

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118892.D
 Acq On : 11 Feb 2020 19:07
 Operator : CG/JU
 Sample : L1484-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Manual Integrations
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Quant Time: Feb 12 07:29:39 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	6.80	152	260389	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1030486	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	580146	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	849753	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	626499	20.00	ng	-0.02
87) Perylene-d12	15.42	264	615966	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1763909	128.23	ng	0.00
7) Phenol-d6	6.45	99	2191699	128.35	ng	0.00
23) Nitrobenzene-d5	7.36	82	1447735	83.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	835989	120.43	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	2650598	81.68	ng	-0.02
79) Terphenyl-d14	12.92	244	2648298	86.83	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	162653	4.118	ng	99
71) Phenanthrene	11.35	178	429841	10.281	ng	97
72) Anthracene	11.40	178	102955	2.475	ng	97
75) Fluoranthene	12.54	202	612384	13.415	ng	97
78) Pyrene	12.76	202	495890	11.538	ng	97
81) Benzo(a)anthracene	13.96	228	235387	6.314	ng	98
83) Chrysene	13.99	228	217184	5.804	ng	96
86) Indeno(1,2,3-cd)pyrene	16.85	276	119573	3.181	ng	95
88) Benzo(b)fluoranthene	14.99	252	255985m	6.697	ng	
89) Benzo(k)fluoranthene	15.02	252	103293m	3.103	ng	
90) Benzo(a)pyrene	15.35	252	176089	5.383	ng	# 92
92) Benzo(a,h,i)perylene	17.28	276	111525	3.994	ng	94

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

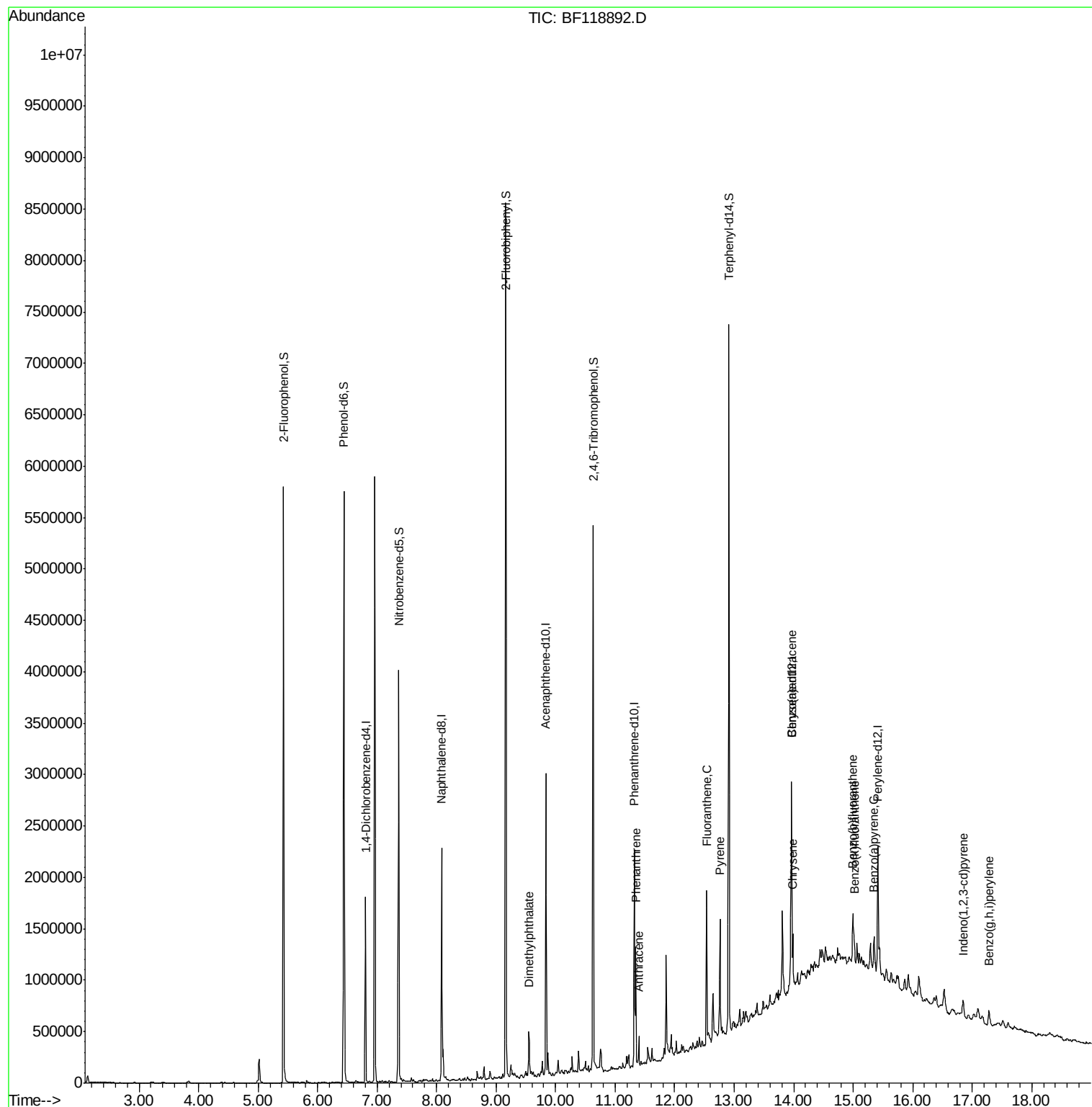
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
Data File : BF118892.D
Acq On : 11 Feb 2020 19:07
Operator : CG/JU
Sample : L1484-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

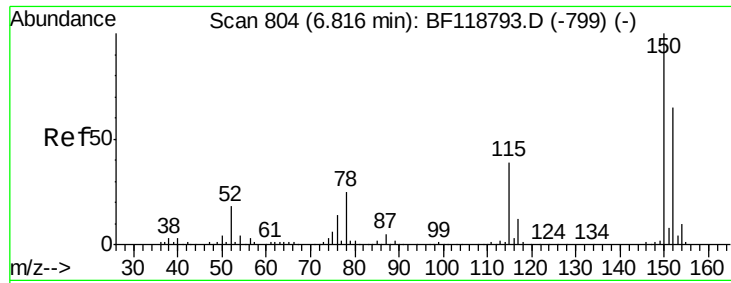
Instrument :
BNA_F
ClientSampleId :
SP-3

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Quant Time: Feb 12 07:29:39 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

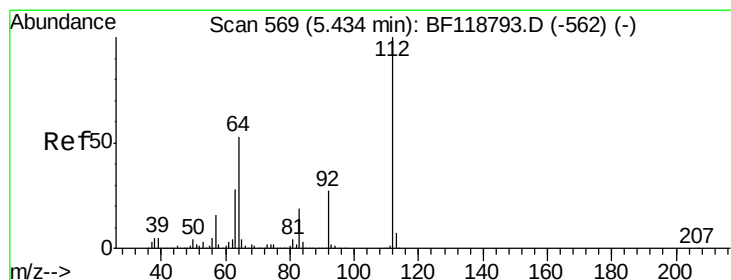
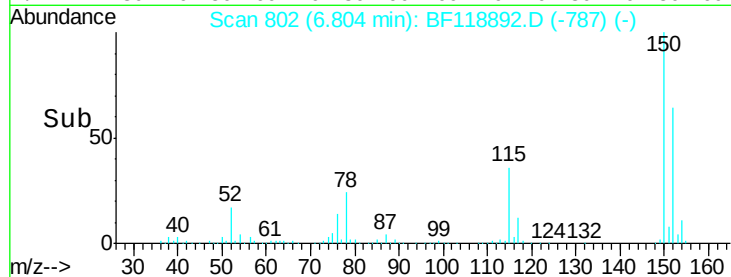
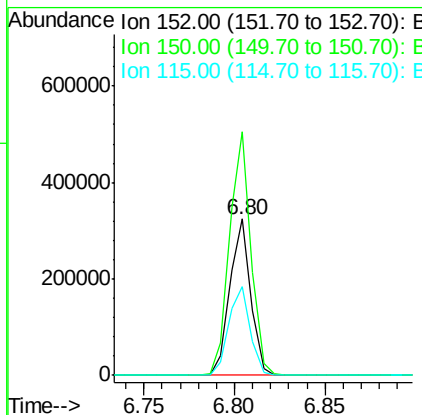
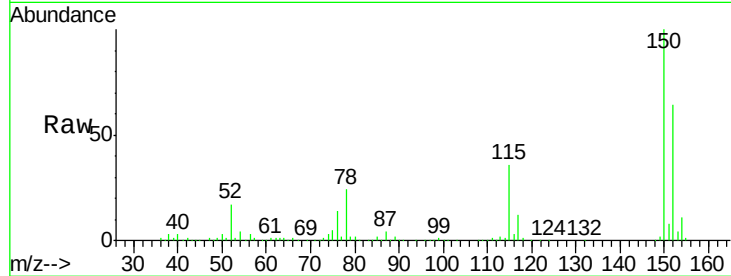
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.6	185.4
115	56.6	48.2	72.2

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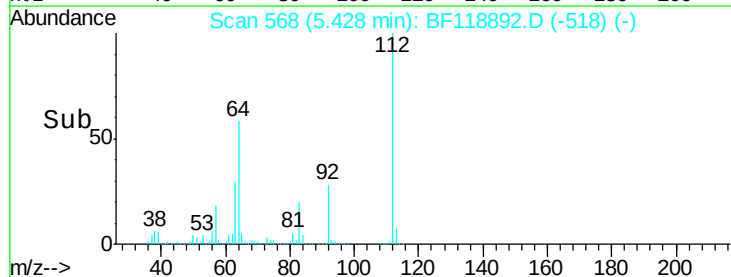
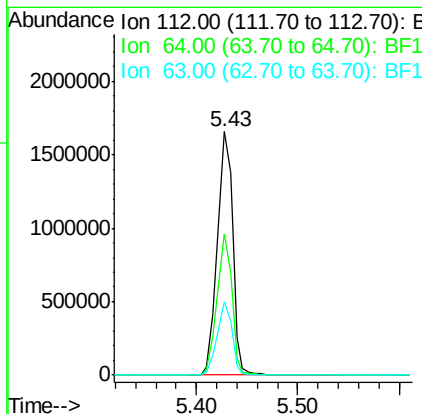
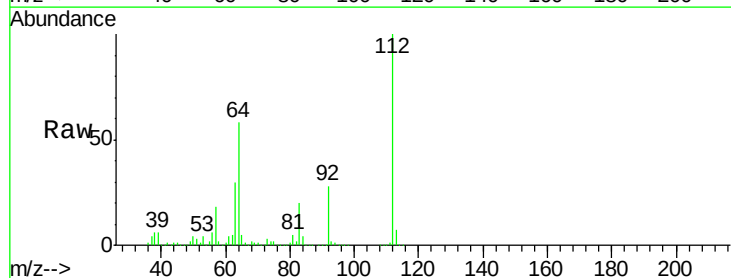
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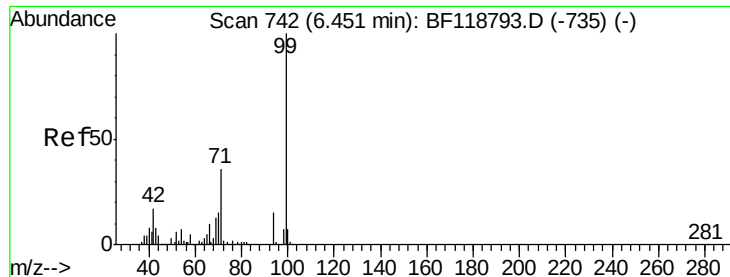


#5

2-Fluorophenol
Concen: 128.229 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.6	63.8
63	30.1	22.2	33.4





#7

Phenol-d6

Concen: 128.350 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118892.D

Acq: 11 Feb 2020 19:07

Instrument :

BNA_F

ClientSampleId :

SP-3

Tot Ion: 99 Resp: 2191699

Ion Ratio Lower Upper

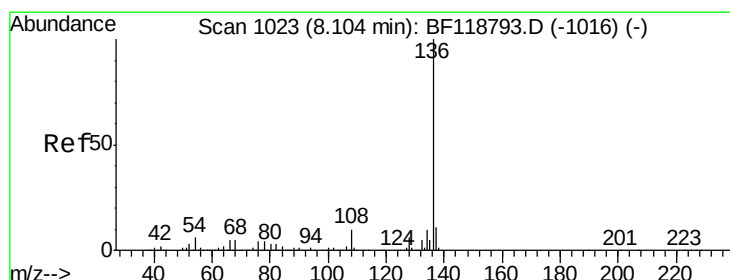
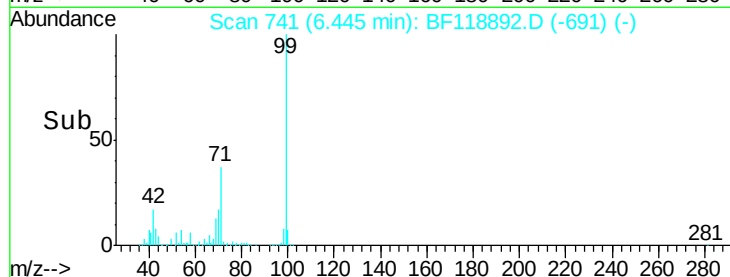
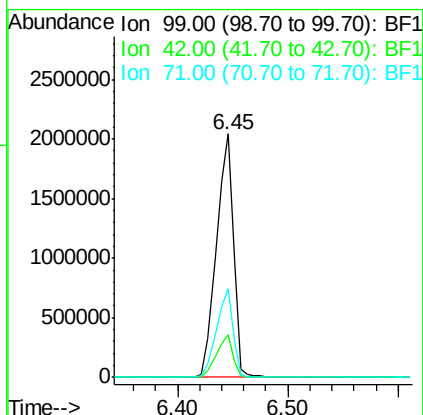
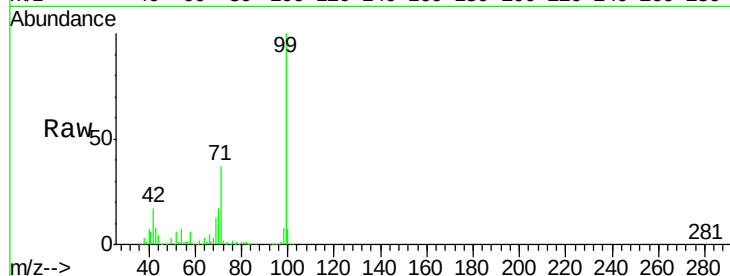
99 100

42 17.5 13.4 20.0

71 36.7 29.0 43.6

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF118892.D

Acq: 11 Feb 2020 19:07

Tgt Ion: 136 Resp: 1030486

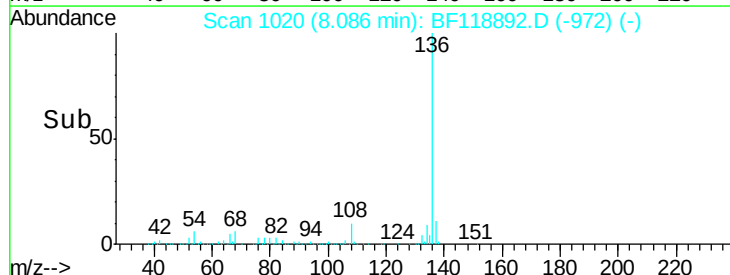
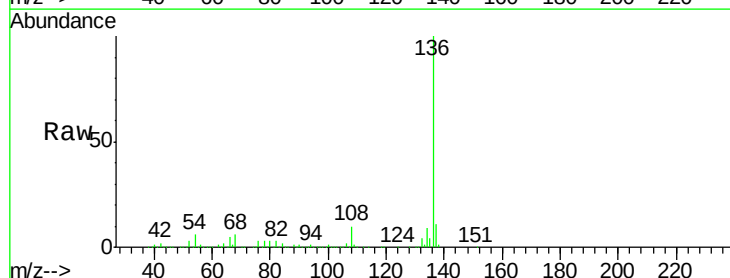
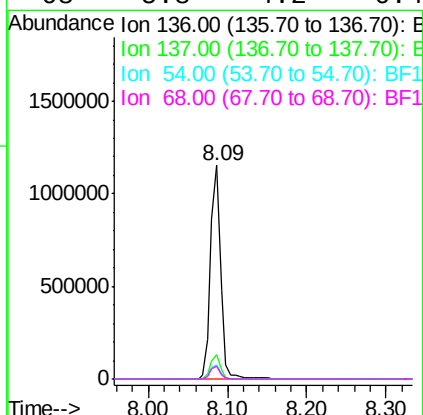
Ion Ratio Lower Upper

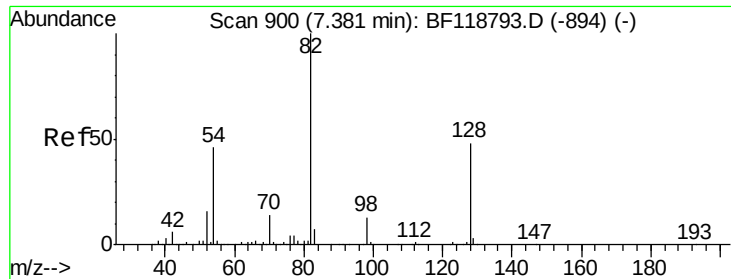
136 100

137 11.2 8.7 13.1

54 6.5 5.0 7.6

68 5.8 4.2 6.4





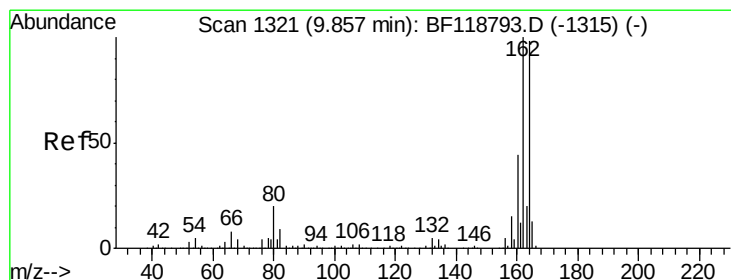
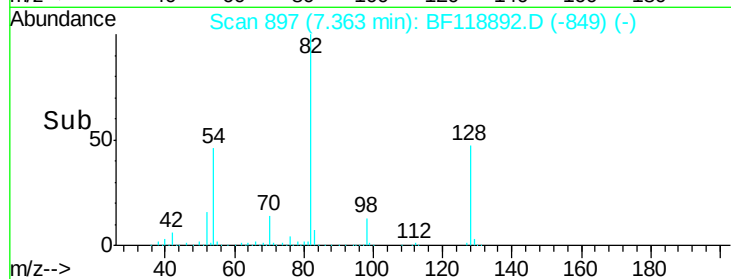
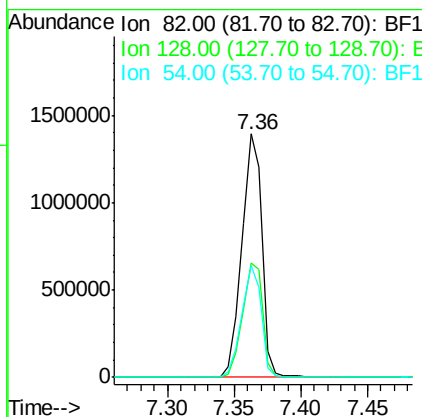
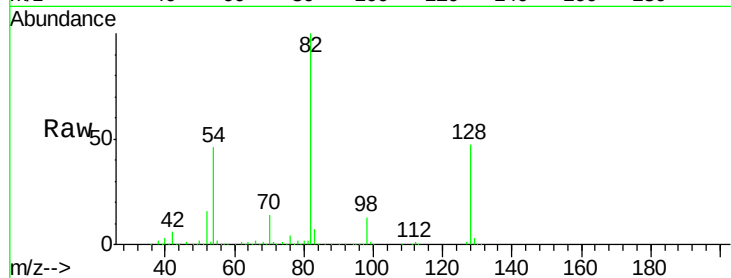
#23
 Nitrobenzene-d5
 Concen: 83.739 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF118892.D
 Acq: 11 Feb 2020 19:07

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tot Ion	82	Resp	1447735
Ion Ratio	100	Lower	Upper
82	100		
128	46.9	38.5	57.7
54	45.7	36.7	55.1

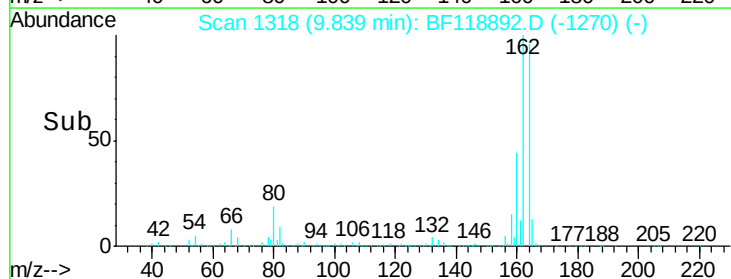
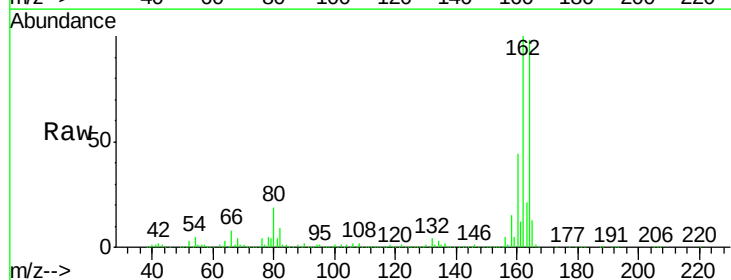
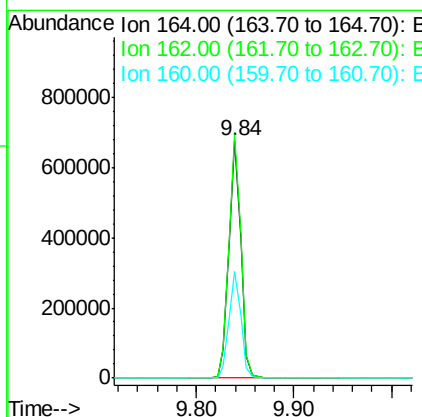
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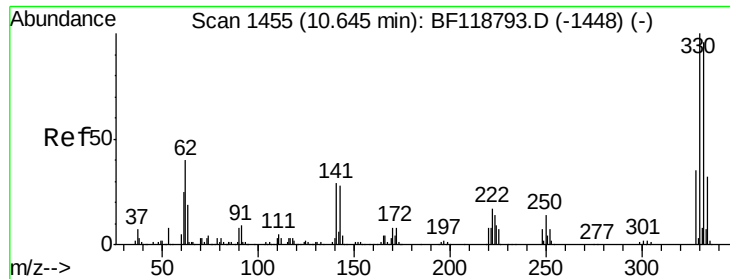
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF118892.D
 Acq: 11 Feb 2020 19:07

Tgt Ion	164	Resp	580146
Ion Ratio	100	Lower	Upper
164	100		
162	102.6	81.4	122.2
160	45.2	35.6	53.4





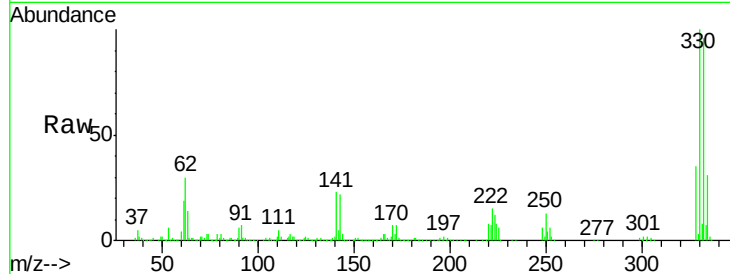
#42
 2,4,6-Tribromophenol
 Concen: 120.432 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118892.D
 Acq: 11 Feb 2020 19:07

Instrument :
 BNA_F
 ClientSampled :
 SP-3

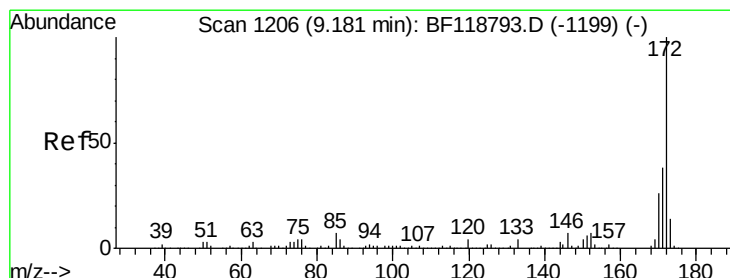
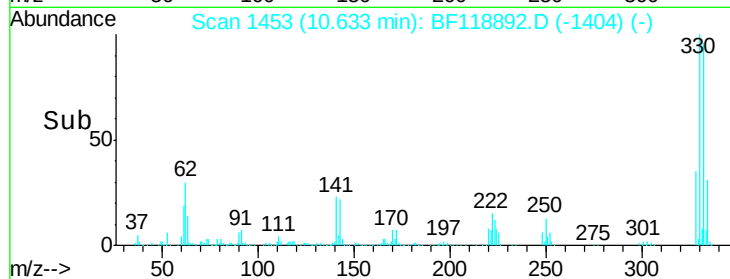
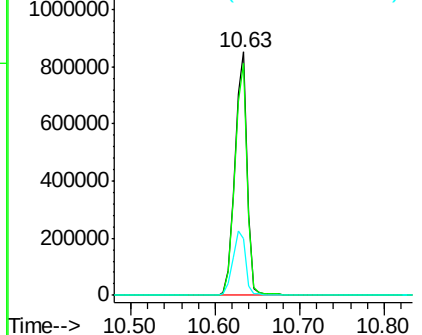
Tot Ion	Ratio	Resp	Lower	Upper
330	100	835989		
332	96.2		77.3	115.9
141	27.7		22.4	33.6

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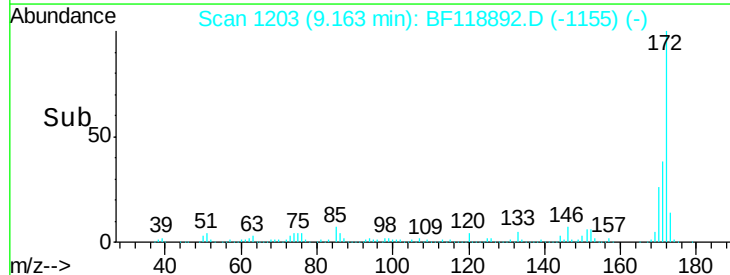
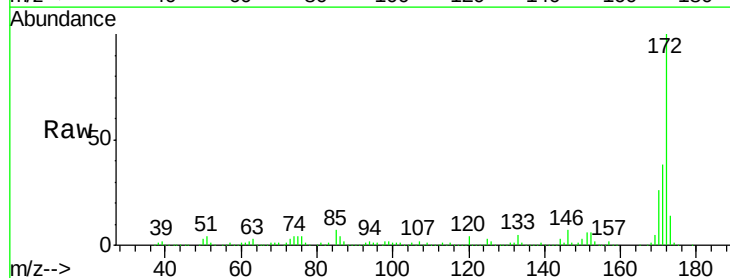
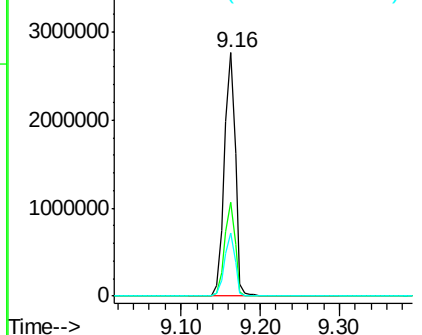
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

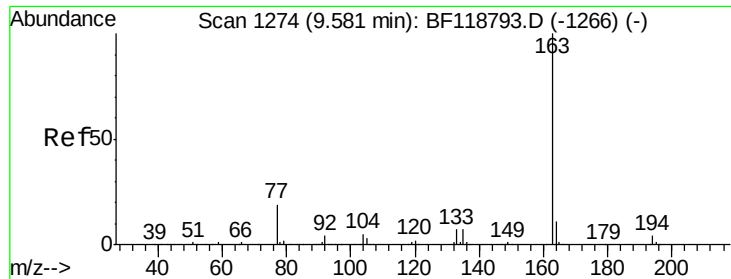


#45
 2-Fluorobiphenyl
 Concen: 81.677 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118892.D
 Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2650598		
171	38.4		30.8	46.2
170	25.9		20.5	30.7

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





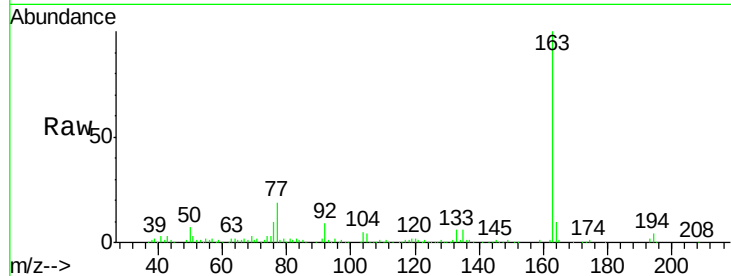
#50
Dimethylphthalate
Concen: 4.118 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampleId :
SP-3

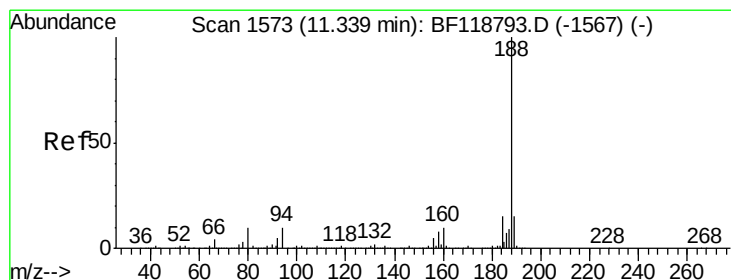
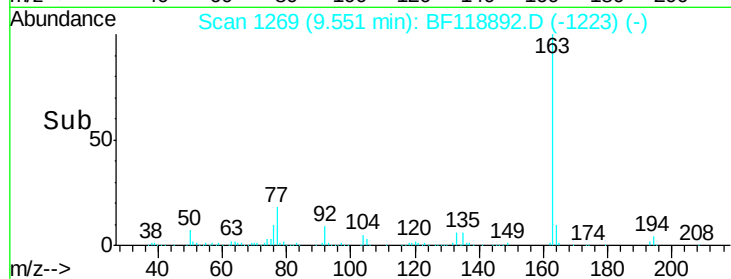
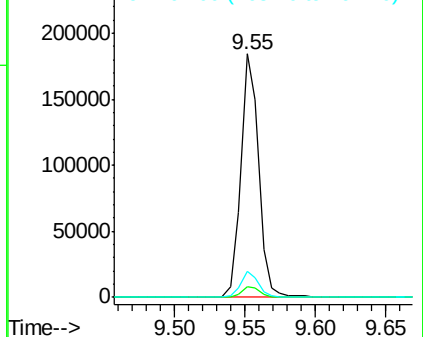
Tot Ion	Ratio	Resp	Lower	Upper
163	100	162653		
194	4.5	3.6	5.4	
164	10.4	8.7	13.1	

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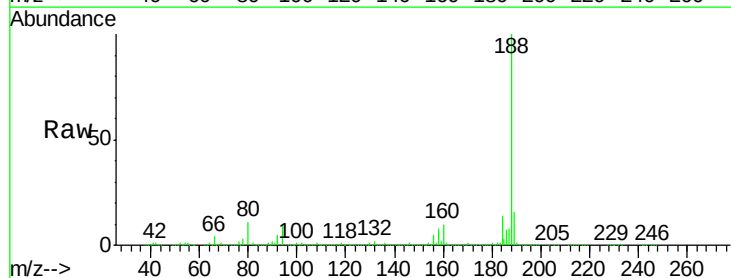


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

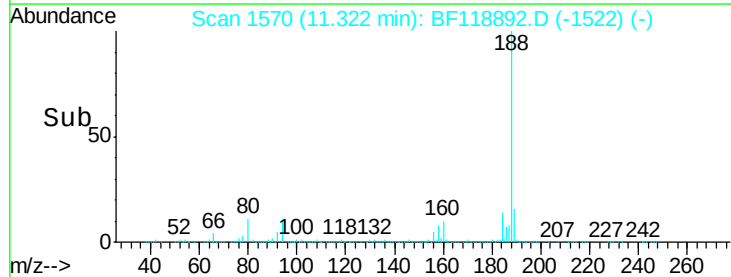
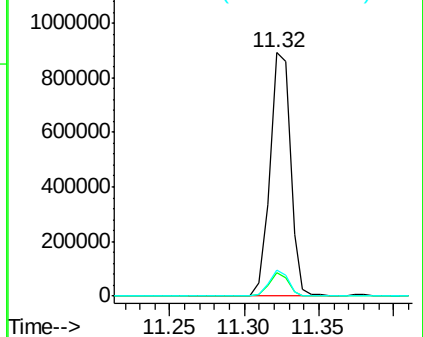


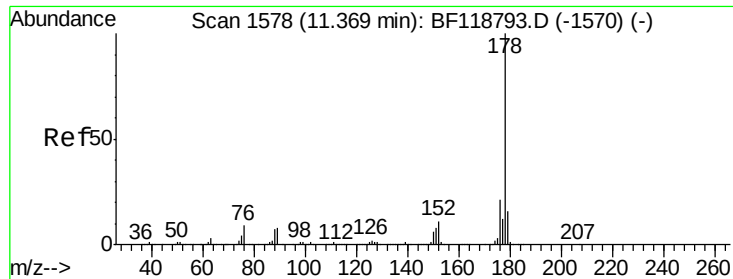
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	849753		
94	9.6	7.9	11.9	
80	10.6	8.4	12.6	



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: 10.281 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF118892.D

Acq: 11 Feb 2020 19:07

Instrument :

BNA_F

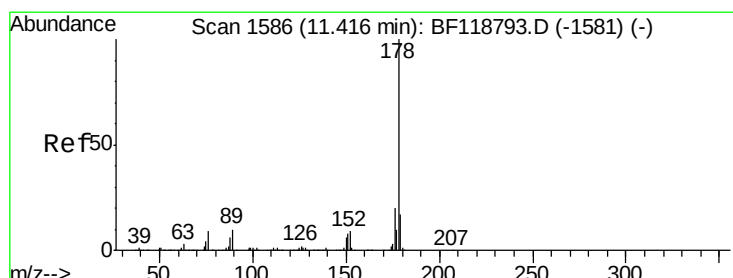
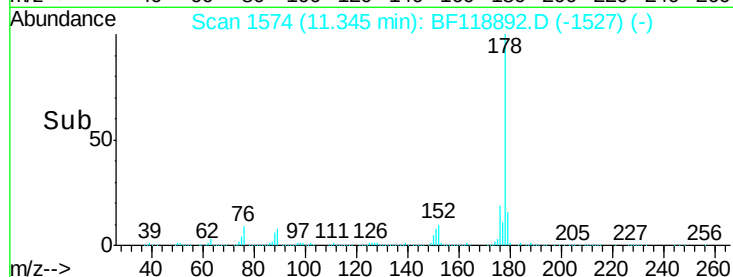
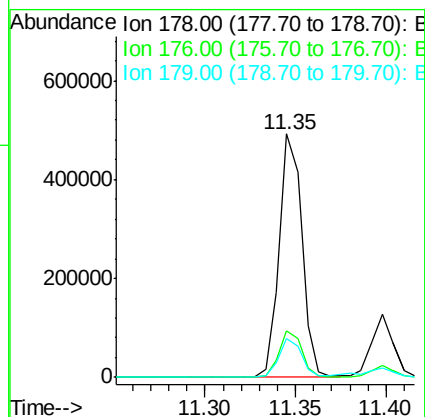
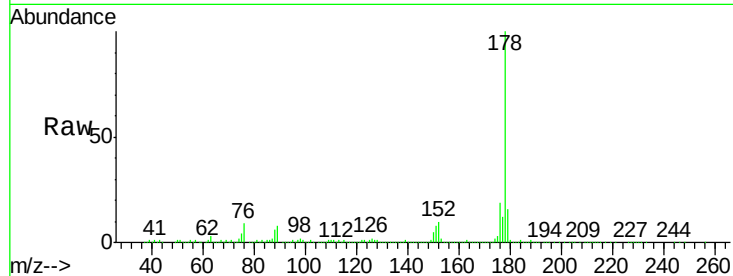
ClientSampled :

SP-3

Tot Ion:	178	Resp:	429841
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.6	24.8
179	15.8	13.2	19.8

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#72

Anthracene

Concen: 2.475 ng

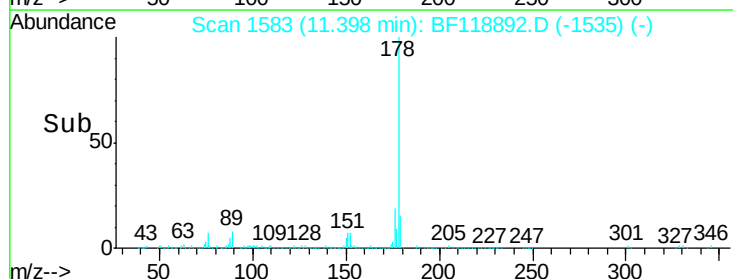
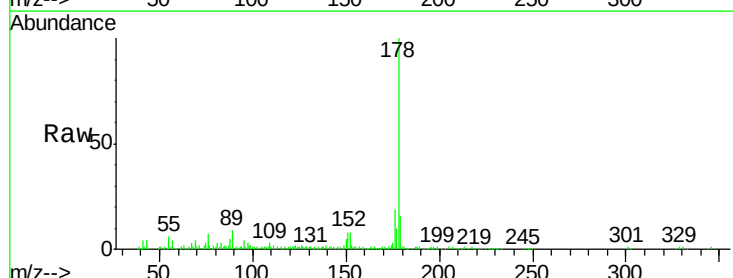
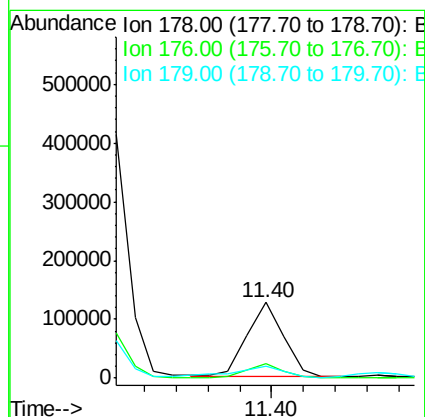
RT: 11.40 min Scan# 1583

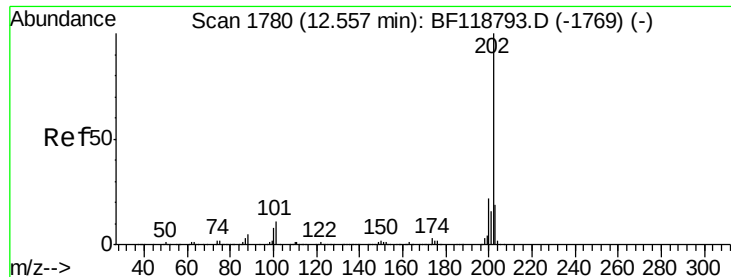
Delta R.T. -0.02 min

Lab File: BF118892.D

Acq: 11 Feb 2020 19:07

Tgt Ion:	178	Resp:	102955
Ion Ratio	Lower	Upper	
178	100		
176	19.0	16.2	24.2
179	15.5	13.4	20.2





#75

Fluoranthene

Concen: 13.415 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.02 min

Lab File: BF118892.D

Acq: 11 Feb 2020 19:07

Instrument :

BNA_F

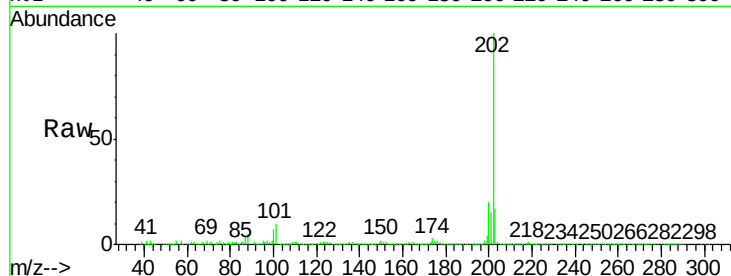
ClientSampleId :

SP-3

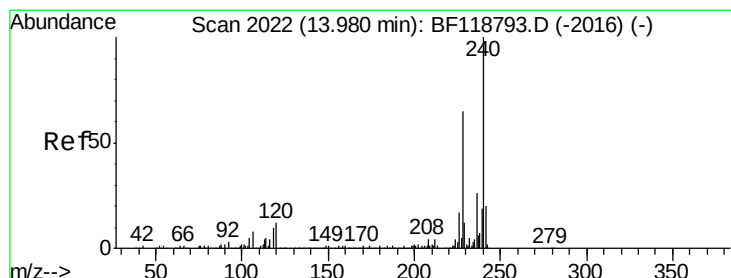
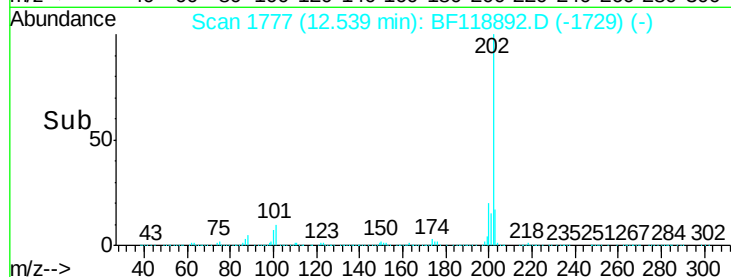
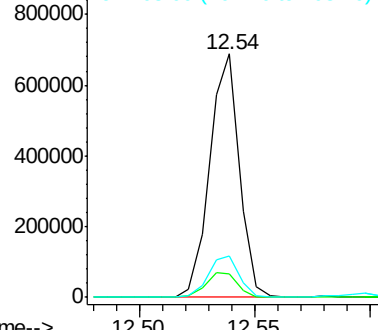
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.0
203	17.1	0.0	38.7

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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

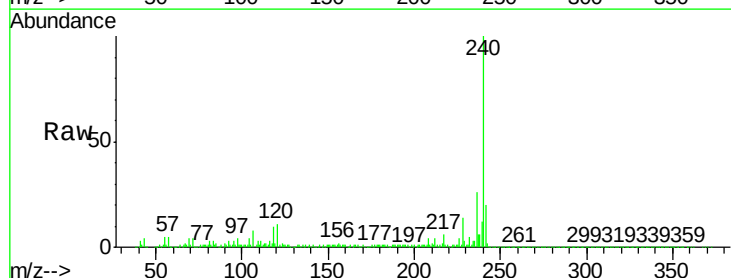
RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

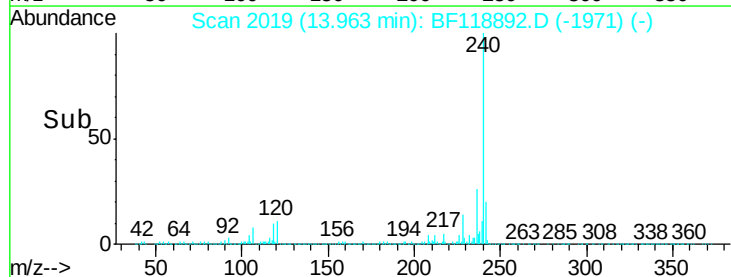
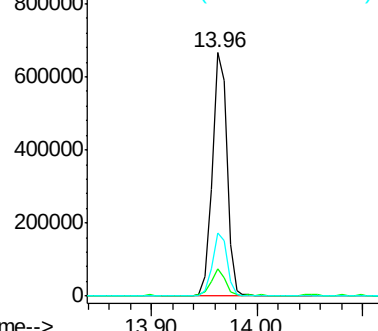
Lab File: BF118892.D

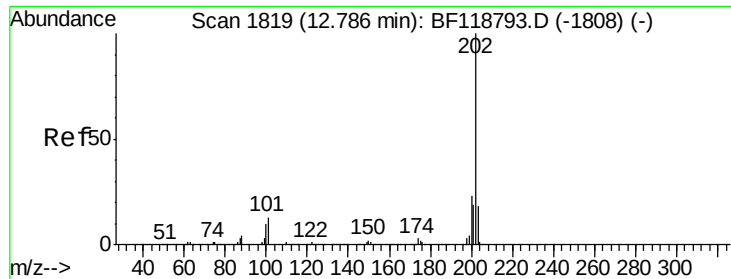
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.1	9.4	14.0
236	25.7	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





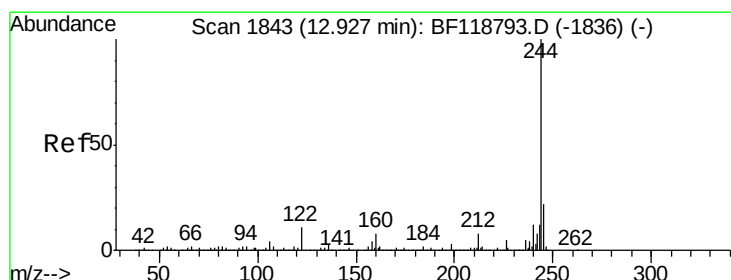
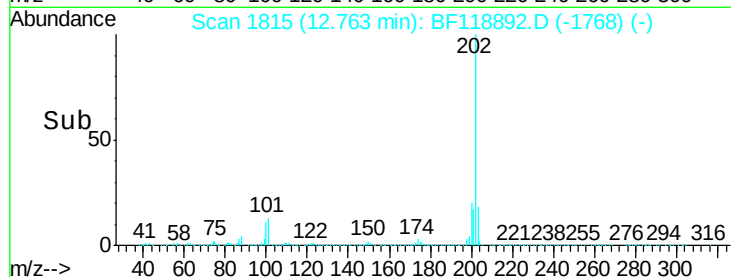
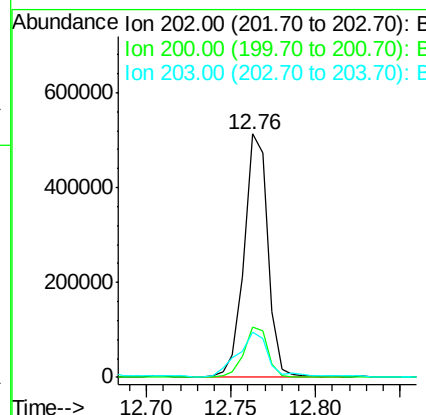
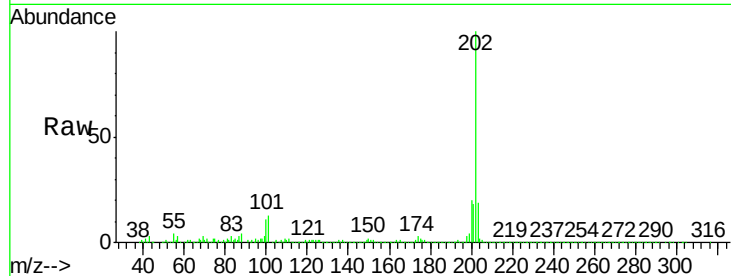
#78
Pvrene
Concen: 11.538 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	495890		
200	20.5	18.2	27.2	
203	18.5	14.8	22.2	

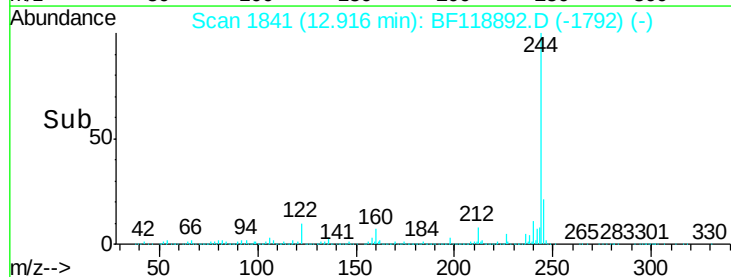
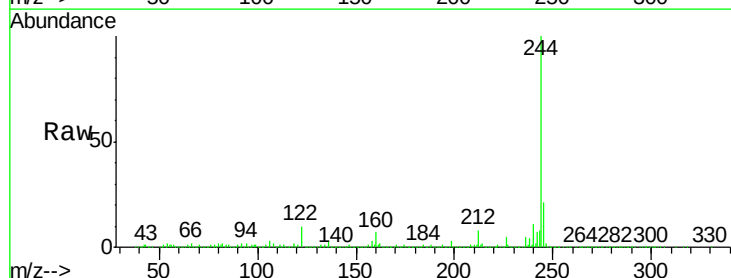
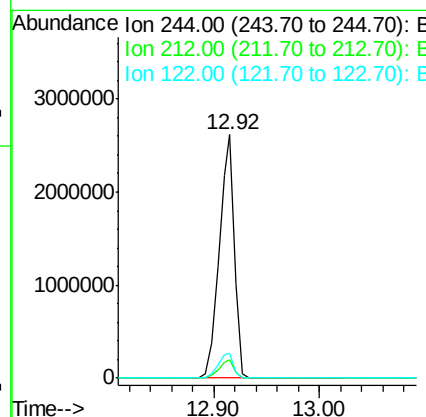
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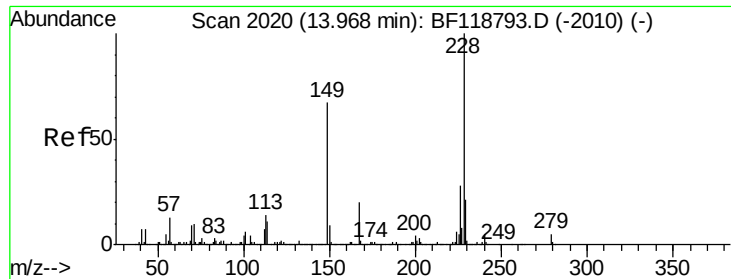
mohammad
2/12/2020 3:50:59 PM



#79
Terphenyl-d14
Concen: 86.827 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2648298		
212	7.6	6.5	9.7	
122	9.9	8.9	13.3	





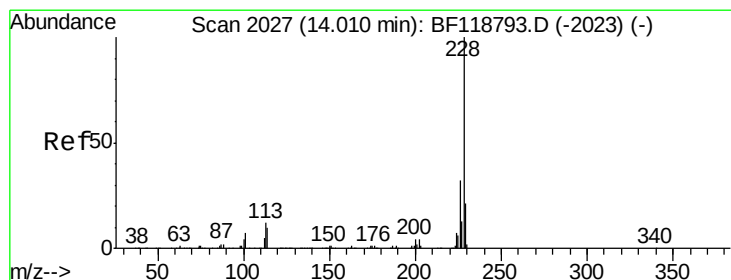
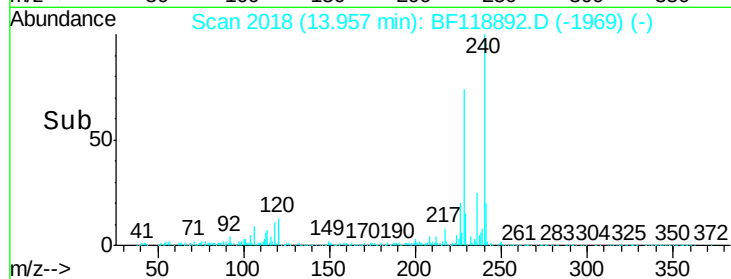
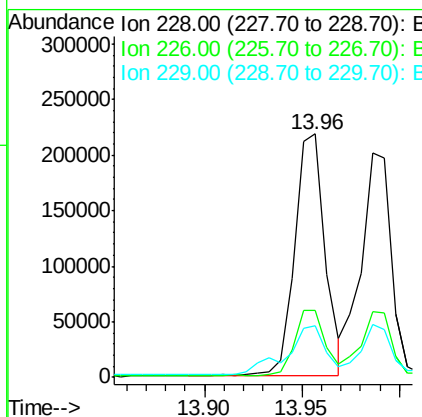
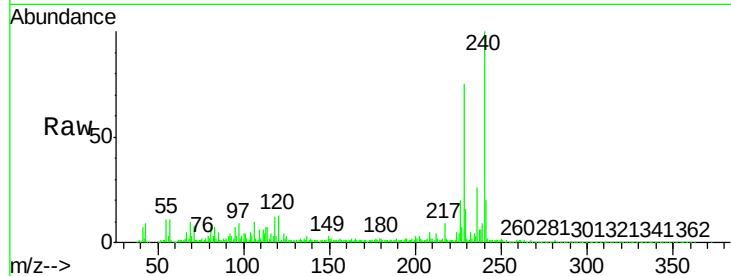
#81
Benzo(a)anthracene
Concen: 6.314 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.7	34.1
229	21.3	16.6	25.0

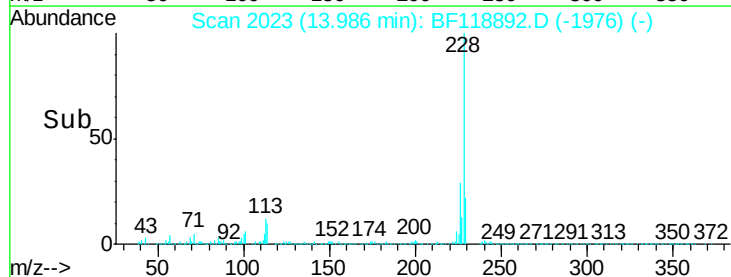
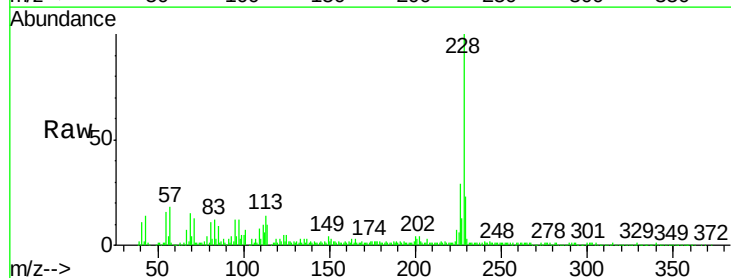
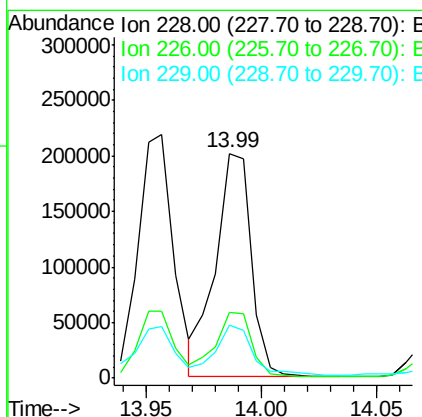
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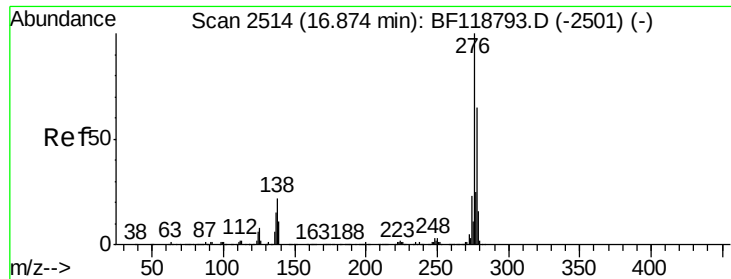
mohammad
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#83
Chrysene
Concen: 5.804 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	23.4	16.9	25.3





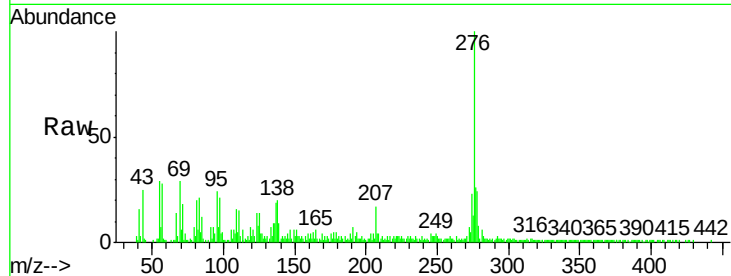
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.181 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.7	18.3	27.5
277	24.1	20.2	30.4

Manual Integrations
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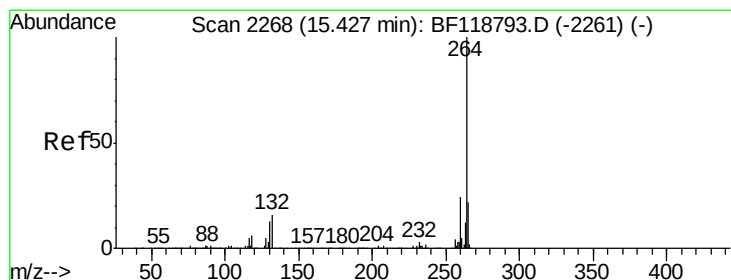
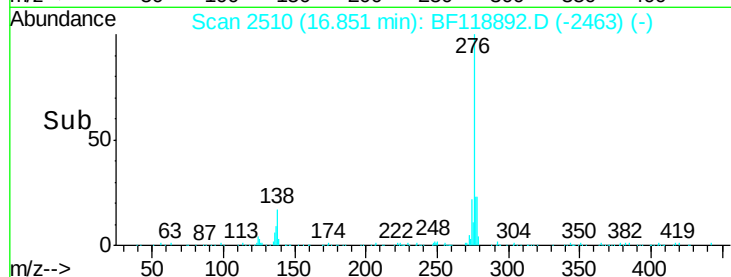
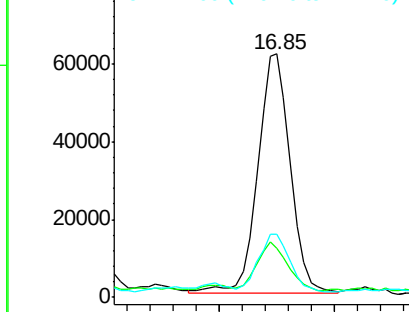


Abundance

Ion 276.00 (275.70 to 276.70): E

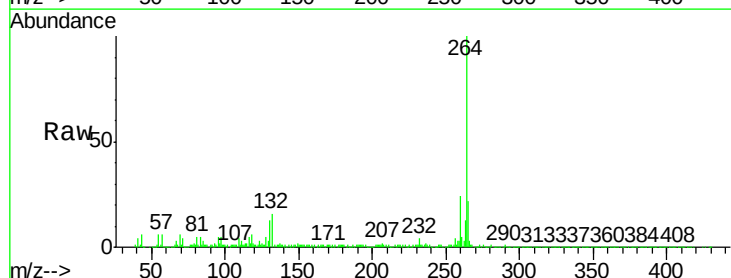
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.9	17.2	25.8

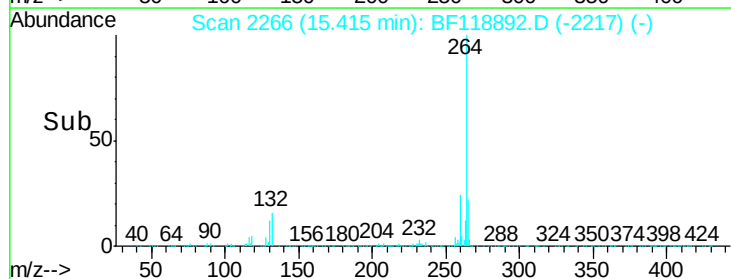
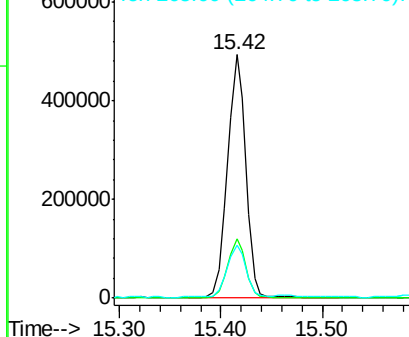


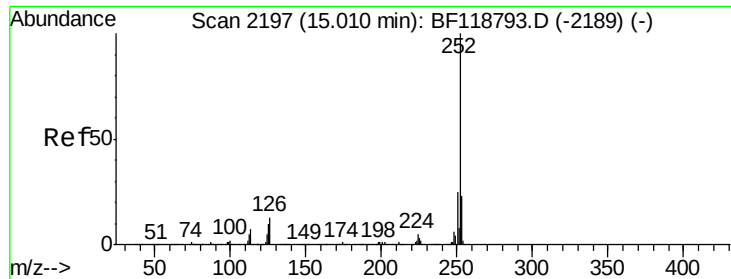
Abundance

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





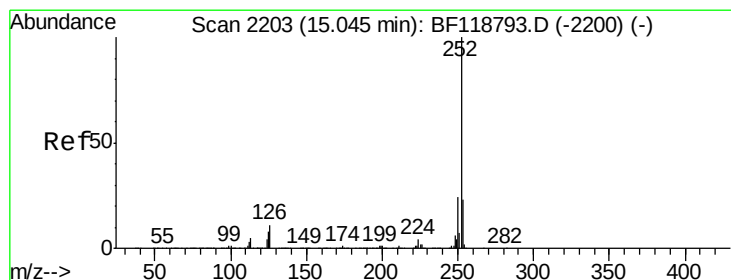
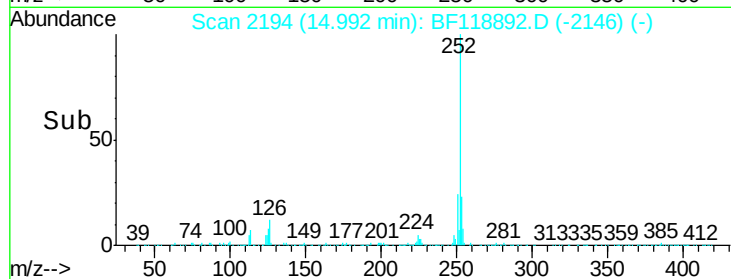
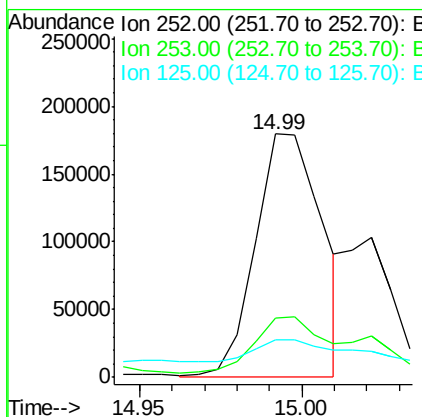
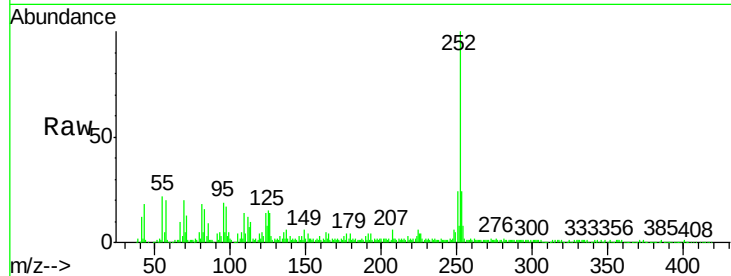
#88
Benzo(b)fluoranthene
Concen: 6.697 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampleId :
SP-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.1	18.4	27.6
125	15.4	8.1	12.1#

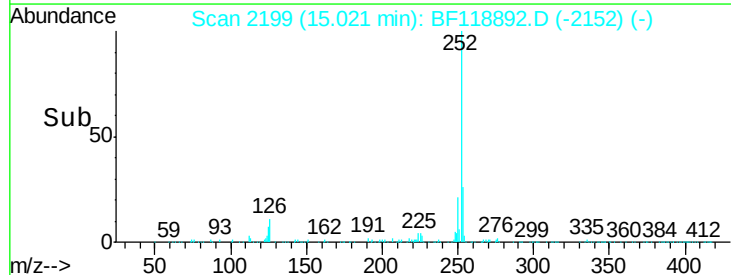
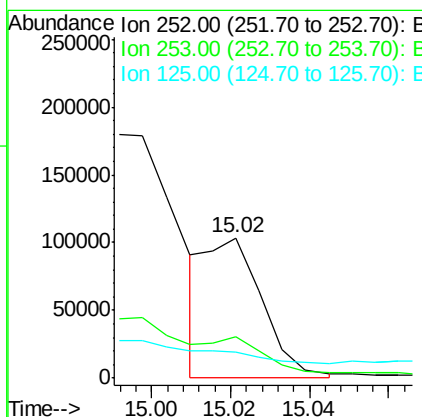
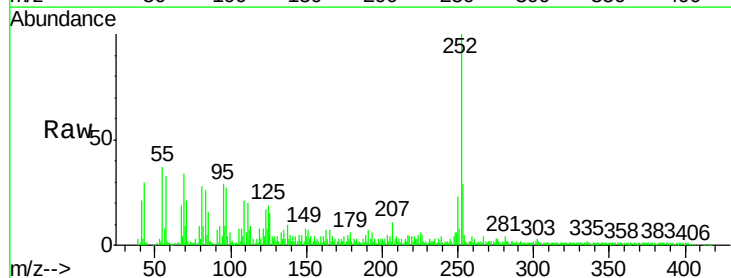
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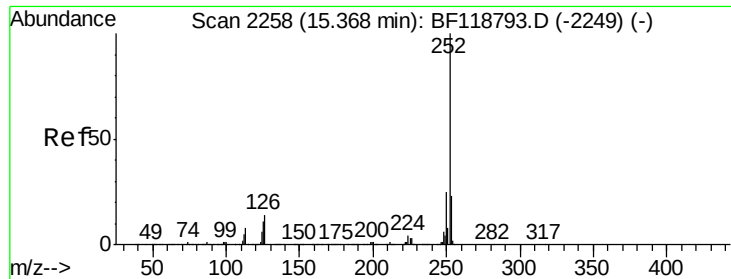
mohammad
2/12/2020 3:50:59 PM



#89
Benzo(k)fluoranthene
Concen: 3.103 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	29.1	18.2	27.4#
125	18.8	7.0	10.6#





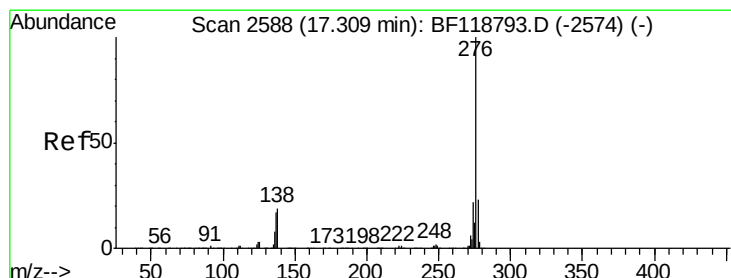
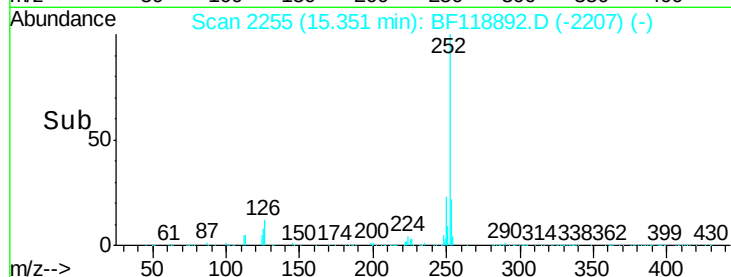
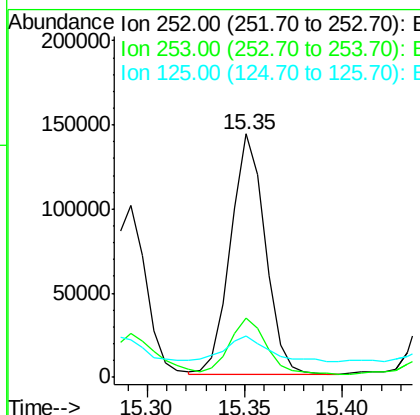
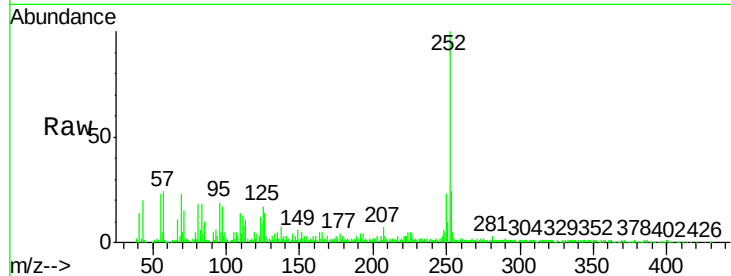
#90
Benzo(a)pyrene
Concen: 5.383 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Instrument :
BNA_F
ClientSampled :
SP-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	18.1	27.1
125	17.1	8.7	13.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.994 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BF118892.D
Acq: 11 Feb 2020 19:07

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	25.9	18.7	28.1
138	22.6	15.4	23.2

