

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121799.D
 Acq On : 2 Oct 2020 17:43
 Operator : JU/CG
 Sample : L3865-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-093020

Manual Integrations
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 10/5/2020 10:27:36 AM

Quant Time: Oct 02 18:42:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	147485	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	555417	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	261156	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	398384	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	288123	20.00	ng	-0.01
86) Perylene-d12	15.36	264	286782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	733333	73.89	ng	0.00
7) Phenol-d6	6.40	99	929718	71.41	ng	-0.01
23) Nitrobenzene-d5	7.33	82	629297	60.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	205576	63.34	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	943951	54.74	ng	-0.01
79) Terphenyl-d14	12.87	244	653571	45.96	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.52	163	162810	8.601	ng	100
71) Phenanthrene	11.30	178	99449	4.582	ng	99
75) Fluoranthene	12.49	202	165851	7.158	ng	99
78) Pyrene	12.72	202	138150	6.563	ng	98
81) Benzo(a)anthracene	13.91	228	71437	3.919	ng	94
83) Chrysene	13.94	228	71268	3.861	ng	98
87) Indeno(1,2,3-cd)pyrene	16.76	276	55438	2.968	ng	96
88) Benzo(b)fluoranthene	14.94	252	99124m	5.170	ng	
89) Benzo(k)fluoranthene	14.97	252	40998m	2.335	ng	
90) Benzo(a)pyrene	15.29	252	70464	4.324	ng	# 94
92) Benzo(g,h,i)perylene	17.19	276	56975	3.728	ng	98

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

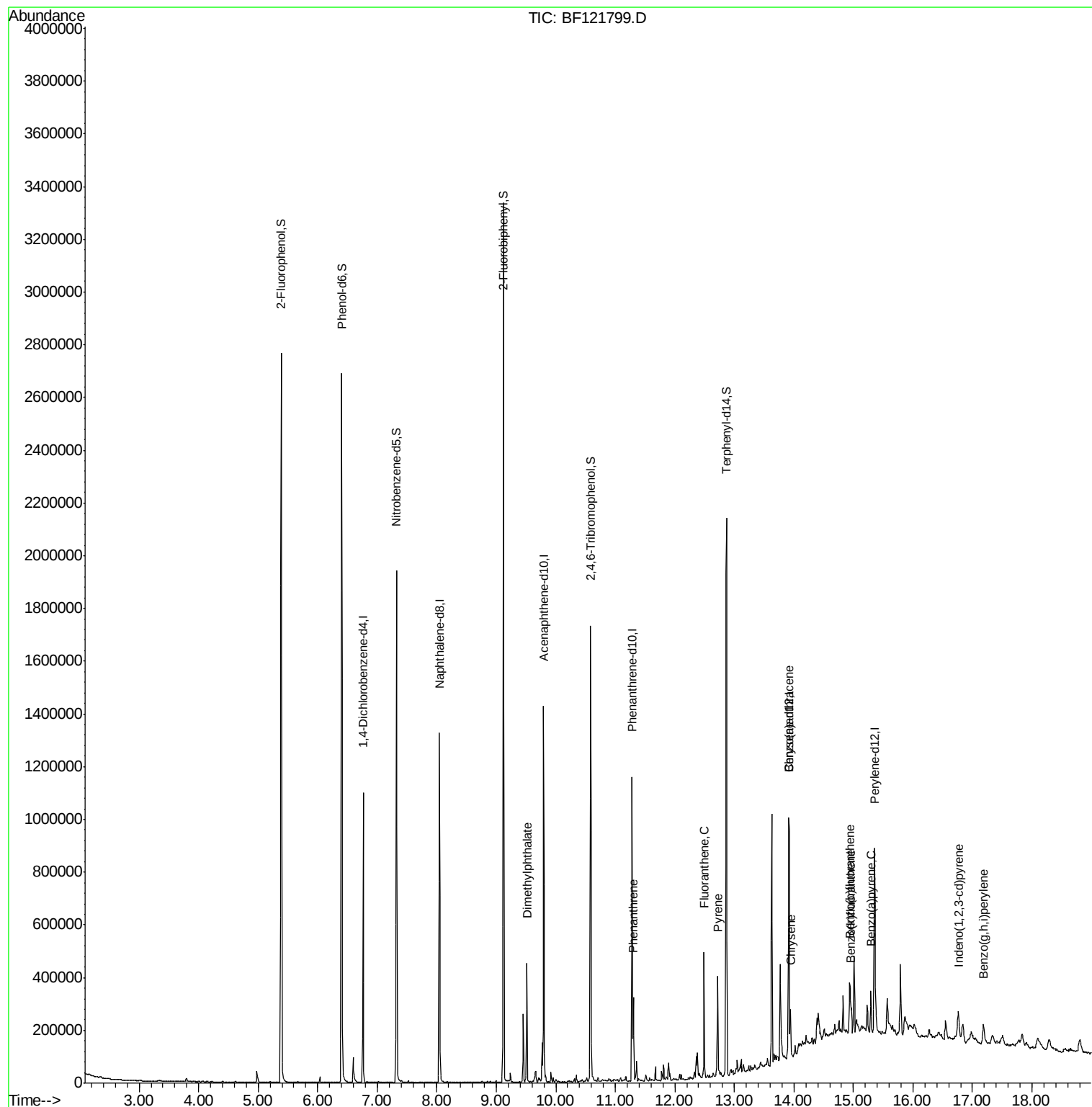
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121799.D
Acq On : 2 Oct 2020 17:43
Operator : JU/CG
Sample : L3865-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

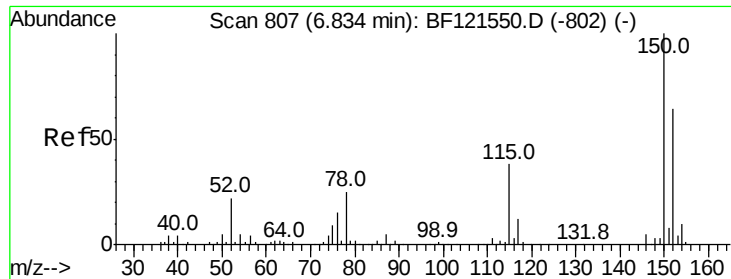
Instrument :
BNA_F
ClientSampleId :
NB-08-093020

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

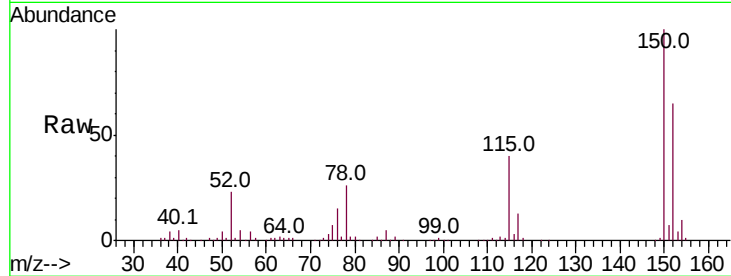
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampleId :
NB-08-093020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.3	187.9
115	61.3	51.9	77.9

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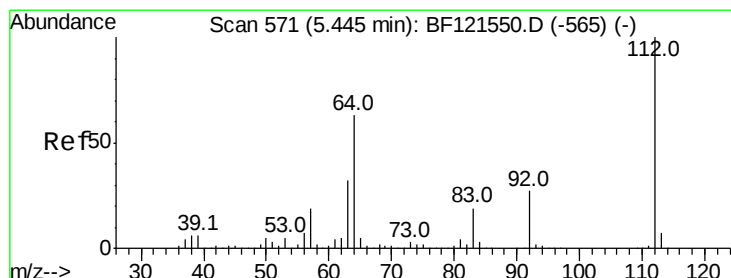
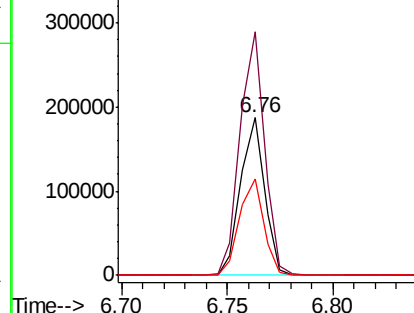
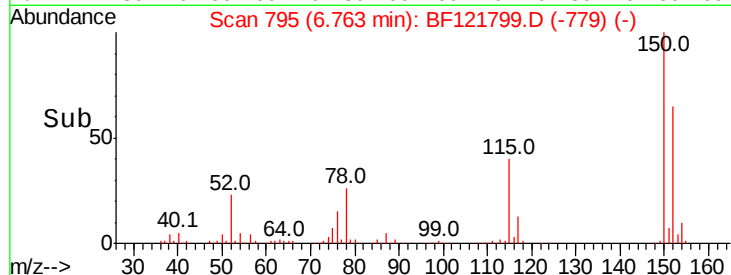


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

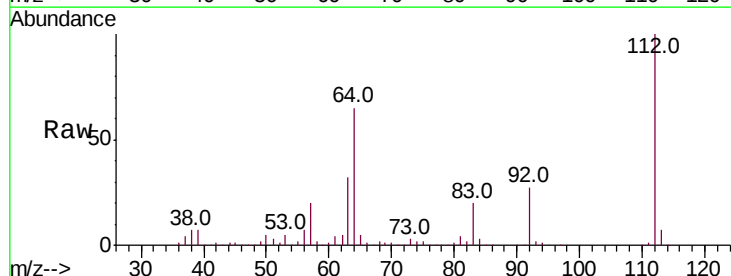
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.894 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.4	75.6
63	32.3	25.8	38.6

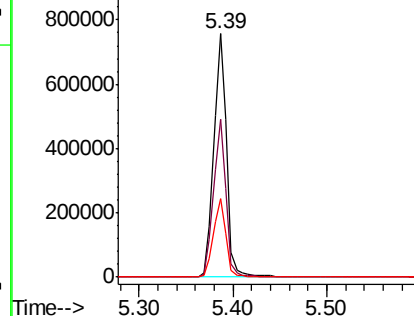
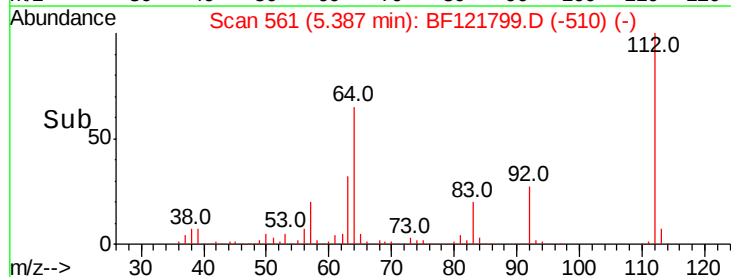


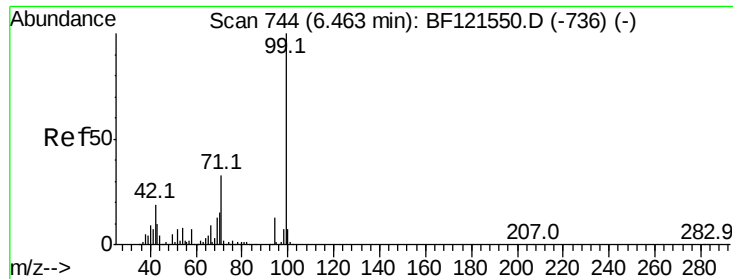
Abundance

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: 71.408 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121799.D

Acq: 2 Oct 2020 17:43

Instrument :

BNA_F

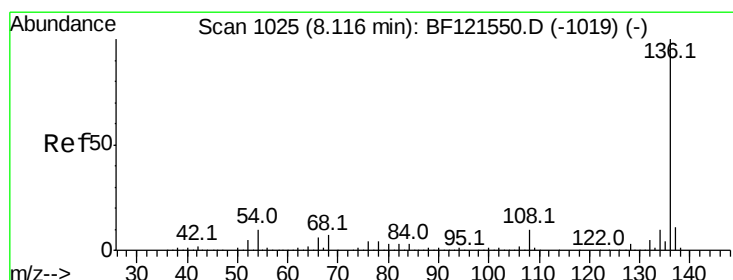
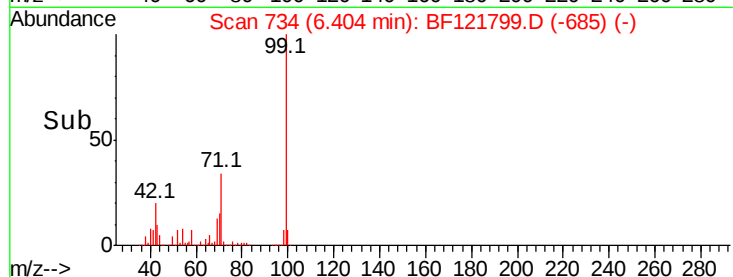
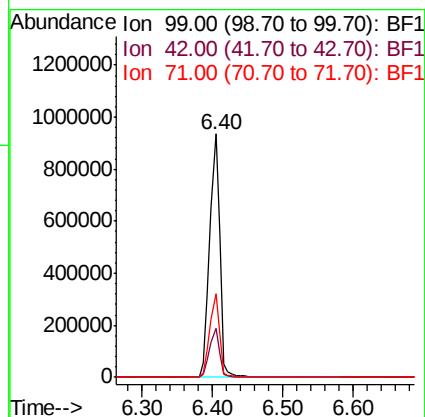
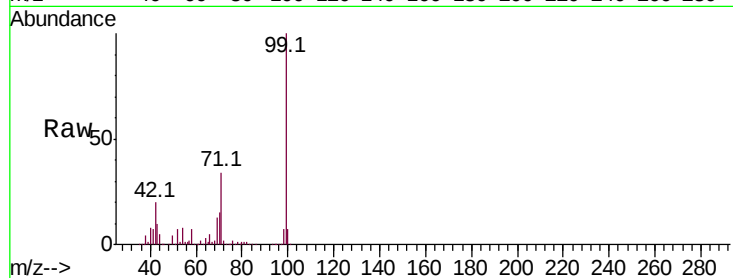
ClientSampleId :

NB-08-093020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		929718		
42	20.4	15.9	23.9		
71	34.4	27.1	40.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

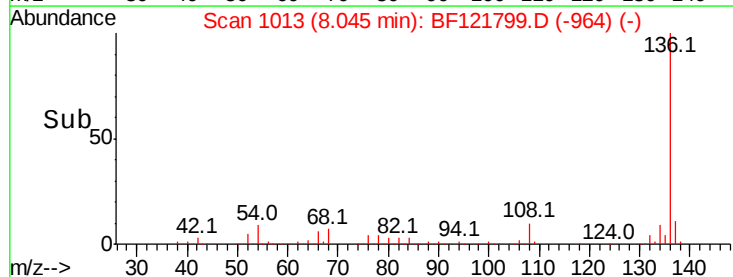
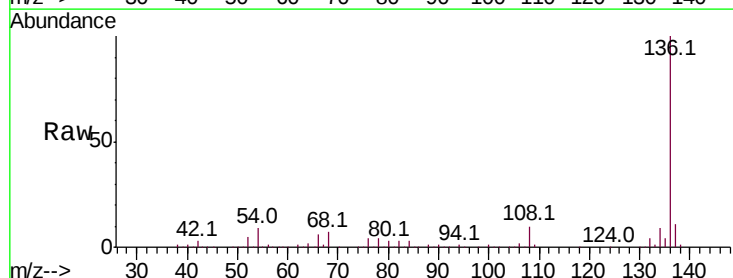
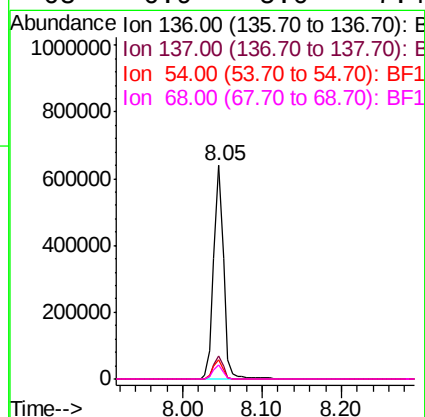
RT: 8.05 min Scan# 1013

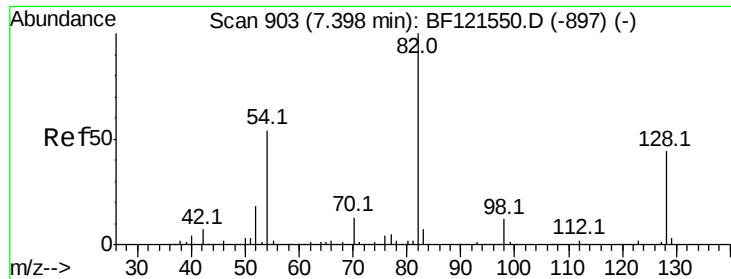
Delta R.T. -0.01 min

Lab File: BF121799.D

Acq: 2 Oct 2020 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		555417		
137	10.9	8.6	13.0		
54	9.3	7.1	10.7		
68	6.9	5.0	7.4		





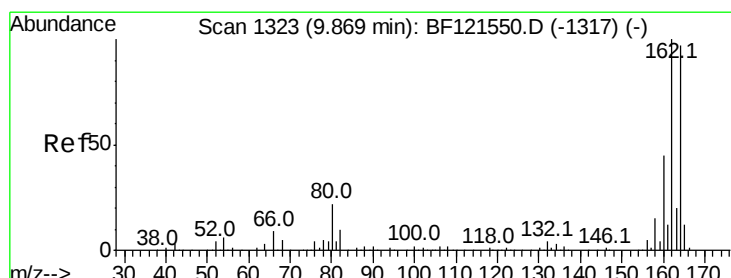
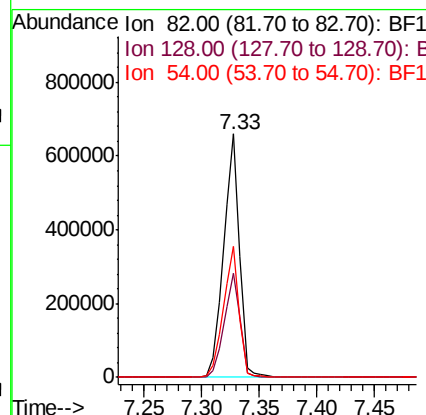
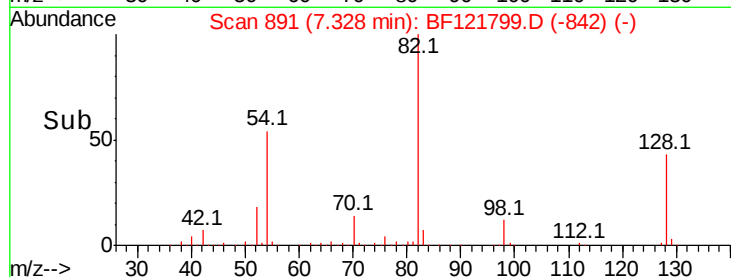
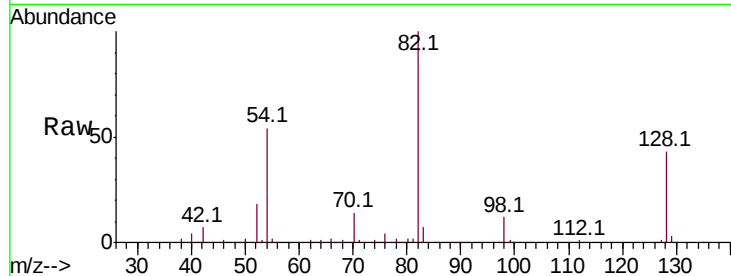
#23
Nitrobenzene-d5
Concen: 60.834 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampleId :
NB-08-093020

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.9	43.9	65.9

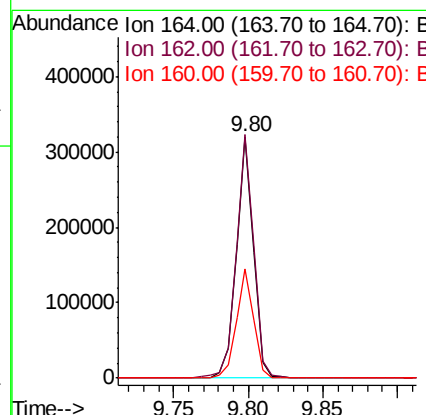
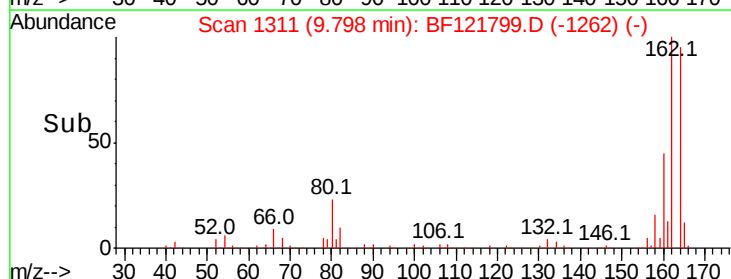
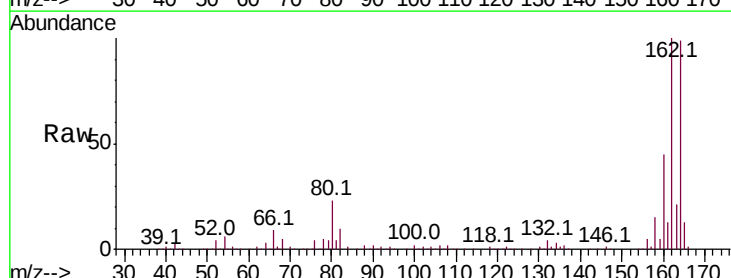
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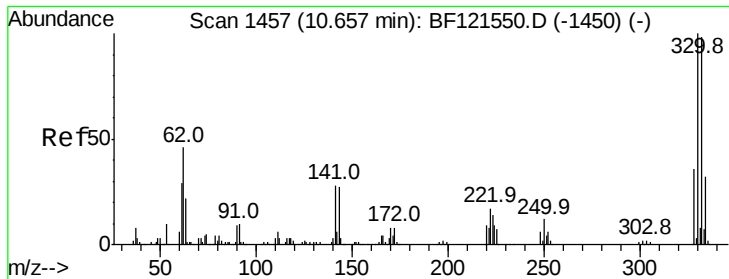
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.2	124.8
160	45.5	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 63.336 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121799.D

Acq: 2 Oct 2020 17:43

Instrument :

BNA_F

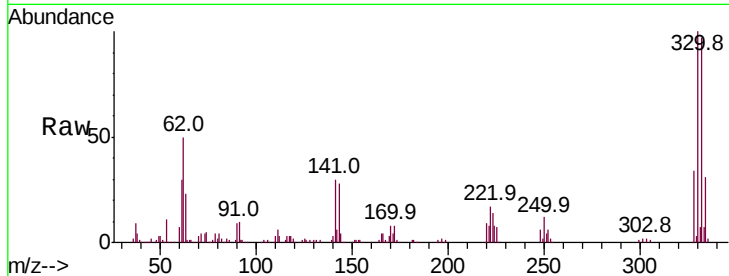
ClientSampleId :

NB-08-093020

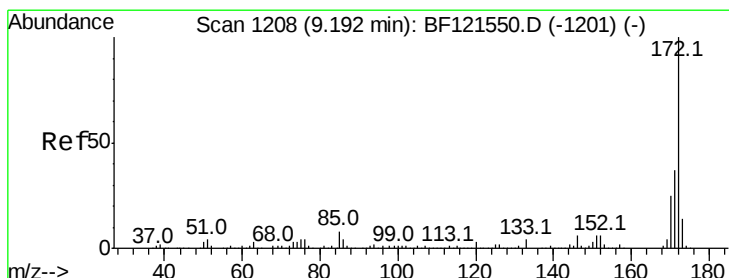
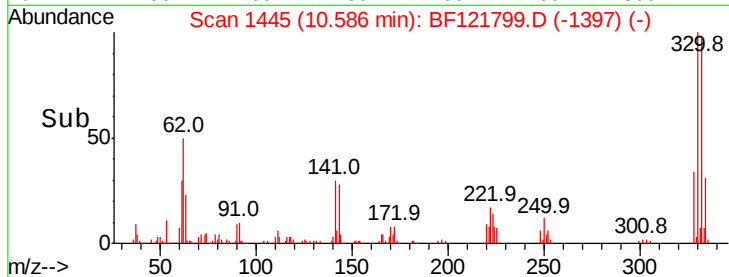
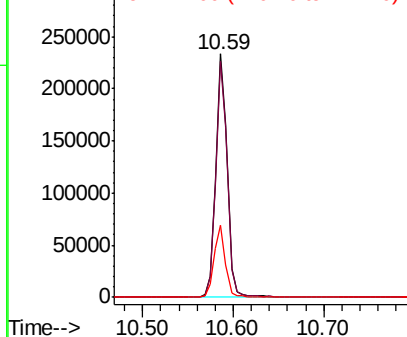
Tot Ion:	330	Resp:	205576
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.3	115.9
141	29.7	22.3	33.5

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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: 54.743 ng

RT: 9.12 min Scan# 1196

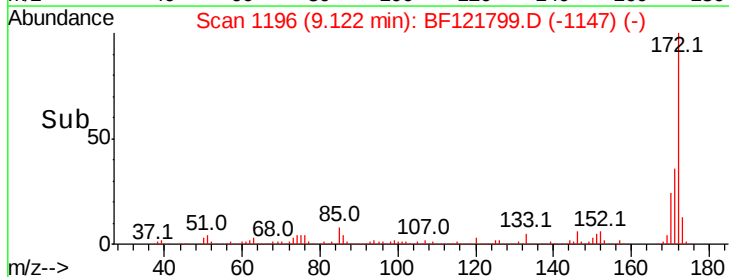
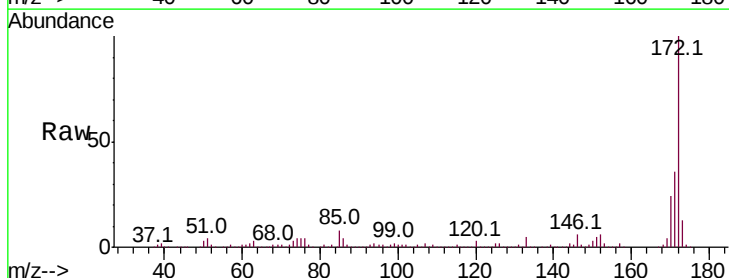
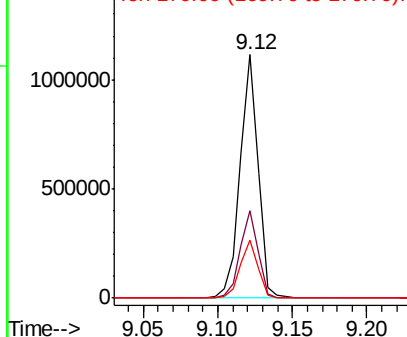
Delta R.T. -0.01 min

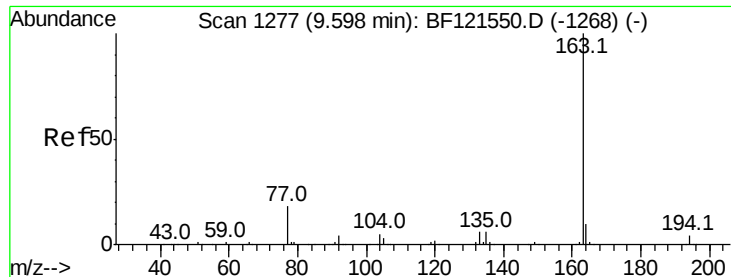
Lab File: BF121799.D

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Tgt Ion:	172	Resp:	943951
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.1	43.7
170	24.1	19.8	29.6

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





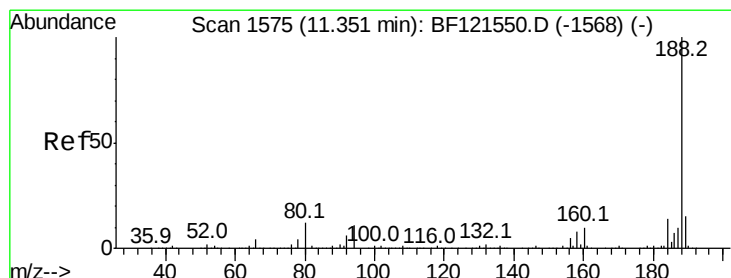
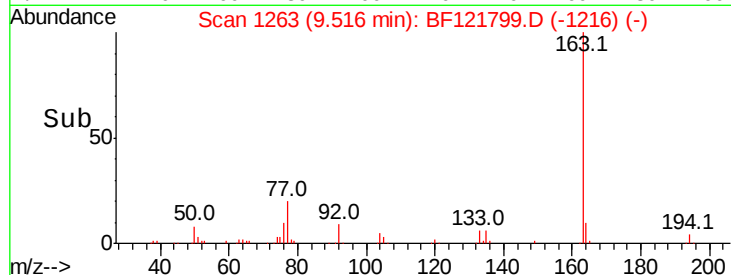
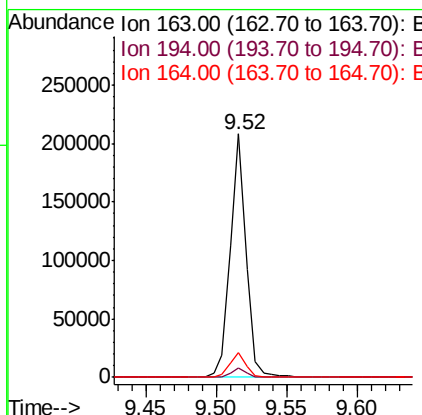
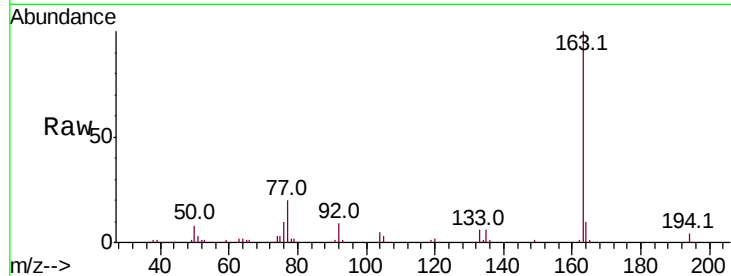
#50
Dimethylphthalate
Concen: 8.601 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampled :
NB-08-093020

Tot Ion	Ratio	Resp	Lower	Upper
163	100	162810		
194	4.1	3.3	4.9	
164	10.2	8.2	12.4	

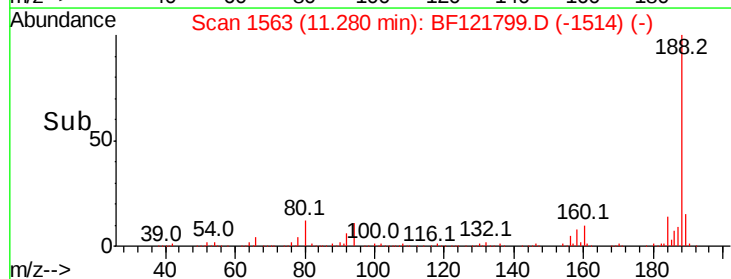
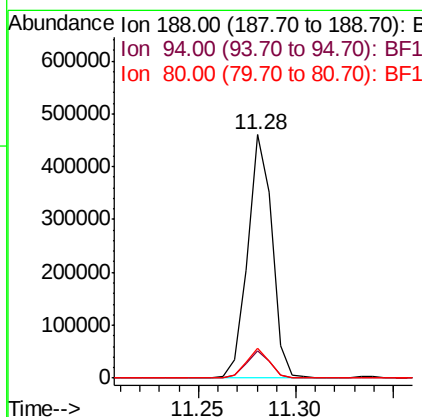
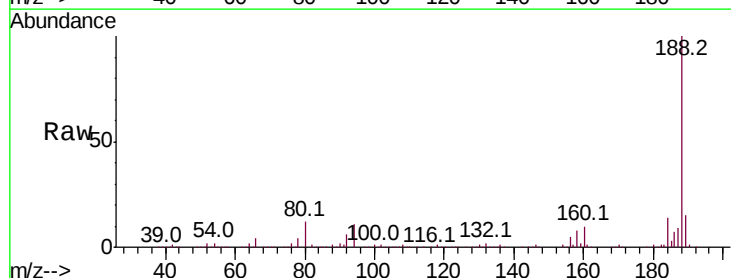
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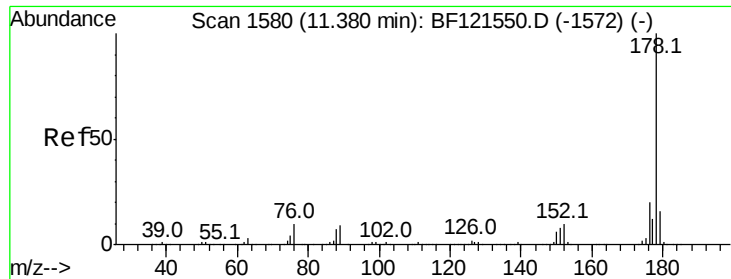
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	398384		
94	11.5	8.3	12.5	
80	12.1	9.1	13.7	





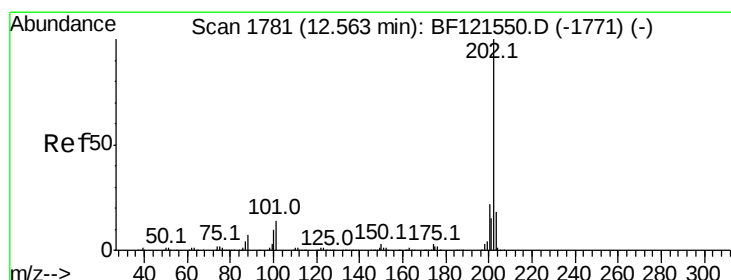
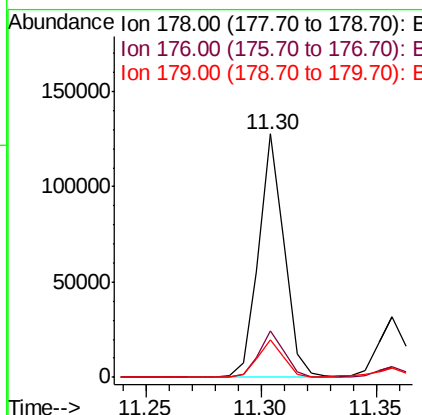
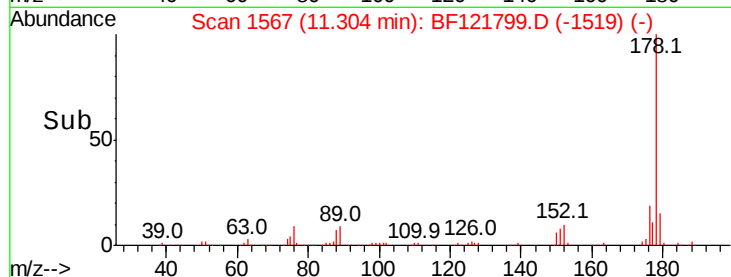
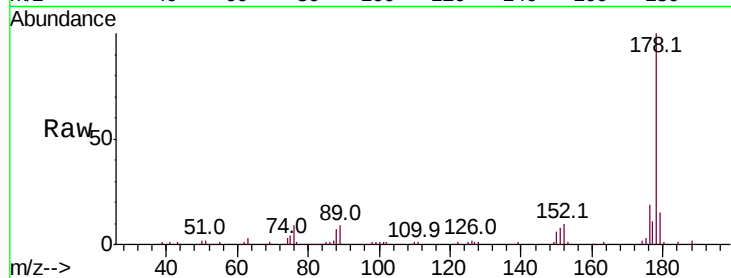
#71
Phenanthrene
Concen: 4.582 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampleId :
NB-08-093020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.2	12.2	18.4

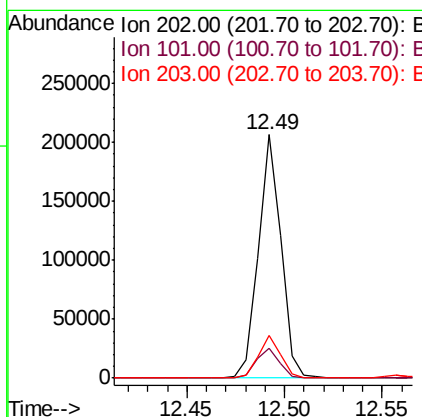
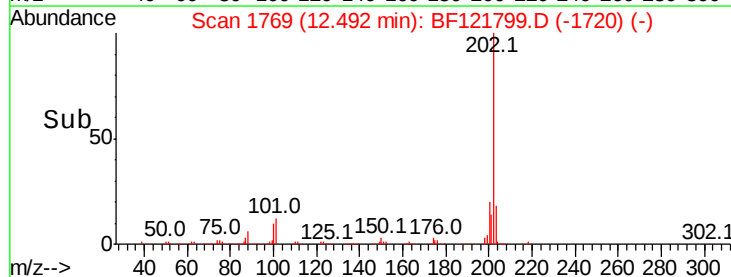
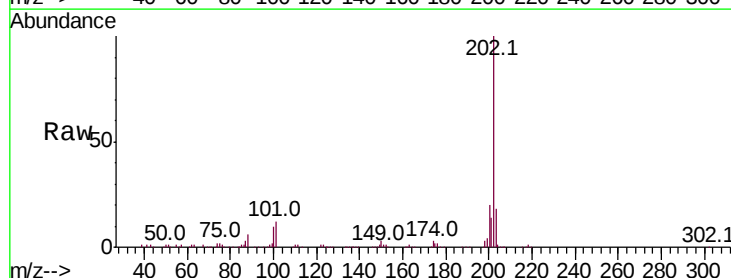
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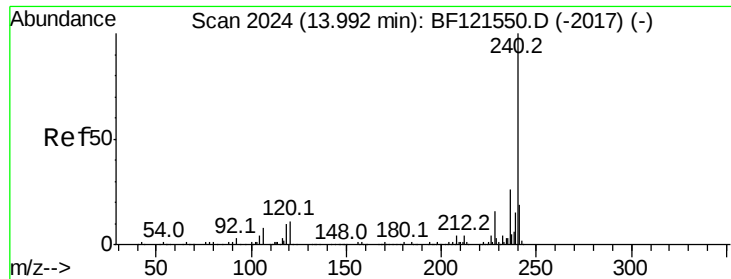
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#75
Fluoranthene
Concen: 7.158 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.4
203	17.5	0.0	37.9





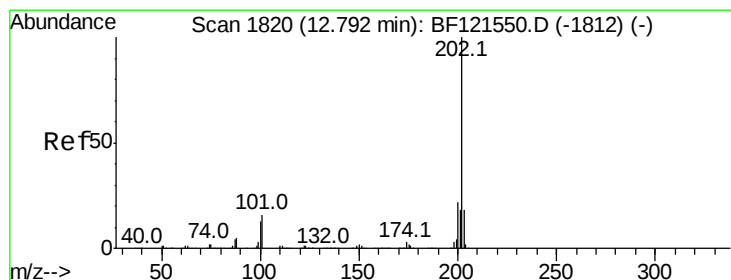
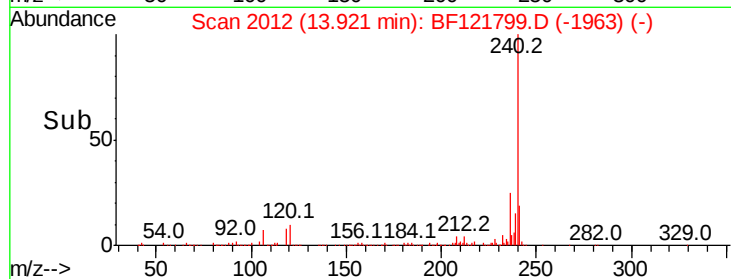
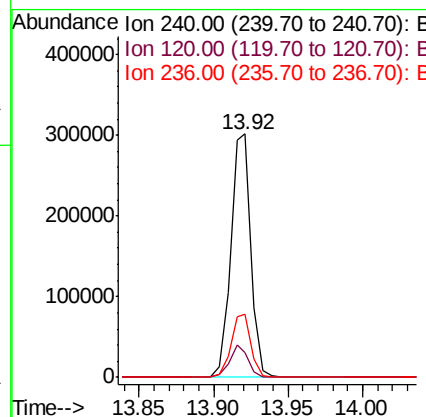
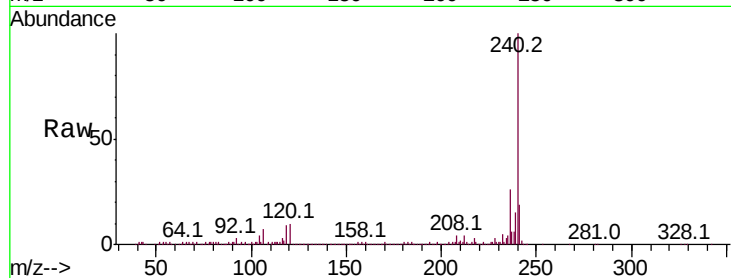
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampleId :
NB-08-093020

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.4	9.2	13.8	
236	25.7	20.9	31.3	

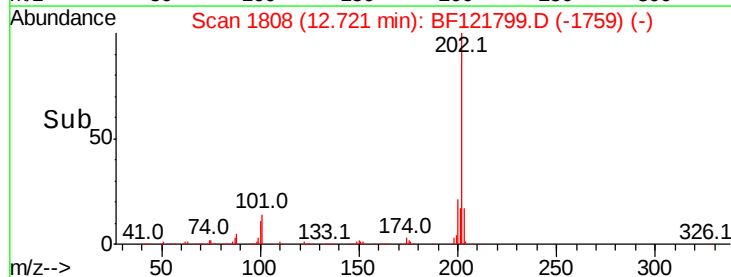
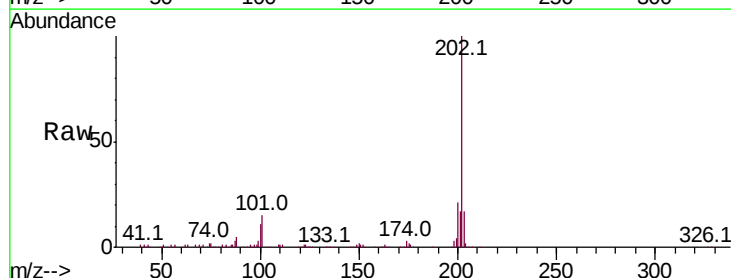
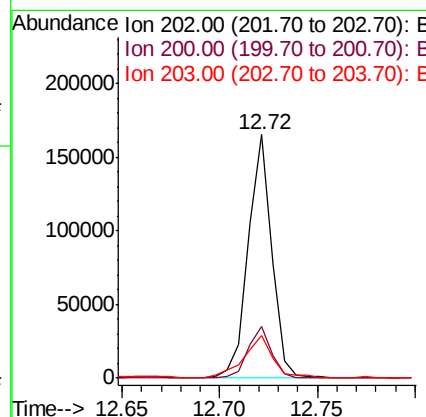
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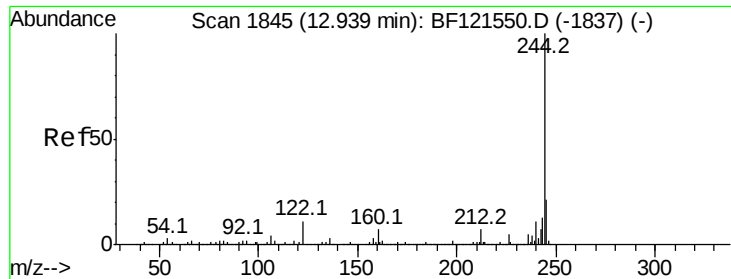
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#78
Pyrene
Concen: 6.563 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	17.4	14.6	21.8	





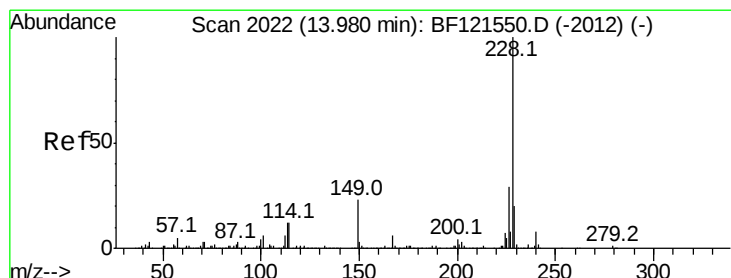
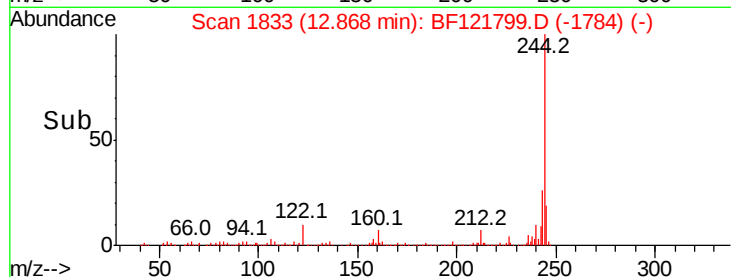
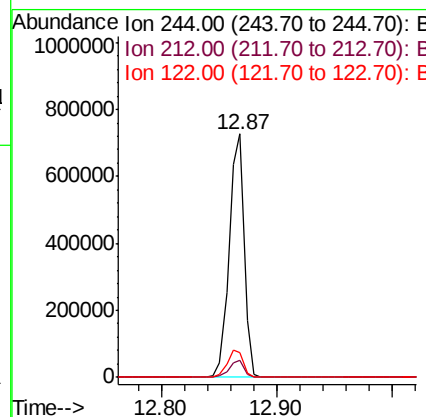
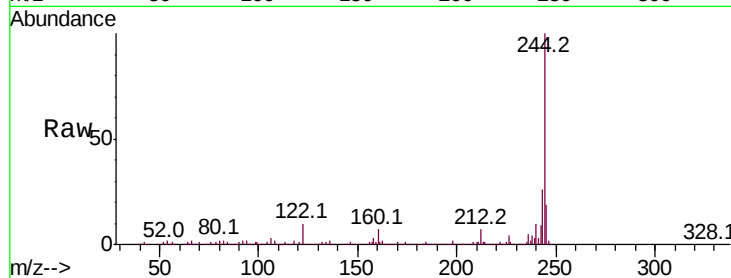
#79
 Terphenyl-d14
 Concen: 45.955 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121799.D
 Acq: 2 Oct 2020 17:43

Instrument :
 BNA_F
 ClientSampleID :
 NB-08-093020

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.4	8.2	
122	10.3	8.1	12.1	

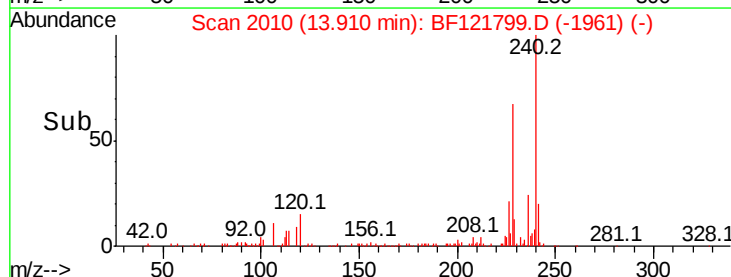
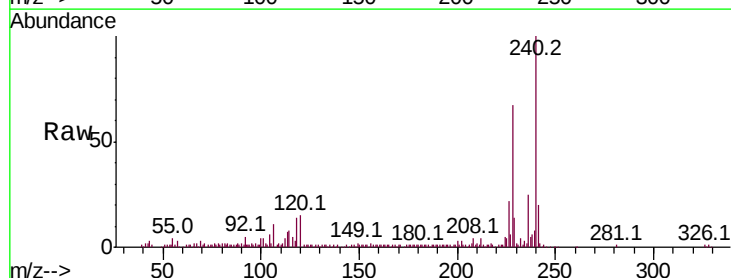
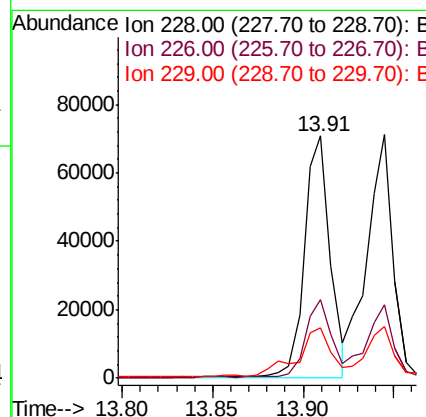
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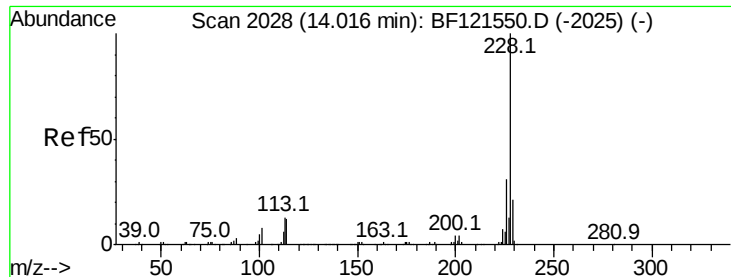
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#81
 Benzo(a)anthracene
 Concen: 3.919 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF121799.D
 Acq: 2 Oct 2020 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.6	22.3	33.5	
229	21.0	16.2	24.4	





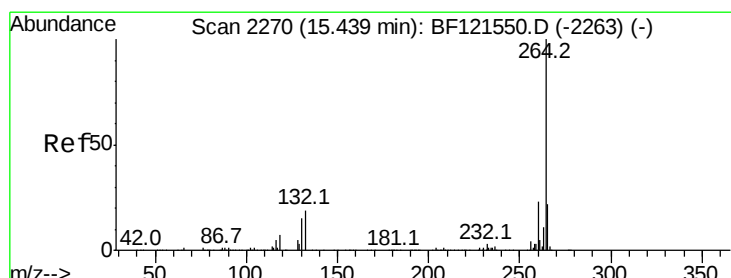
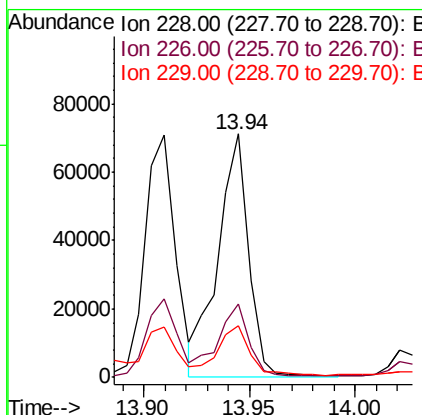
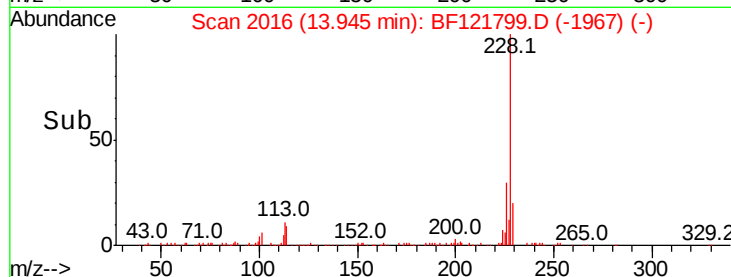
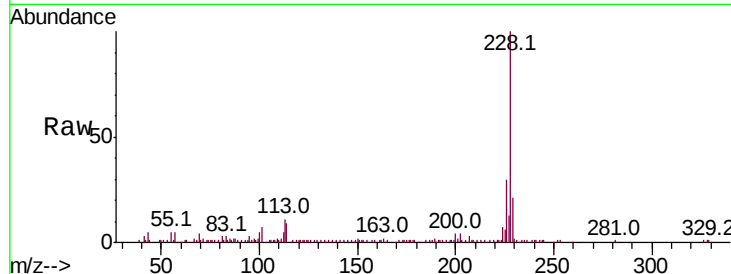
#83
Chrysene
Concen: 3.861 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Instrument :
BNA_F
ClientSampleId :
NB-08-093020

Tot Ion:	228	Resp:	71268
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.6	37.0
229	21.2	15.9	23.9

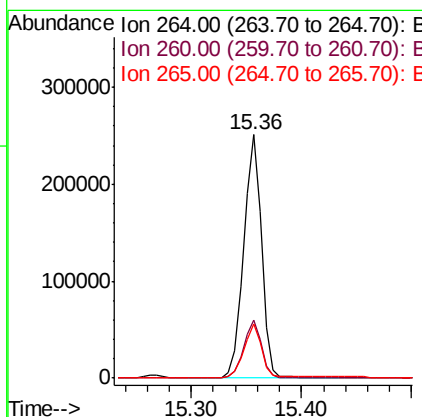
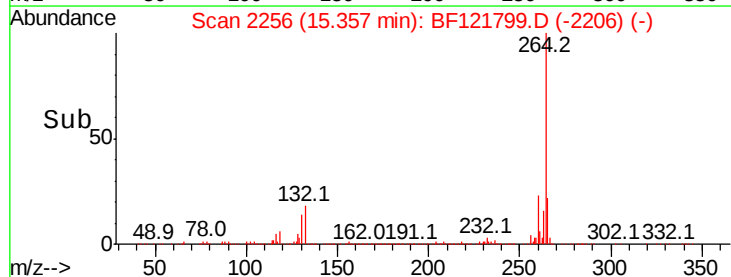
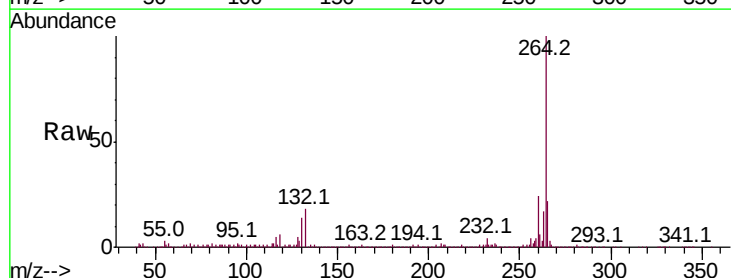
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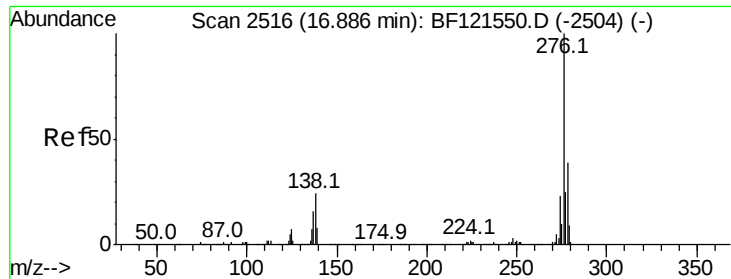
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121799.D
Acq: 2 Oct 2020 17:43

Tgt Ion:	264	Resp:	286782
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.7	28.1
265	22.2	17.3	25.9





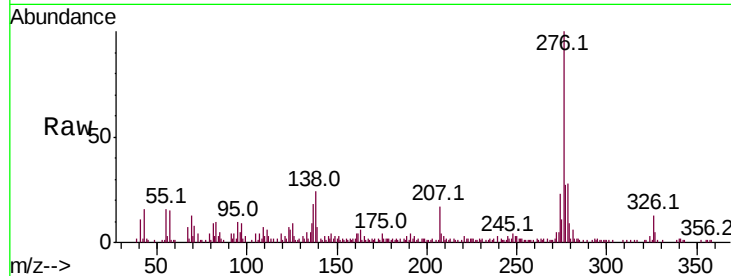
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.968 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. -0.02 min
 Lab File: BF121799.D
 Acq: 2 Oct 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-093020

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	19.9	29.9
277	24.6	20.4	30.6

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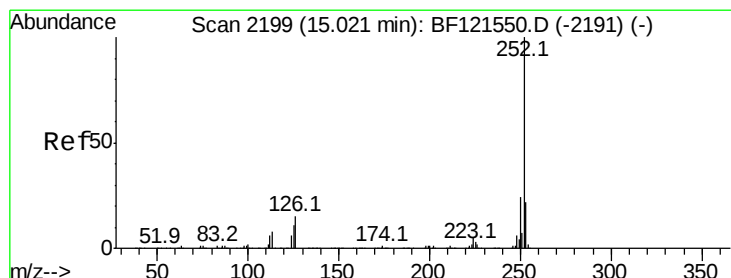
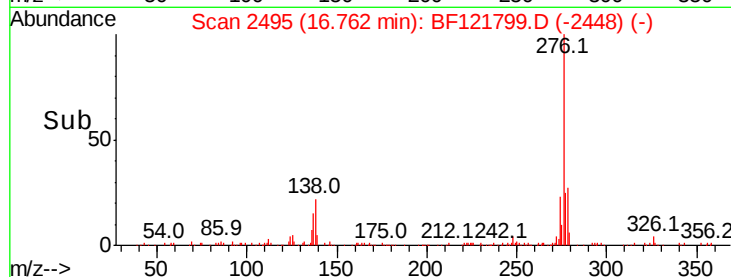
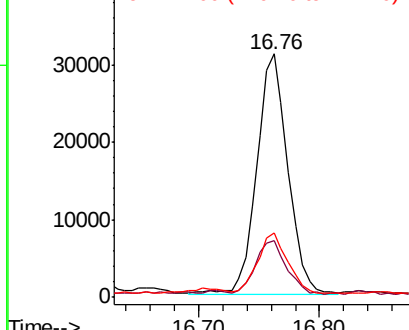


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 5.170 ng m
 RT: 14.94 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BF121799.D
 Acq: 2 Oct 2020 17:43

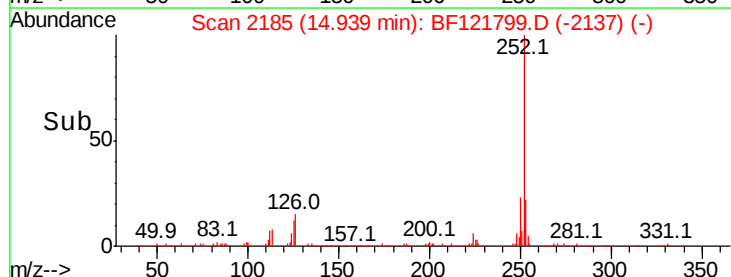
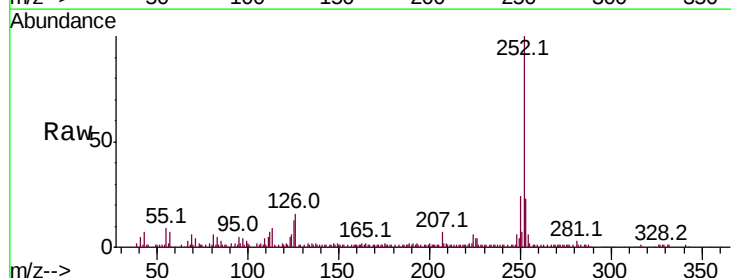
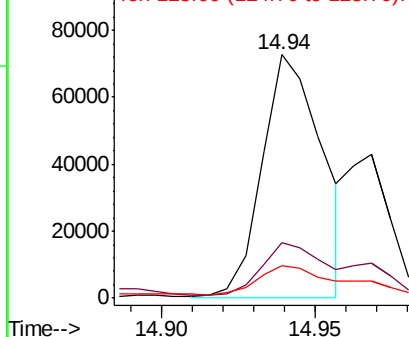
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	13.3	8.0	12.0

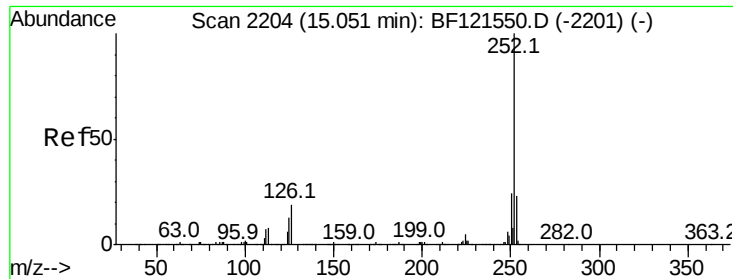
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 2.335 ng/mL

RT: 14.97 min Scan# 2190

Delta R.T. -0.02 min

Lab File: BF121799.D

Acq: 2 Oct 2020 17:43

Instrument :

BNA_F

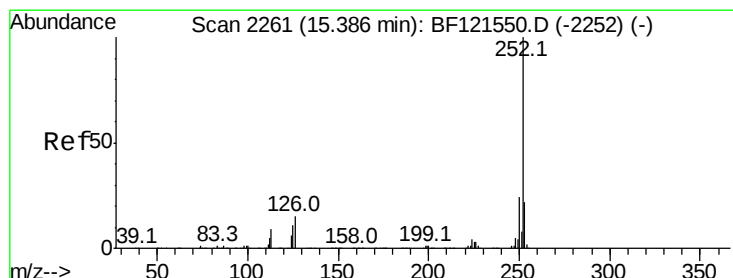
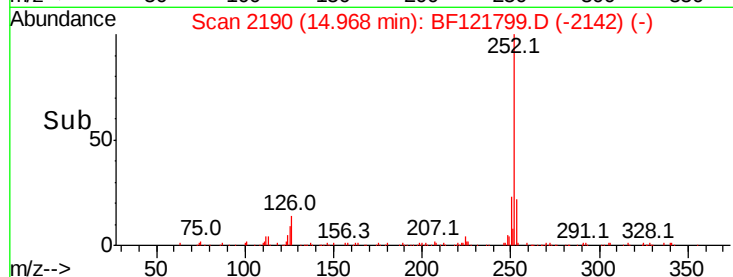
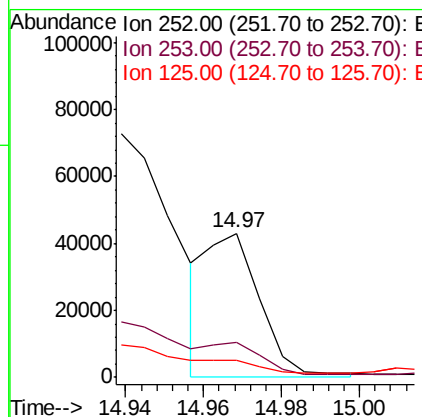
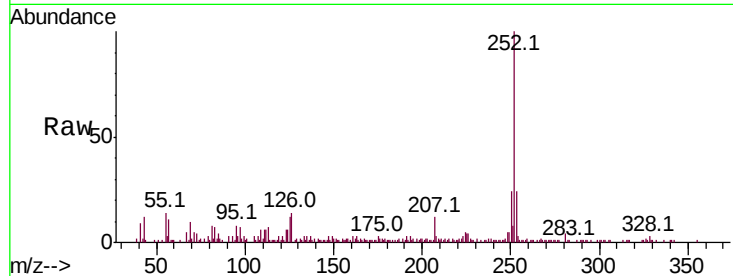
ClientSampleID :

NB-08-093020

Tot Ion:	252	Resp:	40998
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.8	26.6
125	12.0	7.7	11.5#

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#90

Benzo(a)pyrene

Concen: 4.324 ng/mL

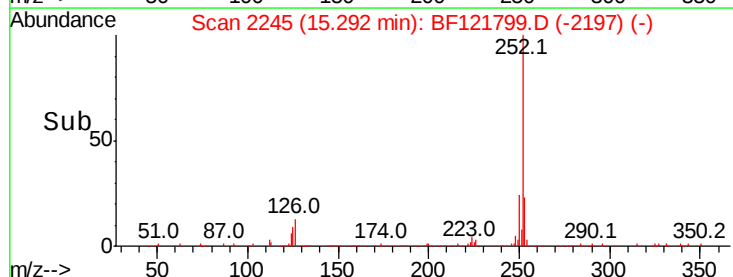
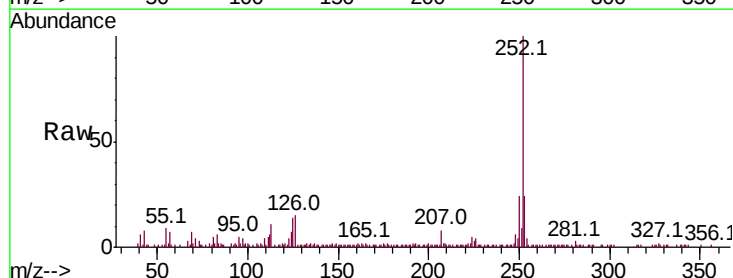
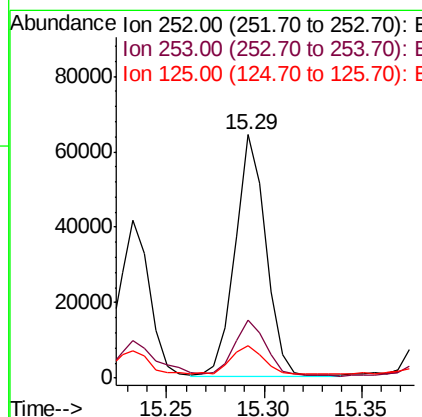
RT: 15.29 min Scan# 2245

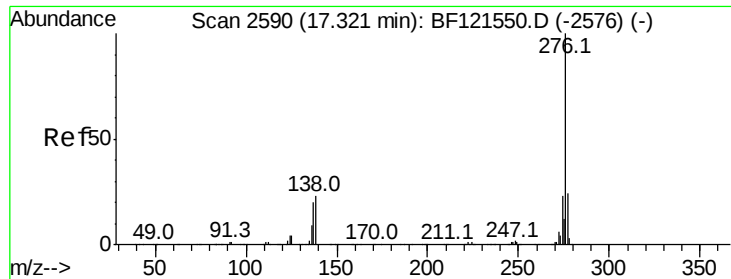
Delta R.T. -0.02 min

Lab File: BF121799.D

Acq: 2 Oct 2020 17:43

Tgt Ion:	252	Resp:	70464
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.3	25.9
125	13.5	8.6	13.0#





#92
 Benzo(a,h,i)perylene
 Concen: 3.728 ng
 RT: 17.19 min Scan# 2567
 Delta R.T. -0.02 min
 Lab File: BF121799.D
 Acq: 2 Oct 2020 17:43

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-093020

Tot Ion:	276	Resp:	56975
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.4	29.2
138	23.7	17.8	26.6

Manual Integrations
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