

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100881.D
 Acq On : 27 Nov 2017 10:24
 Operator : SJ/JU
 Sample : PB104481BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Manual Integrations
 APPROVED

Sohil

11/28/2017 2:44:41 PM

Quant Time: Nov 28 09:18:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 14:11:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	65642	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	266919	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	130538	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	260990	20.00	ng	0.00
75) Chrysene-d12	14.03	240	189099	20.00	ng	0.00
86) Perylene-d12	15.49	264	145021	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	396443	96.81	ng	0.00
7) Phenol-d6	6.50	99	485889	96.22	ng	0.00
23) Nitrobenzene-d5	7.43	82	310256	76.85	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	154561	116.20	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	688683	80.33	ng	0.00
78) Terphenyl-d14	12.97	244	699574	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	48826	24.467	ng	94
3) Pyridine	3.50	79	16745	3.076	ng	99
4) n-Nitrosodimethylamine	3.38	42	77055	29.150	ng	93
6) Aniline	6.53	93	131784	18.473	ng	98
8) 2-Chlorophenol	6.65	128	167810	38.736	ng	98
9) Benzaldehyde	6.41	77	46584	12.918	ng	96
10) Phenol	6.51	94	200288	37.783	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	152086	34.156	ng	98
12) 1,3-Dichlorobenzene	6.80	146	185016	37.043	ng	97
13) 1,4-Dichlorobenzene	6.87	146	190121	37.610	ng	98
14) 1,2-Dichlorobenzene	7.03	146	179030	38.304	ng	97
15) Benzyl Alcohol	7.00	79	143827	36.495	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	259632	36.457	ng	98
17) 2-Methylphenol	7.12	107	139597	37.708	ng	98
18) Hexachloroethane	7.37	117	62904	37.741	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	115310	32.927	ng	95
20) 3+4-Methylphenols	7.27	107	178082	38.014	ng	# 66
22) Acetophenone	7.27	105	227572	34.964	ng	# 90
24) Nitrobenzene	7.45	77	171051	41.164	ng	96
25) Isophorone	7.68	82	315463	37.183	ng	99
26) 2-Nitrophenol	7.76	139	93827	48.141	ng	99
27) 2,4-Dimethylphenol	7.79	122	153166	40.273	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	195915	35.303	ng	99
29) 2,4-Dichlorophenol	8.00	162	153480	42.272	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	158506	40.359	ng	98
31) Naphthalene	8.16	128	492891	38.339	ng	99
32) Benzoic acid	7.92	122	70715	28.911	ng	97
33) 4-Chloroaniline	8.21	127	76567	14.308	ng	97
34) Hexachlorobutadiene	8.27	225	93315	39.962	ng	99
35) Caprolactam	8.60	113	44782m	35.941	ng	
36) 4-Chloro-3-methylphenol	8.70	107	156058	40.021	ng	95
37) 2-Methylnaphthalene	8.86	142	348796	40.865	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	166256	38.403	ng	97
40) Hexachlorocyclopentadiene	9.00	237	161716	79.367	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	116201	42.350	nq	100
43) 2,4,5-Trichlorophenol	9.18	196	122836	43.209	nq	# 90
45) 1,1'-Biphenyl	9.32	154	425032	37.646	nq	97
46) 2-Chloronaphthalene	9.35	162	335328	40.941	nq	96
47) 2-Nitroaniline	9.45	65	98058	40.951	nq	98
48) Acenaphthylene	9.76	152	507555	37.392	nq	100
49) Dimethylphthalate	9.62	163	435055	43.651	nq	100
50) 2,6-Dinitrotoluene	9.69	165	87180	44.190	nq	# 84
51) Acenaphthene	9.93	154	298549	36.165	nq	99
52) 3-Nitroaniline	9.85	138	58131	24.953	nq	97
53) 2,4-Dinitrophenol	9.96	184	77981	86.640	nq	# 16
54) Dibenzofuran	10.10	168	456419	39.447	nq	99
55) 4-Nitrophenol	10.02	139	136248	72.026	nq	96
56) 2,4-Dinitrotoluene	10.09	165	116052	46.629	nq	# 86
57) Fluorene	10.45	166	364253	42.974	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	102888	44.160	nq	# 85
59) Diethylphthalate	10.32	149	384558	38.556	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	176794	42.519	nq	88
61) 4-Nitroaniline	10.47	138	78793	35.669	nq	93
62) Azobenzene	10.60	77	330762	35.210	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	53712	42.052	nq	84
65) n-Nitrosodiphenylamine	10.56	169	332399	36.628	nq	97
66) 4-Bromophenyl-phenylether	10.93	248	112520	40.218	nq	# 88
67) Hexachlorobenzene	11.00	284	116910	39.954	nq	# 83
68) Atrazine	11.09	200	107274	39.051	nq	97
69) Pentachlorophenol	11.19	266	124719	59.441	nq	100
70) Phenanthrene	11.41	178	540031	39.299	nq	98
71) Anthracene	11.46	178	552133	39.604	nq	99
72) Carbazole	11.62	167	470368	36.565	nq	99
73) Di-n-butylphthalate	11.94	149	647034	42.981	nq	100
74) Fluoranthene	12.60	202	552598	37.944	nq	97
77) Pyrene	12.83	202	566876	42.054	nq	98
79) Butylbenzylphthalate	13.44	149	244028	44.391	nq	94
80) Benzo(a)anthracene	14.02	228	463170	40.674	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	96505	23.653	nq	99
82) Chrysene	14.06	228	432023	39.178	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	334844	46.312	nq	100
84) Di-n-octyl phthalate	14.61	149	510779	41.123	nq	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	337513	37.840	nq	94
87) Benzo(b)fluoranthene	15.07	252	354439m	41.254	nq	
88) Benzo(k)fluoranthene	15.10	252	327149	40.299	nq	# 96
89) Benzo(a)pyrene	15.43	252	320709	42.105	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	279486	44.867	nq	# 96
91) Benzo(g,h,i)perylene	17.43	276	291934	47.876	nq	# 92

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

```
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Operator  : SJ/JU
Sample    : PB104481BS
Misc      :
ALS Vial  : 3      Sample Multiplier: 1
```

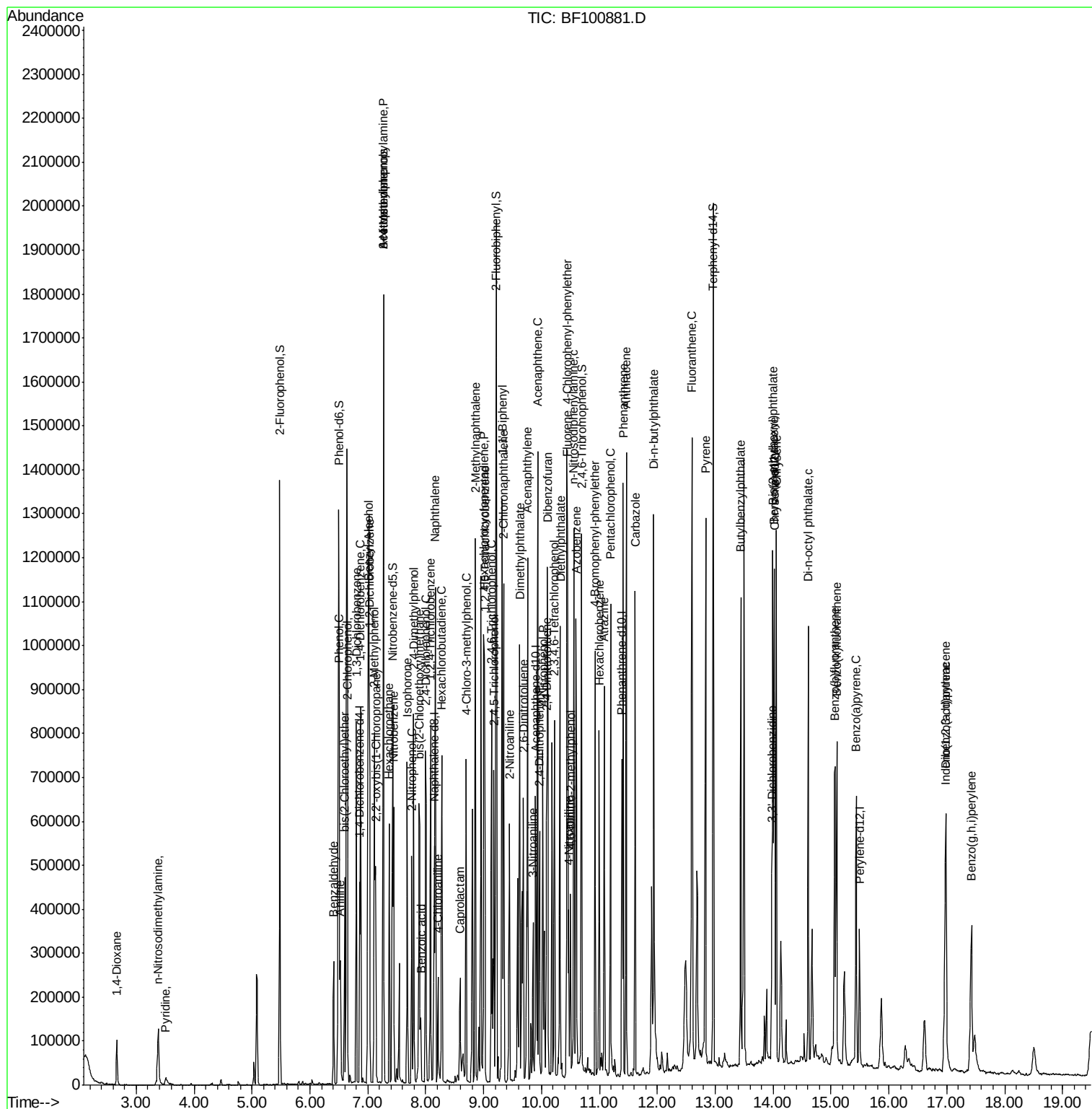
Instrument :
BNA_F
ClientSampleId :
PB104481BS

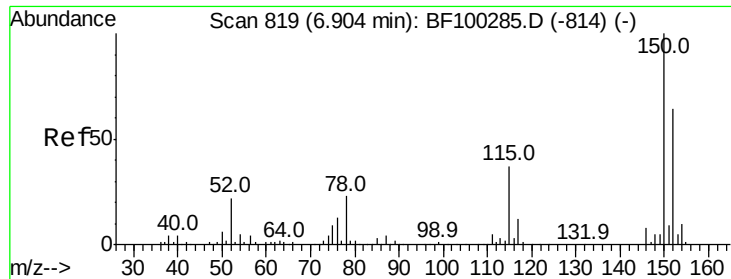
Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

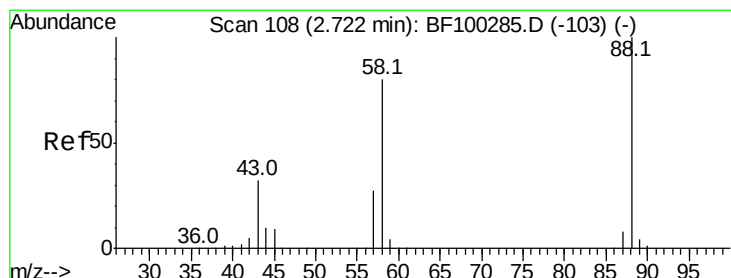
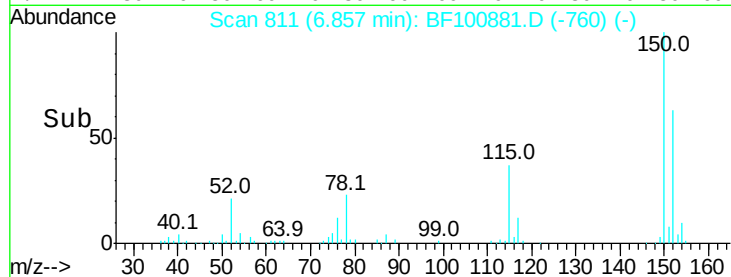
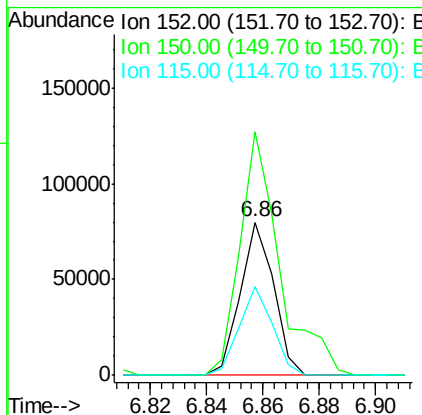
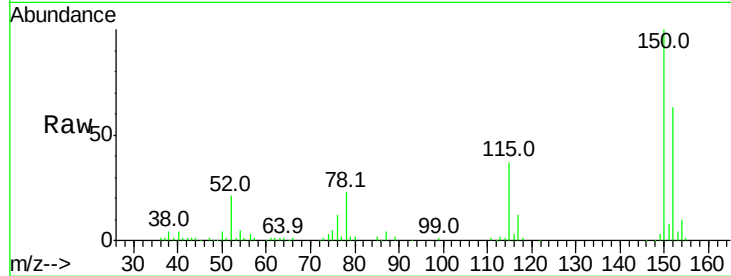
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	58.4	50.1	75.1

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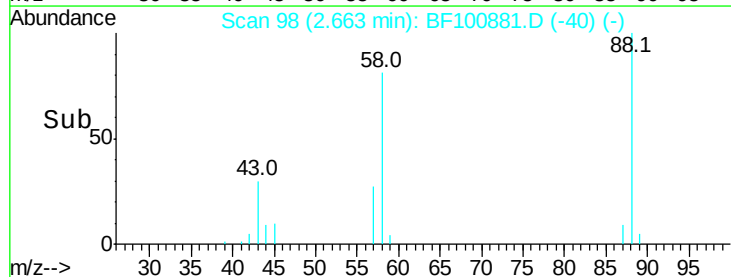
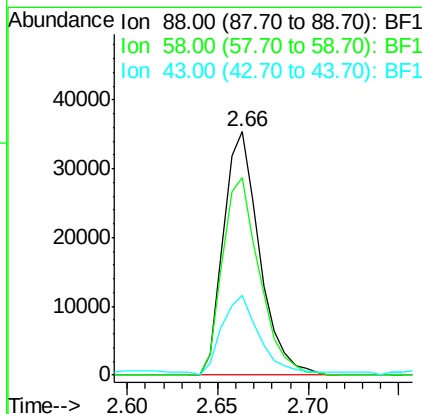
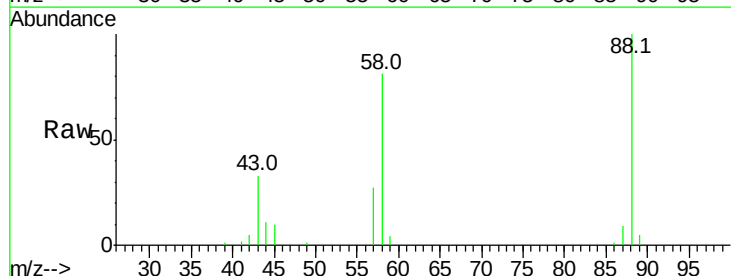
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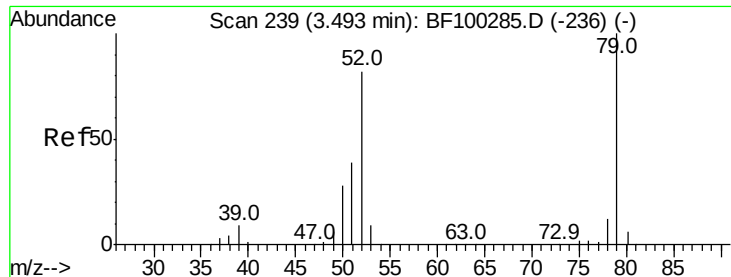


#2

1,4-Dioxane
 Concen: 24.467 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.04 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	62.6	93.8
43	33.8	24.6	37.0





#3
 Pvridine
 Concen: 3.076 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.11 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

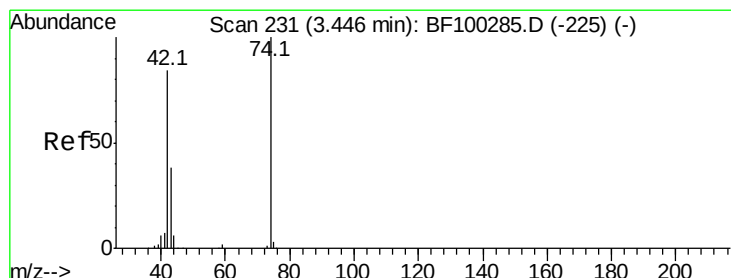
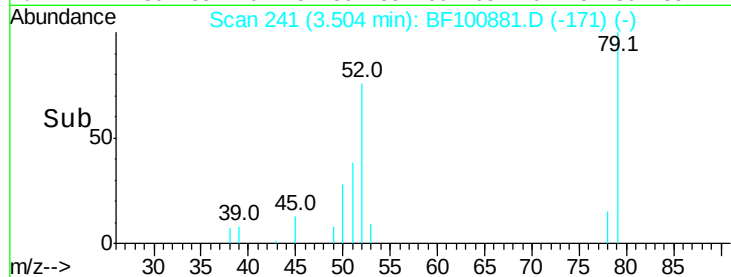
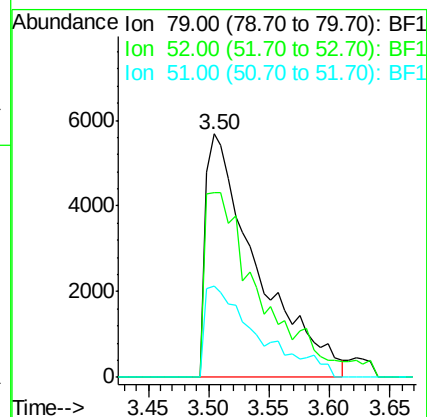
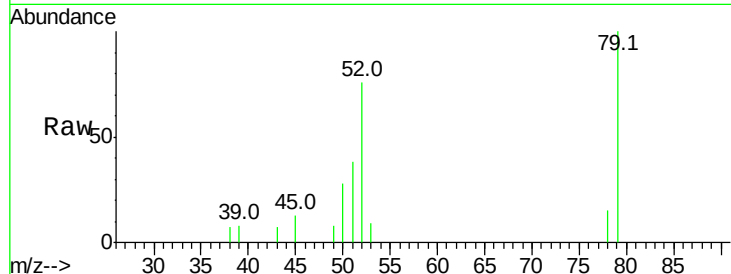
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.0	59.8	89.6
51	37.6	29.8	44.8

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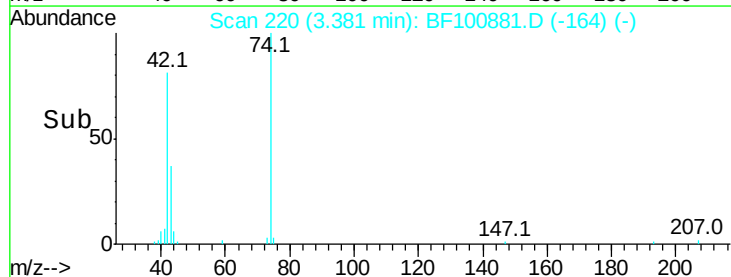
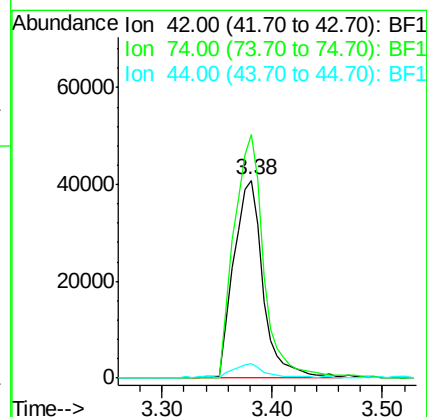
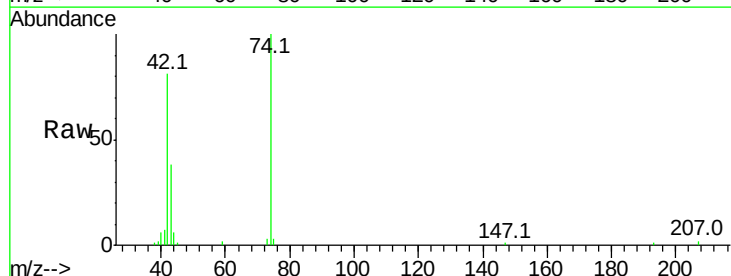
Sohil

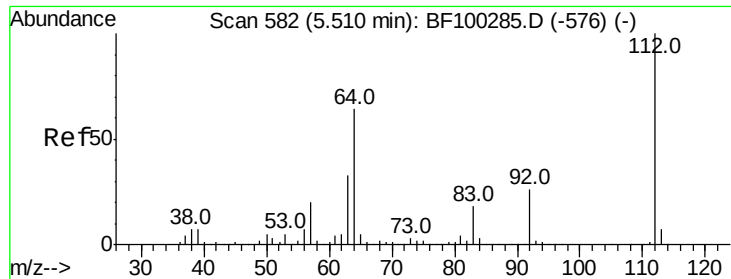
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#4
 n-Nitrosodimethylamine
 Concen: 29.150 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.03 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.0	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 96.812 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampled :

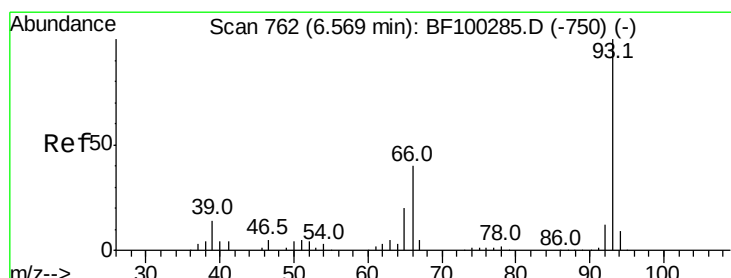
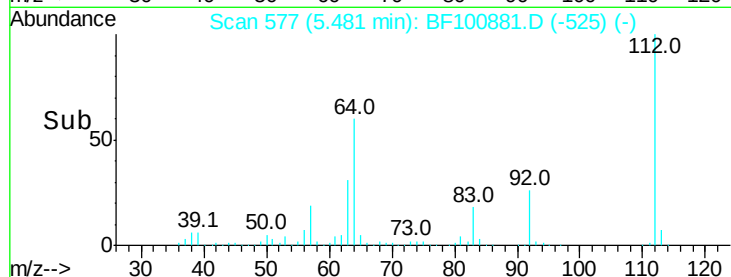
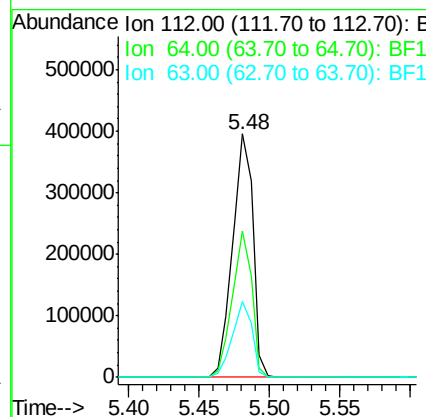
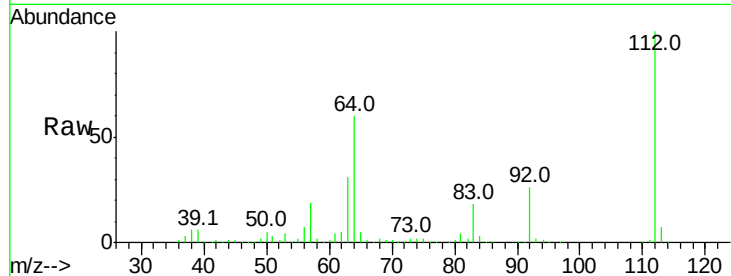
PB104481BS

Tot Ion:	112	Resp:	396443
Ion Ratio	Lower	Upper	
112	100		
64	60.2	47.9	71.9
63	31.0	23.7	35.5

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#6

Aniline

Concen: 18.473 ng

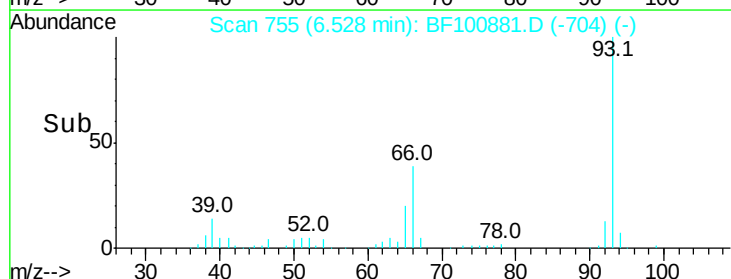
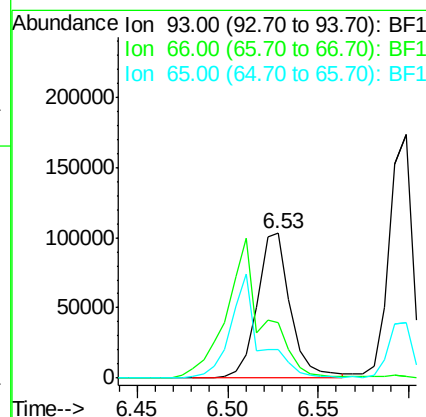
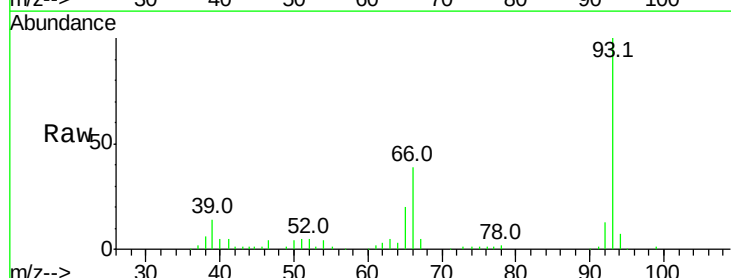
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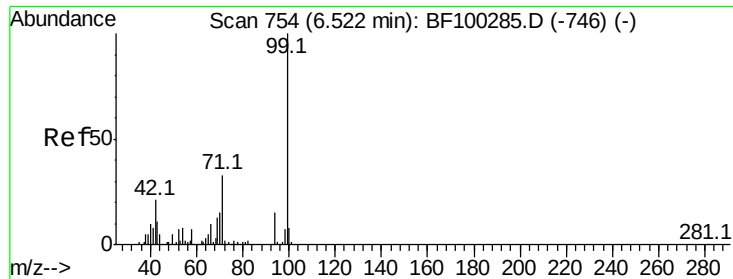
Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	93	Resp:	131784
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 96.222 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampled :

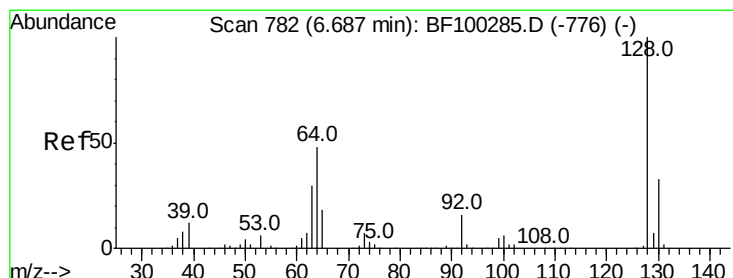
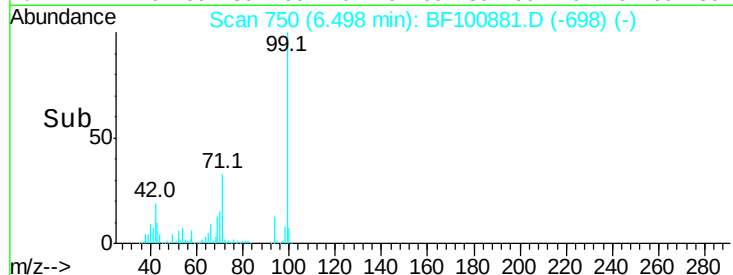
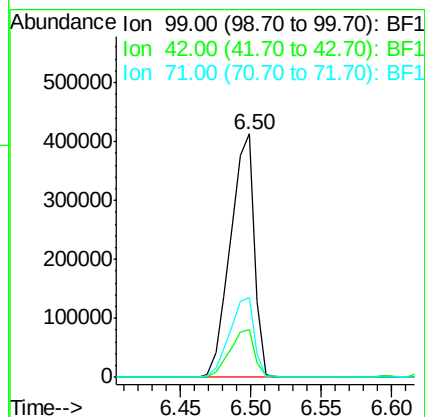
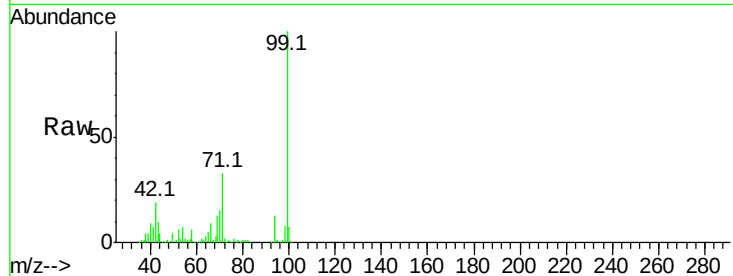
PB104481BS

Tot Ion:	99	Resp:	485889
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	33.0	25.4	38.0

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#8

2-Chlorophenol

Concen: 38.736 ng

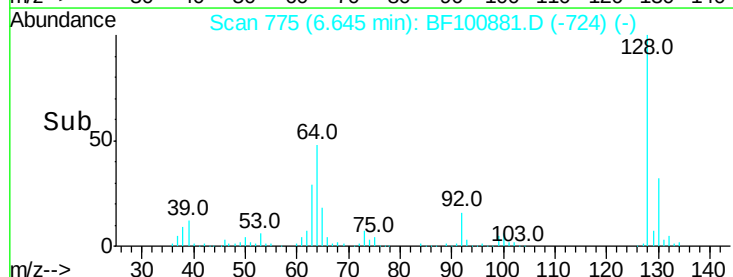
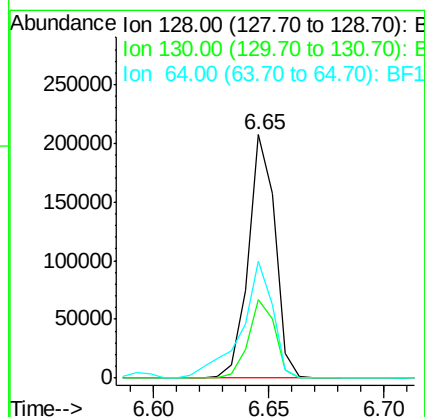
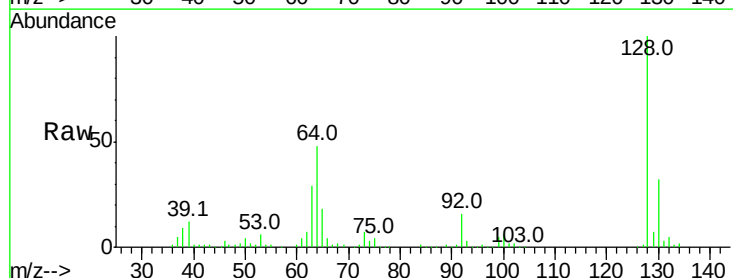
RT: 6.65 min Scan# 775

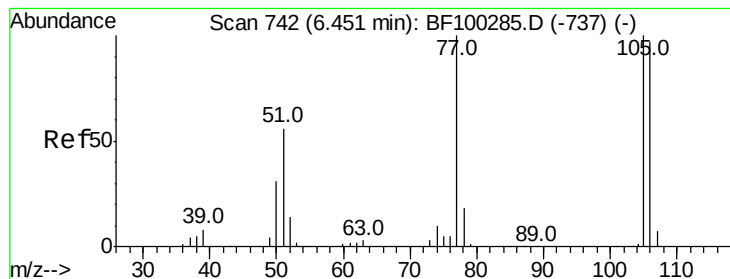
Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	128	Resp:	167810
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	48.1	29.4	69.4





#9

Benzaldehyde

Concen: 12.918 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104481BS

Tot Ion: 77 Resp: 46584

Ion Ratio Lower Upper

77 100

105 107.8 81.1 121.1

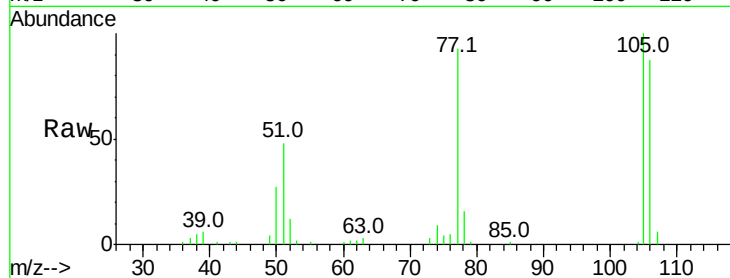
106 93.7 74.5 114.5

Manual Integrations

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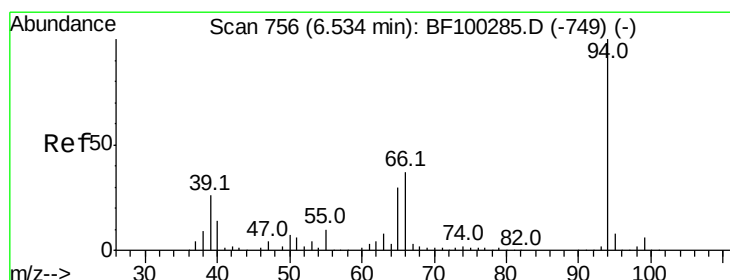
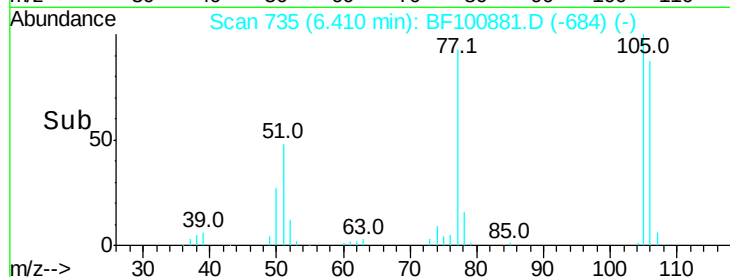
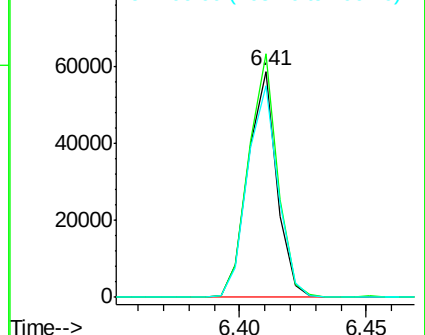
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.783 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF100881.D

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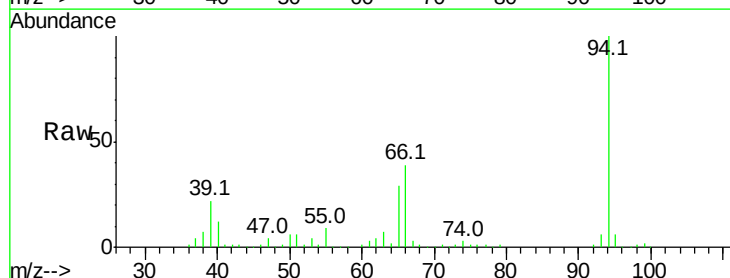
Tgt Ion: 94 Resp: 200288

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

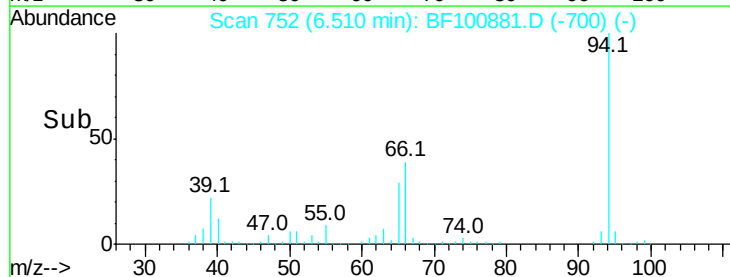
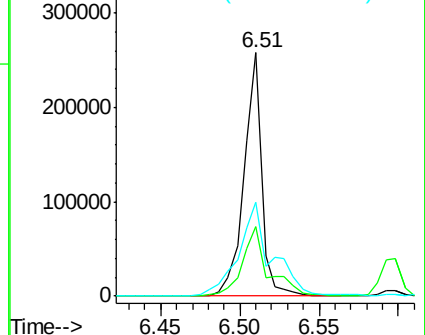
66 38.5 16.2 56.2

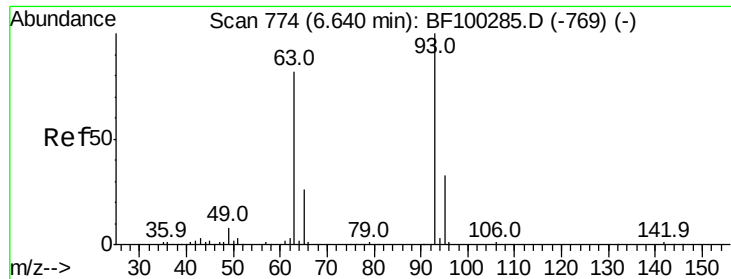


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11
bis(2-Chloroethyl)ether
Concen: 34.156 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

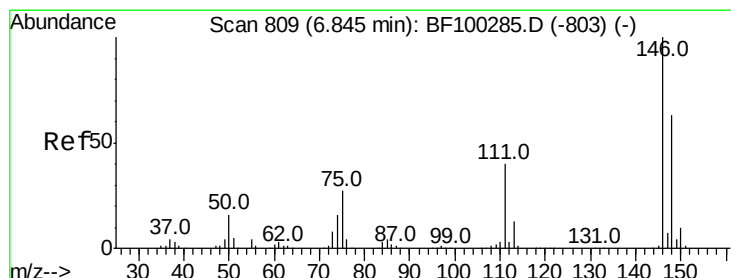
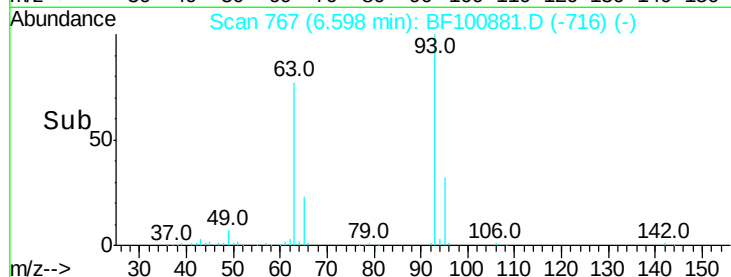
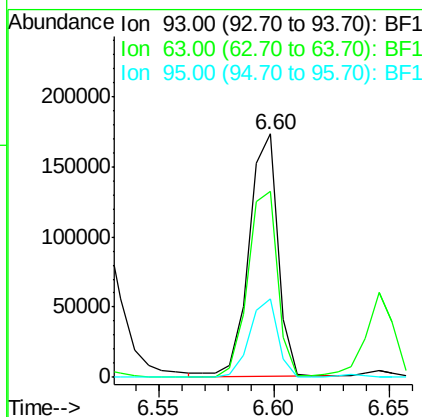
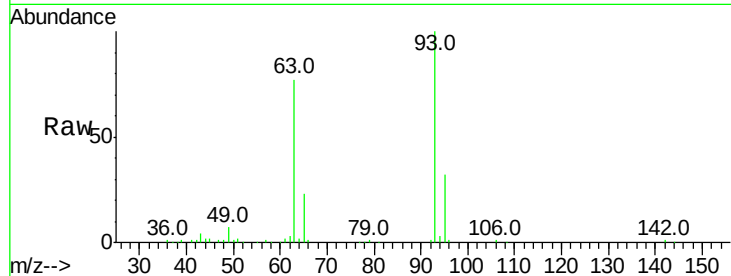
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion:	93	Resp:	152086
Ion Ratio	Lower	Upper	
93	100		
63	76.6	58.6	98.6
95	32.0	11.8	51.8

Manual Integrations
APPROVED

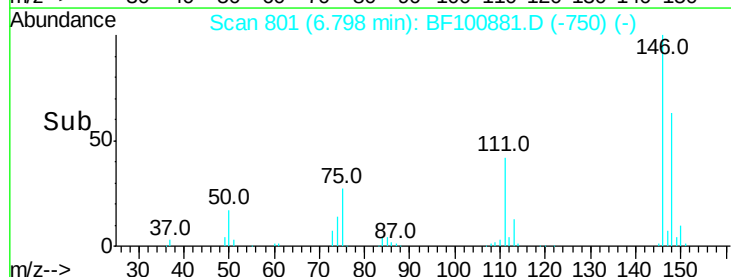
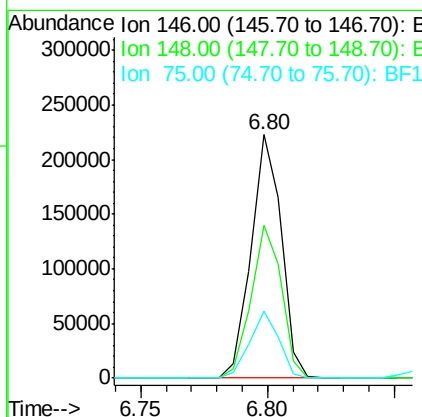
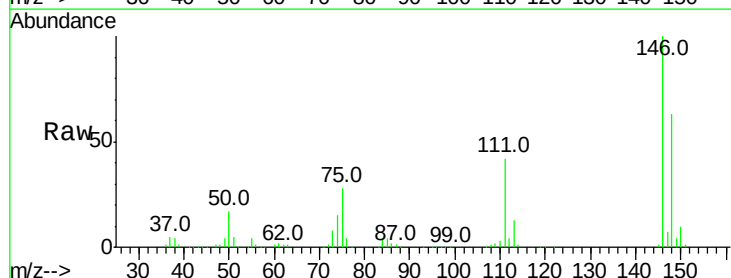
Sohil

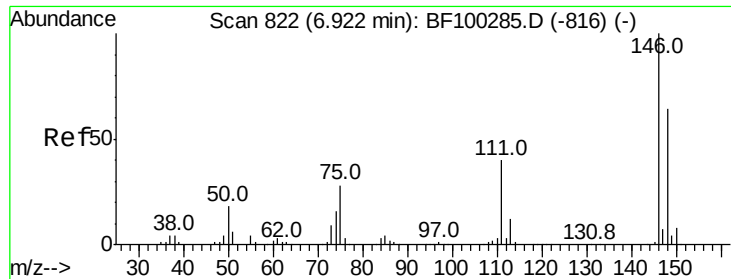
11/28/2017 2:44:41 PM



#12
1,3-Dichlorobenzene
Concen: 37.043 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion:	146	Resp:	185016
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	27.7	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 37.610 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

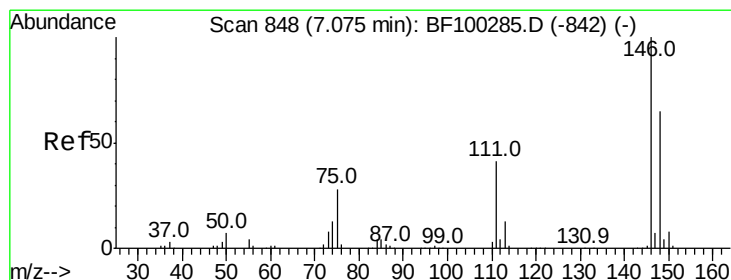
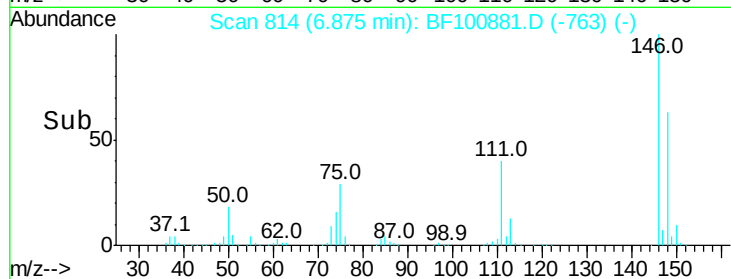
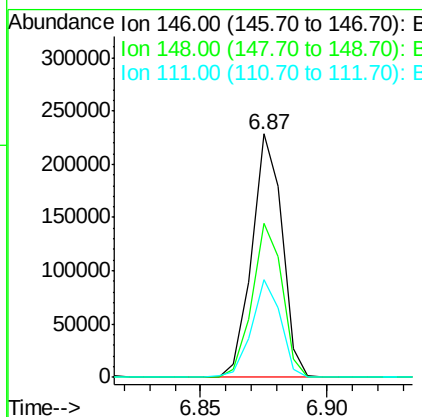
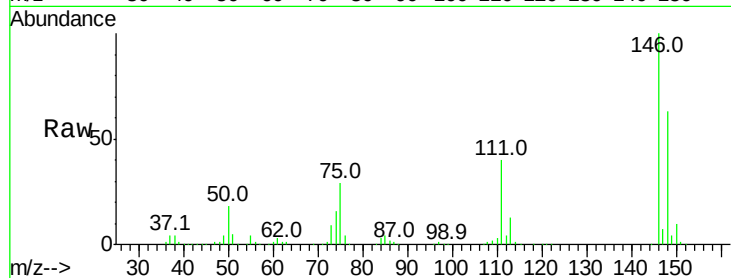
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	40.3	34.2	51.2

Manual Integrations
 APPROVED

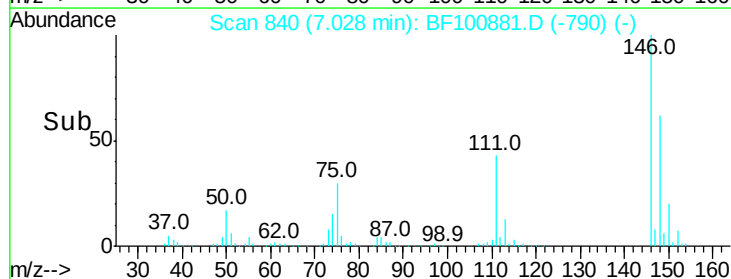
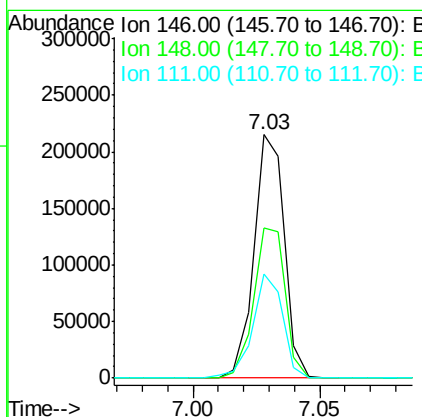
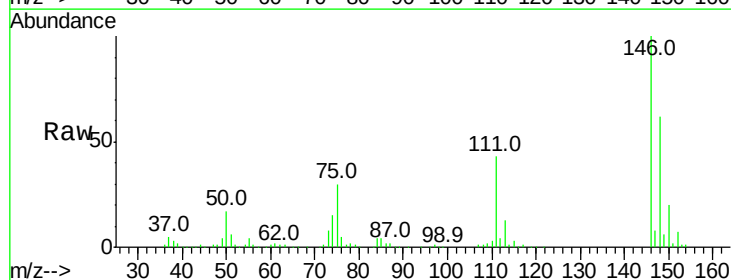
Sohil

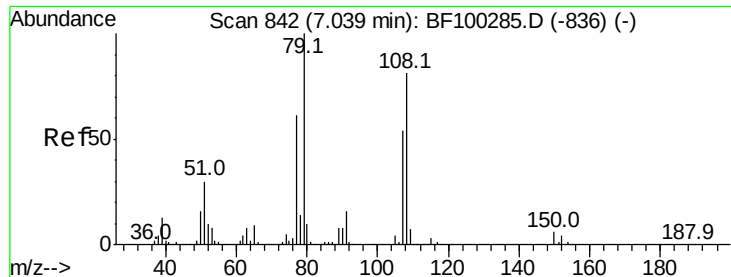
11/28/2017 2:44:41 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.304 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.6	75.8
111	42.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.495 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104481BS

Tot Ion: 79 Resp: 143827

Ion Ratio Lower Upper

79 100

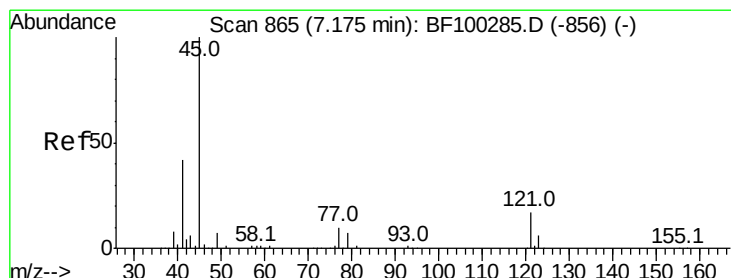
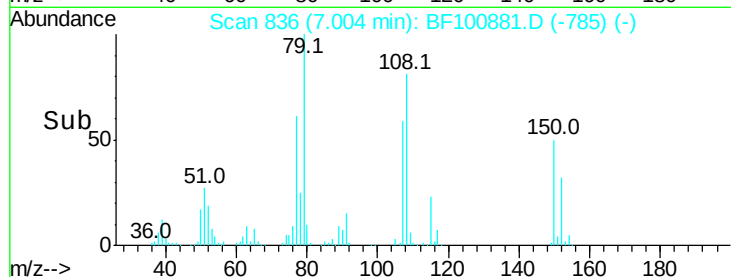
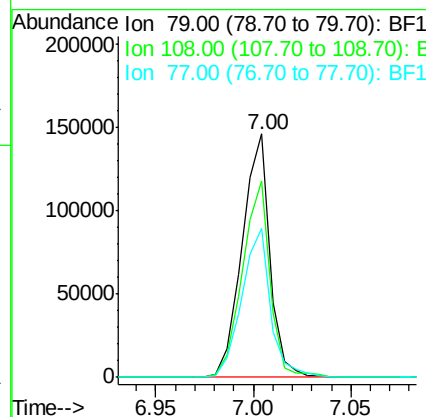
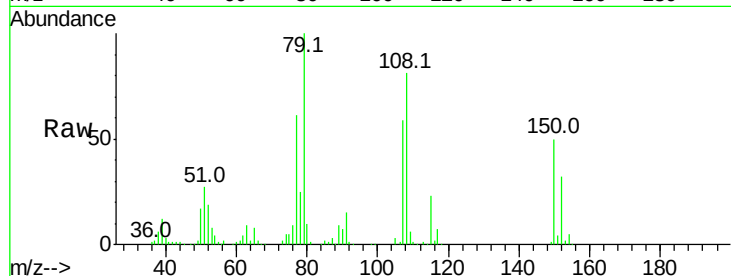
108 80.8 65.1 97.7

77 61.0 50.6 75.8

Manual Integrations
APPROVED

Sohil

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.457 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

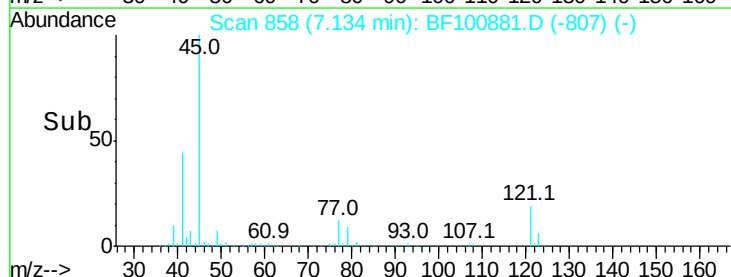
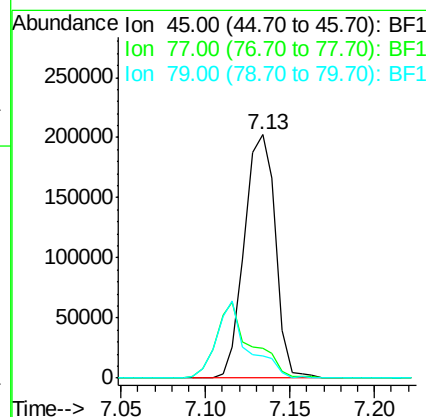
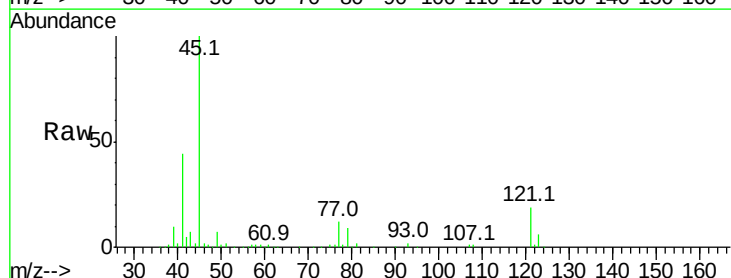
Tgt Ion: 45 Resp: 259632

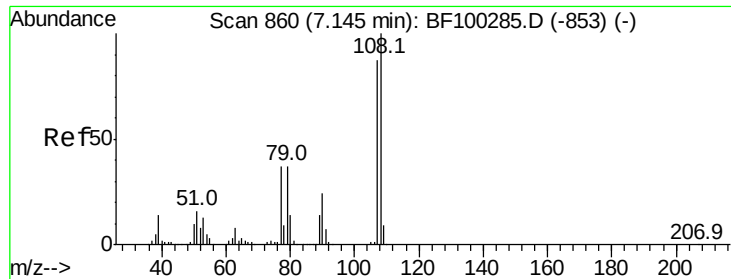
Ion Ratio Lower Upper

45 100

77 12.1 0.0 32.9

79 9.2 0.0 29.6





#17

2-Methylphenol

Concen: 37.708 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleID :

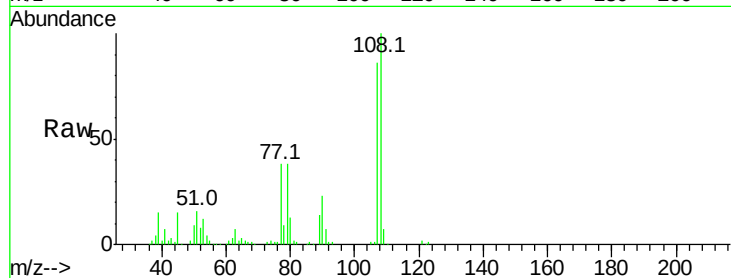
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	91.7	137.5	
77	43.9	33.8	50.8	
79	44.4	33.8	50.8	

Manual Integrations
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Sohil

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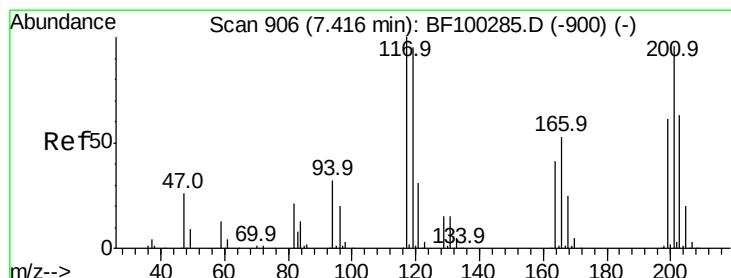
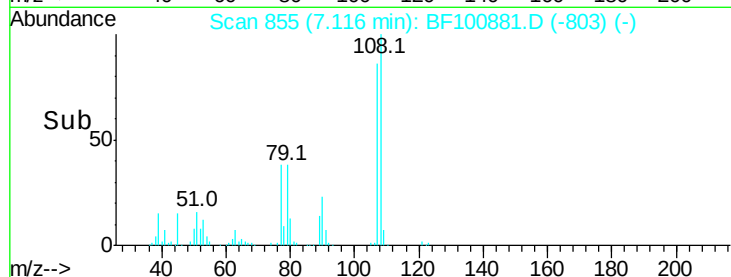
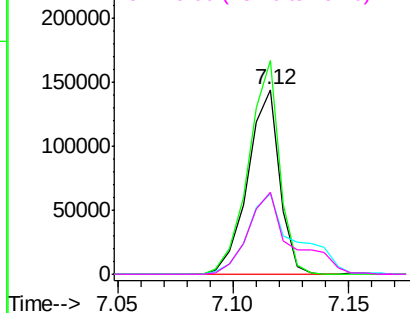
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.741 ng

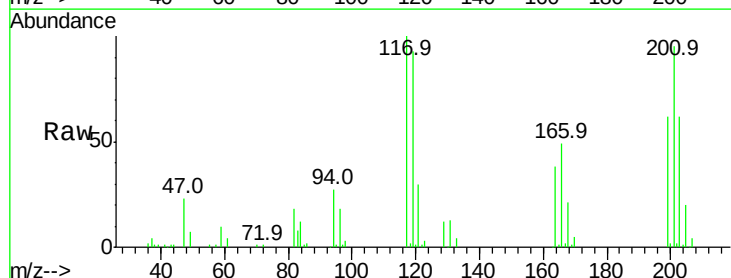
RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	75.8	113.8	
201	95.1	75.7	113.5	

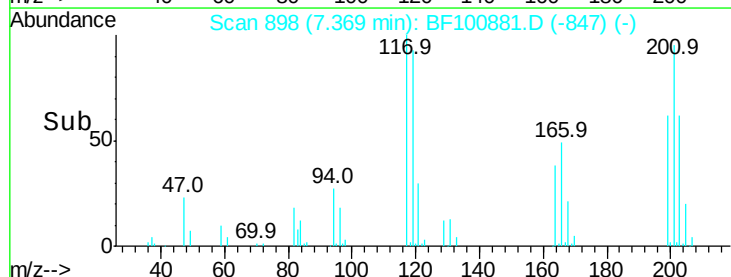
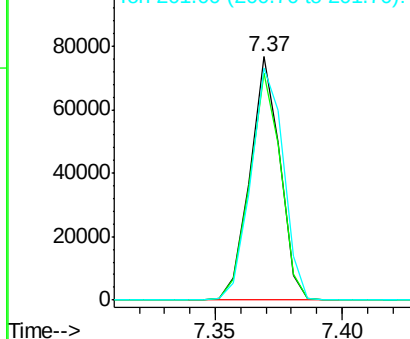


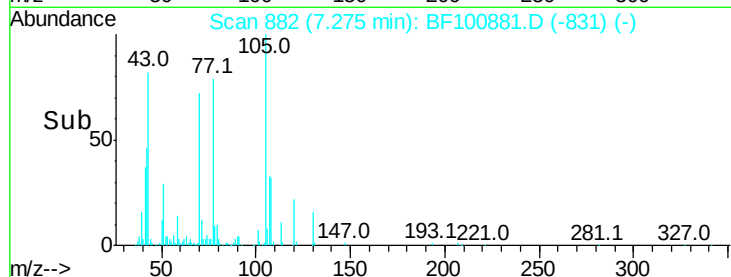
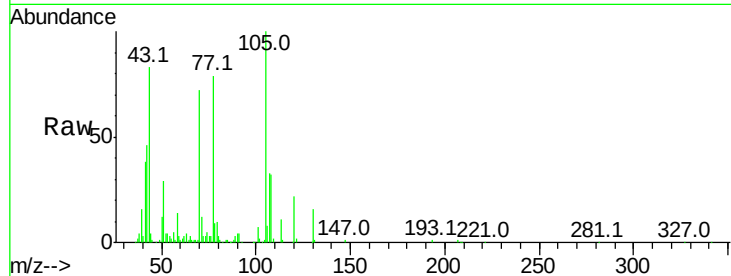
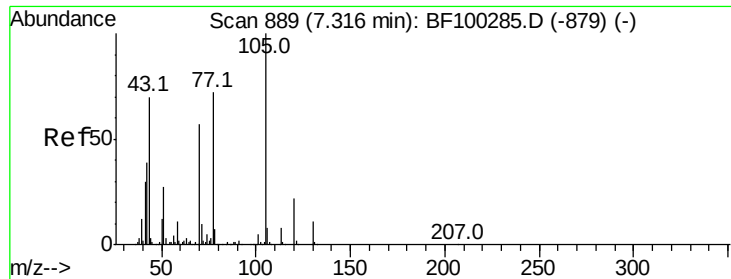
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 32.927 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

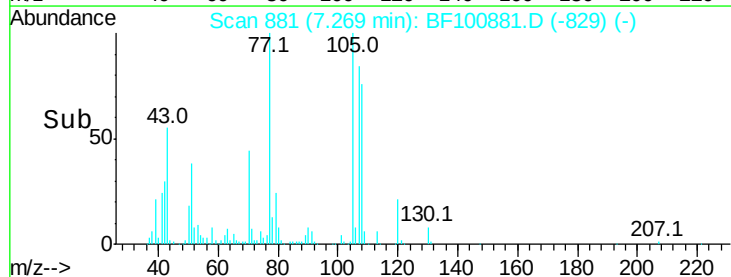
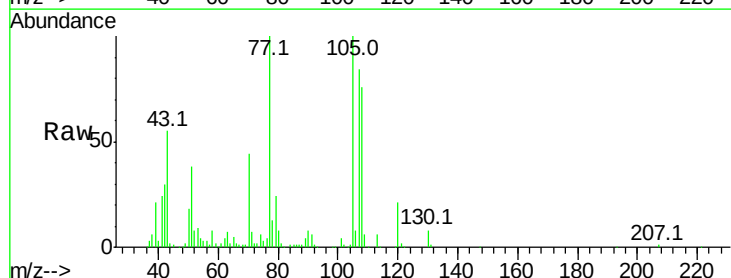
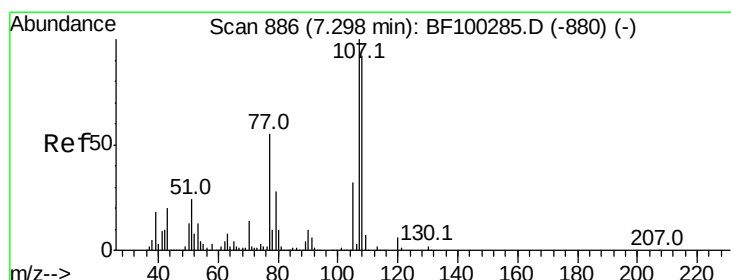
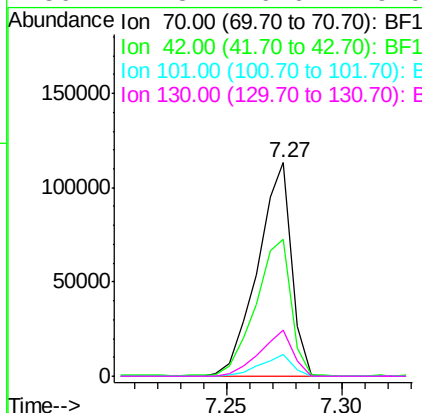
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.5	71.3
101	10.2	7.4	11.2
130	21.8	16.6	25.0

Manual Integrations
APPROVED

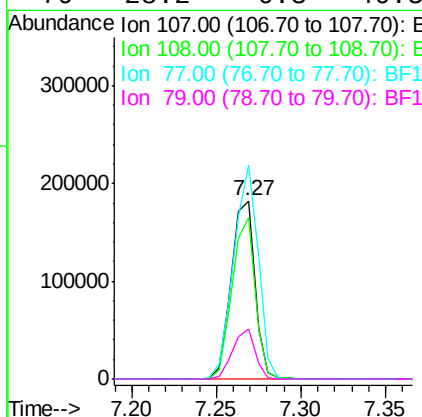
Sohil

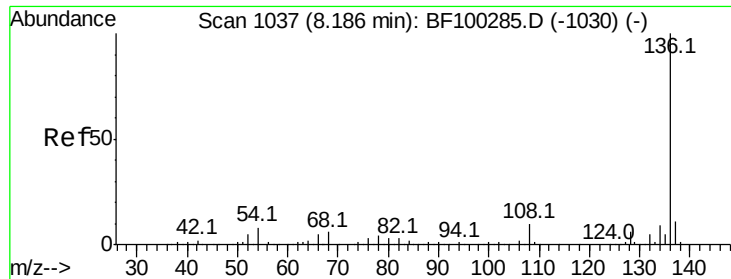
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#20
3+4-Methylphenols
Concen: 38.014 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	119.7	26.7	66.7#
79	28.2	6.3	46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

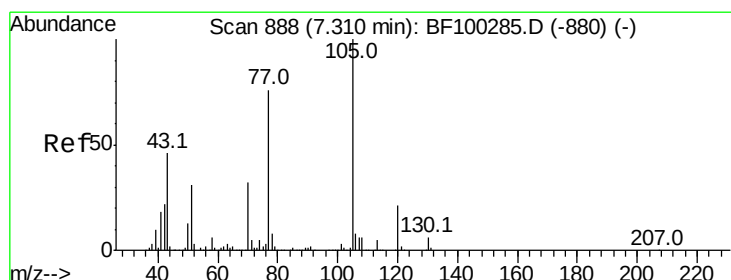
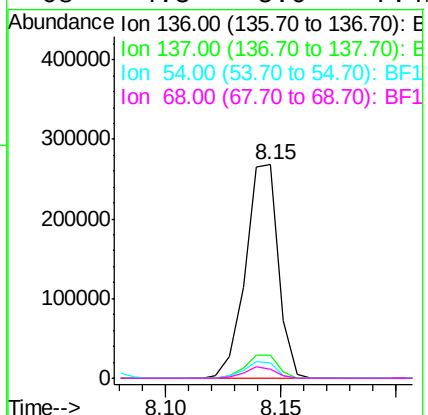
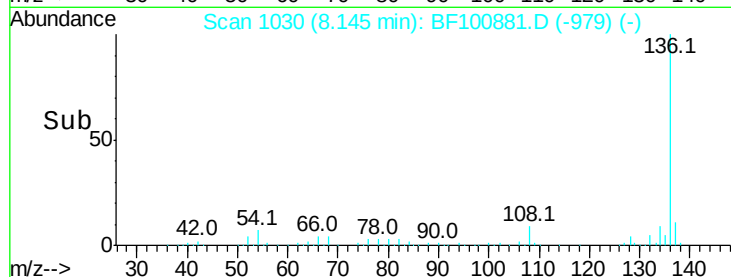
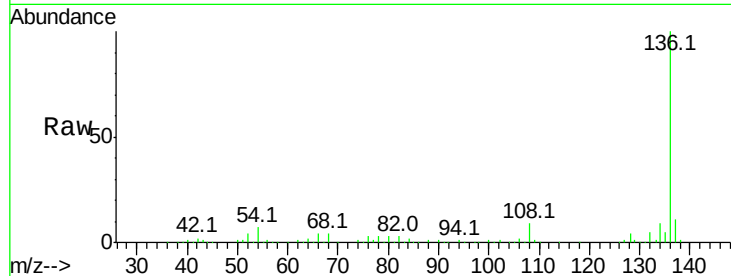
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		266919		
137	10.5		8.9	13.3	
54	6.9		6.6	9.8	
68	4.3		5.0	7.4	

Manual Integrations
APPROVED

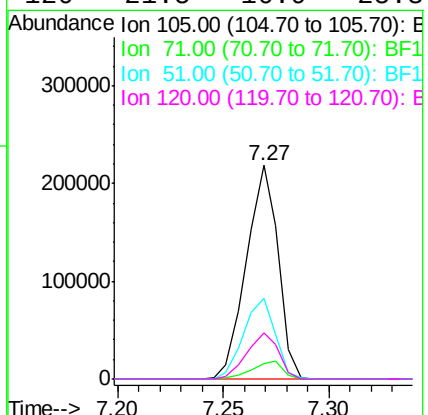
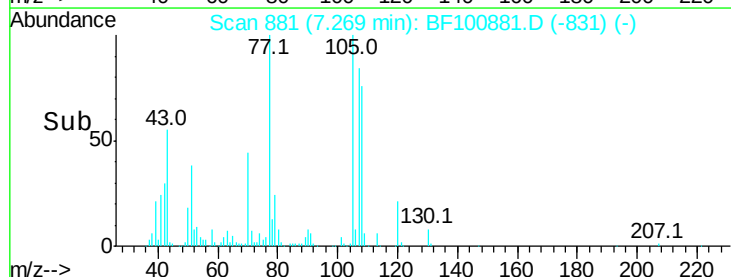
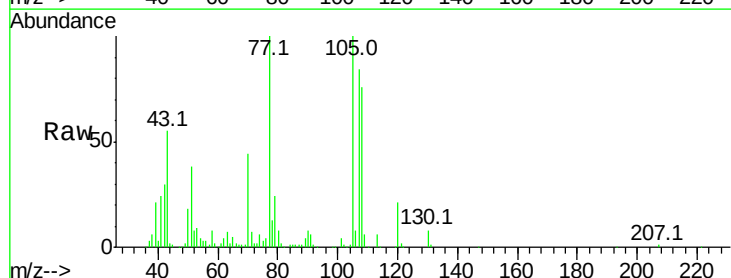
Sohil

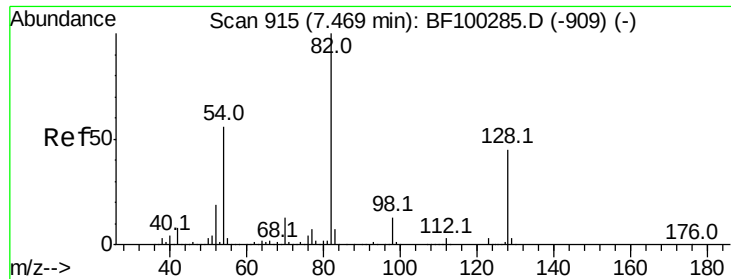
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#22
Acetophenone
Concen: 34.964 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		227572		
71	7.2		4.4	6.6	
51	37.7		22.3	33.5	
120	21.5		16.9	25.3	





#23
 Nitrobenzene-d5
 Concen: 76.848 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

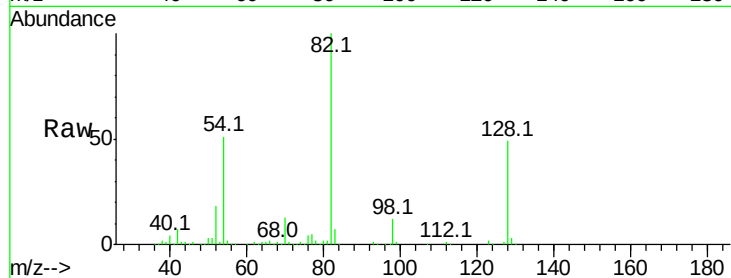
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion:	82	Resp:	310256
Ion Ratio	Lower	Upper	
82	100		
128	48.7	36.1	54.1
54	51.1	41.4	62.2

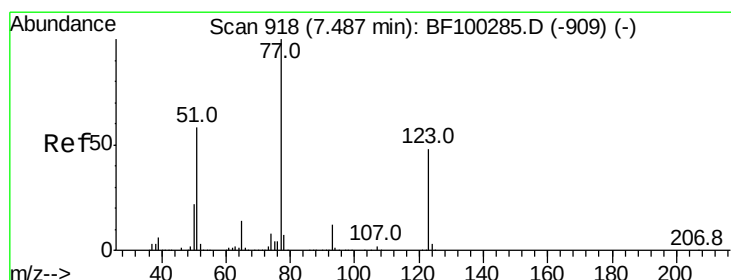
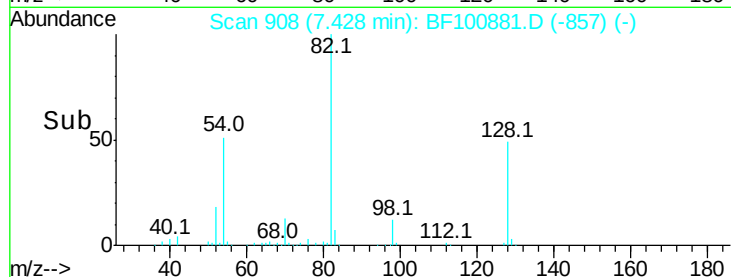
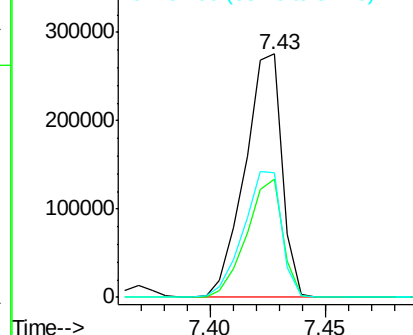
Manual Integrations
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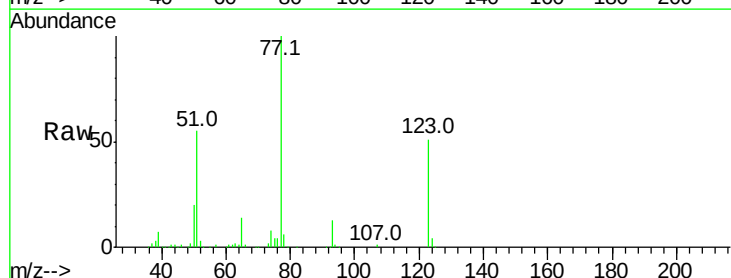


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

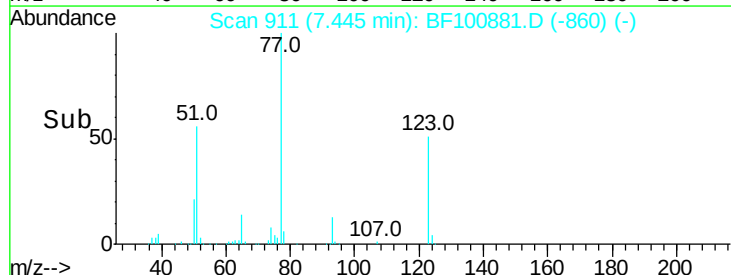
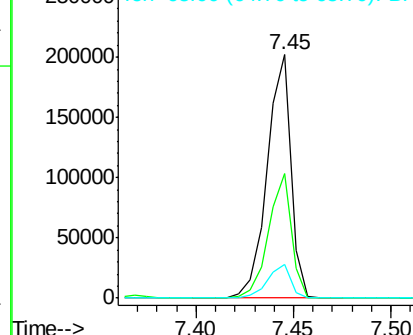


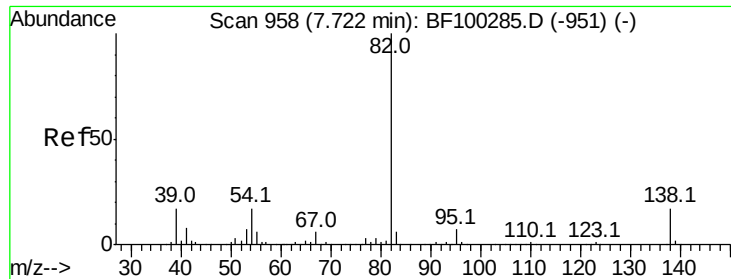
#24
 Nitrobenzene
 Concen: 41.164 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion:	77	Resp:	171051
Ion Ratio	Lower	Upper	
77	100		
123	50.9	37.9	56.9
65	13.7	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: 37.183 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104481BS

Tot Ion: 82 Resp: 315463

Ion Ratio Lower Upper

82 100

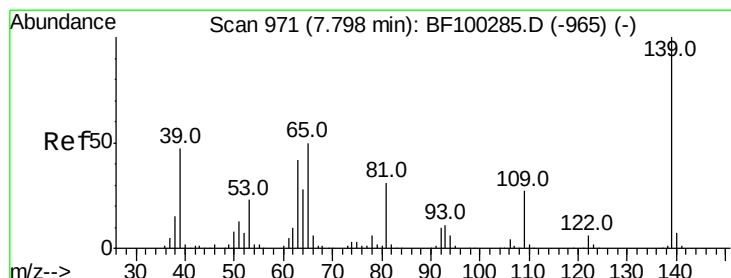
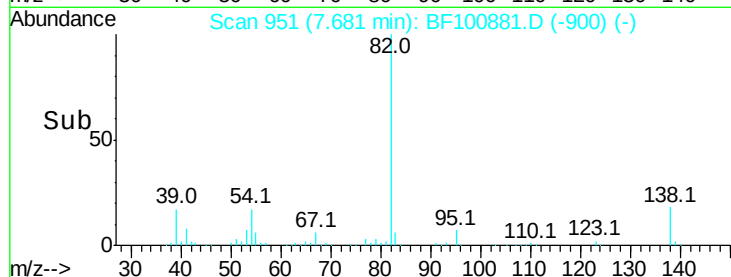
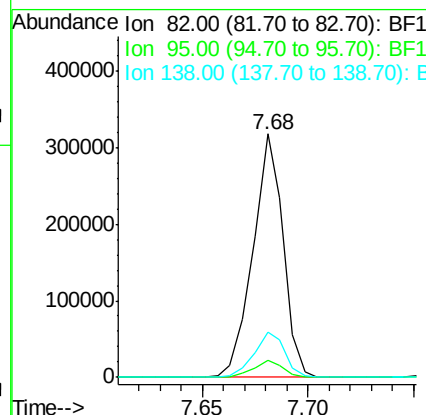
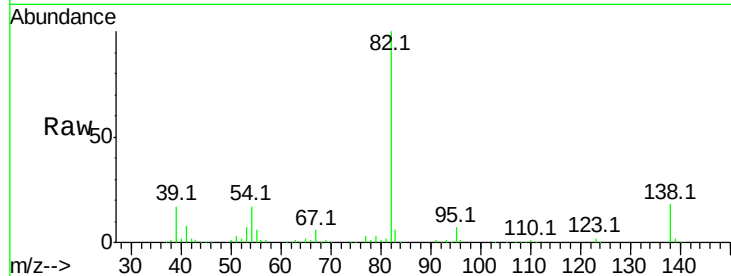
95 7.0 5.2 7.8

138 18.3 14.9 22.3

Manual Integrations
APPROVED

Sohil

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#26

2-Nitrophenol

Concen: 48.141 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

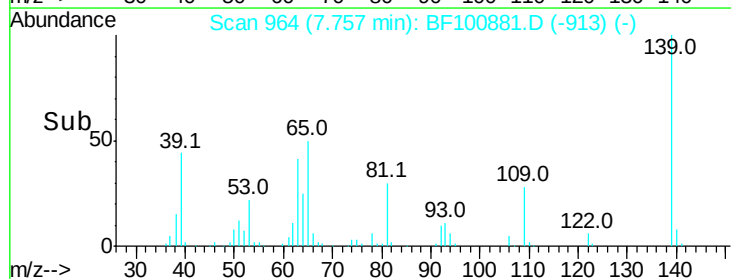
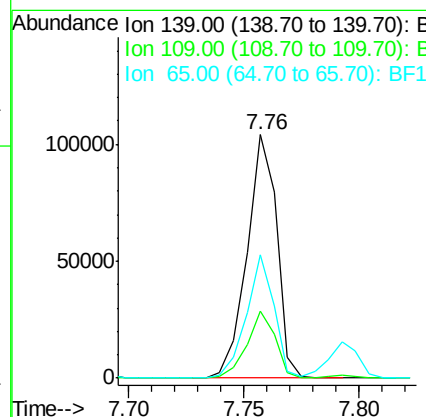
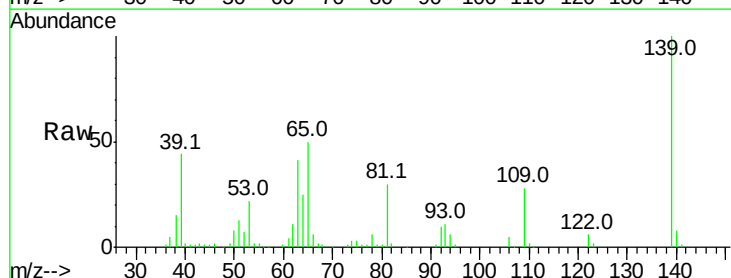
Tgt Ion: 139 Resp: 93827

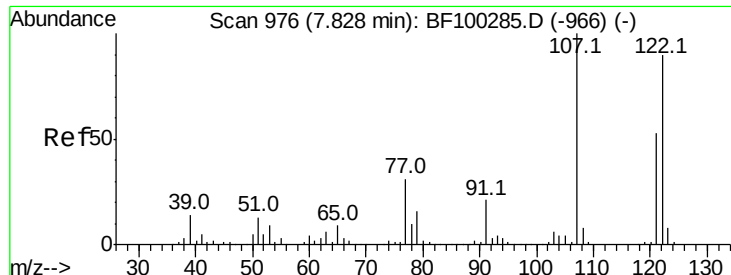
Ion Ratio Lower Upper

139 100

109 27.6 22.7 34.1

65 50.4 40.5 60.7





#27
2,4-Dimethylphenol
Concen: 40.273 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

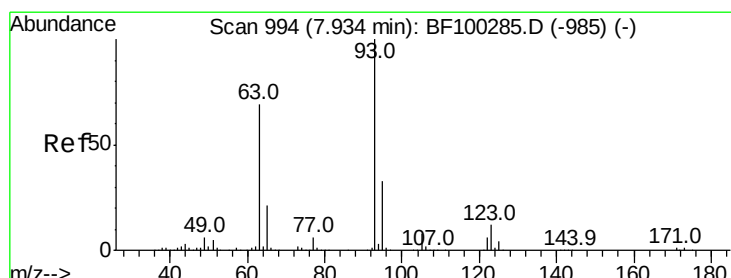
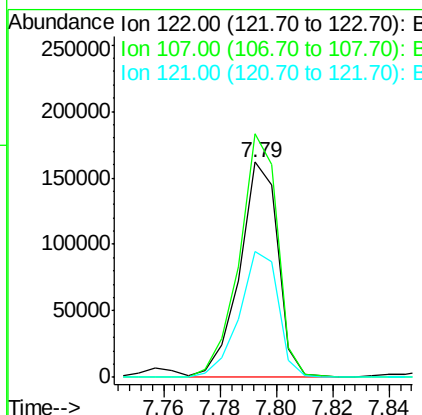
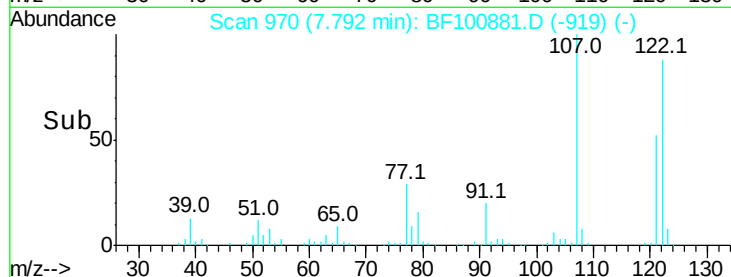
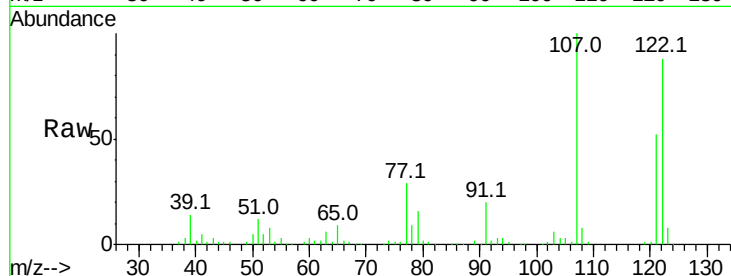
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion:	122	Resp:	153166
Ion Ratio	Lower	Upper	
122	100		
107	113.0	91.2	136.8
121	58.5	47.2	70.8

Manual Integrations
APPROVED

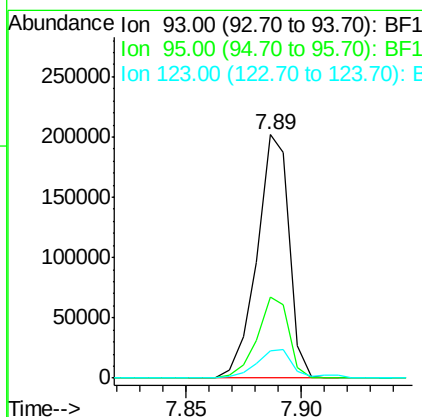
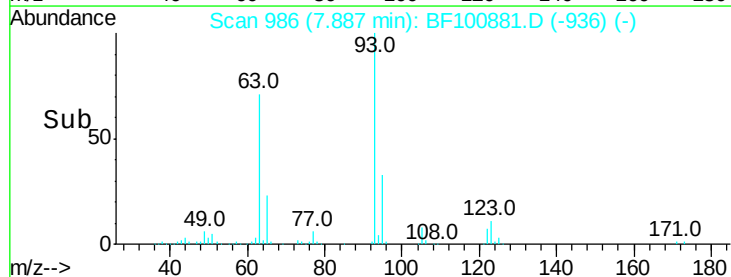
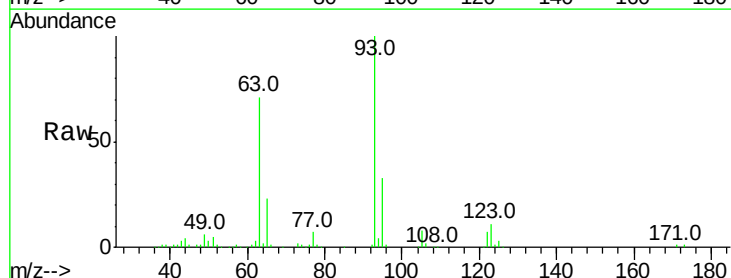
Sohil

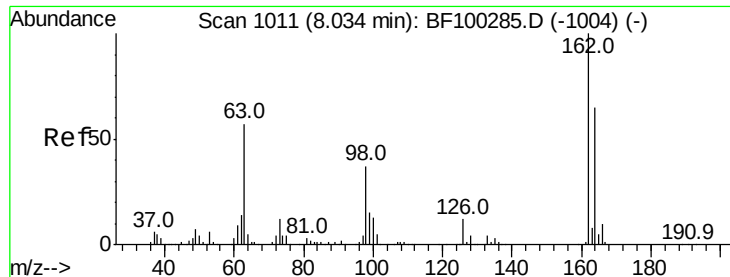
11/28/2017 2:44:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.303 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion:	93	Resp:	195915
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.3	39.5
123	11.3	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 42.272 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

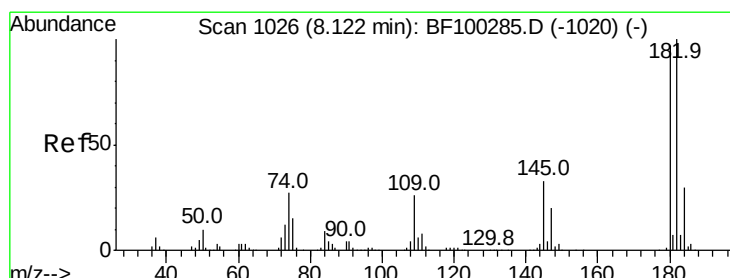
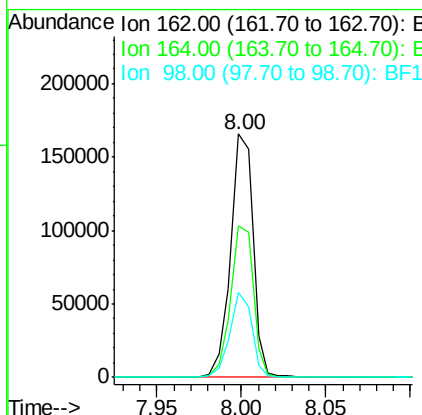
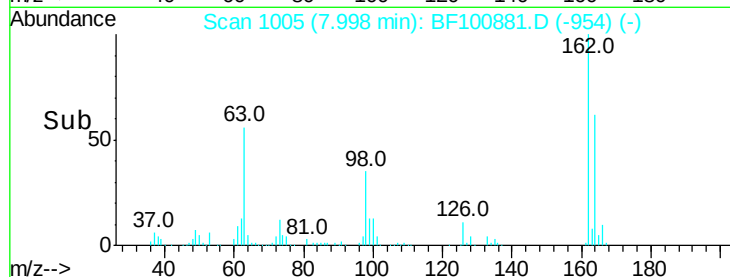
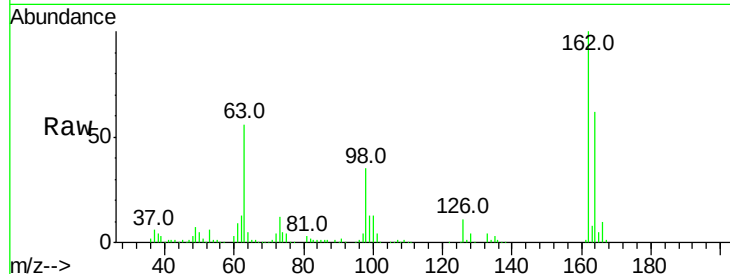
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	153480		
164	62.4		42.7	82.7
98	34.9		18.1	58.1

Manual Integrations
APPROVED

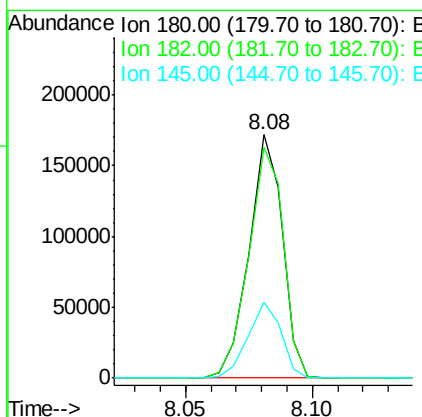
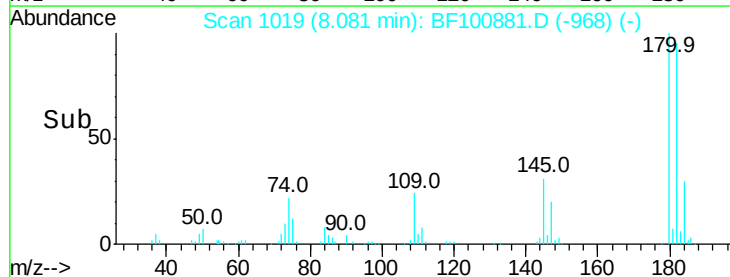
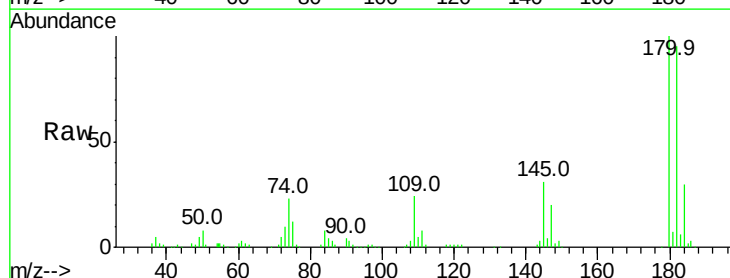
Sohil

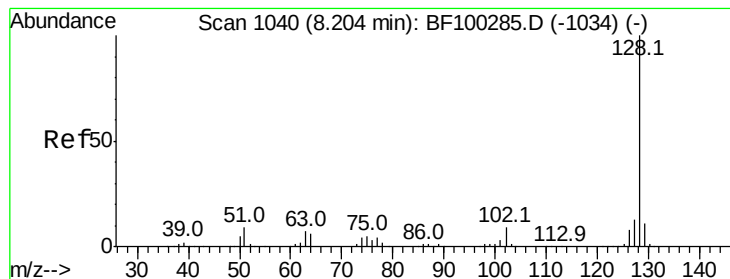
11/28/2017 2:44:41 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.359 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158506		
182	94.9		76.8	115.2
145	31.4		26.5	39.7





#31

Naphthalene

Concen: 38.339 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

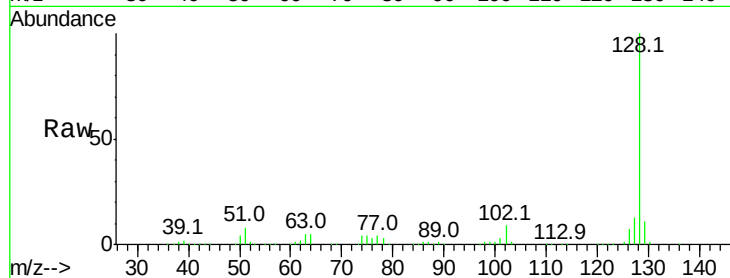
PB104481BS

Tot Ion:	128	Resp:	492891
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3

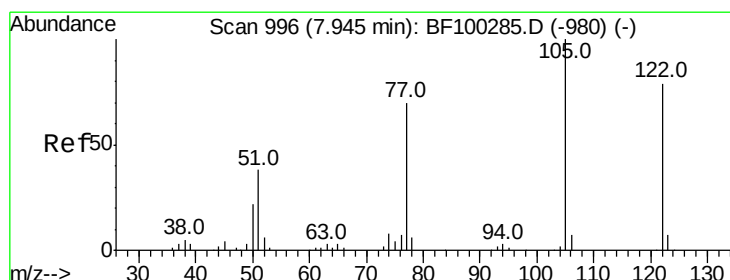
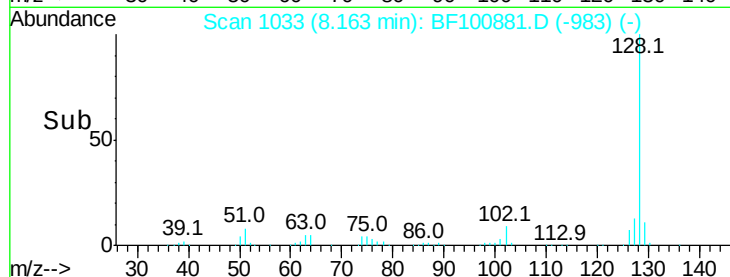
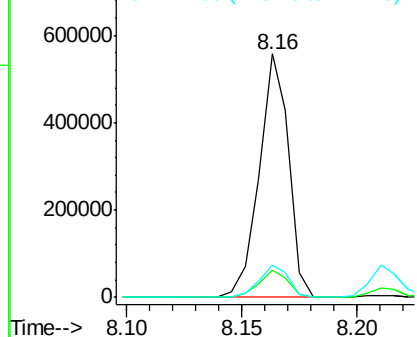
Manual Integrations
APPROVED

Sohil

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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



#32

Benzoic acid

Concen: 28.911 ng

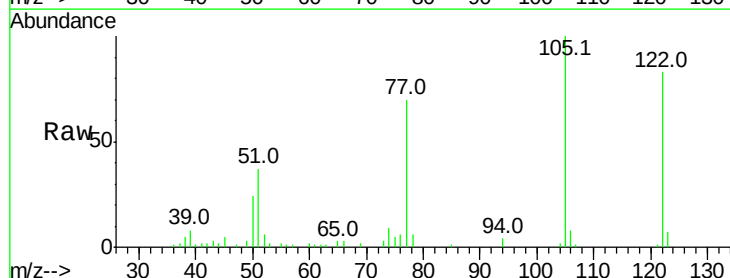
RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

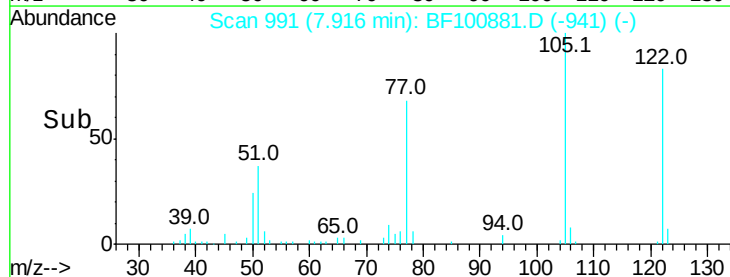
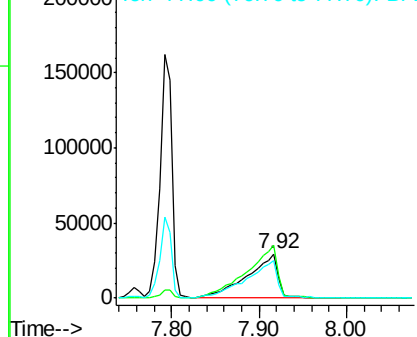
Lab File: BF100881.D

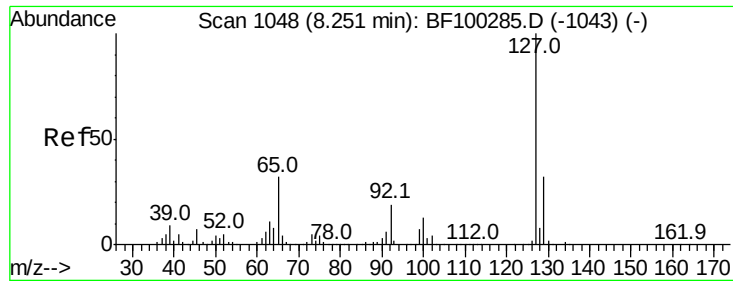
Acq: 27 Nov 2017 10:24

Tgt Ion:	122	Resp:	70715
Ion Ratio	Lower	Upper	
122	100		
105	120.7	101.1	141.1
77	84.0	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: 14.308 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

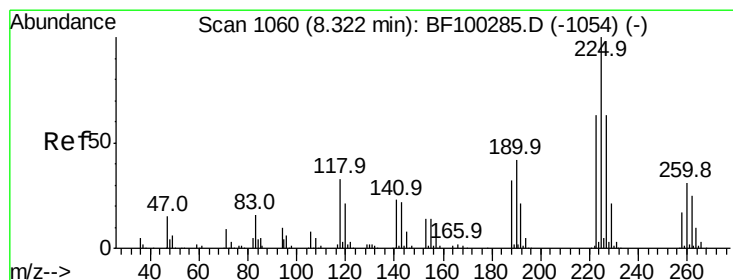
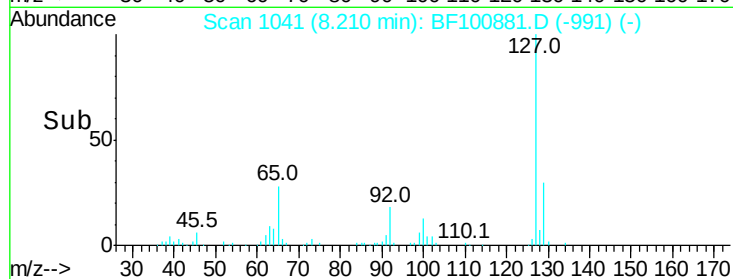
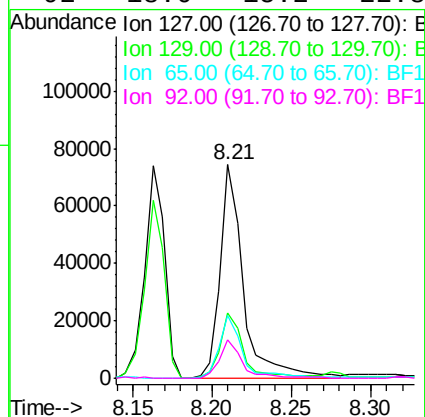
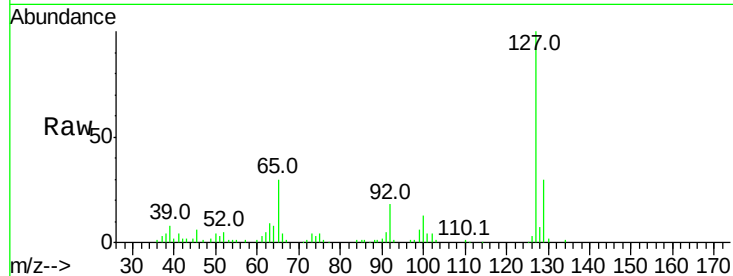
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.3	25.9	38.9
65	29.6	25.0	37.4
92	18.0	15.2	22.8

Manual Integrations
APPROVED

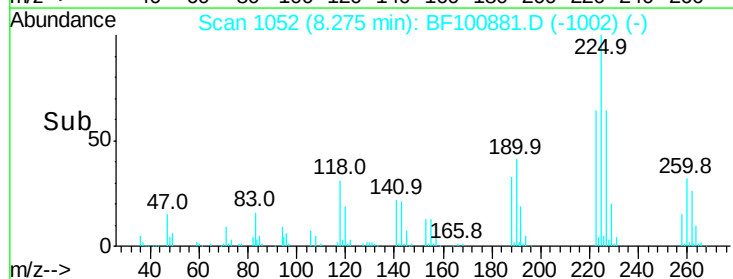
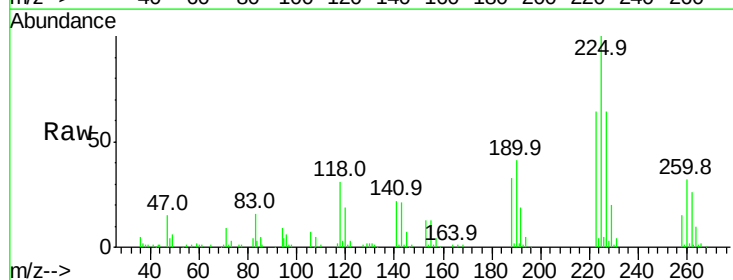
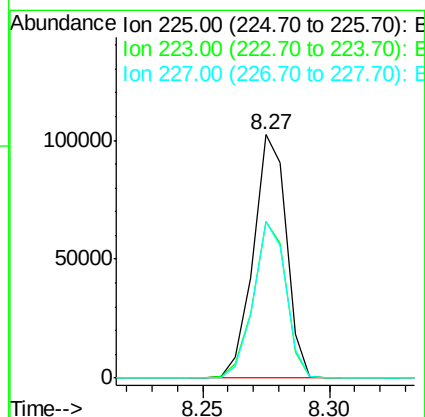
Sohil

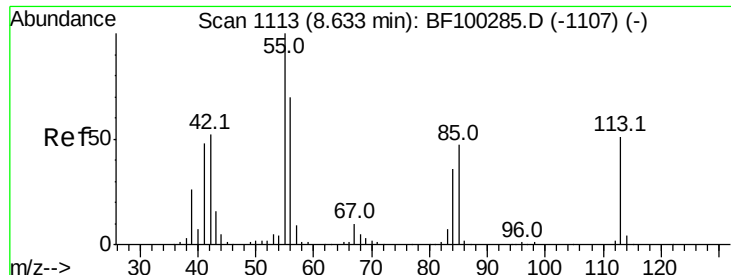
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#34
Hexachlorobutadiene
Concen: 39.962 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.2	51.9	77.9





#35
Caprolactam
Concen: 35.941 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

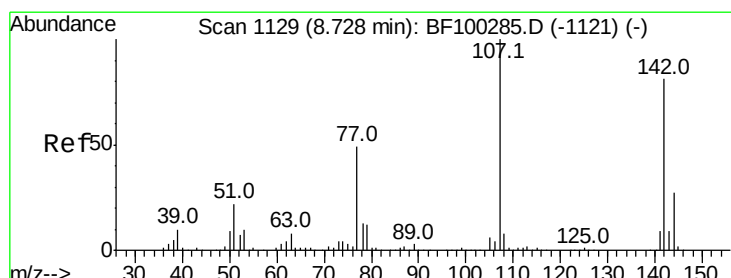
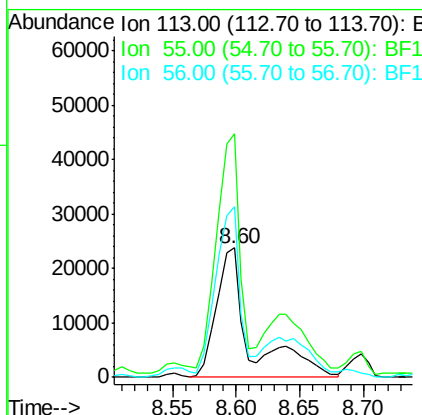
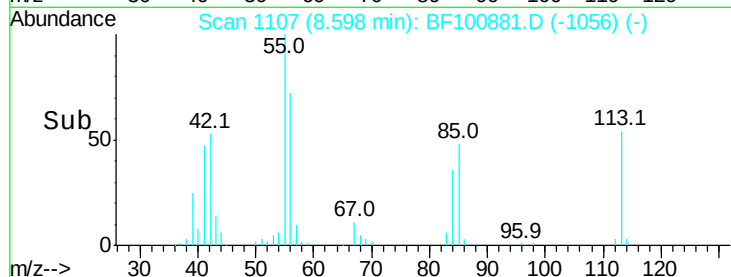
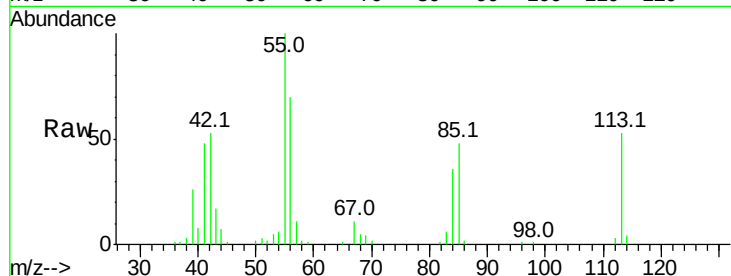
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion:113 Resp: 44782
Ion Ratio Lower Upper
113 100
55 187.9 163.3 203.3
56 131.8 115.7 155.7

Manual Integrations
APPROVED

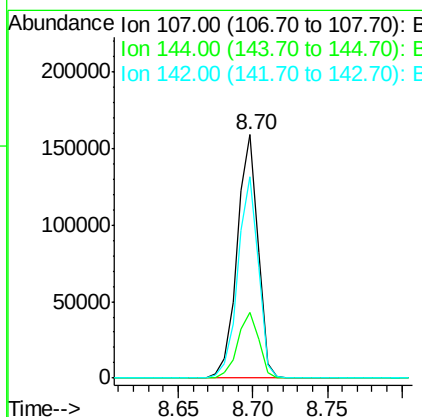
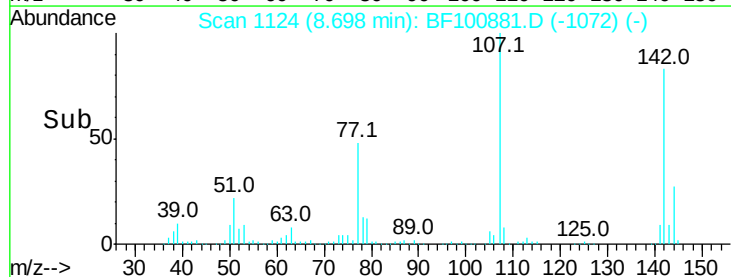
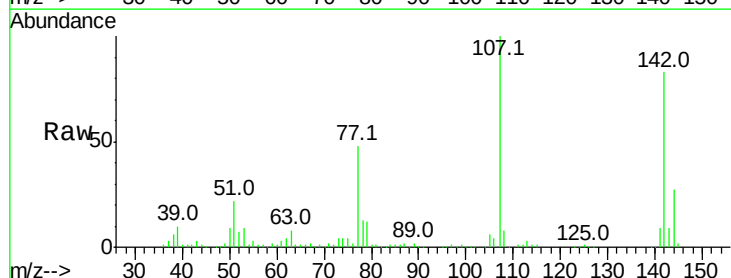
Sohil

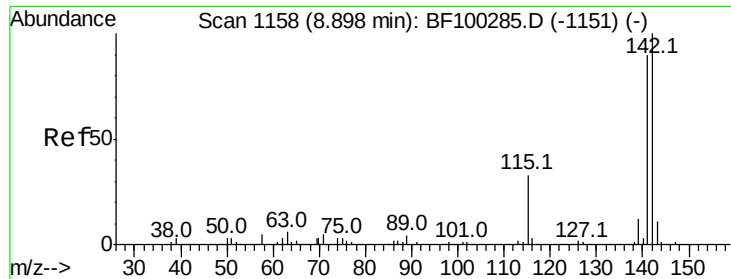
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#36
4-Chloro-3-methylphenol
Concen: 40.021 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion:107 Resp: 156058
Ion Ratio Lower Upper
107 100
144 26.8 20.5 30.7
142 82.7 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.865 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

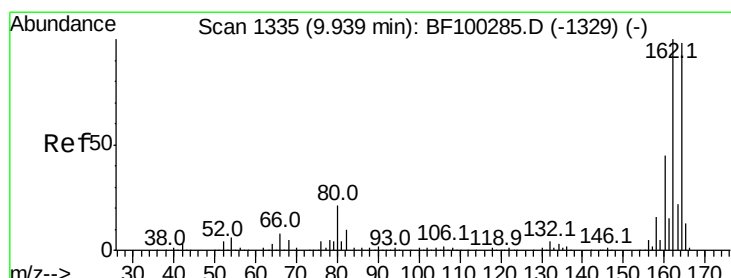
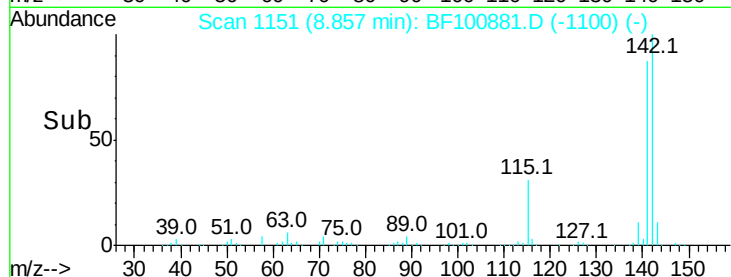
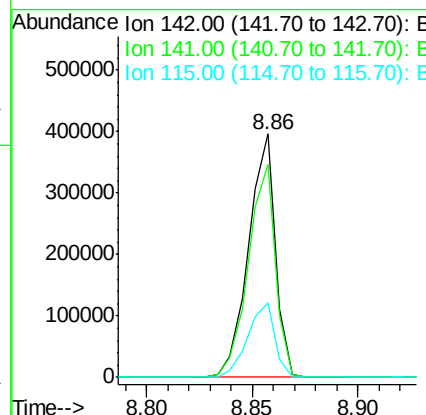
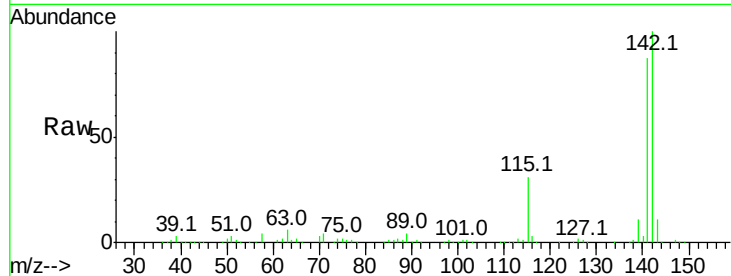
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	30.8	26.1	39.1

Manual Integrations
APPROVED

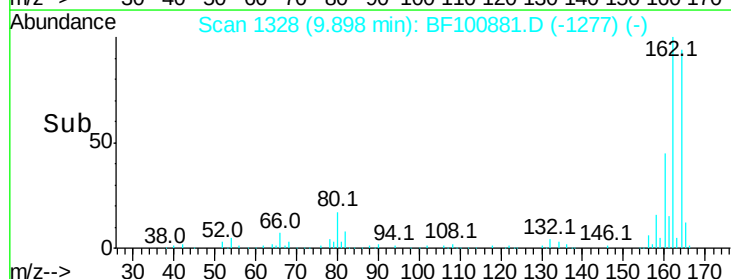
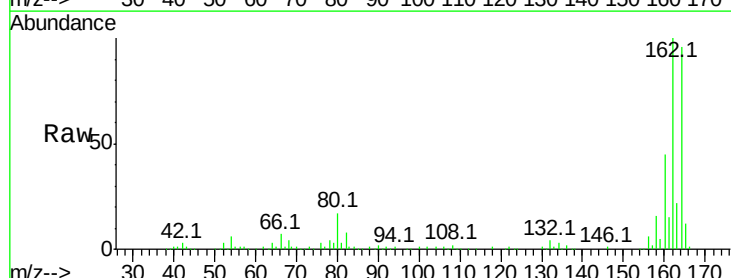
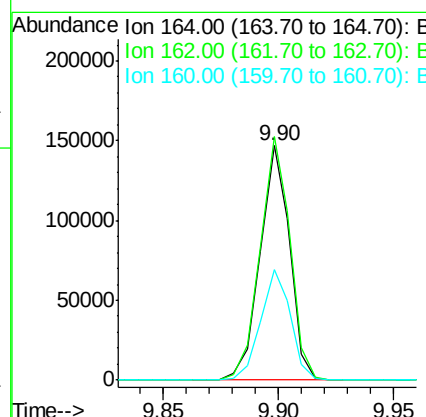
Sohil

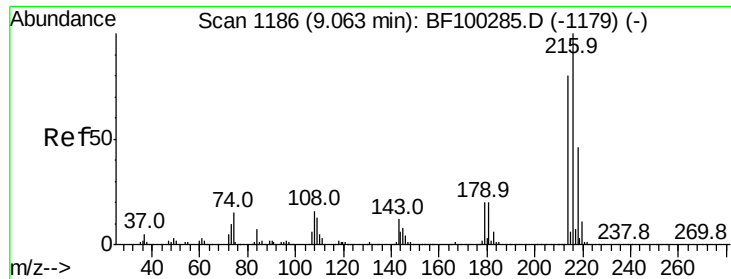
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.2	38.3	57.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.403 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

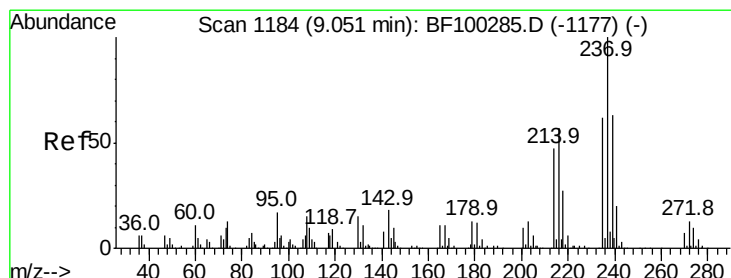
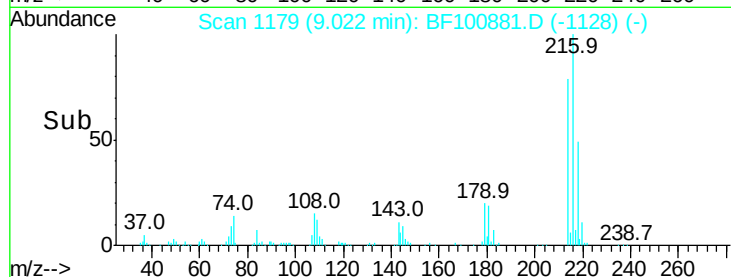
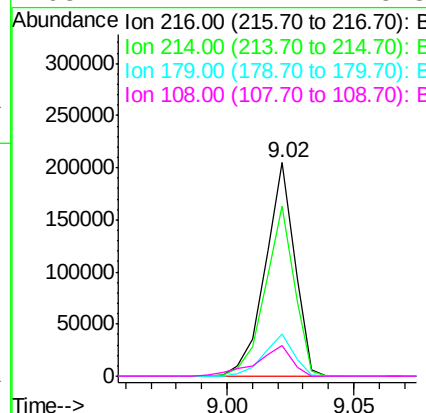
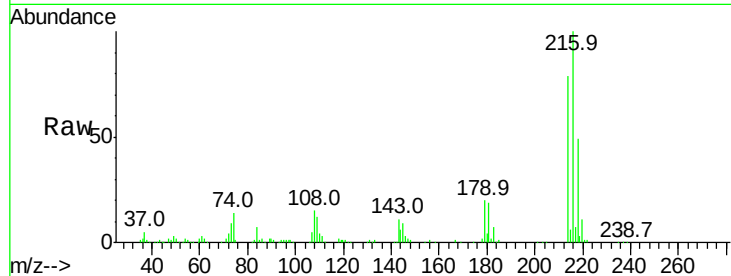
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	166256		
214	79.0	63.0	94.4	
179	20.2	18.1	27.1	
108	17.7	17.2	25.8	

Manual Integrations
 APPROVED

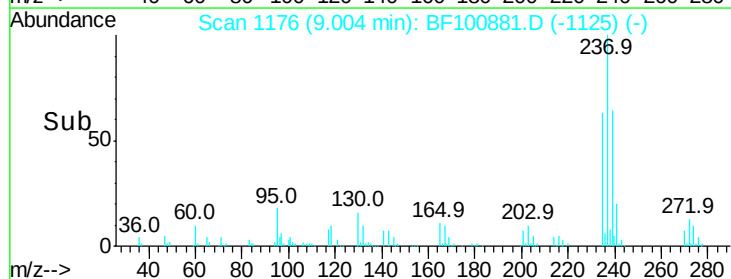
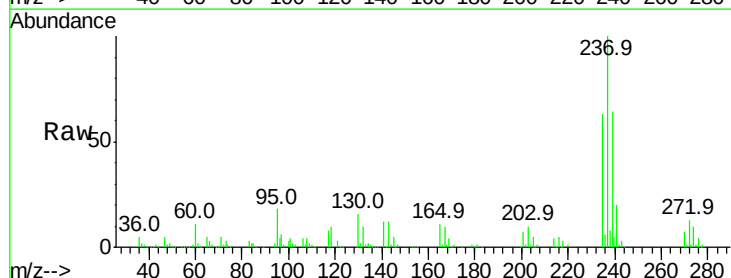
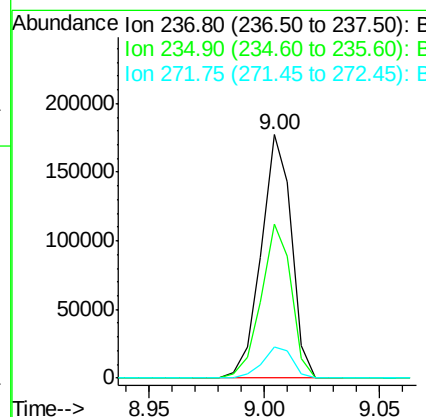
Sohil

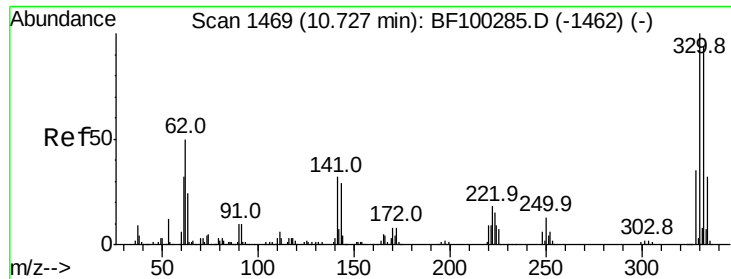
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#40
 Hexachlorocyclopentadiene
 Concen: 79.367 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	161716		
235	63.0	44.8	84.8	
272	12.6	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 116.195 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

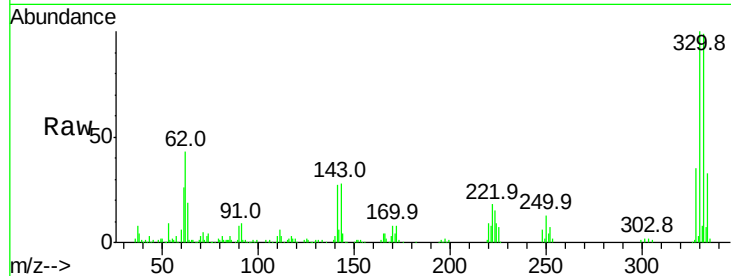
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	30.2	29.9	44.9	

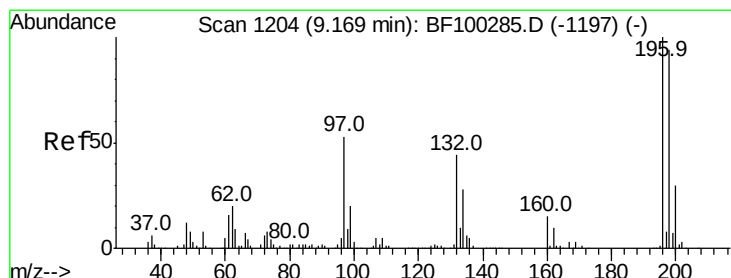
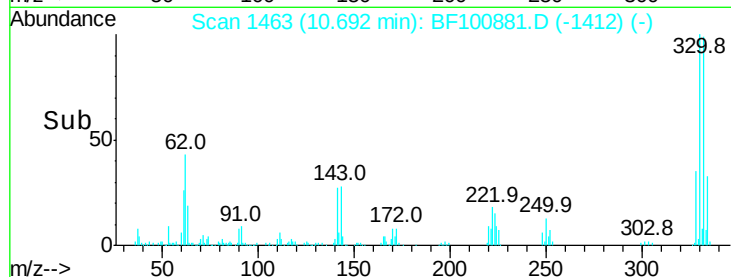
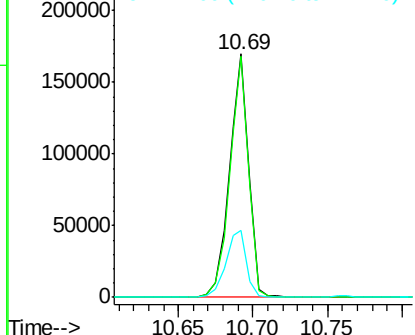
Manual Integrations
 APPROVED

Sohil

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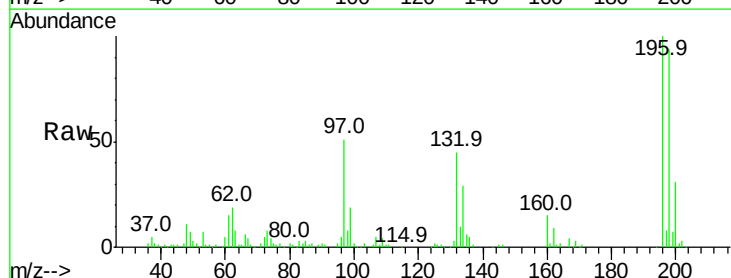


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

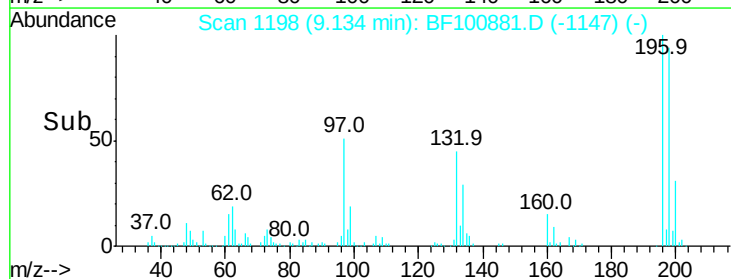
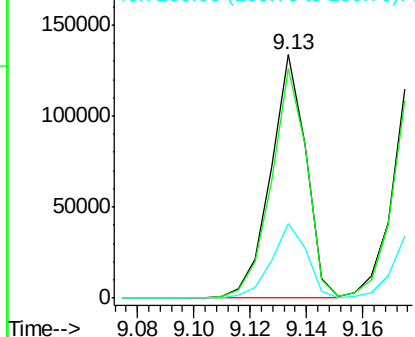


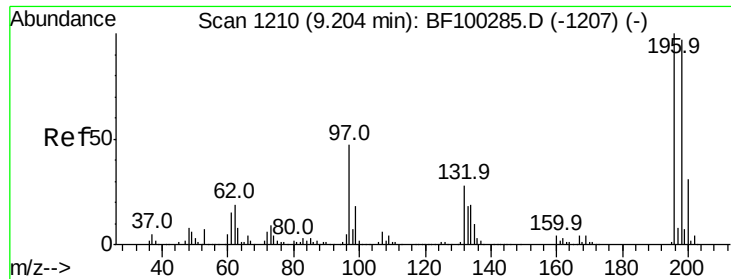
#42
 2,4,6-Trichlorophenol
 Concen: 42.350 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	75.7	113.5	
200	30.7	24.5	36.7	



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





#43
 2,4,5-Trichlorophenol
 Concen: 43.209 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

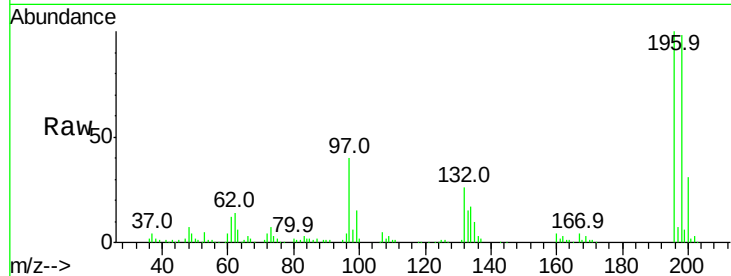
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122836		
198	97.9	74.6	112.0	
97	39.9	42.9	64.3	
132	26.0	26.3	39.5	

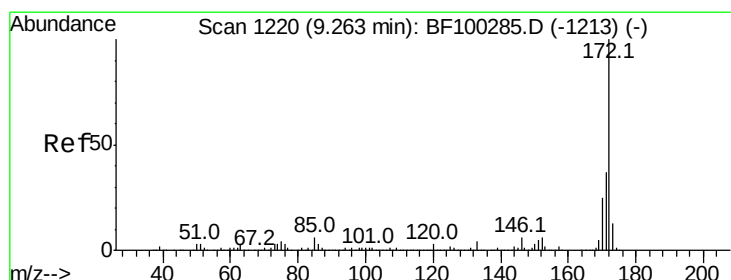
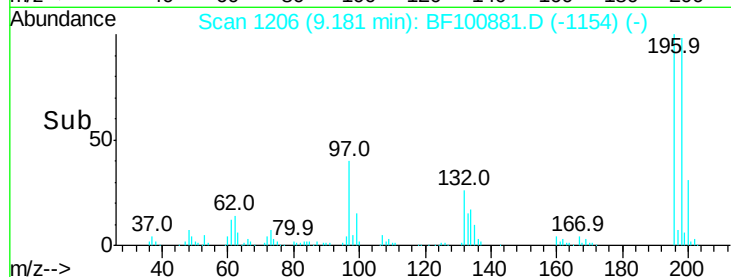
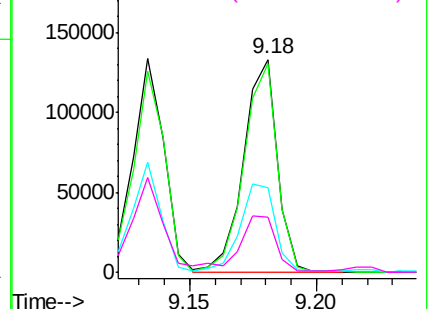
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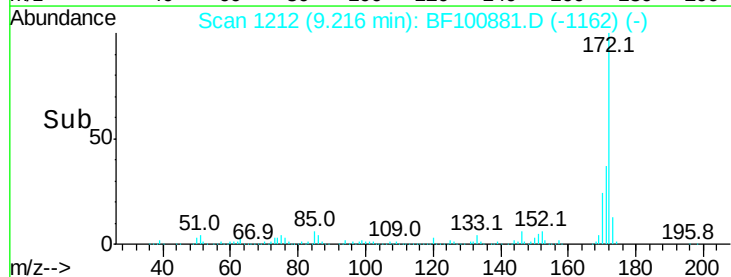
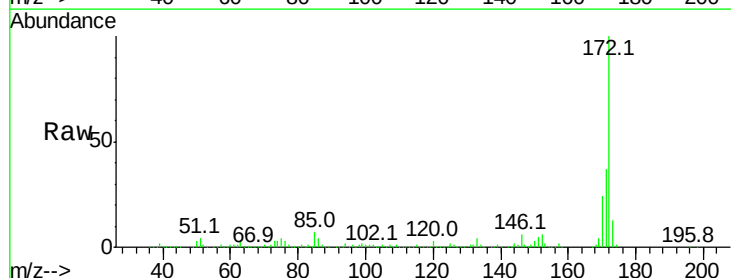
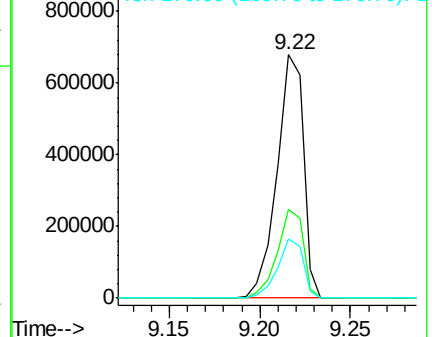
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

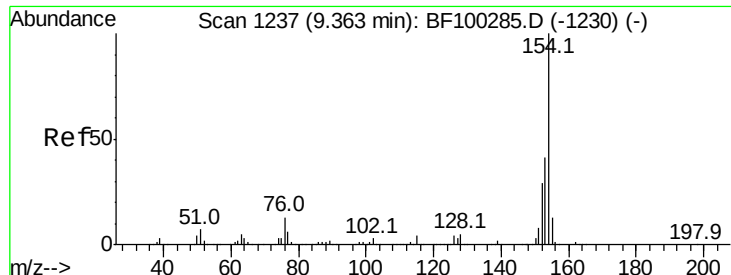


#44
 2-Fluorobiphenyl
 Concen: 80.334 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	688683		
171	36.6	29.7	44.5	
170	24.3	19.6	29.4	

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: 37.646 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

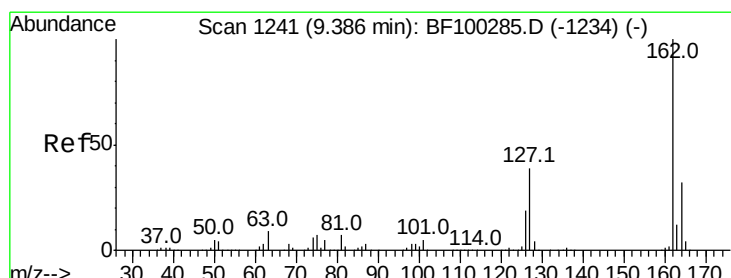
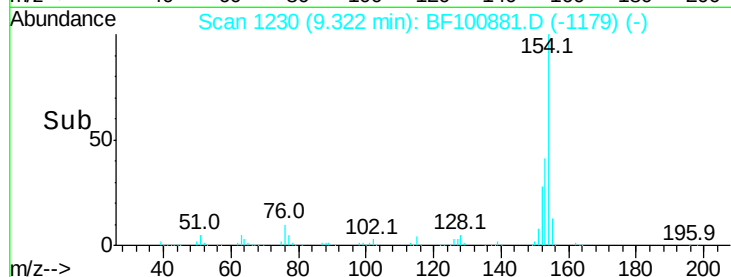
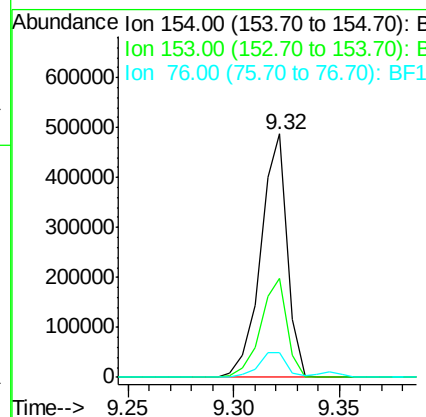
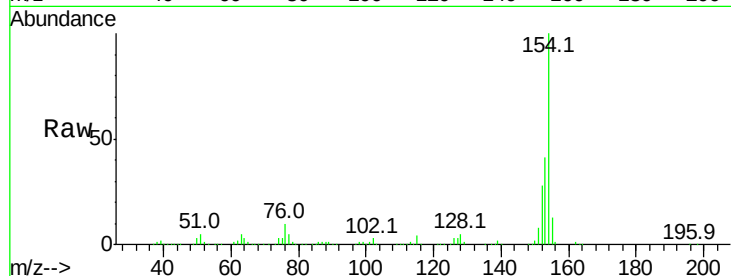
PB104481BS

Tot Ion:	154	Resp:	425032
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	10.2	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 40.941 ng

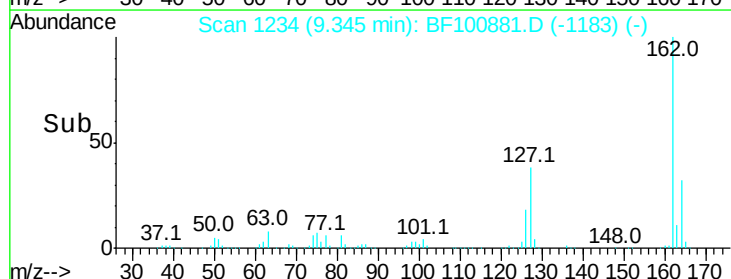
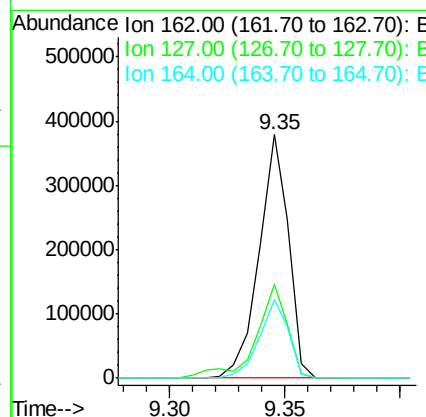
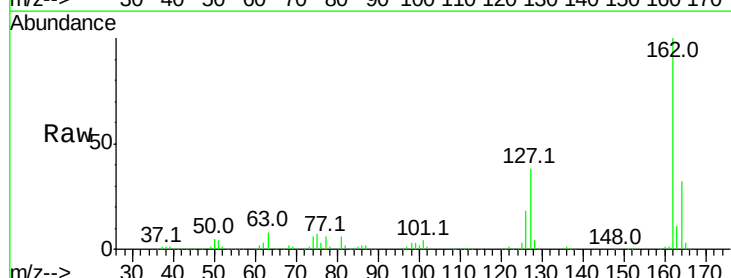
RT: 9.35 min Scan# 1234

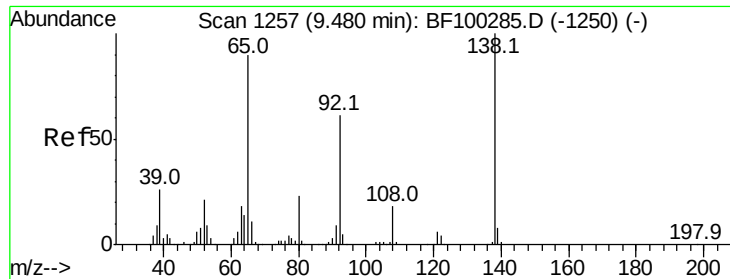
Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	162	Resp:	335328
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.9	50.9
164	32.1	26.5	39.7





#47
2-Nitroaniline
Concen: 40.951 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

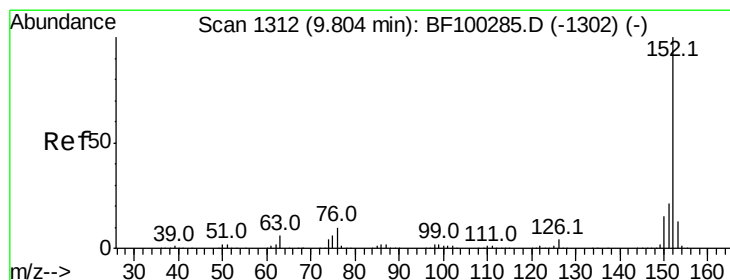
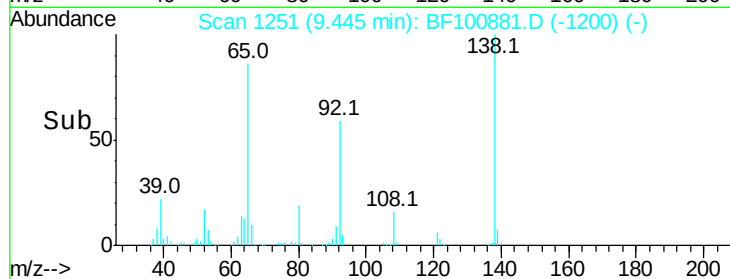
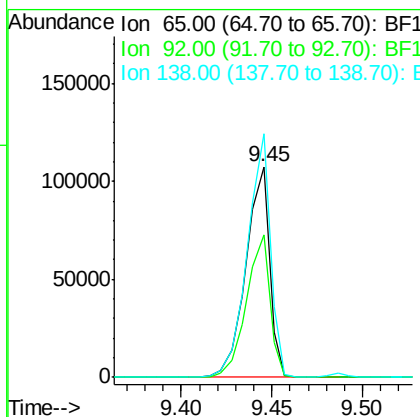
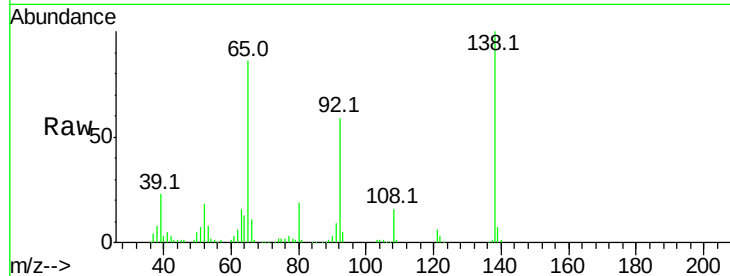
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	55.8	83.6
138	115.7	91.2	136.8

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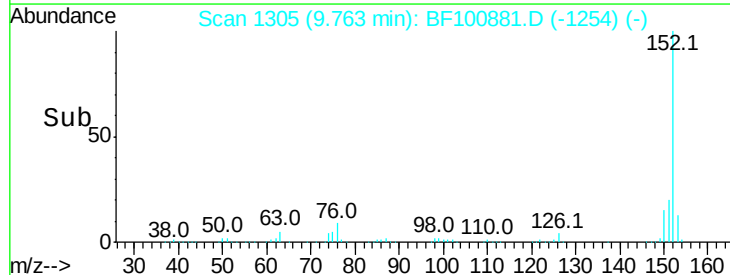
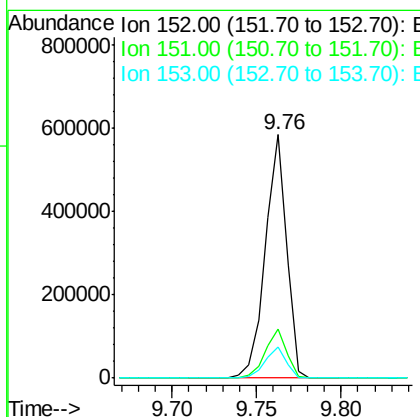
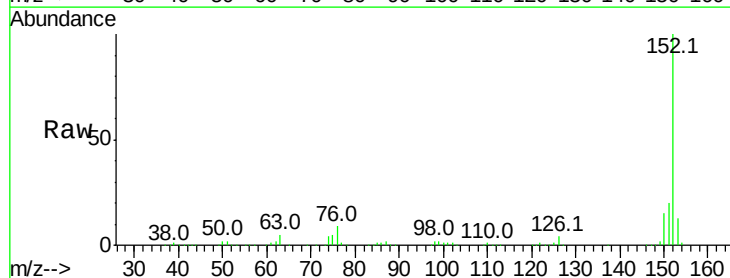
Sohil

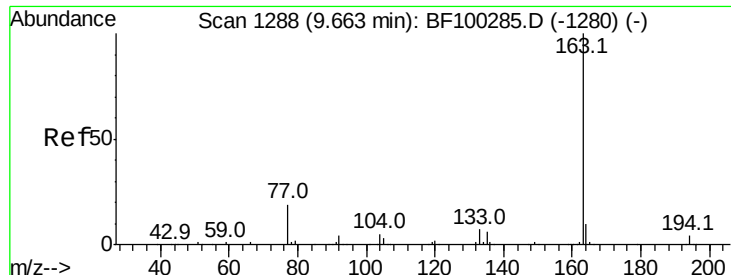
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#48
Acenaphthylene
Concen: 37.392 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.0	10.7	16.1





#49
Dimethylphthalate
Concen: 43.651 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

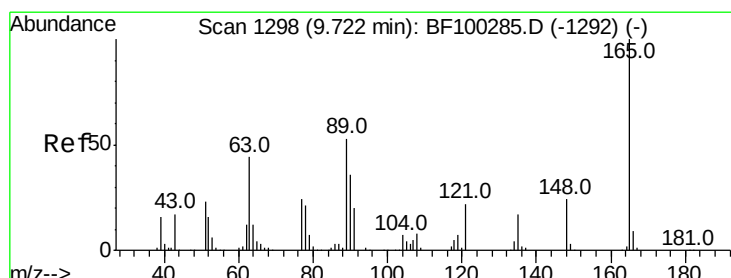
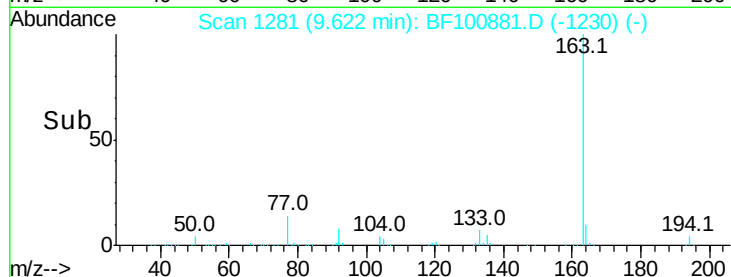
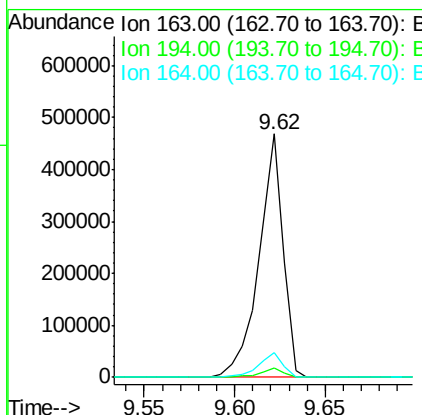
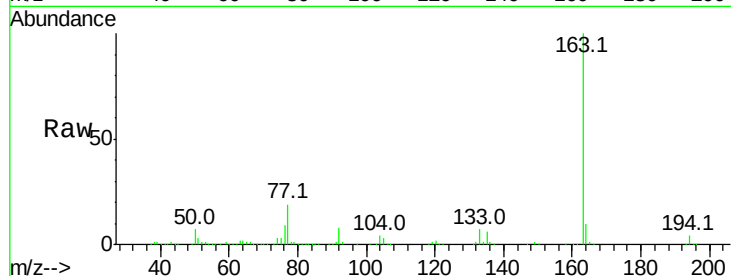
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	435055		
194	4.0		2.7	4.1
164	10.2		8.2	12.2

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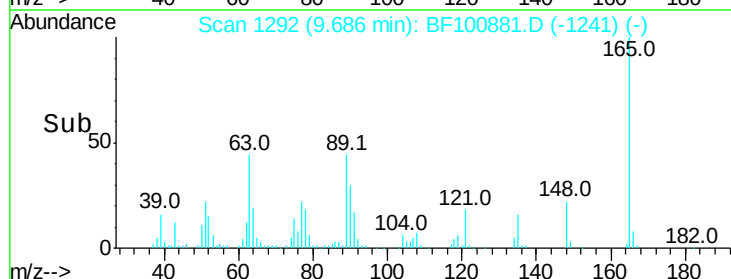
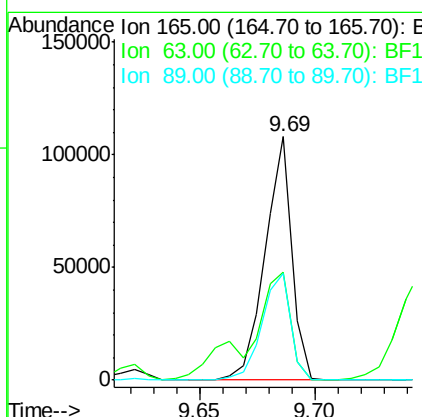
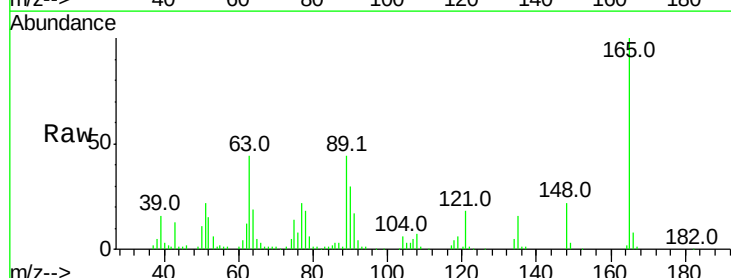
Sohil

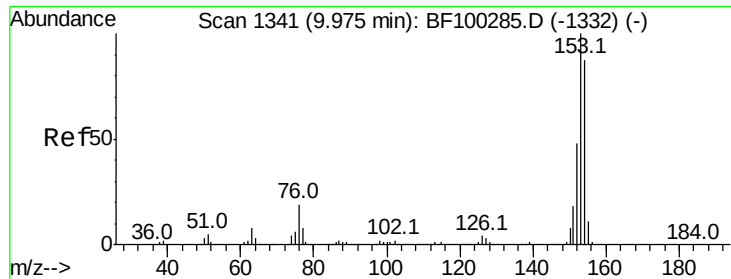
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#50
2,6-Dinitrotoluene
Concen: 44.190 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	87180		
63	44.1		44.7	67.1#
89	43.6		44.0	66.0#





#51

Acenaphthene

Concen: 36.165 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampled :

PB104481BS

Tot Ion:154 Resp: 298549

Ion Ratio Lower Upper

154 100

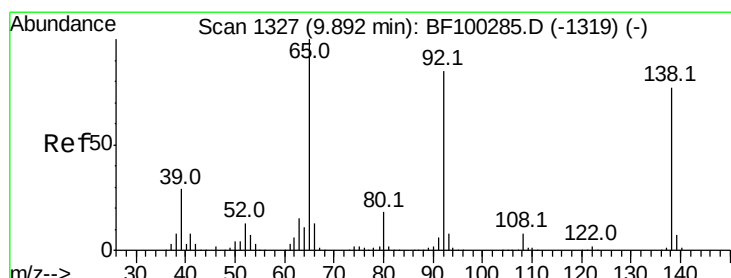
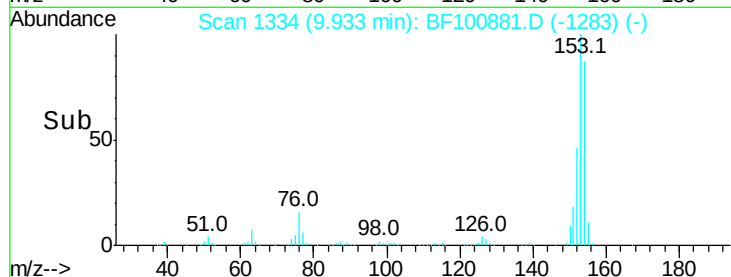
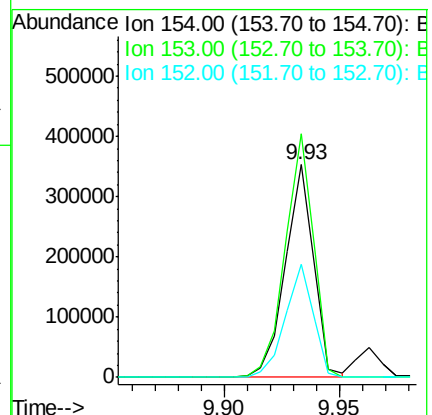
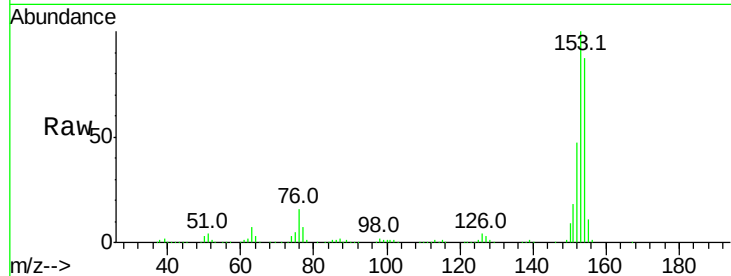
153 114.4 91.2 136.8

152 53.2 43.8 65.8

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#52

3-Nitroaniline

Concen: 24.953 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

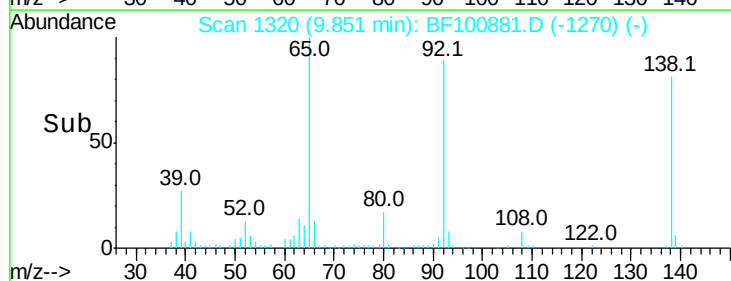
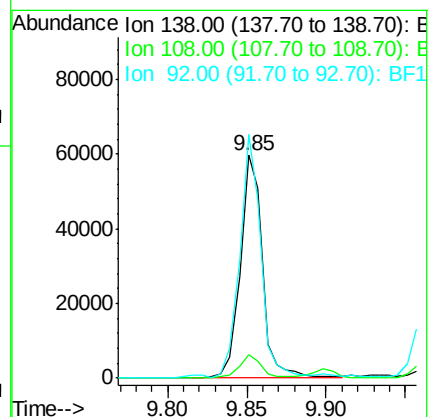
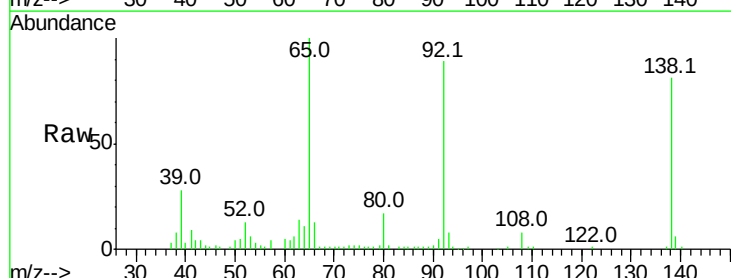
Tgt Ion:138 Resp: 58131

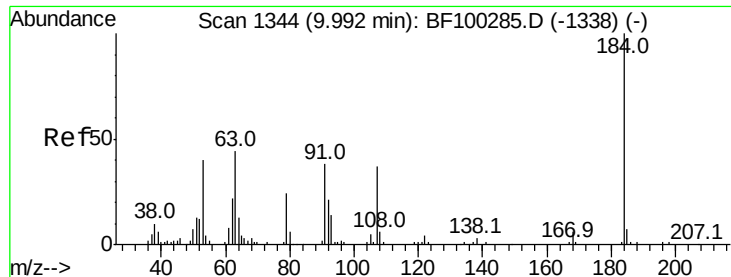
Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

92 109.2 89.4 134.2





#53
 2,4-Dinitrophenol
 Concen: 86.640 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

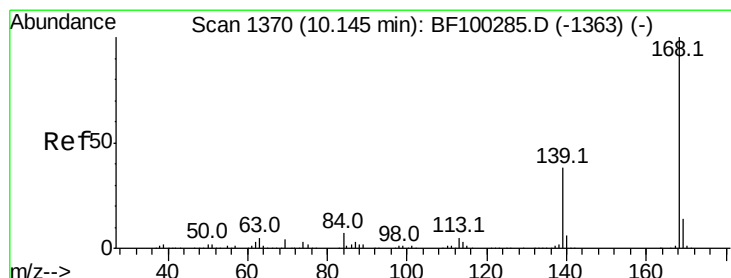
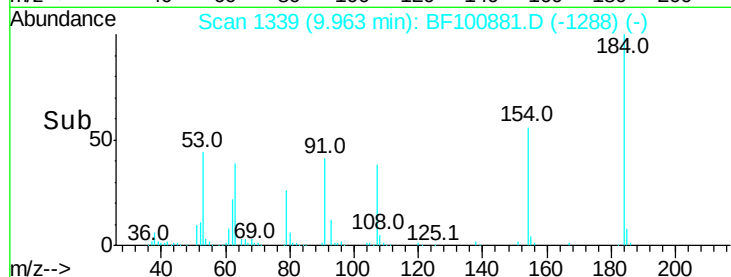
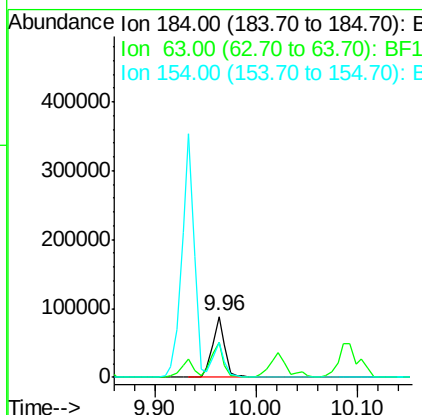
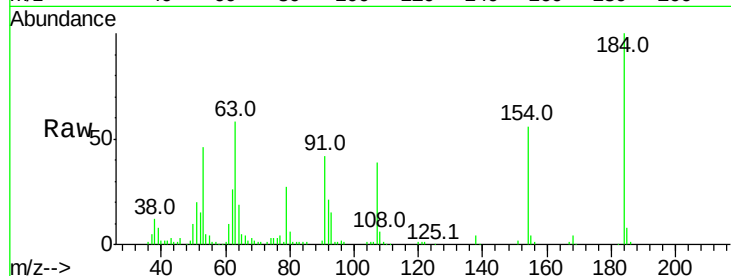
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.1	54.2	81.2
154	56.1	184.0	276.0#

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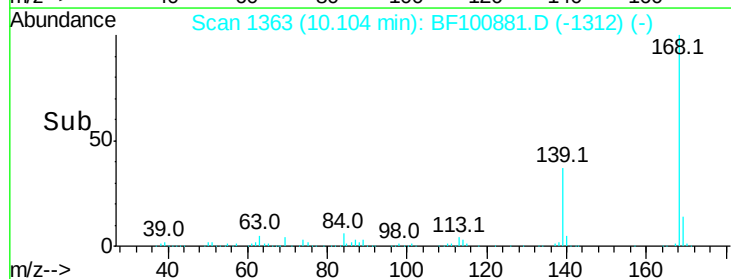
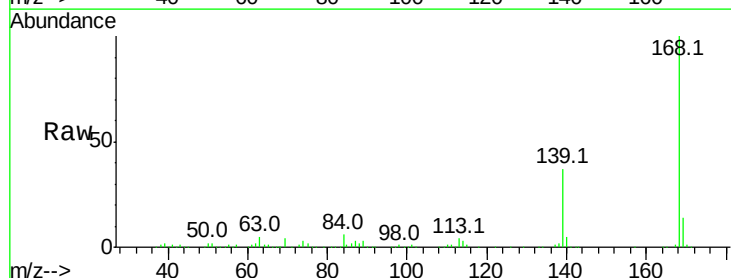
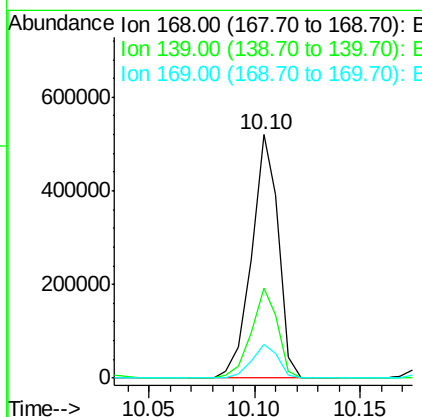
Sohil

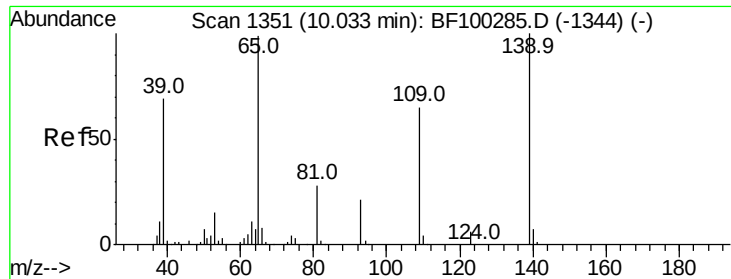
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#54
 Dibenzofuran
 Concen: 39.447 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	13.9	10.9	16.3





#55
4-Nitrophenol
Concen: 72.026 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

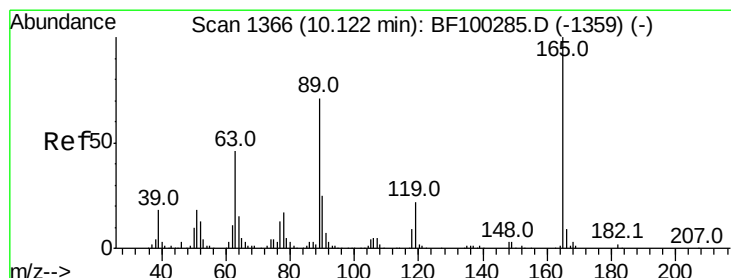
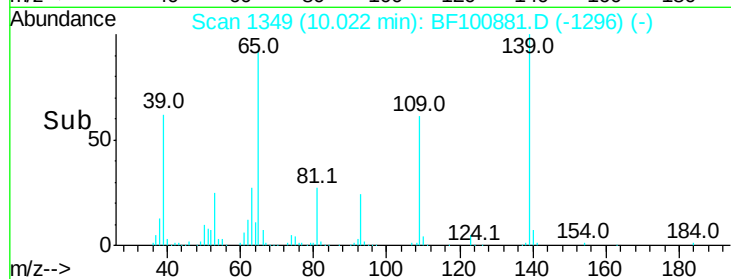
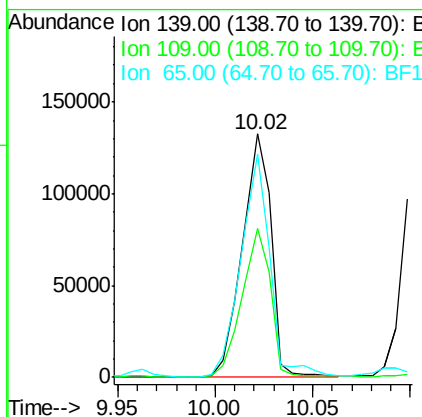
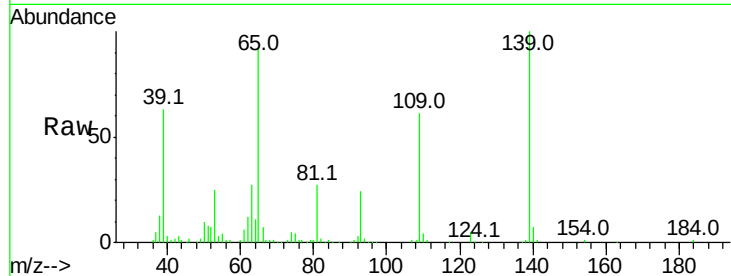
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	136248		
109	61.0	48.4	88.4	
65	91.9	72.6	112.6	

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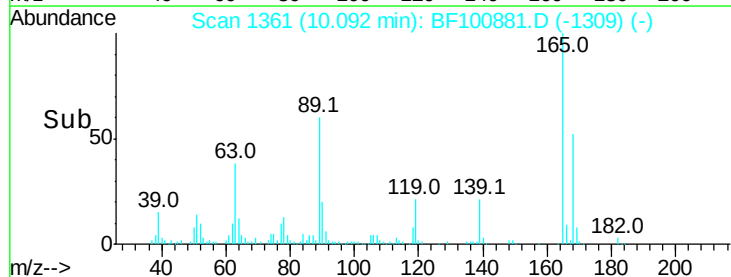
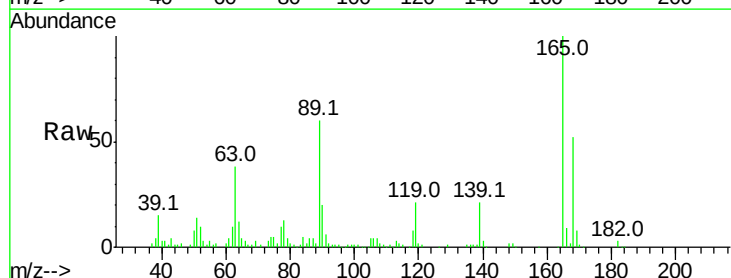
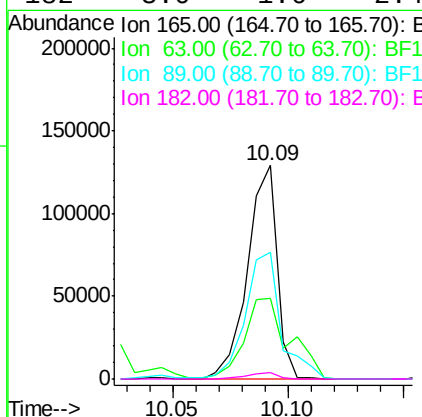
Sohil

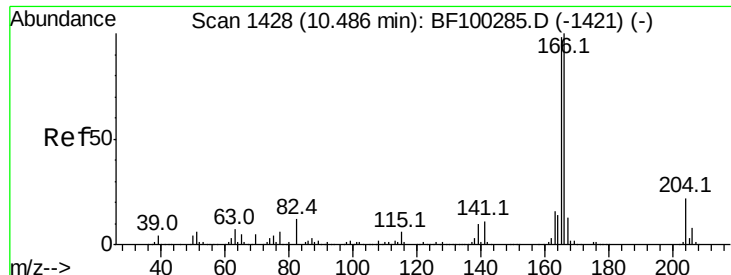
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#56
2,4-Dinitrotoluene
Concen: 46.629 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	116052		
63	37.9	36.4	54.6	
89	59.6	57.8	86.6	
182	3.0	1.6	2.4	#





#57
 Fluorene
 Concen: 42.974 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

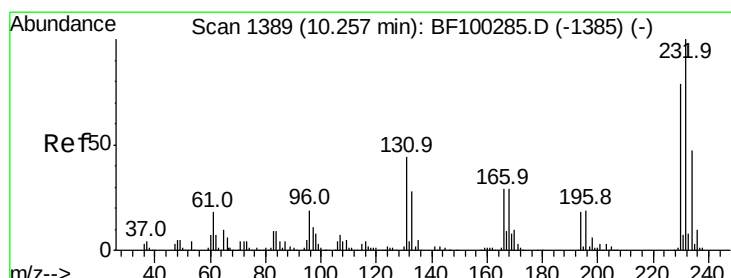
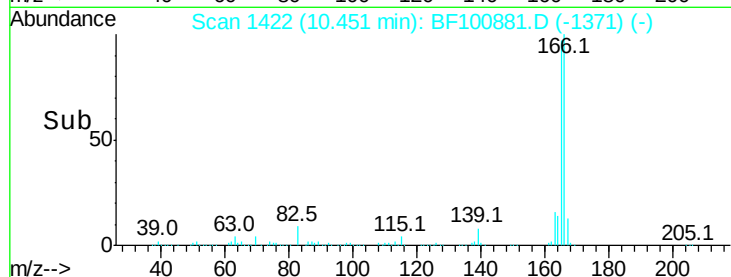
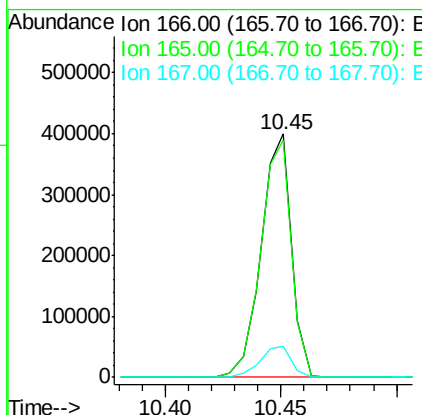
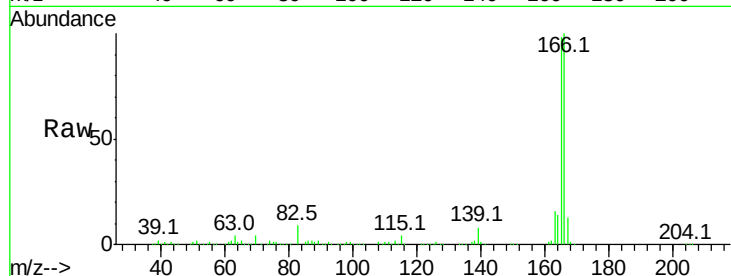
Instrument :
 BNA_F
 ClientSampled :
 PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.5	79.8	119.8	
167	12.5	10.6	16.0	

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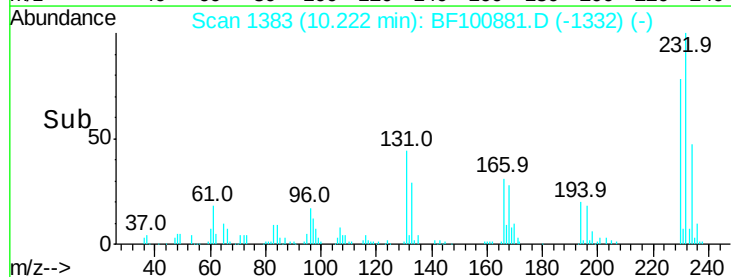
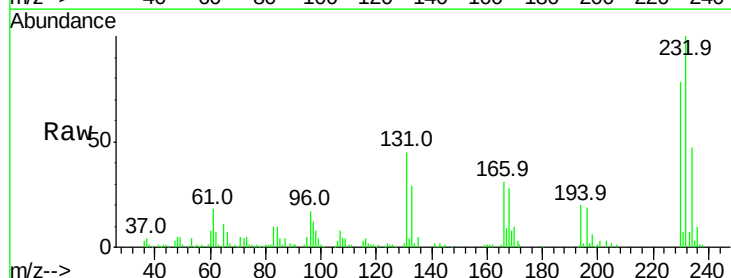
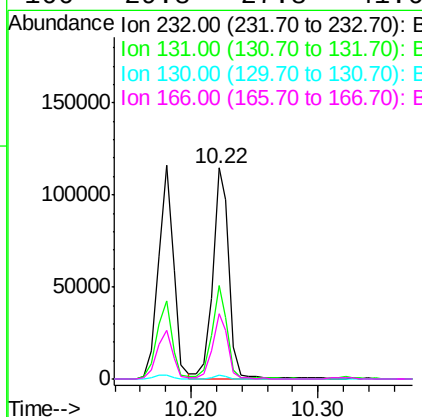
Sohil

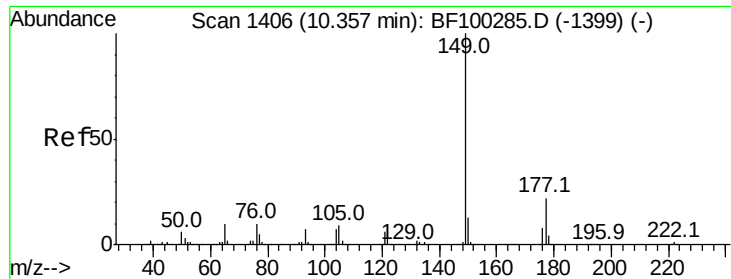
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.160 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	40.5	43.8	65.8#	
130	1.6	2.1	3.1#	
166	29.8	27.8	41.6	





#59
Diethylphthalate
Concen: 38.556 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

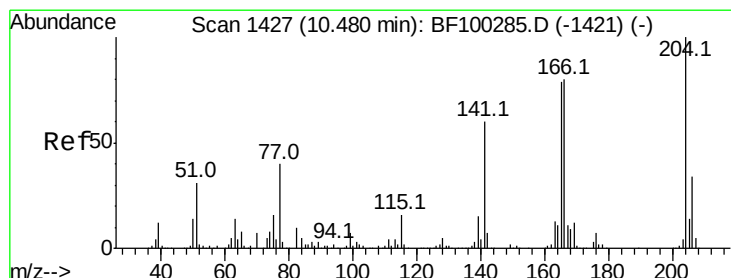
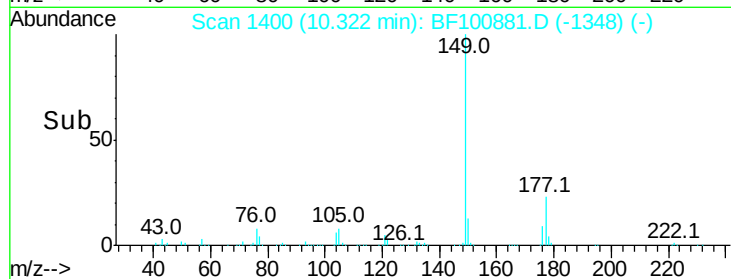
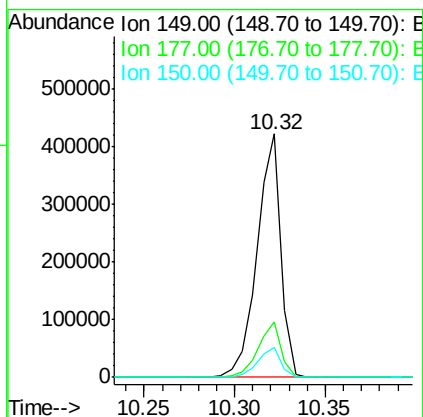
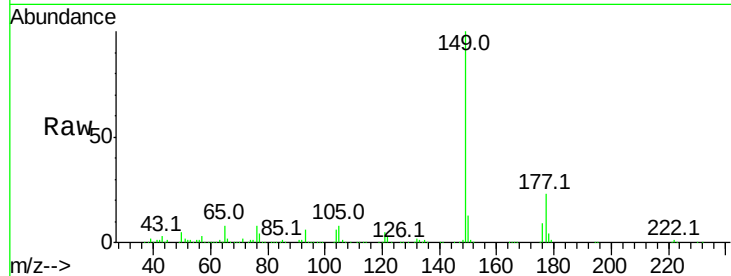
Instrument :
BNA_F
ClientSampled :
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.8	16.1	24.1	
150	12.5	10.1	15.1	

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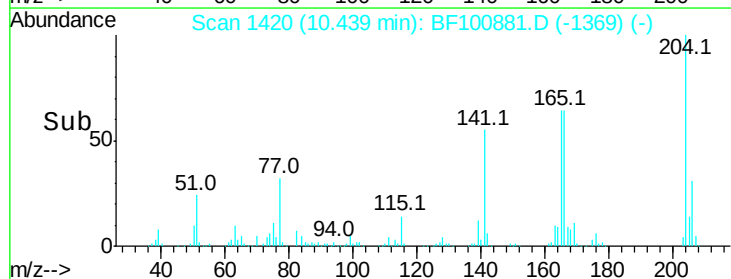
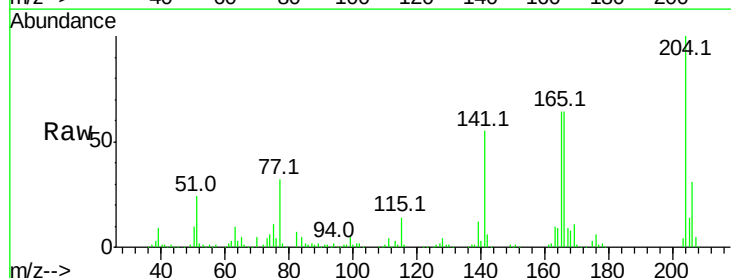
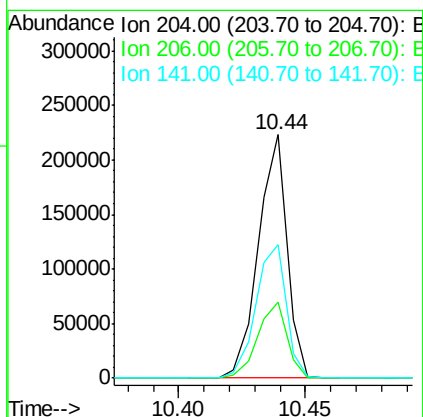
Sohil

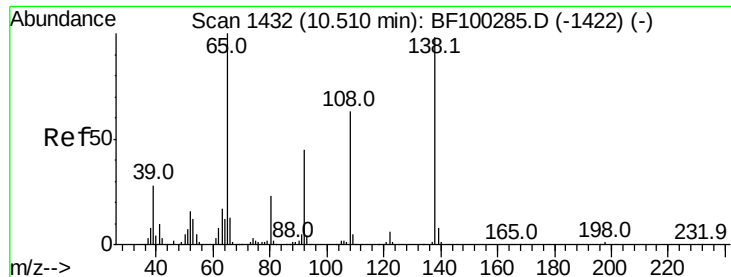
11/28/2017 2:44:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.519 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	31.3	26.5	39.7	
141	55.1	54.6	81.8	





#61
4-Nitroaniline
Concen: 35.669 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

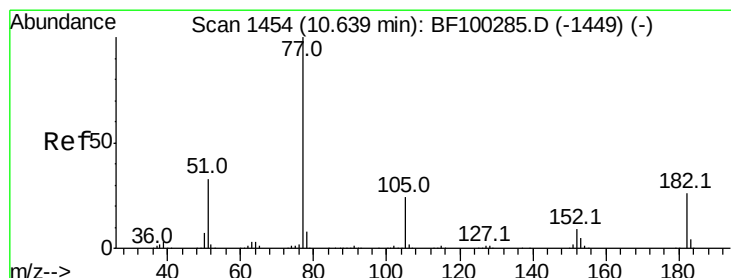
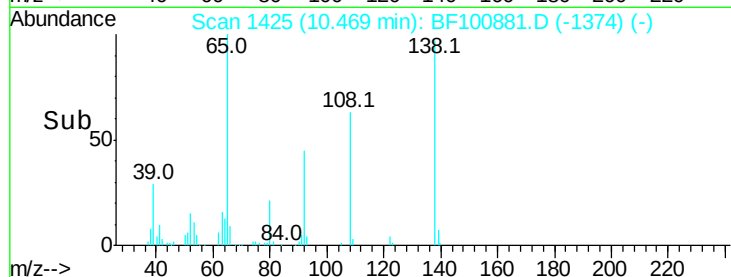
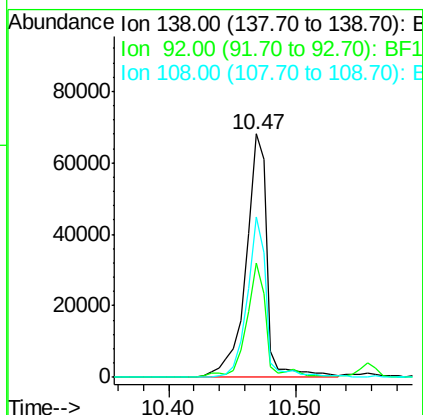
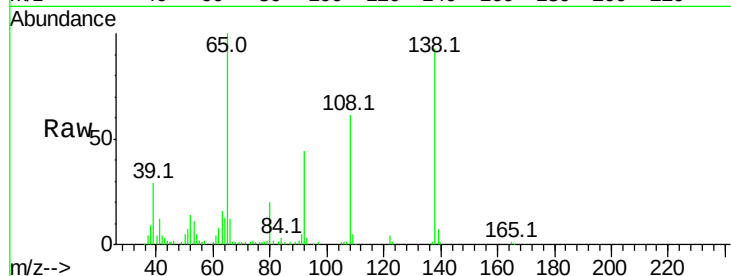
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.2	30.2	70.2
108	65.7	52.5	92.5

Manual Integrations
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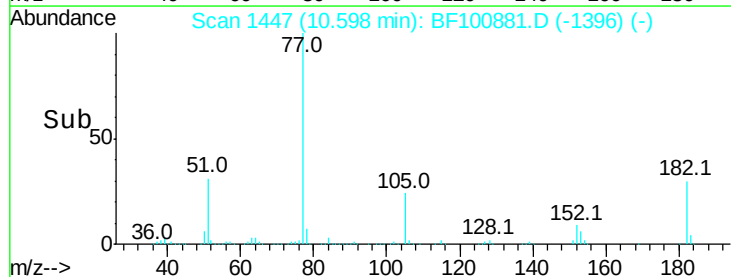
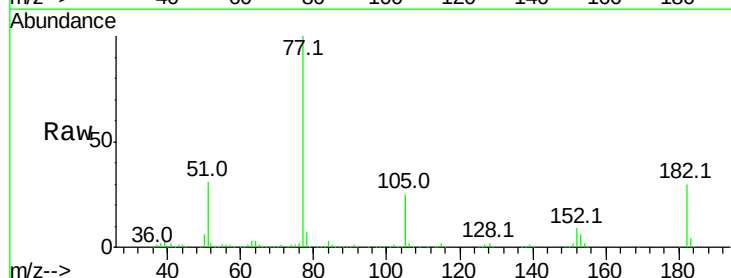
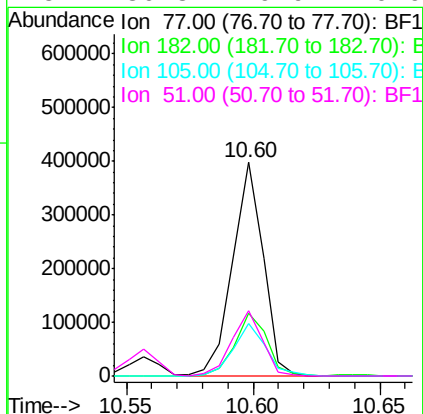
Sohil

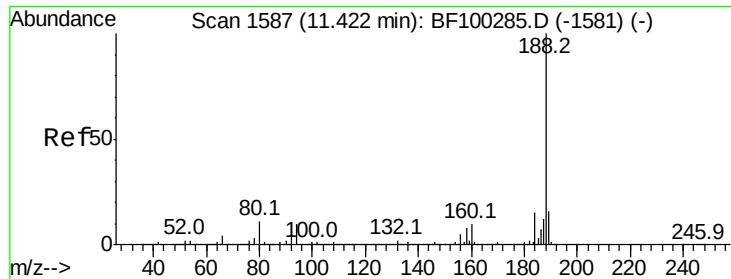
11/28/2017 2:44:41 PM



#62
Azobenzene
Concen: 35.210 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	1.7	41.7
105	24.6	3.0	43.0
51	30.8	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104481BS

Tot Ion:188 Resp: 260990

Ion Ratio Lower Upper

188 100

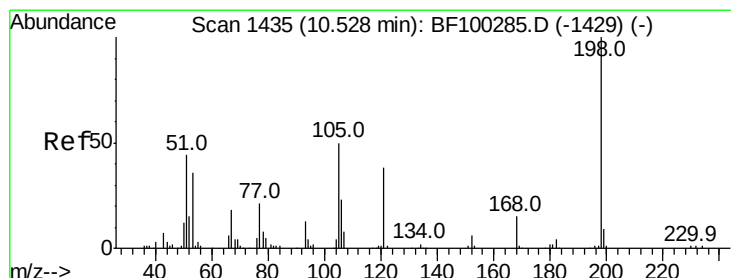
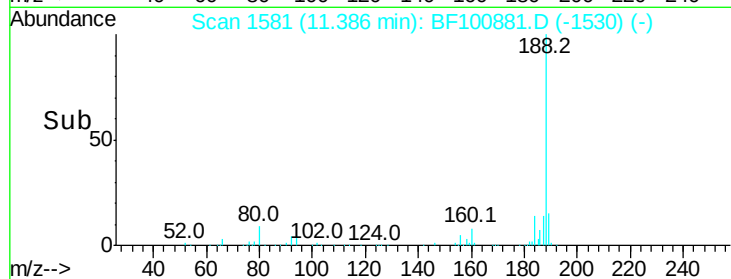
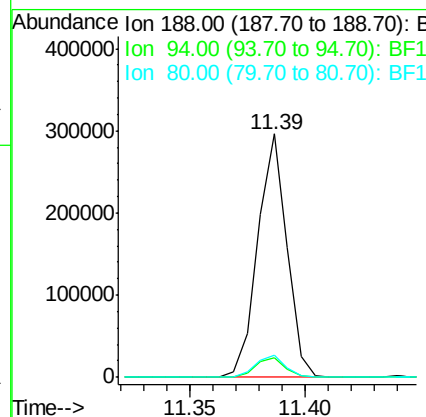
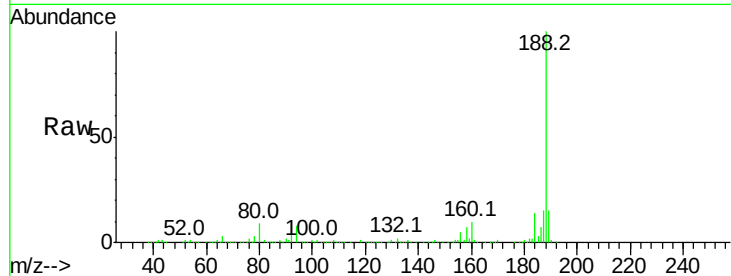
94 7.9 8.5 12.7#

80 9.1 9.2 13.8#

Manual Integrations
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Sohil

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.052 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

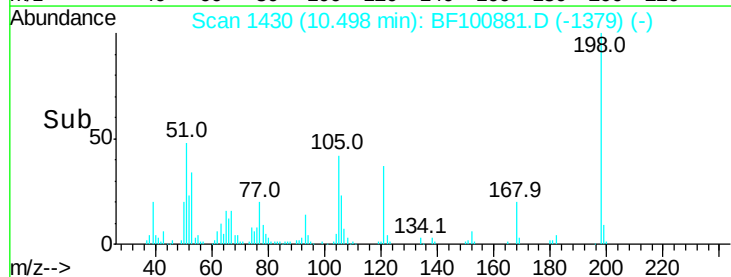
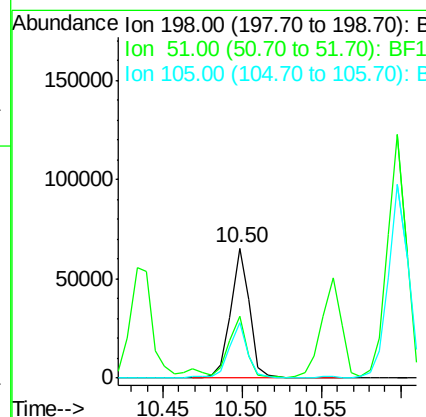
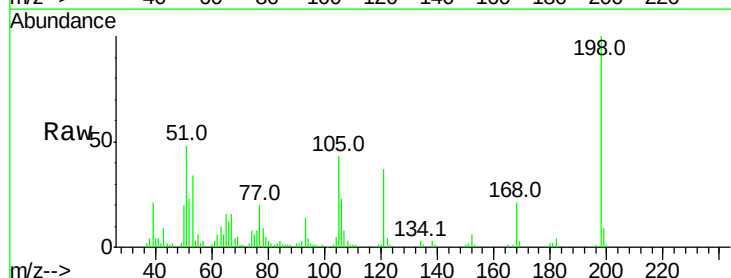
Tgt Ion:198 Resp: 53712

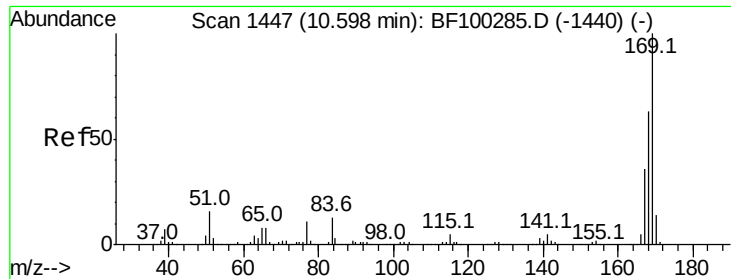
Ion Ratio Lower Upper

198 100

51 47.9 37.7 77.7

105 42.8 36.3 76.3





#65
 n-Nitrosodiphenylamine
 Concen: 36.628 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

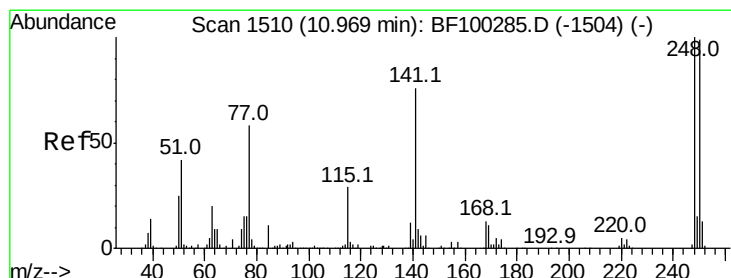
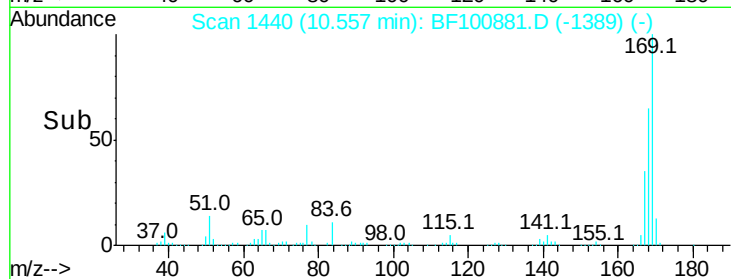
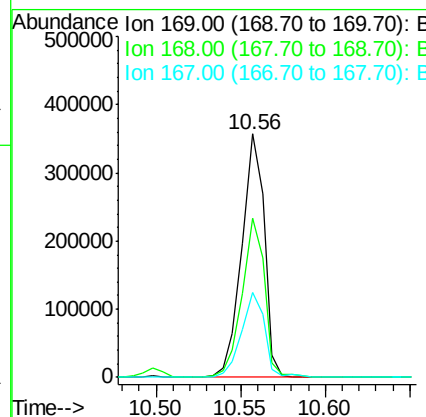
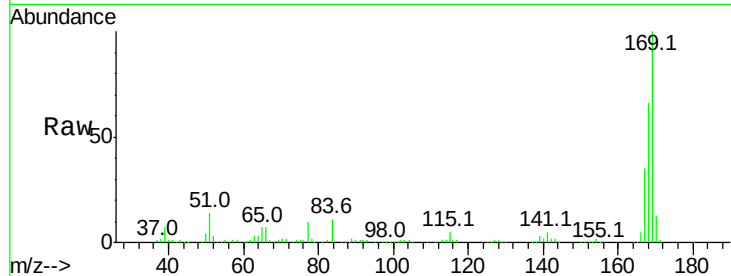
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	332399		
168	65.6		54.4	81.6
167	35.0		29.8	44.6

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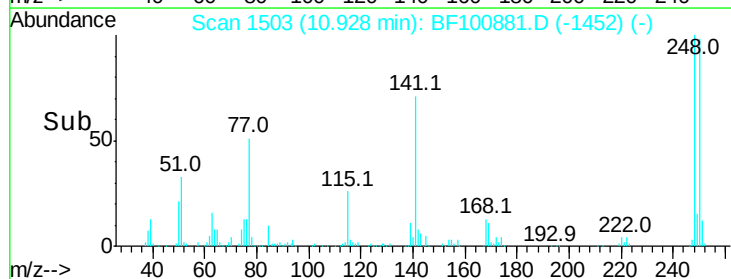
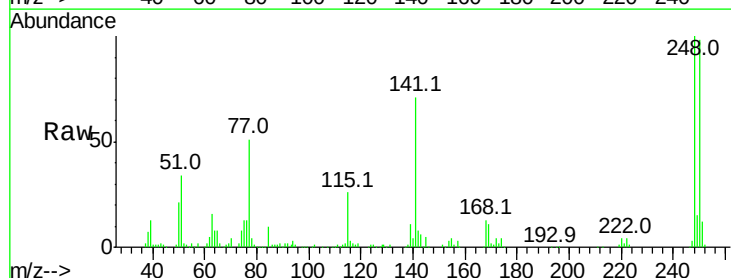
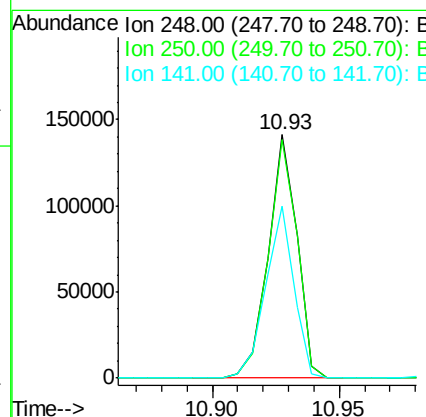
Sohil

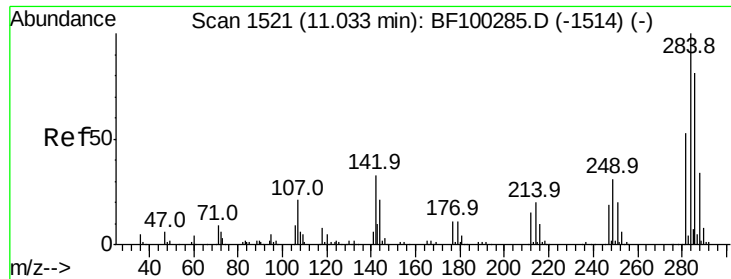
11/28/2017 2:44:41 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.218 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	112520		
250	97.8		76.9	115.3
141	70.6		74.4	111.6#





#67

Hexachlorobenzene

Concen: 39.954 ng

RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

PB104481BS

Tot Ion:284 Resp: 116910
Ion Ratio Lower Upper

284 100

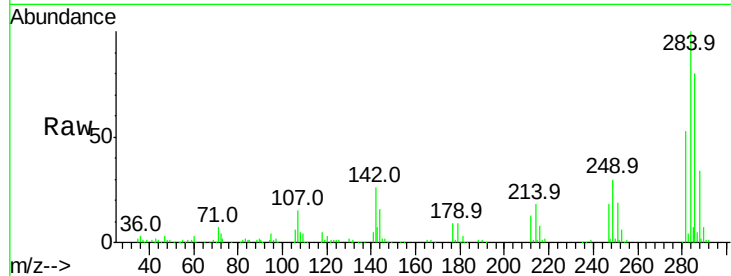
142 25.7 34.6 52.0#

249 29.7 24.8 37.2

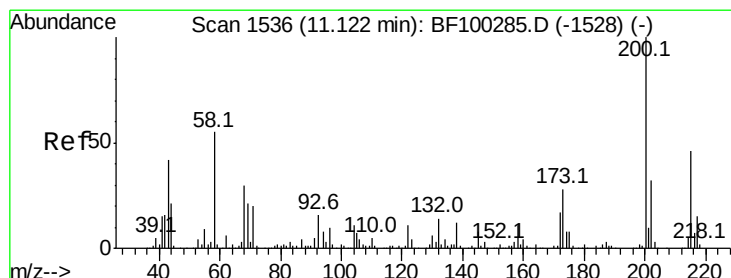
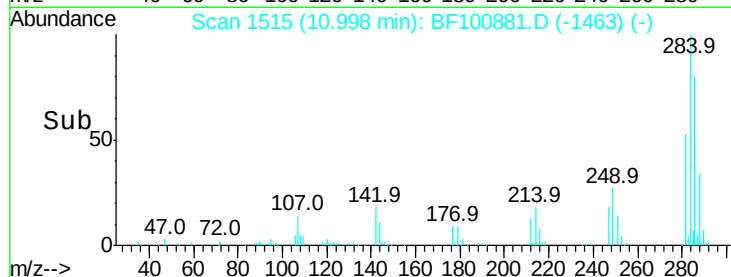
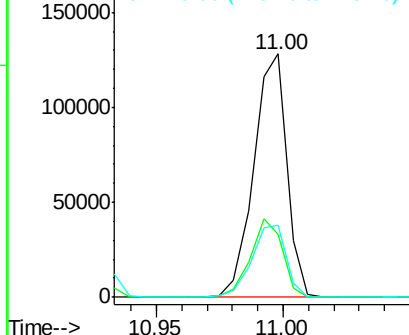
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.051 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BF100881.D

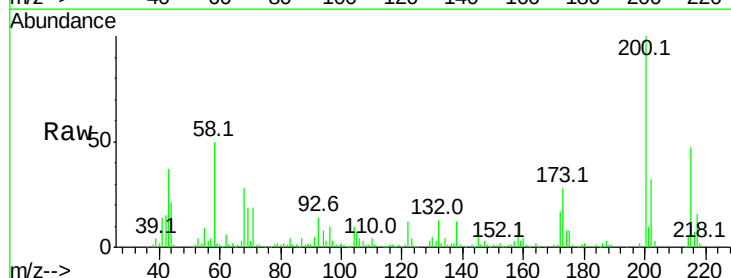
Acq: 27 Nov 2017 10:24

Tgt Ion:200 Resp: 107274
Ion Ratio Lower Upper

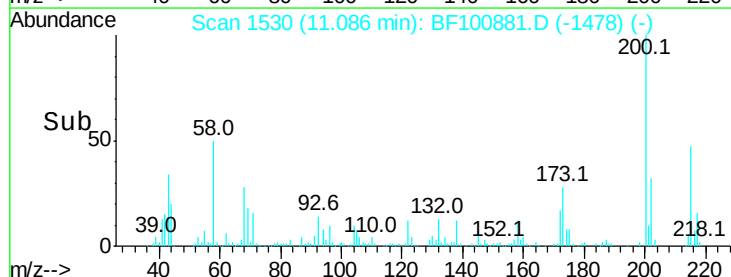
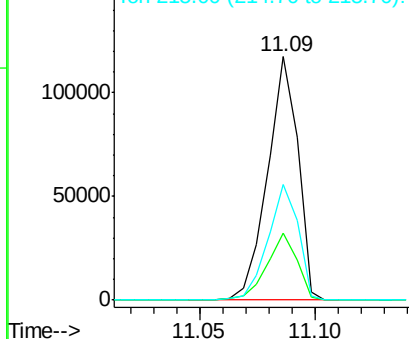
200 100

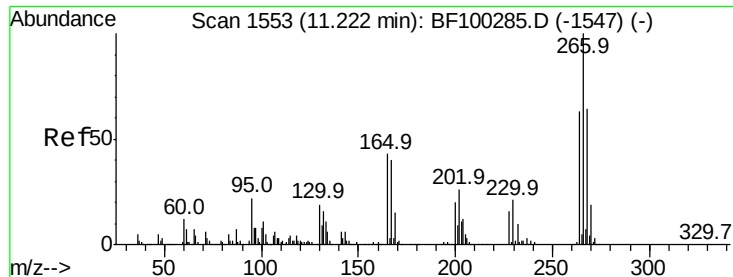
173 27.7 8.6 48.6

215 47.3 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 59.441 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

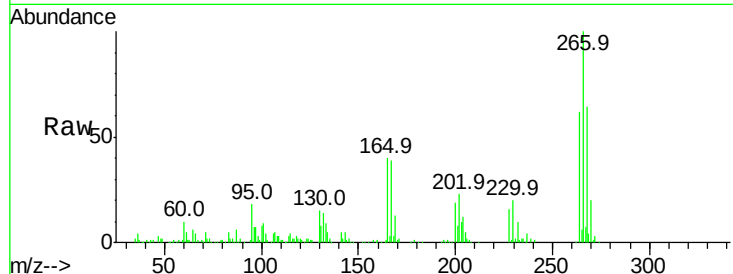
Instrument :
 BNA_F
 ClientSampled :
 PB104481BS

Tot Ion:	266	Resp:	124719
Ion Ratio		Lower	Upper
266	100		
268	64.2	51.1	76.7
264	61.9	49.5	74.3

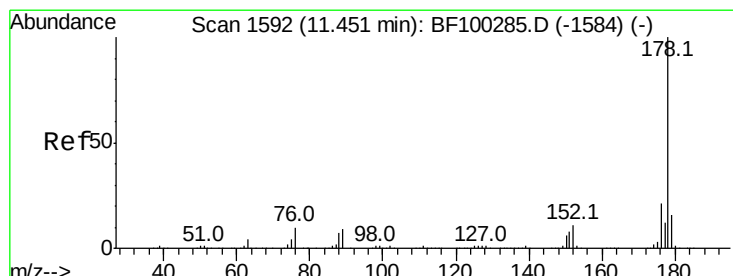
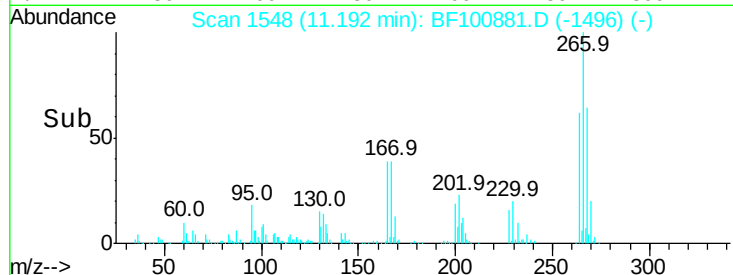
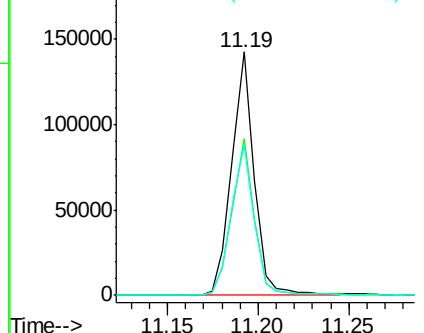
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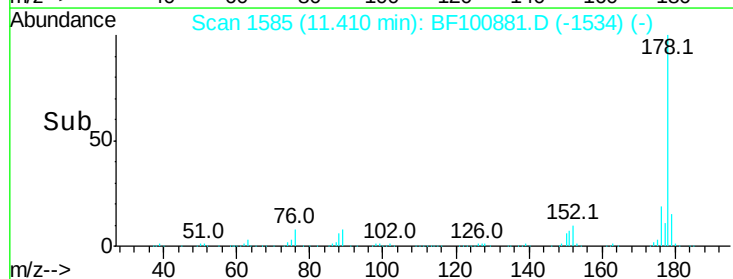
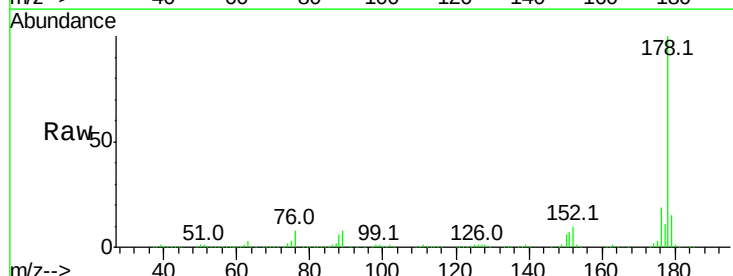
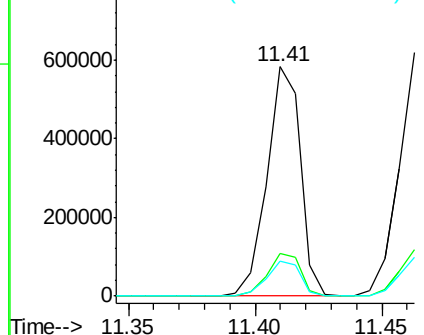
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

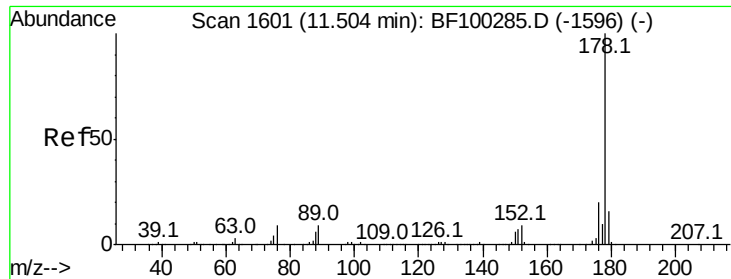


#70
 Phenanthrene
 Concen: 39.299 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion:	178	Resp:	540031
Ion Ratio		Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.4	13.0	19.6

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





#71
 Anthracene
 Concen: 39.604 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

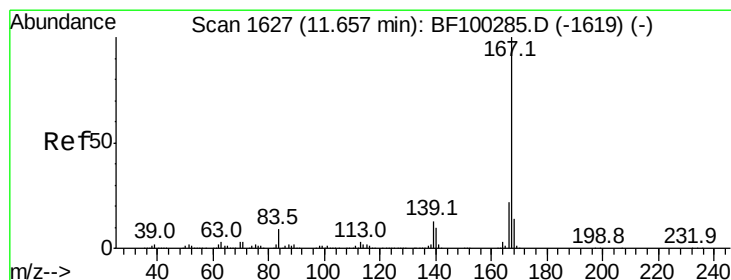
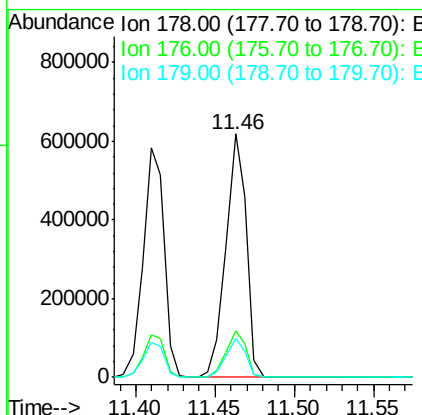
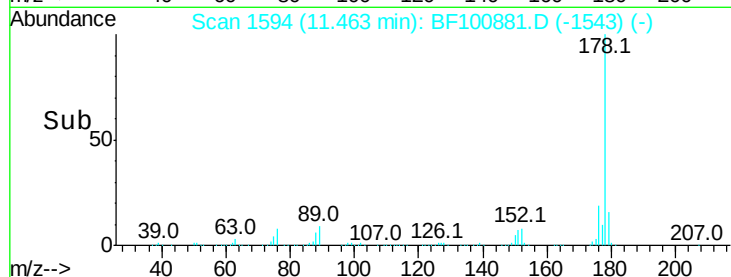
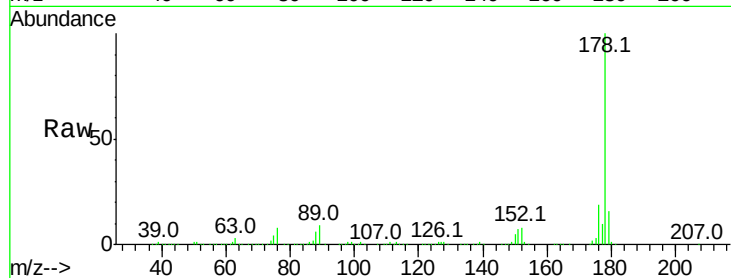
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.2	12.6	19.0

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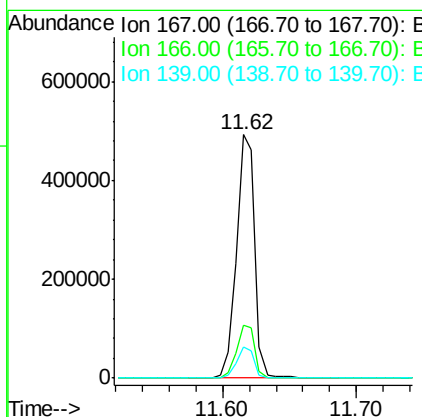
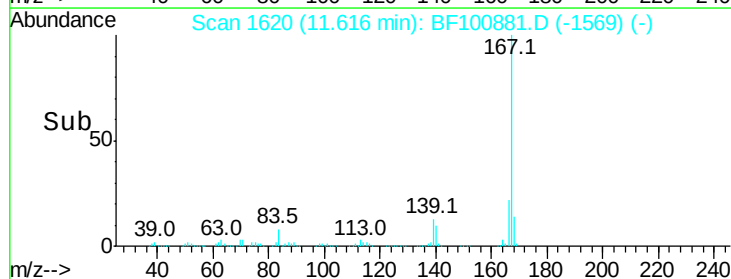
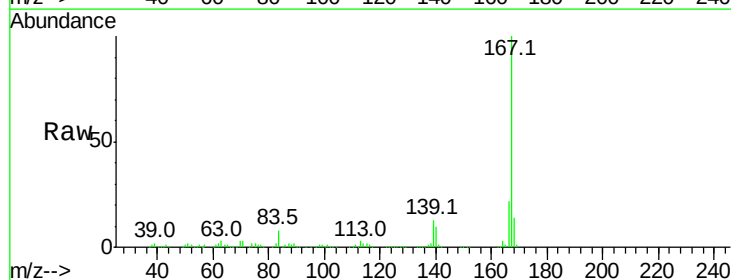
Sohil

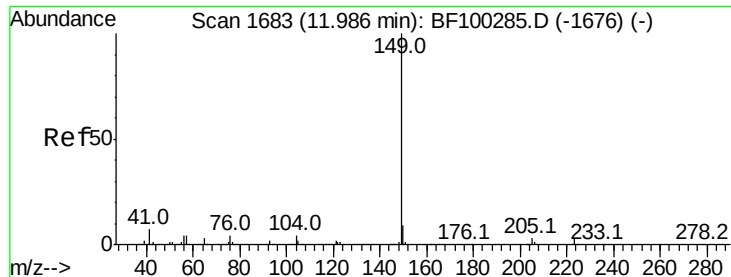
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#72
 Carbazole
 Concen: 36.565 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.981 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

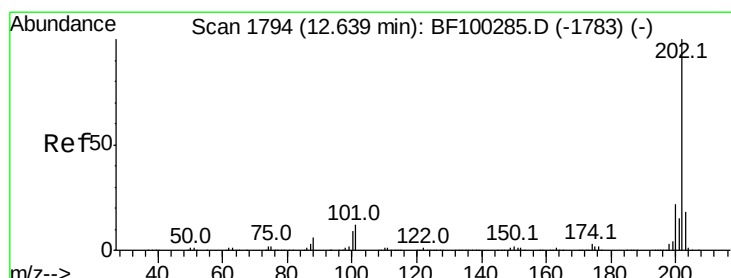
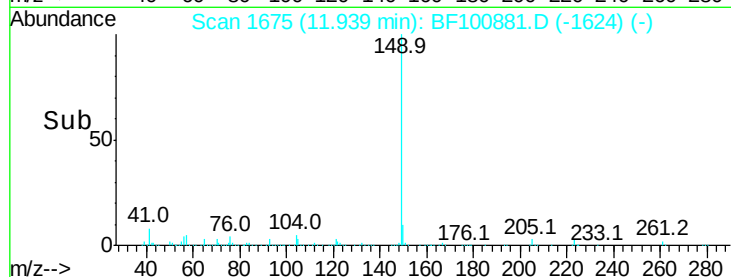
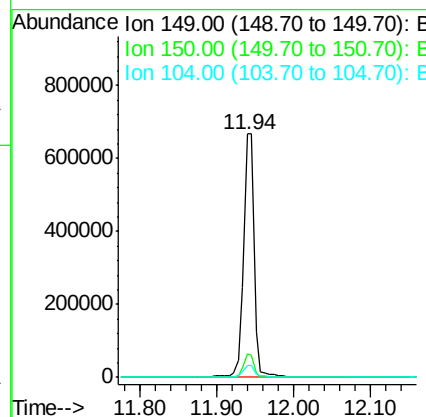
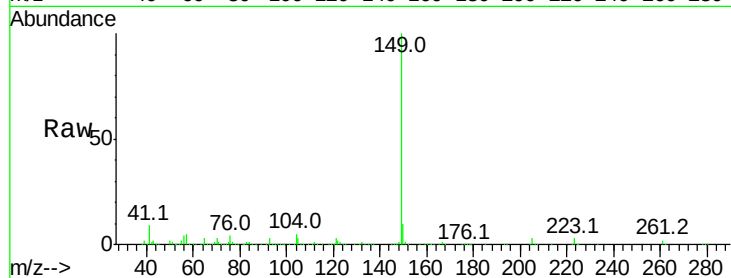
PB104481BS

Tot Ion:	149	Resp:	647034
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.8

Manual Integrations
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Sohil

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#74

Fluoranthene

Concen: 37.944 ng

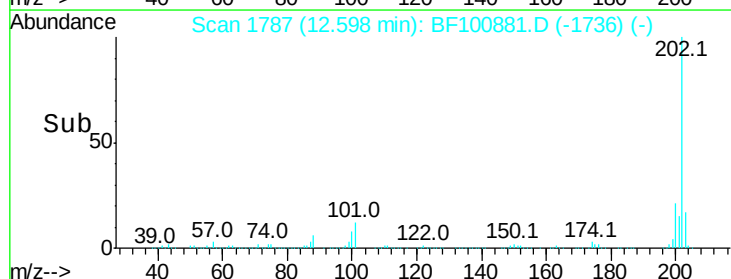
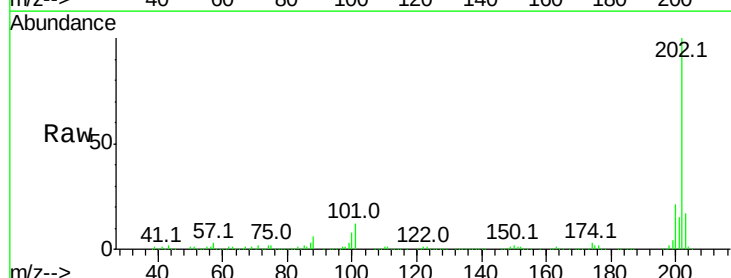
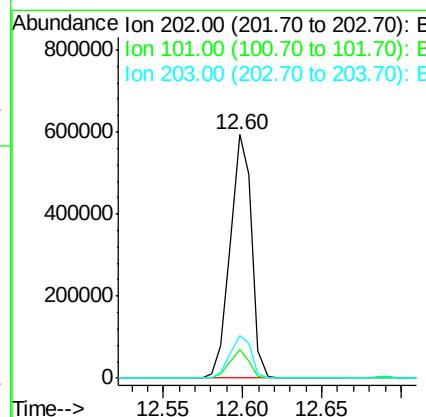
RT: 12.60 min Scan# 1787

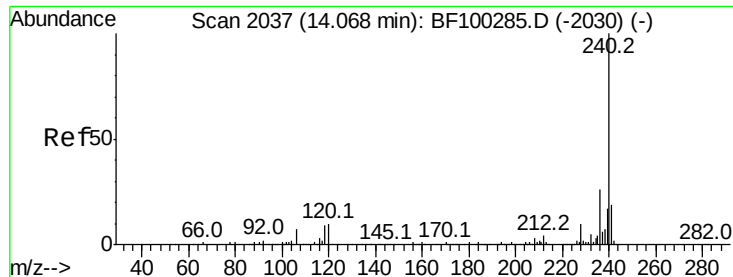
Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	202	Resp:	552598
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampleId :

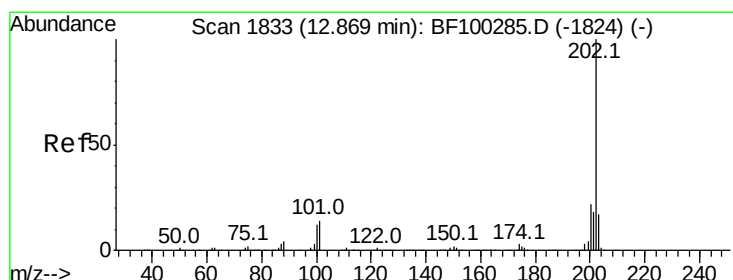
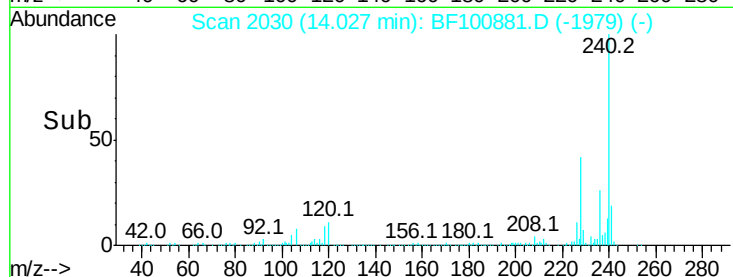
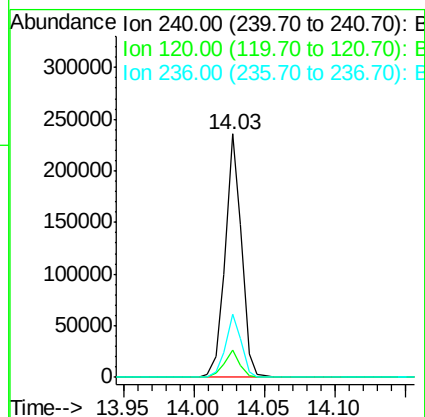
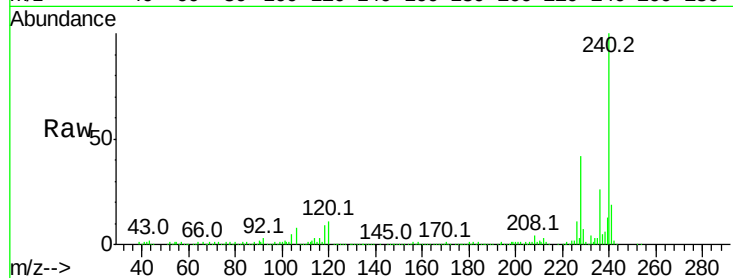
PB104481BS

Tot Ion:	240	Resp:	189099
Ion Ratio	Lower	Upper	
240	100		
120	11.3	9.5	14.3
236	25.7	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 42.054 ng

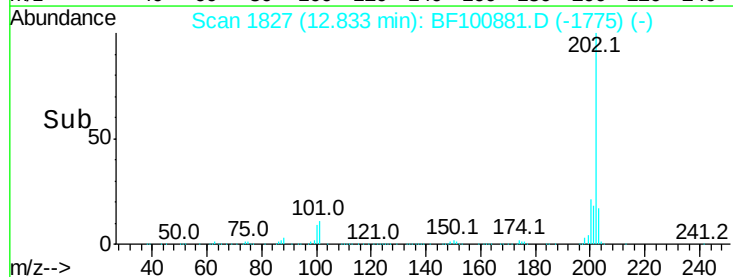
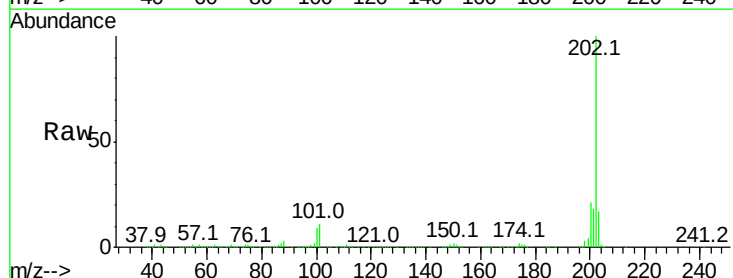
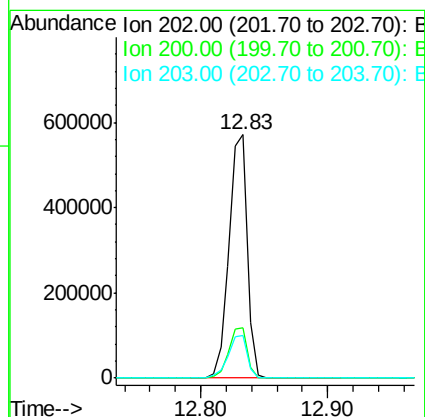
RT: 12.83 min Scan# 1827

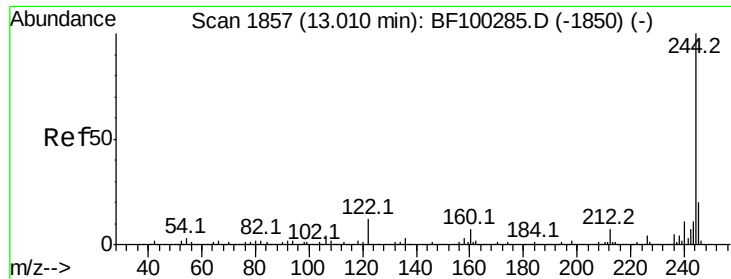
Delta R.T. 0.01 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	202	Resp:	566876
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.4	26.2
203	17.3	14.3	21.5





#78

Terphenyl-d14

Concen: 85.004 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Instrument :

BNA_F

ClientSampled :

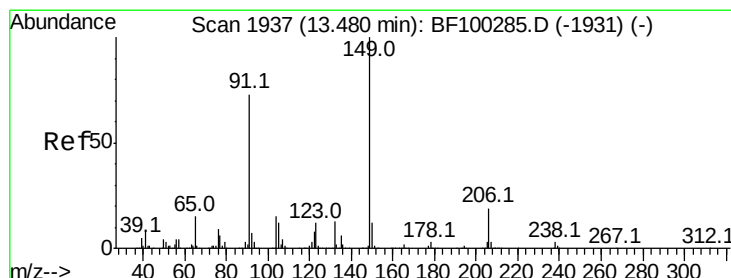
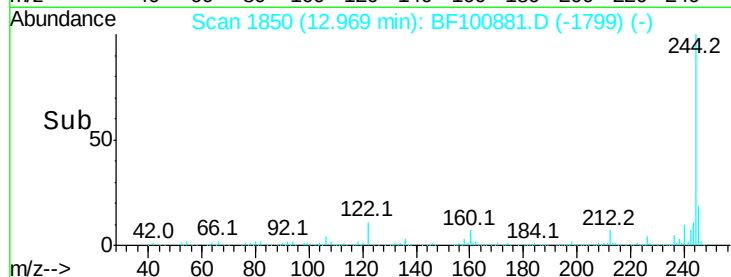
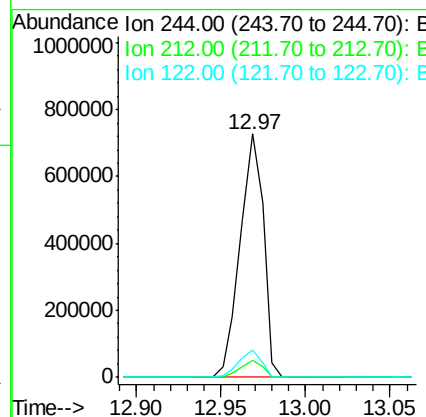
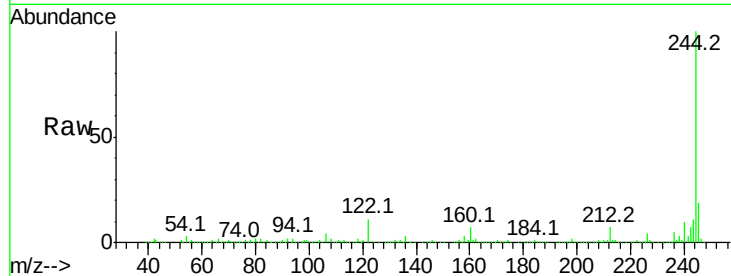
PB104481BS

Tot Ion:	244	Resp:	699574
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.1	11.0	16.4

Manual Integrations
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Sohil

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#79

Butylbenzylphthalate

Concen: 44.391 ng

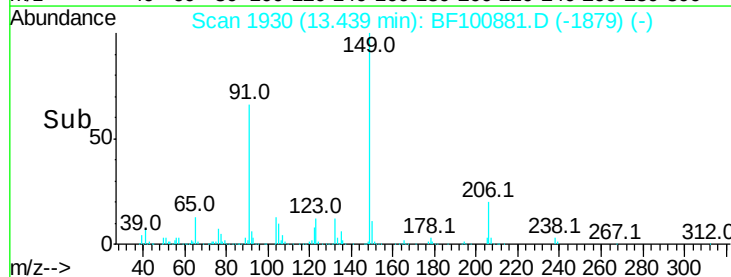
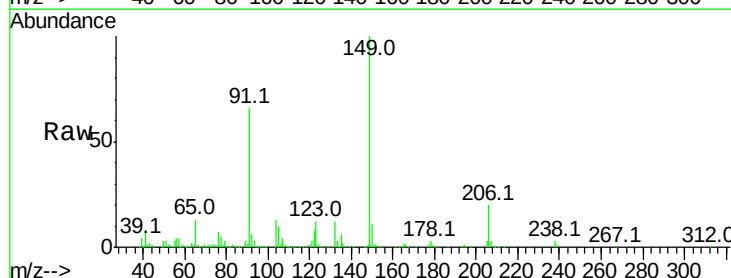
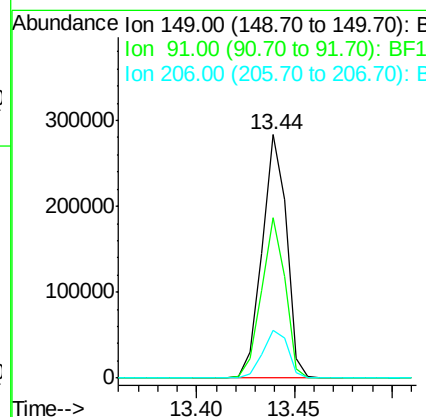
RT: 13.44 min Scan# 1930

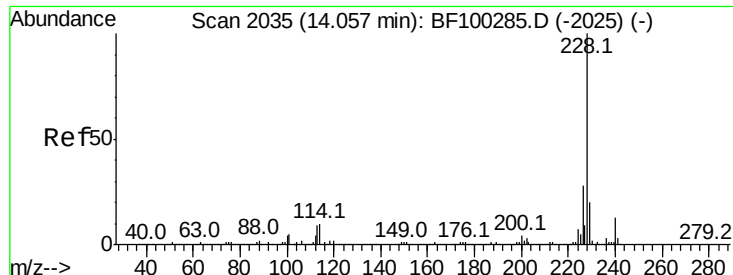
Delta R.T. 0.00 min

Lab File: BF100881.D

Acq: 27 Nov 2017 10:24

Tgt Ion:	149	Resp:	244028
Ion Ratio	Lower	Upper	
149	100		
91	65.8	56.8	85.2
206	19.5	14.1	21.1





#80
Benzo(a)anthracene
Concen: 40.674 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

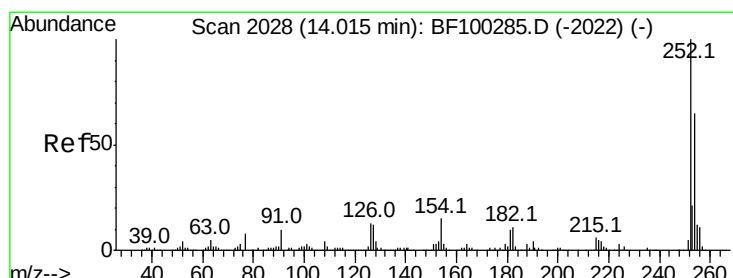
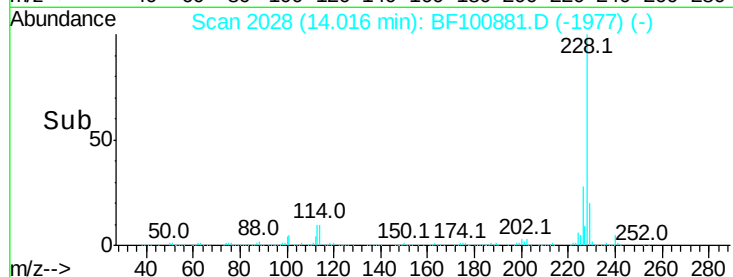
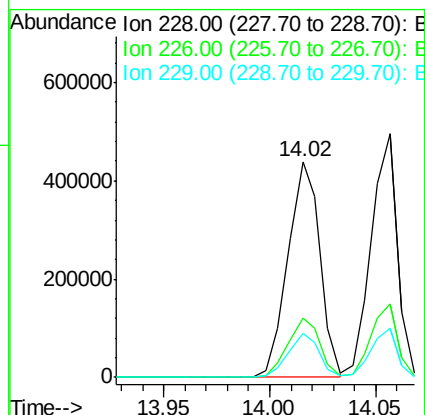
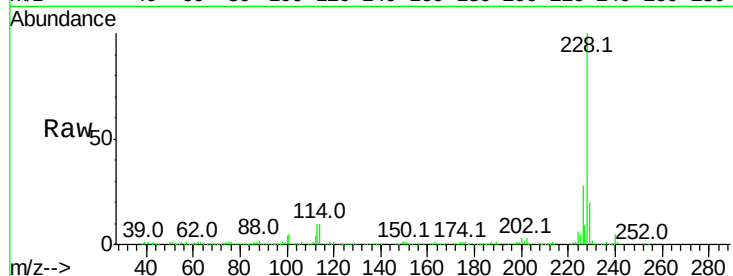
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion:	228	Resp:	463170
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.3	15.8	23.6

Manual Integrations
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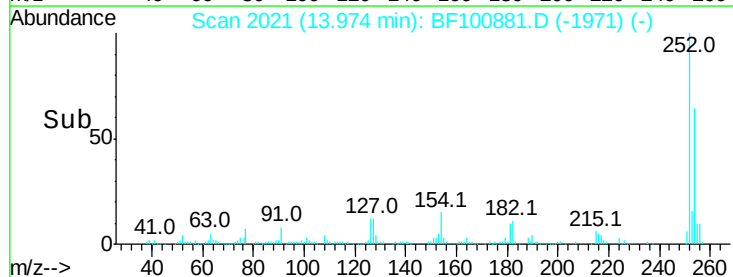
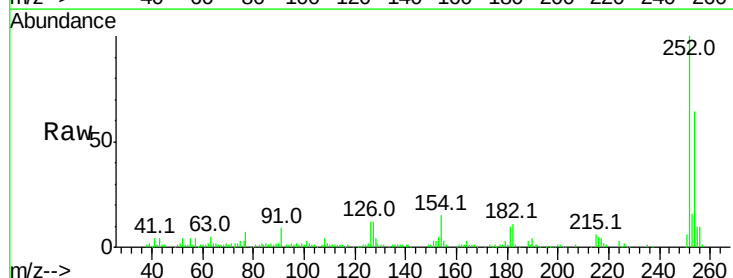
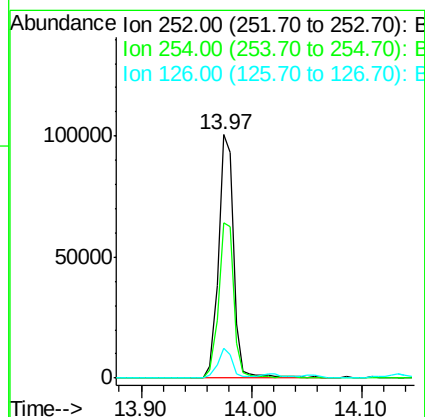
Sohil

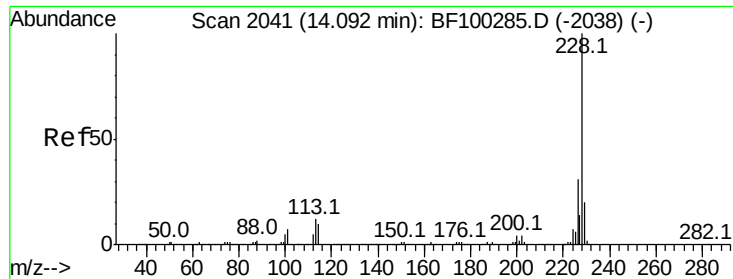
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#81
3,3'-Dichlorobenzidine
Concen: 23.653 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion:	252	Resp:	96505
Ion Ratio	Lower	Upper	
252	100		
254	63.7	50.4	75.6
126	12.4	11.3	16.9





#82
 Chrysene
 Concen: 39.178 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

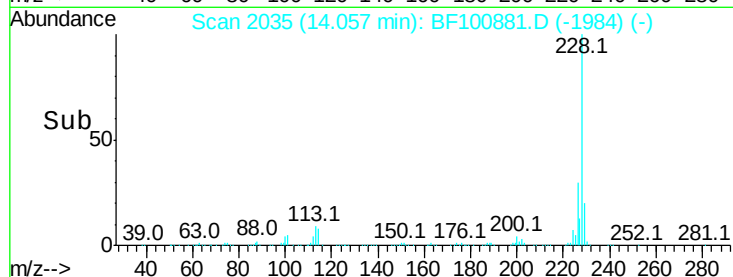
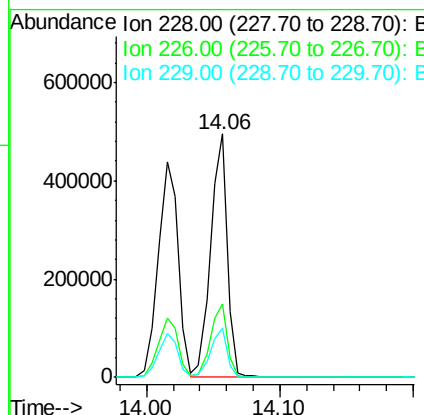
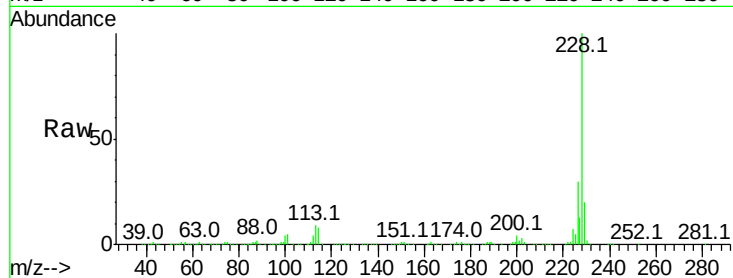
Instrument :
 BNA_F
 ClientSampleId :
 PB104481BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	20.1	16.2	24.4

Manual Integrations
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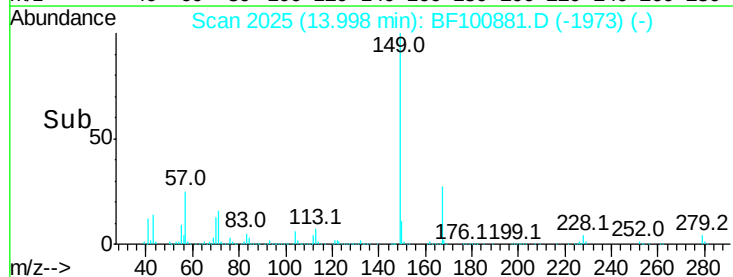
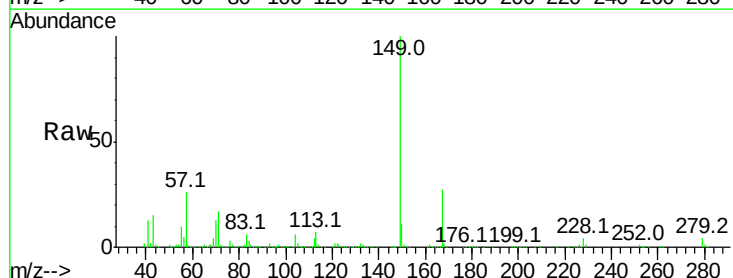
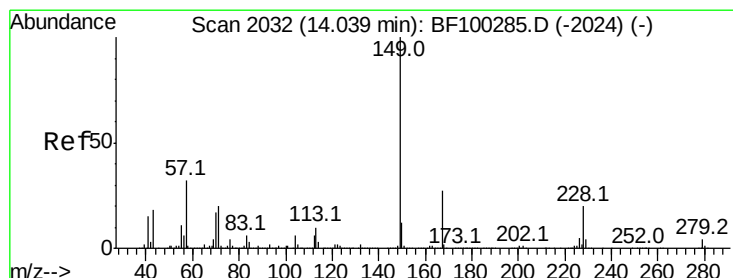
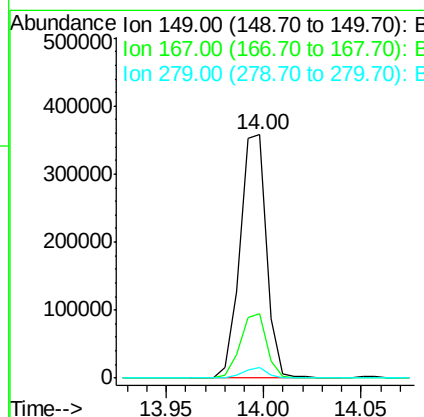
Sohil

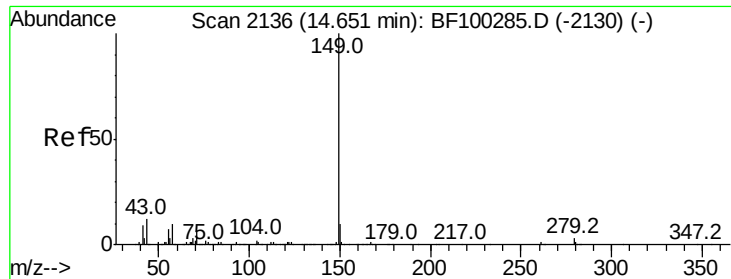
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.312 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF100881.D
 Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.3	3.0	4.4





#84
Di-n-octyl phthalate
Concen: 41.123 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

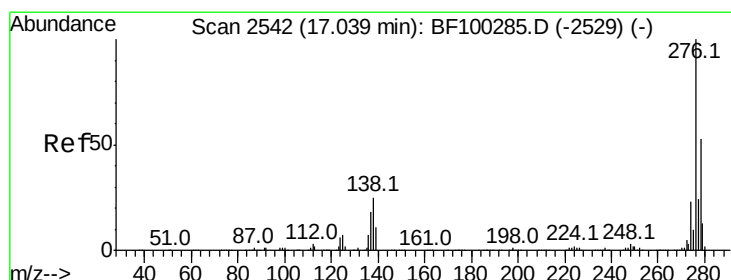
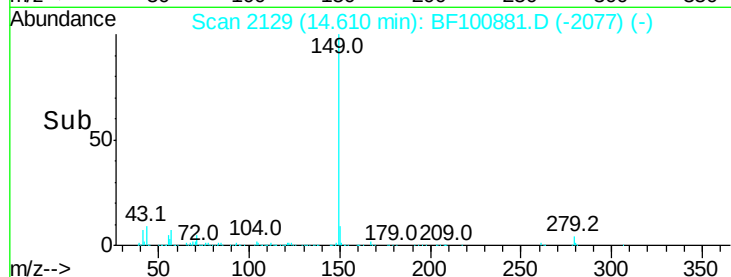
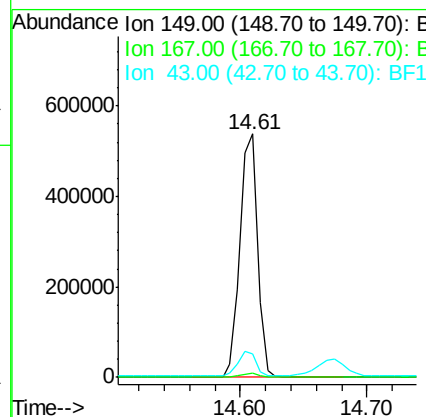
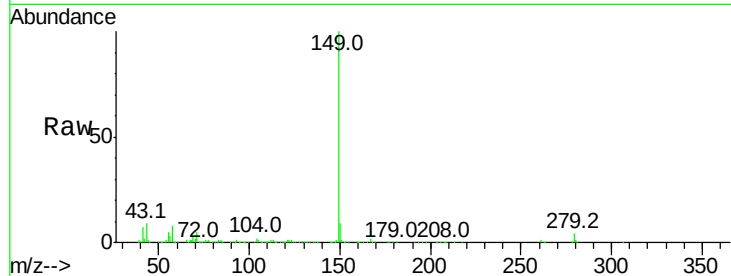
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	510779		
167	1.7		1.2	1.8
43	10.1		8.4	12.6

Manual Integrations
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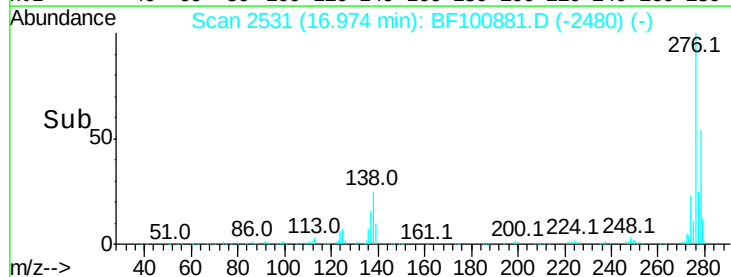
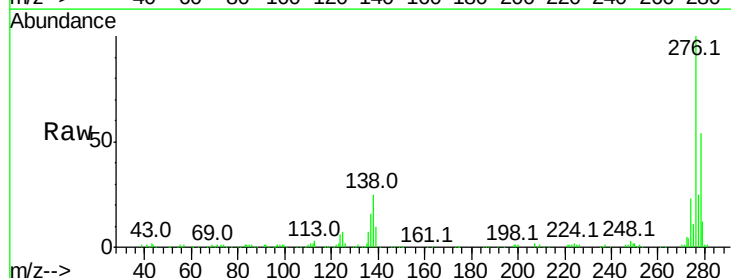
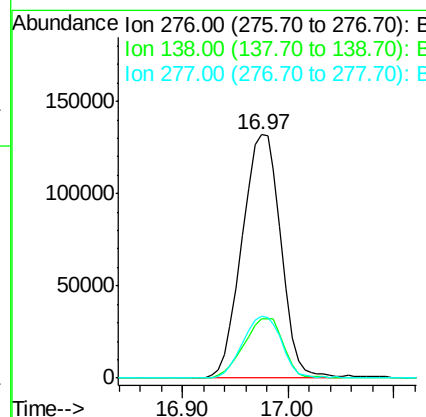
Sohil

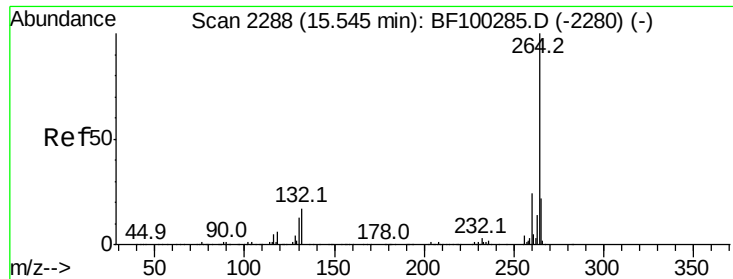
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#85
Indeno(1,2,3-cd)pyrene
Concen: 37.840 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	337513		
138	25.3		25.0	37.6
277	25.7		20.1	30.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

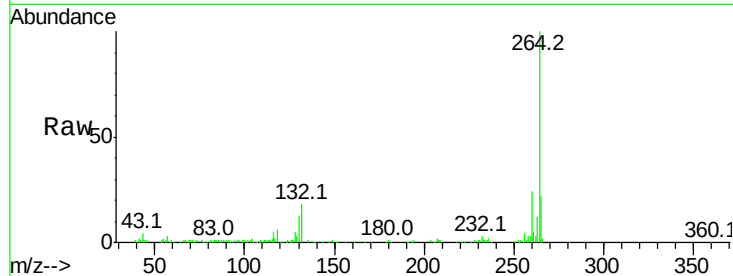
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	17.5	26.3

Manual Integrations
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Sohil

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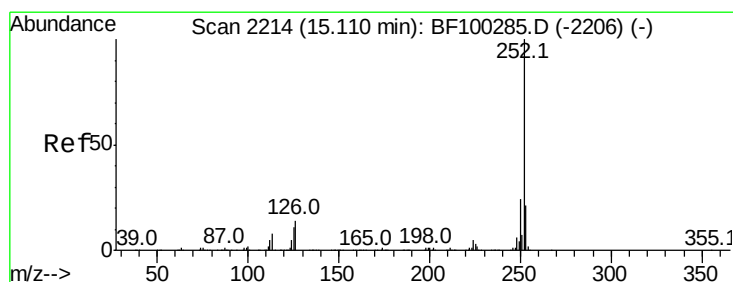
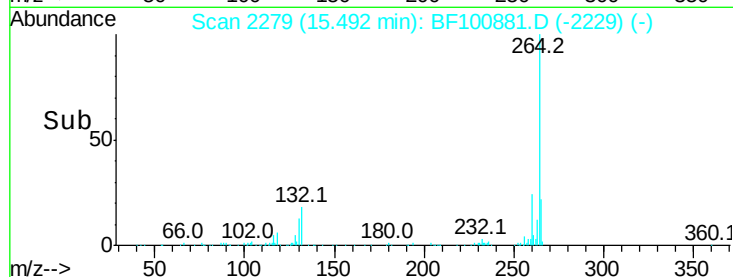
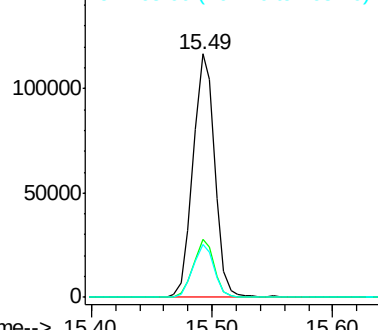


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 41.254 ng m
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

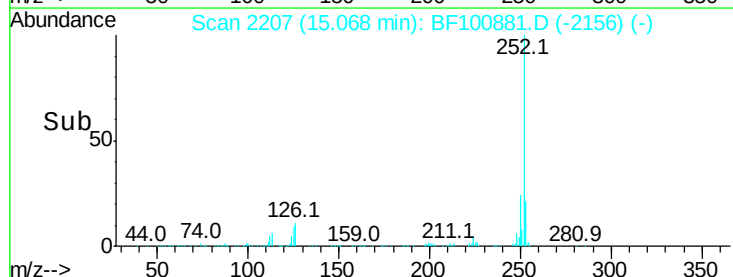
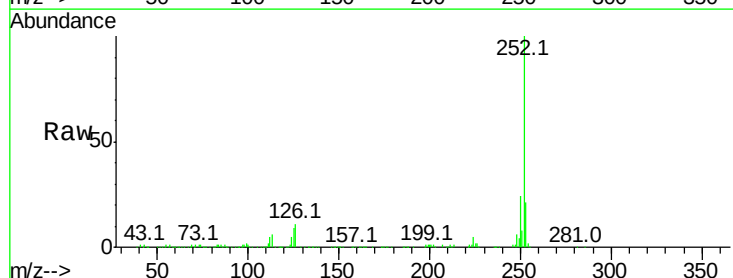
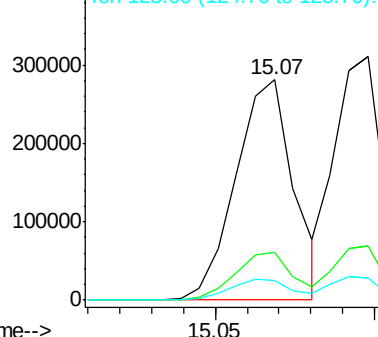
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	8.7	9.0	13.6#

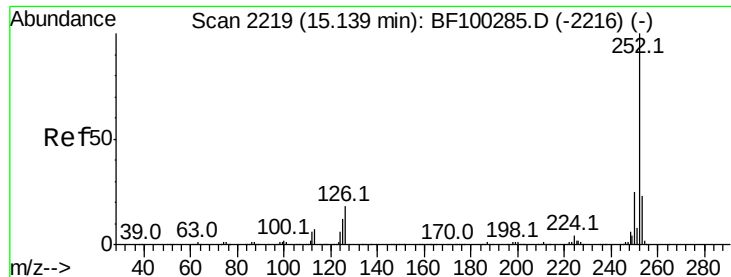
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88
Benzo(k)fluoranthene
Concen: 40.299 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

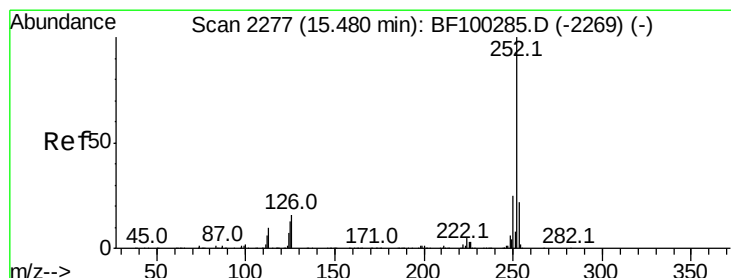
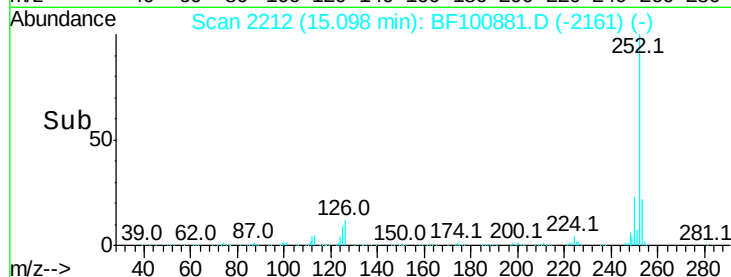
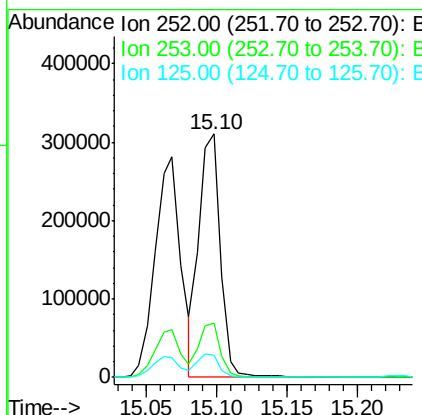
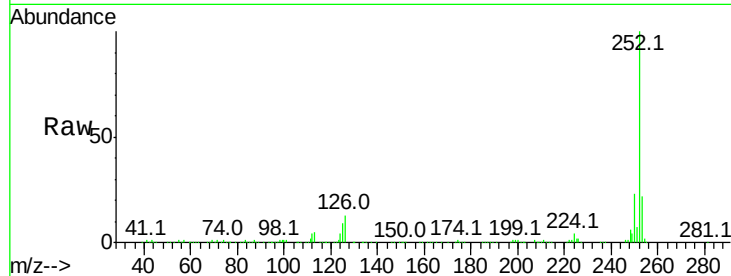
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	10.2	15.2

Manual Integrations
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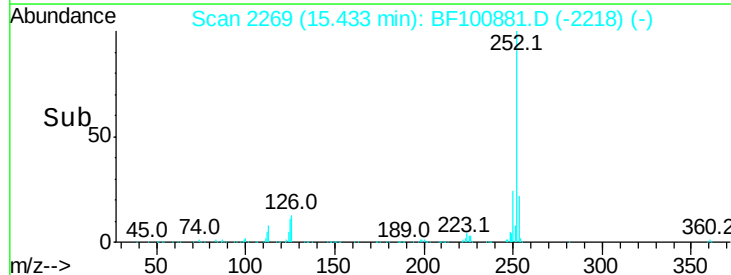
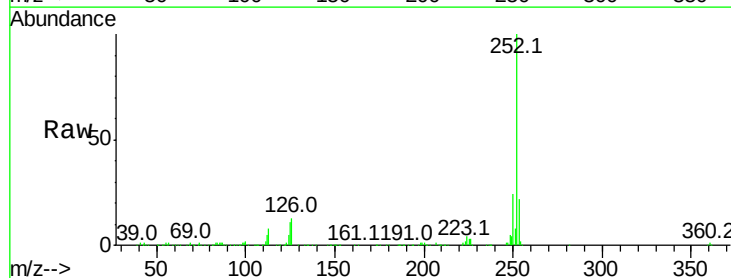
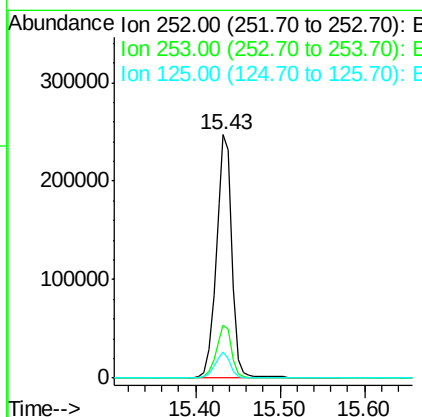
Sohil

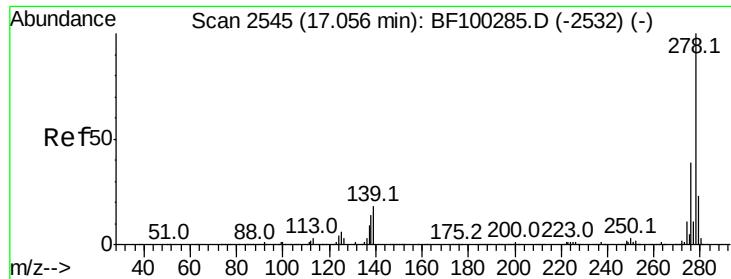
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#89
Benzo(a)pyrene
Concen: 42.105 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	10.8	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 44.867 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

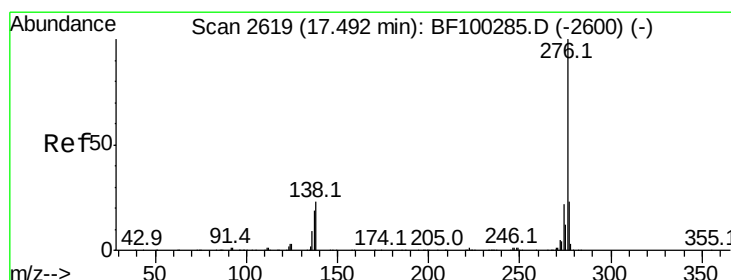
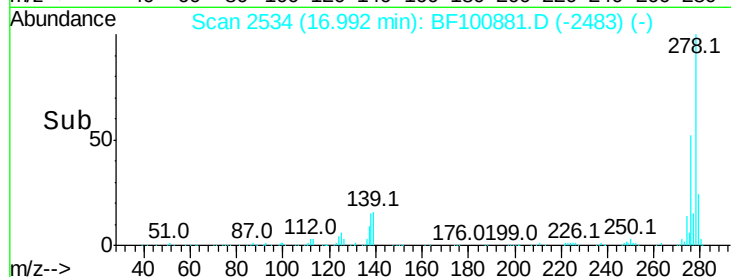
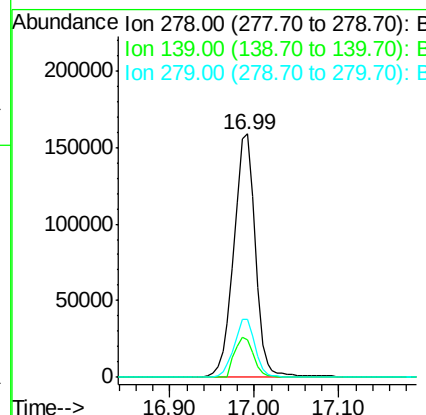
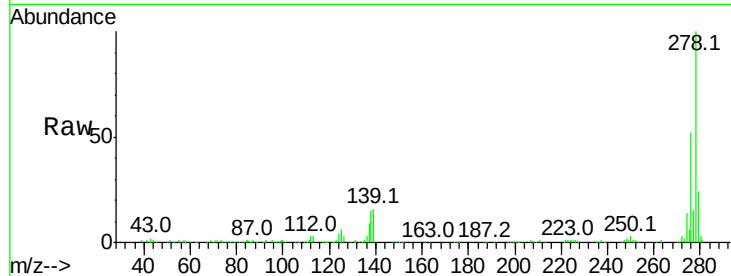
Instrument :
BNA_F
ClientSampleId :
PB104481BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	15.9	23.9#
279	23.6	19.0	28.4

Manual Integrations
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Sohil

11/28/2017 2:44:41 PM



#91
Benzo(g,h,i)perylene
Concen: 47.876 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF100881.D
Acq: 27 Nov 2017 10:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	21.2	21.8	32.8#

