

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121219.D
 Acq On : 6 Aug 2020 23:44
 Operator : JU/CG
 Sample : L3573-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-016-A

Manual Integrations
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mohammad
 8/7/2020 1:51:21 PM

Quant Time: Aug 07 12:26:13 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	142258	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	543923	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	266587	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	445576	20.00	ng	0.00
76) Chrysene-d12	13.96	240	359371	20.00	ng	0.00
86) Perylene-d12	15.42	264	324762	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	347911	40.09	ng	0.00
7) Phenol-d6	6.43	99	416162	37.13	ng	-0.02
23) Nitrobenzene-d5	7.36	82	268355	28.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	103257	35.39	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	518907	29.06	ng	0.00
79) Terphenyl-d14	12.90	244	414748	25.09	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	75999	3.952	ng	98
75) Fluoranthene	12.53	202	130384	5.133	ng	98
78) Pyrene	12.76	202	132566	5.218	ng	99
81) Benzo(a)anthracene	13.95	228	86973	3.997	ng	96
83) Chrysene	13.99	228	82204m	3.595	ng	
88) Benzo(b)fluoranthene	15.00	252	117317m	5.976	ng	
89) Benzo(k)fluoranthene	15.02	252	37773m	2.110	ng	
90) Benzo(a)pyrene	15.36	252	83022	4.635	ng	# 92
92) Benzo(g,h,i)perylene	17.29	276	42496	2.336	ng	# 91

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

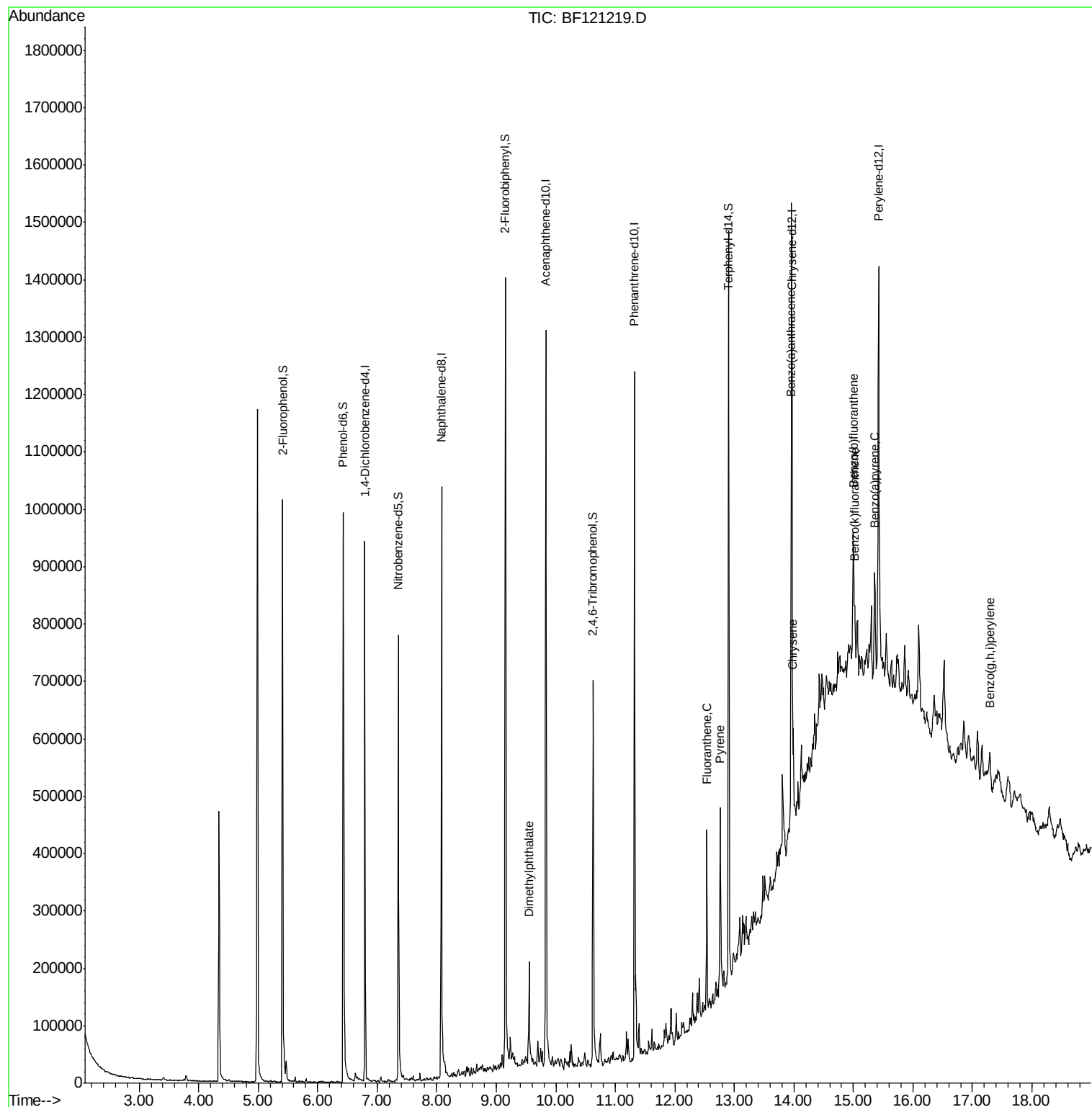
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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Operator : JU/CG
Sample : L3573-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

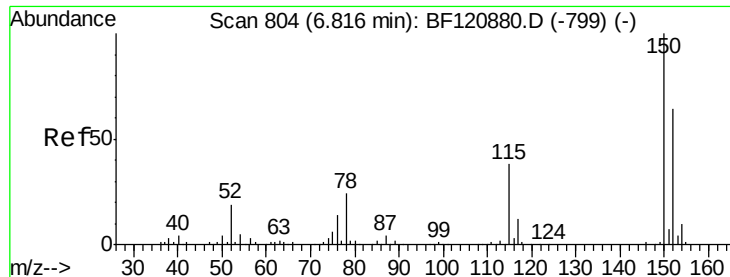
Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

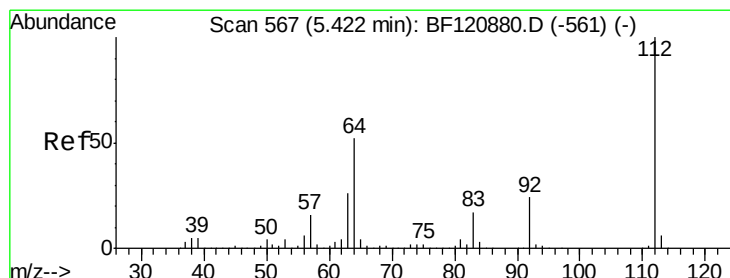
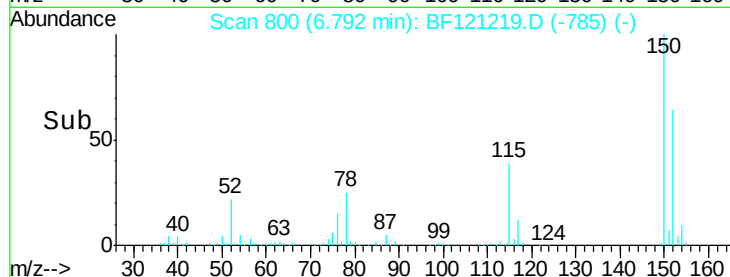
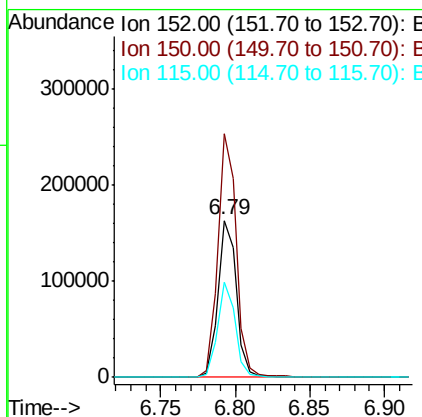
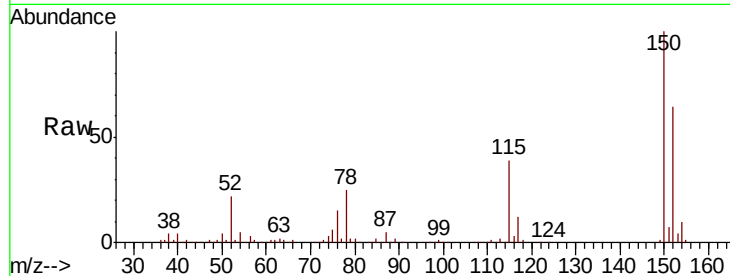
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.6	188.4
115	61.0	46.2	69.2

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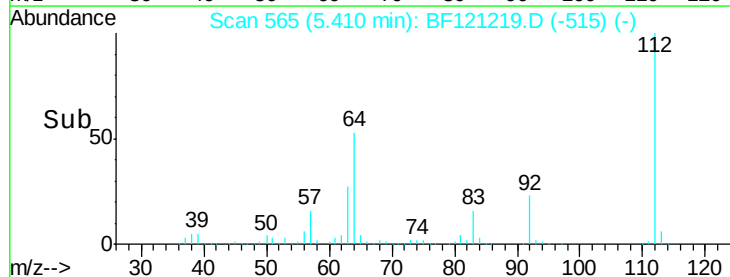
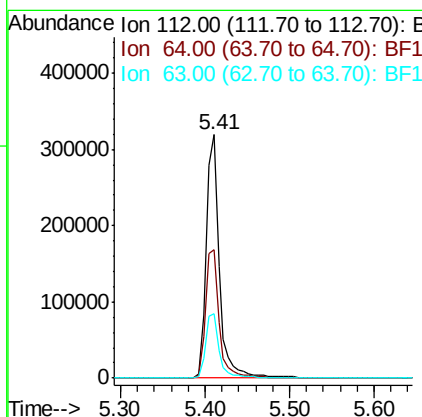
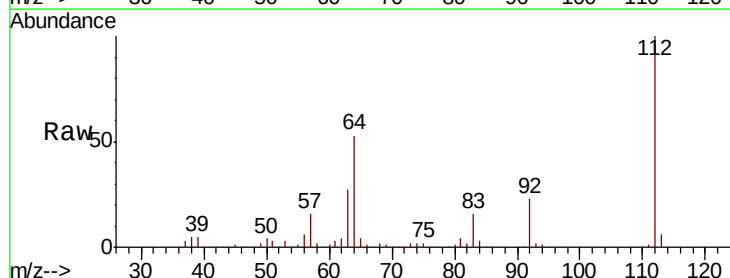
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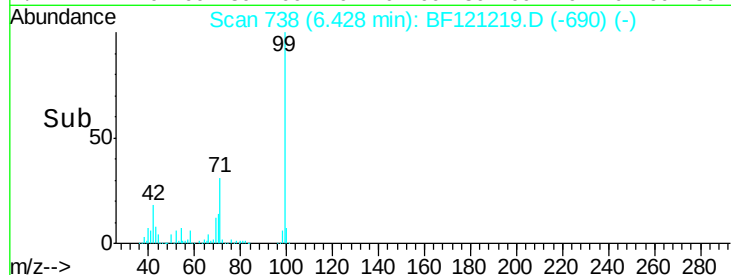
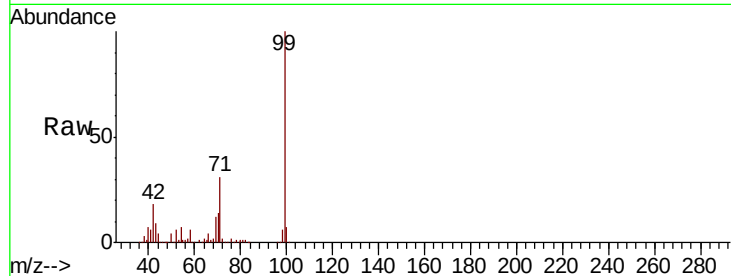
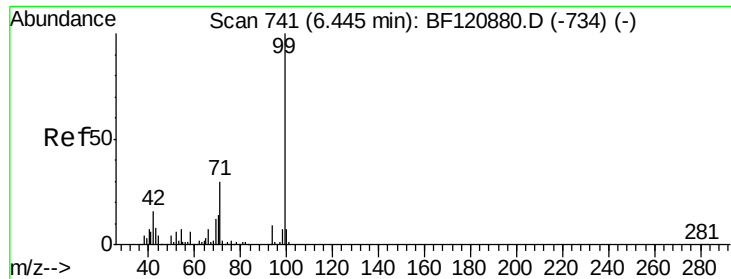


#5

2-Fluorophenol
Concen: 40.093 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	43.9	65.9
63	26.6	22.7	34.1





#7

Phenol-d6

Concen: 37.126 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121219.D

Acq: 6 Aug 2020 23:44

Tot Ion:	99	Resp:	416162
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.5	20.3
71	30.8	25.0	37.4

Instrument :

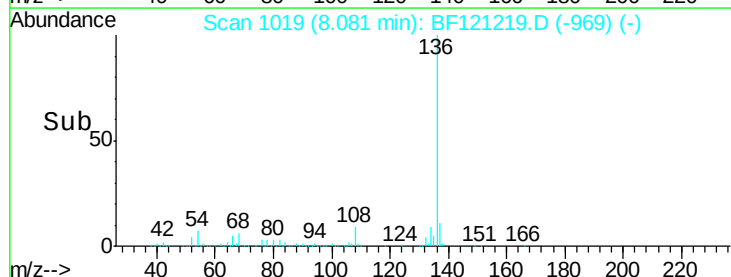
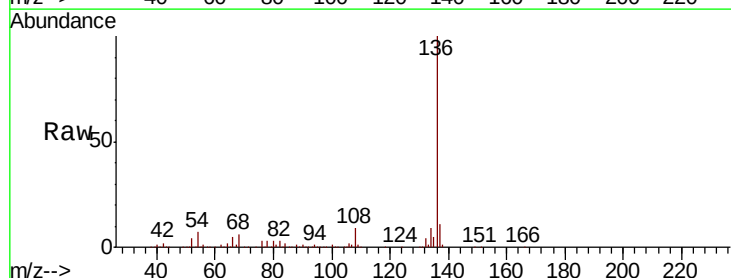
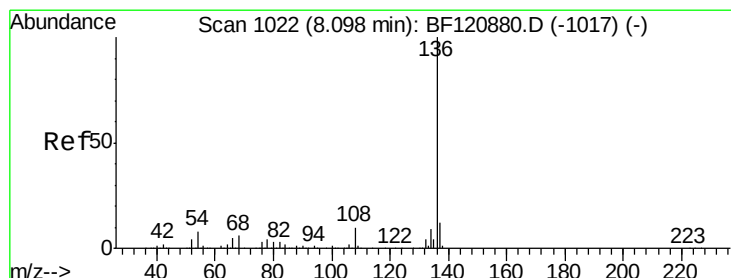
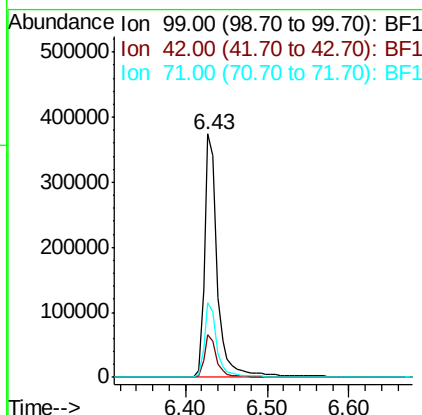
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

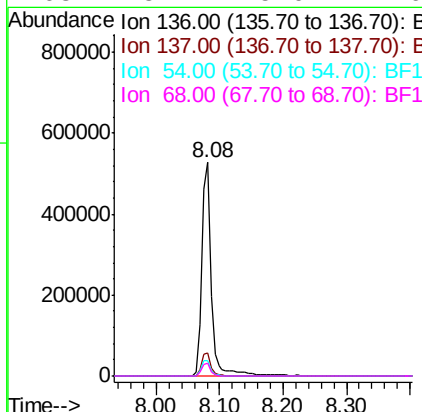
RT: 8.08 min Scan# 1019

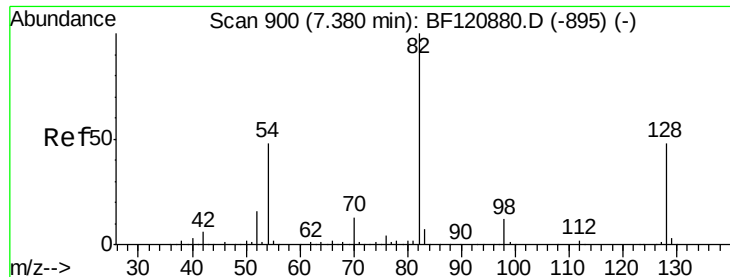
Delta R.T. -0.01 min

Lab File: BF121219.D

Acq: 6 Aug 2020 23:44

Tgt Ion:	136	Resp:	543923
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	7.0	6.1	9.1
68	5.7	5.0	7.6





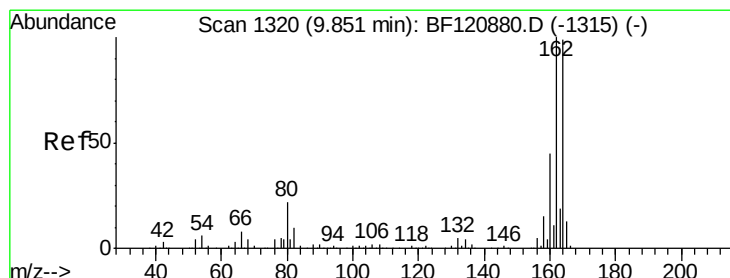
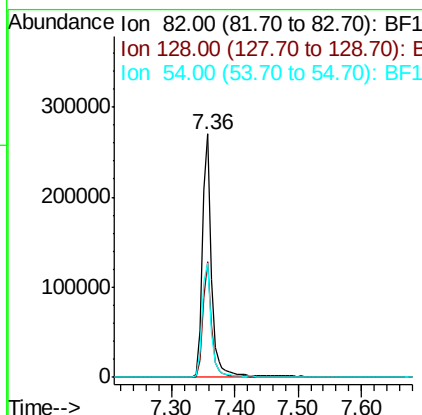
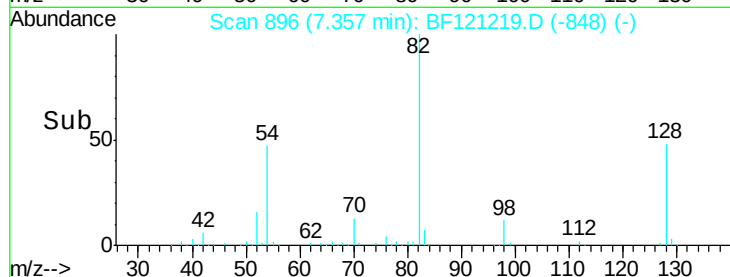
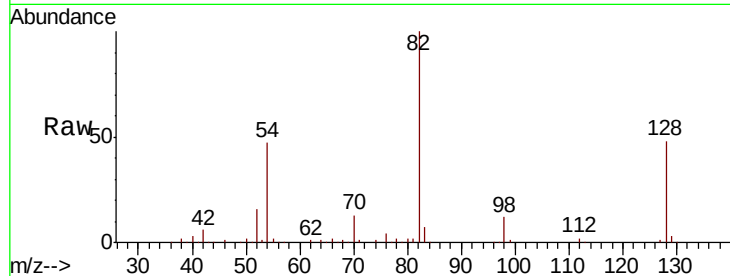
#23
 Nitrobenzene-d5
 Concen: 28.548 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121219.D
 Acq: 6 Aug 2020 23:44

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-03-016-A

Tot Ion	82	Resp	268355
Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.2	58.8
54	47.2	37.8	56.8

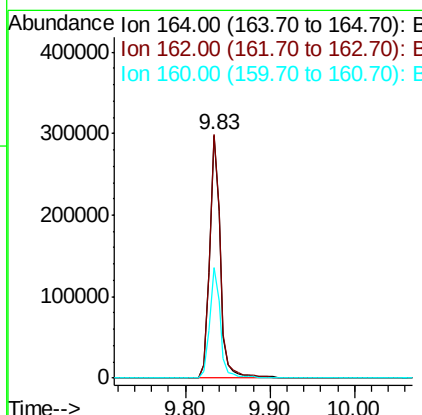
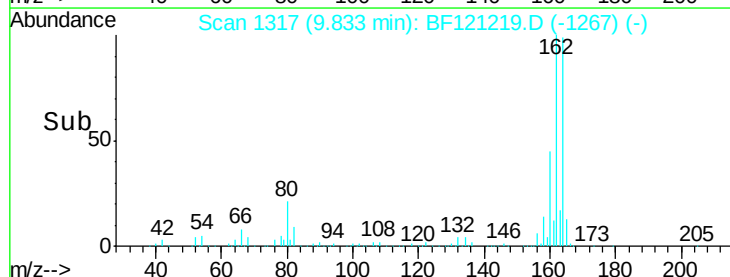
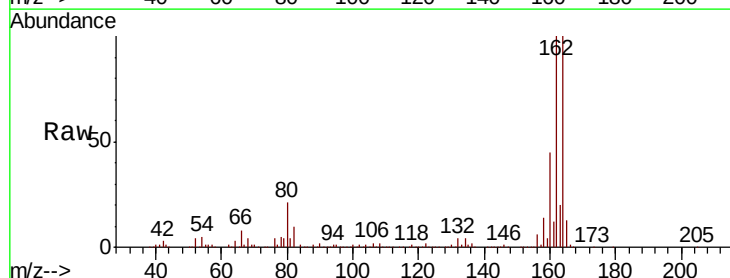
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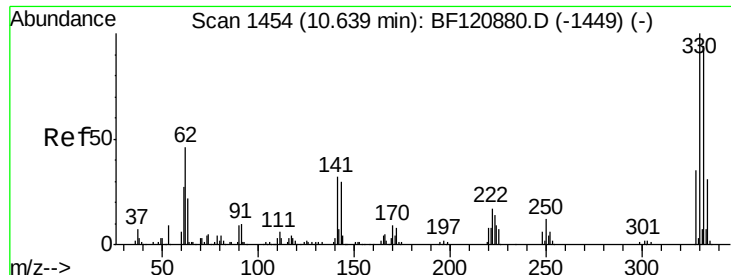
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121219.D
 Acq: 6 Aug 2020 23:44

Tgt Ion	164	Resp	266587
Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.3	37.2	55.8





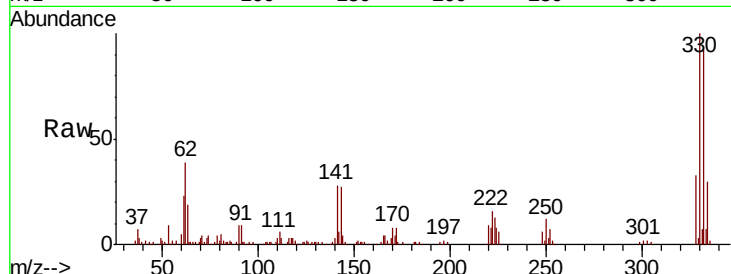
#42
 2,4,6-Tribromophenol
 Concen: 35.386 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121219.D
 Acq: 6 Aug 2020 23:44

Instrument :
 BNA_F
 ClientSampled :
 FK-GF-03-016-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	103257		
332	94.9		76.1	114.1
141	31.1		24.1	36.1

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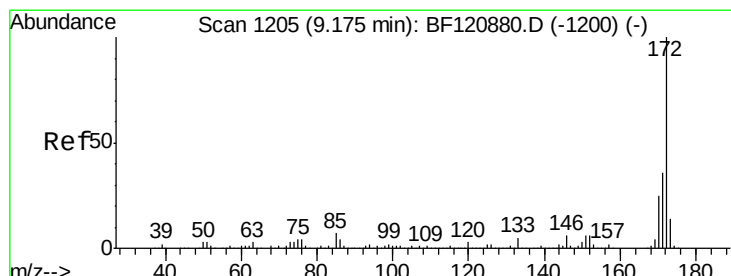
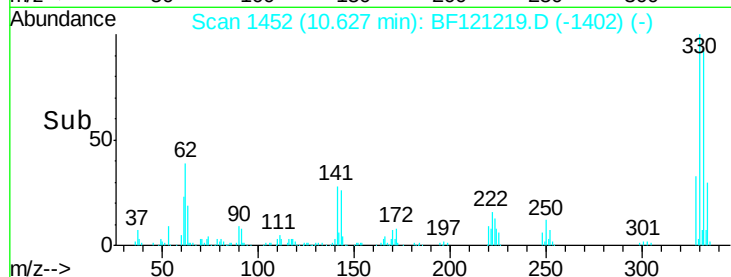
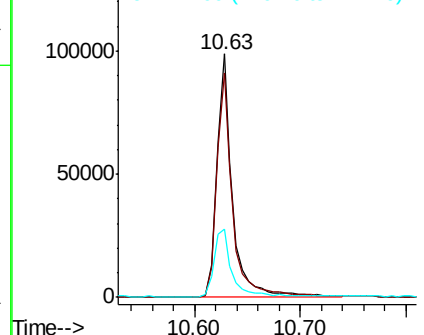


Abundance

Ion 329.80 (329.50 to 330.50): E

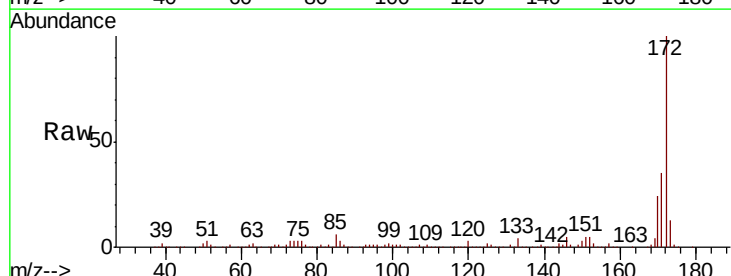
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 29.062 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121219.D
 Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	518907		
171	35.1		29.0	43.4
170	23.6		19.6	29.4

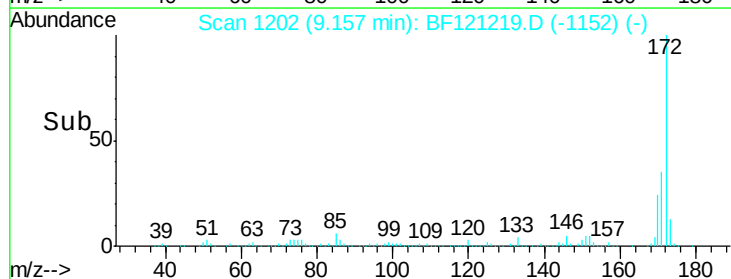
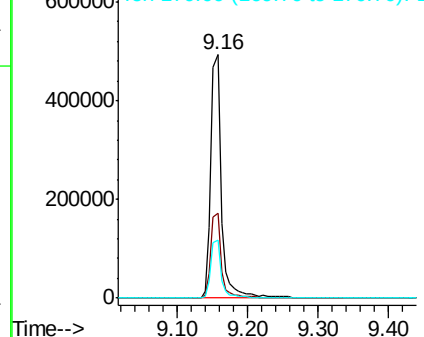


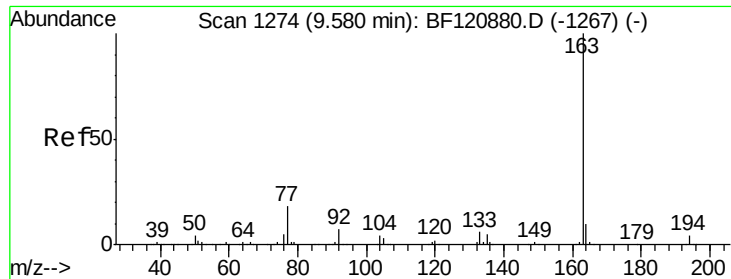
Abundance

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





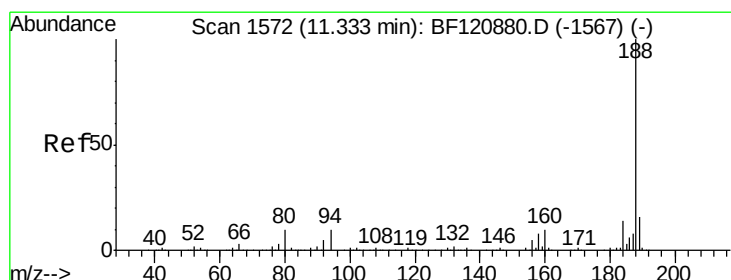
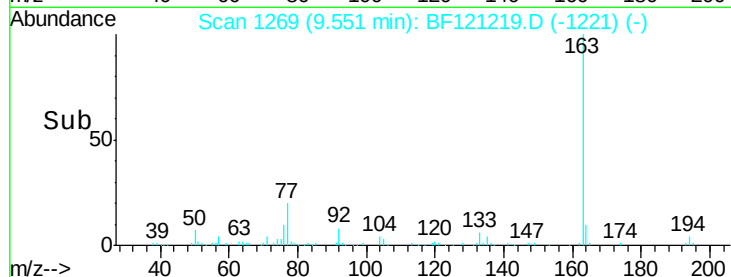
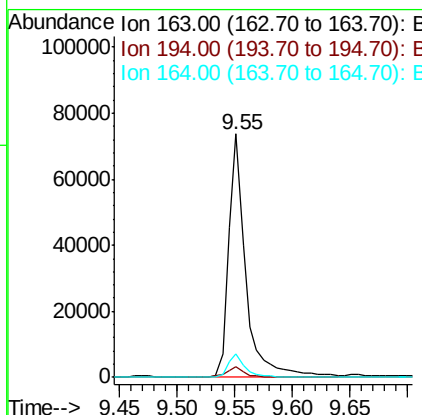
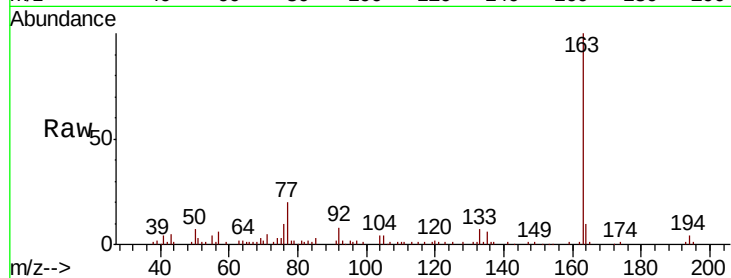
#50
Dimethylphthalate
Concen: 3.952 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion:	163	Resp:	75999
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.0	4.4
164	9.6	8.4	12.6

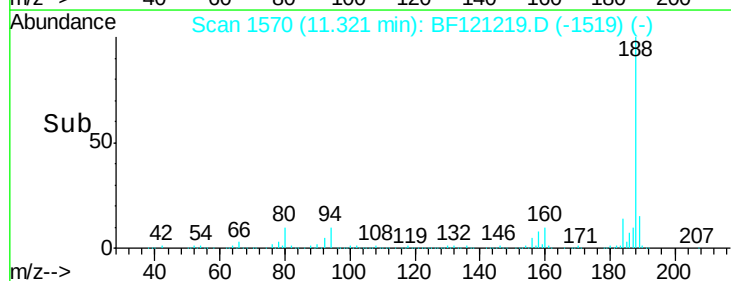
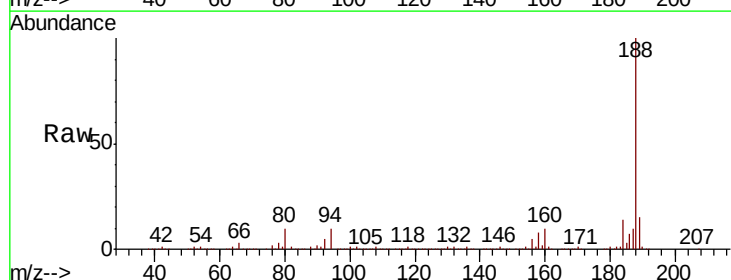
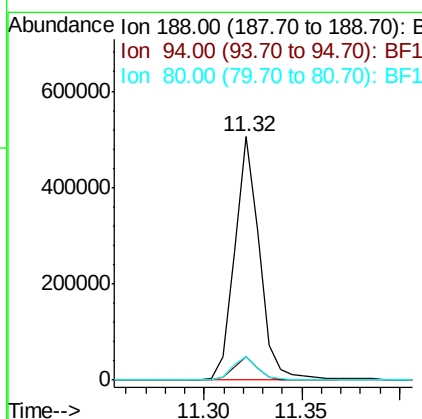
Manual Integrations
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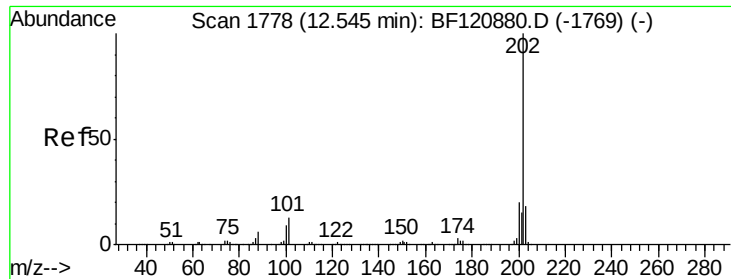
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:	188	Resp:	445576
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.0	12.0
80	9.9	8.3	12.5





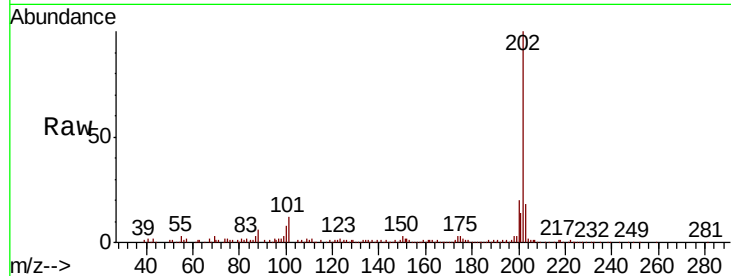
#75
Fluoranthene
Concen: 5.133 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

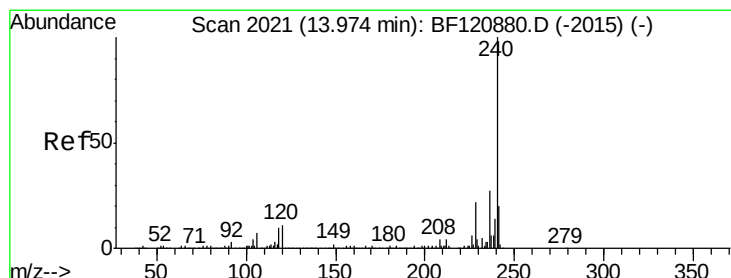
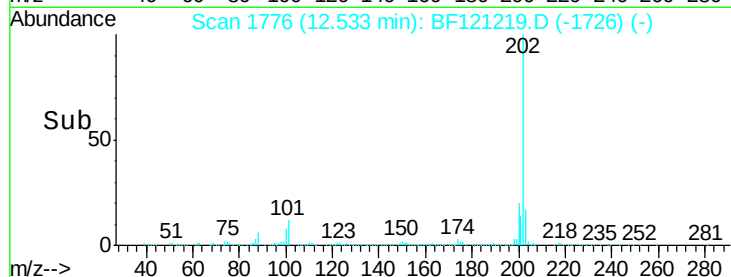
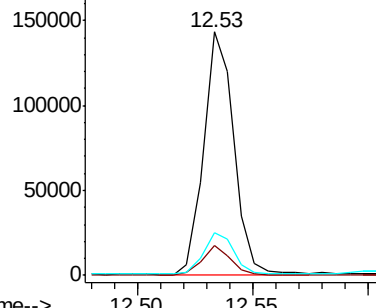
Tot Ion:	202	Resp:	130384
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	30.5
203	17.5	0.0	37.7

Manual Integrations
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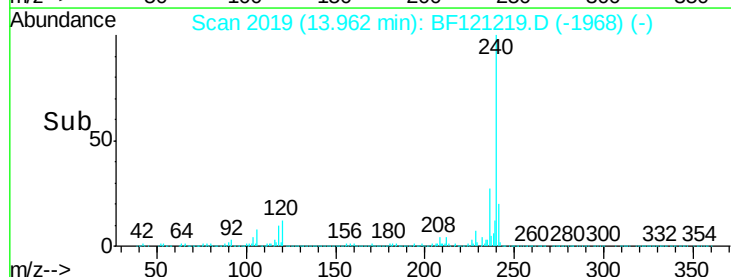
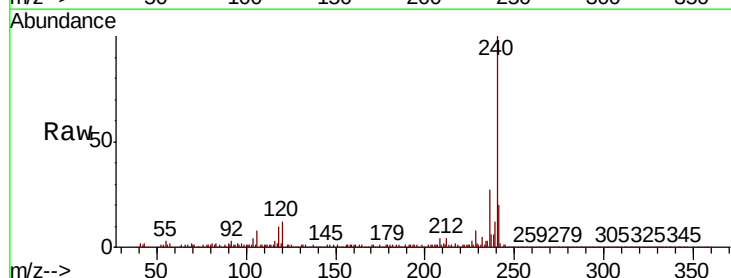
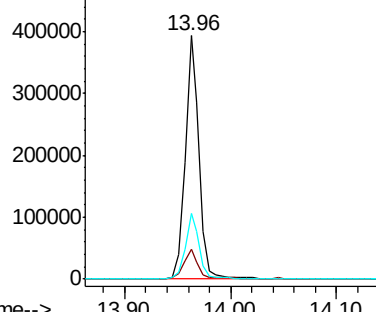
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

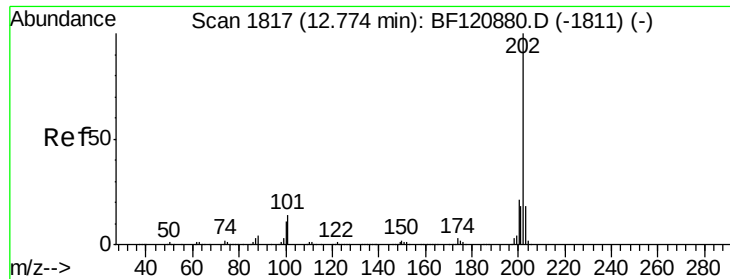


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion:	240	Resp:	359371
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.3	13.9
236	27.1	21.1	31.7

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





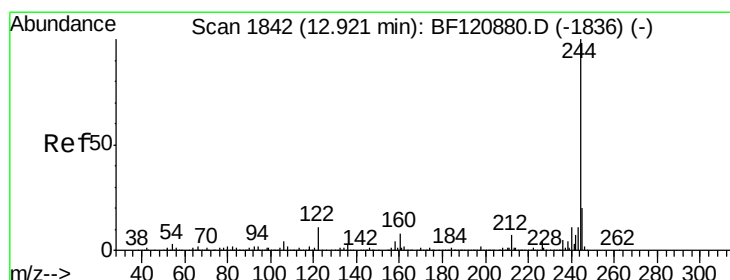
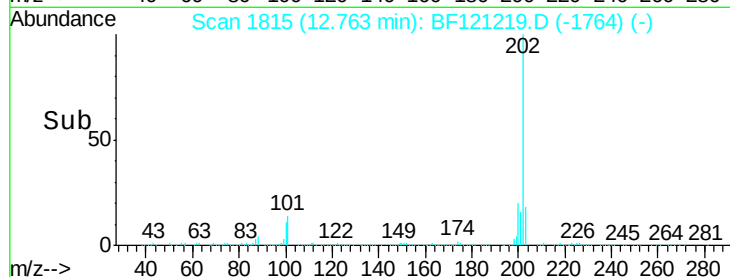
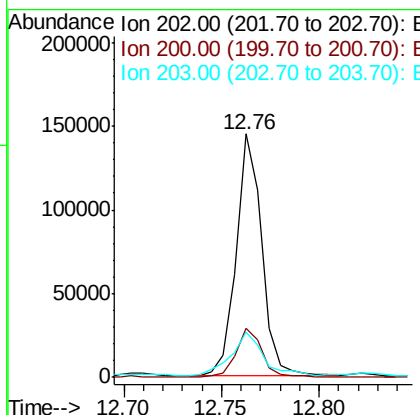
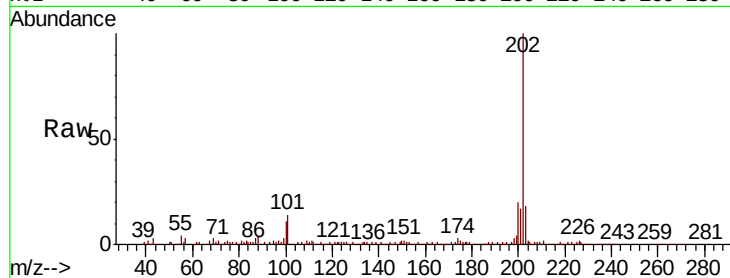
#78
Pvrene
Concen: 5.218 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	17.0	25.6	
203	18.5	14.6	21.8	

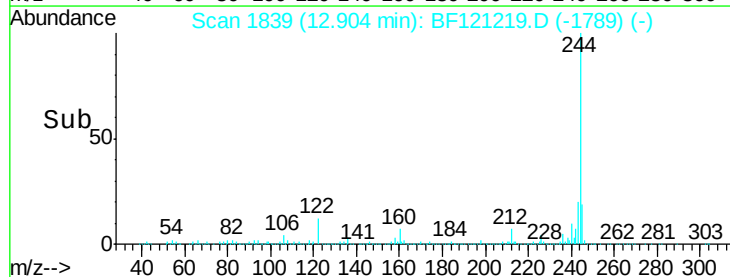
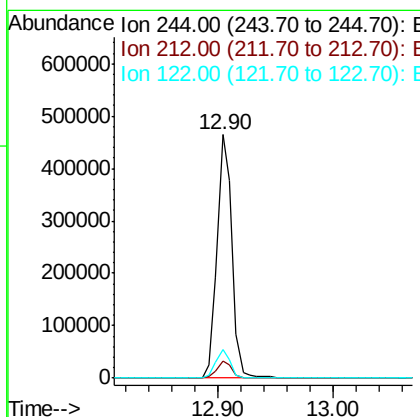
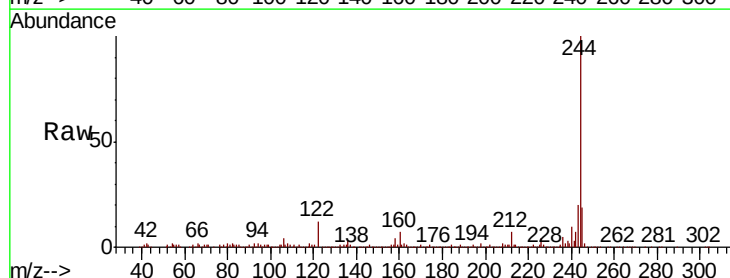
Manual Integrations
APPROVED

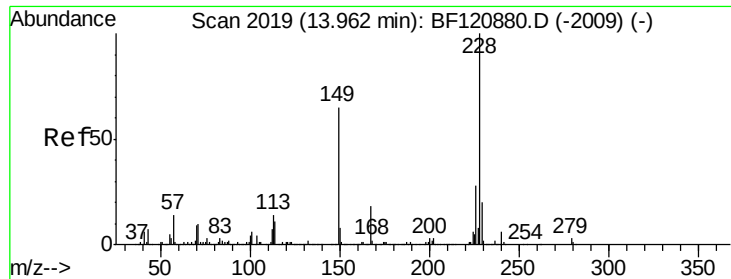
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#79
Terphenyl-d14
Concen: 25.088 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	5.7	8.5	
122	11.8	8.3	12.5	





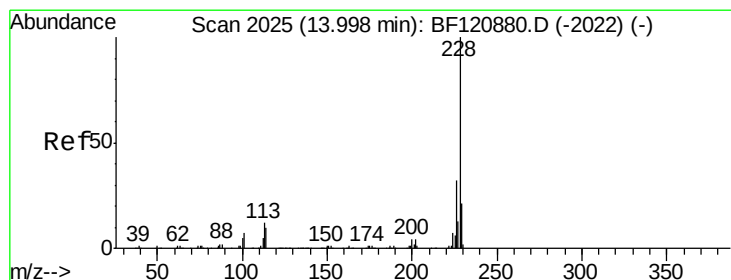
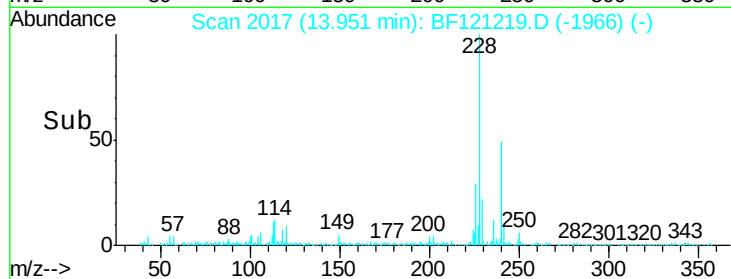
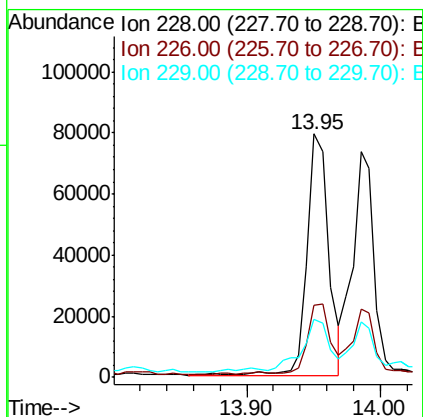
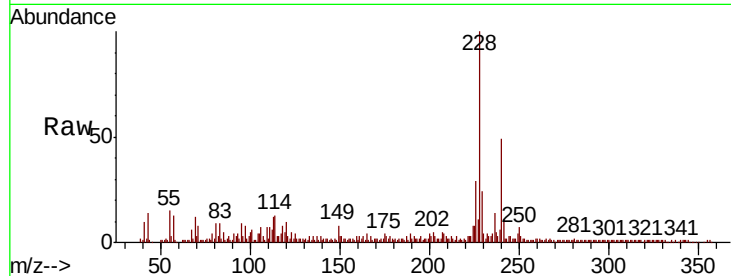
#81
Benzo(a)anthracene
Concen: 3.997 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	34.0
229	23.6	16.1	24.1

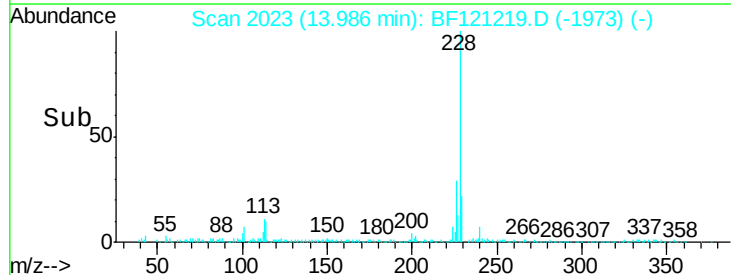
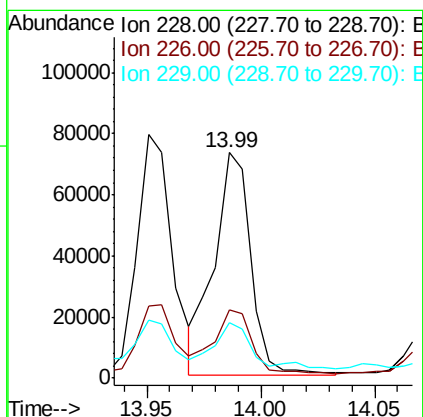
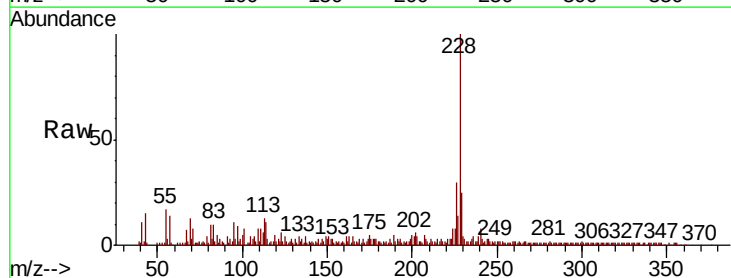
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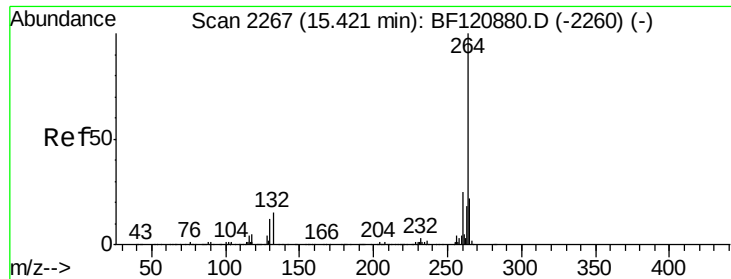
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#83
Chrysene
Concen: 3.595 ng m
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	24.8	16.2	24.4#





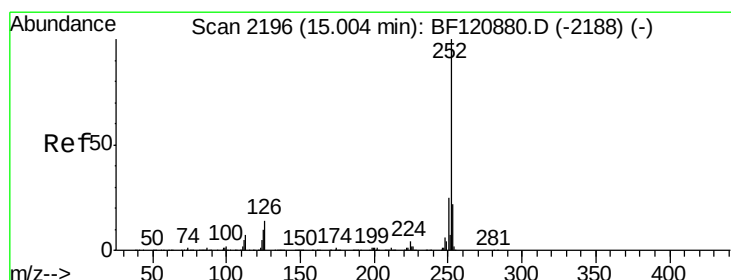
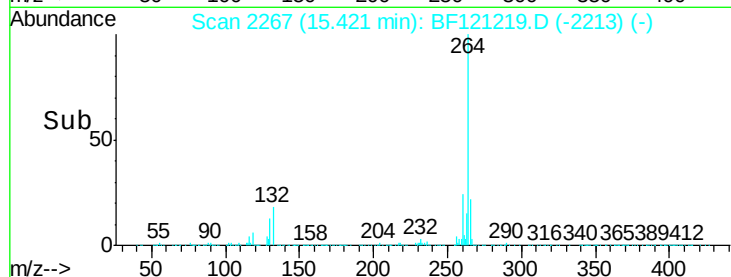
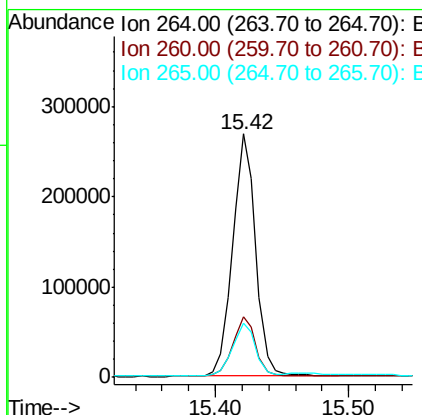
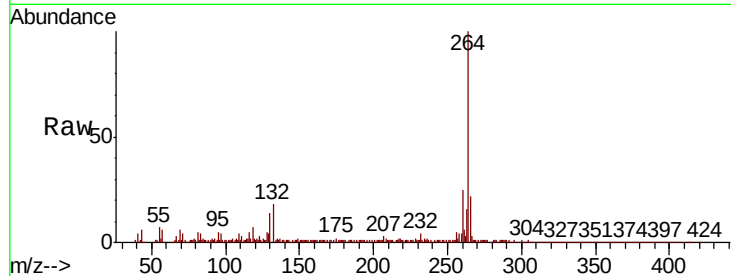
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.9	29.9
265	22.4	17.8	26.8

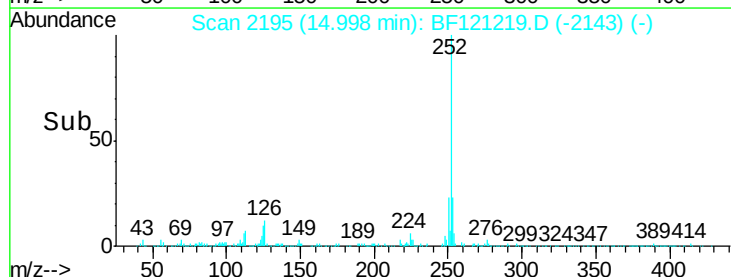
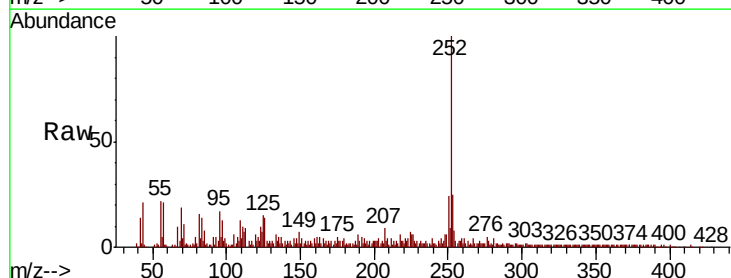
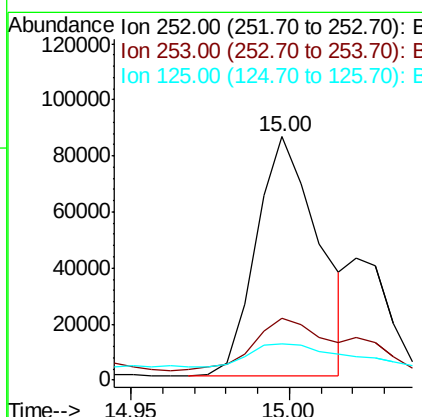
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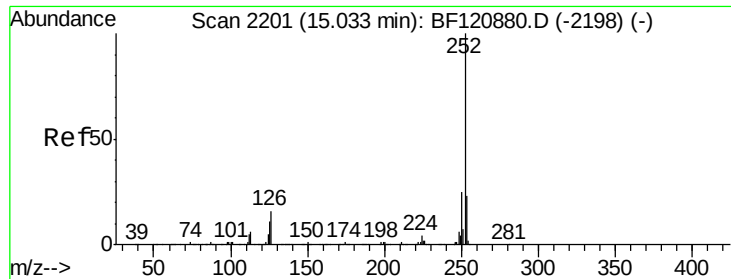
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#88
Benzo(b)fluoranthene
Concen: 5.976 ng m
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	14.8	8.1	12.1#





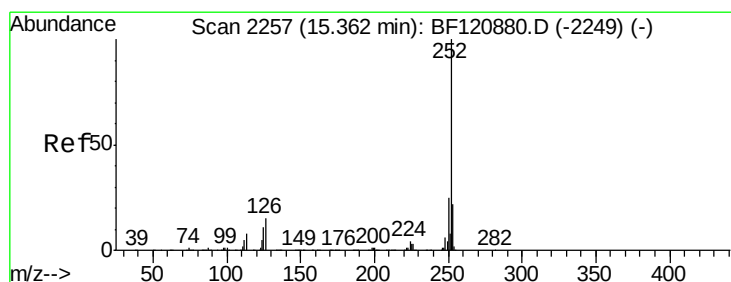
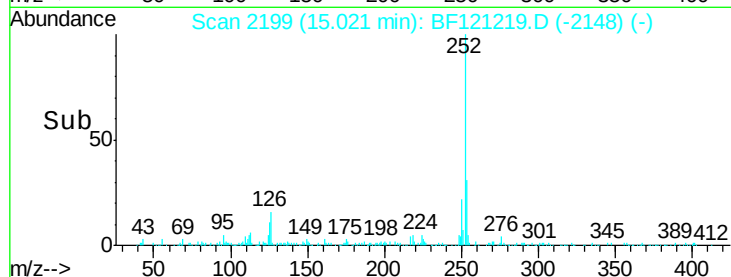
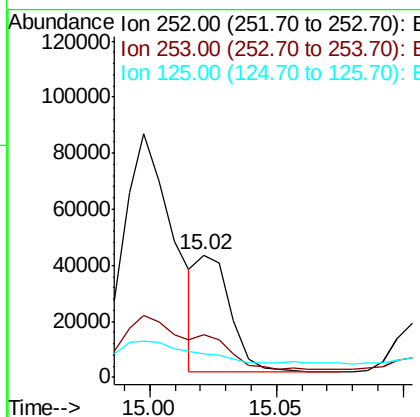
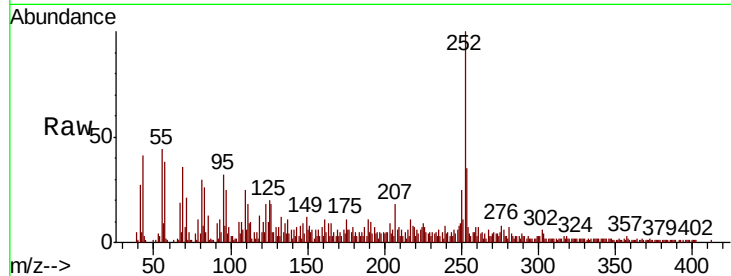
#89
Benzo(k)fluoranthene
Concen: 2.110 ng/mL
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Instrument :
BNA_F
ClientSampleId :
FK-GF-03-016-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.8	18.1	27.1#
125	19.7	8.0	12.0#

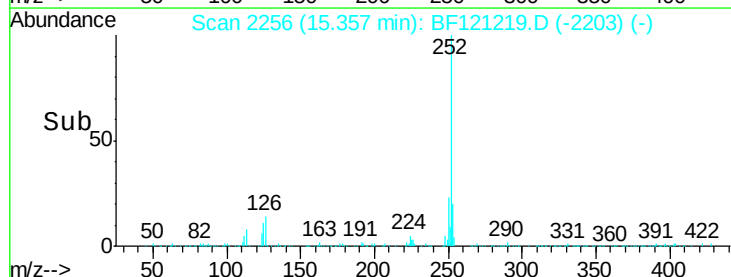
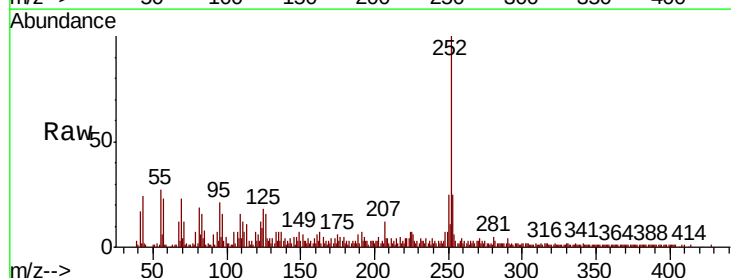
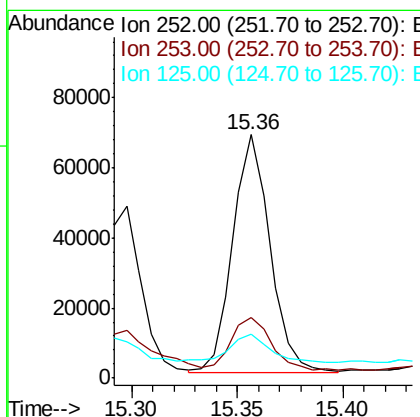
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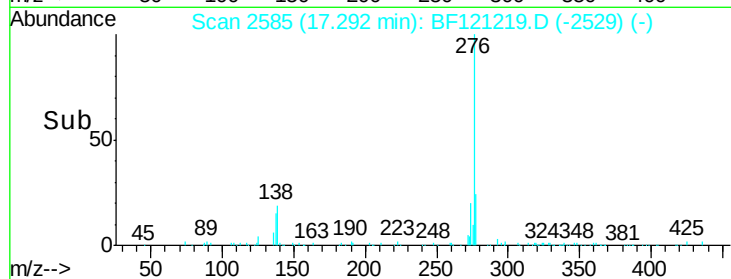
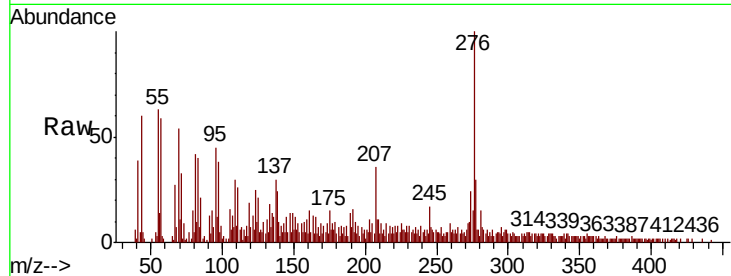
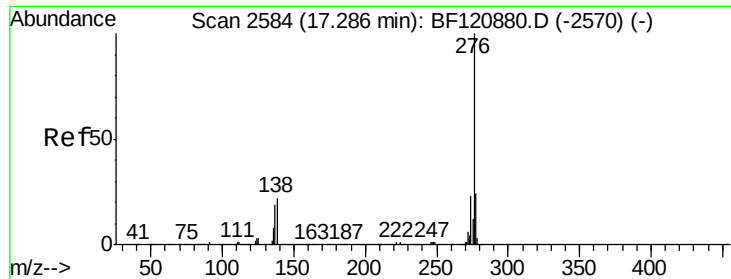
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#90
Benzo(a)pyrene
Concen: 4.635 ng/mL
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121219.D
Acq: 6 Aug 2020 23:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	18.0	9.5	14.3#





#92

Benzo(a,h,i)perylene

Concen: 2.336 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.03 min

Lab File: BF121219.D

Acq: 6 Aug 2020 23:44

Tot Ion:	276	Resp:	42496
Ion Ratio	Lower	Upper	
276	100		
277	29.8	19.4	29.0#
138	24.3	17.2	25.8

Instrument :

BNA_F

ClientSampleId :

FK-GF-03-016-A

Manual Integrations
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