

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120847.D
 Acq On : 10 Jul 2020 23:02
 Operator : JU/CG
 Sample : L3255-08 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-07

Manual Integrations
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mohammad
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Quant Time: Jul 11 06:54:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	192480	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	706385	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	91326m	20.00	ng	0.06
64) Phenanthrene-d10	11.50	188	114512	20.00	ng	0.12
76) Chrysene-d12	14.06	240	175498	20.00	ng	0.05
86) Perylene-d12	15.50	264	476422	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	502762	40.32	ng	0.00
7) Phenol-d6	6.47	99	613862	38.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	380867	31.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	51893	56.56	ng	0.09
45) 2-Fluorobiphenyl	9.25	172	532528	88.22	ng	0.04
79) Terphenyl-d14	13.04	244	208267	23.23	ng	0.08
Target Compounds						
75) Fluoranthene	12.70	202	53461m	8.077	ng	Qvalue
78) Pyrene	12.93	202	63830m	4.554	ng	
81) Benzo(a)anthracene	14.06	228	59249	5.267	ng	# 73
83) Chrysene	14.09	228	66524	5.797	ng	# 81
84) Bis(2-ethylhexyl)phthalate	14.03	149	16421m	2.069	ng	95
87) Indeno(1,2,3-cd)pyrene	16.94	276	115607	3.783	ng	
88) Benzo(b)fluoranthene	15.08	252	210096m	6.708	ng	# 82
90) Benzo(a)pyrene	15.44	252	144133	5.159	ng	
92) Benzo(g,h,i)perylene	17.38	276	113353	4.870	ng	95

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

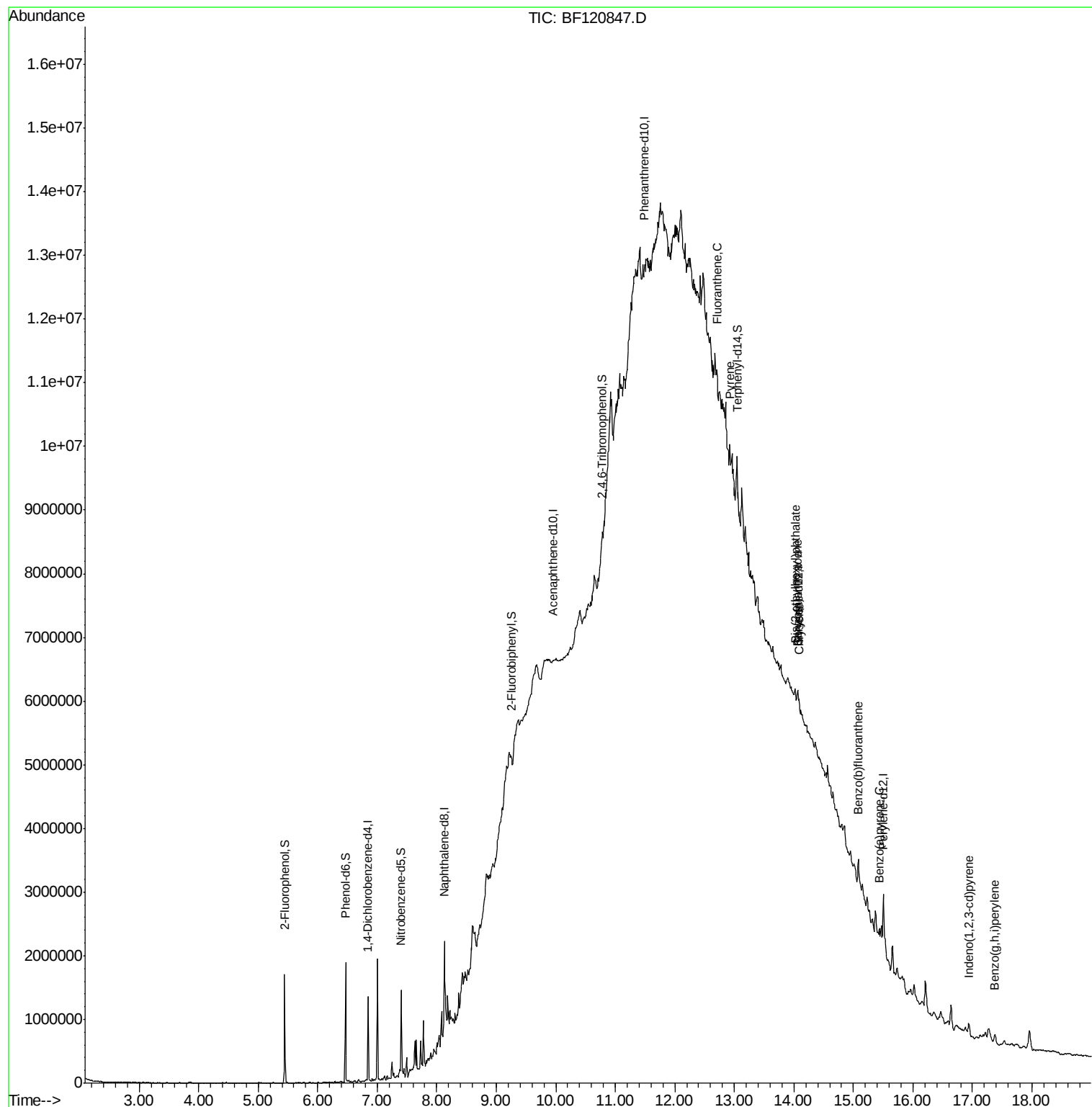
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120847.D
Acq On : 10 Jul 2020 23:02
Operator : JU/CG
Sample : L3255-08 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

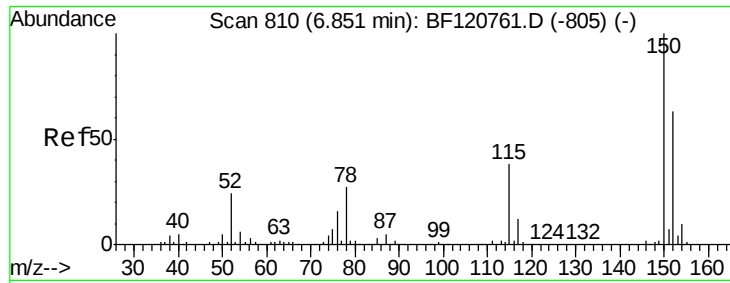
Instrument :
BNA_F
ClientSampleId :
RBR-07

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Quant Time: Jul 11 06:54:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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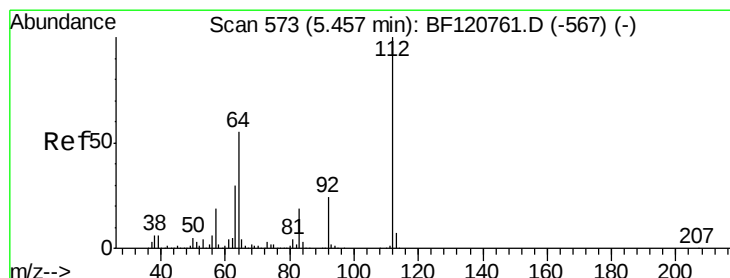
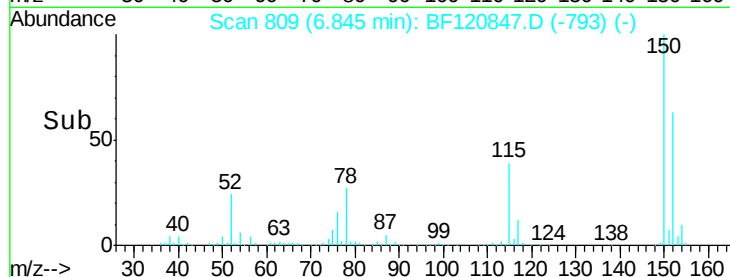
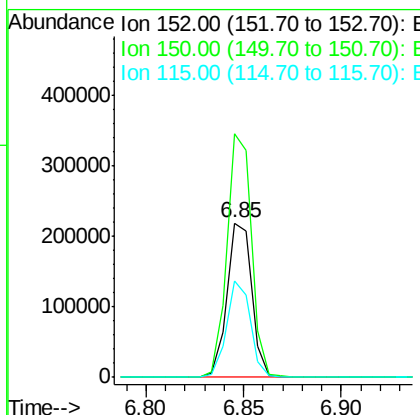
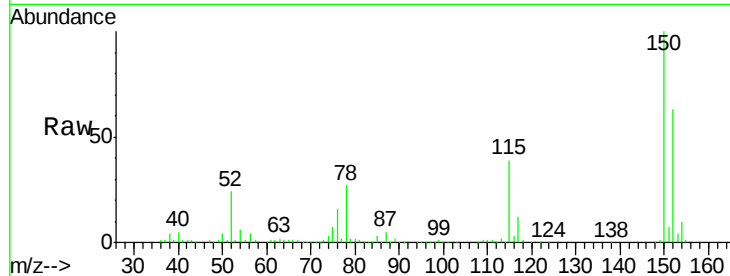
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120847.D
 Acq: 10 Jul 2020 23:02

Instrument :
 BNA_F
 ClientSampleId :
 RBR-07

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.1	189.1
115	62.1	48.5	72.7

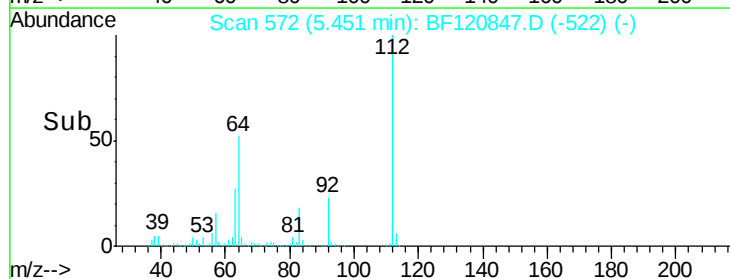
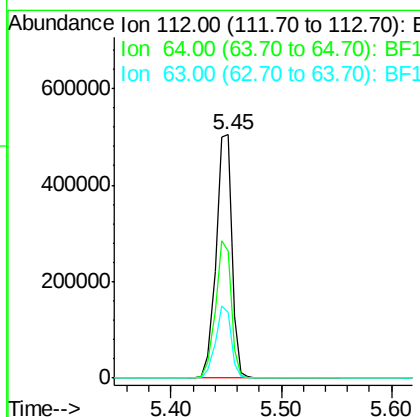
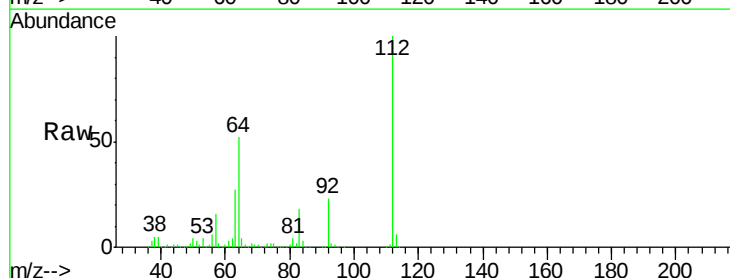
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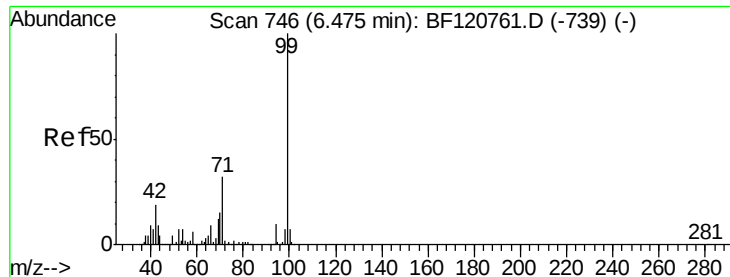
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#5
 2-Fluorophenol
 Concen: 40.320 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF120847.D
 Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	43.8	65.6
63	27.1	23.6	35.4





#7

Phenol-d6

Concen: 38.550 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Instrument :

BNA_F

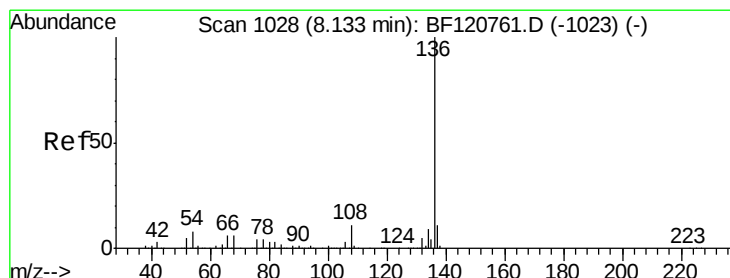
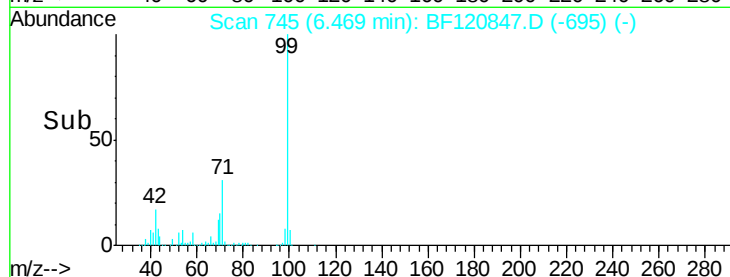
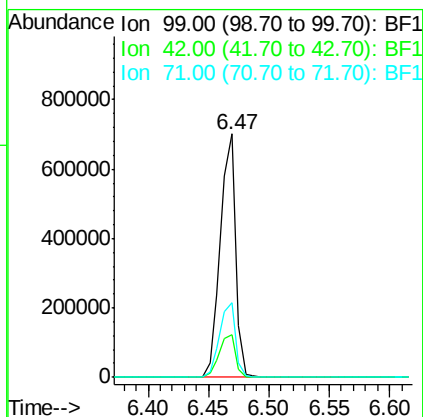
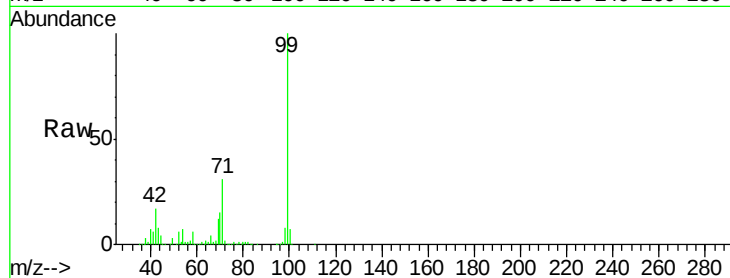
ClientSampleId :

RBR-07

Tot Ion:	99	Resp:	613862
Ion Ratio	Lower	Upper	
99	100		
42	17.3	15.4	23.0
71	30.9	25.9	38.9

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#21

Naphthalene-d8

Concen: 20.000 ng

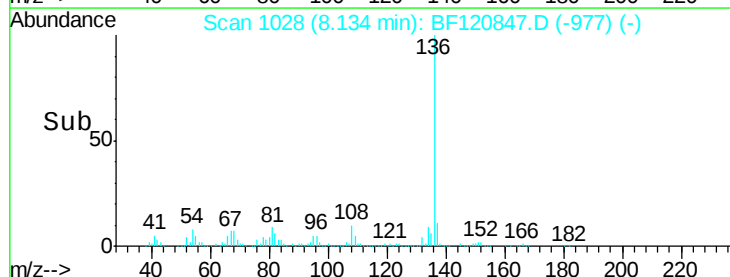
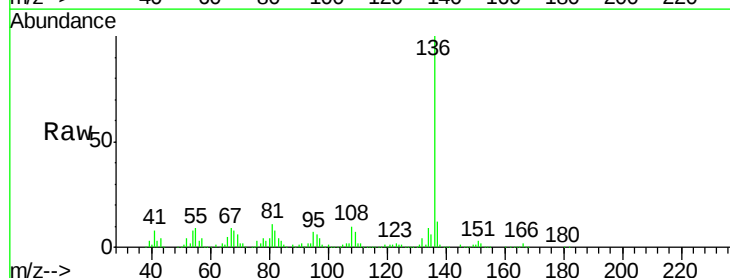
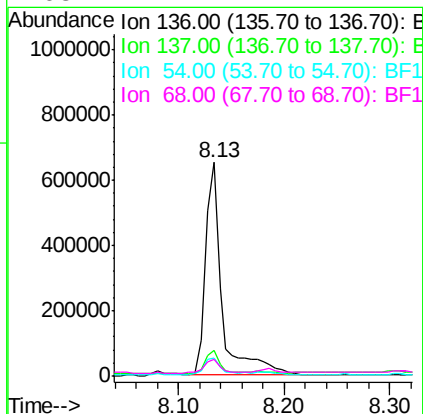
RT: 8.13 min Scan# 1028

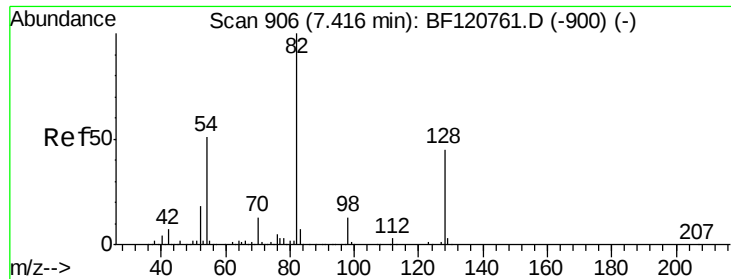
Delta R.T. 0.00 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Tgt Ion:	136	Resp:	706385
Ion Ratio	Lower	Upper	
136	100		
137	12.1	9.0	13.6
54	8.5	6.2	9.4
68	7.7	4.7	7.1#





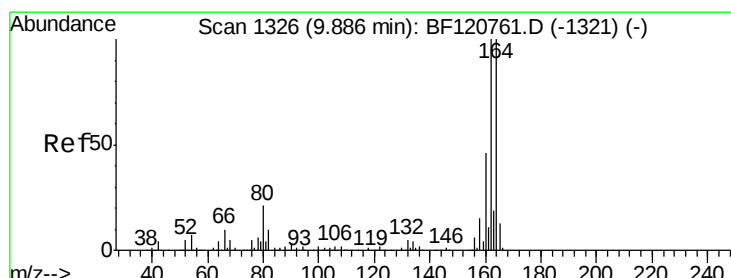
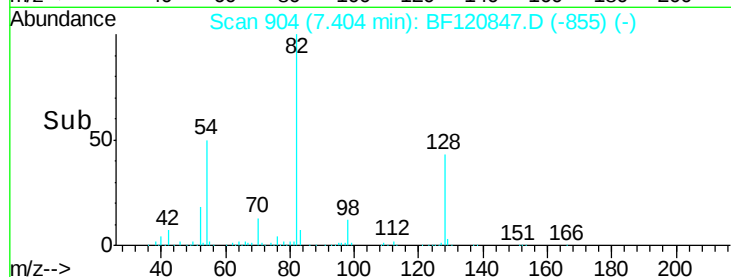
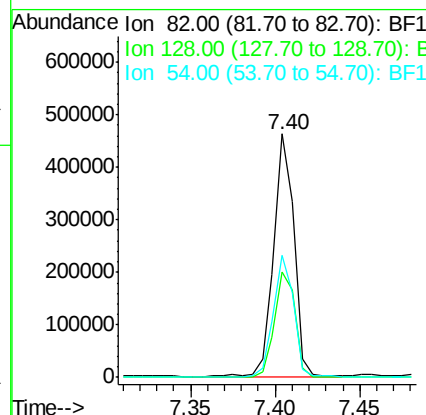
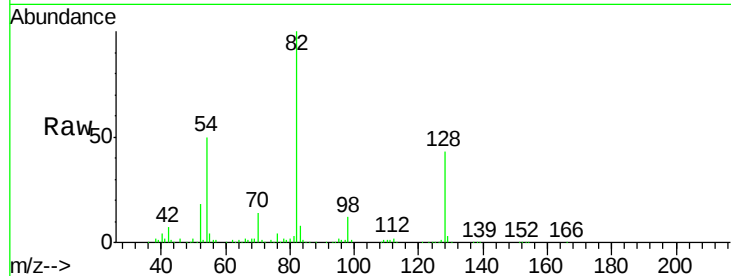
#23
Nitrobenzene-d5
Concen: 31.239 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Instrument :
BNA_F
ClientSampleId :
RBR-07

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	50.3	40.9	61.3

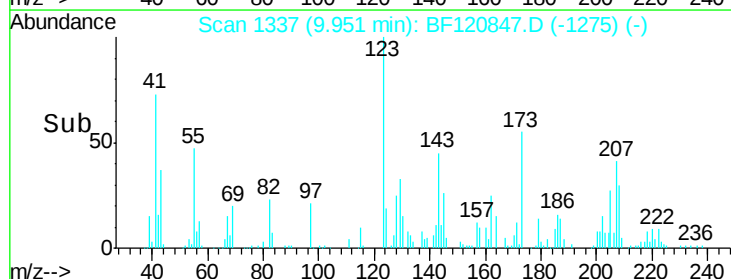
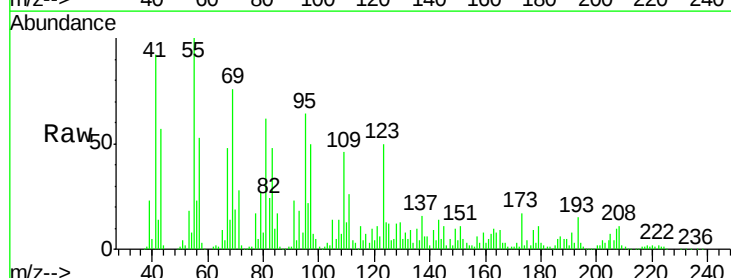
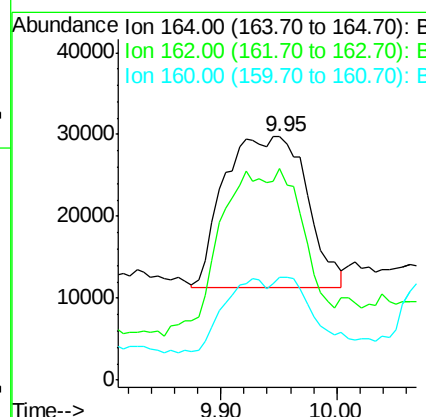
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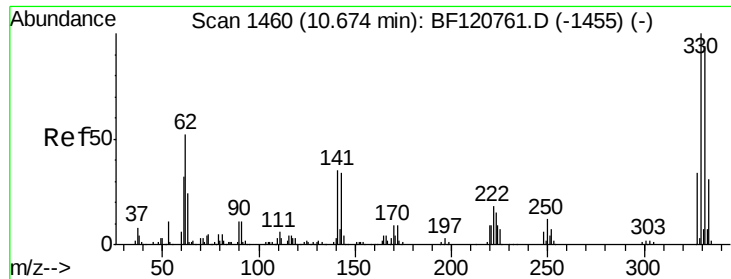
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#39
Acenaphthene-d10
Concen: 20.000 ng m
RT: 9.95 min Scan# 1337
Delta R.T. 0.06 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	87.1	80.2	120.2
160	42.4	36.9	55.3





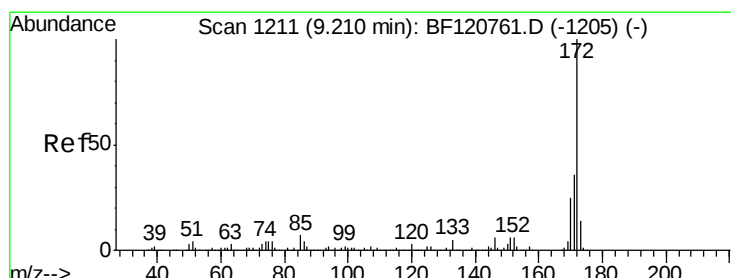
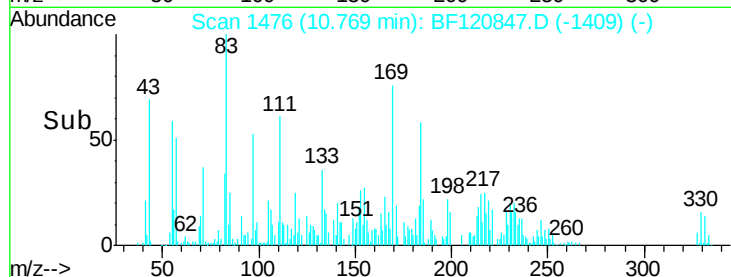
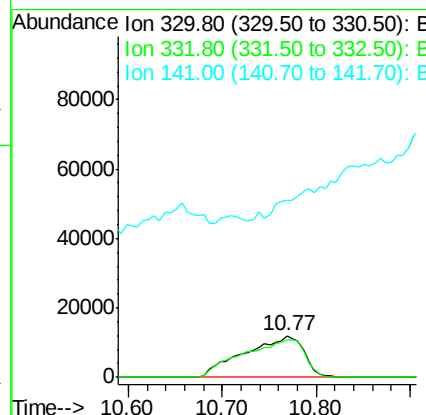
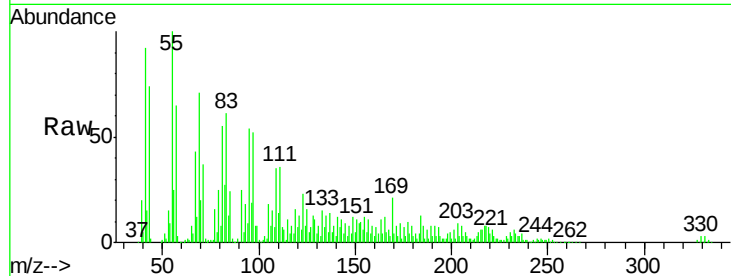
#42
 2,4,6-Tribromophenol
 Concen: 56.559 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.09 min
 Lab File: BF120847.D
 Acq: 10 Jul 2020 23:02

Instrument :
 BNA_F
 ClientSampleId :
 RBR-07

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.6
141	0.0	29.7	44.5#

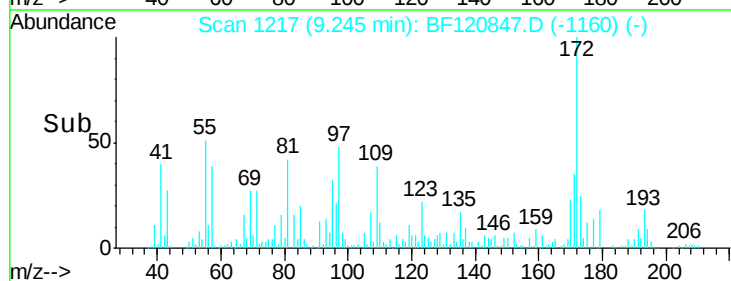
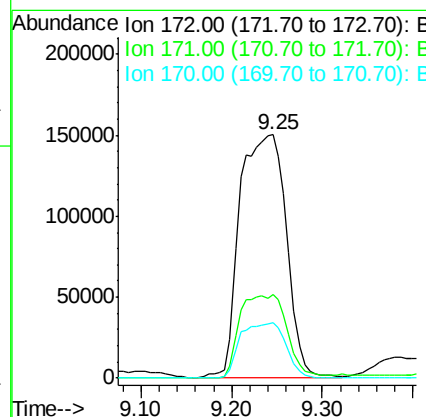
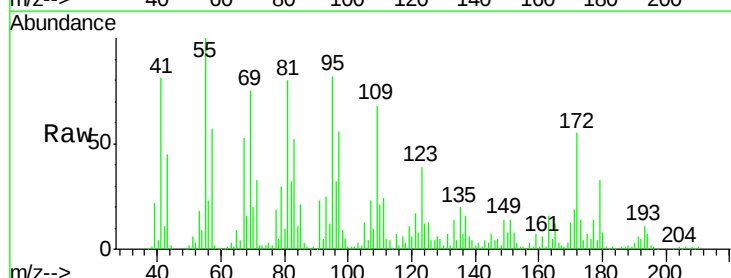
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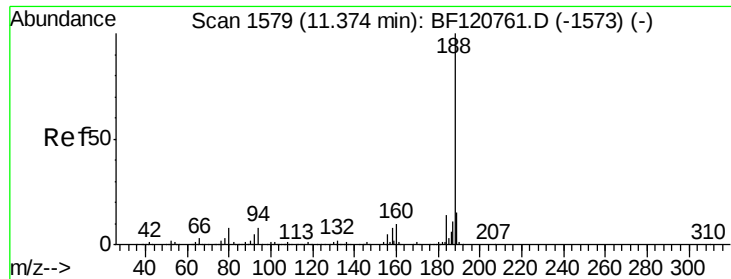
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#45
 2-Fluorobiphenyl
 Concen: 88.221 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.04 min
 Lab File: BF120847.D
 Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.1	43.7
170	22.9	19.8	29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.12 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Instrument :

BNA_F

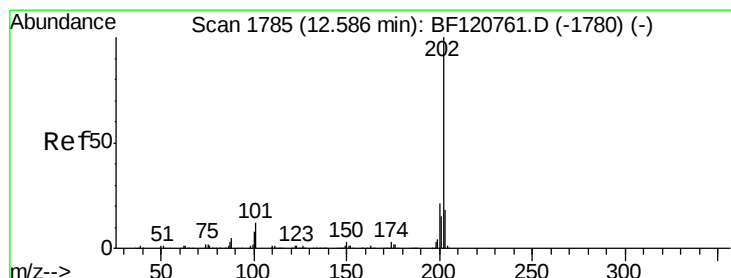
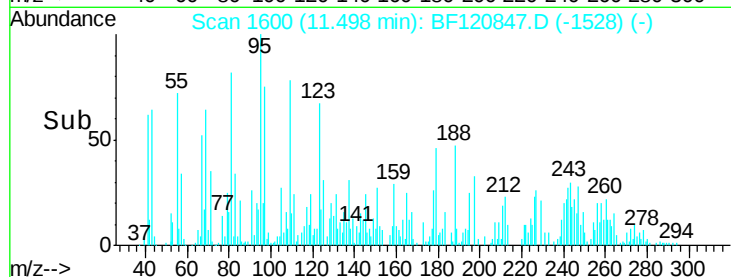
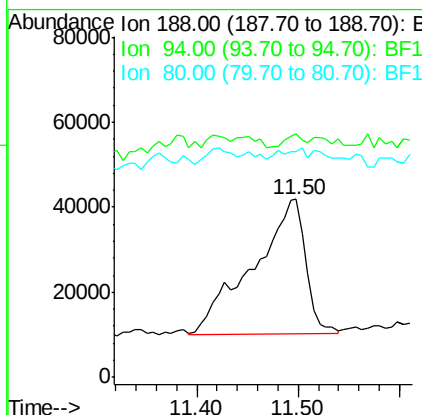
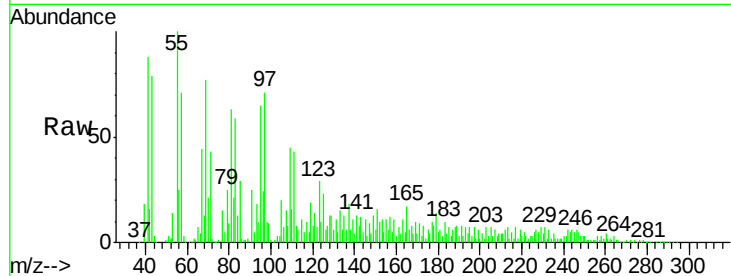
ClientSampled :

RBR-07

Tot Ion:	188	Resp:	114512
Ion Ratio	Lower	Upper	
188	100		
94	136.5	6.6	9.8#
80	126.9	6.6	10.0#

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#75

Fluoranthene

Concen: 8.077 ng m

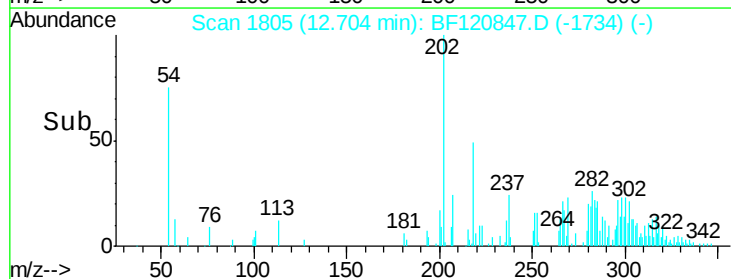
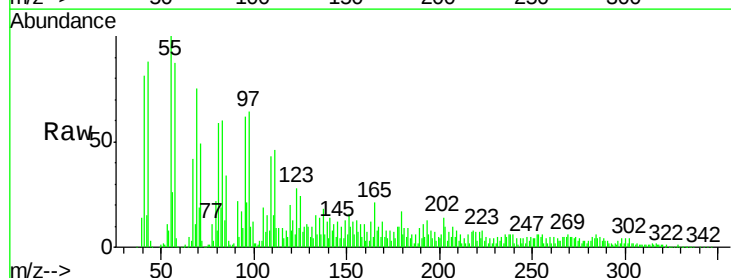
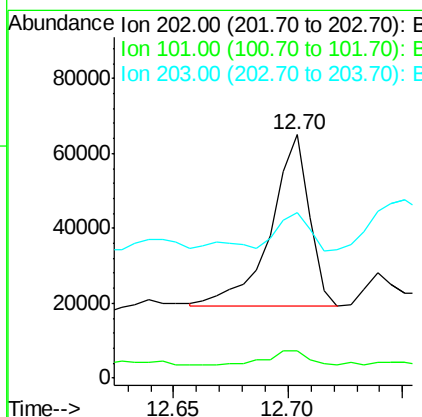
RT: 12.70 min Scan# 1805

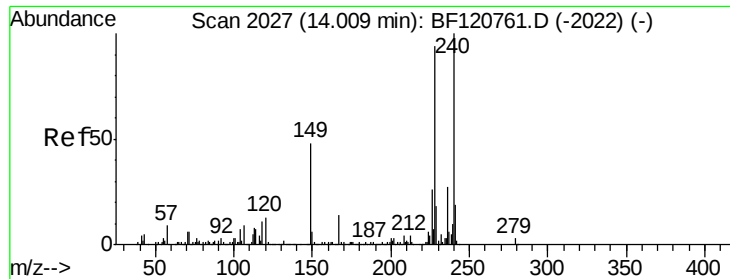
Delta R.T. 0.12 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Tgt Ion:	202	Resp:	53461
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.6
203	67.8	0.0	38.2#





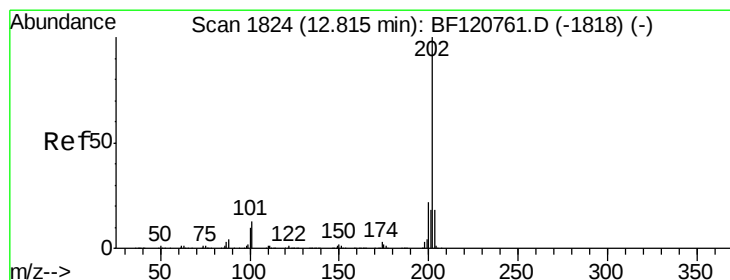
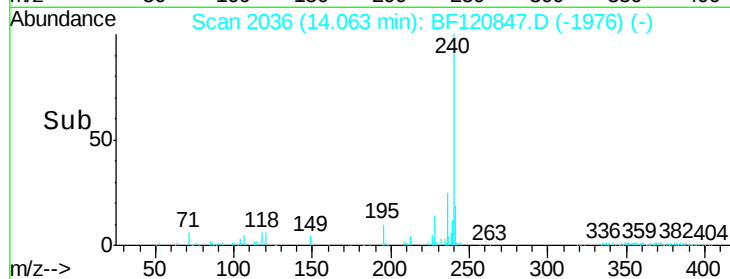
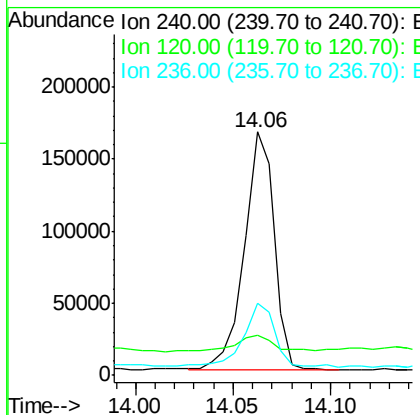
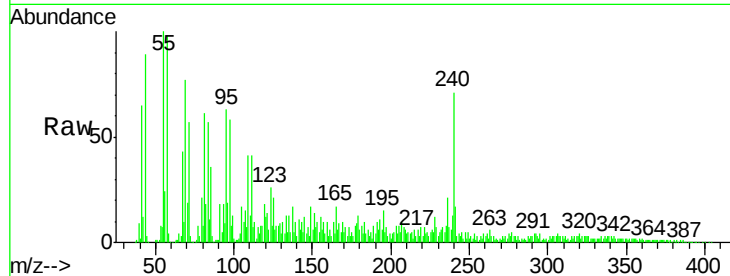
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.05 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Instrument :
BNA_F
ClientSampleId :
RBR-07

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.6	10.3	15.5#
236	29.5	21.4	32.2

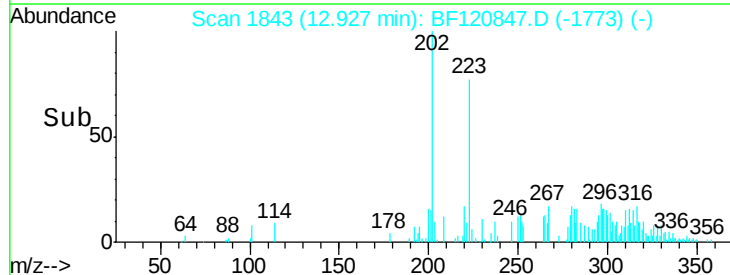
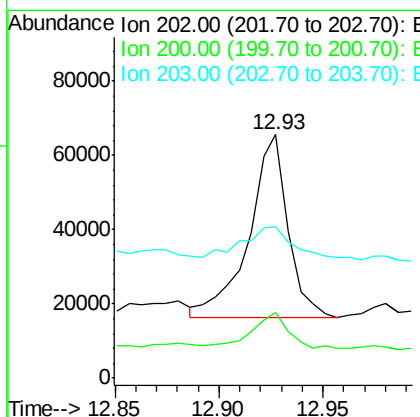
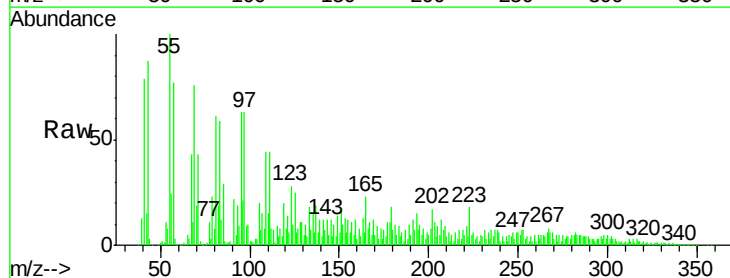
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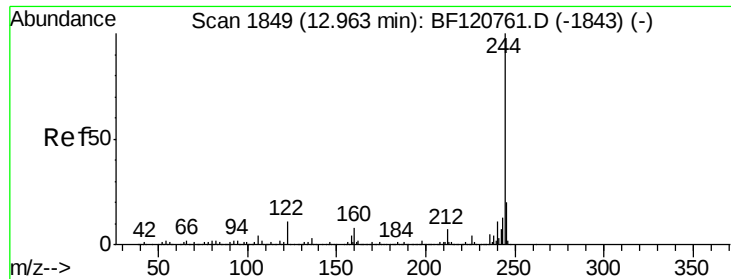
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#78
Pyrene
Concen: 4.554 ng m
RT: 12.93 min Scan# 1843
Delta R.T. 0.11 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	27.0	17.3	25.9#
203	62.4	14.6	22.0#





#79

Terphenyl-d14

Concen: 23.235 ng

RT: 13.04 min Scan# 1863

Delta R.T. 0.08 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Instrument :

BNA_F

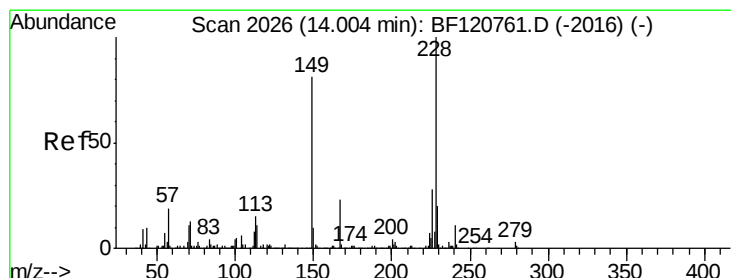
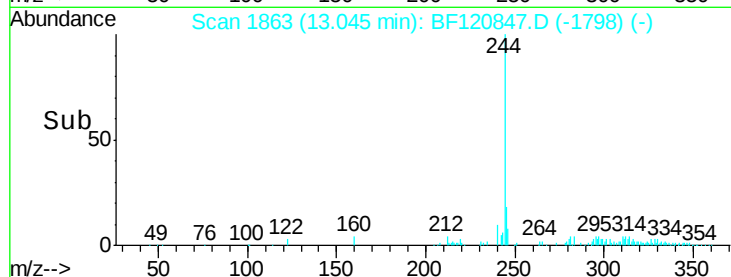
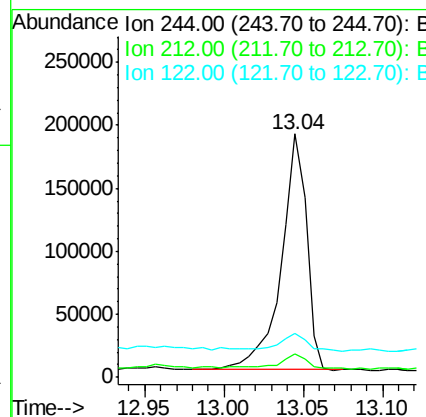
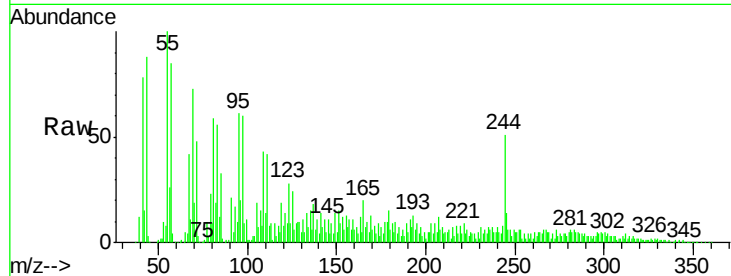
ClientSampled :

RBR-07

Tot Ion:	244	Resp:	208267
Ion Ratio	Lower	Upper	
244	100		
212	9.4	5.6	8.4#
122	17.9	9.0	13.4#

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#81

Benzo(a)anthracene

Concen: 5.267 ng

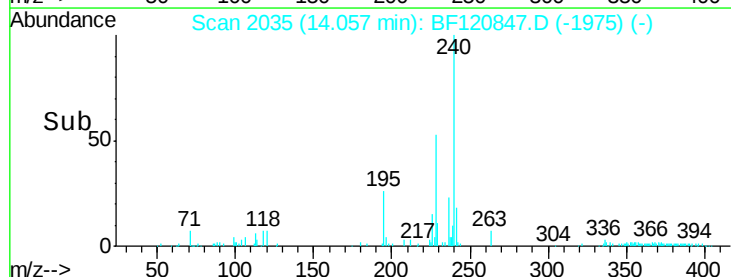
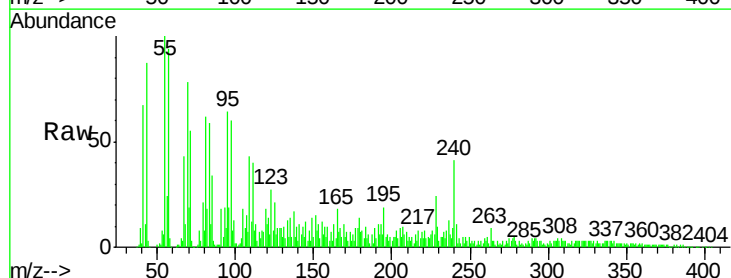
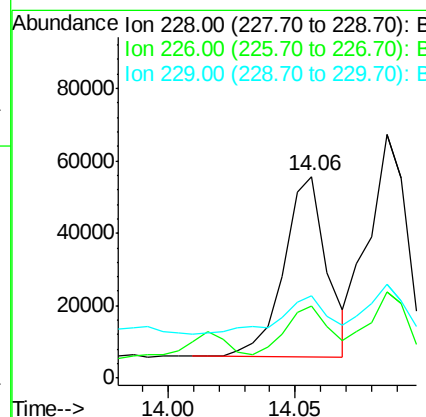
RT: 14.06 min Scan# 2035

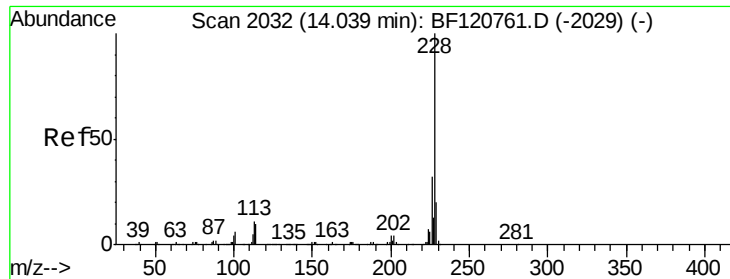
Delta R.T. 0.05 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Tgt Ion:	228	Resp:	59249
Ion Ratio	Lower	Upper	
228	100		
226	35.7	22.6	33.8#
229	40.7	15.8	23.6#





#83

Chrvsene

Concen: 5.797 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.05 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Instrument :

BNA_F

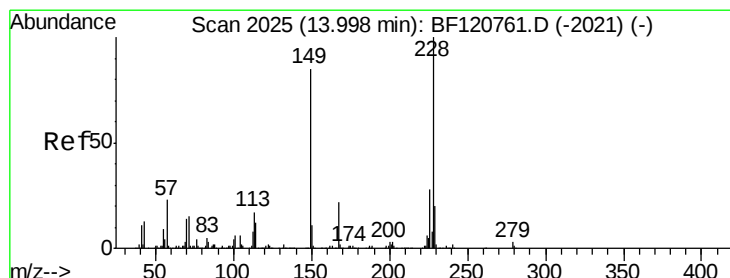
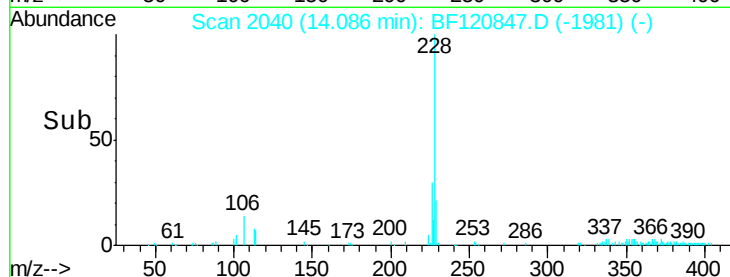
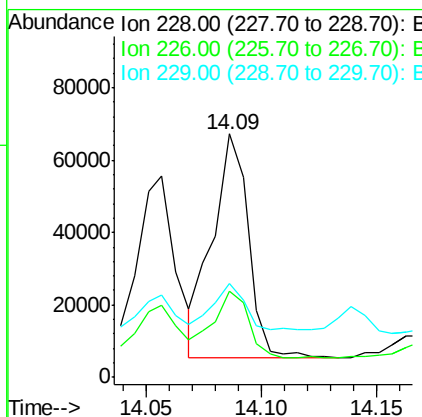
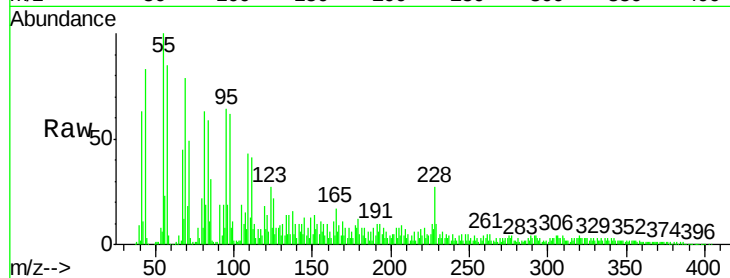
ClientSampled :

RBR-07

Tot Ion:	228	Resp:	66524
Ion Ratio	Lower	Upper	
228	100		
226	35.6	25.7	38.5
229	38.4	16.3	24.5#

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#84

Bis(2-ethylhexyl)phthalate

Concen: 2.069 ng m

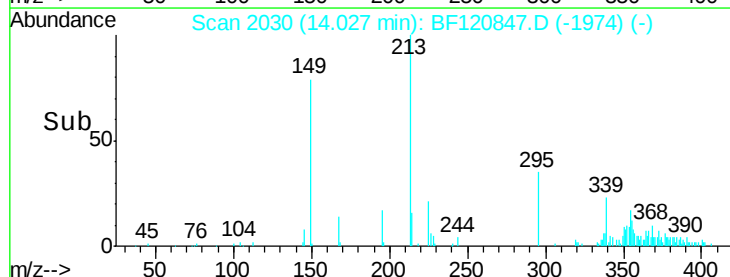
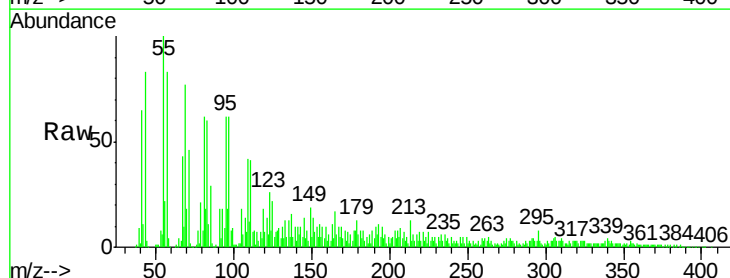
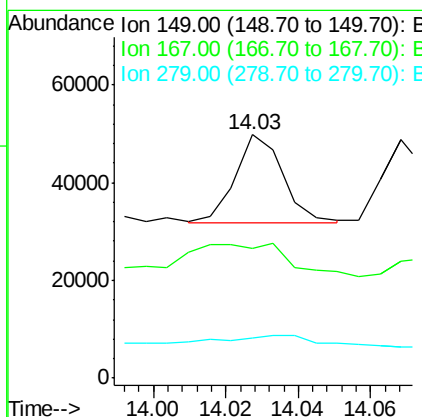
RT: 14.03 min Scan# 2030

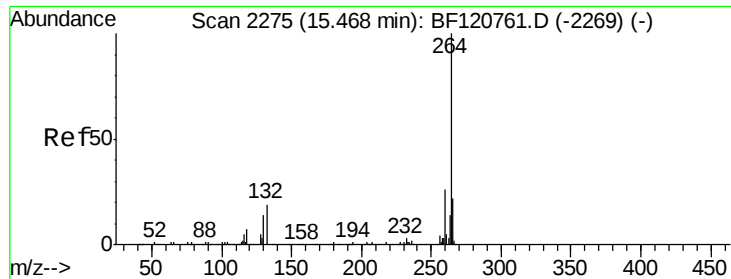
Delta R.T. 0.03 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Tgt Ion:	149	Resp:	16421
Ion Ratio	Lower	Upper	
149	100		
167	53.4	20.9	31.3#
279	16.6	2.6	4.0#





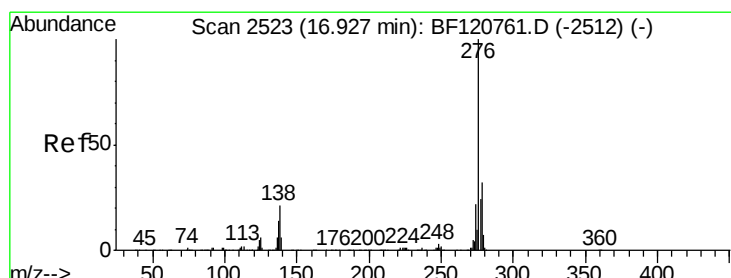
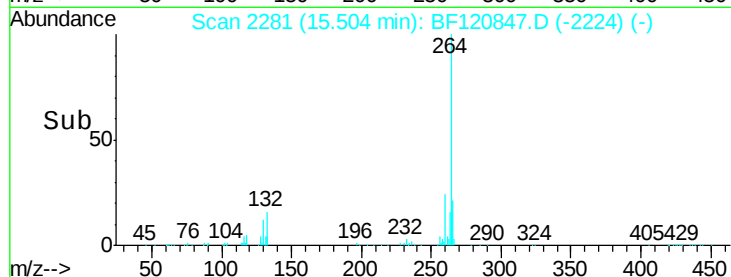
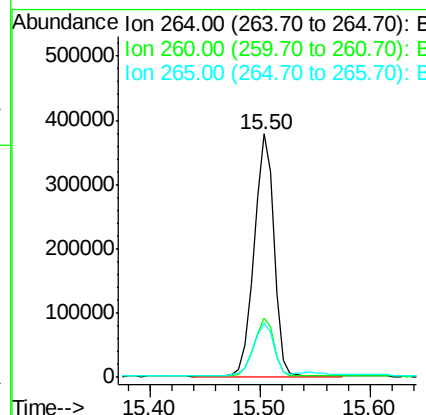
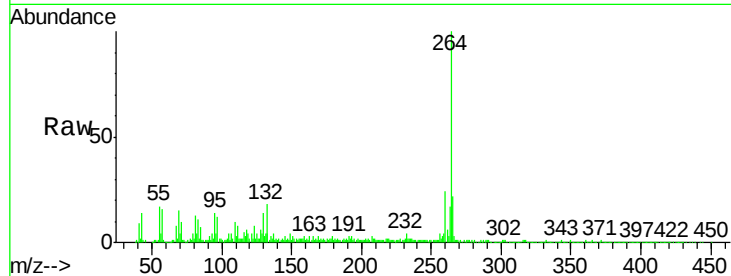
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.04 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Instrument :
BNA_F
ClientSampled :
RBR-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.6	30.8
265	22.4	17.6	26.4

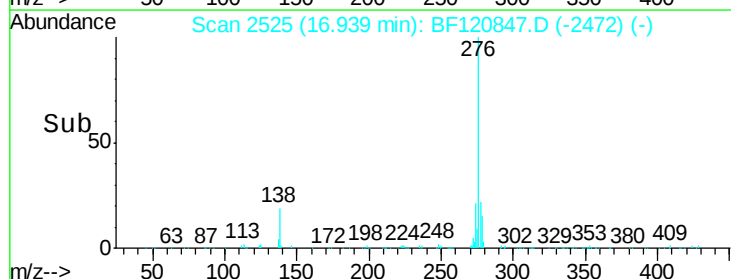
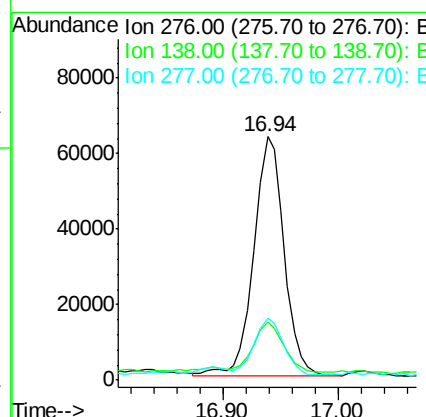
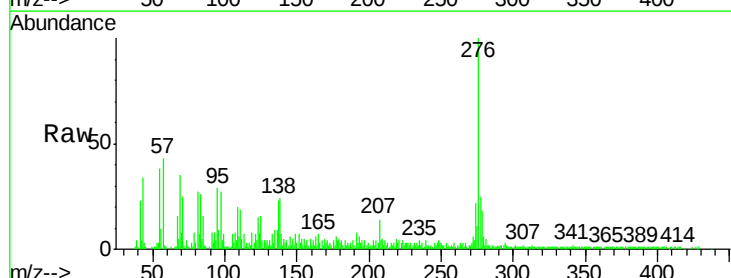
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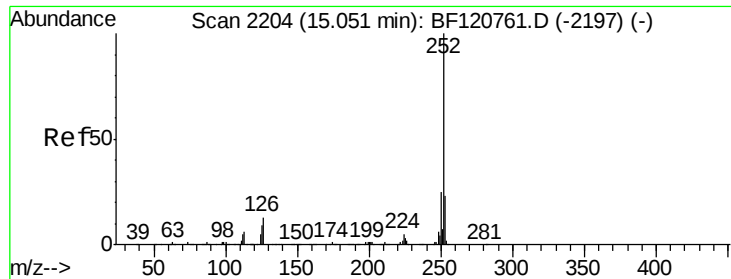
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.783 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	19.8	29.8
277	23.2	19.9	29.9





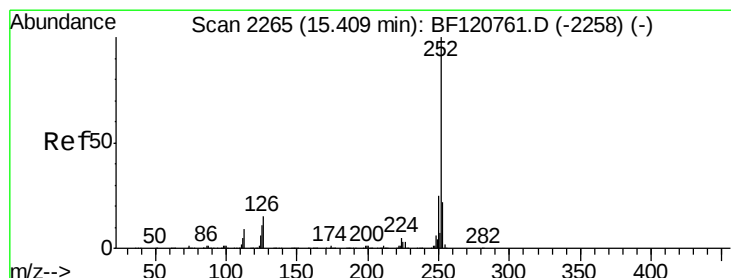
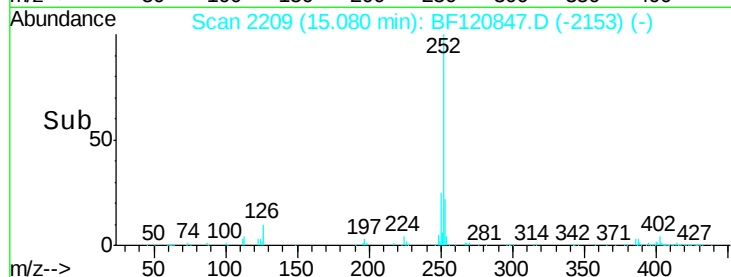
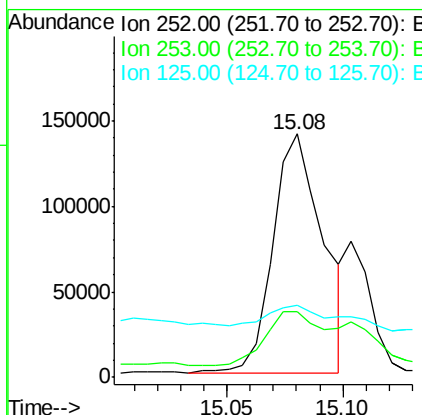
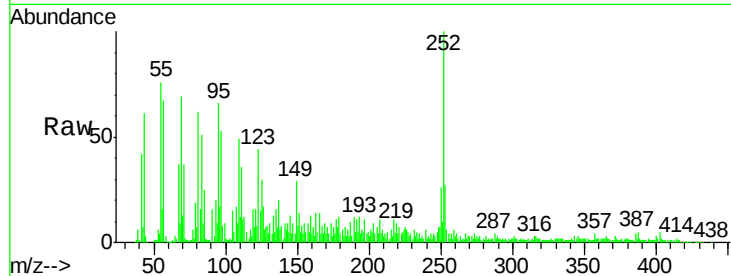
#88
Benzo(b)fluoranthene
Concen: 6.708 ng/mL
RT: 15.08 min Scan# 2209
Delta R.T. 0.03 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Instrument :
BNA_F
ClientSampleId :
RBR-07

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.0	27.0
125	29.8	7.5	11.3

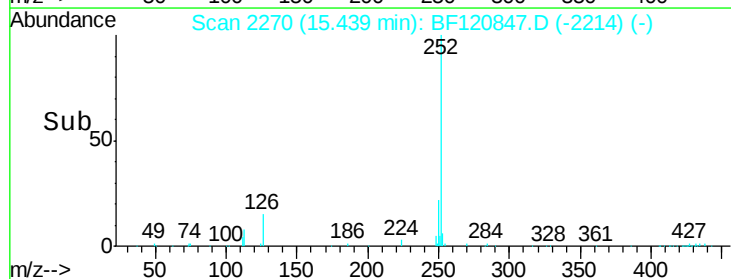
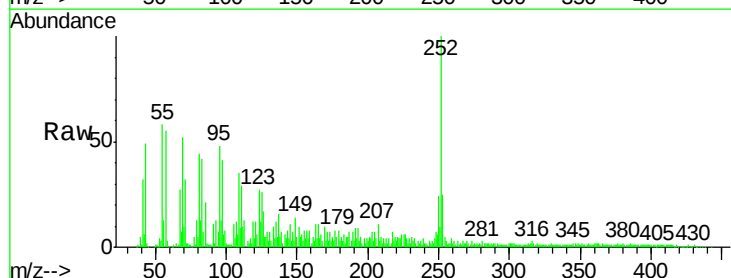
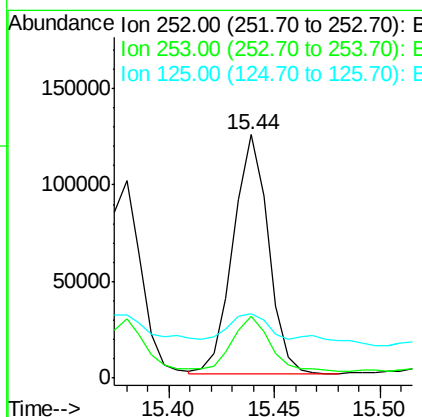
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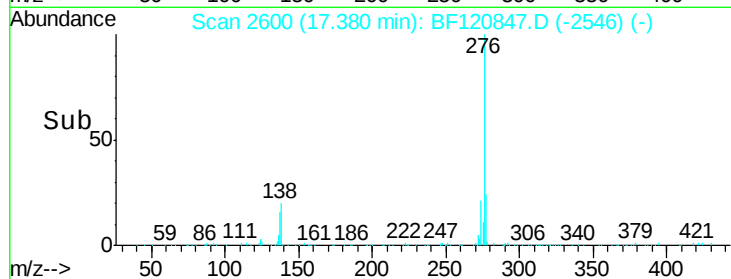
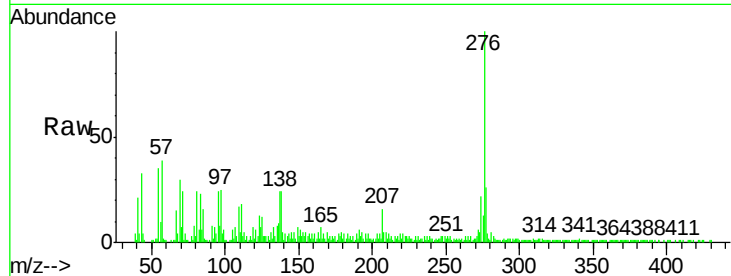
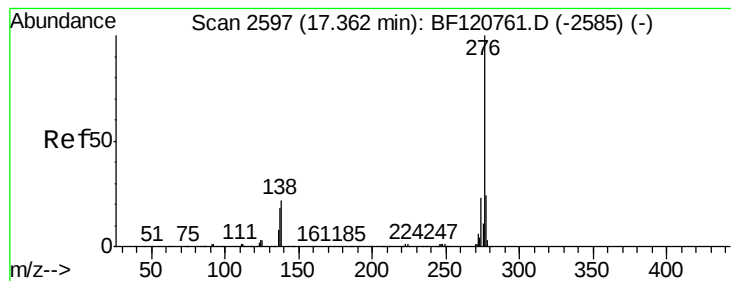
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#90
Benzo(a)pyrene
Concen: 5.159 ng/mL
RT: 15.44 min Scan# 2270
Delta R.T. 0.03 min
Lab File: BF120847.D
Acq: 10 Jul 2020 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	26.2	9.2	13.8





#92

Benzo(a,h,i)perylene

Concen: 4.870 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.02 min

Lab File: BF120847.D

Acq: 10 Jul 2020 23:02

Instrument :

BNA_F

ClientSampleId :

RBR-07

Tot Ion:	276	Resp:	113353
Ion Ratio	Lower	Upper	
276	100		
277	26.0	18.8	28.2
138	23.8	17.4	26.2

Manual Integrations
APPROVED

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