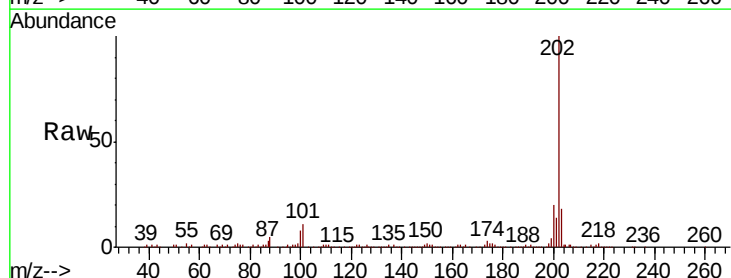
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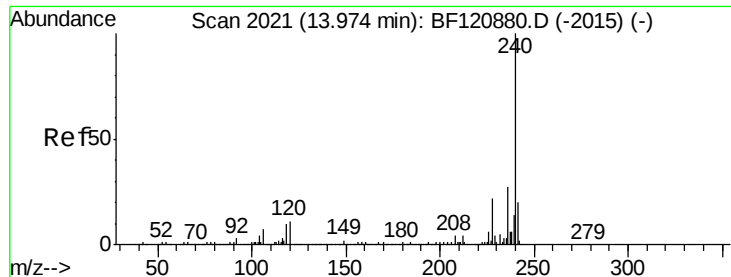
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#75
Fluoranthene
Concen: 6.507 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.5
203	17.9	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Instrument :

BNA_F

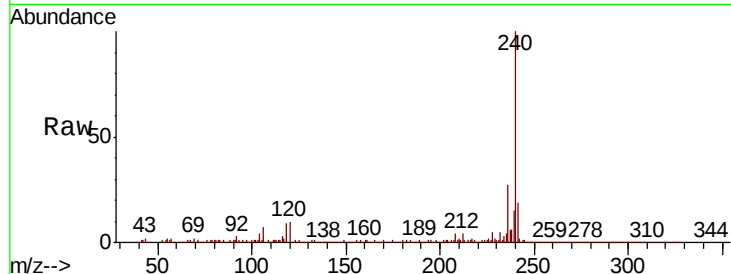
ClientSampleId :

FK-GF-02-060-A

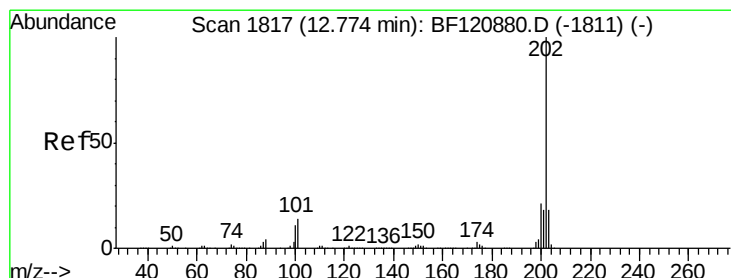
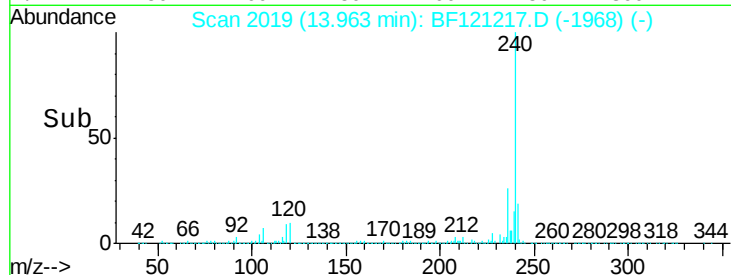
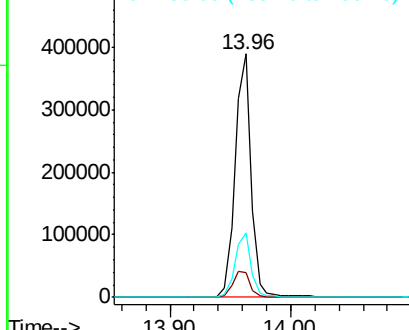
Tot Ion:	240	Resp:	357227
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.3	13.9
236	26.6	21.1	31.7

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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: 7.786 ng

RT: 12.76 min Scan# 1815

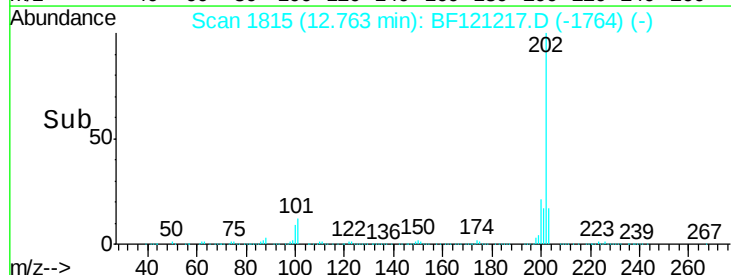
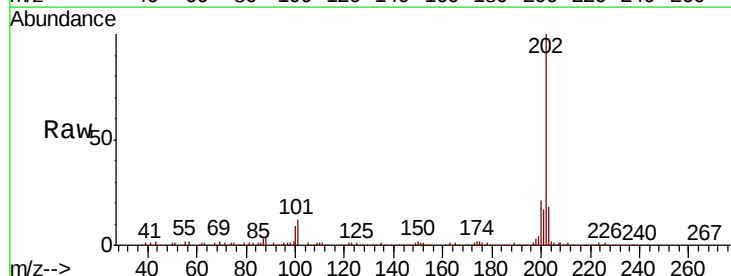
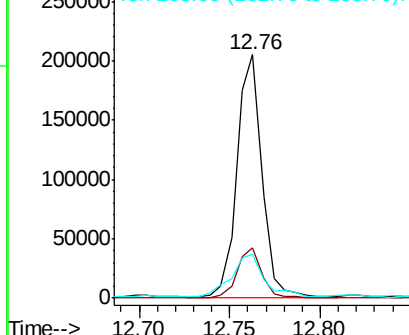
Delta R.T. 0.00 min

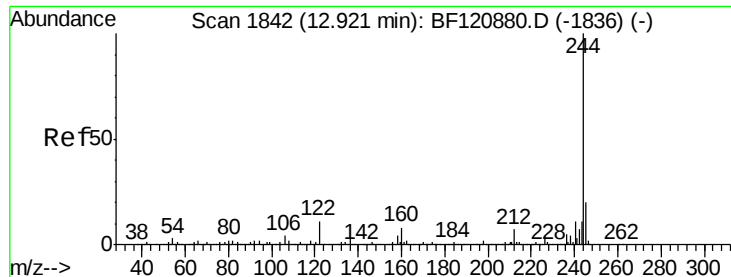
Lab File: BF121217.D

Acq: 6 Aug 2020 22:44

Tgt Ion:	202	Resp:	196645
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.0	25.6
203	18.1	14.6	21.8

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





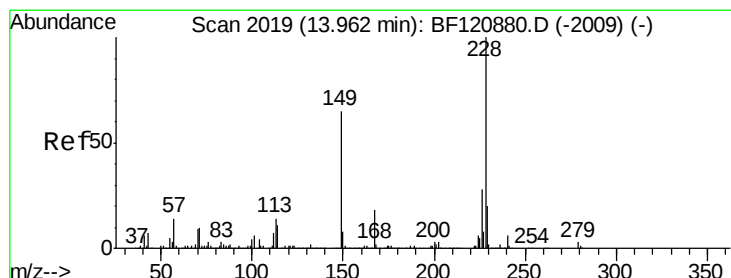
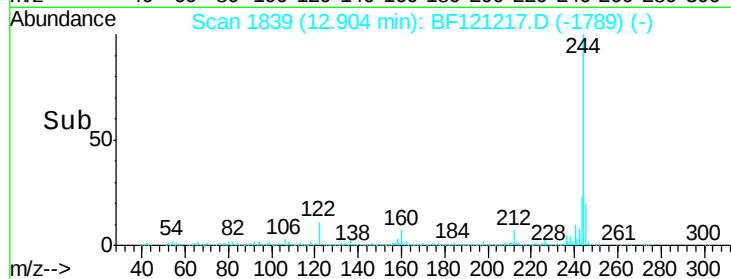
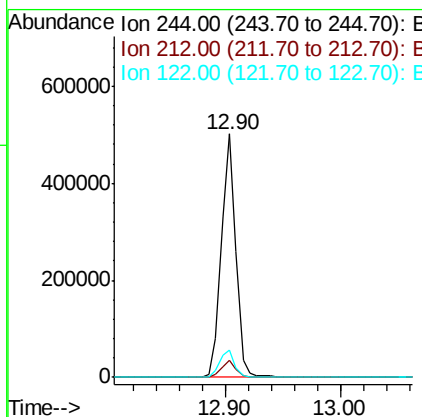
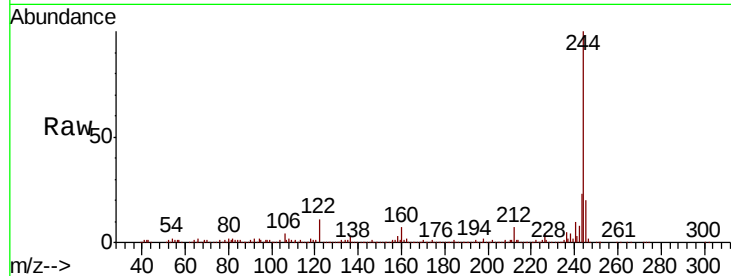
#79
 Terphenyl-d14
 Concen: 26.710 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.4	8.3	12.5

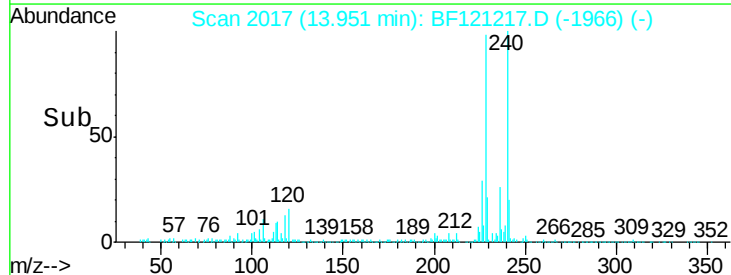
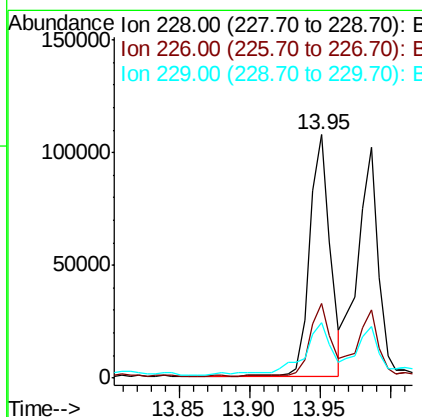
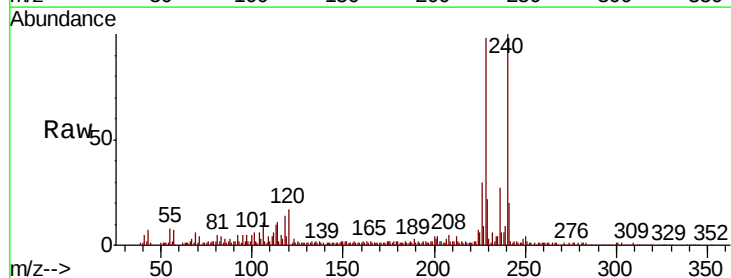
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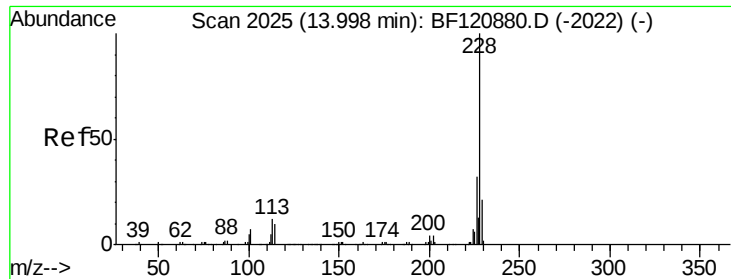
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#81
 Benzo(a)anthracene
 Concen: 4.963 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121217.D
 Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	34.0
229	22.6	16.1	24.1





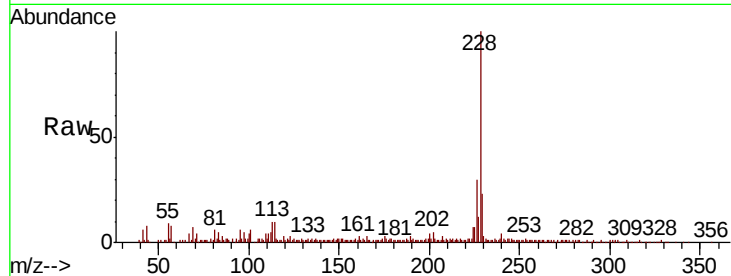
#83
Chrysene
Concen: 4.528 ng/ml
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-060-A

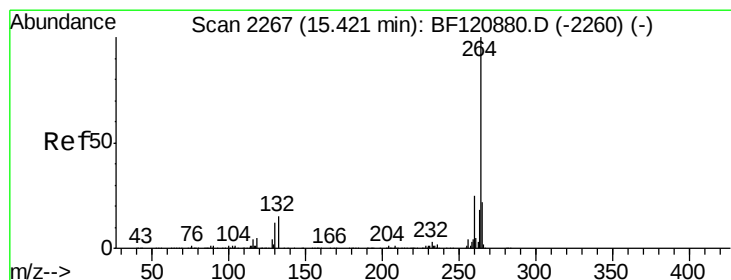
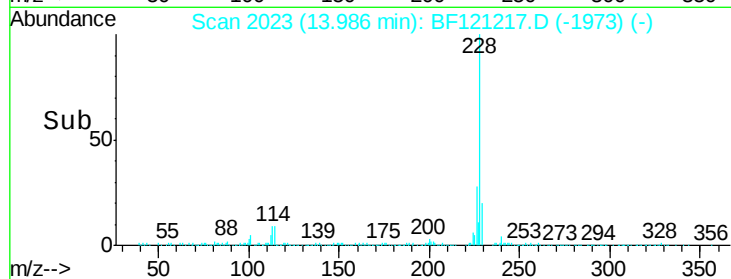
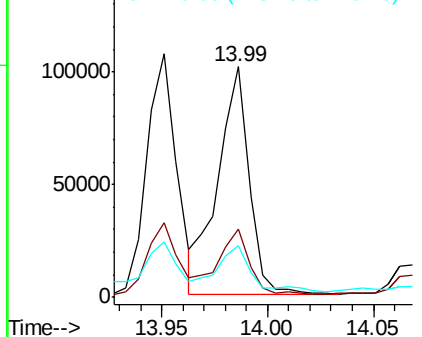
Tot Ion:	228	Resp:	102939
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.4	38.0
229	22.6	16.2	24.4

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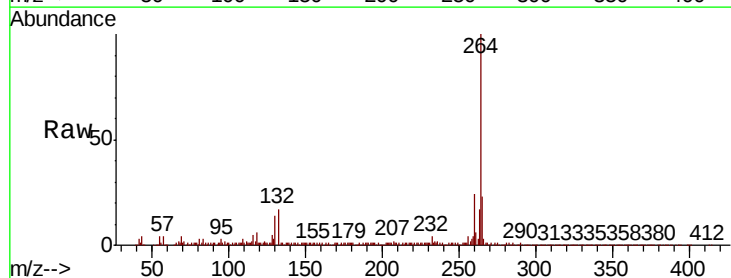


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

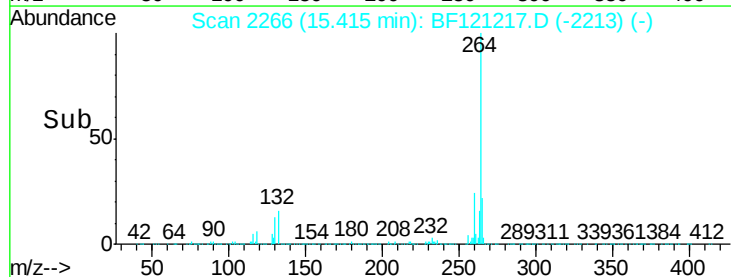
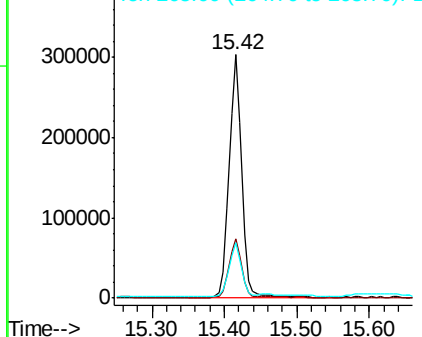


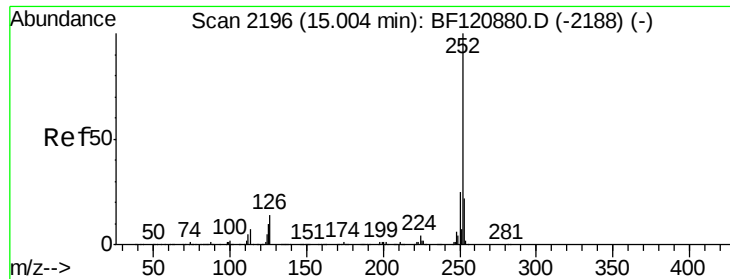
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Tgt Ion:	264	Resp:	364806
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.9	29.9
265	22.7	17.8	26.8



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





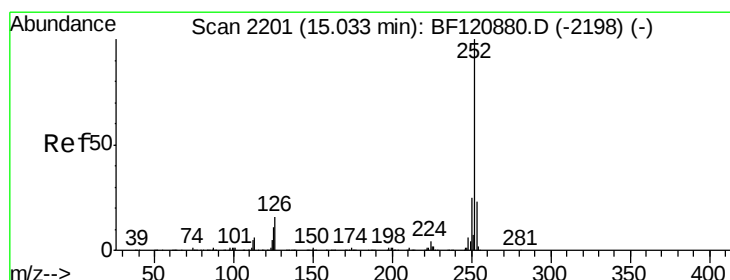
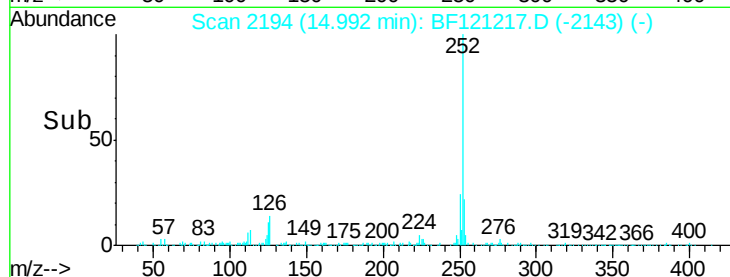
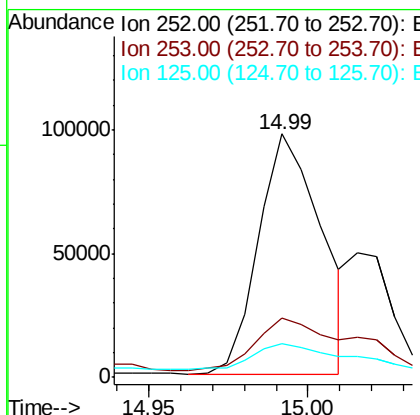
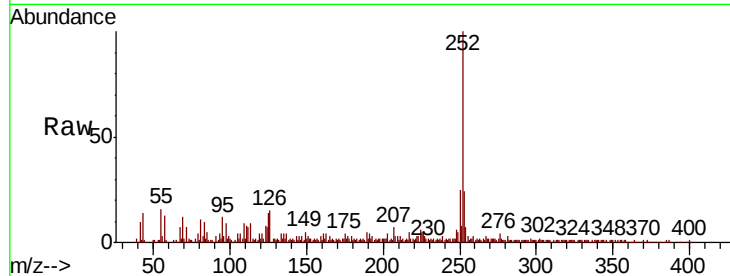
#88
Benzo(b)fluoranthene
Concen: 6.072 ng m
RT: 14.99 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-060-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	13.7	8.1	12.1

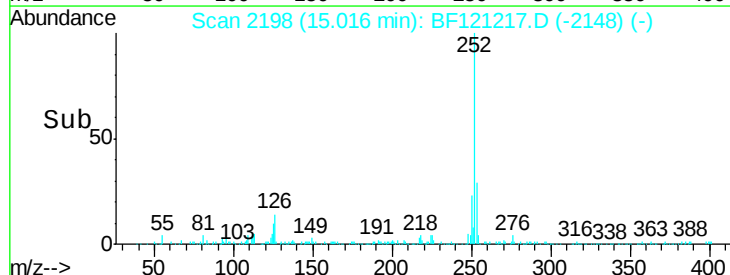
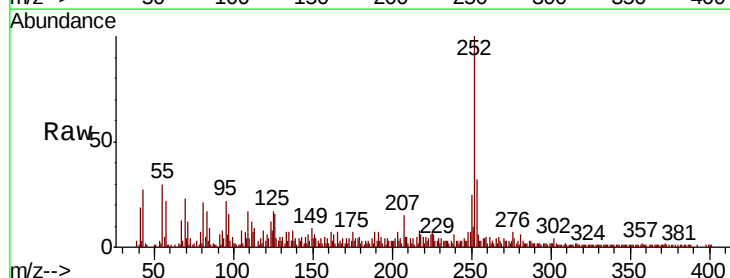
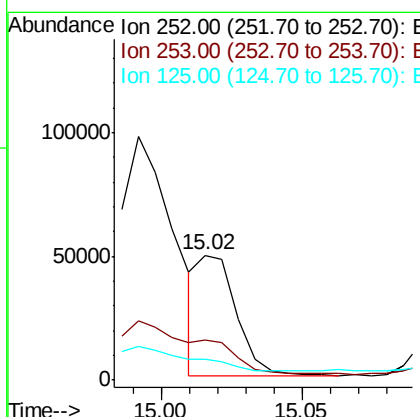
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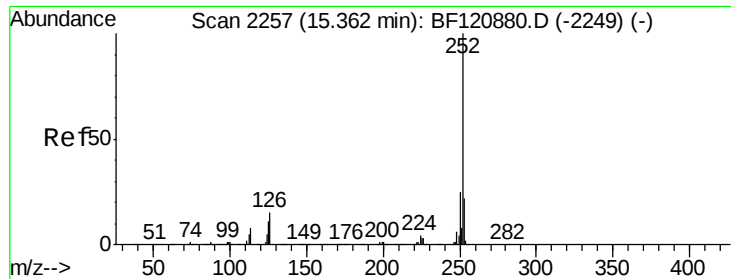
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#89
Benzo(k)fluoranthene
Concen: 2.269 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.7	18.1	27.1
125	16.7	8.0	12.0





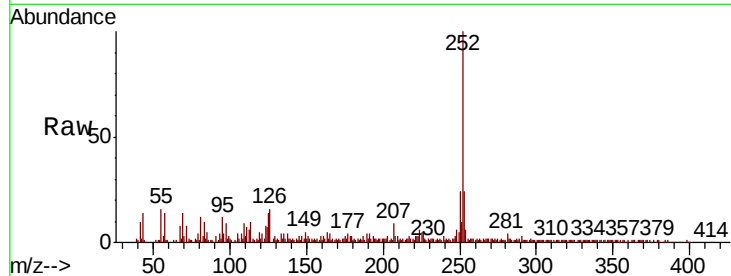
#90
Benzo(a)pyrene
Concen: 5.049 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-060-A

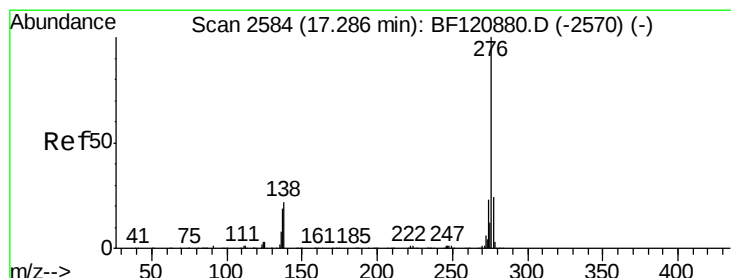
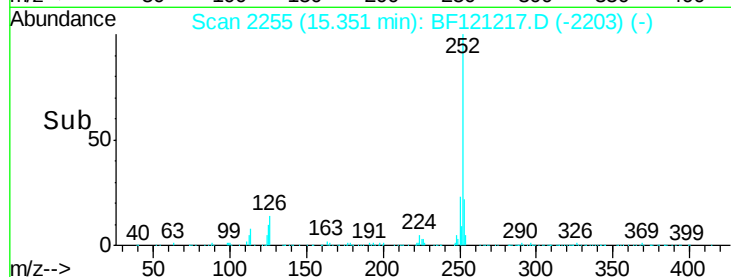
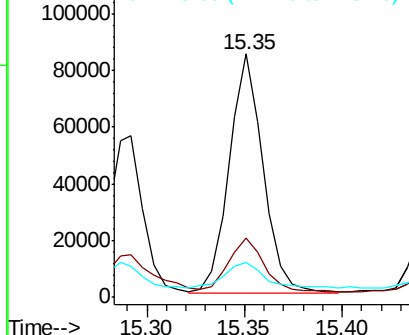
Tot Ion:	252	Resp:	101573
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.0	27.0
125	14.3	9.5	14.3

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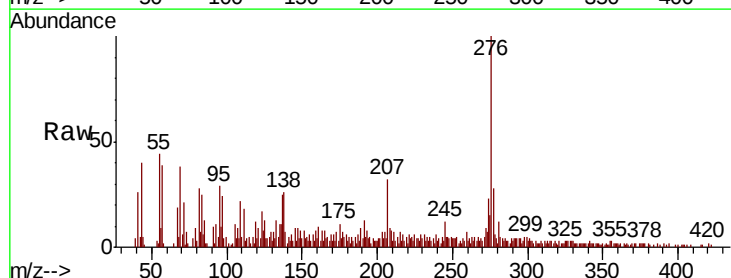


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.436 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF121217.D
Acq: 6 Aug 2020 22:44

Tgt Ion:	276	Resp:	49774
Ion Ratio	Lower	Upper	
276	100		
277	27.7	19.4	29.0
138	25.9	17.2	25.8



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

