

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111209.D
 Acq On : 8 Dec 2018 2:02
 Operator : JU/SJ
 Sample : J6260-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Manual Integrations
 APPROVED

Sohil
 12/11/2018 8:44:54 AM

Quant Time: Dec 08 03:27:10 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	497832	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1759594	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	784486	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	938872	20.00	ng	0.00
76) Chrysene-d12	13.97	240	934041	20.00	ng	0.02
87) Perylene-d12	15.40	264	601489	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3036565	95.18	ng	0.00
7) Phenol-d6	6.44	99	3791315	92.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	2364973	79.57	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	650642	104.34	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3342871	77.63	ng	0.00
79) Terphenyl-d14	12.91	244	2167419	47.52	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.45	94	267791	5.976	ng	98
31) Naphthalene	8.11	128	1044212	13.630	ng	94
37) 2-Methylnaphthalene	8.80	142	406433	7.691	ng	96
38) 1-Methylnaphthalene	8.90	142	308580	6.074	ng	100
46) 1,1'-Biphenyl	9.26	154	141381	2.202	ng	92
49) Acenaphthylene	9.70	152	221767	3.179	ng	93
50) Dimethylphthalate	9.55	163	265996	4.872	ng	98
52) Acenaphthene	9.87	154	883911	19.181	ng	99
55) Dibenzofuran	10.05	168	1038783	16.366	ng	91
58) Fluorene	10.39	166	914078	20.422	ng	100
71) Phenanthrene	11.36	178	5243877	116.115	ng	96
72) Anthracene	11.40	178	1870456	41.089	ng	97
73) Carbazole	11.55	167	849228	17.928	ng	96
75) Fluoranthene	12.54	202	5203218	117.742	ng	96
78) Pyrene	12.77	202	4763157	65.456	ng	97
81) Benzo(a)anthracene	13.96	228	3083646	56.348	ng	97
83) Chrysene	13.99	228	3102217m	57.102	ng	
84) Bis(2-ethylhexyl)phthalate	13.95	149	144639	3.406	ng	98
86) Indeno(1,2,3-cd)pyrene	16.82	276	766573	17.574	ng	# 93
88) Benzo(b)fluoranthene	14.99	252	2529567m	74.218	ng	
89) Benzo(k)fluoranthene	15.02	252	752123m	22.827	ng	
90) Benzo(a)pyrene	15.34	252	1649645	52.768	ng	96
91) Dibenzo(a,h)anthracene	16.83	278	203056	7.740	ng	93
92) Benzo(g,h,i)perylene	17.24	276	691296	26.222	ng	98

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

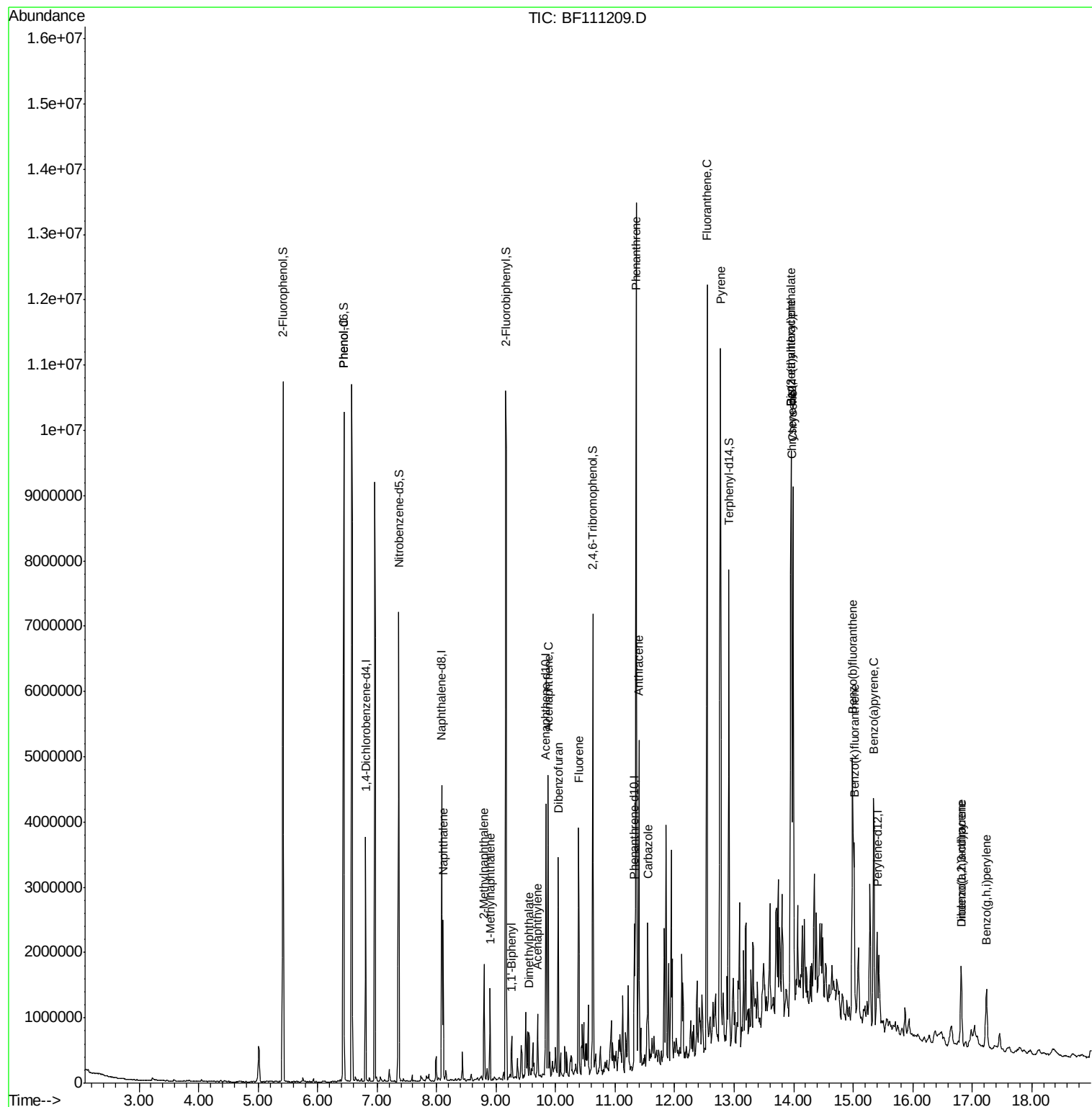
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111209.D
Acq On : 8 Dec 2018 2:02
Operator : JU/SJ
Sample : J6260-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

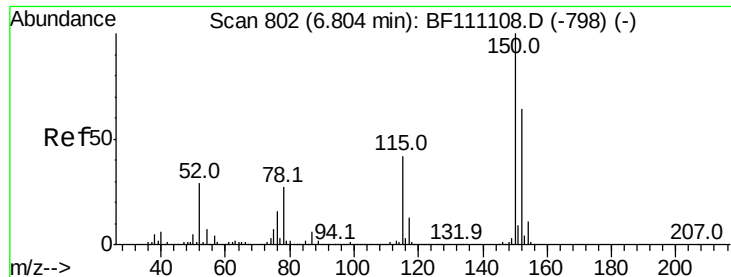
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

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12/11/2018 8:44:54 AM

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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





#1

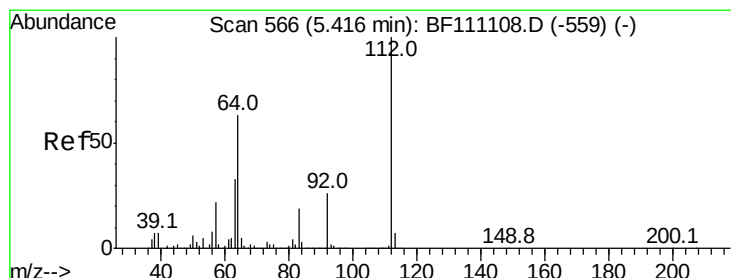
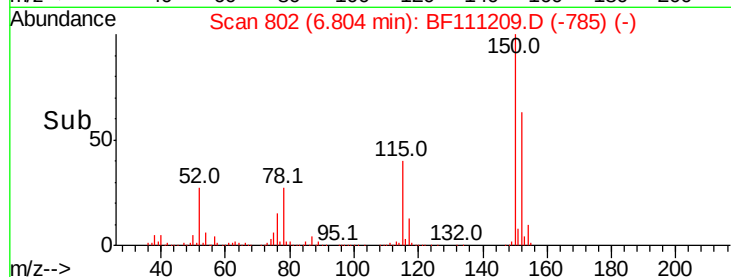
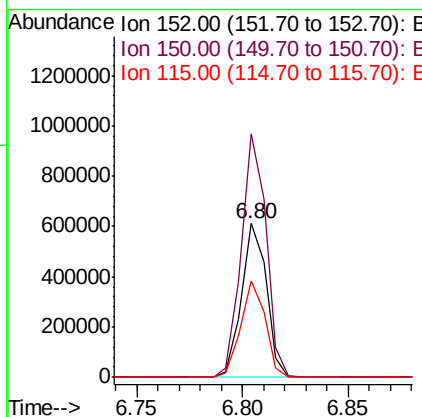
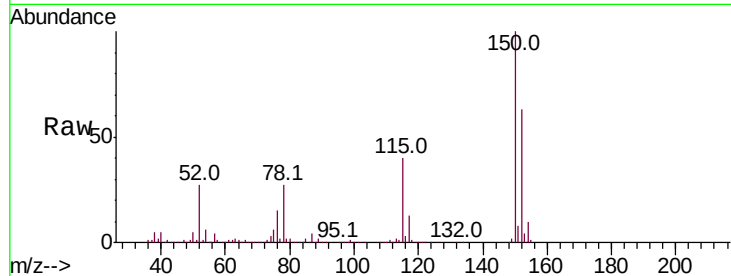
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	187.0
115	63.0	52.2	78.2

Manual Integrations
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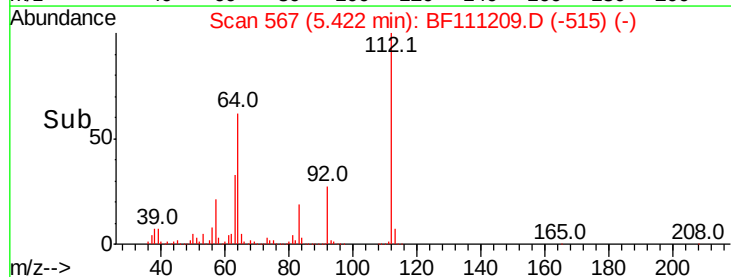
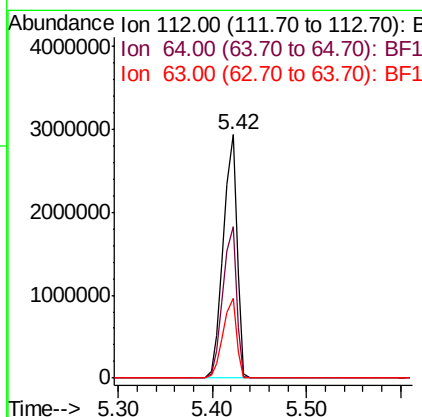
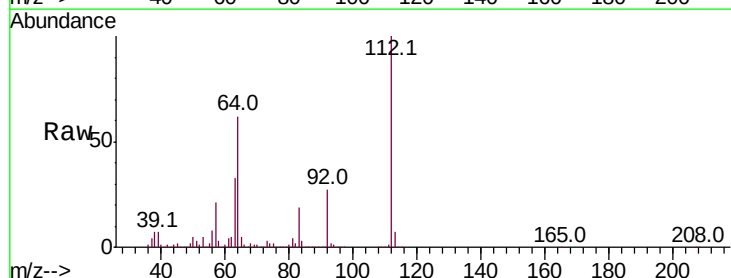
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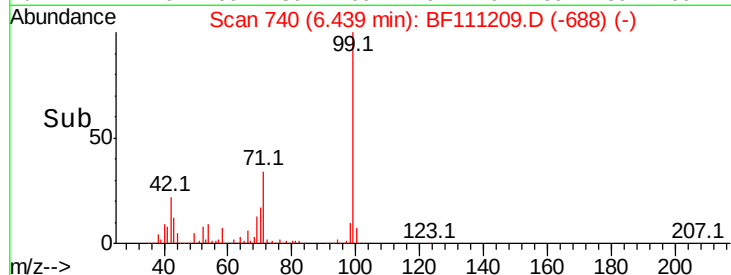
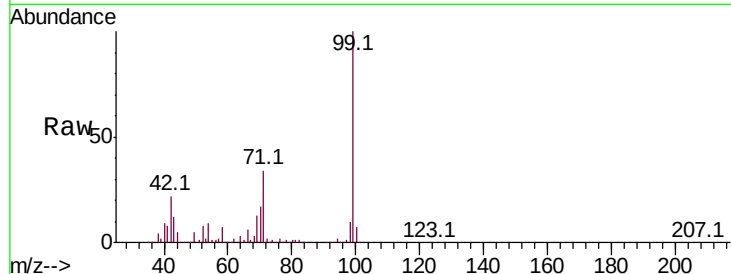
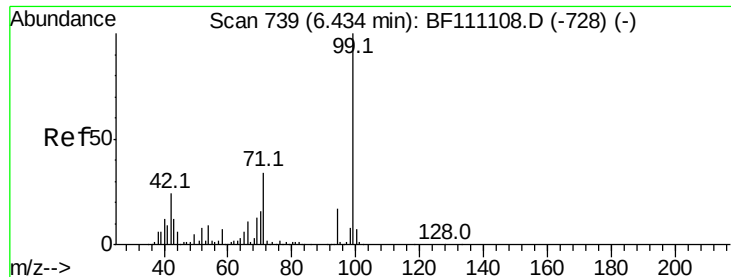


#5

2-Fluorophenol
Concen: 95.181 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.2	75.4
63	32.8	26.6	39.8





#7

Phenol-d6

Concen: 92.254 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tot Ion: 99 Resp: 3791315

Ion Ratio Lower Upper

99 100

42 22.5 19.3 28.9

71 34.0 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

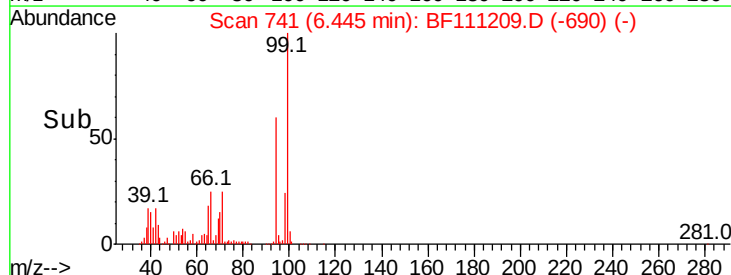
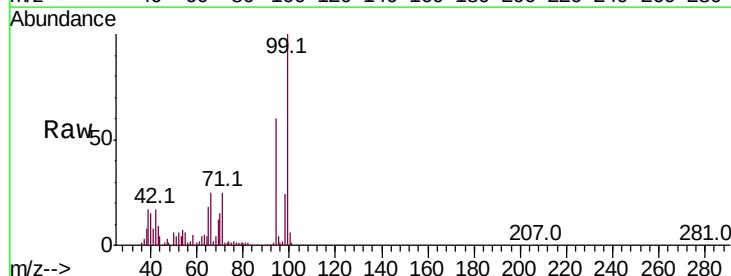
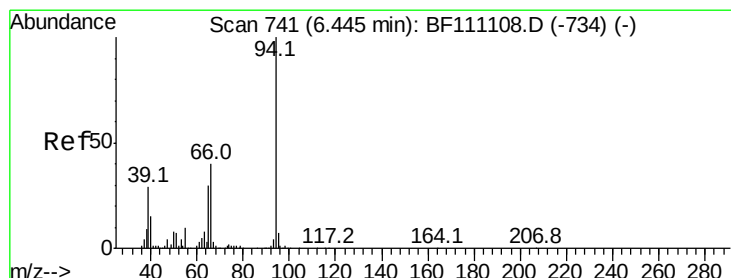
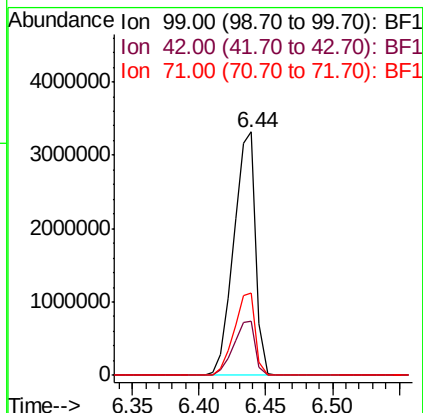
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#10

Phenol

Concen: 5.976 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

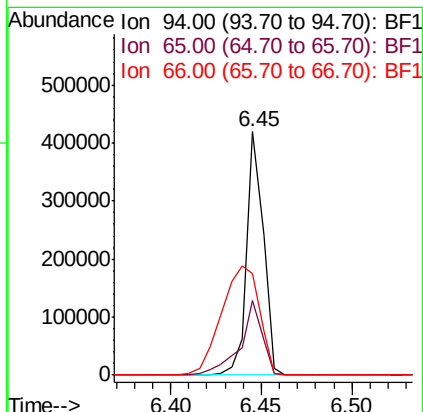
Tgt Ion: 94 Resp: 267791

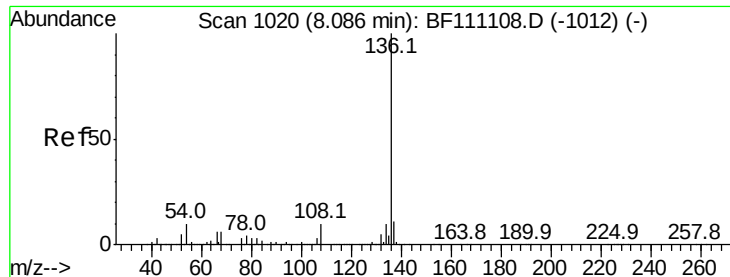
Ion Ratio Lower Upper

94 100

65 30.6 10.5 50.5

66 41.8 19.8 59.8





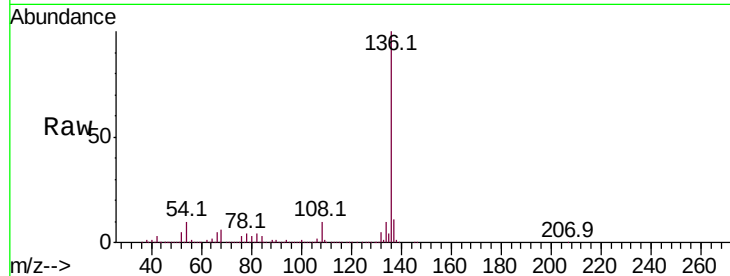
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	136	137	54	68
Ratio	100	11.3	9.9	6.4
Lower		9.0	8.4	5.0
Upper		13.6	12.6	7.4

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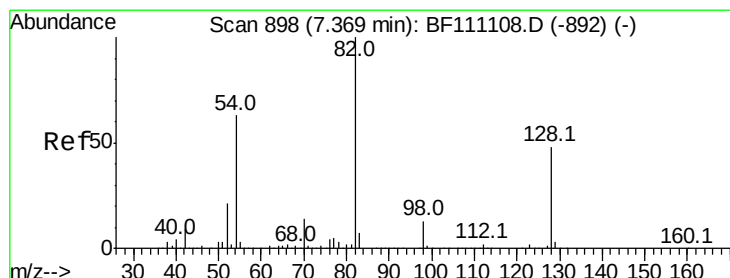
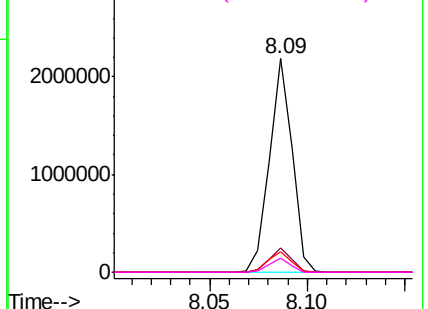
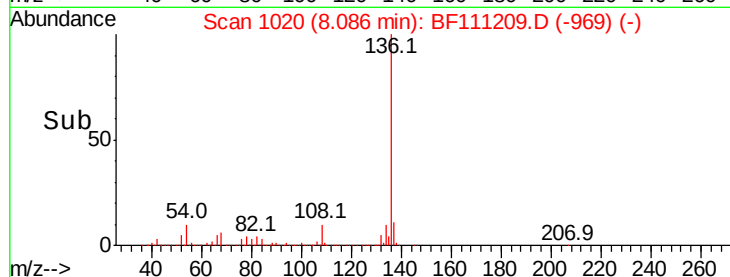
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

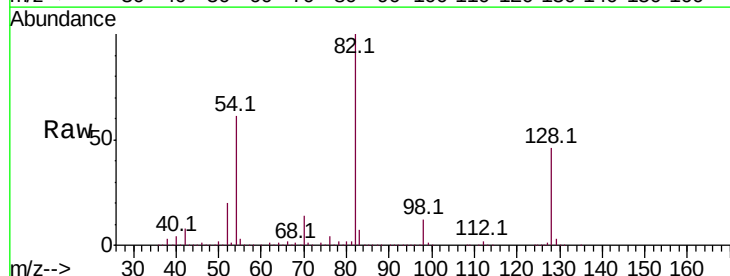
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 79.572 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	82	128	54
Ratio	100	46.1	61.2
Lower		38.1	50.3
Upper		57.1	75.5

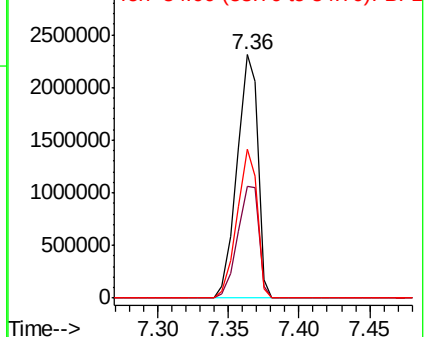
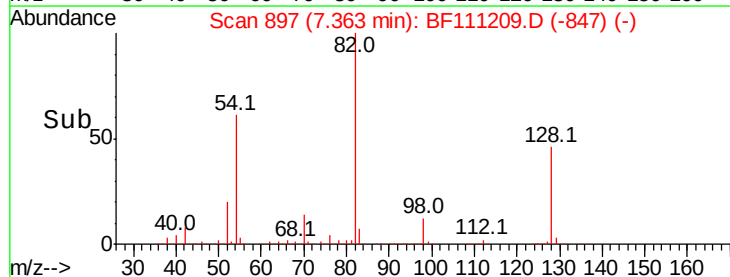


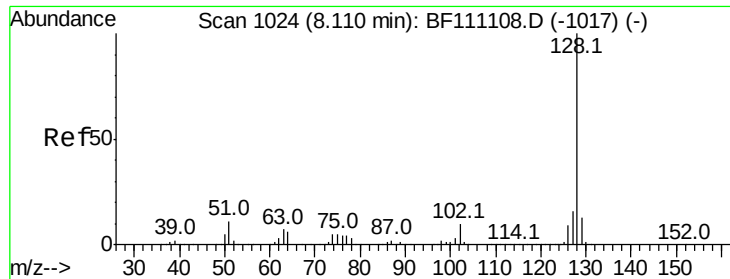
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





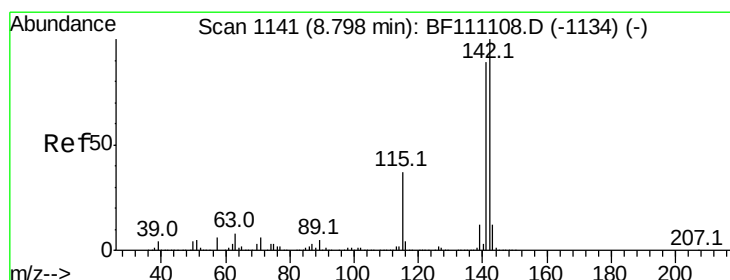
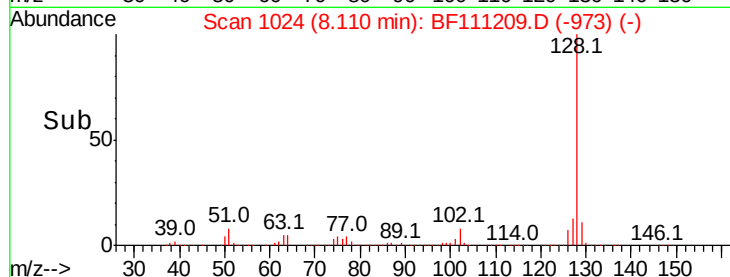
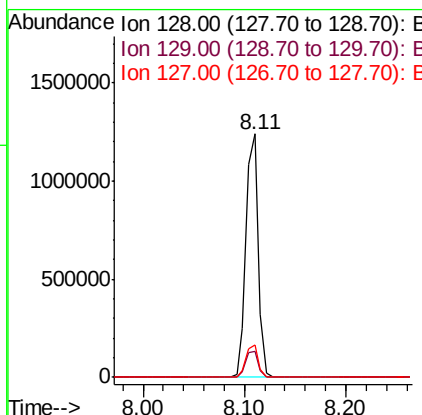
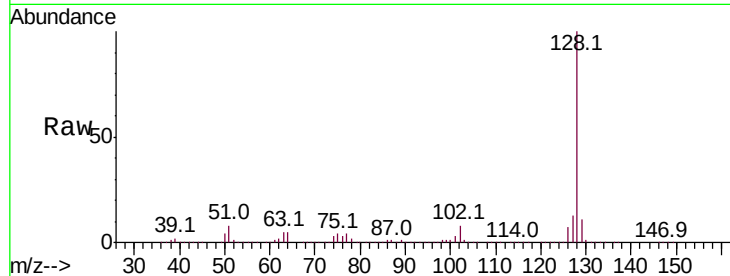
#31
Naphthalene
Concen: 13.630 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	10.5	15.7
127	13.1	12.5	18.7

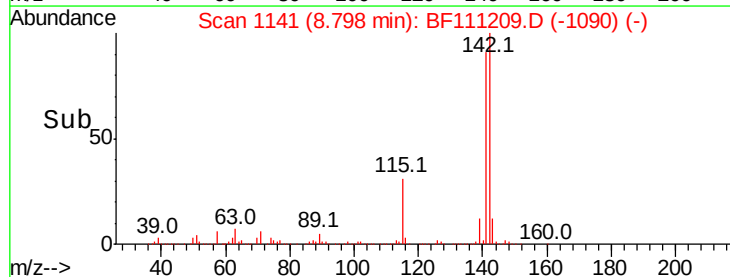
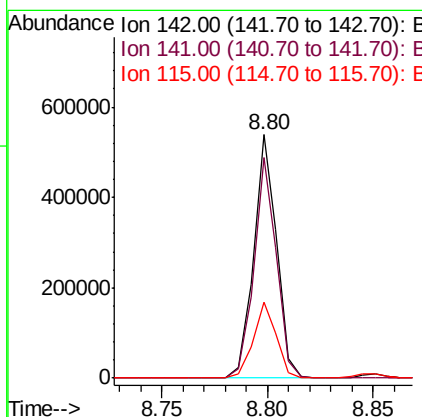
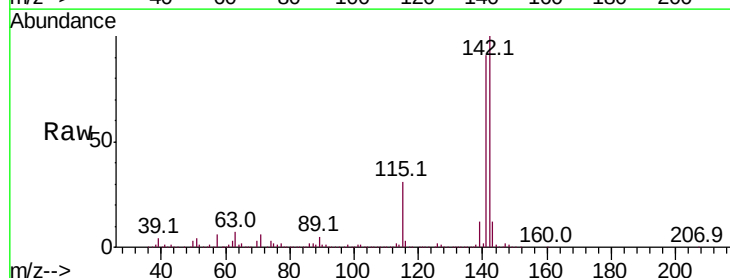
Manual Integrations
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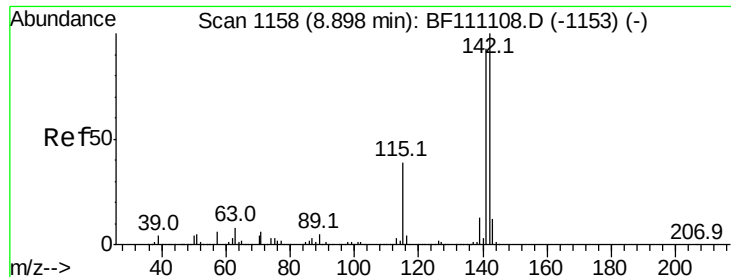
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#37
2-Methylnaphthalene
Concen: 7.691 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.4	107.0
115	31.1	29.2	43.8





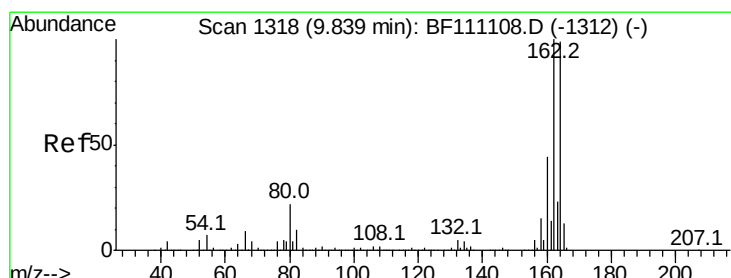
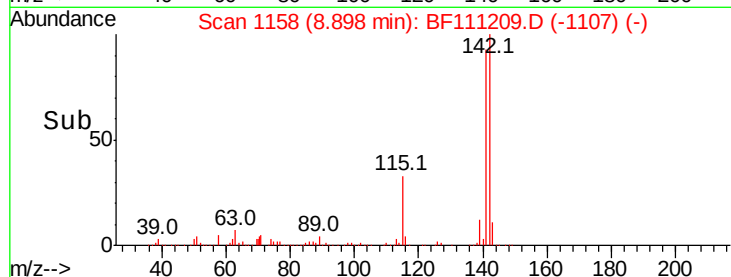
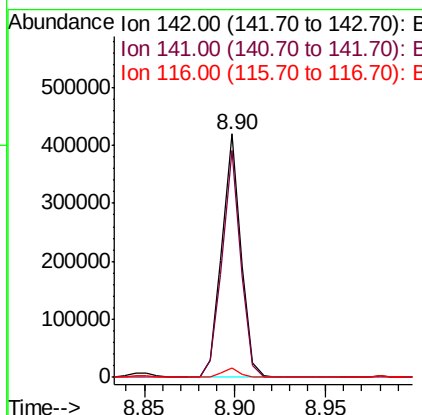
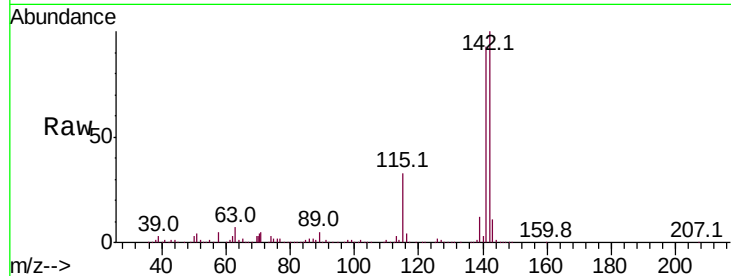
#38
1-Methylnaphthalene
Concen: 6.074 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampled :
SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
142	100	308580		
141	93.0	74.5	111.7	
116	3.7	3.2	4.8	

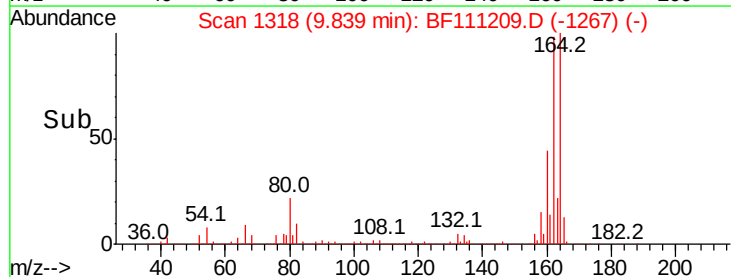
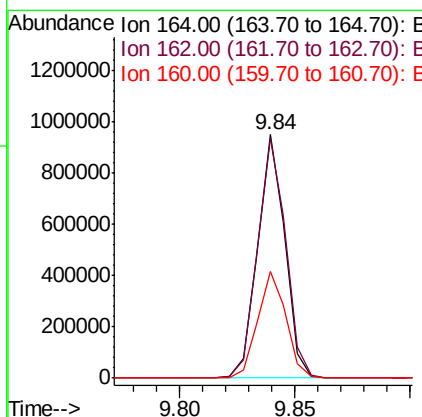
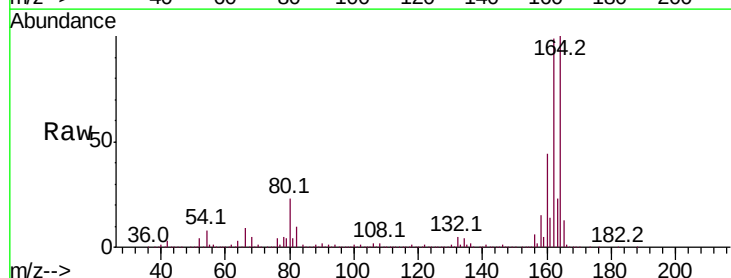
Manual Integrations
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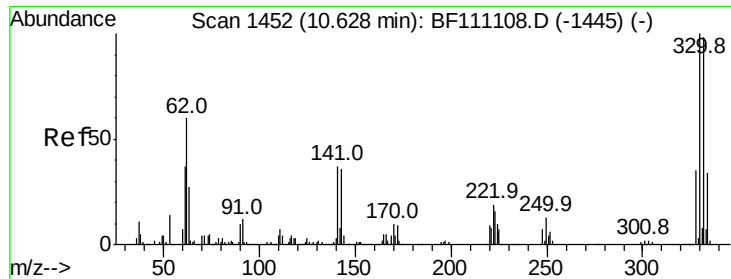
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	784486		
162	98.6	80.6	120.8	
160	43.9	35.5	53.3	





#42

2,4,6-Tribromophenol

Concen: 104.340 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

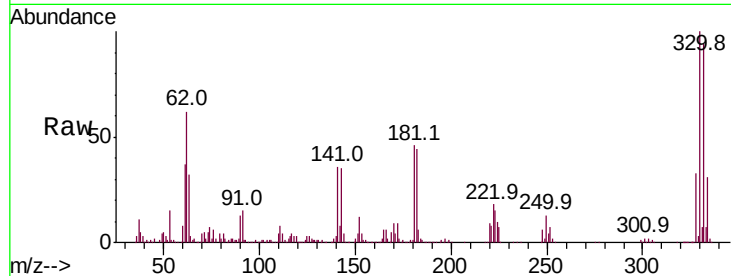
ClientSampleId :

SB-02-COMP

Tot Ion:	330	Resp:	650642
Ion Ratio	Lower	Upper	
330	100		
332	94.9	77.2	115.8
141	40.6	36.1	54.1

Manual Integrations
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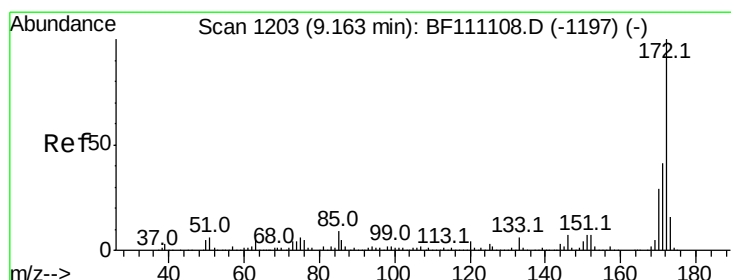
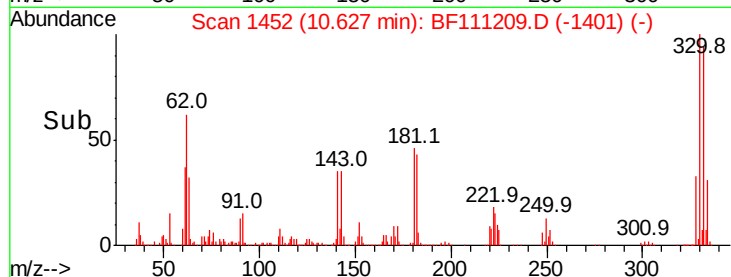
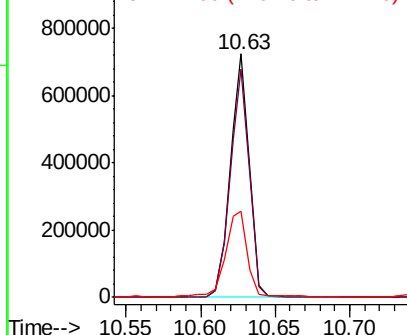


Abundance

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: 77.632 ng

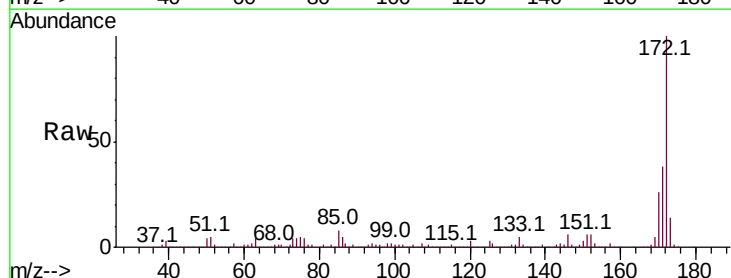
RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tgt Ion:	172	Resp:	3342871
Ion Ratio	Lower	Upper	
172	100		
171	38.0	33.2	49.8
170	26.0	22.9	34.3

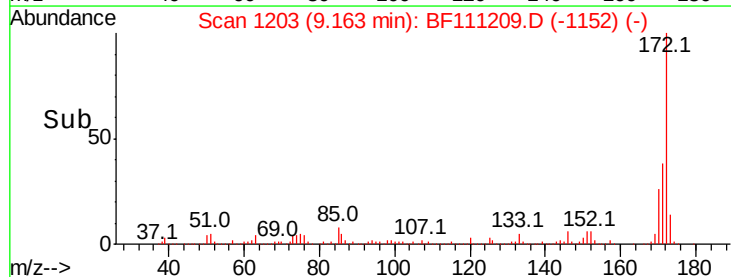
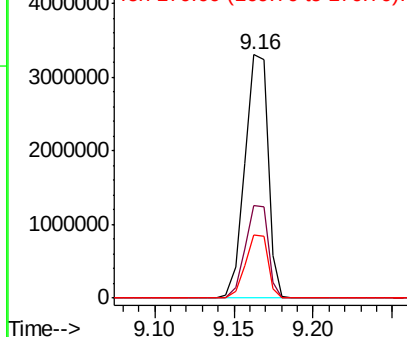


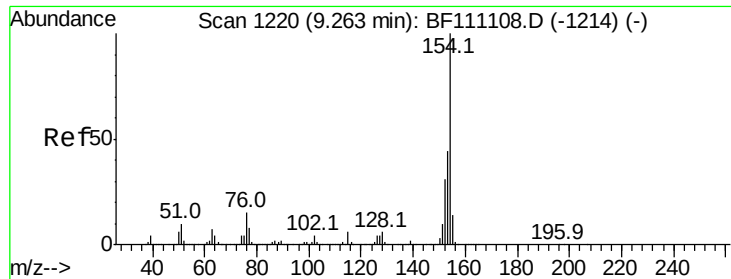
Abundance

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





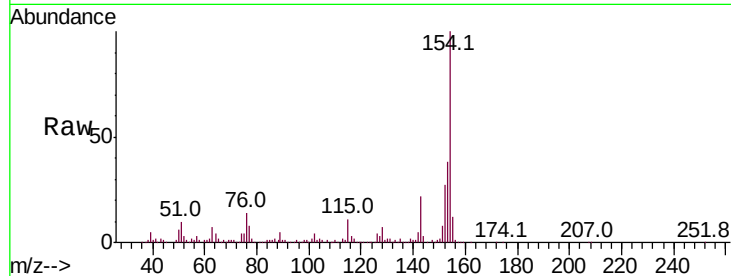
#46
1,1'-Biphenyl
Concen: 2.202 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampled :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.8	23.7	63.7
76	13.9	0.0	35.0

Manual Integrations
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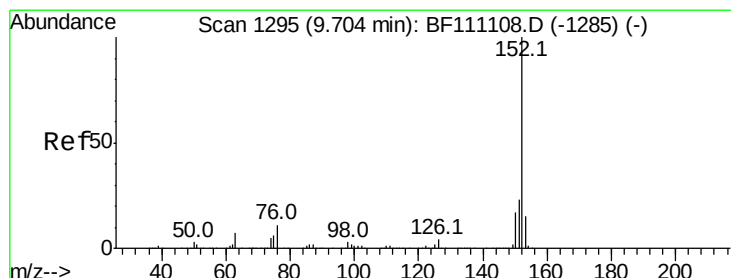
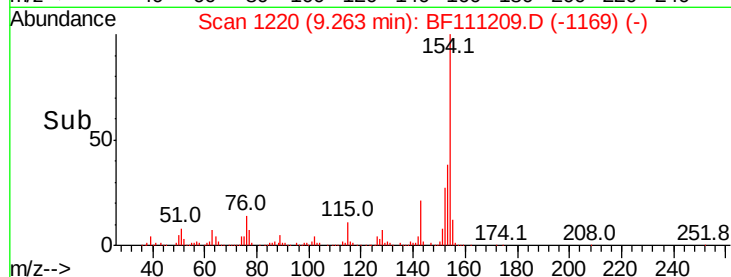
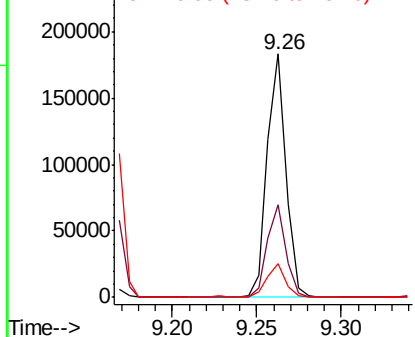


Abundance

Ion 154.00 (153.70 to 154.70): E

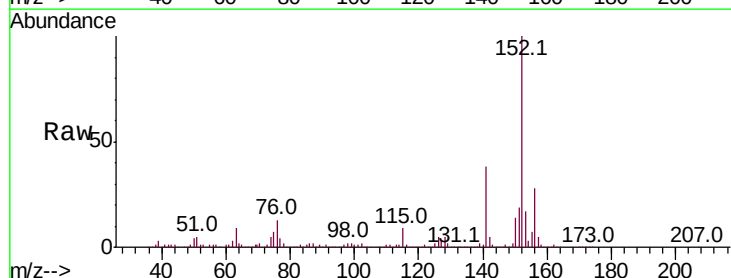
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49
Acenaphthylene
Concen: 3.179 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	18.3	27.5
153	16.7	11.8	17.8

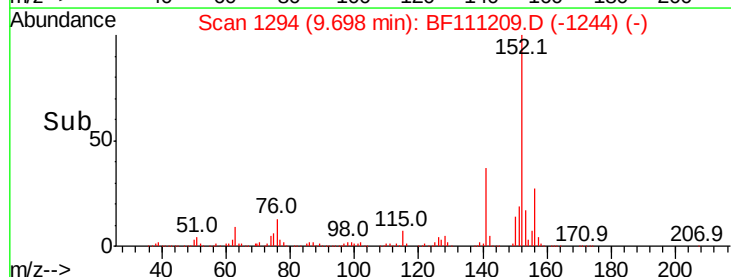
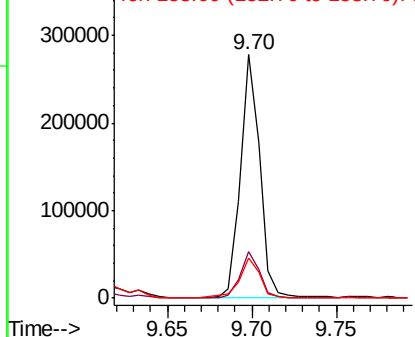


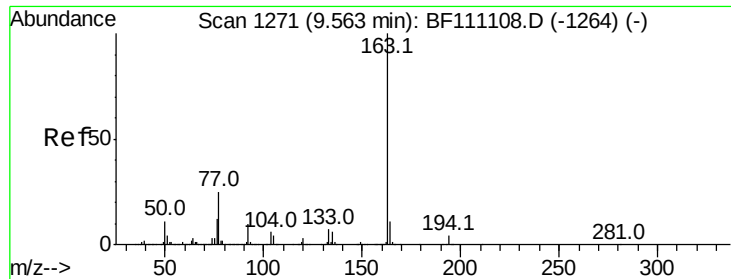
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





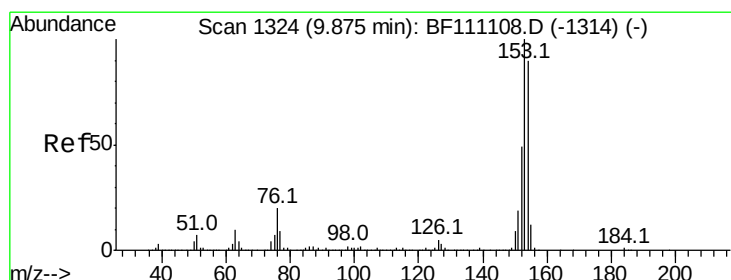
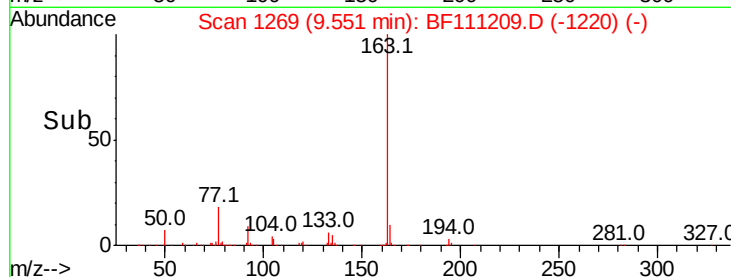
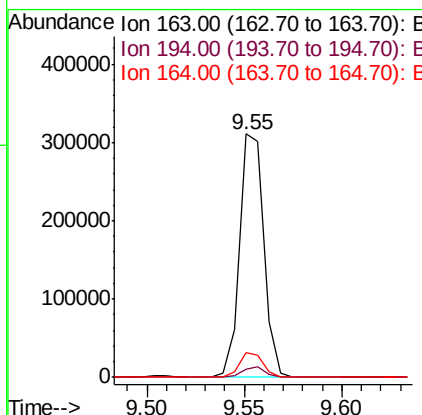
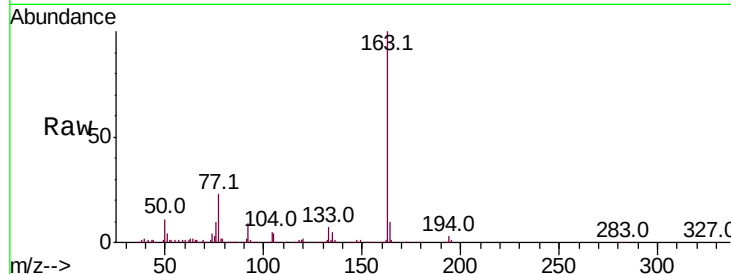
#50
Dimethylphthalate
Concen: 4.872 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	265996		
194	3.3		3.0	4.4
164	10.2		8.9	13.3

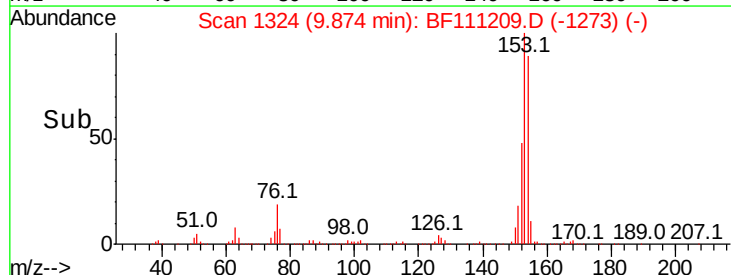
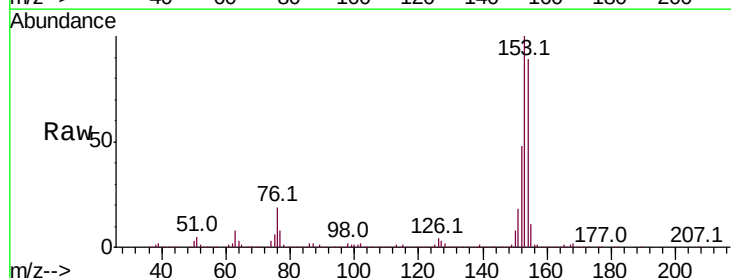
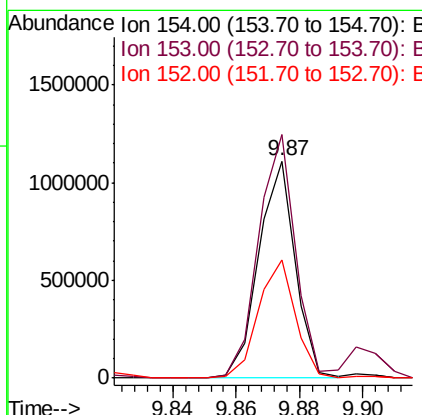
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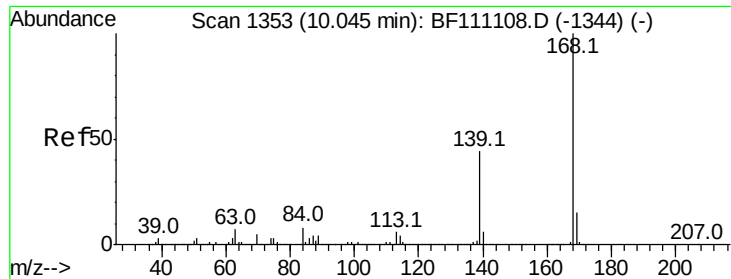
Sohil
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#52
Acenaphthene
Concen: 19.181 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	883911		
153	112.2		88.7	133.1
152	54.4		43.8	65.8





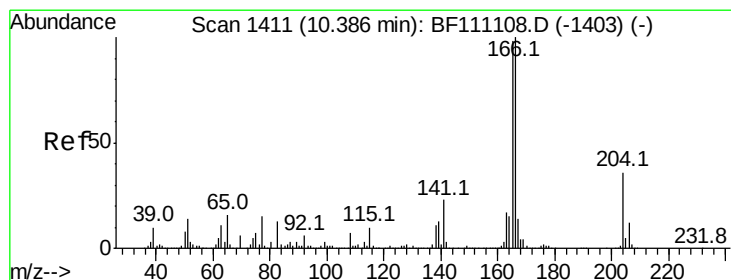
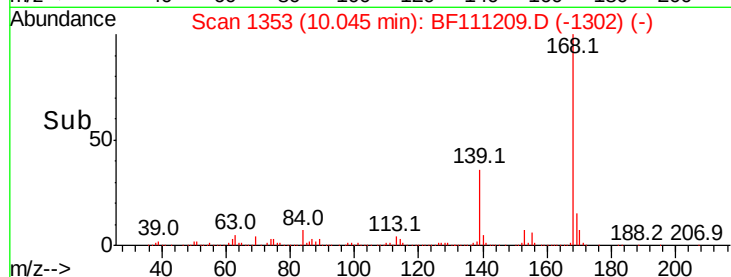
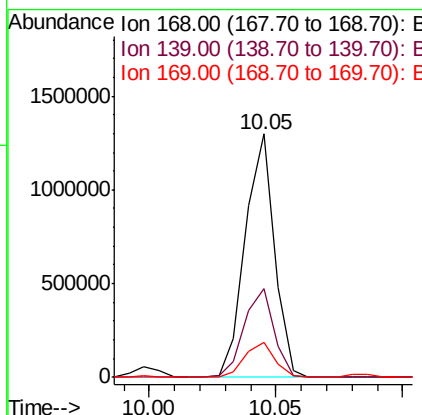
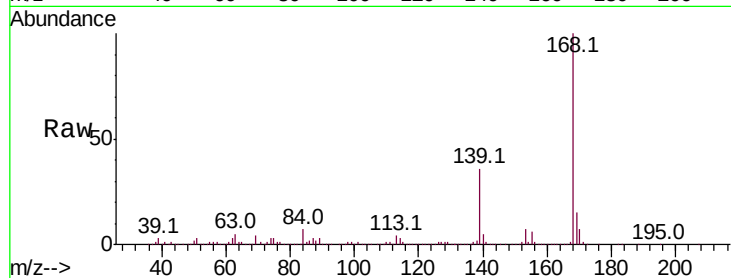
#55
Dibenzofuran
Concen: 16.366 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	35.1	52.7
169	14.6	12.2	18.4

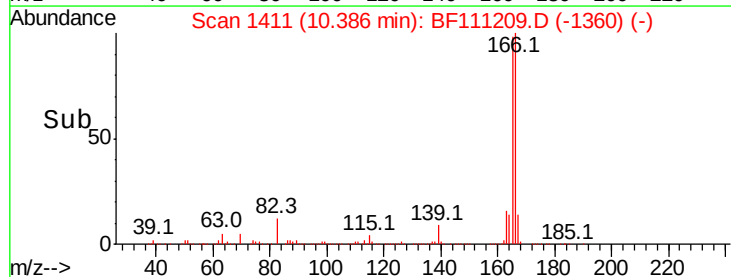
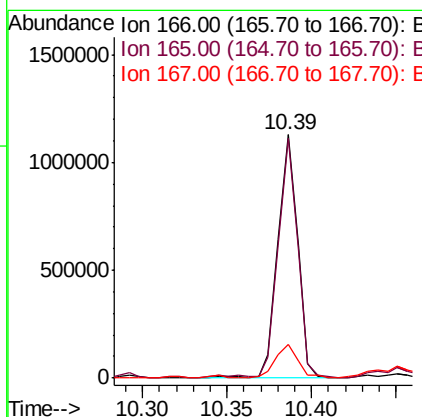
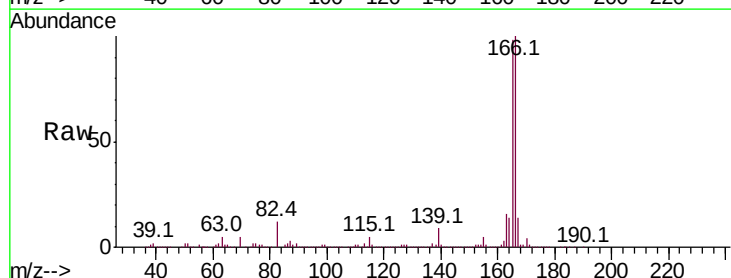
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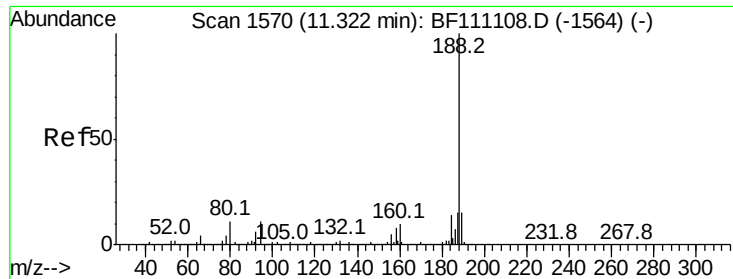
Sohil
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#58
Fluorene
Concen: 20.422 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.9	11.4	17.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

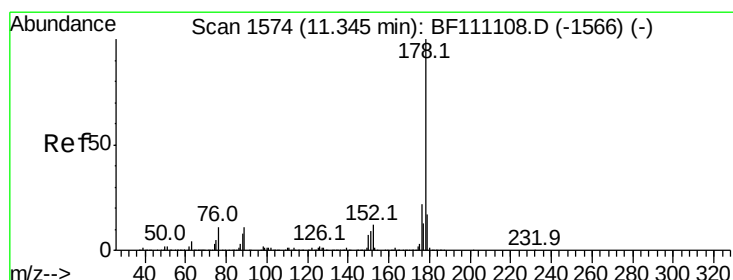
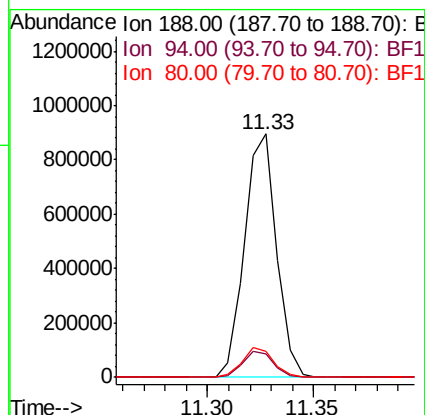
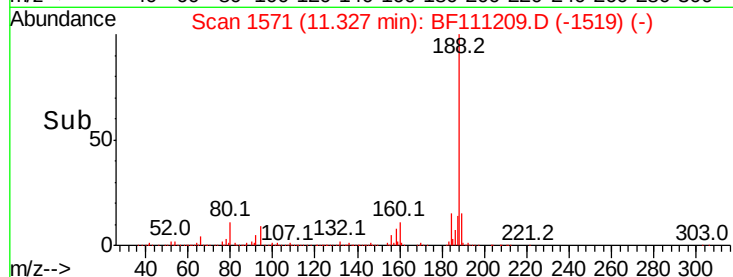
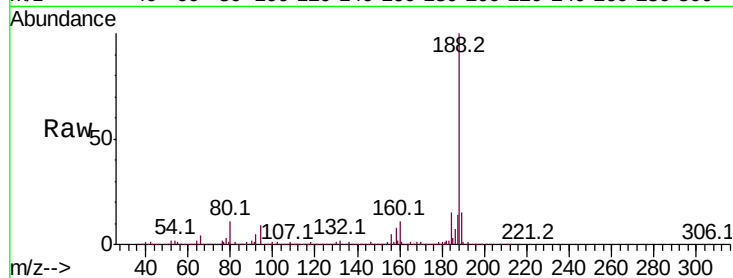
ClientSampleId :

SB-02-COMP

Tot Ion:188	Resp: 938872
Ion Ratio	Lower Upper
188 100	
94 9.4	8.5 12.7
80 10.5	9.0 13.6

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#71

Phenanthrene

Concen: 116.115 ng

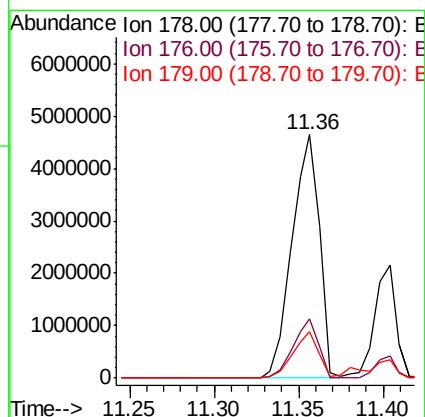
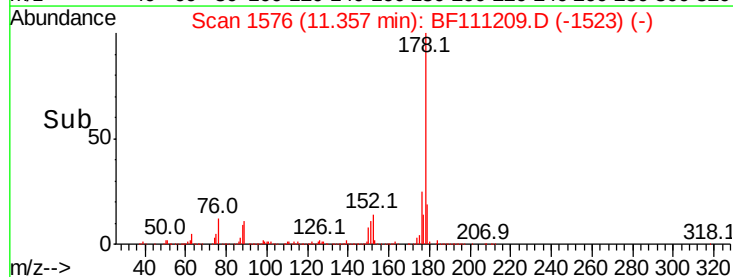
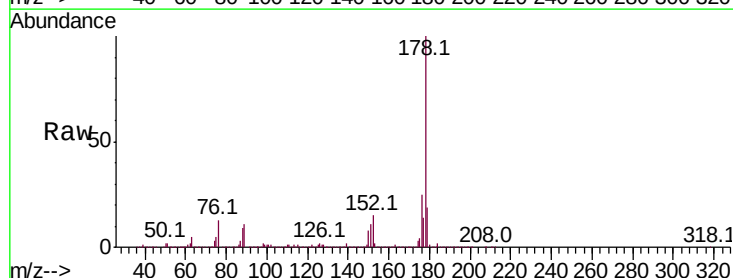
RT: 11.36 min Scan# 1576

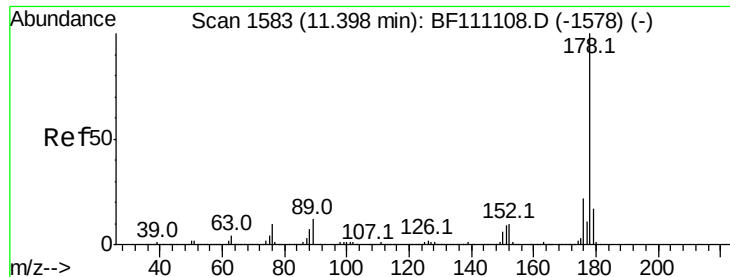
Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tgt Ion:178	Resp: 5243877
Ion Ratio	Lower Upper
178 100	
176 24.6	17.7 26.5
179 19.1	14.0 21.0





#72

Anthracene

Concen: 41.089 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tot Ion:178 Resp: 1870456

Ion Ratio Lower Upper

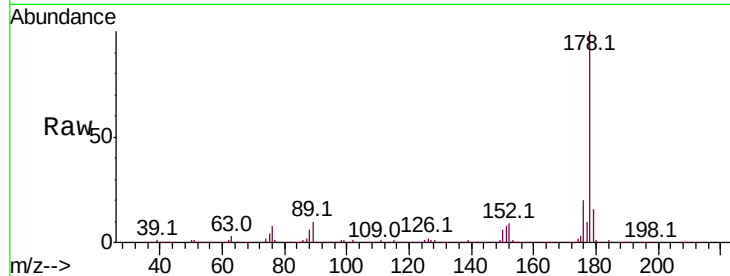
178 100

176 20.0 17.3 25.9

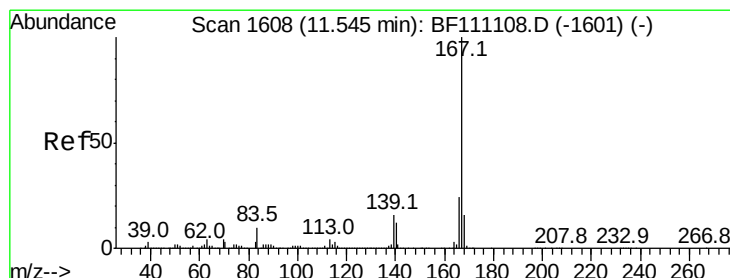
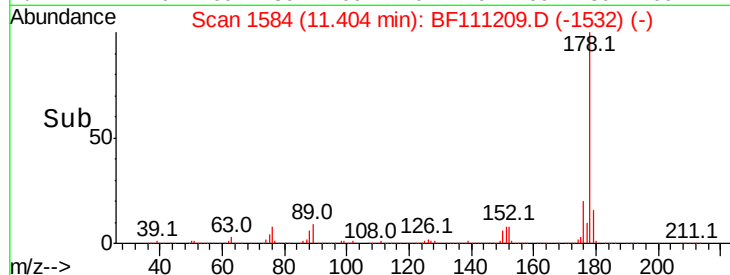
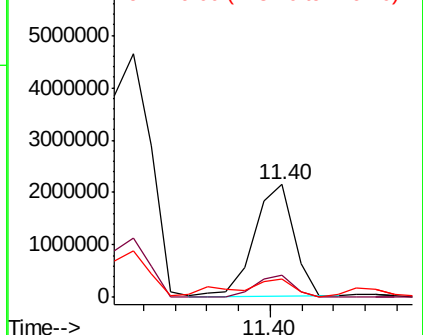
179 16.0 13.8 20.8

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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



#73

Carbazole

Concen: 17.928 ng

RT: 11.55 min Scan# 1609

Delta R.T. 0.01 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

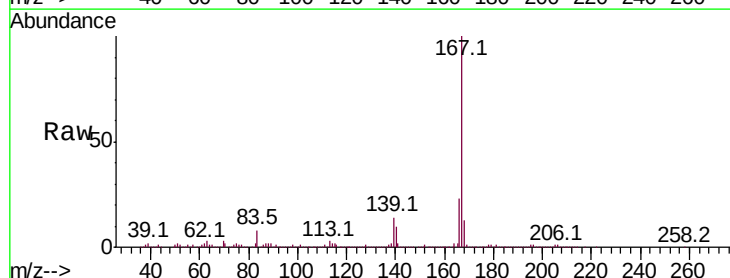
Tgt Ion:167 Resp: 849228

Ion Ratio Lower Upper

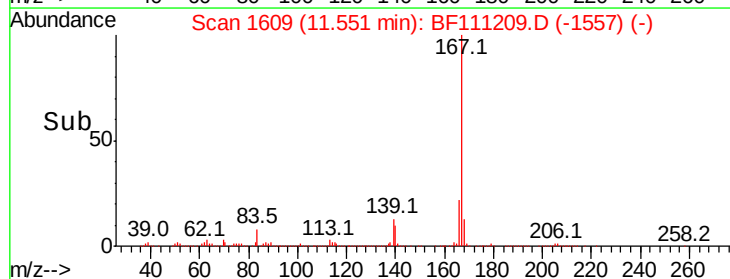
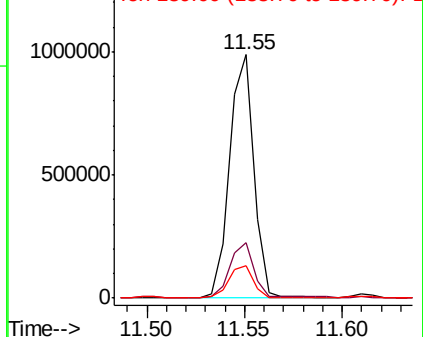
167 100

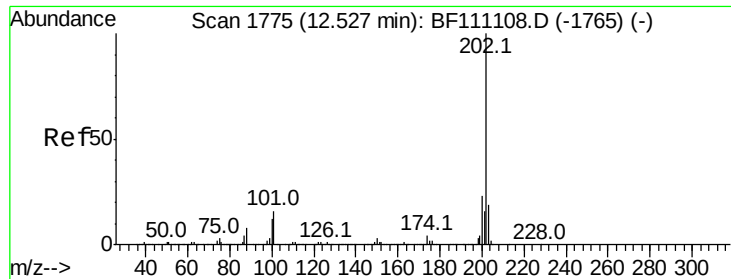
166 22.6 19.4 29.0

139 13.5 12.6 18.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 117.742 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

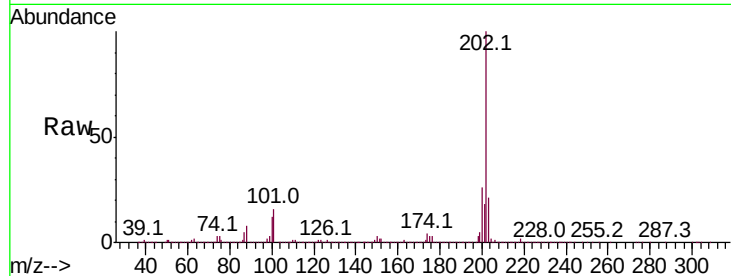
ClientSampleId :

SB-02-COMP

Tot Ion:	202	Resp:	5203218
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	35.8
203	21.4	0.0	38.6

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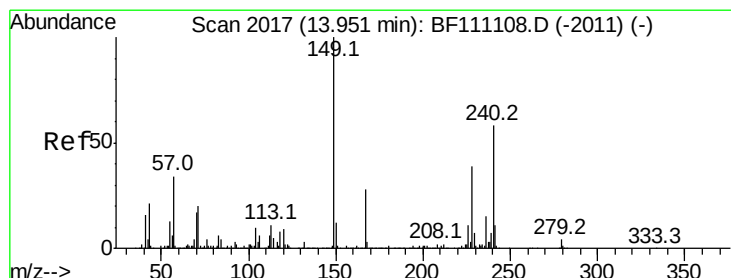
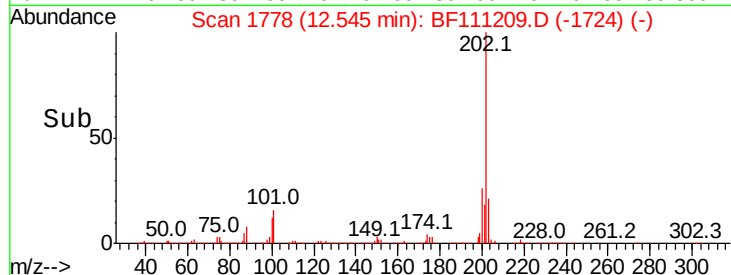
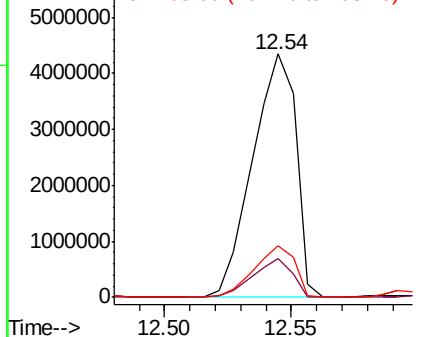


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

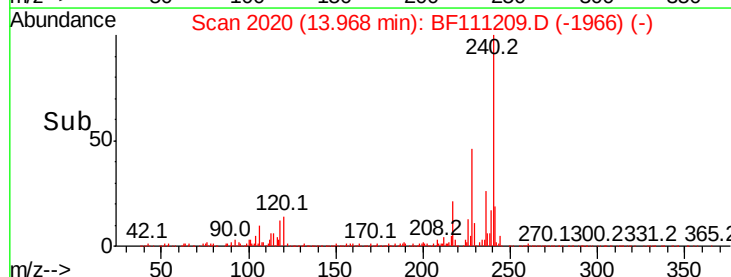
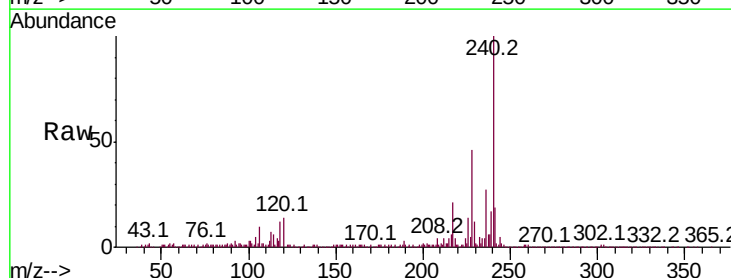
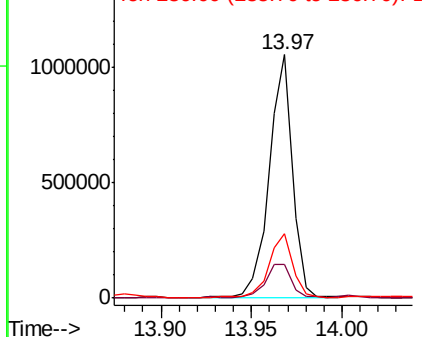
Tgt Ion:	240	Resp:	934041
Ion Ratio	Lower	Upper	
240	100		
120	13.8	12.8	19.2
236	26.6	21.1	31.7

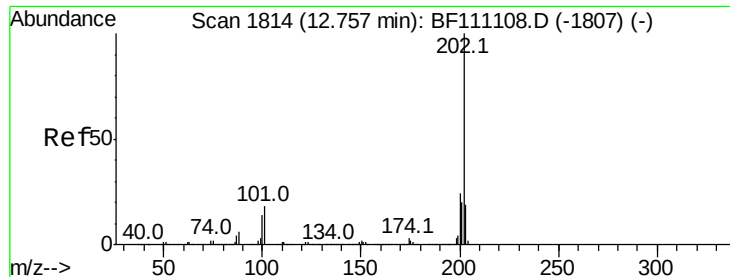
Abundance

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





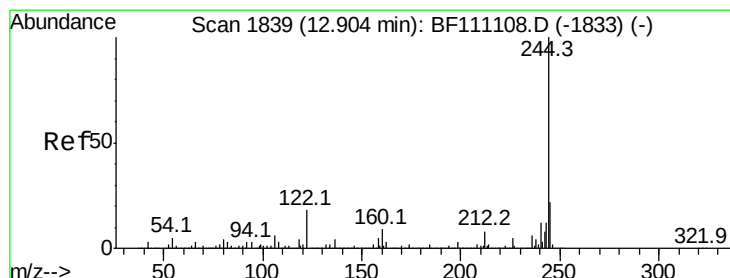
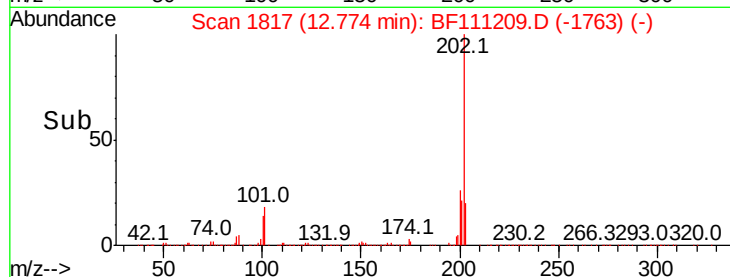
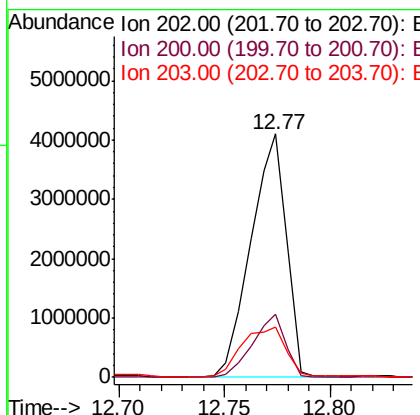
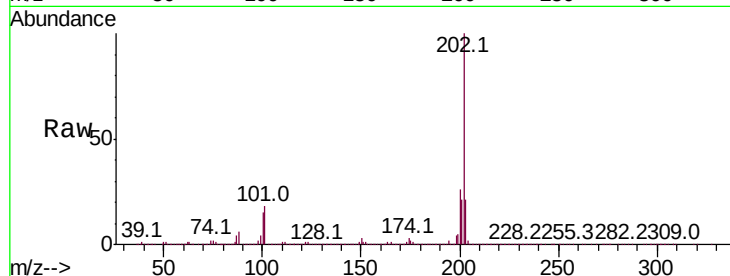
#78
Pvrene
Concen: 65.456 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	25.7	19.3	28.9
203	20.6	15.4	23.2

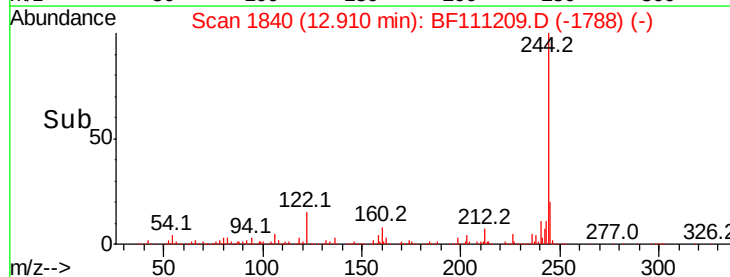
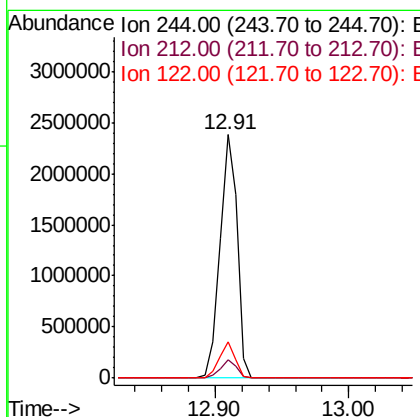
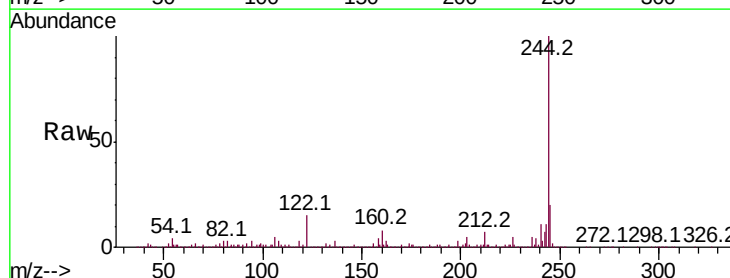
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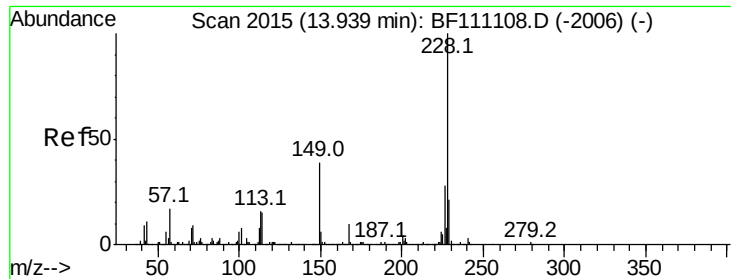
Sohil
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#79
Terphenyl-d14
Concen: 47.523 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	9.8
122	15.1	14.2	21.2





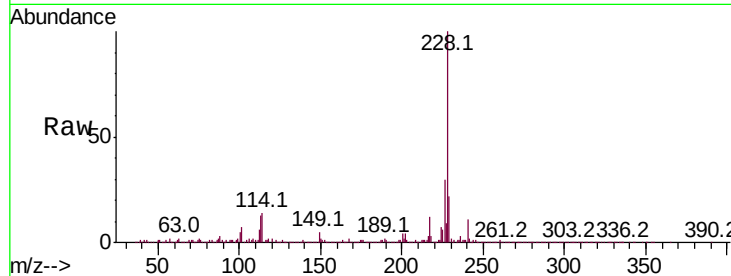
#81
Benzo(a)anthracene
Concen: 56.348 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

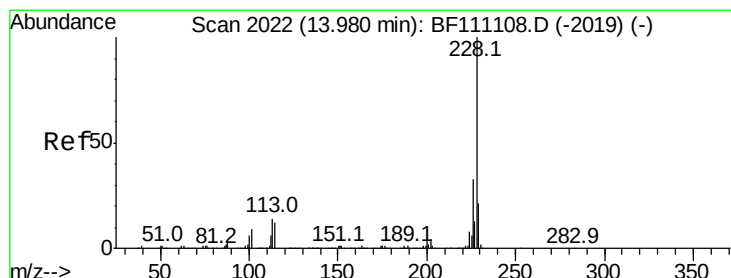
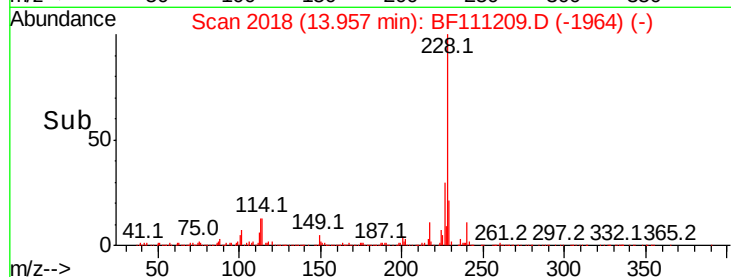
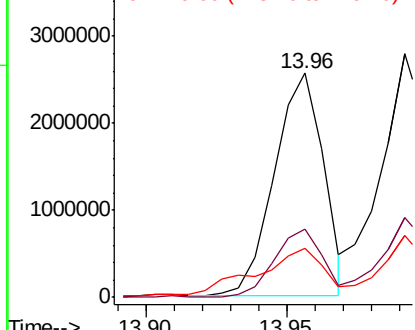
Tot Ion:228 Resp: 3083646
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 21.7 16.7 25.1

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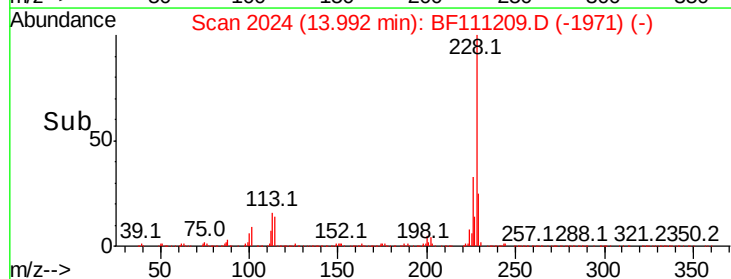
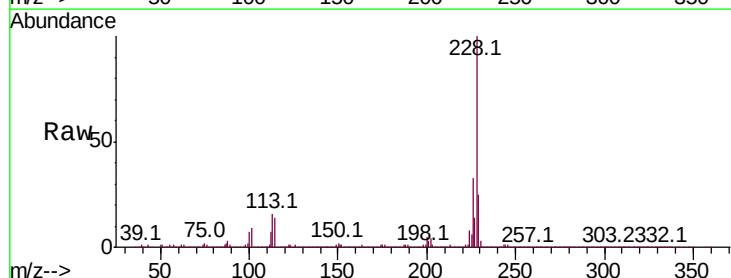
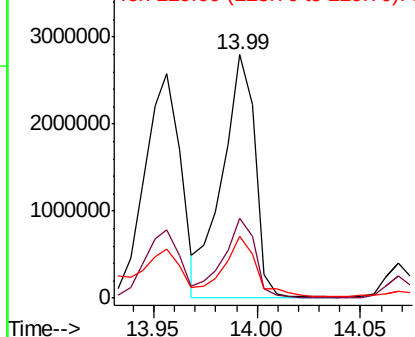
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

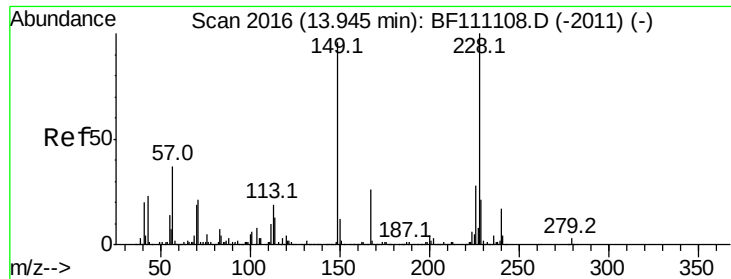


#83
Chrysene
Concen: 57.102 ng m
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion:228 Resp: 3102217
Ion Ratio Lower Upper
228 100
226 32.9 26.2 39.2
229 25.5 16.9 25.3#

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





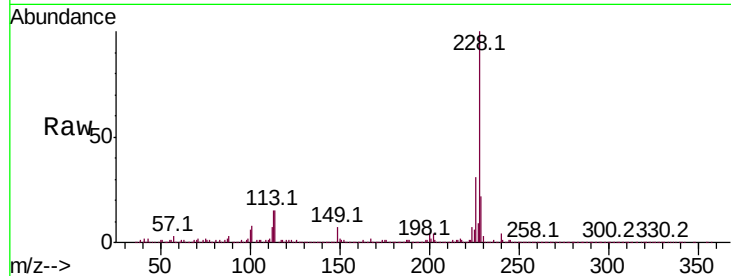
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.406 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.0	21.6	32.4	
279	2.9	2.3	3.5	

Manual Integrations
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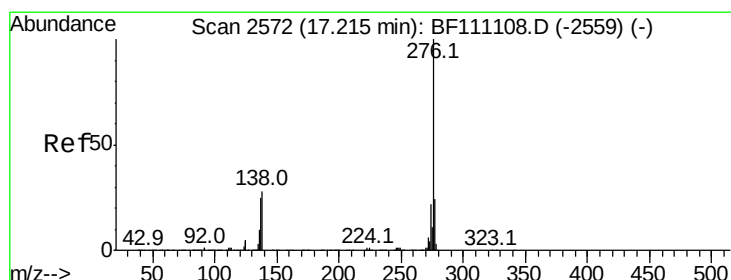
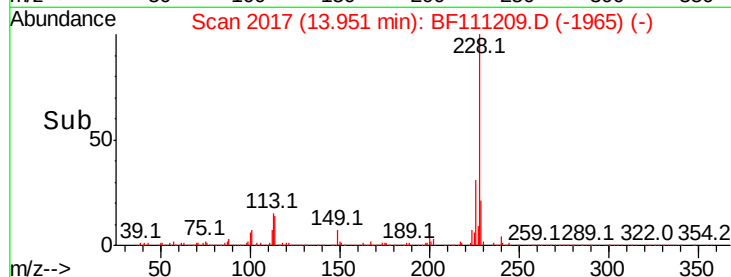
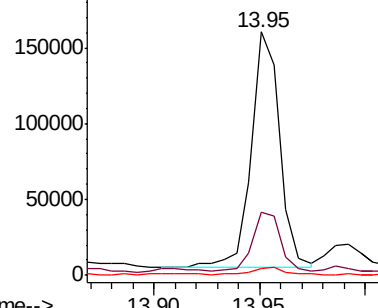


Abundance

Ion 149.00 (148.70 to 149.70): E

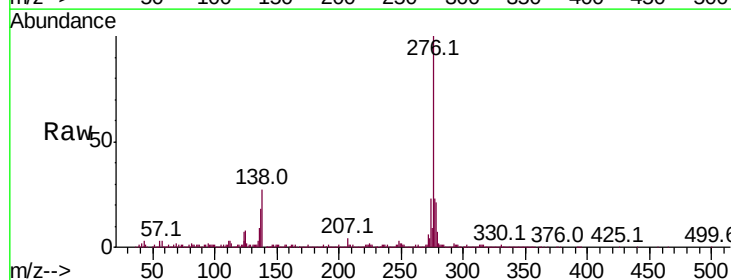
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 17.574 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. 0.03 min
 Lab File: BF111209.D
 Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	27.7	20.2	30.4	
277	24.0	15.8	23.6	

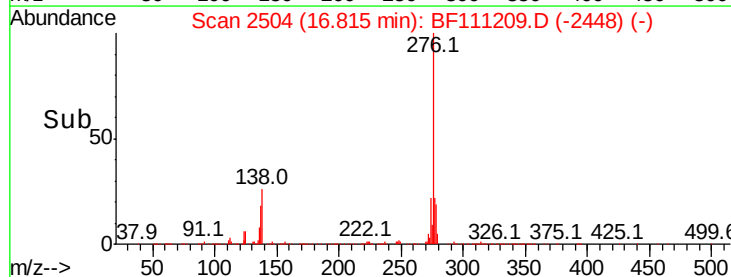
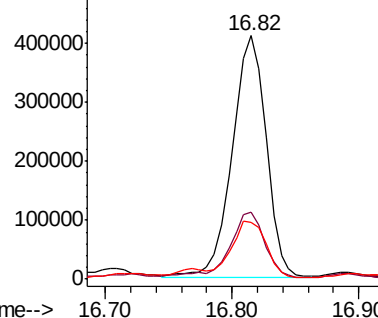


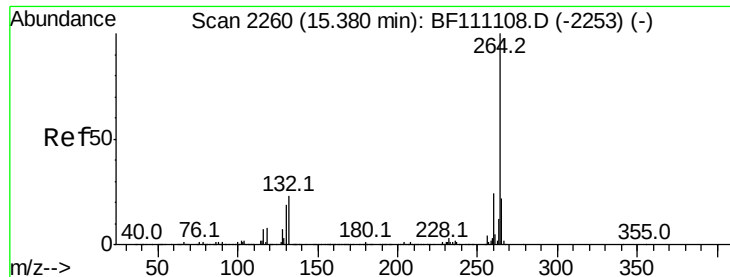
Abundance

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

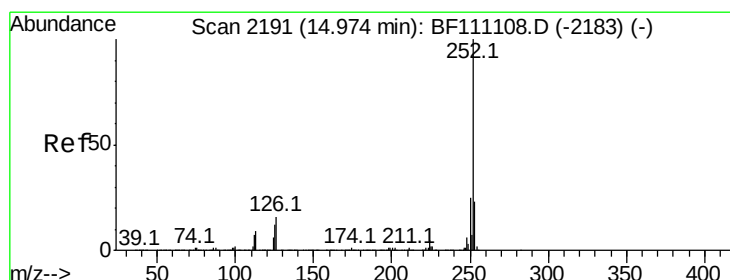
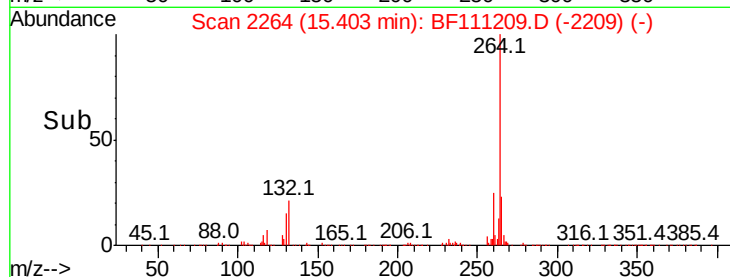
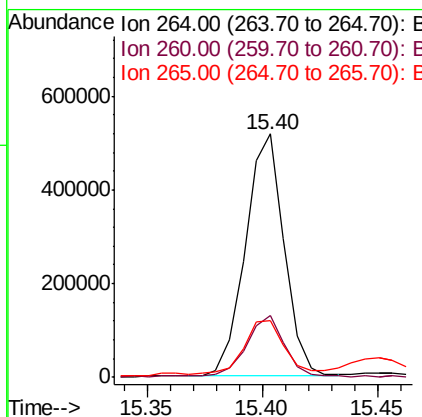
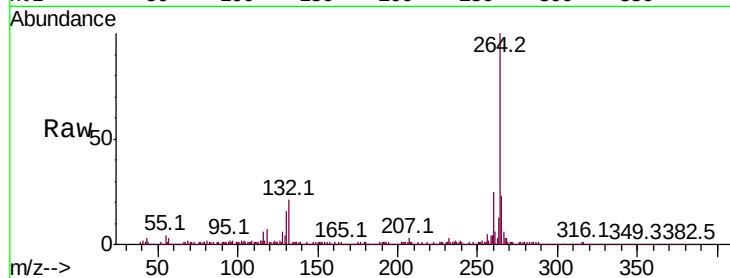
ClientSampleId :

SB-02-COMP

Tot Ion:	264	Resp:	601489
Ion Ratio	Lower	Upper	
264	100		
260	25.3	19.4	29.0
265	23.4	17.4	26.0

Manual Integrations
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12/11/2018 8:44:54 AM



#88

Benzo(b)fluoranthene

Concen: 74.218 ng m

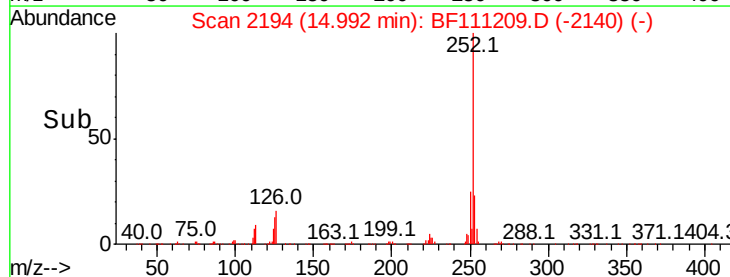
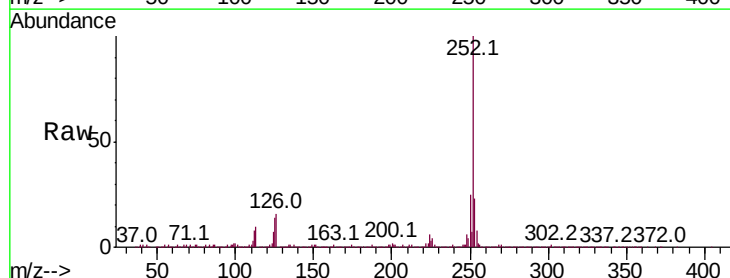
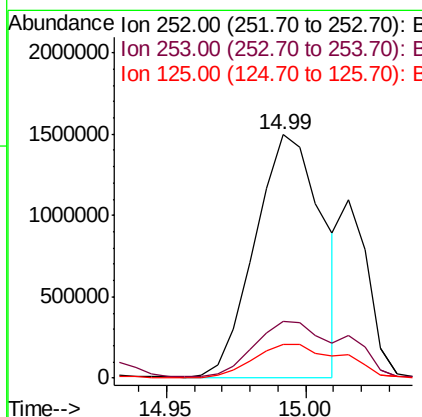
RT: 14.99 min Scan# 2194

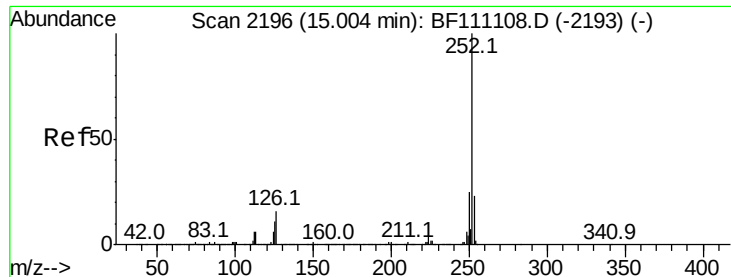
Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tgt Ion:	252	Resp:	2529567
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.5	27.7
125	13.7	9.9	14.9





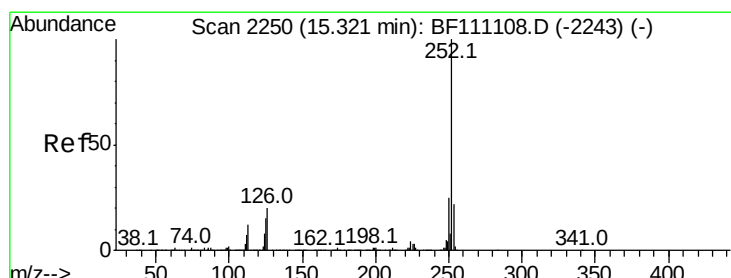
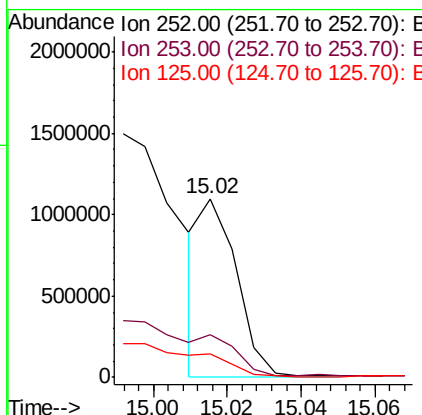
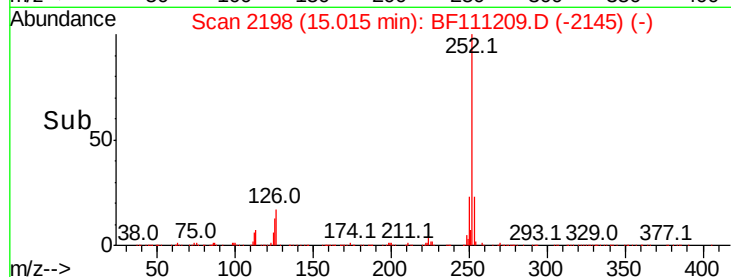
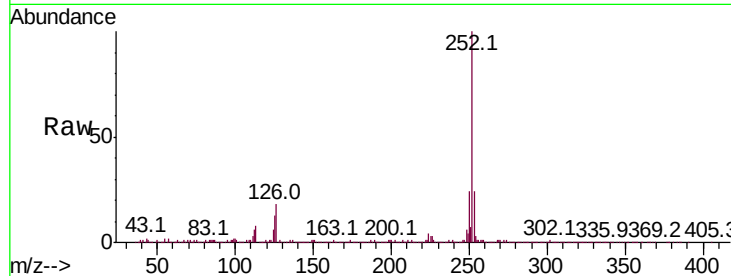
#89
Benzo(k)fluoranthene
Concen: 22.827 ng m
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.1	9.9	14.9

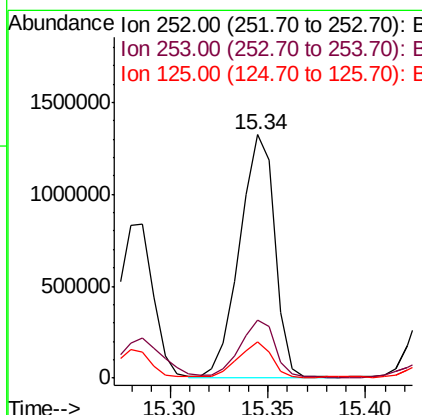
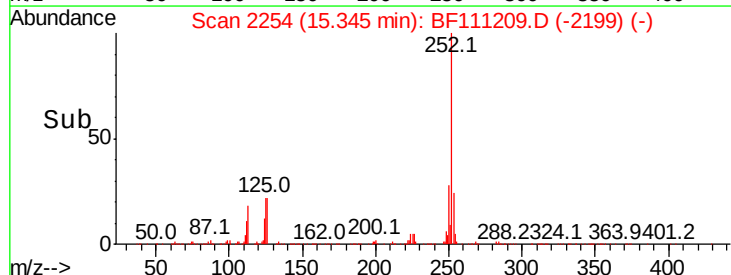
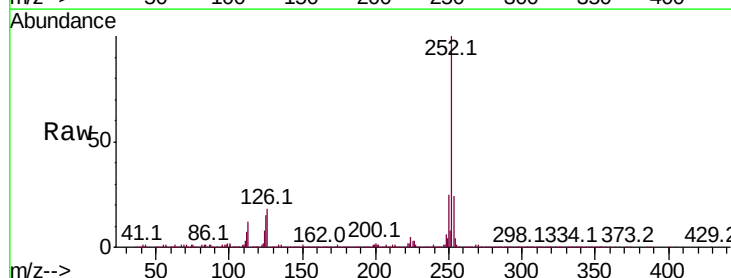
Manual Integrations
APPROVED

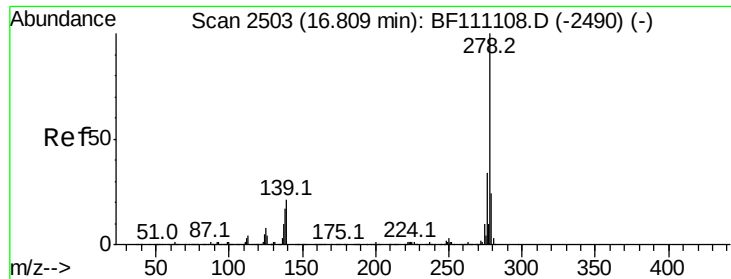
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#90
Benzo(a)pyrene
Concen: 52.768 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.02 min
Lab File: BF111209.D
Acq: 8 Dec 2018 2:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	14.7	12.4	18.6





#91

Dibenzo(a,h)anthracene

Concen: 7.740 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Instrument :

BNA_F

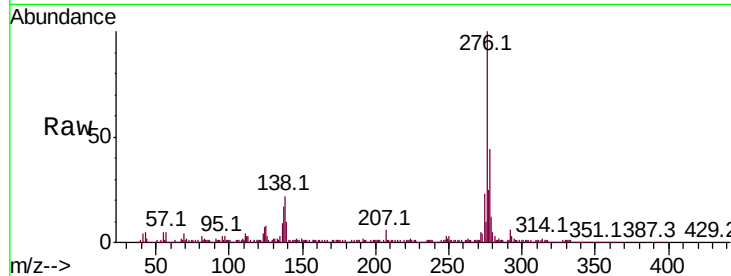
ClientSampleId :

SB-02-COMP

Tot Ion:	278	Resp:	203056
Ion Ratio	Lower	Upper	
278	100		
139	23.5	16.6	25.0
279	27.6	18.8	28.2

Manual Integrations
APPROVED

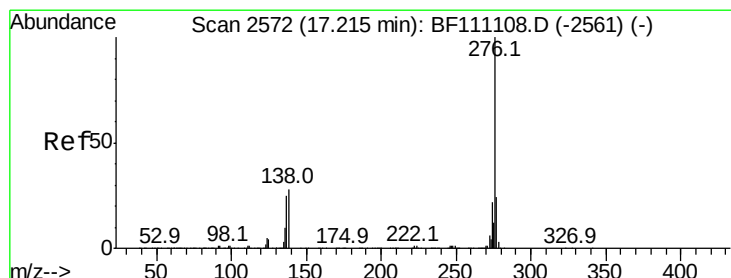
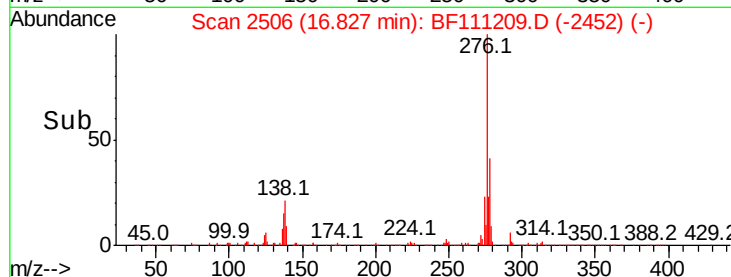
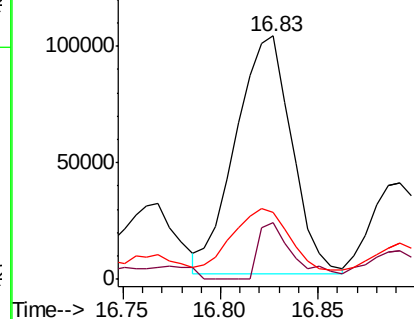
Sohil
12/11/2018 8:44:54 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 26.222 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.02 min

Lab File: BF111209.D

Acq: 8 Dec 2018 2:02

Tgt Ion:	276	Resp:	691296
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.3	28.9
138	26.5	22.3	33.5

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

