

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121663.D
 Acq On : 23 Sep 2020 3:04
 Operator : JU/CG
 Sample : L4104-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Manual Integrations
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mohammad
 9/23/2020 10:43:35 AM

Quant Time: Sep 23 07:11:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	161476	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	630088	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	316182	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	524893	20.00	ng	0.00
76) Chrysene-d12	13.97	240	308830	20.00	ng	-0.01
86) Perylene-d12	15.43	264	314627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	770868	70.95	ng	0.00
7) Phenol-d6	6.45	99	1005420	70.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	686321	58.48	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	283239	72.08	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1204974	57.72	ng	0.00
79) Terphenyl-d14	12.92	244	898632	58.95	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	198780	8.674	ng	100
71) Phenanthrene	11.36	178	98656	3.450	ng	98
75) Fluoranthene	12.54	202	143517	4.701	ng	98
78) Pyrene	12.77	202	135241	5.994	ng	98
81) Benzo(a)anthracene	13.96	228	70978	3.633	ng	97
83) Chrysene	14.00	228	69983	3.537	ng	95
87) Indeno(1,2,3-cd)pyrene	16.87	276	82475	4.025	ng	97
88) Benzo(b)fluoranthene	15.00	252	105006m	4.992	ng	
90) Benzo(a)pyrene	15.36	252	92154	5.154	ng	# 93
92) Benzo(g,h,i)perylene	17.30	276	86094	5.135	ng	98

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

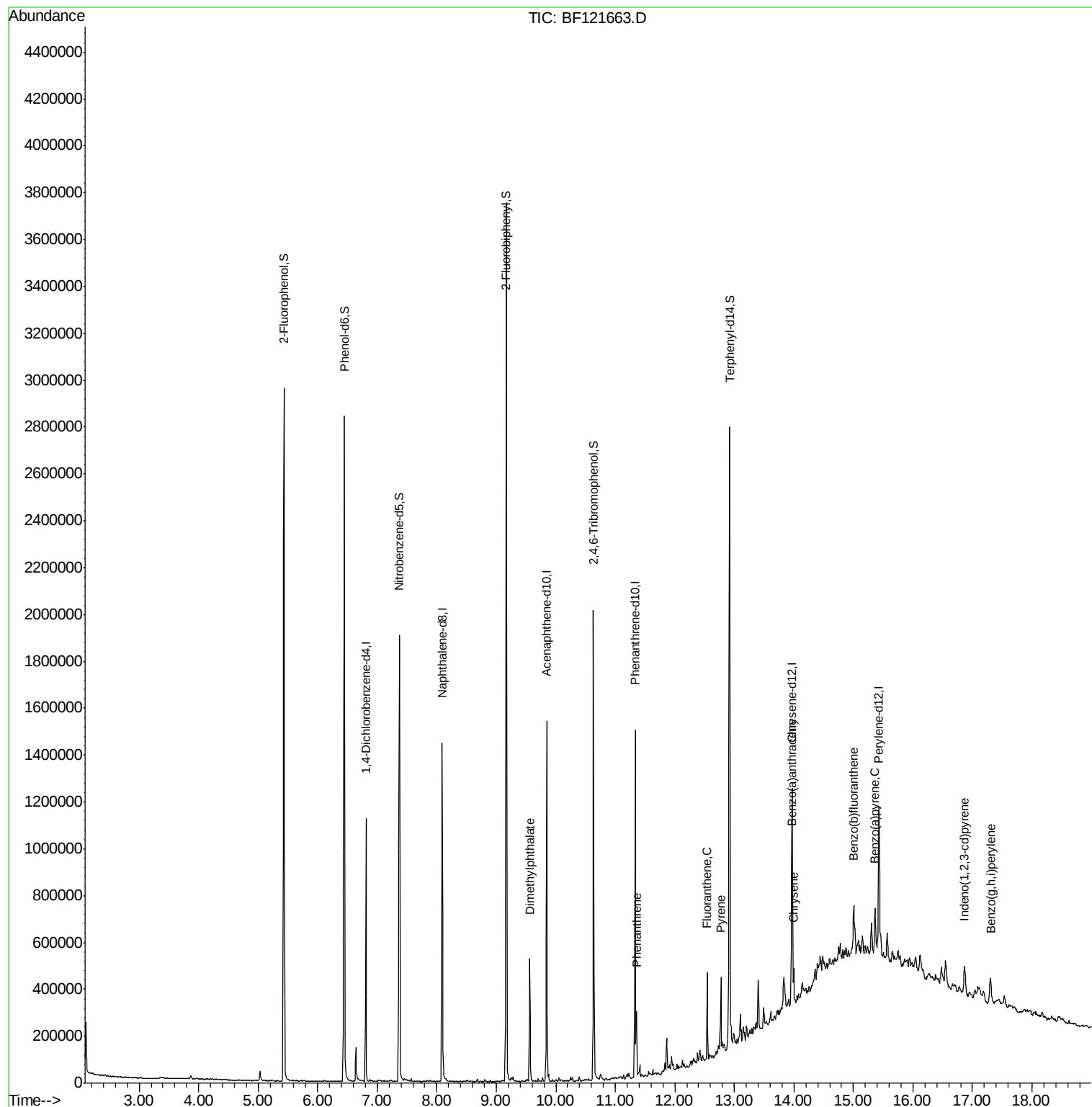
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121663.D
Acq On : 23 Sep 2020 3:04
Operator : JU/CG
Sample : L4104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

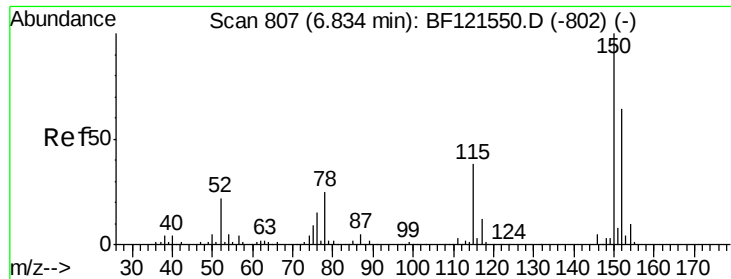
Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Manual Integrations
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Quant Time: Sep 23 07:11:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

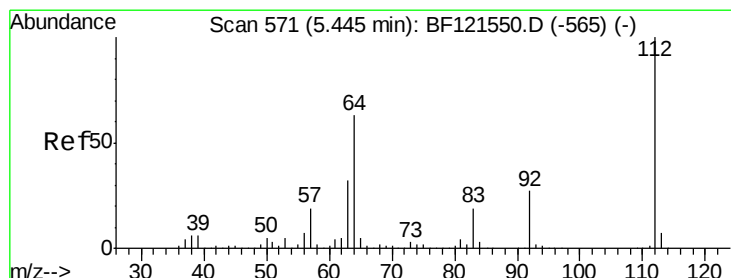
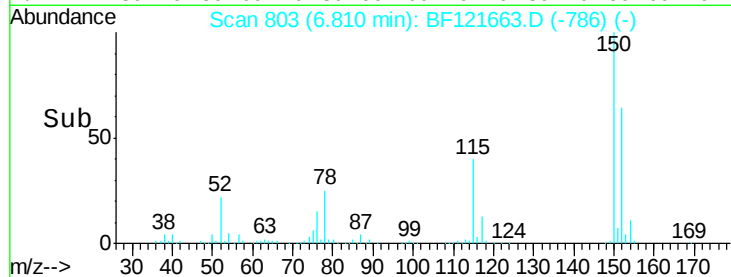
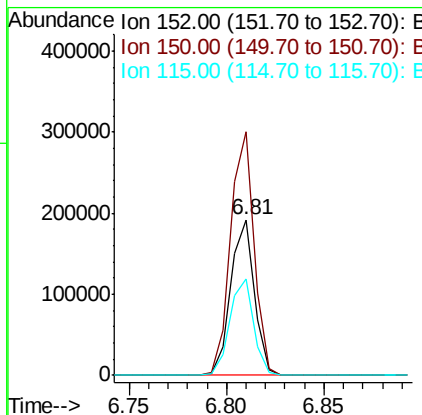
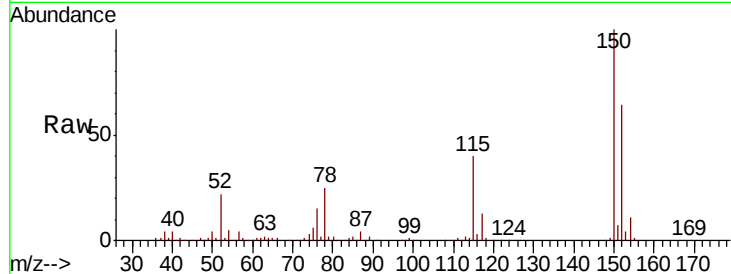
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.1	192.1
115	62.2	52.6	79.0

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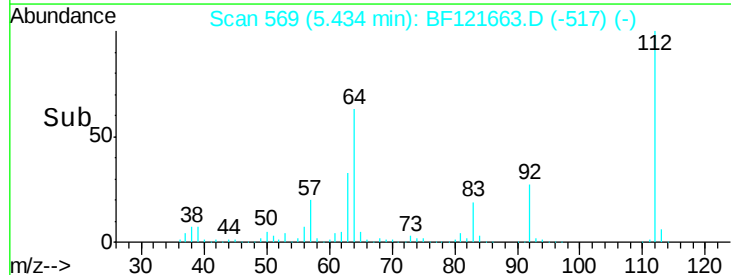
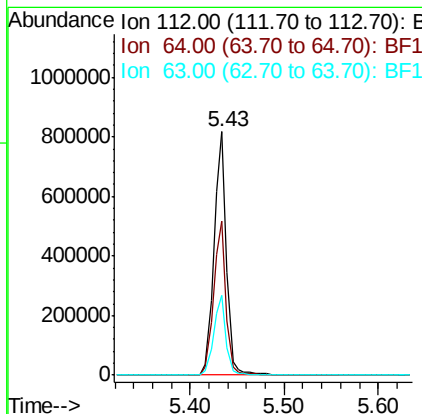
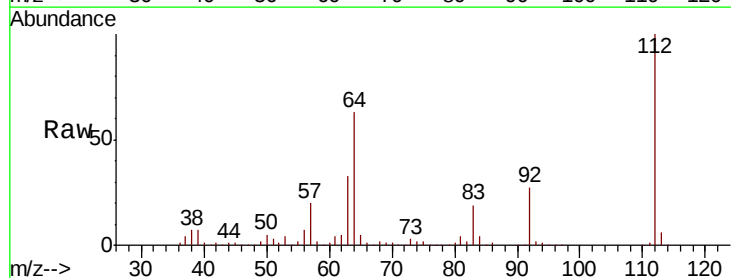
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#5

2-Fluorophenol
Concen: 70.946 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.2	78.2
63	32.7	26.6	39.8





#7

Phenol-d6

Concen: 70.531 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121663.D

Acq: 23 Sep 2020 3:04

Instrument :

BNA_F

ClientSampleId :

PAV-B29-092120-0-10

Tot Ion: 99 Resp: 1005420

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

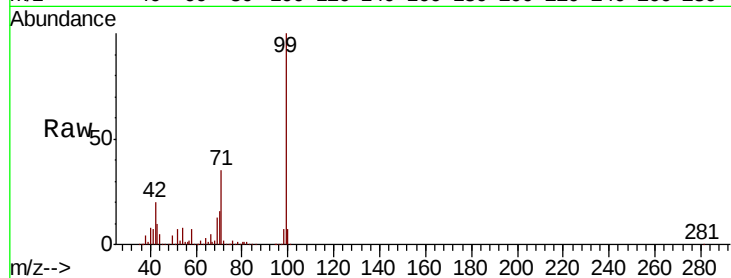
71 35.3 27.4 41.2

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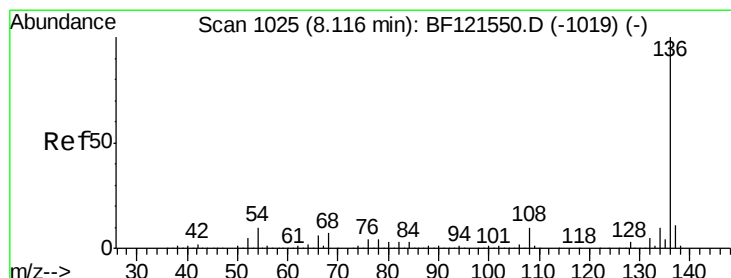
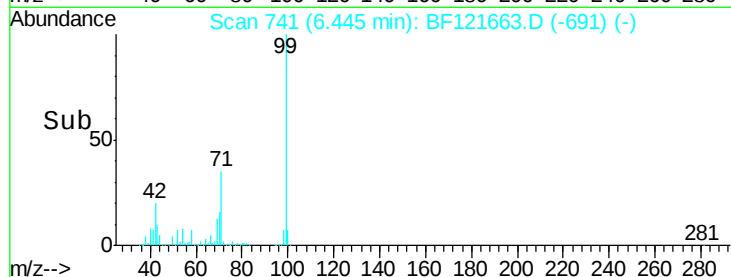
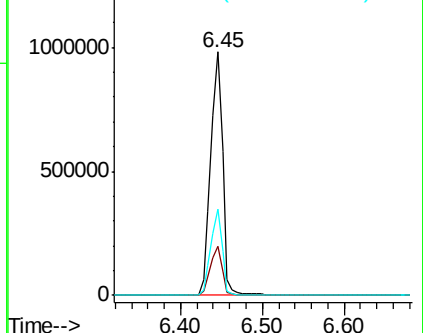
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121663.D

Acq: 23 Sep 2020 3:04

Tgt Ion: 136 Resp: 630088

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 7.4 11.0

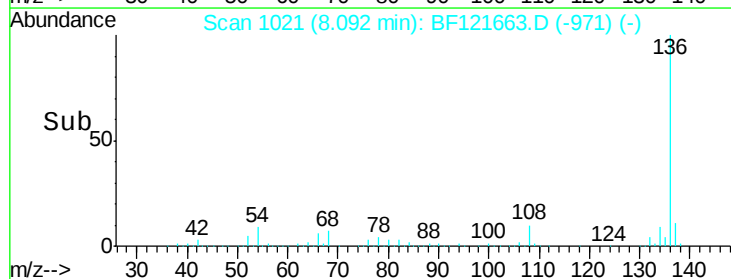
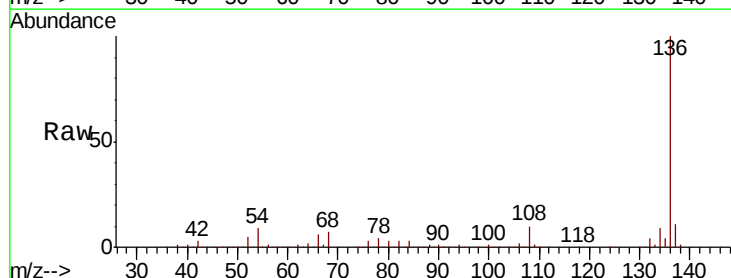
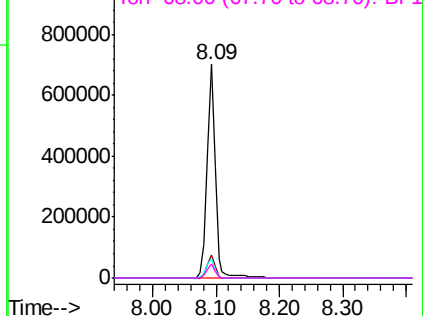
68 6.7 5.3 7.9

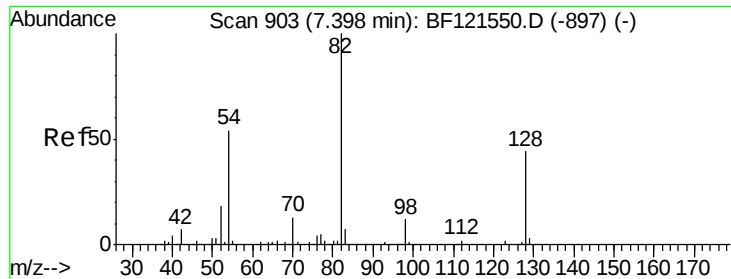
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





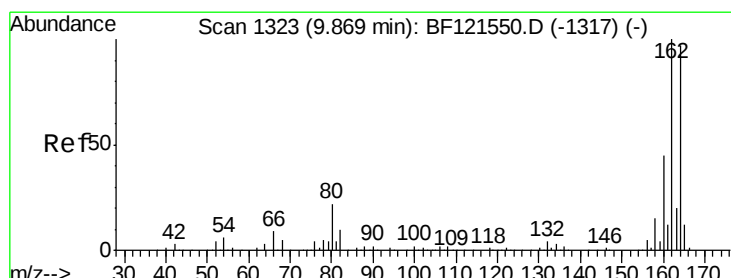
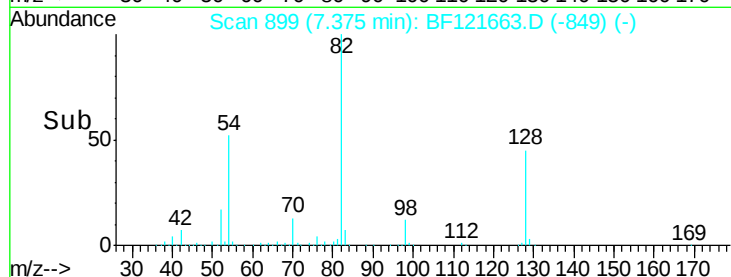
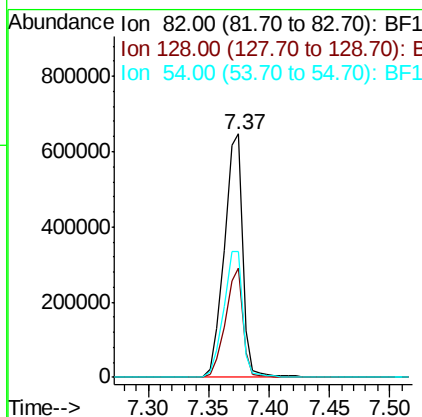
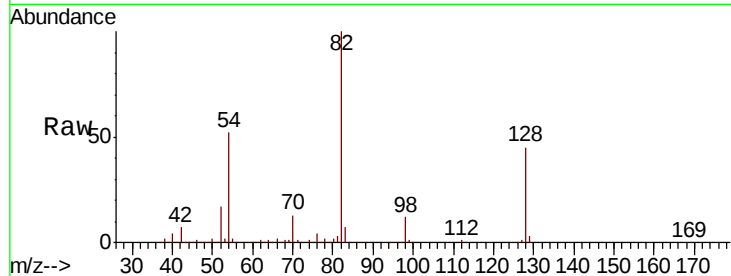
#23
 Nitrobenzene-d5
 Concen: 58.484 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.9	50.9
54	51.9	42.9	64.3

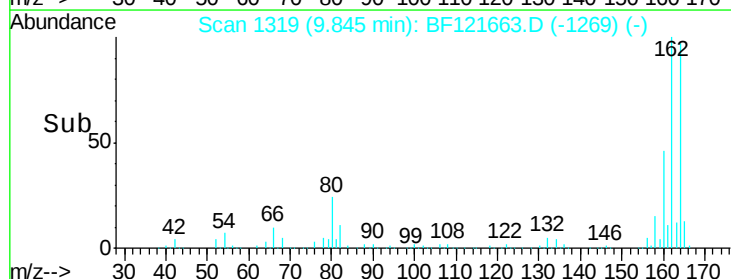
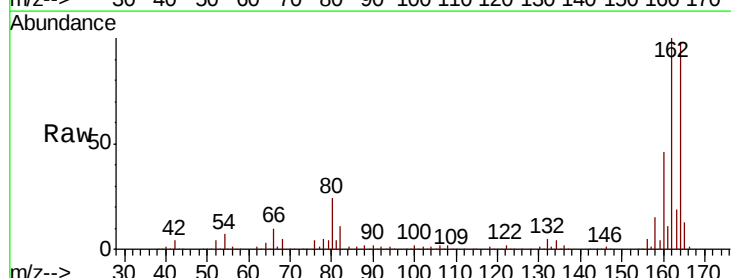
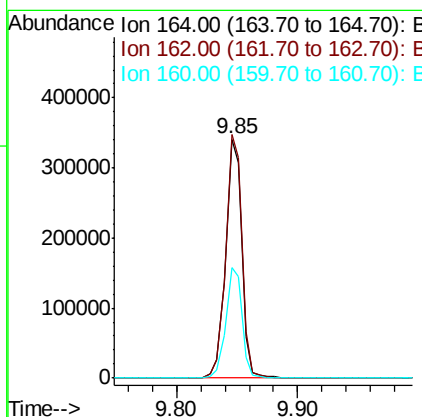
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	46.5	36.2	54.4





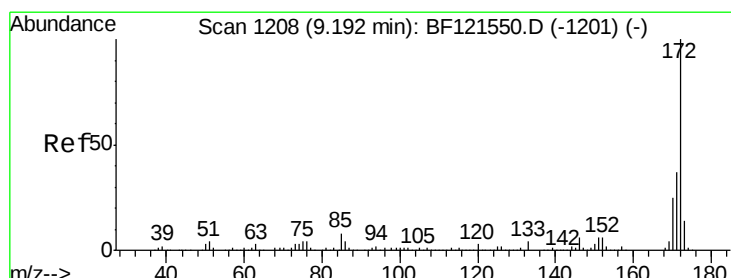
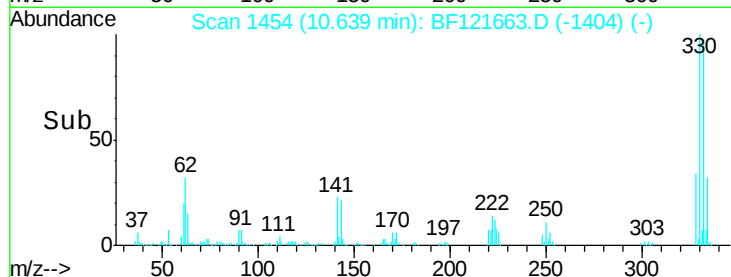
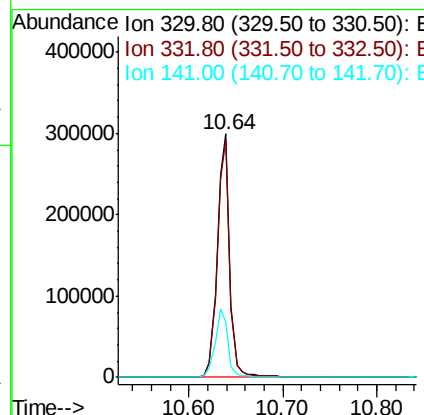
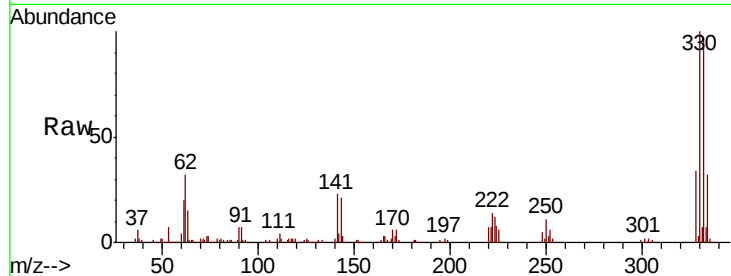
#42
 2,4,6-Tribromophenol
 Concen: 72.076 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	283239		
332	96.4	76.9	115.3	
141	29.1	22.4	33.6	

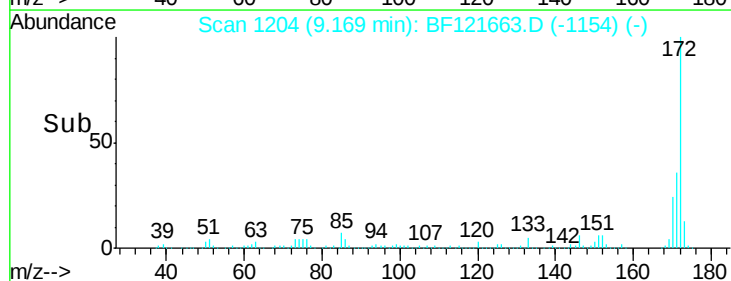
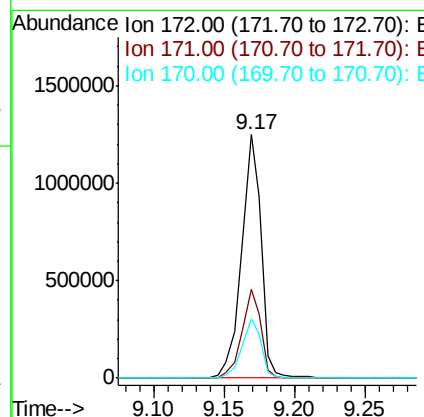
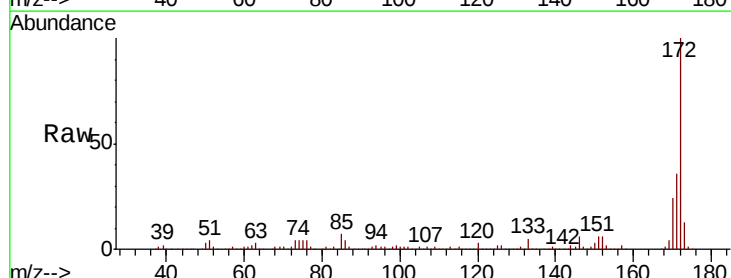
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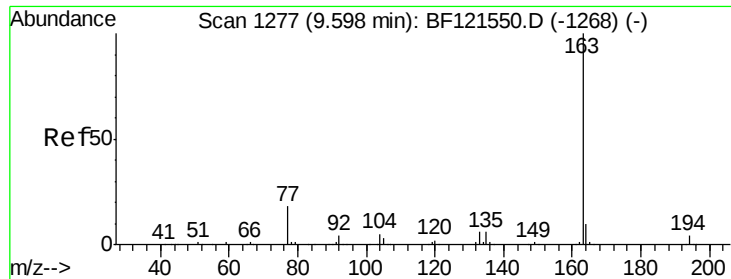
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#45
 2-Fluorobiphenyl
 Concen: 57.719 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1204974		
171	36.3	29.3	43.9	
170	24.2	19.5	29.3	





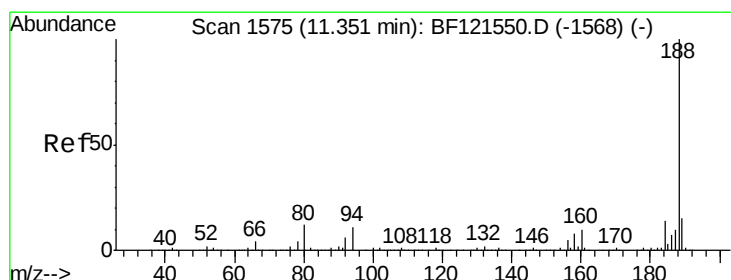
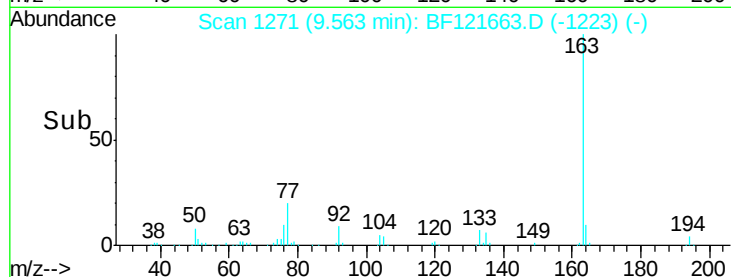
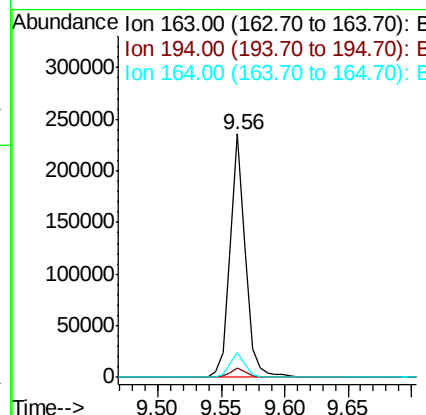
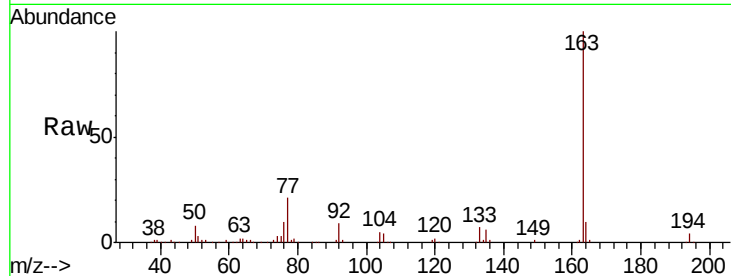
#50
Dimethylphthalate
Concen: 8.674 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion	Ratio	Resp	Lower	Upper
163	100	198780		
194	4.1		3.3	4.9
164	10.1		8.0	12.0

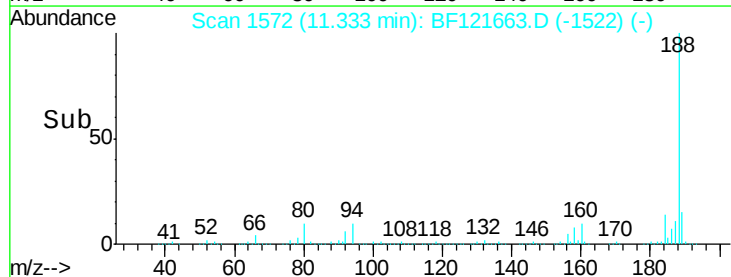
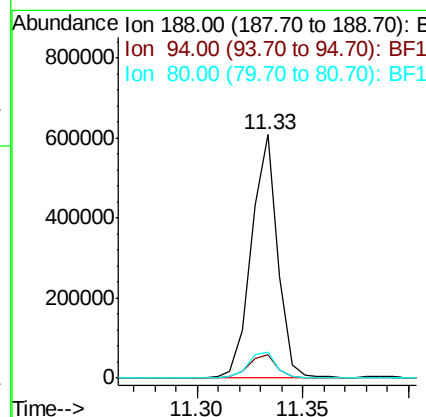
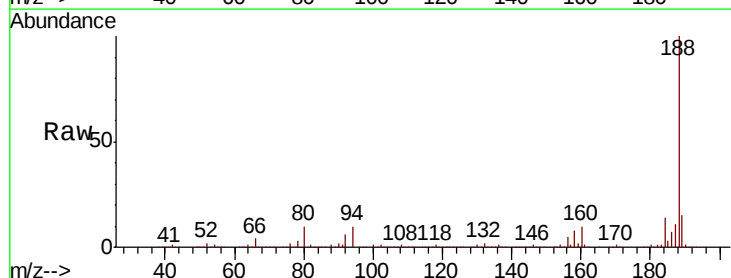
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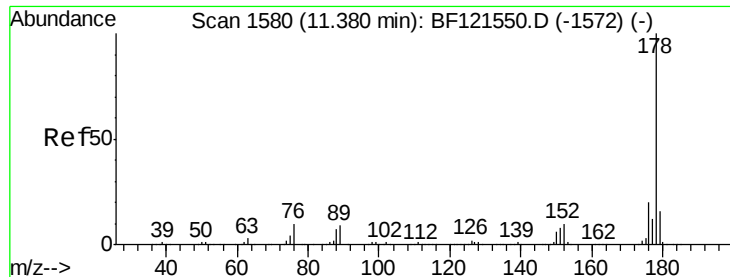
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	524893		
94	9.8		8.4	12.6
80	10.5		9.0	13.4





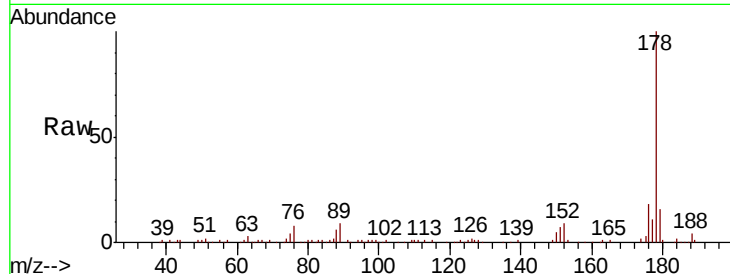
#71
Phenanthrene
Concen: 3.450 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.9	23.9
179	15.7	12.6	18.8

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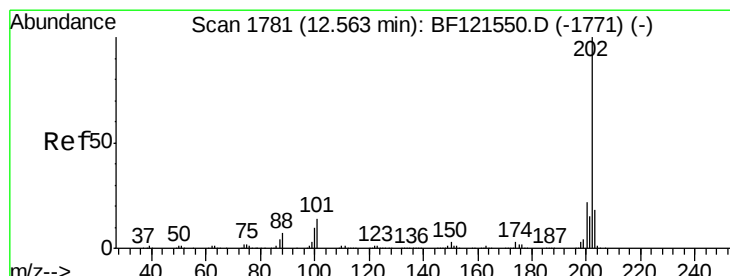
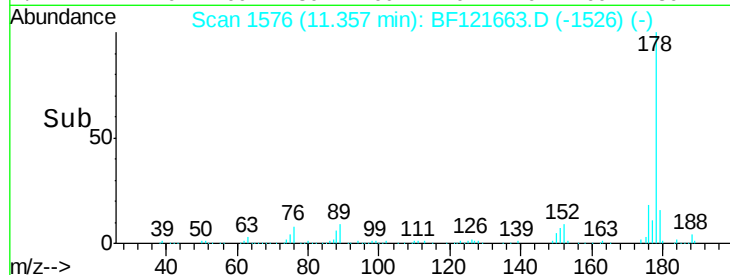
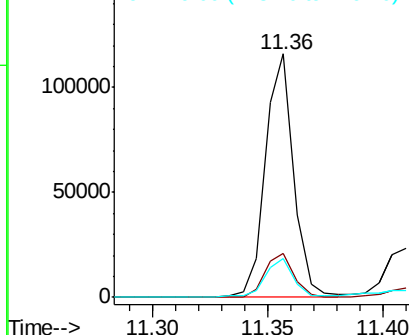


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 4.701 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

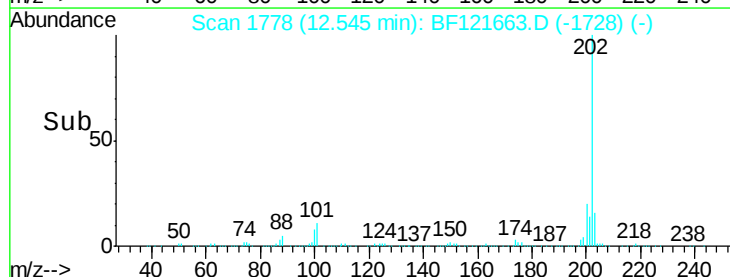
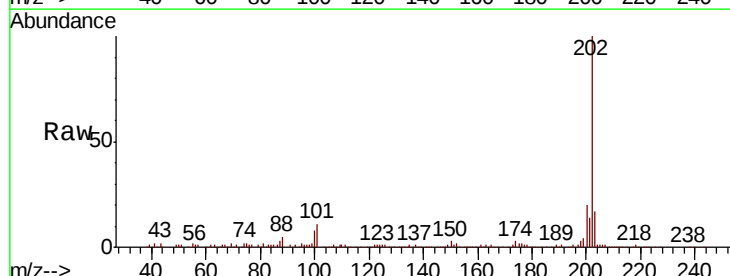
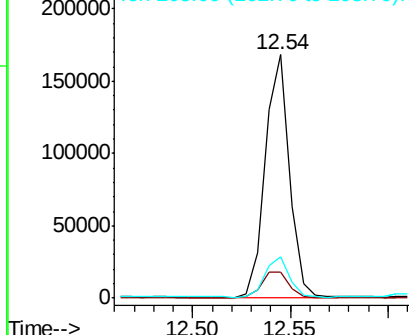
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.9
203	16.8	0.0	37.8

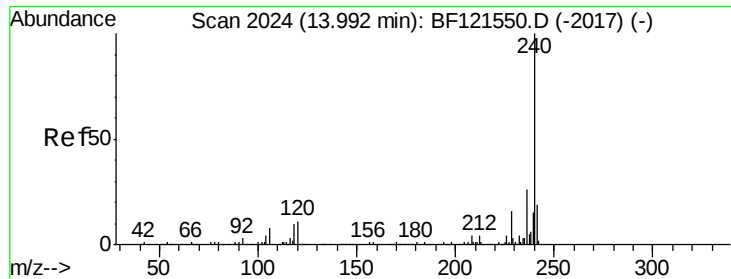
Abundance

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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF121663.D

Acq: 23 Sep 2020 3:04

Instrument :

BNA_F

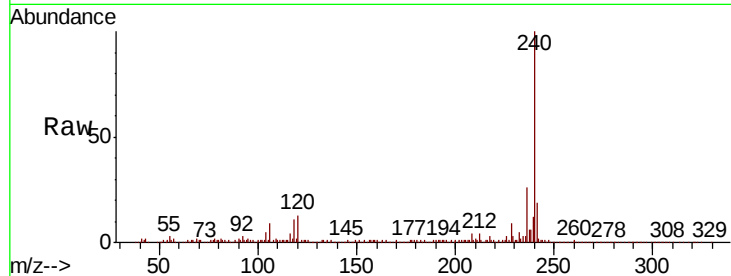
ClientSampleId :

PAV-B29-092120-0-10

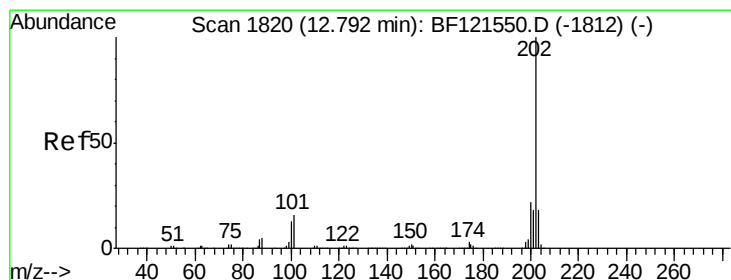
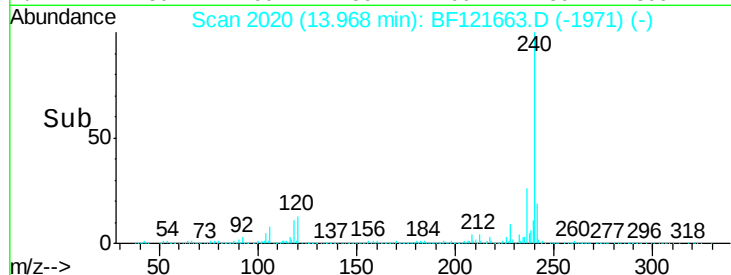
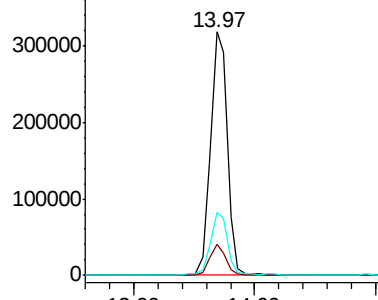
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.2	13.8
236	26.0	20.4	30.6

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 5.994 ng

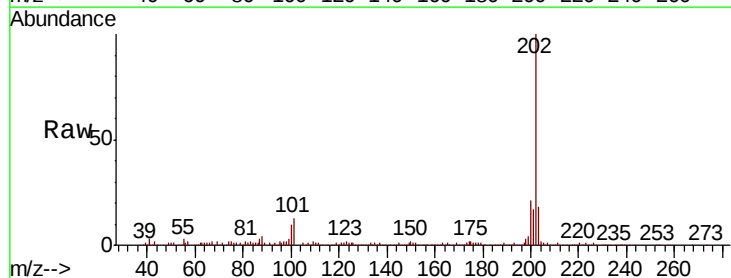
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

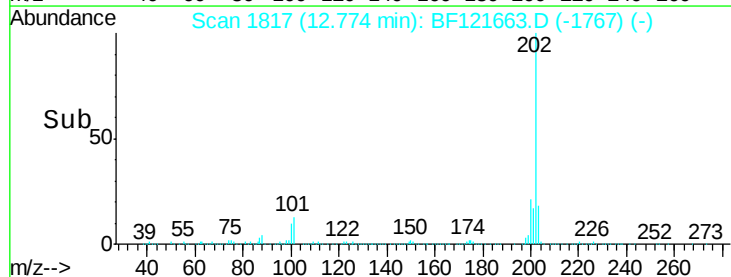
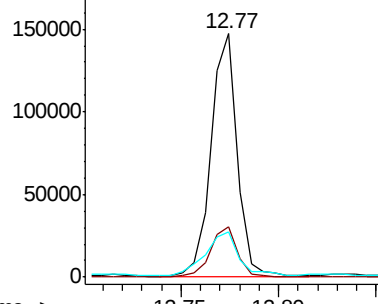
Lab File: BF121663.D

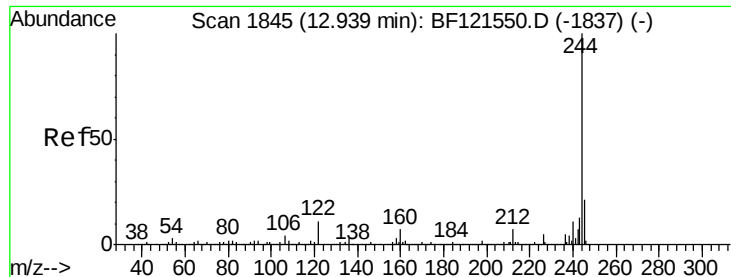
Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	18.5	14.4	21.6



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





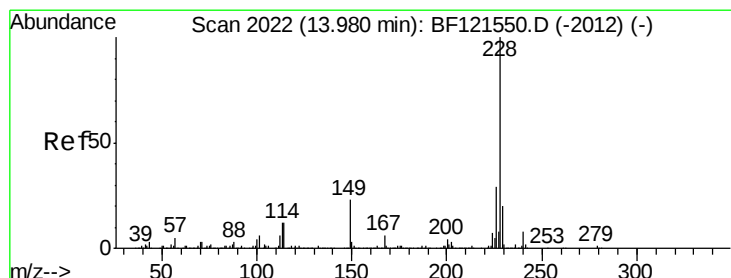
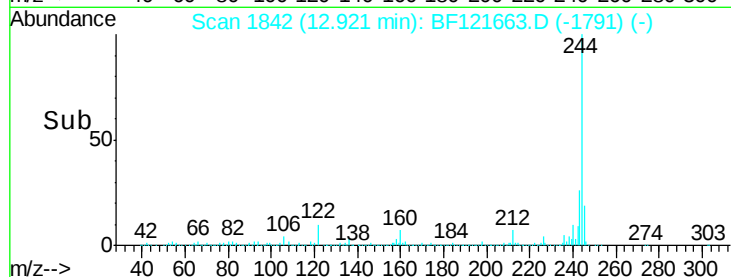
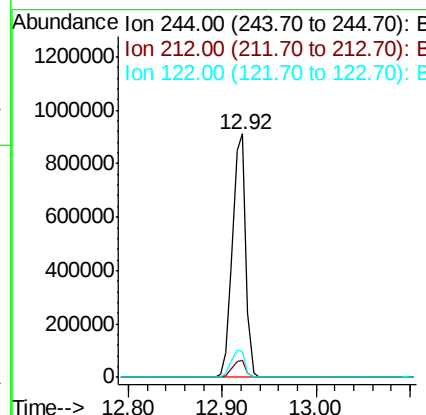
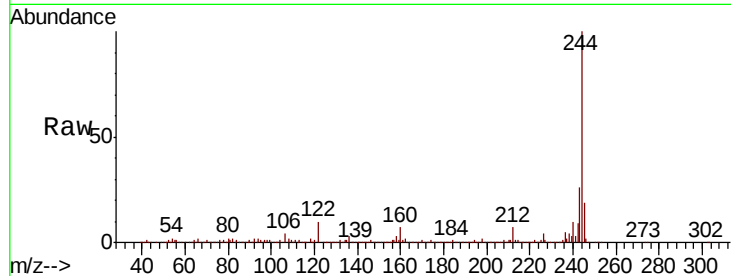
#79
 Terphenyl-d14
 Concen: 58.950 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	10.4	7.4	11.0

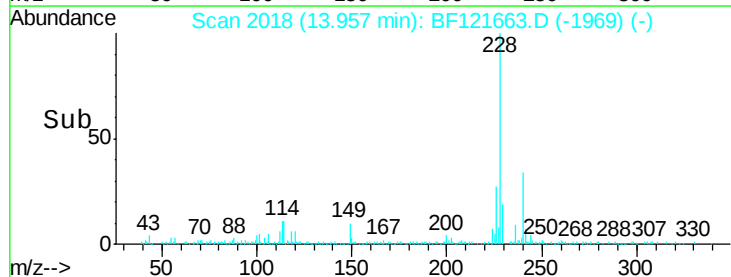
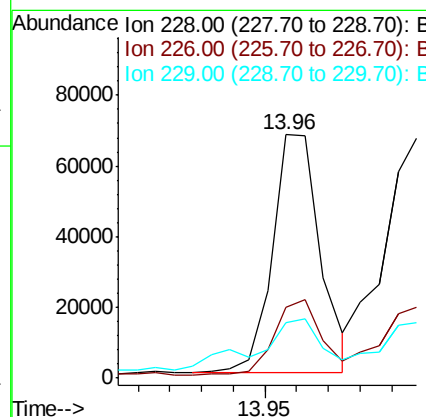
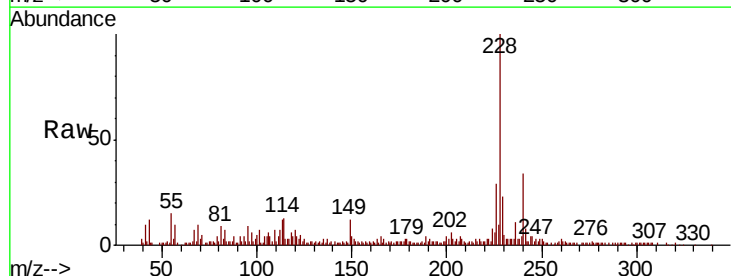
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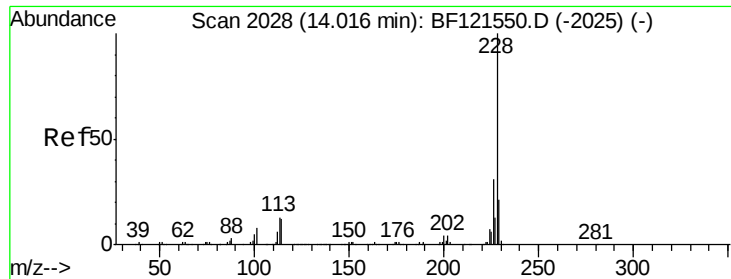
mohammad
 9/23/2020 10:43:35 AM



#81
 Benzo(a)anthracene
 Concen: 3.633 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	22.6	16.2	24.2





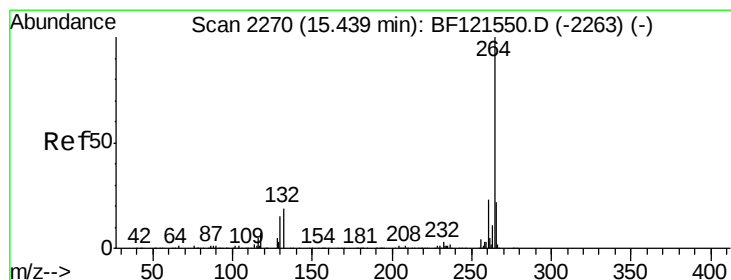
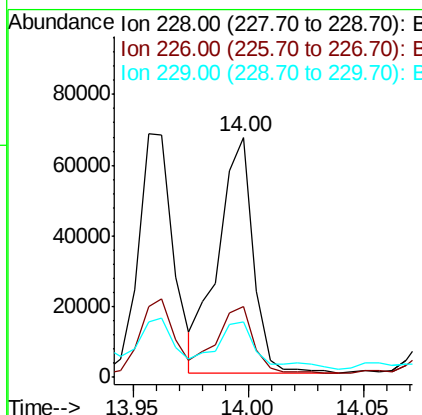
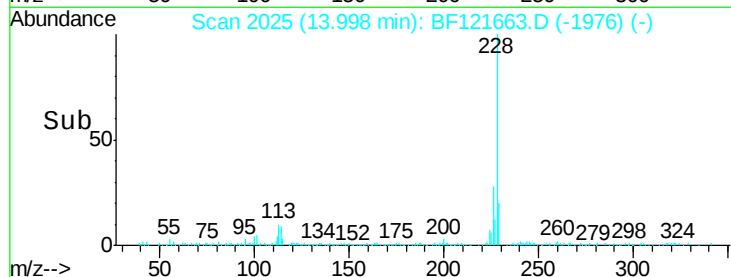
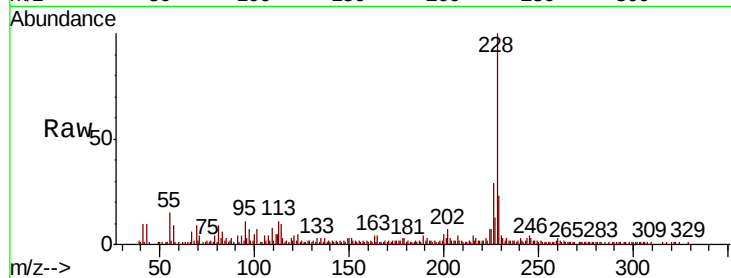
#83
Chrysene
Concen: 3.537 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion:	228	Resp:	69983
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.0	37.4
229	23.3	16.0	24.0

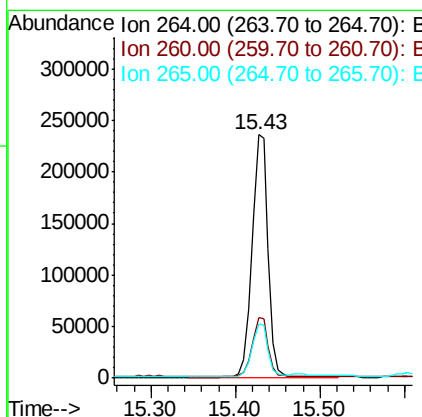
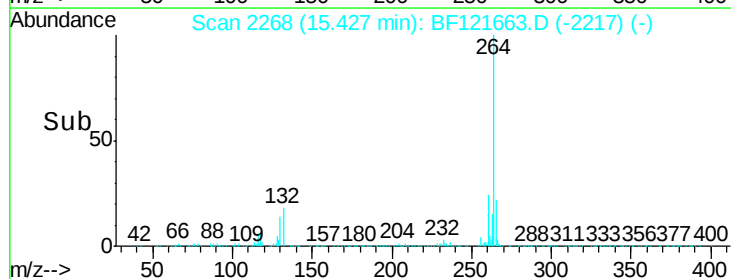
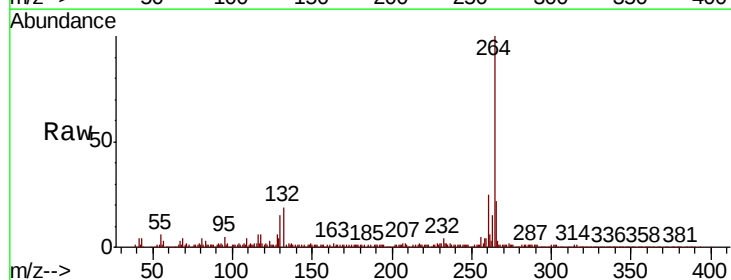
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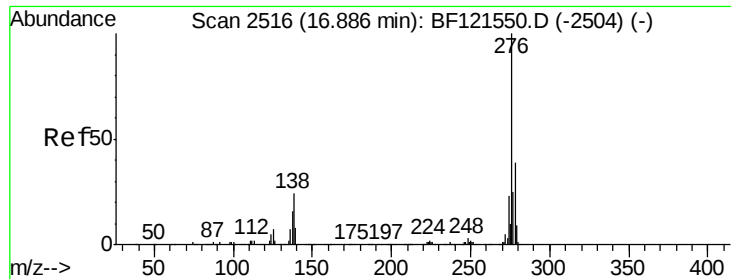
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Tgt Ion:	264	Resp:	314627
Ion Ratio	Lower	Upper	
264	100		
260	24.9	18.8	28.2
265	22.5	17.3	25.9





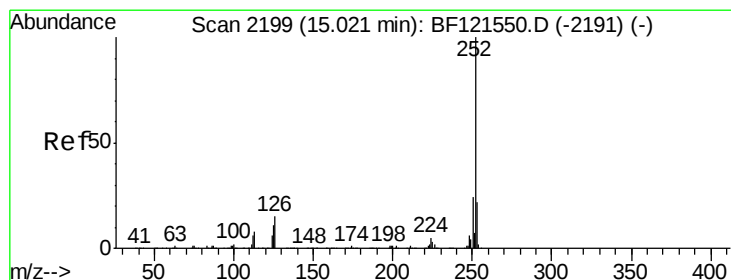
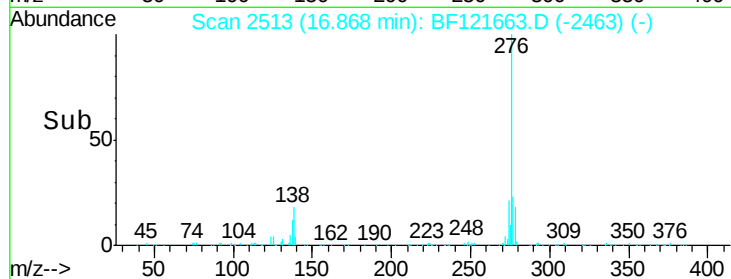
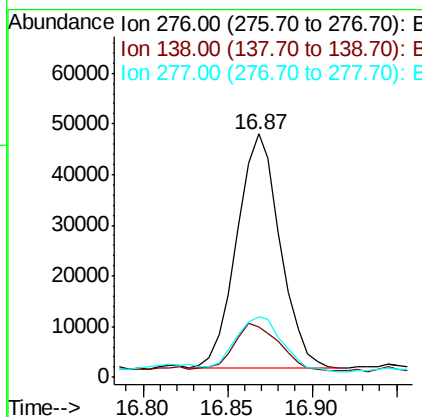
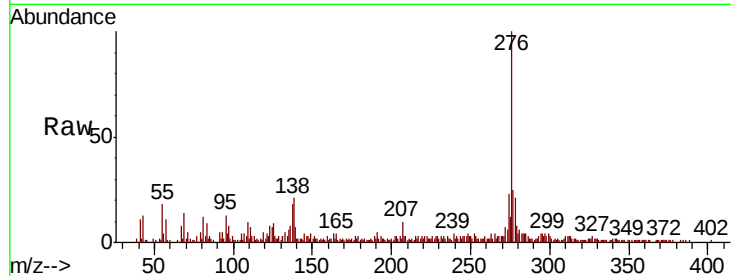
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.025 ng
 RT: 16.87 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.0	28.6
277	25.6	20.2	30.2

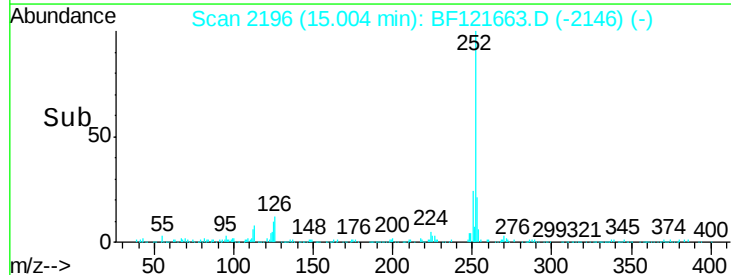
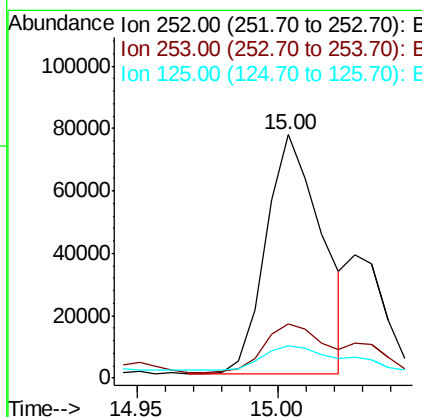
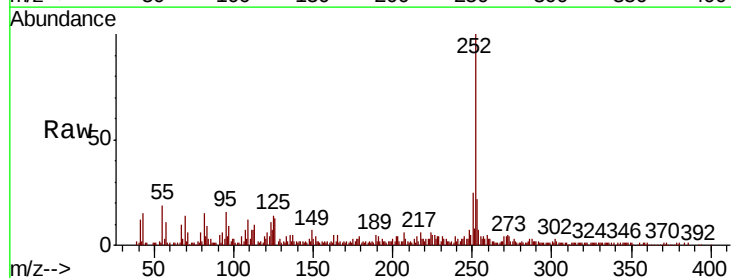
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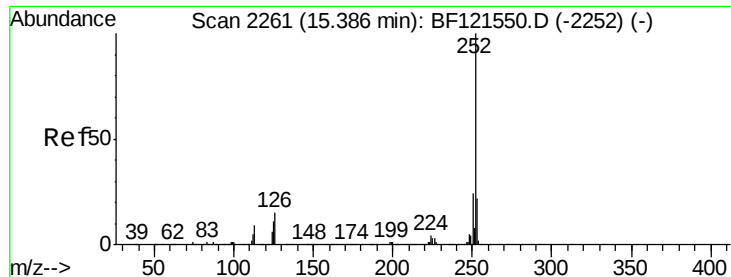
mohammad
 9/23/2020 10:43:35 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.992 ng m
 RT: 15.00 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BF121663.D
 Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	13.6	8.5	12.7#





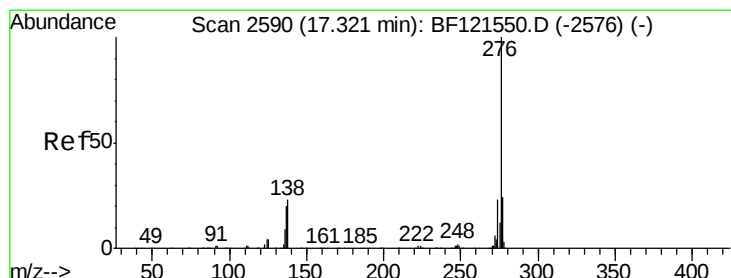
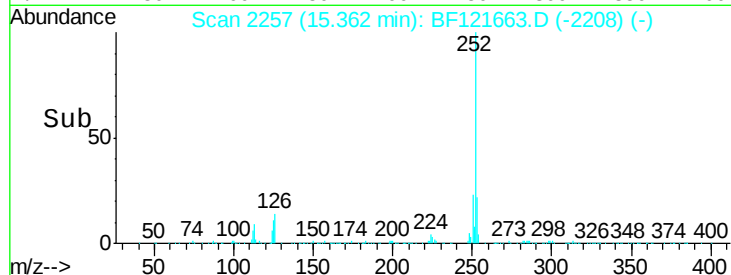
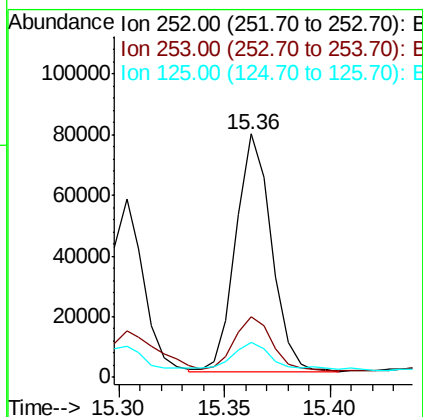
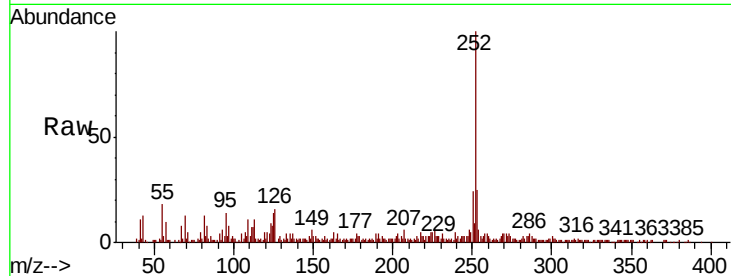
#90
Benzo(a)pyrene
Concen: 5.154 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Instrument :
BNA_F
ClientSampleId :
PAV-B29-092120-0-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	14.2	9.1	13.7

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.135 ng
RT: 17.30 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BF121663.D
Acq: 23 Sep 2020 3:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.3	28.9
138	21.2	16.9	25.3

