

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098470.D
 Acq On : 13 Sep 2017 00:29
 Operator : SJ/JU
 Sample : I5140-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RL-13-0-16

Manual Integrations
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Sohil
 9/13/2017 5:00:24 PM

Quant Time: Sep 13 02:42:57 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	181688	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	716982	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	275379	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	409323	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	342633	20.00	ng	0.00
86) Perylene-d12	15.21	264	293362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1047011	85.20	ng	0.00
7) Phenol-d6	6.32	99	1267265	81.22	ng	0.00
23) Nitrobenzene-d5	7.23	82	743059	57.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	135994	73.99	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	955406	58.80	ng	-0.01
78) Terphenyl-d14	12.76	244	592280	37.31	ng	-0.01
Target Compounds						
10) Phenol	6.32	94	47064	2.597	ng	Qvalue # 73
49) Dimethylphthalate	9.42	163	152233	7.142	ng	98
70) Phenanthrene	11.20	178	128304	5.913	ng	98
74) Fluoranthene	12.39	202	268409	12.356	ng	97
77) Pyrene	12.61	202	228638	8.459	ng	98
80) Benzo(a)anthracene	13.80	228	125071	6.226	ng	96
82) Chrysene	13.83	228	116300	5.727	ng	96
85) Indeno(1,2,3-cd)pyrene	16.55	276	37436	2.628	ng	98
87) Benzo(b)fluoranthene	14.82	252	124864m	6.769	ng	
88) Benzo(k)fluoranthene	14.84	252	39899m	2.317	ng	
89) Benzo(a)pyrene	15.15	252	81203	4.941	ng	# 93
91) Benzo(a,h,i)perylene	16.96	276	34127	2.838	ng	# 90

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

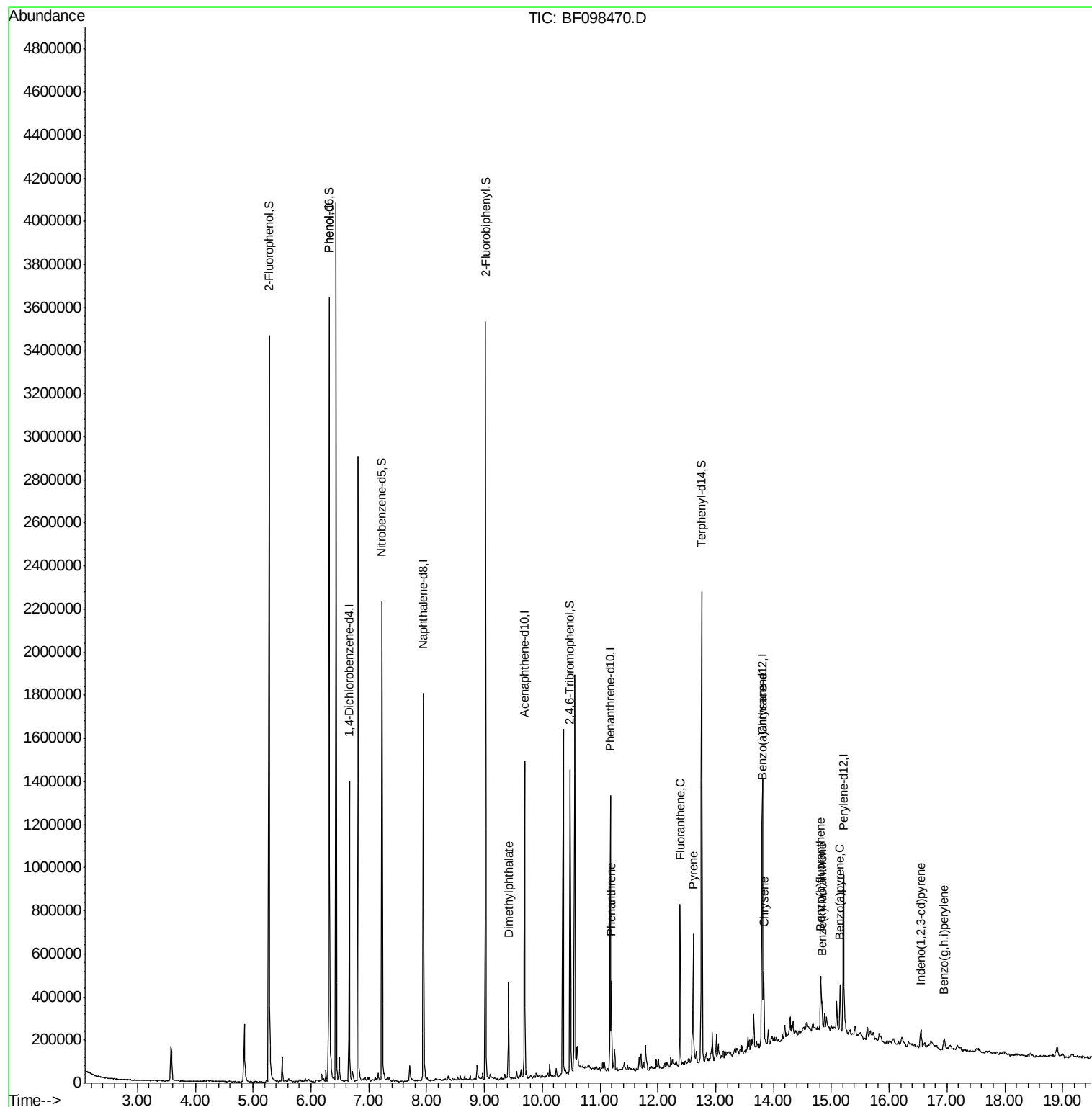
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091217\
Data File : BF098470.D
Acq On : 13 Sep 2017 00:29
Operator : SJ/JU
Sample : I5140-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

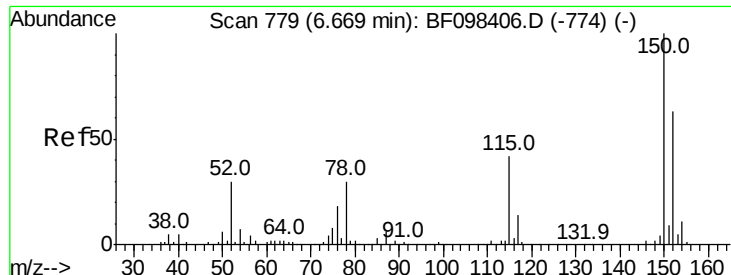
Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

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Quant Time: Sep 13 02:42:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

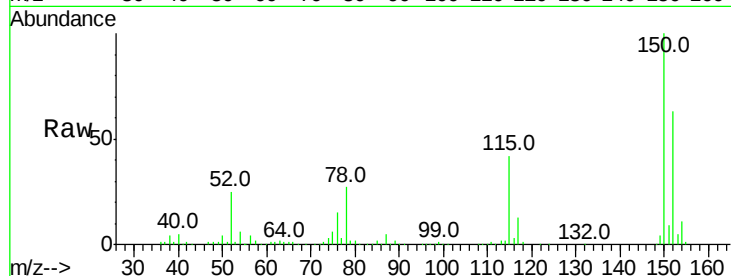
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	66.1	52.2	78.2

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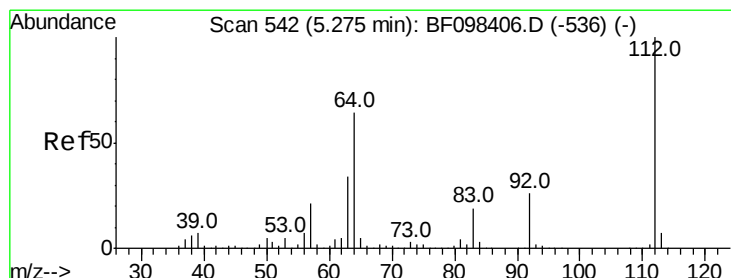
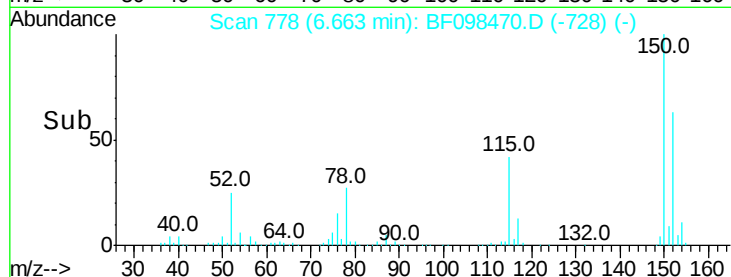
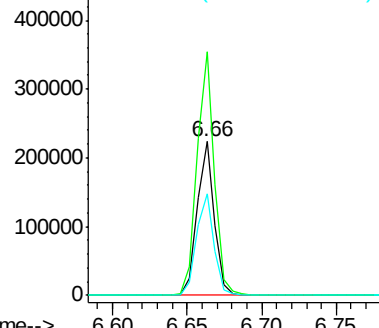


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

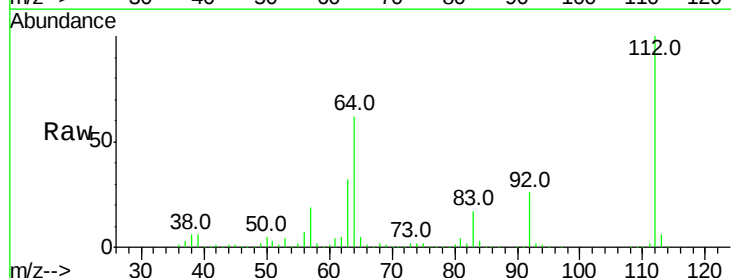
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.203 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	46.0	69.0
63	32.2	23.4	35.0

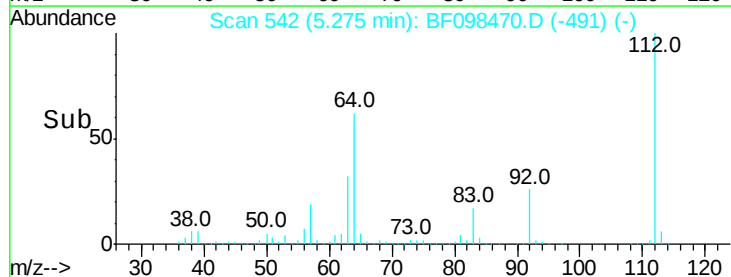
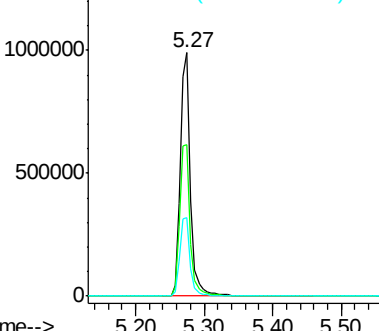


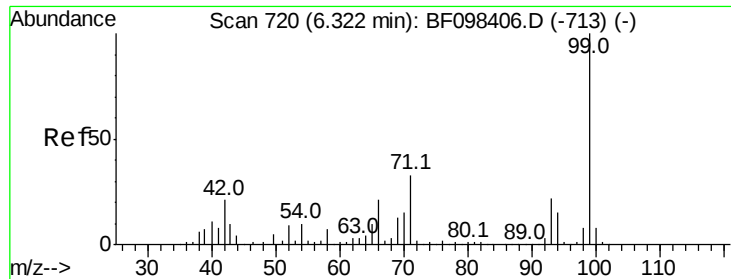
Abundance

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: 81.223 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Instrument :

BNA_F

ClientSampleId :

RL-13-0-16

Tot Ion: 99 Resp: 1267265

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

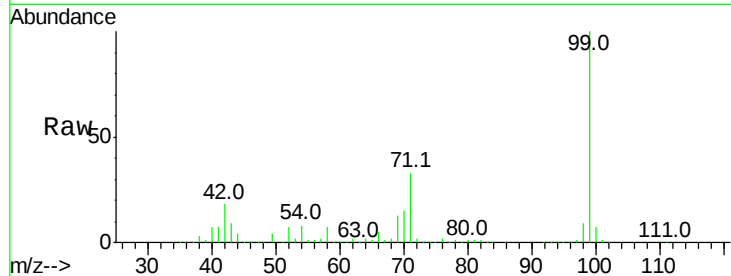
71 32.7 24.5 36.7

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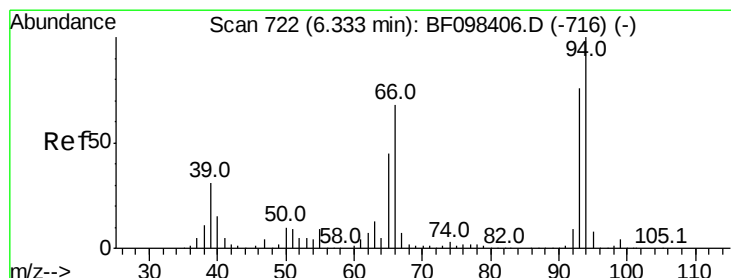
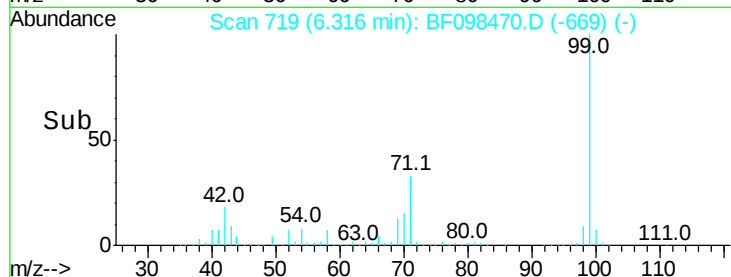
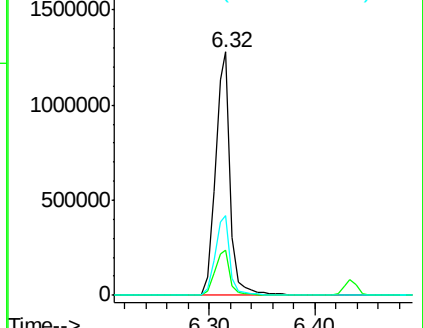
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.597 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

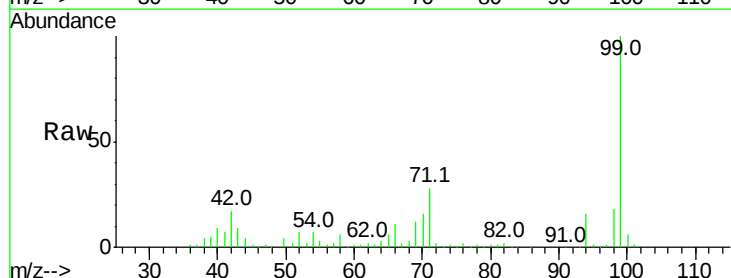
Tgt Ion: 94 Resp: 47064

Ion Ratio Lower Upper

94 100

65 36.7 9.9 49.9

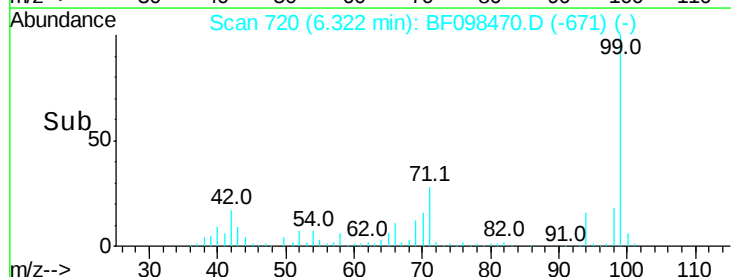
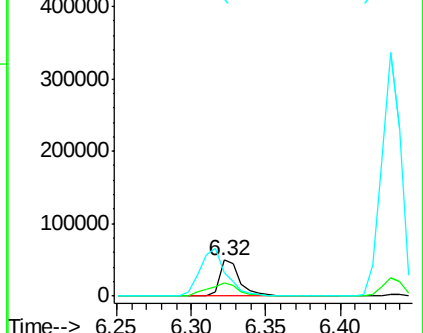
66 66.8 23.1 63.1#

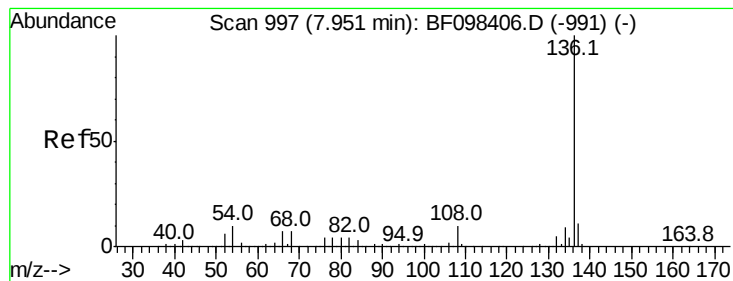


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Instrument :

BNA_F

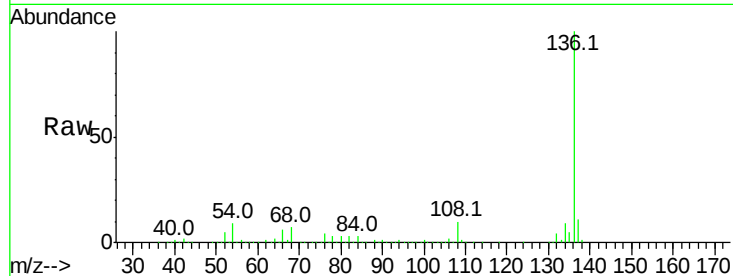
ClientSampled :

RL-13-0-16

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.5	4.9	7.3#
68	7.0	4.1	6.1#

Manual Integrations
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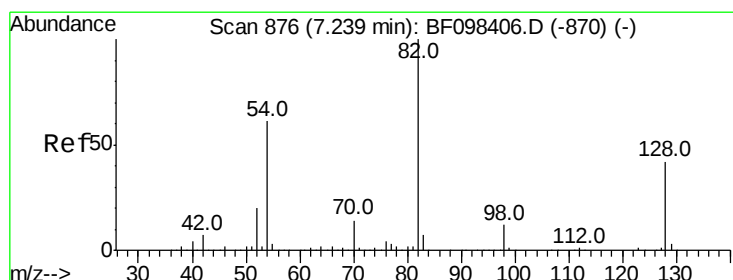
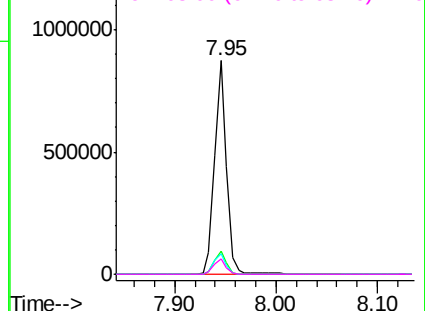
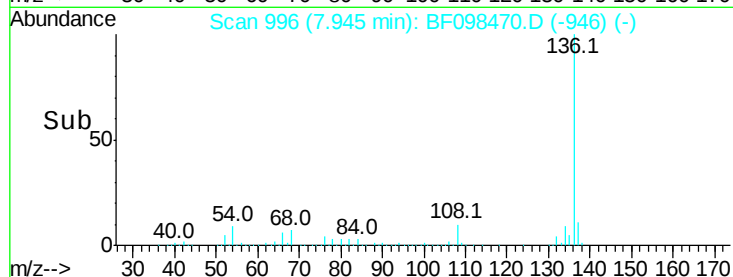


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 57.777 ng

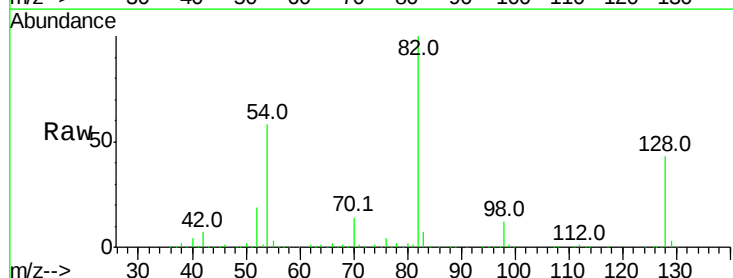
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

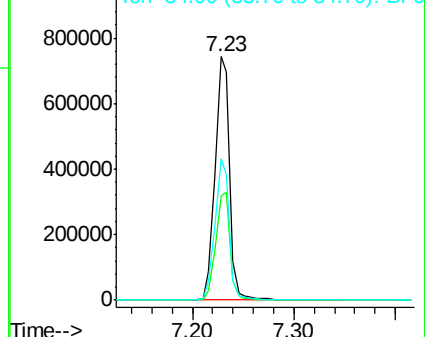
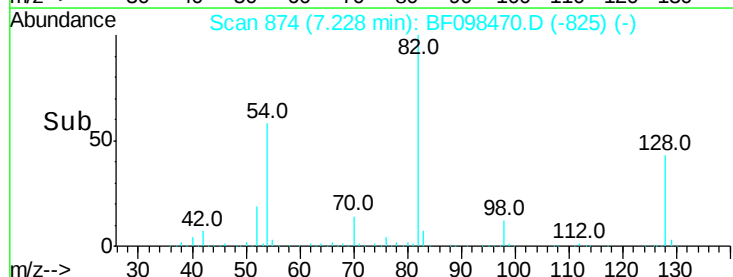
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.9	34.0	51.0
54	57.8	42.2	63.2

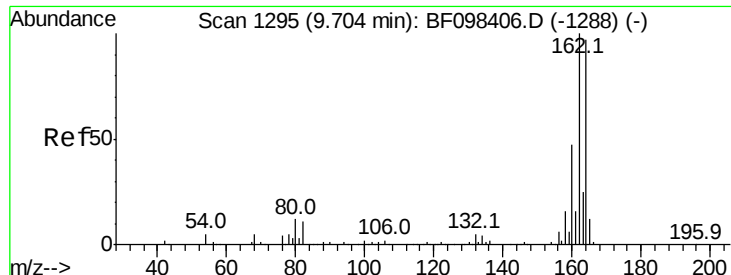


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





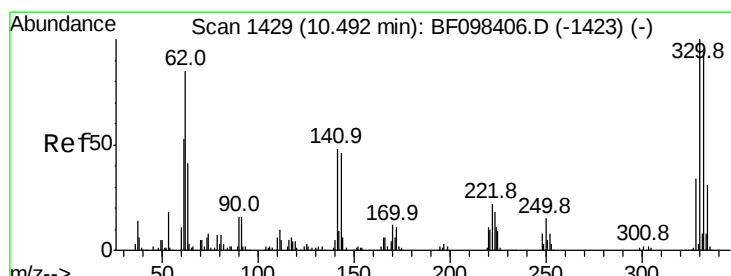
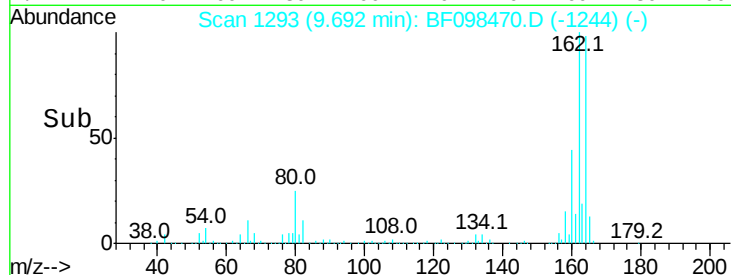
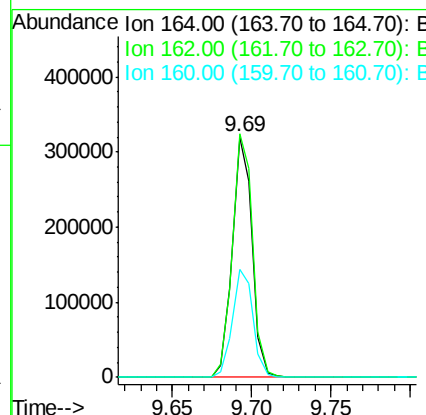
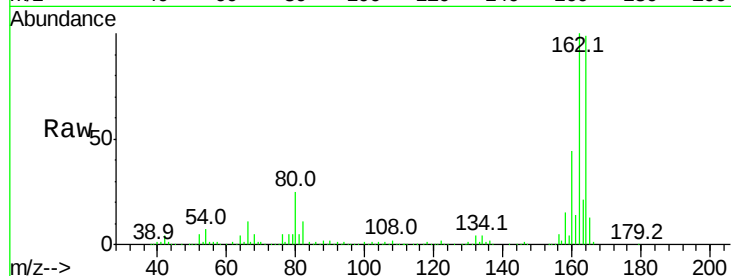
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098470.D
 Acq: 13 Sep 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 RL-13-0-16

Tot Ion	Ratio	Resp	Lower	Upper
164	100	275379		
162	101.5	82.6	123.8	
160	45.0	36.2	54.2	

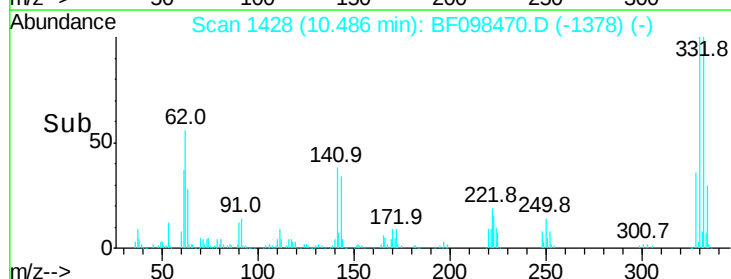
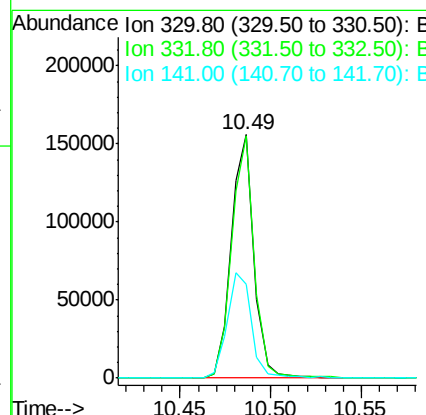
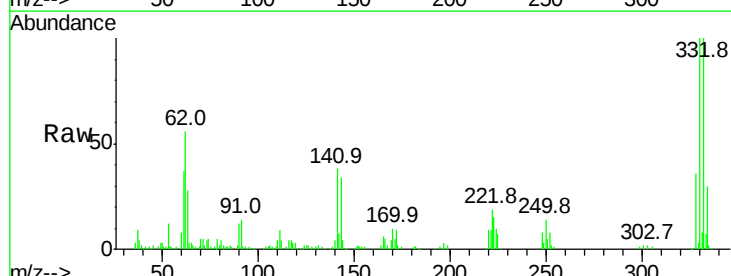
Manual Integrations
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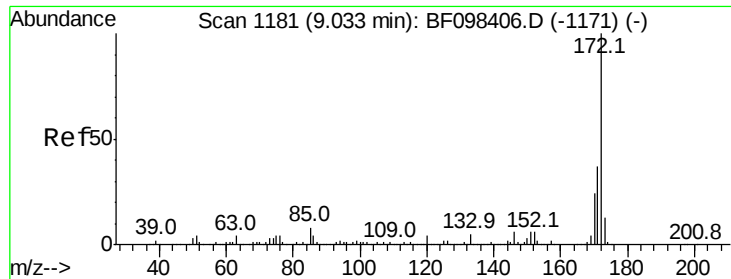
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#41
 2,4,6-Tribromophenol
 Concen: 73.993 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF098470.D
 Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	135994		
332	99.3	76.6	115.0	
141	47.1	31.4	47.2	





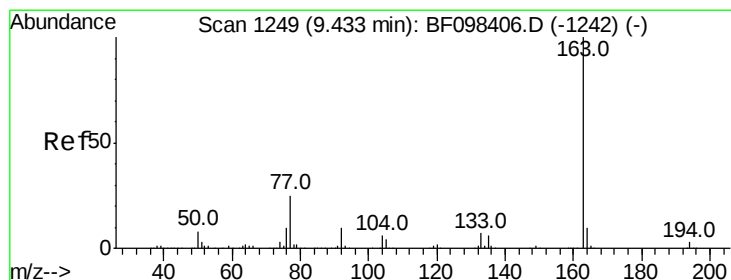
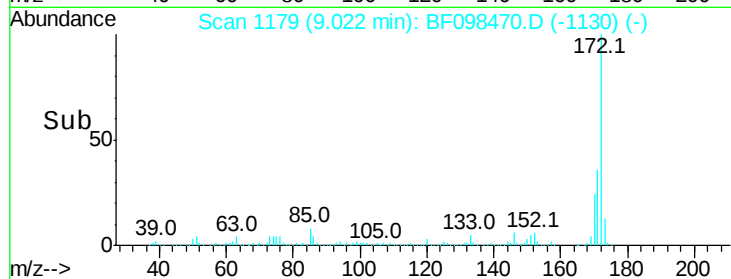
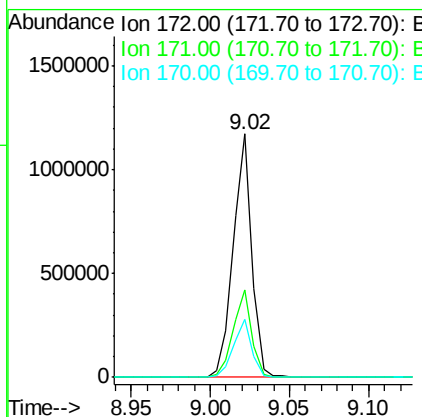
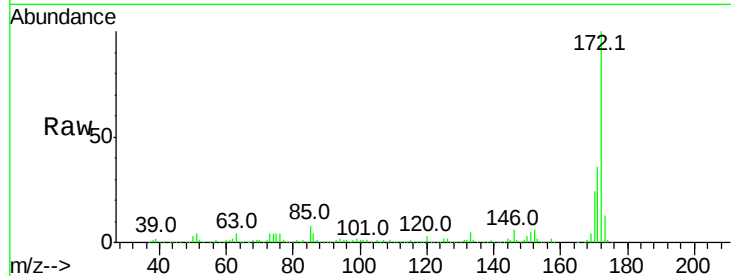
#44
2-Fluorobiphenyl
Concen: 58.804 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

Tot Ion	Ratio	Resp	Lower	Upper
172	100	955406		
171	36.2		29.6	44.4
170	23.9		19.8	29.8

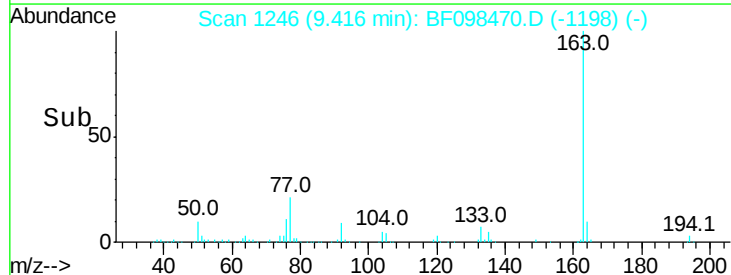
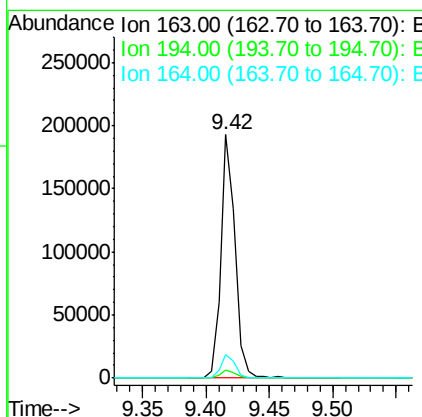
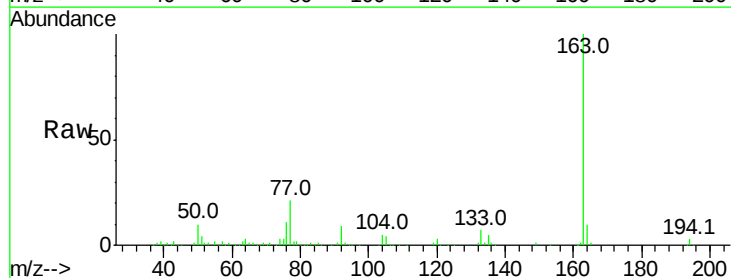
Manual Integrations
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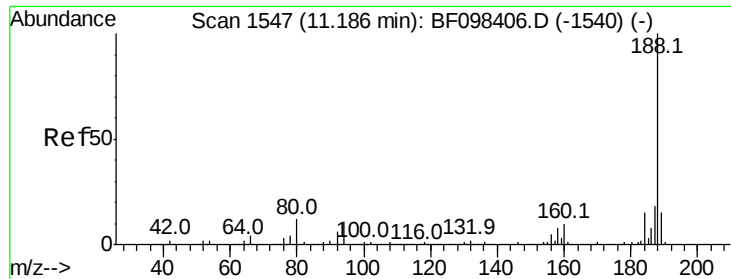
Sohil
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#49
Dimethylphthalate
Concen: 7.142 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	152233		
194	3.3		2.6	4.0
164	9.5		8.4	12.6





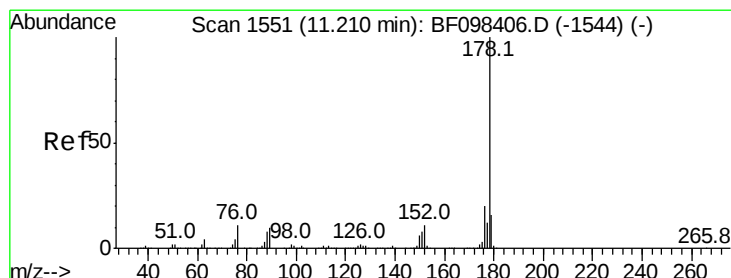
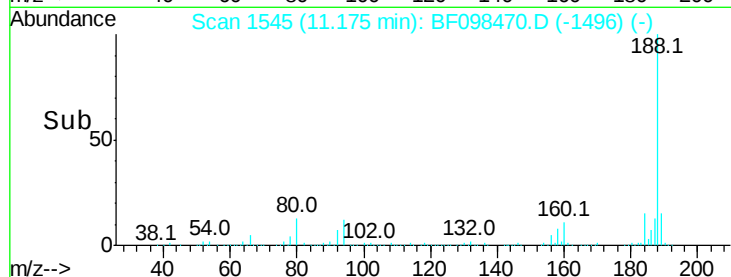
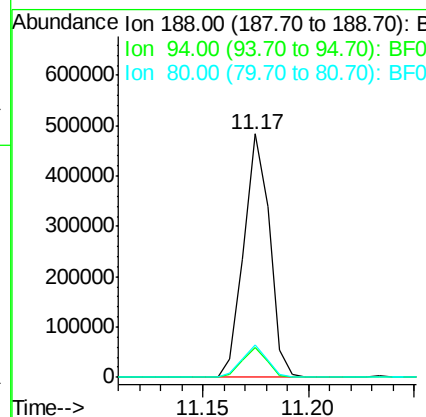
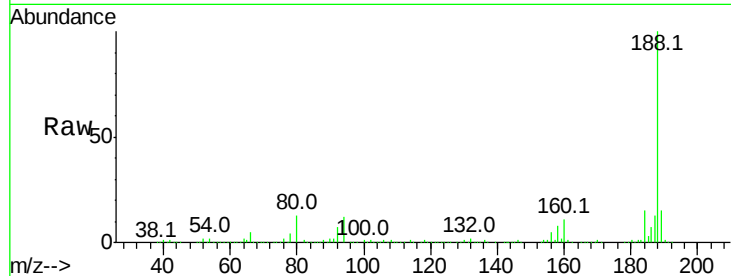
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098470.D
 Acq: 13 Sep 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 RL-13-0-16

Tot Ion	Ratio	Resp	Lower	Upper
188	100	409323		
94	12.1		9.4	14.2
80	13.1		10.2	15.2

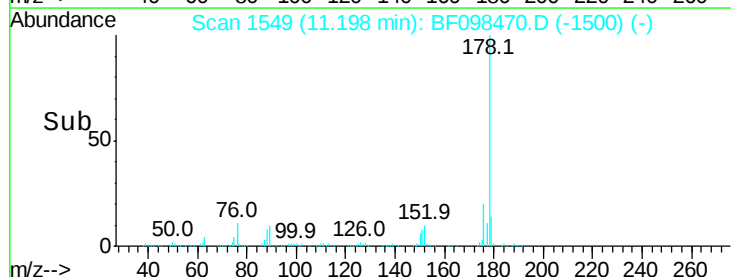
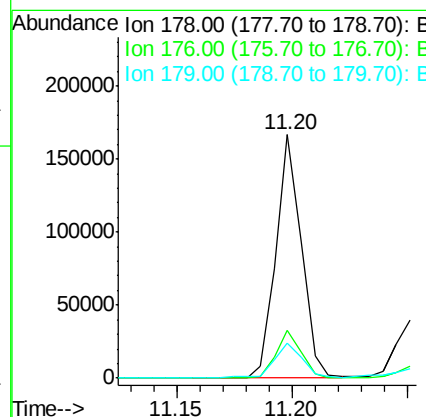
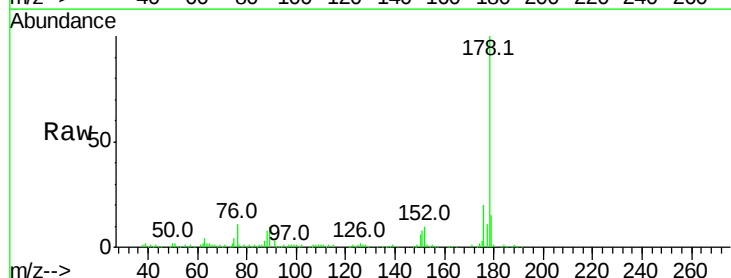
Manual Integrations
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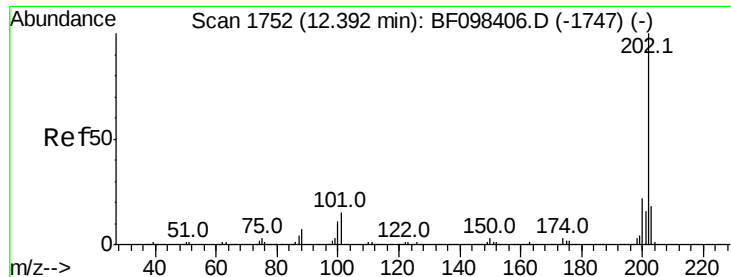
Sohil
 9/13/2017 5:00:24 PM



#70
 Phenanthrene
 Concen: 5.913 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF098470.D
 Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	128304		
176	19.7		16.2	24.4
179	14.5		12.6	19.0





#74

Fluoranthene

Concen: 12.356 ng

RT: 12.39 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Instrument :

BNA_F

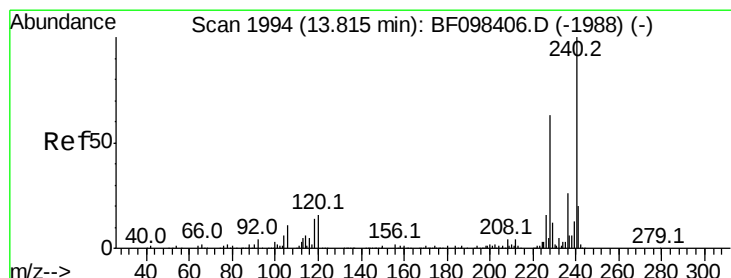
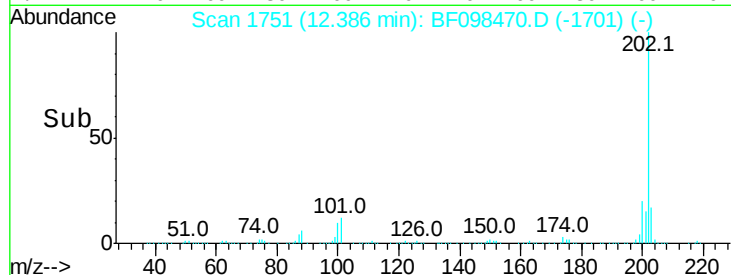
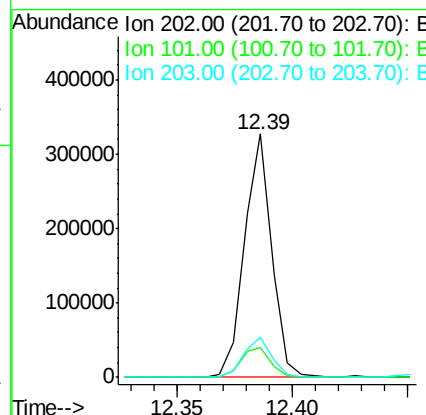
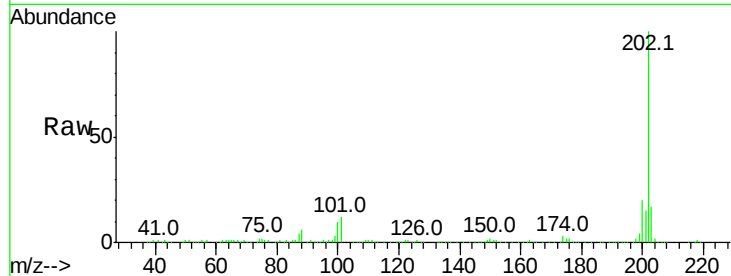
ClientSampleId :

RL-13-0-16

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.4	0.0	33.2
203	16.6	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

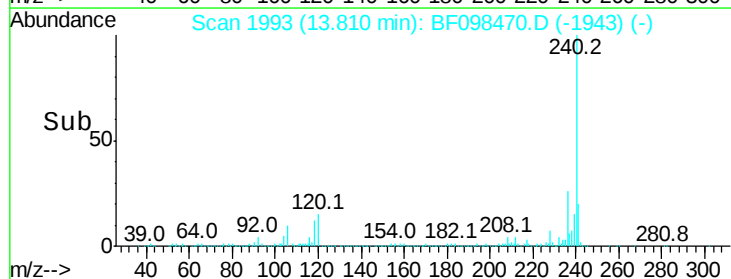
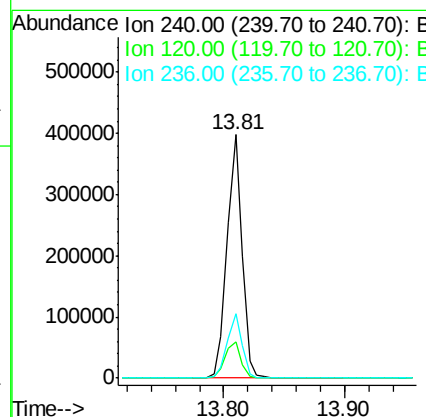
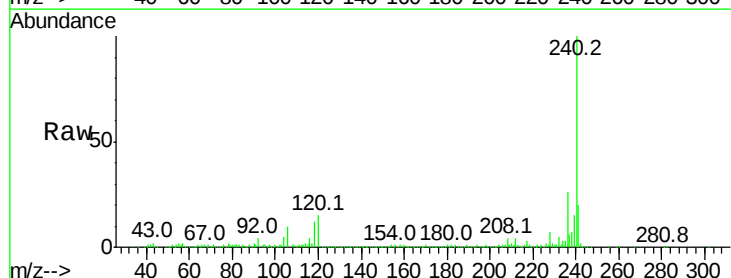
RT: 13.81 min Scan# 1993

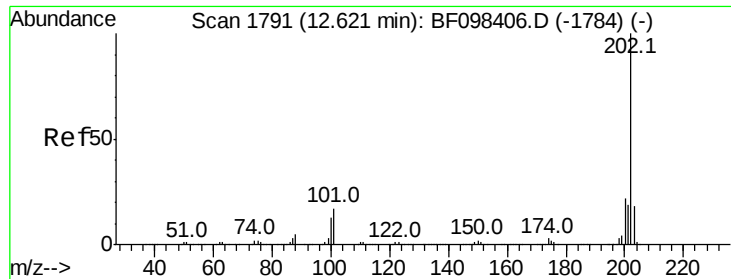
Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	26.4	20.5	30.7





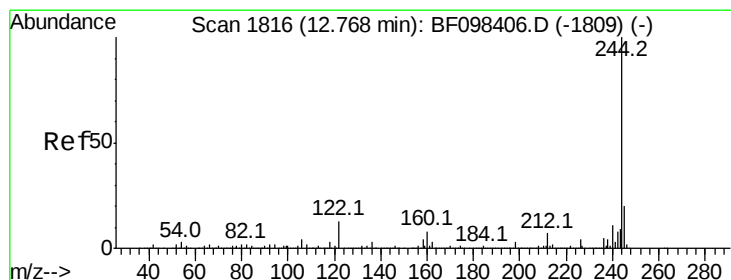
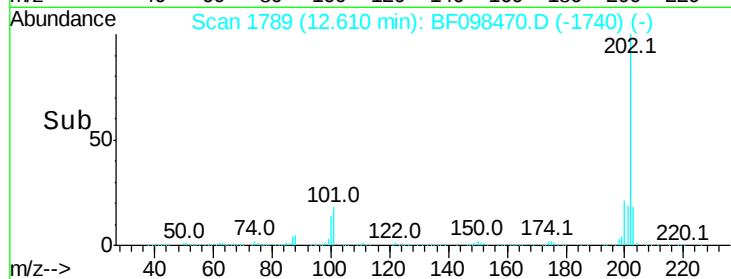
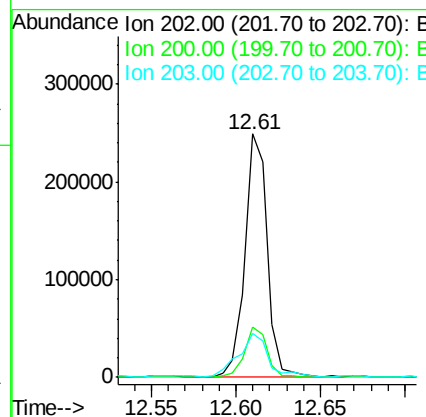
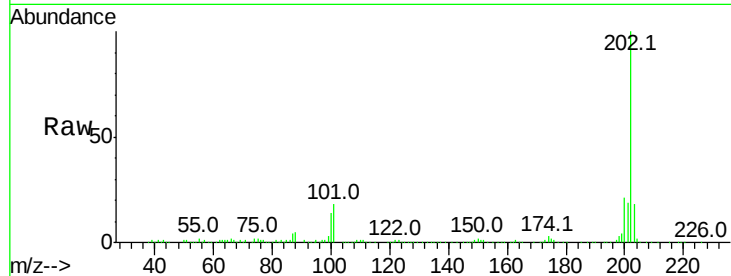
#77
Pvrene
Concen: 8.459 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	17.6	26.4	
203	18.3	14.4	21.6	

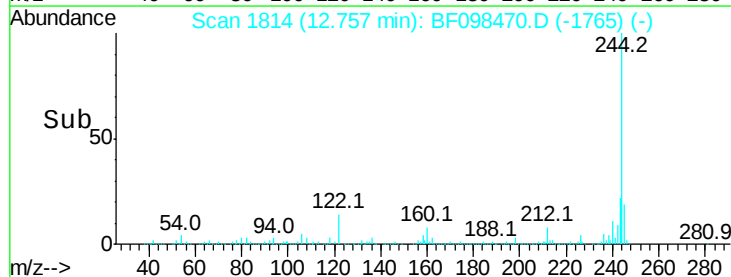
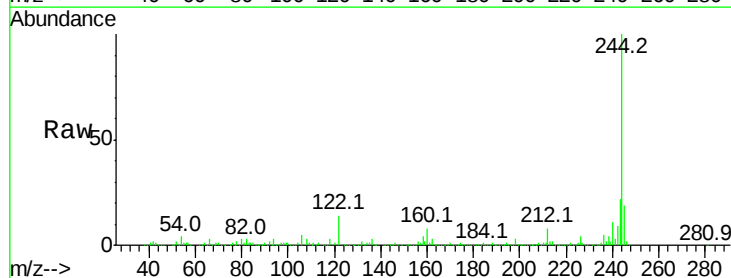
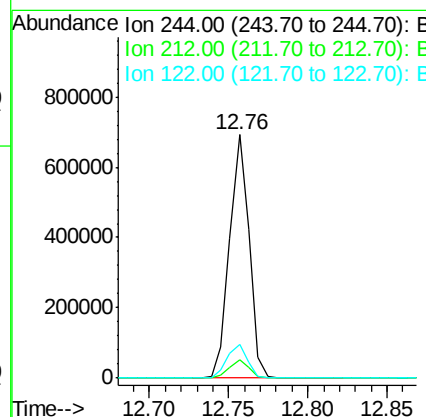
Manual Integrations
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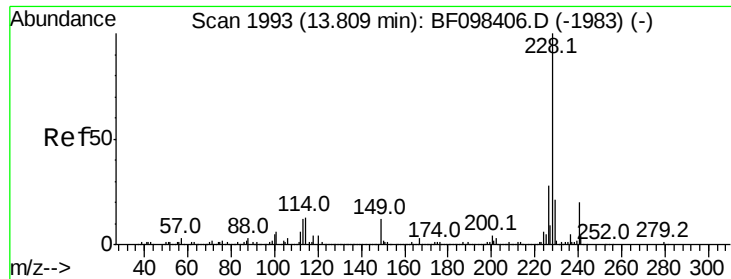
Sohil
9/13/2017 5:00:24 PM



#78
Terphenyl-d14
Concen: 37.311 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.0	9.0	
122	14.0	10.3	15.5	





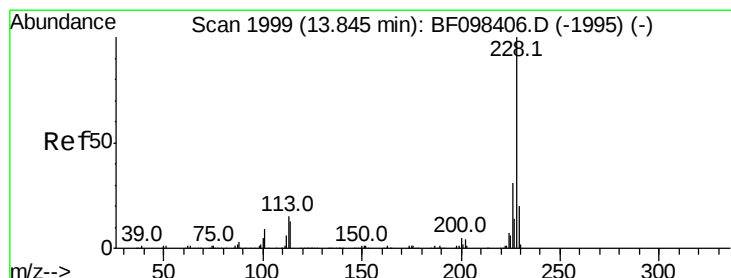
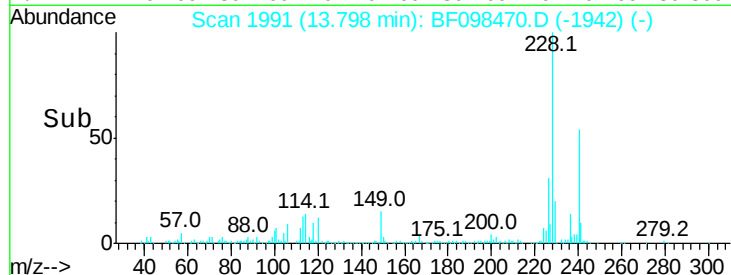
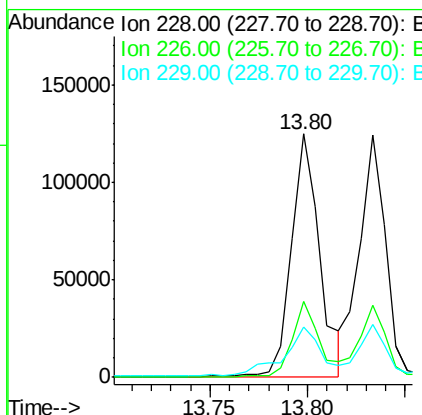
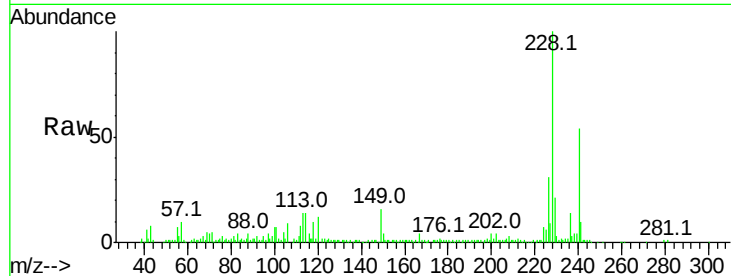
#80
Benzo(a)anthracene
Concen: 6.226 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	20.9	16.3	24.5

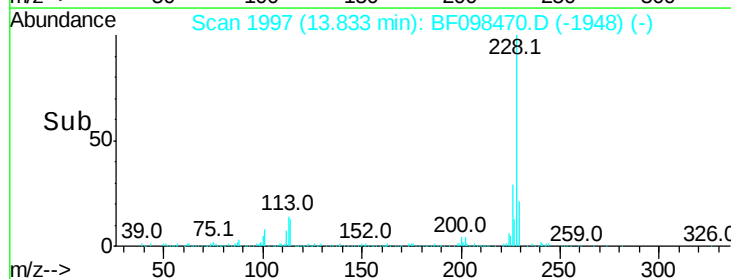
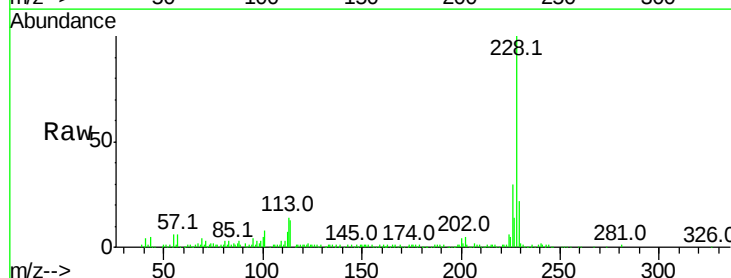
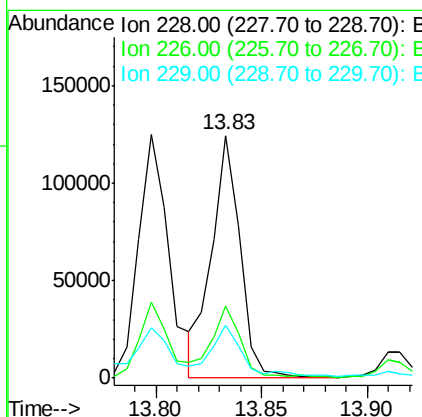
Manual Integrations
APPROVED

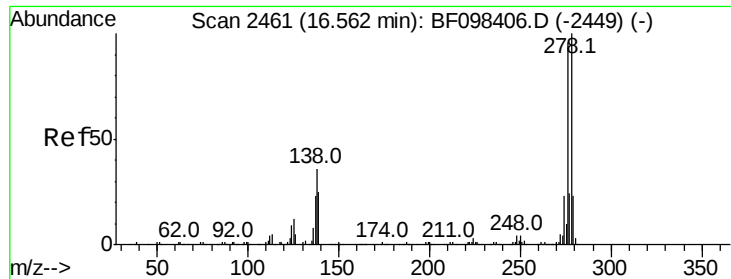
Sohil
9/13/2017 5:00:24 PM



#82
Chrysene
Concen: 5.727 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	22.0	15.8	23.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.628 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Instrument :

BNA_F

ClientSampled :

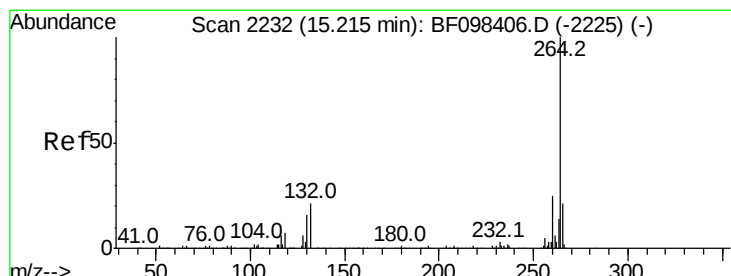
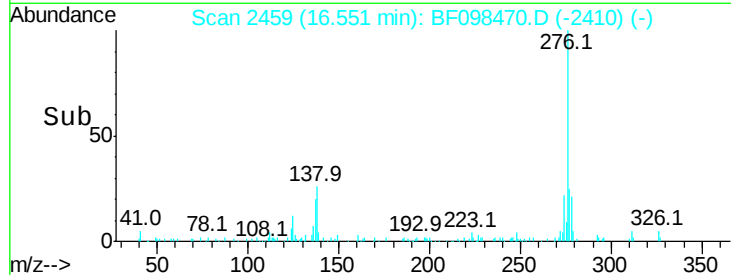
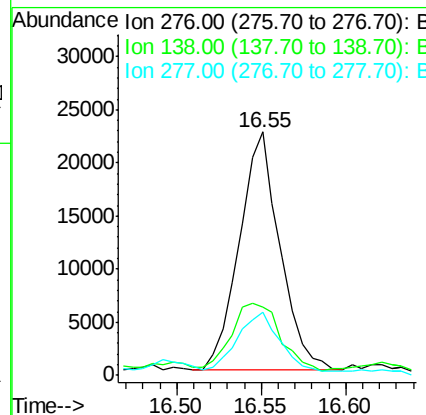
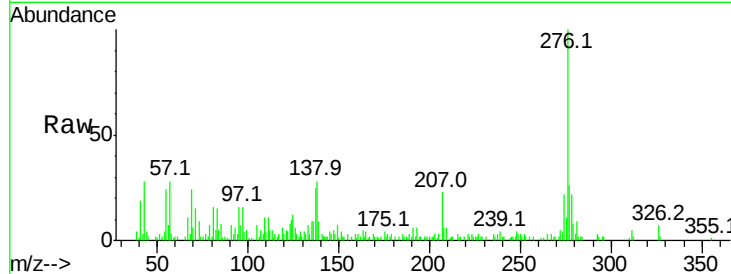
RL-13-0-16

Tot Ion:	276	Resp:	37436
Ion Ratio	Lower	Upper	
276	100		
138	33.8	27.8	41.6
277	26.6	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

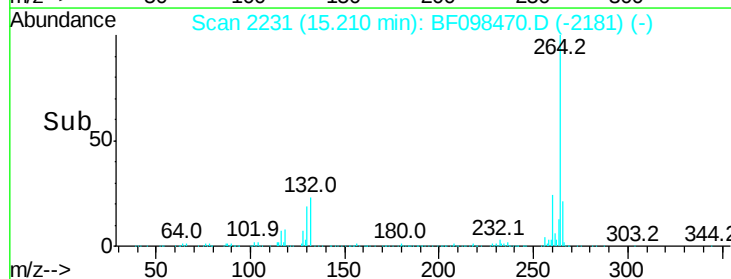
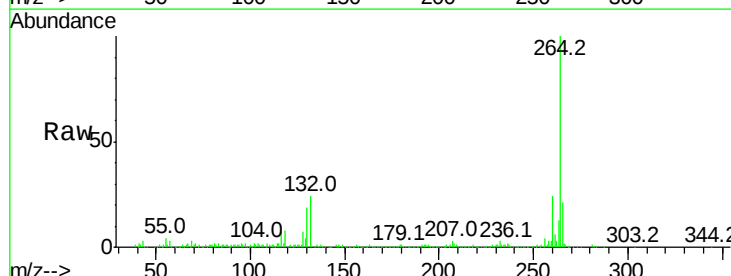
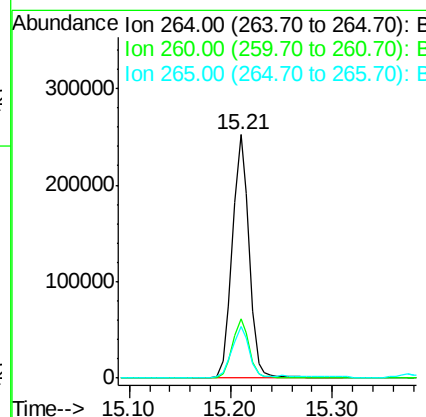
RT: 15.21 min Scan# 2231

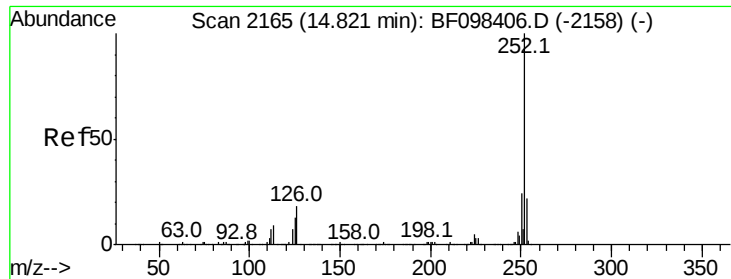
Delta R.T. -0.01 min

Lab File: BF098470.D

Acq: 13 Sep 2017 00:29

Tgt Ion:	264	Resp:	293362
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.5	29.3
265	21.0	17.2	25.8





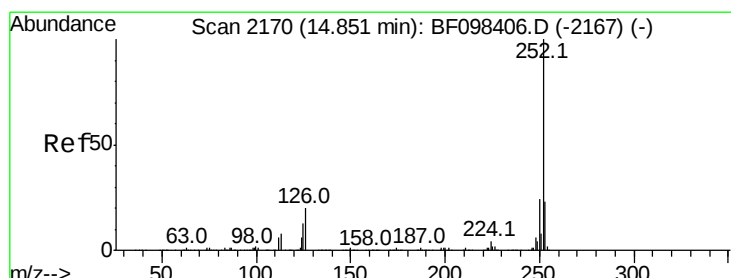
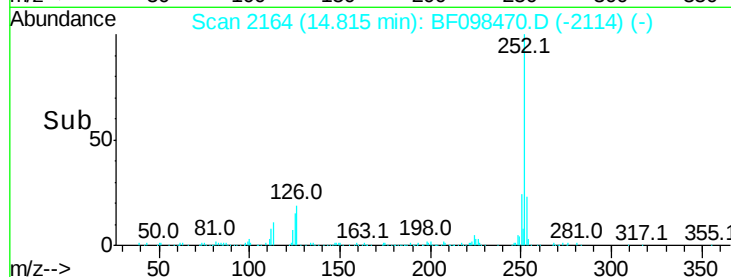
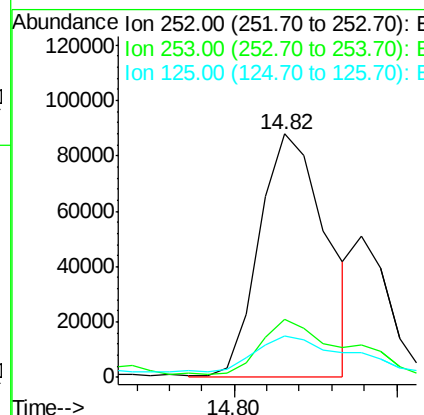
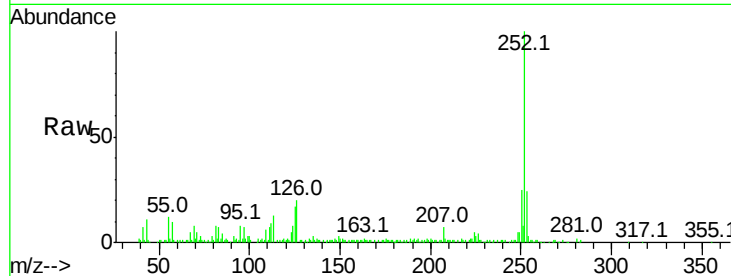
#87
Benzo(b)fluoranthene
Concen: 6.769 ng m
RT: 14.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
RL-13-0-16

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.1	27.1
125	17.2	9.8	14.8#

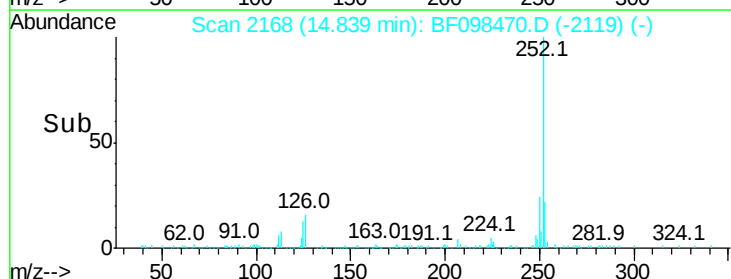
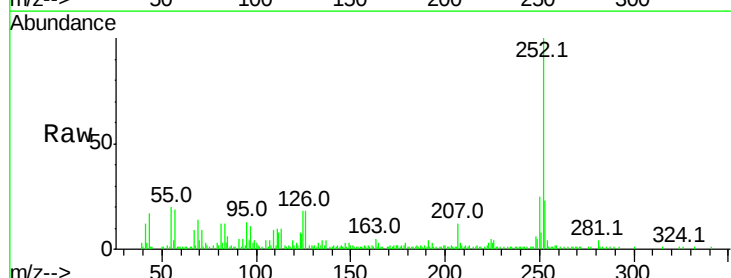
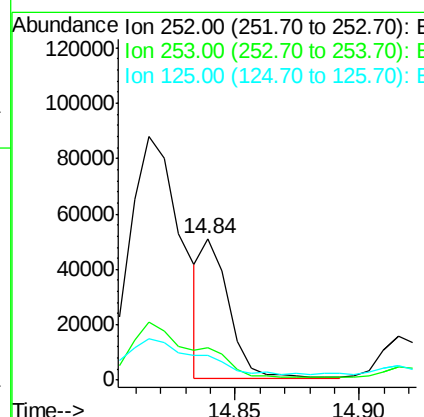
Manual Integrations
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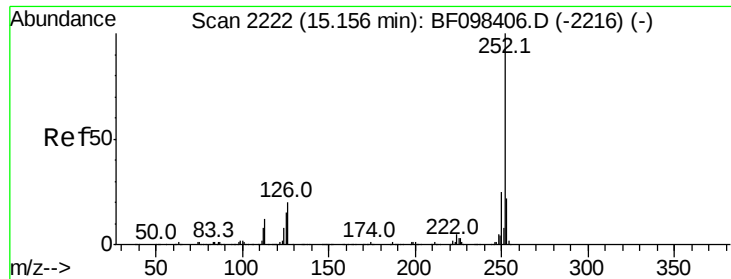
Sohil
9/13/2017 5:00:24 PM



#88
Benzo(k)fluoranthene
Concen: 2.317 ng m
RT: 14.84 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	17.8	13.1	19.7





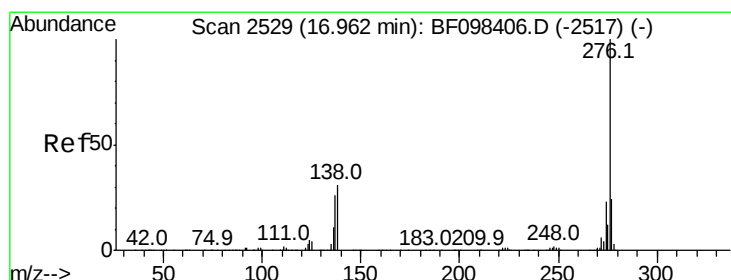
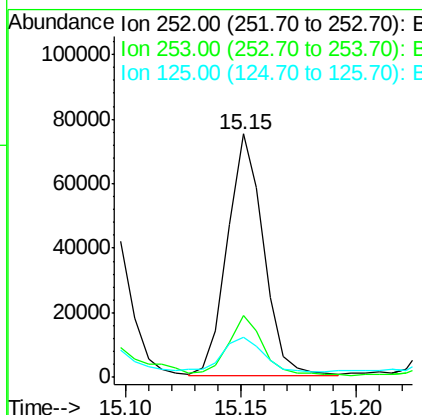
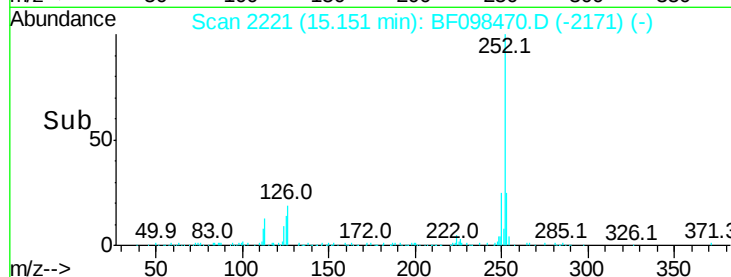
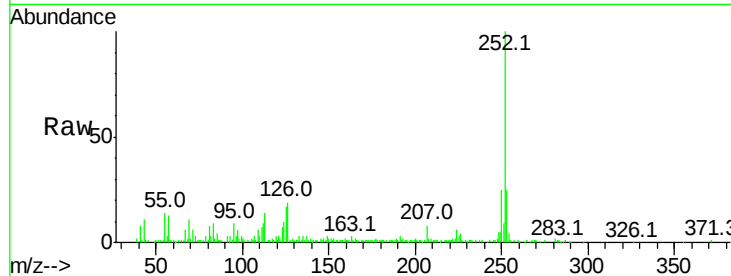
#89
Benzo(a)pyrene
Concen: 4.941 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Instrument :
BNA_F
ClientSampled :
RL-13-0-16

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	16.5	11.0	16.4

Manual Integrations
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Sohil
9/13/2017 5:00:24 PM



#91
Benzo(g,h,i)perylene
Concen: 2.838 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF098470.D
Acq: 13 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.6	28.0
138	26.5	25.4	38.0

