

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109557.D
 Acq On : 3 Oct 2018 20:02
 Operator : JU/SJ
 Sample : J5084-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)

Manual Integrations
 APPROVED

Sohil
 10/4/2018 11:44:30 AM

Quant Time: Oct 04 02:38:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	51623	20.00	ng	0.04
21) Naphthalene-d8	8.02	136	123273	20.00	ng	0.02
38) Acenaphthene-d10	9.74	164	89295	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	185991	20.00	ng	0.00
75) Chrysene-d12	13.84	240	186007	20.00	ng	0.00
86) Perylene-d12	15.24	264	131761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	85840	27.39	ng	0.06
7) Phenol-d6	6.38	99	222461	55.62	ng	0.02
23) Nitrobenzene-d5	7.32	82	214726m	102.83	ng	0.04
41) 2,4,6-Tribromophenol	10.52	330	93567	106.29	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	409665	69.19	ng	-0.01
78) Terphenyl-d14	12.79	244	527185	69.56	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	4266418	740.632	ng	96
37) 2-Methylnaphthalene	8.73	142	2860106	770.185	ng	# 94
45) 1,1'-Biphenyl	9.16	154	76116	10.462	ng	95
49) Dimethylphthalate	9.46	163	111017	17.093	ng	# 98
57) Fluorene	10.28	166	16709	2.970	ng	# 83
70) Phenanthrene	11.24	178	36061	3.883	ng	97

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

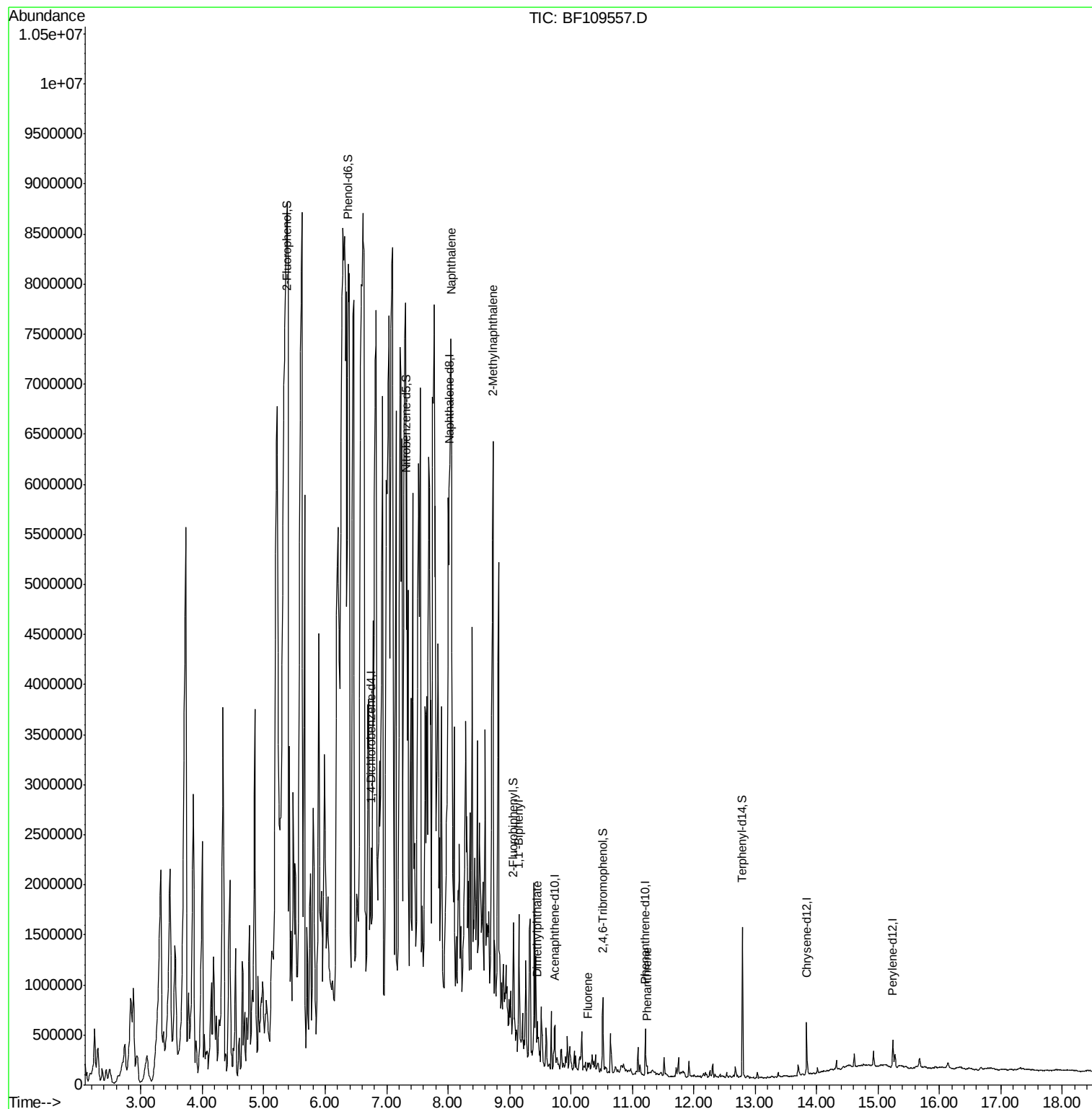
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

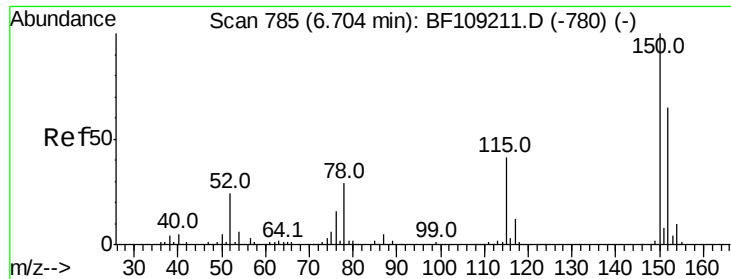
Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)

Manual Integrations
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#1

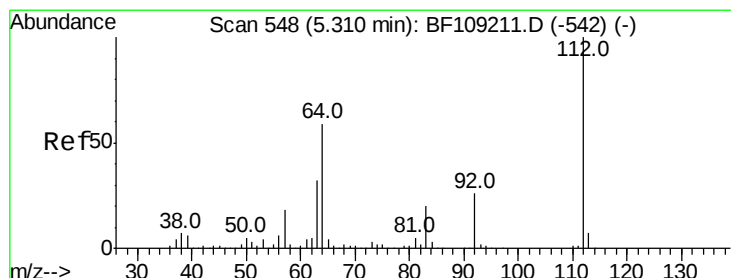
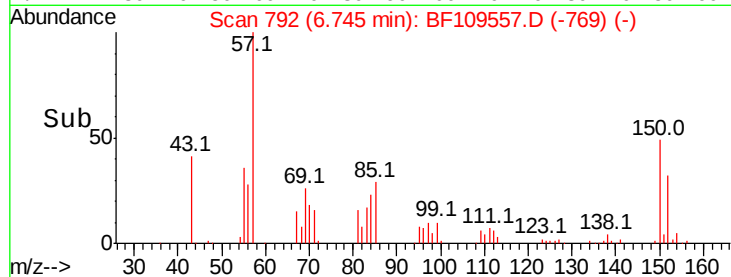
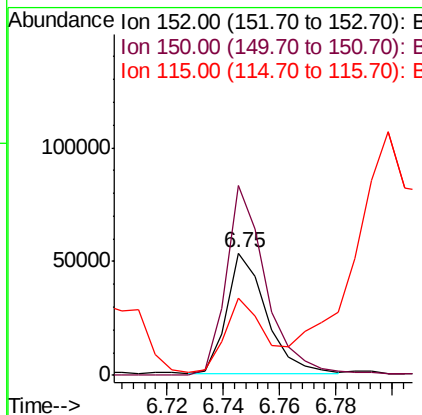
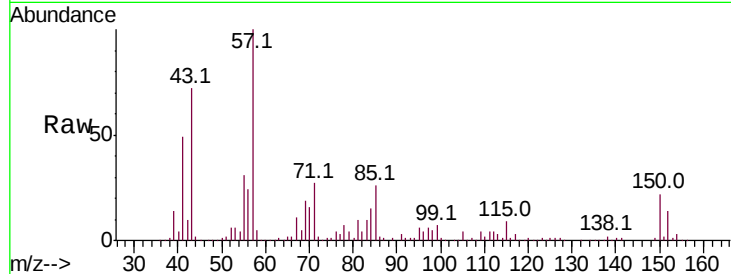
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.04 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Instrument :
BNA_F
ClientSampled :
B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	63.6	50.1	75.1

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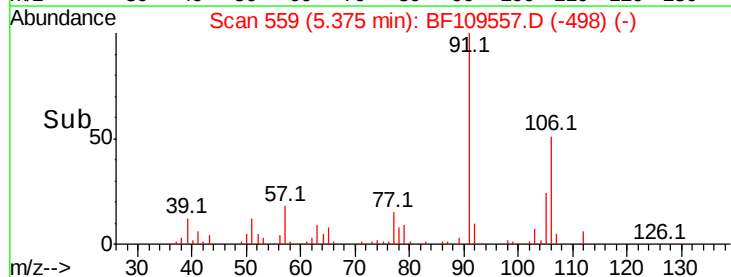
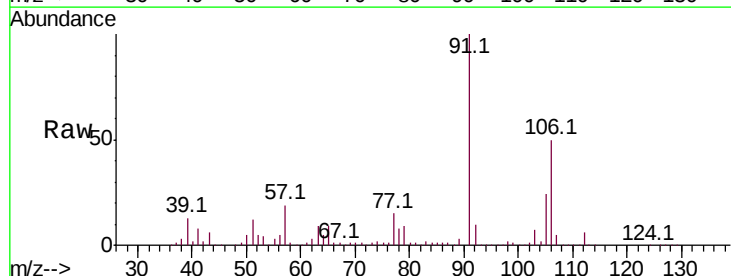
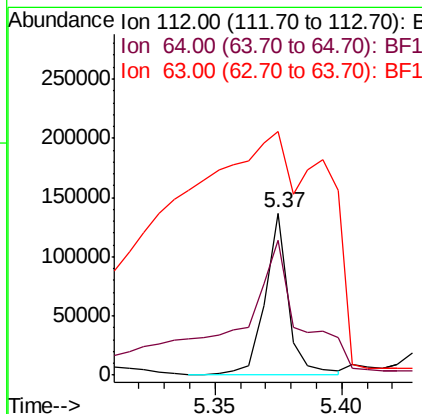
Sohil
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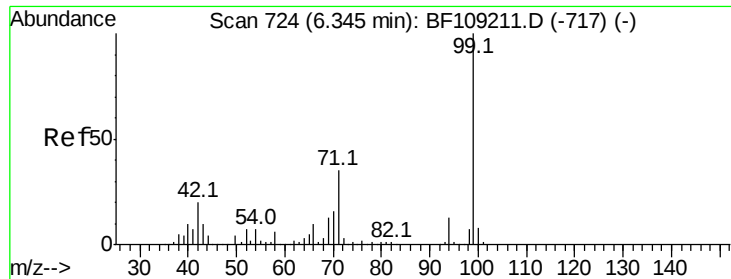


#5

2-Fluorophenol
Concen: 27.388 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.06 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.7	47.9	71.9#
63	150.4	23.7	35.5#





#7

Phenol-d6

Concen: 55.624 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF109557.D

Acq: 3 Oct 2018 20:02

Instrument :

BNA_F

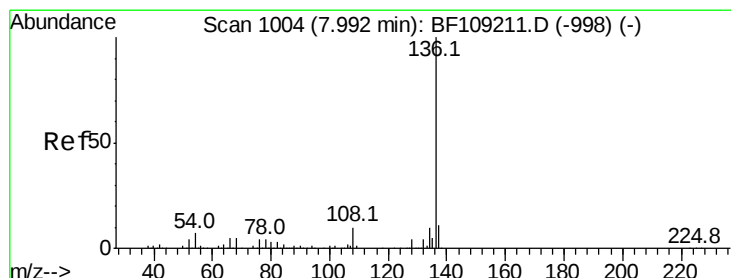
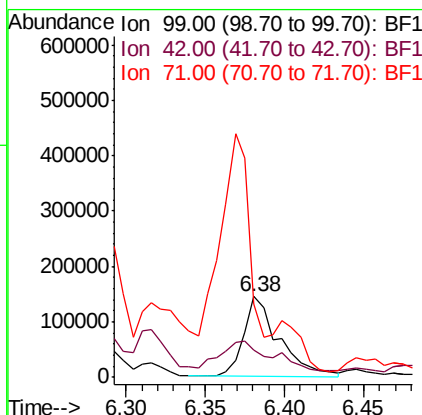
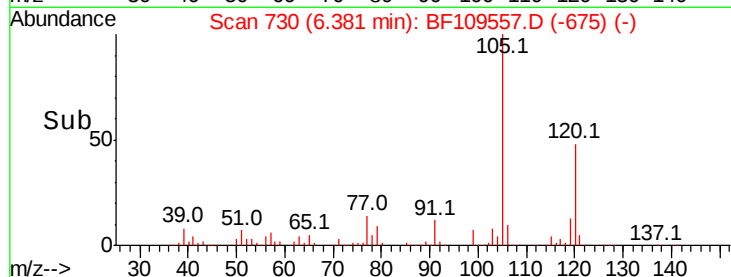
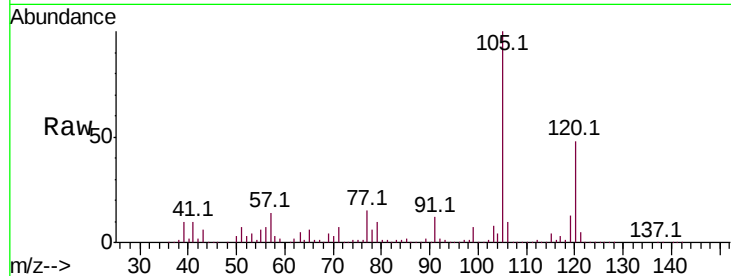
ClientSampled :

B-7(8-8.5)

Tot Ion:	99	Resp:	222461
Ion Ratio	Lower	Upper	
99	100		
42	33.7	14.5	21.7#
71	91.8	25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

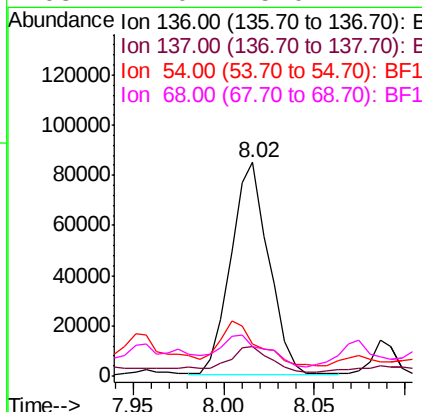
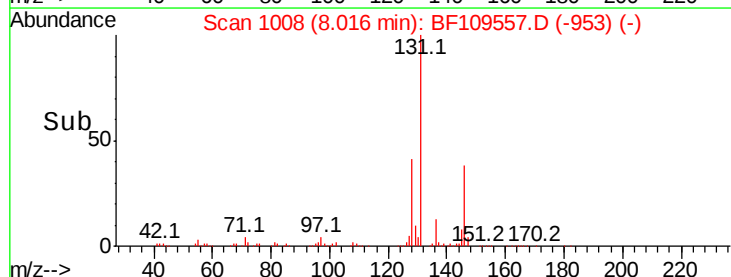
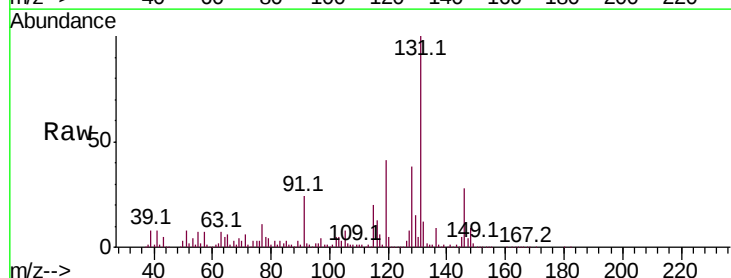
RT: 8.02 min Scan# 1008

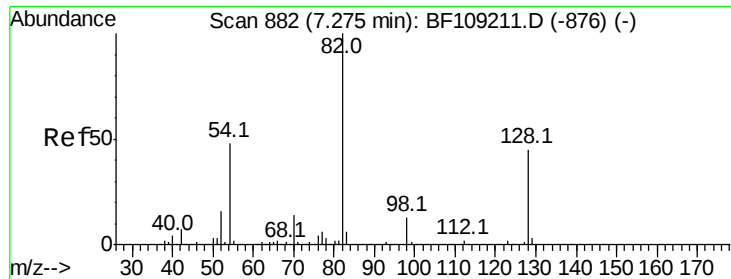
Delta R.T. 0.02 min

Lab File: BF109557.D

Acq: 3 Oct 2018 20:02

Tgt Ion:	136	Resp:	123273
Ion Ratio	Lower	Upper	
136	100		
137	14.0	8.9	13.3#
54	14.8	6.6	9.8#
68	14.0	5.0	7.4#





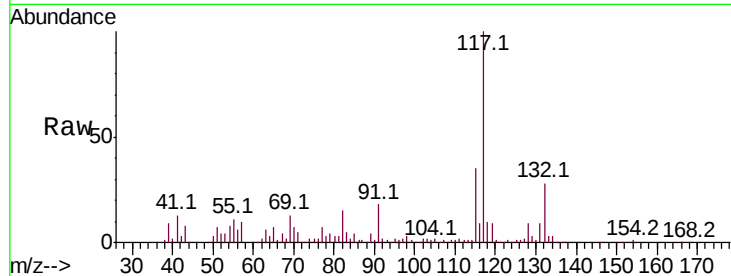
#23
Nitrobenzene-d5
Concen: 102.825 ng m
RT: 7.32 min Scan# 889
Delta R.T. 0.04 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)

Tot Ion	82	128	54
Ion Ratio	100	61.8	51.6
Lower		36.1	41.4
Upper		54.1#	62.2

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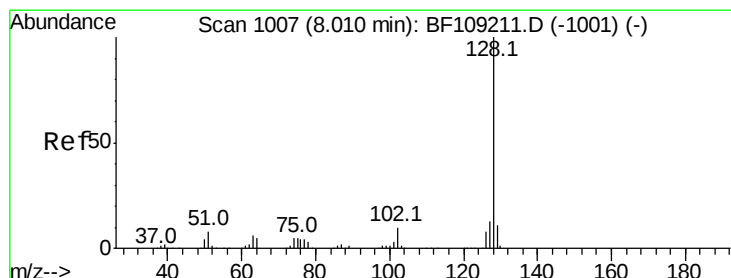
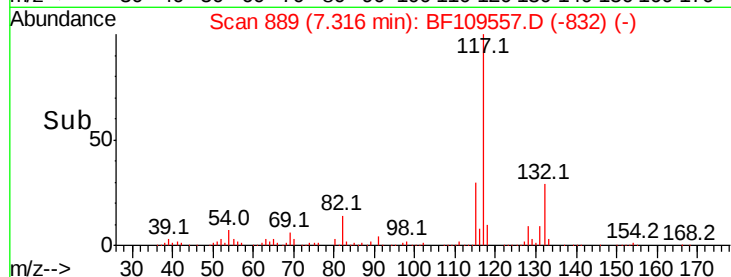
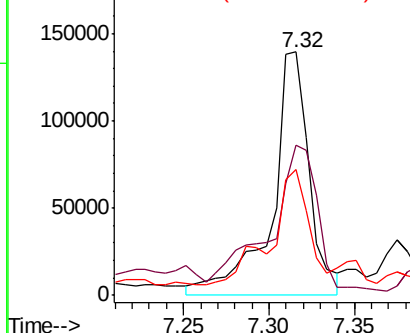


Abundance

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: 740.632 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

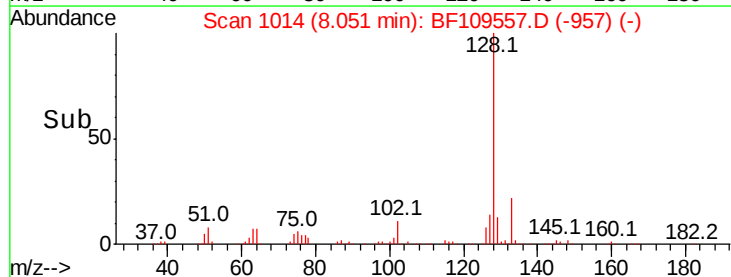
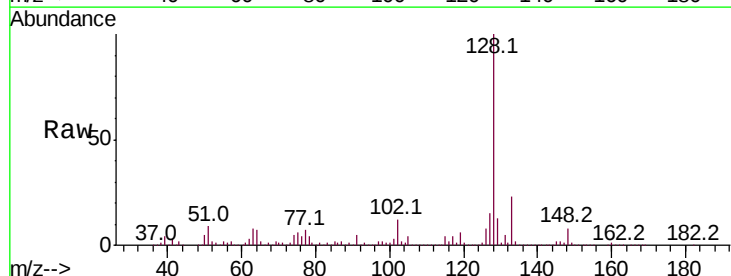
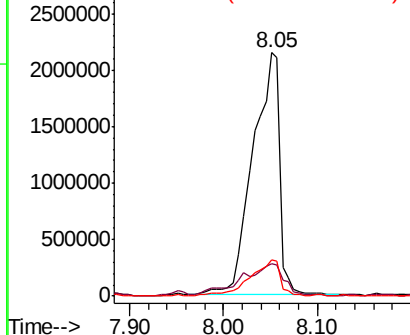
Tgt Ion	128	129	127
Ion Ratio	100	13.1	14.8
Lower		8.8	10.9
Upper		13.2	16.3

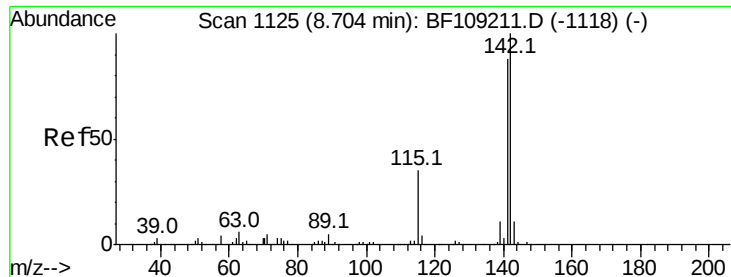
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





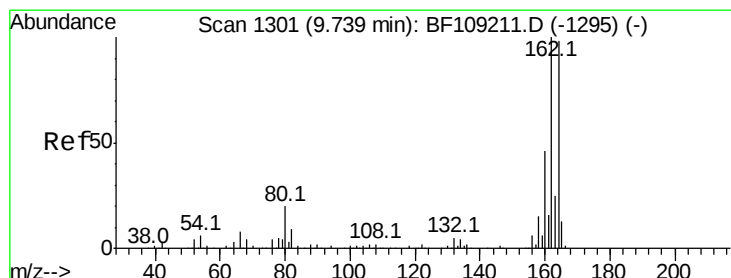
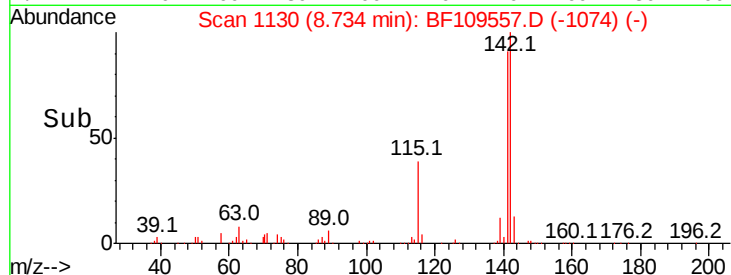
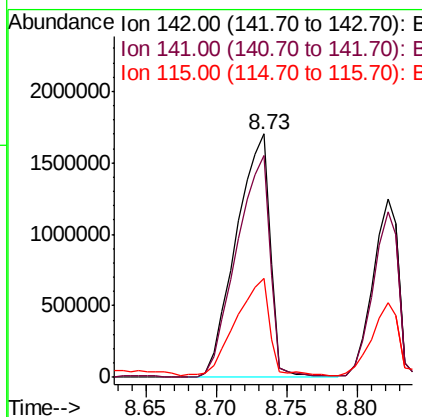
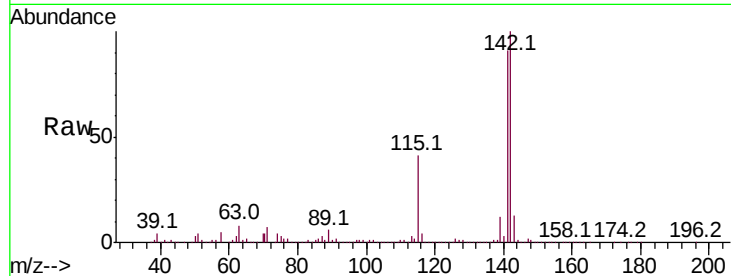
#37
2-Methylnaphthalene
Concen: 770.185 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.8	106.2
115	40.6	26.1	39.1#

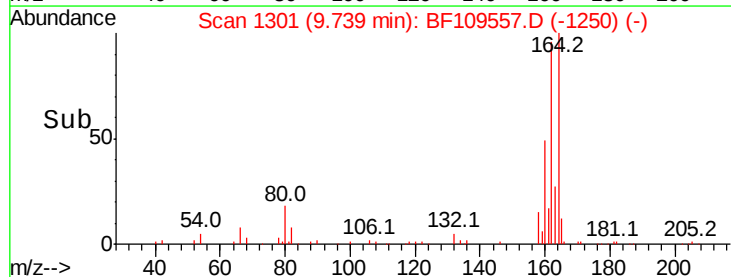
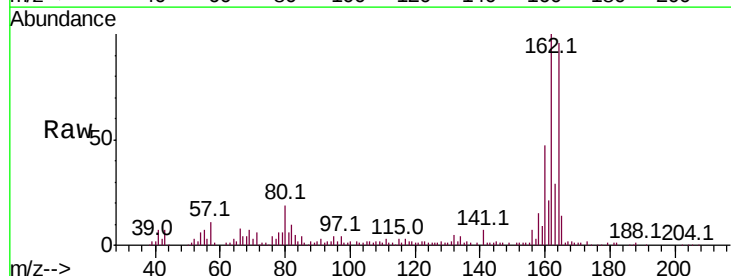
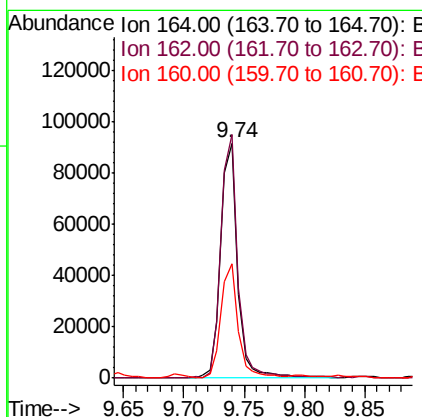
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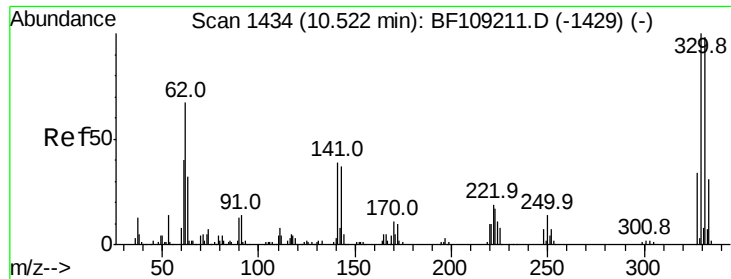
Sohil
10/4/2018 11:44:30 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	48.8	38.3	57.5





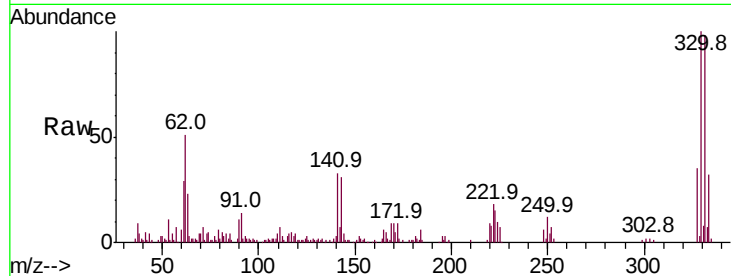
#41
 2,4,6-Tribromophenol
 Concen: 106.294 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	35.8	29.9	44.9

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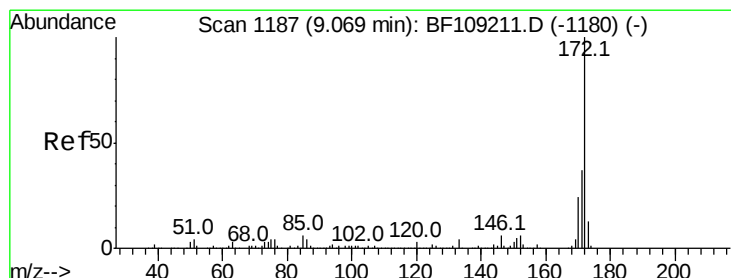
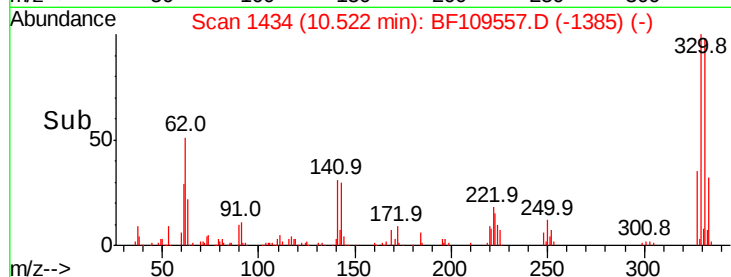
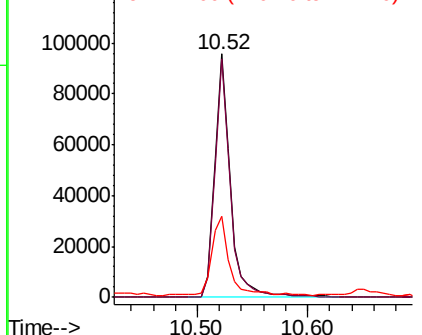


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 69.192 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

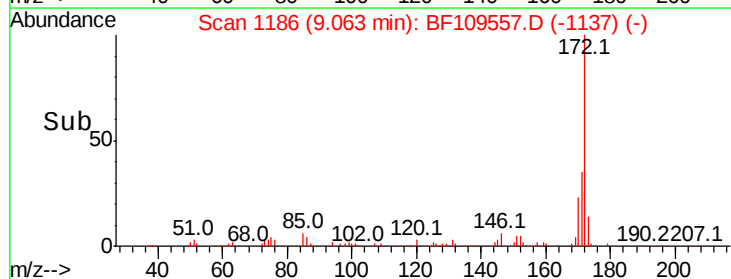
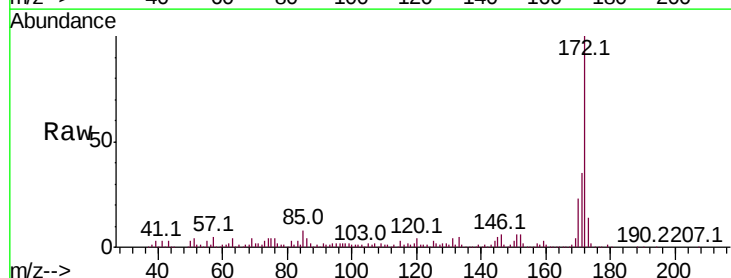
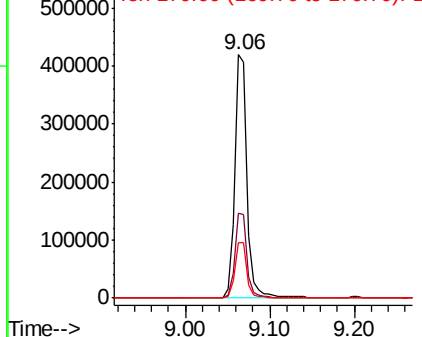
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	23.0	19.6	29.4

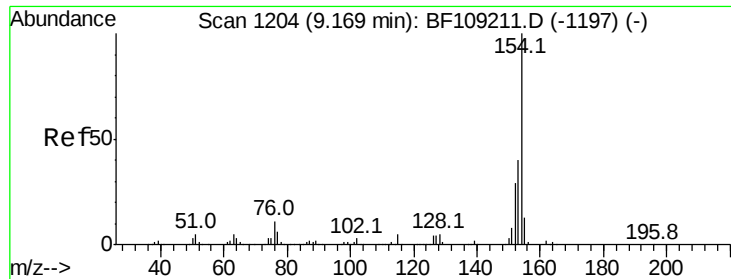
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 10.462 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109557.D

Acq: 3 Oct 2018 20:02

Instrument :

BNA_F

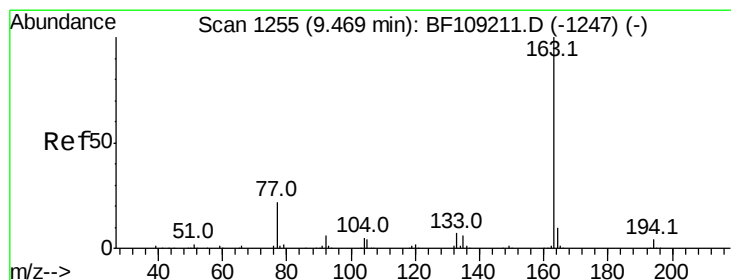
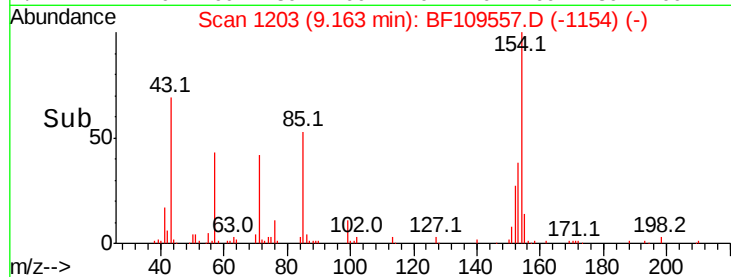
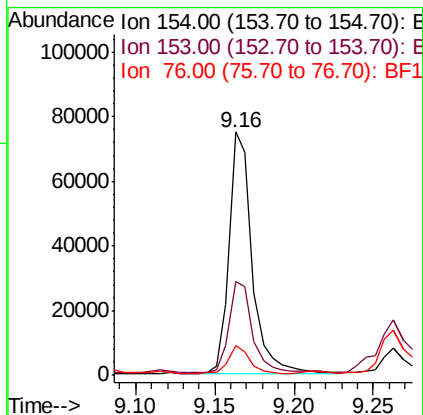
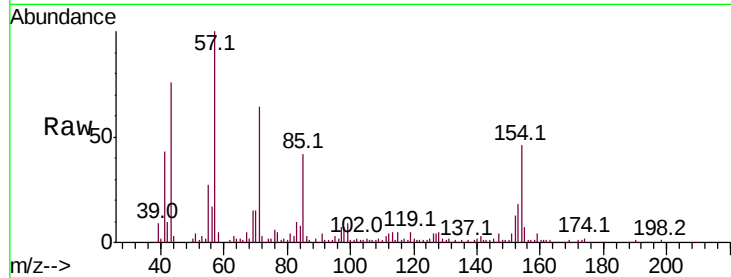
ClientSampled :

B-7(8-8.5)

Tot Ion:	154	Resp:	76116
Ion Ratio	Lower	Upper	
154	100		
153	38.5	21.3	61.3
76	12.1	0.0	34.0

Manual Integrations
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#49

Dimethylphthalate

Concen: 17.093 ng

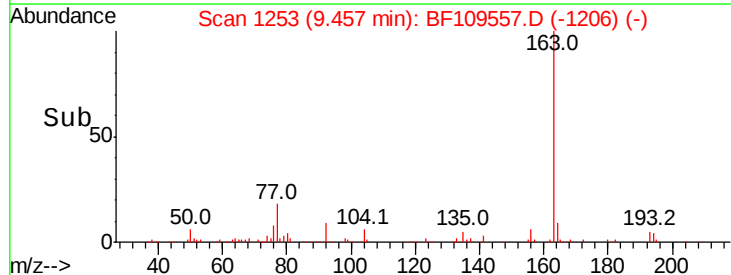
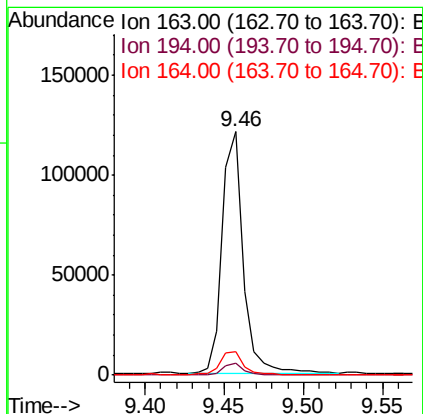
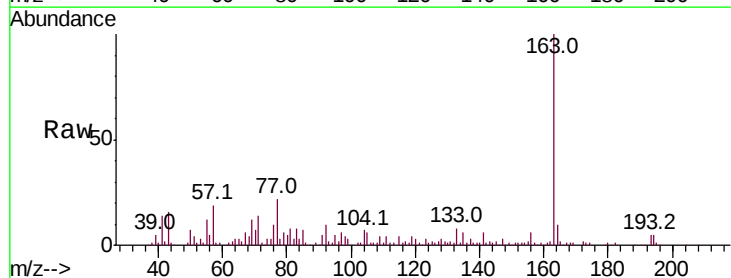
RT: 9.46 min Scan# 1253

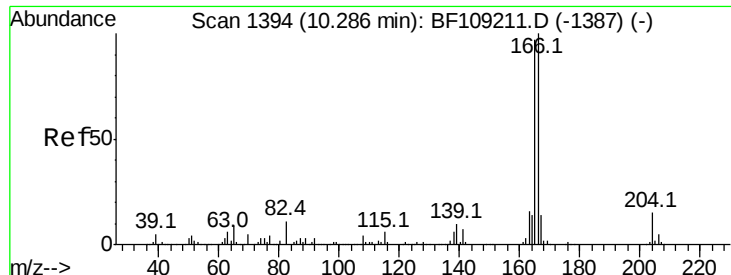
Delta R.T. -0.02 min

Lab File: BF109557.D

Acq: 3 Oct 2018 20:02

Tgt Ion:	163	Resp:	111017
Ion Ratio	Lower	Upper	
163	100		
194	4.9	2.7	4.1#
164	9.7	8.2	12.2





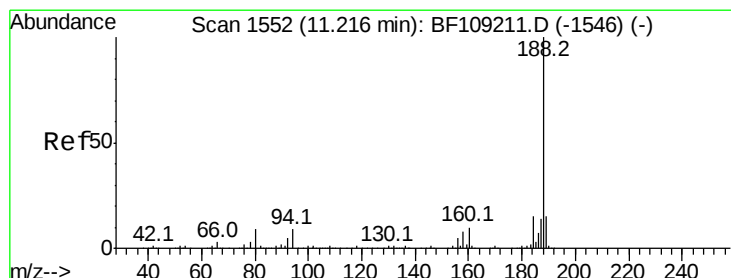
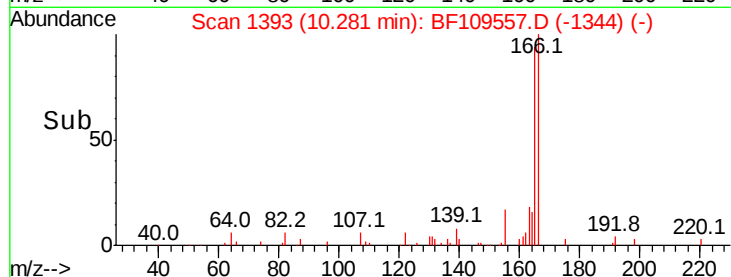
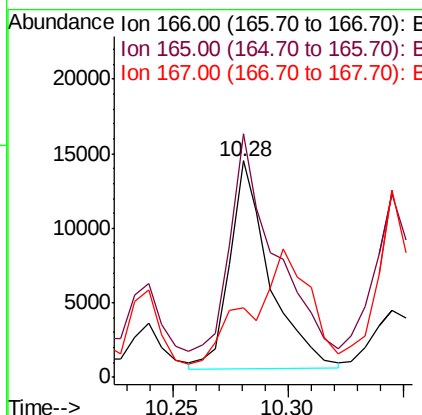
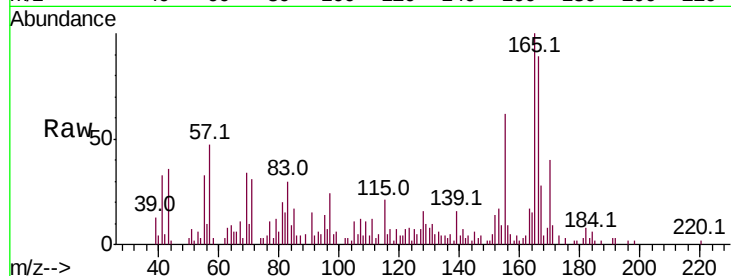
#57
 Fluorene
 Concen: 2.970 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

Instrument :
 BNA_F
 ClientSampled :
 B-7(8-8.5)

Tot Ion	Ratio	Lower	Upper
166	100		
165	112.6	79.8	119.8
167	32.0	10.6	16.0#

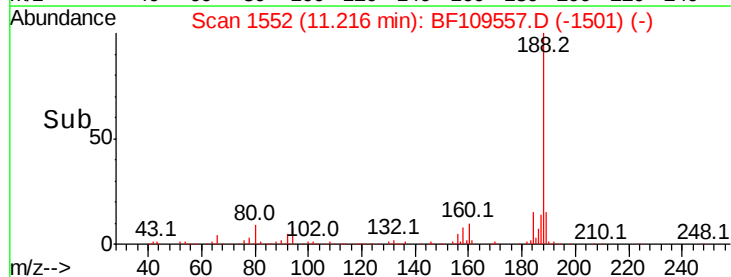
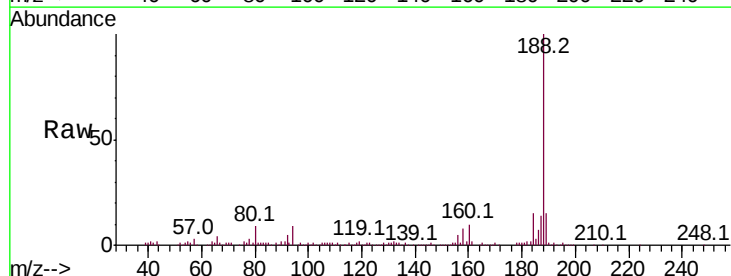
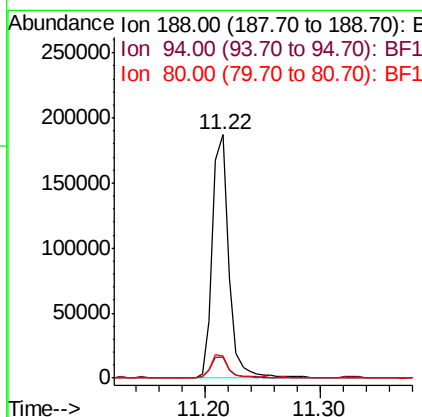
Manual Integrations
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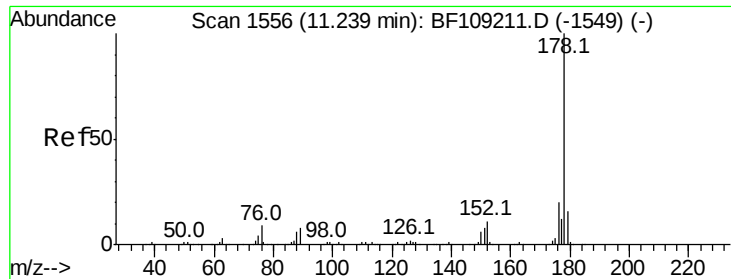
Sohil
 10/4/2018 11:44:30 AM



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#





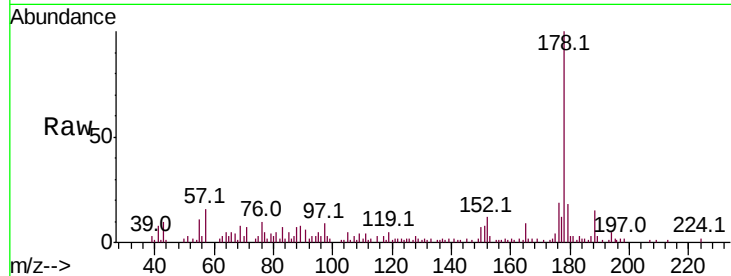
#70
Phenanthrene
Concen: 3.883 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Instrument :
BNA_F
ClientSampleId :
B-7(8-8.5)

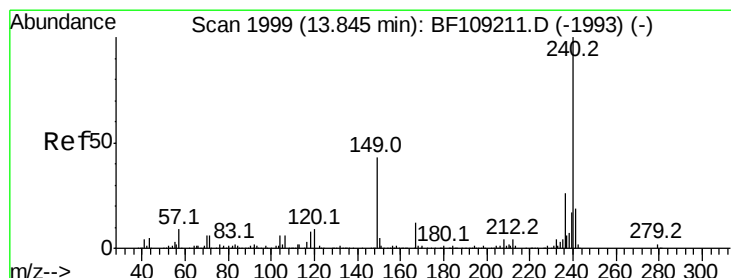
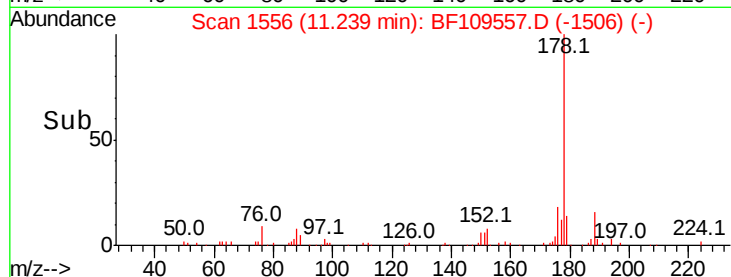
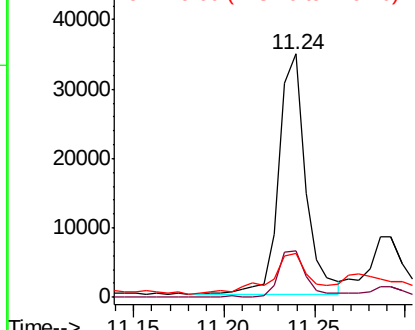
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	17.8	13.0	19.6

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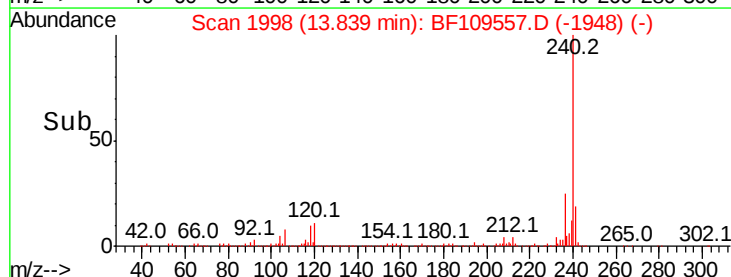
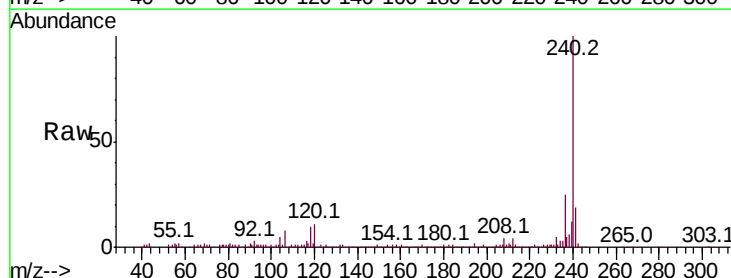
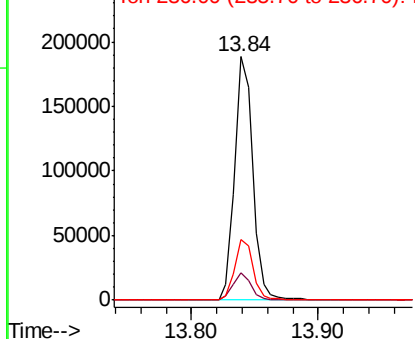
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

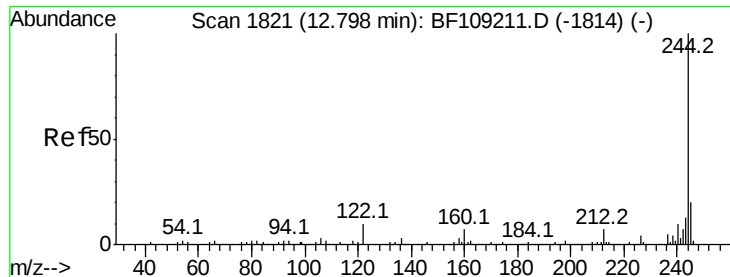


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109557.D
Acq: 3 Oct 2018 20:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.1	20.7	31.1

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





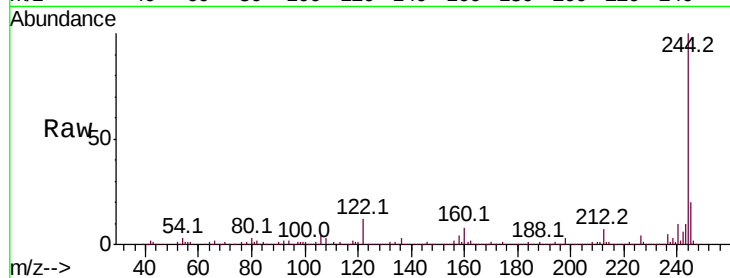
#78
 Terphenyl-d14
 Concen: 69.556 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

Instrument :
 BNA_F
 ClientSampleId :
 B-7(8-8.5)

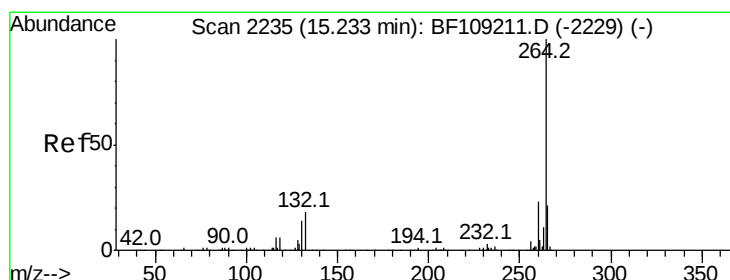
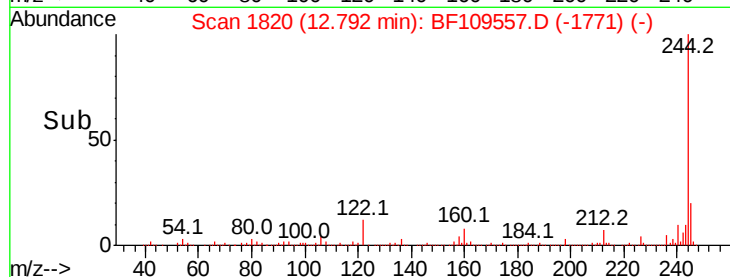
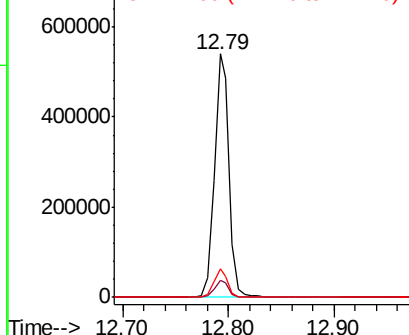
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.8	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109557.D
 Acq: 3 Oct 2018 20:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.7	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

