

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098465.D
 Acq On : 12 Sep 2017 22:10
 Operator : SJ/JU
 Sample : I5140-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-9-15-30

Manual Integrations
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Sohil
 9/13/2017 5:00:16 PM

Quant Time: Sep 13 02:15:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	192322	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	752582	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	292641	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	458101	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	354337	20.00	ng	0.00
86) Perylene-d12	15.21	264	290969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1568476	120.58	ng	0.00
7) Phenol-d6	6.32	99	1916137	116.02	ng	0.00
23) Nitrobenzene-d5	7.23	82	1096054	81.19	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	225636	115.52	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1401757	81.19	ng	-0.01
78) Terphenyl-d14	12.76	244	873033	53.18	ng	0.00
Target Compounds						
10) Phenol	6.33	94	47769	2.490	ng	85
20) 3+4-Methylphenols	7.09	107	89687	6.093	ng	# 57
31) Naphthalene	7.97	128	109201	2.935	ng	99
49) Dimethylphthalate	9.42	163	244227	10.781	ng	100
74) Fluoranthene	12.39	202	58520	2.407	ng	96
77) Pyrene	12.62	202	56280	2.013	ng	97

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

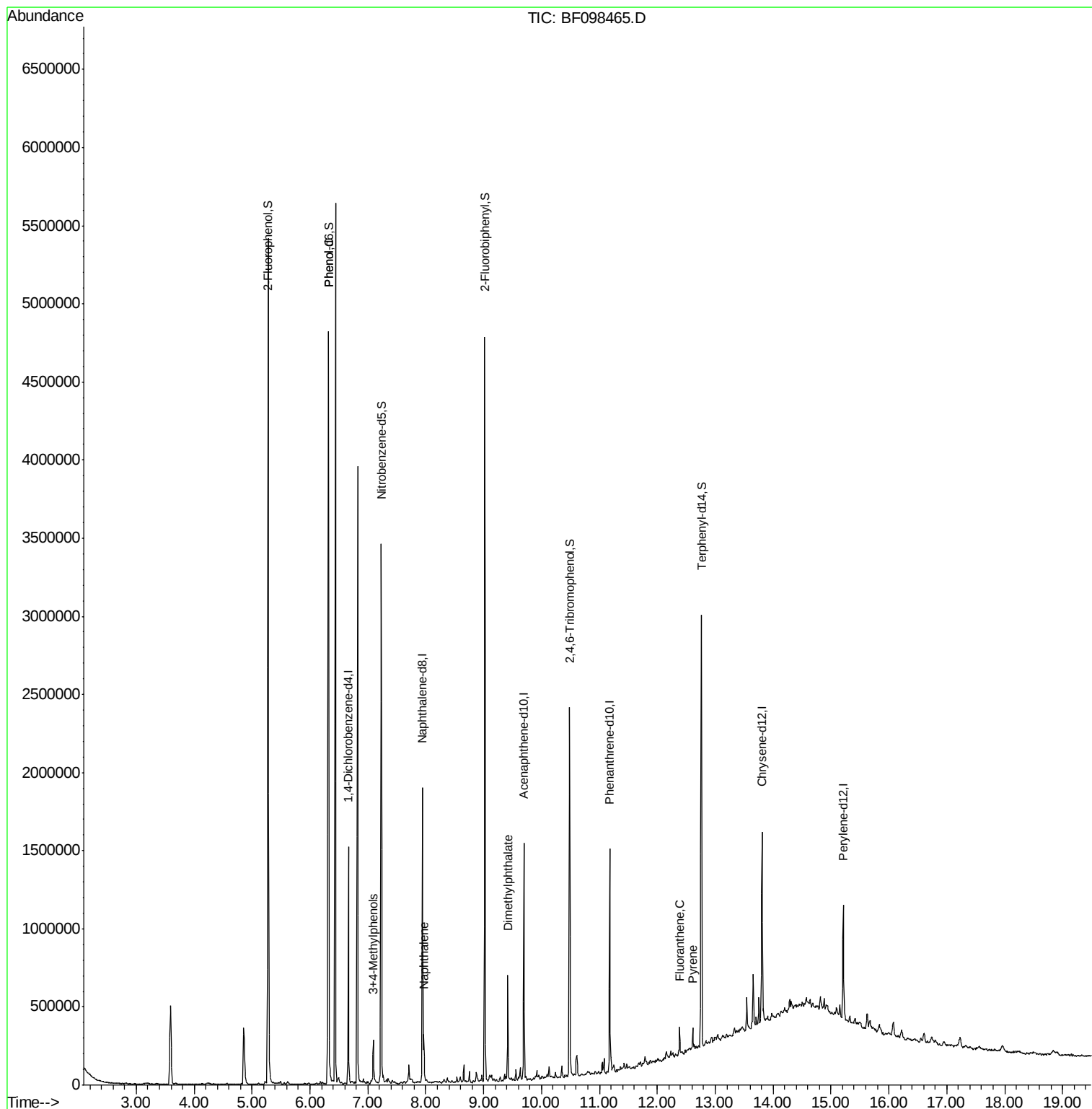
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098465.D
Acq On : 12 Sep 2017 22:10
Operator : SJ/JU
Sample : I5140-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

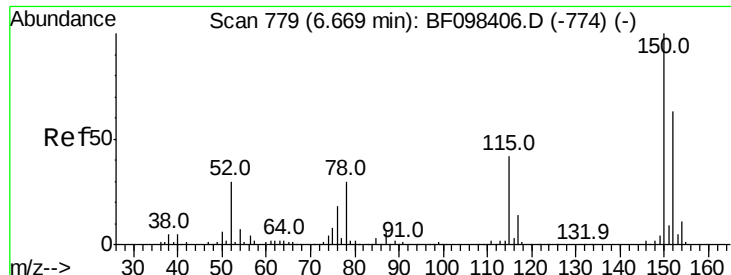
Instrument :
BNA_F
ClientSampleId :
RL-9-15-30

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Quant Time: Sep 13 02:15:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration





#1

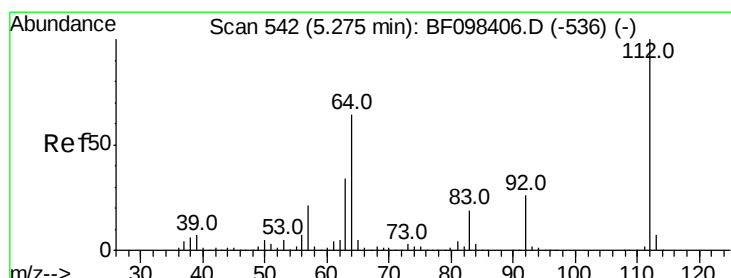
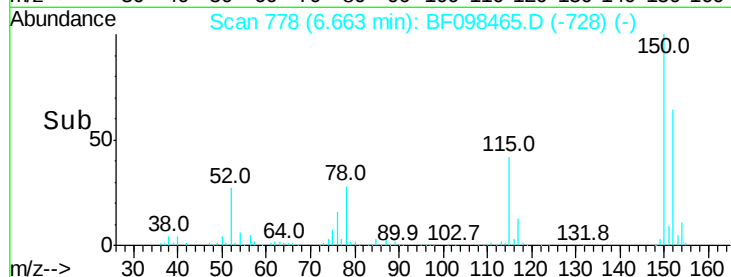
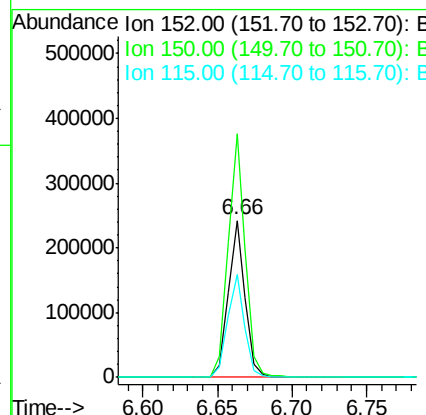
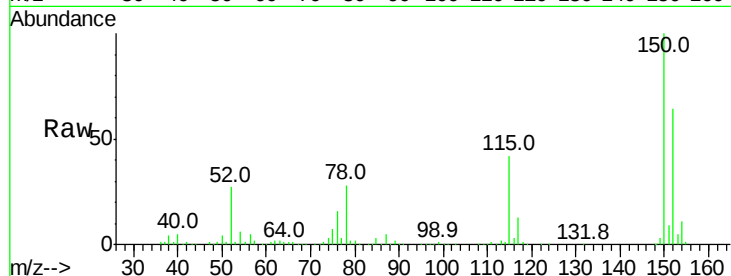
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098465.D
 Acq: 12 Sep 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-9-15-30

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	65.8	52.2	78.2

Manual Integrations
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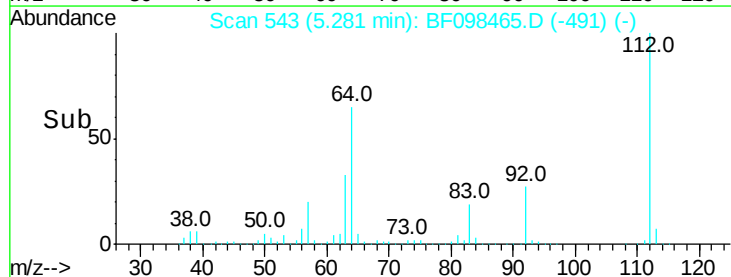
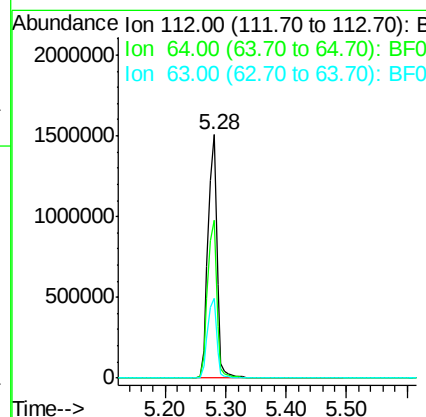
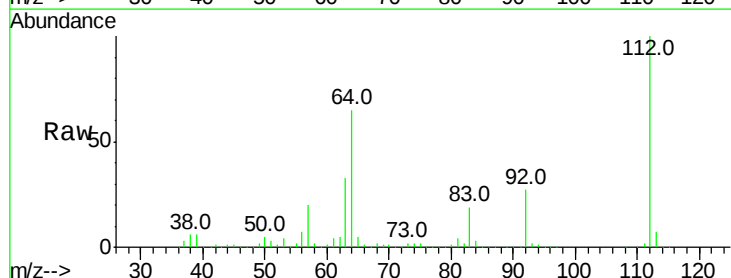
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#5

2-Fluorophenol
 Concen: 120.581 ng
 RT: 5.28 min Scan# 543
 Delta R.T. 0.01 min
 Lab File: BF098465.D
 Acq: 12 Sep 2017 22:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.0	69.0
63	32.9	23.4	35.0





#7

Phenol-d6

Concen: 116.021 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Instrument :

BNA_F

ClientSampled :

RL-9-15-30

Tot Ion: 99 Resp: 1916137

Ion Ratio Lower Upper

99 100

42 18.1 13.5 20.3

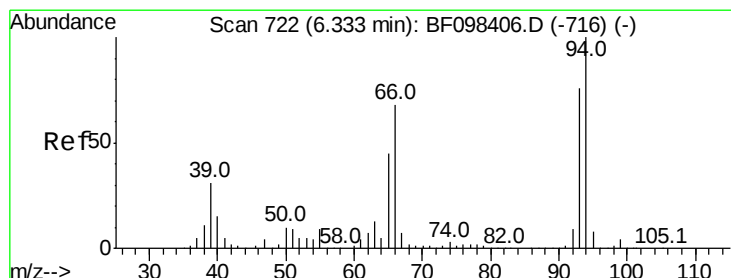
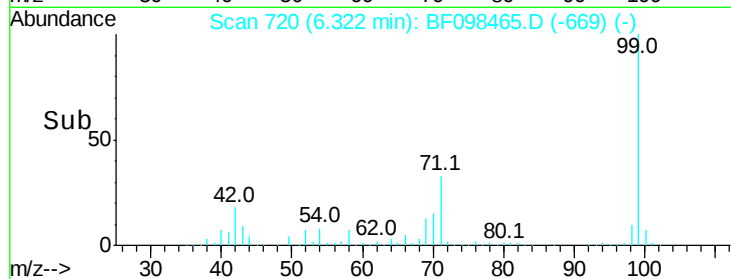
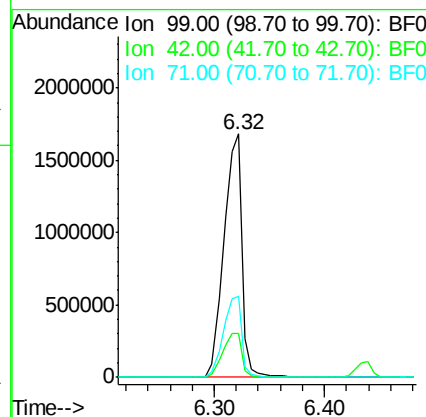
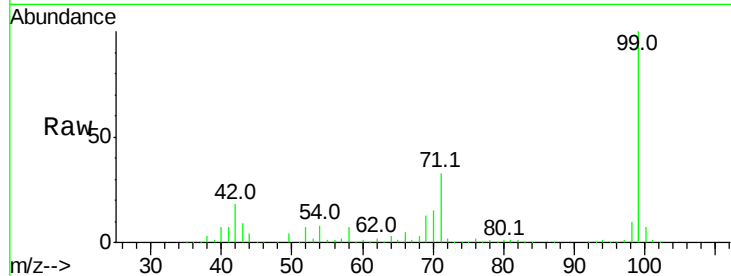
71 33.3 24.5 36.7

Manual Integrations

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#10

Phenol

Concen: 2.490 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

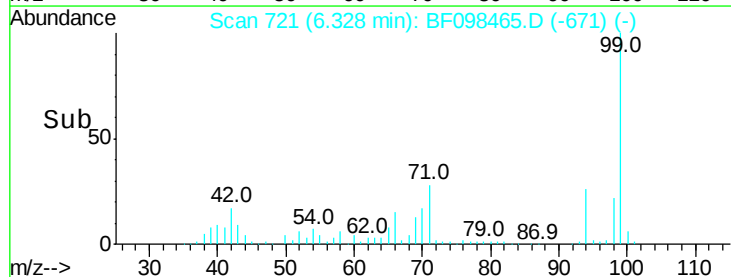
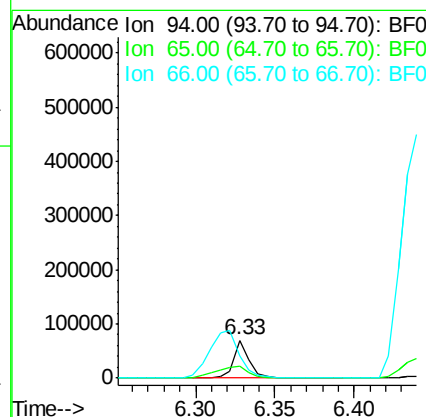
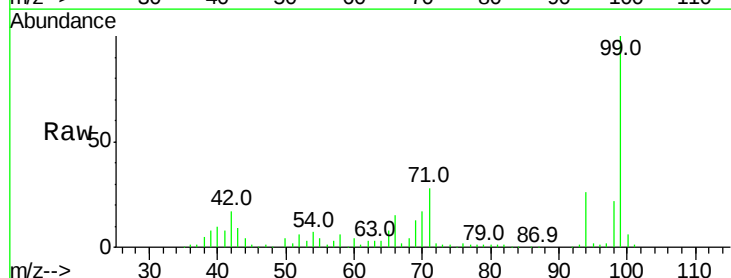
Tgt Ion: 94 Resp: 47769

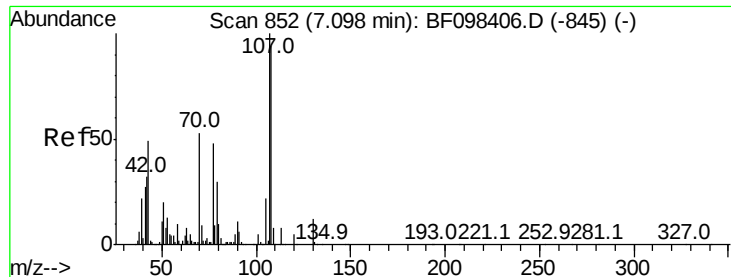
Ion Ratio Lower Upper

94 100

65 32.0 9.9 49.9

66 57.4 23.1 63.1





#20

3+4-Methylphenols

Concen: 6.093 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Instrument :

BNA_F

ClientSampleId :

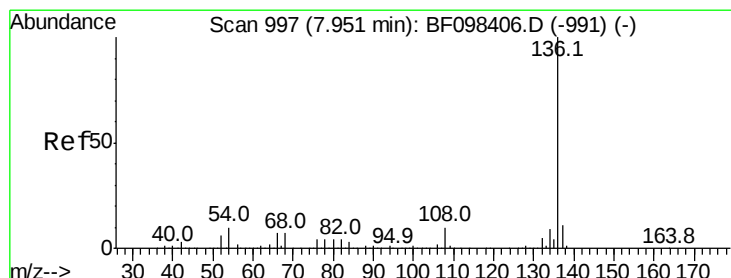
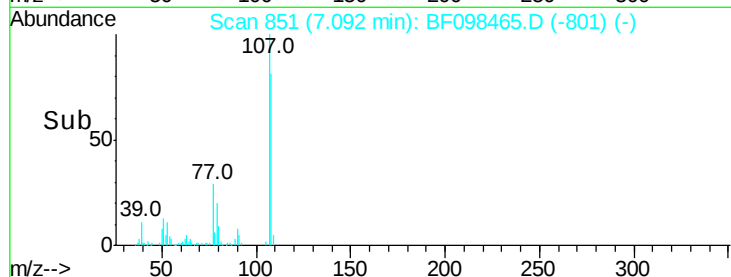
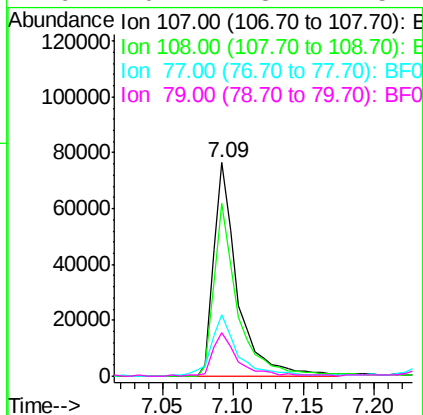
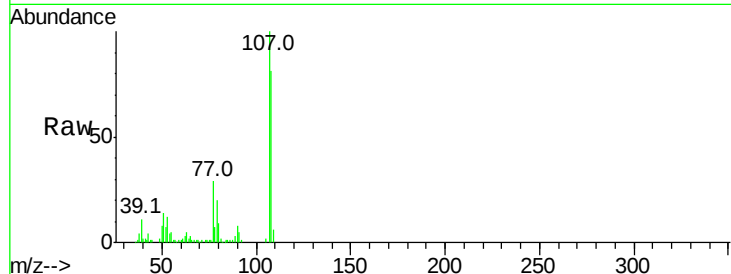
RL-9-15-30

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	81.2	71.0	111.0	
77	28.7	90.5	130.5#	
79	20.2	8.4	48.4	

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#21

Naphthalene-d8

Concen: 20.000 ng

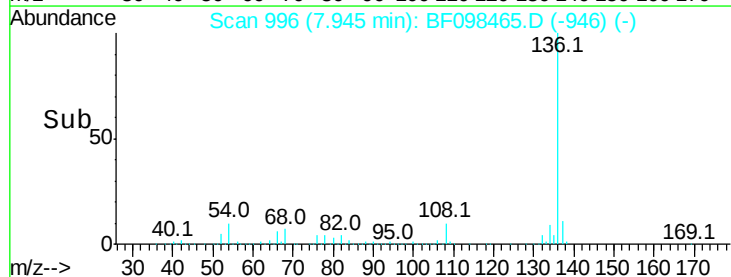
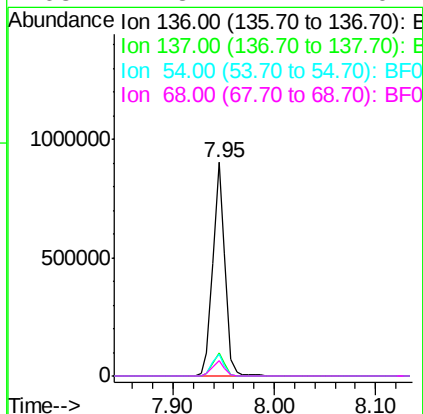
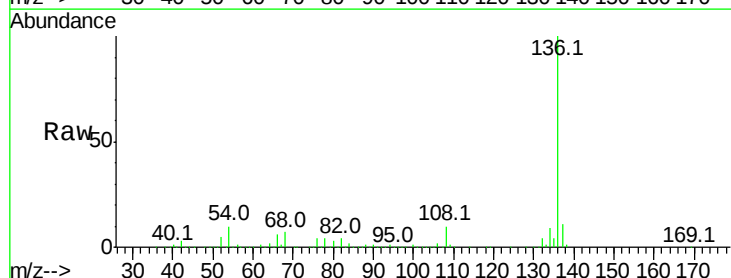
RT: 7.95 min Scan# 996

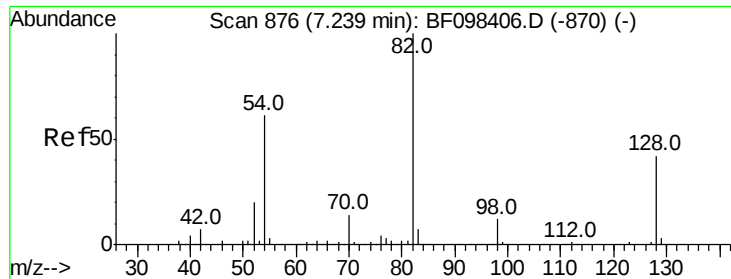
Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	10.3	4.9	7.3#	
68	7.3	4.1	6.1#	





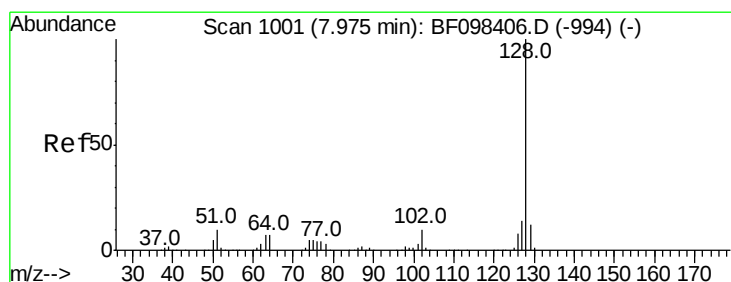
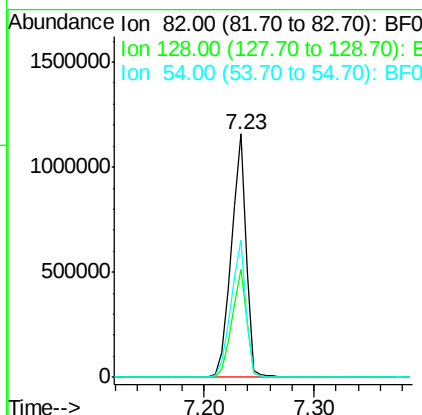
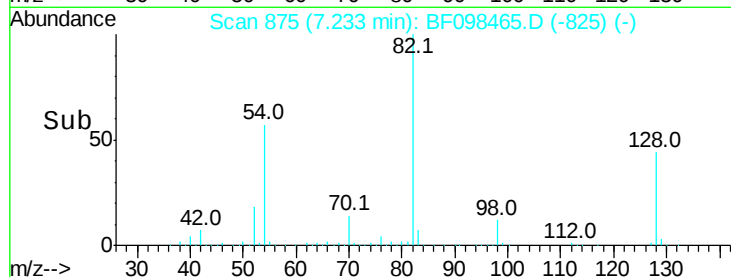
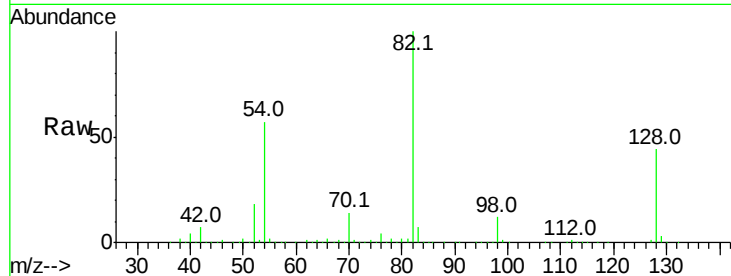
#23
Nitrobenzene-d5
Concen: 81.193 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF098465.D
Acq: 12 Sep 2017 22:10

Instrument :
BNA_F
ClientSampleId :
RL-9-15-30

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	56.6	42.2	63.2

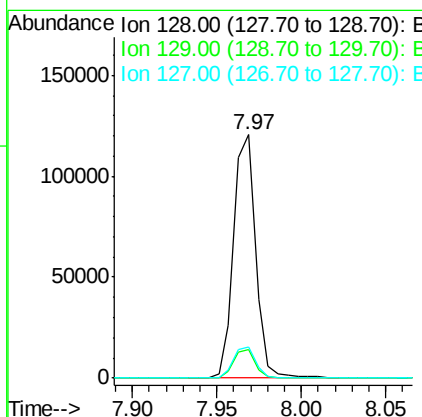
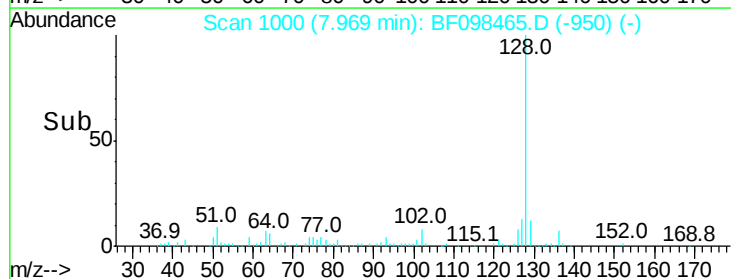
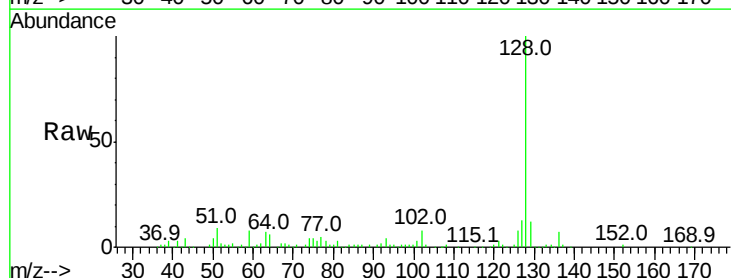
Manual Integrations
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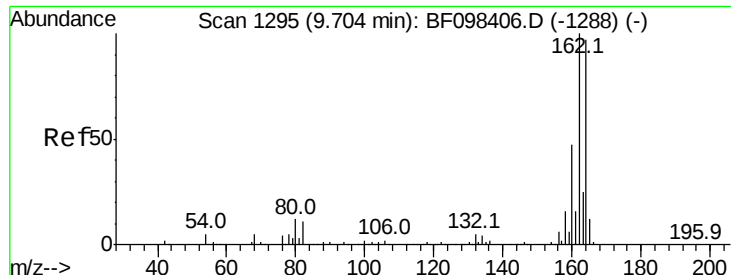
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#31
Naphthalene
Concen: 2.935 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF098465.D
Acq: 12 Sep 2017 22:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	12.7	10.8	16.2





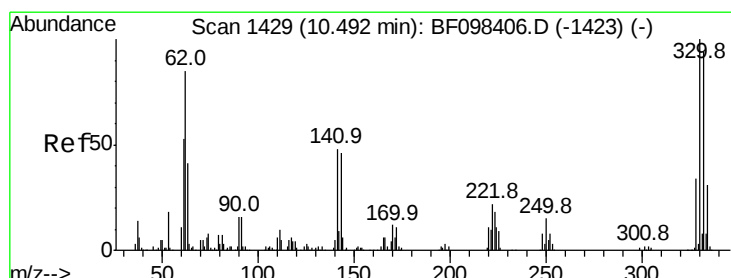
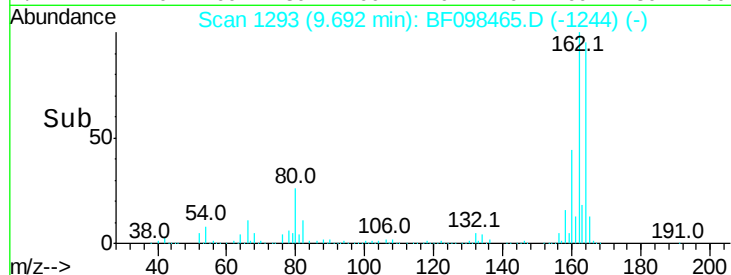
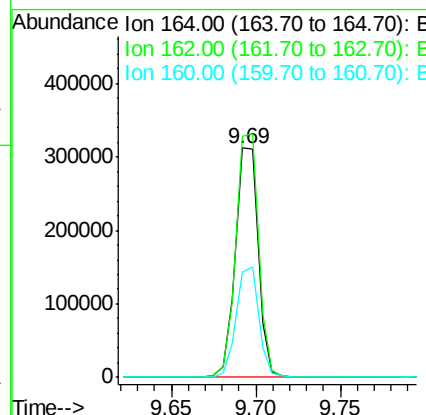
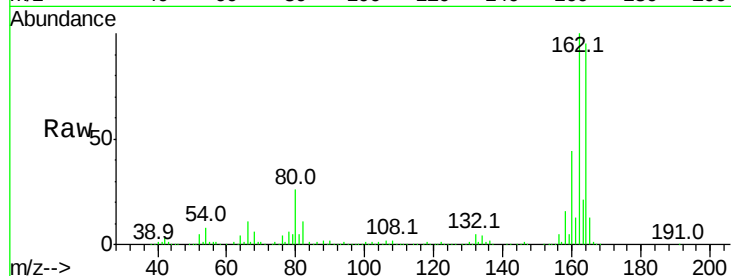
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098465.D
 Acq: 12 Sep 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 RL-9-15-30

Tot Ion	Ratio	Resp	Lower	Upper
164	100	292641		
162	104.8	82.6	123.8	
160	45.7	36.2	54.2	

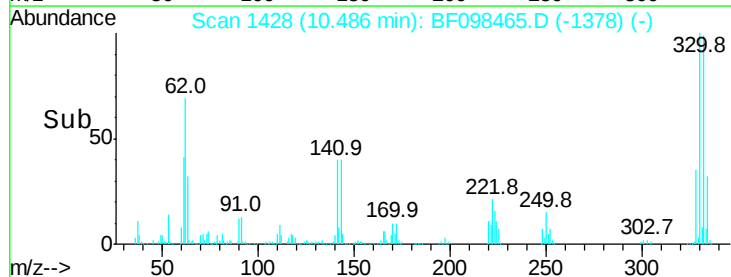
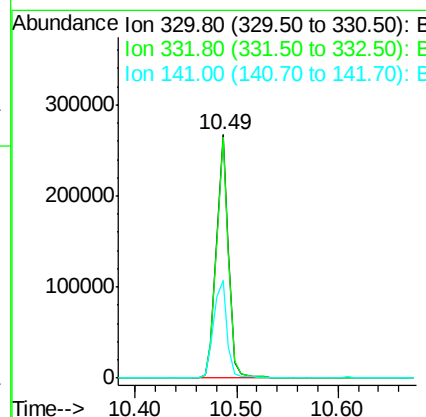
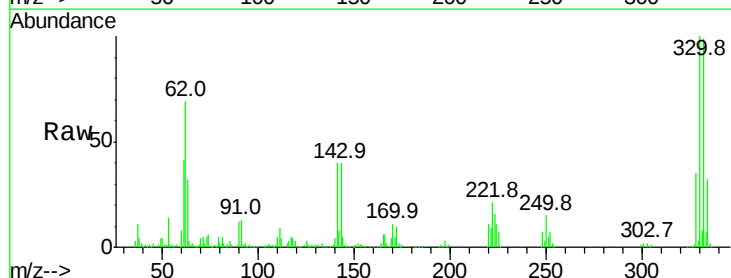
Manual Integrations
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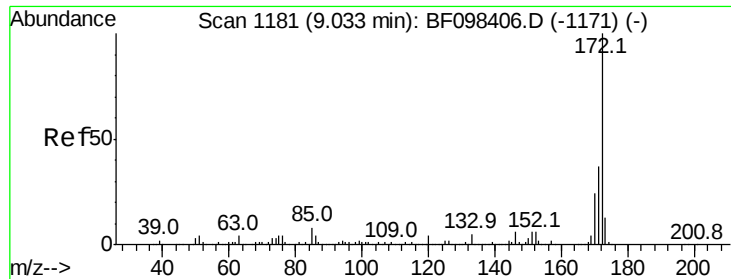
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#41
 2,4,6-Tribromophenol
 Concen: 115.525 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098465.D
 Acq: 12 Sep 2017 22:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	225636		
332	97.5	76.6	115.0	
141	44.7	31.4	47.2	





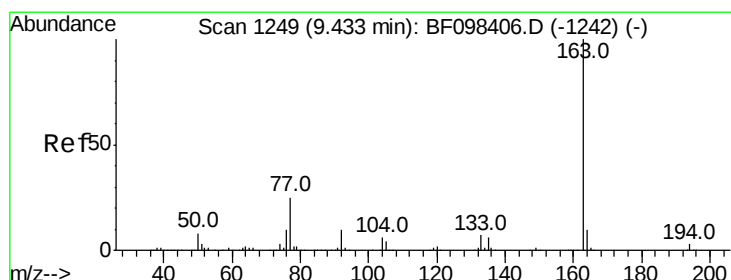
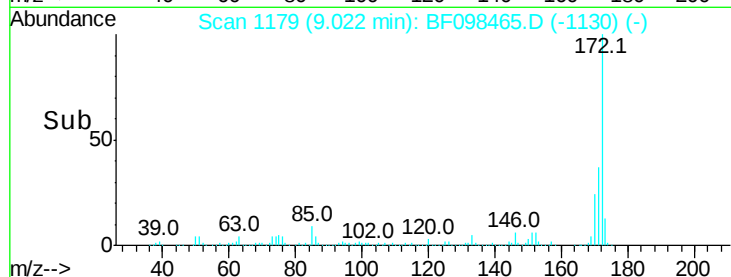
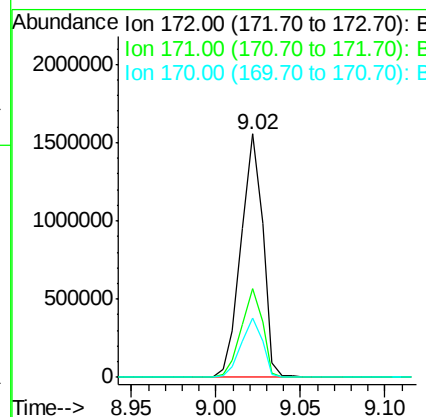
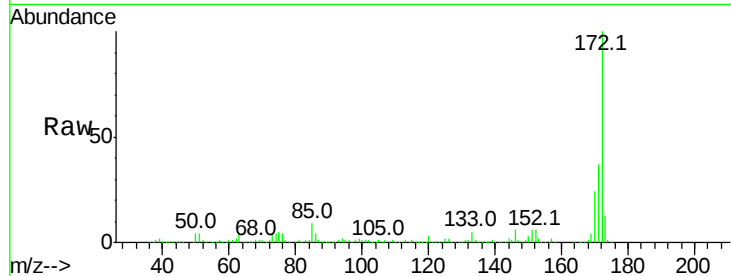
#44
2-Fluorobiphenyl
Concen: 81.187 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098465.D
Acq: 12 Sep 2017 22:10

Instrument :
BNA_F
ClientSampleId :
RL-9-15-30

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.1	19.8	29.8

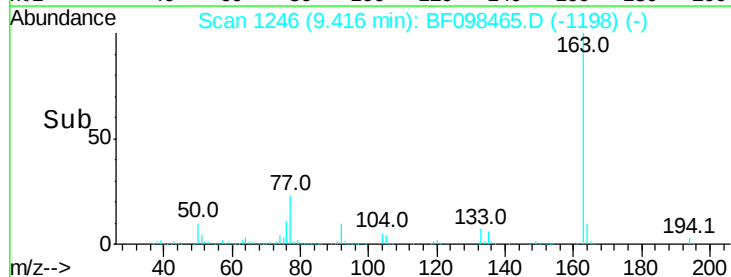
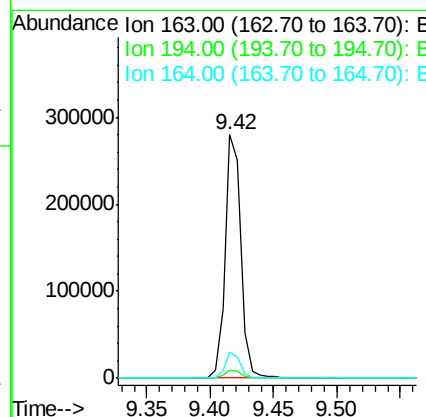
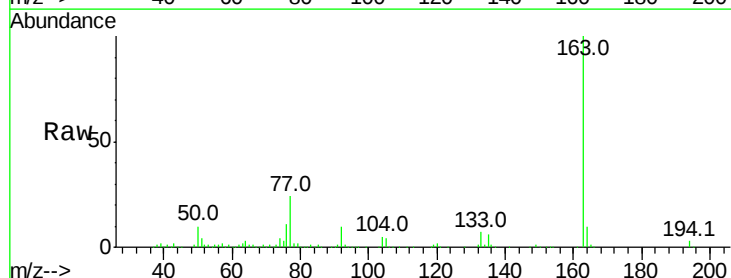
Manual Integrations
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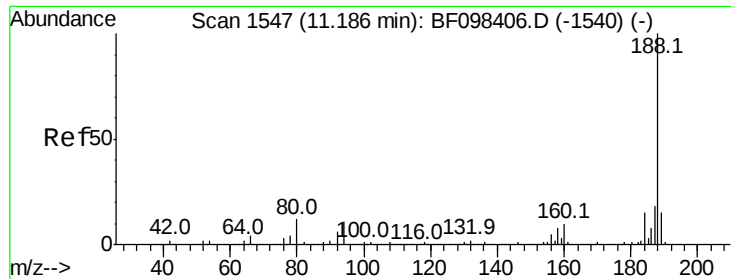
Sohil
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#49
Dimethylphthalate
Concen: 10.781 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098465.D
Acq: 12 Sep 2017 22:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Instrument :

BNA_F

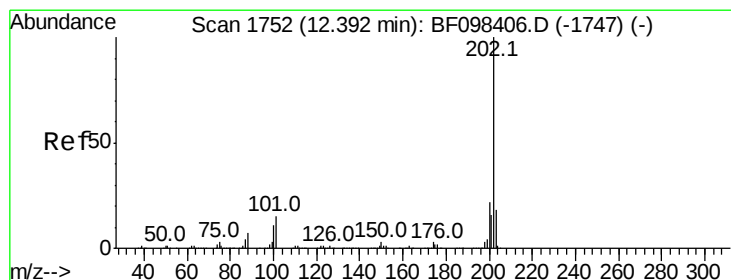
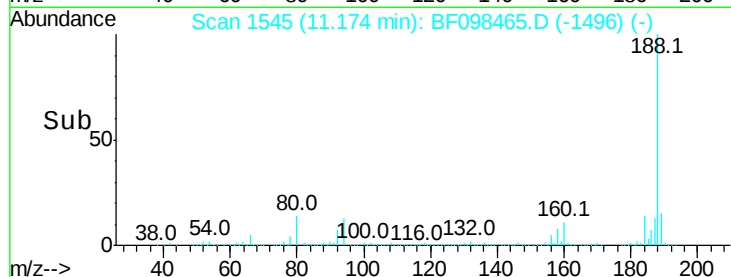
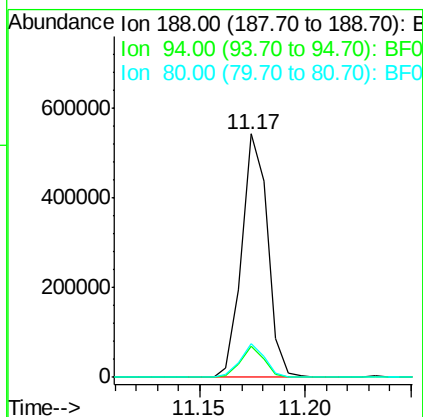
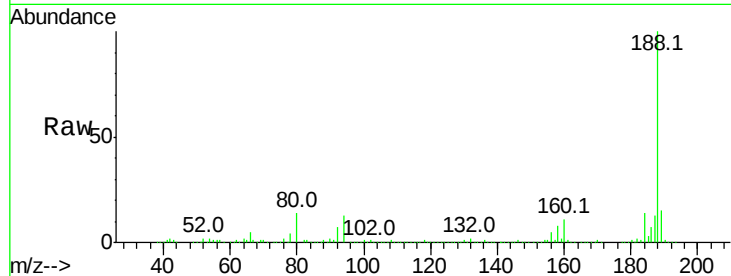
ClientSampleId :

RL-9-15-30

Tot Ion:	188	Resp:	458101
Ion Ratio	Lower	Upper	
188	100		
94	12.9	9.4	14.2
80	13.6	10.2	15.2

Manual Integrations
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#74

Fluoranthene

Concen: 2.407 ng

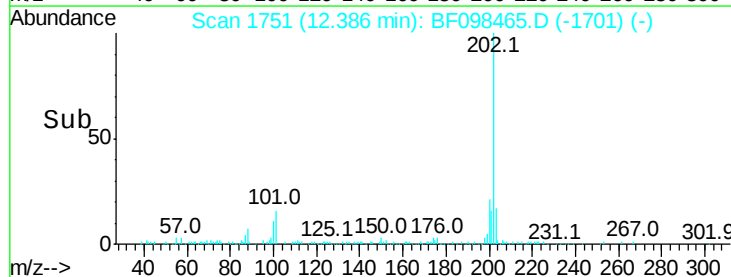
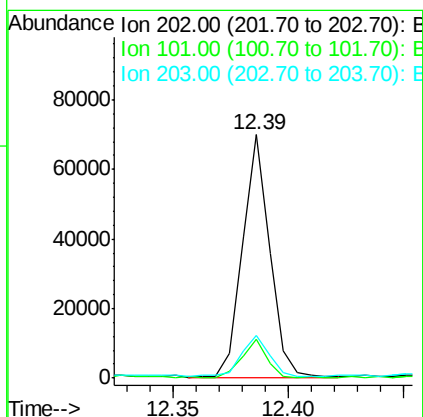
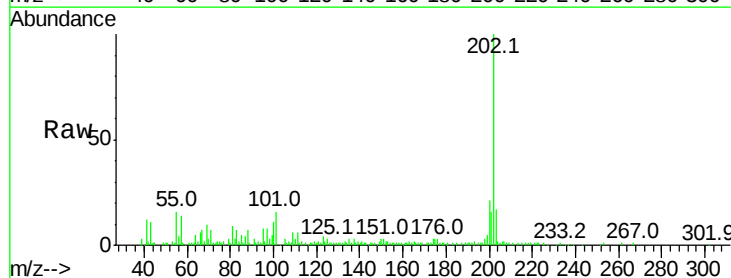
RT: 12.39 min Scan# 1751

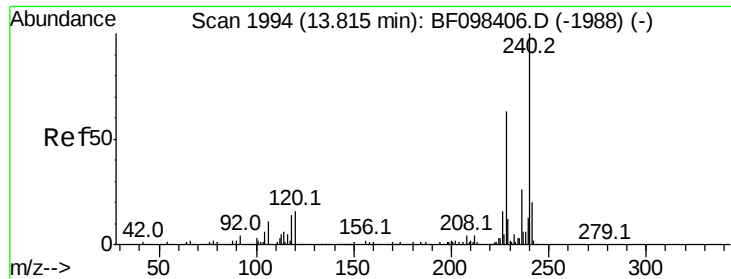
Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Tgt Ion:	202	Resp:	58520
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Instrument :

BNA_F

ClientSampled :

RL-9-15-30

Tot Ion:240 Resp: 354337
Ion Ratio Lower Upper

240 100

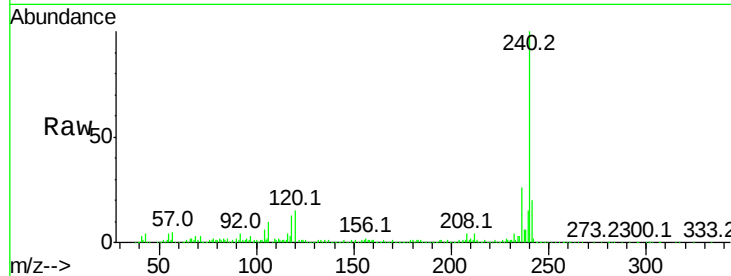
120 14.8 5.8 8.8#

236 26.3 20.5 30.7

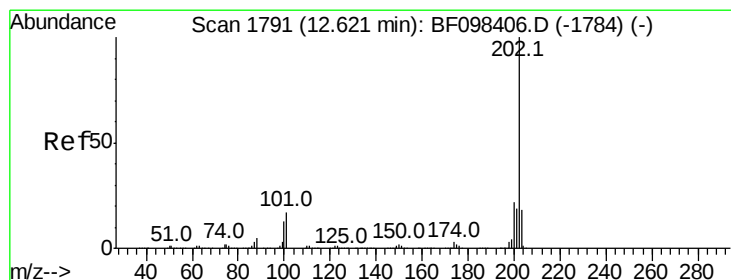
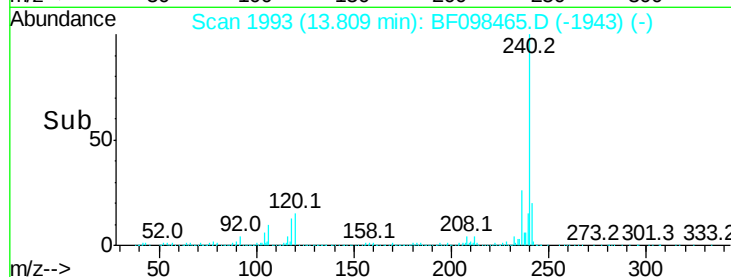
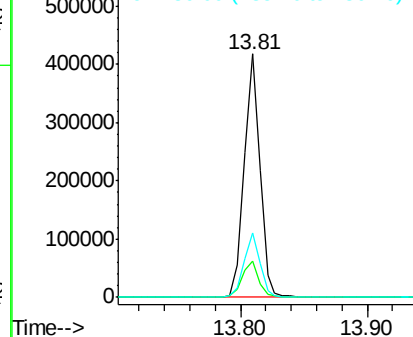
Manual Integrations
APPROVED

Sohil

9/13/2017 5:00:16 PM



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



#77

Pyrene

Concen: 2.013 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF098465.D

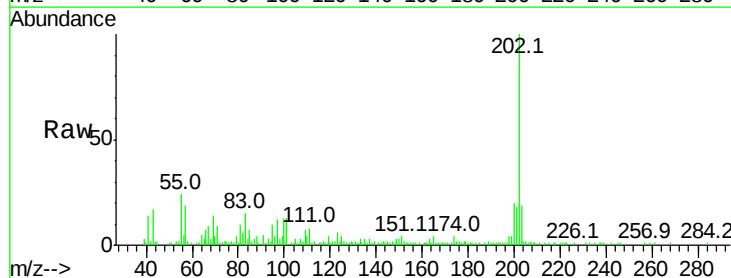
Acq: 12 Sep 2017 22:10

Tgt Ion:202 Resp: 56280
Ion Ratio Lower Upper

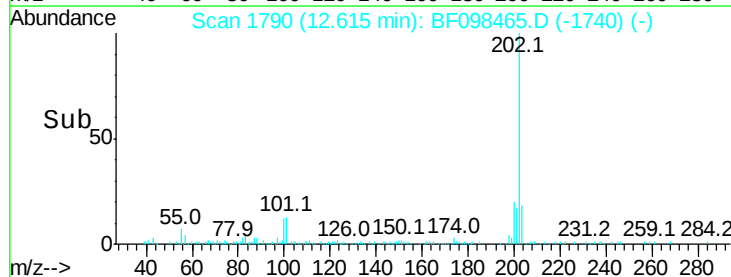
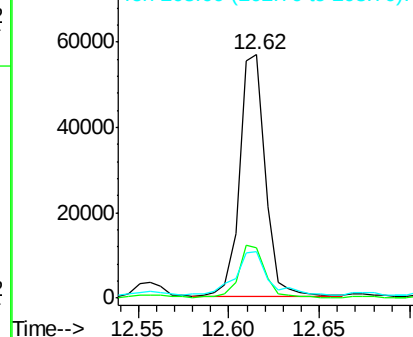
202 100

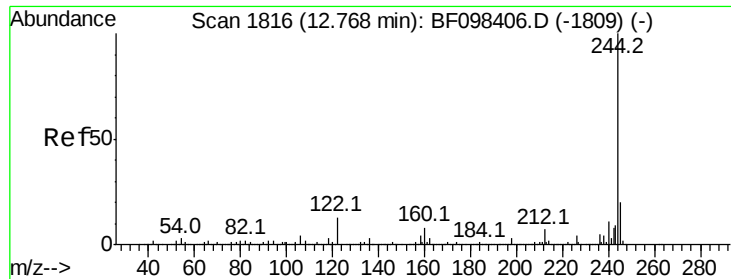
200 20.5 17.6 26.4

203 19.3 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.181 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Instrument :

BNA_F

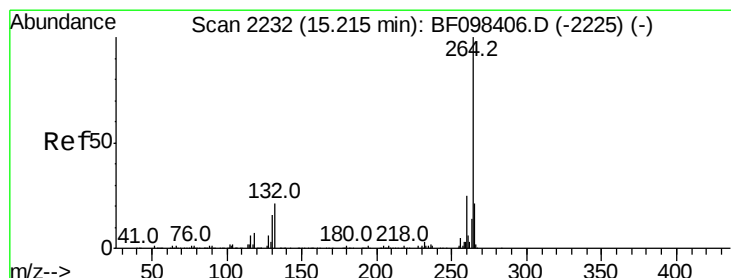
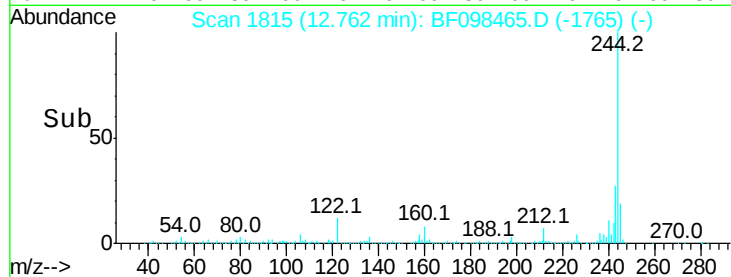
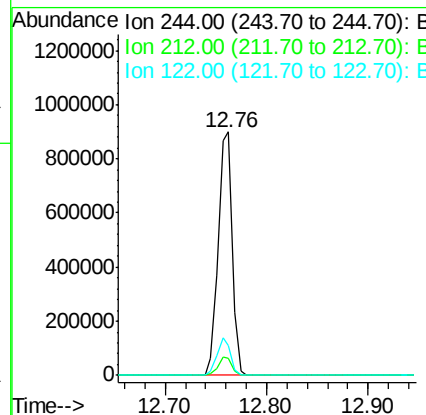
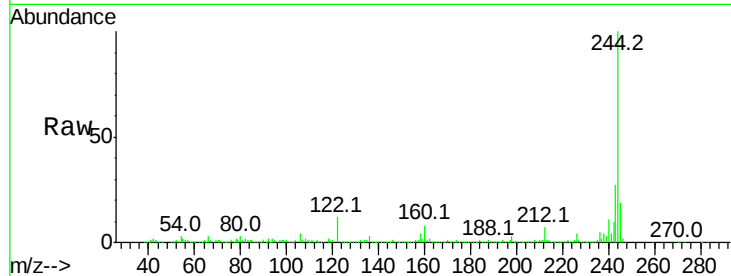
ClientSampled :

RL-9-15-30

Tot Ion:	244	Resp:	873033
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	12.3	10.3	15.5

Manual Integrations
APPROVED

Sohil
9/13/2017 5:00:16 PM



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF098465.D

Acq: 12 Sep 2017 22:10

Tgt Ion:	264	Resp:	290969
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.1	17.2	25.8

