

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111196.D
 Acq On : 7 Dec 2018 19:32
 Operator : JU/SJ
 Sample : J6214-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(3-5)

Manual Integrations
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Sohil
 12/11/2018 8:44:45 AM

Quant Time: Dec 08 01:47:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	464753	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1871713	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	891235	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1252861	20.00	ng	0.00
76) Chrysene-d12	13.96	240	870207	20.00	ng	0.00
87) Perylene-d12	15.39	264	850852	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2115625	71.03	ng	0.00
7) Phenol-d6	6.43	99	2596489	67.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	1905516	60.27	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	503131	71.02	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2957542	56.63	ng	0.00
79) Terphenyl-d14	12.91	244	2257978	53.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	182301	4.358	ng	99
50) Dimethylphthalate	9.55	163	357535	5.764	ng	98
71) Phenanthrene	11.35	178	173485	2.879	ng	93
75) Fluoranthene	12.53	202	336074	5.699	ng	97
78) Pyrene	12.76	202	344028	5.074	ng	94
81) Benzo(a)anthracene	13.95	228	127641	2.503	ng	97
83) Chrysene	13.98	228	125959	2.489	ng	95
84) Bis(2-ethylhexyl)phthalate	13.95	149	96349	2.436	ng	99
88) Benzo(b)fluoranthene	14.97	252	127315m	2.641	ng	
90) Benzo(a)pyrene	15.33	252	103033	2.330	ng	99

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

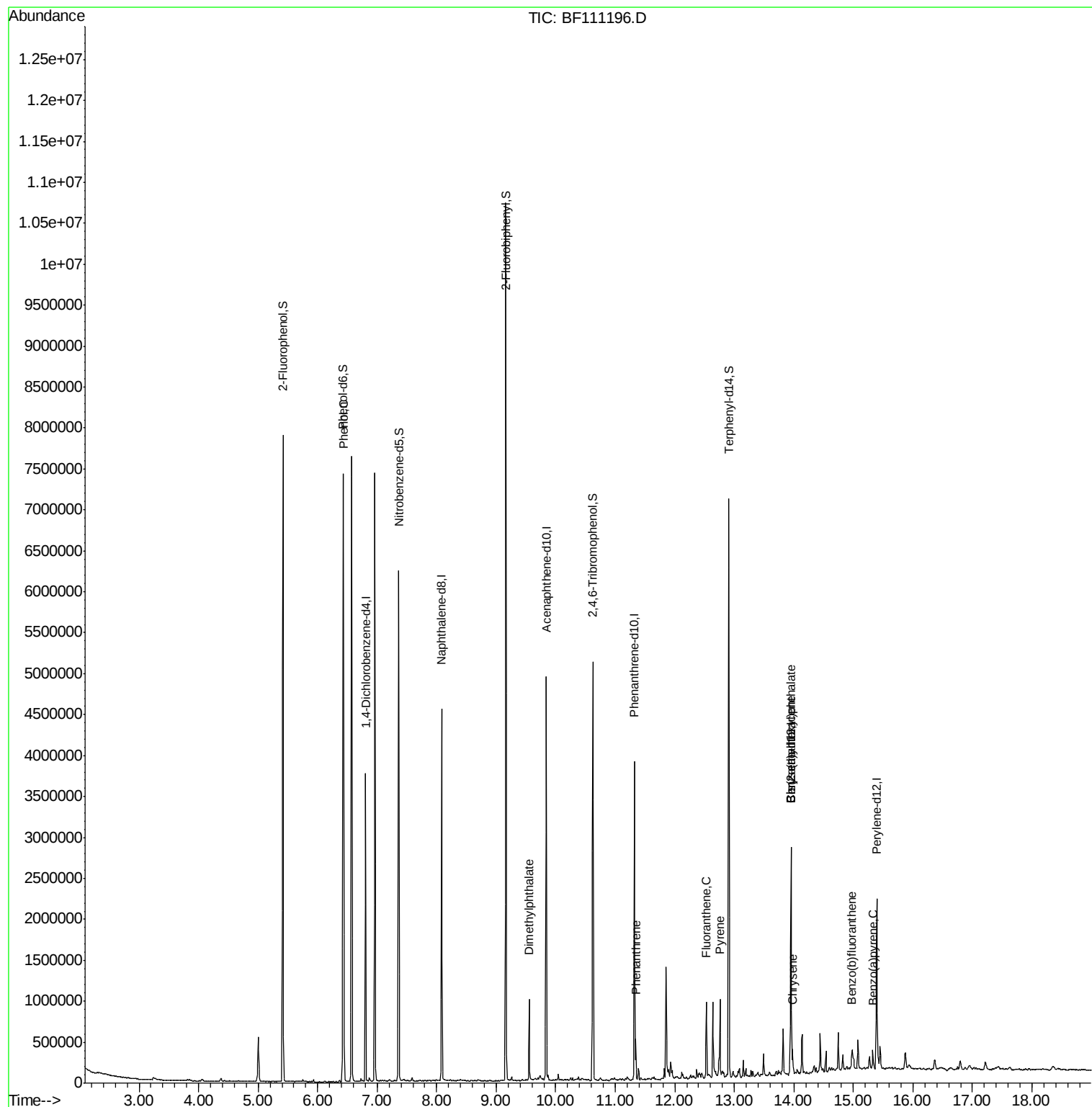
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111196.D
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Operator : JU/SJ
Sample : J6214-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

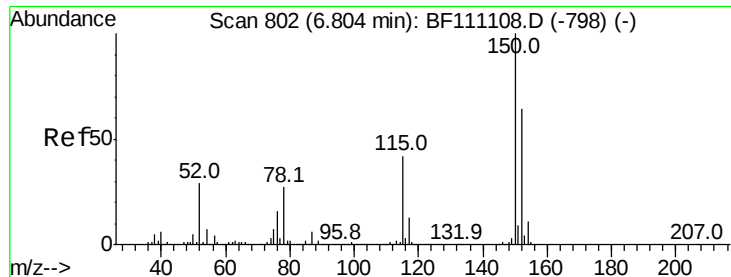
Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

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Quant Time: Dec 08 01:47:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 17:30:55 2018
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#1

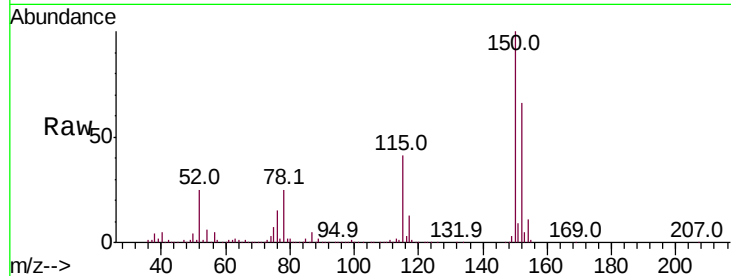
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	187.0
115	63.3	52.2	78.2

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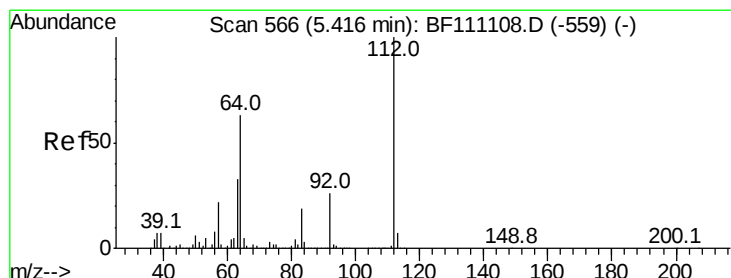
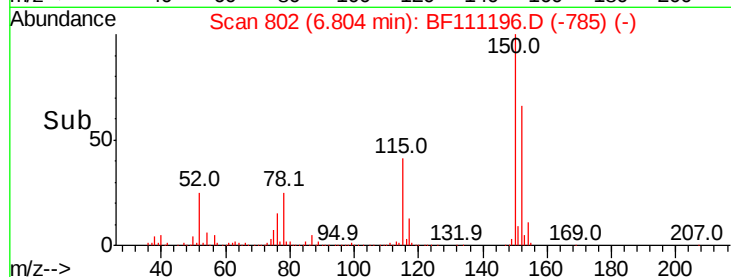
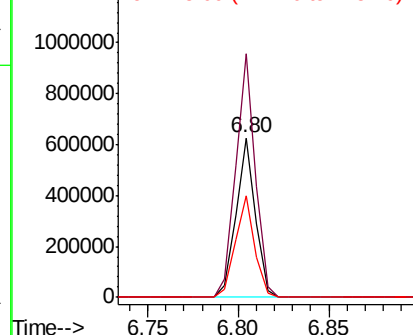


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

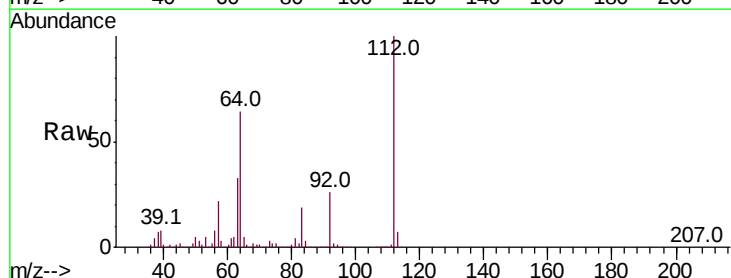
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.034 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	50.2	75.4
63	33.0	26.6	39.8

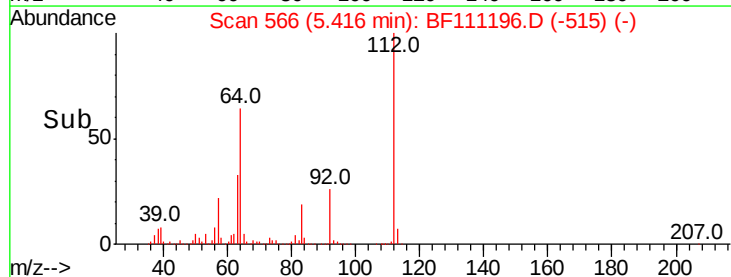
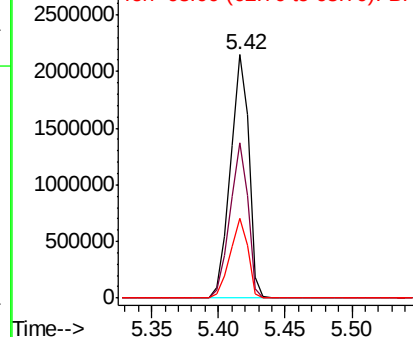


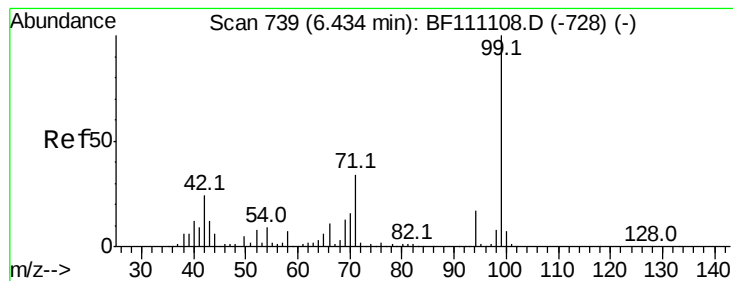
Abundance

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: 67.677 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

Instrument :

BNA_F

ClientSampled :

SB-4(3-5)

Tot Ion: 99 Resp: 2596489

Ion Ratio Lower Upper

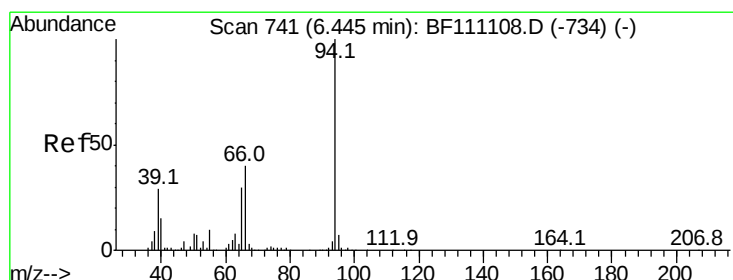
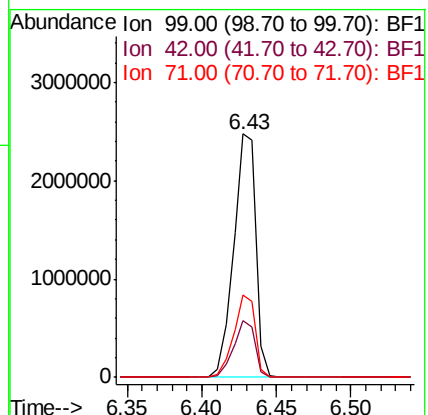
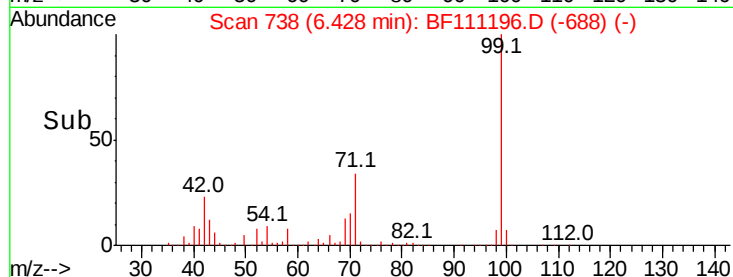
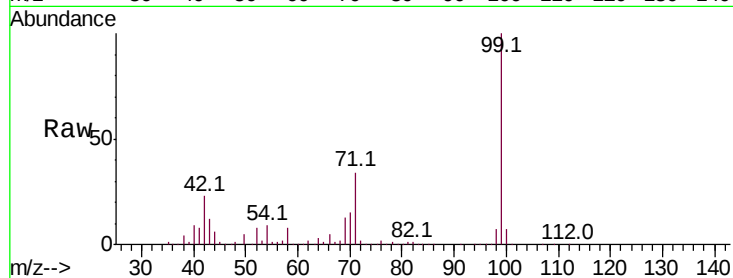
99 100

42 23.3 19.3 28.9

71 33.9 27.4 41.2

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#10

Phenol

Concen: 4.358 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

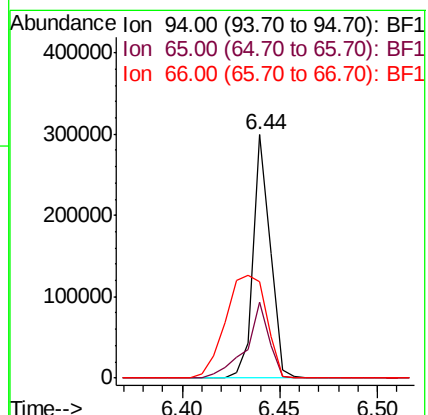
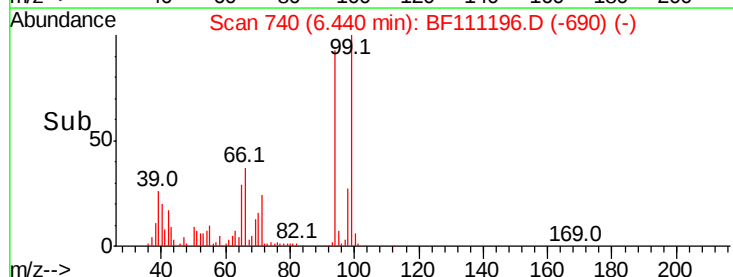
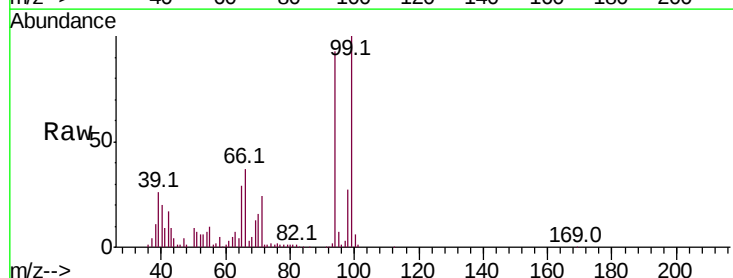
Tgt Ion: 94 Resp: 182301

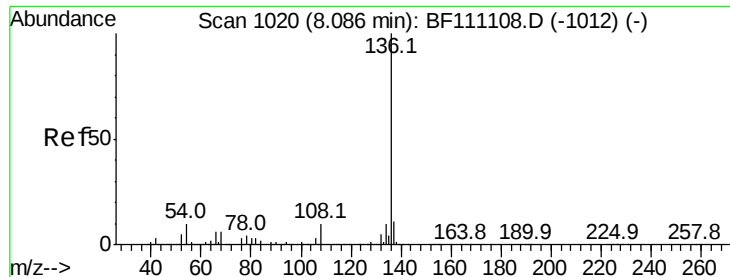
Ion Ratio Lower Upper

94 100

65 31.1 10.5 50.5

66 39.6 19.8 59.8





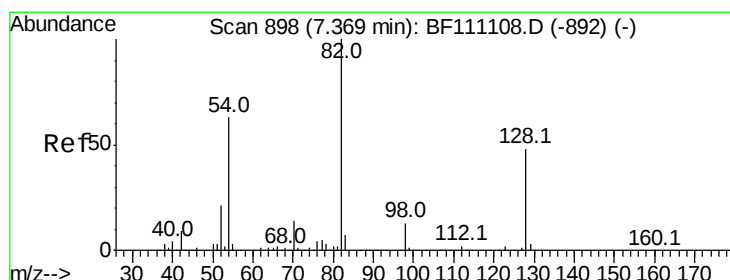
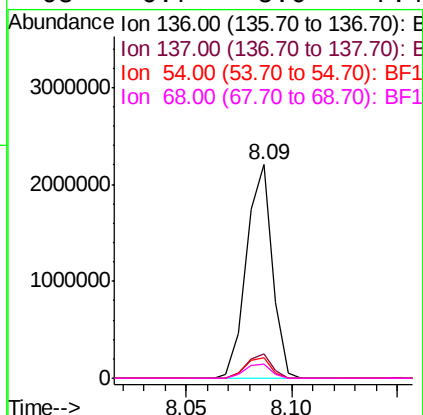
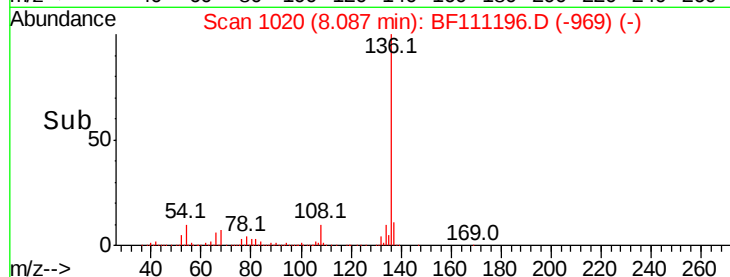
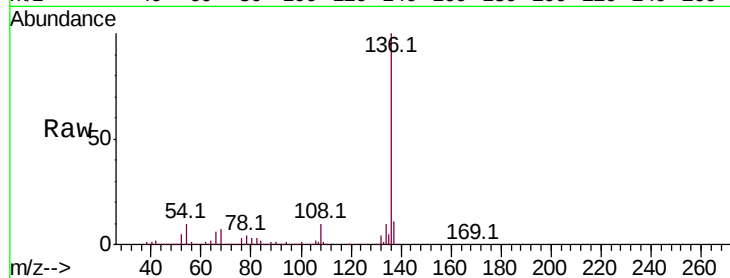
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	136	137	54	68
Ratio	100	11.3	9.7	6.7
Lower		9.0	8.4	5.0
Upper		13.6	12.6	7.4

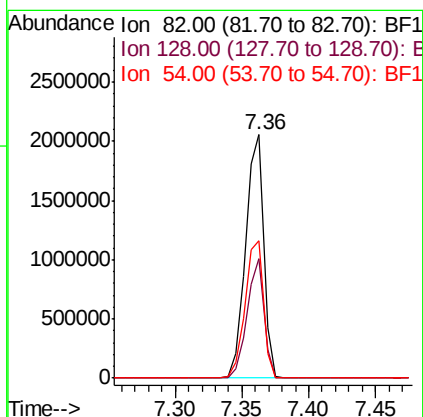
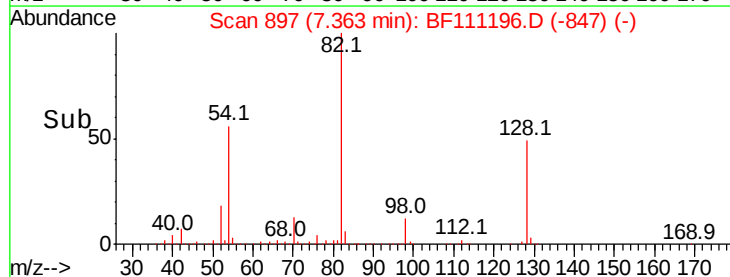
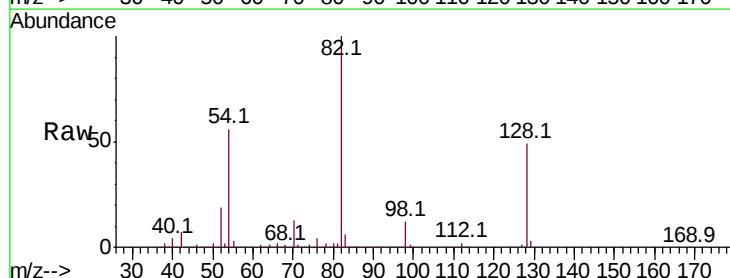
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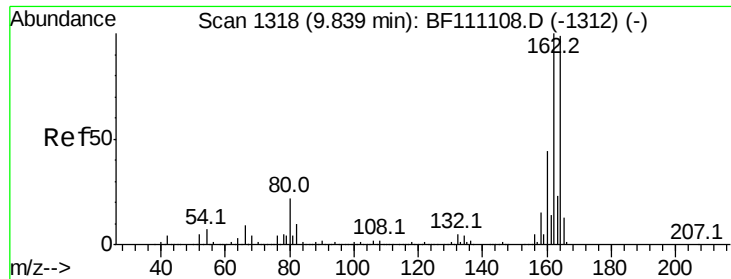
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#23
Nitrobenzene-d5
Concen: 60.273 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	82	128	54
Ratio	100	49.1	56.4
Lower		38.1	50.3
Upper		57.1	75.5





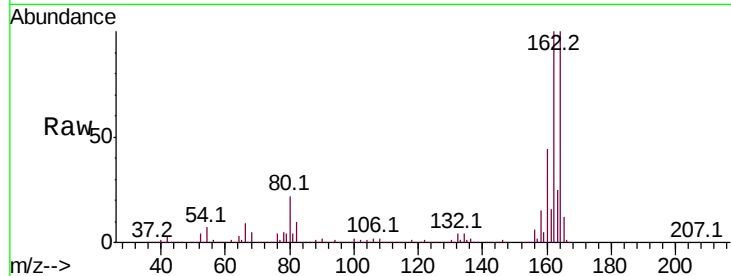
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampled :
SB-4(3-5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	891235		
162	100.3	80.6	120.8	
160	44.0	35.5	53.3	

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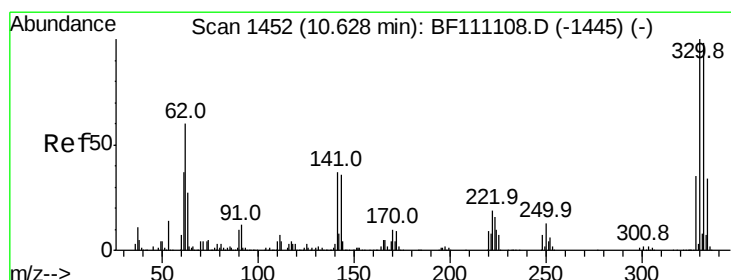
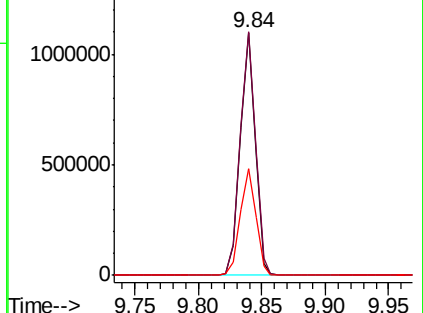
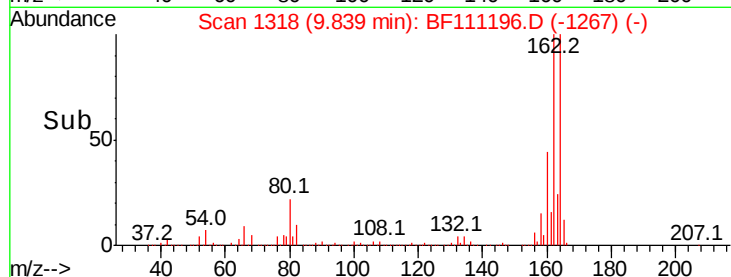


Abundance

Ion 164.00 (163.70 to 164.70): E

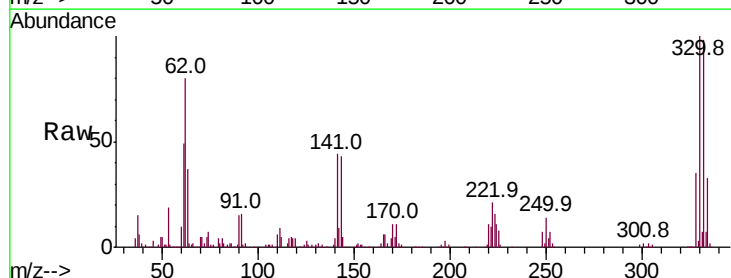
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 71.021 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	503131		
332	97.3	77.2	115.8	
141	40.8	36.1	54.1	

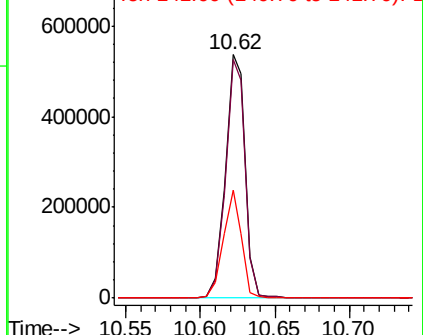
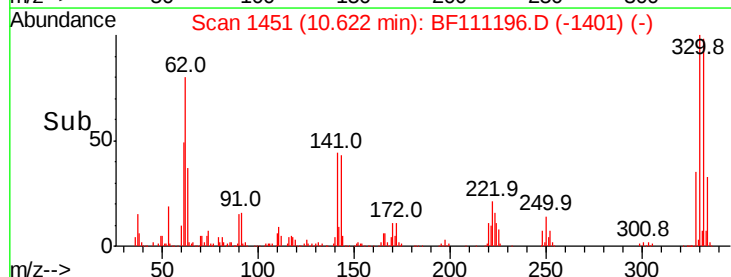


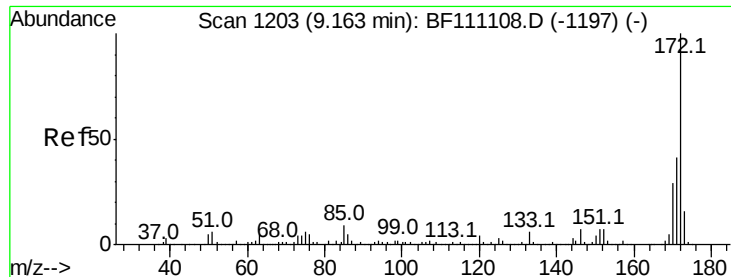
Abundance

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





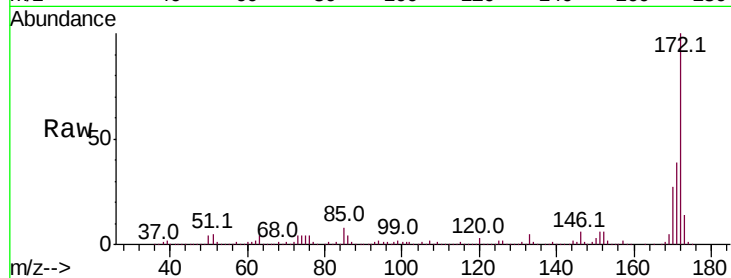
#45
2-Fluorobiphenyl
Concen: 56.629 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

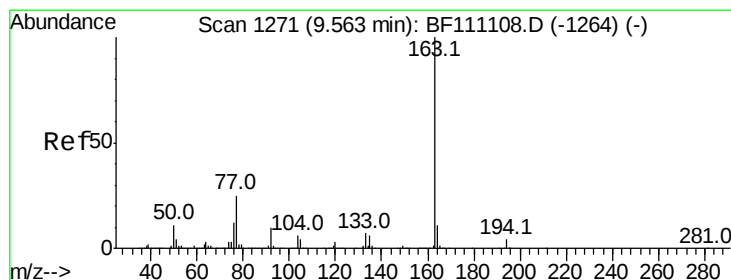
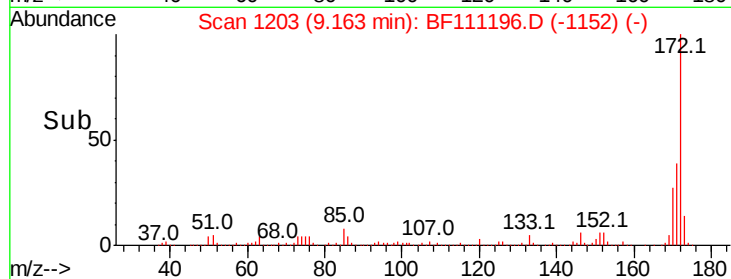
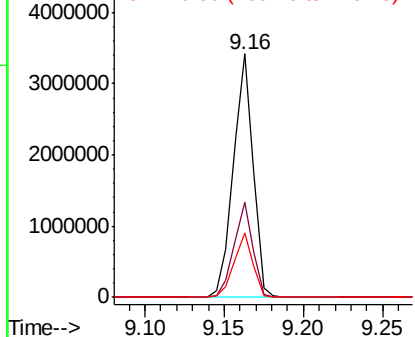
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	33.2	49.8
170	26.5	22.9	34.3

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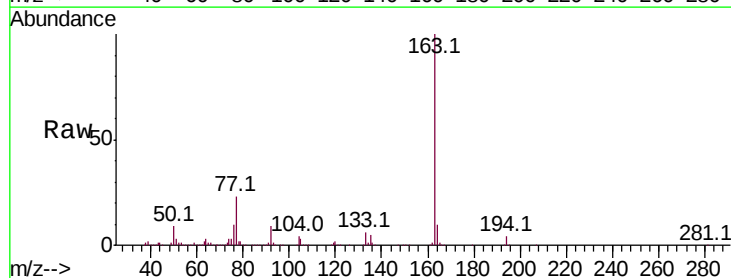


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

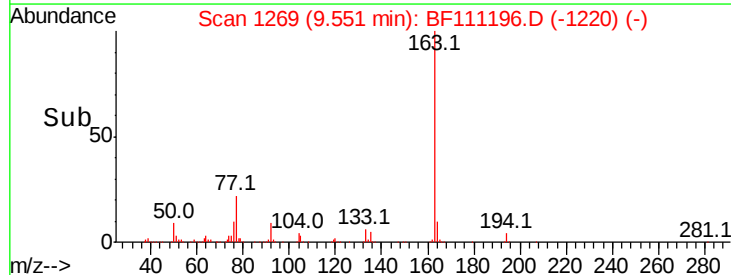
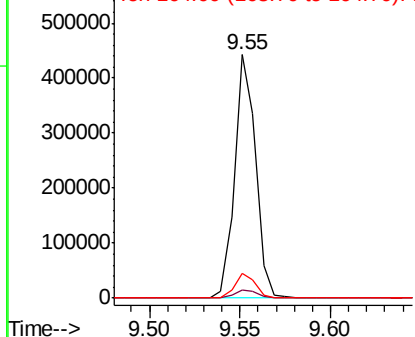


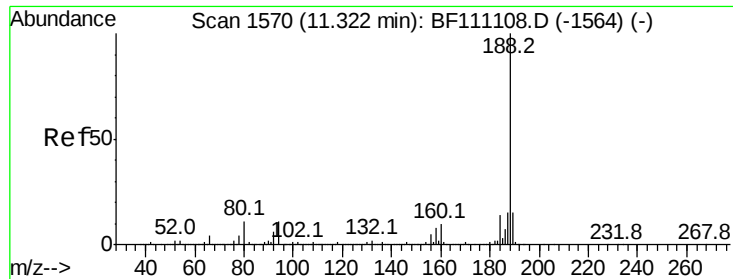
#50
Dimethylphthalate
Concen: 5.764 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.3	8.9	13.3



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





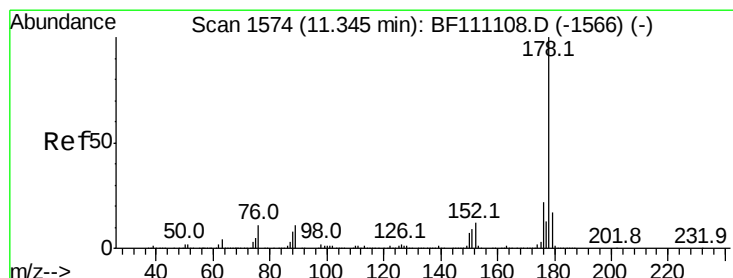
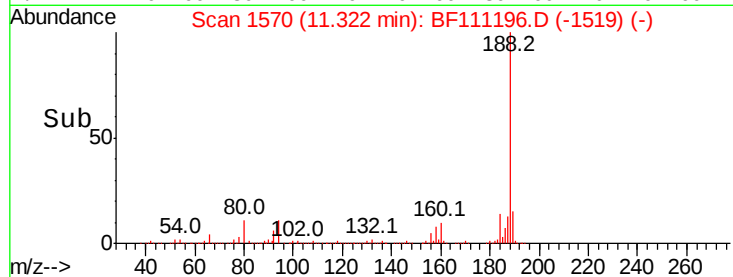
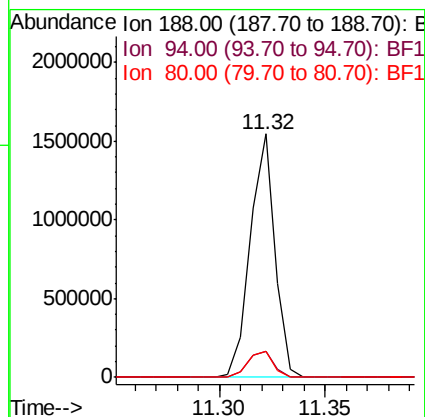
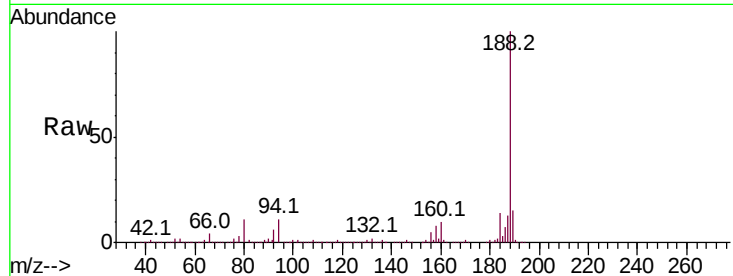
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.9	9.0	13.6

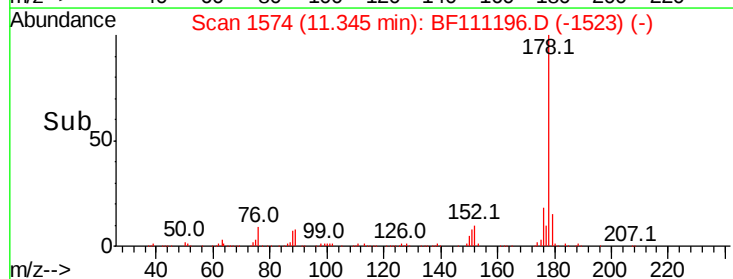
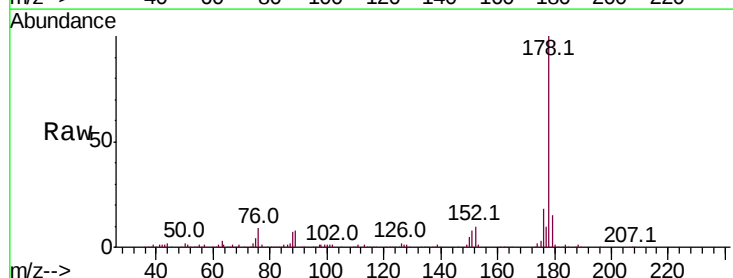
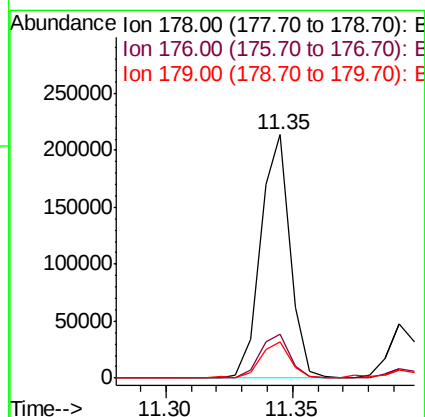
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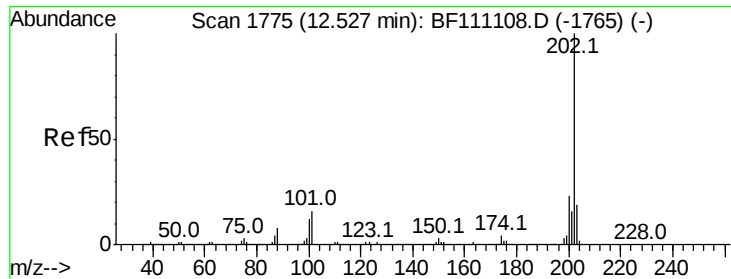
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#71
Phenanthrene
Concen: 2.879 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	17.7	26.5
179	14.9	14.0	21.0





#75

Fluoranthene

Concen: 5.699 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

Instrument :

BNA_F

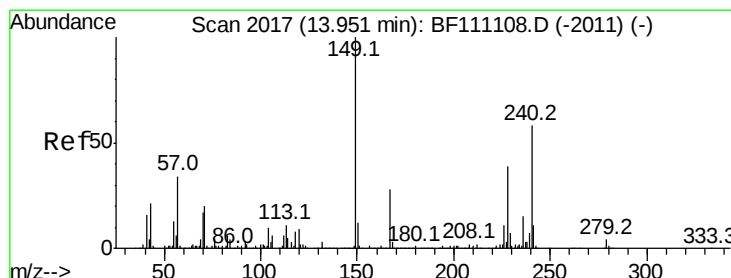
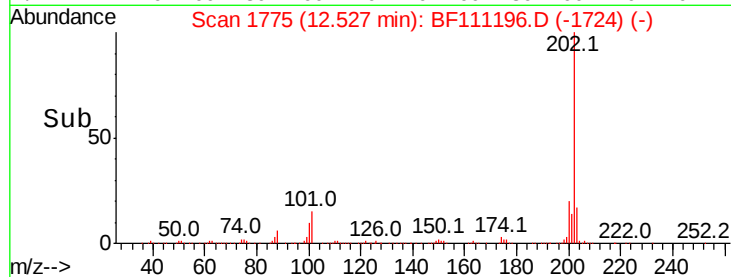
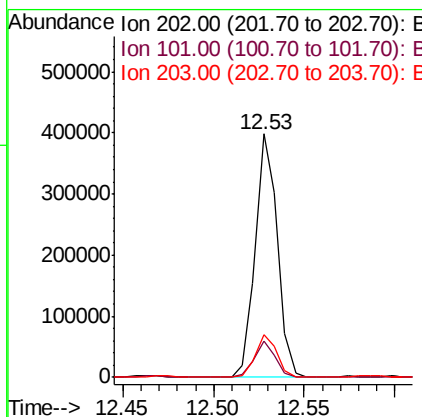
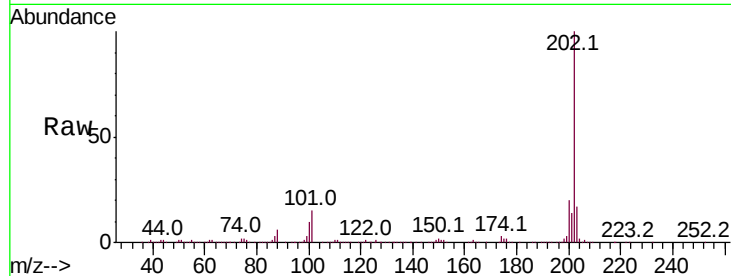
ClientSampled :

SB-4(3-5)

Tot Ion:	202	Resp:	336074
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	35.8
203	17.3	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

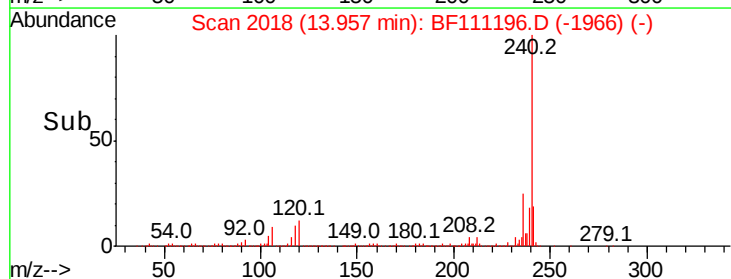
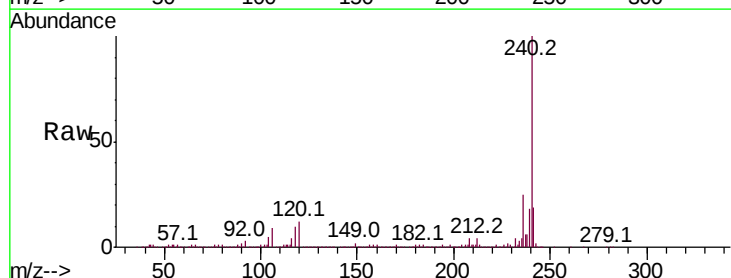
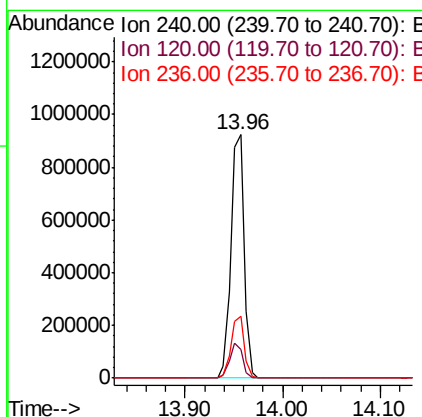
RT: 13.96 min Scan# 2018

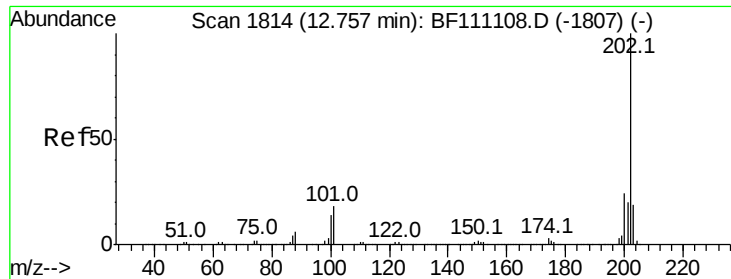
Delta R.T. 0.01 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

Tgt Ion:	240	Resp:	870207
Ion Ratio	Lower	Upper	
240	100		
120	11.8	12.8	19.2#
236	25.5	21.1	31.7





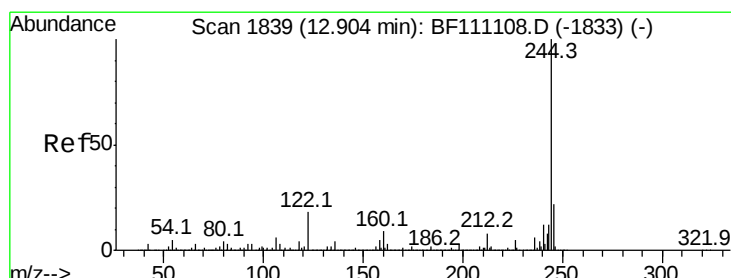
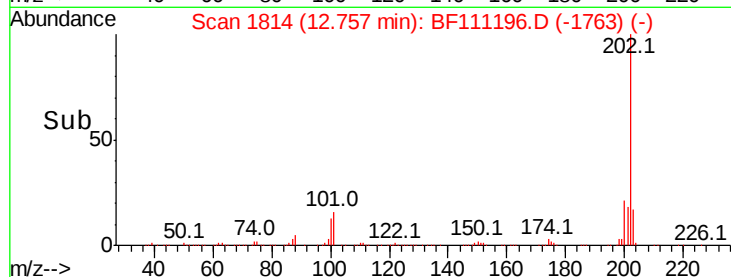
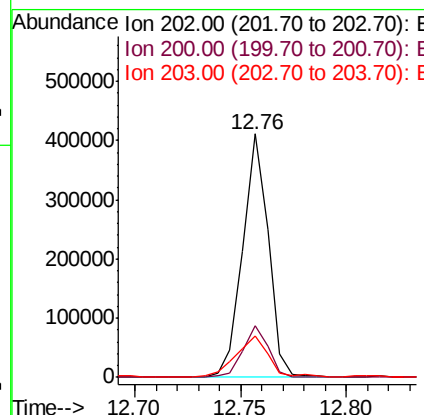
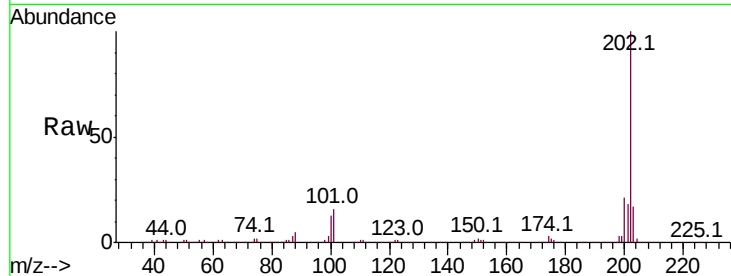
#78
Pvrene
Concen: 5.074 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	19.3	28.9
203	17.1	15.4	23.2

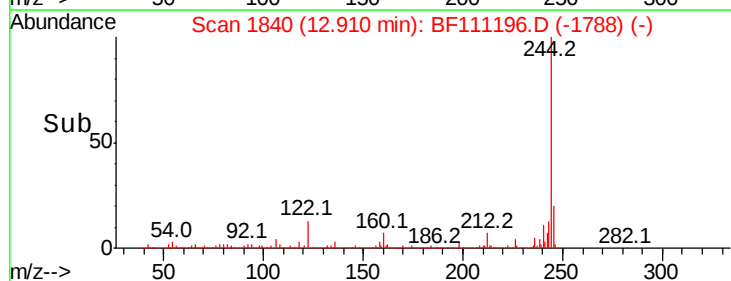
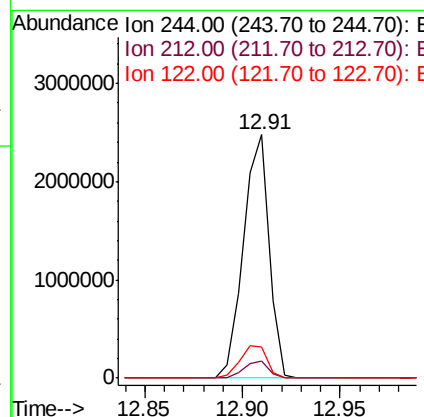
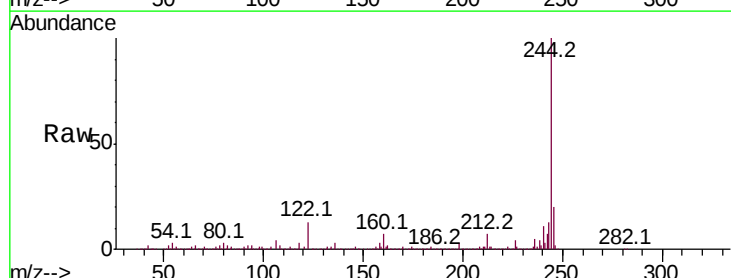
Manual Integrations
APPROVED

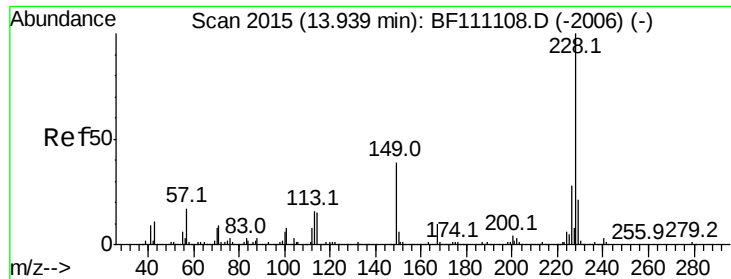
Sohil
12/11/2018 8:44:45 AM



#79
Terphenyl-d14
Concen: 53.140 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.6	9.8
122	12.8	14.2	21.2#





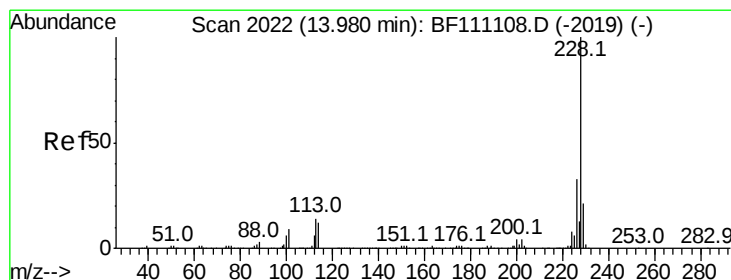
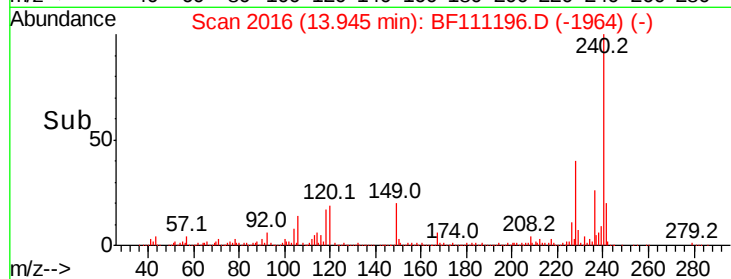
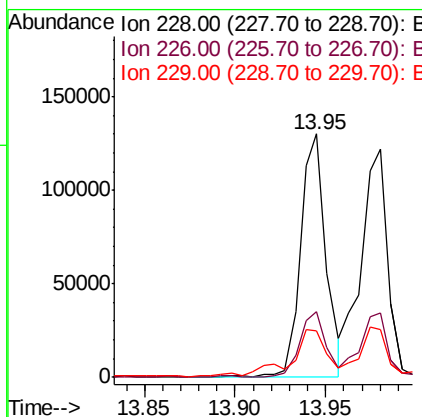
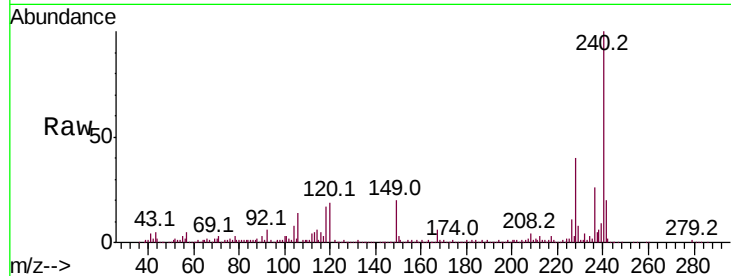
#81
Benzo(a)anthracene
Concen: 2.503 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	34.0
229	19.0	16.7	25.1

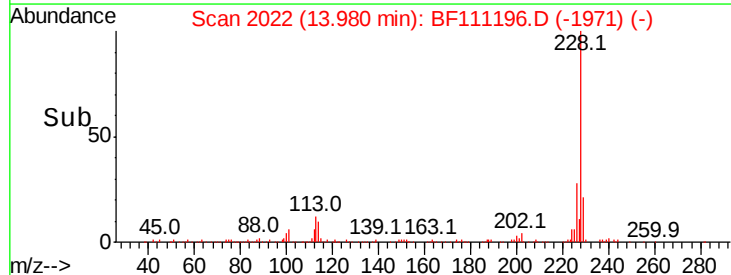
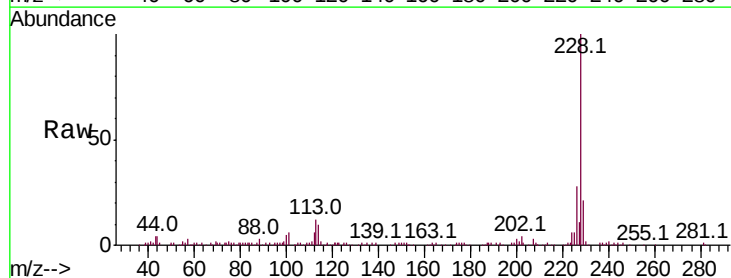
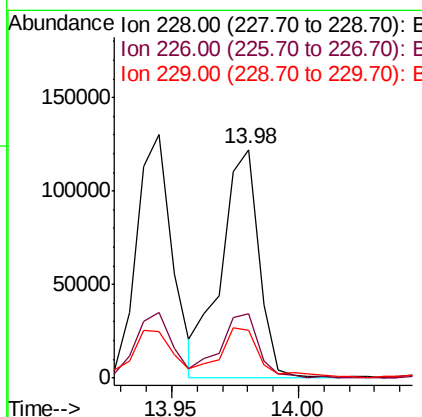
Manual Integrations
APPROVED

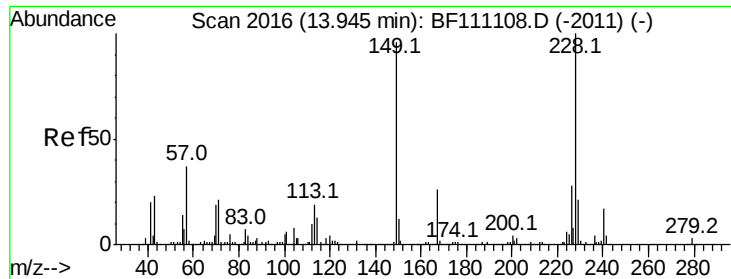
Sohil
12/11/2018 8:44:45 AM



#83
Chrysene
Concen: 2.489 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	26.2	39.2
229	21.2	16.9	25.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.436 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

Instrument :

BNA_F

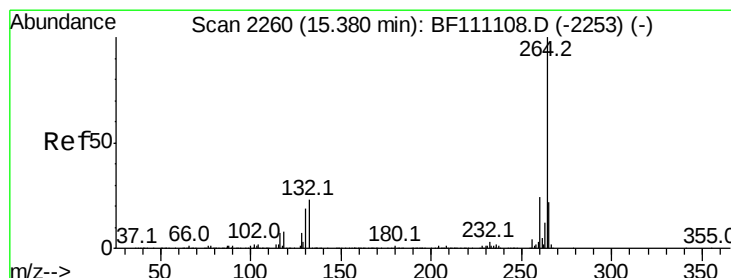
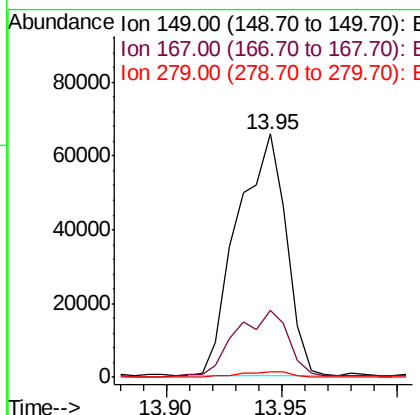
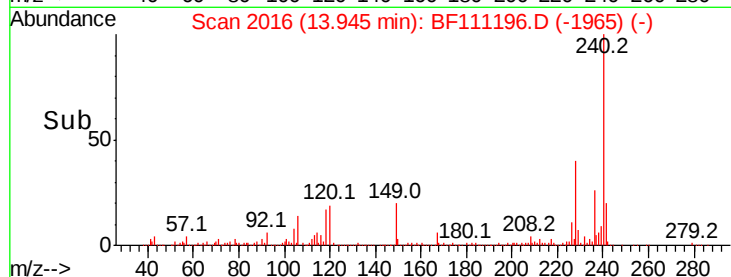
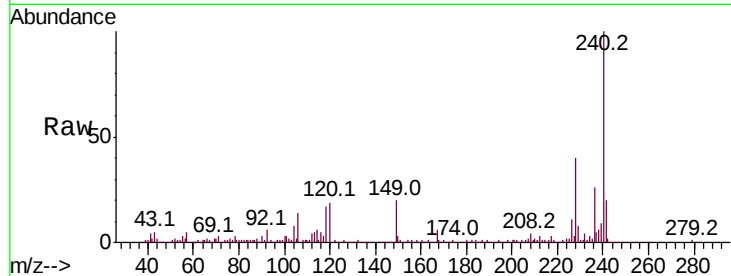
ClientSampleId :

SB-4(3-5)

Tot Ion:	149	Resp:	96349
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.6	32.4
279	2.5	2.3	3.5

Manual Integrations
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#87

Perylene-d12

Concen: 20.000 ng

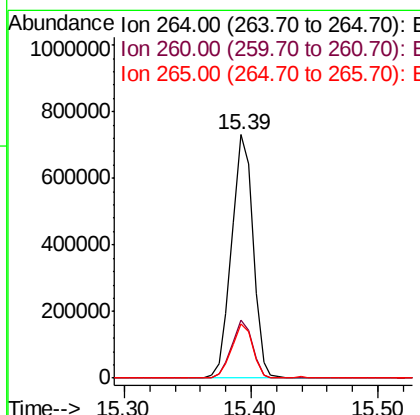
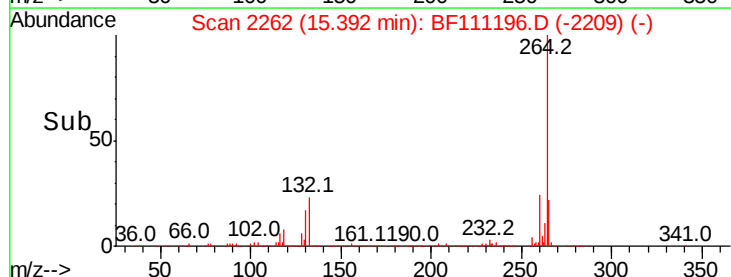
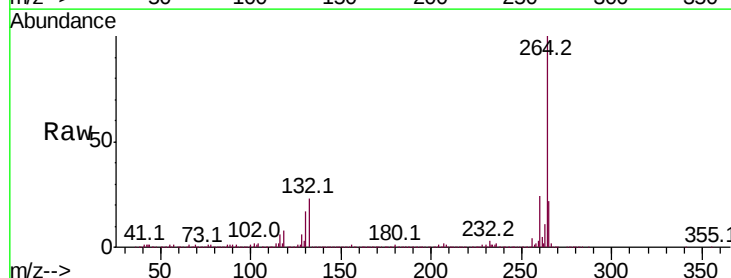
RT: 15.39 min Scan# 2262

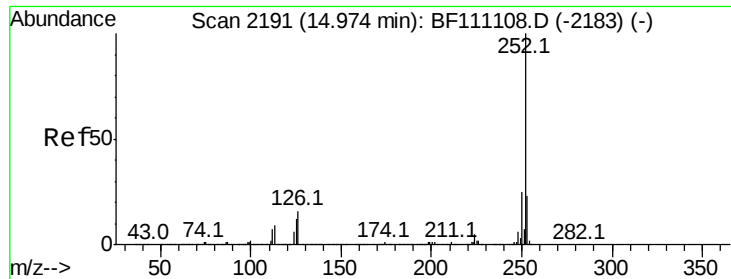
Delta R.T. 0.01 min

Lab File: BF111196.D

Acq: 7 Dec 2018 19:32

Tgt Ion:	264	Resp:	850852
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.0
265	22.1	17.4	26.0





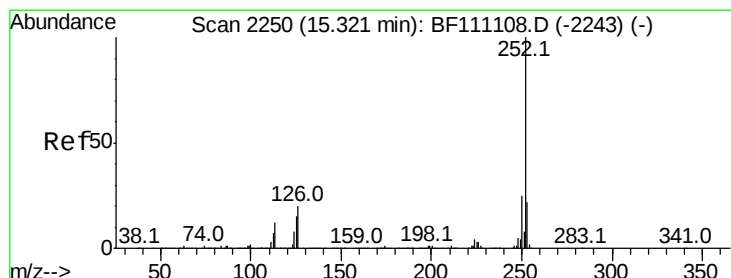
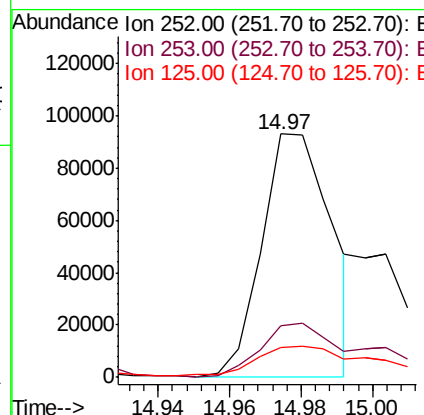
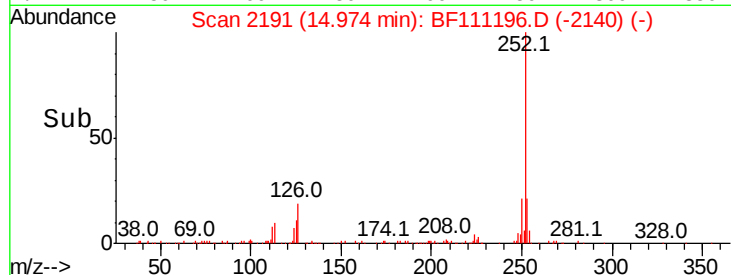
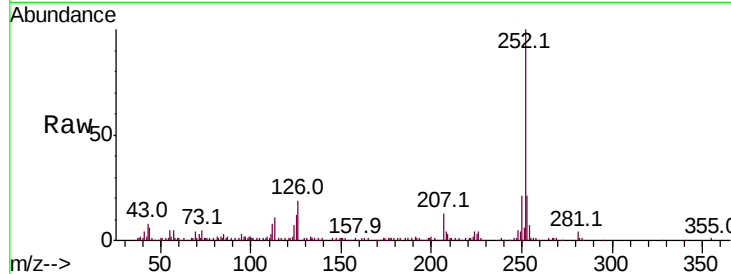
#88
Benzo(b)fluoranthene
Concen: 2.641 ng m
RT: 14.97 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Instrument :
BNA_F
ClientSampleId :
SB-4(3-5)

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.3	18.5	27.7
125	12.4	9.9	14.9

Manual Integrations
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12/11/2018 8:44:45 AM



#90
Benzo(a)pyrene
Concen: 2.330 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF111196.D
Acq: 7 Dec 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.0	12.4	18.6

