

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098606.D
 Acq On : 18 Sep 2017 17:08
 Operator : SJ/JU
 Sample : I5249-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF1

Manual Integrations
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Sohil
 9/19/2017 5:31:45 PM

Quant Time: Sep 19 06:31:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	114600	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	463677	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	198361	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	310752	20.00	ng	0.00
75) Chrysene-d12	13.79	240	193483	20.00	ng	0.00
86) Perylene-d12	15.18	264	177316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	823650	106.26	ng	0.00
7) Phenol-d6	6.29	99	1070669	108.80	ng	0.00
23) Nitrobenzene-d5	7.20	82	662791	79.69	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	143546	108.43	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	931118	79.56	ng	0.00
78) Terphenyl-d14	12.73	244	574510	64.09	ng	0.00
Target Compounds						
10) Phenol	6.30	94	35047	3.066	ng	92
49) Dimethylphthalate	9.39	163	162449	10.580	ng	99
70) Phenanthrene	11.17	178	42562	2.584	ng	98
74) Fluoranthene	12.36	202	83946	5.090	ng	97
77) Pyrene	12.59	202	85887	5.627	ng	97
80) Benzo(a)anthracene	13.77	228	39666	3.497	ng	92
82) Chrysene	13.81	228	44382	3.871	ng	97
83) Bis(2-ethylhexyl)phthalate	13.76	149	57476	6.916	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	18446	2.293	ng	95
87) Benzo(b)fluoranthene	14.79	252	48344m	4.336	ng	
89) Benzo(a)pyrene	15.12	252	38480	3.874	ng	# 95
91) Benzo(a,h,i)perylene	16.91	276	20964	2.885	ng	# 92

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

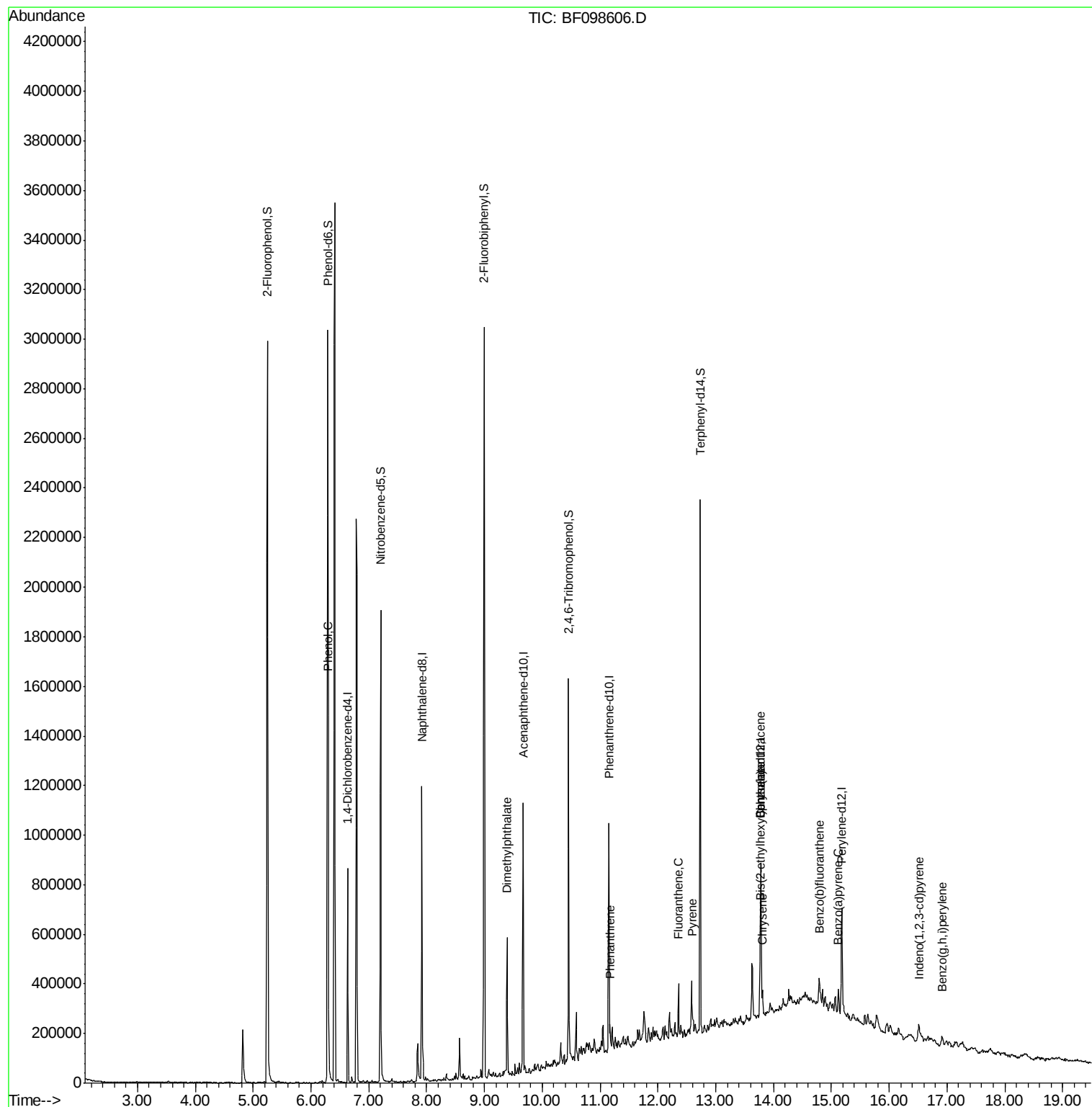
Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098606.D
Acq On : 18 Sep 2017 17:08
Operator : SJ/JU
Sample : I5249-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

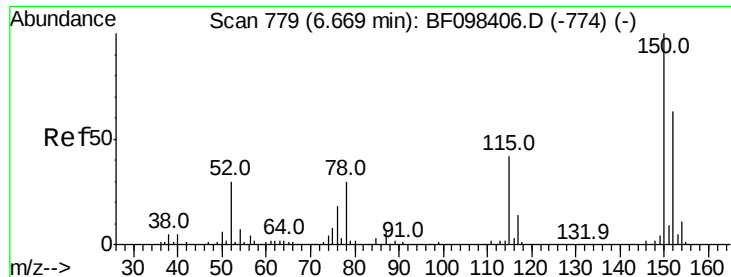
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

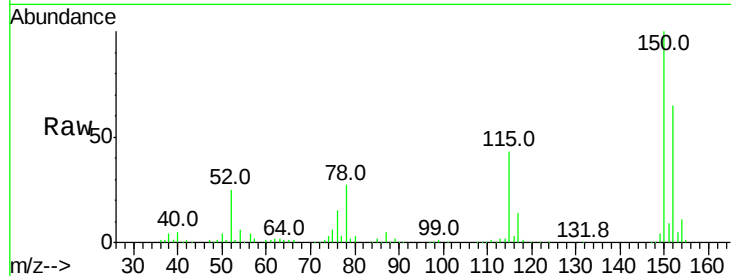
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Instrument :
 BNA_F
 ClientSampled :
 ROLL-OFF1

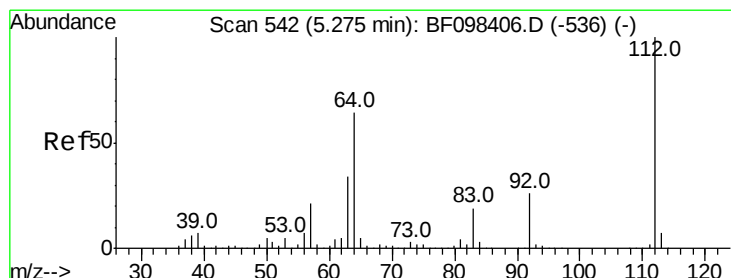
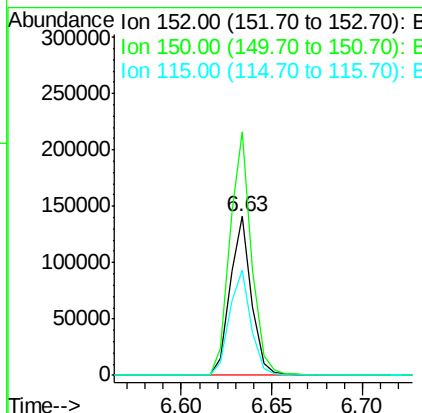
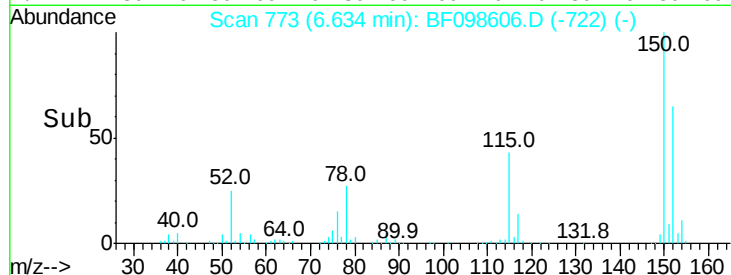
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.2	189.2
115	66.1	52.2	78.2

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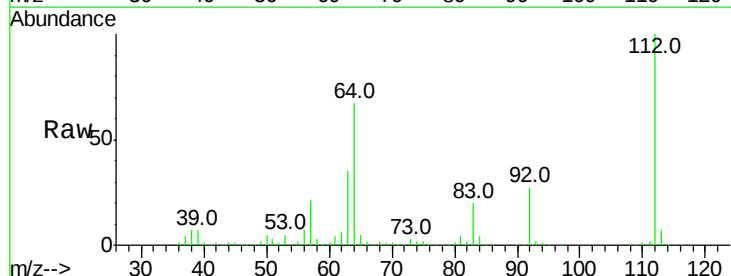
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



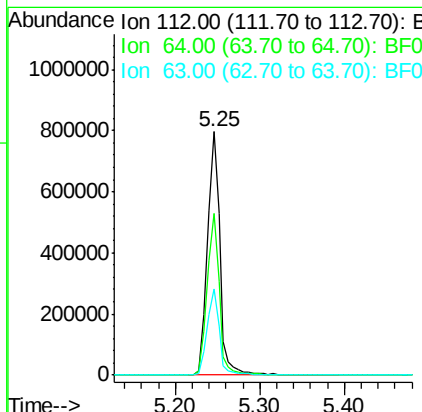
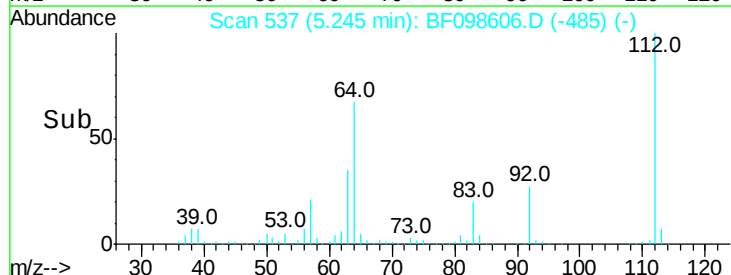
#5

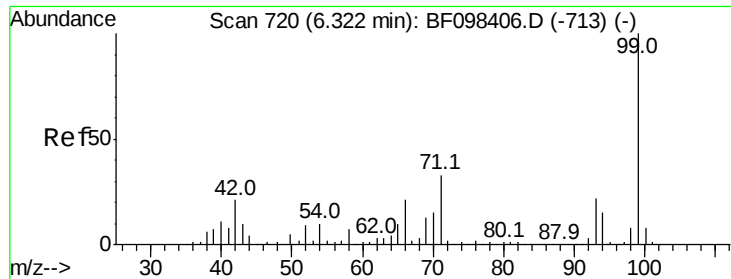
2-Fluorophenol
 Concen: 106.264 ng
 RT: 5.25 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	35.5	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: 108.795 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF098606.D

Acq: 18 Sep 2017 17:08

Instrument :

BNA_F

ClientSampled :

ROLL-OFF1

Tot Ion: 99 Resp: 1070669

Ion Ratio Lower Upper

99 100

42 20.4 13.5 20.3#

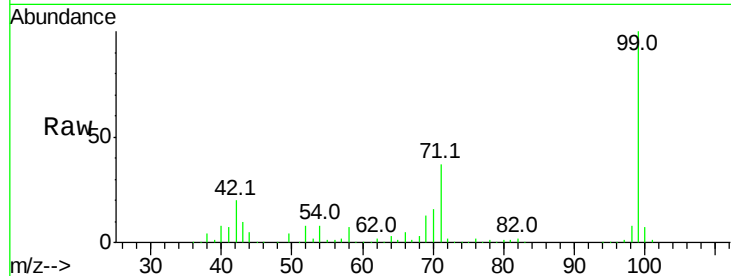
71 37.1 24.5 36.7#

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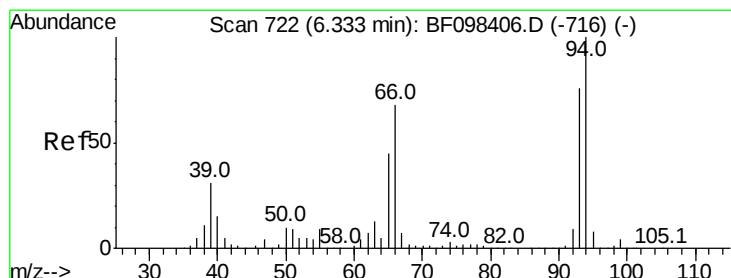
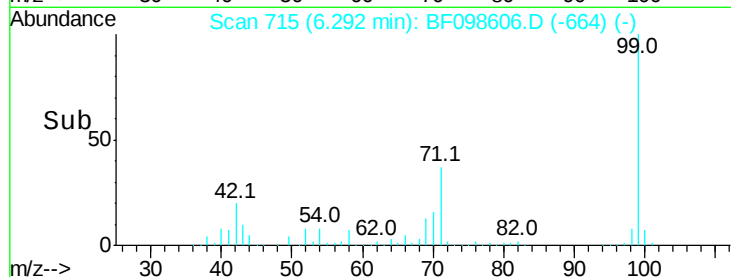
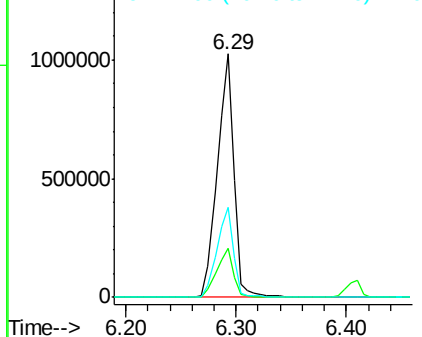
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.066 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF098606.D

Acq: 18 Sep 2017 17:08

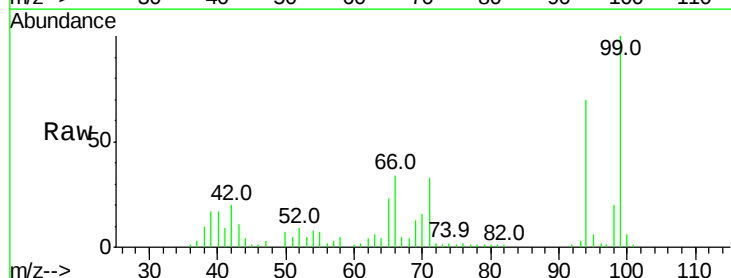
Tgt Ion: 94 Resp: 35047

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

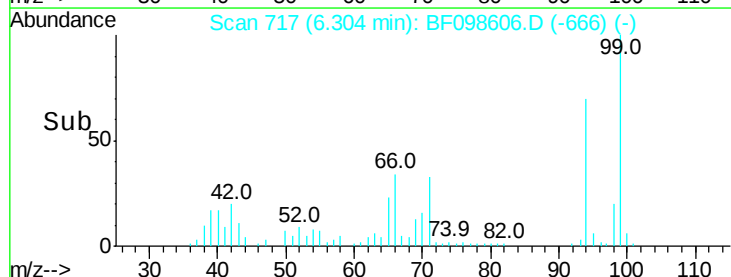
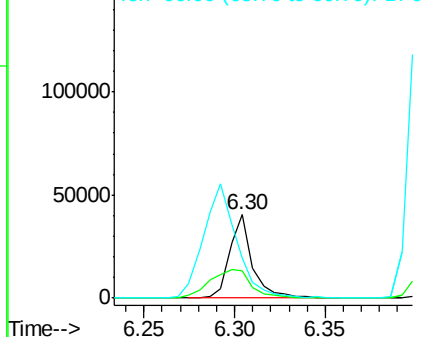
66 49.0 23.1 63.1

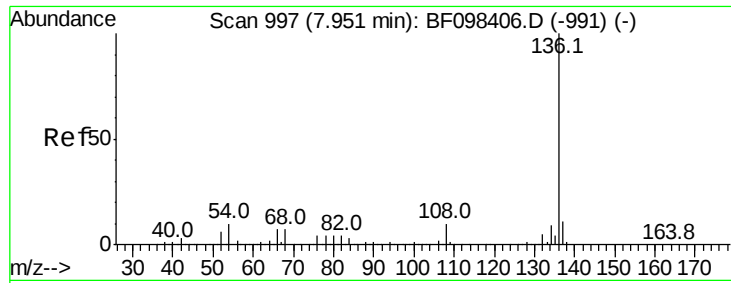


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





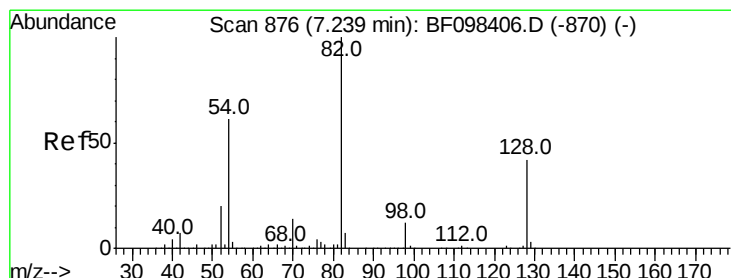
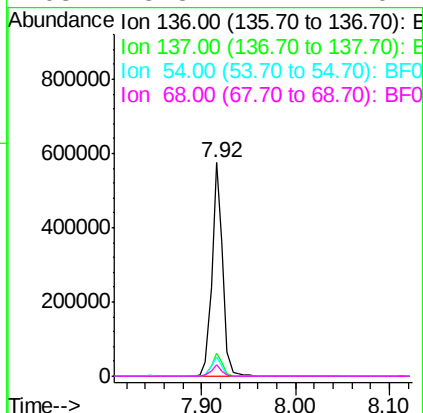
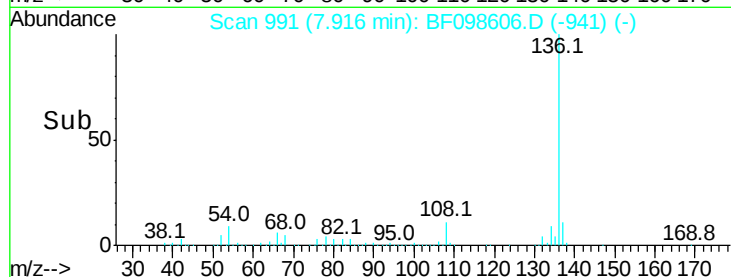
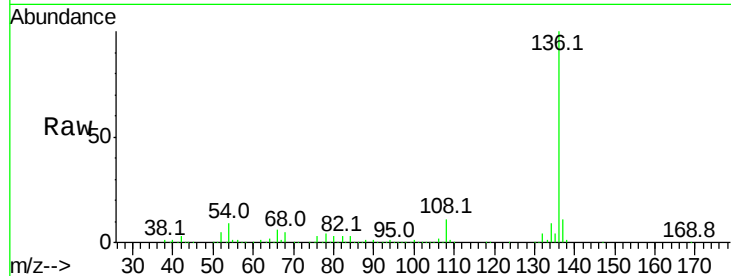
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	9.2	4.9	7.3	
68	5.3	4.1	6.1	

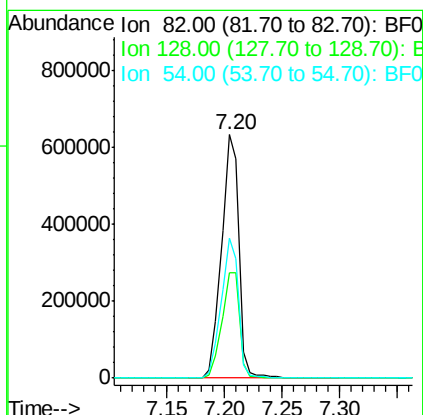
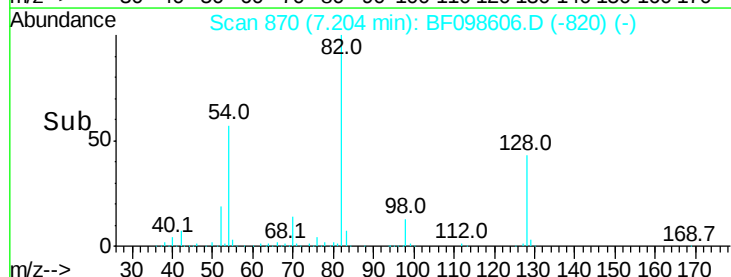
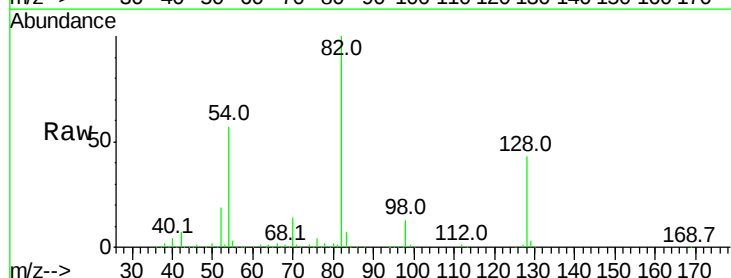
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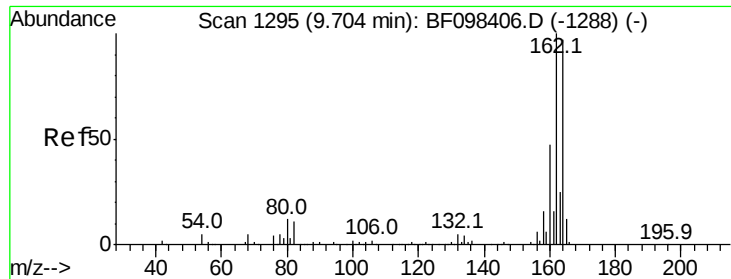
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#23
Nitrobenzene-d5
Concen: 79.690 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.2	34.0	51.0	
54	57.3	42.2	63.2	





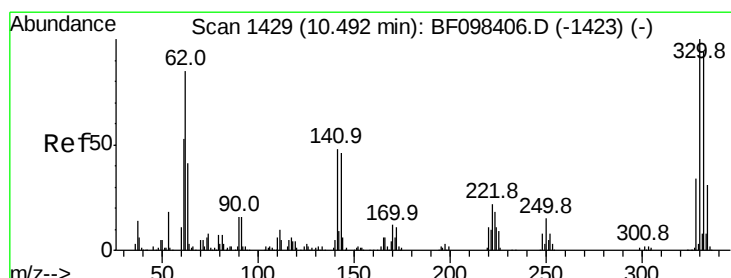
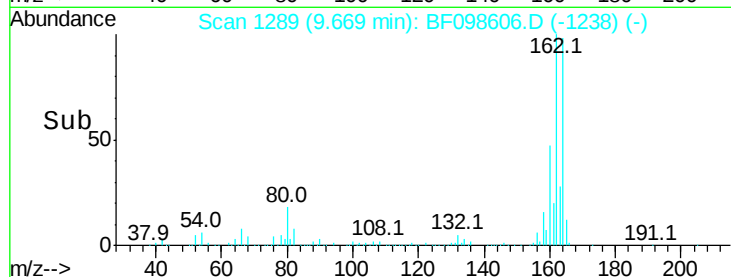
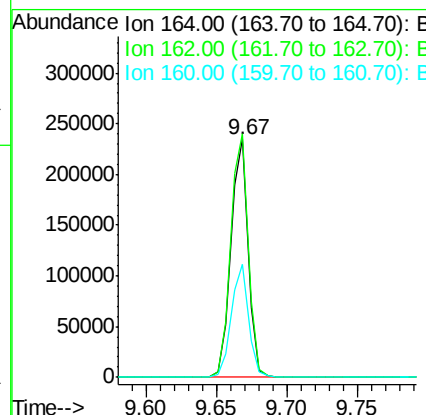
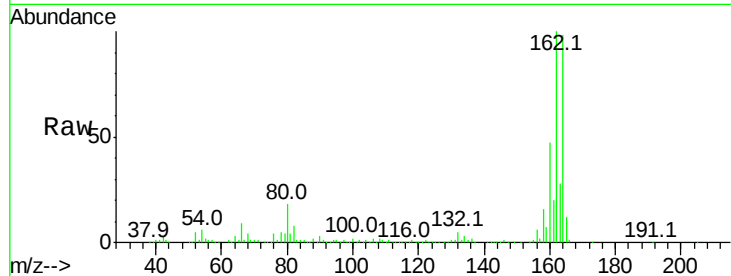
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF1

Tot Ion	Ratio	Resp	Lower	Upper
164	100	198361		
162	102.3	82.6	123.8	
160	47.6	36.2	54.2	

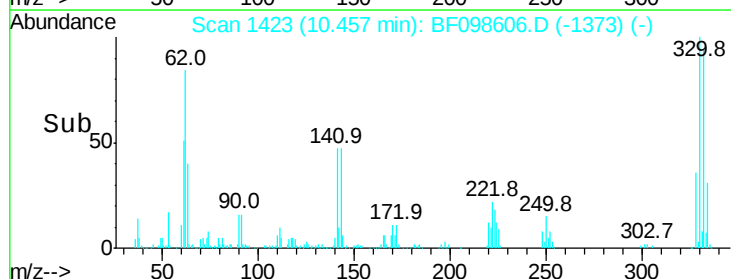
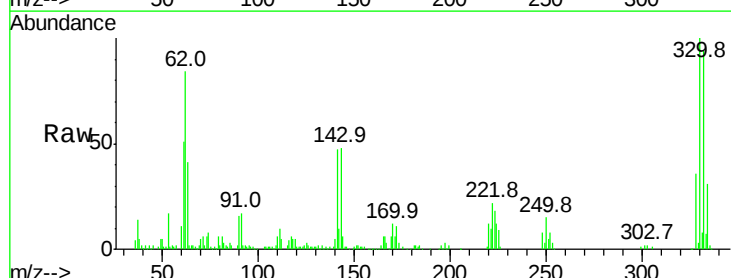
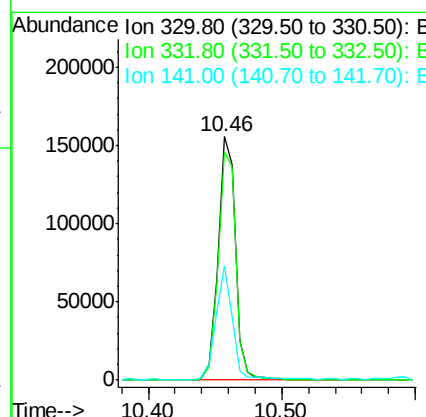
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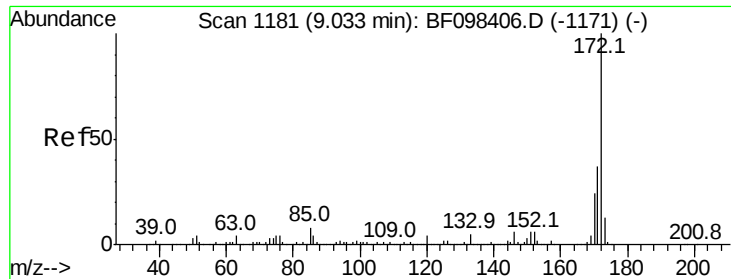
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#41
 2,4,6-Tribromophenol
 Concen: 108.427 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143546		
332	96.0	76.6	115.0	
141	43.7	31.4	47.2	





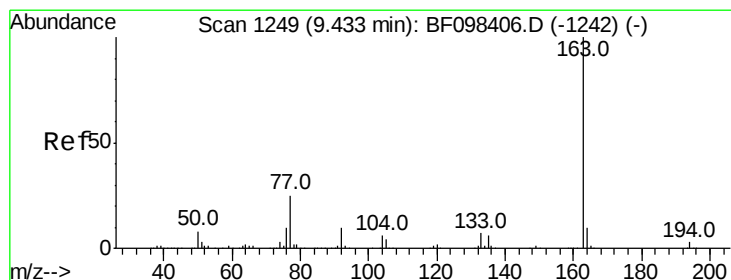
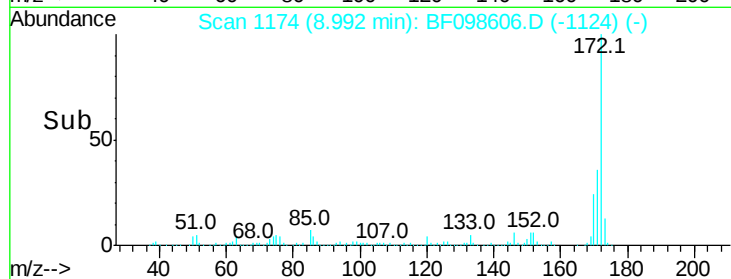
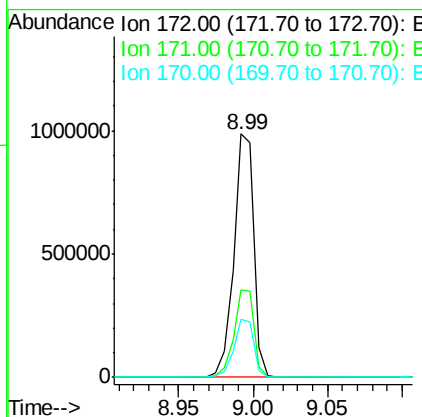
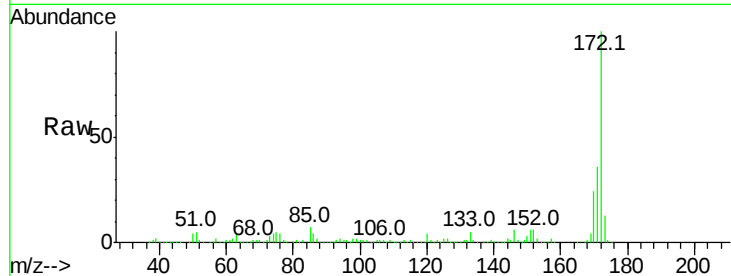
#44
2-Fluorobiphenyl
Concen: 79.560 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Resp	Lower	Upper
172	100	931118		
171	35.7		29.6	44.4
170	23.8		19.8	29.8

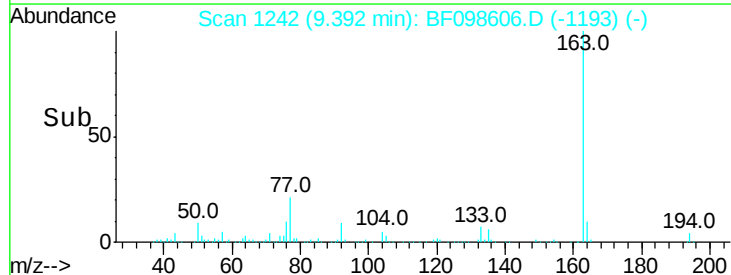
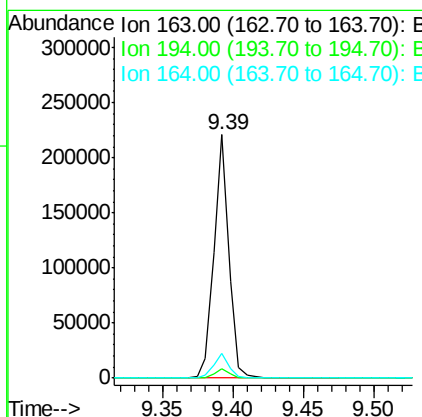
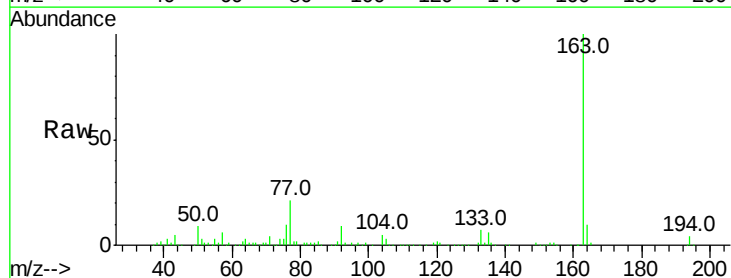
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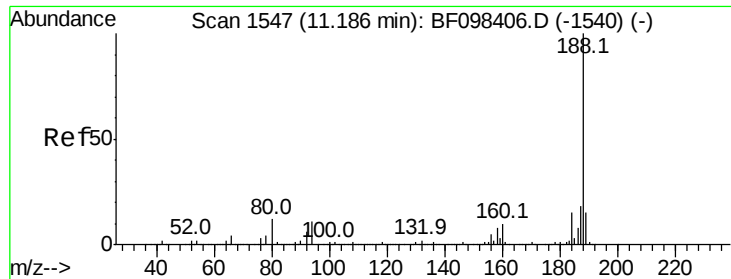
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#49
Dimethylphthalate
Concen: 10.580 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	162449		
194	3.6		2.6	4.0
164	10.0		8.4	12.6





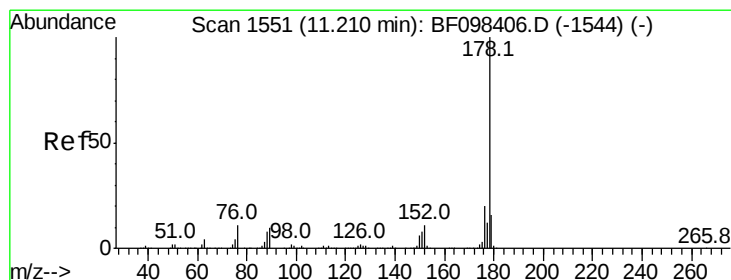
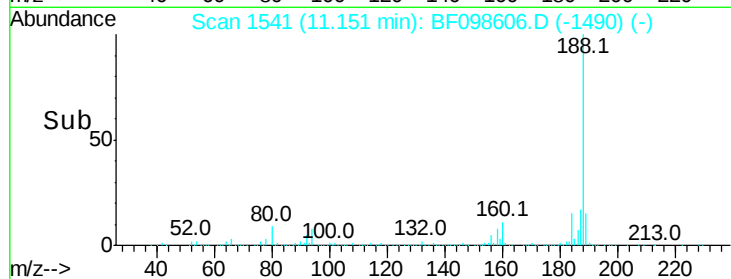
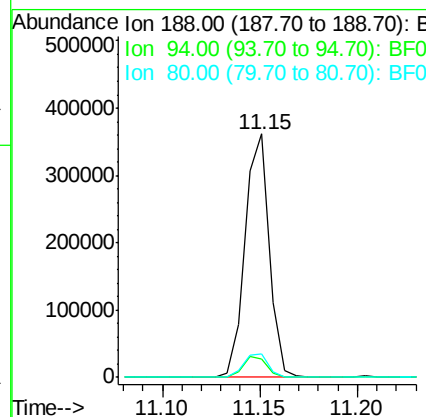
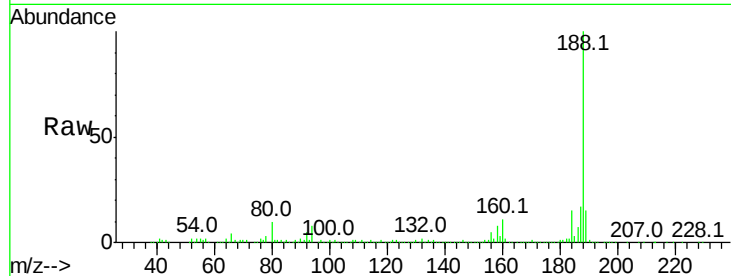
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	9.4	14.2#
80	9.6	10.2	15.2#

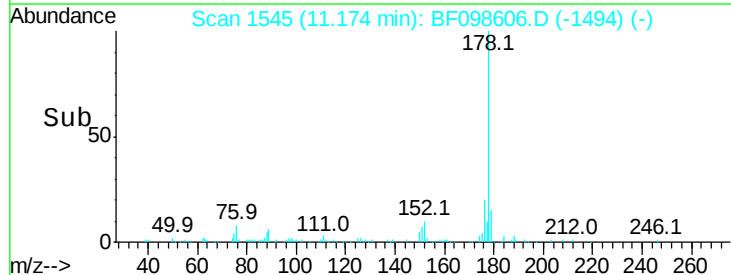
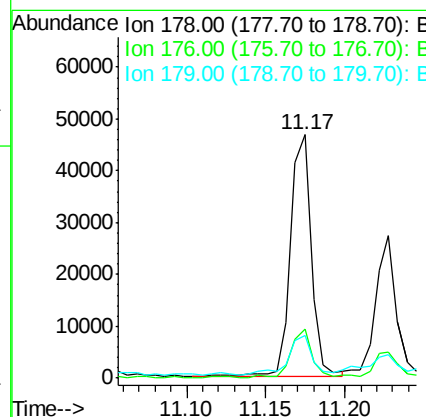
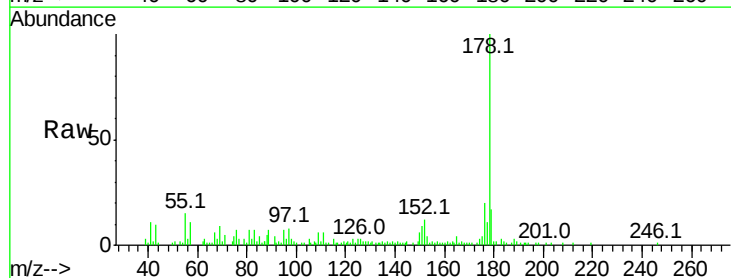
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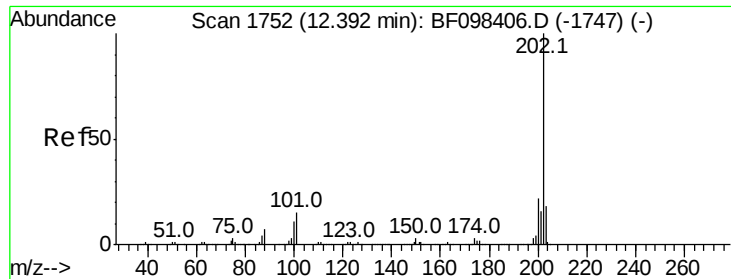
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#70
Phenanthrene
Concen: 2.584 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.9	16.2	24.4
179	17.5	12.6	19.0





#74

Fluoranthene

Concen: 5.090 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF098606.D

Acq: 18 Sep 2017 17:08

Instrument :

BNA_F

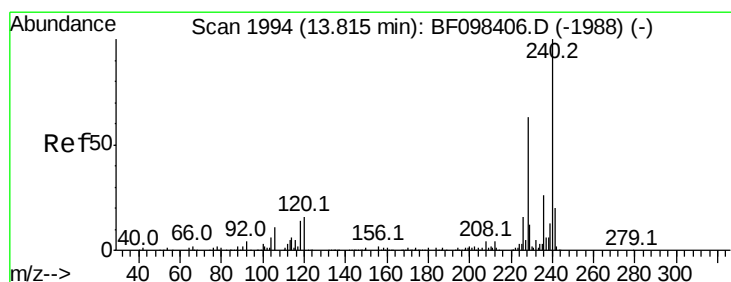
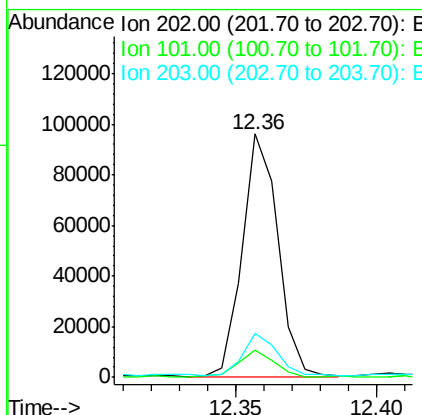
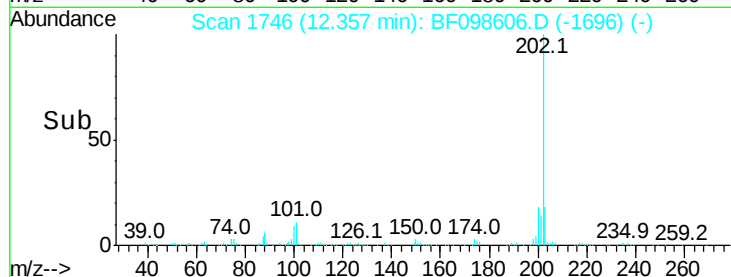
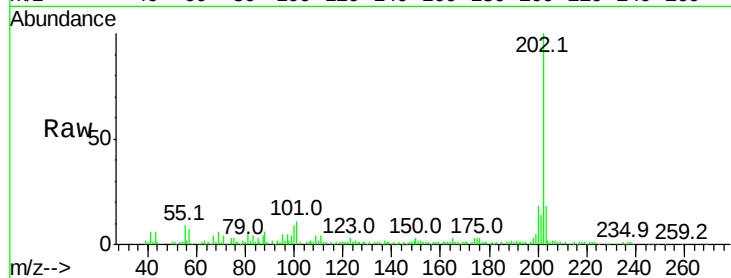
ClientSampleId :

ROLL-OFF1

Tot Ion:	202	Resp:	83946
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	33.2
203	18.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

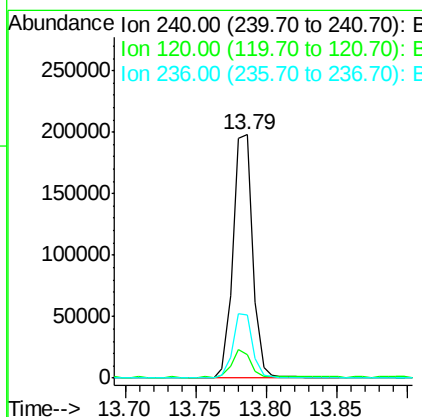
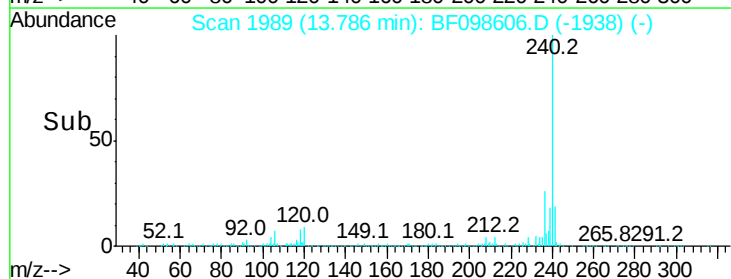
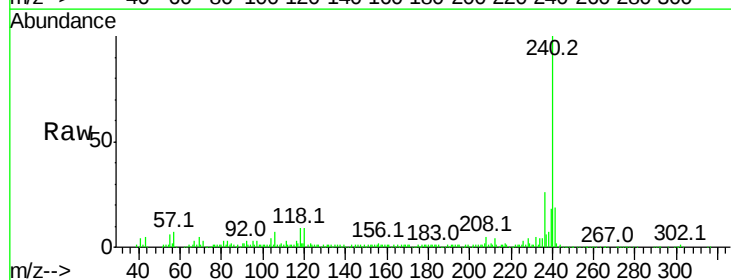
RT: 13.79 min Scan# 1989

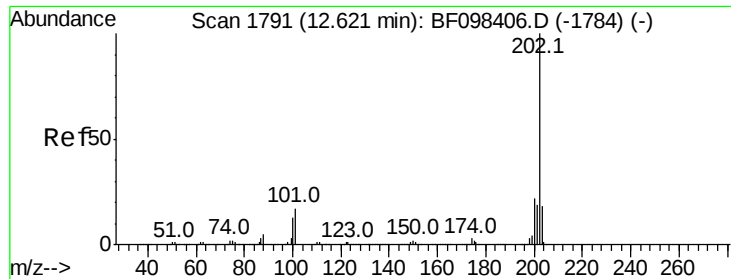
Delta R.T. -0.00 min

Lab File: BF098606.D

Acq: 18 Sep 2017 17:08

Tgt Ion:	240	Resp:	193483
Ion Ratio	Lower	Upper	
240	100		
120	9.4	5.8	8.8#
236	26.0	20.5	30.7





#77

Pvrene

Concen: 5.627 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF098606.D

Acq: 18 Sep 2017 17:08

Instrument :

BNA_F

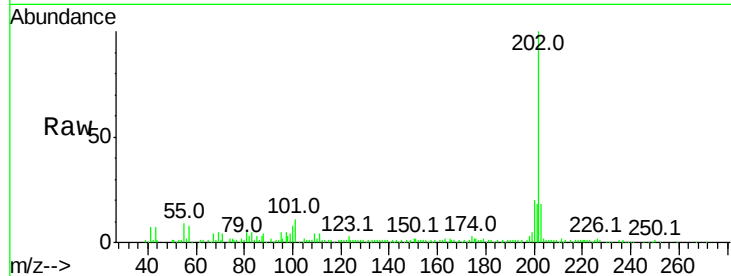
ClientSampled :

ROLL-OFF1

Tot Ion:	202	Resp:	85887
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.6	26.4
203	18.5	14.4	21.6

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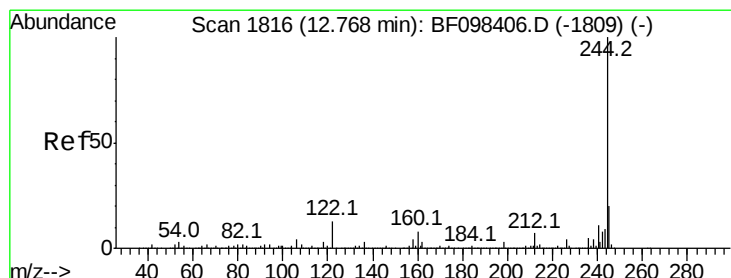
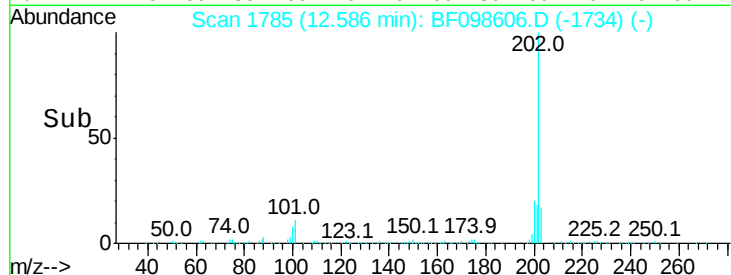
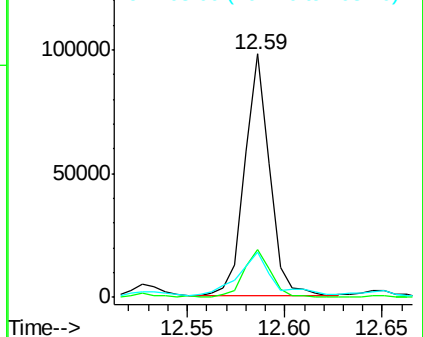
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.091 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF098606.D

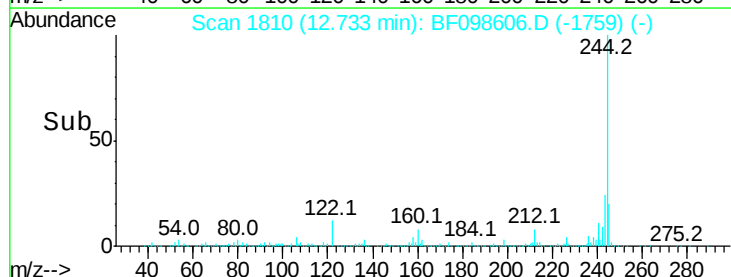
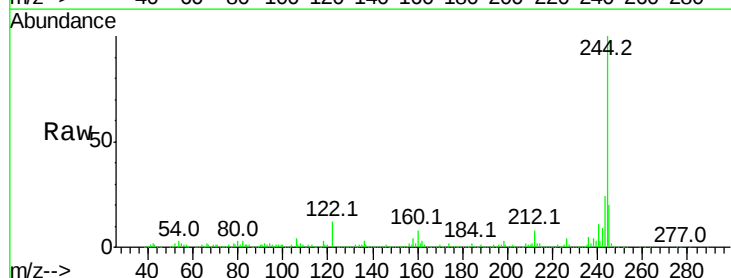
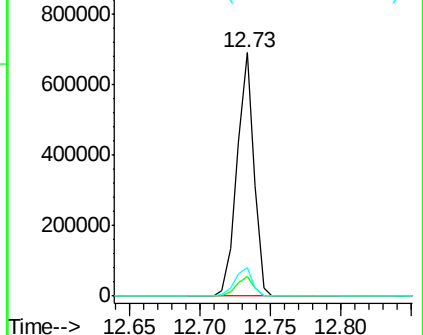
Acq: 18 Sep 2017 17:08

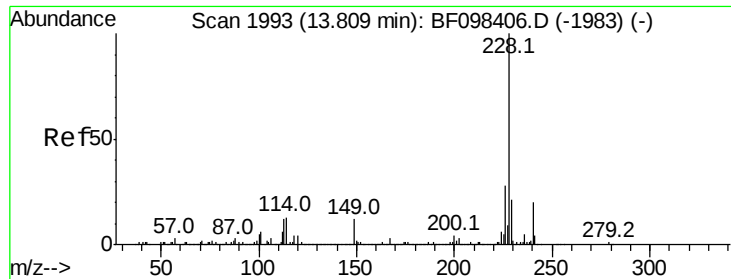
Tgt Ion:	244	Resp:	574510
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.0	9.0
122	11.6	10.3	15.5

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





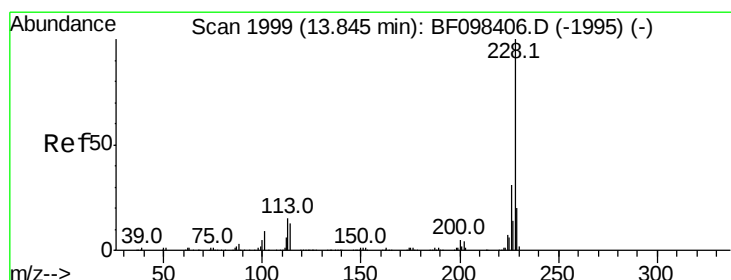
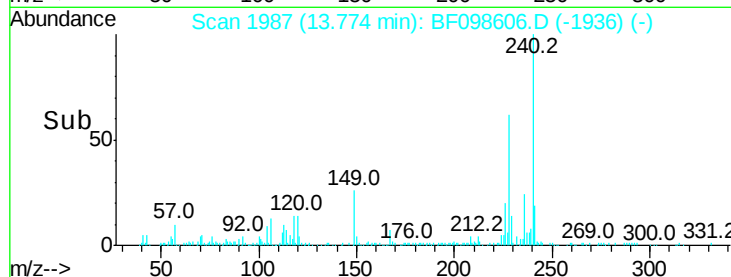
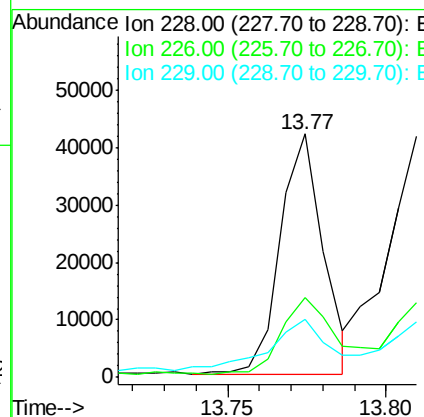
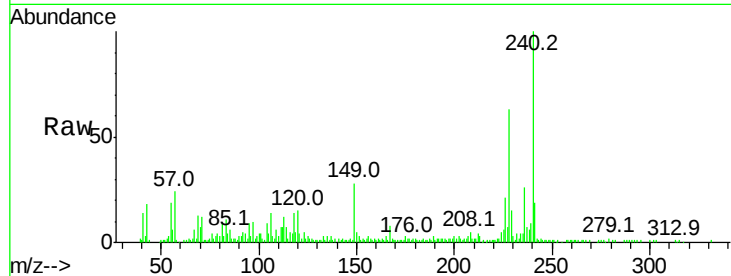
#80
Benzo(a)anthracene
Concen: 3.497 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.6	33.8
229	24.1	16.3	24.5

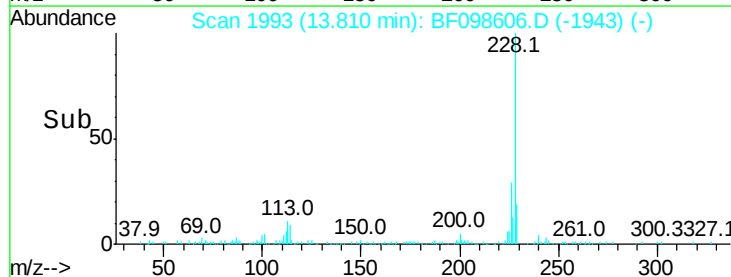
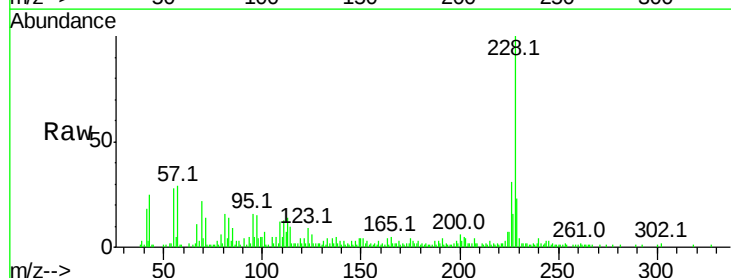
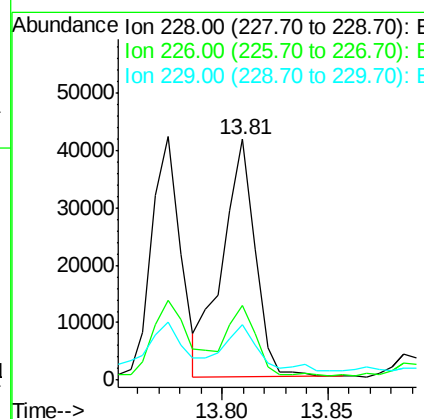
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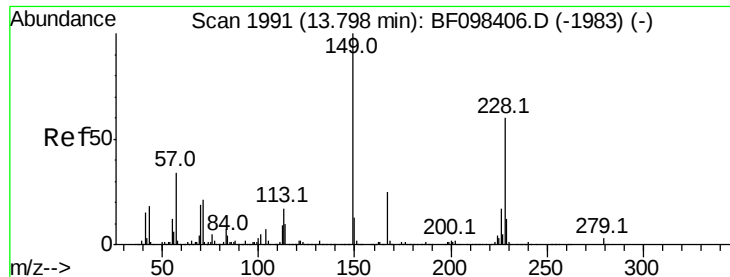
Sohil
9/19/2017 5:31:45 PM



#82
Chrysene
Concen: 3.871 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.8	15.8	23.6





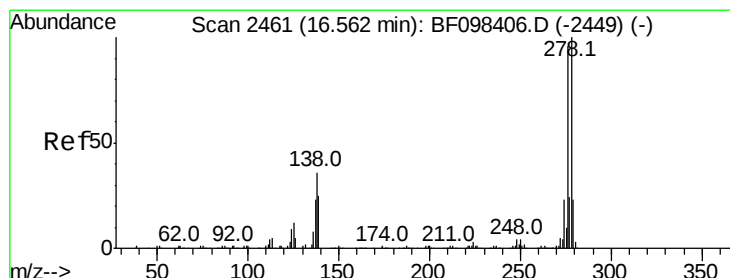
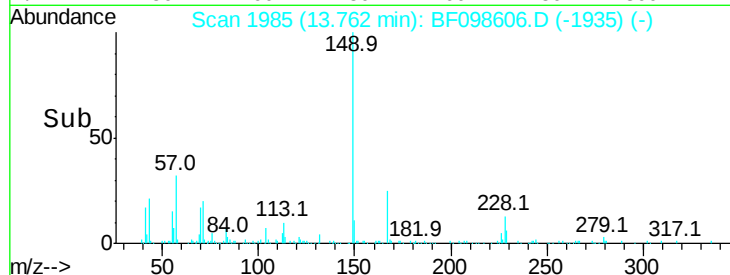
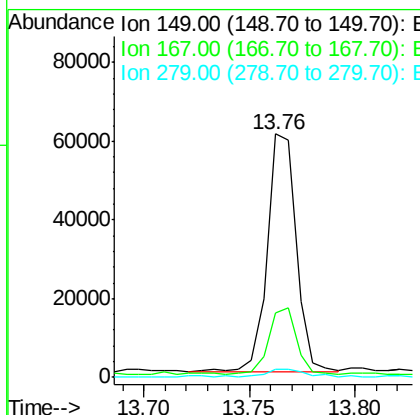
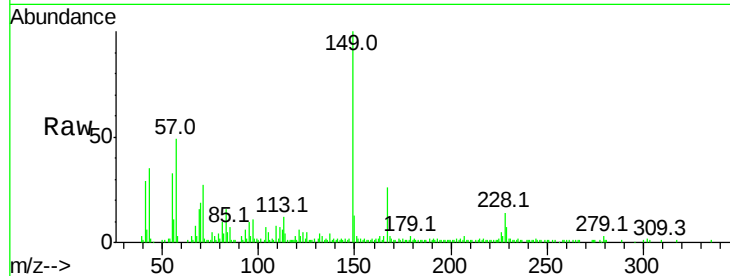
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.916 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF1

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.2	1.9	2.9#

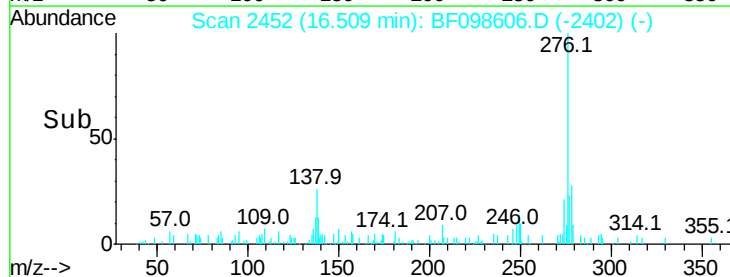
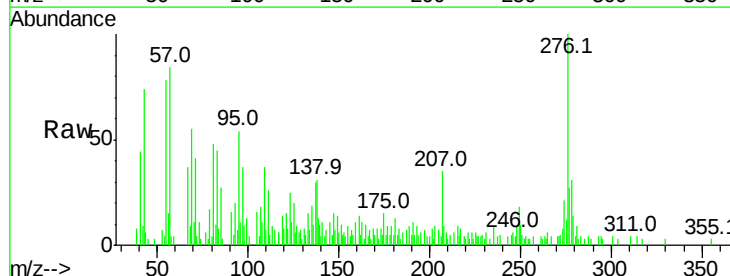
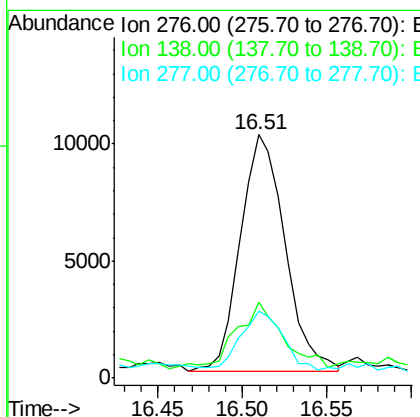
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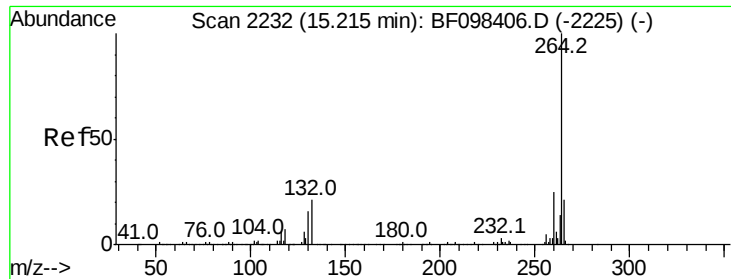
Sohil
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.293 ng
 RT: 16.51 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BF098606.D
 Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	27.8	41.6
277	26.8	20.2	30.4





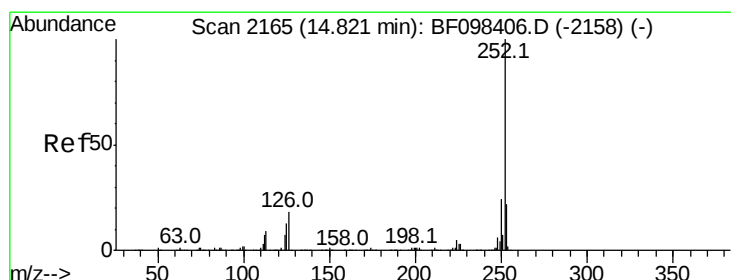
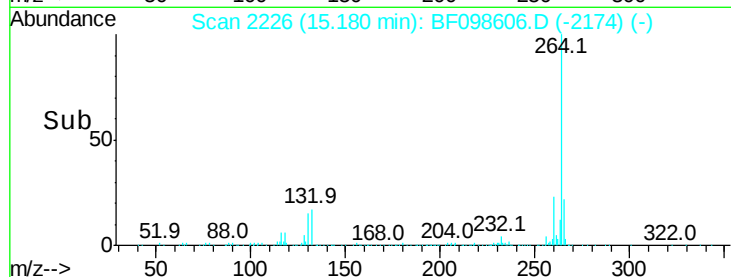
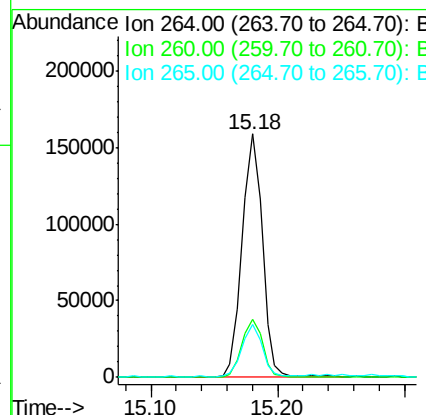
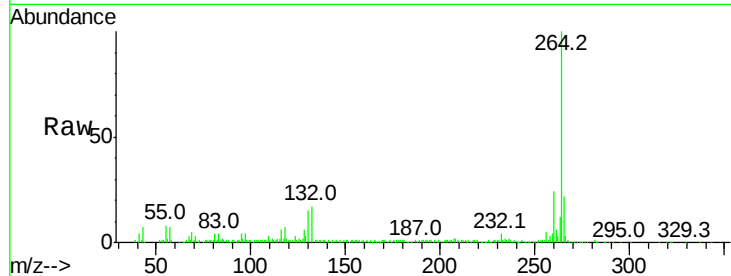
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.9	17.2	25.8

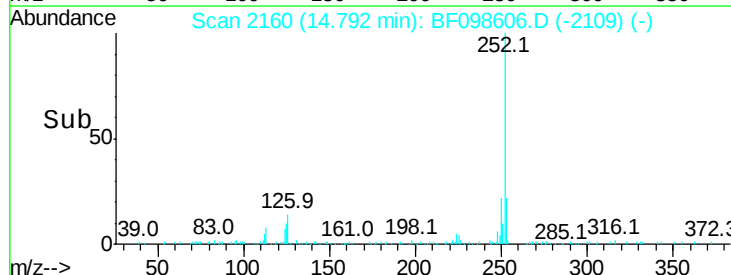
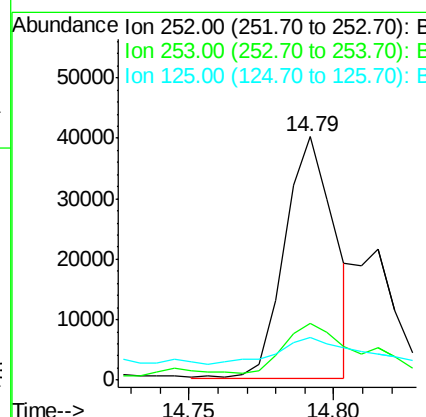
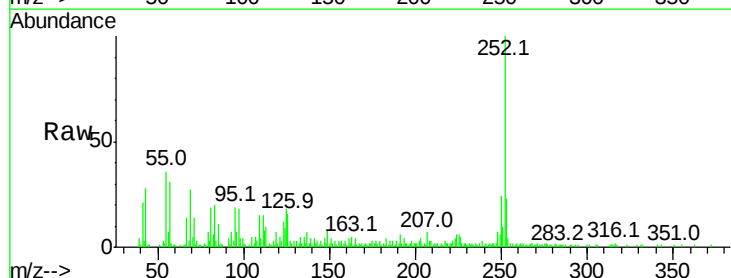
Manual Integrations
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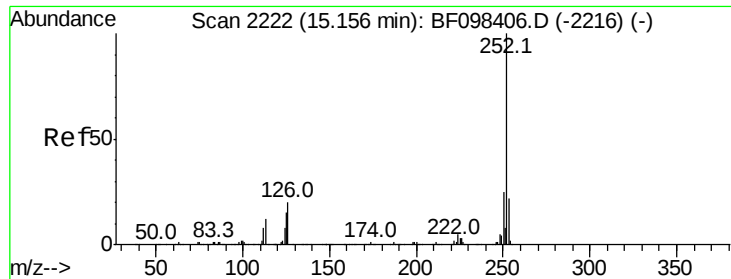
Sohil
9/19/2017 5:31:45 PM



#87
Benzo(b)fluoranthene
Concen: 4.336 ng m
RT: 14.79 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	17.6	9.8	14.8#





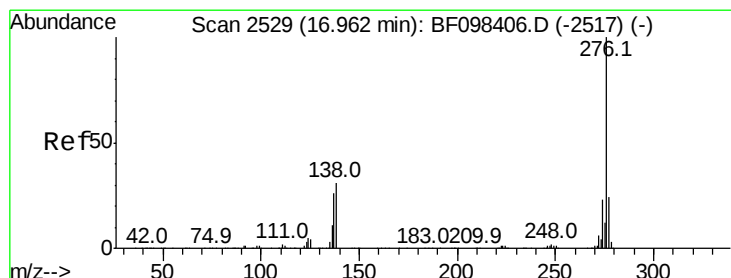
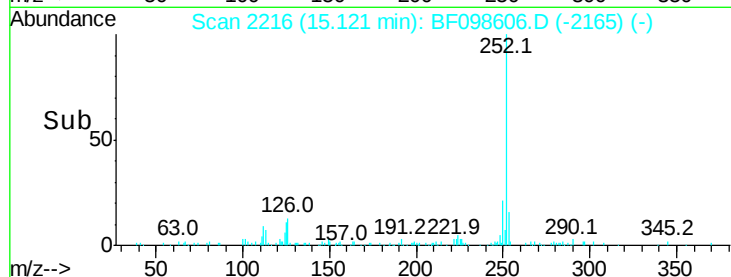
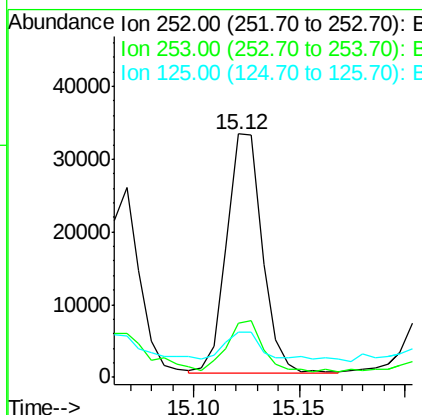
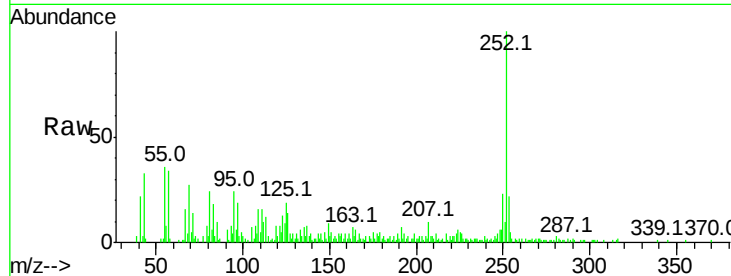
#89
Benzo(a)pyrene
Concen: 3.874 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	18.7	11.0	16.4

Manual Integrations
APPROVED

Sohil
9/19/2017 5:31:45 PM



#91
Benzo(g,h,i)perylene
Concen: 2.885 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BF098606.D
Acq: 18 Sep 2017 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	18.2	18.6	28.0
138	27.9	25.4	38.0

