

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
 Data File : BF118843.D
 Acq On : 6 Feb 2020 18:04
 Operator : CG/JU
 Sample : L1365-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-020520

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:11:03 AM

Quant Time: Feb 06 21:33:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	231137	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	872848	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	493403	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	875846	20.00	ng	0.00
76) Chrysene-d12	13.97	240	612582	20.00	ng	-0.01
87) Perylene-d12	15.42	264	697105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	631673	51.73	ng	0.00
7) Phenol-d6	6.45	99	756615	49.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	476761	32.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	284835	48.25	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	1078163	39.06	ng	-0.01
79) Terphenyl-d14	12.92	244	1212809	40.67	ng	-0.01
Target Compounds						
31) Naphthalene	8.12	128	108498	2.718	ng	98
50) Dimethylphthalate	9.56	163	86451	2.573	ng	# 97
71) Phenanthrene	11.36	178	341156	7.917	ng	96
75) Fluoranthene	12.55	202	343798	7.307	ng	98
78) Pyrene	12.77	202	275397	6.553	ng	98
81) Benzo(a)anthracene	13.96	228	123428	3.386	ng	99
83) Chrysene	13.99	228	115043	3.144	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	183004	7.520	ng	99
88) Benzo(b)fluoranthene	15.00	252	144832m	3.348	ng	
90) Benzo(a)pyrene	15.36	252	103256	2.789	ng	# 91

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

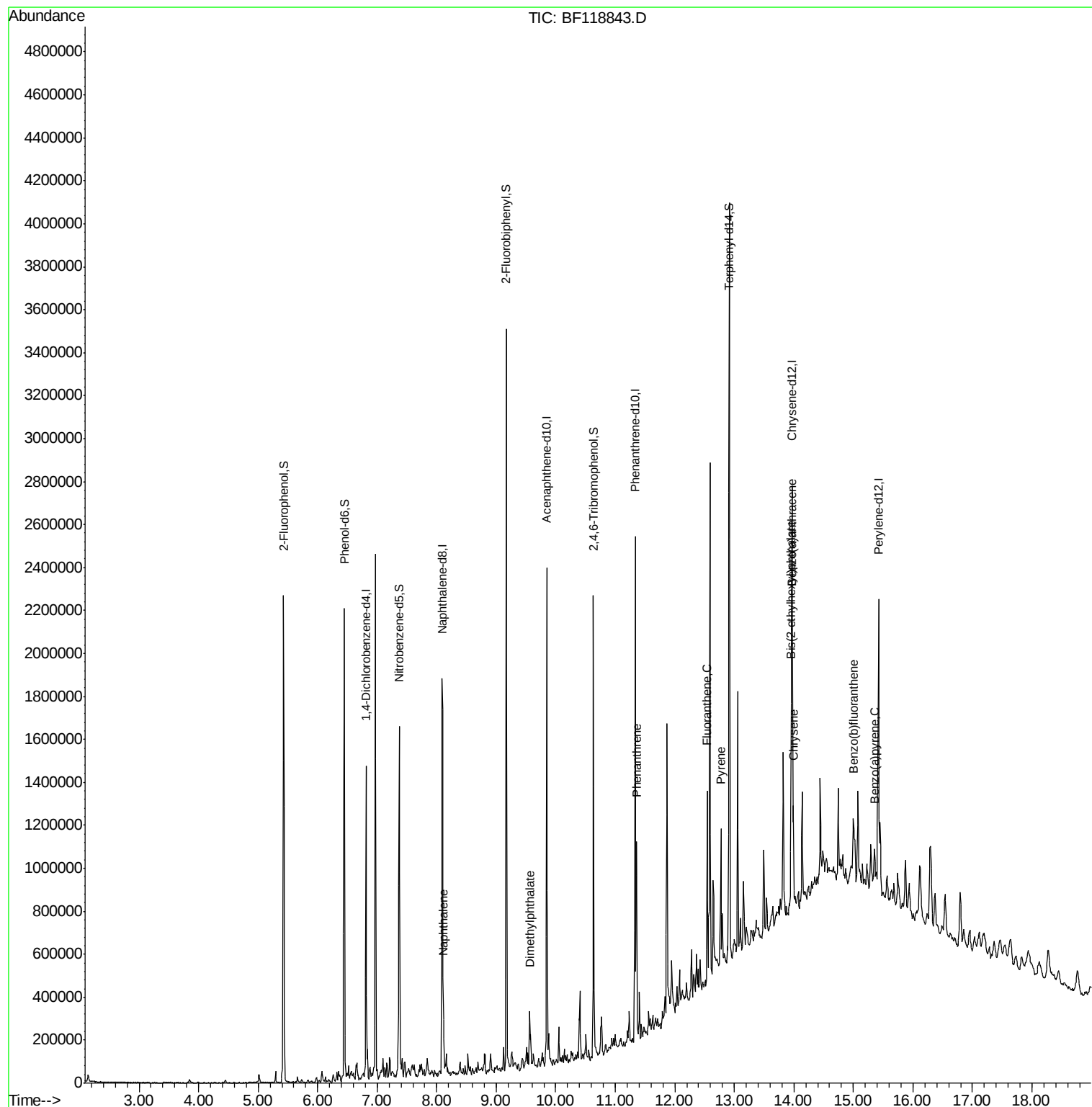
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020620\
Data File : BF118843.D
Acq On : 6 Feb 2020 18:04
Operator : CG/JU
Sample : L1365-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

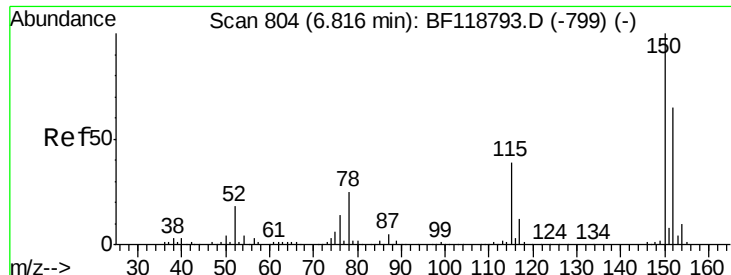
Instrument :
BNA_F
ClientSampleId :
CL-01-020520

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2/10/2020 8:11:03 AM

Quant Time: Feb 06 21:33:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





#1

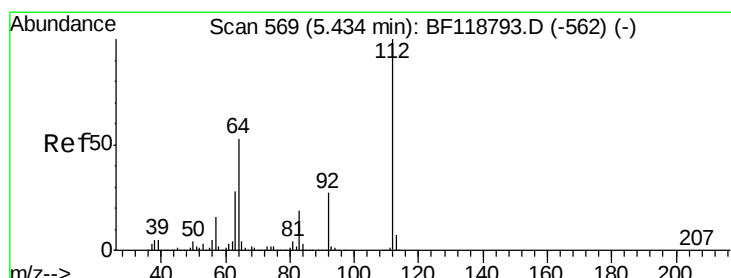
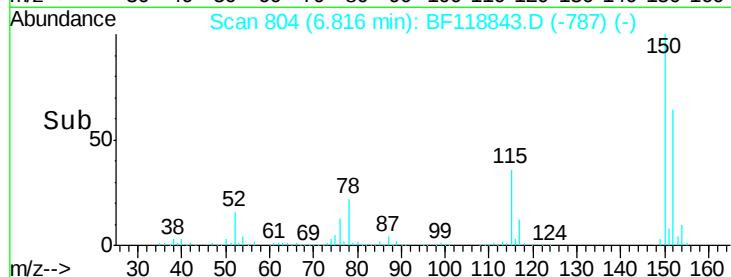
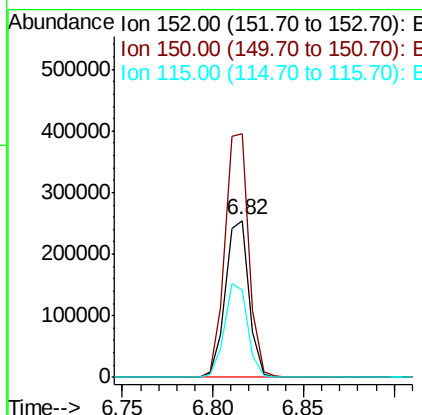
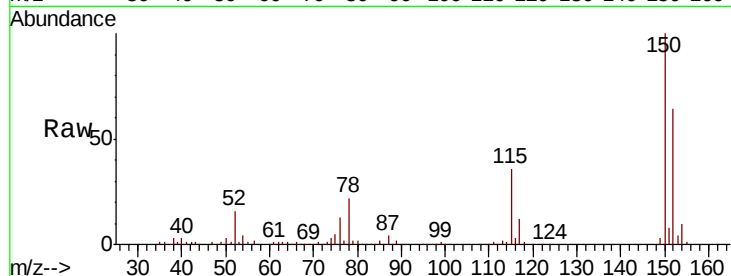
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.6	185.4
115	56.1	48.2	72.2

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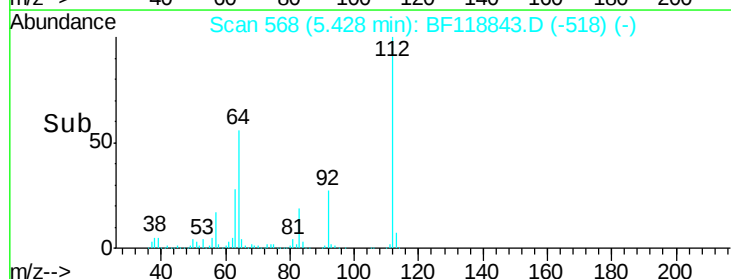
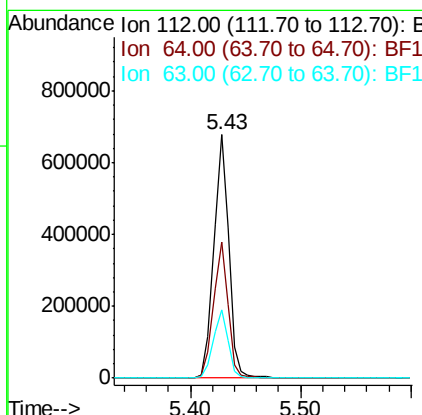
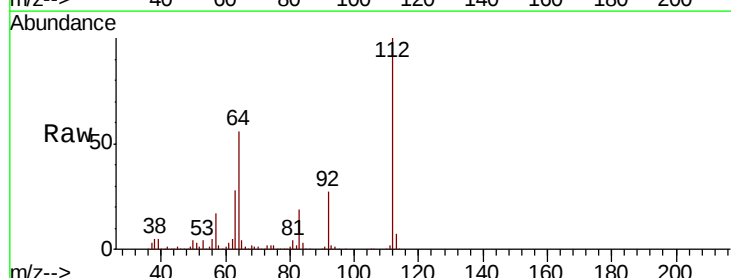
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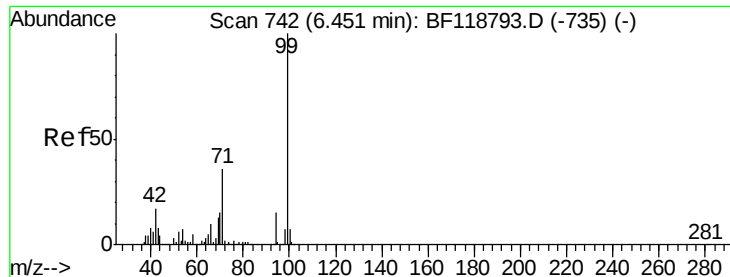


#5

2-Fluorophenol
Concen: 51.732 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	42.6	63.8
63	27.9	22.2	33.4





#7

Phenol-d6

Concen: 49.916 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Instrument :

BNA_F

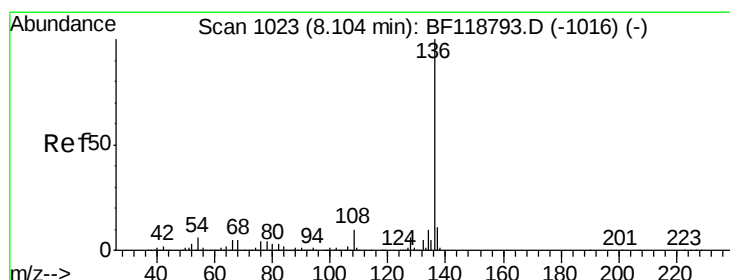
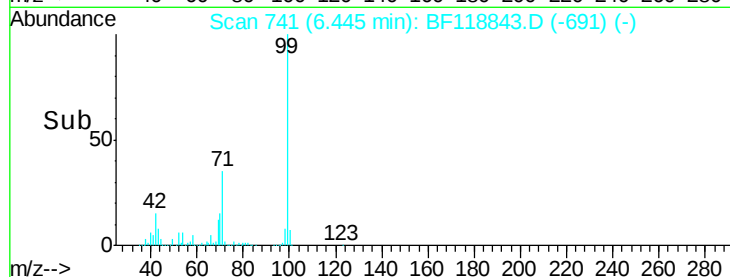
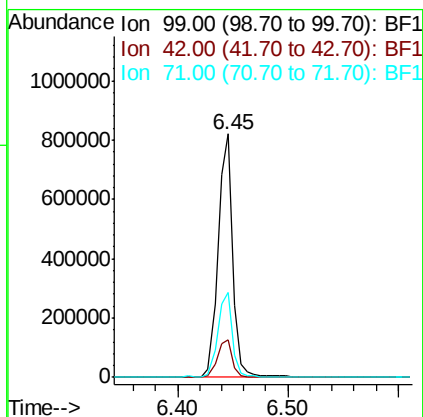
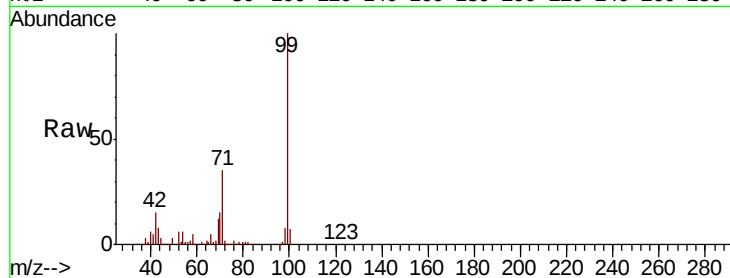
ClientSampled :

CL-01-020520

Tot Ion:	99	Resp:	756615
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.4	20.0
71	34.9	29.0	43.6

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#21

Naphthalene-d8

Concen: 20.000 ng

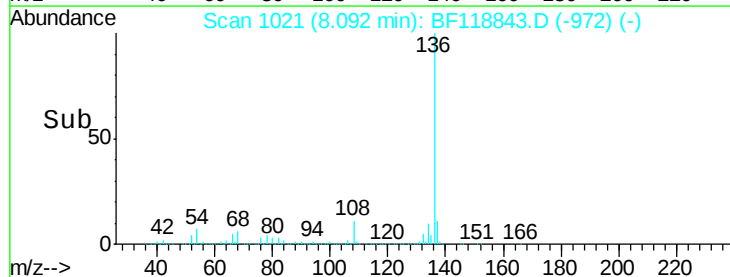
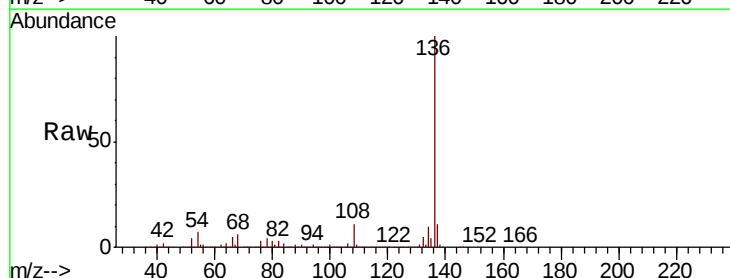
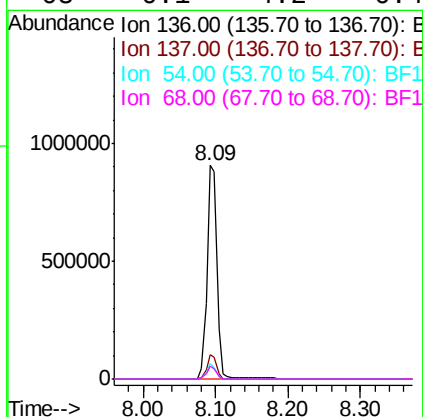
RT: 8.09 min Scan# 1021

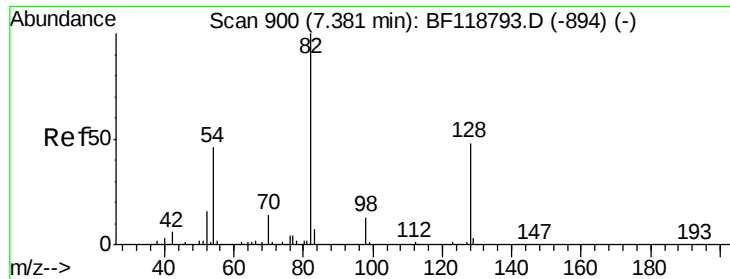
Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Tgt Ion:	136	Resp:	872848
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.7	13.1
54	7.0	5.0	7.6
68	6.1	4.2	6.4





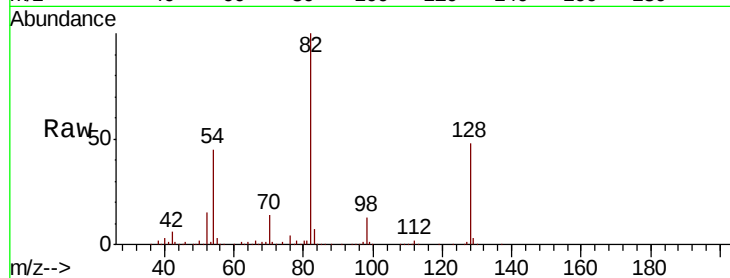
#23
Nitrobenzene-d5
Concen: 32.557 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

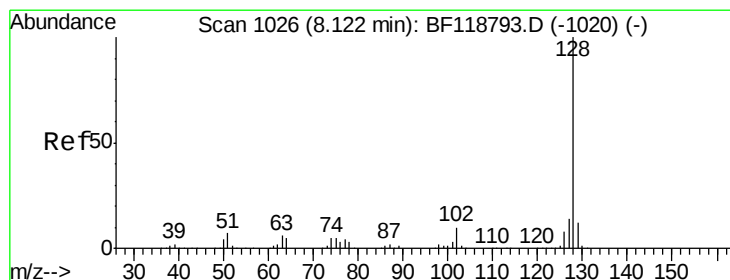
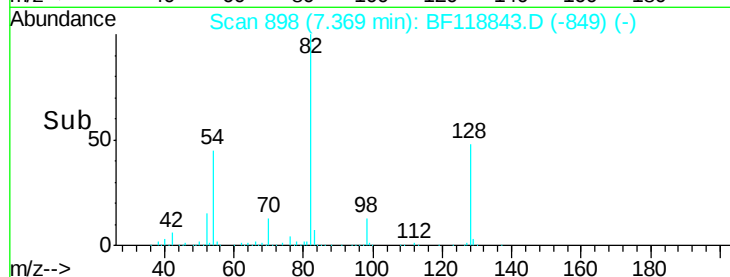
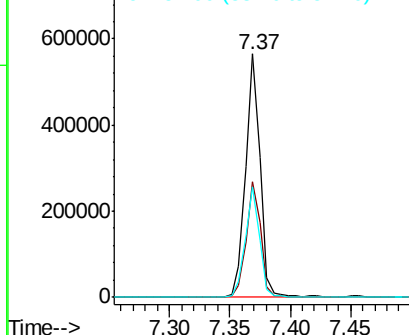
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.5	57.7
54	45.1	36.7	55.1

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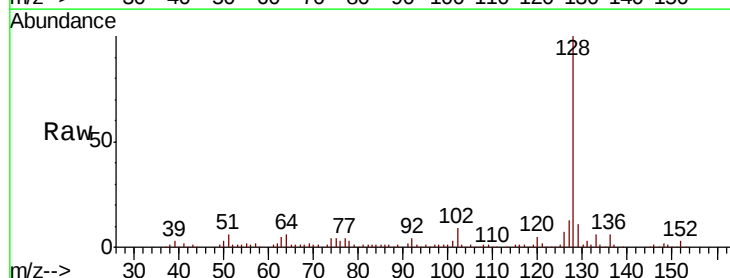


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

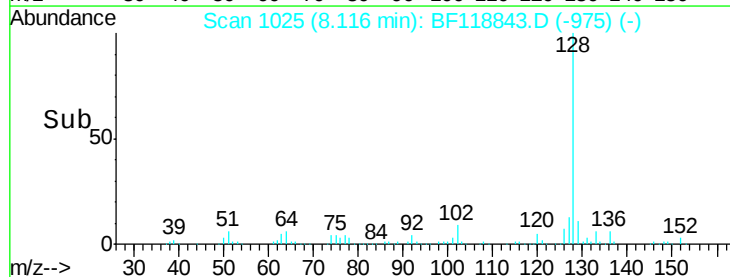
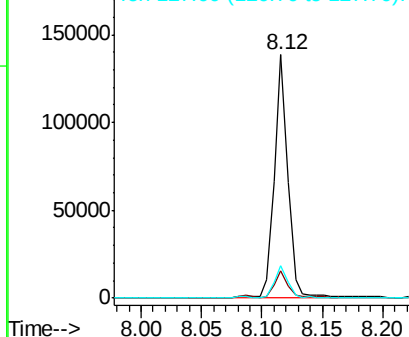


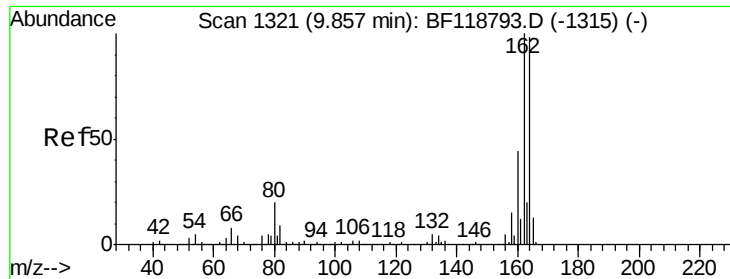
#31
Naphthalene
Concen: 2.718 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.2	11.3	16.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





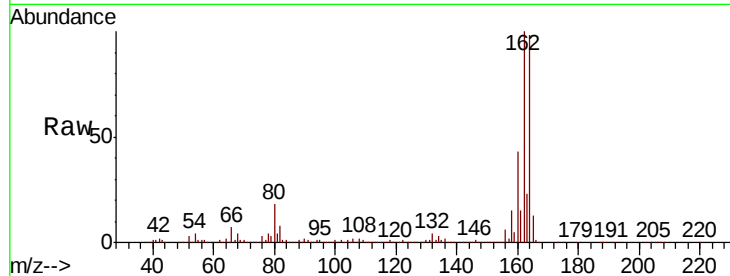
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

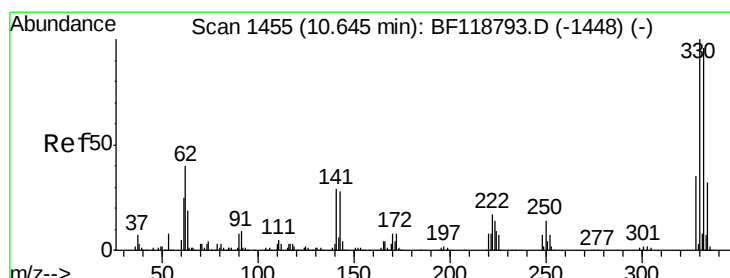
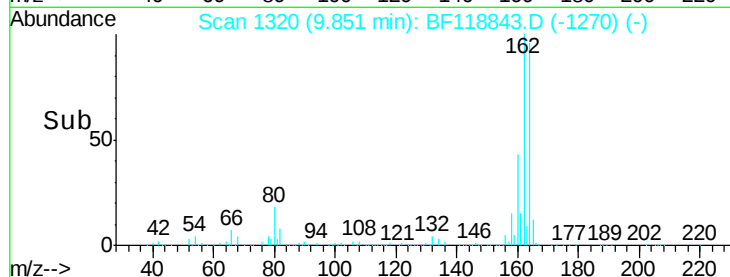
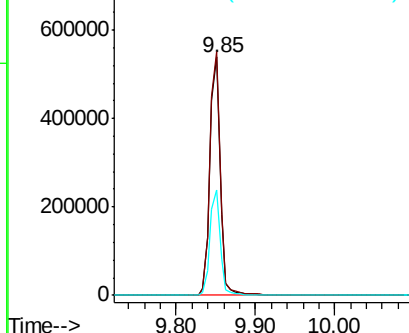
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	81.4	122.2	
160	44.2	35.6	53.4	

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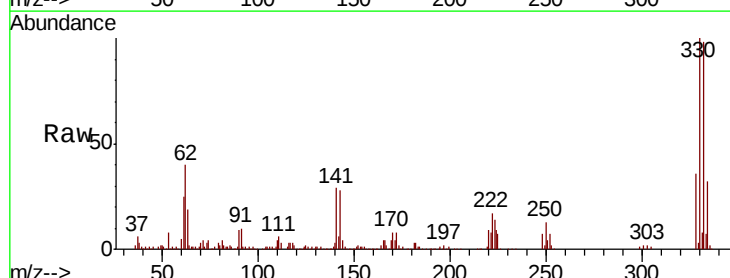


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

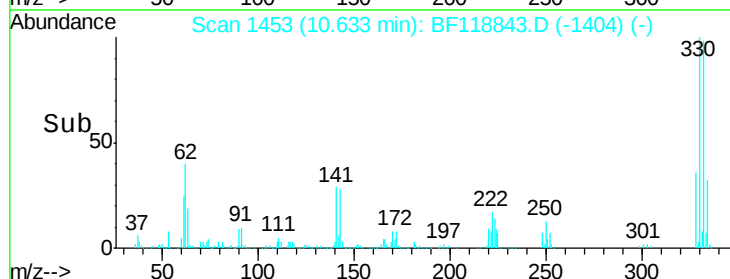
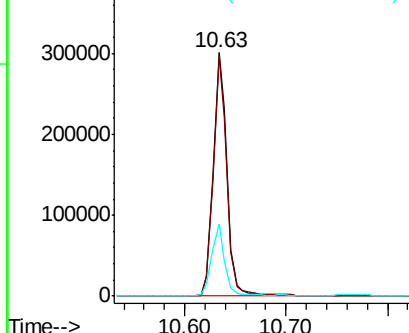


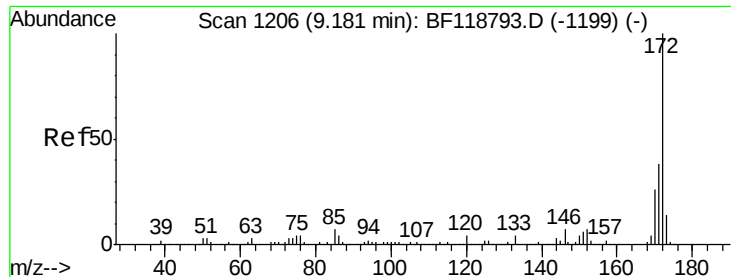
#42
2,4,6-Tribromophenol
Concen: 48.247 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.3	115.9	
141	27.6	22.4	33.6	



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





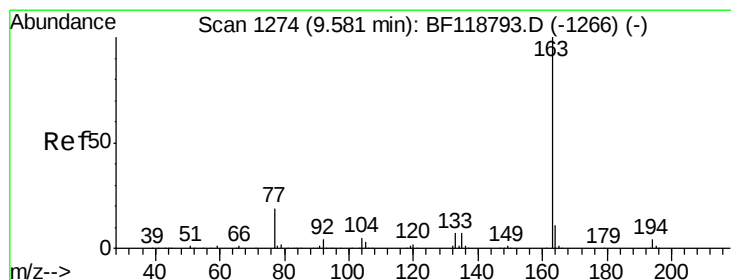
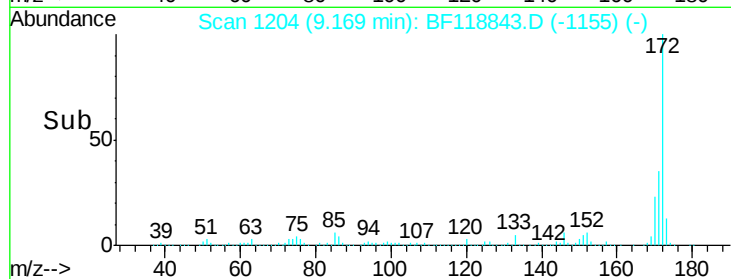
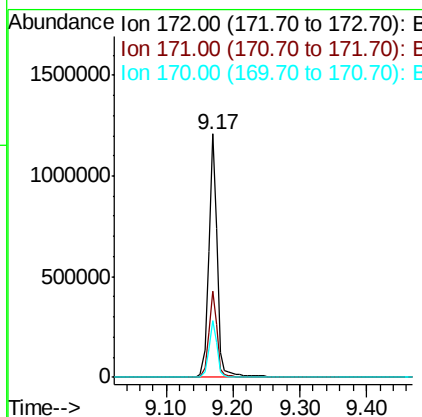
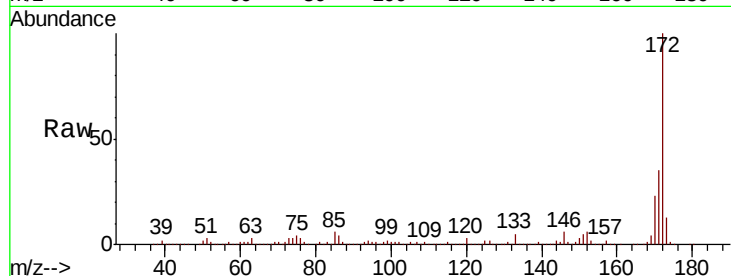
#45
2-Fluorobiphenyl
Concen: 39.064 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.8	46.2
170	23.4	20.5	30.7

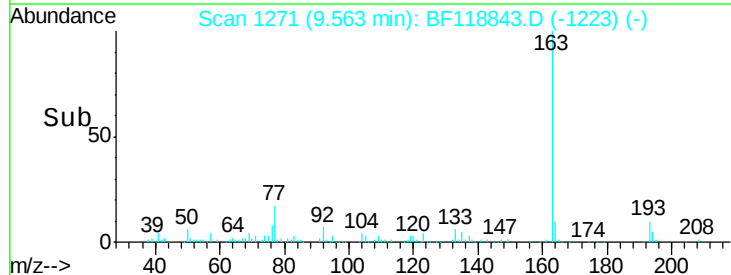
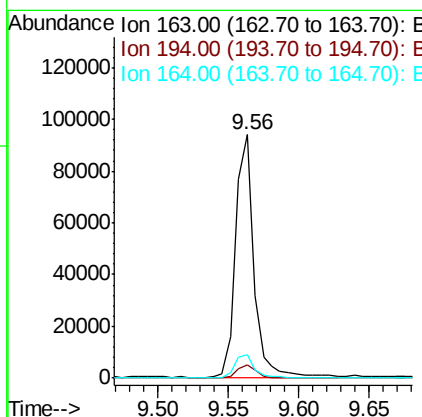
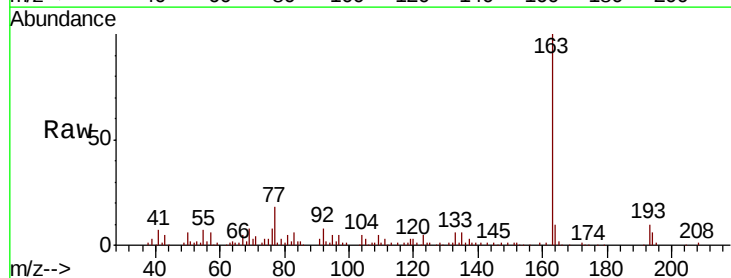
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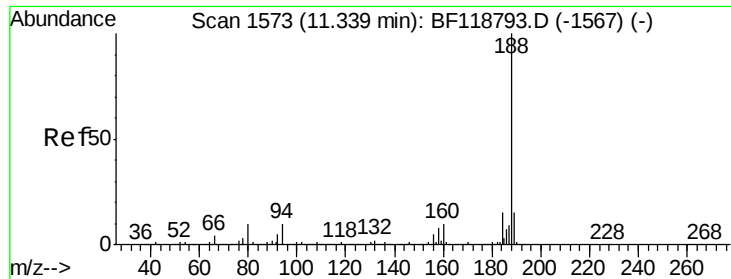
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#50
Dimethylphthalate
Concen: 2.573 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	9.6	8.7	13.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Instrument :

BNA_F

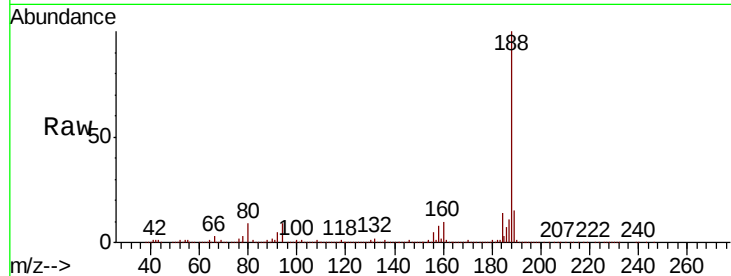
ClientSampleId :

CL-01-020520

Tot Ion:	188	Resp:	875846
Ion Ratio	Lower	Upper	
188	100		
94	8.6	7.9	11.9
80	9.3	8.4	12.6

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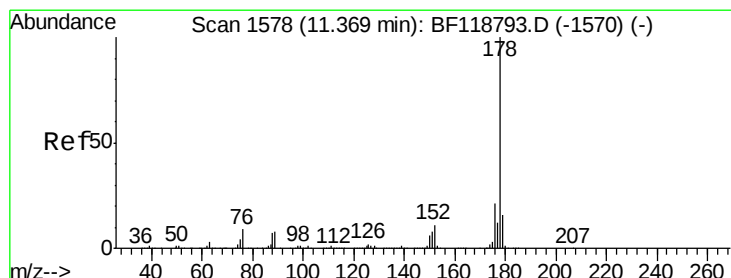
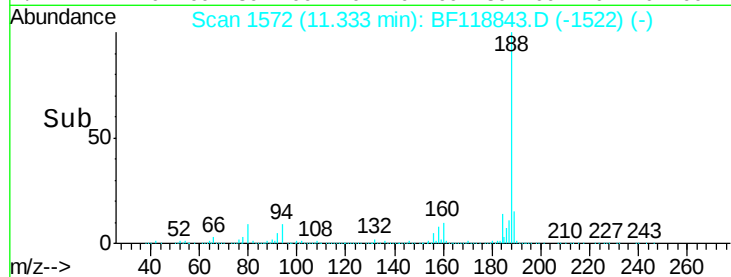
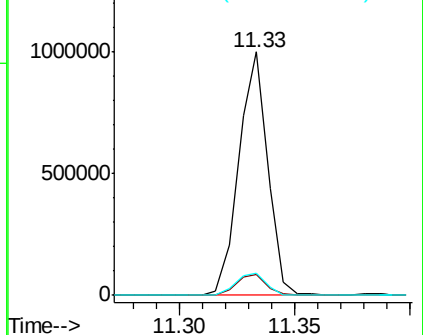
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 7.917 ng

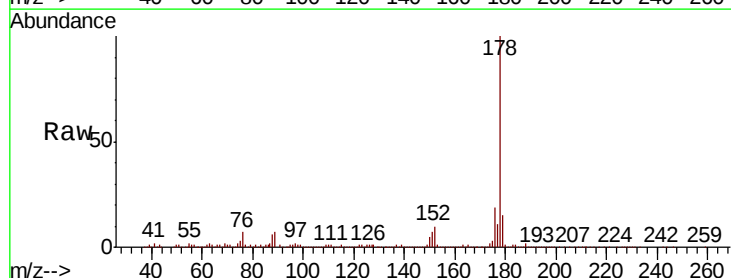
RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

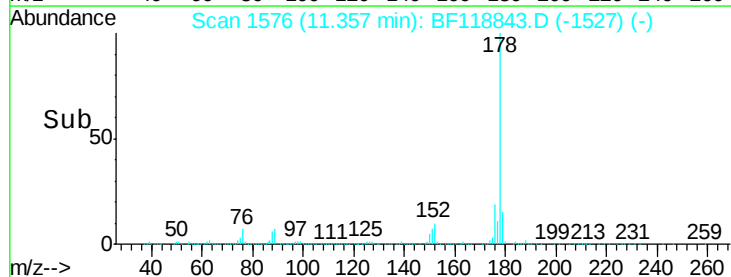
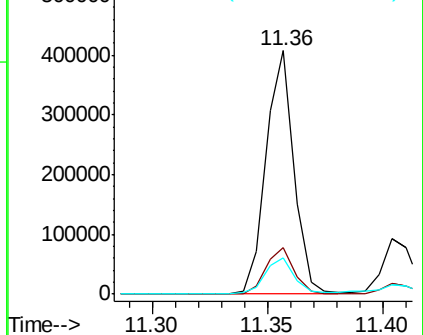
Tgt Ion:	178	Resp:	341156
Ion Ratio	Lower	Upper	
178	100		
176	18.8	16.6	24.8
179	15.1	13.2	19.8

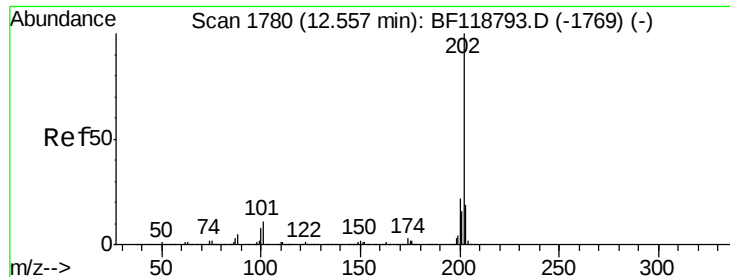


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 7.307 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Instrument :

BNA_F

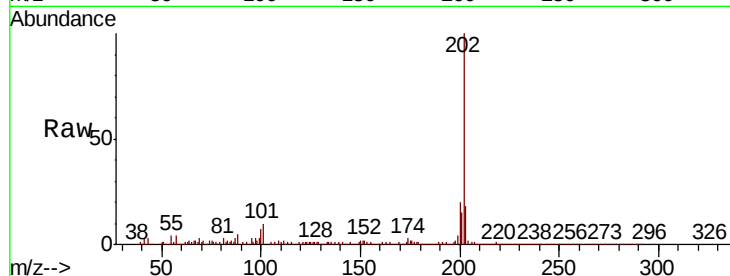
ClientSampleId :

CL-01-020520

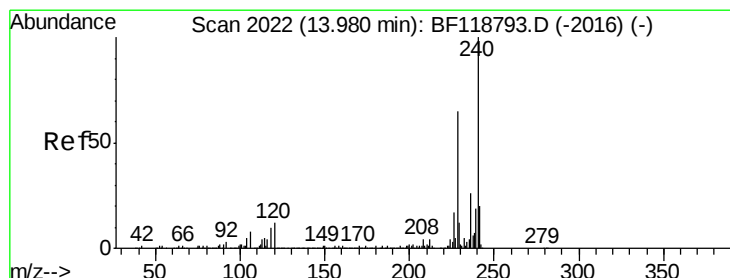
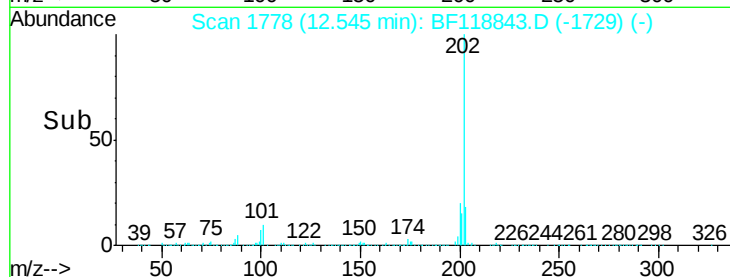
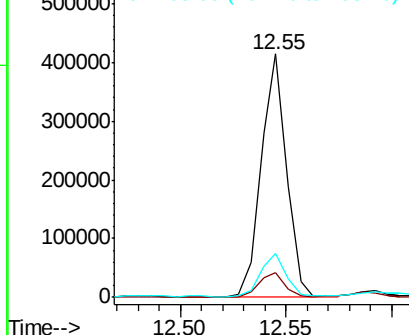
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	31.0
203	17.9	0.0	38.7

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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

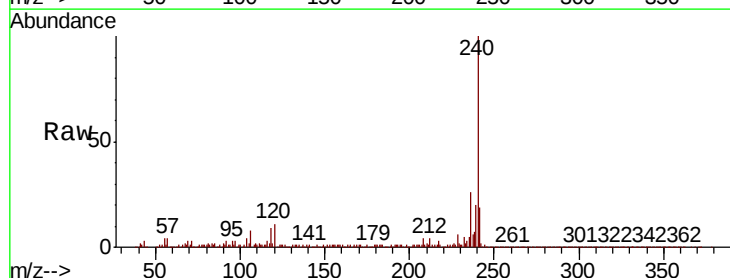
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

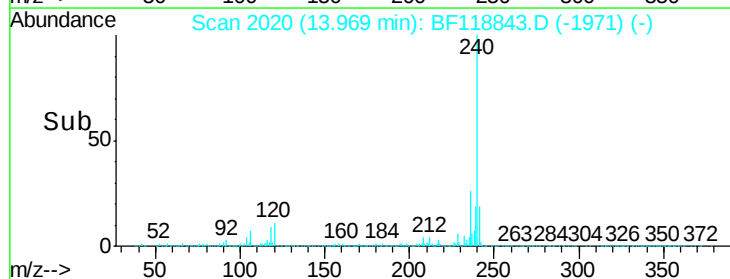
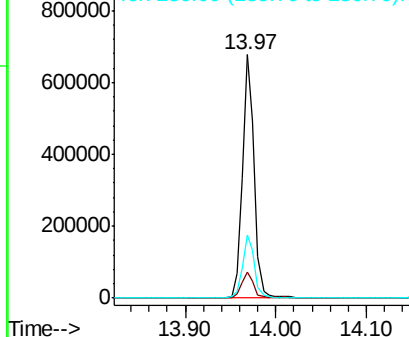
Lab File: BF118843.D

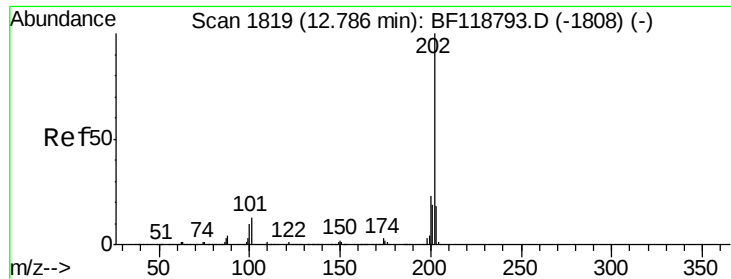
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.4	14.0
236	26.0	21.0	31.6



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





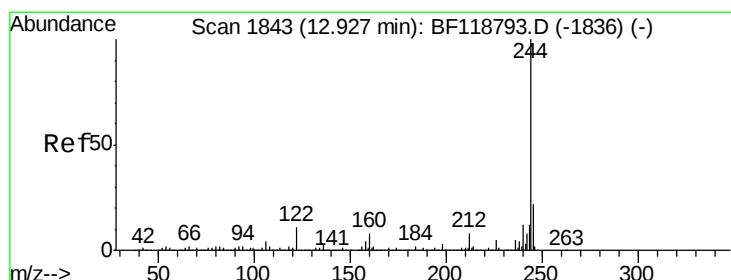
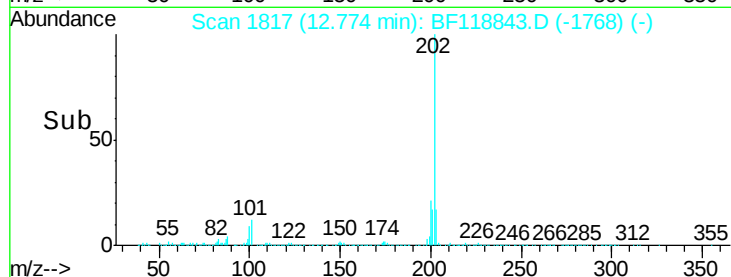
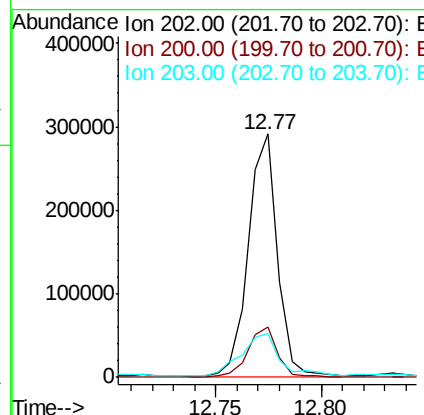
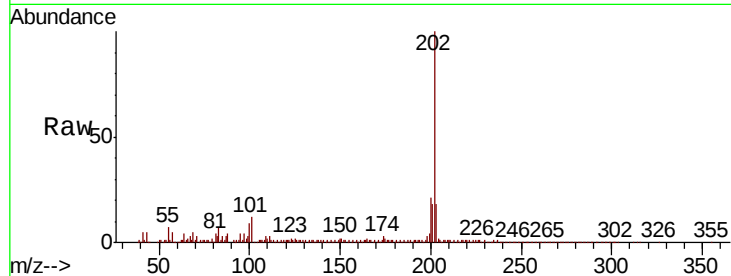
#78
Pvrene
Concen: 6.553 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

Tot Ion	Ratio	Resp	Lower	Upper
202	100	275397		
200	20.9		18.2	27.2
203	18.1		14.8	22.2

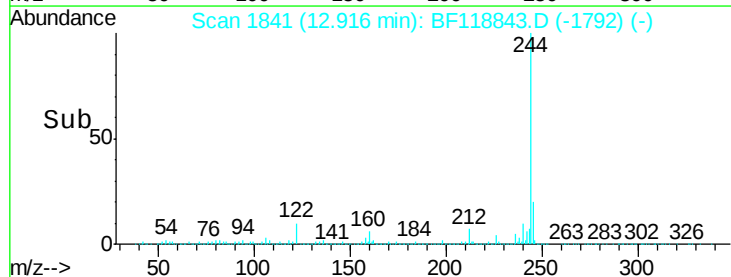
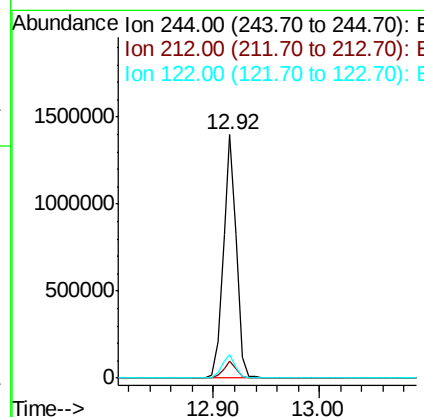
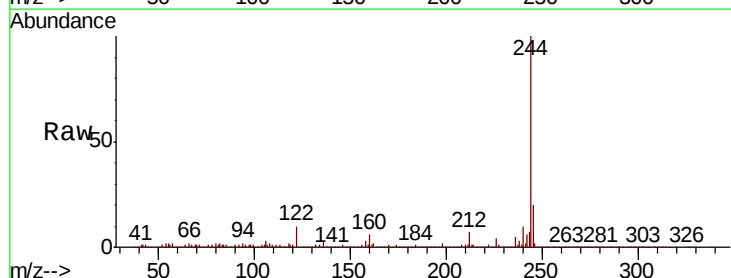
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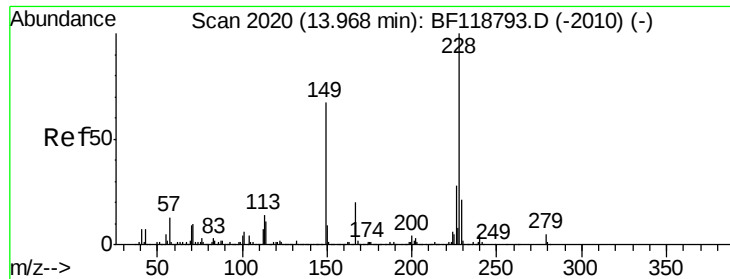
mohammad
2/10/2020 8:11:03 AM



#79
Terphenyl-d14
Concen: 40.667 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1212809		
212	6.8		6.5	9.7
122	9.8		8.9	13.3





#81

Benzo(a)anthracene

Concen: 3.386 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Instrument :

BNA_F

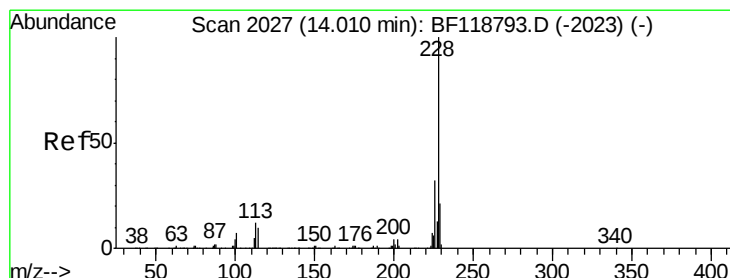
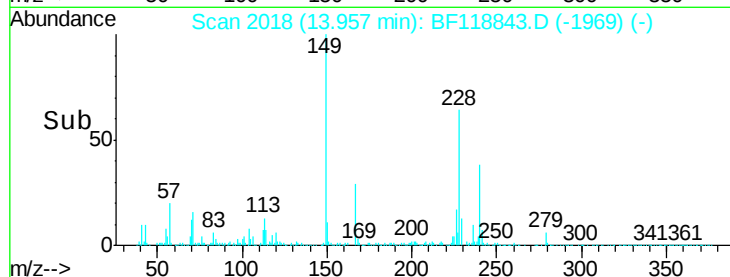
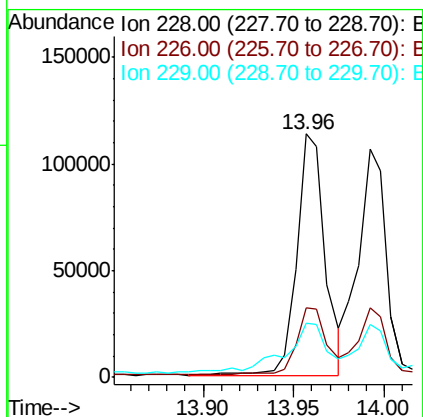
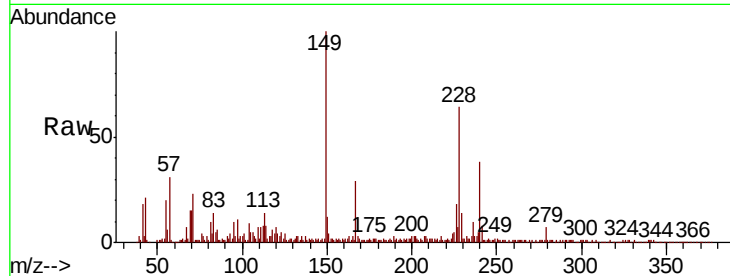
ClientSampleId :

CL-01-020520

Tot Ion:	228	Resp:	123428
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.7	34.1
229	22.3	16.6	25.0

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#83

Chrysene

Concen: 3.144 ng

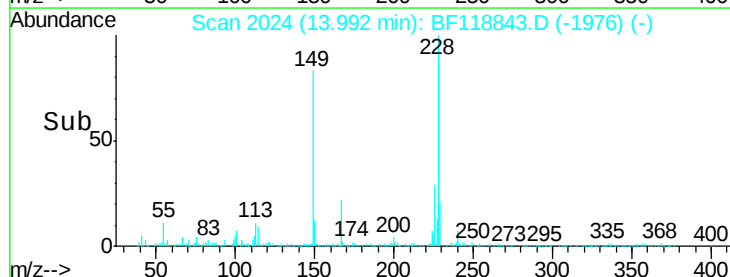
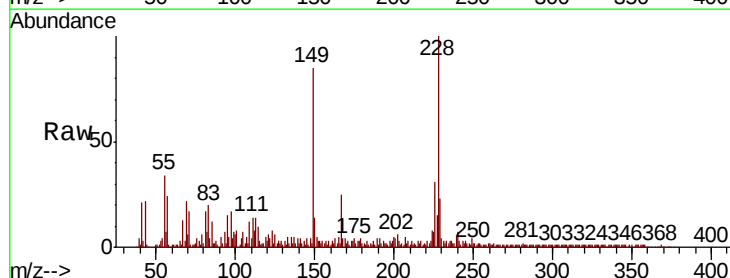
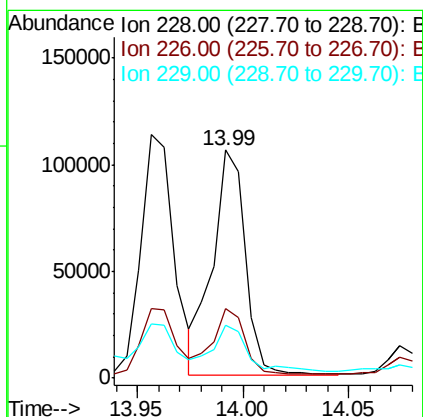
RT: 13.99 min Scan# 2024

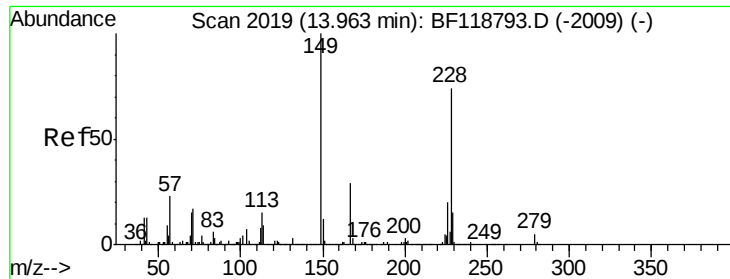
Delta R.T. -0.02 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Tgt Ion:	228	Resp:	115043
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.4	38.0
229	23.4	16.9	25.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.520 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF118843.D

Acq: 6 Feb 2020 18:04

Instrument :

BNA_F

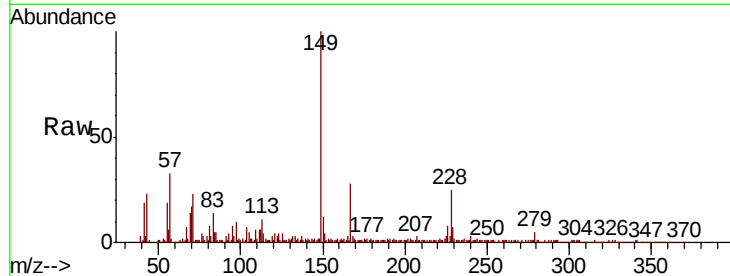
ClientSampled :

CL-01-020520

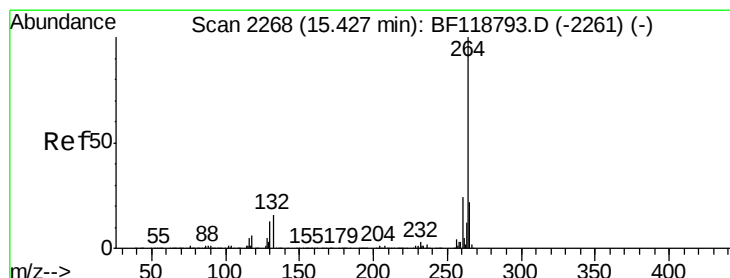
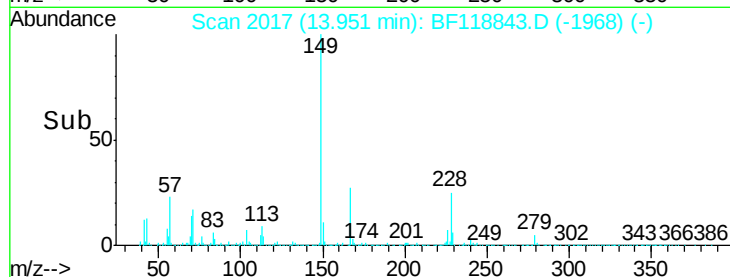
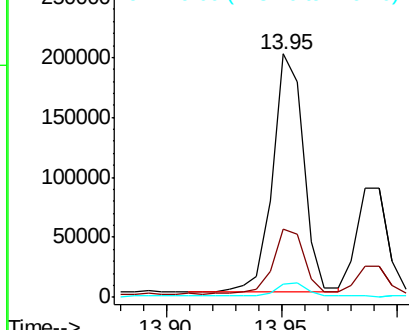
Tot Ion:	149	Resp:	183004
Ion Ratio	Lower	Upper	
149	100		
167	28.3	23.0	34.6
279	5.3	4.4	6.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

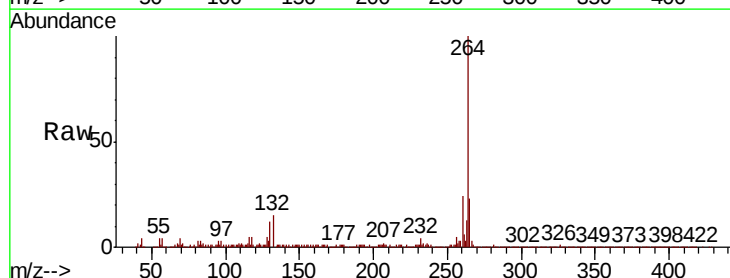
RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

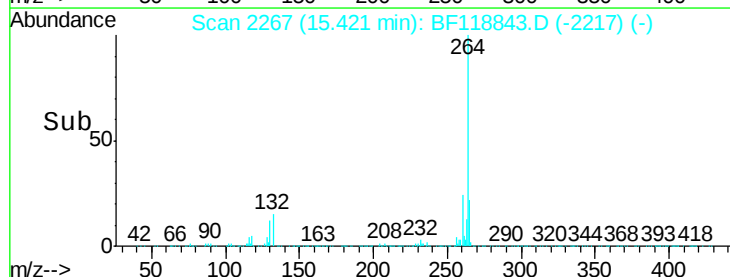
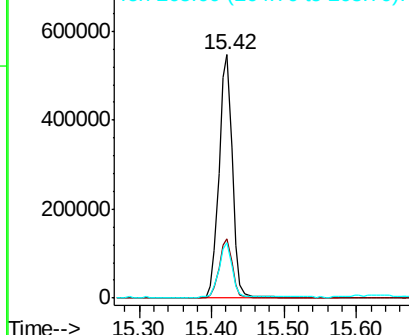
Lab File: BF118843.D

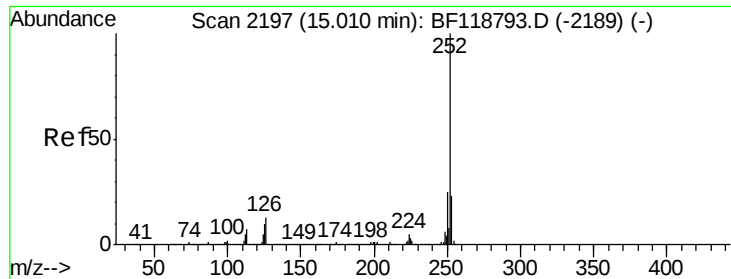
Acq: 6 Feb 2020 18:04

Tgt Ion:	264	Resp:	697105
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.1	28.7
265	22.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





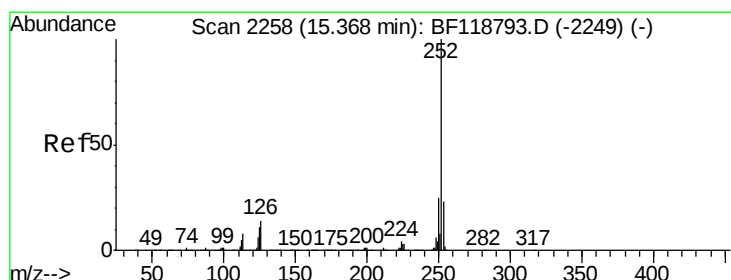
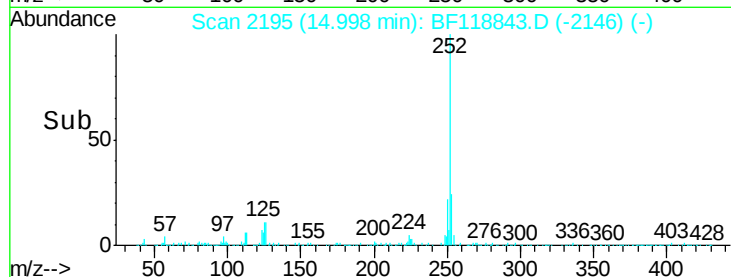
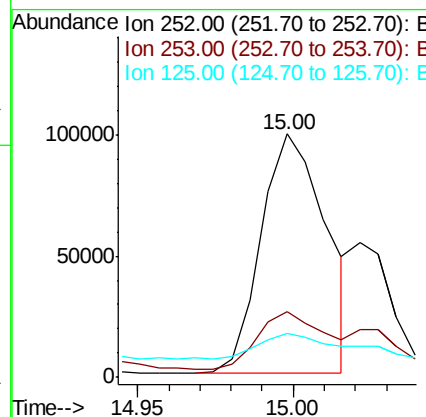
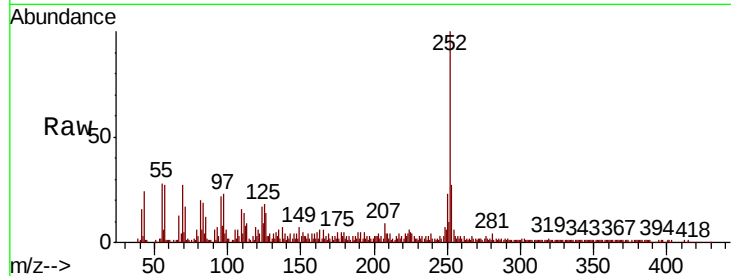
#88
Benzo(b)fluoranthene
Concen: 3.348 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Instrument :
BNA_F
ClientSampleId :
CL-01-020520

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.4	27.6
125	18.1	8.1	12.1

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#90
Benzo(a)pyrene
Concen: 2.789 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF118843.D
Acq: 6 Feb 2020 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.1	27.1
125	17.4	8.7	13.1

