

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111210.D
 Acq On : 8 Dec 2018 2:29
 Operator : JU/SJ
 Sample : J6260-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Manual Integrations
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Sohil
 12/11/2018 8:44:55 AM

Quant Time: Dec 08 03:40:06 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	417299	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1462661	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	517325	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	916106	20.00	ng	0.00
76) Chrysene-d12	13.96	240	672280	20.00	ng	0.00
87) Perylene-d12	15.40	264	505980	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	2327301	87.03	ng	0.00
7) Phenol-d6	6.43	99	3006627	87.28	ng	0.00
23) Nitrobenzene-d5	7.36	82	1951990	79.01	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	420883	102.35	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2761280	101.61	ng	0.00
79) Terphenyl-d14	12.91	244	1595115	48.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	190905	5.082	ng	96
50) Dimethylphthalate	9.55	163	171009	4.750	ng	98
52) Acenaphthene	9.87	154	82436	2.713	ng	96
58) Fluorene	10.39	166	90010	3.050	ng	99
71) Phenanthrene	11.34	178	1454032	32.997	ng	96
72) Anthracene	11.40	178	341925	7.698	ng	94
73) Carbazole	11.54	167	157535	3.408	ng	94
75) Fluoranthene	12.53	202	2178008	50.510	ng	99
78) Pyrene	12.76	202	1815545	34.664	ng	97
81) Benzo(a)anthracene	13.95	228	965564	24.514	ng	99
83) Chrysene	13.99	228	947578	24.233	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	174055	5.695	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	314283	10.010	ng	# 93
88) Benzo(b)fluoranthene	14.98	252	906823m	31.629	ng	
89) Benzo(k)fluoranthene	15.01	252	326792m	11.790	ng	
90) Benzo(a)pyrene	15.33	252	613766	23.339	ng	98
91) Dibenzo(a,h)anthracene	16.81	278	80569m	3.651	ng	
92) Benzo(g,h,i)perylene	17.23	276	256297	11.557	ng	99

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

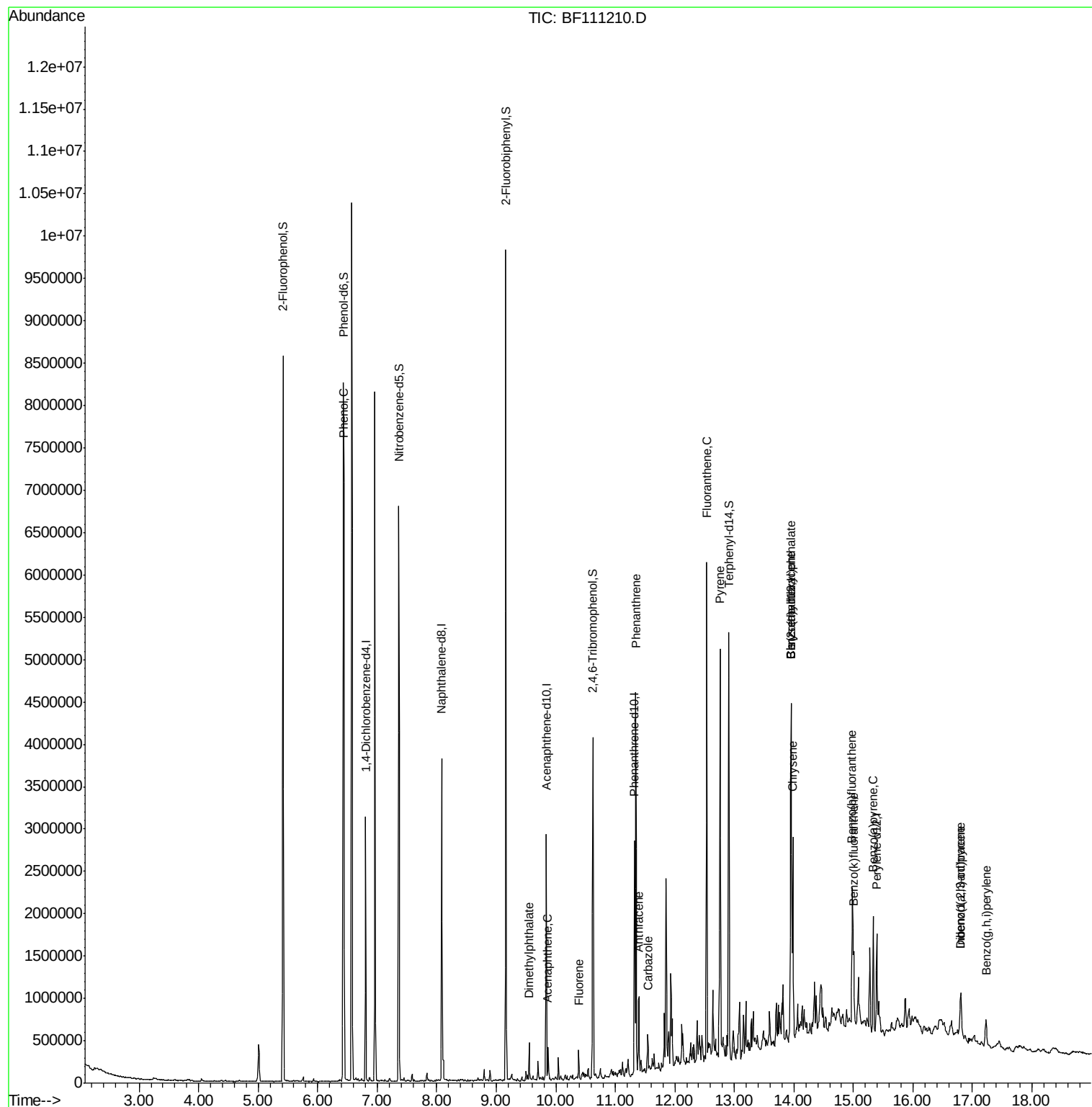
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111210.D
Acq On : 8 Dec 2018 2:29
Operator : JU/SJ
Sample : J6260-09
Misc :
ALS Vial : 32 Sample Multiplier: 1

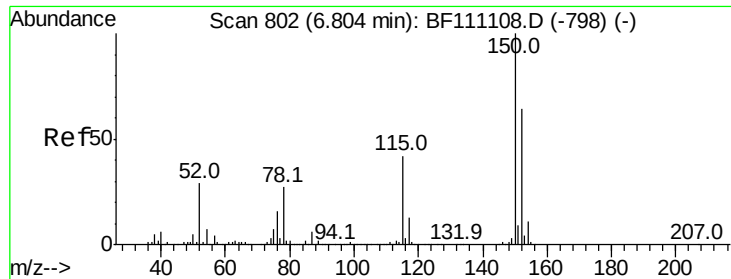
Instrument :
BNA_F
ClientSampleId :
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12/11/2018 8:44:55 AM

Quant Time: Dec 08 03:40:06 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





#1

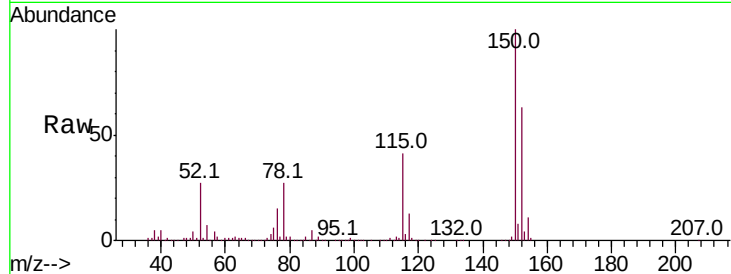
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	187.0
115	65.8	52.2	78.2

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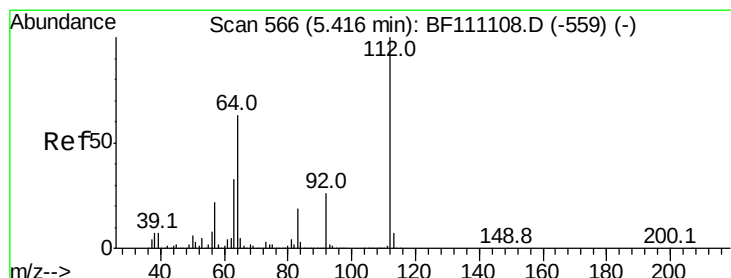
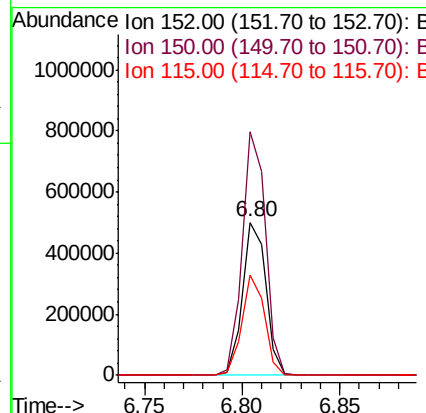
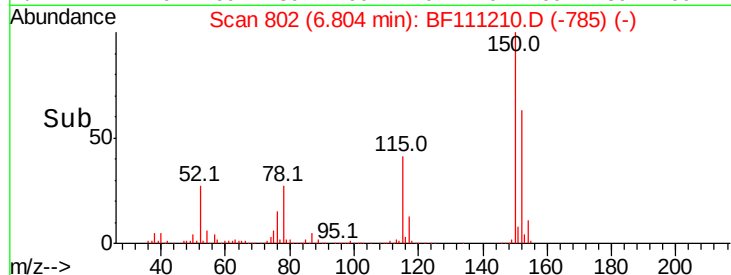


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

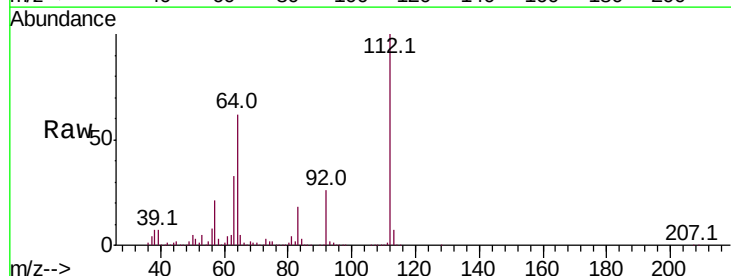
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.028 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	50.2	75.4
63	32.6	26.6	39.8

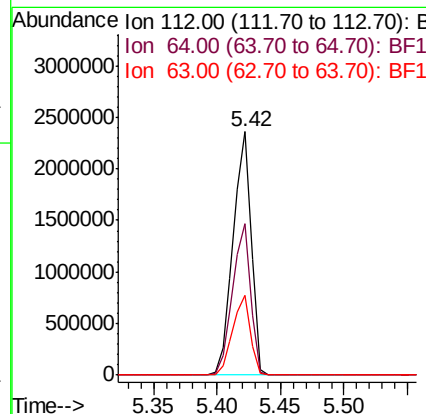
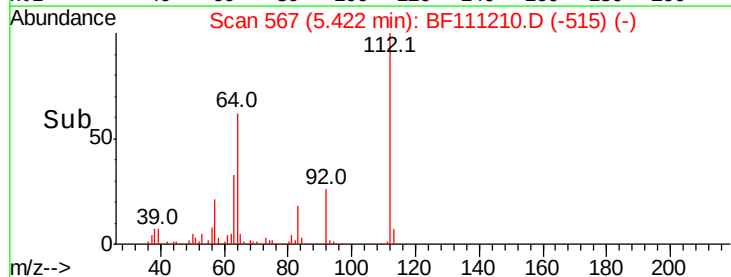


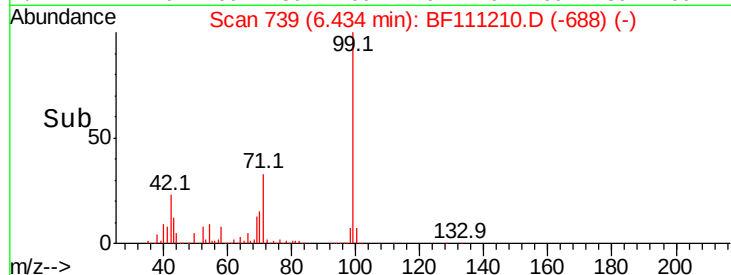
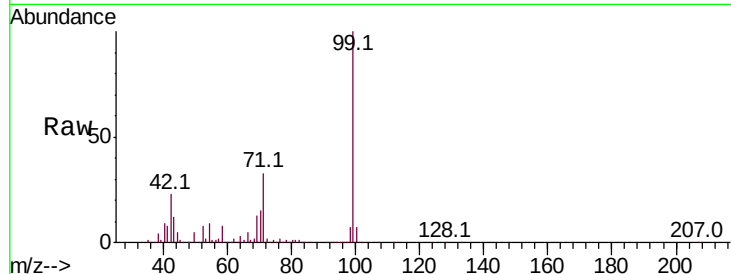
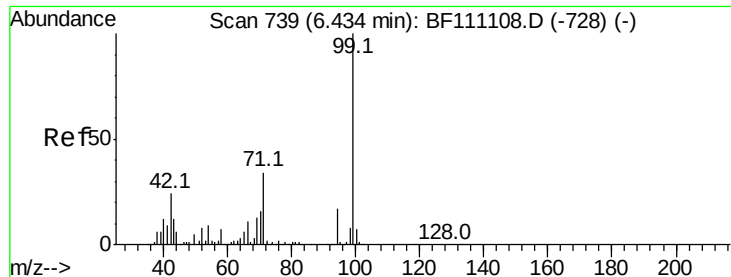
Abundance

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: 87.279 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Tot Ion: 99 Resp: 3006627

Ion	Ratio	Lower	Upper
99	100		
42	22.7	19.3	28.9
71	33.3	27.4	41.2

99 100

42 22.7 19.3 28.9

71 33.3 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

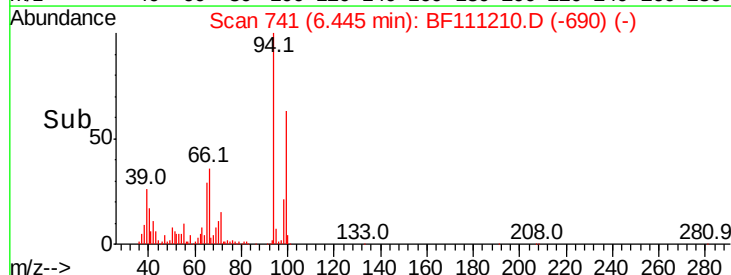
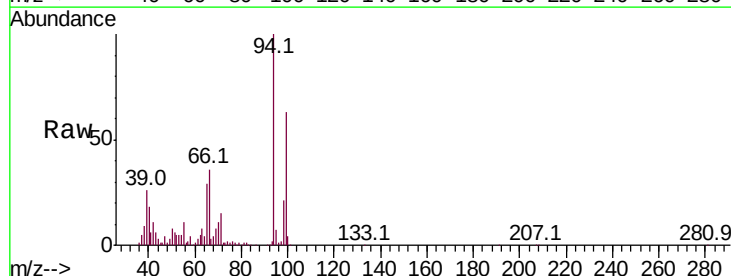
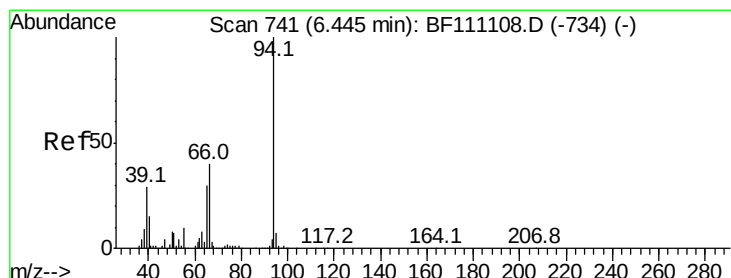
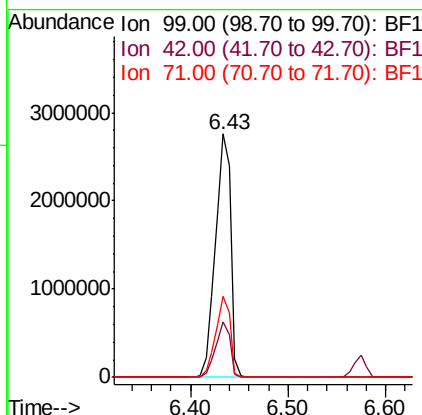
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#10

Phenol

Concen: 5.082 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

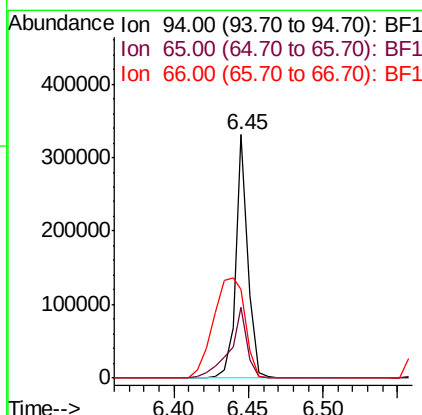
Tgt Ion: 94 Resp: 190905

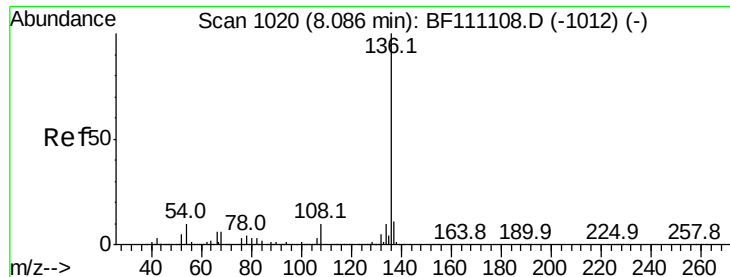
Ion	Ratio	Lower	Upper
94	100		
65	29.3	10.5	50.5
66	36.4	19.8	59.8

94 100

65 29.3 10.5 50.5

66 36.4 19.8 59.8





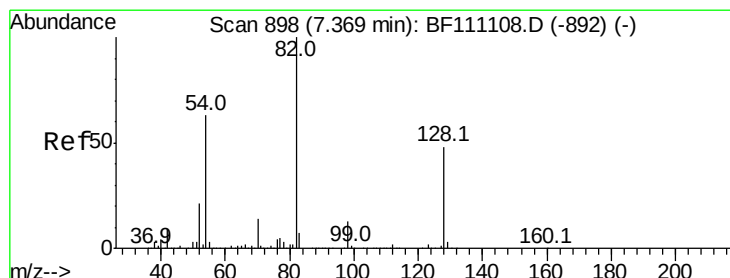
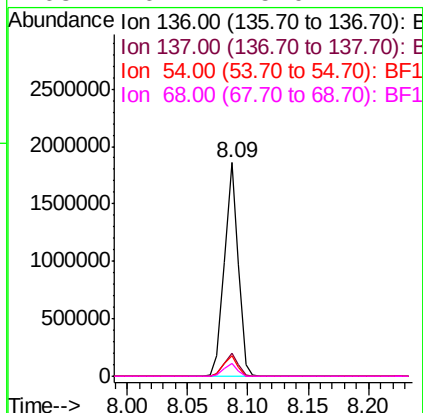
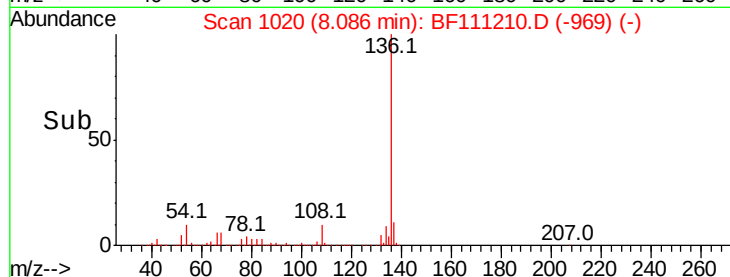
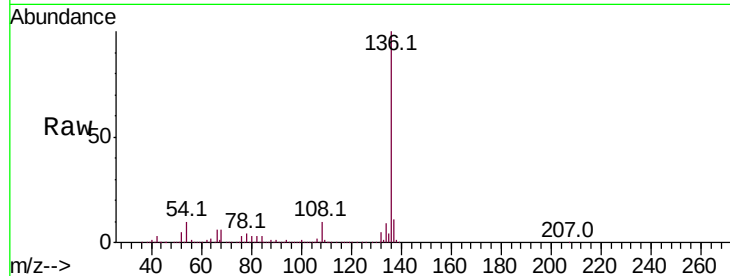
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	136	137	54	68
Ratio	100	11.0	9.8	6.1
Lower		9.0	8.4	5.0
Upper		13.6	12.6	7.4

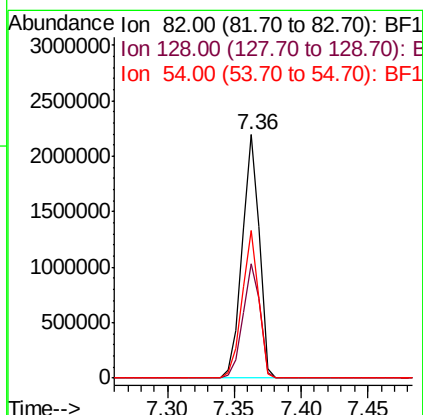
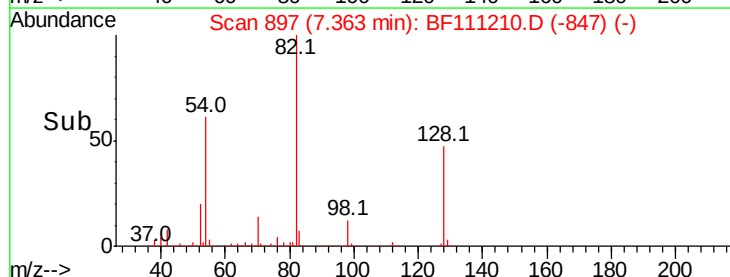
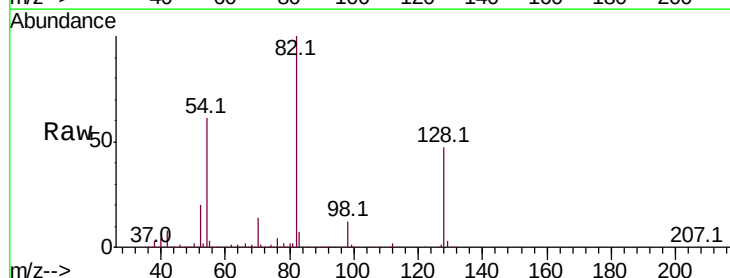
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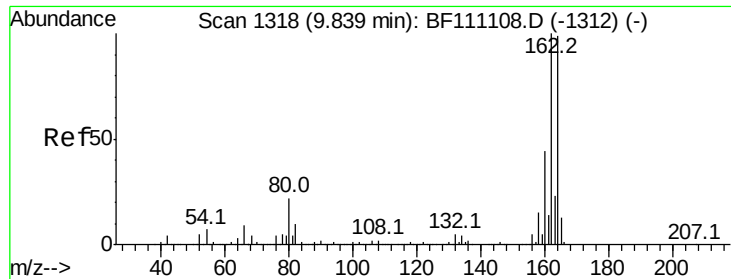
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#23
Nitrobenzene-d5
Concen: 79.010 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	82	128	54
Ratio	100	47.1	60.7
Lower		38.1	50.3
Upper		57.1	75.5





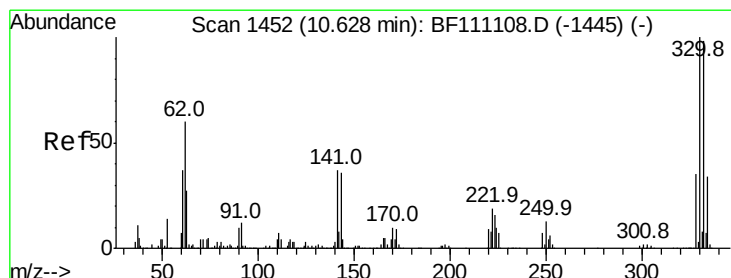
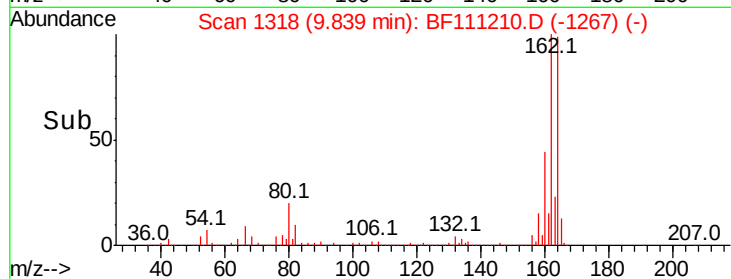
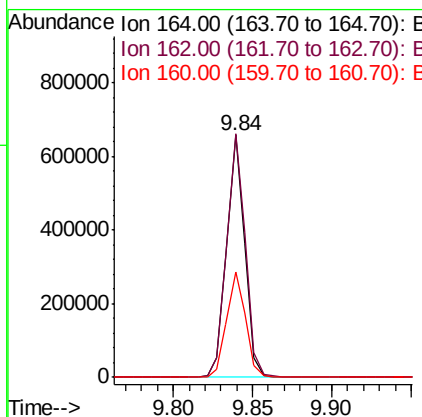
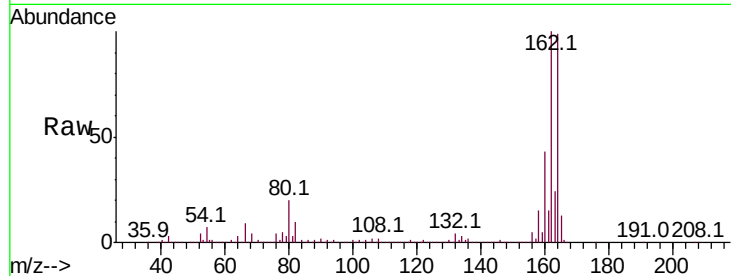
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF111210.D
 Acq: 8 Dec 2018 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.6	80.6	120.8	
160	43.7	35.5	53.3	

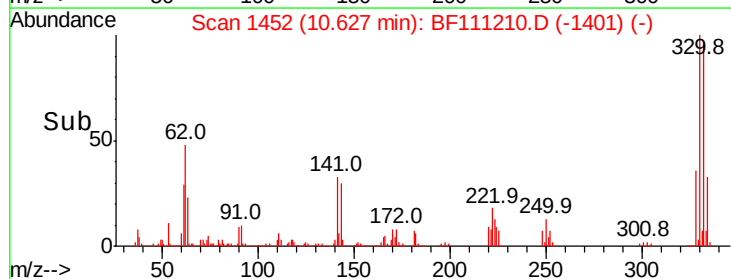
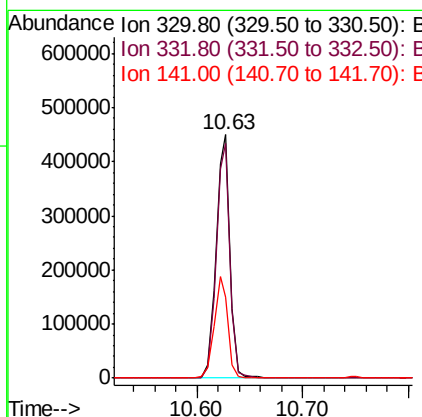
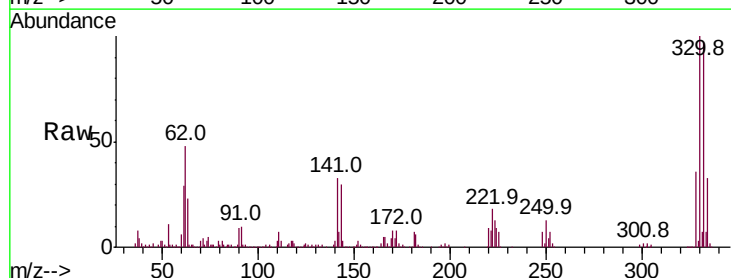
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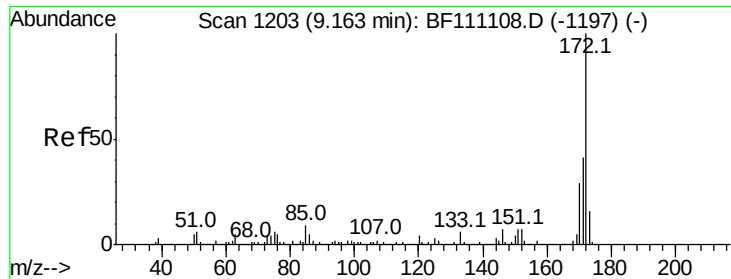
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#42
 2,4,6-Tribromophenol
 Concen: 102.351 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF111210.D
 Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.2	115.8	
141	41.1	36.1	54.1	





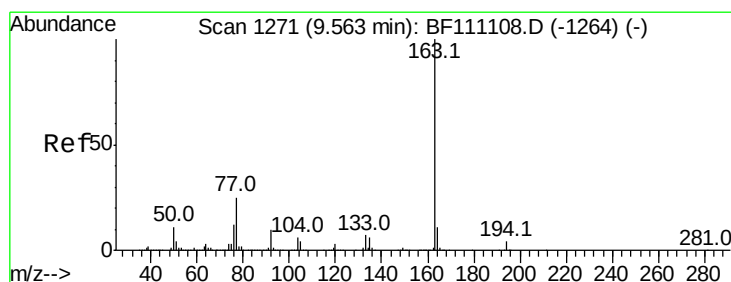
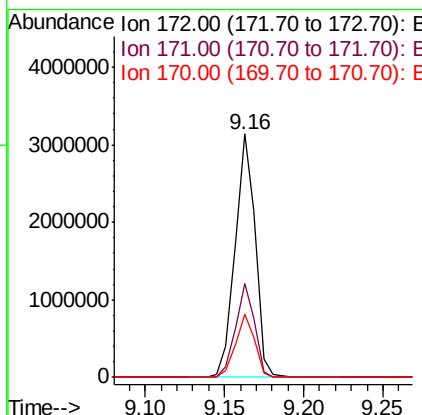
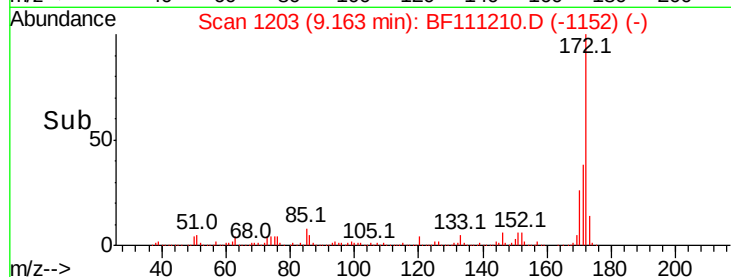
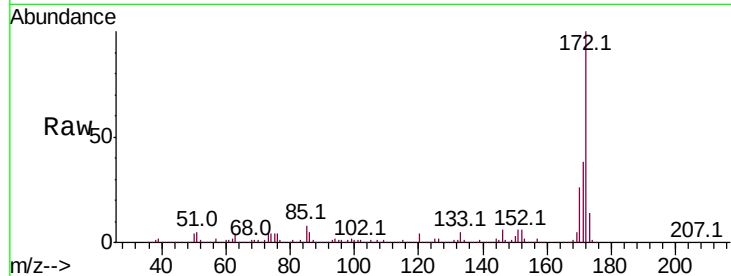
#45
2-Fluorobiphenyl
Concen: 101.612 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	33.2	49.8
170	26.0	22.9	34.3

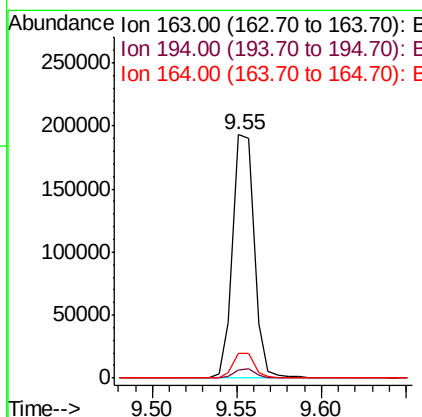
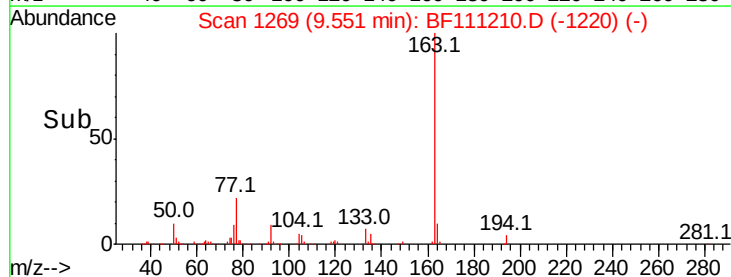
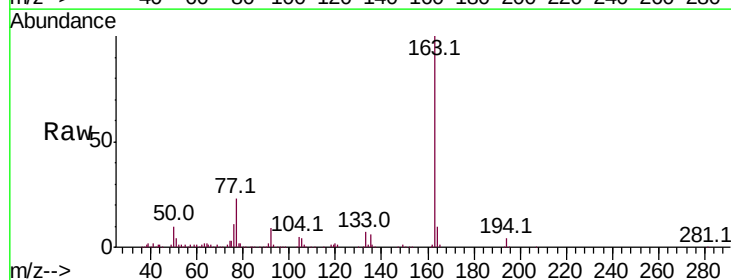
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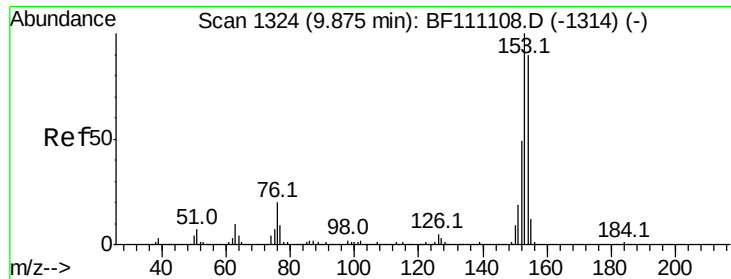
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#50
Dimethylphthalate
Concen: 4.750 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.9	8.9	13.3





#52

Acenaphthene

Concen: 2.713 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Instrument :

BNA_F

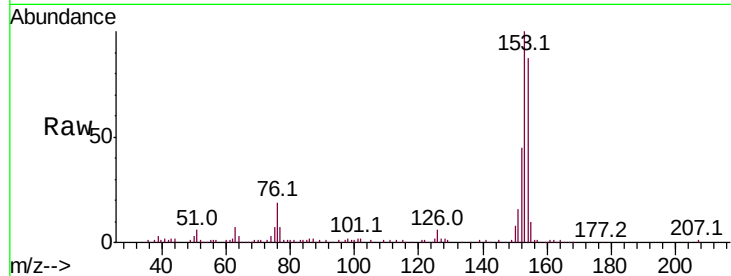
ClientSampleId :

SB-03-COMP

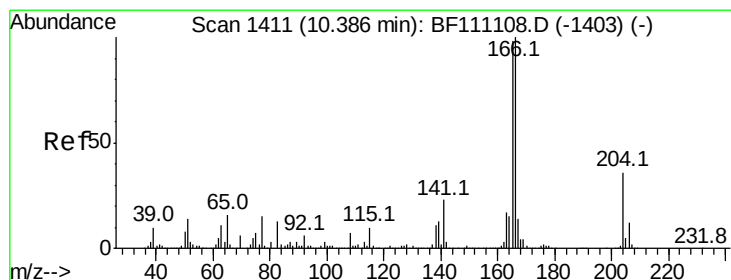
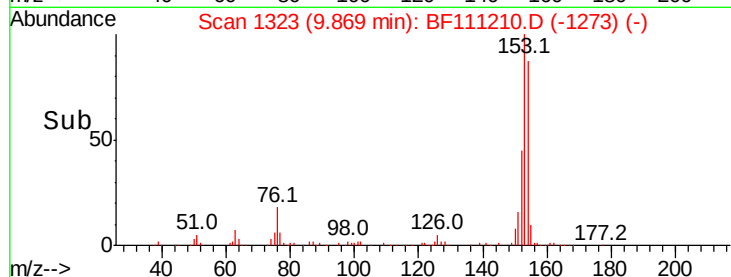
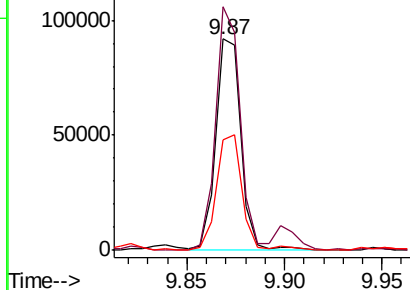
Tot Ion:	154	Resp:	82436
Ion Ratio	Lower	Upper	
154	100		
153	115.2	88.7	133.1
152	52.3	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 3.050 ng

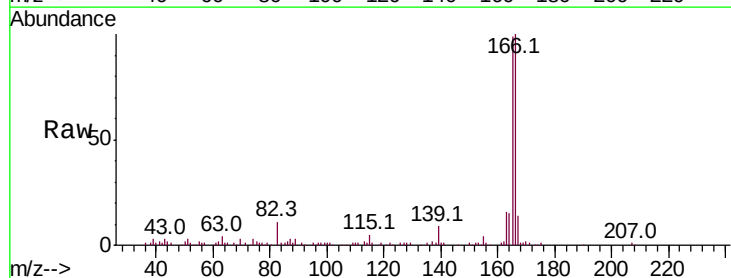
RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

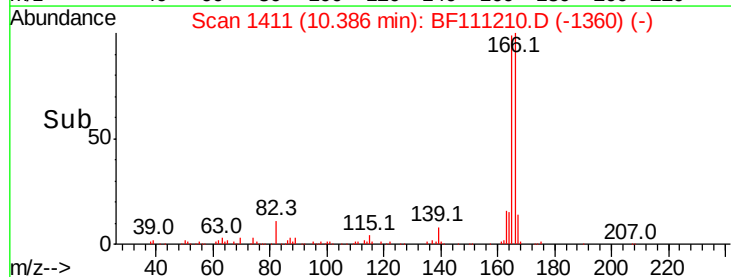
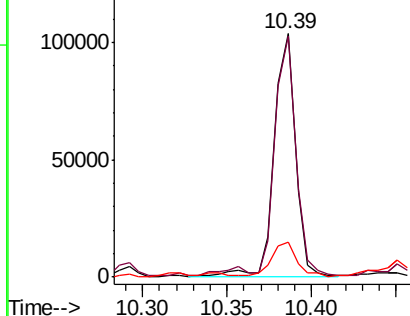
Lab File: BF111210.D

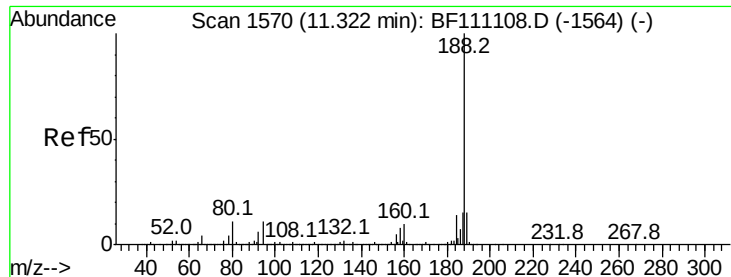
Acq: 8 Dec 2018 2:29

Tgt Ion:	166	Resp:	90010
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.4	117.6
167	14.4	11.4	17.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Instrument :

BNA_F

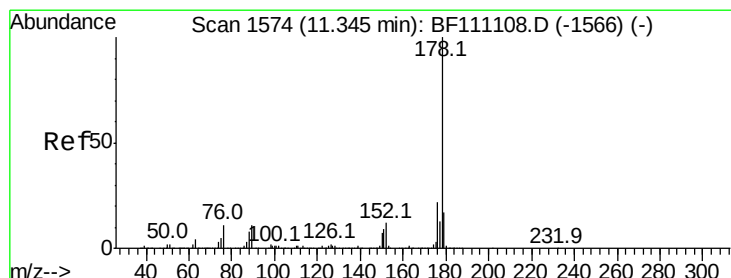
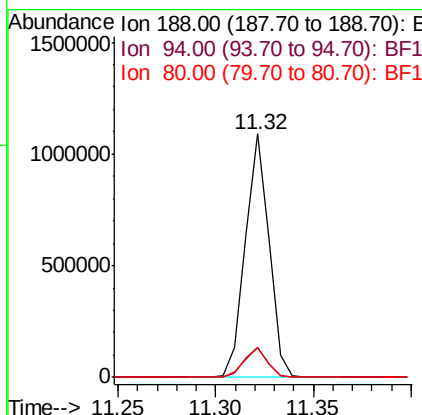
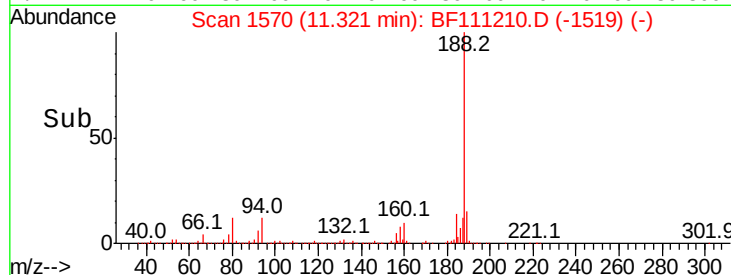
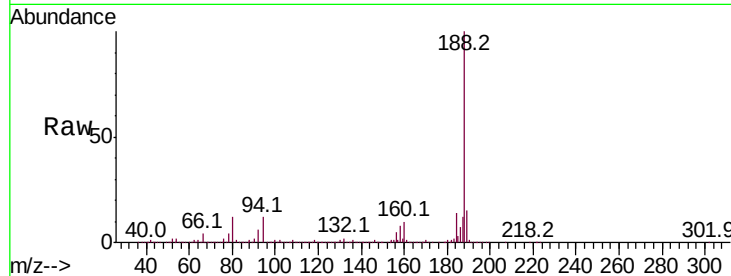
ClientSampleId :

SB-03-COMP

Tot Ion:	188	Resp:	916106
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	12.2	9.0	13.6

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#71

Phenanthrene

Concen: 32.997 ng

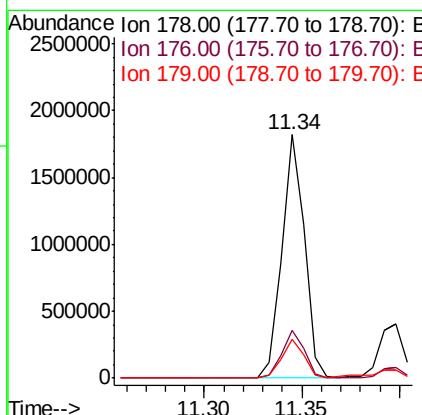
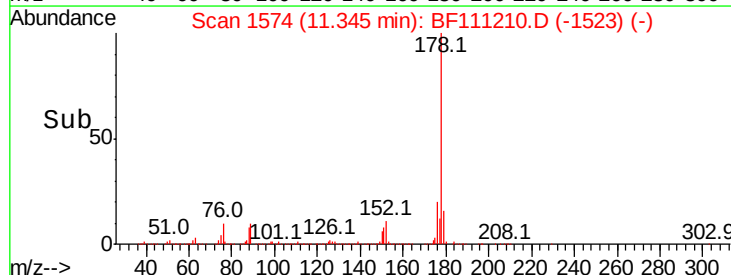
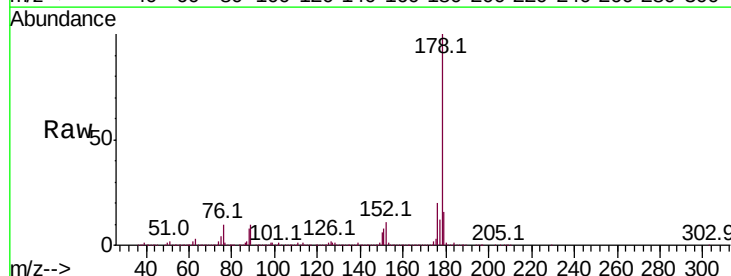
RT: 11.34 min Scan# 1574

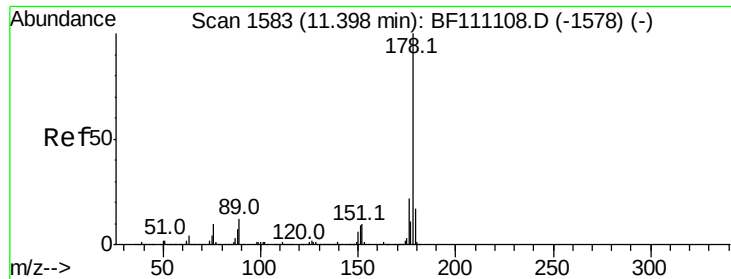
Delta R.T. -0.00 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Tgt Ion:	178	Resp:	1454032
Ion Ratio	Lower	Upper	
178	100		
176	19.8	17.7	26.5
179	15.7	14.0	21.0





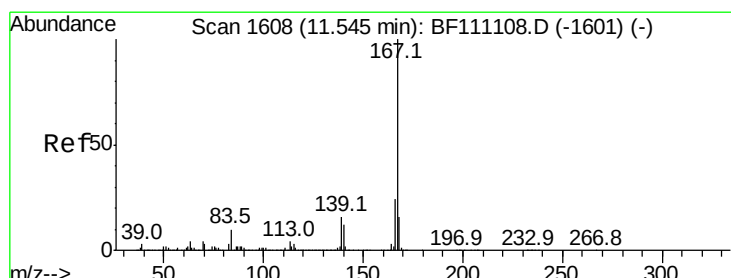
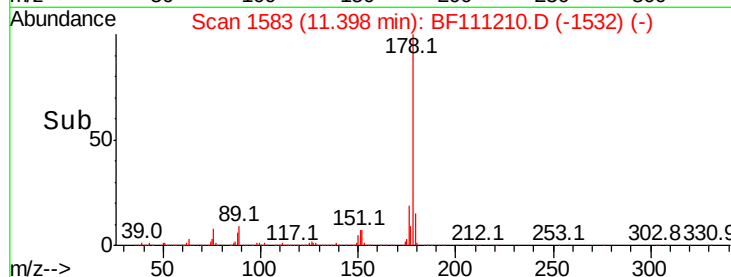
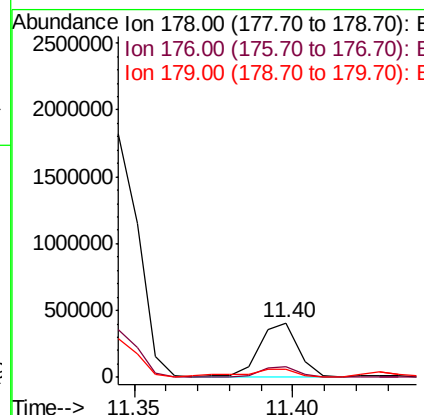
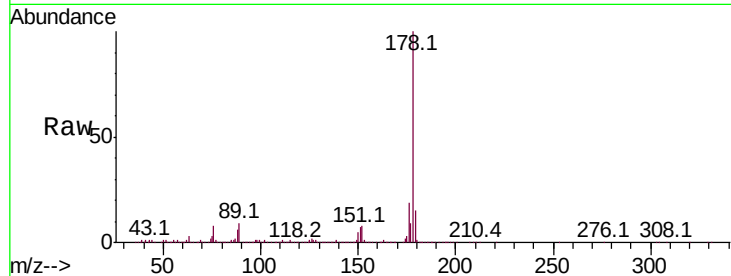
#72
 Anthracene
 Concen: 7.698 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF111210.D
 Acq: 8 Dec 2018 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.3	25.9
179	14.7	13.8	20.8

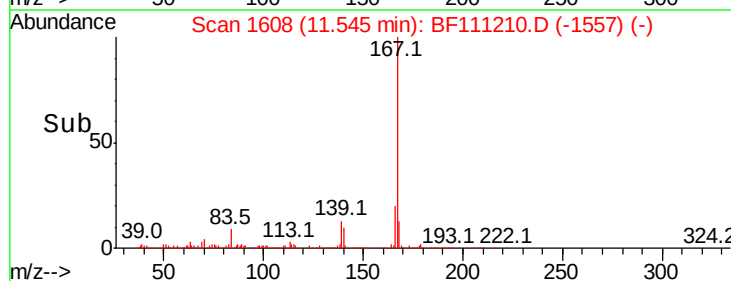
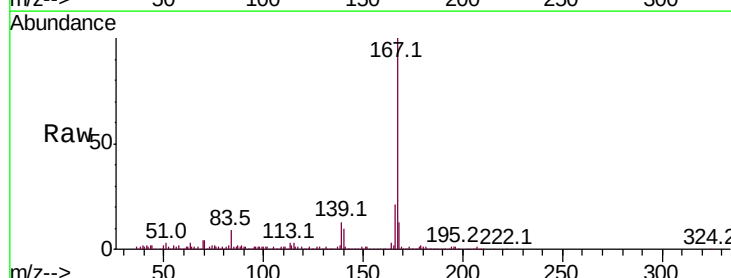
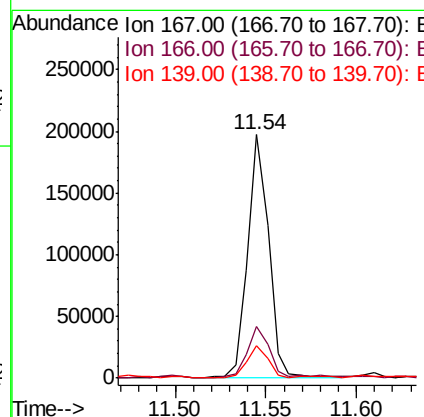
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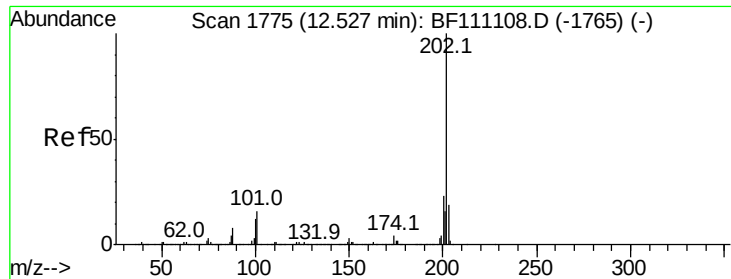
Sohil
 12/11/2018 8:44:55 AM



#73
 Carbazole
 Concen: 3.408 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111210.D
 Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	19.4	29.0
139	13.2	12.6	18.8





#75

Fluoranthene

Concen: 50.510 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Instrument :

BNA_F

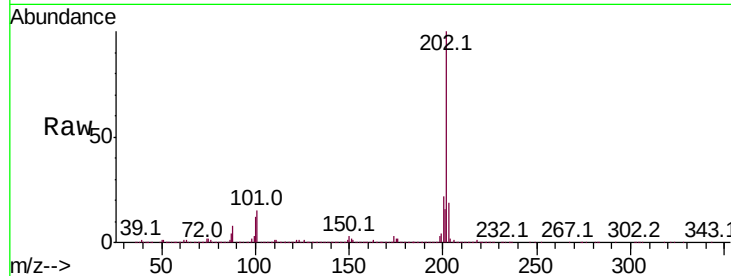
ClientSampleId :

SB-03-COMP

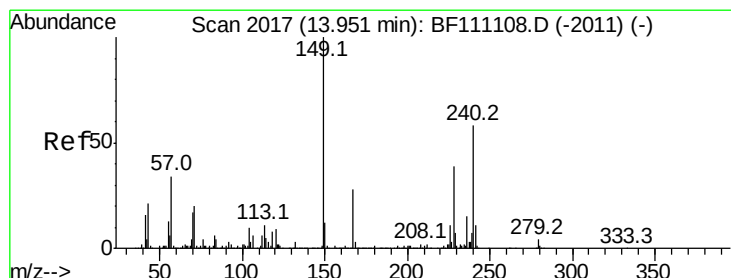
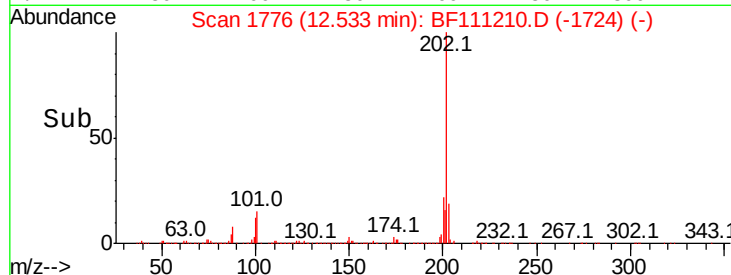
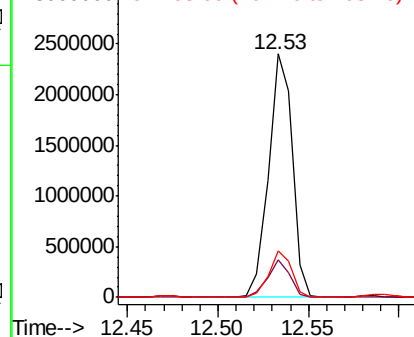
Tot Ion:	202	Resp:	2178008
Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	35.8
203	19.0	0.0	38.6

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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: 13.96 min Scan# 2018

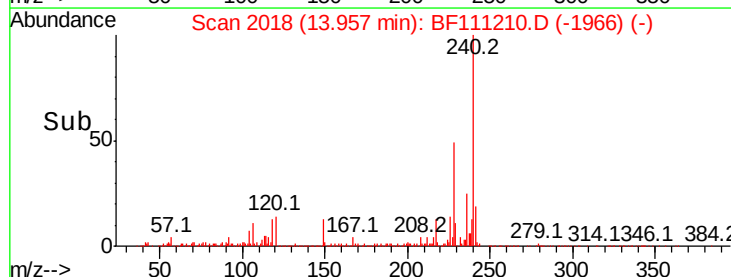
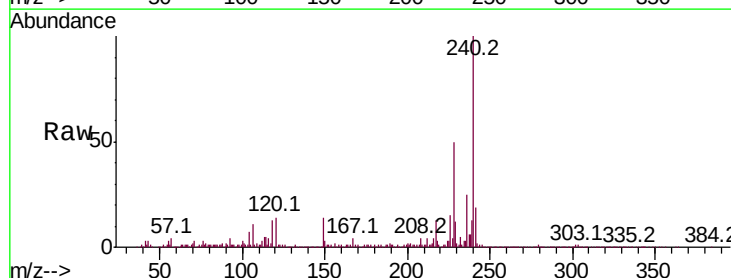
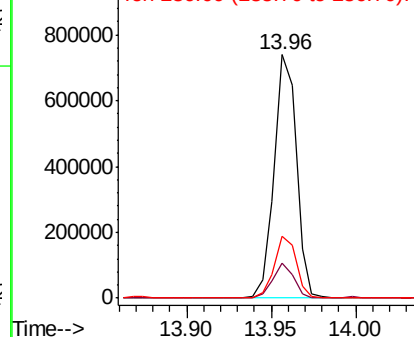
Delta R.T. 0.01 min

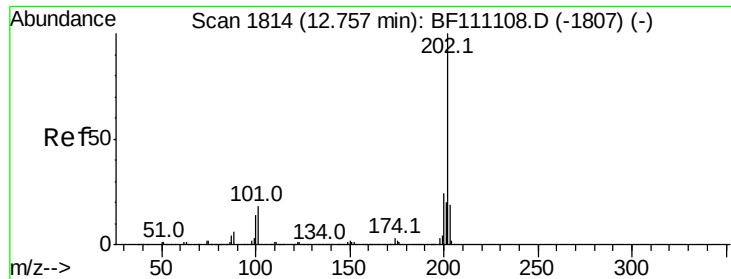
Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Tgt Ion:	240	Resp:	672280
Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.8	19.2
236	25.2	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





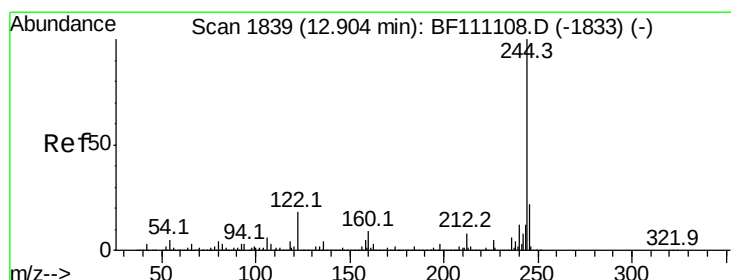
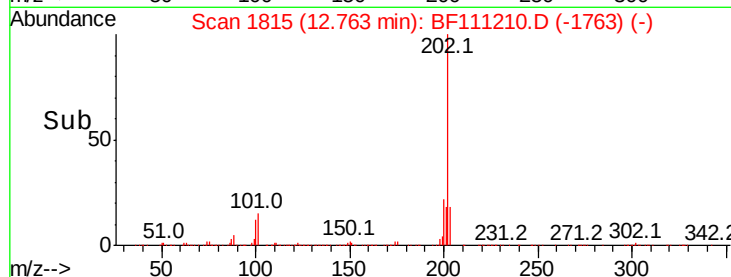
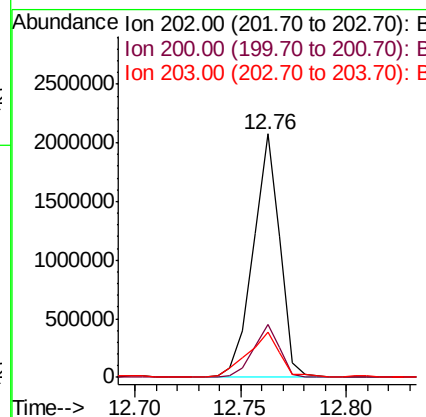
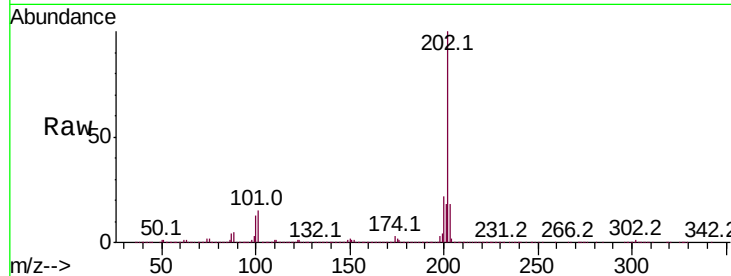
#78
Pvrene
Concen: 34.664 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.3	28.9
203	18.4	15.4	23.2

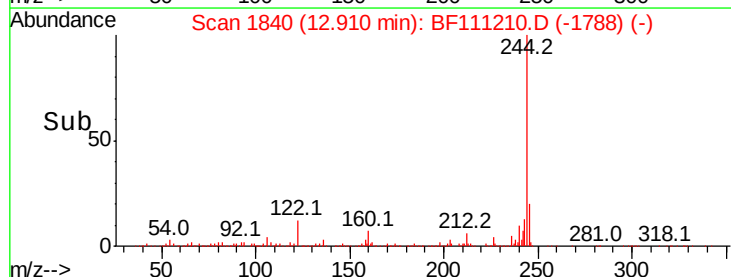
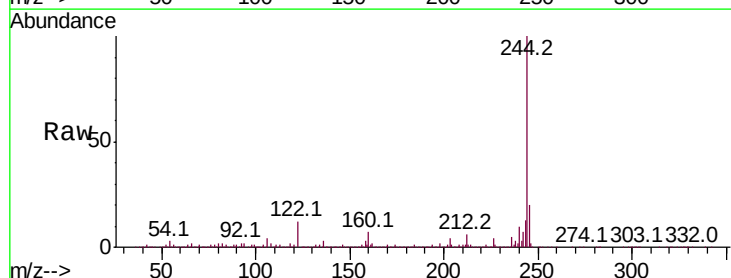
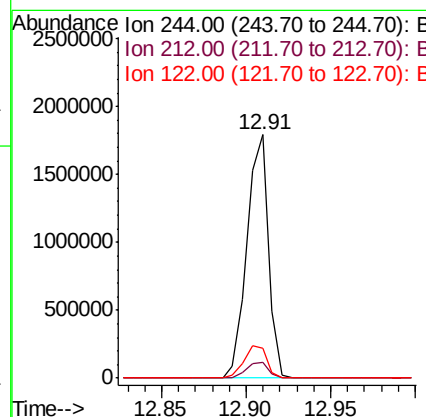
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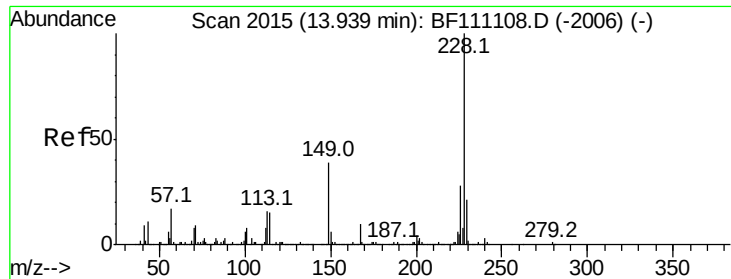
Sohil
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#79
Terphenyl-d14
Concen: 48.593 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.6	9.8#
122	12.2	14.2	21.2#





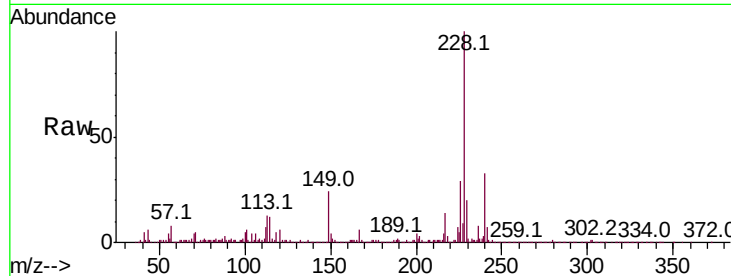
#81
Benzo(a)anthracene
Concen: 24.514 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.5	16.7	25.1

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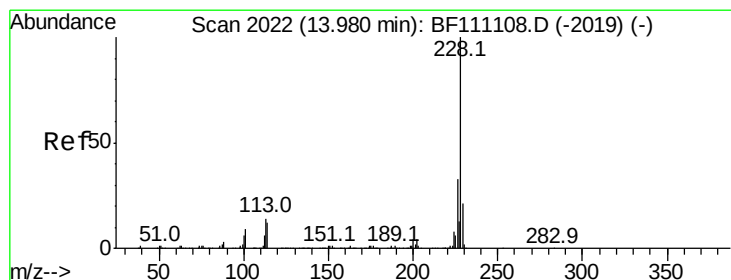
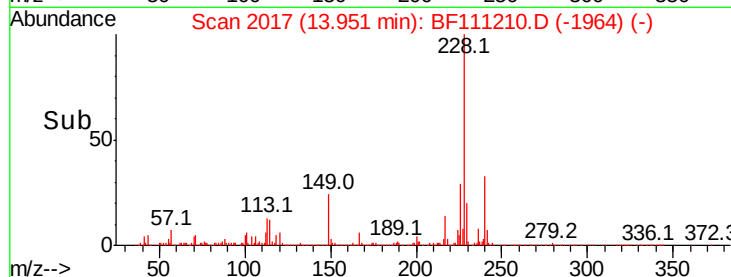
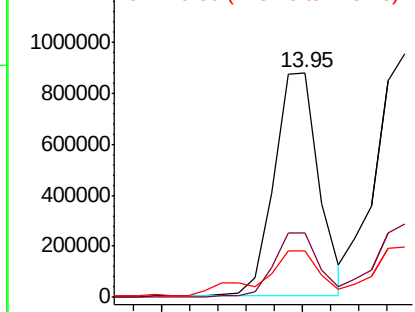


Abundance

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: 24.233 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

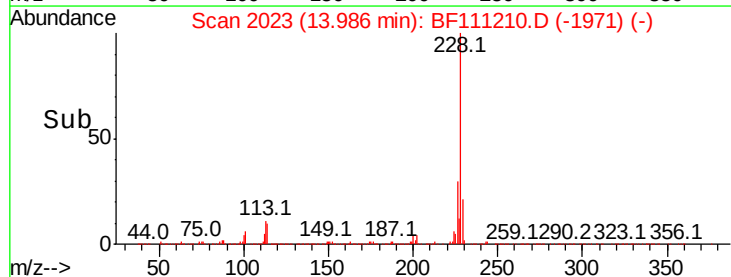
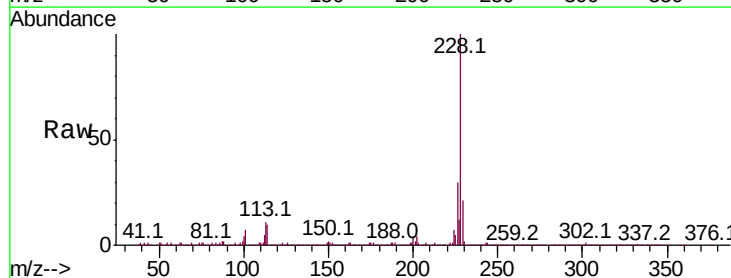
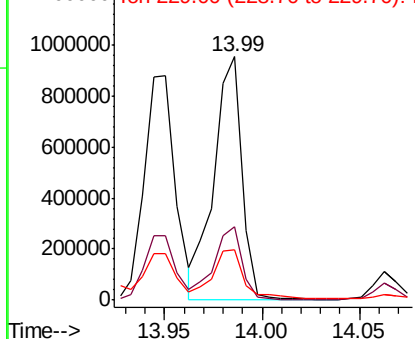
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	26.2	39.2
229	20.8	16.9	25.3

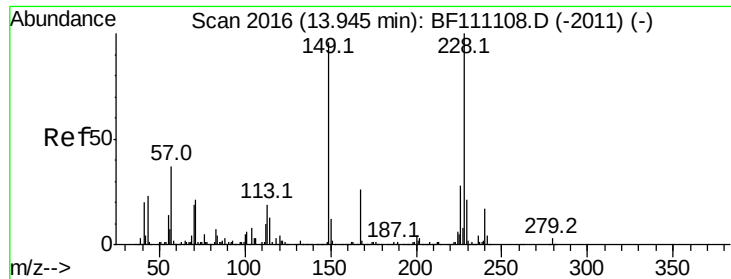
Abundance

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: 5.695 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Instrument :

BNA_F

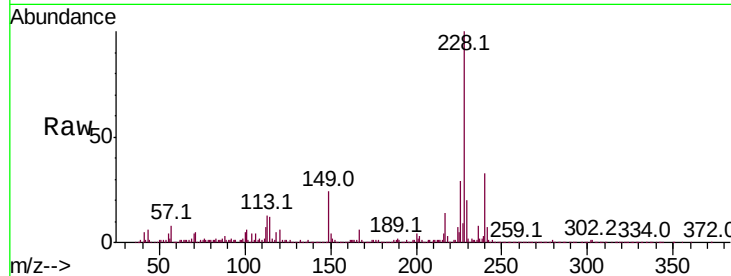
ClientSampled :

SB-03-COMP

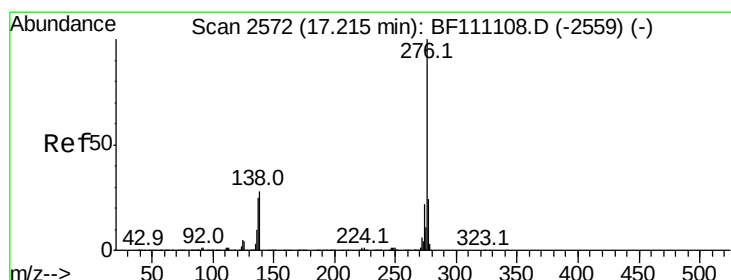
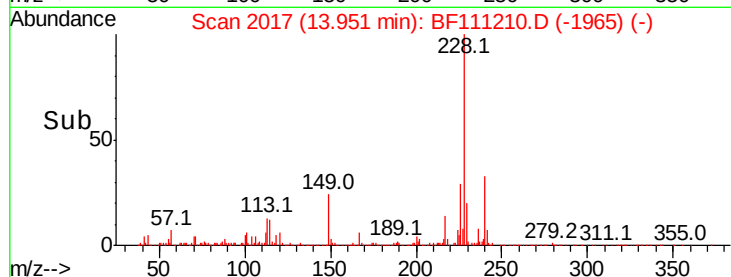
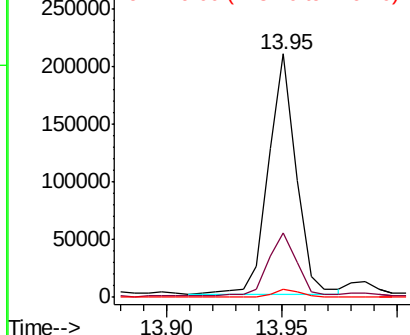
Tot Ion:	149	Resp:	174055
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.6	32.4
279	3.2	2.3	3.5

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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: 10.010 ng

RT: 16.80 min Scan# 2502

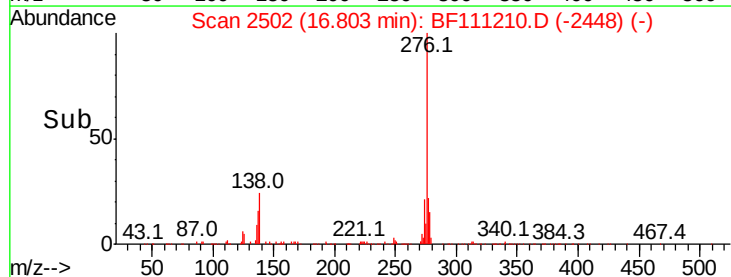
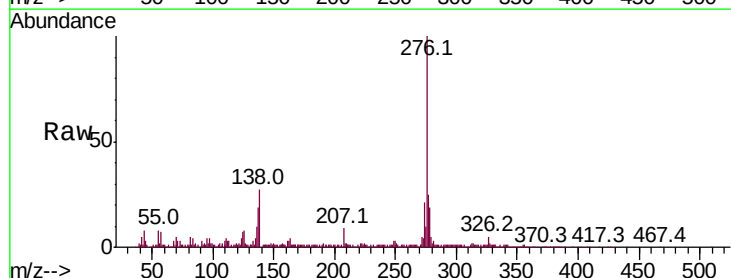
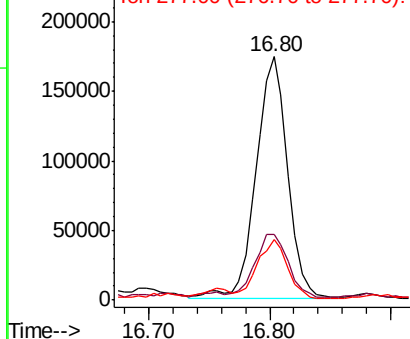
Delta R.T. 0.02 min

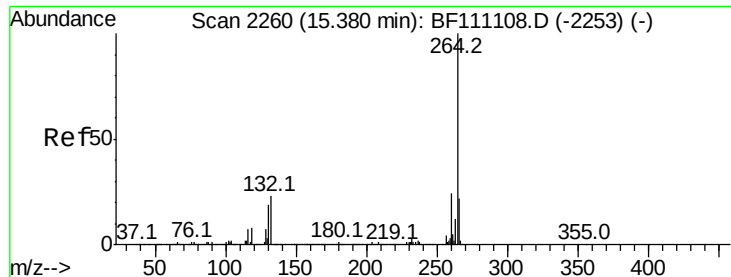
Lab File: BF111210.D

Acq: 8 Dec 2018 2:29

Tgt Ion:	276	Resp:	314283
Ion Ratio	Lower	Upper	
276	100		
138	28.1	20.2	30.4
277	24.2	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





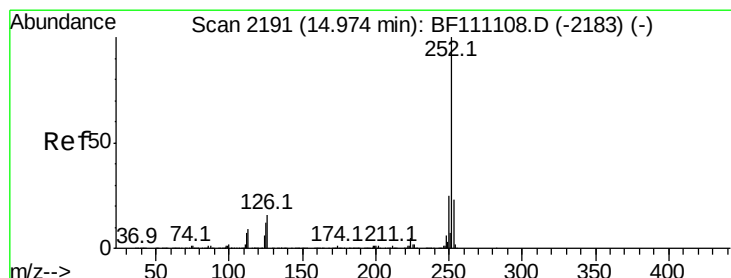
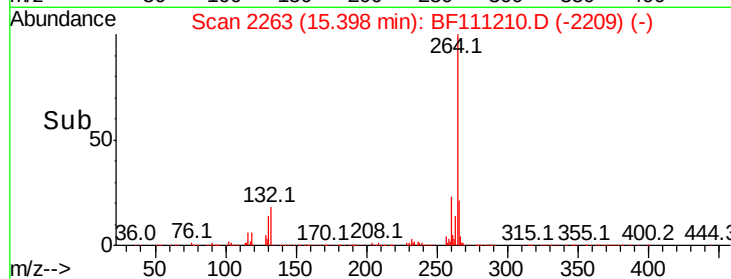
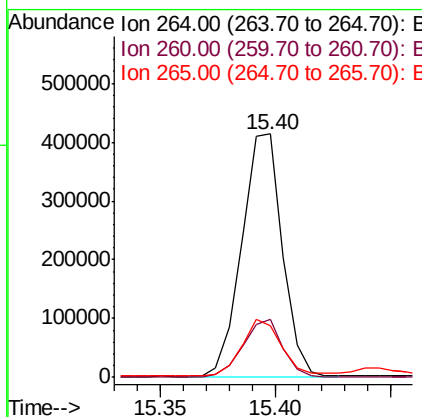
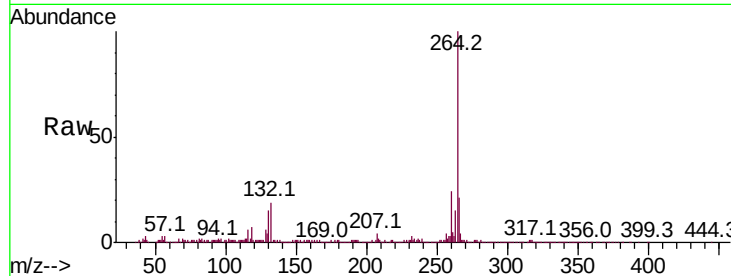
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampled :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.3	17.4	26.0

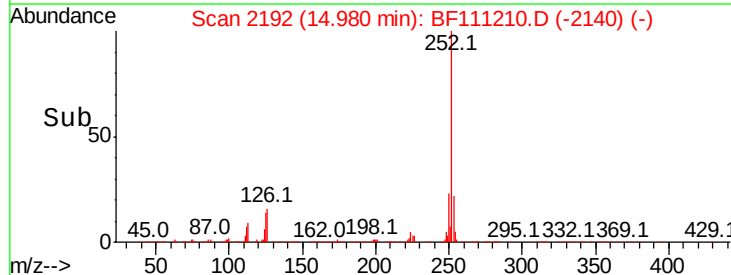
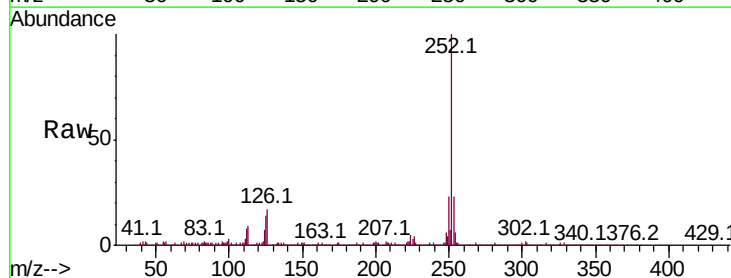
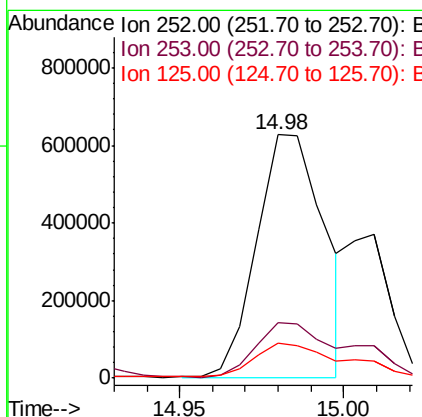
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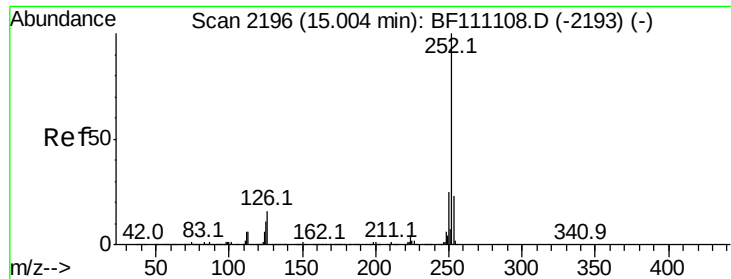
Sohil
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#88
Benzo(b)fluoranthene
Concen: 31.629 ng m
RT: 14.98 min Scan# 2192
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	14.1	9.9	14.9





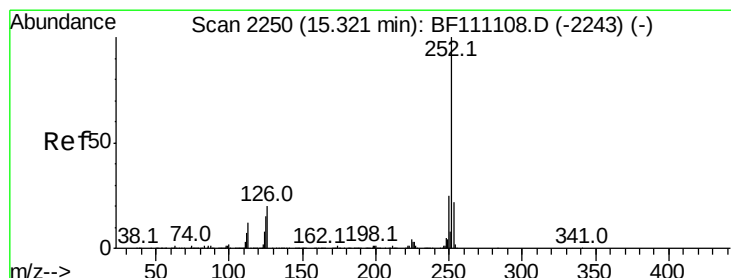
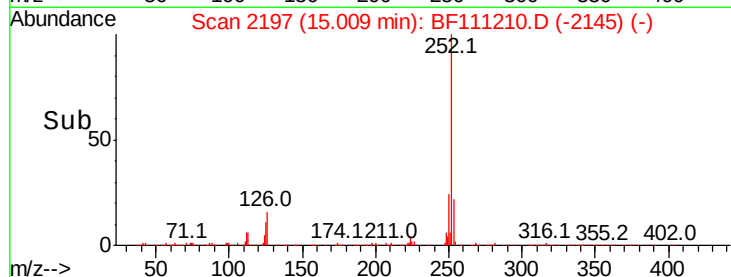
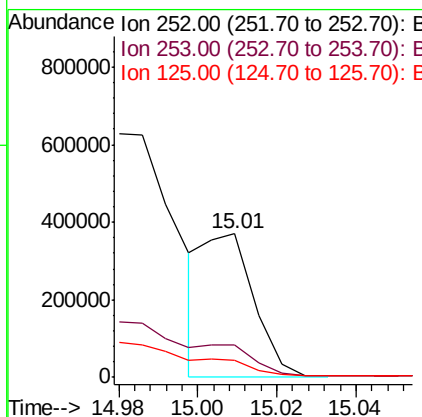
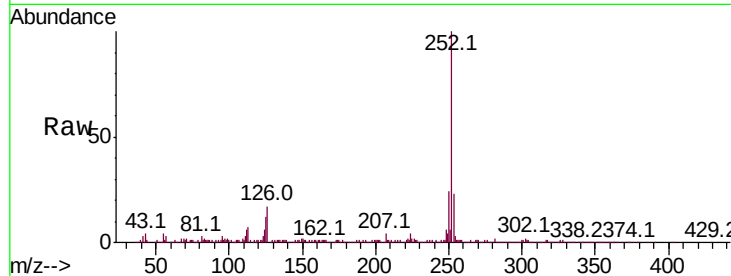
#89
Benzo(k)fluoranthene
Concen: 11.790 ng m
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	18.2	27.4
125	11.8	9.9	14.9

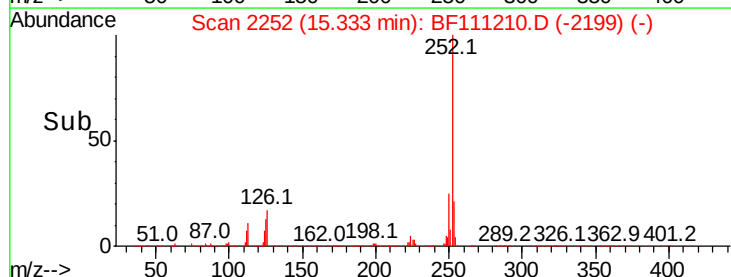
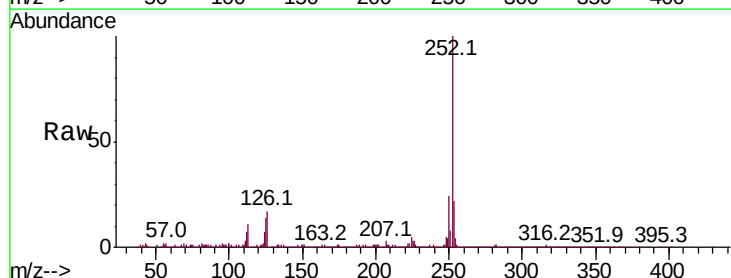
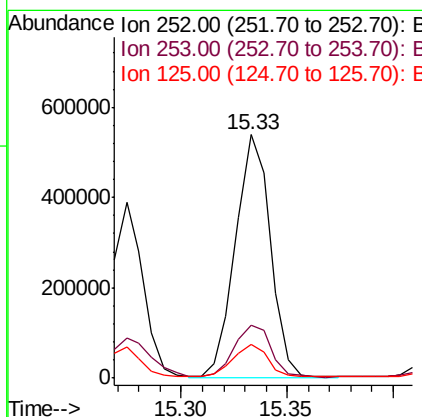
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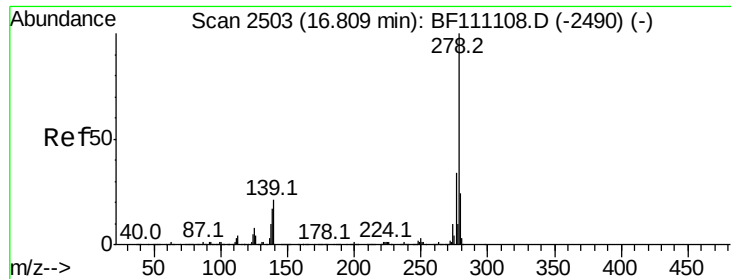
Sohil
12/11/2018 8:44:55 AM



#90
Benzo(a)pyrene
Concen: 23.339 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.8	12.4	18.6





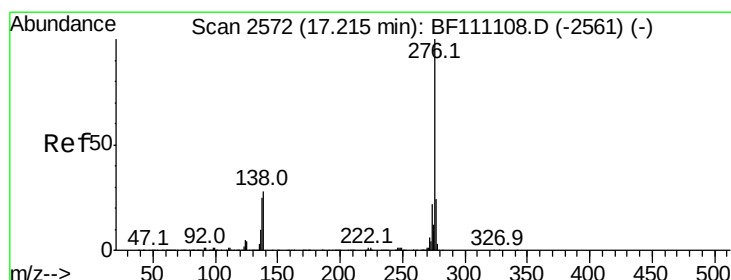
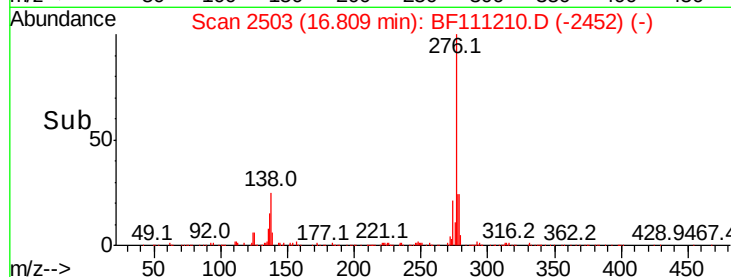
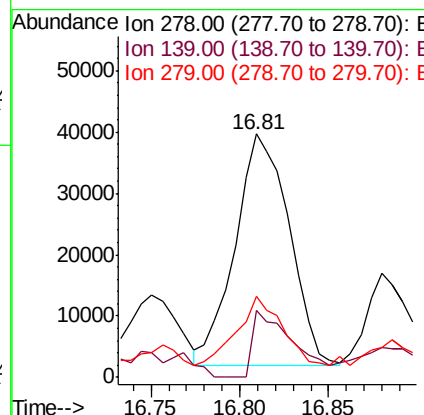
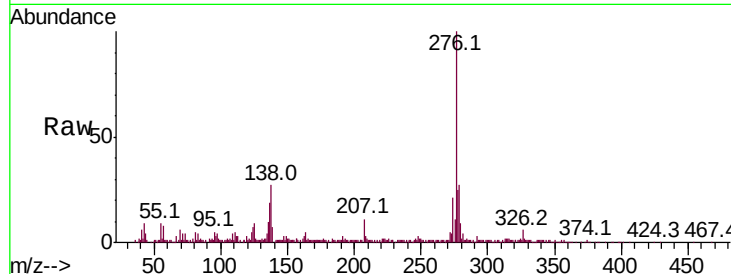
#91
Dibenzo(a,h)anthracene
Concen: 3.651 ng m
RT: 16.81 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.8	16.6	25.0#
279	33.2	18.8	28.2#

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#92
Benzo(g,h,i)perylene
Concen: 11.557 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.01 min
Lab File: BF111210.D
Acq: 8 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	28.9	22.3	33.5

