

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117606.D
 Acq On : 29 Oct 2019 23:00
 Operator : JU
 Sample : K5587-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CSA-2-1-10

Manual Integrations
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Quant Time: Oct 30 13:36:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	32610	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	111263	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	48403	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	79222	20.00	ng	0.00
76) Chrysene-d12	13.90	240	60791	20.00	ng	0.00
87) Perylene-d12	15.33	264	45010	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	197224	89.98	ng	0.00
7) Phenol-d6	6.39	99	247405	84.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	136272	60.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	36027	86.02	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	213364	62.11	ng	-0.01
79) Terphenyl-d14	12.83	244	211901	56.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	36269	10.511	ng	Qvalue 97
71) Phenanthrene	11.27	178	9216	2.003	ng	100
75) Fluoranthene	12.47	202	26362	5.725	ng	96
78) Pyrene	12.70	202	23506	4.502	ng	99
81) Benzo(a)anthracene	13.89	228	11478m	2.799	ng	
83) Chrysene	13.92	228	11708	2.913	ng	98
88) Benzo(b)fluoranthene	14.93	252	9908m	3.728	ng	
90) Benzo(a)pyrene	15.28	252	6272	2.595	ng	# 81

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

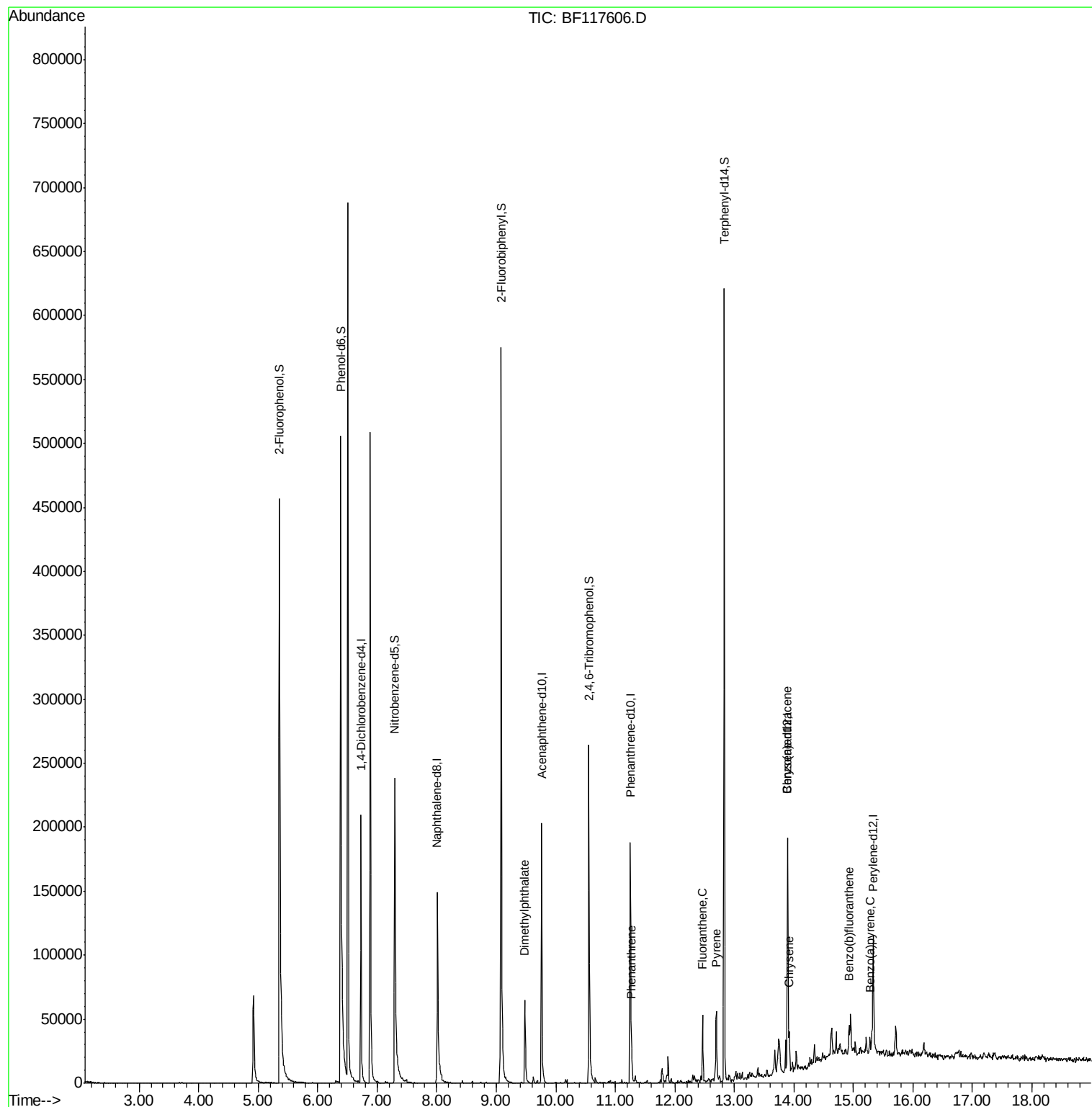
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

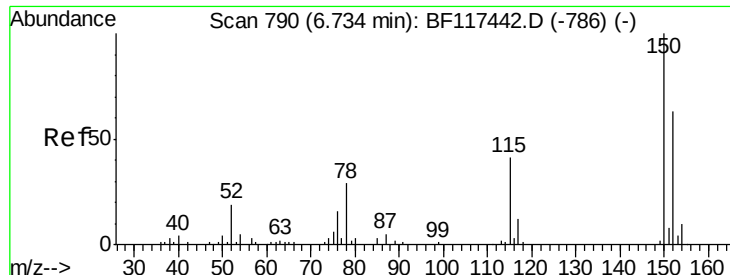
Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

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Quant Time: Oct 30 13:36:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

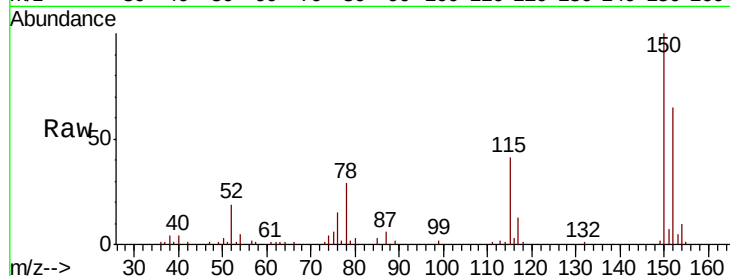
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampled :
CSA-2-1-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.8	190.2
115	63.4	51.6	77.4

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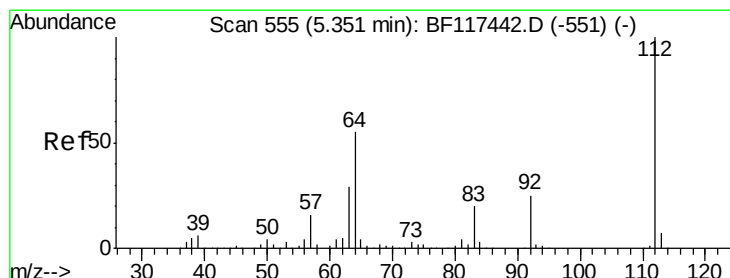
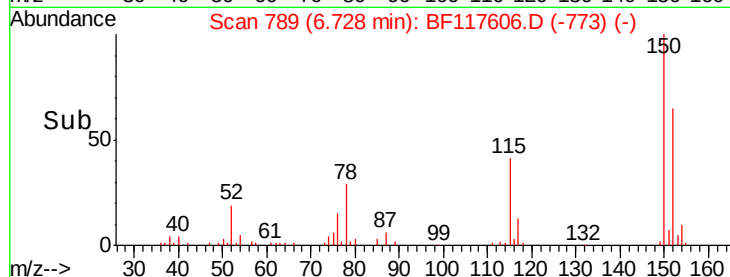
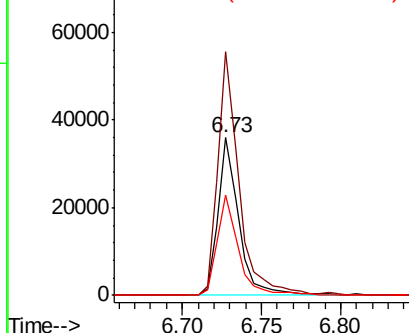


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

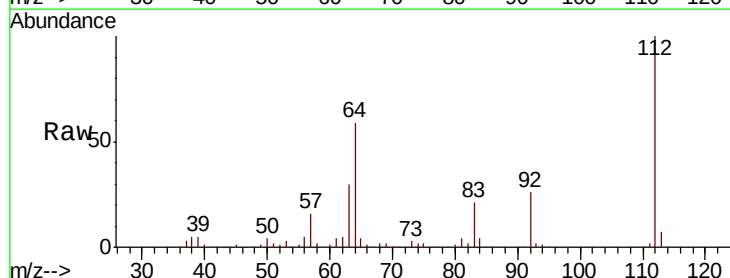
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.976 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	44.1	66.1
63	29.9	23.4	35.2

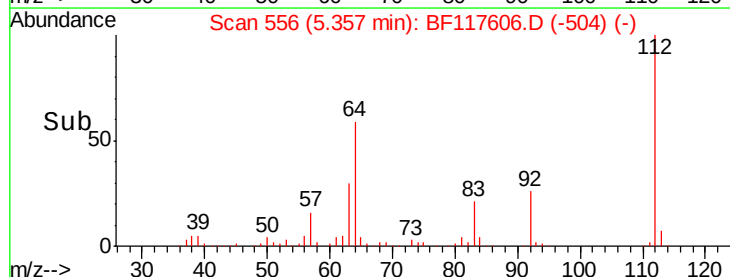
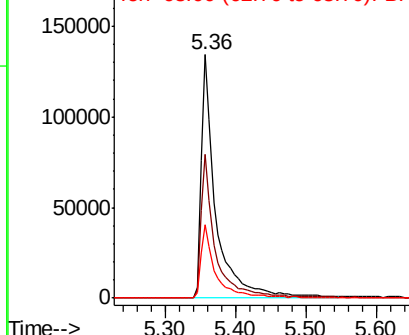


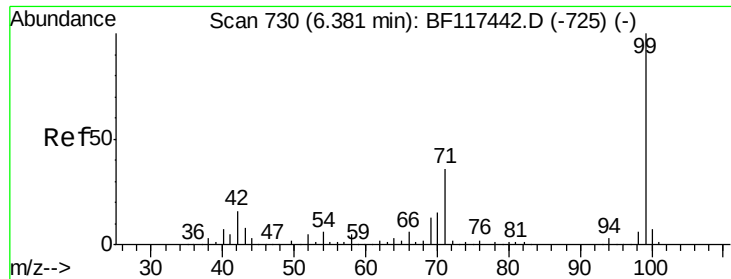
Abundance

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: 84.035 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117606.D

Acq: 29 Oct 2019 23:00

Instrument :

BNA_F

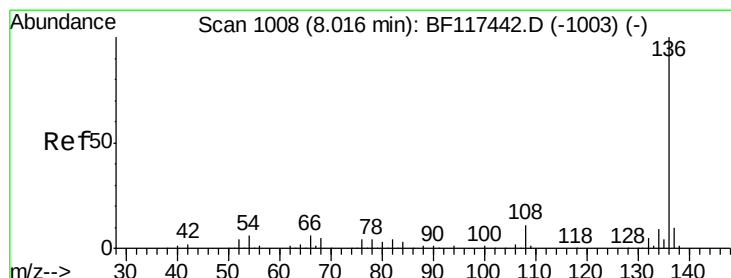
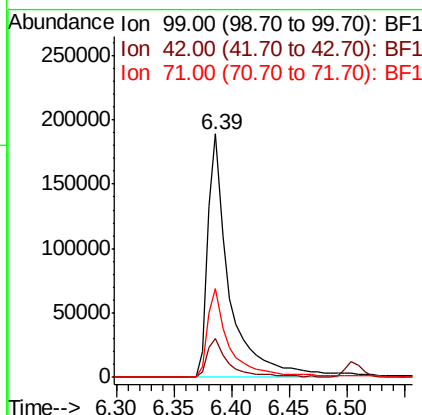
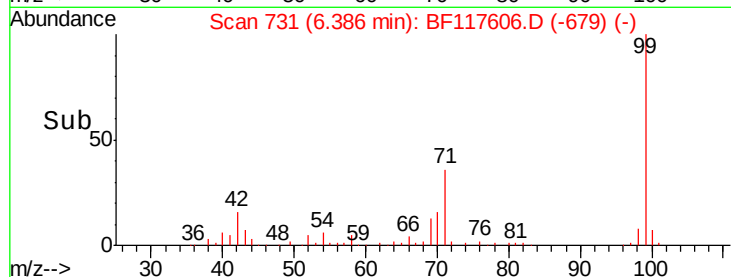
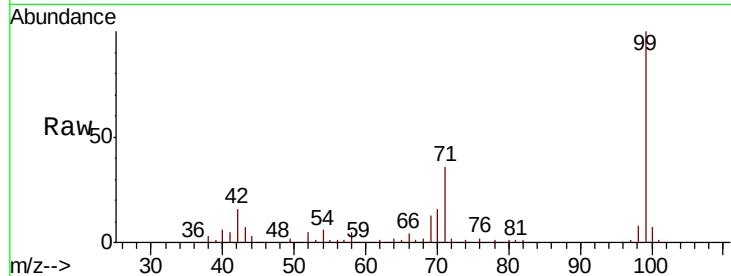
ClientSampleId :

CSA-2-1-10

Tot Ion:	99	Resp:	247405
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.8	19.2
71	36.2	28.6	43.0

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#21

Naphthalene-d8

Concen: 20.000 ng

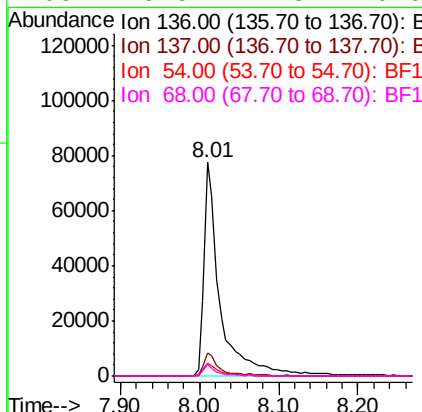
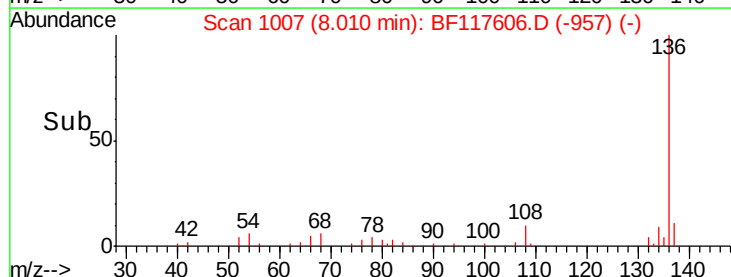
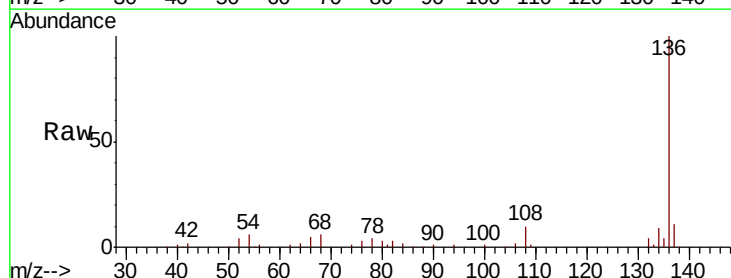
RT: 8.01 min Scan# 1007

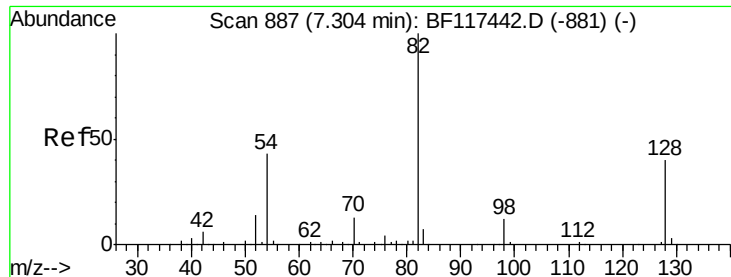
Delta R.T. -0.01 min

Lab File: BF117606.D

Acq: 29 Oct 2019 23:00

Tgt Ion:	136	Resp:	111263
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.2	12.4
54	5.9	4.5	6.7
68	5.5	4.3	6.5





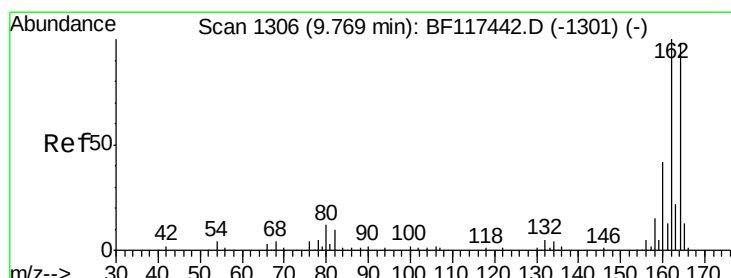
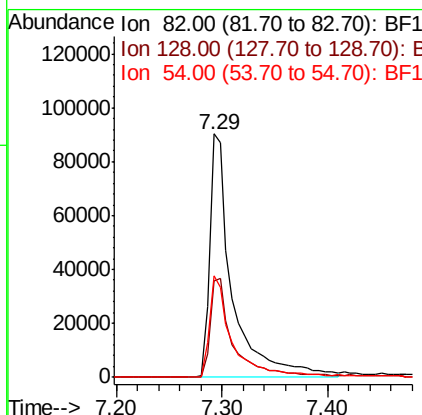
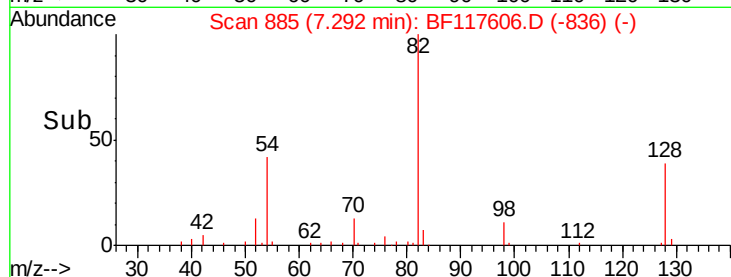
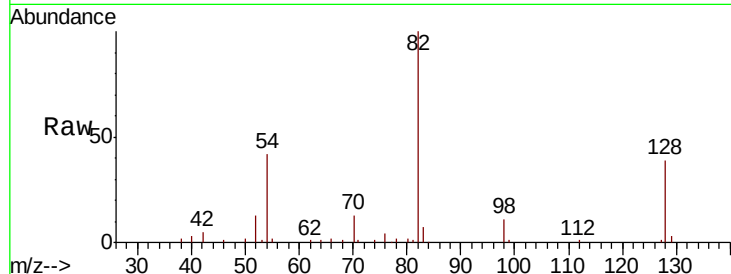
#23
Nitrobenzene-d5
Concen: 60.464 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.4	32.2	48.2
54	41.8	34.2	51.2

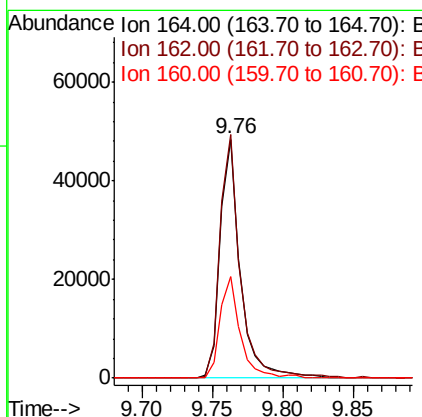
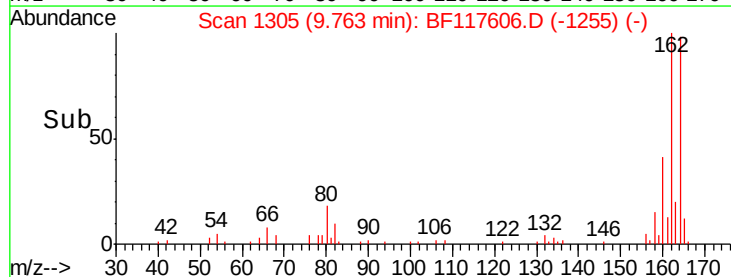
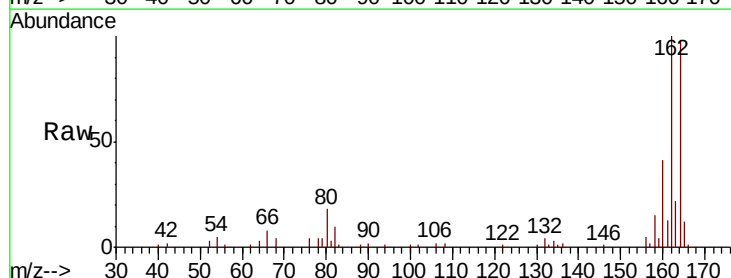
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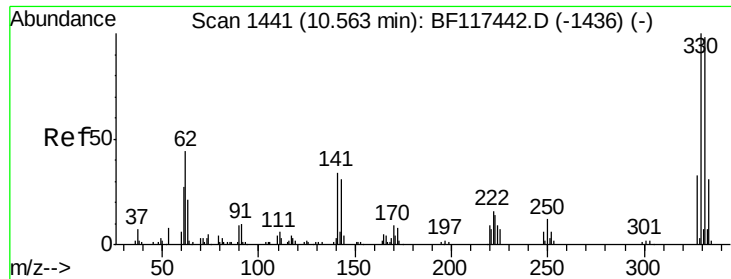
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	42.3	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 86.022 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117606.D

Acq: 29 Oct 2019 23:00

Instrument :

BNA_F

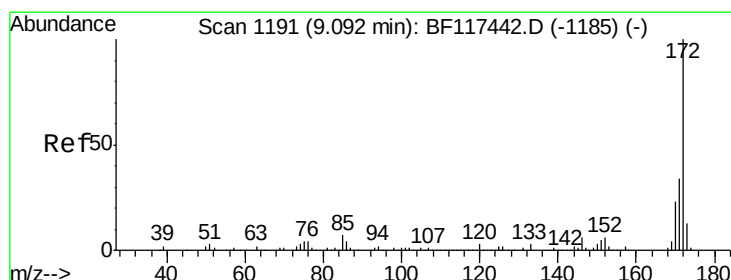
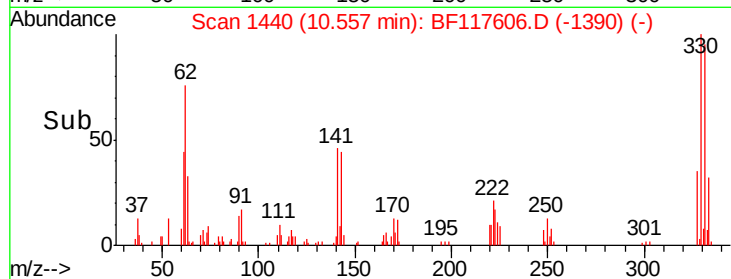
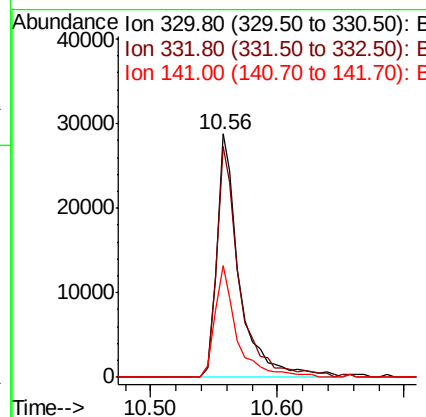
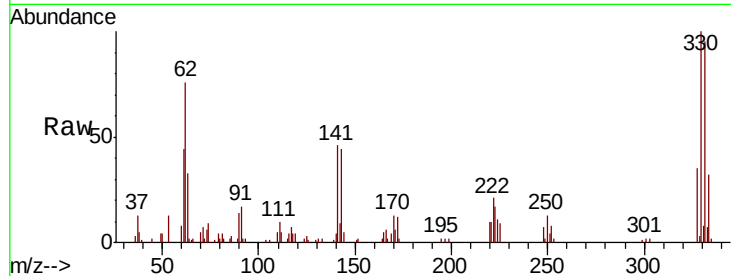
ClientSampleId :

CSA-2-1-10

Tot Ion:	330	Resp:	36027
Ion Ratio	Lower	Upper	
330	100		
332	96.1	78.5	117.7
141	44.8	37.0	55.6

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#45

2-Fluorobiphenyl

Concen: 62.109 ng

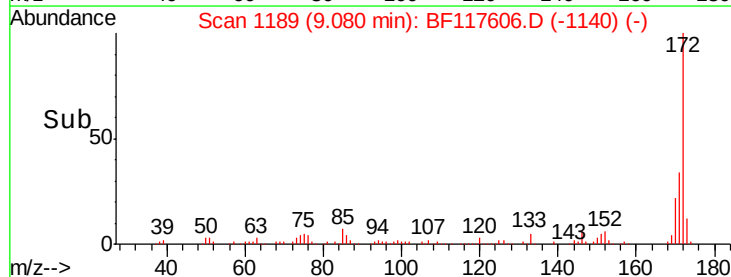
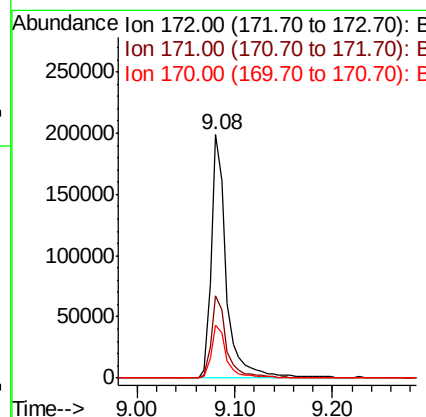
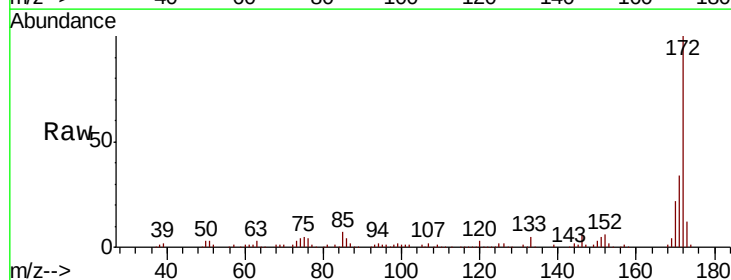
RT: 9.08 min Scan# 1189

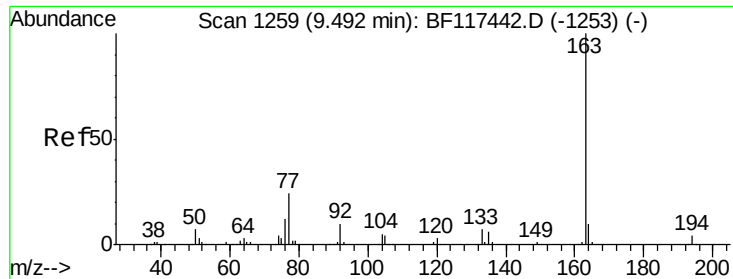
Delta R.T. -0.01 min

Lab File: BF117606.D

Acq: 29 Oct 2019 23:00

Tgt Ion:	172	Resp:	213364
Ion Ratio	Lower	Upper	
172	100		
171	33.8	27.5	41.3
170	21.9	18.6	27.8





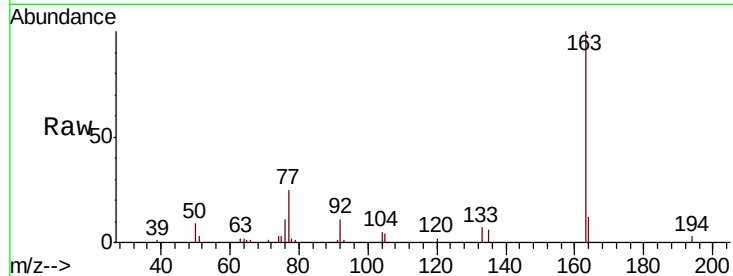
#50
Dimethylphthalate
Concen: 10.511 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

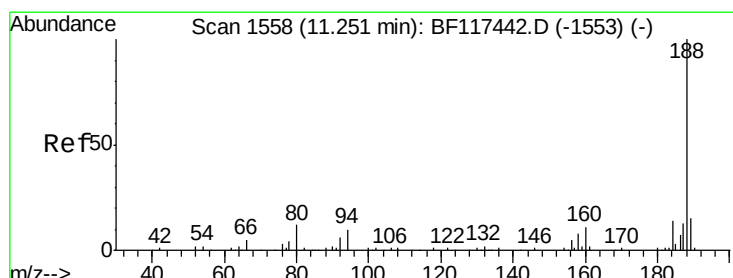
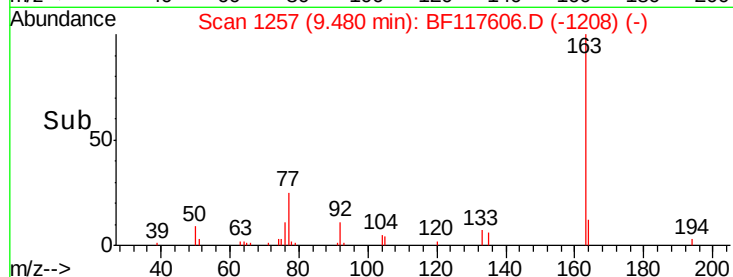
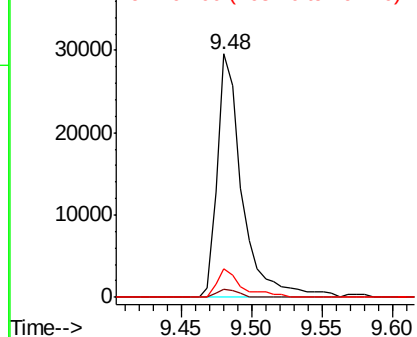
Tot Ion:	163	Resp:	36269
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	11.9	8.2	12.2

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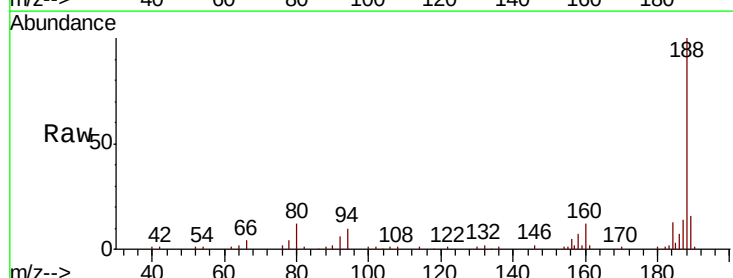


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

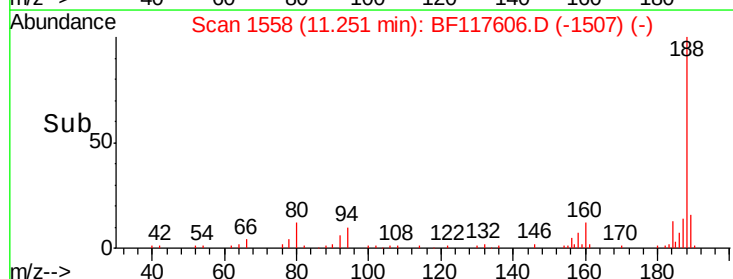
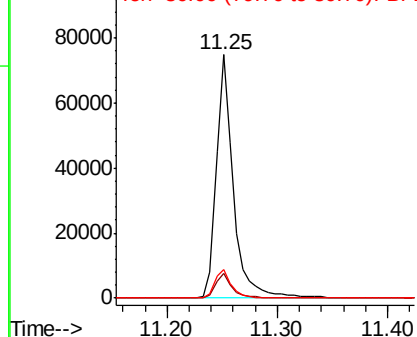


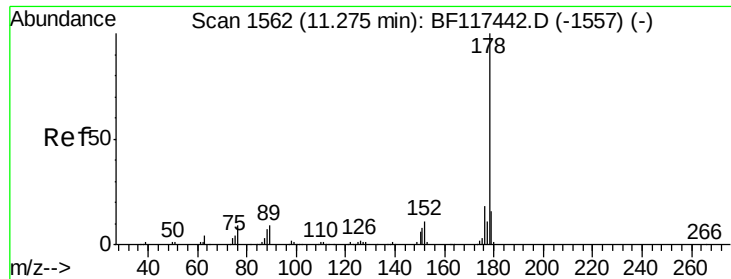
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion:	188	Resp:	79222
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.0	12.0
80	11.7	9.5	14.3



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





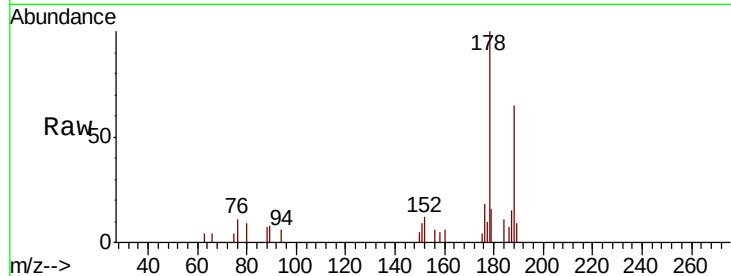
#71
Phenanthrene
Concen: 2.003 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.7	12.6	19.0

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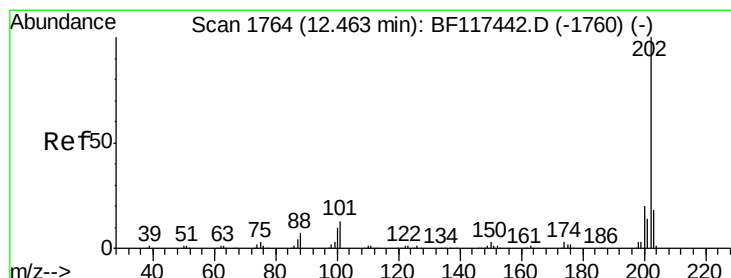
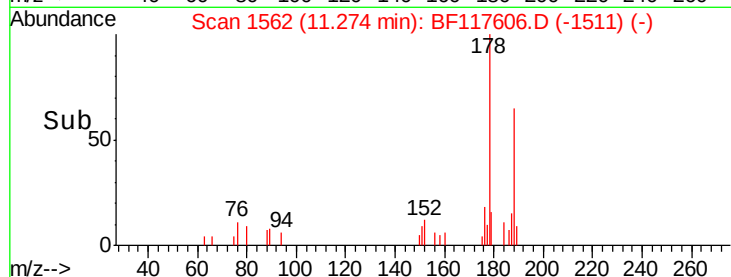
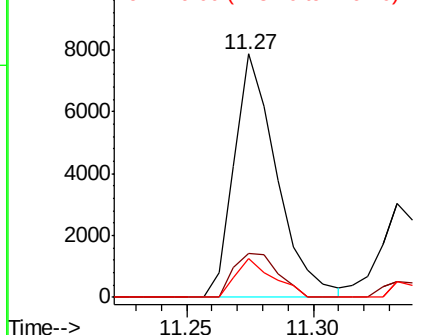


Abundance

Ion 178.00 (177.70 to 178.70): E

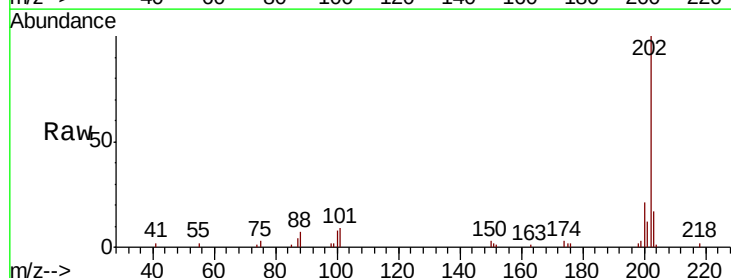
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75
Fluoranthene
Concen: 5.725 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	32.7
203	17.0	0.0	37.6

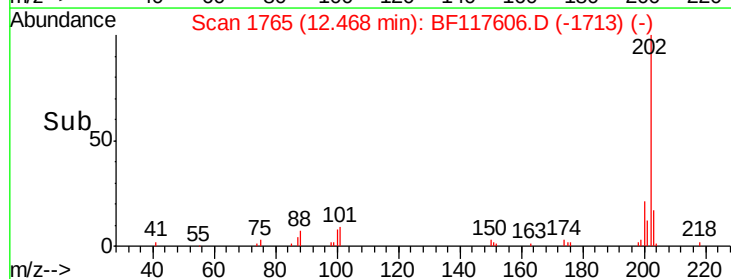
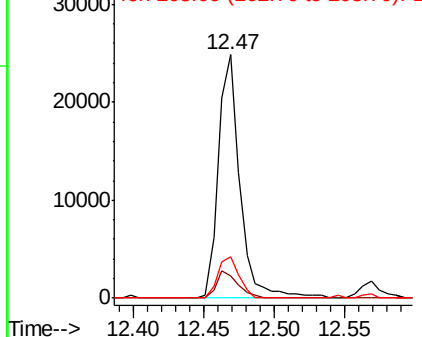


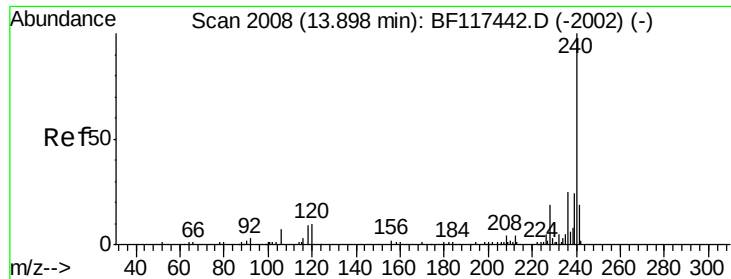
Abundance

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





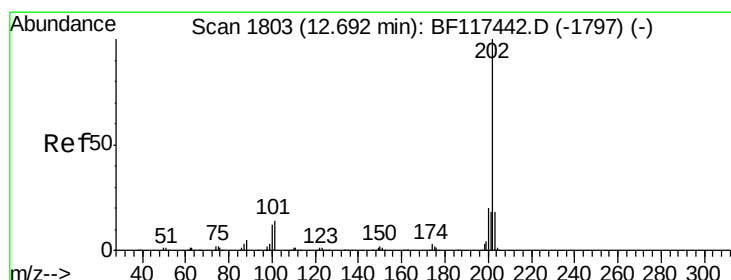
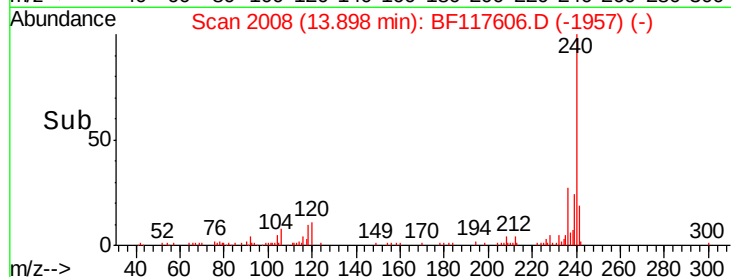
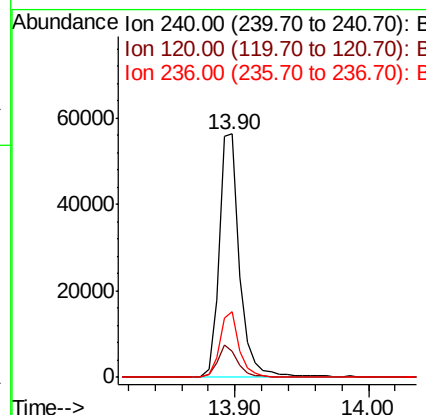
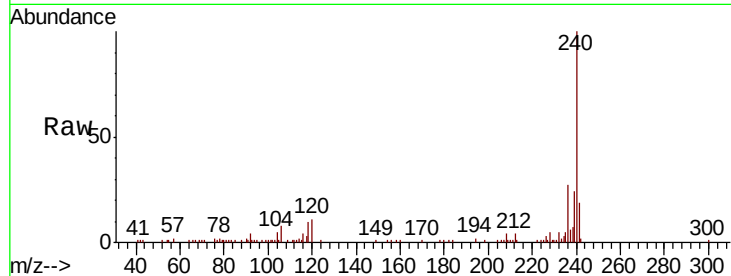
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

Tot Ion	Ratio	Resp	Lower	Upper
240	100	60791		
120	10.8		8.4	12.6
236	26.8		20.0	30.0

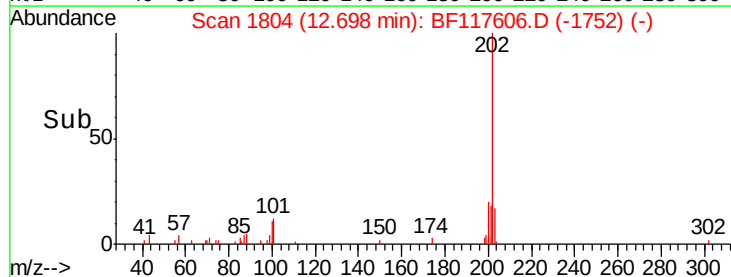
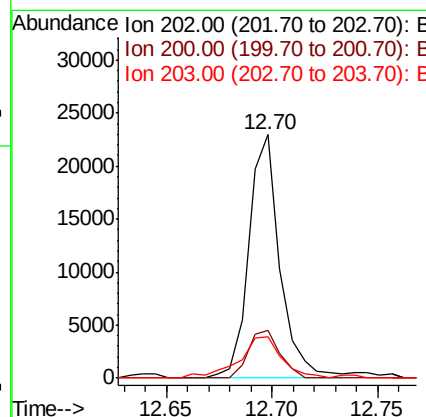
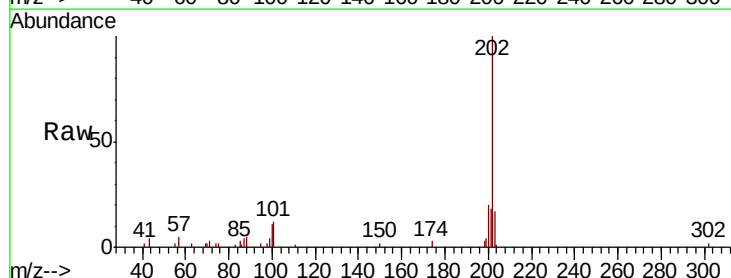
Manual Integrations
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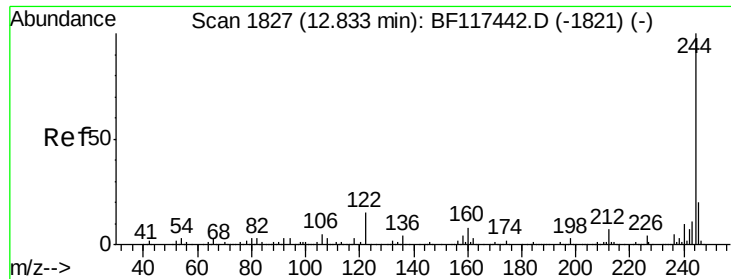
mohammad
10/30/2019 4:53:25 PM



#78
Pyrene
Concen: 4.502 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	23506		
200	19.6		16.2	24.2
203	17.2		14.0	21.0





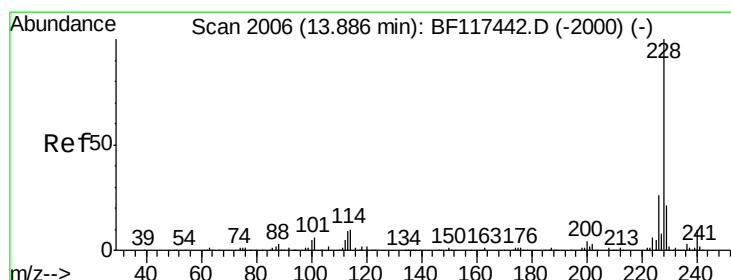
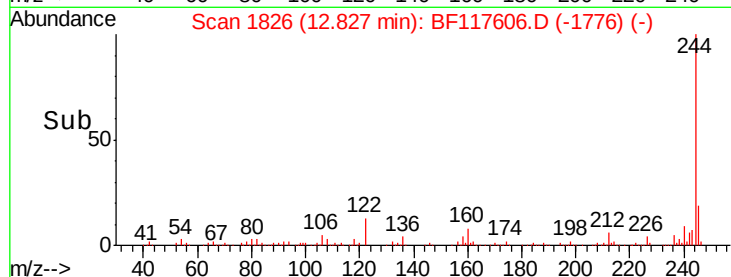
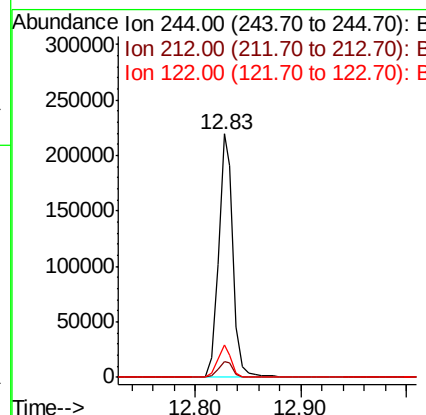
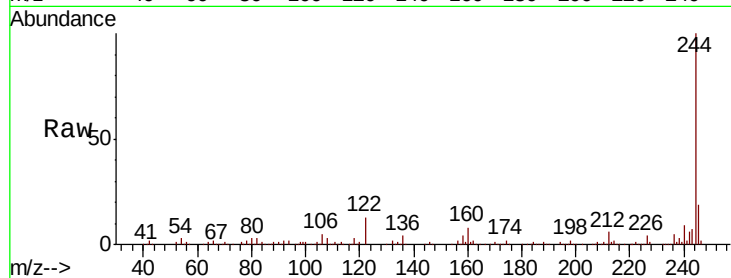
#79
 Terphenyl-d14
 Concen: 56.856 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117606.D
 Acq: 29 Oct 2019 23:00

Instrument :
 BNA_F
 ClientSampled :
 CSA-2-1-10

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.6
122	13.3	11.8	17.8

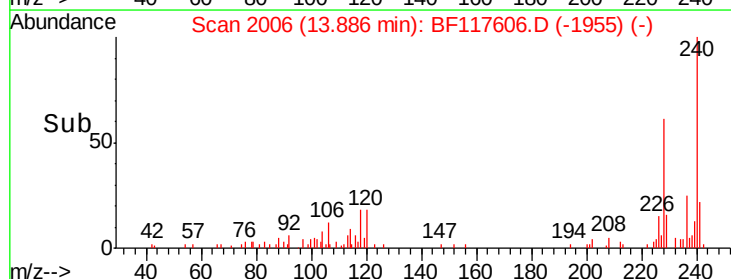
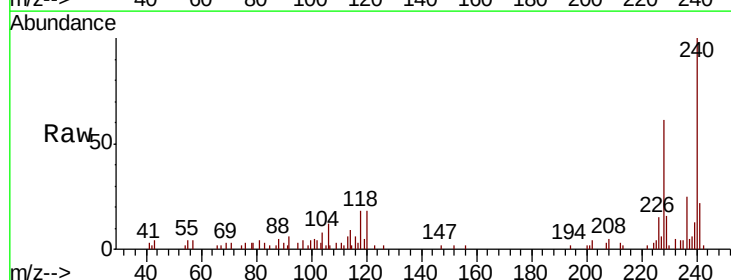
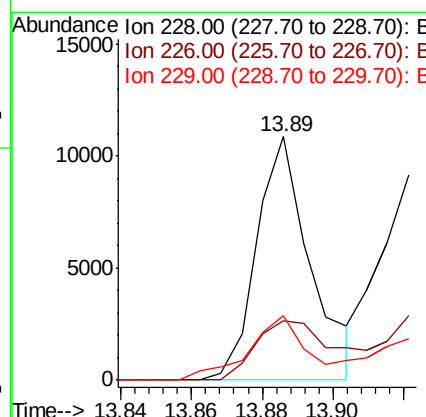
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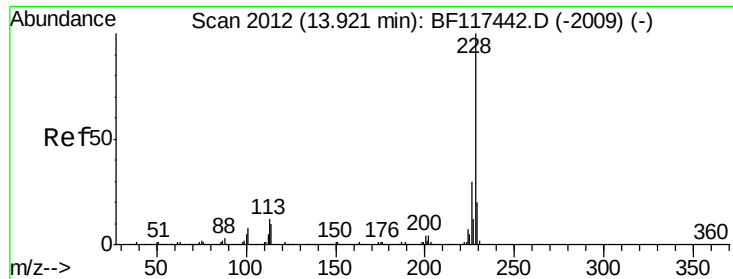
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#81
 Benzo(a)anthracene
 Concen: 2.799 ng m
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF117606.D
 Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.3	21.0	31.4
229	26.7	16.4	24.6





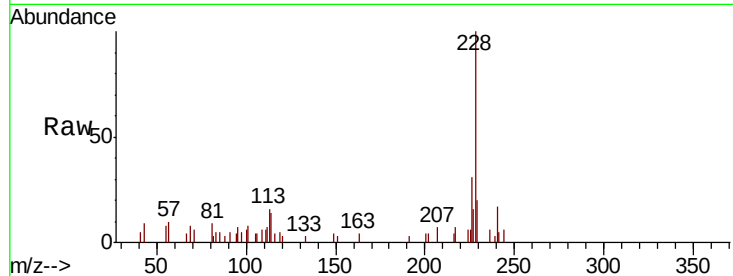
#83
Chrysene
Concen: 2.913 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

Tot Ion:	228	Resp:	11708
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	20.4	15.8	23.6

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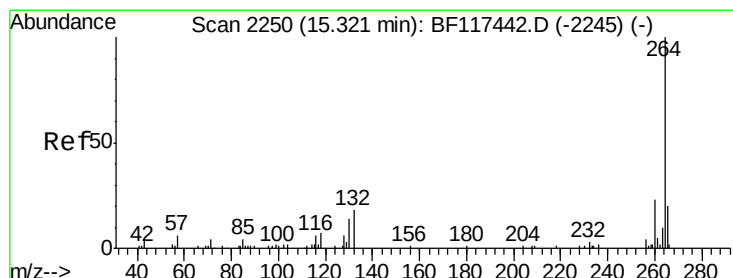
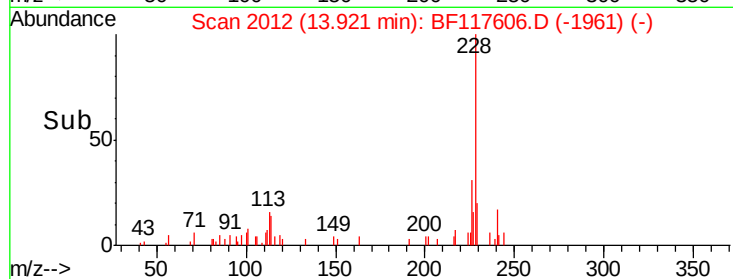
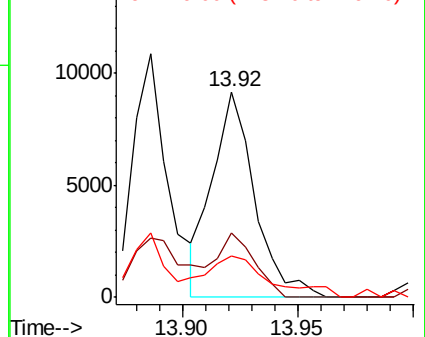


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

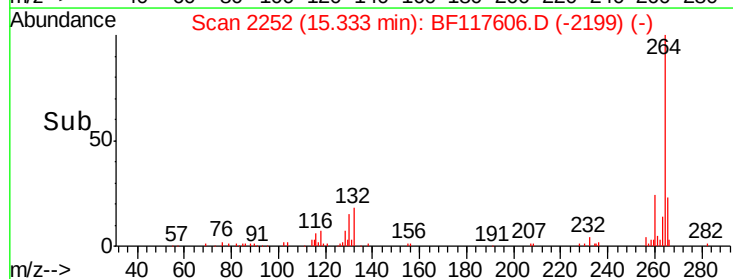
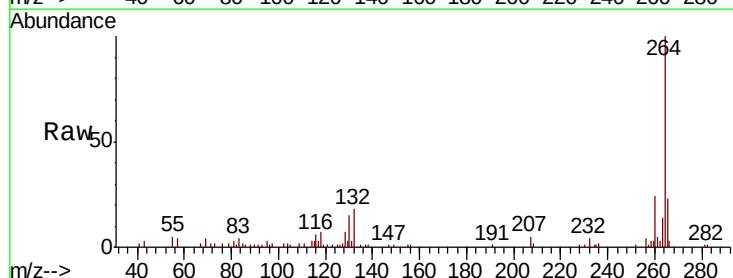
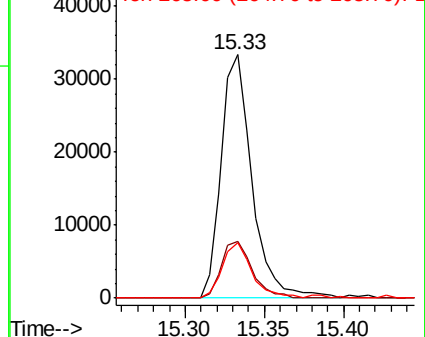
Tgt Ion:	264	Resp:	45010
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.6	16.1	24.1

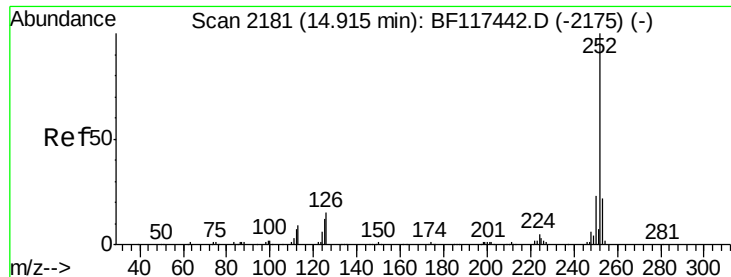
Abundance

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





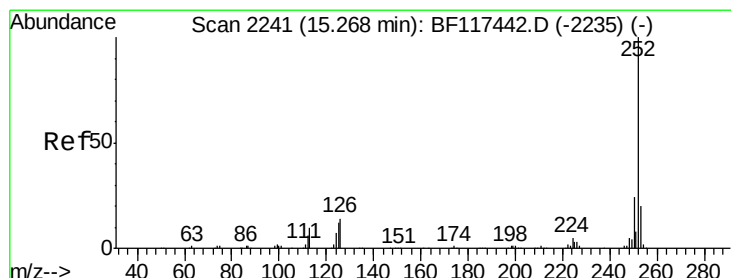
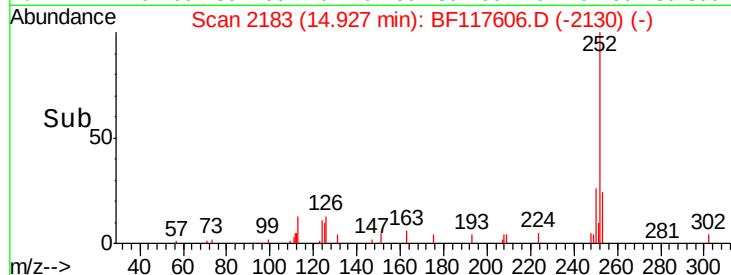
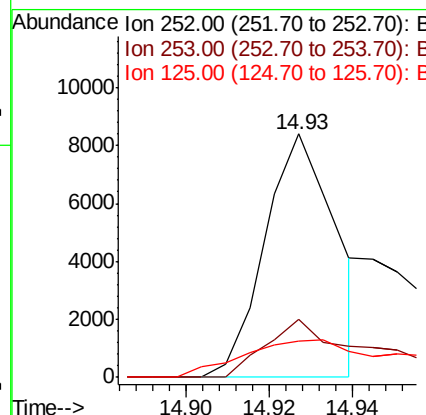
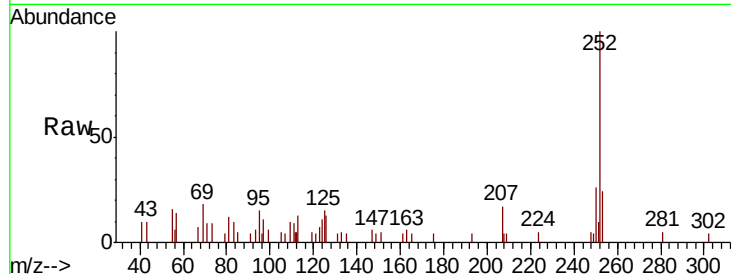
#88
Benzo(b)fluoranthene
Concen: 3.728 ng/mL
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Instrument :
BNA_F
ClientSampleId :
CSA-2-1-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.6
125	15.0	9.9	14.9#

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#90
Benzo(a)pyrene
Concen: 2.595 ng/mL
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF117606.D
Acq: 29 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	16.3	24.5#
125	20.8	9.2	13.8#

