

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107398.D
 Acq On : 14 Jul 2018 6:14
 Operator : JU/SJ
 Sample : PB111110BSD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Manual Integrations
 APPROVED

Sohil

Quant Time: Jul 14 06:56:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

7/16/2018 3:22:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	49516	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	174249	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	84432	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	166458	20.00	ng	0.00
75) Chrysene-d12	14.13	240	139517	20.00	ng	0.00
86) Perylene-d12	15.67	264	115652	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	233490	79.85	ng	0.00
7) Phenol-d6	6.57	99	272878	74.73	ng	0.00
23) Nitrobenzene-d5	7.50	82	247799	79.03	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	75021	76.66	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	442842	89.57	ng	0.00
78) Terphenyl-d14	13.05	244	542603	94.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	45739	30.424	ng	99
3) Pyridine	3.60	79	129056	31.653	ng	95
4) n-Nitrosodimethylamine	3.57	42	53877	31.112	ng	84
6) Aniline	6.60	93	109765	22.159	ng	# 78
8) 2-Chlorophenol	6.72	128	115472	36.003	ng	98
9) Benzaldehyde	6.48	77	72088	26.442	ng	97
10) Phenol	6.59	94	146250	35.093	ng	75
11) bis(2-Chloroethyl)ether	6.66	93	115773	33.650	ng	99
12) 1,3-Dichlorobenzene	6.87	146	136915	36.448	ng	98
13) 1,4-Dichlorobenzene	6.94	146	139866	36.828	ng	97
14) 1,2-Dichlorobenzene	7.10	146	126817	36.436	ng	98
15) Benzyl Alcohol	7.07	79	91463	31.192	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	162423	35.981	ng	# 35
17) 2-Methylphenol	7.19	107	97403	35.487	ng	# 89
18) Hexachloroethane	7.43	117	39563	29.623	ng	90
19) n-Nitroso-di-n-propylamine	7.34	70	82227	34.160	ng	92
20) 3+4-Methylphenols	7.35	107	127530	42.332	ng	96
22) Acetophenone	7.34	105	160160	41.084	ng	# 97
24) Nitrobenzene	7.51	77	121938	38.092	ng	97
25) Isophorone	7.75	82	217670	39.396	ng	97
26) 2-Nitrophenol	7.83	139	49904	33.023	ng	99
27) 2,4-Dimethylphenol	7.87	122	102606	43.928	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	142204	38.333	ng	98
29) 2,4-Dichlorophenol	8.08	162	97273	39.778	ng	92
30) 1,2,4-Trichlorobenzene	8.15	180	111514	41.395	ng	97
31) Naphthalene	8.23	128	319718	39.245	ng	99
32) Benzoic acid	8.00	122	30893m	21.743	ng	
33) 4-Chloroaniline	8.29	127	60055	17.569	ng	99
34) Hexachlorobutadiene	8.34	225	73666	41.967	ng	98
35) Caprolactam	8.67	113	28385	35.609	ng	98
36) 4-Chloro-3-methylphenol	8.78	107	95801	37.220	ng	96
37) 2-Methylnaphthalene	8.92	142	225075	41.682	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	117290	41.250	ng	# 95
42) 2,4,6-Trichlorophenol	9.22	196	61646	32.616	ng	94

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Manual Integrations
 APPROVED

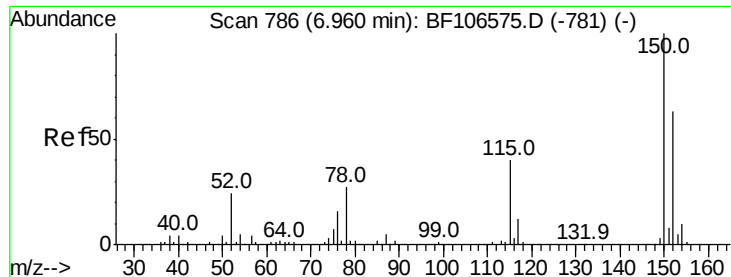
Sohil

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.27	196	59609	30.224	nq	# 89
45) 1,1'-Biphenyl	9.39	154	268799	39.947	nq	97
46) 2-Chloronaphthalene	9.42	162	193204	36.477	nq	97
47) 2-Nitroaniline	9.53	65	61480	34.519	nq	98
48) Acenaphthylene	9.84	152	299177	35.777	nq	99
49) Dimethylphthalate	9.69	163	222309	35.106	nq	99
50) 2,6-Dinitrotoluene	9.77	165	47442	35.380	nq	93
51) Acenaphthene	10.01	154	179778	34.141	nq	97
52) 3-Nitroaniline	9.94	138	48677	31.546	nq	100
53) 2,4-Dinitrophenol	10.08	184	8787	17.113	nq	# 22
54) Dibenzofuran	10.18	168	272109	37.738	nq	95
55) 4-Nitrophenol	10.14	139	22516	20.905	nq	100
56) 2,4-Dinitrotoluene	10.18	165	57507	32.856	nq	# 92
57) Fluorene	10.53	166	220131	38.473	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	52458	33.461	nq	# 70
59) Diethylphthalate	10.39	149	215406	35.243	nq	# 93
60) 4-Chlorophenyl-phenylether	10.51	204	115932	38.724	nq	# 85
61) 4-Nitroaniline	10.57	138	51262	33.474	nq	91
62) Azobenzene	10.67	77	201872	33.541	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	12174	11.831	nq	76
65) n-Nitrosodiphenylamine	10.64	169	187286	33.451	nq	98
66) 4-Bromophenyl-phenylether	11.01	248	74696	37.600	nq	# 77
67) Hexachlorobenzene	11.08	284	79748	38.354	nq	# 87
68) Atrazine	11.16	200	63403	35.622	nq	95
69) Pentachlorophenol	11.29	266	17409m	16.780	nq	
70) Phenanthrene	11.50	178	321150	40.001	nq	99
71) Anthracene	11.55	178	335018	40.882	nq	99
72) Carbazole	11.71	167	295774	38.551	nq	97
73) Di-n-butylphthalate	12.01	149	334149	36.968	nq	99
74) Fluoranthene	12.69	202	361084	40.804	nq	96
76) Benzidine	12.82	184	178531	44.931	nq	97
77) Pyrene	12.93	202	366615	39.849	nq	100
79) Butylbenzylphthalate	13.52	149	144167	38.113	nq	# 97
80) Benzo(a)anthracene	14.12	228	320719	37.718	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	105411	35.272	nq	# 96
82) Chrysene	14.16	228	303210	38.760	nq	98
83) Bis(2-ethylhexyl)phthalate	14.07	149	188005	38.876	nq	# 96
84) Di-n-octyl phthalate	14.69	149	324721	41.193	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	250239	37.694	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	264094	36.760	nq	# 96
88) Benzo(k)fluoranthene	15.24	252	266353	38.932	nq	# 94
89) Benzo(a)pyrene	15.60	252	249944	39.136	nq	# 97
90) Dibenzo(a,h)anthracene	17.25	278	212435	39.248	nq	# 92
91) Benzo(g,h,i)perylene	17.74	276	206755	39.081	nq	# 91

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



#1

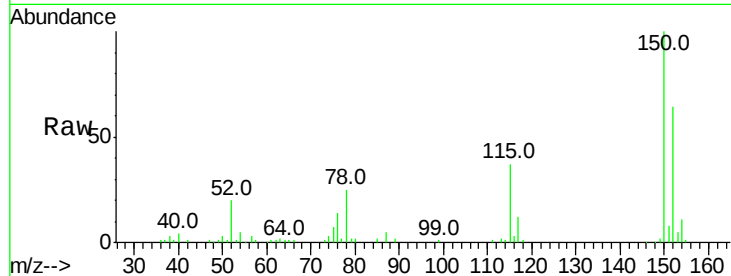
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	58.8	50.1	75.1

Manual Integrations
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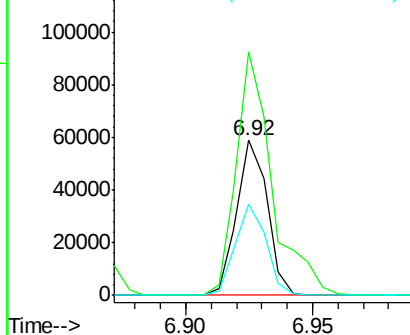


Abundance

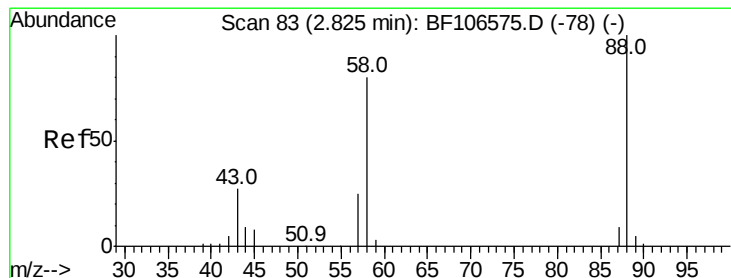
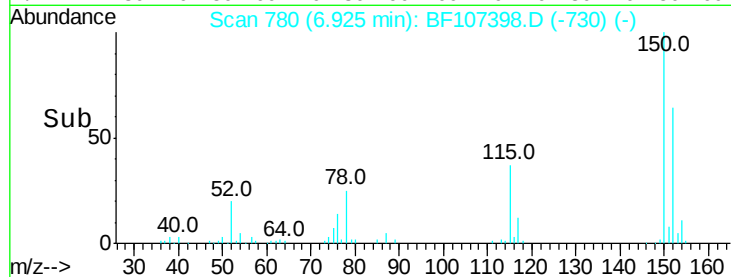
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



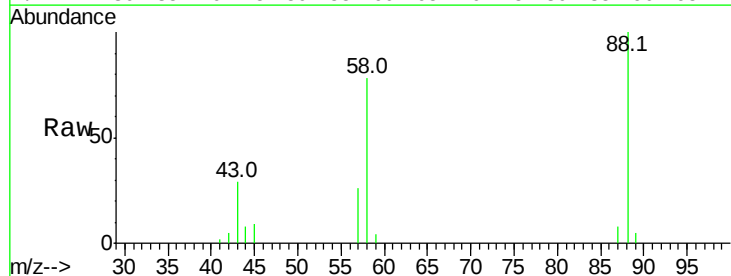
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#2

1,4-Dioxane
Concen: 30.424 ng
RT: 2.81 min Scan# 81
Delta R.T. 0.04 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	62.6	93.8
43	29.4	24.6	37.0

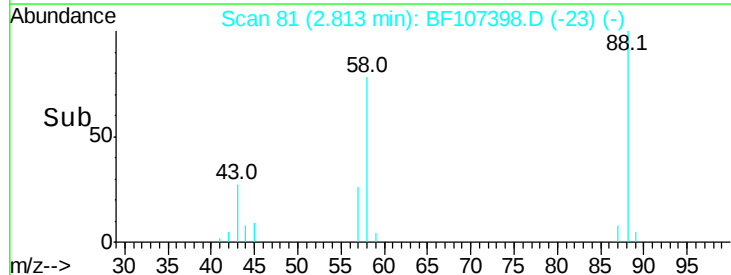
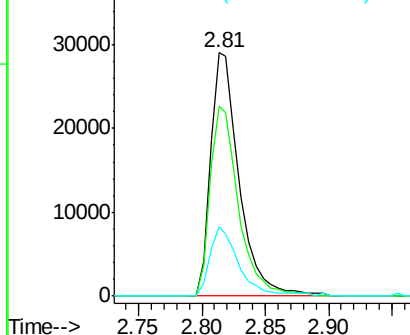


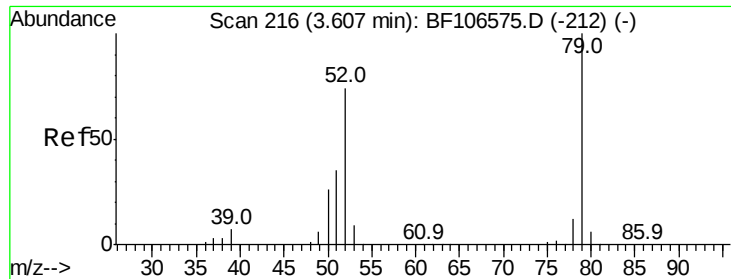
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 31.653 ng
 RT: 3.60 min Scan# 214
 Delta R.T. 0.04 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

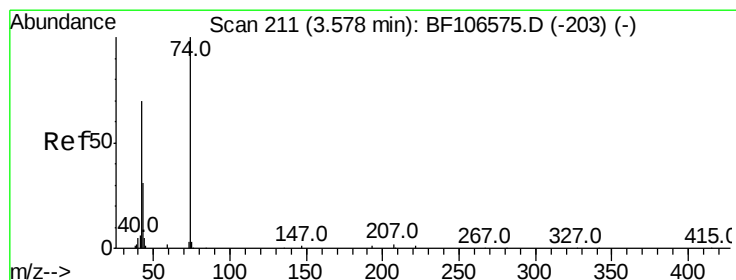
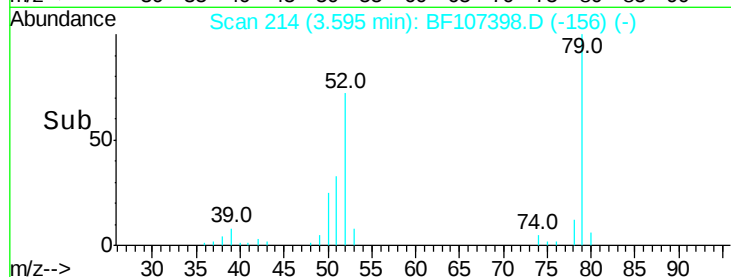
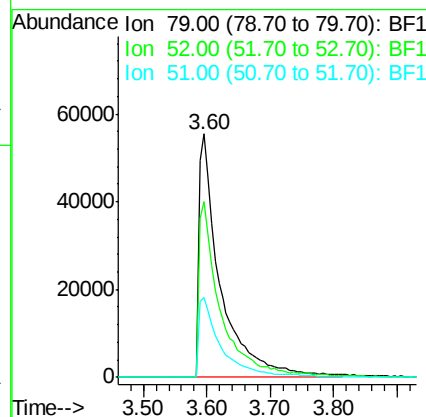
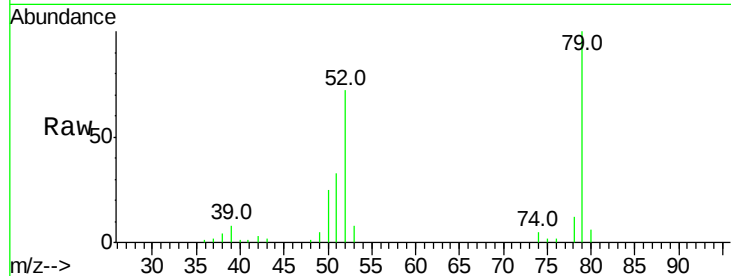
Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	72.2	59.8		89.6	
51	32.6	29.8		44.8	

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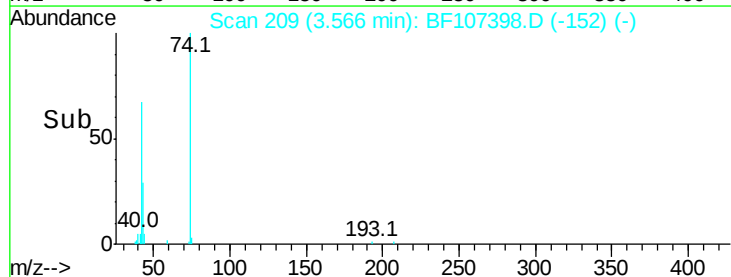
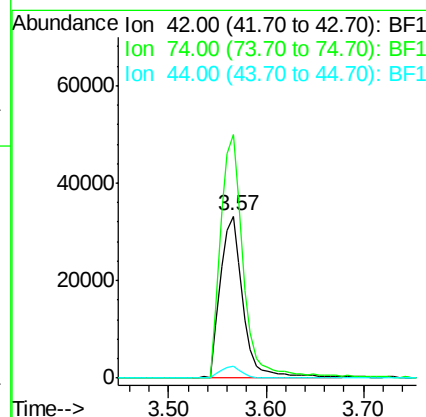
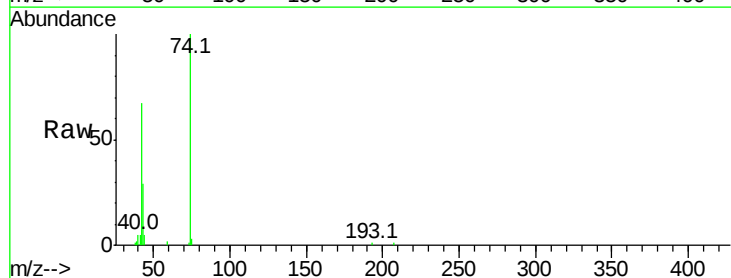
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#4
 n-Nitrosodimethylamine
 Concen: 31.112 ng
 RT: 3.57 min Scan# 209
 Delta R.T. 0.04 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	150.3	104.9		157.3	
44	7.7	6.9		10.3	





#5

2-Fluorophenol

Concen: 79.847 ng

RT: 5.57 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

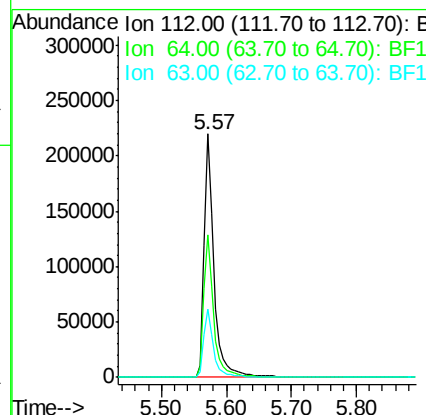
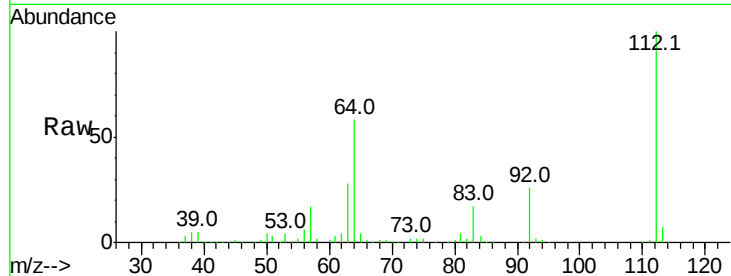
ClientSampleId :

PB111110BSD

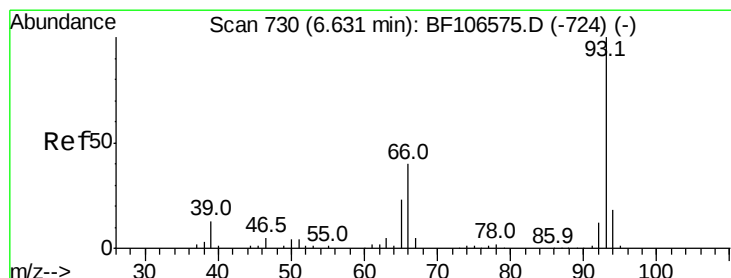
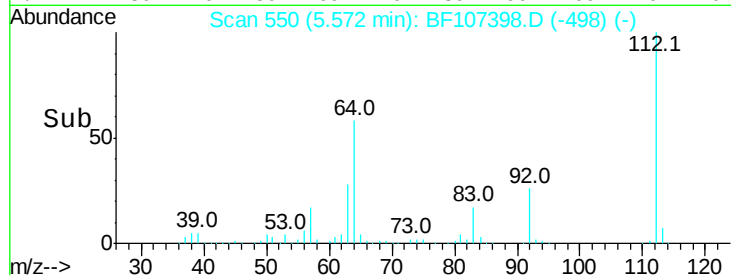
Tot Ion:	112	Resp:	233490
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 22.159 ng

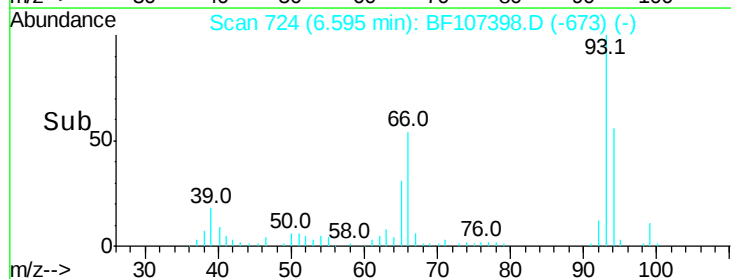
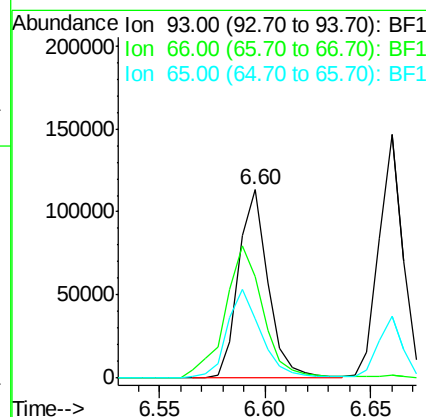
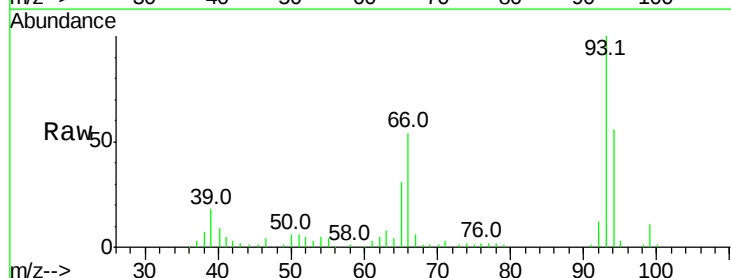
RT: 6.60 min Scan# 724

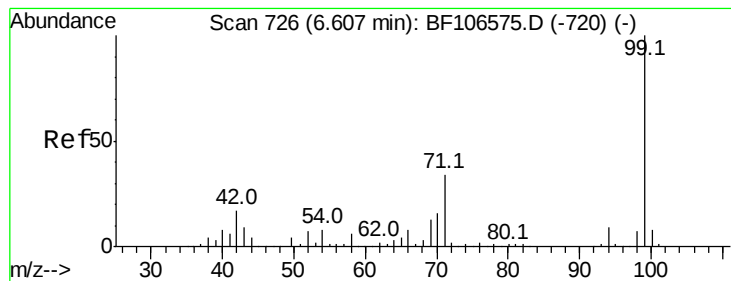
Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	93	Resp:	109765
Ion Ratio	Lower	Upper	
93	100		
66	53.8	32.2	48.2#
65	31.3	16.4	24.6#





#7

Phenol-d6

Concen: 74.725 ng

RT: 6.57 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tot Ion: 99 Resp: 272878

Ion Ratio Lower Upper

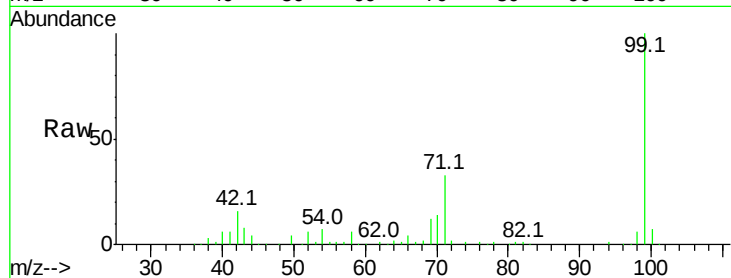
99 100

42 16.0 14.5 21.7

71 33.3 25.4 38.0

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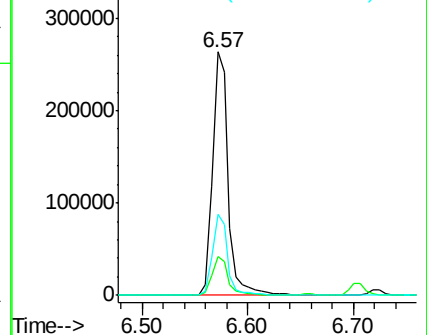
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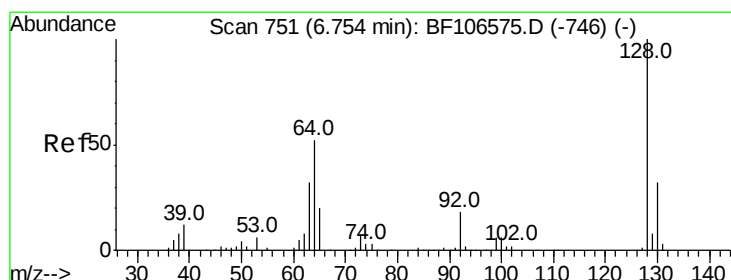
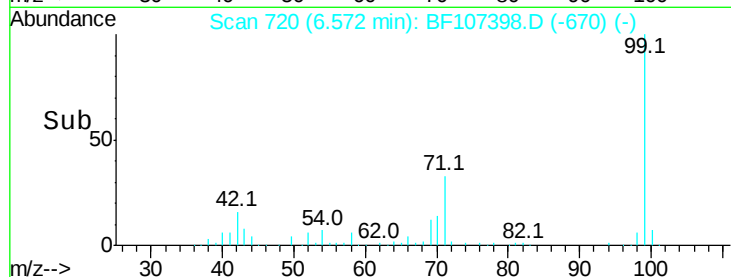
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 36.003 ng

RT: 6.72 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

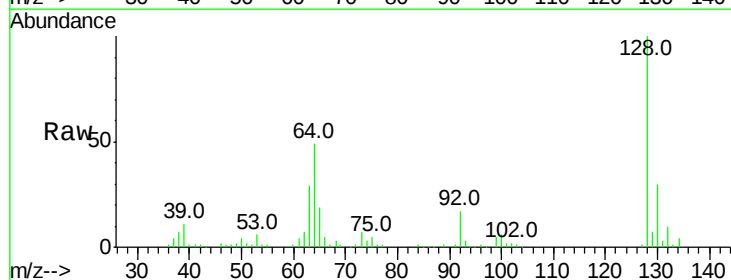
Tgt Ion: 128 Resp: 115472

Ion Ratio Lower Upper

128 100

130 30.2 13.0 53.0

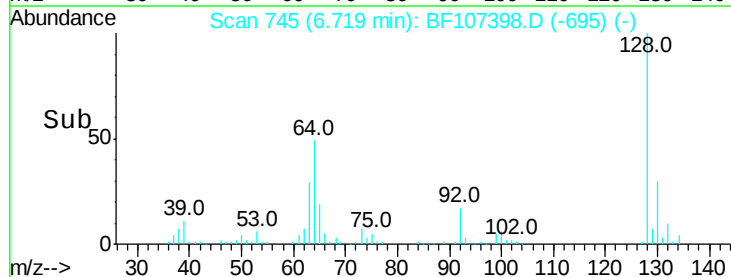
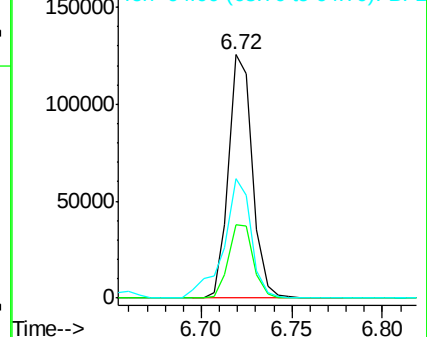
64 49.2 29.4 69.4

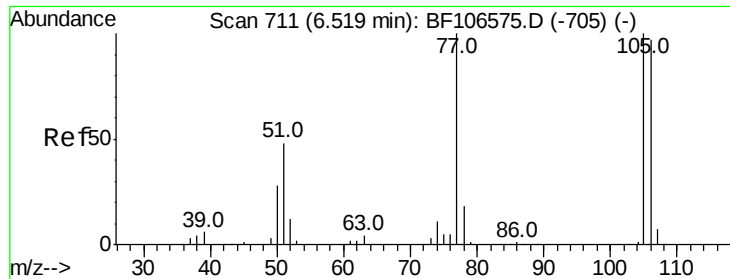


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.442 ng

RT: 6.48 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

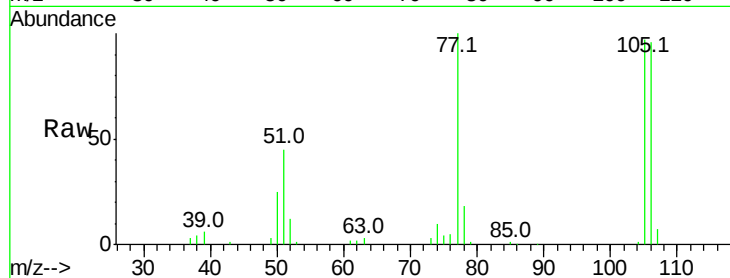
ClientSampleID :

PB111110BSD

Tot Ion:	77	Resp:	72088
Ion	Ratio	Lower	Upper
77	100		
105	96.6	81.1	121.1
106	95.8	74.5	114.5

Manual Integrations
APPROVED

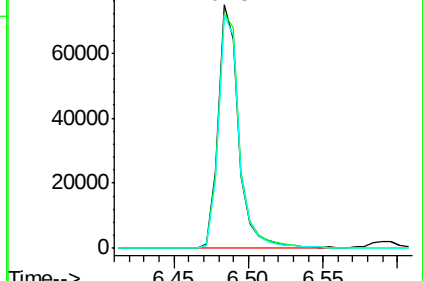
Sohil



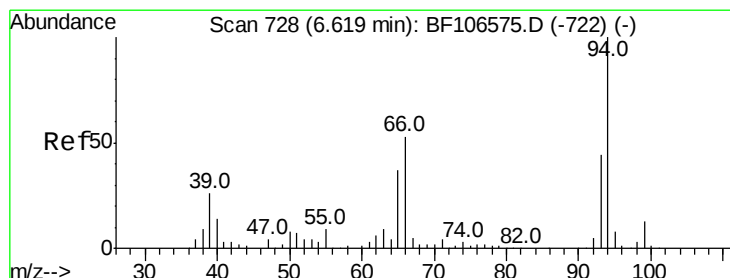
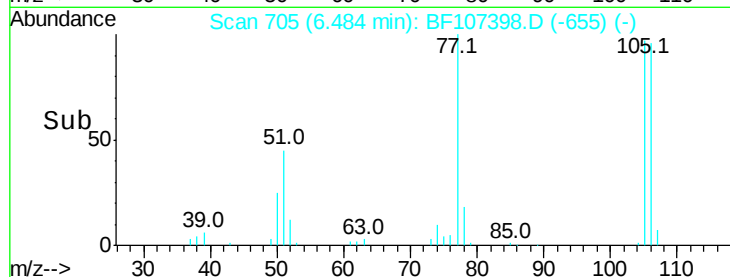
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 35.093 ng

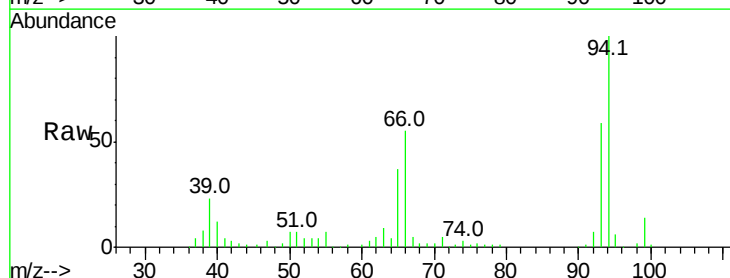
RT: 6.59 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

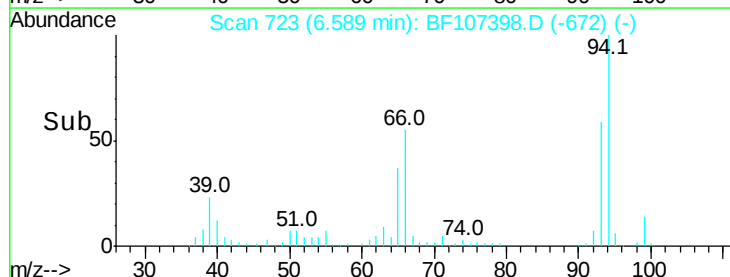
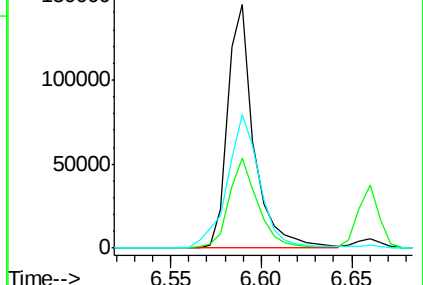
Tgt Ion:	94	Resp:	146250
Ion	Ratio	Lower	Upper
94	100		
65	37.0	7.9	47.9
66	55.0	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 33.650 ng

RT: 6.66 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

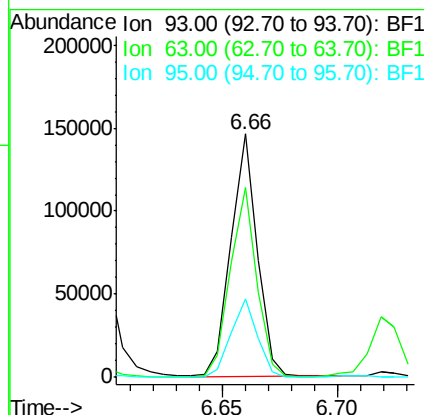
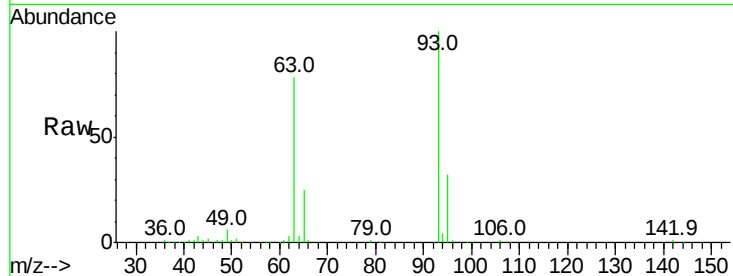
ClientSampleId :

PB111110BSD

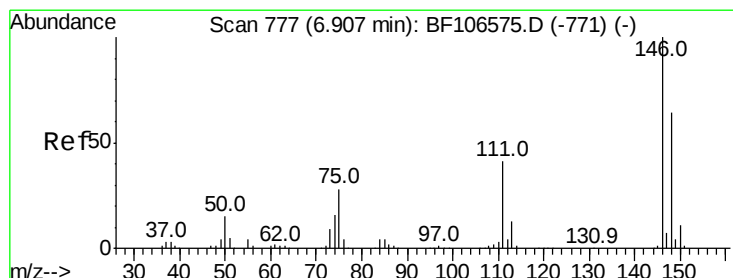
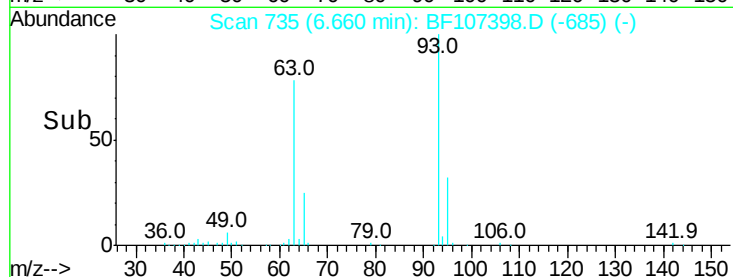
Tot Ion:	93	Resp:	115773
Ion Ratio	Lower	Upper	
93	100		
63	78.2	58.6	98.6
95	32.4	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.448 ng

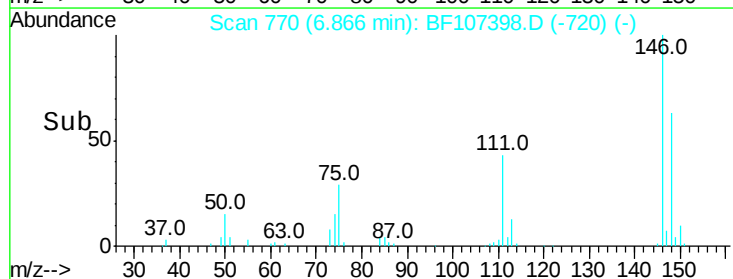
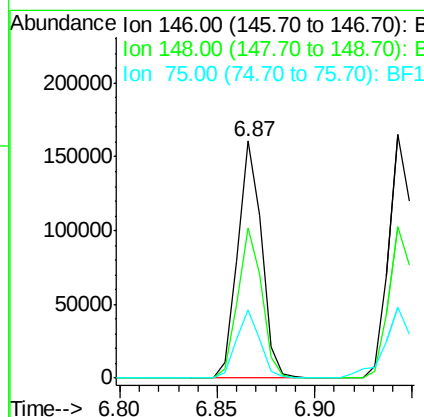
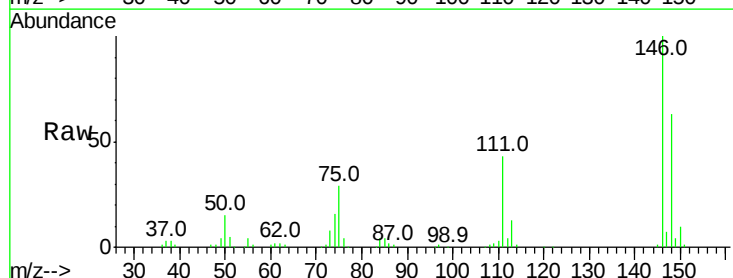
RT: 6.87 min Scan# 770

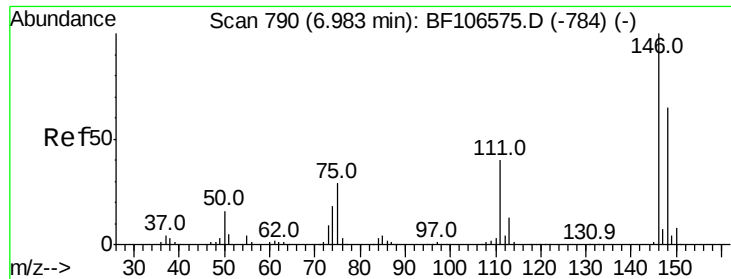
Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	146	Resp:	136915
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.8	77.8
75	28.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.828 ng

RT: 6.94 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

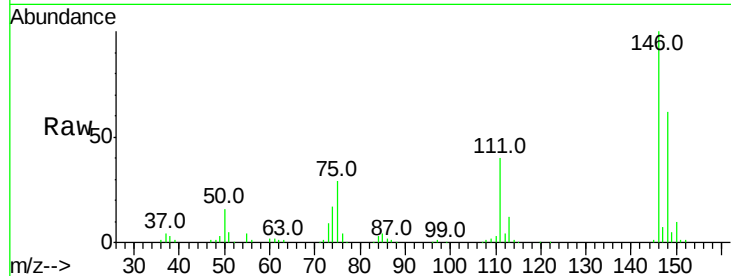
ClientSampleId :

PB111110BSD

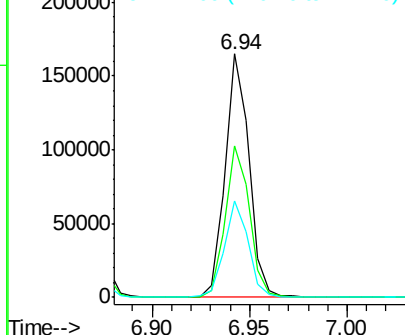
Tot Ion:	146	Resp:	139866
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.8	76.2
111	39.8	34.2	51.2

Manual Integrations
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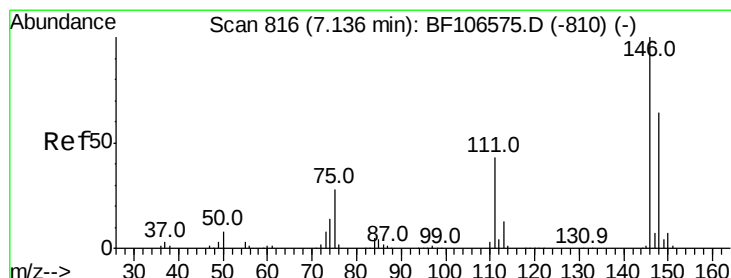
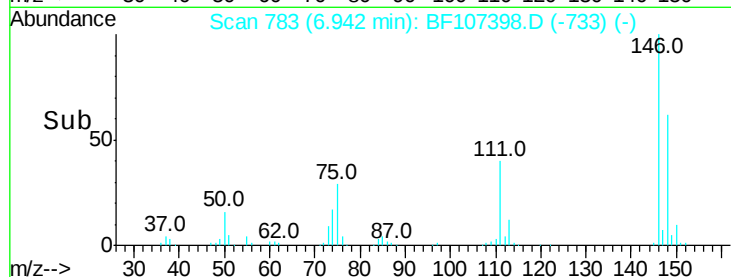
Sohil



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 36.436 ng

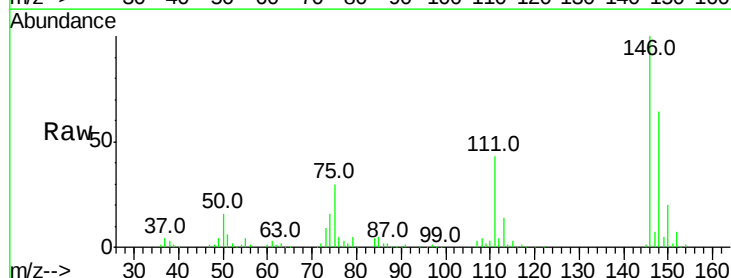
RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

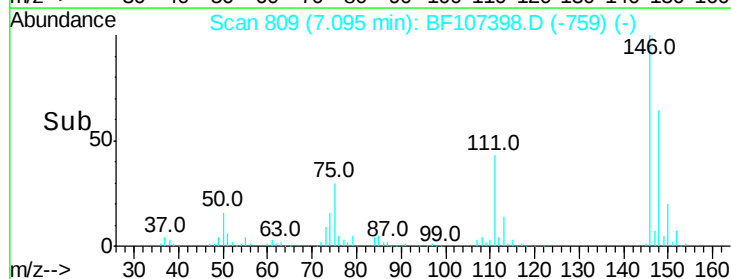
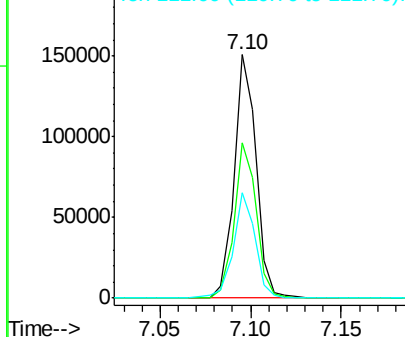
Lab File: BF107398.D

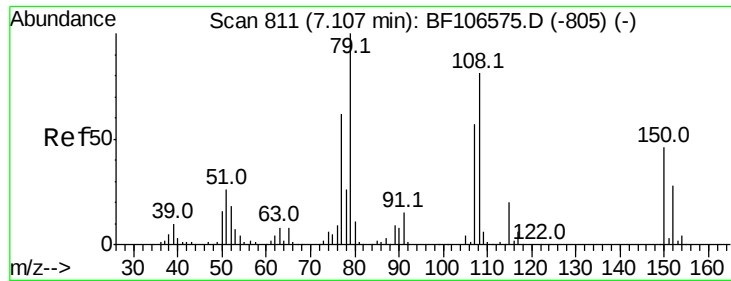
Acq: 14 Jul 2018 6:14

Tgt Ion:	146	Resp:	126817
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	43.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





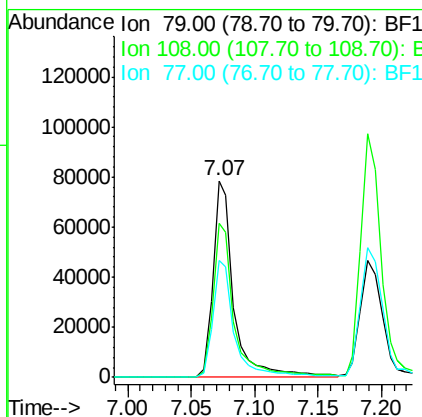
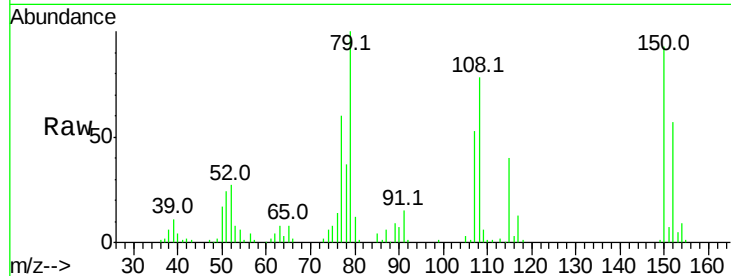
#15
Benzyl Alcohol
Concen: 31.192 ng
RT: 7.07 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

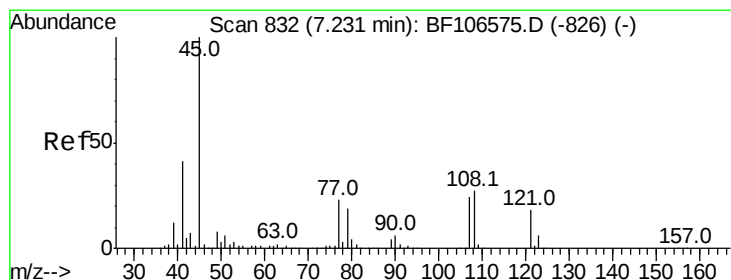
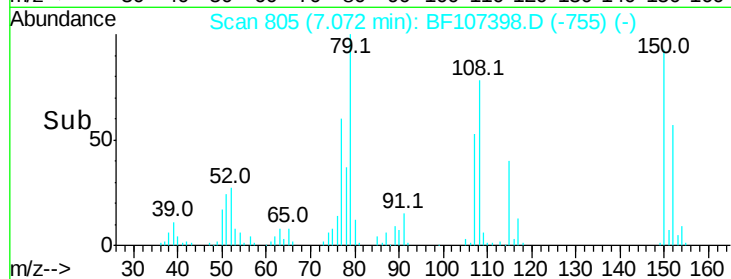
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.1	97.7
77	59.5	50.6	75.8

Manual Integrations
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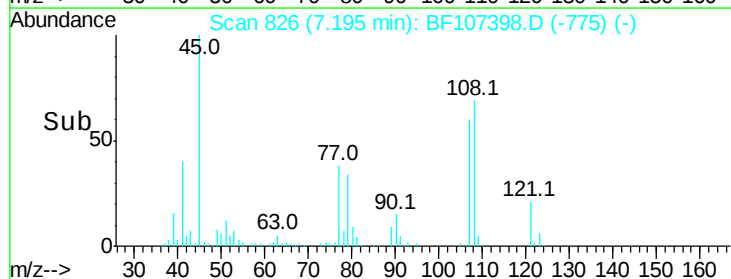
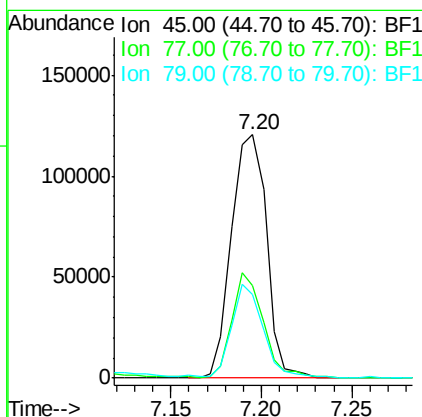
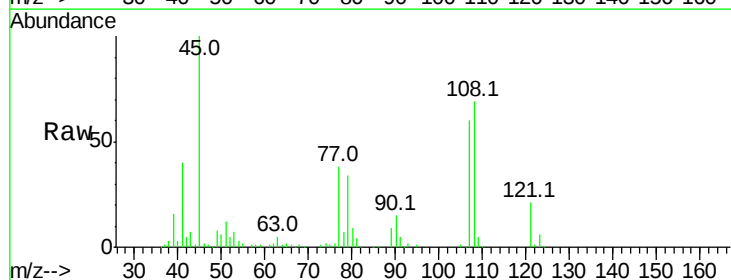


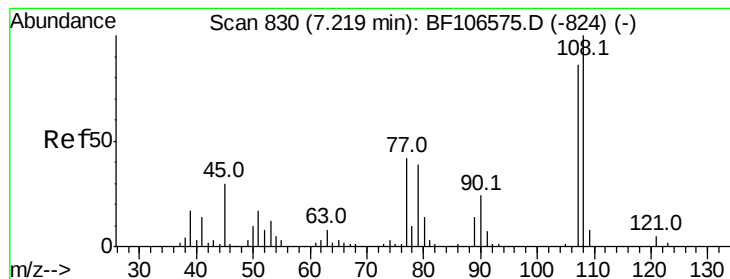
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.981 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.2	0.0	32.9#
79	34.2	0.0	29.6#





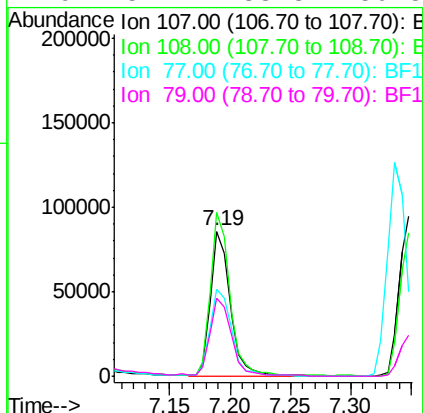
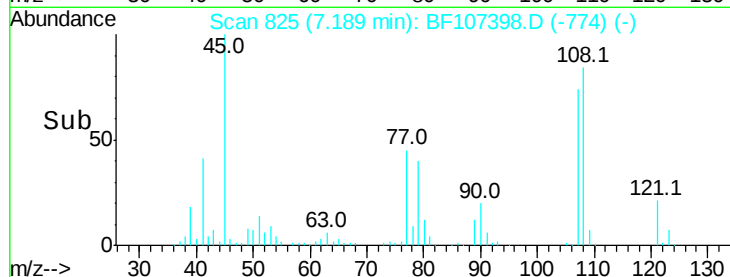
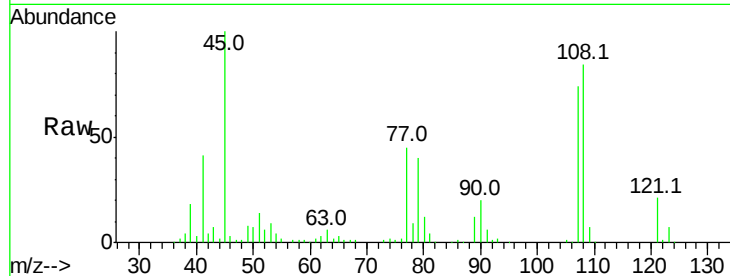
#17
2-Methylphenol
Concen: 35.487 ng
RT: 7.19 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

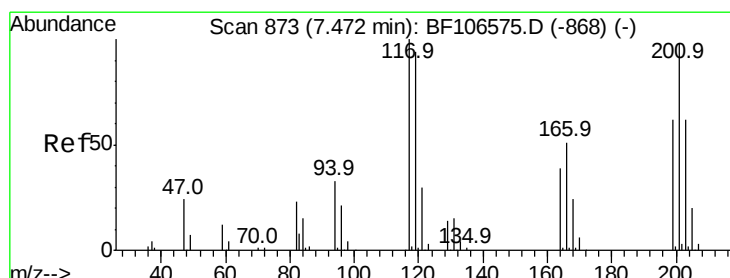
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	60.5	33.8	50.8#
79	54.2	33.8	50.8#

Manual Integrations
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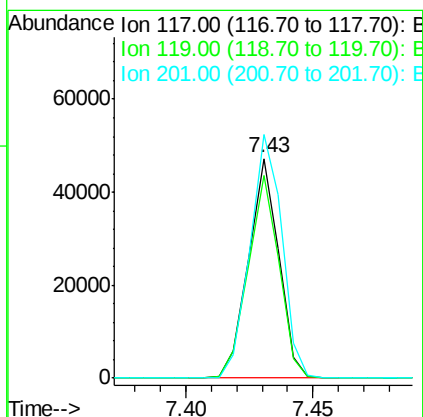
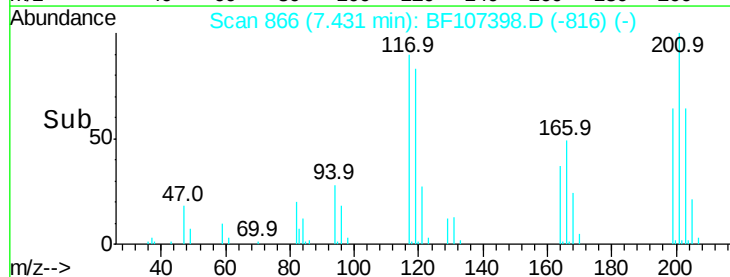
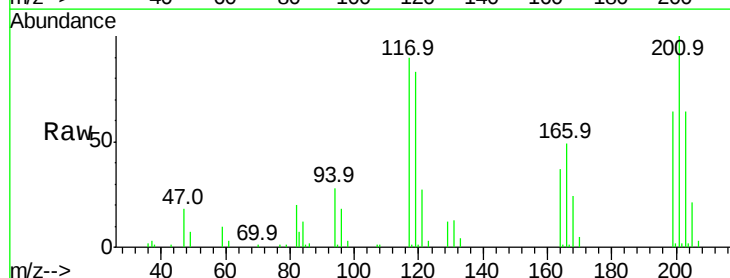


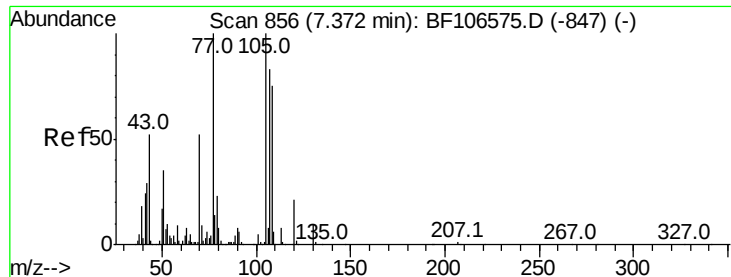
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#18
Hexachloroethane
Concen: 29.623 ng
RT: 7.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.8	113.8
201	111.0	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 34.160 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

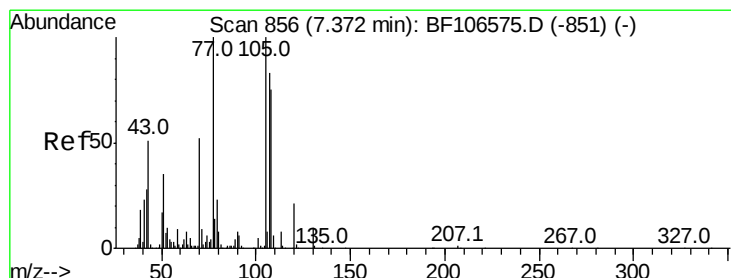
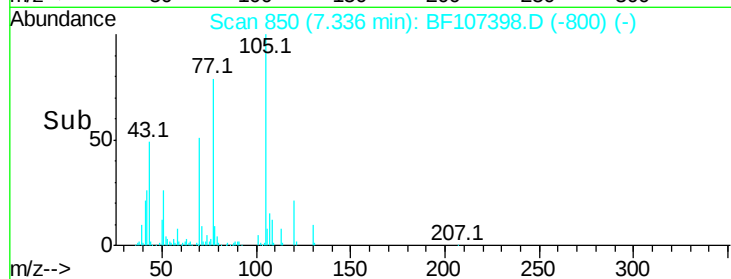
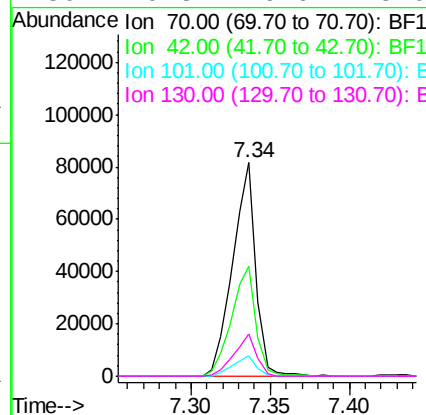
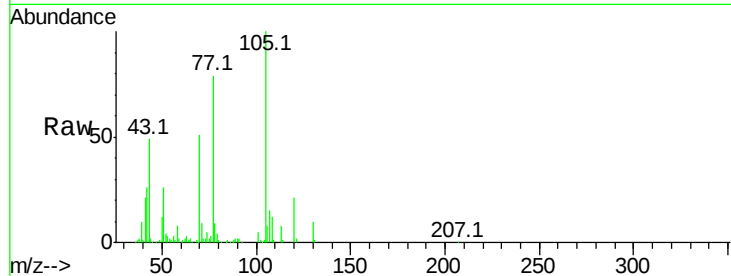
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	70	Resp	82227
Ion Ratio	Lower	Upper	
70	100		
42	51.6	47.5	71.3
101	9.9	7.4	11.2
130	19.8	16.6	25.0

Manual Integrations
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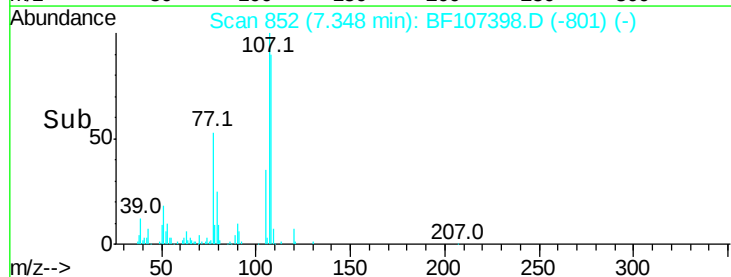
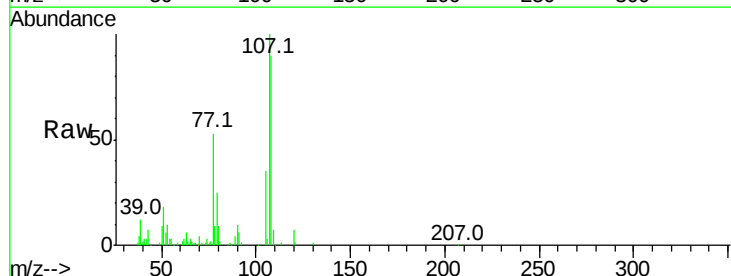
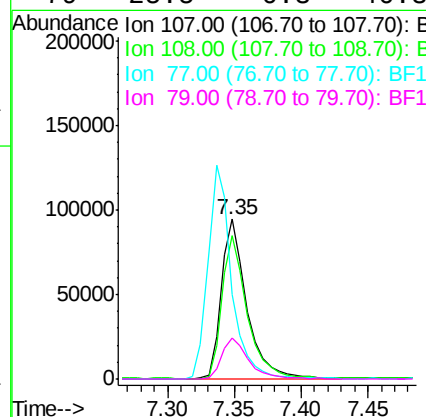
Sohil

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#20
3+4-Methylphenols
Concen: 42.332 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	107	Resp	127530
Ion Ratio	Lower	Upper	
107	100		
108	89.8	68.2	108.2
77	52.7	26.7	66.7
79	25.5	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

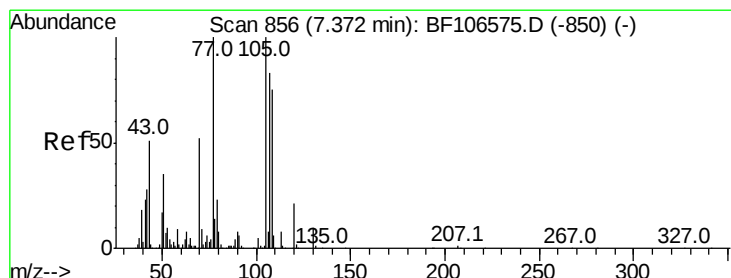
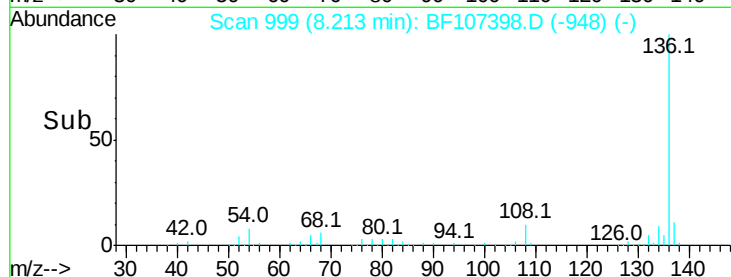
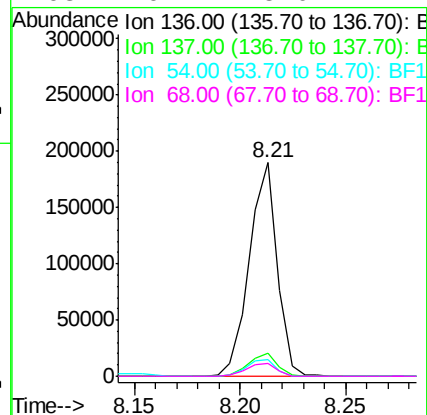
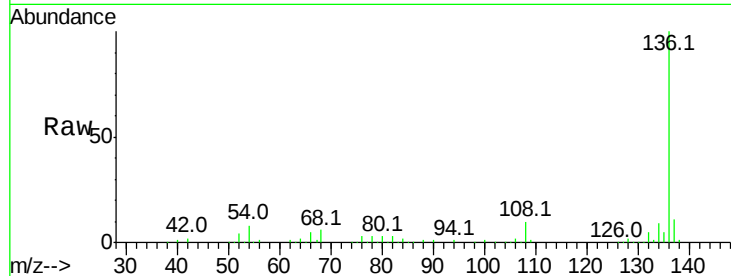
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.5	6.6	9.8	
68	6.2	5.0	7.4	

Manual Integrations
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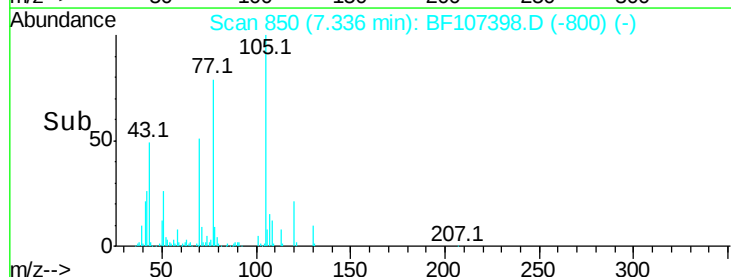
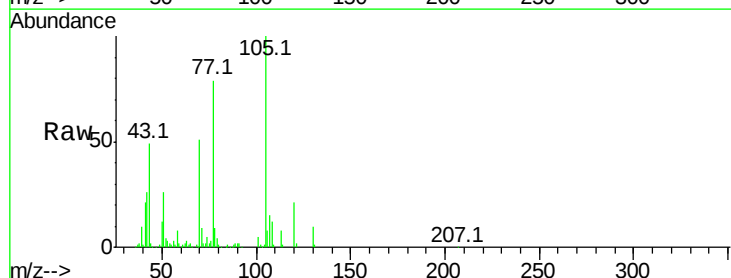
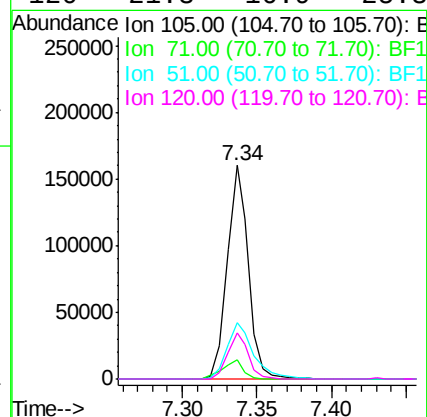
Sohil

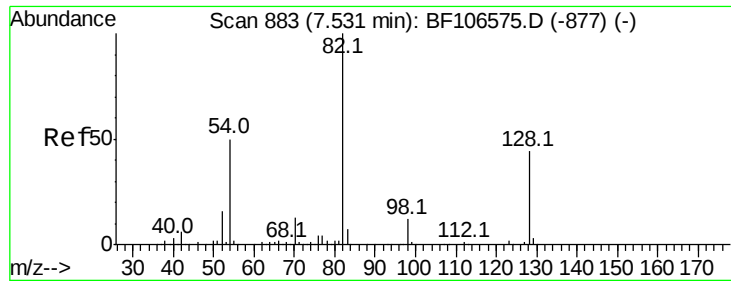
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#22
Acetophenone
Concen: 41.084 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.4	6.6#	
51	26.2	22.3	33.5	
120	21.3	16.9	25.3	





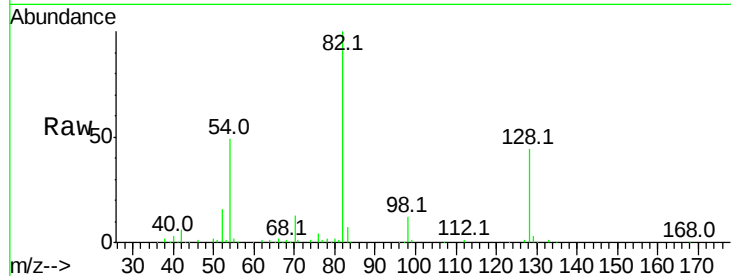
#23
Nitrobenzene-d5
Concen: 79.031 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

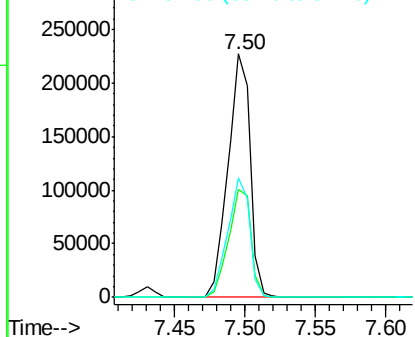
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	48.9	41.4	62.2

Manual Integrations
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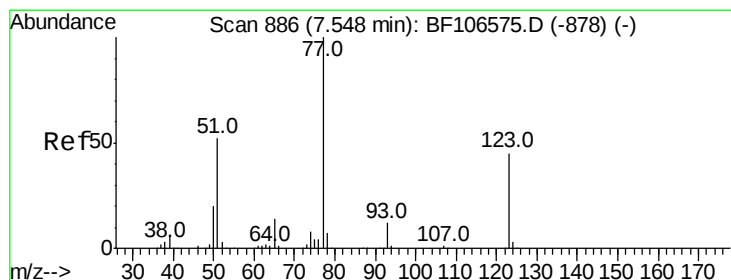
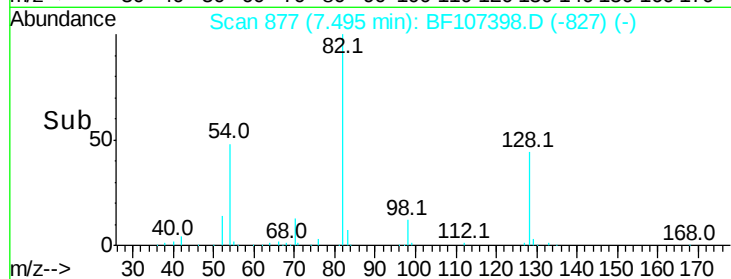
Sohil



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

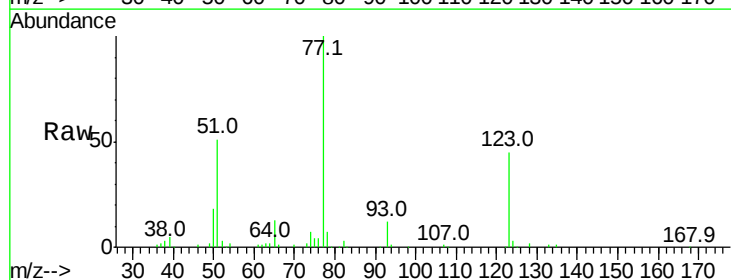


7/16/2018 3:22:50 PM

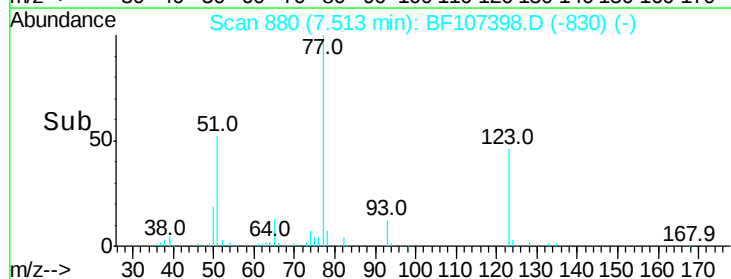
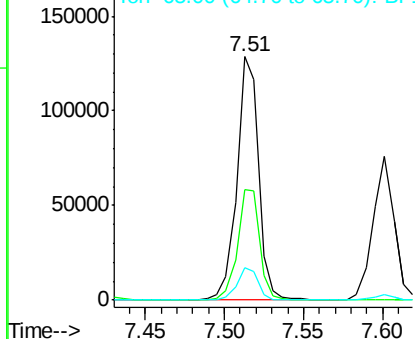


#24
Nitrobenzene
Concen: 38.092 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	37.9	56.9
65	13.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





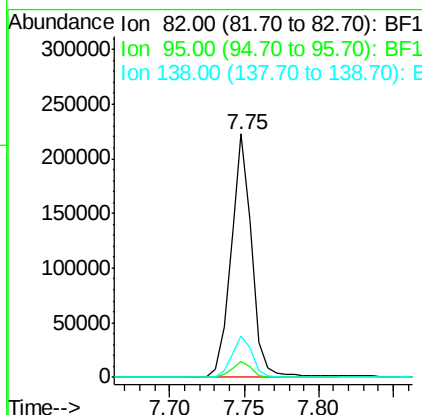
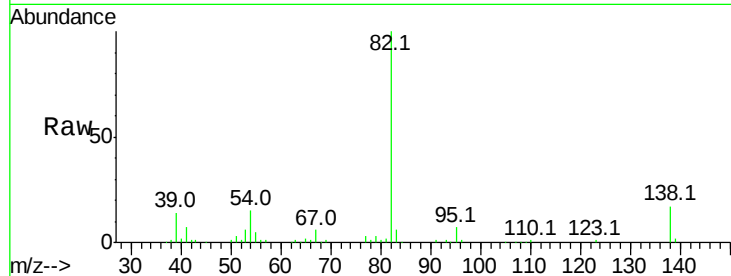
#25
Isophorone
Concen: 39.396 ng
RT: 7.75 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

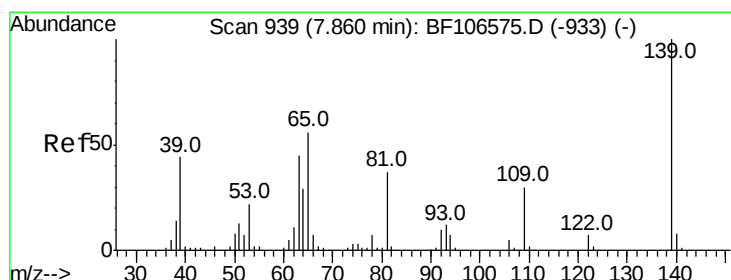
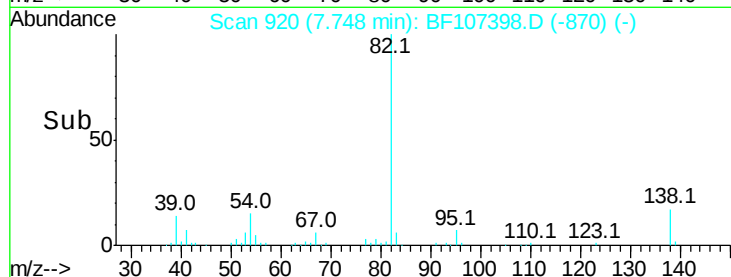
Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	17.0	14.9	22.3

Manual Integrations
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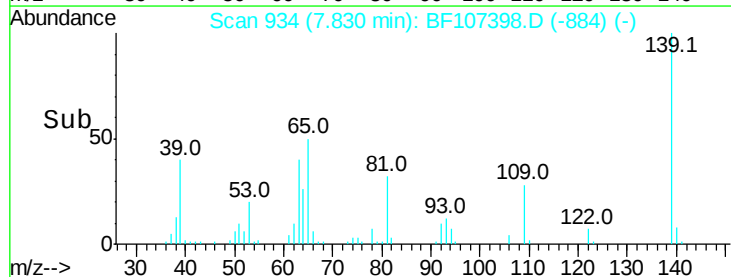
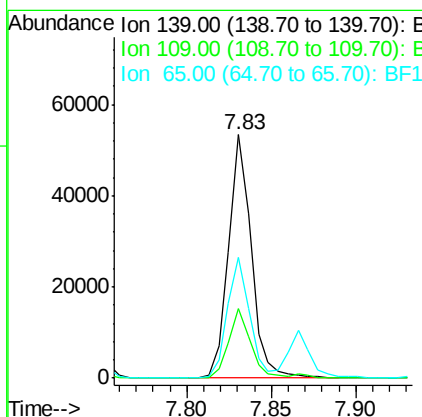
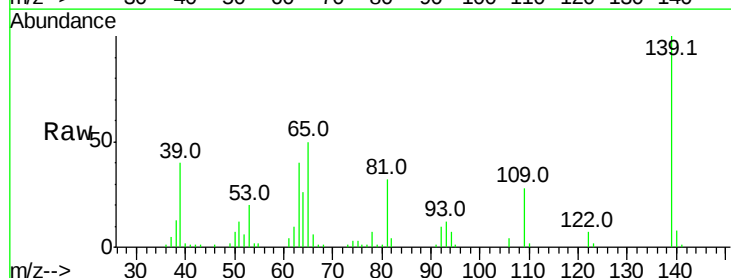


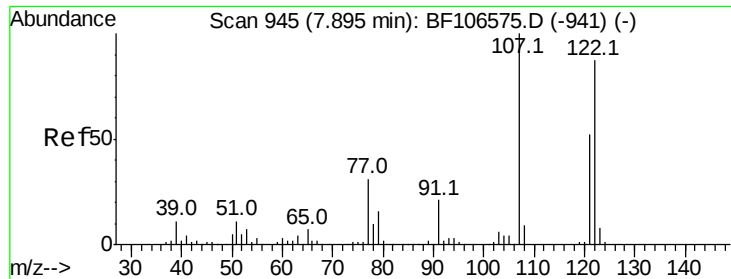
7/16/2018 3:22:50 PM



#26
2-Nitrophenol
Concen: 33.023 ng
RT: 7.83 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
139	100		
109	28.4	22.7	34.1
65	49.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.928 ng

RT: 7.87 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

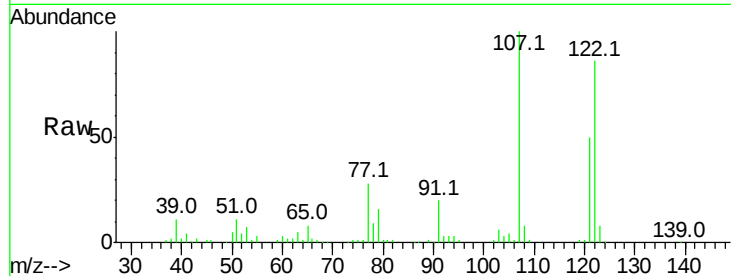
ClientSampleId :

PB111110BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.2	136.8
121	58.1	47.2	70.8

Manual Integrations
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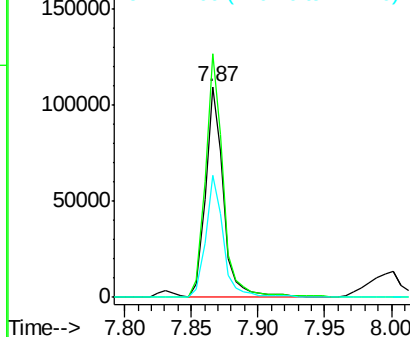
Sohil



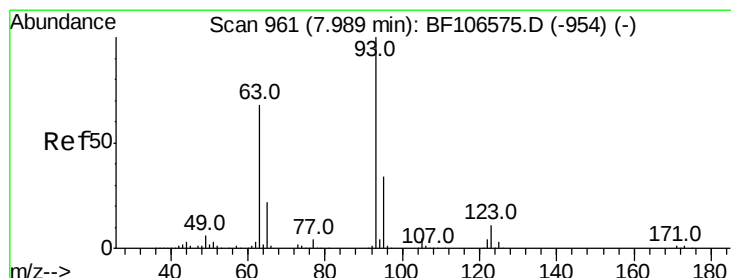
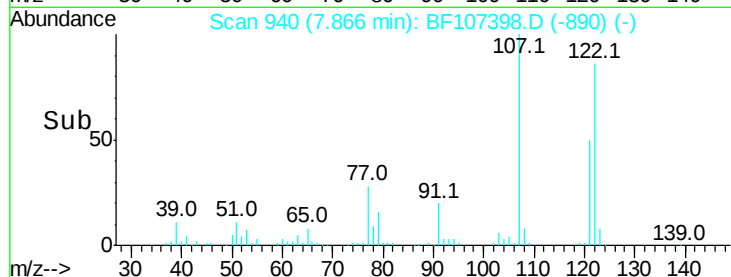
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 38.333 ng

RT: 7.95 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF107398.D

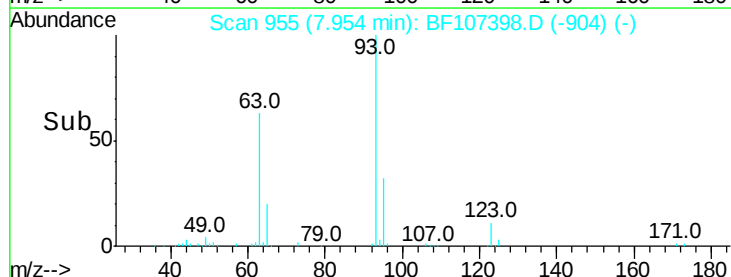
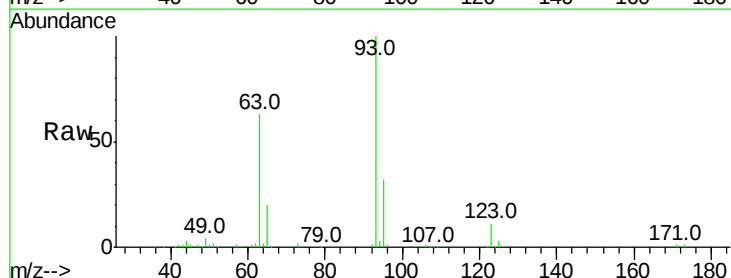
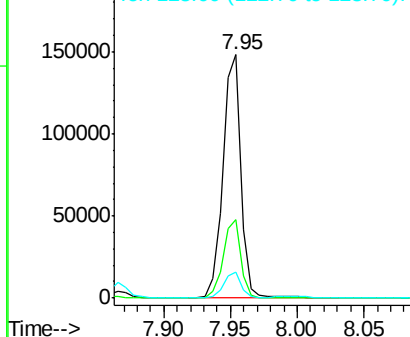
Acq: 14 Jul 2018 6:14

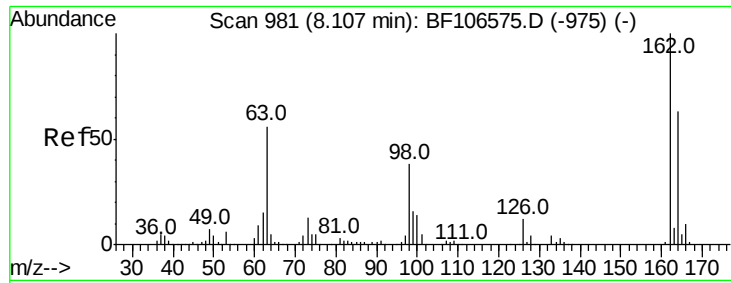
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.3	39.5
123	10.7	9.8	14.6

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





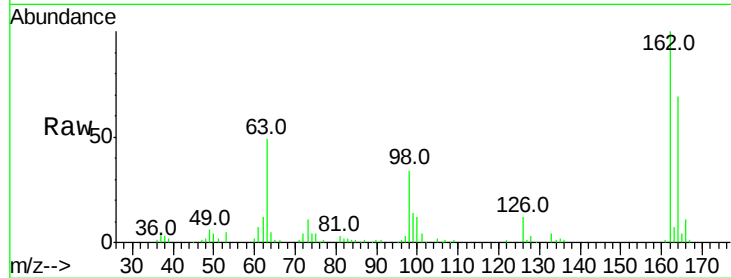
#29
2,4-Dichlorophenol
Concen: 39.778 ng
RT: 8.08 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

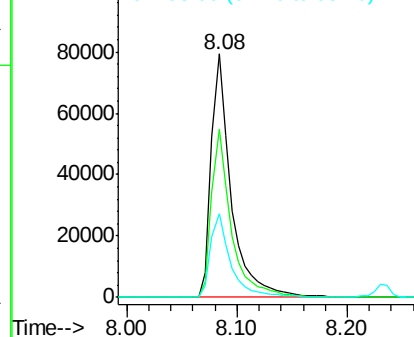
Tot Ion	Ratio	Resp	Lower	Upper
162	100	97273		
164	69.3		42.7	82.7
98	34.2		18.1	58.1

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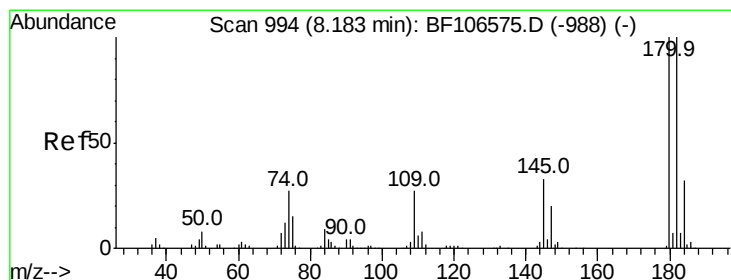
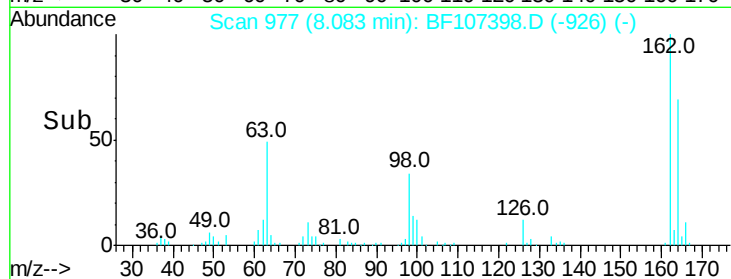
Sohil



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

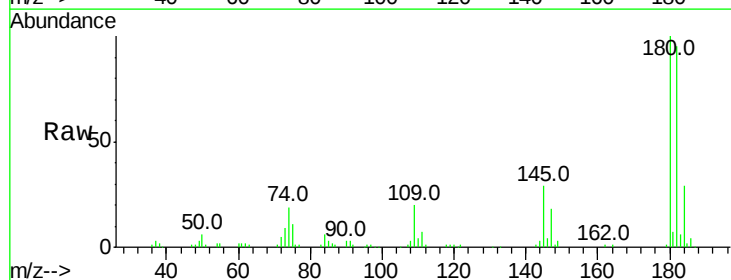


7/16/2018 3:22:50 PM

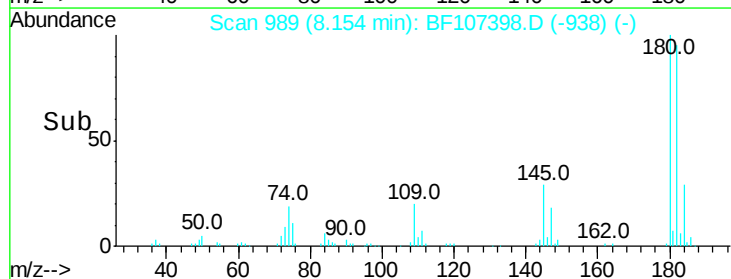
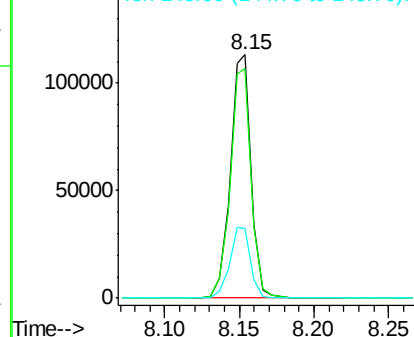


#30
1,2,4-Trichlorobenzene
Concen: 41.395 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111514		
182	94.5		76.8	115.2
145	28.6		26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.245 ng

RT: 8.23 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

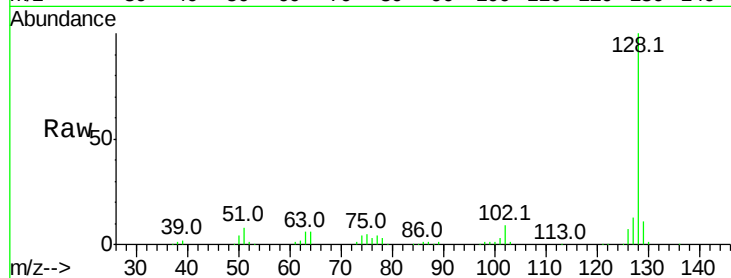
ClientSampleId :

PB111110BSD

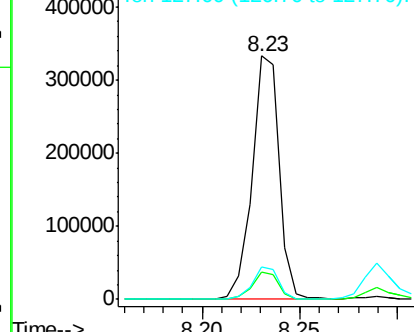
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.2	10.9	16.3

Manual Integrations
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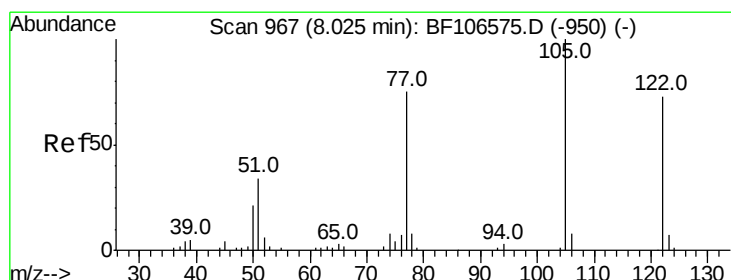
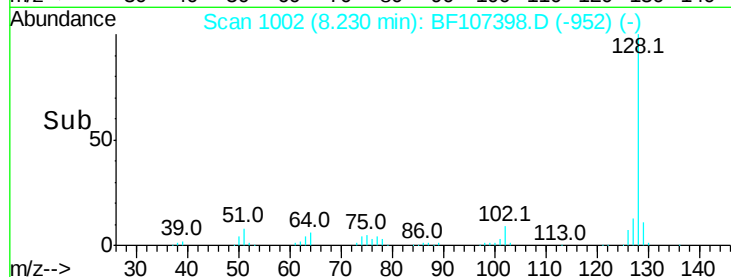
Sohil



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 21.743 ng m

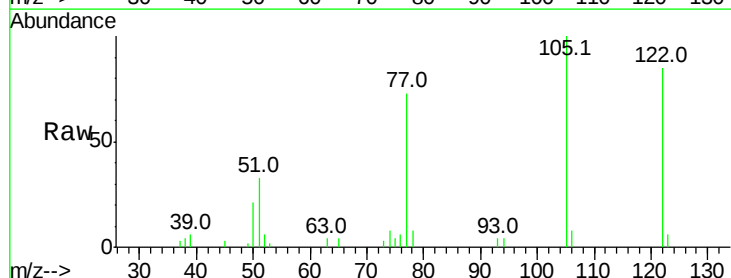
RT: 8.00 min Scan# 963

Delta R.T. -0.02 min

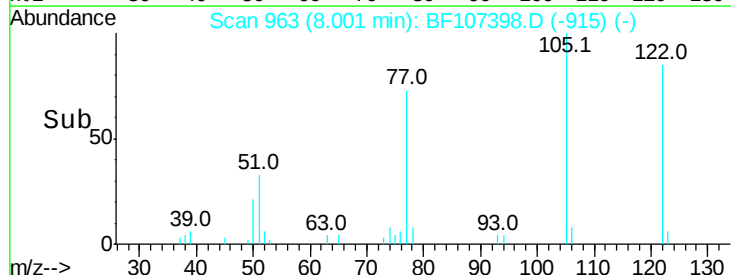
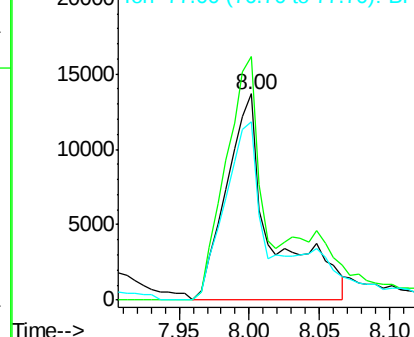
Lab File: BF107398.D

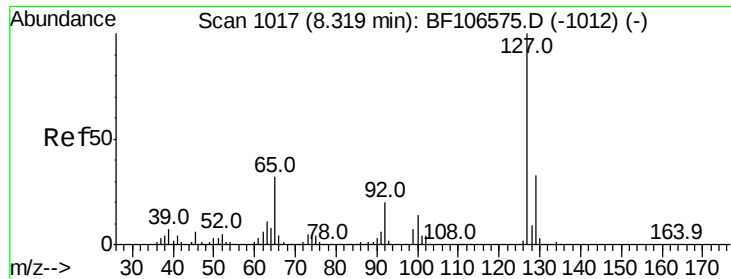
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.0	101.1	141.1
77	86.6	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 17.569 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

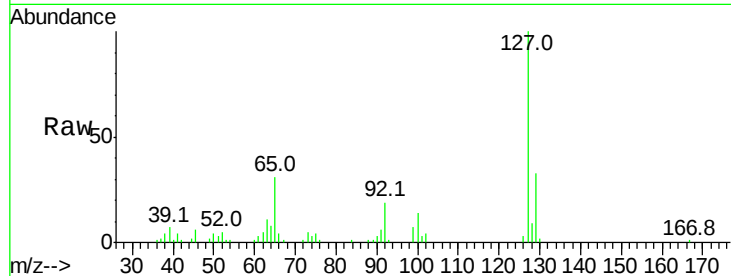
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	30.7	25.0	37.4		
92	18.9	15.2	22.8		

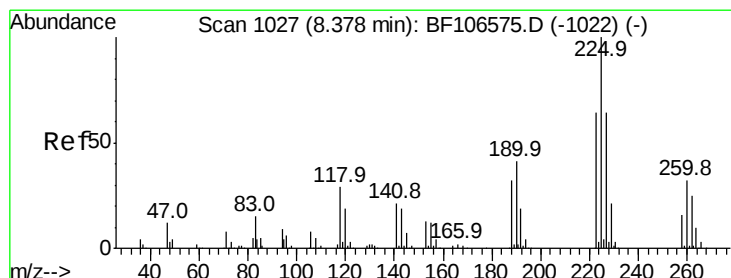
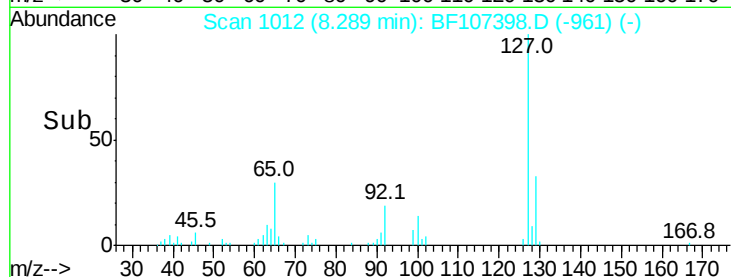
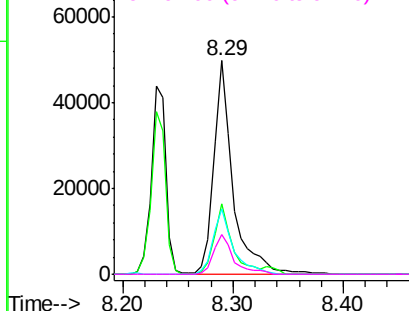
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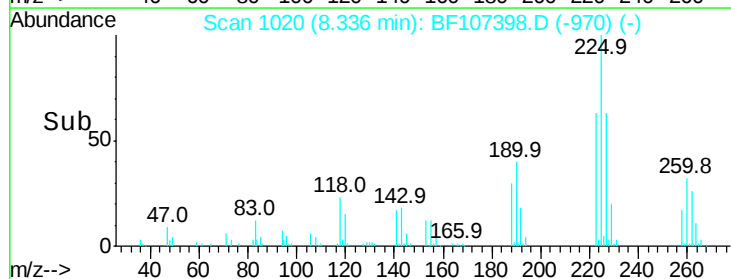
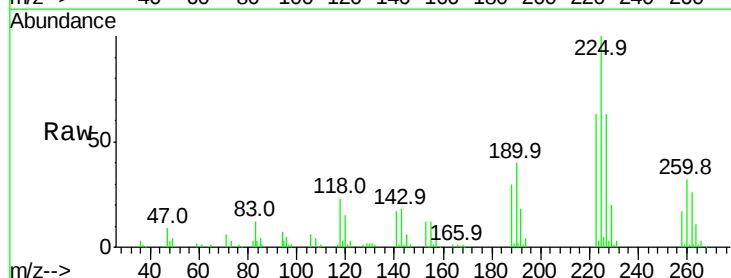
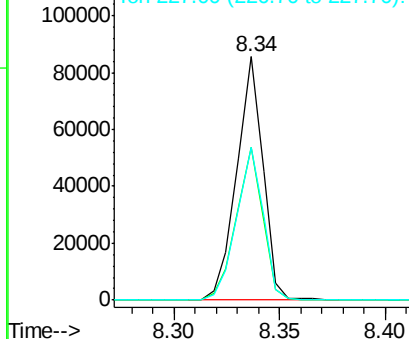
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

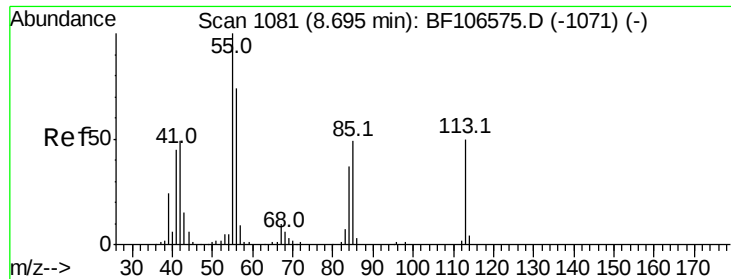


#34
Hexachlorobutadiene
Concen: 41.967 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.6	76.0		
227	62.6	51.9	77.9		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.609 ng

RT: 8.67 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

ClientSampleId :

PB111110BSD

Tot Ion:113 Resp: 28385

Ion Ratio Lower Upper

113 100

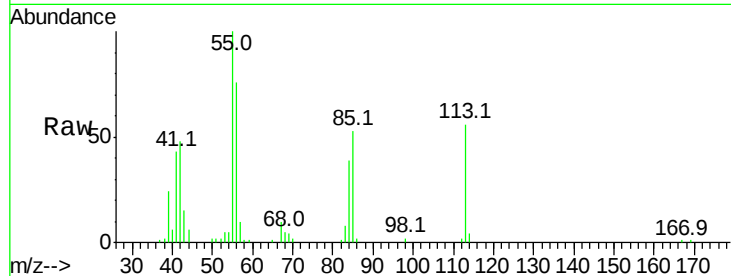
55 177.7 163.3 203.3

56 135.3 115.7 155.7

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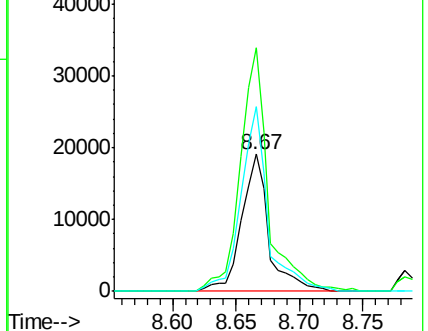
Sohil



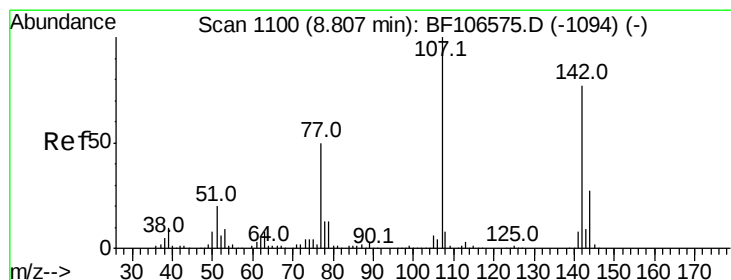
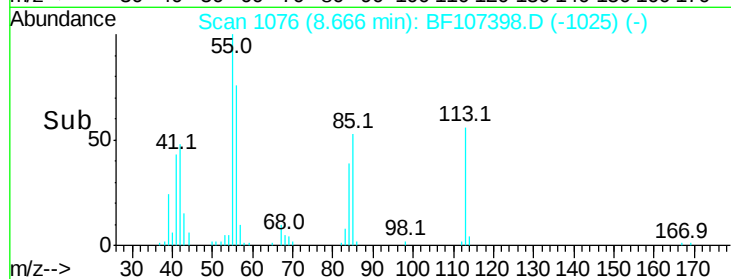
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



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#36

4-Chloro-3-methylphenol

Concen: 37.220 ng

RT: 8.78 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

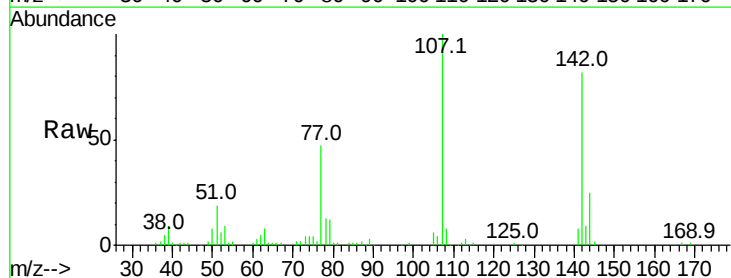
Tgt Ion:107 Resp: 95801

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

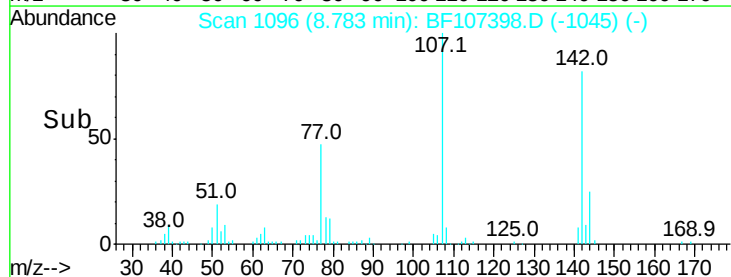
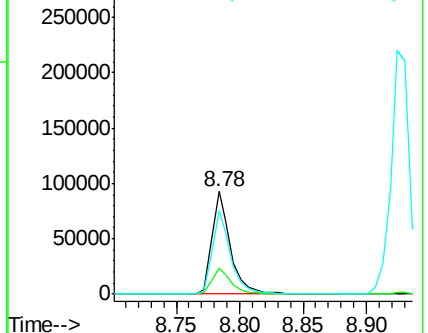
142 82.0 62.0 93.0

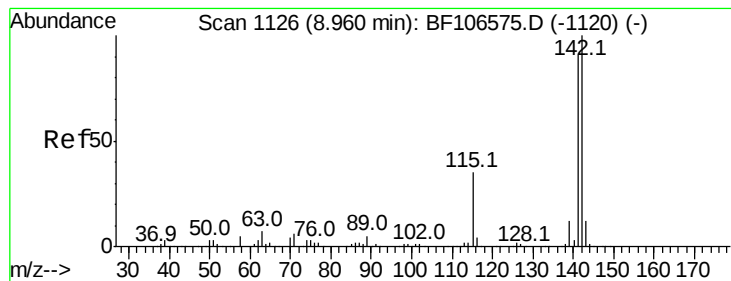


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





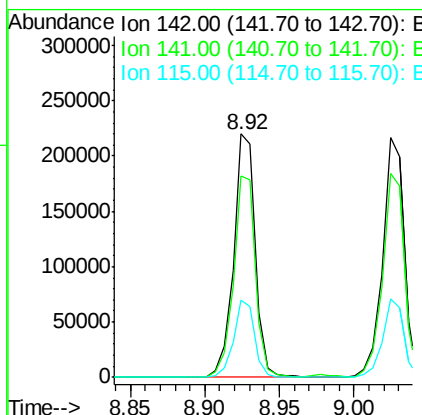
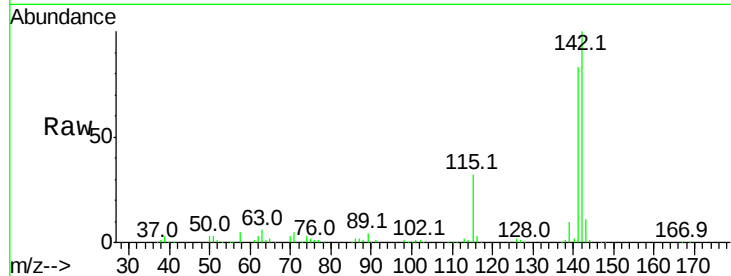
#37
2-Methylnaphthalene
Concen: 41.682 ng
RT: 8.92 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

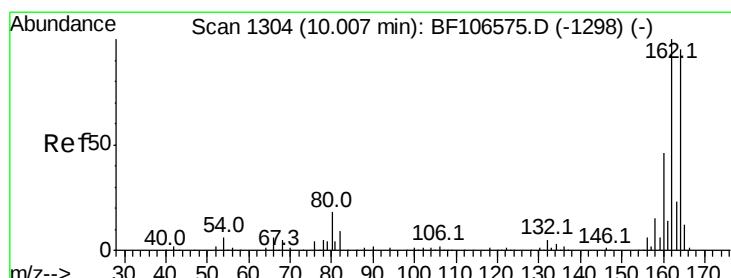
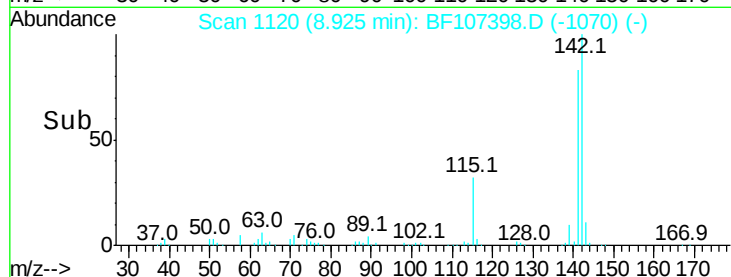
Tot Ion	Ratio	Lower	Upper
142	100		
141	82.9	70.8	106.2
115	31.7	26.1	39.1

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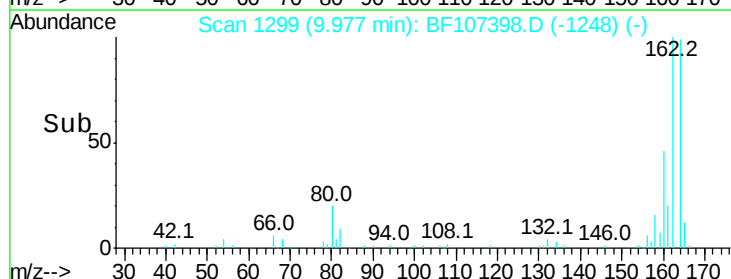
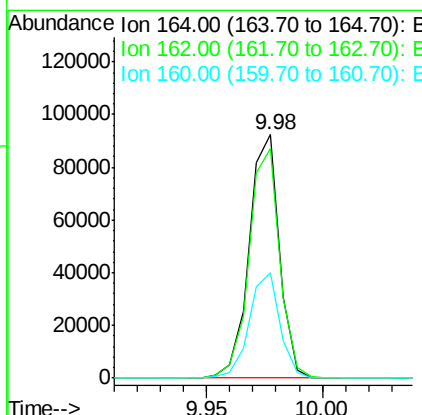
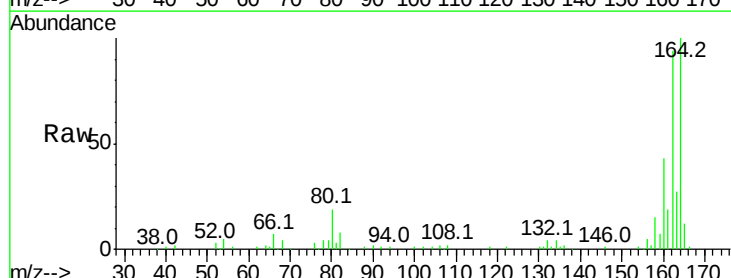


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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.4	86.1	129.1
160	43.0	38.3	57.5





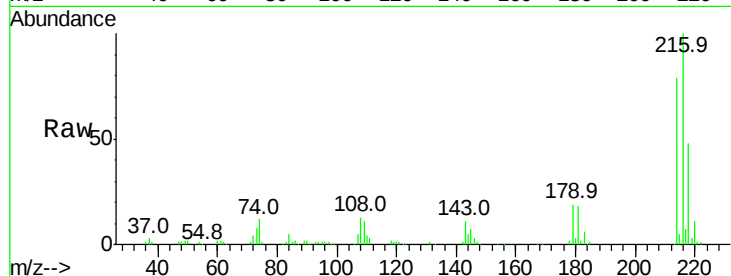
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.250 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	18.9	18.1	27.1
108	13.8	17.2	25.8

Manual Integrations
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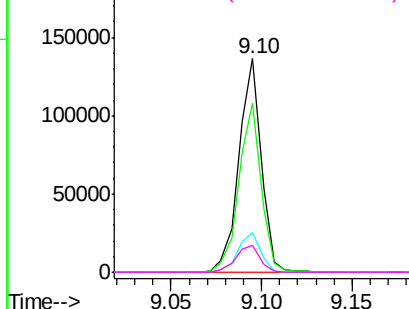
Abundance

Ion 216.00 (215.70 to 216.70): E

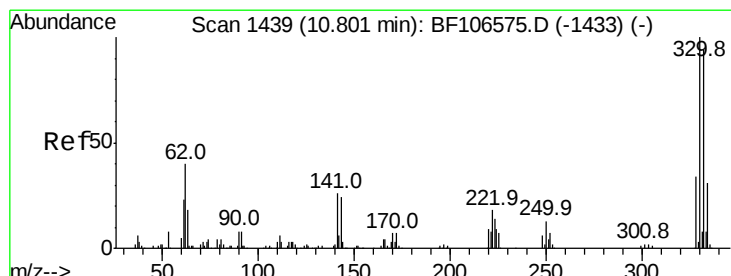
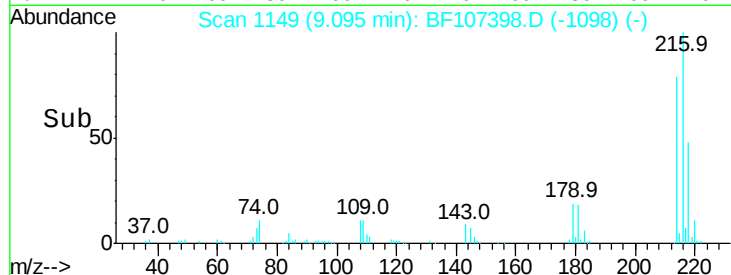
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#41
 2,4,6-Tribromophenol
 Concen: 76.662 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

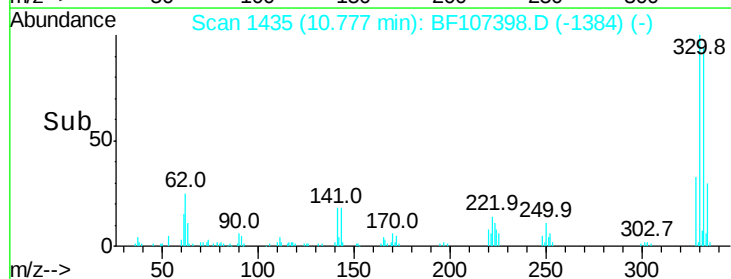
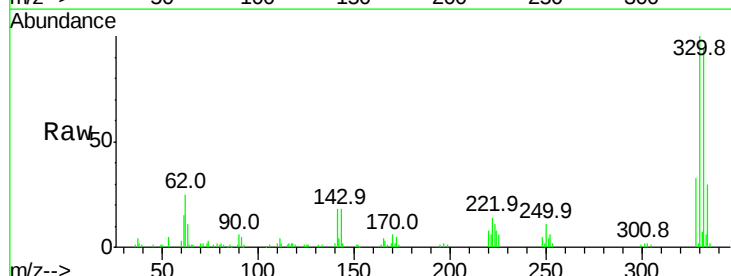
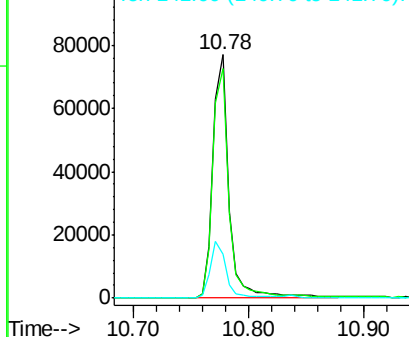
Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	77.0	115.6
141	23.0	29.9	44.9

Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





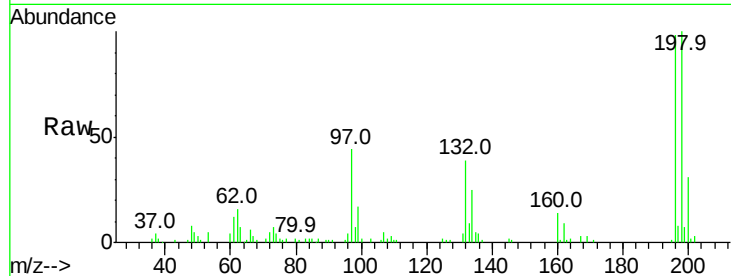
#42
 2,4,6-Trichlorophenol
 Concen: 32.616 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

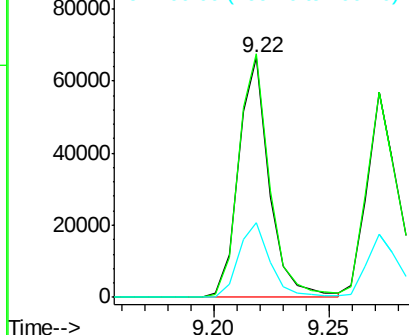
Tot Ion:	196	Resp:	61646
Ion	Ratio	Lower	Upper
196	100		
198	101.7	75.7	113.5
200	31.4	24.5	36.7

Manual Integrations
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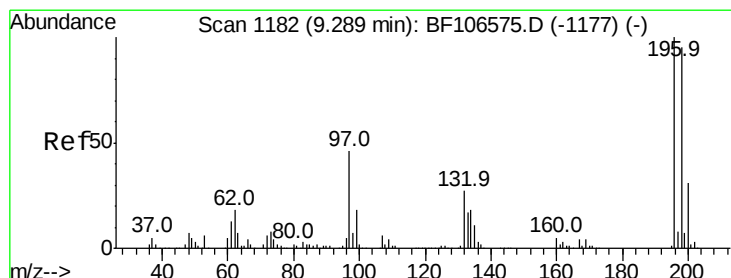
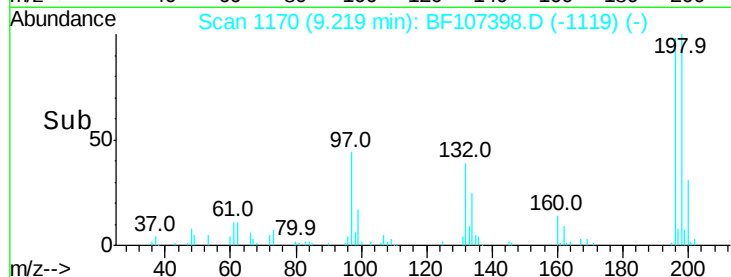
Sohil



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



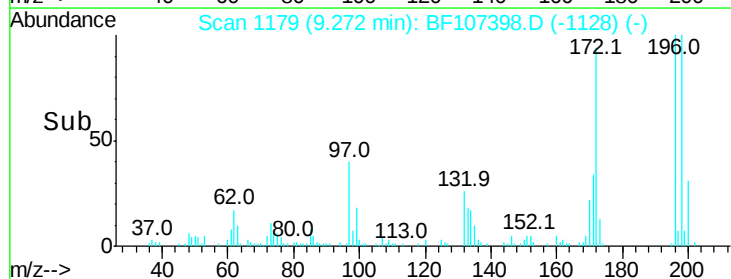
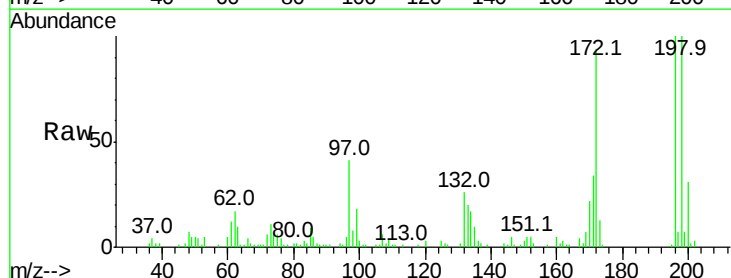
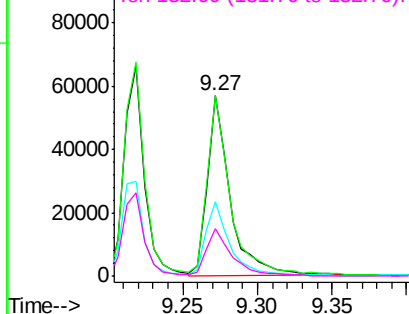
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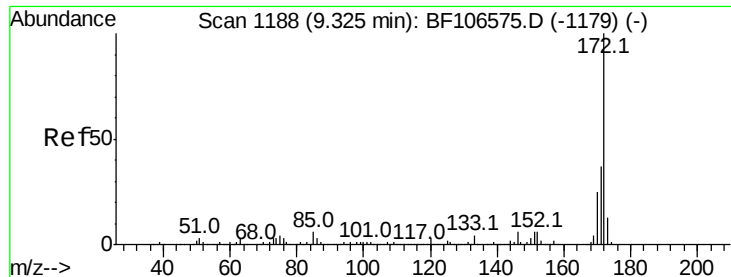


#43
 2,4,5-Trichlorophenol
 Concen: 30.224 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:	196	Resp:	59609
Ion	Ratio	Lower	Upper
196	100		
198	99.8	74.6	112.0
97	40.9	42.9	64.3#
132	26.2	26.3	39.5#

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#44
2-Fluorobiphenyl
Concen: 89.571 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

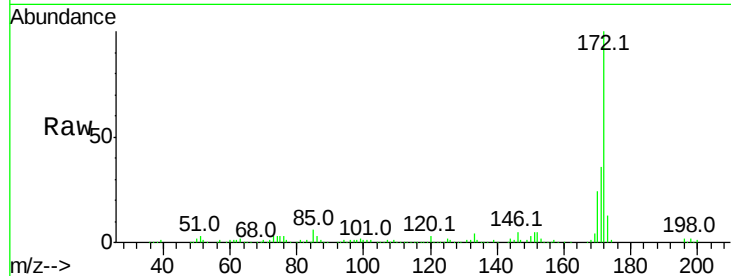
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	23.8	19.6	29.4	

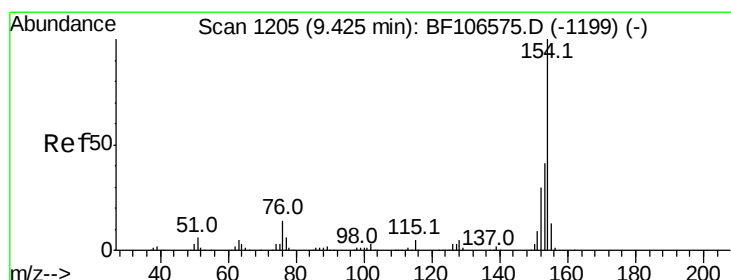
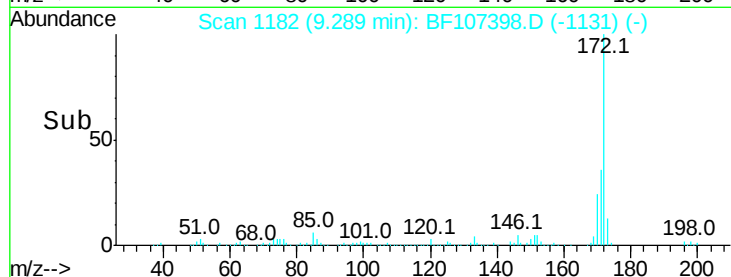
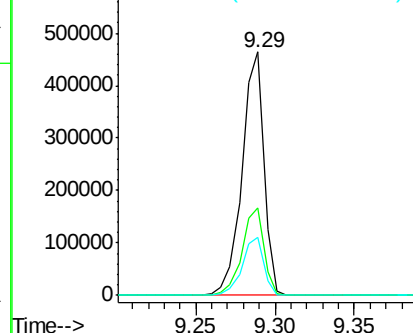
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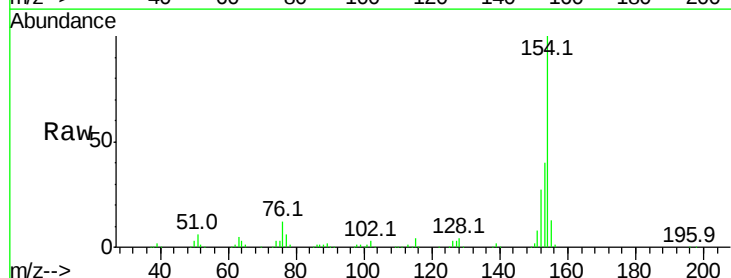


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

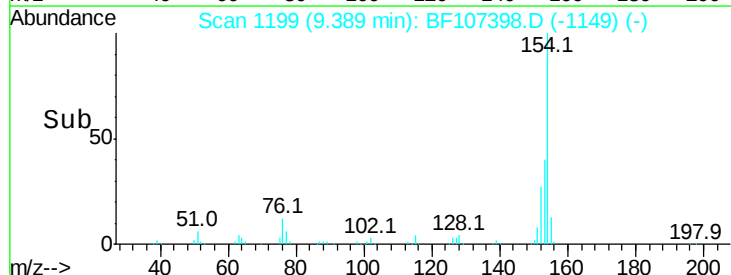
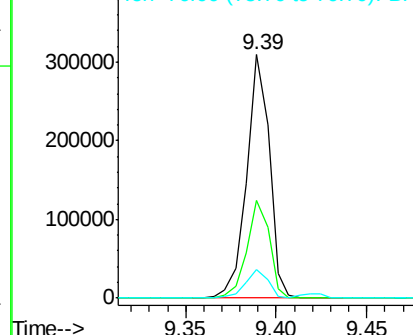


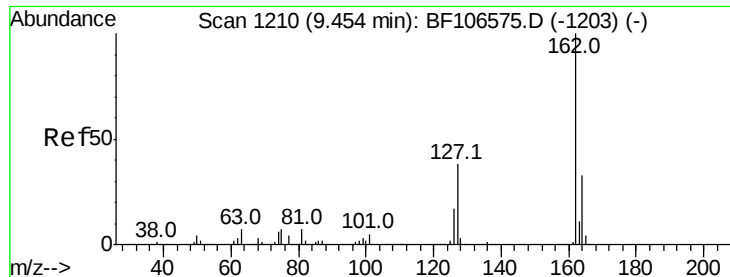
#45
1,1'-Biphenyl
Concen: 39.947 ng
RT: 9.39 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.3	61.3	
76	11.7	0.0	34.0	



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





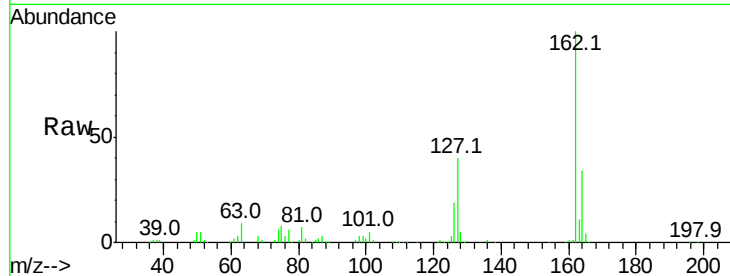
#46
 2-Chloronaphthalene
 Concen: 36.477 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

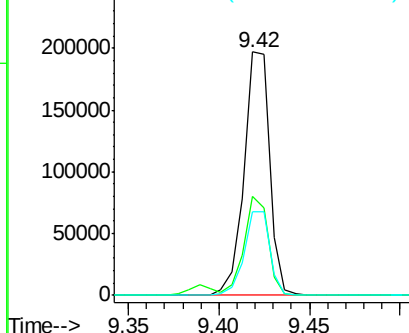
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.5	33.9	50.9
164	34.3	26.5	39.7

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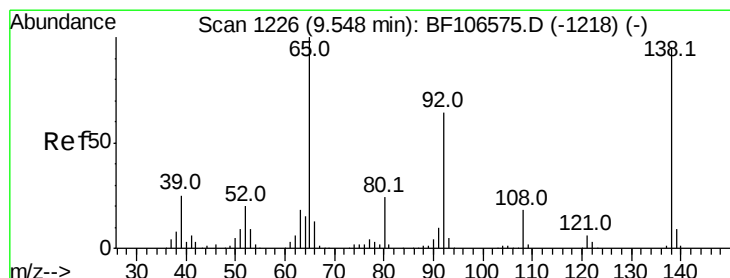
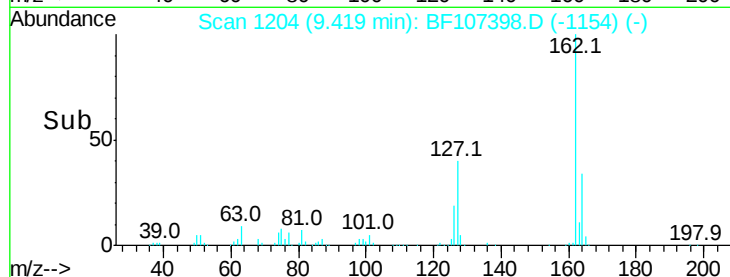
Sohil



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

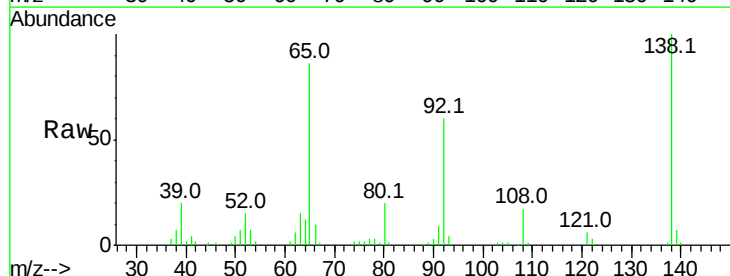


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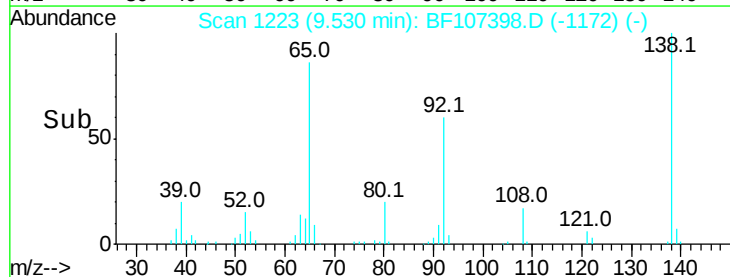
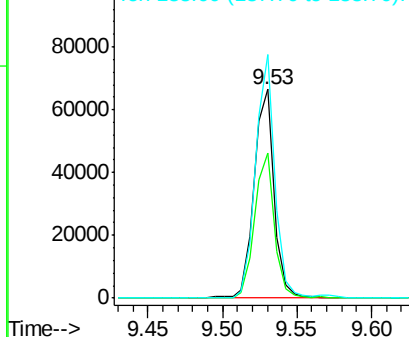


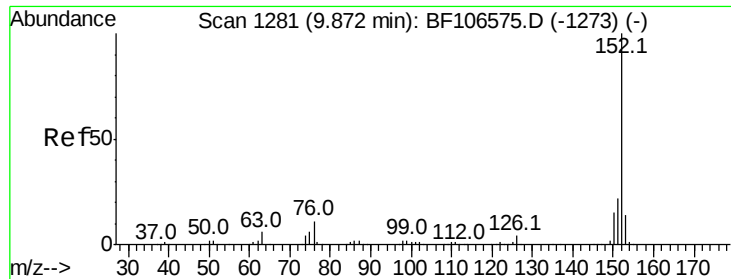
#47
 2-Nitroaniline
 Concen: 34.519 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	69.6	55.8	83.6
138	116.7	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 35.777 ng

RT: 9.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

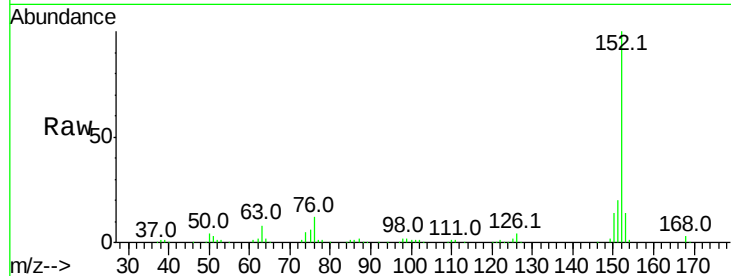
ClientSampleId :

PB111110BSD

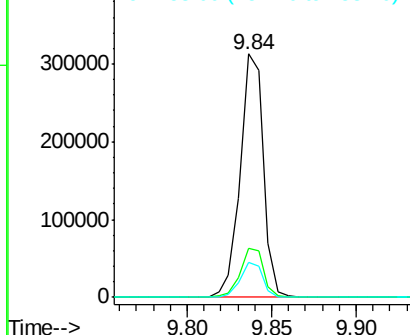
Tot Ion	Ratio	Resp	Lower	Upper
152	100	299177		
151	20.0		16.3	24.5
153	14.2		10.7	16.1

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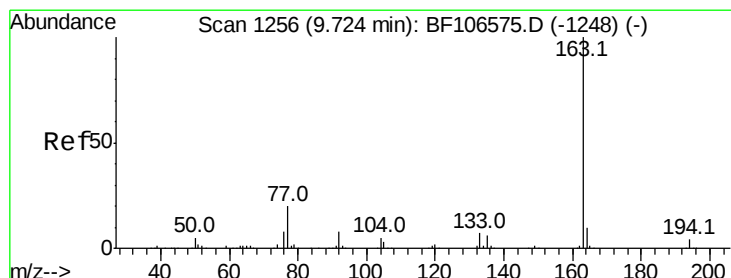
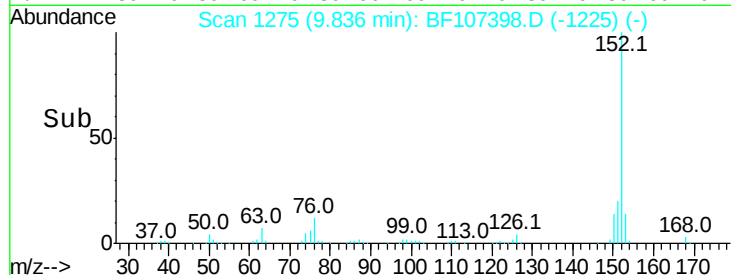
Sohil



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 35.106 ng

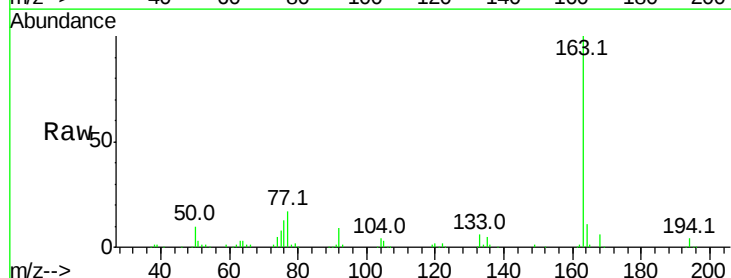
RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

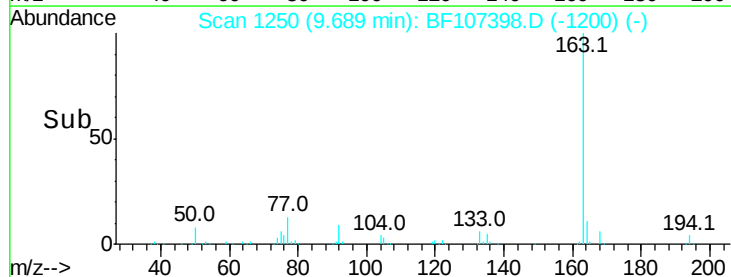
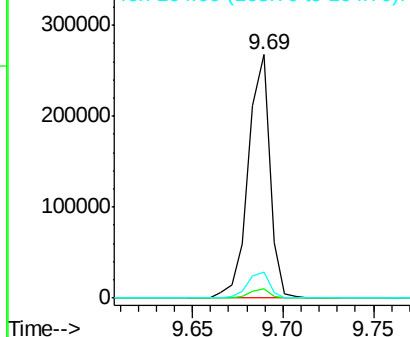
Lab File: BF107398.D

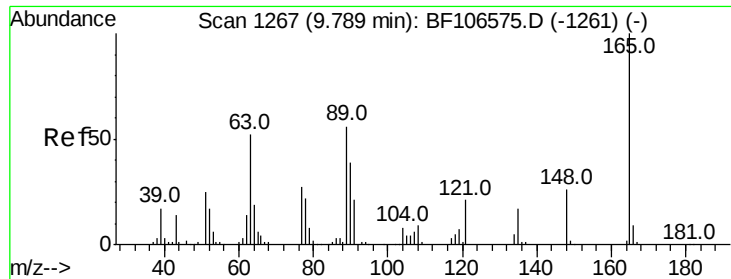
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	222309		
194	3.8		2.7	4.1
164	10.6		8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





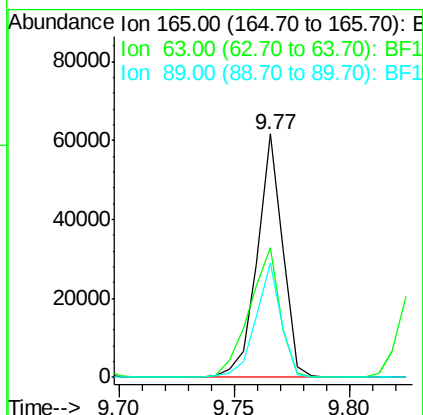
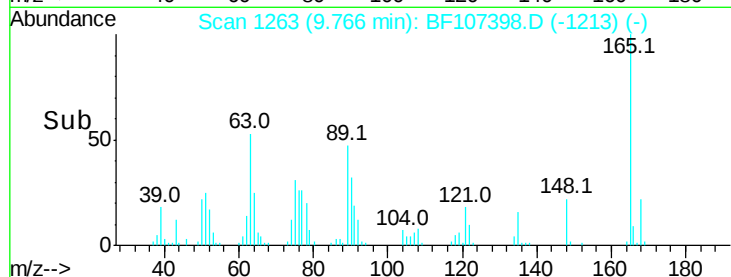
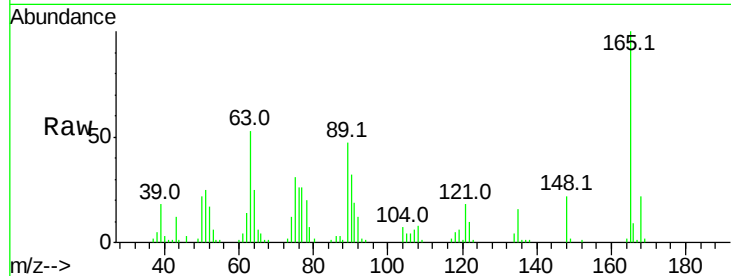
#50
2,6-Dinitrotoluene
Concen: 35.380 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

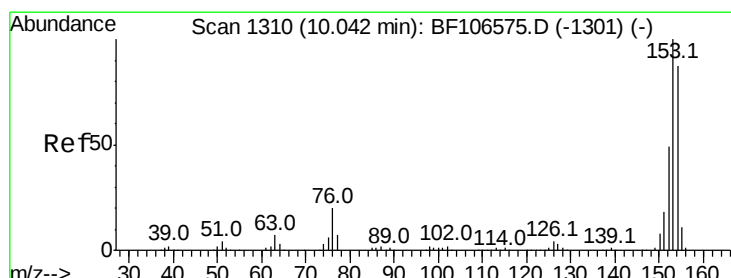
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	44.7	67.1
89	47.0	44.0	66.0

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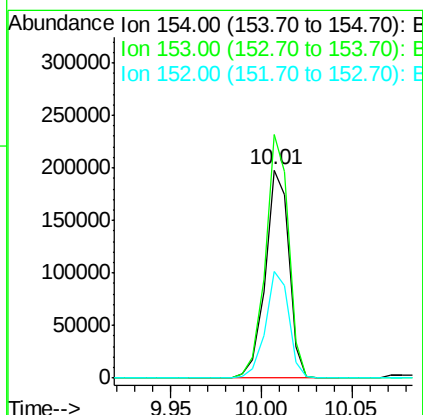
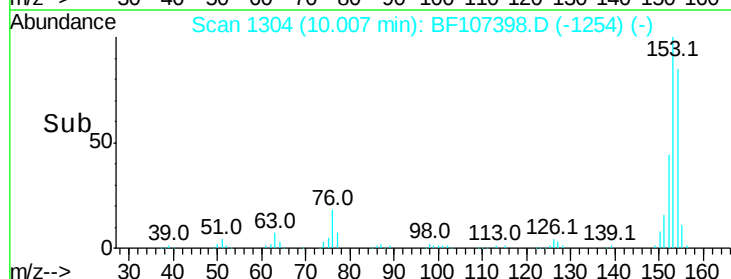
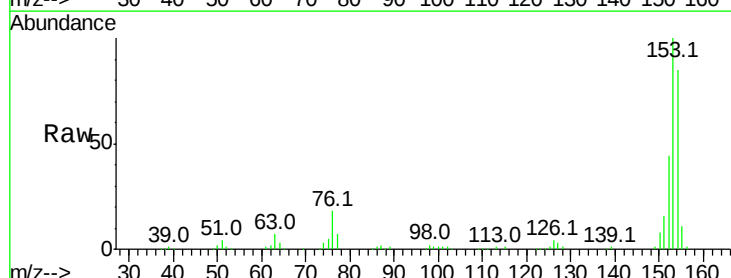


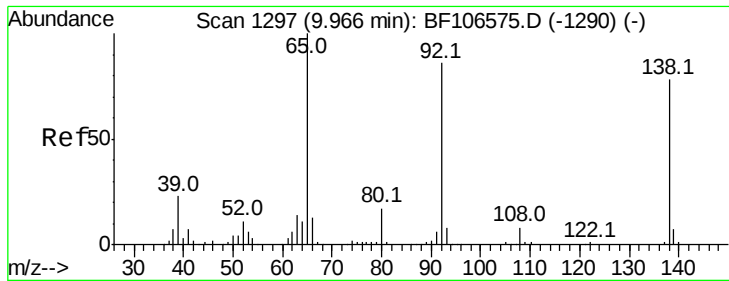
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#51
Acenaphthene
Concen: 34.141 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.0	91.2	136.8
152	51.3	43.8	65.8





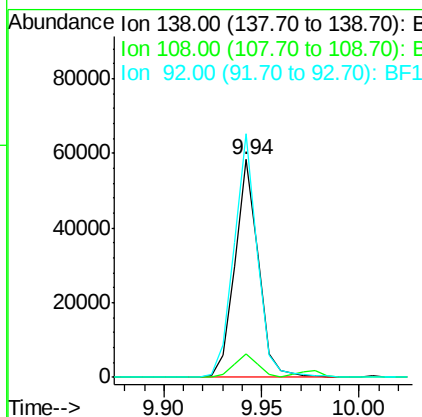
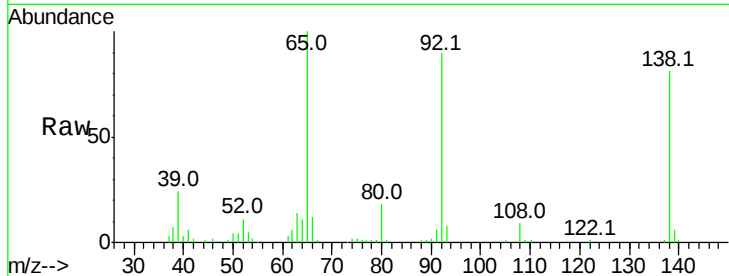
#52
 3-Nitroaniline
 Concen: 31.546 ng
 RT: 9.94 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

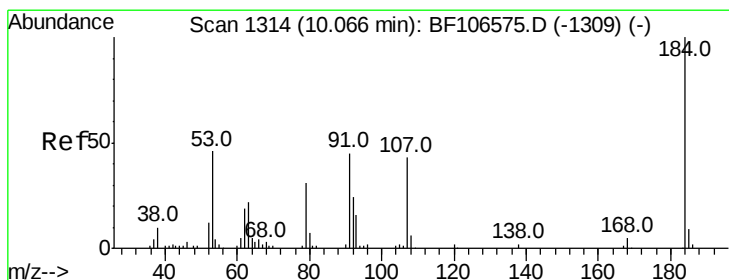
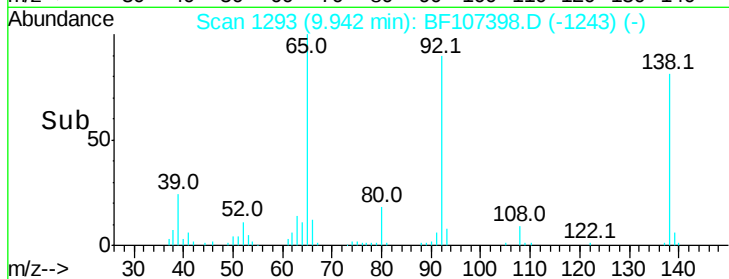
Tot Ion:138	Resp:	48677
Ion Ratio	Lower	Upper
138 100		
108 10.9	9.4	14.0
92 111.7	89.4	134.2

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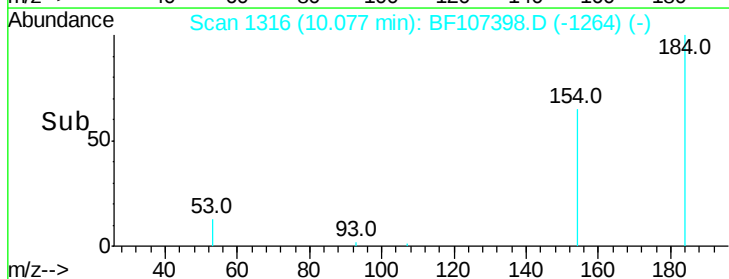
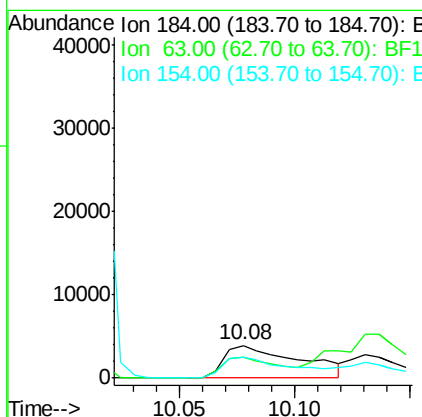
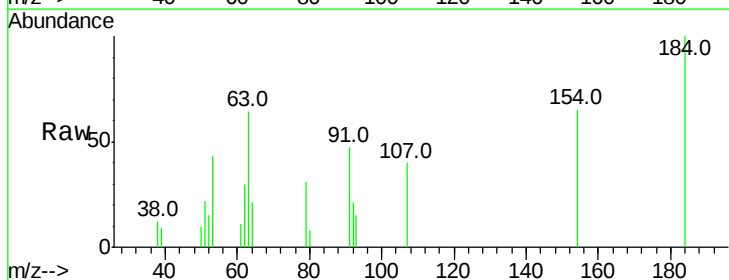


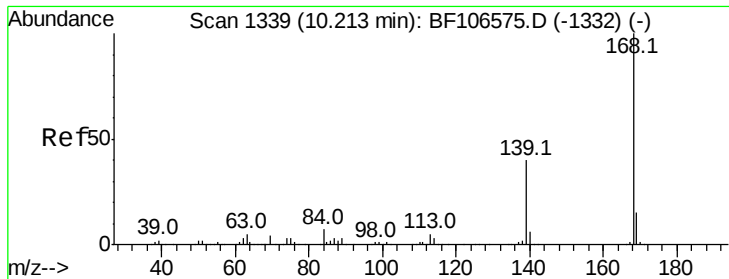
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#53
 2,4-Dinitrophenol
 Concen: 17.113 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:184	Resp:	8787
Ion Ratio	Lower	Upper
184 100		
63 64.2	54.2	81.2
154 65.3	184.0	276.0#





#54

Dibenzenofuran

Concen: 37.738 ng

RT: 10.18 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

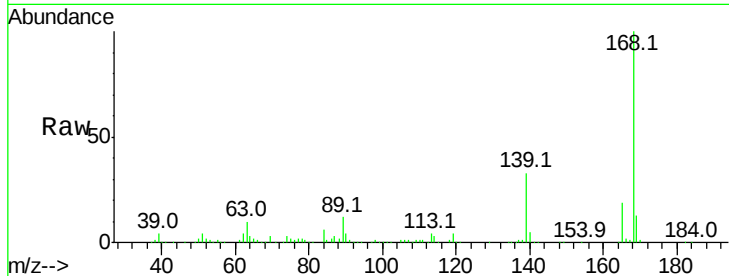
ClientSampleId :

PB111110BSD

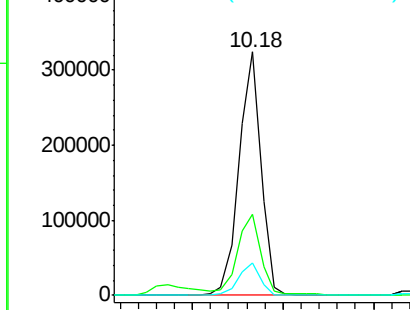
Tot Ion:	168	Resp:	272109
Ion Ratio	Lower	Upper	
168	100		
139	33.5	30.1	45.1
169	13.1	10.9	16.3

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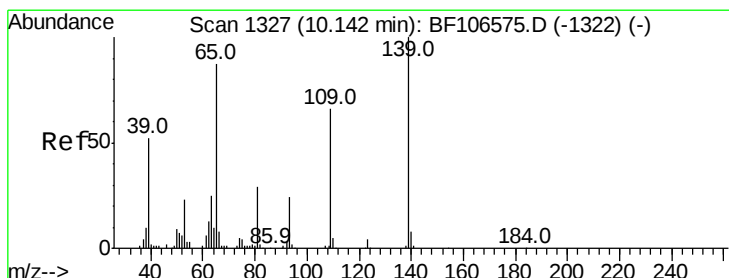
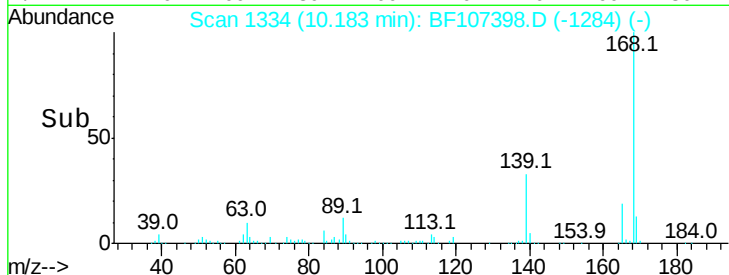
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



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#55

4-Nitrophenol

Concen: 20.905 ng

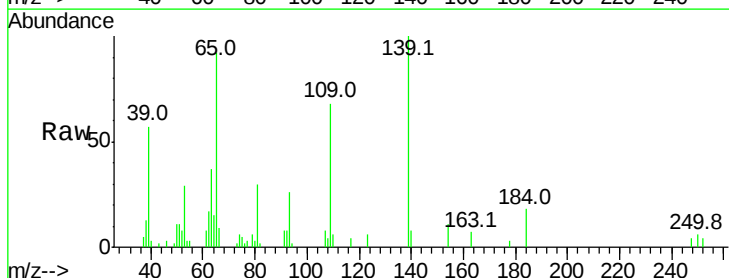
RT: 10.14 min Scan# 1326

Delta R.T. -0.00 min

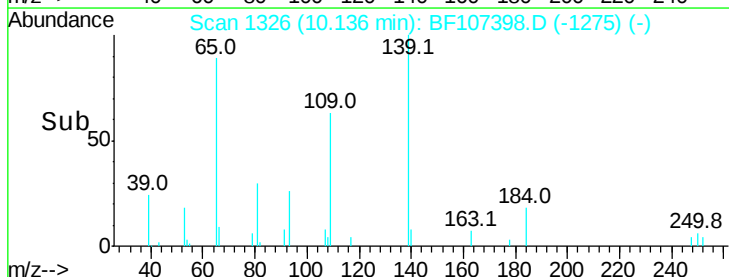
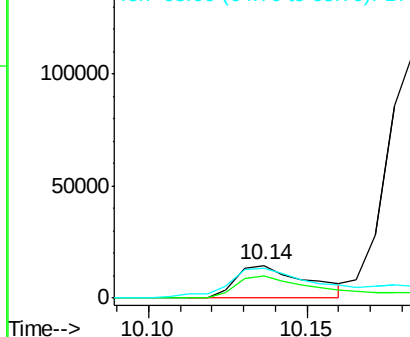
Lab File: BF107398.D

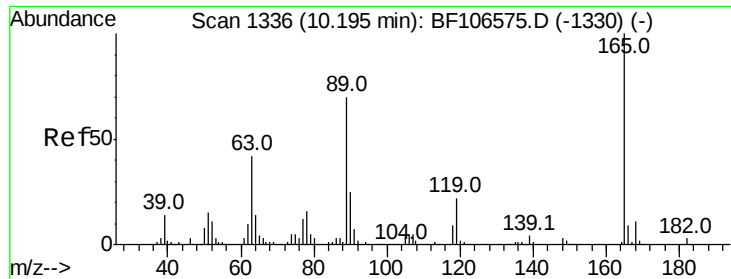
Acq: 14 Jul 2018 6:14

Tgt Ion:	139	Resp:	22516
Ion Ratio	Lower	Upper	
139	100		
109	67.9	48.4	88.4
65	92.4	72.6	112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#56
2,4-Dinitrotoluene
Concen: 32.856 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

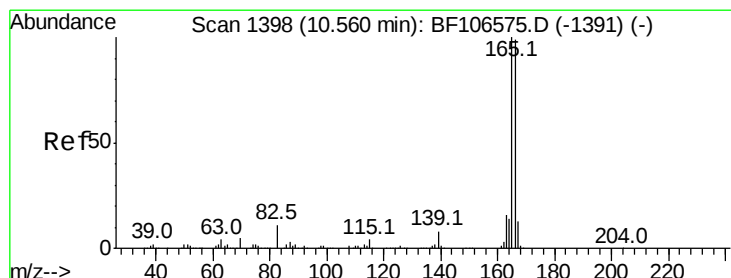
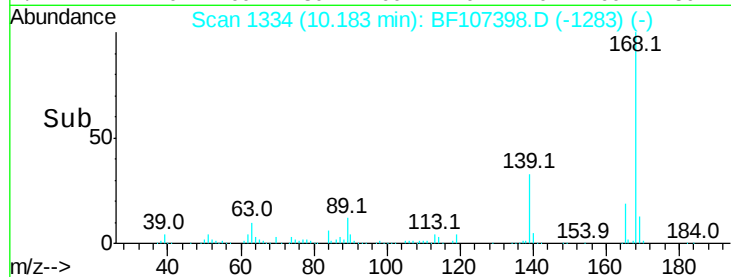
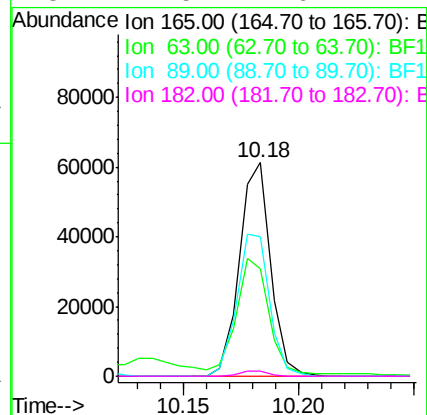
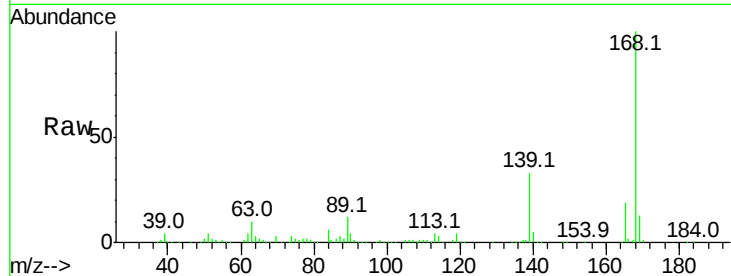
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.6	36.4	54.6
89	65.4	57.8	86.6
182	2.5	1.6	2.4

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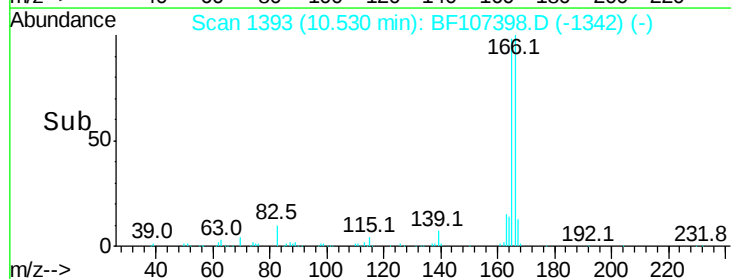
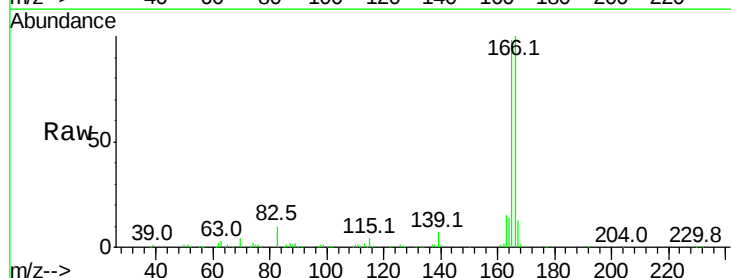
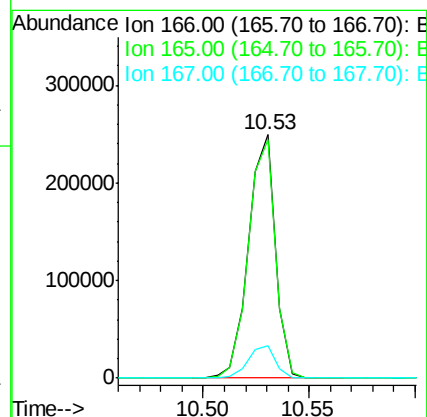
Sohil

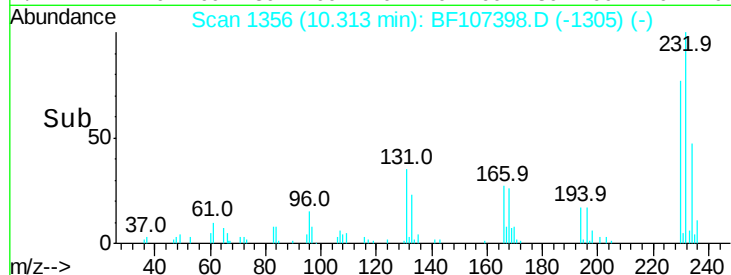
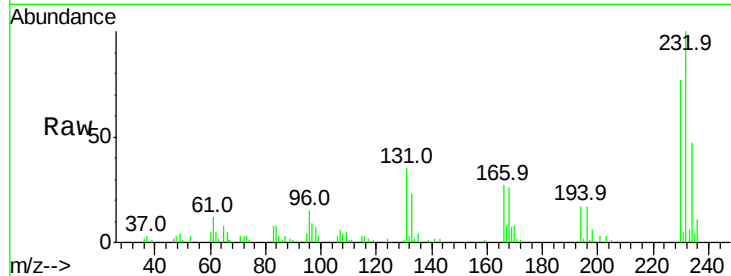
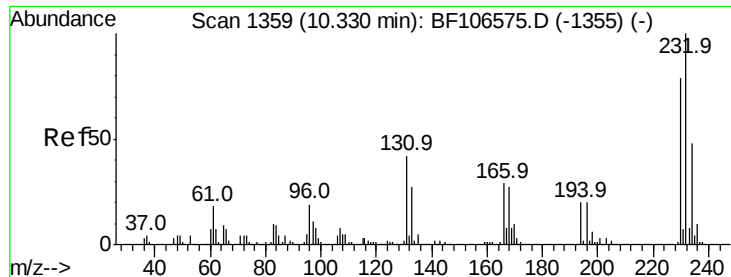
7/16/2018 3:22:50 PM



#57
Fluorene
Concen: 38.473 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.1	79.8	119.8
167	13.3	10.6	16.0





#58
2,3,4,6-Tetrachlorophenol
Concen: 33.461 ng
RT: 10.31 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

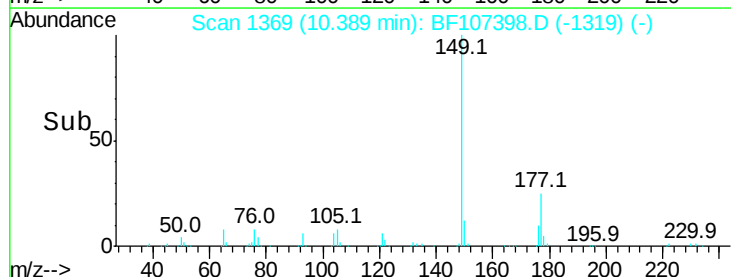
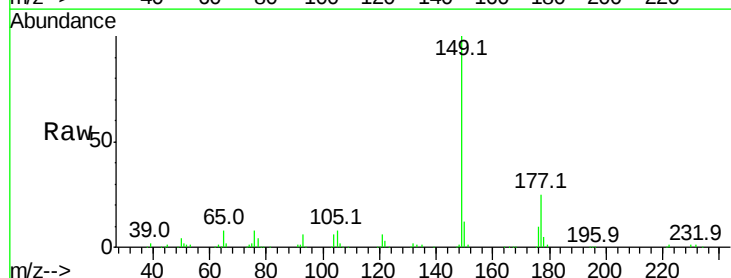
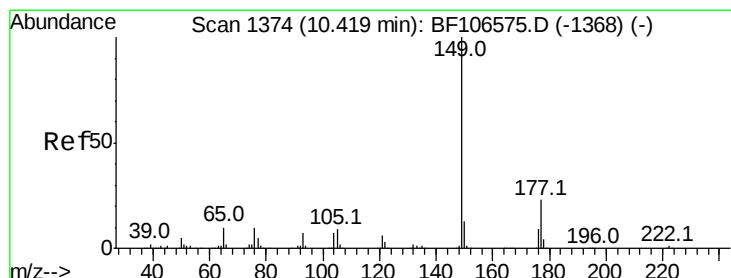
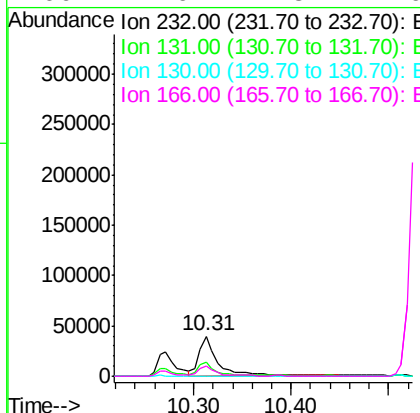
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	29.5	43.8	65.8#
130	1.1	2.1	3.1#
166	21.6	27.8	41.6#

Manual Integrations
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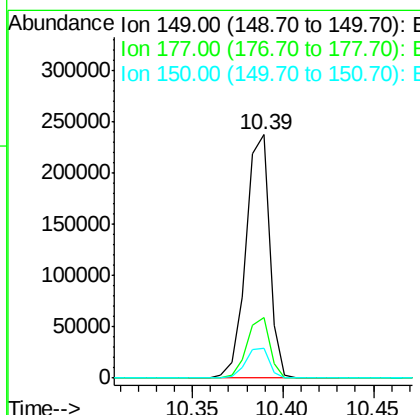
Sohil

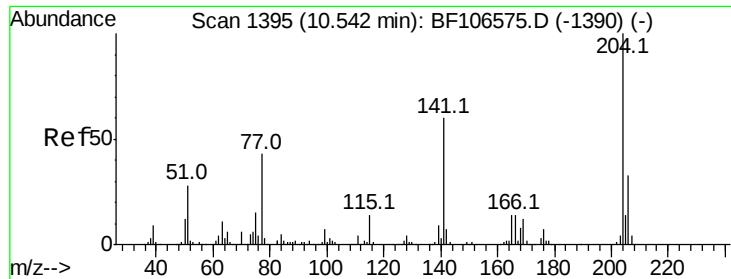
7/16/2018 3:22:50 PM



#59
Diethylphthalate
Concen: 35.243 ng
RT: 10.39 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	24.8	16.1	24.1#
150	12.2	10.1	15.1





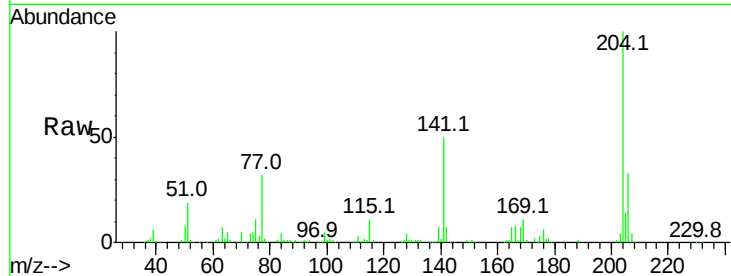
#60
 4-Chlorophenyl-phenylether
 Concen: 38.724 ng
 RT: 10.51 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

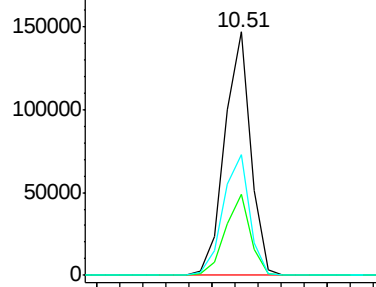
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	49.8	54.6	81.8#

Manual Integrations
 APPROVED

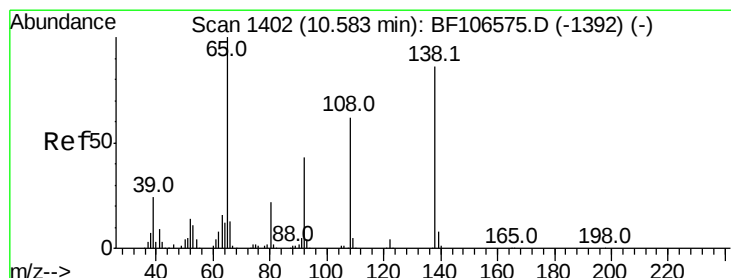
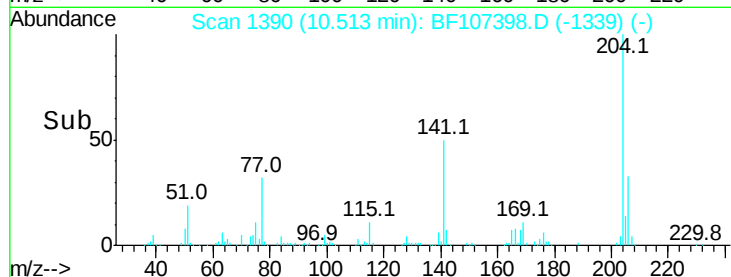
Sohil



Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

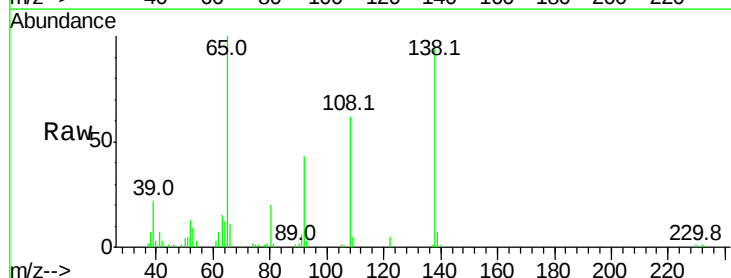


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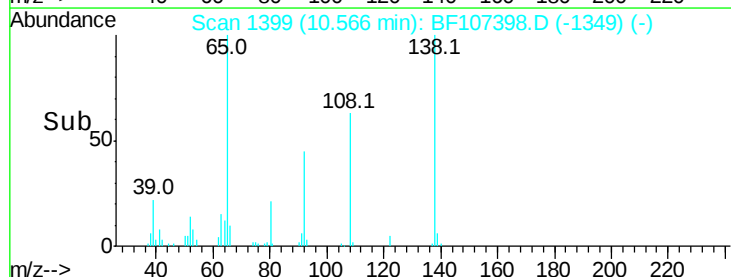
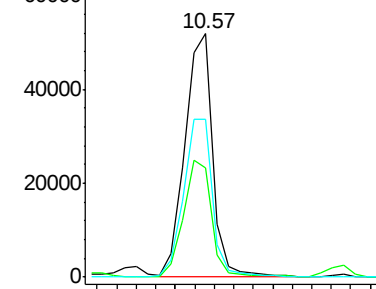


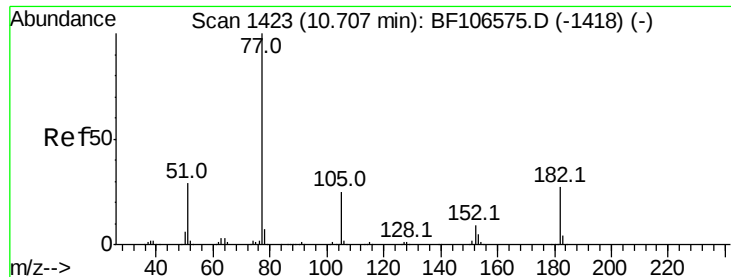
#61
 4-Nitroaniline
 Concen: 33.474 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.9	30.2	70.2
108	64.8	52.5	92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#62
Azobenzene
Concen: 33.541 ng
RT: 10.67 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

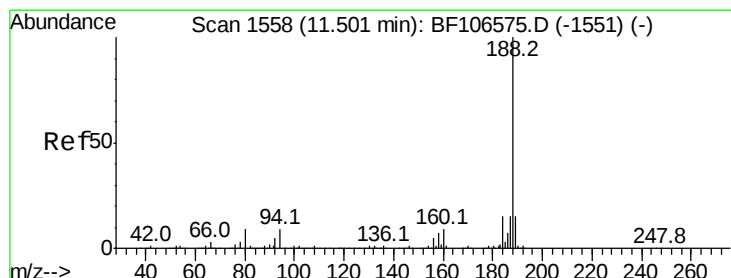
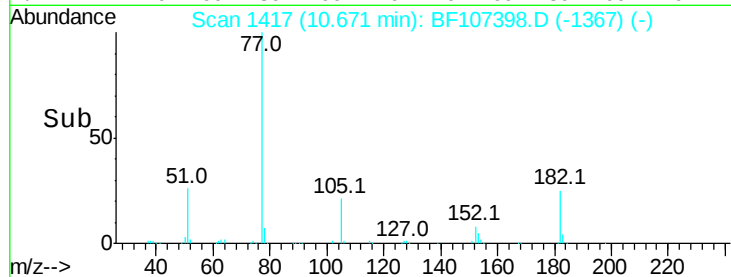
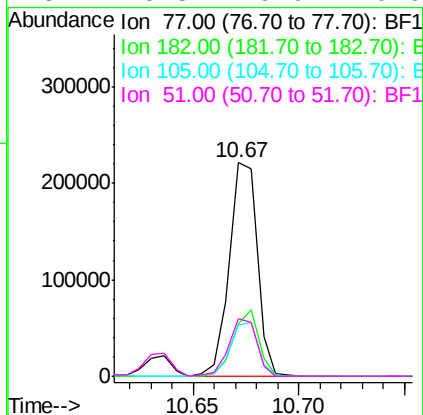
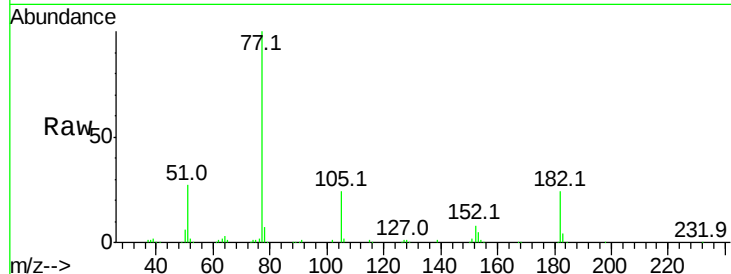
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		201872		
182	24.4	1.7	41.7		
105	24.2	3.0	43.0		
51	26.8	9.9	49.9		

Manual Integrations
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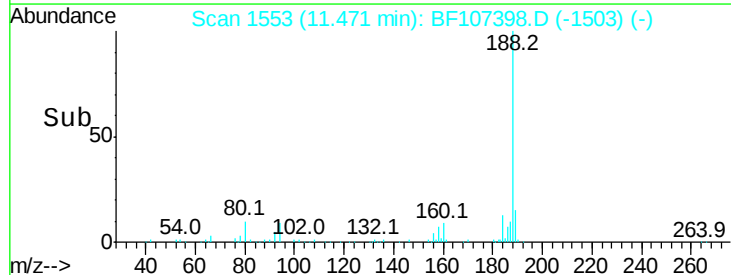
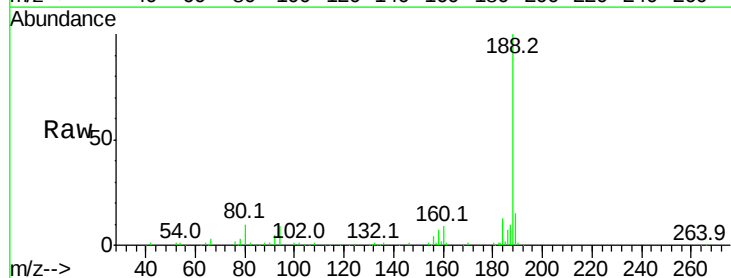
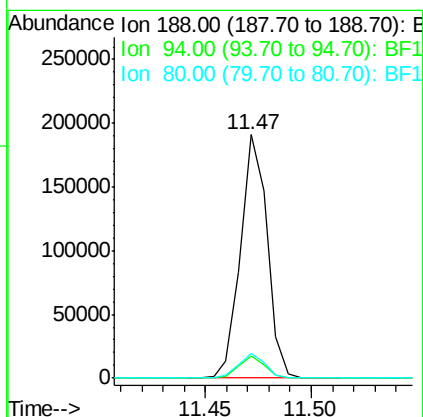
Sohil

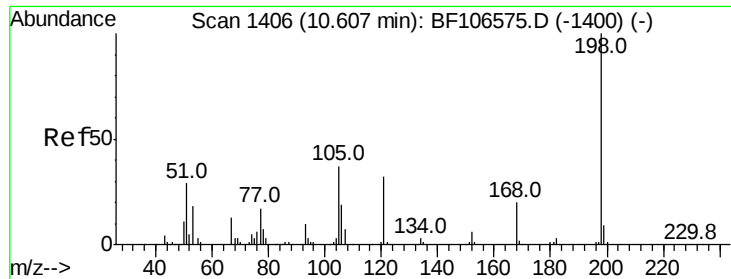
7/16/2018 3:22:50 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		166458		
94	9.3	8.5	12.7		
80	9.9	9.2	13.8		





#64

4,6-Dinitro-2-methylphenol

Concen: 11.831 ng

RT: 10.60 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

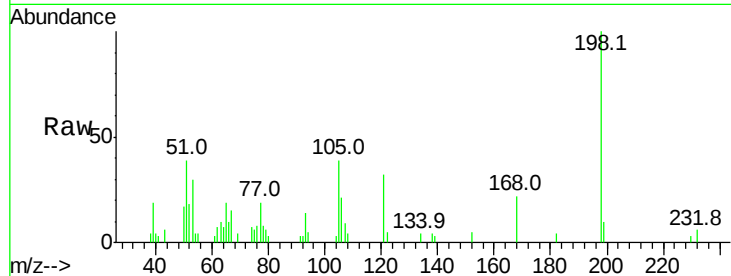
ClientSampleId :

PB111110BSD

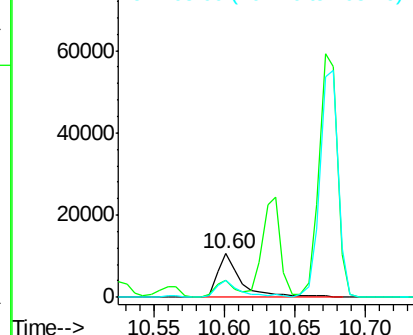
Tot Ion:	198	Resp:	12174
Ion Ratio	Lower	Upper	
198	100		
51	39.2	37.7	77.7
105	38.8	36.3	76.3

Manual Integrations
APPROVED

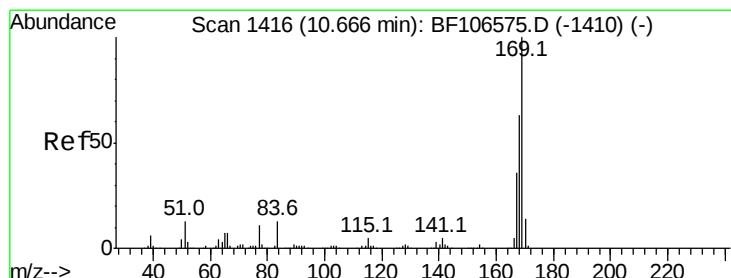
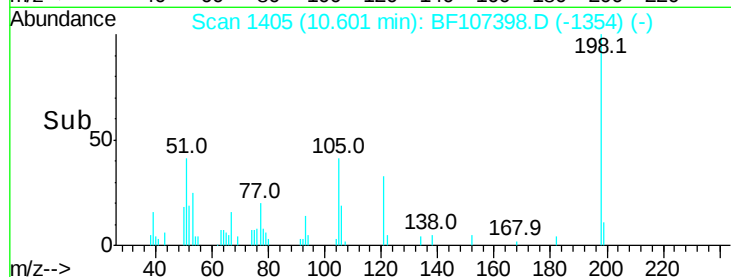
Sohil



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 33.451 ng

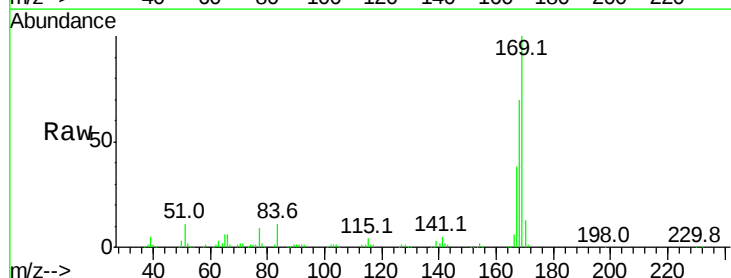
RT: 10.64 min Scan# 1411

Delta R.T. -0.01 min

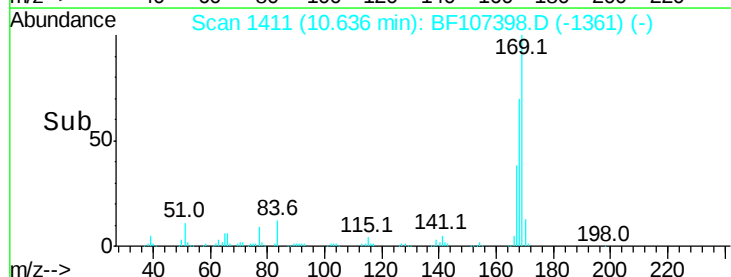
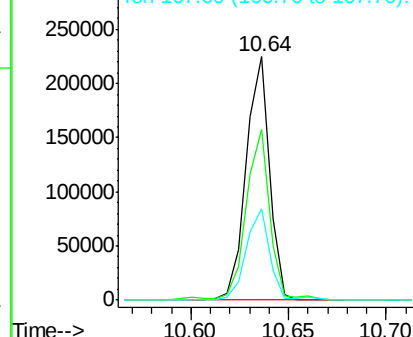
Lab File: BF107398.D

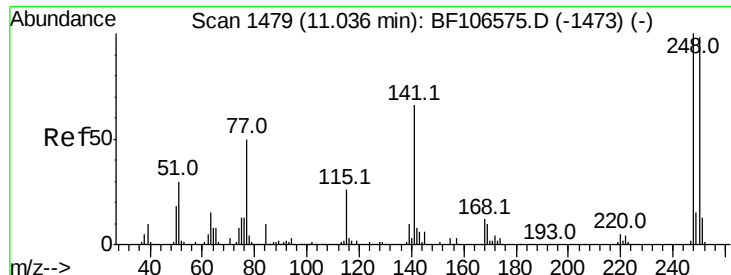
Acq: 14 Jul 2018 6:14

Tgt Ion:	169	Resp:	187286
Ion Ratio	Lower	Upper	
169	100		
168	69.9	54.4	81.6
167	37.7	29.8	44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





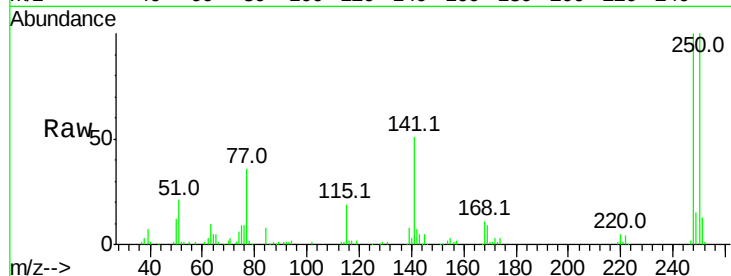
#66
4-Bromophenyl-phenylether
Concen: 37.600 ng
RT: 11.01 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.9	115.3
141	51.3	74.4	111.6

Manual Integrations
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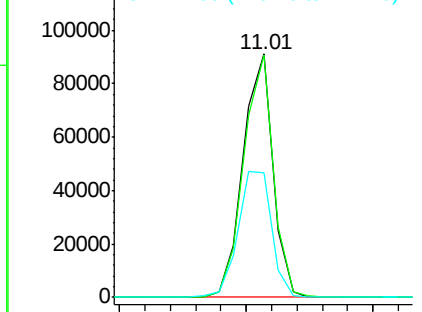


Abundance

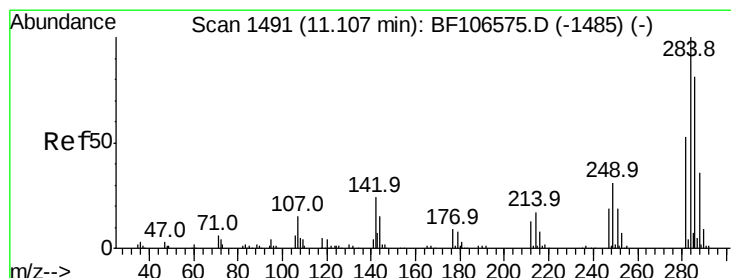
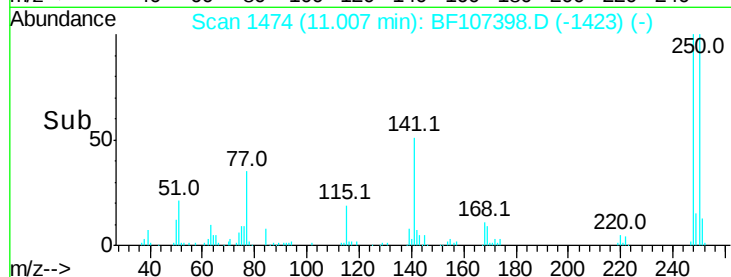
Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

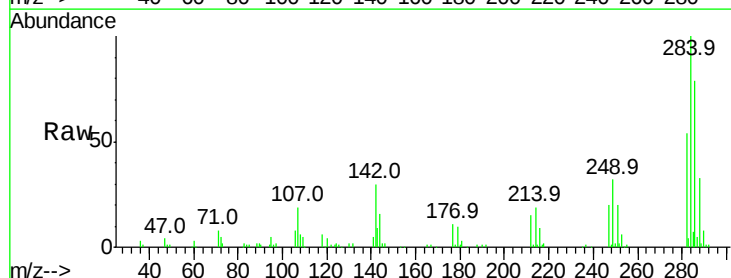


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#67
Hexachlorobenzene
Concen: 38.354 ng
RT: 11.08 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	34.6	52.0
249	31.8	24.8	37.2

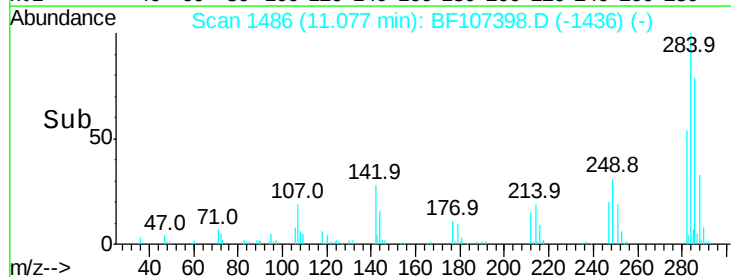
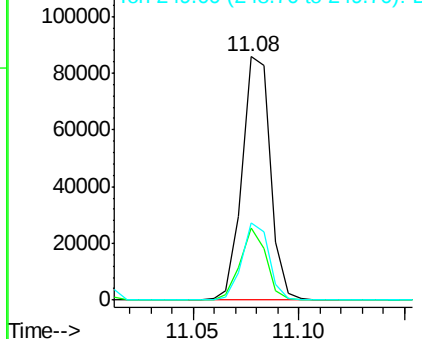


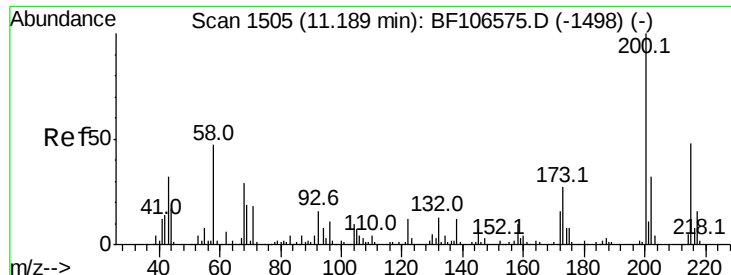
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





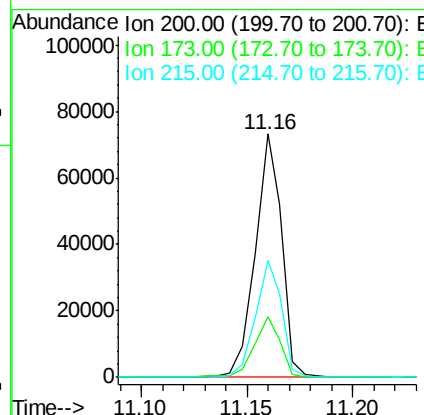
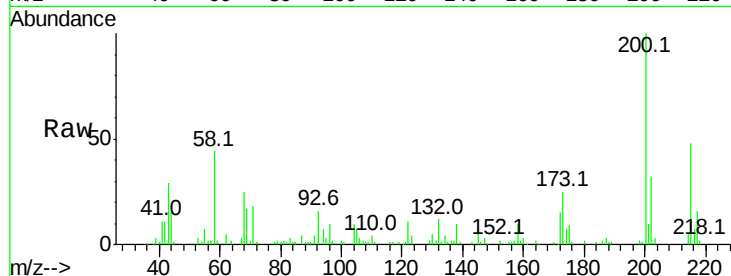
#68
 Atrazine
 Concen: 35.622 ng
 RT: 11.16 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

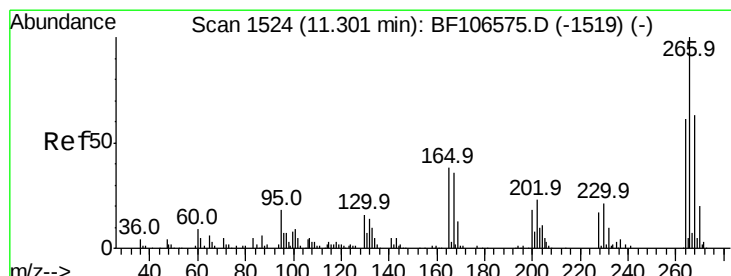
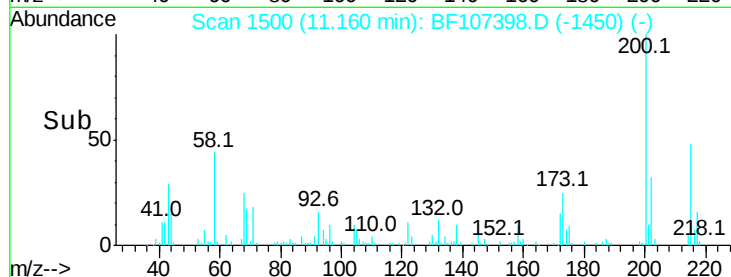
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	8.6	48.6
215	47.8	25.1	65.1

Manual Integrations
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Sohil

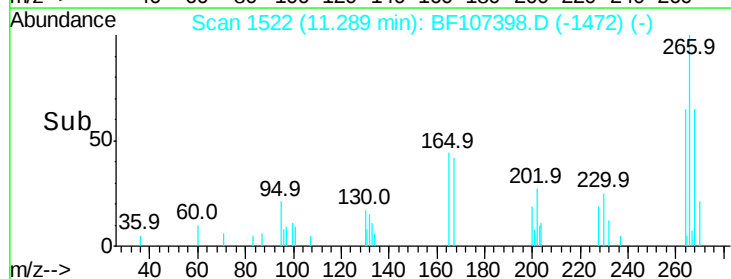
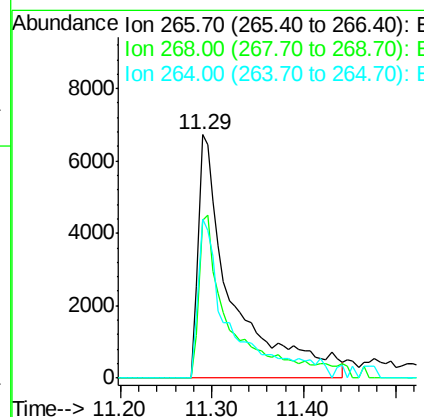
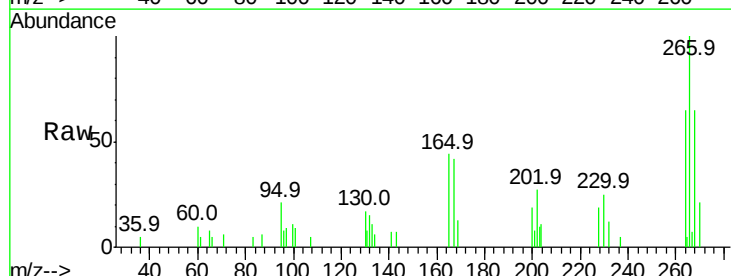


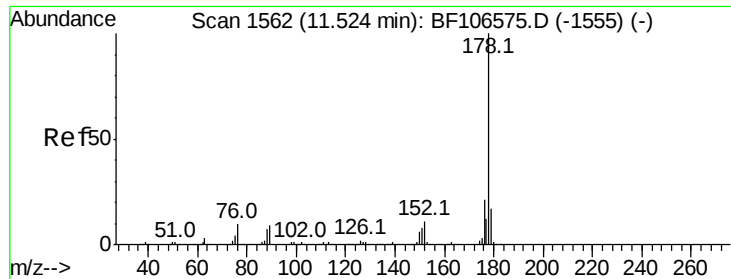
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#69
 Pentachlorophenol
 Concen: 16.780 ng m
 RT: 11.29 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	65.5	49.5	74.3





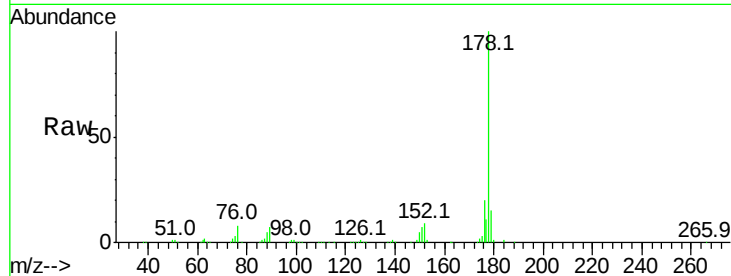
#70
Phenanthrene
Concen: 40.001 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

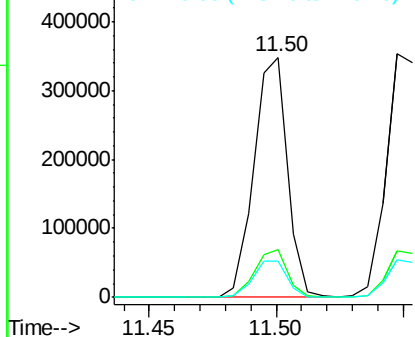
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6

Manual Integrations
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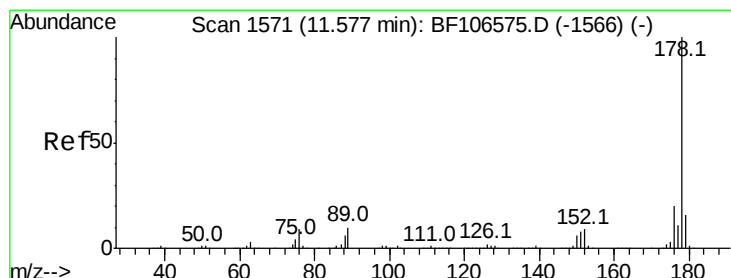
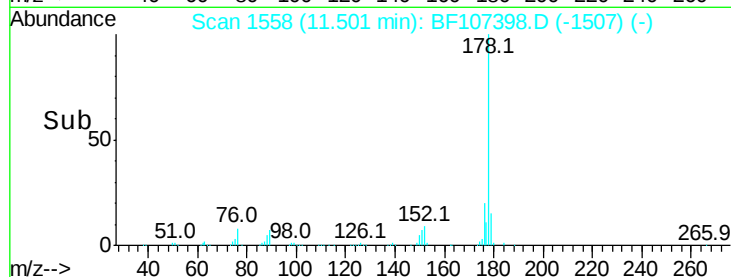
Sohil



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



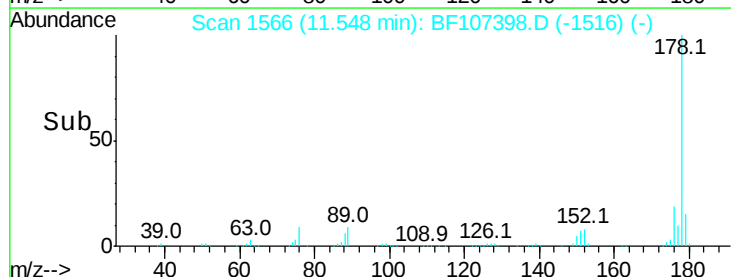
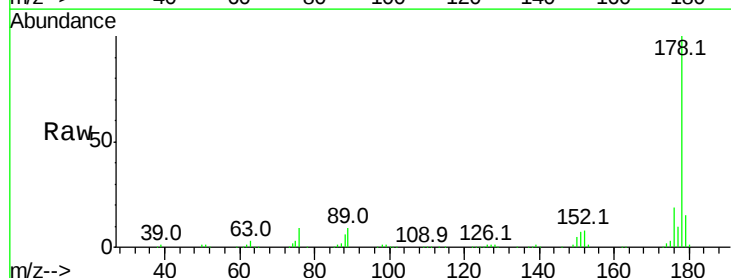
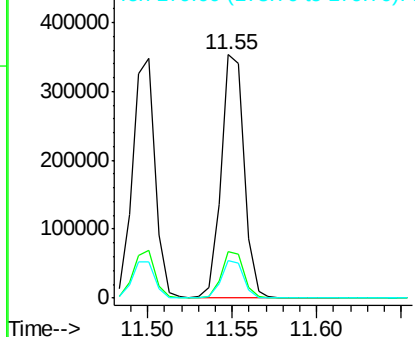
7/16/2018 3:22:50 PM

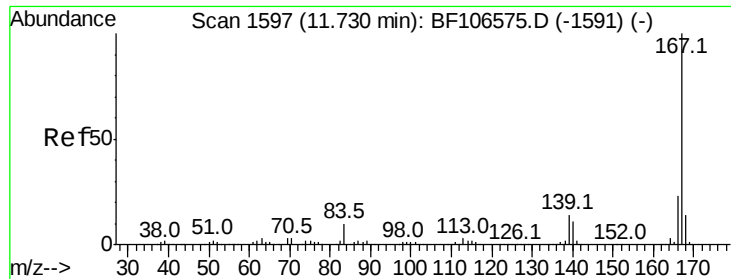


#71
Anthracene
Concen: 40.882 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.2	12.6	19.0

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





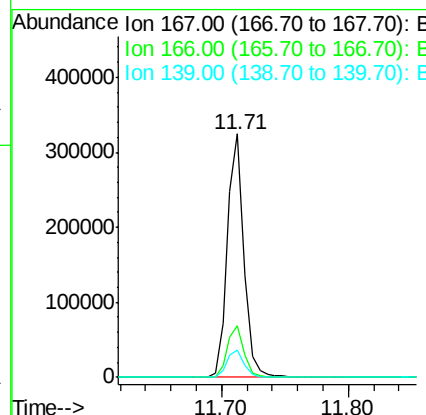
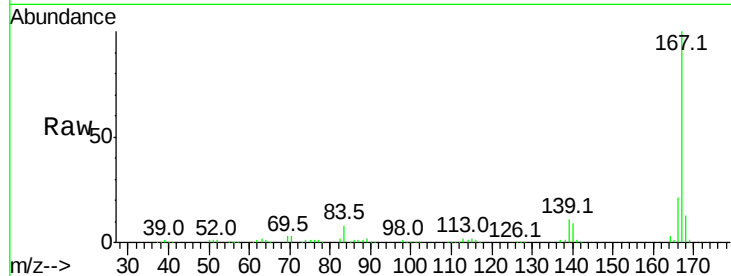
#72
 Carbazole
 Concen: 38.551 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

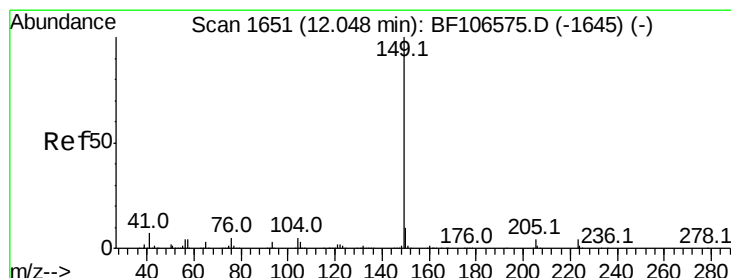
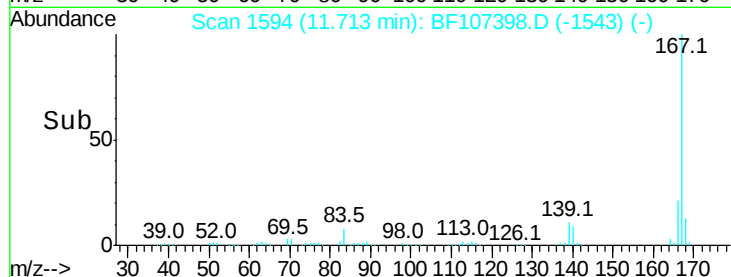
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	11.3	10.9	16.3

Manual Integrations
 APPROVED

Sohil

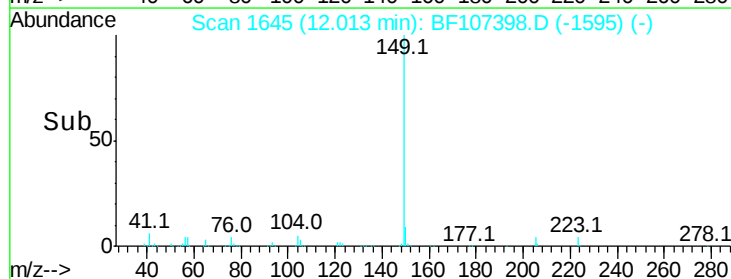
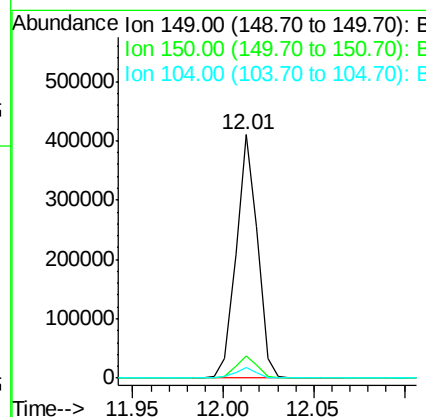
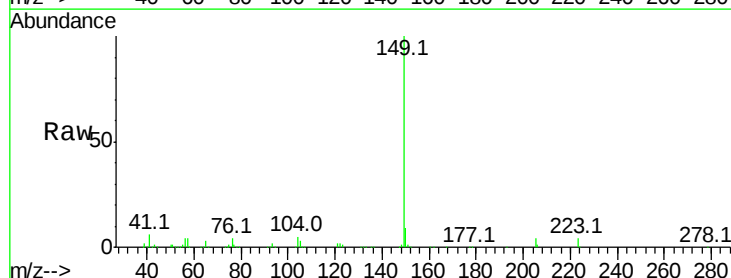


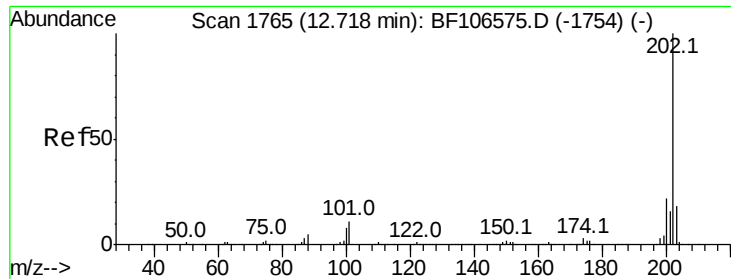
7/16/2018 3:22:50 PM



#73
 Di-n-butylphthalate
 Concen: 36.968 ng
 RT: 12.01 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.6	3.8	5.8





#74

Fluoranthene

Concen: 40.804 ng

RT: 12.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

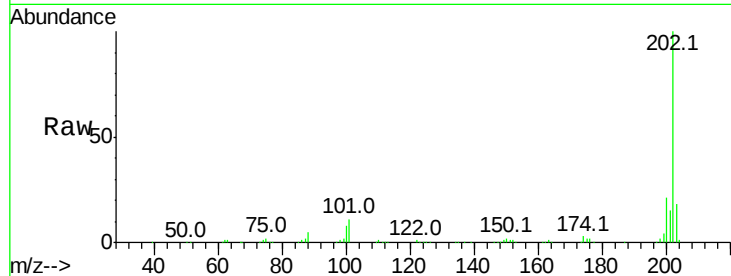
ClientSampleId :

PB111110BSD

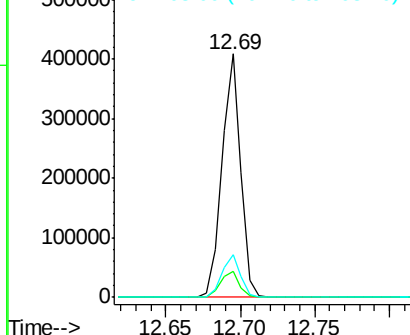
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		361084		
101	10.5	0.0	34.1		
203	17.8	0.0	38.1		

Manual Integrations
APPROVED

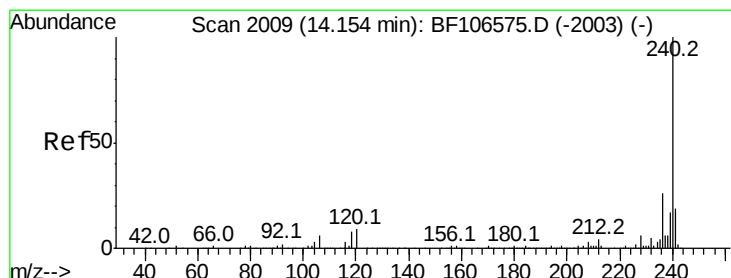
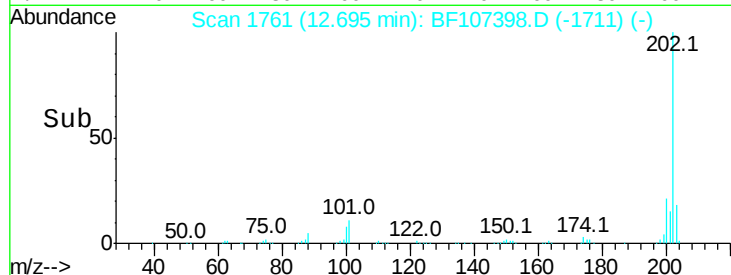
Sohil



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



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#75

Chrysene-d12

Concen: 20.000 ng

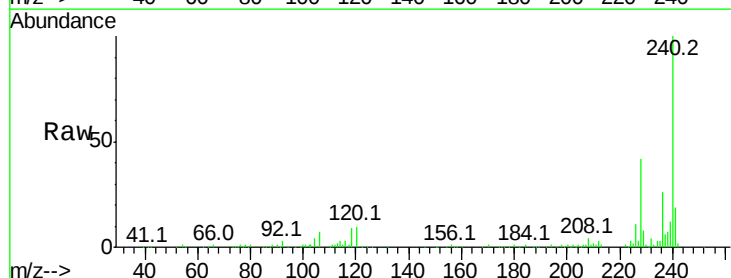
RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

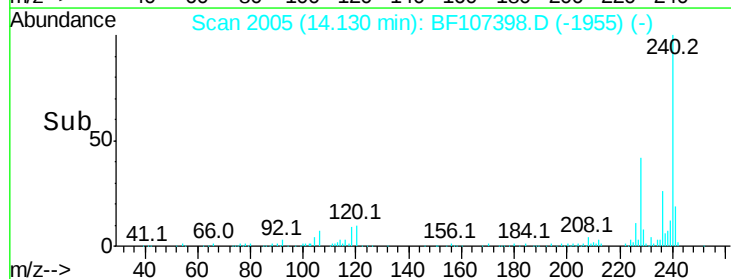
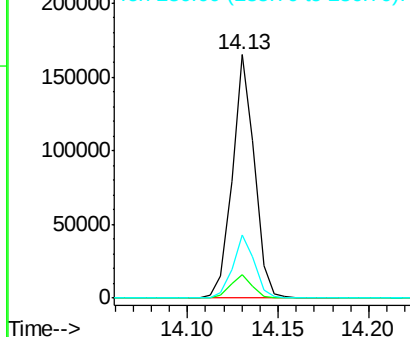
Lab File: BF107398.D

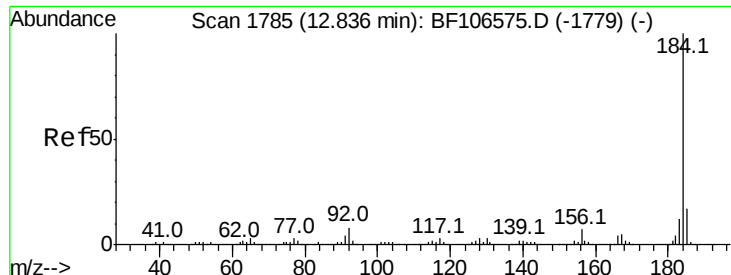
Acq: 14 Jul 2018 6:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		139517		
120	9.6	9.5	14.3		
236	25.9	20.7	31.1		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76
Benzidine
Concen: 44.931 ng
RT: 12.82 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

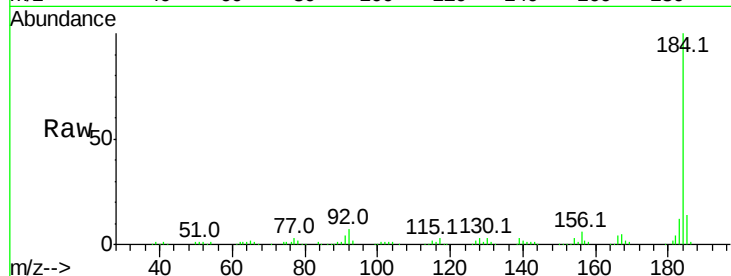
Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	178531		
185	13.6		12.6	18.8
183	11.7		9.3	13.9

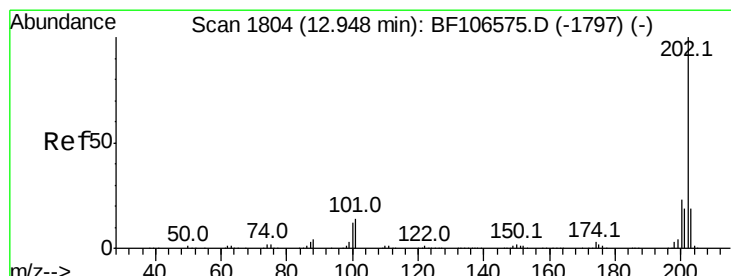
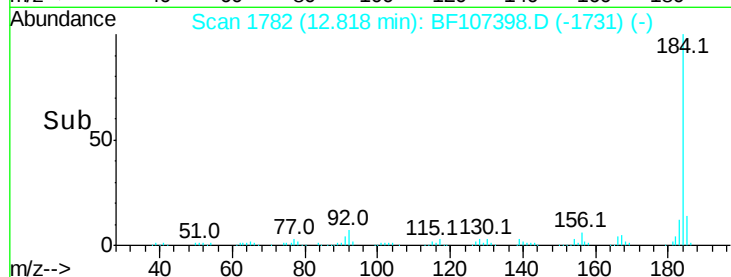
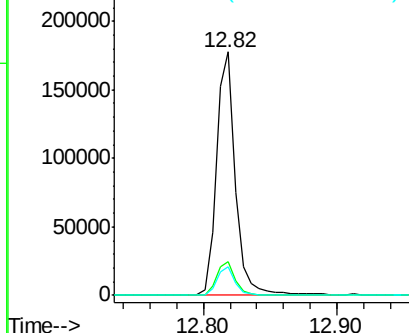
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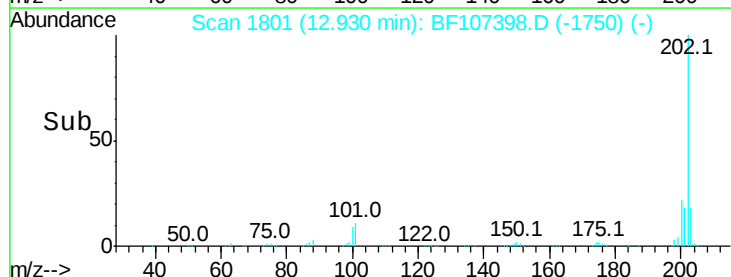
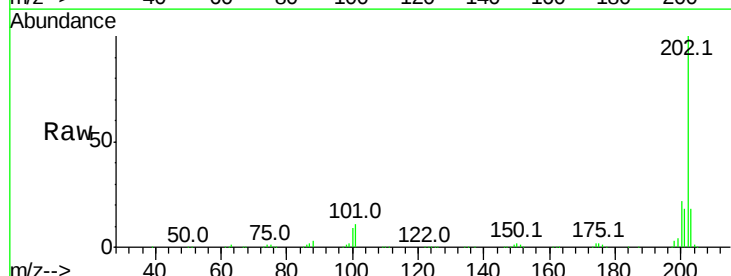
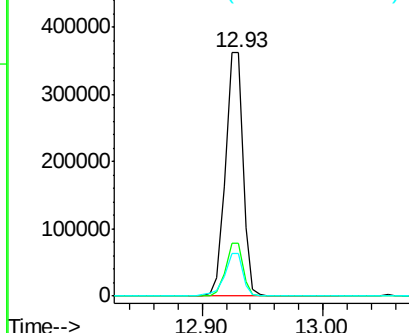
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

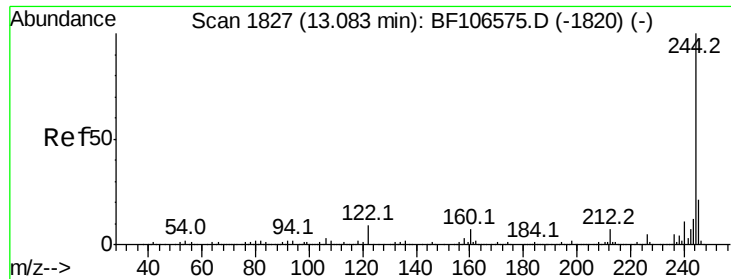


#77
Pyrene
Concen: 39.849 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	366615		
200	21.8		17.4	26.2
203	17.6		14.3	21.5

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





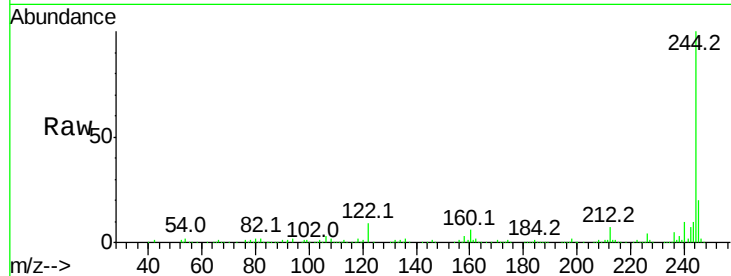
#78
 Terphenyl-d14
 Concen: 94.207 ng
 RT: 13.05 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

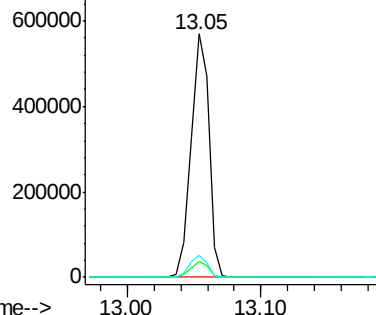
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.1	11.0	16.4

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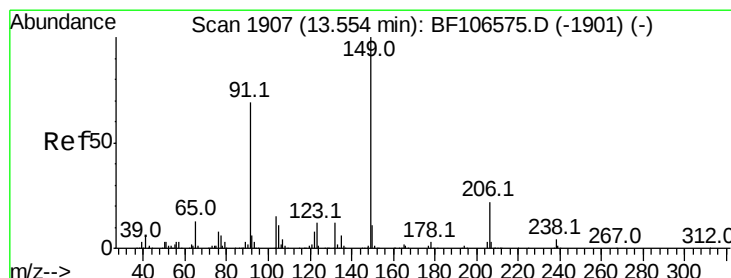
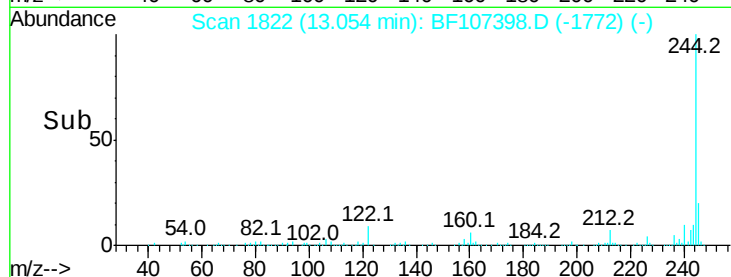
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Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

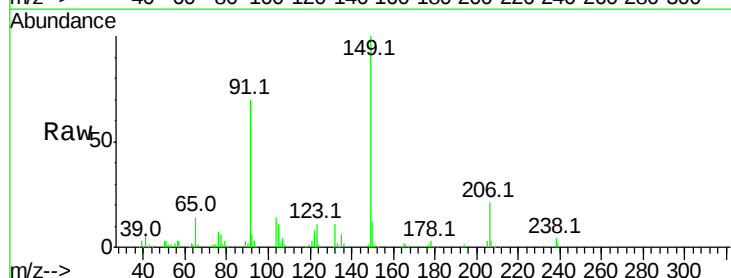


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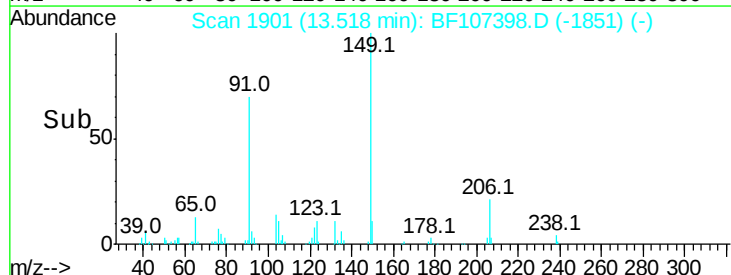
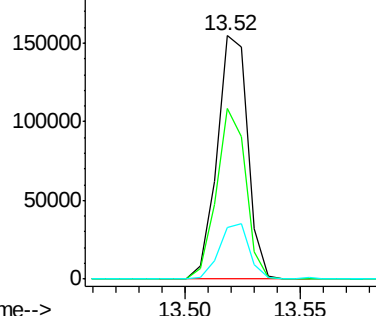


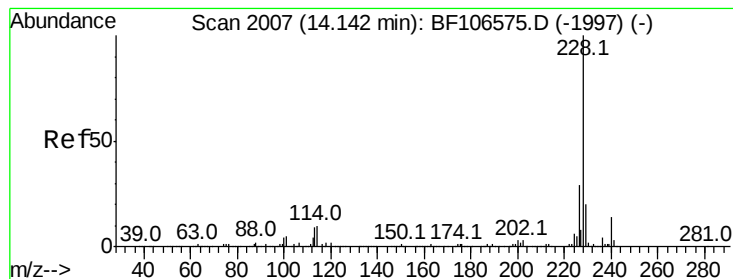
#79
 Butylbenzylphthalate
 Concen: 38.113 ng
 RT: 13.52 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	56.8	85.2
206	21.5	14.1	21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.718 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

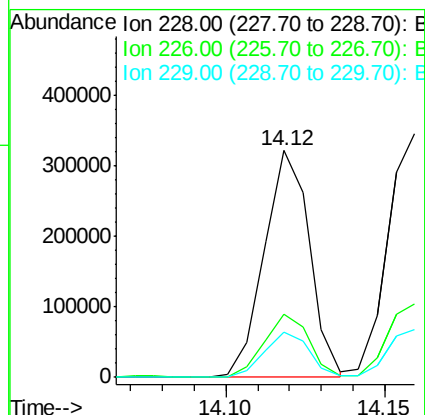
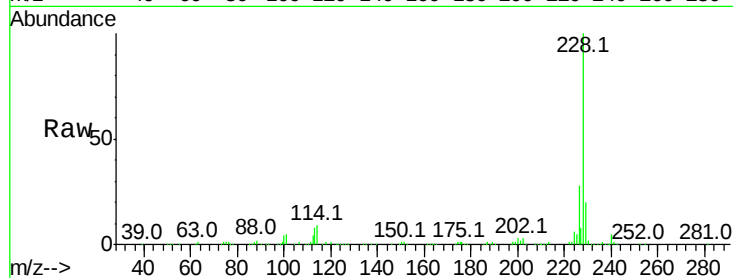
ClientSampleId :

PB111110BSD

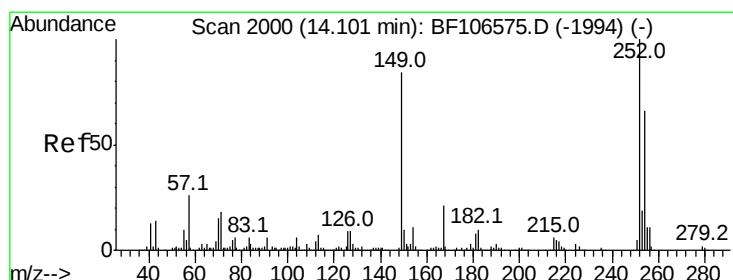
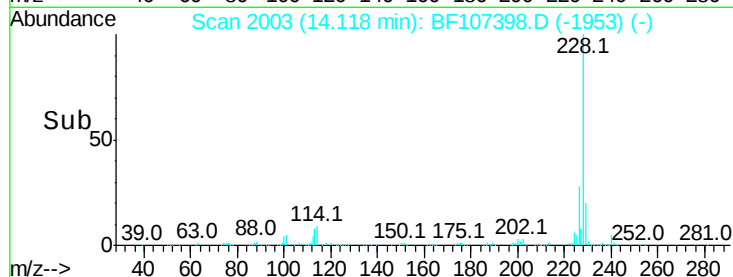
Tot Ion:	228	Resp:	320719
Ion Ratio	Lower	Upper	
228	100		
226	28.2	22.6	33.8
229	20.0	15.8	23.6

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#81

3,3'-Dichlorobenzidine

Concen: 35.272 ng

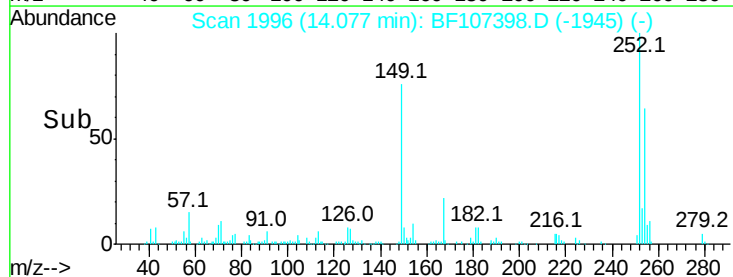
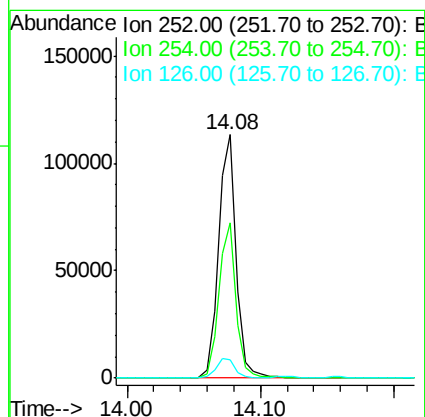
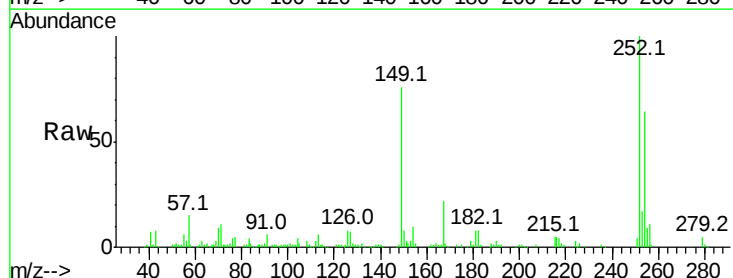
RT: 14.08 min Scan# 1996

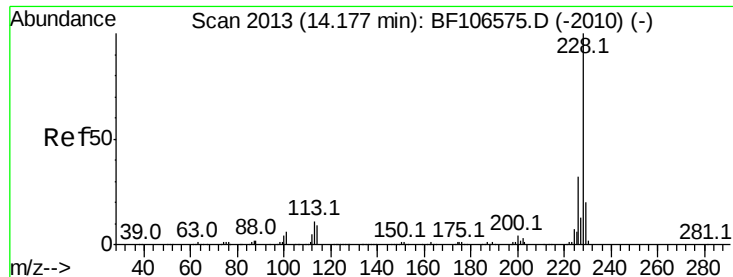
Delta R.T. -0.00 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	252	Resp:	105411
Ion Ratio	Lower	Upper	
252	100		
254	64.0	50.4	75.6
126	7.6	11.3	16.9#





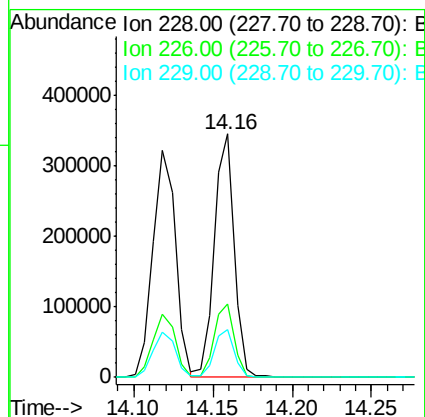
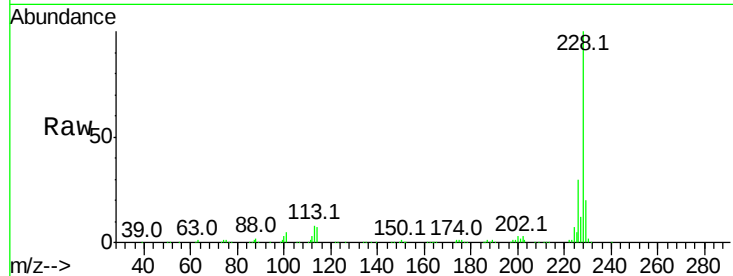
#82
 Chrvsene
 Concen: 38.760 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Instrument :
 BNA_F
 ClientSampleId :
 PB111110BSD

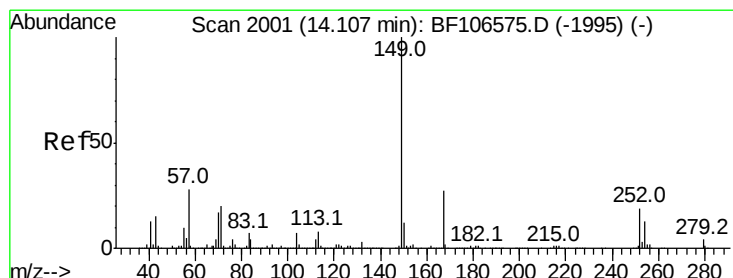
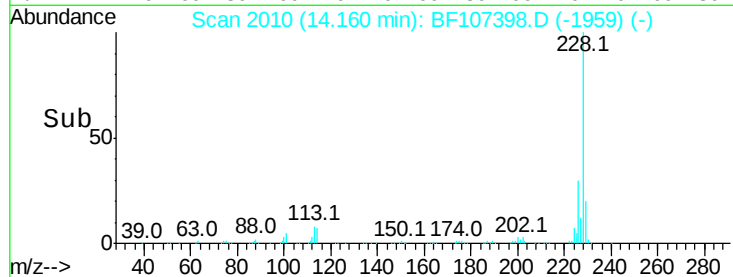
Tot Ion:	228	Resp:	303210
Ion Ratio		Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.6	16.2	24.4

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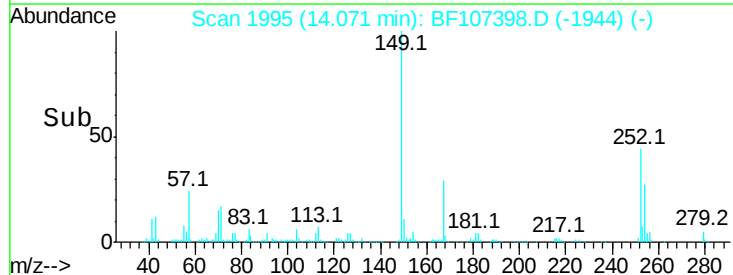
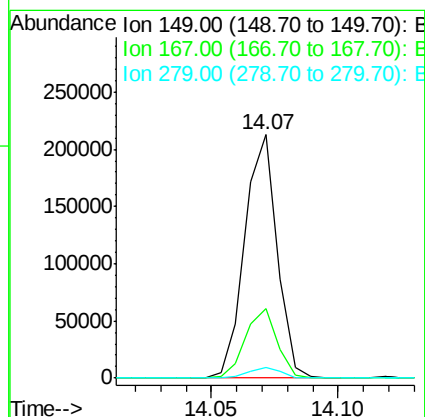
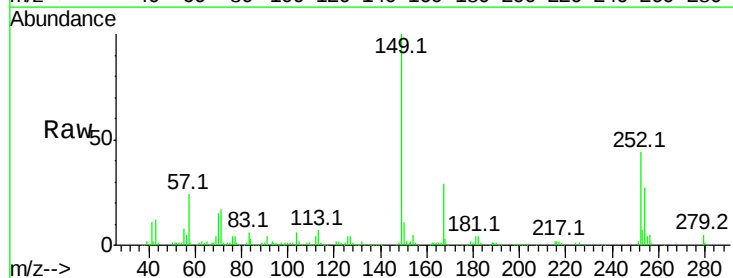


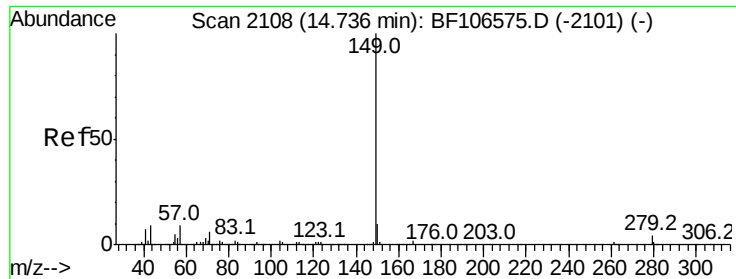
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.876 ng
 RT: 14.07 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF107398.D
 Acq: 14 Jul 2018 6:14

Tgt Ion:	149	Resp:	188005
Ion Ratio		Lower	Upper
149	100		
167	28.7	21.3	31.9
279	4.6	3.0	4.4#





#84

Di-n-octyl phthalate

Concen: 41.193 ng

RT: 14.69 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Instrument :

BNA_F

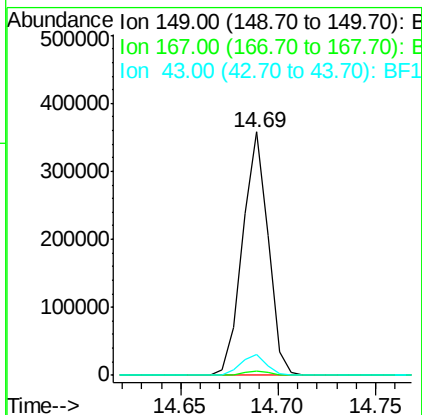
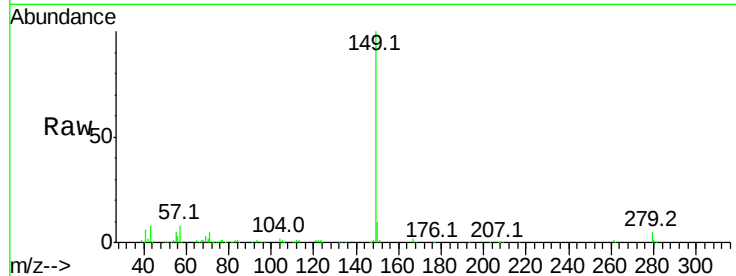
ClientSampleId :

PB111110BSD

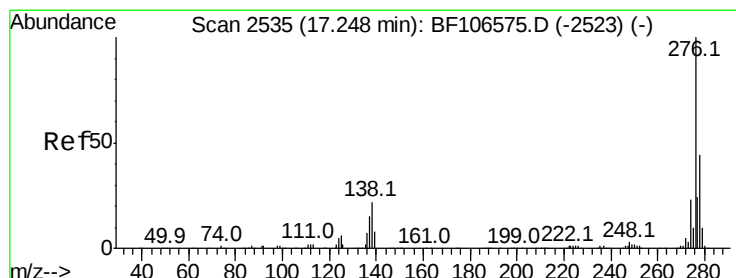
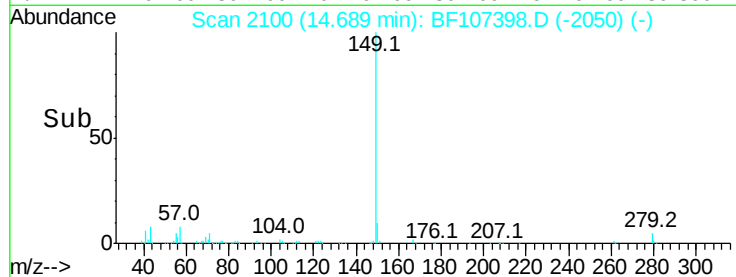
Tot Ion:	149	Resp:	324721
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 37.694 ng

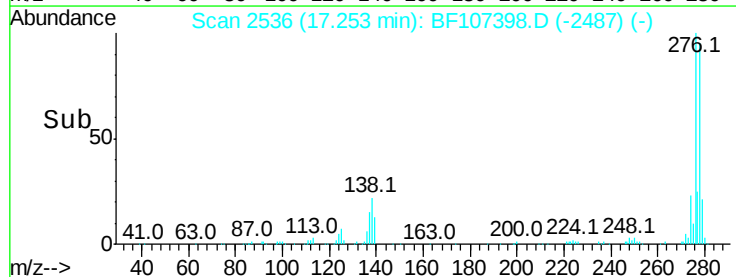
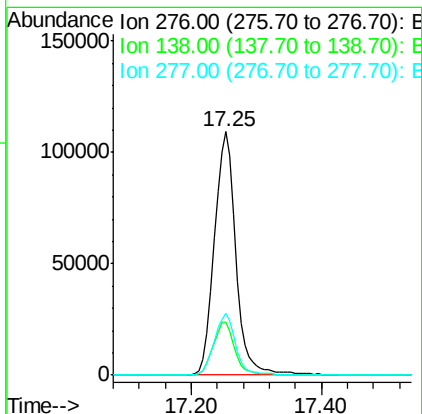
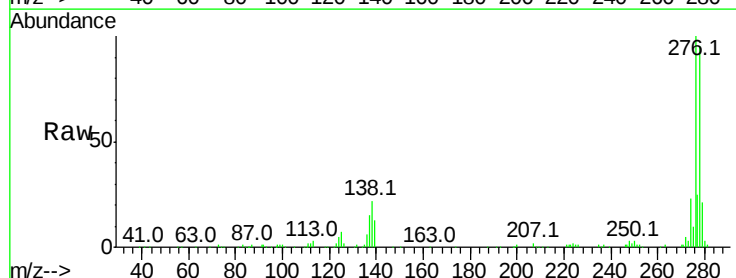
RT: 17.25 min Scan# 2536

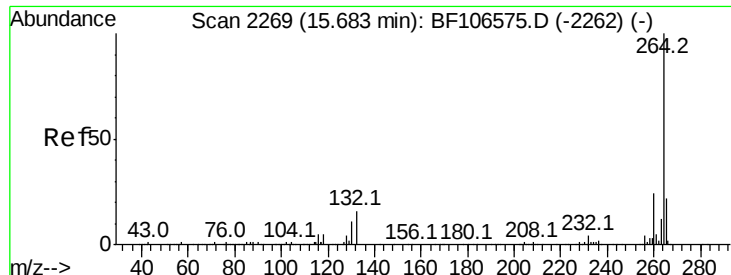
Delta R.T. -0.01 min

Lab File: BF107398.D

Acq: 14 Jul 2018 6:14

Tgt Ion:	276	Resp:	250239
Ion Ratio	Lower	Upper	
276	100		
138	21.8	25.0	37.6#
277	25.0	20.1	30.1





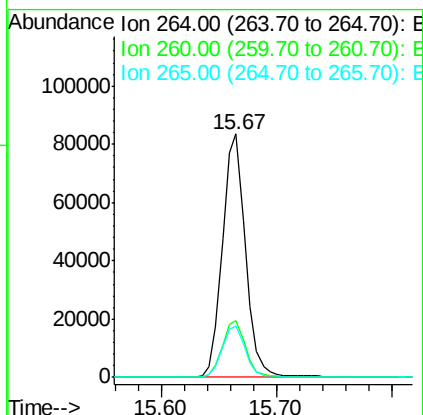
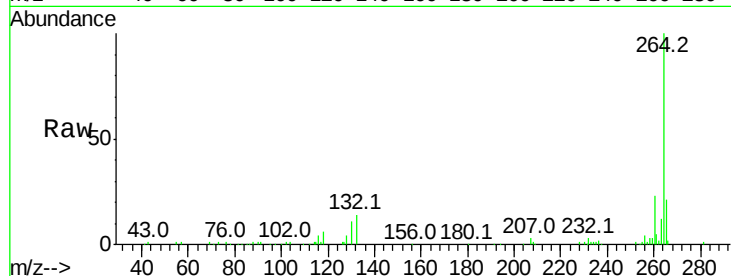
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

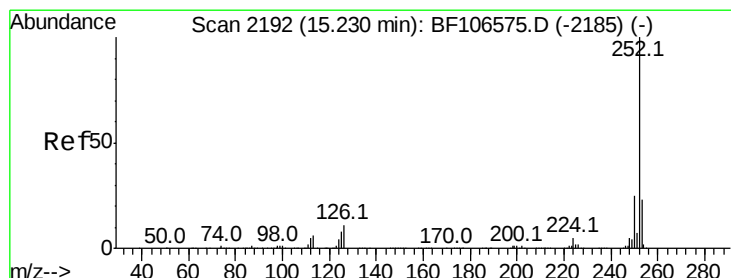
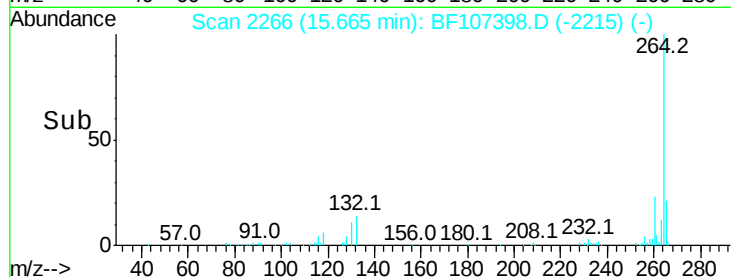
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.1	17.5	26.3

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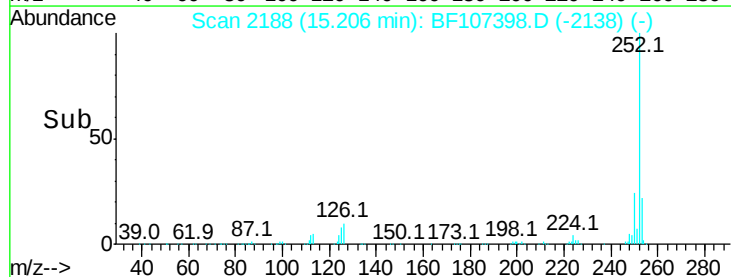
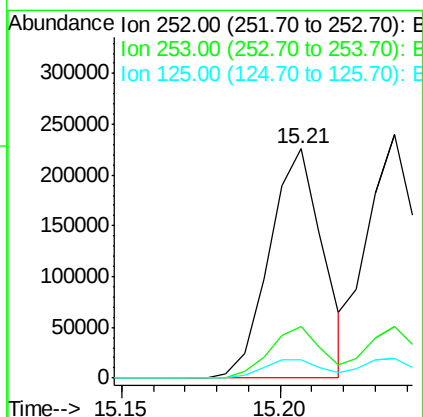
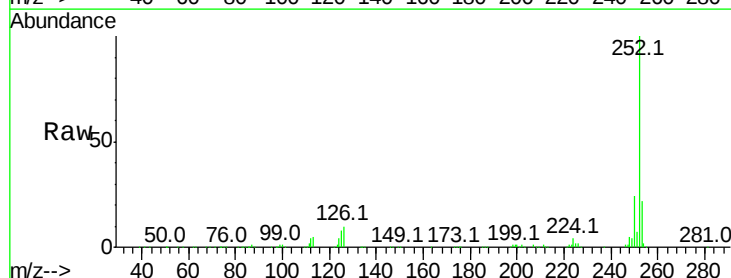


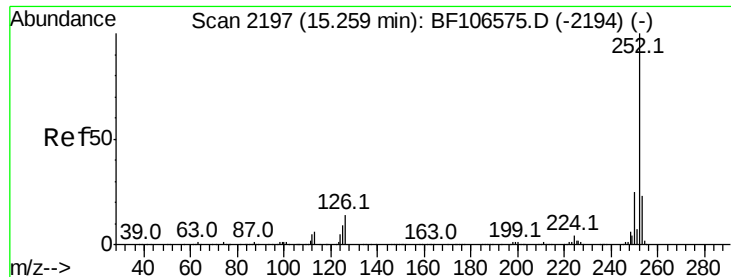
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#87
Benzo(b)fluoranthene
Concen: 36.760 ng
RT: 15.21 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.9	9.0	13.6





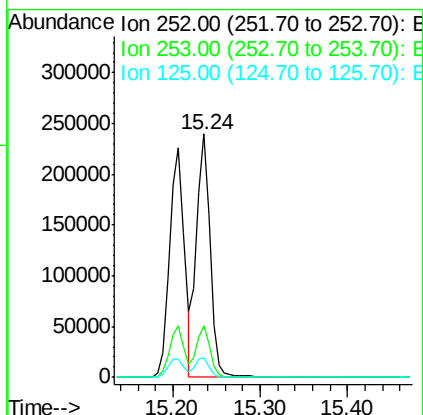
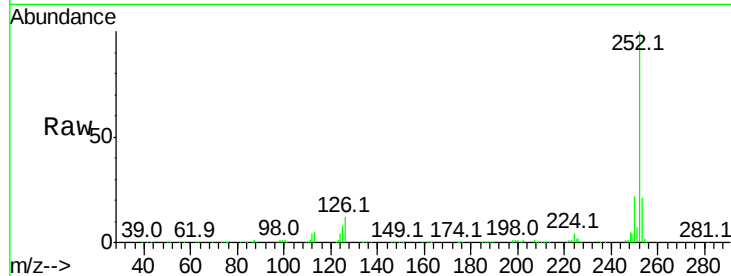
#88
Benzo(k)fluoranthene
Concen: 38.932 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

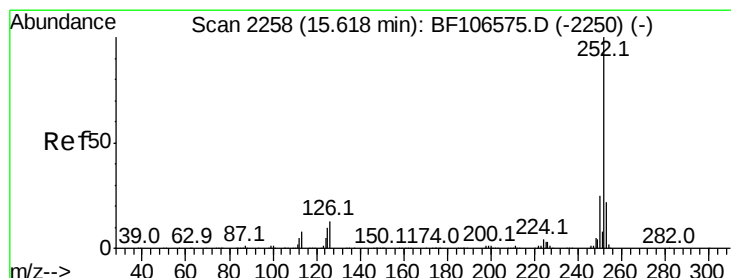
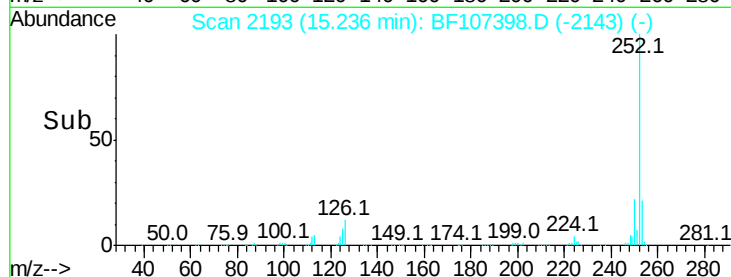
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.9	10.2	15.2#

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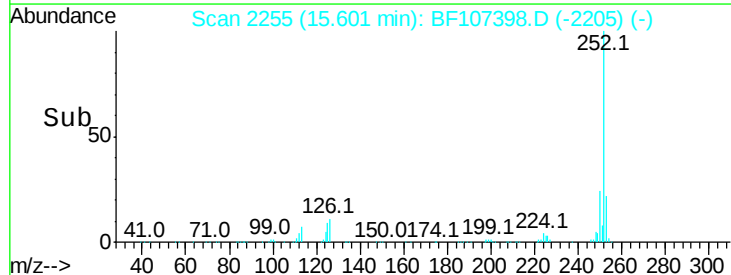
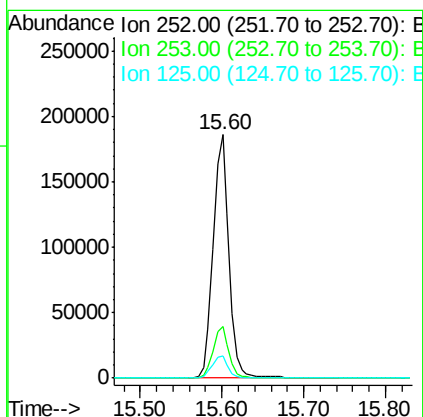
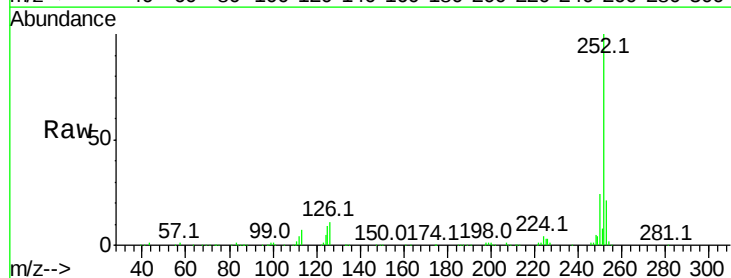


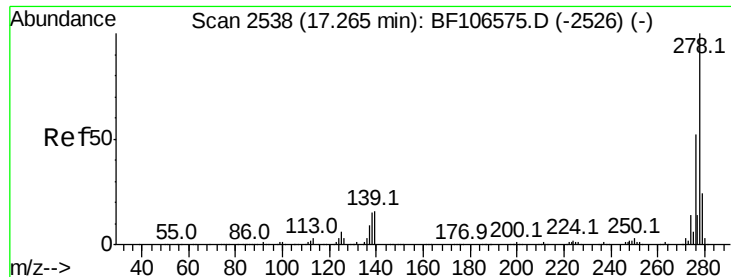
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#89
Benzo(a)pyrene
Concen: 39.136 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	9.0	9.8	14.6#





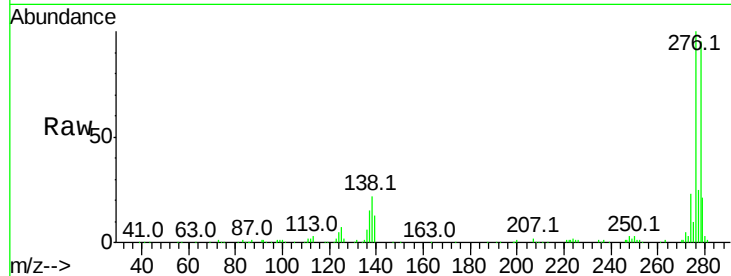
#90
Dibenzo(a,h)anthracene
Concen: 39.248 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Instrument :
BNA_F
ClientSampleId :
PB111110BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	15.9	23.9#
279	22.4	19.0	28.4

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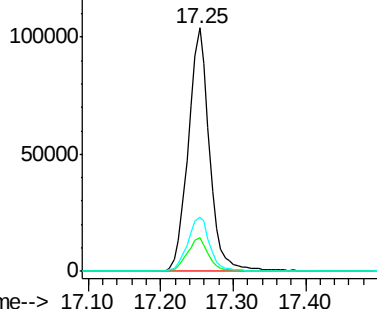


Abundance

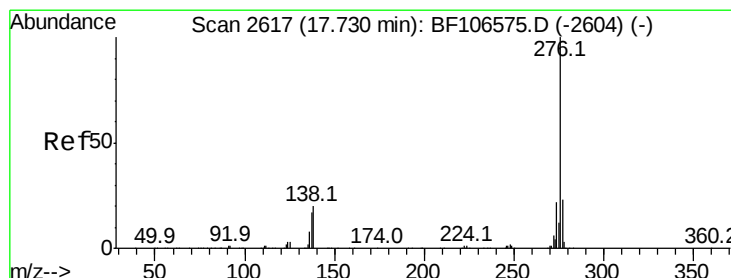
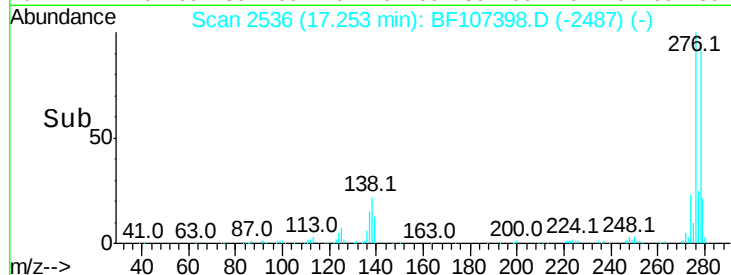
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



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#91
Benzo(g,h,i)perylene
Concen: 39.081 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF107398.D
Acq: 14 Jul 2018 6:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	19.4	21.8	32.8#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

