

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117733.D
 Acq On : 8 Nov 2019 16:16
 Operator : JU
 Sample : K5722-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-C

Manual Integrations
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mohammad
 11/11/2019 8:06:01 AM

Quant Time: Nov 09 02:27:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	354457	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1391521	20.00	ng	-0.01
39) Acenaphthene-d10	9.97	164	764755	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	1401790	20.00	ng	0.00
76) Chrysene-d12	14.12	240	848254	20.00	ng	0.00
87) Perylene-d12	15.63	264	835775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1703062	86.97	ng	0.00
7) Phenol-d6	6.55	99	2168582	89.82	ng	-0.01
23) Nitrobenzene-d5	7.49	82	1327985	56.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.77	330	675639	90.31	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2539179	65.51	ng	-0.01
79) Terphenyl-d14	13.06	244	2708383	65.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.68	163	111188	2.151	ng	98
71) Phenanthrene	11.49	178	743800	11.070	ng	97
75) Fluoranthene	12.69	202	1045154	15.234	ng	96
78) Pyrene	12.92	202	924731	14.934	ng	98
81) Benzo(a)anthracene	14.11	228	338930	6.419	ng	97
83) Chrysene	14.14	228	417940	8.015	ng	97
86) Indeno(1,2,3-cd)pyrene	17.14	276	142792	2.942	ng	95
88) Benzo(b)fluoranthene	15.17	252	432743m	8.221	ng	
89) Benzo(k)fluoranthene	15.20	252	107346m	2.286	ng	
90) Benzo(a)pyrene	15.56	252	185020	4.055	ng	98
92) Benzo(g,h,i)perylene	17.60	276	133187	3.358	ng	96

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

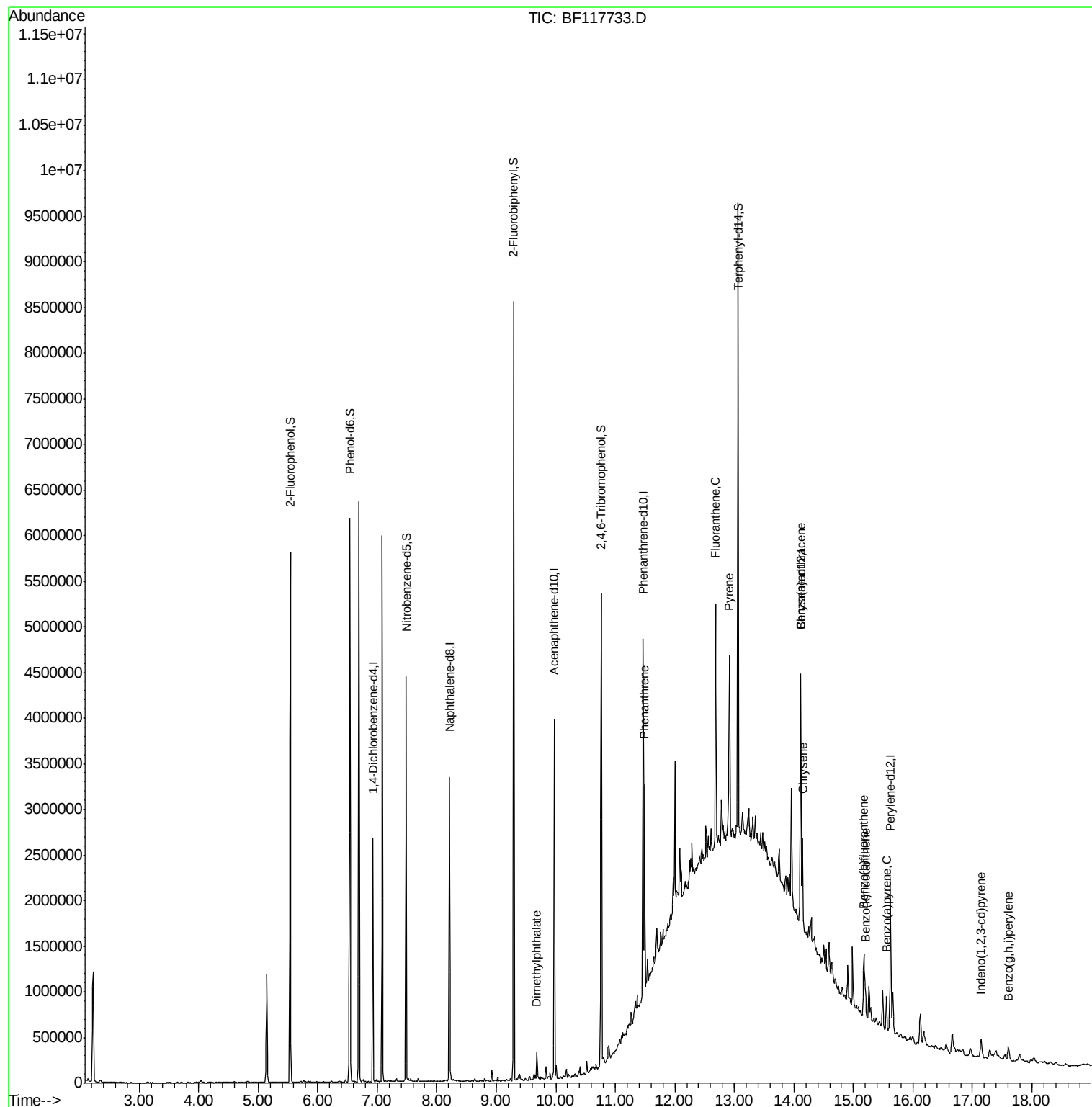
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117733.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

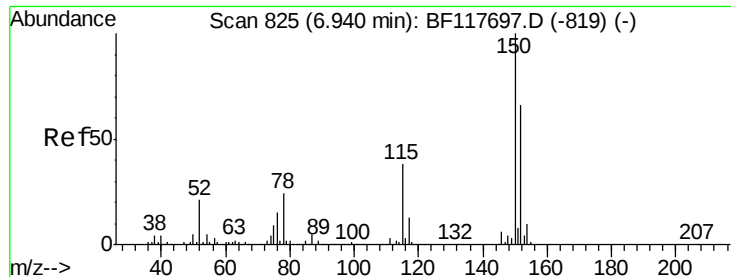
Instrument :
BNA_F
ClientSampled :
1-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

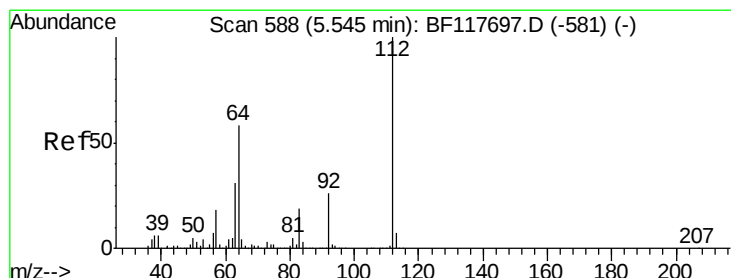
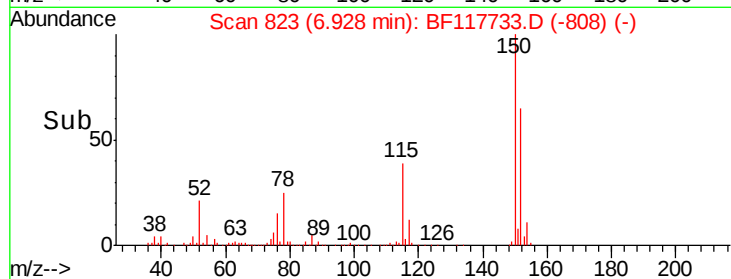
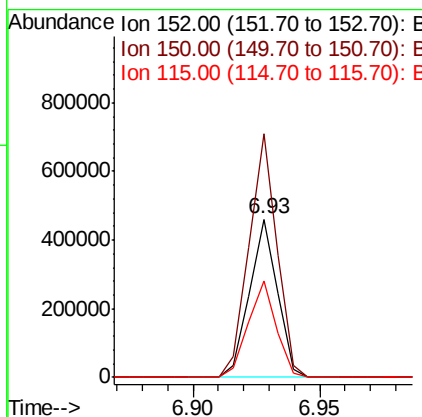
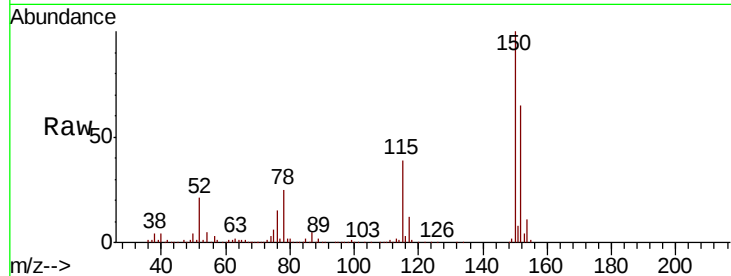
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.4	182.2
115	60.5	46.7	70.1

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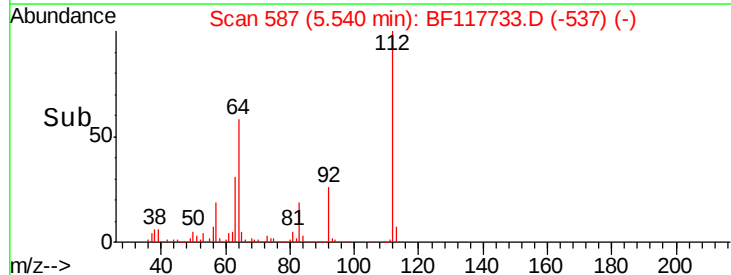
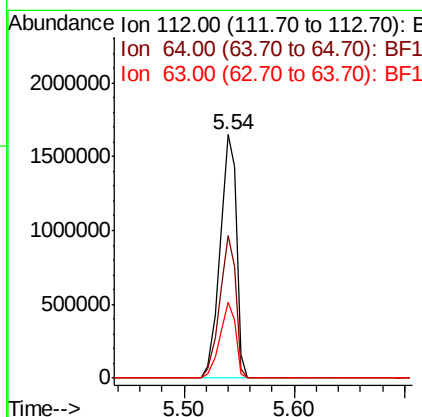
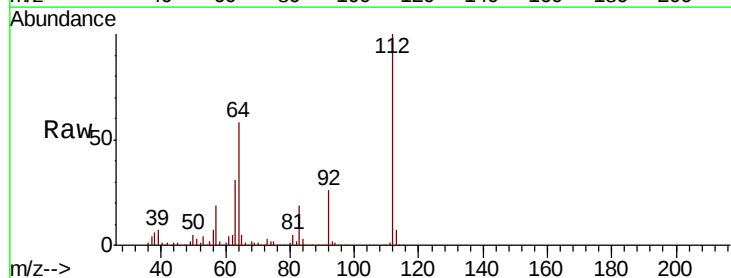
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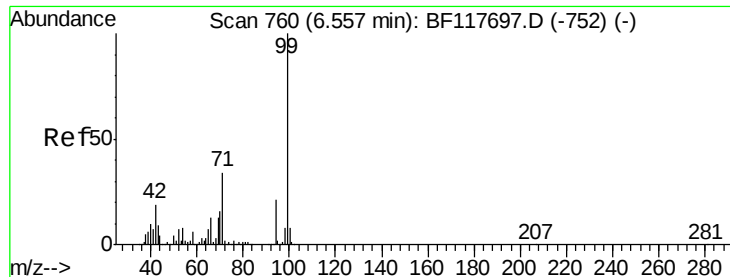


#5

2-Fluorophenol
Concen: 86.973 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	46.4	69.6
63	31.1	24.6	37.0





#7

Phenol-d6

Concen: 89.816 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Instrument :

BNA_F

ClientSampled :

1-C

Tot Ion: 99 Resp: 2168582

Ion Ratio Lower Upper

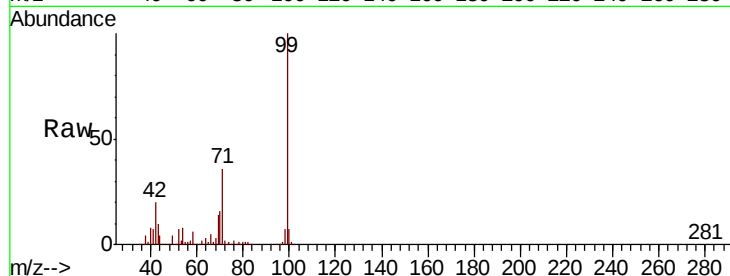
99 100

42 19.8 15.3 22.9

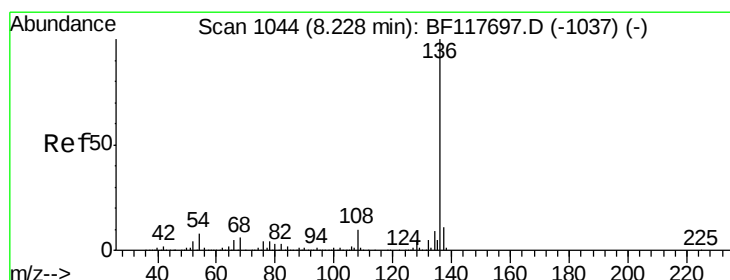
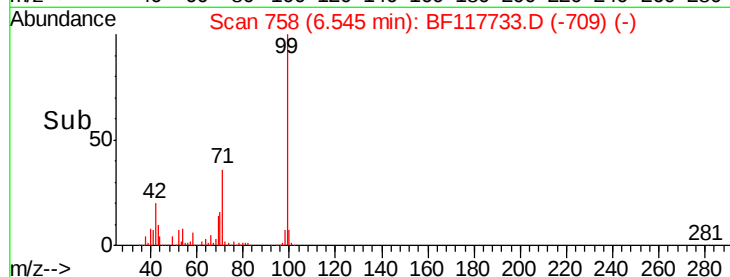
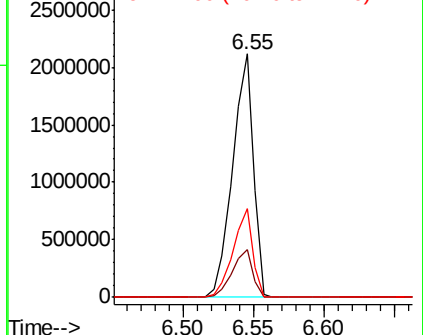
71 36.2 26.8 40.2

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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: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Tgt Ion: 136 Resp: 1391521

Ion Ratio Lower Upper

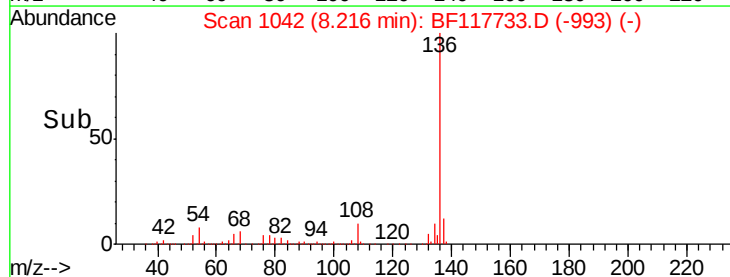
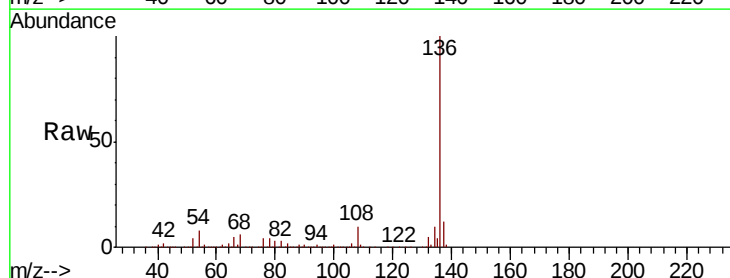
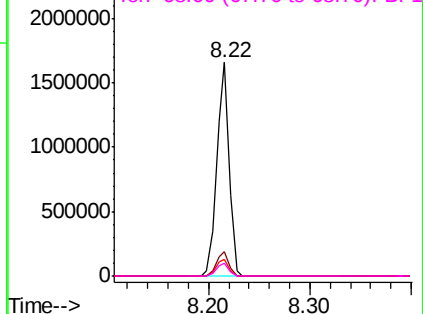
136 100

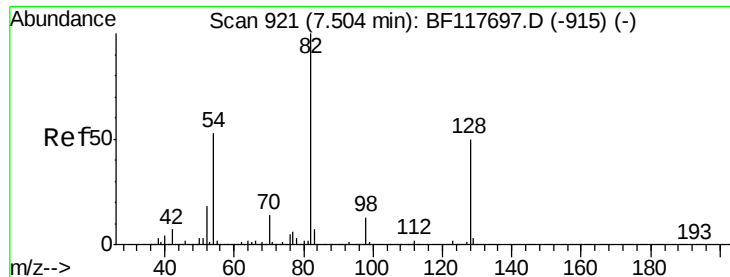
137 11.5 8.8 13.2

54 7.6 6.0 9.0

68 6.0 4.8 7.2

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





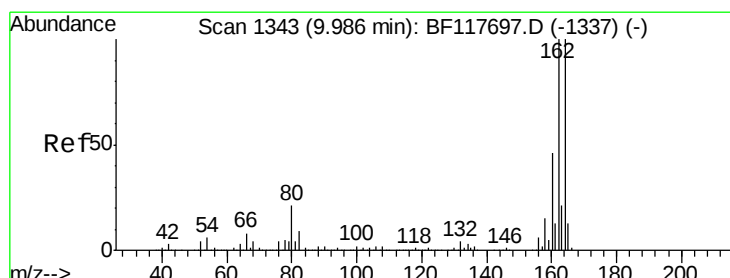
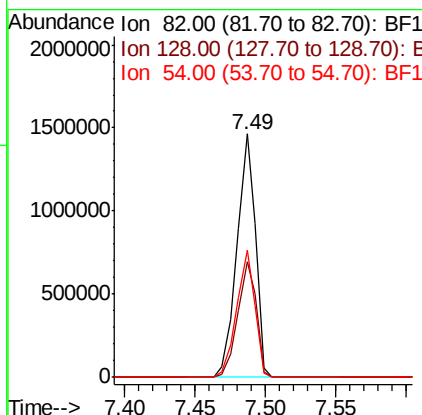
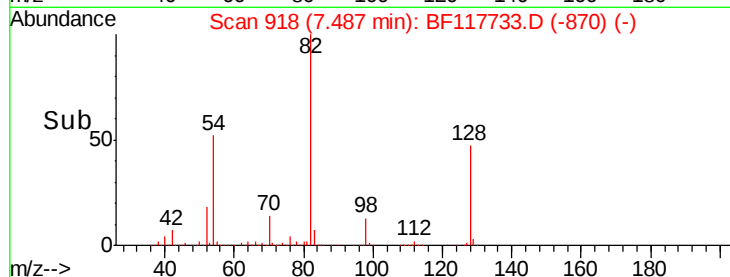
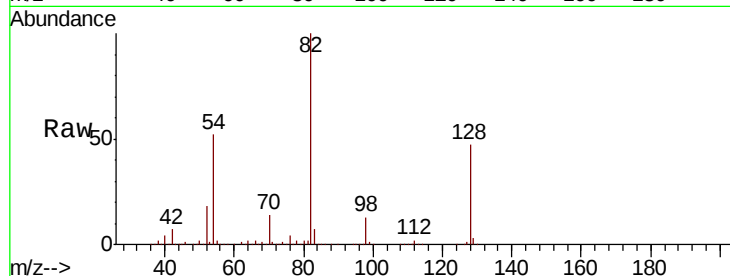
#23
Nitrobenzene-d5
Concen: 56.343 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampled :
1-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	40.2	60.2
54	52.5	42.0	63.0

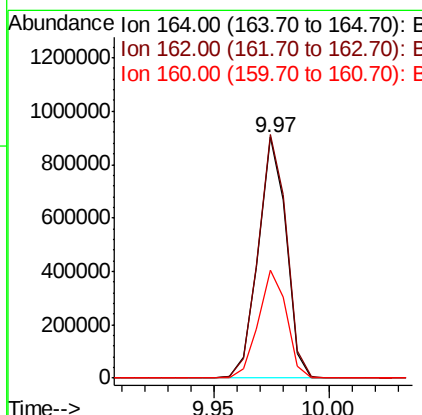
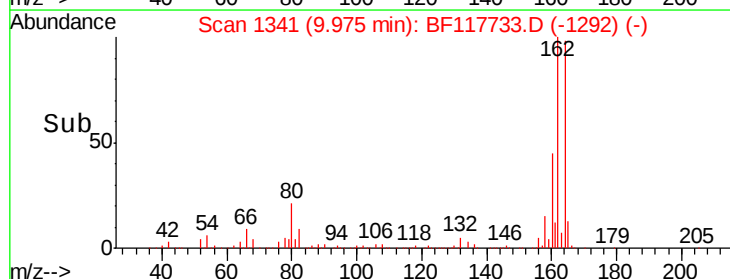
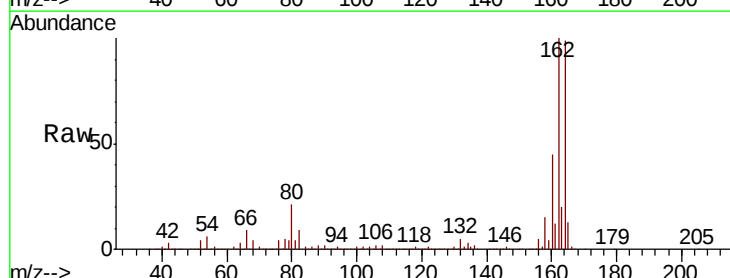
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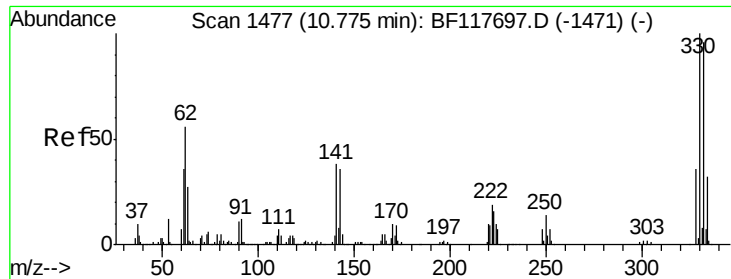
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.7	119.5
160	45.0	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 90.313 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Instrument :

BNA_F

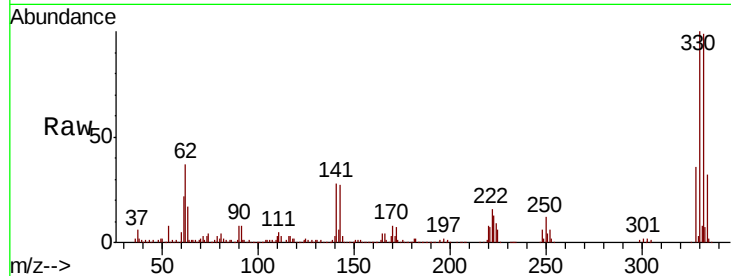
ClientSampled :

1-C

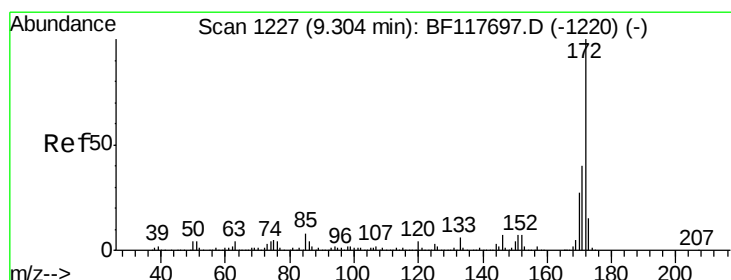
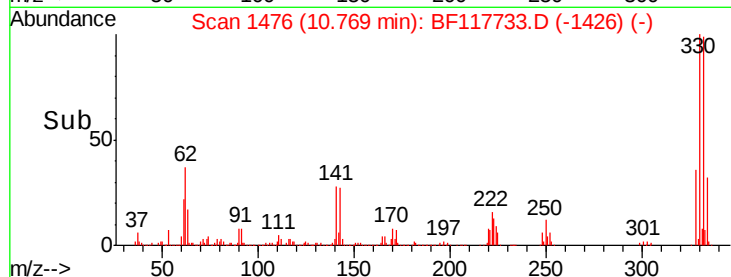
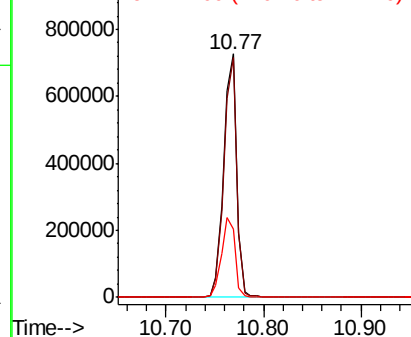
Tot Ion:	330	Resp:	675639
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	33.8	28.0	42.0

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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: 65.509 ng

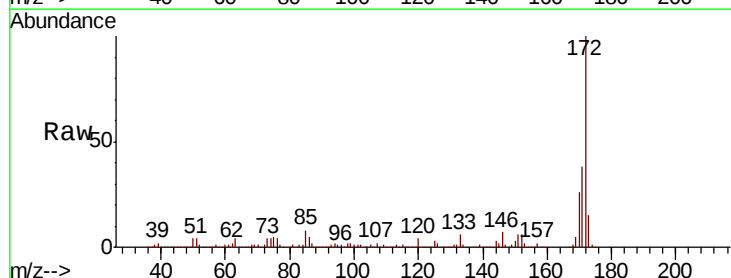
RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

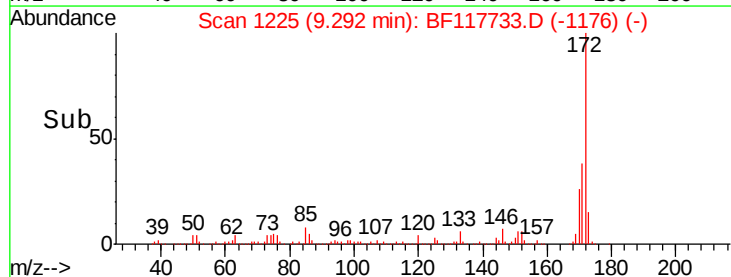
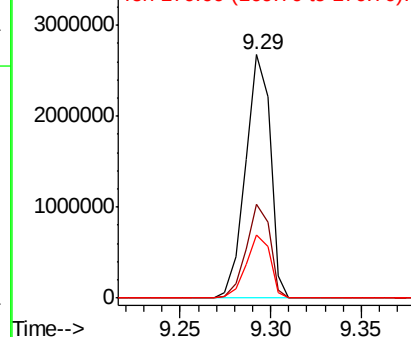
Lab File: BF117733.D

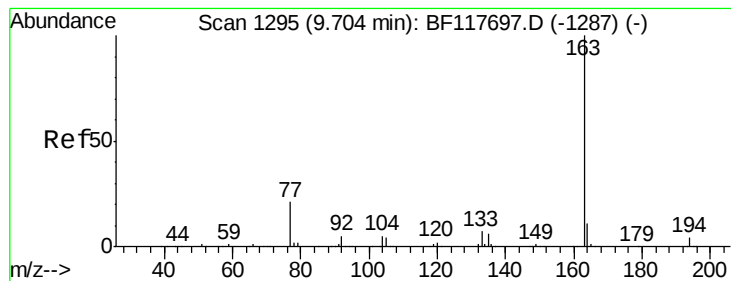
Acq: 8 Nov 2019 16:16

Tgt Ion:	172	Resp:	2539179
Ion Ratio	Lower	Upper	
172	100		
171	38.4	31.8	47.8
170	26.1	21.6	32.4



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: 2.151 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Instrument :

BNA_F

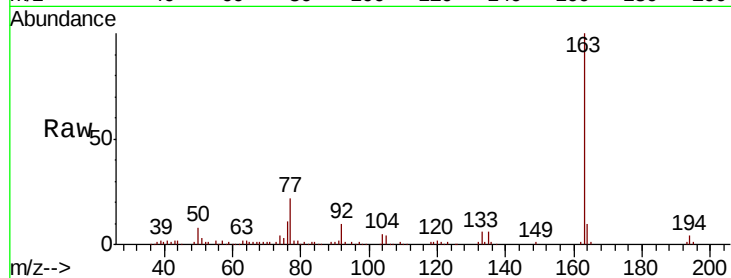
ClientSampleId :

1-C

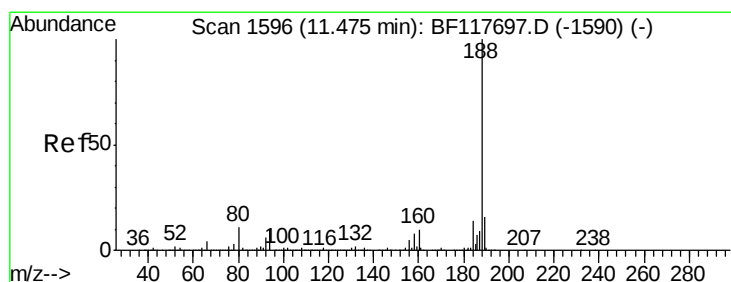
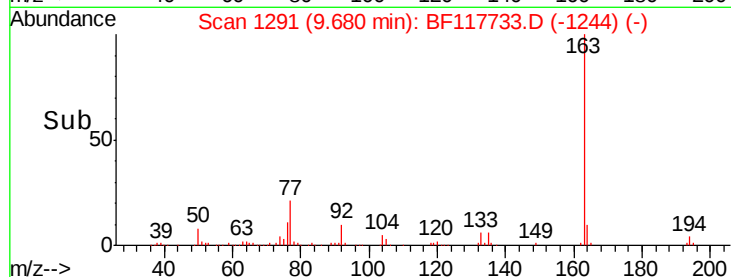
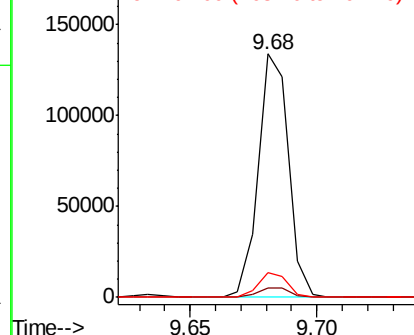
Tot Ion:	163	Resp:	111188
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.3	8.9	13.3

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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

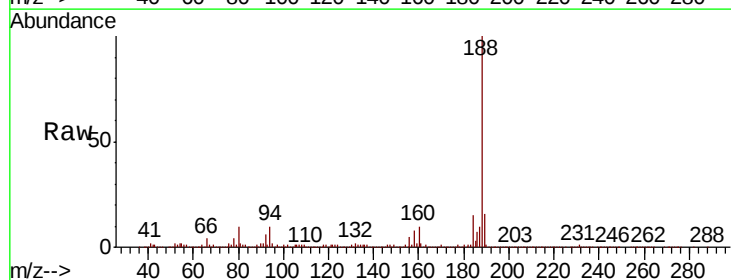
RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

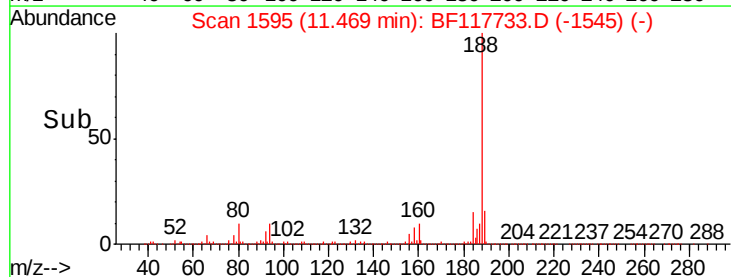
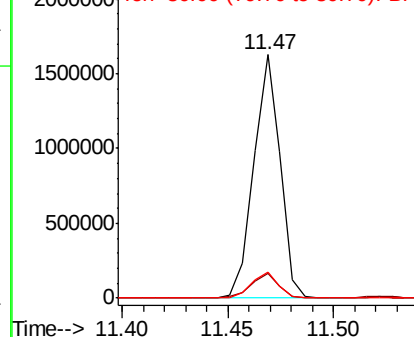
Lab File: BF117733.D

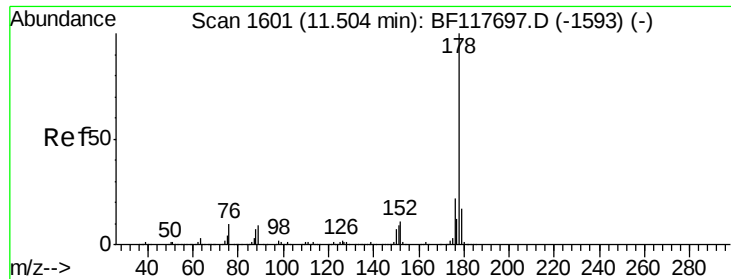
Acq: 8 Nov 2019 16:16

Tgt Ion:	188	Resp:	1401790
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.2	12.4
80	10.5	8.6	13.0



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: 11.070 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Instrument :

BNA_F

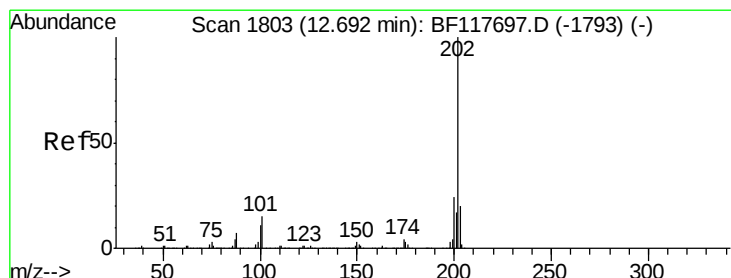
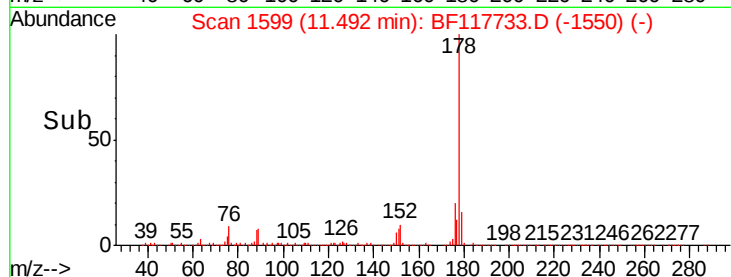
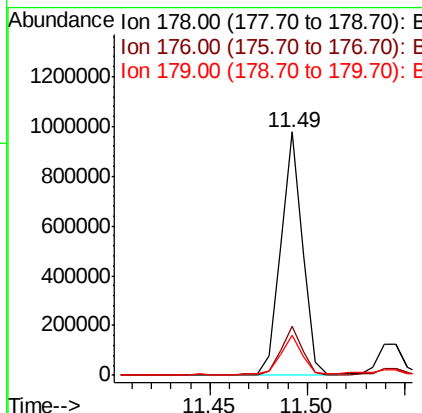
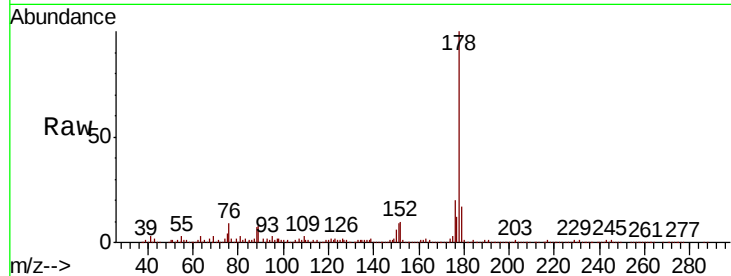
ClientSampleId :

1-C

Tot Ion:	178	Resp:	743800
Ion Ratio	Lower	Upper	
178	100		
176	20.3	17.7	26.5
179	16.7	13.8	20.8

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#75

Fluoranthene

Concen: 15.234 ng

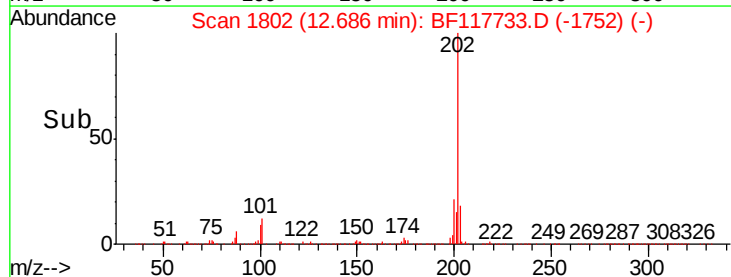
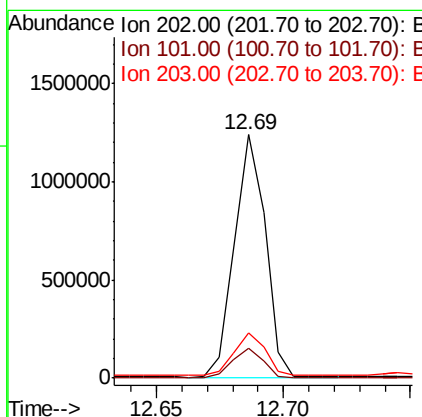
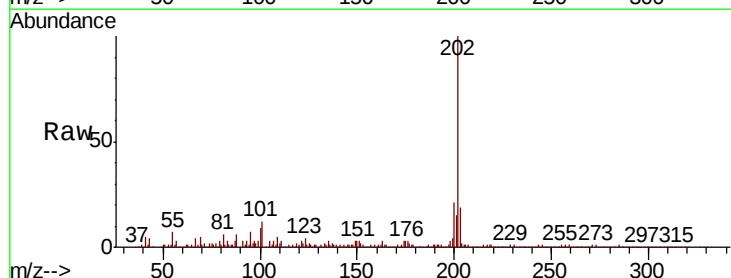
RT: 12.69 min Scan# 1802

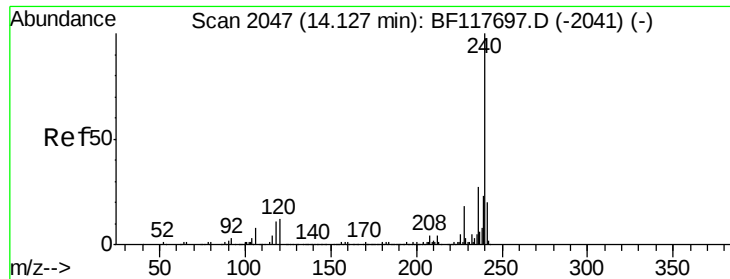
Delta R.T. -0.01 min

Lab File: BF117733.D

Acq: 8 Nov 2019 16:16

Tgt Ion:	202	Resp:	1045154
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.5
203	18.8	0.0	39.8





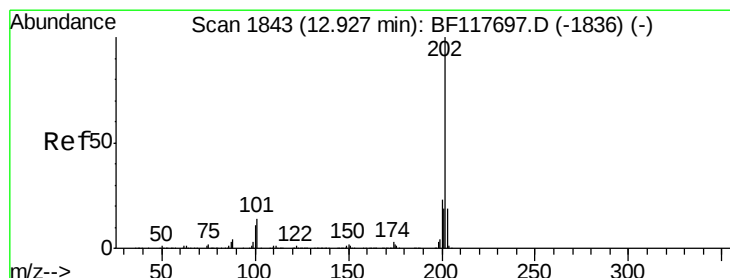
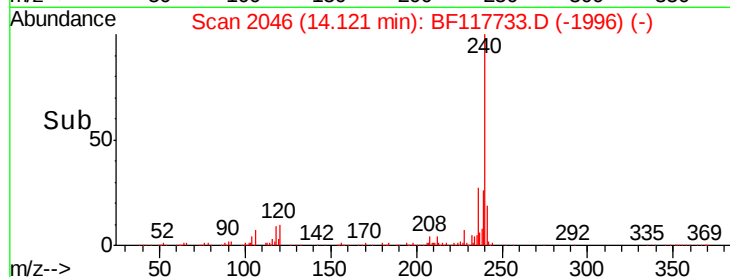
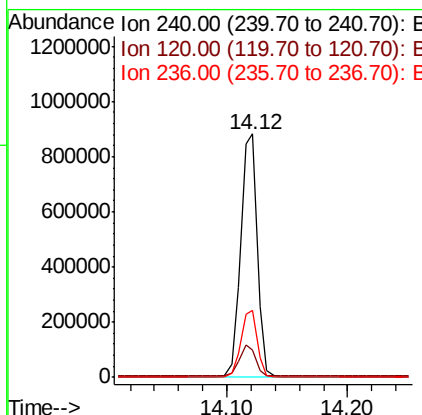
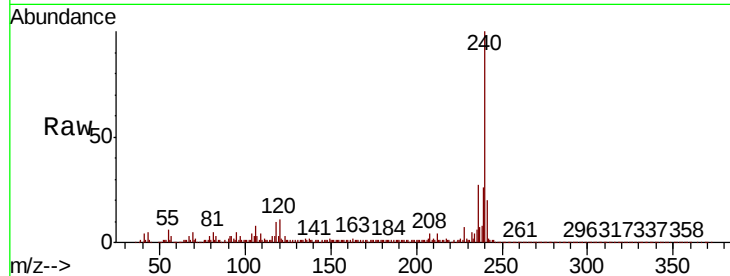
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampled :
1-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.7	14.5
236	27.4	21.9	32.9

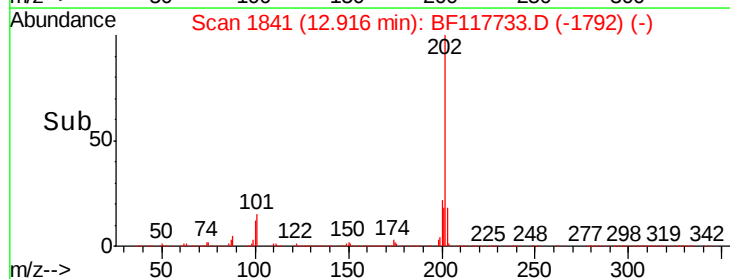
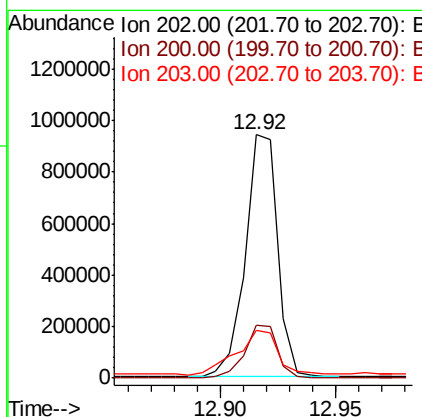
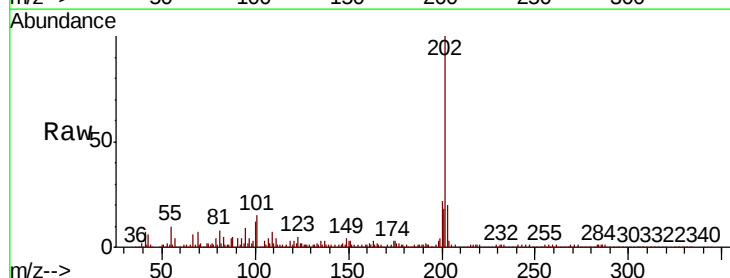
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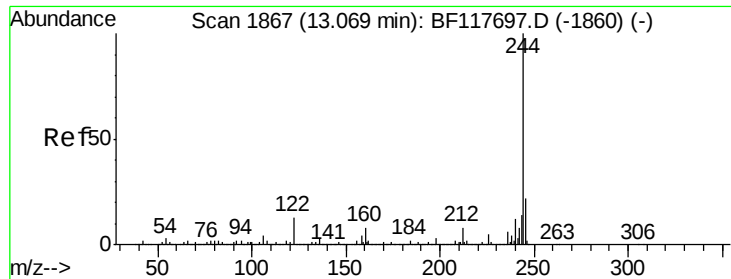
mohammad
11/11/2019 8:06:01 AM



#78
Pyrene
Concen: 14.934 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.8	28.2
203	19.6	15.2	22.8





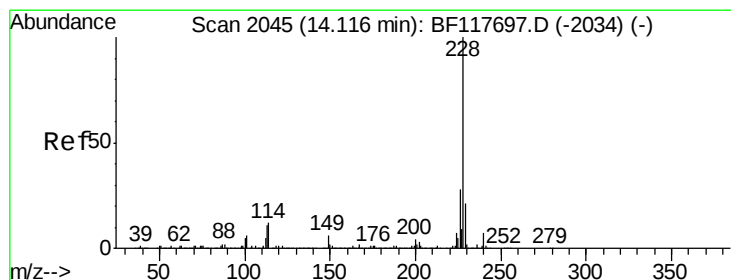
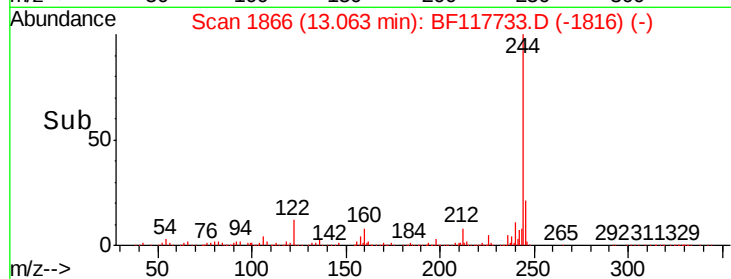
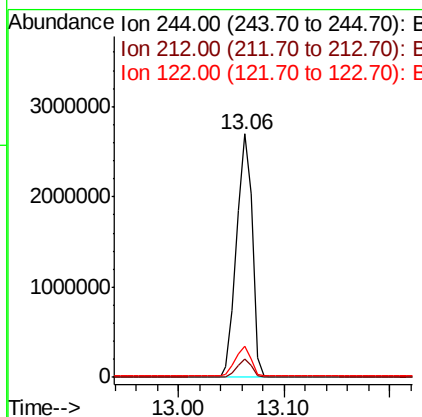
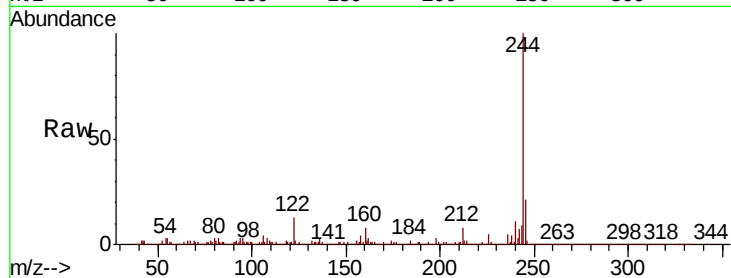
#79
 Terphenyl-d14
 Concen: 65.728 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117733.D
 Acq: 8 Nov 2019 16:16

Instrument :
 BNA_F
 ClientSampleId :
 1-C

Tot Ion:244 Resp: 2708383
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 12.6 10.0 15.0

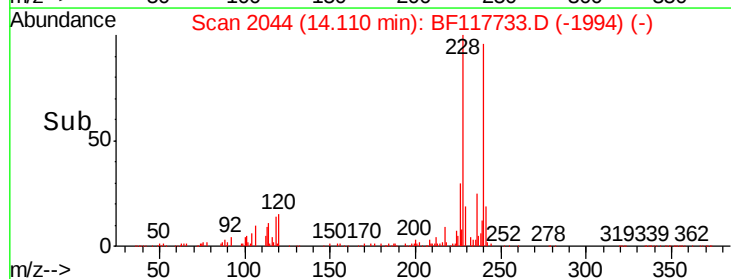
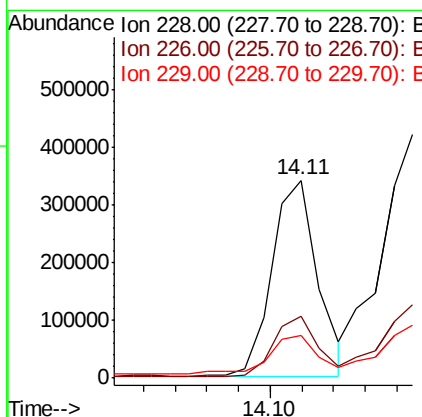
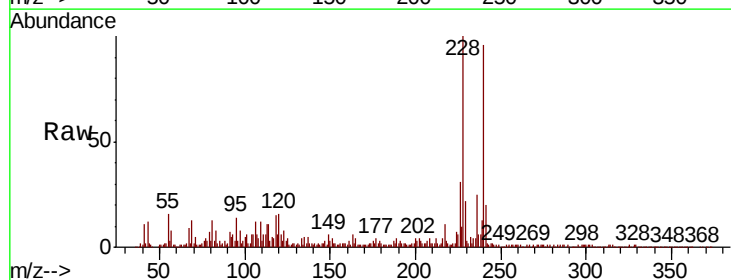
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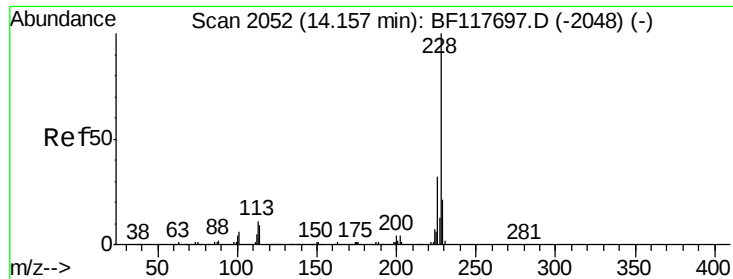
mohammad
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#81
 Benzo(a)anthracene
 Concen: 6.419 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF117733.D
 Acq: 8 Nov 2019 16:16

Tgt Ion:228 Resp: 338930
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.8 34.2
 229 21.7 16.9 25.3





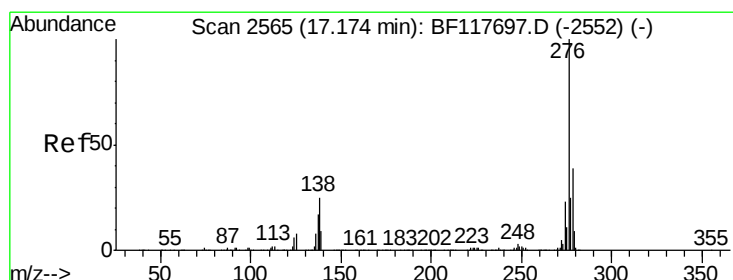
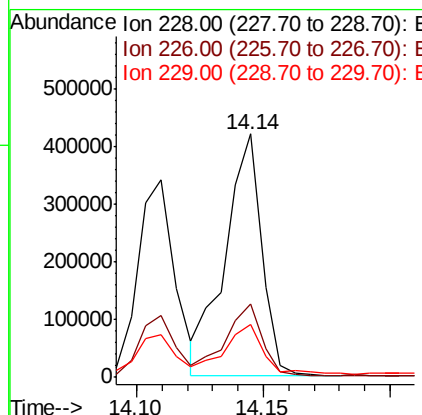
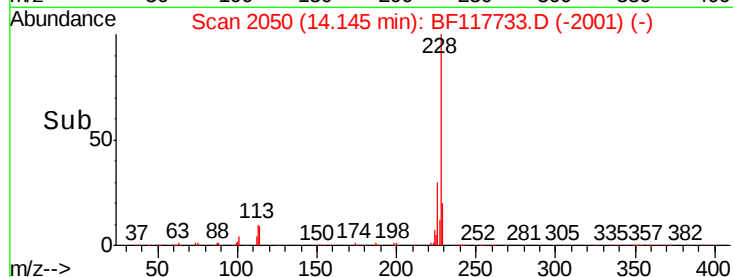
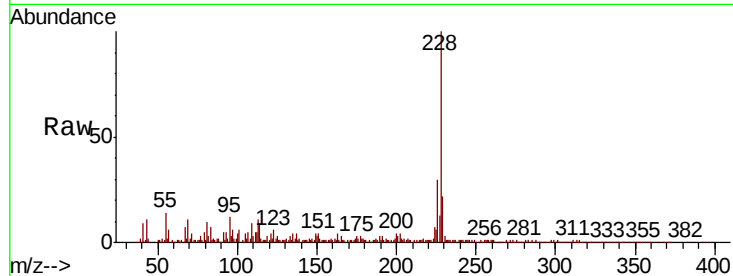
#83
Chrysene
Concen: 8.015 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampled :
1-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.2
229	21.9	16.6	24.8

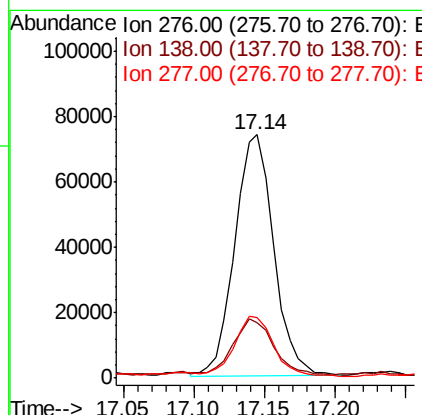
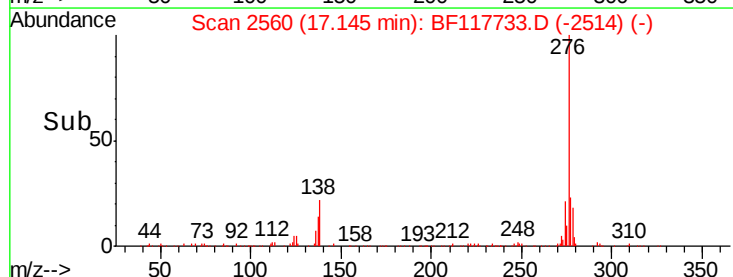
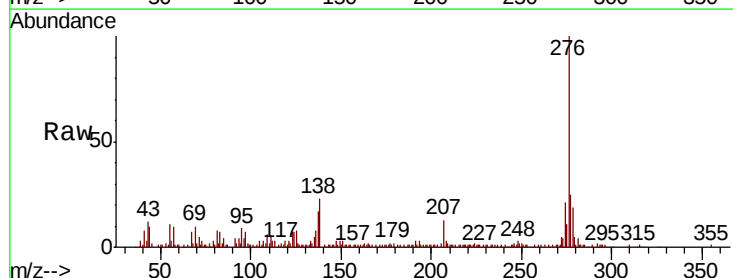
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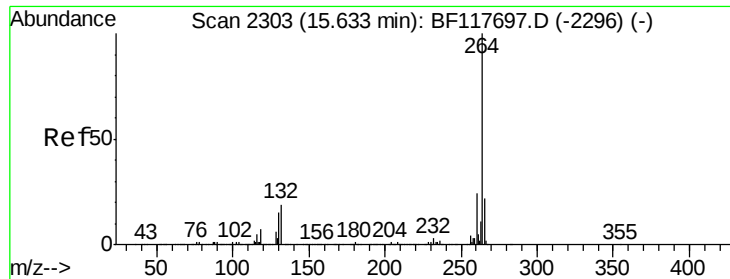
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.942 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.03 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.4	33.6
277	24.9	20.6	30.8





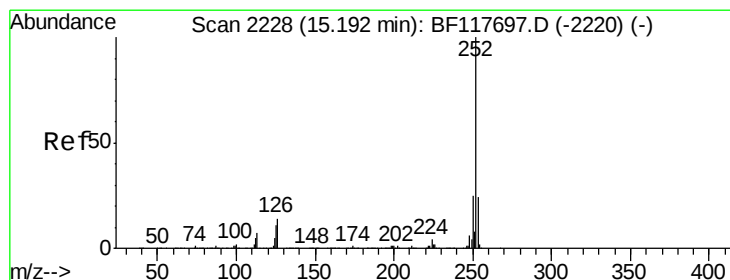
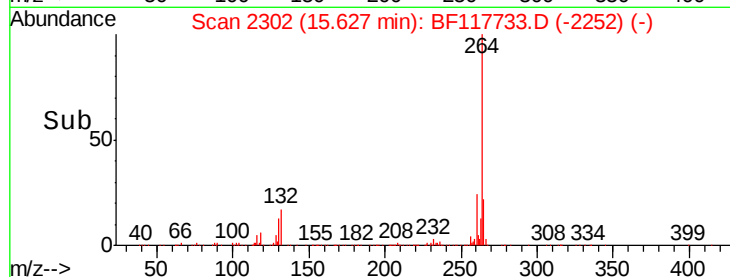
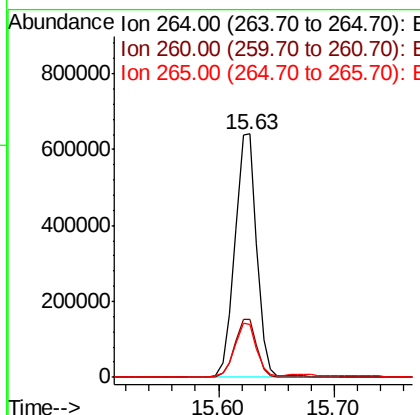
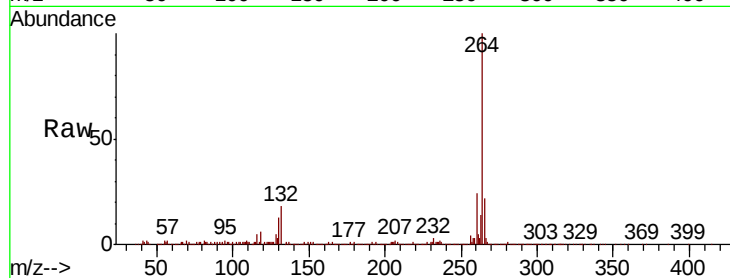
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.63 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BF117733.D
 Acq: 8 Nov 2019 16:16

Instrument :
 BNA_F
 ClientSampleId :
 1-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.8	17.7	26.5

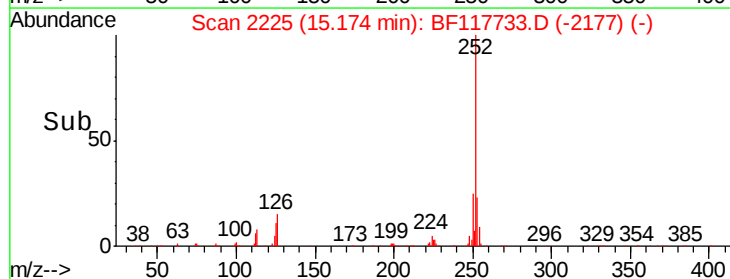
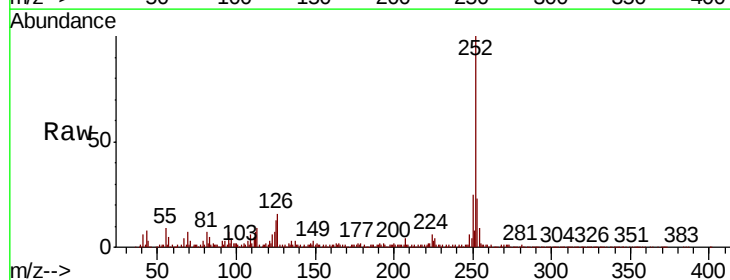
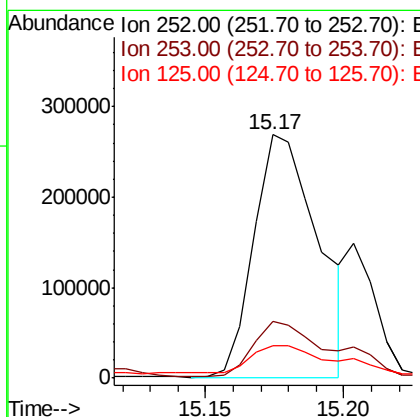
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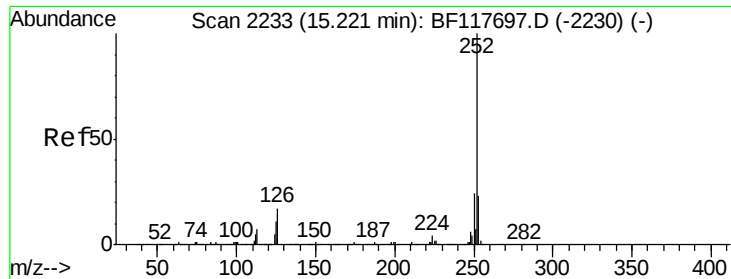
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#88
 Benzo(b)fluoranthene
 Concen: 8.221 ng m
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.02 min
 Lab File: BF117733.D
 Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	13.3	8.5	12.7#





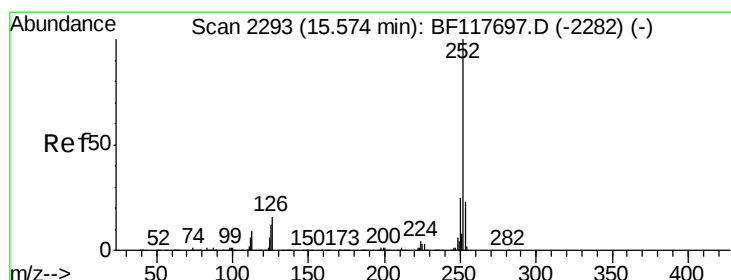
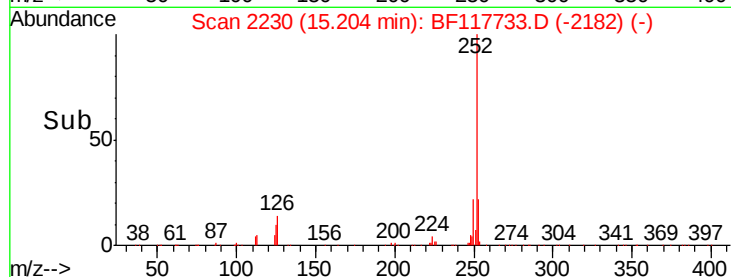
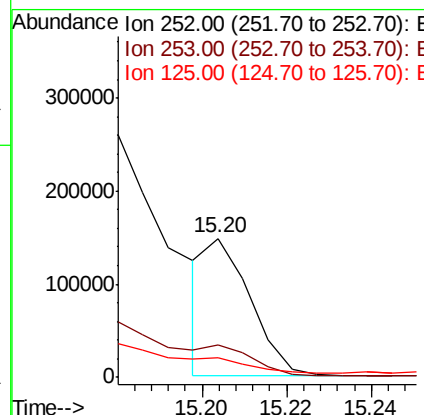
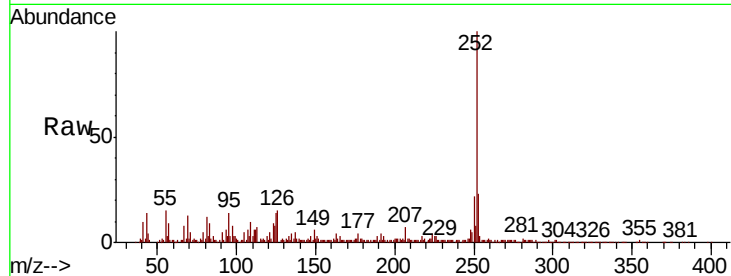
#89
Benzo(k)fluoranthene
Concen: 2.286 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Instrument :
BNA_F
ClientSampleId :
1-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.1	9.1	13.7

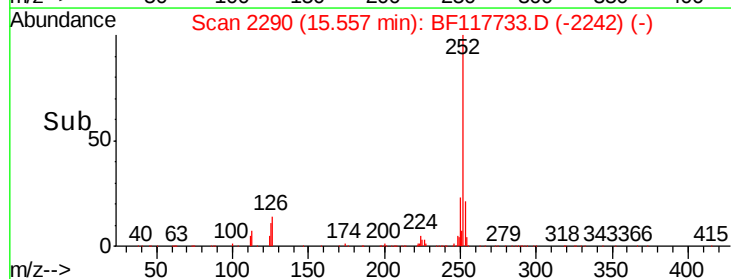
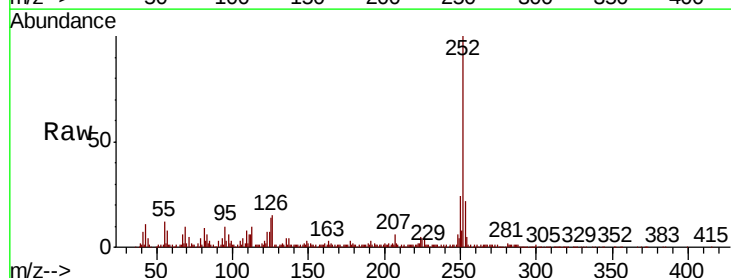
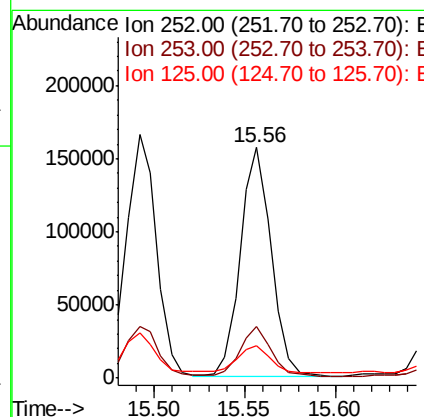
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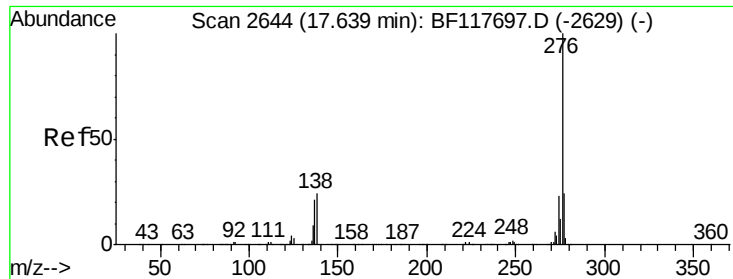
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#90
Benzo(a)pyrene
Concen: 4.055 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF117733.D
Acq: 8 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	14.0	9.5	14.3





#92
 Benzo(a,h,i)perylene
 Concen: 3.358 ng
 RT: 17.60 min Scan# 2638
 Delta R.T. -0.04 min
 Lab File: BF117733.D
 Acq: 8 Nov 2019 16:16

Instrument :
 BNA_F
 ClientSampleId :
 1-C

Tot Ion:	276	Resp:	133187
Ion Ratio		Lower	Upper
276	100		
277	22.8	19.4	29.0
138	21.1	19.2	28.8

Manual Integrations
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