

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098394.D
 Acq On : 9 Sep 2017 19:07
 Operator : SJ/JU
 Sample : I5140-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-13.75-27.5

Manual Integrations
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Sohil
 9/11/2017 2:42:47 PM

Quant Time: Sep 11 05:58:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	109839	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	423286	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	184026	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	305083	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	252379	20.00	ng	-0.04
86) Perylene-d12	15.23	264	223105	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	767564	106.29	ng	-0.01
7) Phenol-d6	6.33	99	1054423	107.47	ng	-0.02
23) Nitrobenzene-d5	7.25	82	619402	79.49	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	164487	103.02	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	894376	71.40	ng	-0.04
78) Terphenyl-d14	12.77	244	536147	44.30	ng	-0.04
Target Compounds						
20) 3+4-Methylphenols	7.10	107	71815	8.761	ng	Qvalue # 59
31) Naphthalene	7.97	128	82462	3.753	ng	99
49) Dimethylphthalate	9.43	163	152261	11.319	ng	99
70) Phenanthrene	11.21	178	41283	2.539	ng	99
74) Fluoranthene	12.40	202	60205	3.548	ng	99
77) Pyrene	12.62	202	57111	2.767	ng	97
80) Benzo(a)anthracene	13.81	228	31977	2.114	ng	# 91
87) Benzo(b)fluoranthene	14.83	252	36235m	2.577	ng	
89) Benzo(a)pyrene	15.16	252	26244	2.108	ng	# 90

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

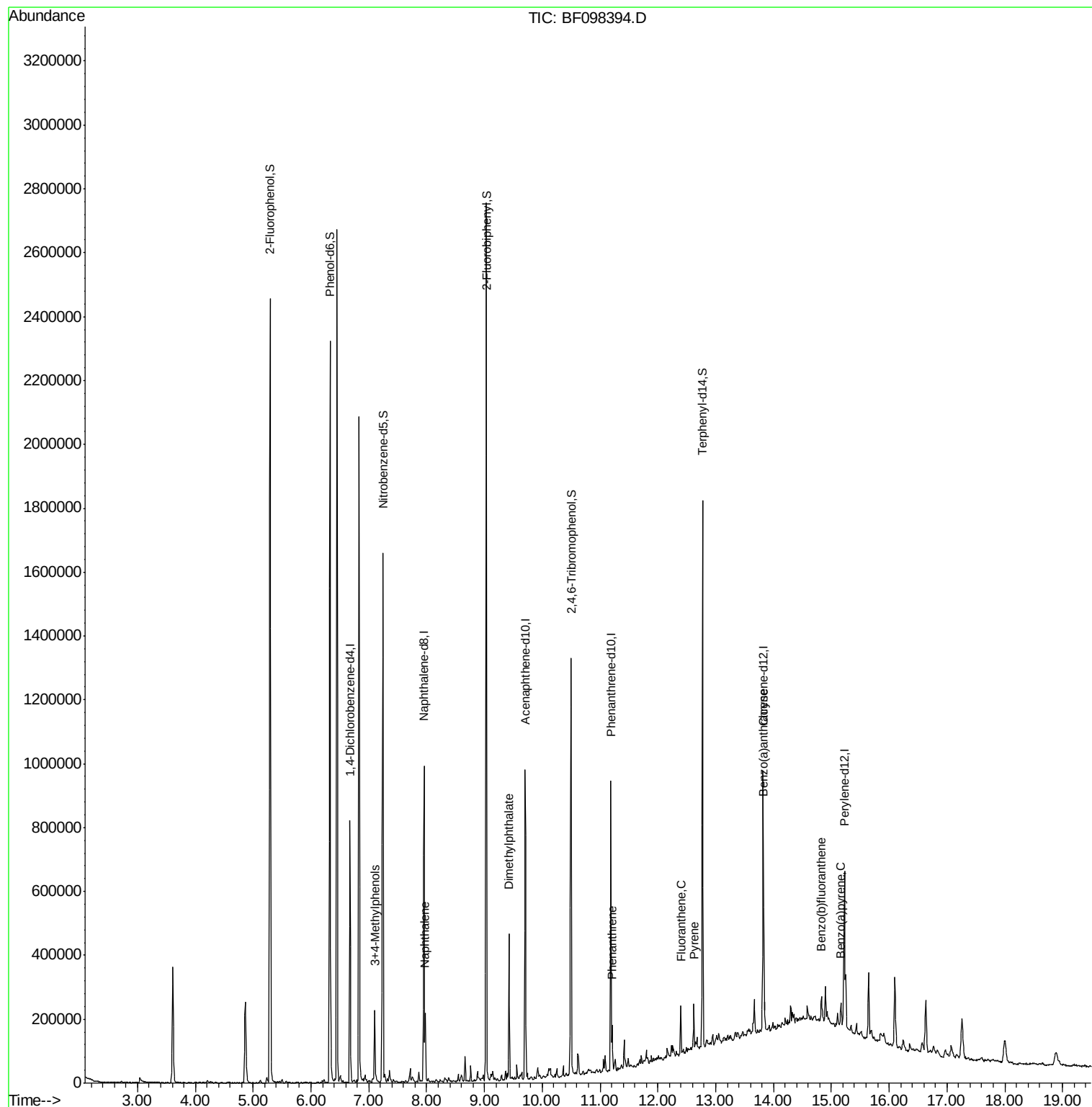
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098394.D
Acq On : 9 Sep 2017 19:07
Operator : SJ/JU
Sample : I5140-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

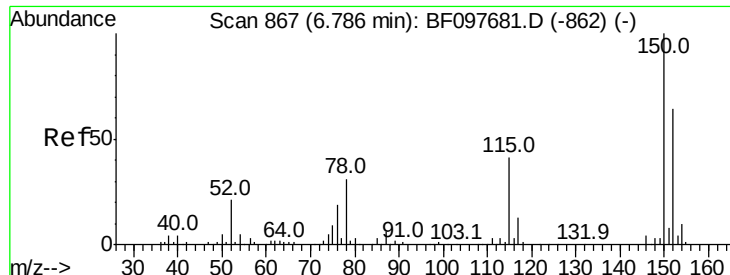
Instrument :
BNA_F
ClientSampleId :
RL-5-13.75-27.5

Manual Integrations
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Quant Time: Sep 11 05:58:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

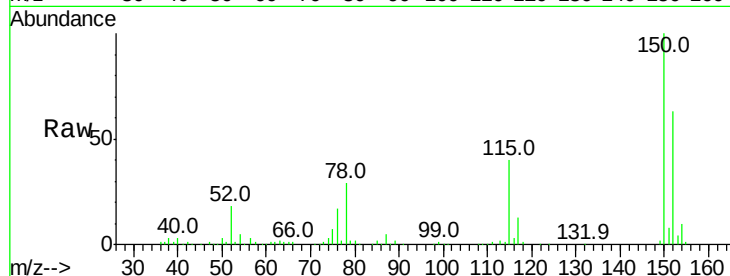
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	64.6	52.2	78.2

Manual Integrations
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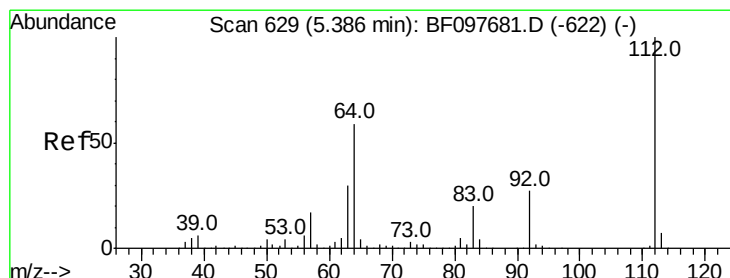
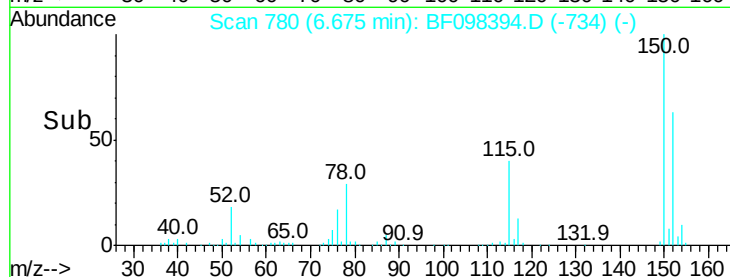
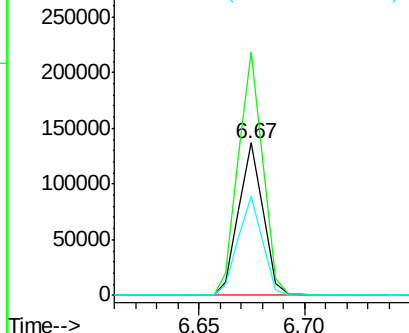


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

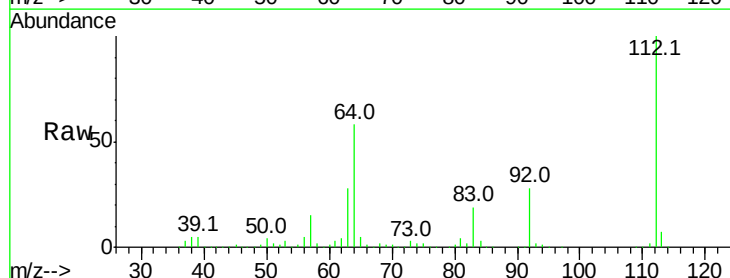
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.294 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	28.3	23.4	35.0

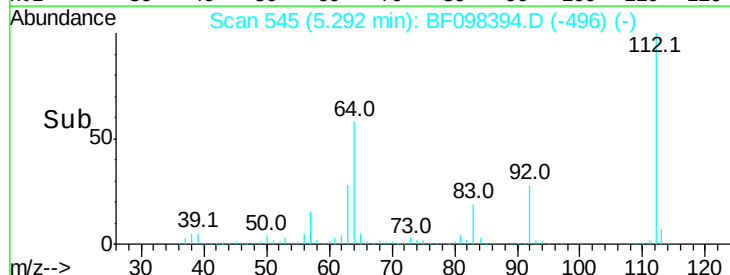
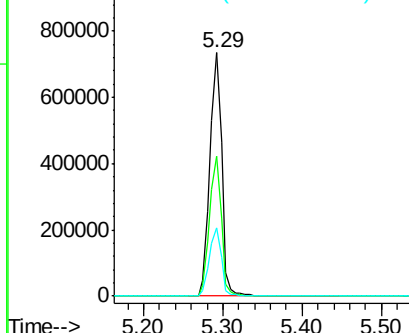


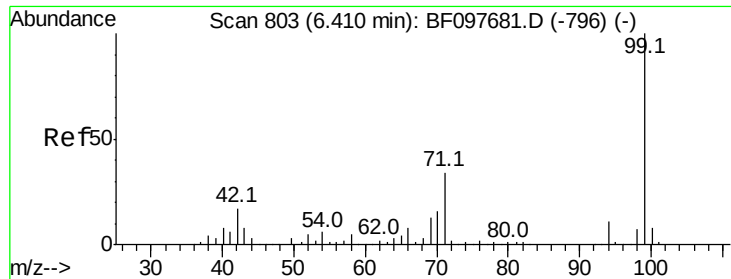
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.468 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098394.D

Acq: 9 Sep 2017 19:07

Instrument :

BNA_F

ClientSampleId :

RL-5-13.75-27.5

Tot Ion: 99 Resp: 1054423

Ion Ratio Lower Upper

99 100

42 13.6 13.5 20.3

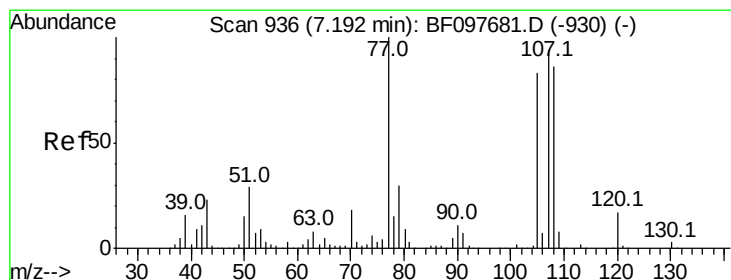
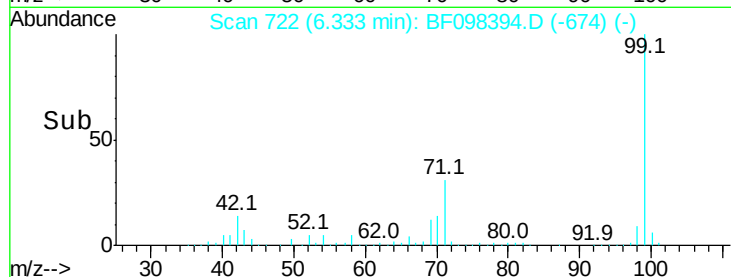
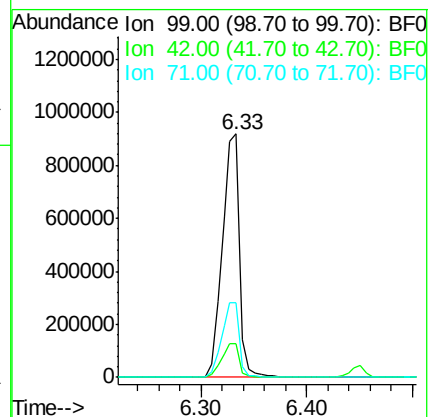
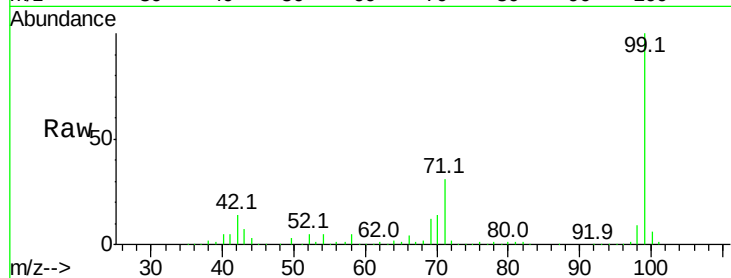
71 30.5 24.5 36.7

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#20

3+4-Methylphenols

Concen: 8.761 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF098394.D

Acq: 9 Sep 2017 19:07

Tgt Ion:107 Resp: 71815

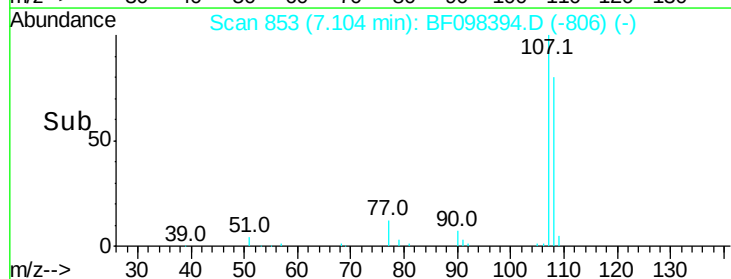
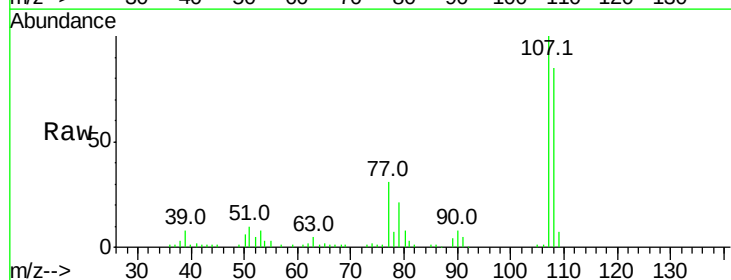
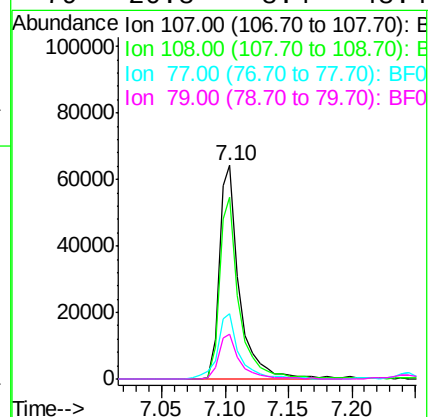
Ion Ratio Lower Upper

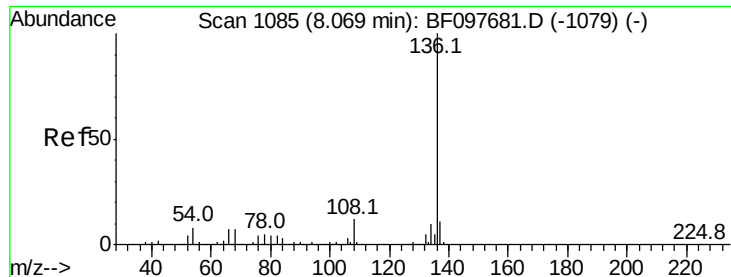
107 100

108 84.8 71.0 111.0

77 30.7 90.5 130.5#

79 20.8 8.4 48.4





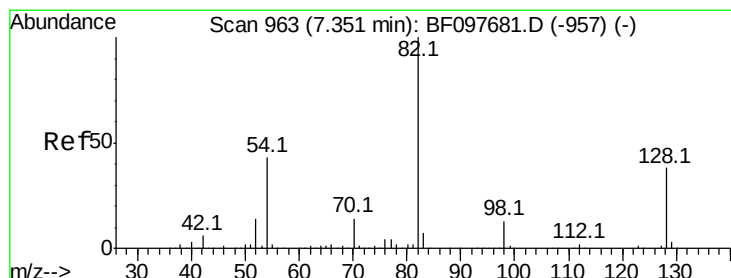
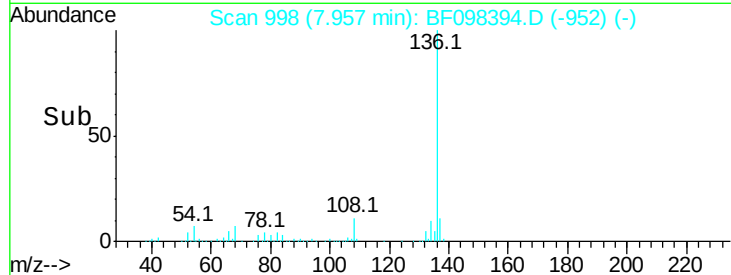
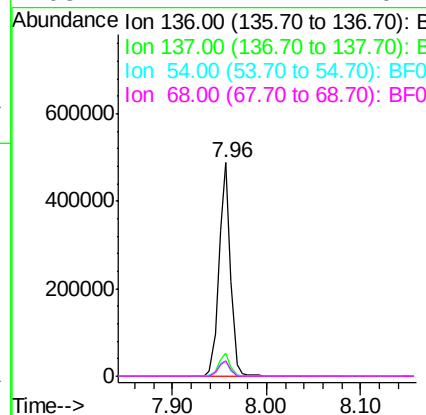
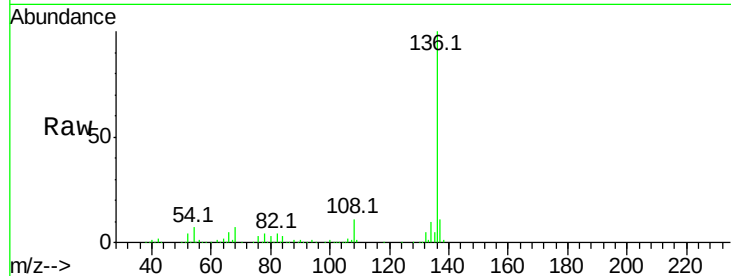
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.03 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
RL-5-13.75-27.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.0	4.9	7.3	
68	7.2	4.1	6.1	

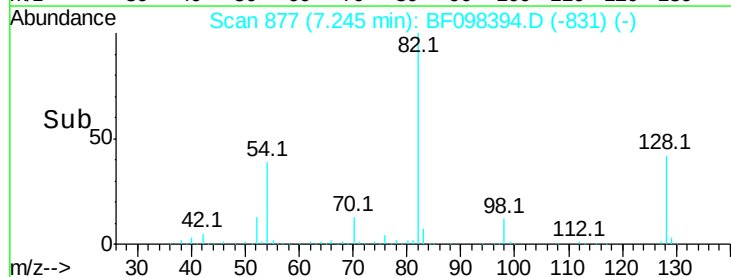
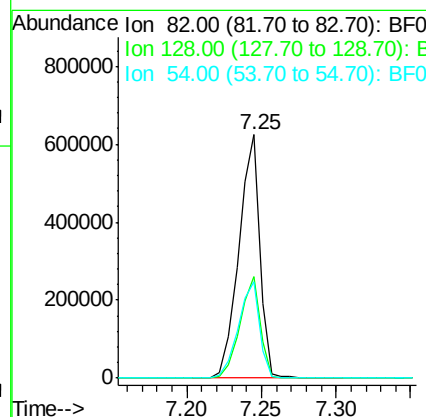
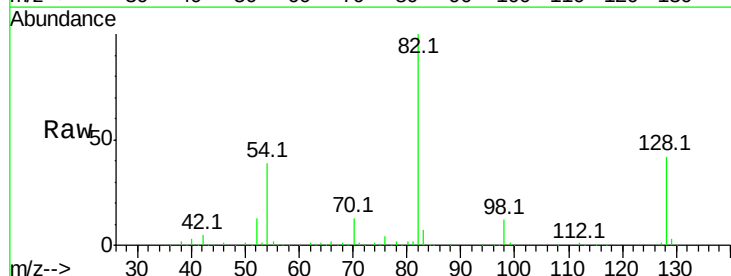
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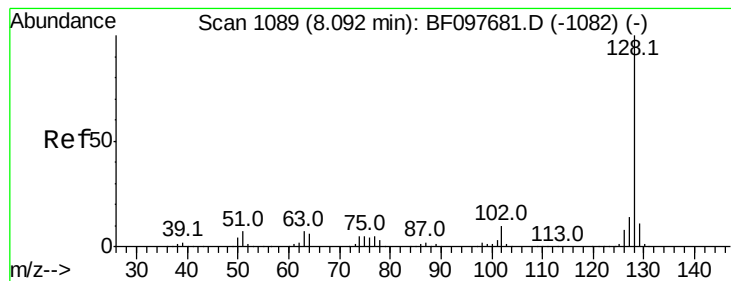
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#23
Nitrobenzene-d5
Concen: 79.494 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	34.0	51.0	
54	39.4	42.2	63.2	





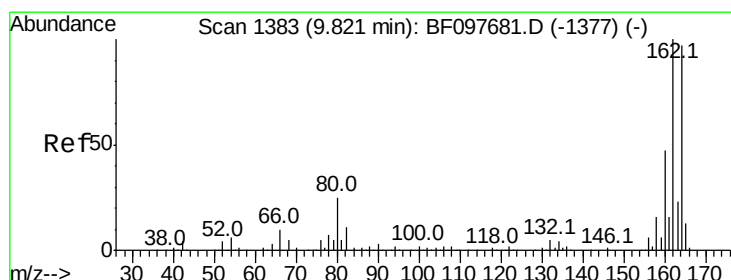
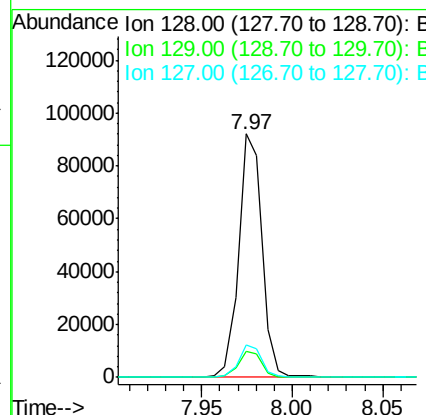
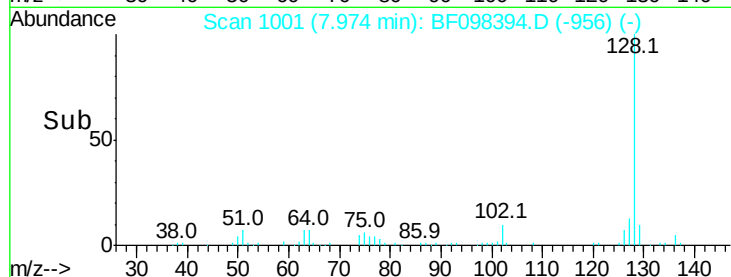
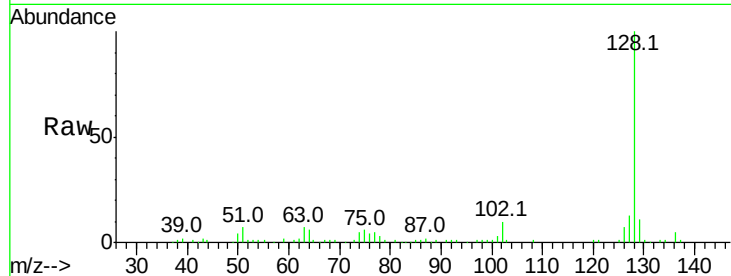
#31
Naphthalene
Concen: 3.753 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.4	10.8	16.2

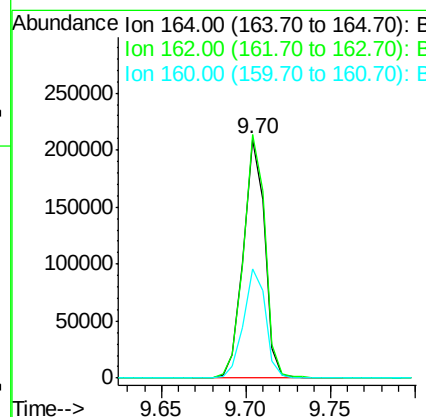
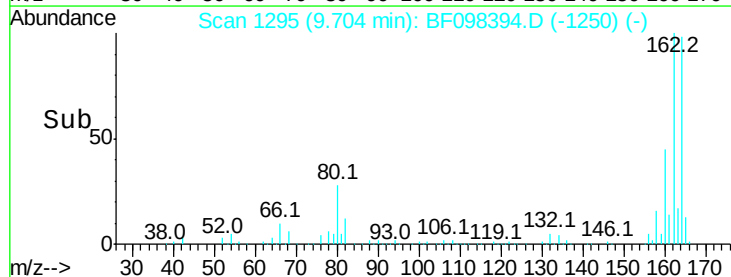
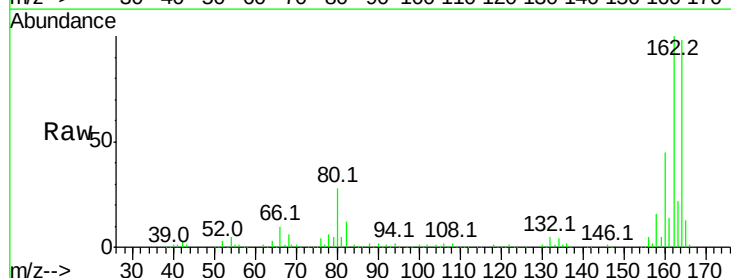
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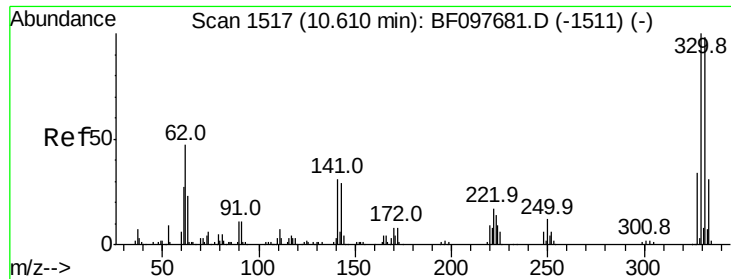
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	45.8	36.2	54.2





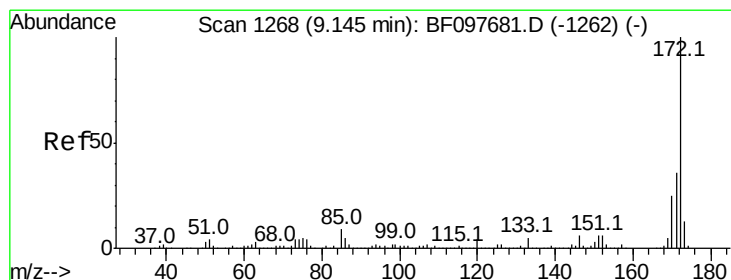
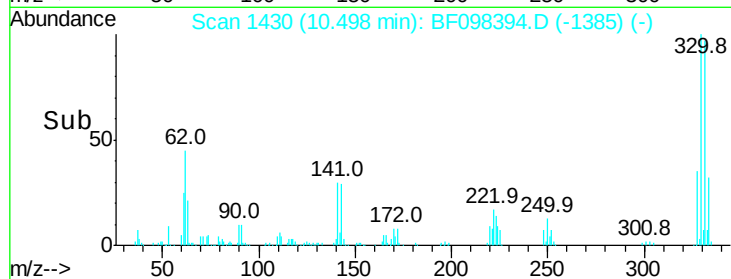
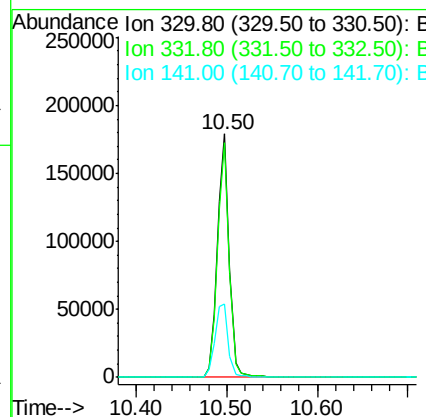
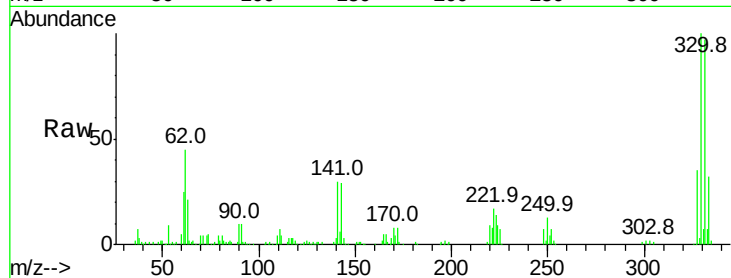
#41
 2,4,6-Tribromophenol
 Concen: 103.015 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098394.D
 Acq: 9 Sep 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-13.75-27.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164487		
332	96.2	76.6	115.0	
141	34.4	31.4	47.2	

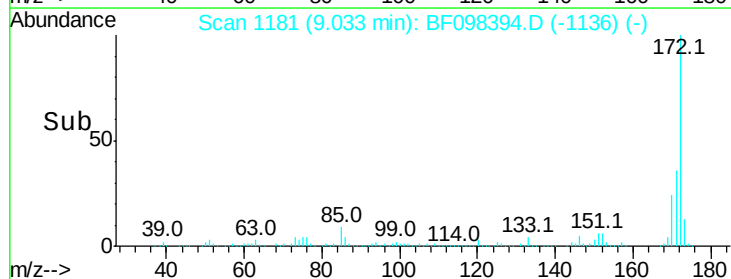
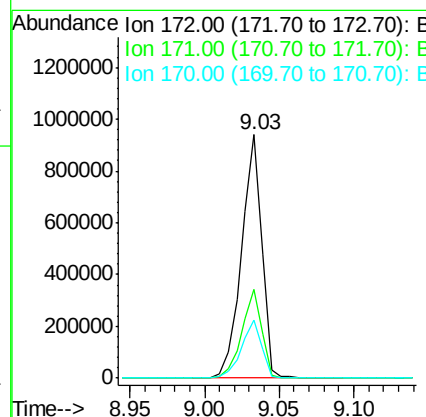
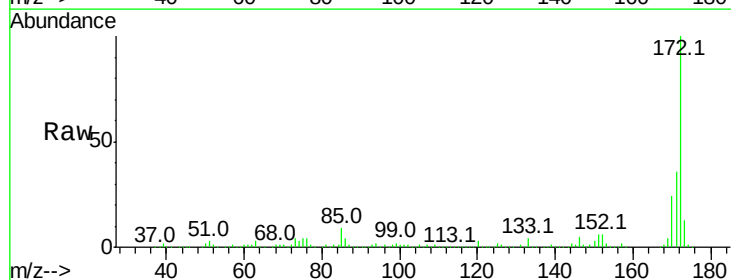
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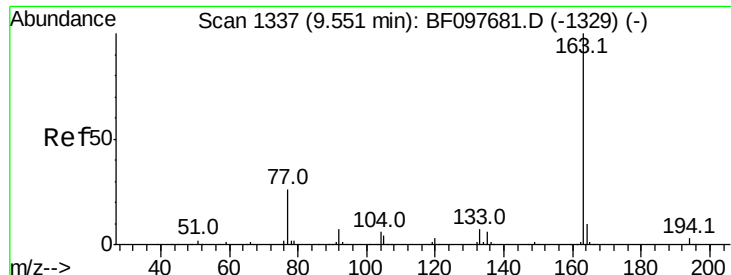
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#44
 2-Fluorobiphenyl
 Concen: 71.404 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.04 min
 Lab File: BF098394.D
 Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	894376		
171	36.2	29.6	44.4	
170	23.7	19.8	29.8	





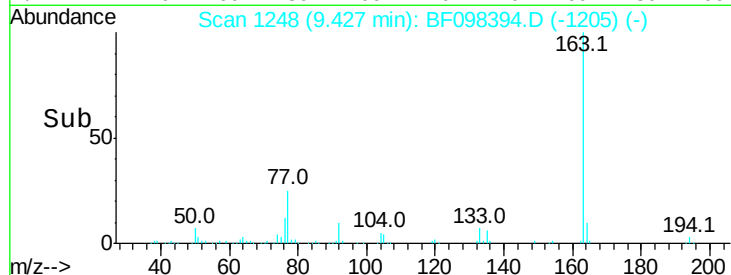
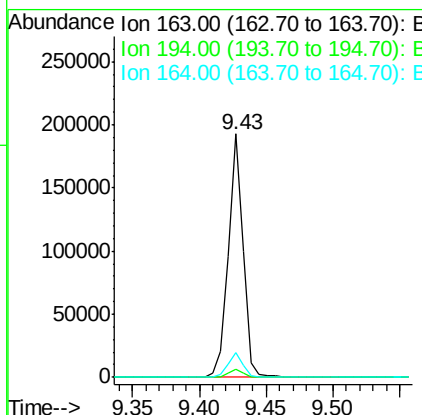
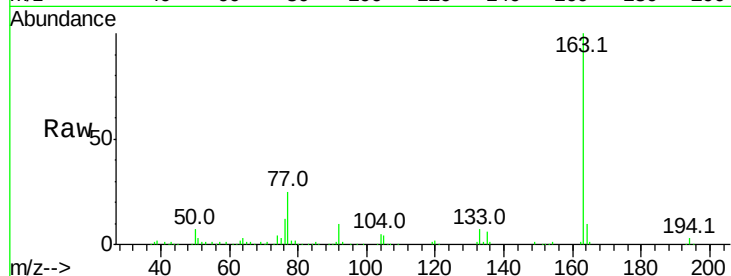
#49
Dimethylphthalate
Concen: 11.319 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampled :
RL-5-13.75-27.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	152261		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

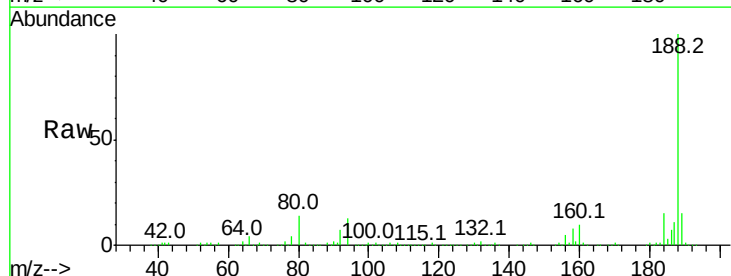
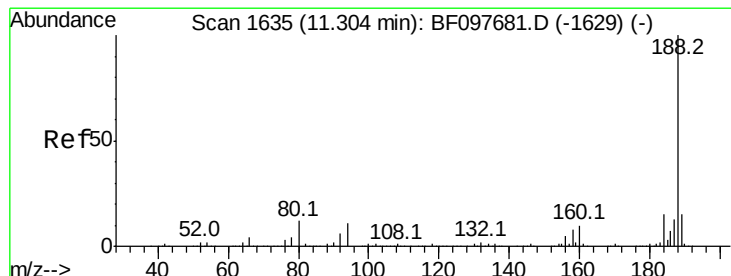
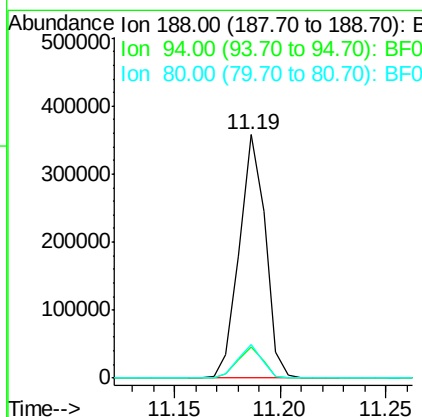
Manual Integrations
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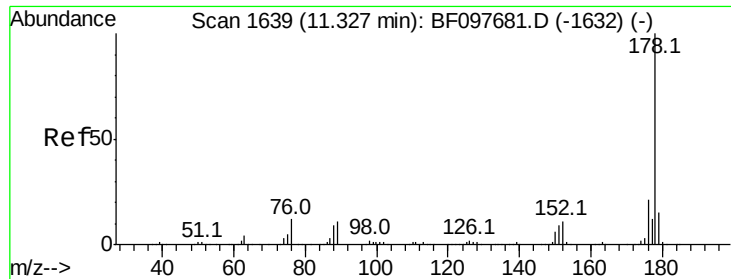
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	305083		
94	12.8	9.4	14.2	
80	13.9	10.2	15.2	





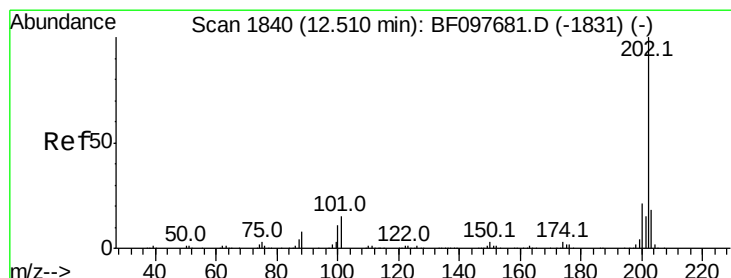
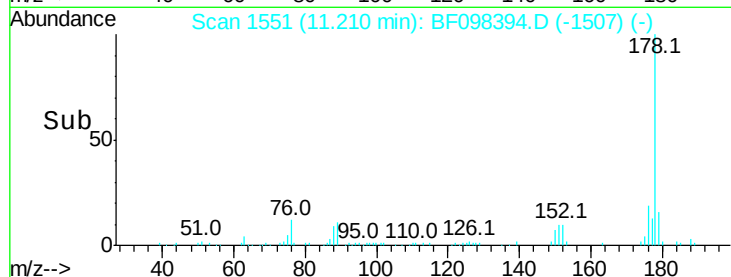
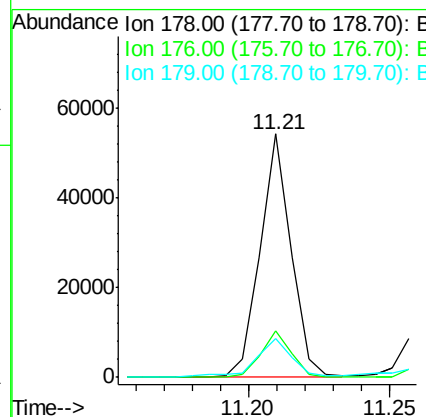
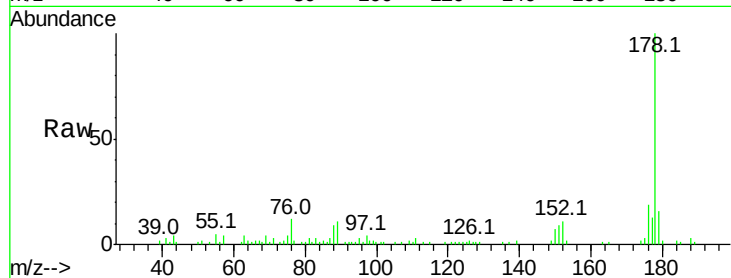
#70
Phenanthrene
Concen: 2.539 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampleId :
RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.7	12.6	19.0

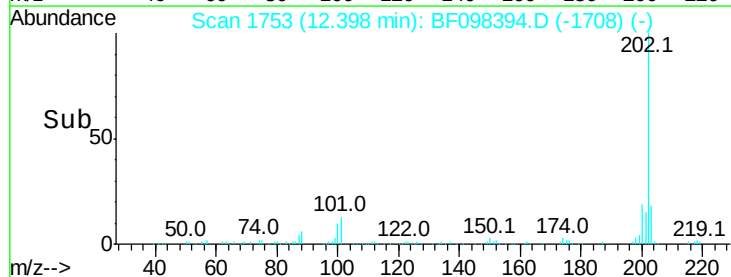
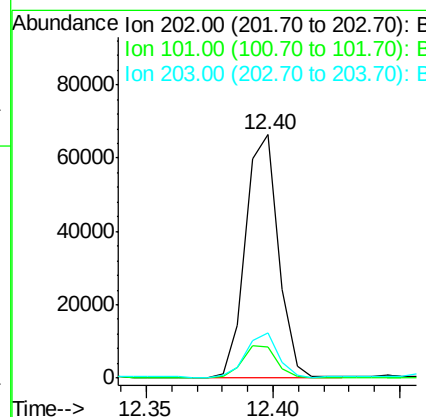
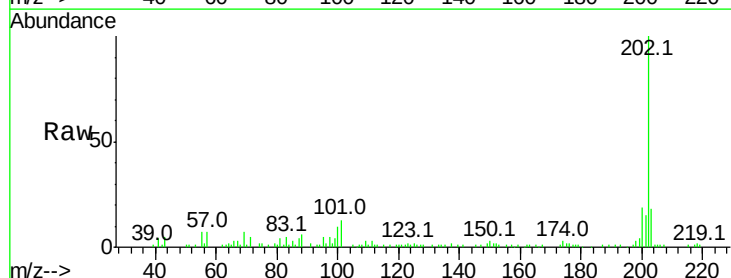
Manual Integrations
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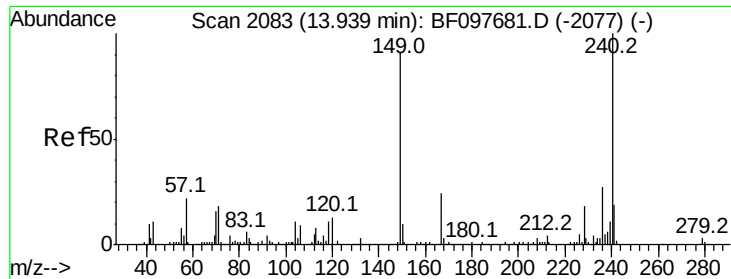
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#74
Fluoranthene
Concen: 3.548 ng
RT: 12.40 min Scan# 1753
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	18.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF098394.D

Acq: 9 Sep 2017 19:07

Instrument :

BNA_F

ClientSampleId :

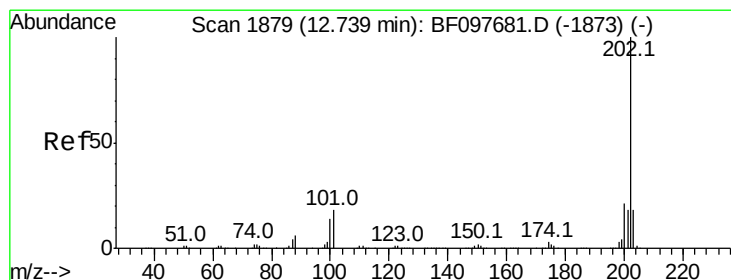
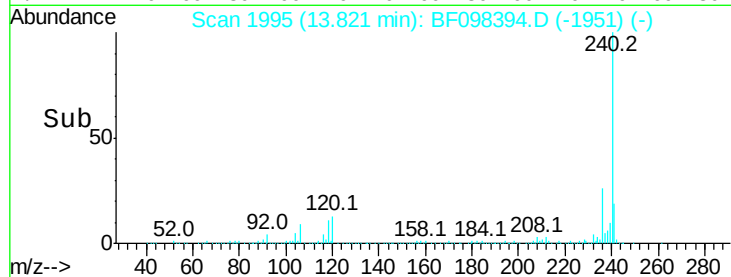
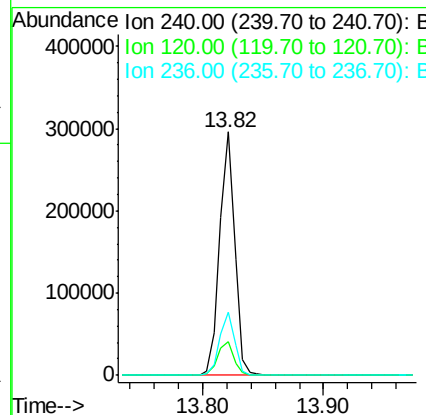
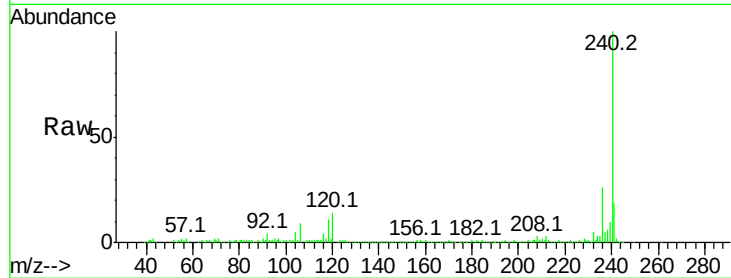
RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.8	20.5	30.7

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#77

Pyrene

Concen: 2.767 ng

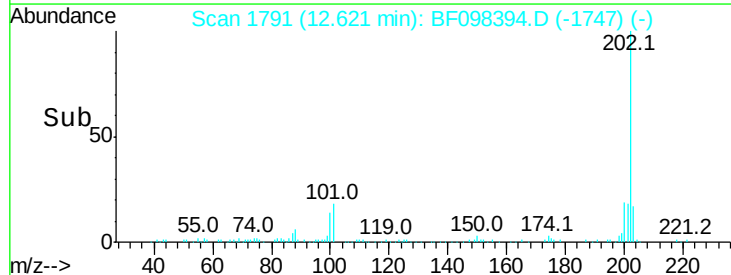
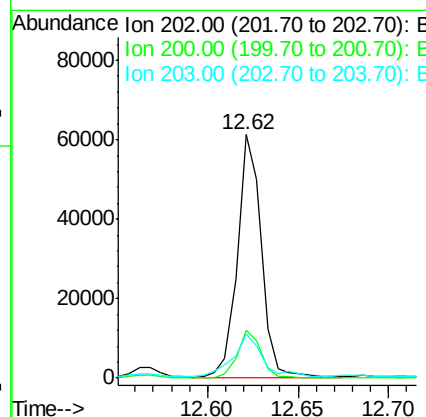
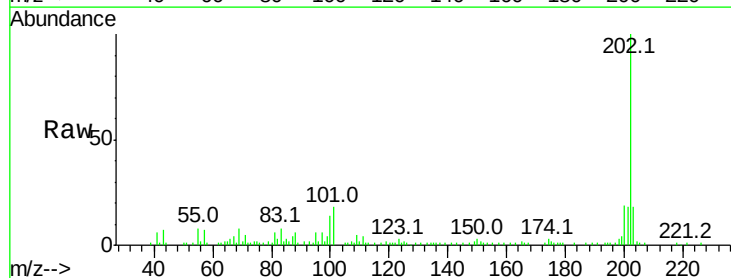
RT: 12.62 min Scan# 1791

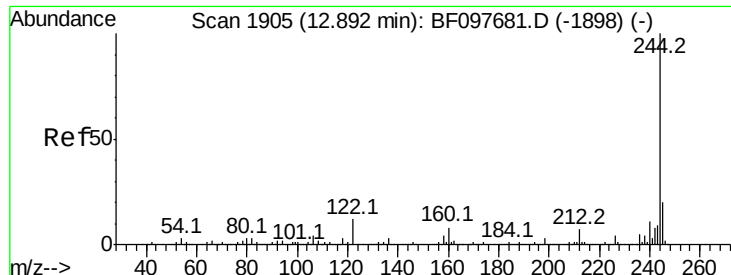
Delta R.T. -0.04 min

Lab File: BF098394.D

Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.6	26.4
203	17.8	14.4	21.6





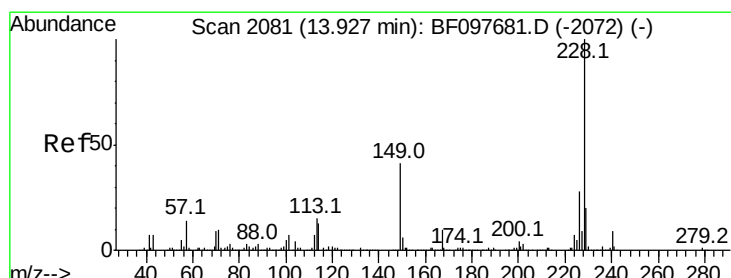
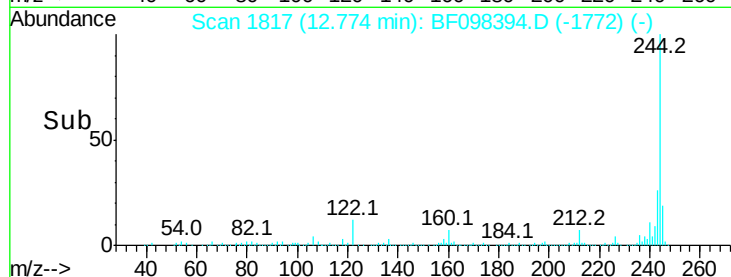
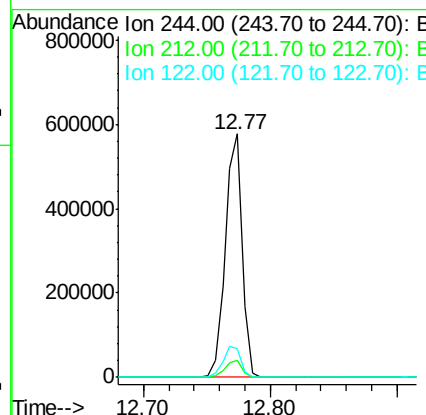
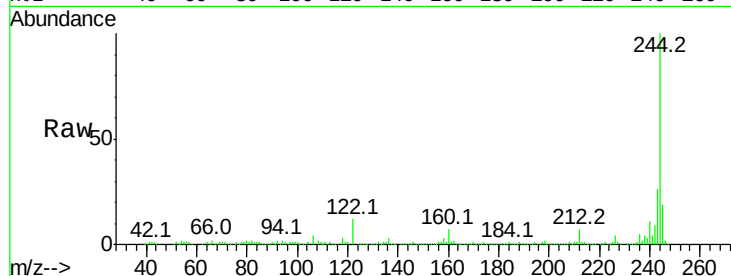
#78
 Terphenyl-d14
 Concen: 44.300 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.04 min
 Lab File: BF098394.D
 Acq: 9 Sep 2017 19:07

Instrument :
 BNA_F
 ClientSampled :
 RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	10.3	15.5

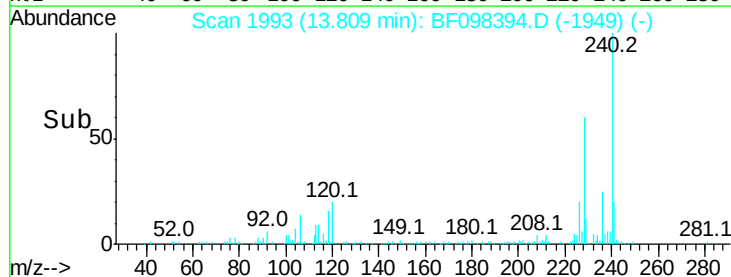
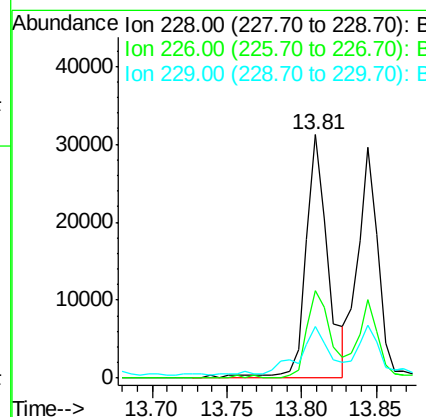
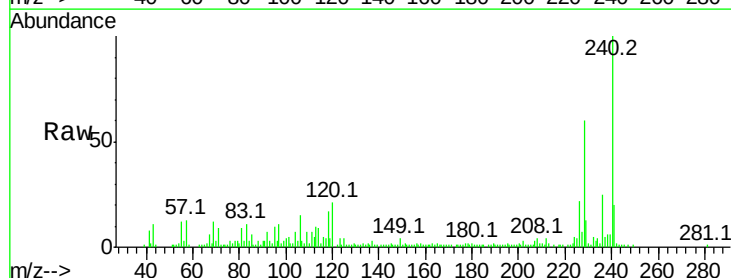
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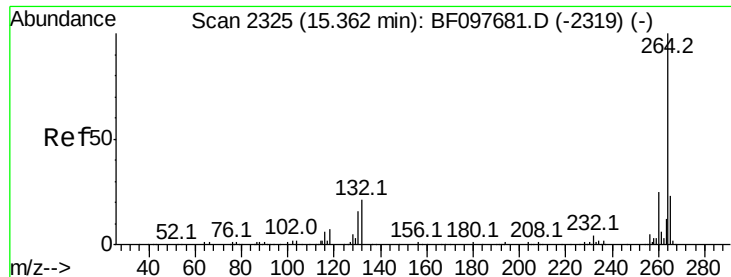
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#80
 Benzo(a)anthracene
 Concen: 2.114 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.04 min
 Lab File: BF098394.D
 Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.6	33.8#
229	21.4	16.3	24.5





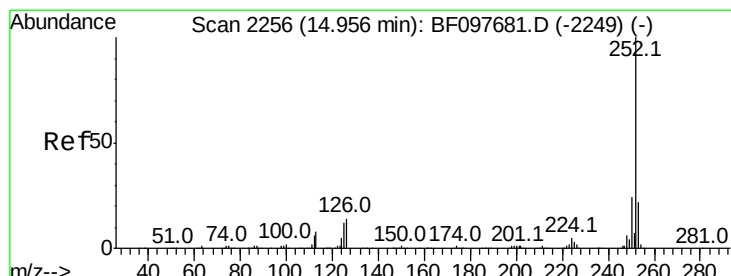
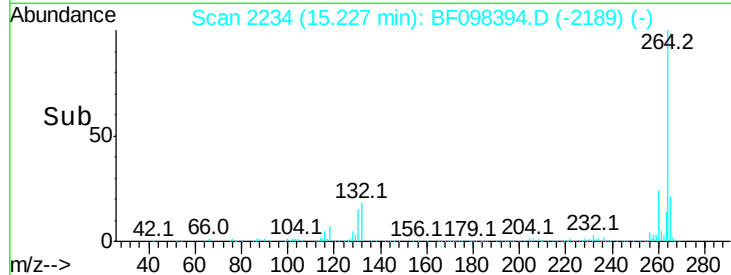
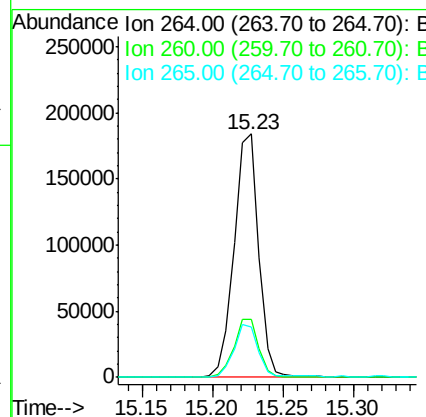
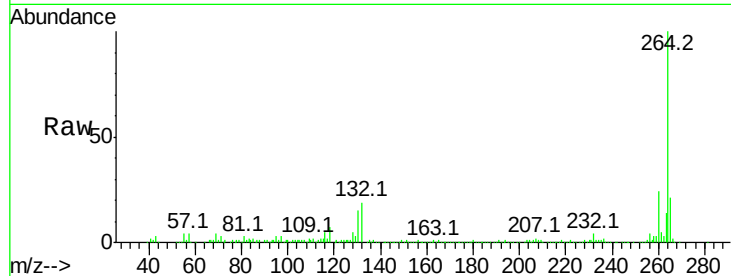
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Instrument :
BNA_F
ClientSampled :
RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.9	17.2	25.8

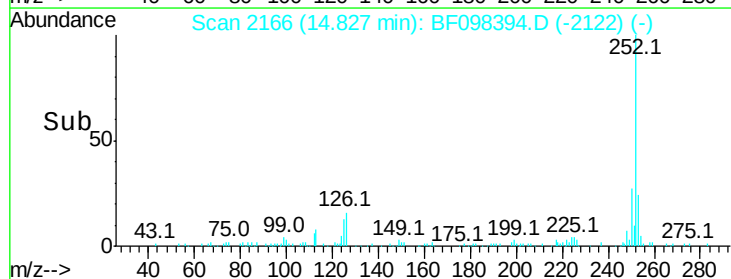
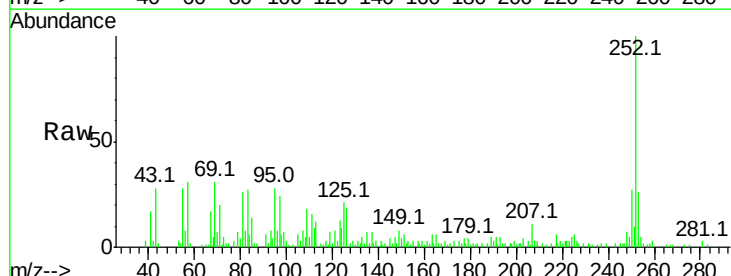
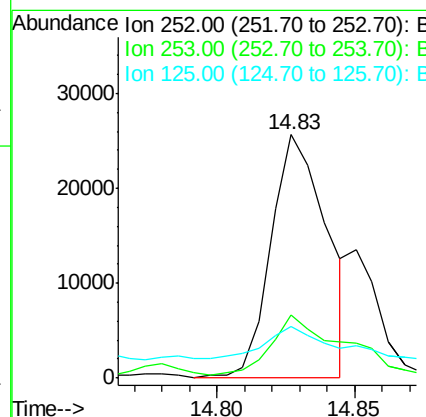
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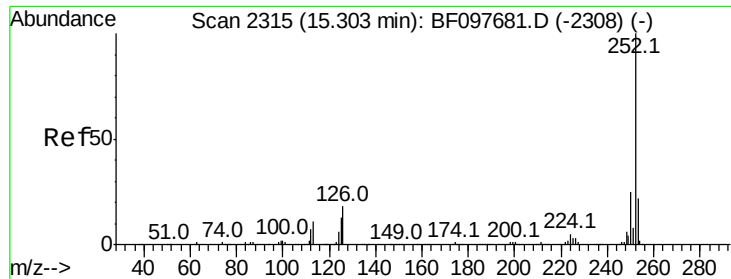
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#87
Benzo(b)fluoranthene
Concen: 2.577 ng m
RT: 14.83 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF098394.D
Acq: 9 Sep 2017 19:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	21.1	9.8	14.8#





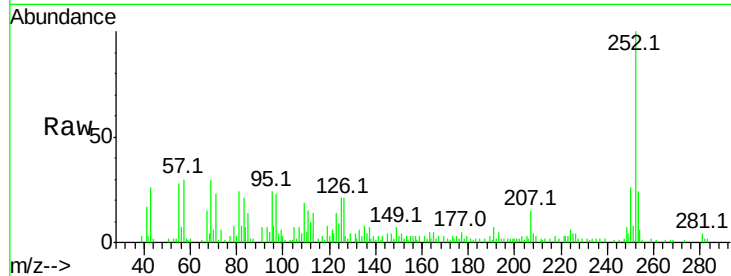
#89
 Benzo(a)pyrene
 Concen: 2.108 ng
 RT: 15.16 min Scan# 2223
 Delta R.T. -0.05 min
 Lab File: BF098394.D
 Acq: 9 Sep 2017 19:07

Instrument :
 BNA_F
 ClientSampleId :
 RL-5-13.75-27.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	21.0	11.0	16.4

Manual Integrations
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Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

