

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112017\
 Data File : BF100731.D
 Acq On : 20 Nov 2017 15:37
 Operator : SJ/JU
 Sample : PB104346BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Manual Integrations
 APPROVED

SOHIL
 11/21/2017 2:15:17 PM

Quant Time: Nov 21 03:47:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	91975	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	370271	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	167185	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	317434	20.00	ng	0.00
75) Chrysene-d12	14.03	240	171249	20.00	ng	-0.01
86) Perylene-d12	15.50	264	193530	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	729693	127.17	ng	0.01
7) Phenol-d6	6.51	99	879326	124.28	ng	0.00
23) Nitrobenzene-d5	7.44	82	562718	100.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	235286	138.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1122966	102.28	ng	0.00
78) Terphenyl-d14	12.98	244	929148	124.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	104319	37.308	ng	97
3) Pyridine	3.50	79	308204	40.401	ng	96
4) n-Nitrosodimethylamine	3.47	42	144668	39.059	ng	# 97
6) Aniline	6.54	93	304654	30.478	ng	99
8) 2-Chlorophenol	6.66	128	296786	48.894	ng	95
9) Benzaldehyde	6.42	77	101521	20.092	ng	98
10) Phenol	6.52	94	360682	48.559	ng	99
11) bis(2-Chloroethyl)ether	6.61	93	270591	43.372	ng	95
12) 1,3-Dichlorobenzene	6.82	146	334003	47.727	ng	98
13) 1,4-Dichlorobenzene	6.89	146	338697	47.818	ng	96
14) 1,2-Dichlorobenzene	7.05	146	315099	48.115	ng	97
15) Benzyl Alcohol	7.02	79	250136	45.298	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	476381	47.741	ng	99
17) 2-Methylphenol	7.12	107	254058	48.978	ng	98
18) Hexachloroethane	7.39	117	113296	48.513	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	202994	41.370	ng	96
20) 3+4-Methylphenols	7.27	107	302272	46.050	ng	# 87
22) Acetophenone	7.29	105	393742	43.609	ng	# 98
24) Nitrobenzene	7.46	77	300211	52.080	ng	97
25) Isophorone	7.70	82	556330	47.270	ng	99
26) 2-Nitrophenol	7.77	139	168919	60.876	ng	93
27) 2,4-Dimethylphenol	7.80	122	279318	52.943	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	352139	45.742	ng	100
29) 2,4-Dichlorophenol	8.01	162	261541	51.928	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	279465	51.296	ng	97
31) Naphthalene	8.18	128	861526	48.307	ng	99
32) Benzoic acid	7.92	122	93118	27.920	ng	96
33) 4-Chloroaniline	8.22	127	176588	23.788	ng	98
34) Hexachlorobutadiene	8.29	225	158133	48.818	ng	97
35) Caprolactam	8.60	113	73095m	42.289	ng	
36) 4-Chloro-3-methylphenol	8.70	107	258016	47.699	ng	98
37) 2-Methylnaphthalene	8.87	142	587148	49.589	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	272563	49.157	ng	97
40) Hexachlorocyclopentadiene	9.02	237	261175	100.082	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	194427	55.327	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	198102	54.410	ng	94
45) 1,1'-Biphenyl	9.33	154	690816	47.775	ng	98
46) 2-Chloronaphthalene	9.36	162	546148	52.064	ng	95
47) 2-Nitroaniline	9.46	65	157949	50.786	ng	96
48) Acenaphthylene	9.77	152	828183	47.639	ng	100
49) Dimethylphthalate	9.63	163	617073	48.342	ng	99
50) 2,6-Dinitrotoluene	9.70	165	139686	55.284	ng	90
51) Acenaphthene	9.95	154	515957	48.800	ng	100
52) 3-Nitroaniline	9.86	138	99232	33.258	ng	99
53) 2,4-Dinitrophenol	9.97	184	69491	67.992	ng	# 17
54) Dibenzofuran	10.12	168	718964	48.518	ng	97
55) 4-Nitrophenol	10.03	139	199723	82.438	ng	93
56) 2,4-Dinitrotoluene	10.10	165	184452	57.866	ng	# 86
57) Fluorene	10.46	166	552097	50.858	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	155914	52.250	ng	# 84
59) Diethylphthalate	10.33	149	582236	45.580	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	267189	50.173	ng	93
61) 4-Nitroaniline	10.49	138	136946	48.405	ng	84
62) Azobenzene	10.61	77	527915	43.879	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	64178	41.463	ng	78
65) n-Nitrosodiphenylamine	10.57	169	517159	46.855	ng	96
66) 4-Bromophenyl-phenylether	10.94	248	173340	50.940	ng	90
67) Hexachlorobenzene	11.01	284	181366	50.960	ng	# 86
68) Atrazine	11.10	200	160467	48.028	ng	96
69) Pentachlorophenol	11.20	266	169101	66.263	ng	98
70) Phenanthrene	11.43	178	803153	48.055	ng	99
71) Anthracene	11.47	178	834799	49.232	ng	100
72) Carbazole	11.63	167	704501	45.028	ng	99
73) Di-n-butylphthalate	11.95	149	885826	48.381	ng	99
74) Fluoranthene	12.61	202	770896	43.522	ng	98
76) Benzidine	12.73	184	270499	39.442	ng	97
77) Pyrene	12.84	202	757771	62.075	ng	98
79) Butylbenzylphthalate	13.45	149	286834	57.617	ng	91
80) Benzo(a)anthracene	14.03	228	530337	51.426	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	129257	34.983	ng	# 96
82) Chrysene	14.06	228	484523	48.519	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	357899	54.660	ng	98
84) Di-n-octyl phthalate	14.62	149	539981	48.005	ng	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	656467	81.272	ng	95
87) Benzo(b)fluoranthene	15.07	252	544550	47.494	ng	99
88) Benzo(k)fluoranthene	15.10	252	470825	43.461	ng	98
89) Benzo(a)pyrene	15.44	252	515511	50.716	ng	99
90) Dibenzo(a,h)anthracene	17.01	278	542382	65.247	ng	97
91) Benzo(g,h,i)perylene	17.44	276	570507	70.110	ng	94

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

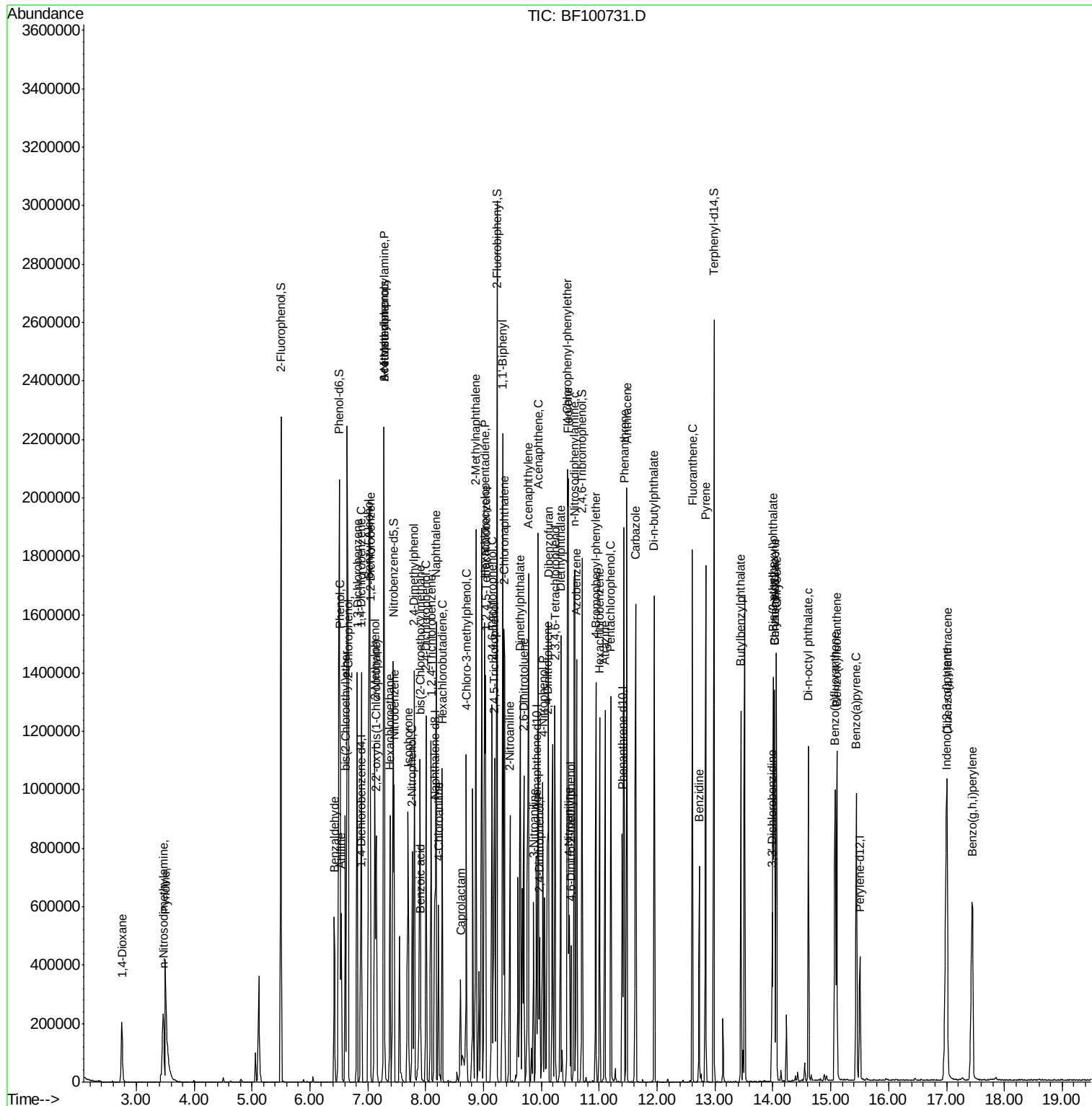
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Operator  : SJ/JU  
Sample    : PB104346BS  
Misc      :  
ALS Vial  : 8      Sample Multiplier: 1
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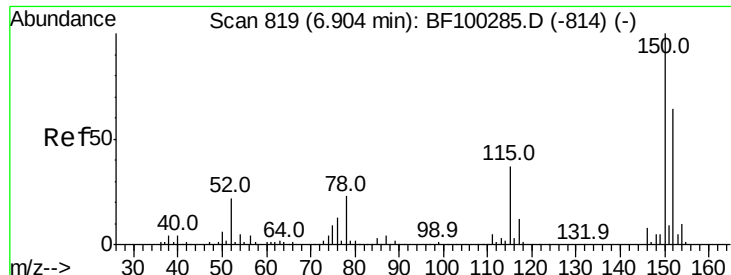
Instrument :
BNA_F
ClientSampleId :
PB104346BS

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#1

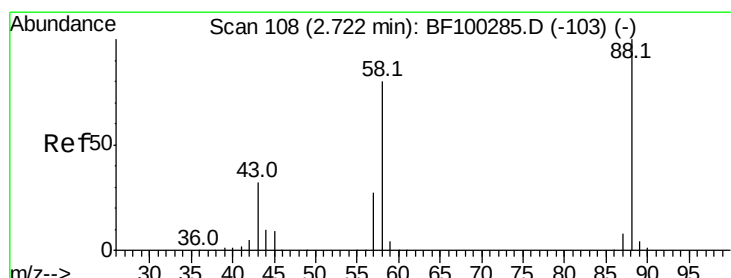
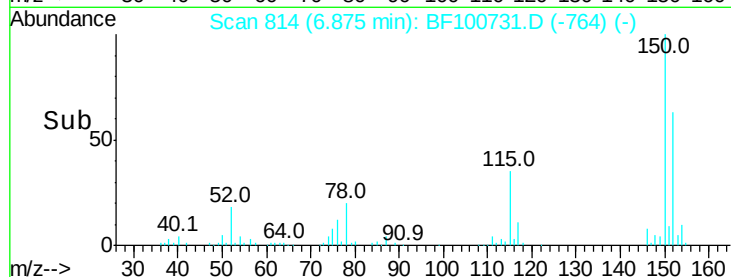
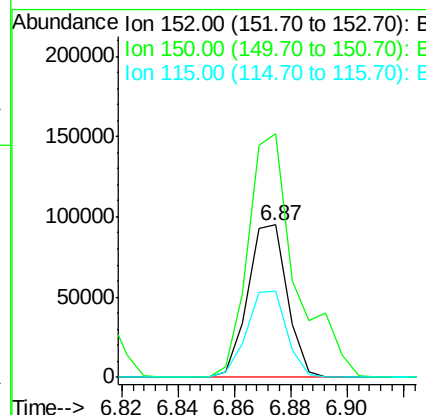
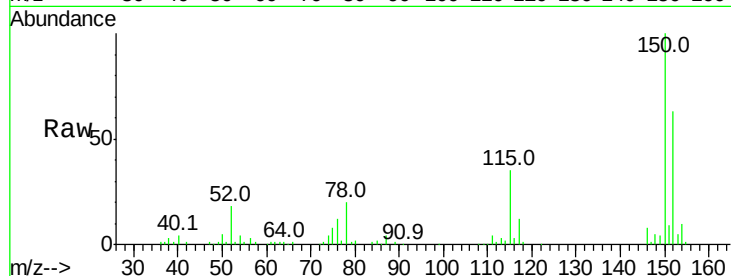
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	56.5	50.1	75.1

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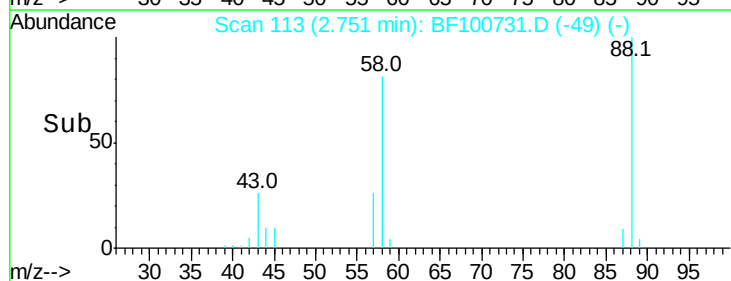
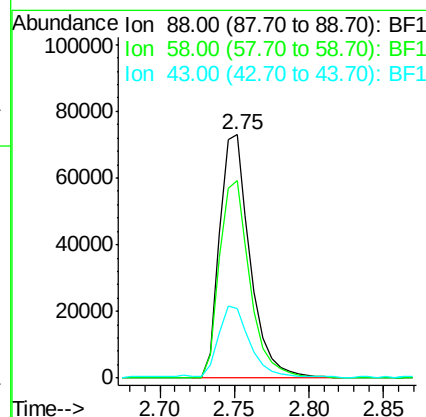
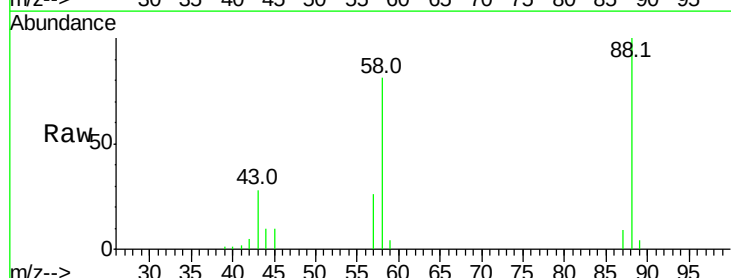
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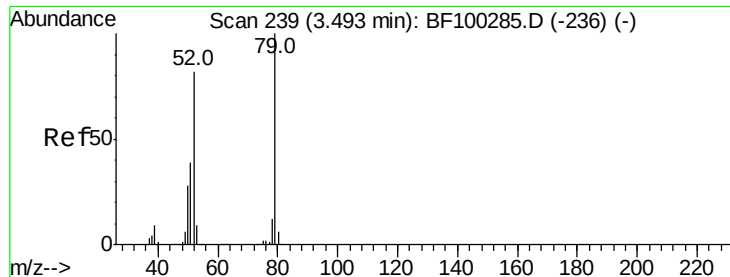


#2

1,4-Dioxane
Concen: 37.308 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.6	93.8
43	31.4	24.6	37.0





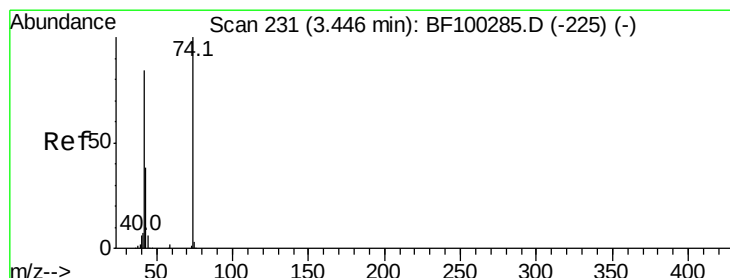
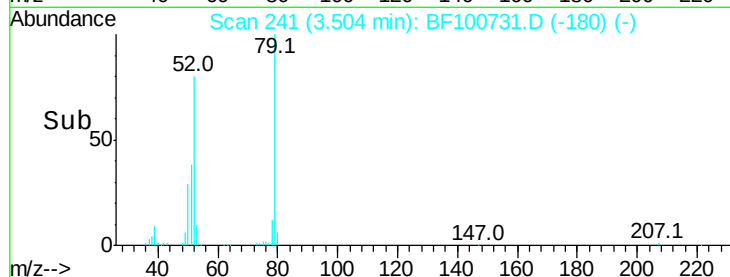
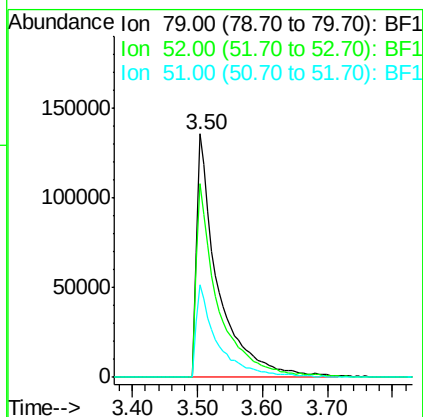
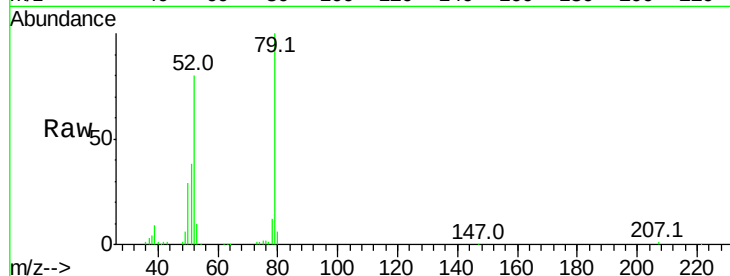
#3
 Pvridine
 Concen: 40.401 ng
 RT: 3.50 min Scan# 241
 Delta R.T. 0.06 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.8	59.8	89.6
51	37.9	29.8	44.8

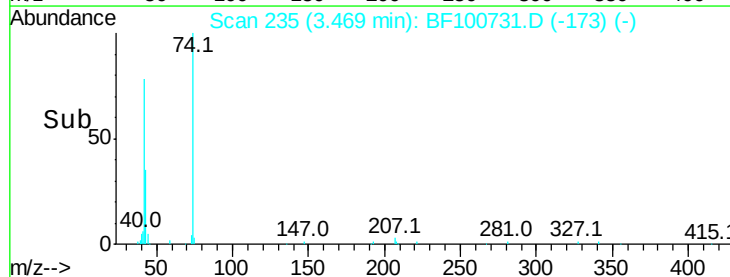
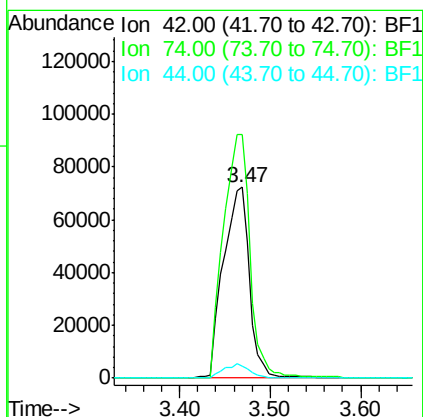
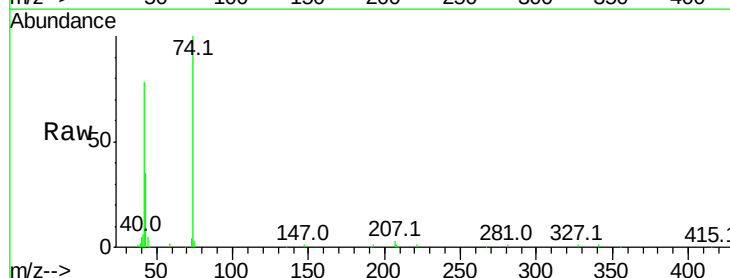
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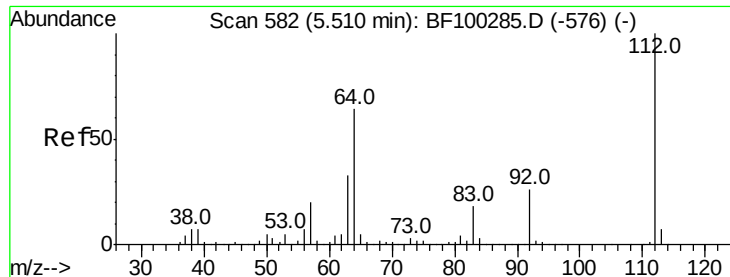
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#4
 n-Nitrosodimethylamine
 Concen: 39.059 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.06 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.4	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 127.175 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

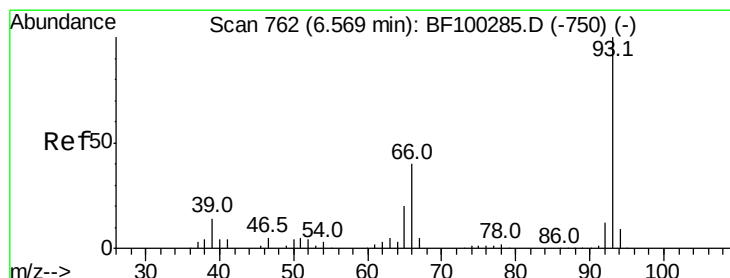
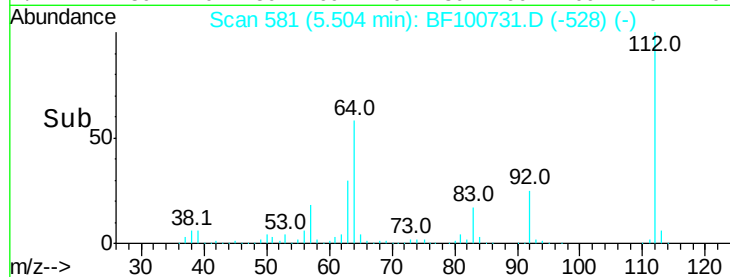
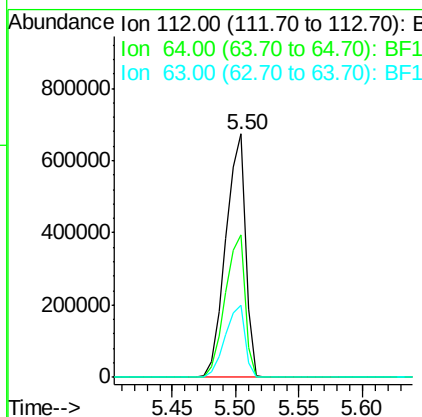
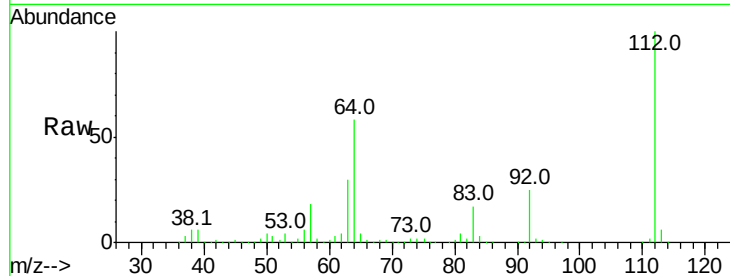
ClientSampleId :

PB104346BS

Tot Ion:	112	Resp:	729693
Ion Ratio	Lower	Upper	
112	100		
64	58.4	47.9	71.9
63	29.6	23.7	35.5

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#6

Aniline

Concen: 30.478 ng

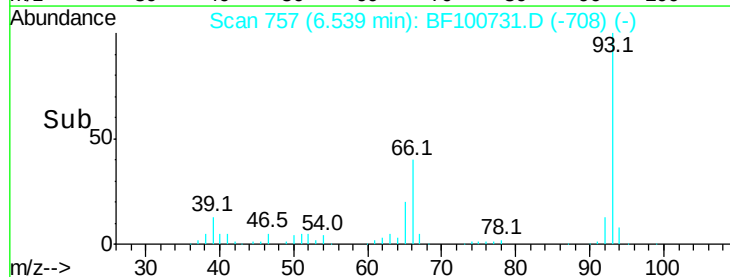
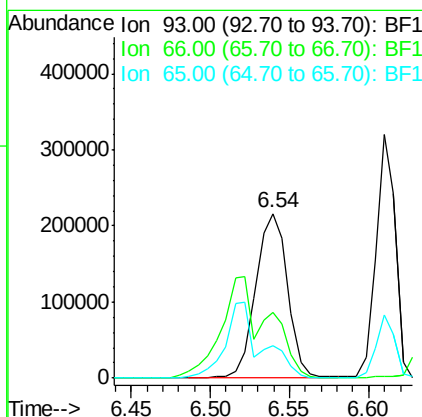
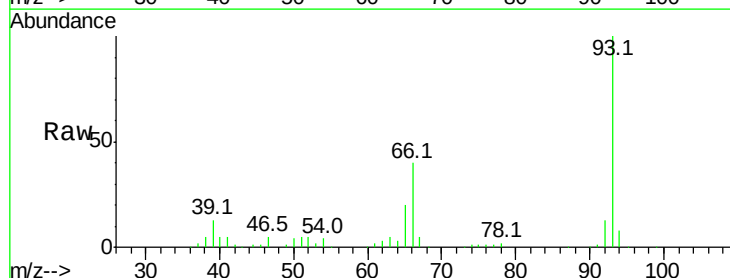
RT: 6.54 min Scan# 757

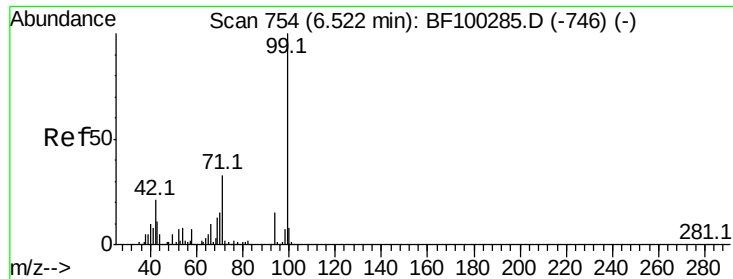
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	93	Resp:	304654
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.2	48.2
65	19.5	16.4	24.6





#7

Phenol-d6

Concen: 124.280 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

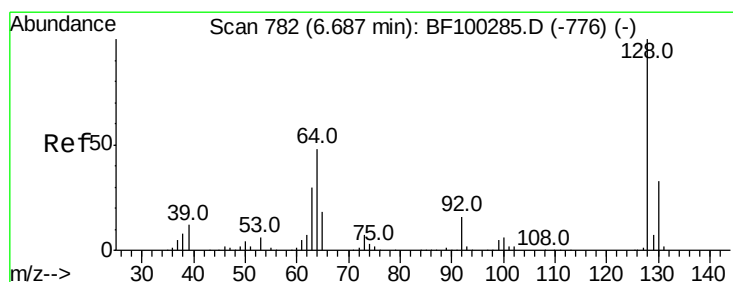
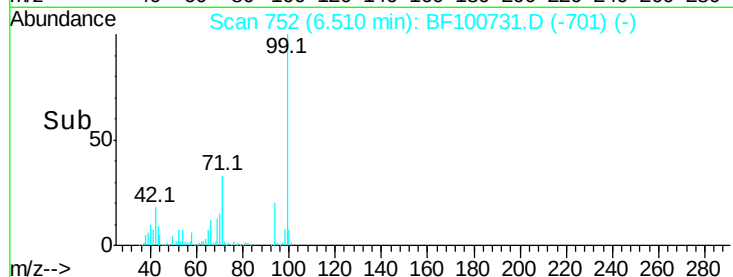
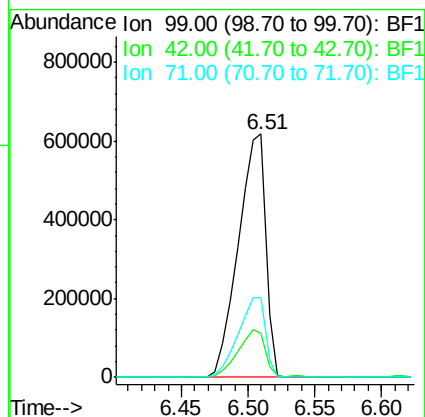
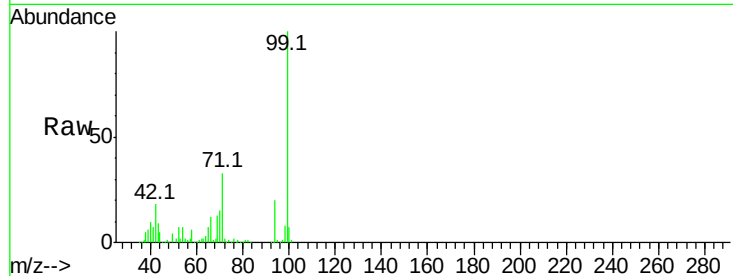
ClientSampleId :

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Tot Ion:	99	Resp:	879326
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.5	21.7
71	32.8	25.4	38.0

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#8

2-Chlorophenol

Concen: 48.894 ng

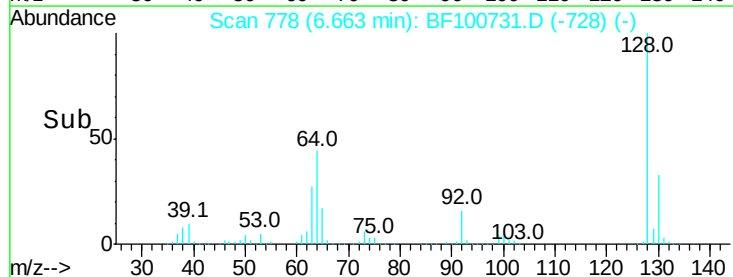
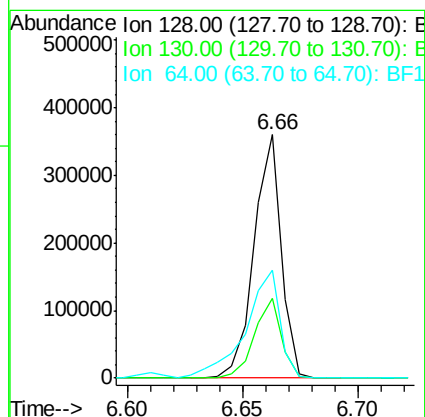
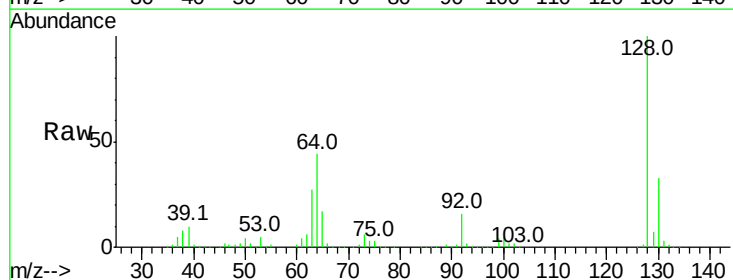
RT: 6.66 min Scan# 778

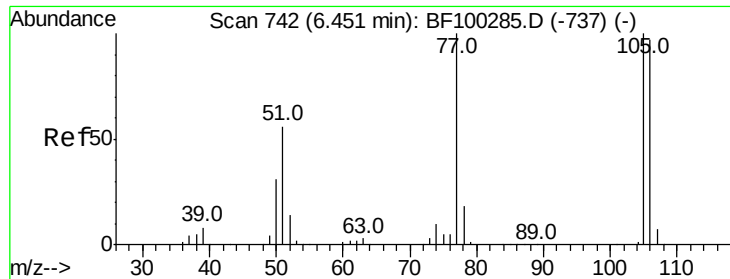
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	128	Resp:	296786
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	44.4	29.4	69.4





#9

Benzaldehyde

Concen: 20.092 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

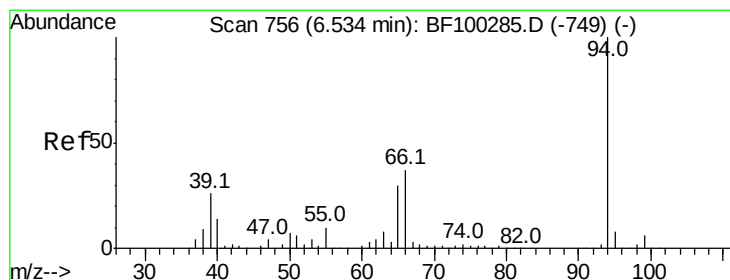
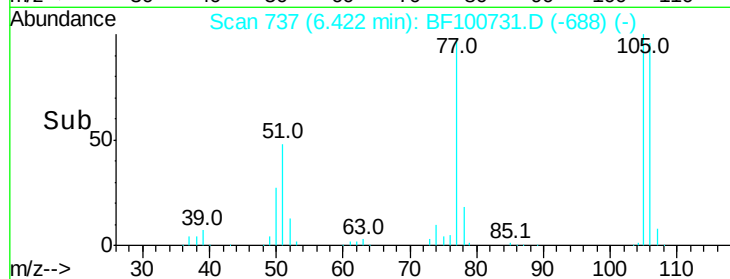
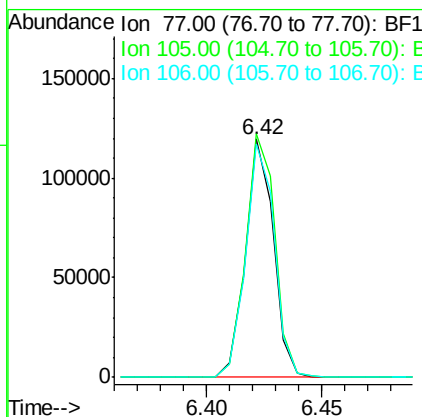
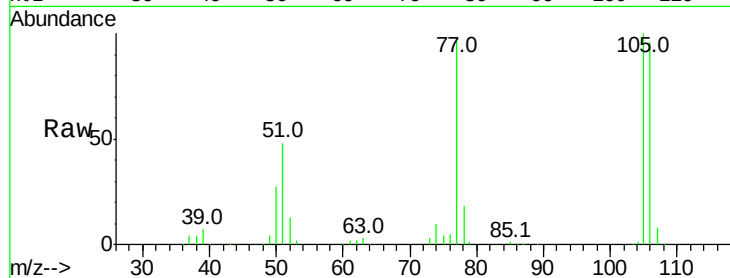
ClientSampleId :

PB104346BS

Tot Ion:	77	Resp:	101521
Ion Ratio	Lower	Upper	
77	100		
105	102.2	81.1	121.1
106	97.8	74.5	114.5

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#10

Phenol

Concen: 48.559 ng

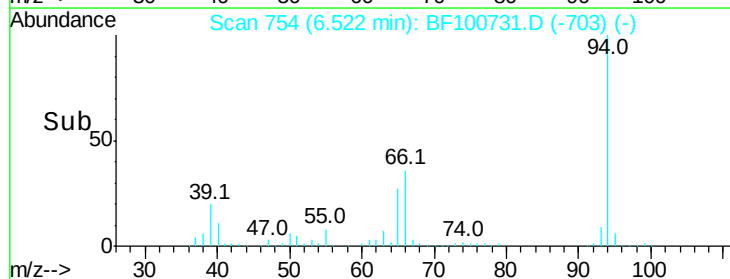
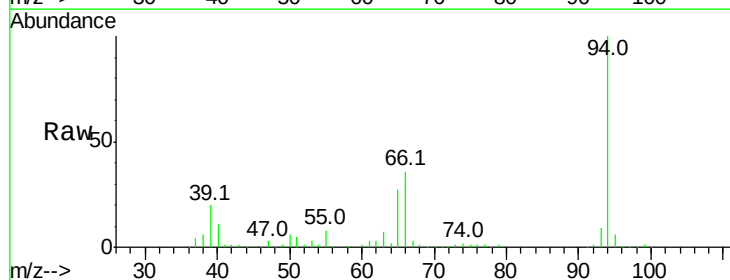
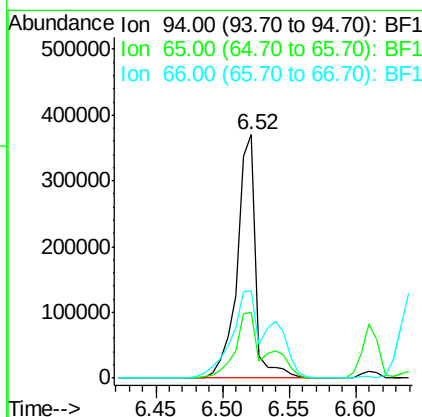
RT: 6.52 min Scan# 754

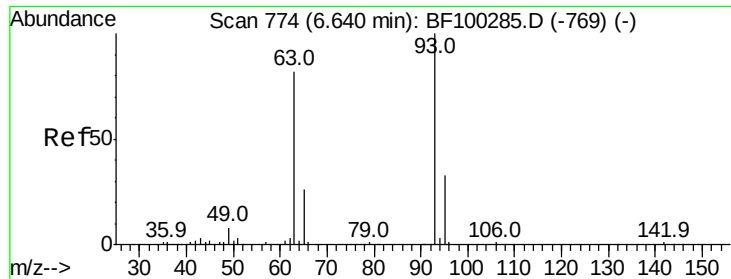
Delta R.T. -0.00 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	94	Resp:	360682
Ion Ratio	Lower	Upper	
94	100		
65	26.9	7.9	47.9
66	35.9	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.372 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

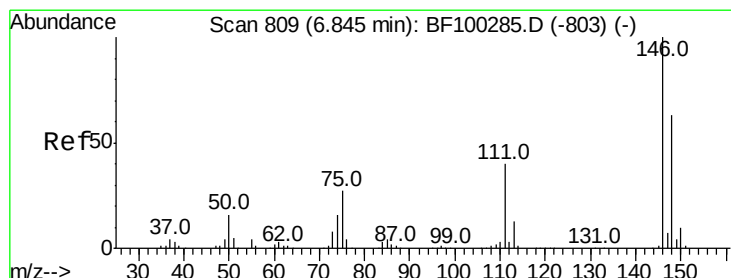
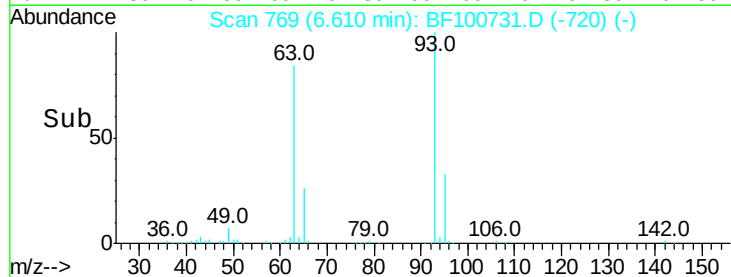
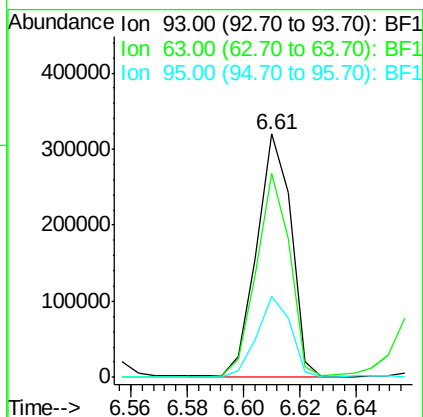
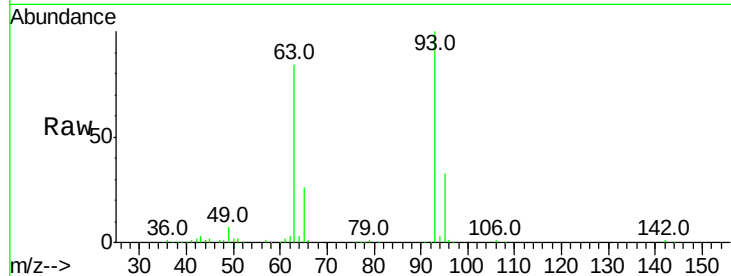
ClientSampleId :

PB104346BS

Tot Ion:	93	Resp:	270591
Ion Ratio	Lower	Upper	
93	100		
63	84.0	58.6	98.6
95	33.1	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 47.727 ng

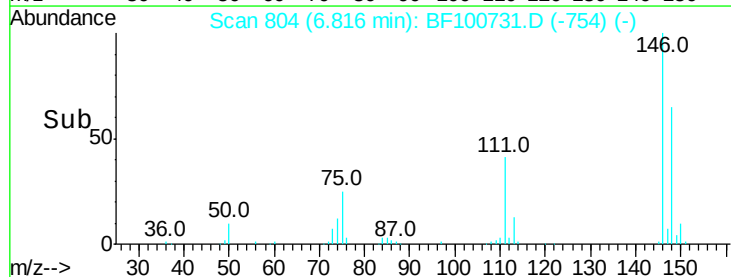
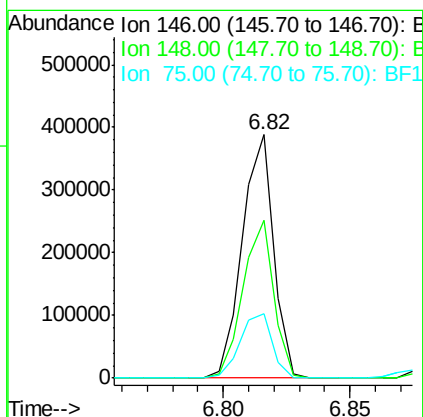
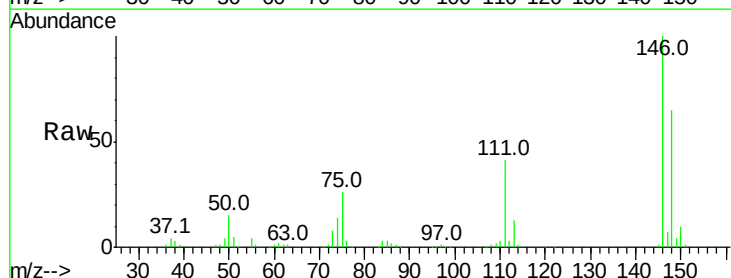
RT: 6.82 min Scan# 804

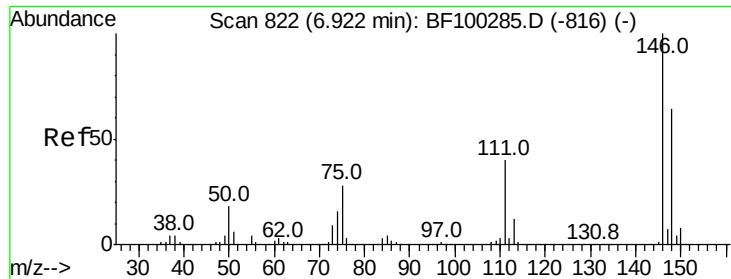
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	146	Resp:	334003
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.8
75	26.2	24.2	36.4





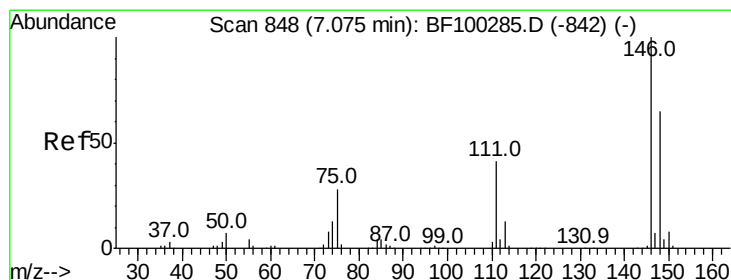
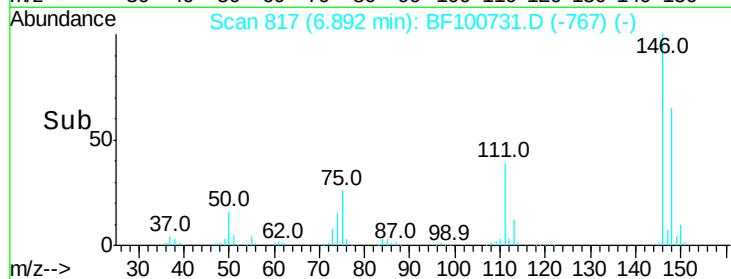
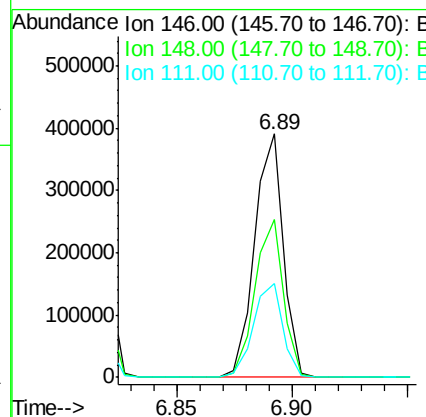
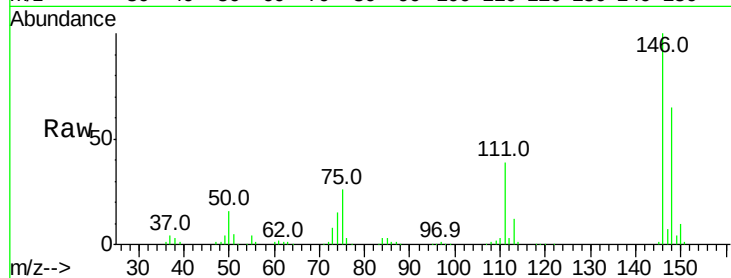
#13
1,4-Dichlorobenzene
Concen: 47.818 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampled :
PB104346BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	38.8	34.2	51.2

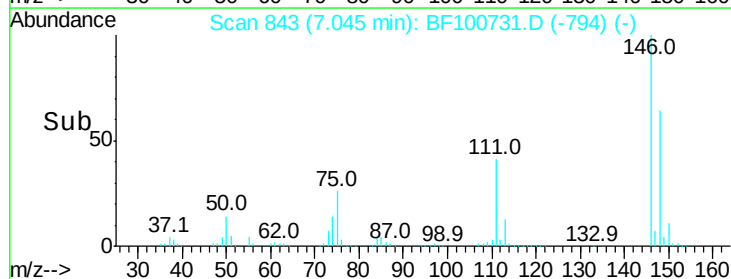
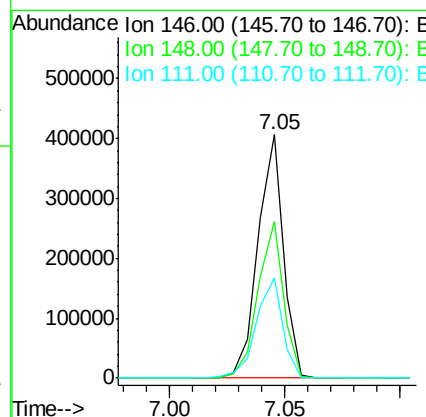
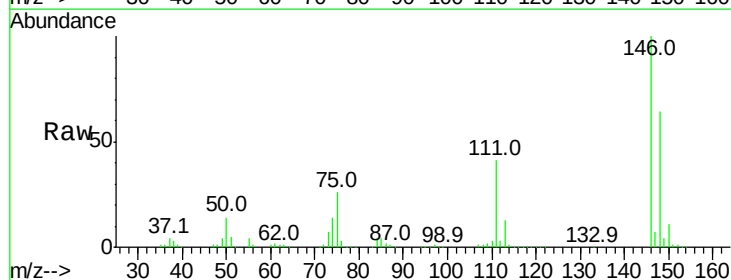
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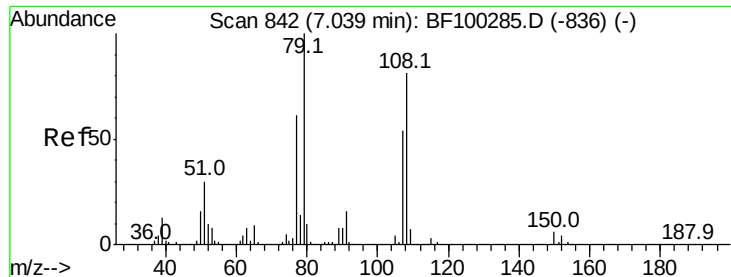
SOHIL
11/21/2017 2:15:17 PM



#14
1,2-Dichlorobenzene
Concen: 48.115 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	41.4	36.0	54.0





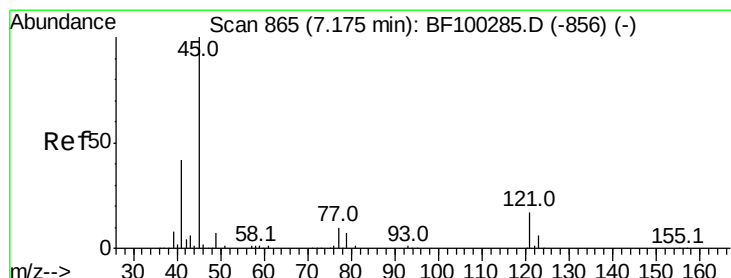
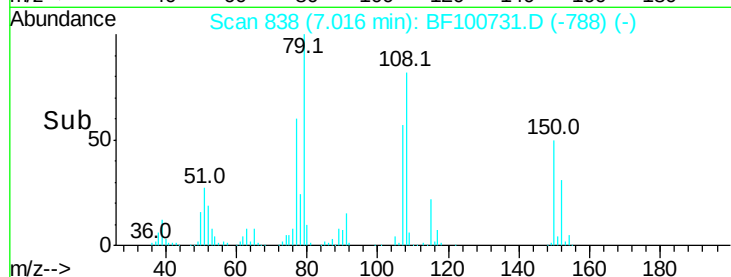
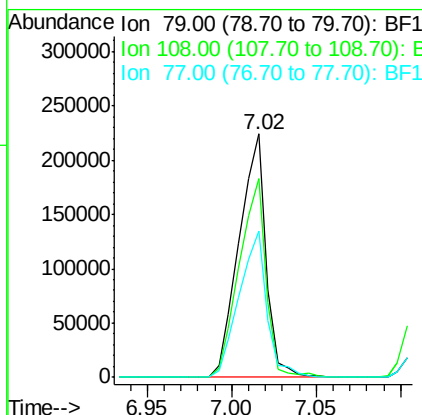
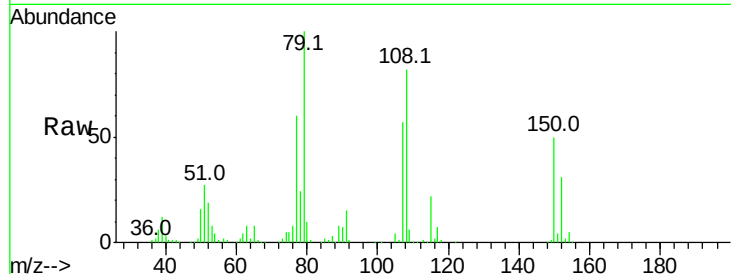
#15
Benzyl Alcohol
Concen: 45.298 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.1	97.7
77	59.9	50.6	75.8

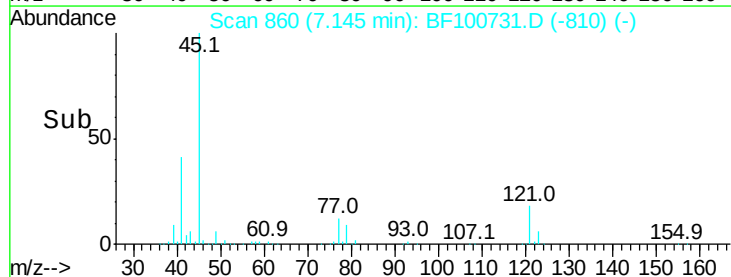
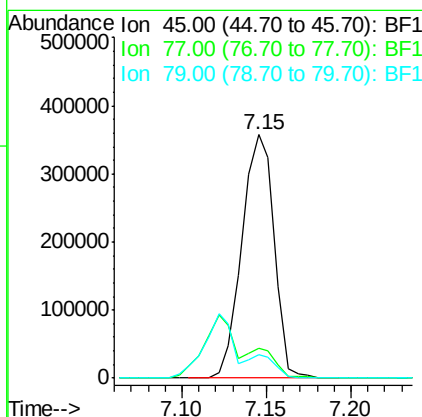
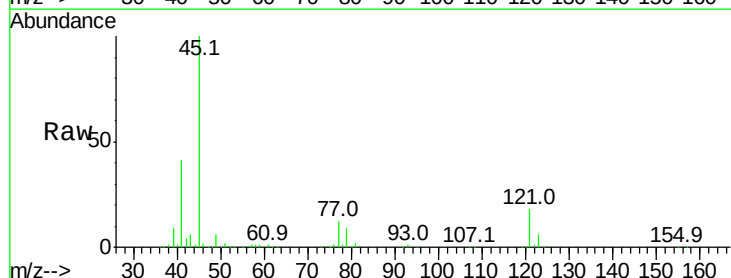
Manual Integrations
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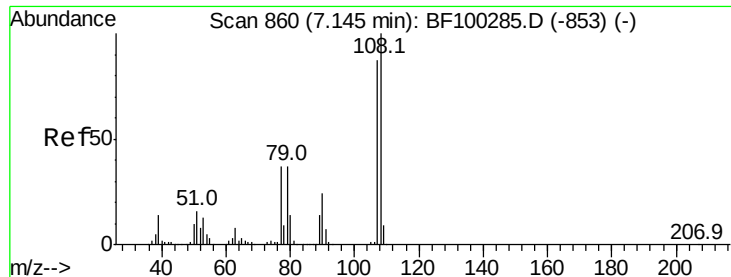
SOHIL
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.741 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.9
79	9.5	0.0	29.6





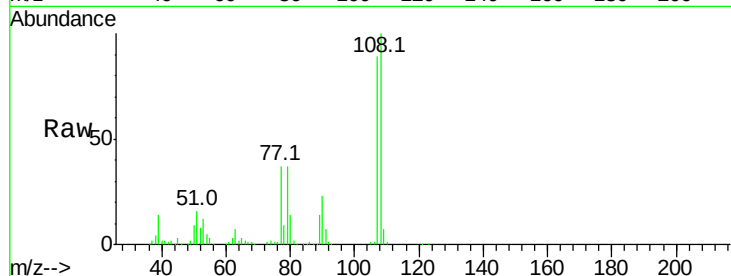
#17
2-Methylphenol
Concen: 48.978 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

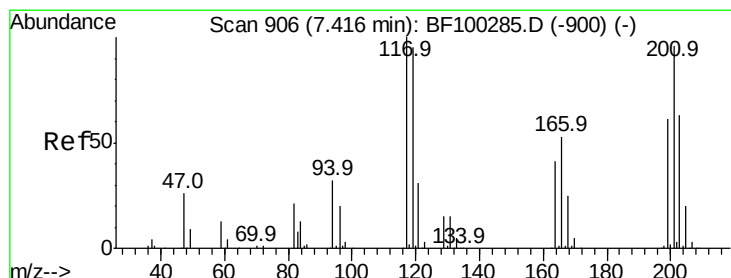
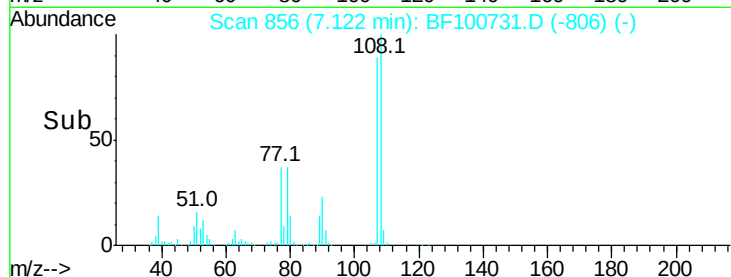
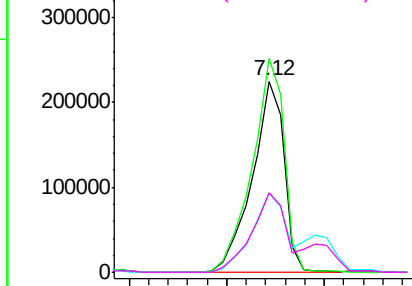
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	91.7	137.5	
77	41.5	33.8	50.8	
79	41.8	33.8	50.8	

Manual Integrations
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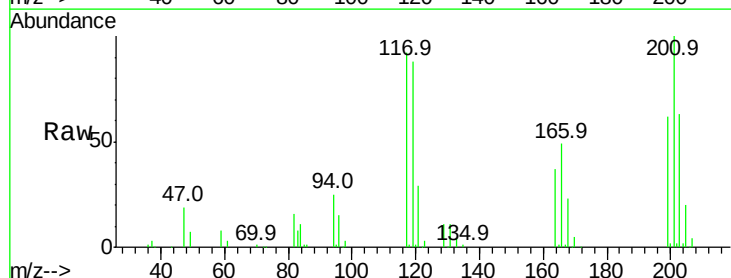


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

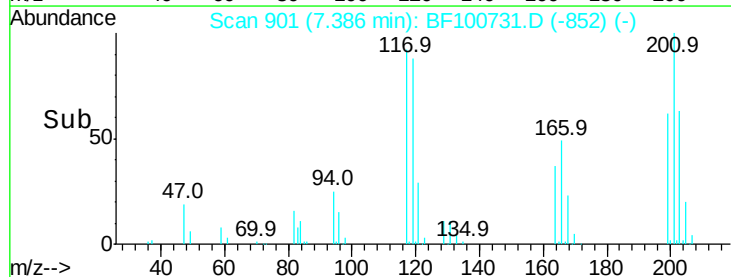
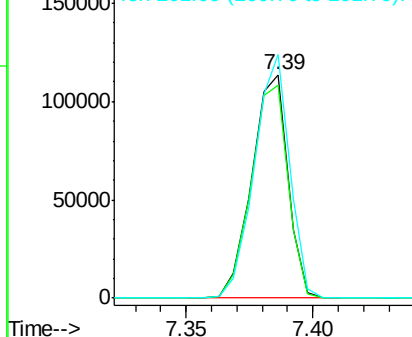


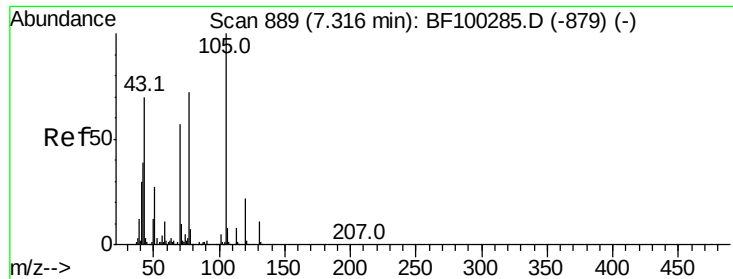
#18
Hexachloroethane
Concen: 48.513 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.8	113.8	
201	108.9	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





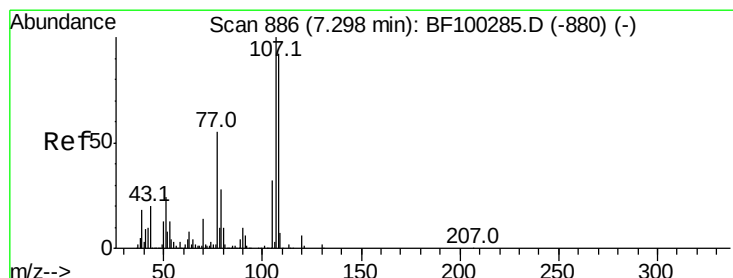
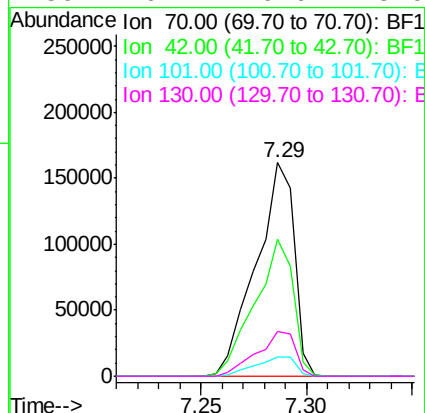
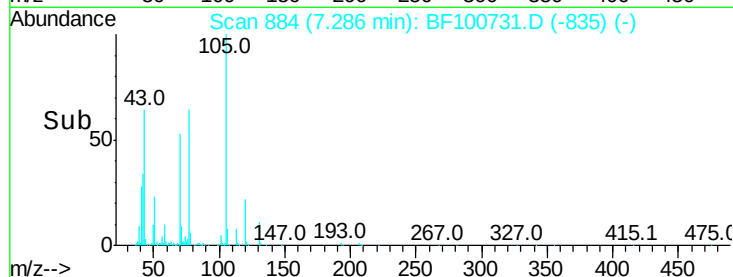
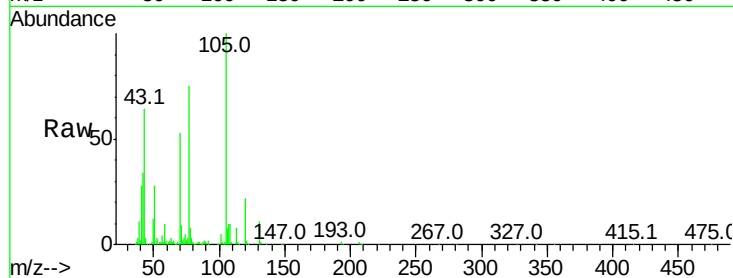
#19
n-Nitroso-di-n-propylamine
Concen: 41.370 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	47.5	71.3
101	9.2	7.4	11.2
130	20.7	16.6	25.0

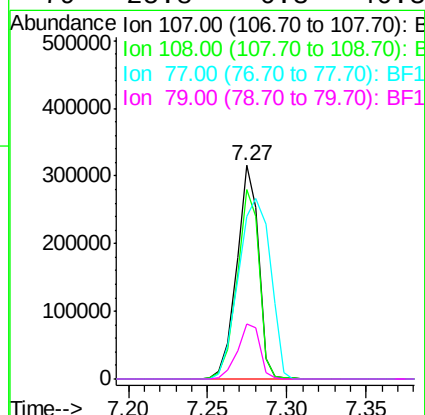
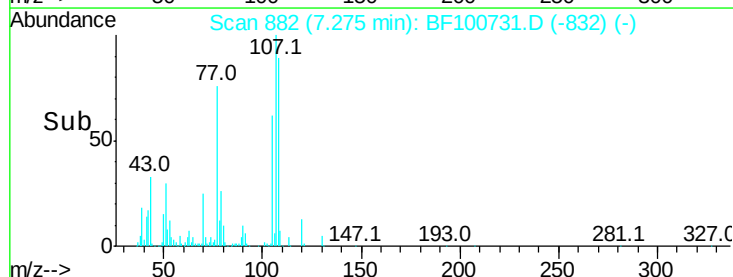
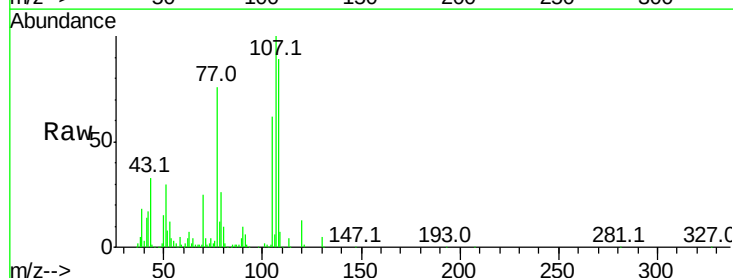
Manual Integrations
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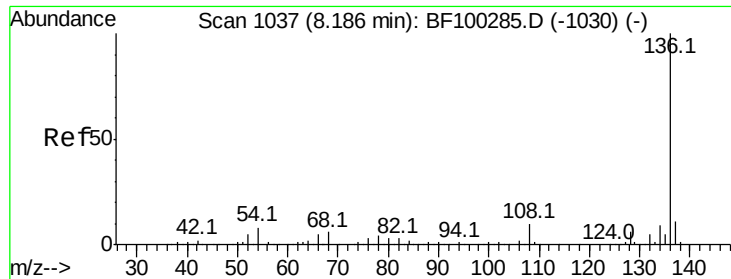
SOHIL
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#20
3+4-Methylphenols
Concen: 46.050 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	76.3	26.7	66.7#
79	25.8	6.3	46.3





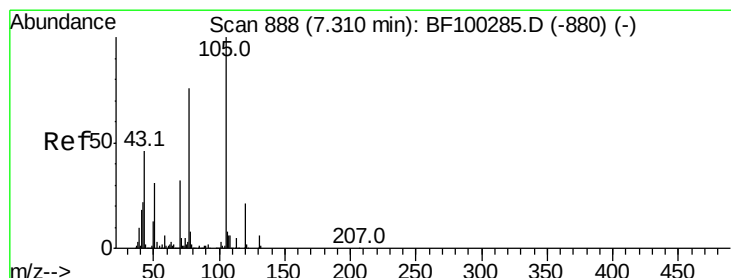
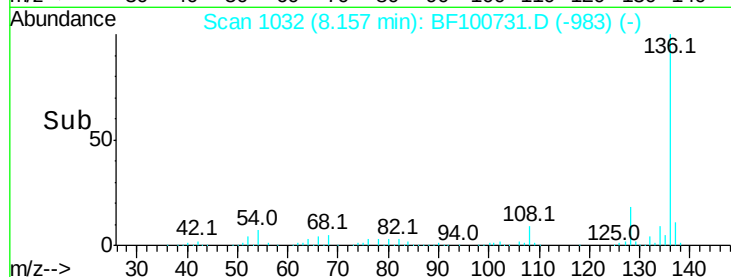
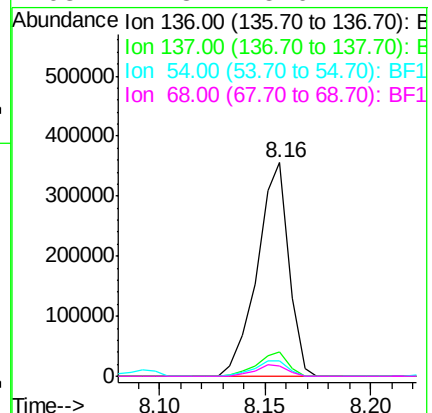
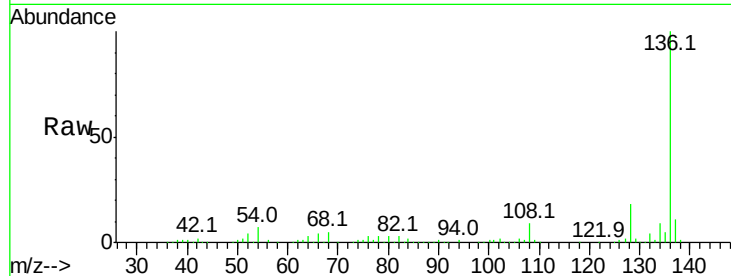
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.4	6.6	9.8	
68	4.8	5.0	7.4#	

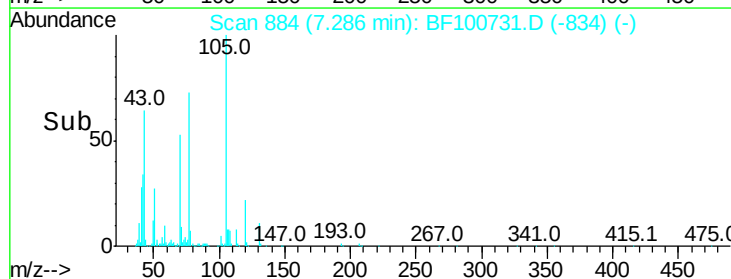
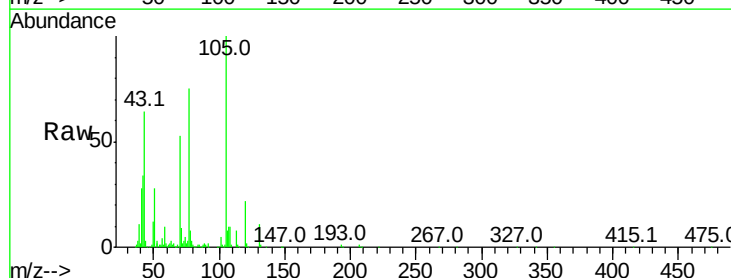
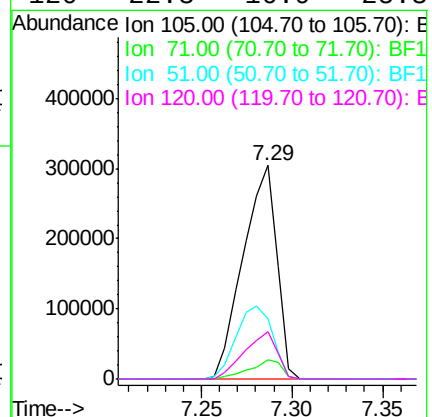
Manual Integrations
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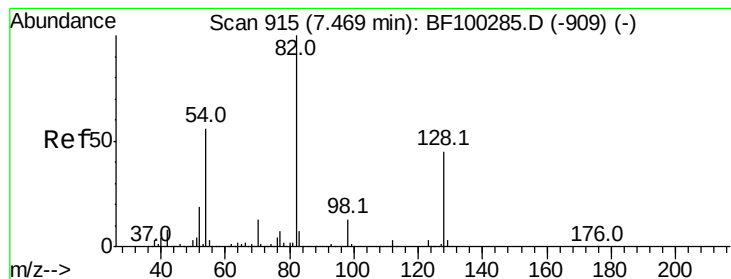
SOHIL
11/21/2017 2:15:17 PM



#22
Acetophenone
Concen: 43.609 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	4.4	6.6#	
51	28.3	22.3	33.5	
120	22.3	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 100.476 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

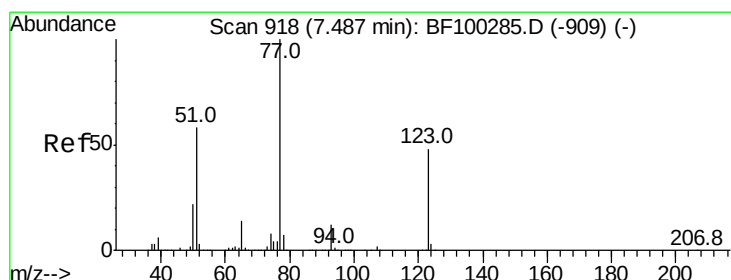
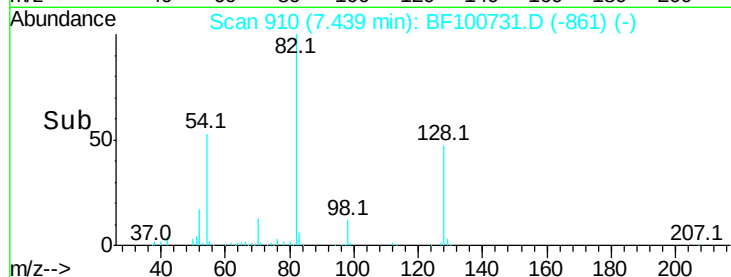
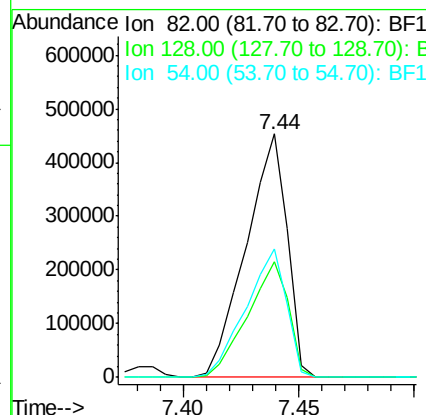
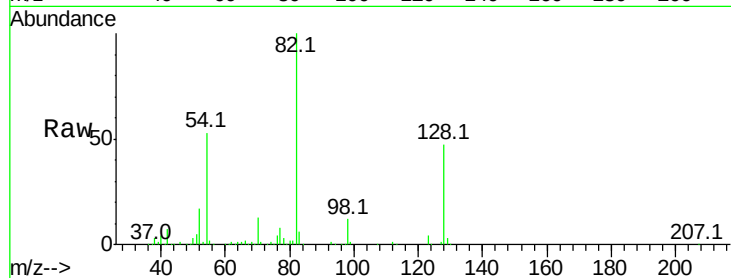
ClientSampleId :

PB104346BS

Tot Ion:	82	Resp:	562718
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.1	54.1
54	52.7	41.4	62.2

Manual Integrations
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11/21/2017 2:15:17 PM



#24

Nitrobenzene

Concen: 52.080 ng

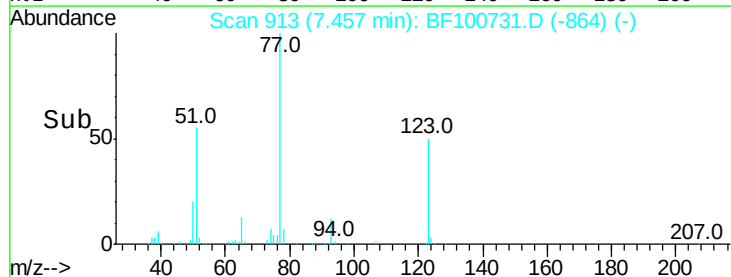
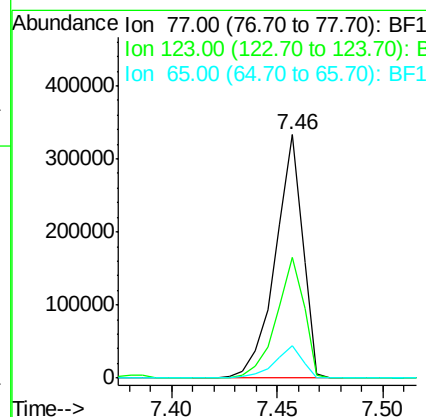
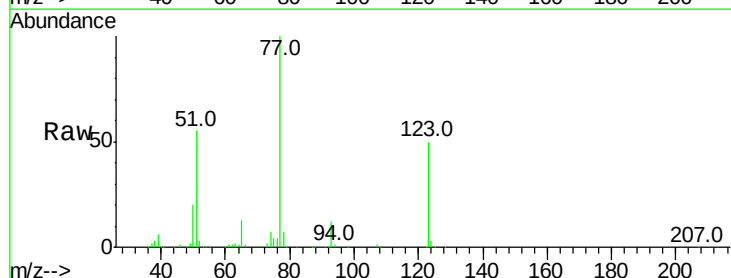
RT: 7.46 min Scan# 913

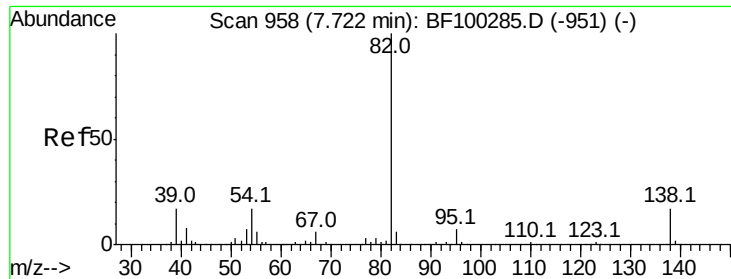
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	77	Resp:	300211
Ion Ratio	Lower	Upper	
77	100		
123	49.6	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 47.270 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

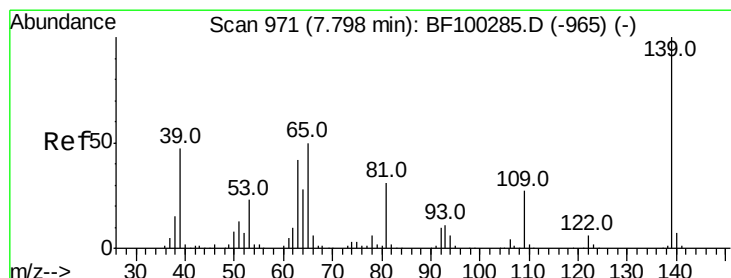
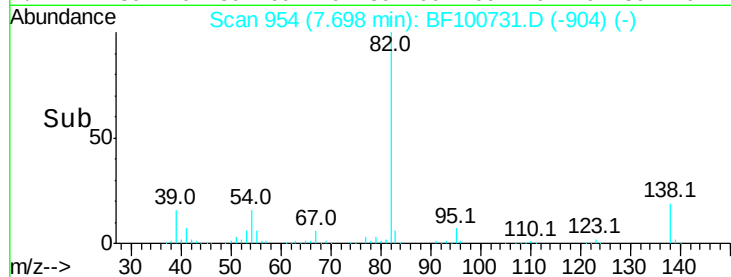
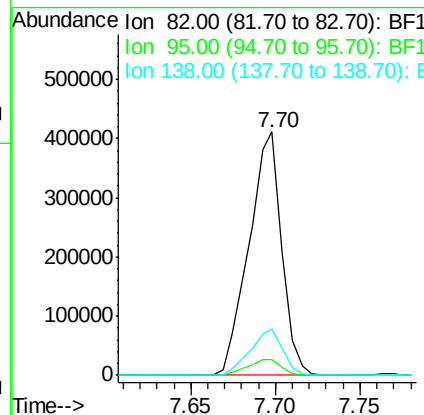
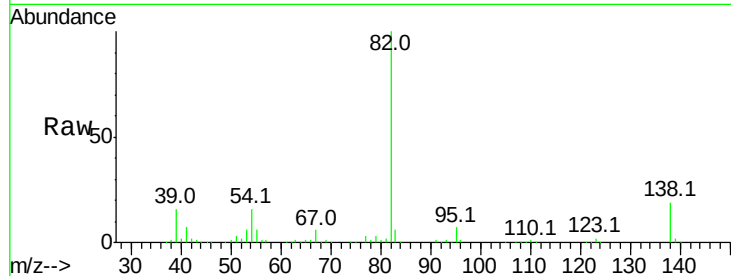
ClientSampleId :

PB104346BS

Tot Ion:	82	Resp:	556330
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	19.0	14.9	22.3

Manual Integrations
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SOHIL
11/21/2017 2:15:17 PM



#26

2-Nitrophenol

Concen: 60.876 ng

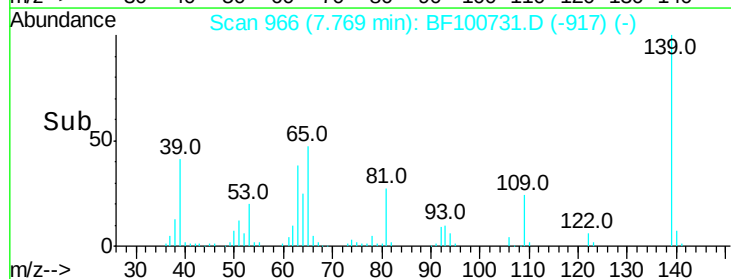
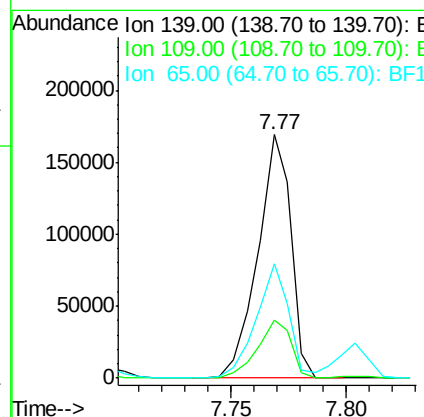
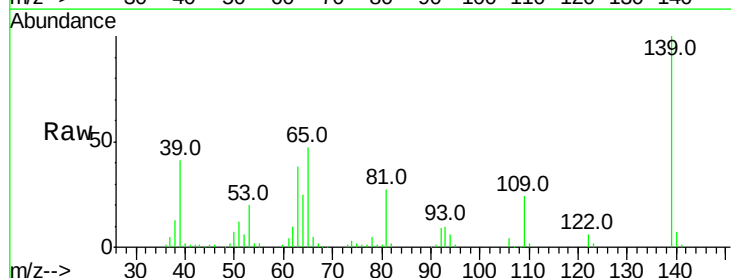
RT: 7.77 min Scan# 966

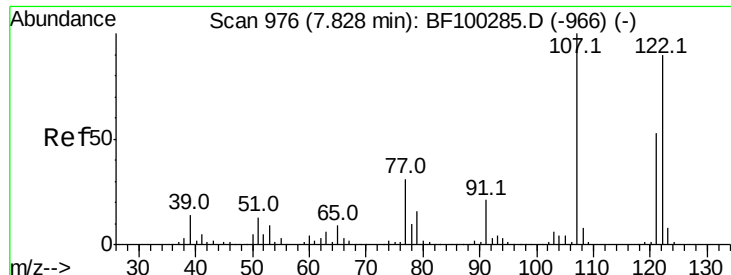
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	139	Resp:	168919
Ion Ratio	Lower	Upper	
139	100		
109	24.0	22.7	34.1
65	46.8	40.5	60.7





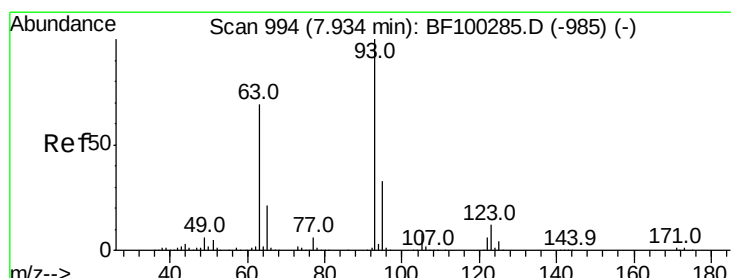
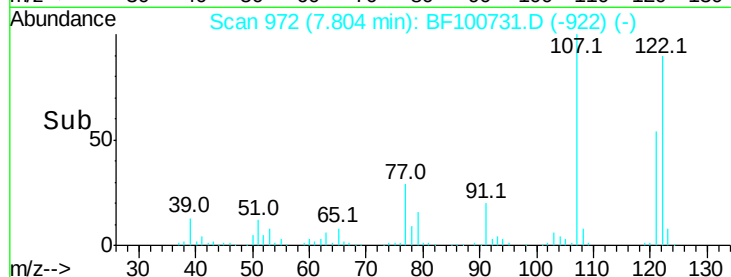
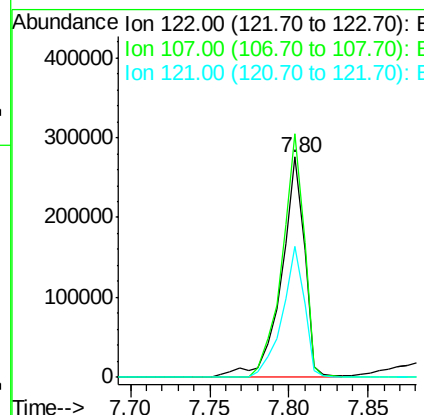
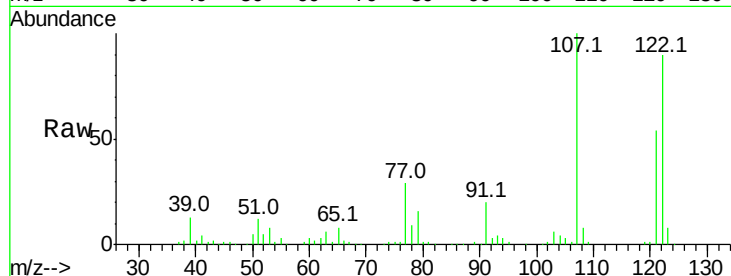
#27
 2,4-Dimethylphenol
 Concen: 52.943 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	279318		
107	110.5	91.2	136.8	
121	59.3	47.2	70.8	

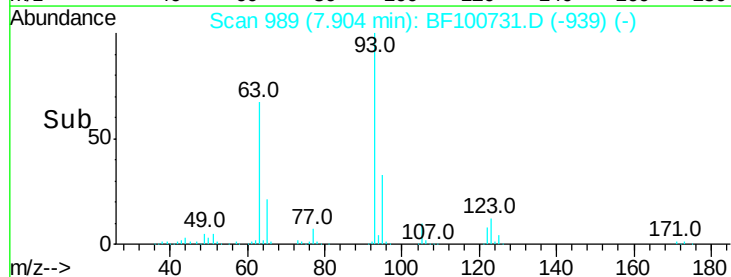
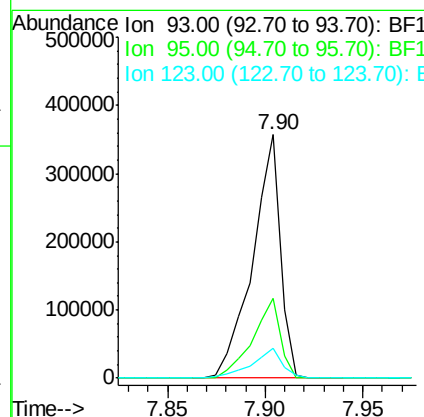
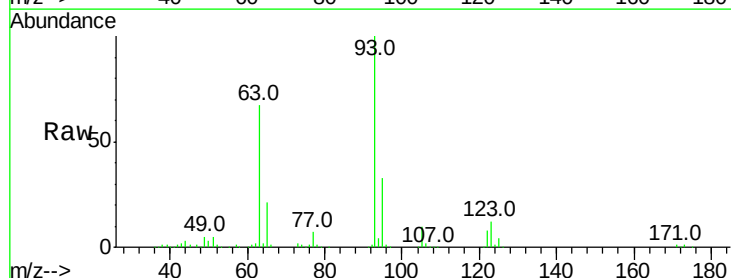
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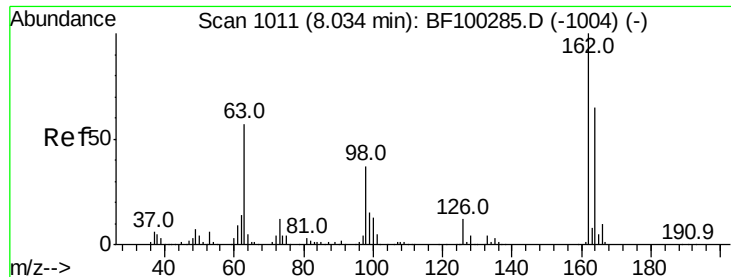
SOHIL
 11/21/2017 2:15:17 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.742 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	352139		
95	33.0	26.3	39.5	
123	12.0	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 51.928 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

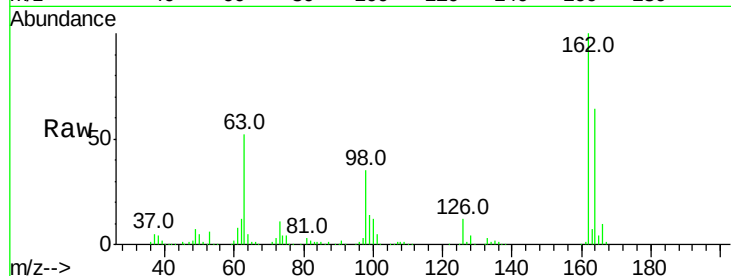
ClientSampleId :

PB104346BS

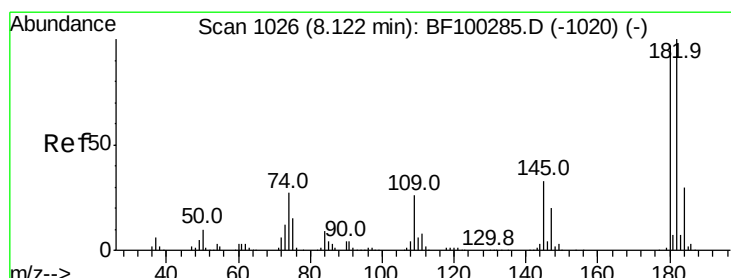
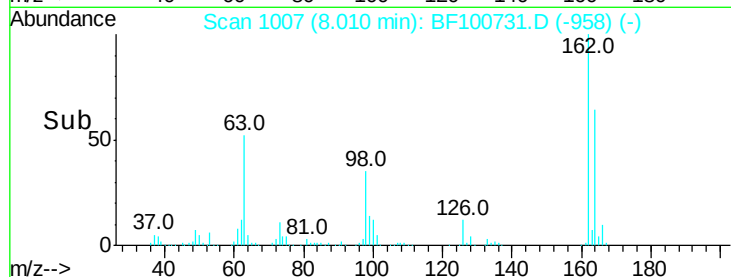
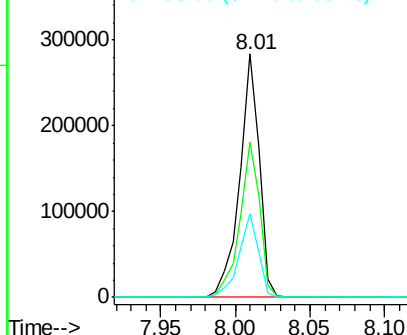
Tot Ion:	162	Resp:	261541
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	34.6	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 51.296 ng

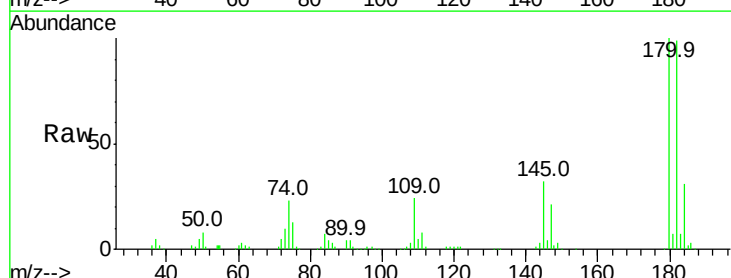
RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

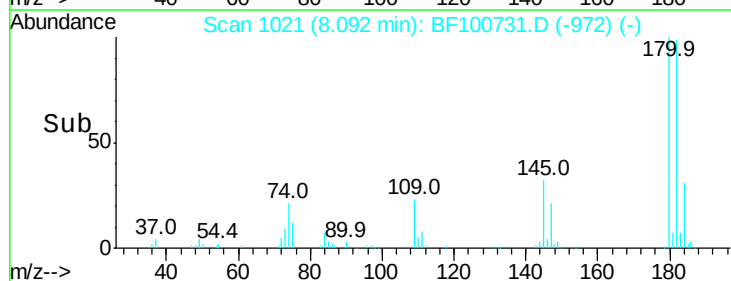
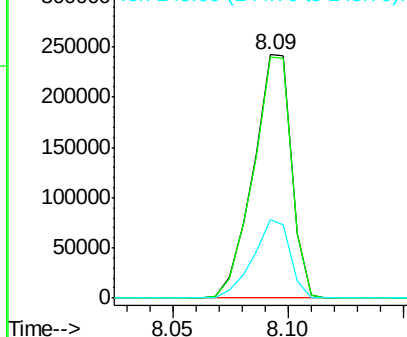
Lab File: BF100731.D

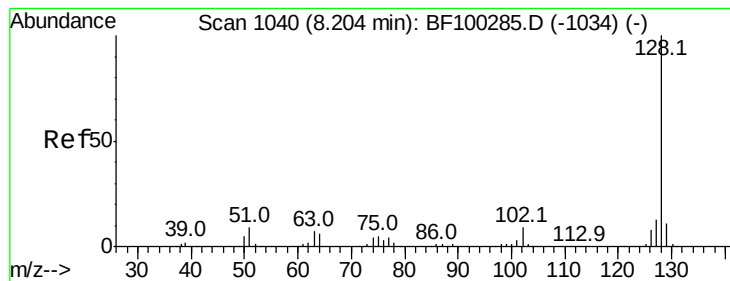
Acq: 20 Nov 2017 15:37

Tgt Ion:	180	Resp:	279465
Ion Ratio	Lower	Upper	
180	100		
182	98.9	76.8	115.2
145	32.1	26.5	39.7



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





#31

Naphthalene

Concen: 48.307 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

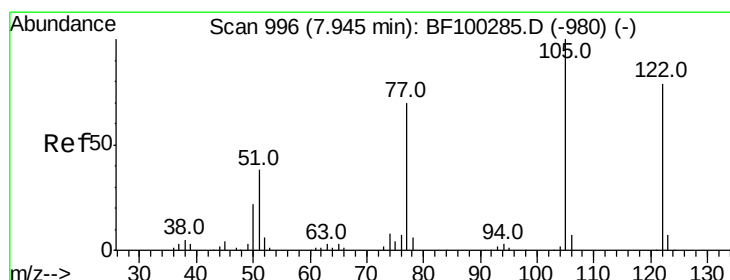
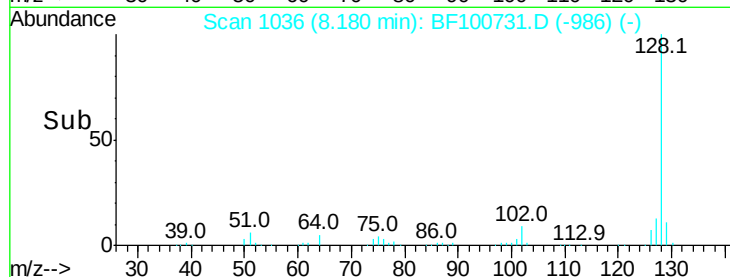
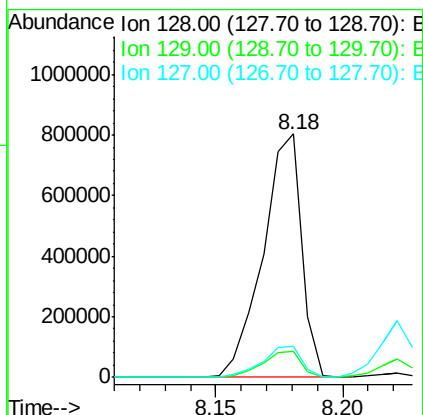
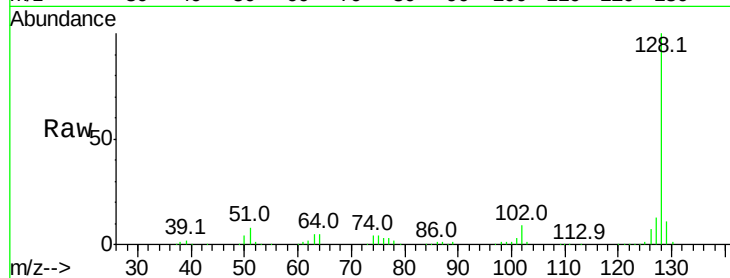
ClientSampleId :

PB104346BS

Tot Ion:128	Resp:	861526
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.8 13.2
127	12.9	10.9 16.3

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#32

Benzoic acid

Concen: 27.920 ng

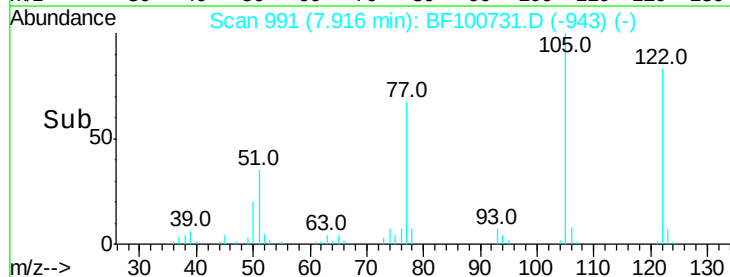
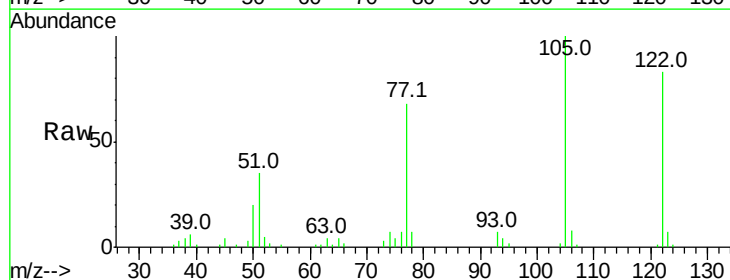
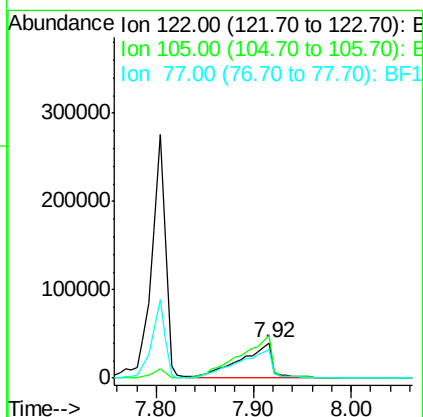
RT: 7.92 min Scan# 991

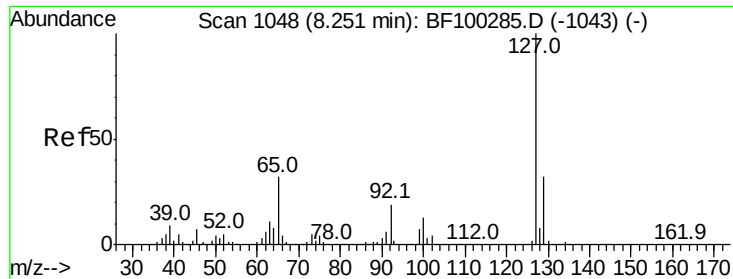
Delta R.T. -0.02 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:122	Resp:	93118
Ion Ratio	Lower	Upper
122	100	
105	120.8	101.1 141.1
77	82.4	70.7 110.7





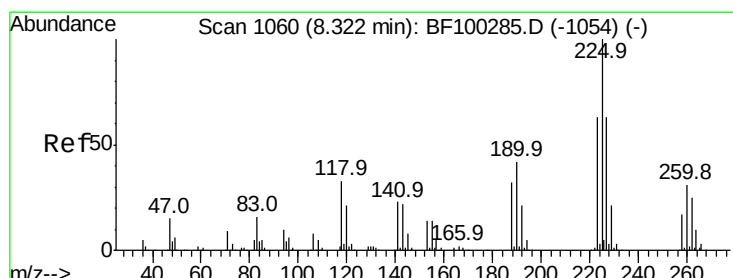
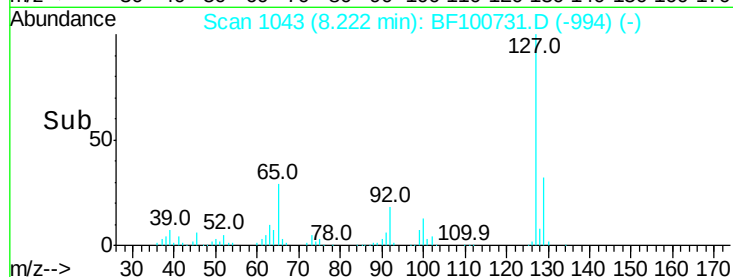
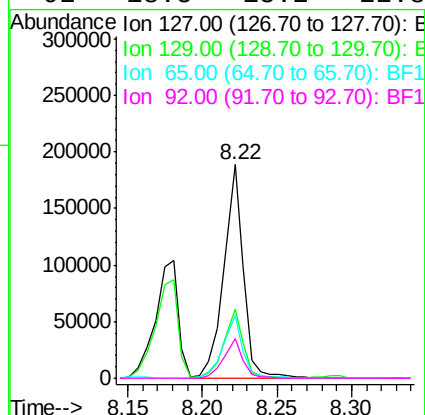
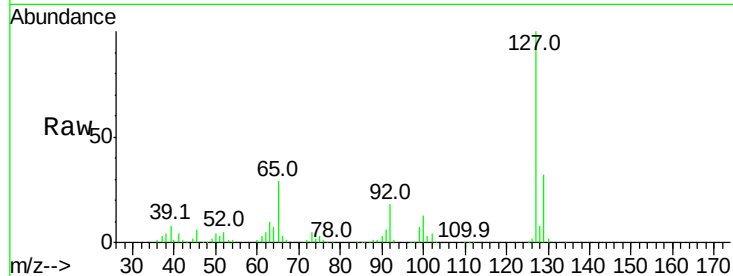
#33
4-Chloroaniline
Concen: 23.788 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	29.1	25.0	37.4	
92	18.5	15.2	22.8	

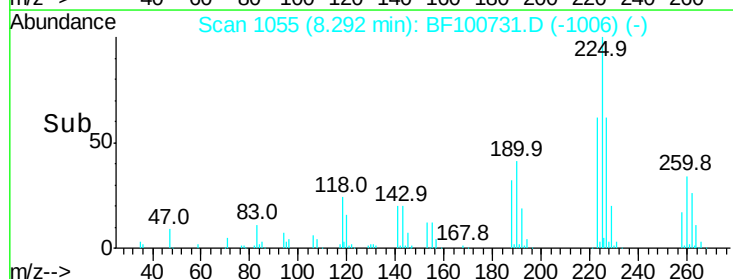
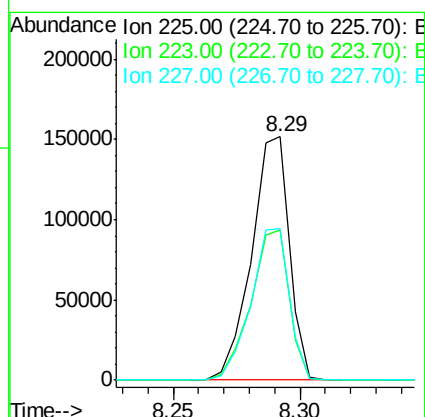
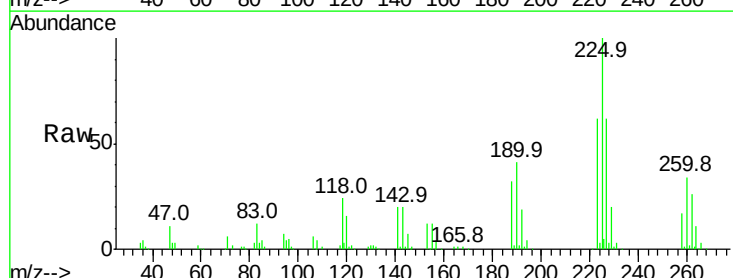
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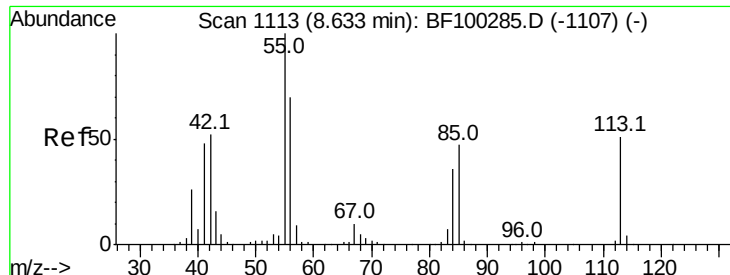
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#34
Hexachlorobutadiene
Concen: 48.818 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.6	76.0	
227	62.4	51.9	77.9	





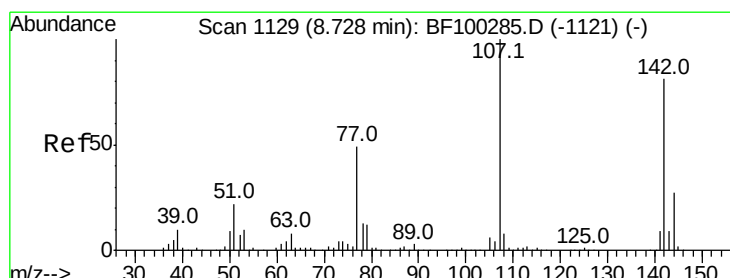
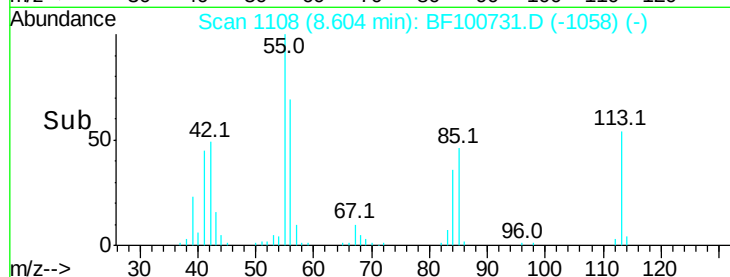
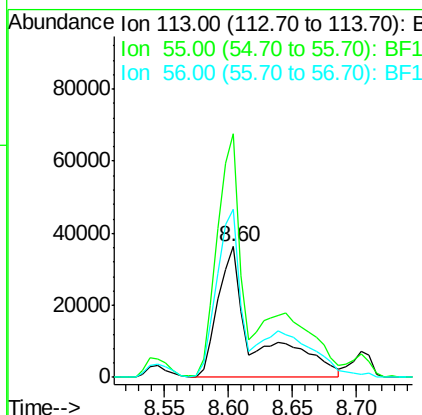
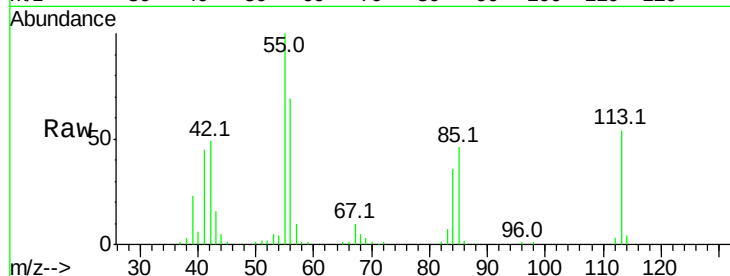
#35
 Caprolactam
 Concen: 42.289 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleID :
 PB104346BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	186.4	163.3	203.3
56	128.2	115.7	155.7

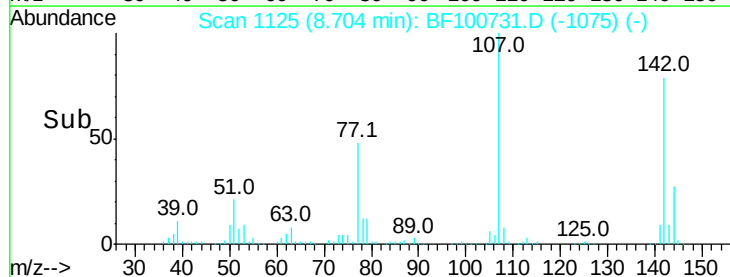
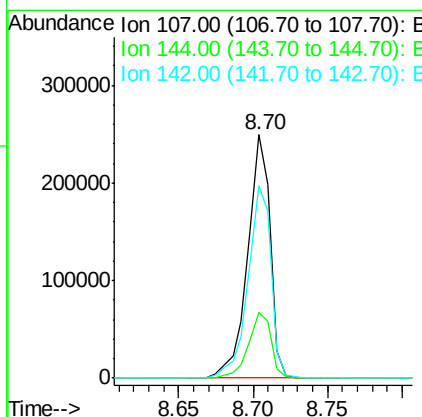
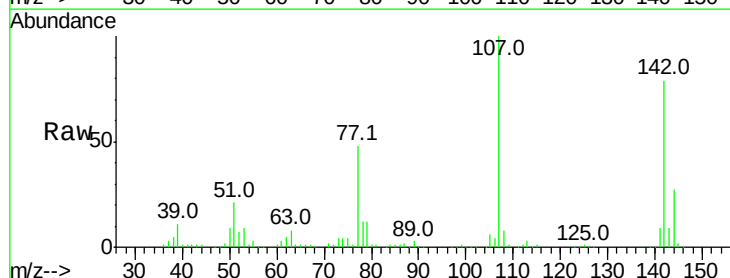
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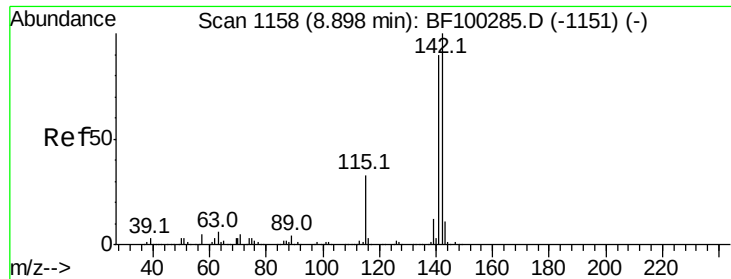
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#36
 4-Chloro-3-methylphenol
 Concen: 47.699 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	79.0	62.0	93.0





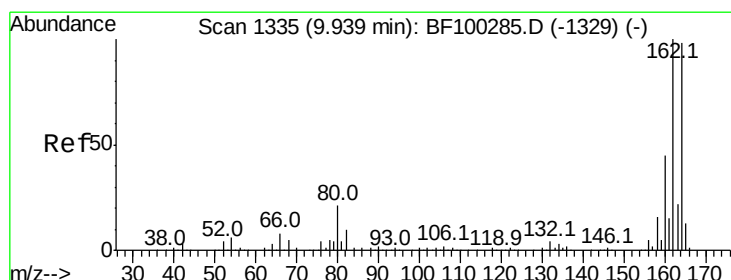
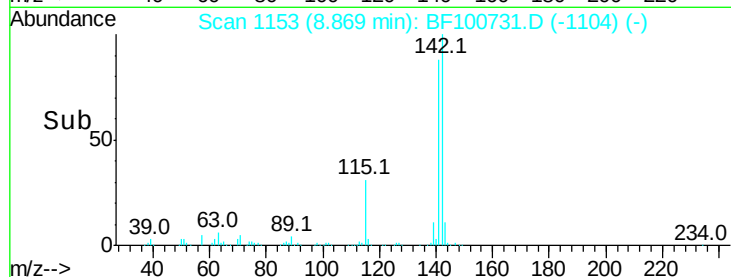
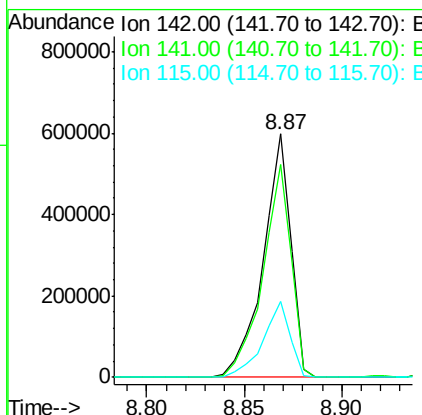
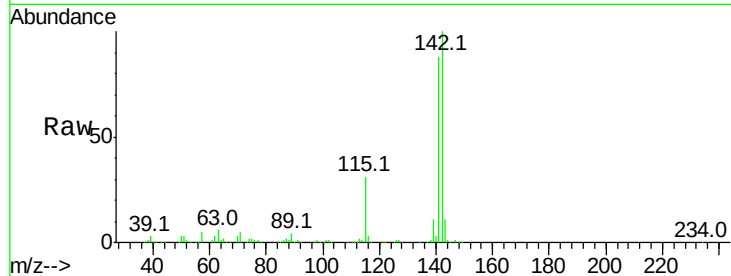
#37
2-Methylnaphthalene
Concen: 49.589 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	31.0	26.1	39.1

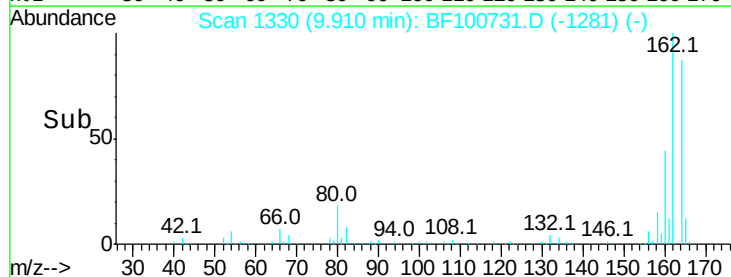
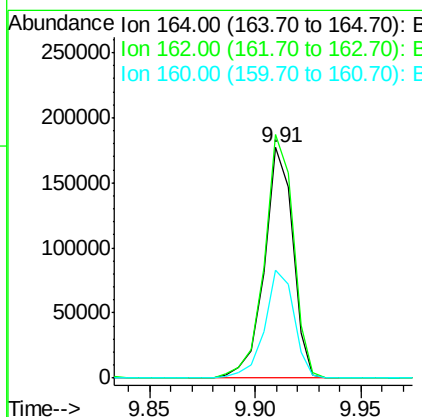
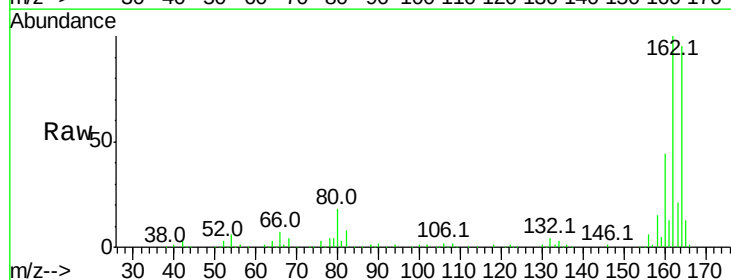
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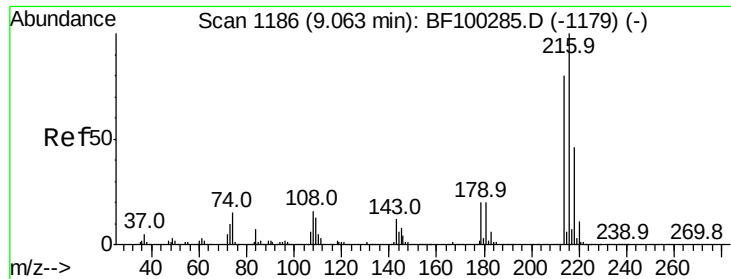
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.6	38.3	57.5





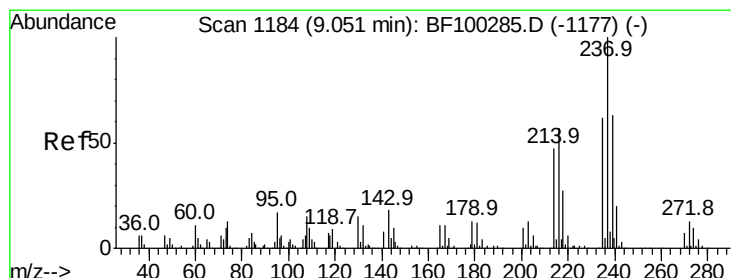
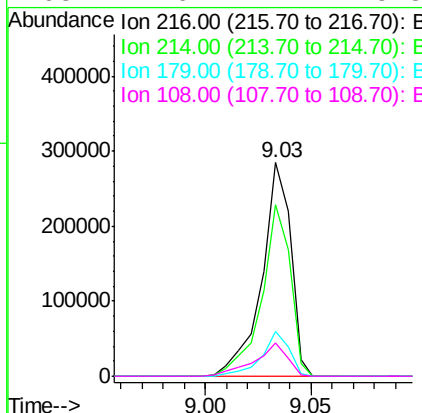
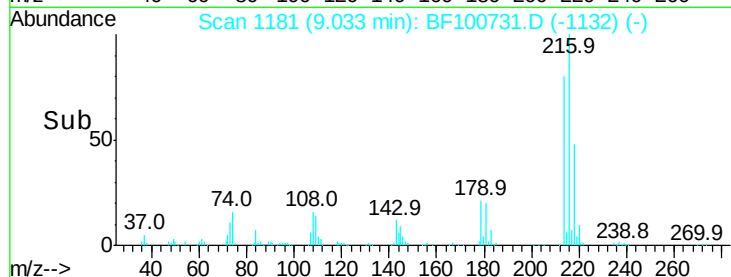
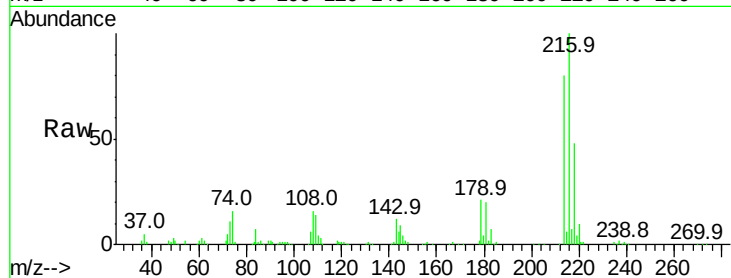
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.157 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	19.9	18.1	27.1
108	17.6	17.2	25.8

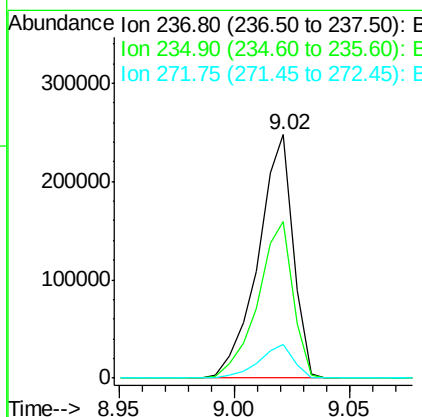
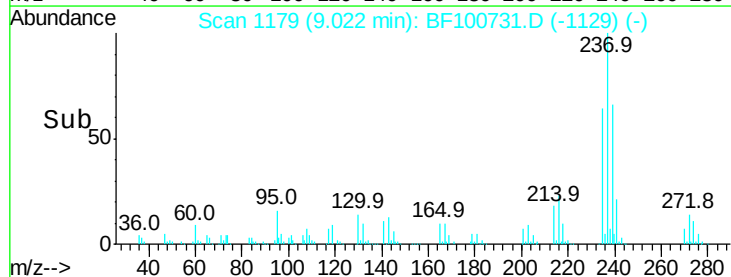
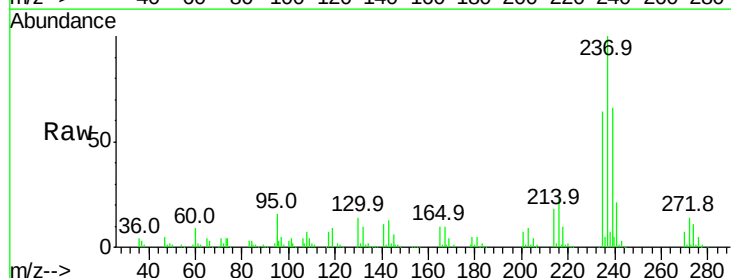
Manual Integrations
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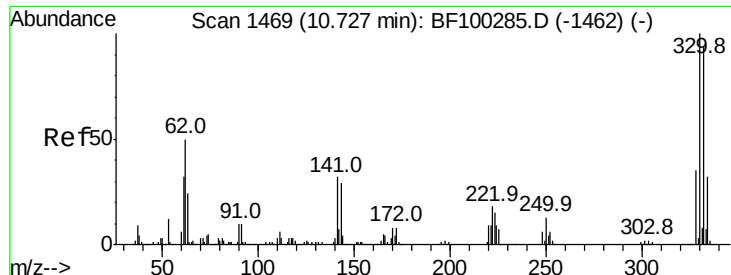
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#40
 Hexachlorocyclopentadiene
 Concen: 100.082 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	44.8	84.8
272	13.6	0.0	33.3





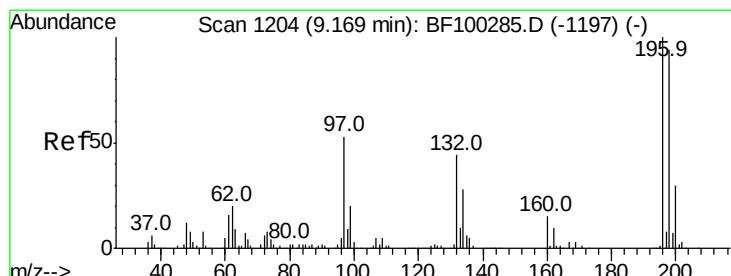
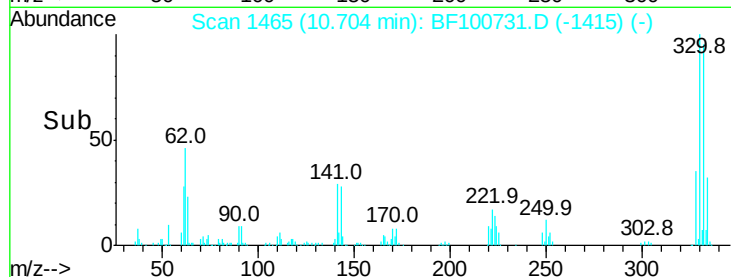
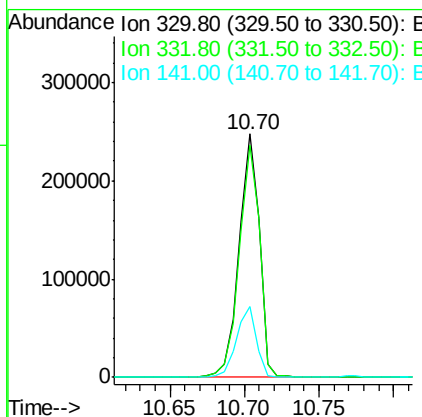
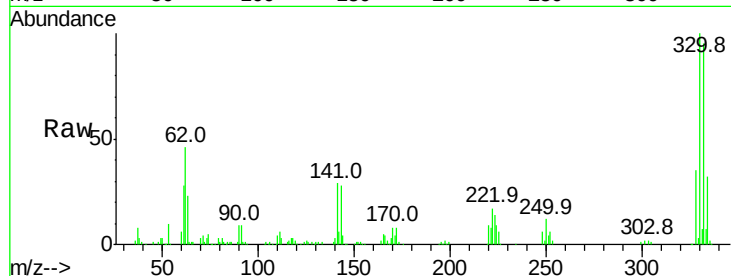
#41
 2,4,6-Tribromophenol
 Concen: 138.110 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	28.8	29.9	44.9	

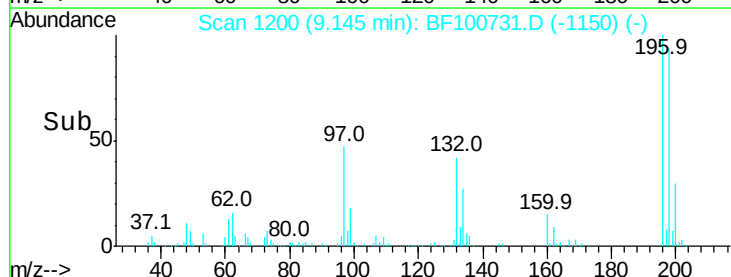
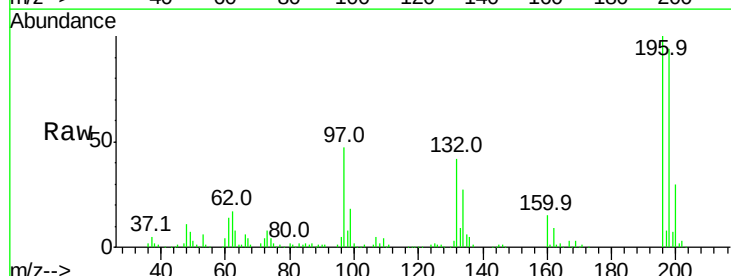
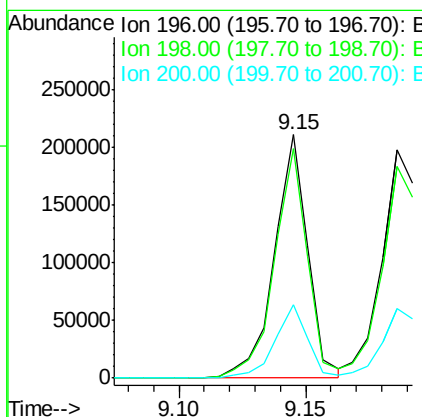
Manual Integrations
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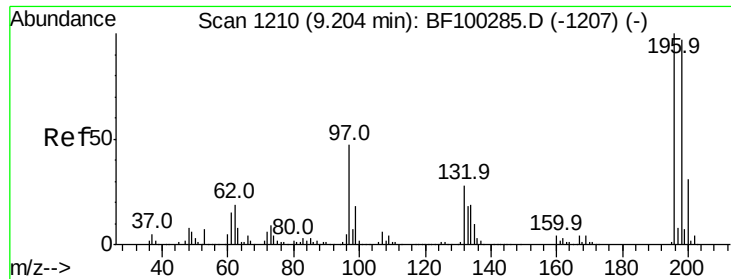
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#42
 2,4,6-Trichlorophenol
 Concen: 55.327 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	75.7	113.5	
200	29.9	24.5	36.7	





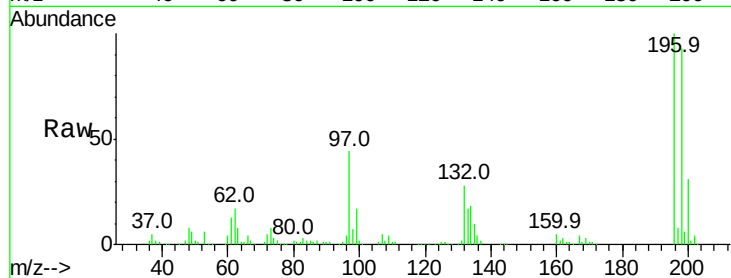
#43
 2,4,5-Trichlorophenol
 Concen: 54.410 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	196	Resp	198102
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.6	112.0
97	44.2	42.9	64.3
132	28.1	26.3	39.5

Manual Integrations
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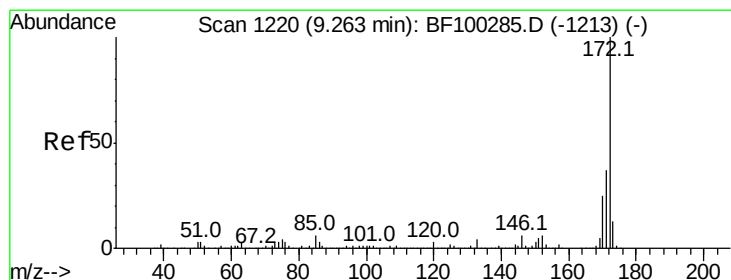
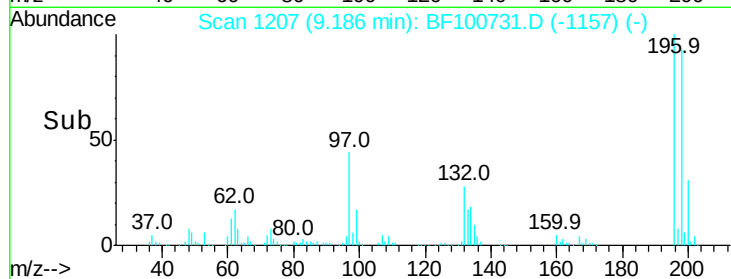
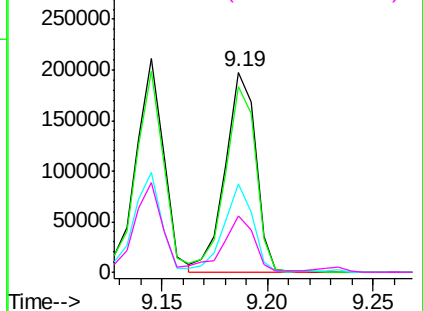
Abundance

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: 102.279 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

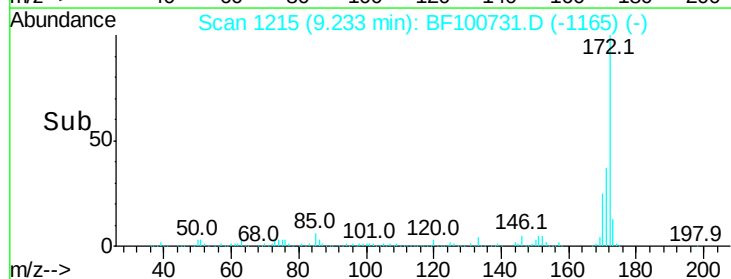
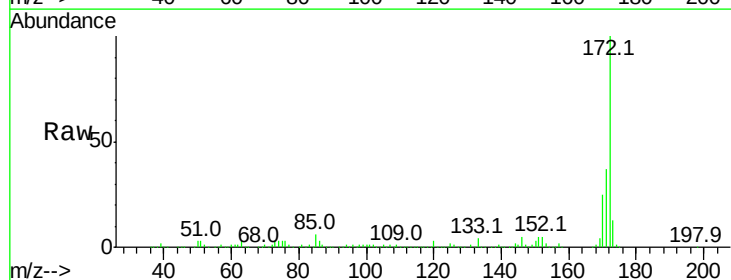
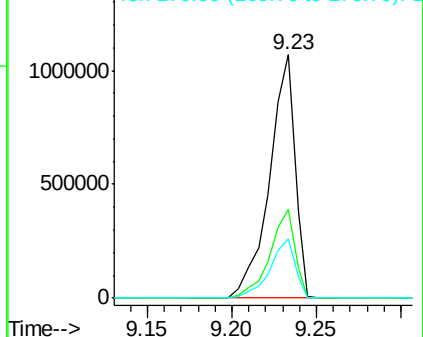
Tgt Ion	172	Resp	1122966
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4

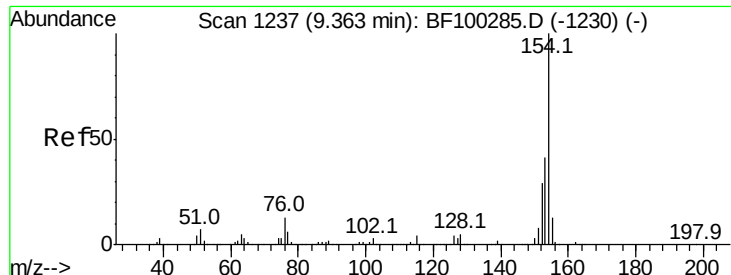
Abundance

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: 47.775 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

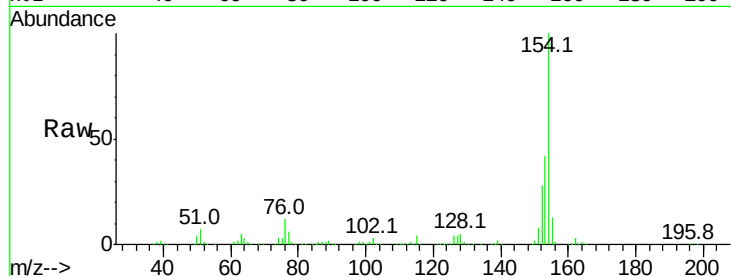
ClientSampleId :

PB104346BS

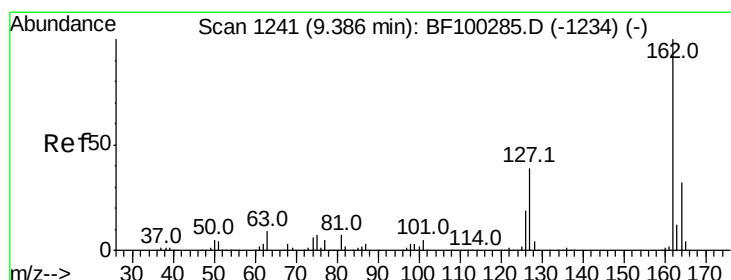
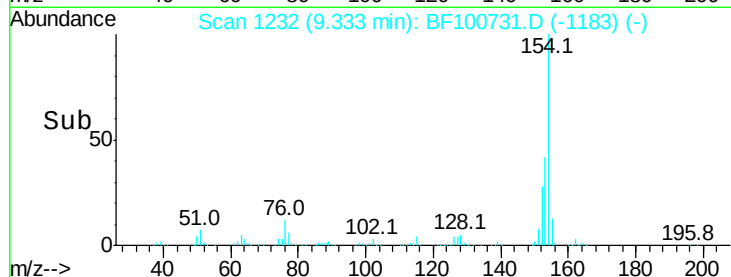
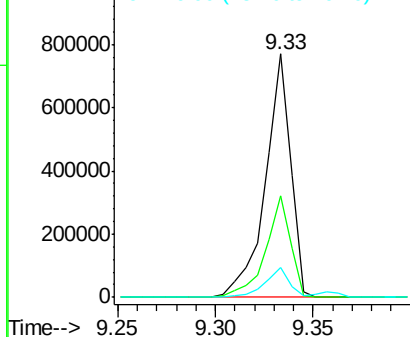
Tot Ion:	154	Resp:	690816
Ion Ratio	Lower	Upper	
154	100		
153	41.8	21.3	61.3
76	12.3	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 52.064 ng

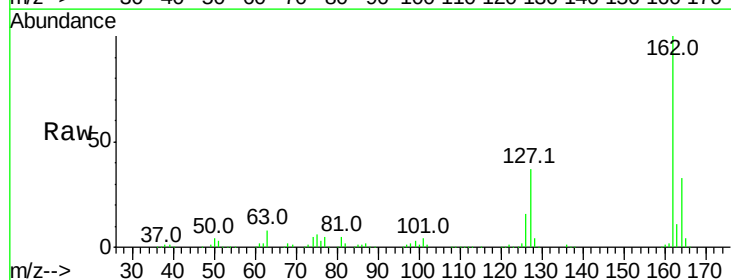
RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

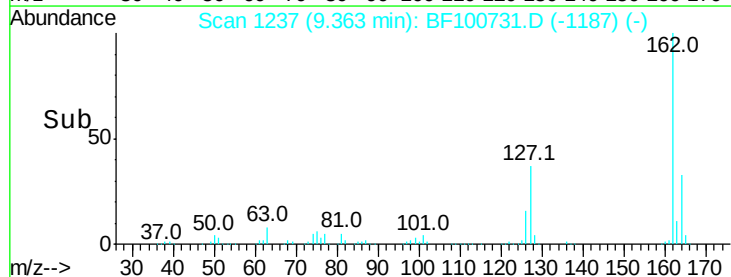
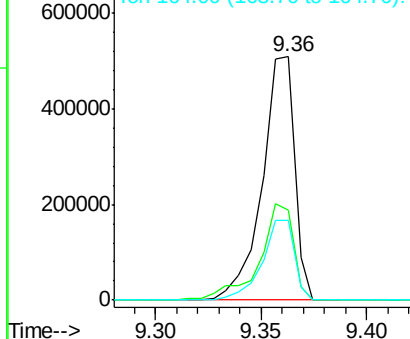
Lab File: BF100731.D

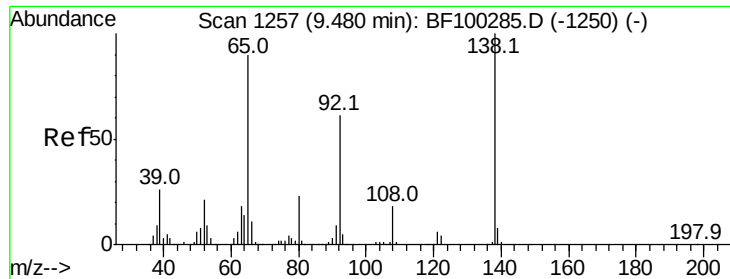
Acq: 20 Nov 2017 15:37

Tgt Ion:	162	Resp:	546148
Ion Ratio	Lower	Upper	
162	100		
127	37.1	33.9	50.9
164	32.9	26.5	39.7



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





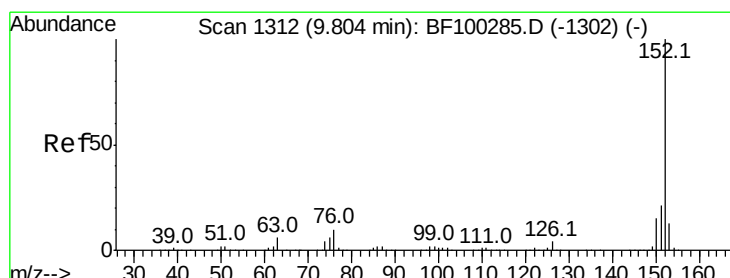
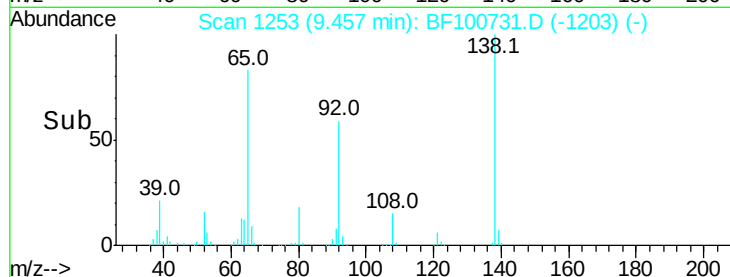
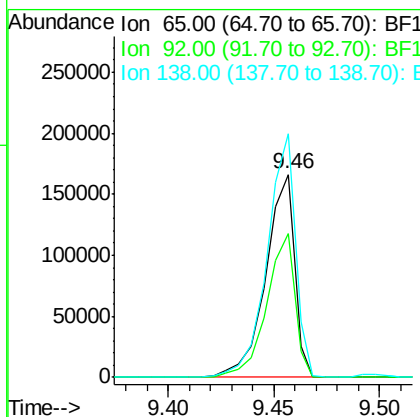
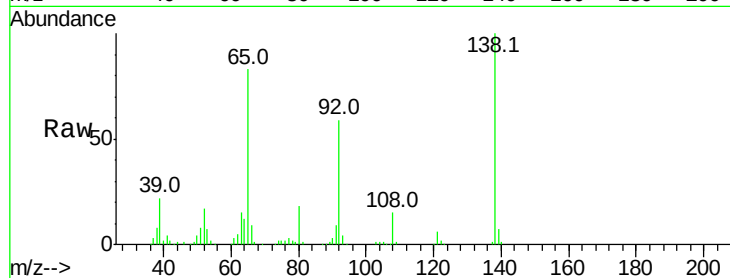
#47
2-Nitroaniline
Concen: 50.786 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	55.8	83.6
138	120.1	91.2	136.8

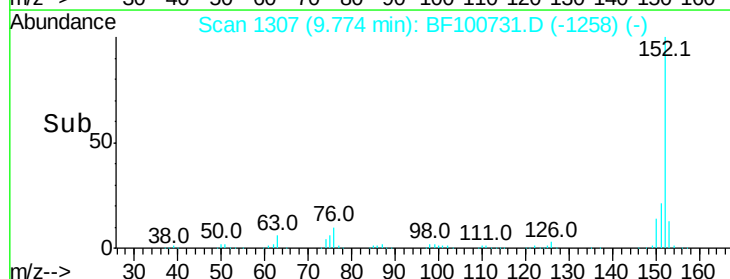
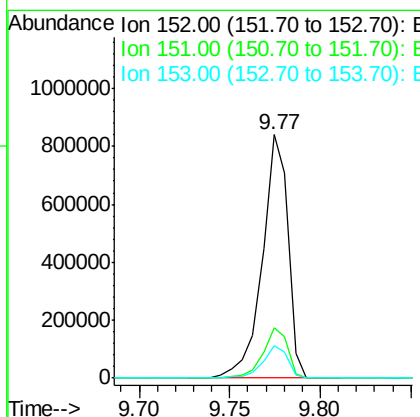
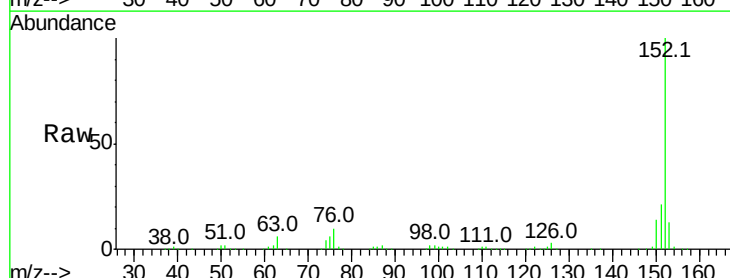
Manual Integrations
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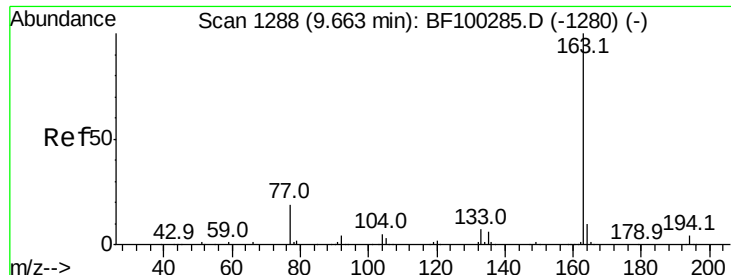
SOHIL
11/21/2017 2:15:17 PM



#48
Acenaphthylene
Concen: 47.639 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.4	10.7	16.1





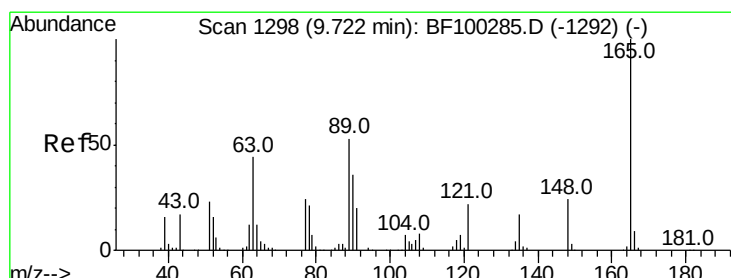
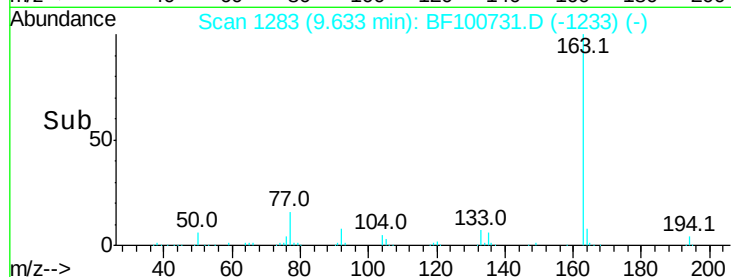
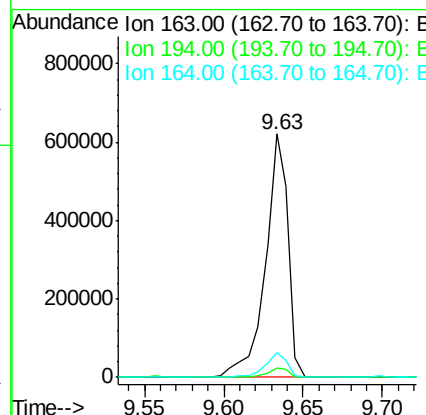
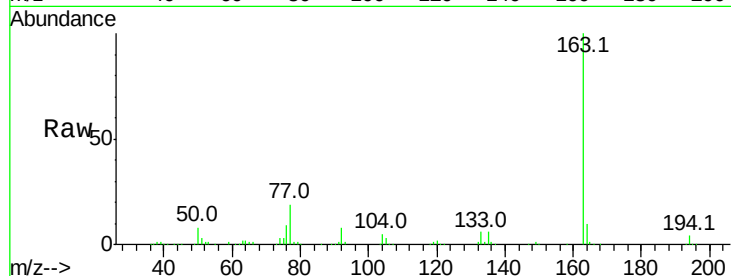
#49
Dimethylphthalate
Concen: 48.342 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.3	8.2	12.2	

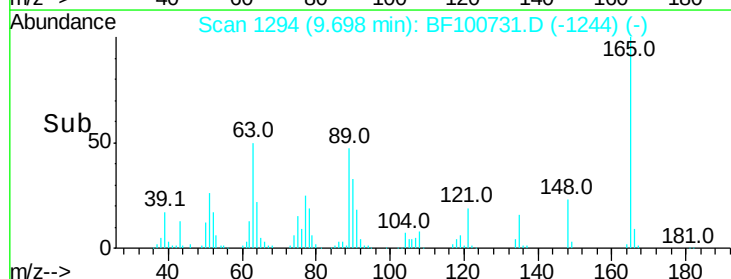
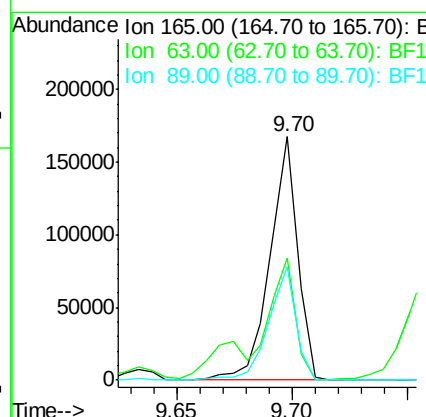
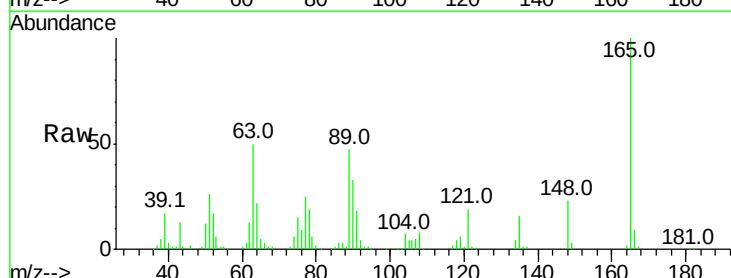
Manual Integrations
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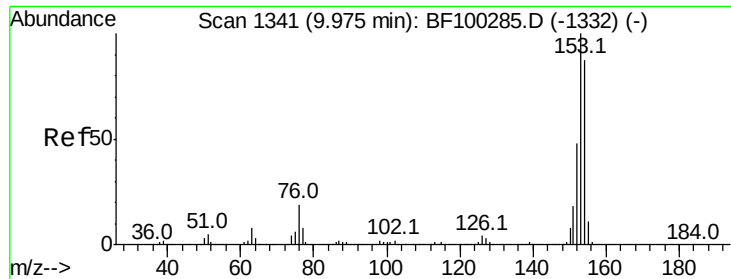
SOHIL
11/21/2017 2:15:17 PM



#50
2,6-Dinitrotoluene
Concen: 55.284 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.3	44.7	67.1	
89	46.5	44.0	66.0	





#51

Acenaphthene

Concen: 48.800 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

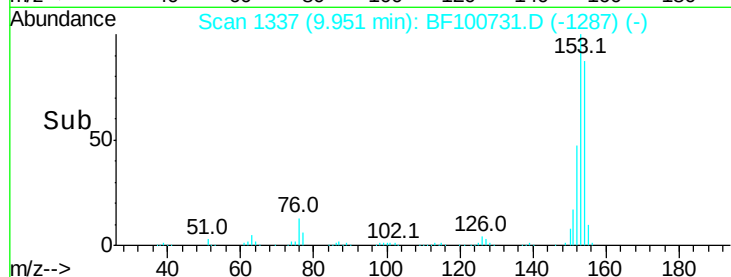
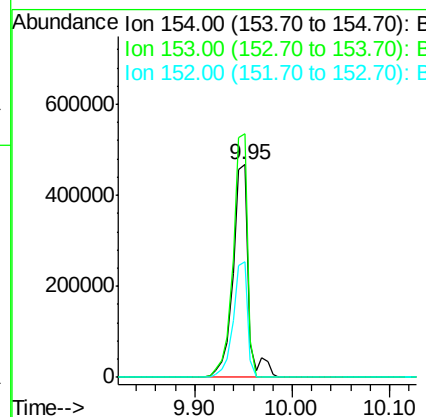
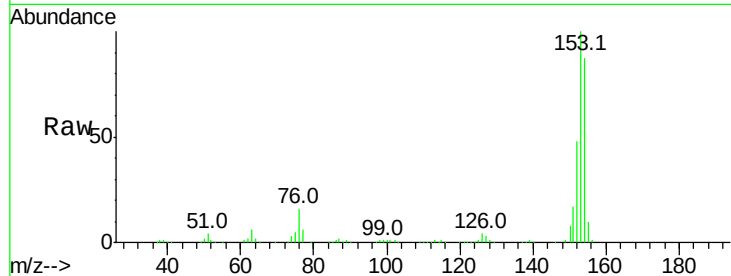
ClientSampleId :

PB104346BS

Tot Ion:	154	Resp:	515957
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 33.258 ng

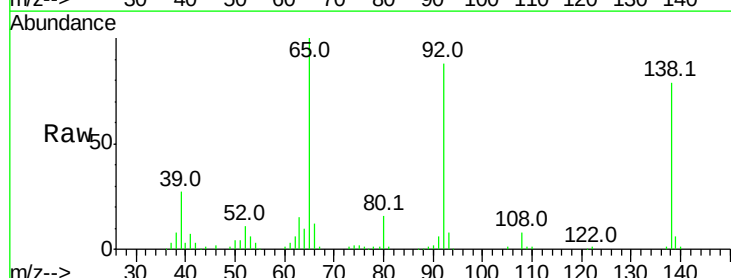
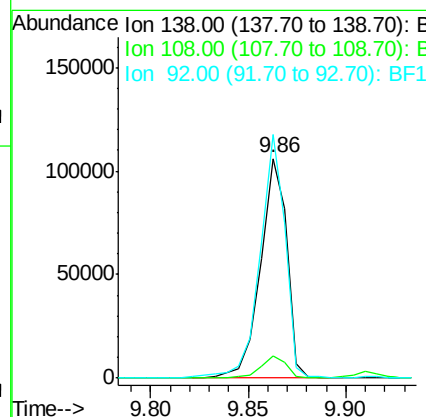
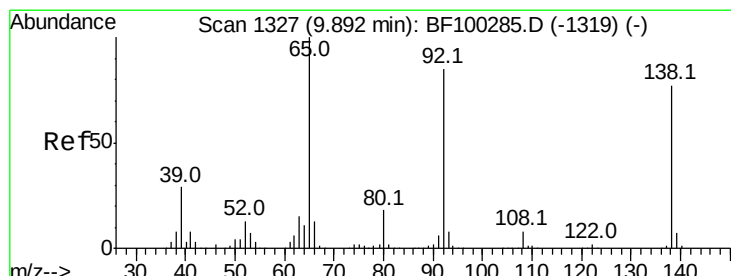
RT: 9.86 min Scan# 1322

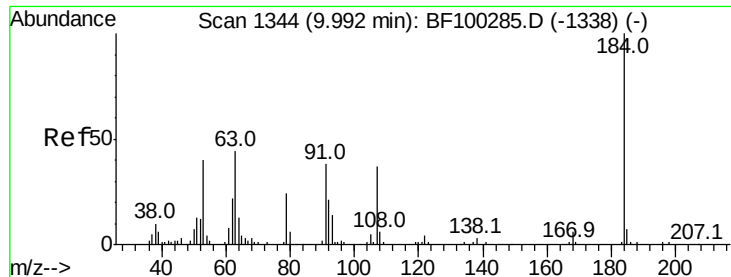
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	138	Resp:	99232
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	110.7	89.4	134.2





#53
2,4-Dinitrophenol
Concen: 67.992 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

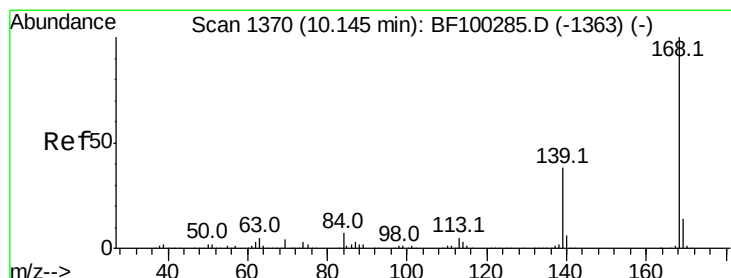
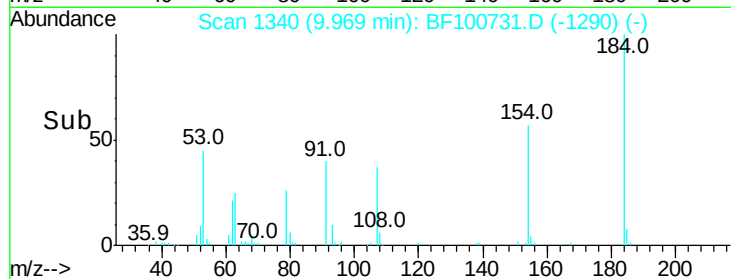
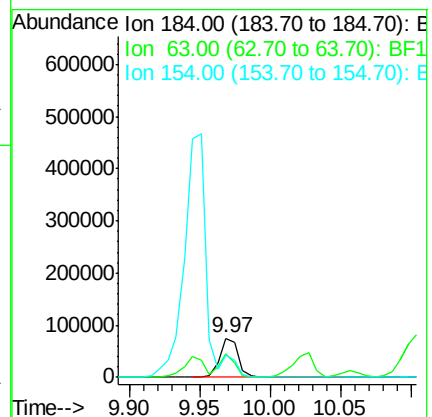
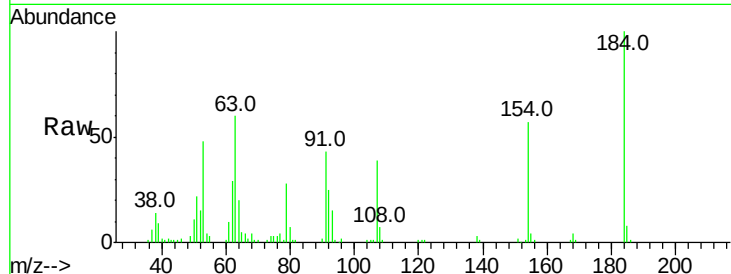
Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.8	54.2	81.2
154	57.0	184.0	276.0#

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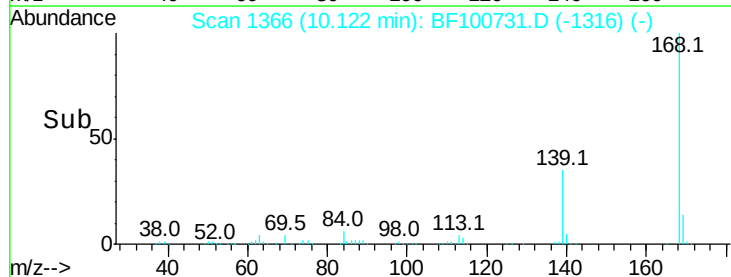
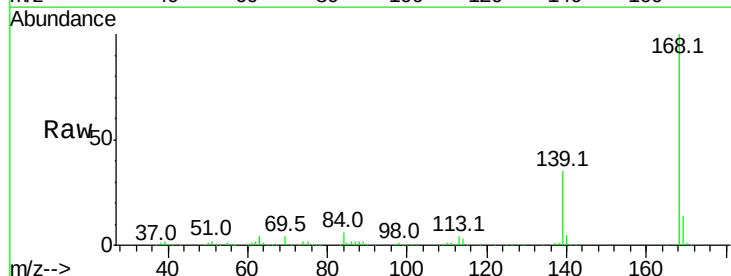
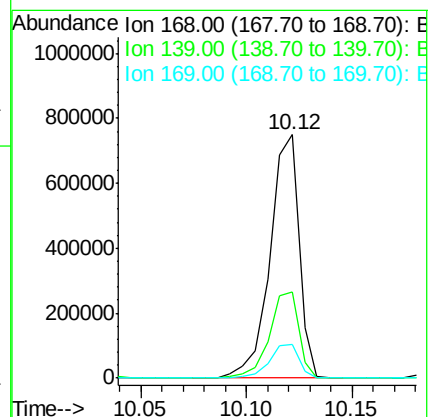
SOHIL

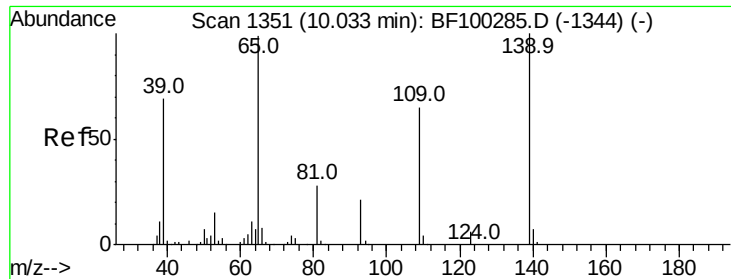
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#54
Dibenzofuran
Concen: 48.518 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	14.0	10.9	16.3





#55

4-Nitrophenol

Concen: 82.438 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

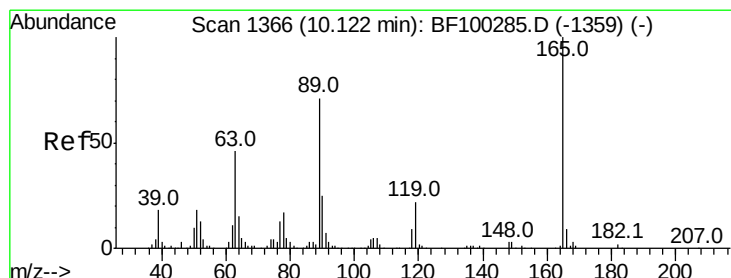
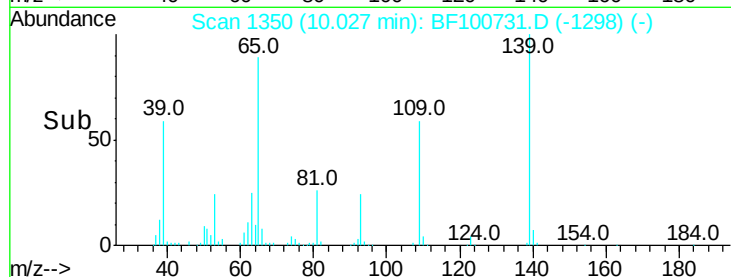
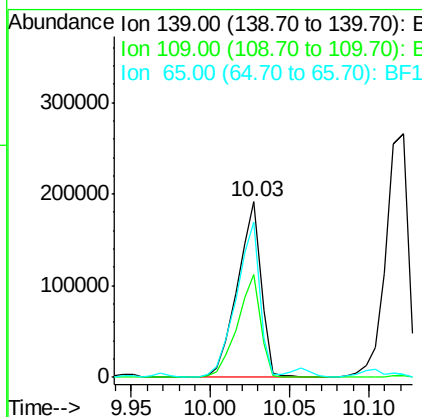
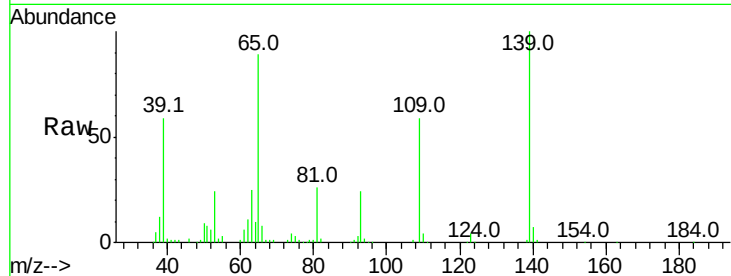
ClientSampleId :

PB104346BS

Tot Ion:	139	Resp:	199723
Ion Ratio	Lower	Upper	
139	100		
109	58.8	48.4	88.4
65	88.7	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 57.866 ng

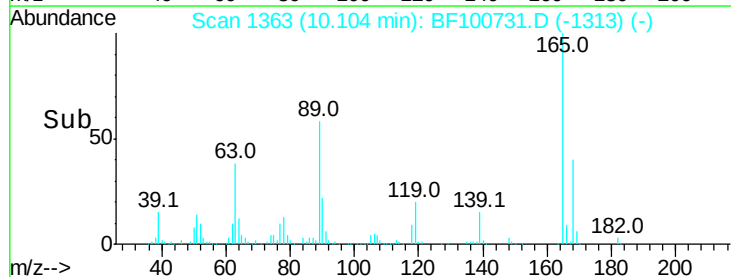
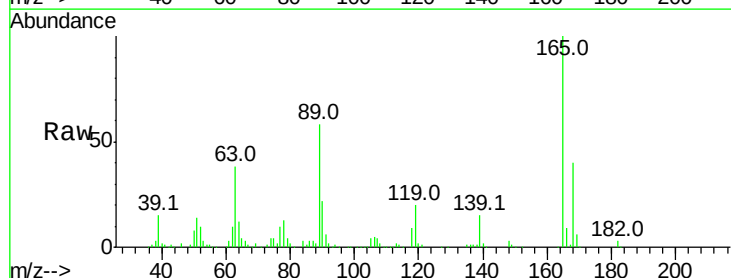
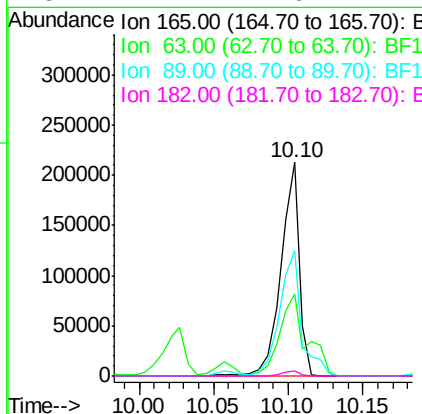
RT: 10.10 min Scan# 1363

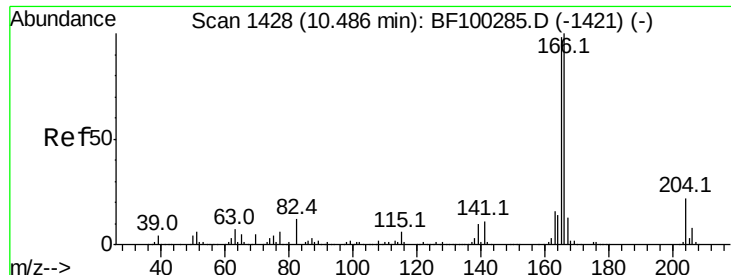
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	165	Resp:	184452
Ion Ratio	Lower	Upper	
165	100		
63	38.2	36.4	54.6
89	58.5	57.8	86.6
182	2.7	1.6	2.4#





#57

Fluorene

Concen: 50.858 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

ClientSampleId :

PB104346BS

Tot Ion:166 Resp: 552097

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

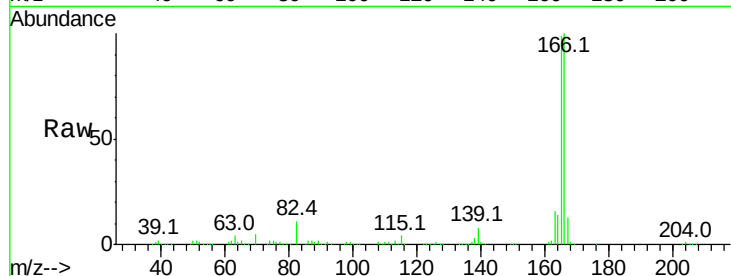
167 13.3 10.6 16.0

Manual Integrations

APPROVED

SOHIL

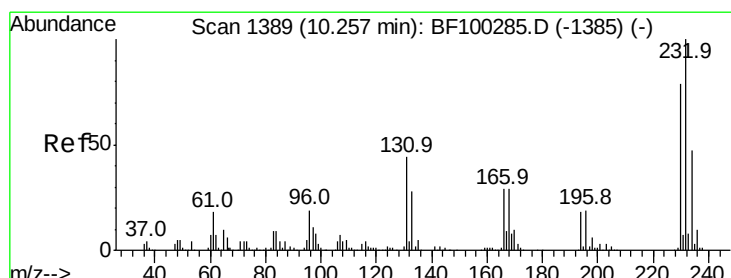
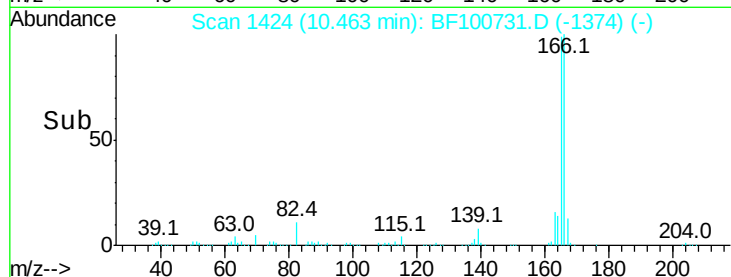
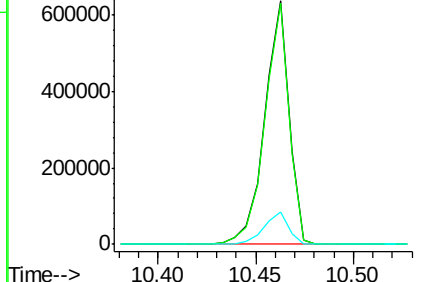
11/21/2017 2:15:17 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.250 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:232 Resp: 155914

Ion Ratio Lower Upper

232 100

131 40.4 43.8 65.8#

130 1.8 2.1 3.1#

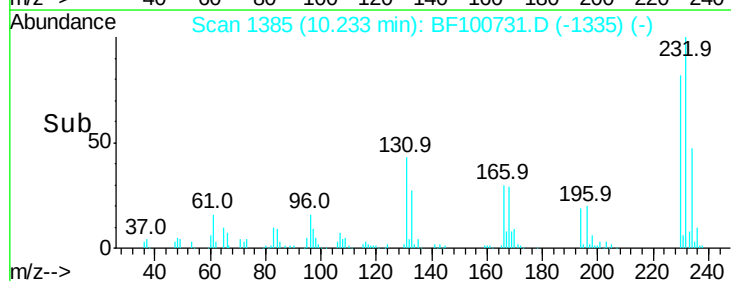
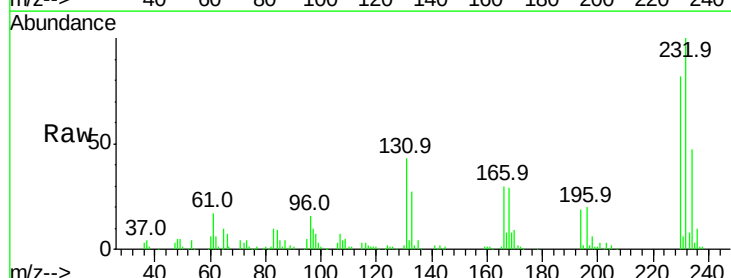
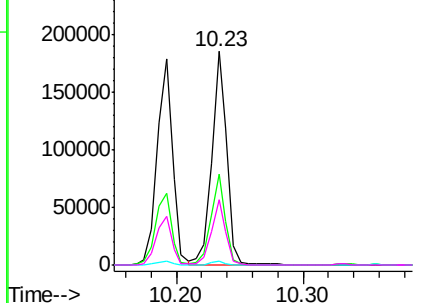
166 28.8 27.8 41.6

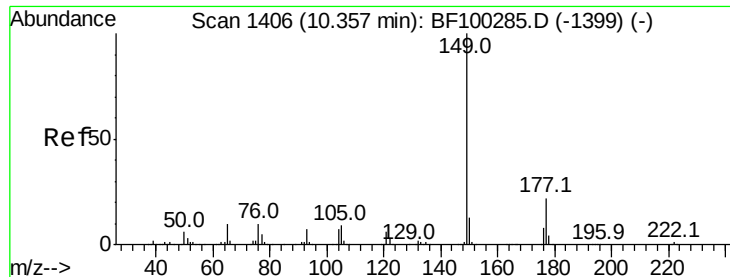
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





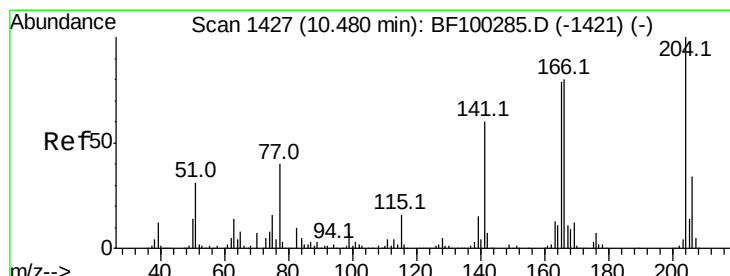
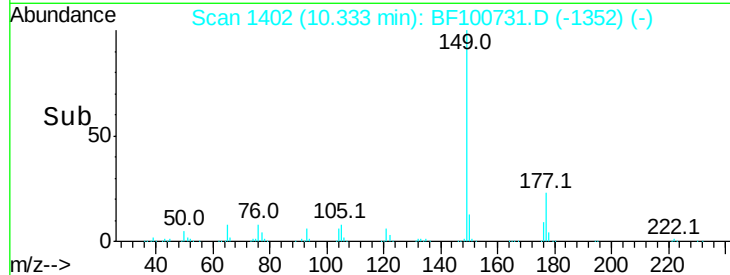
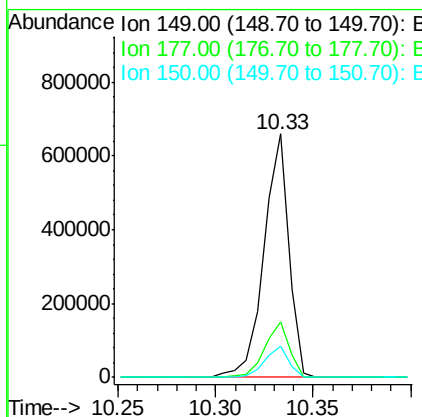
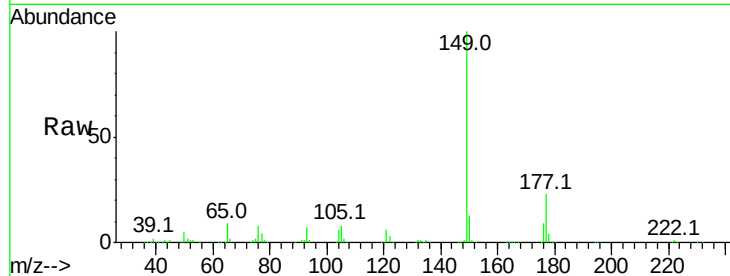
#59
 Diethylphthalate
 Concen: 45.580 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion:	149	Resp:	582236
Ion Ratio	Lower	Upper	
149	100		
177	22.6	16.1	24.1
150	12.6	10.1	15.1

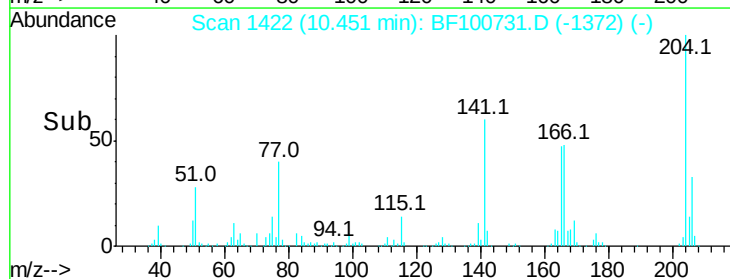
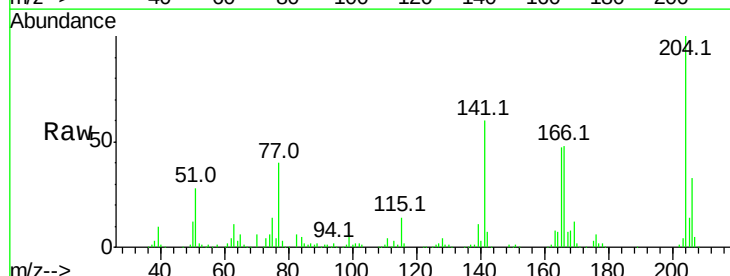
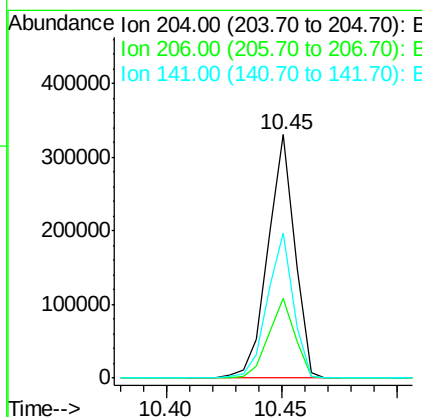
Manual Integrations
 APPROVED

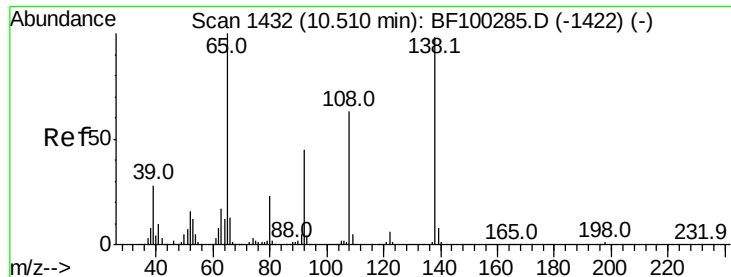
SOHIL
 11/21/2017 2:15:17 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 50.173 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion:	204	Resp:	267189
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	59.5	54.6	81.8





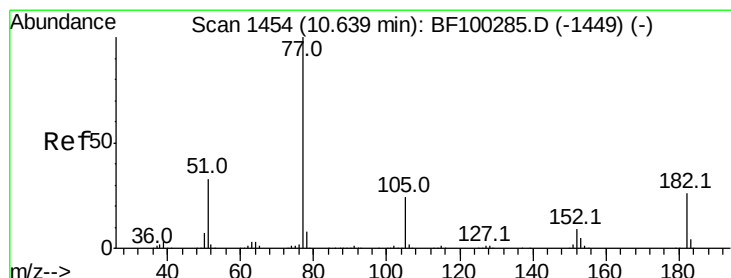
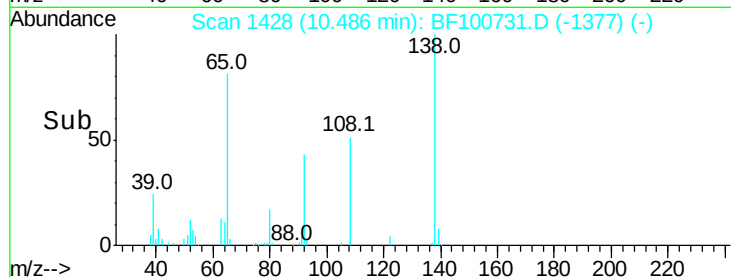
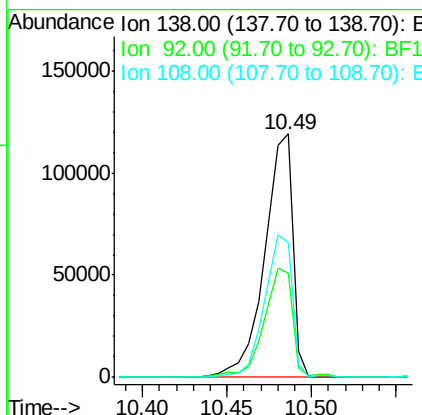
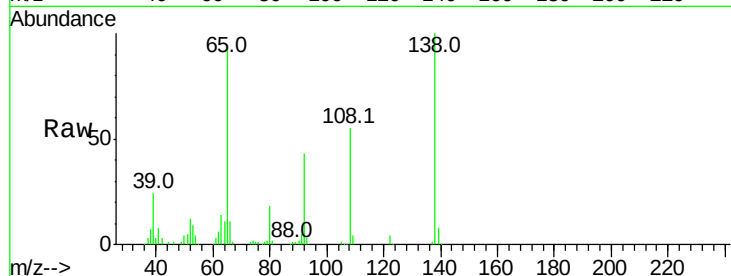
#61
4-Nitroaniline
Concen: 48.405 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.0	30.2	70.2
108	55.3	52.5	92.5

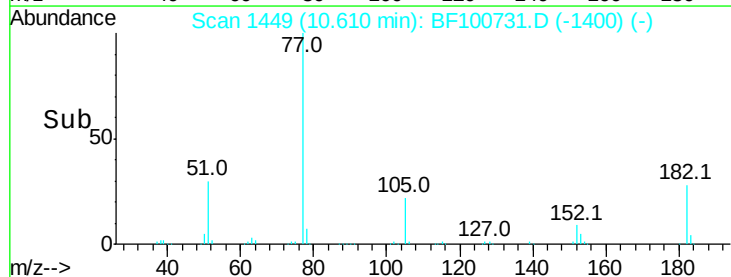
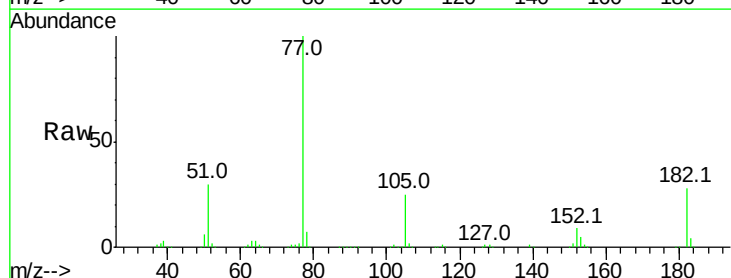
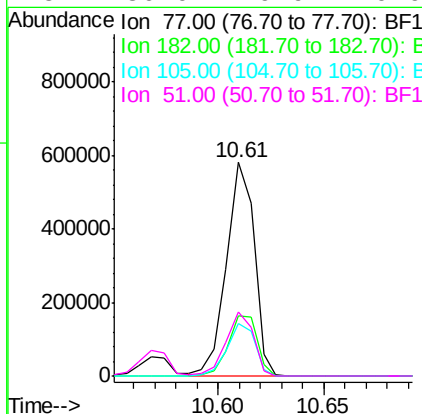
Manual Integrations
APPROVED

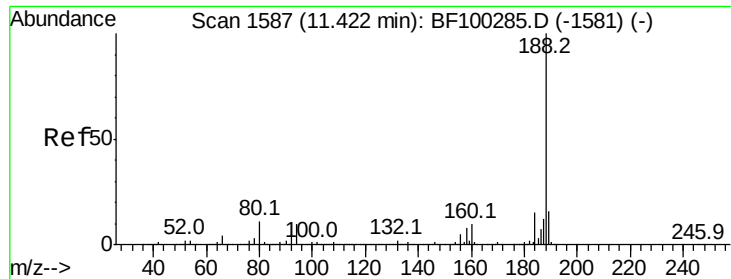
SOHIL
11/21/2017 2:15:17 PM



#62
Azobenzene
Concen: 43.879 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	24.8	3.0	43.0
51	30.0	9.9	49.9





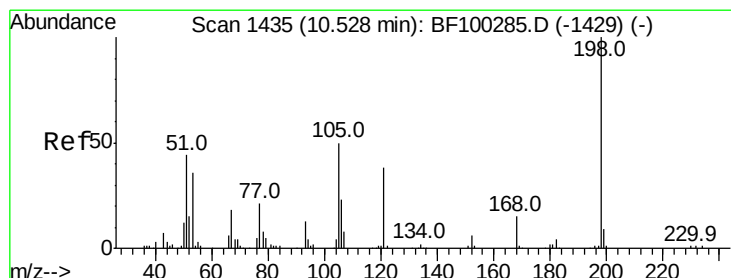
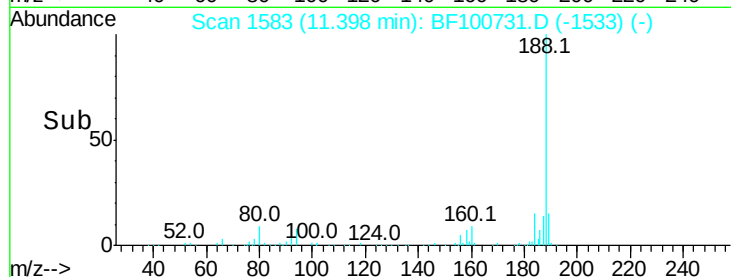
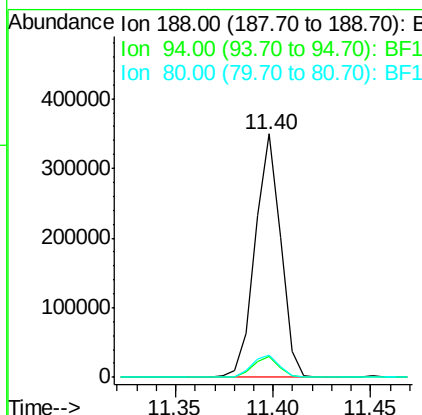
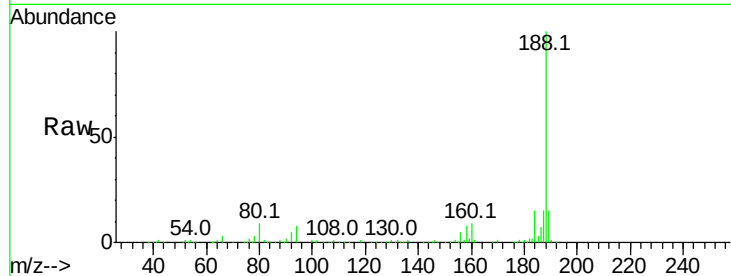
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	317434		
94	8.5	8.5	12.7#	
80	9.3	9.2	13.8	

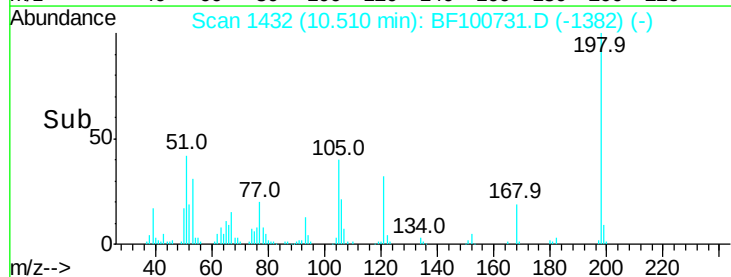
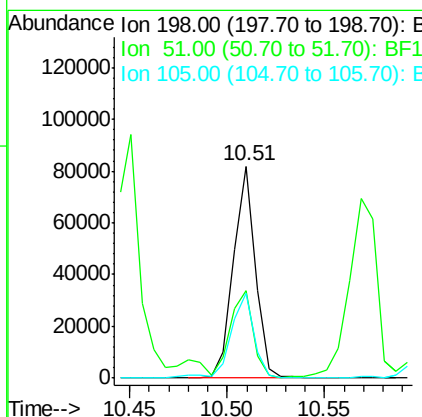
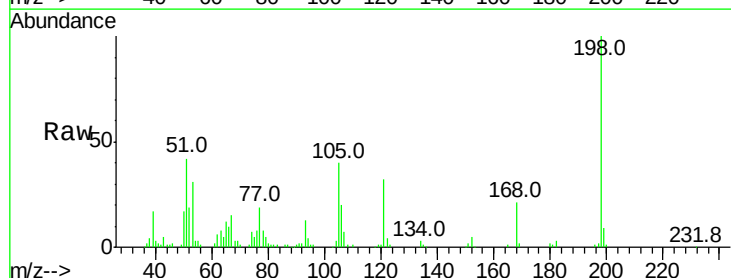
Manual Integrations
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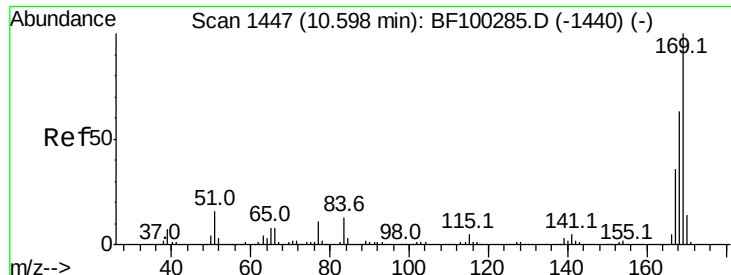
SOHIL
11/21/2017 2:15:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.463 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	64178		
51	41.5	37.7	77.7	
105	40.2	36.3	76.3	





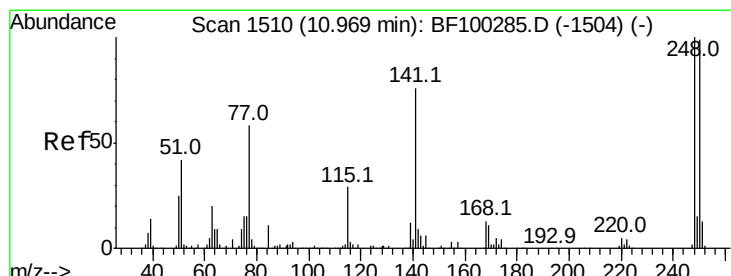
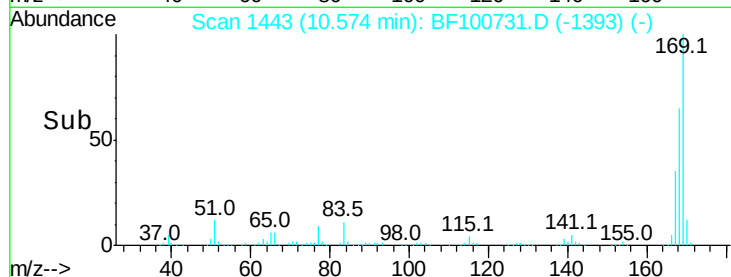
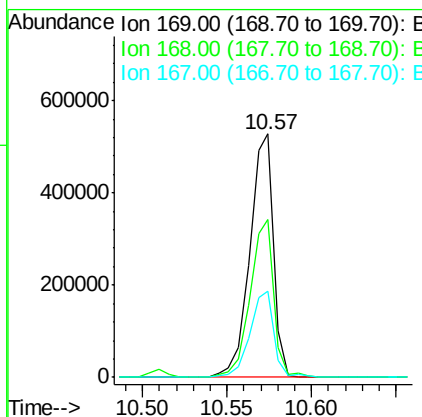
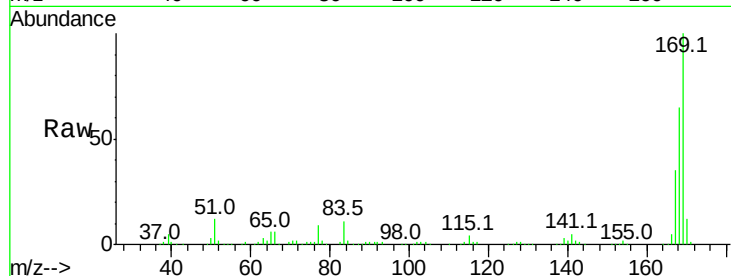
#65
 n-Nitrosodiphenylamine
 Concen: 46.855 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	517159		
168	64.6		54.4	81.6
167	35.2		29.8	44.6

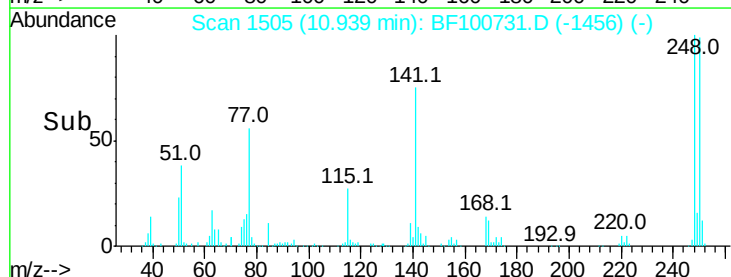
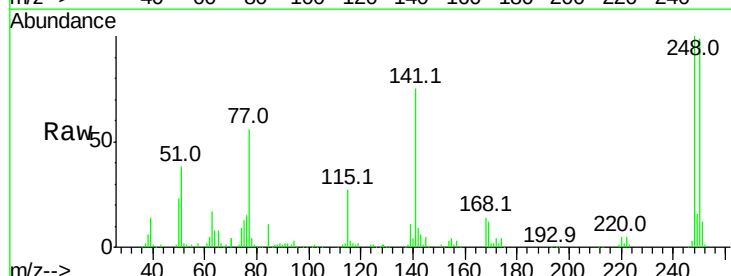
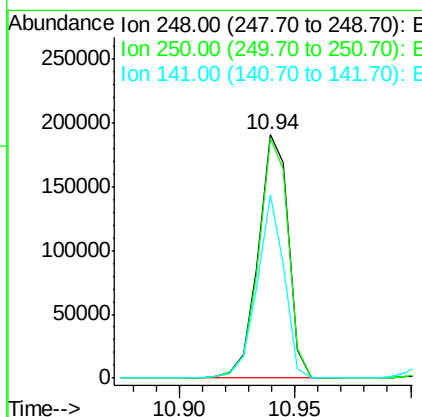
Manual Integrations
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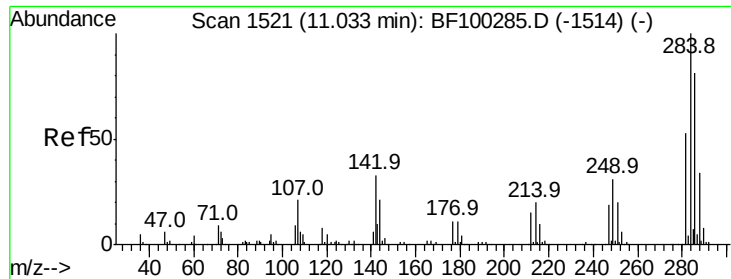
SOHIL
 11/21/2017 2:15:17 PM



#66
 4-Bromophenyl-phenylether
 Concen: 50.940 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173340		
250	98.6		76.9	115.3
141	75.2		74.4	111.6





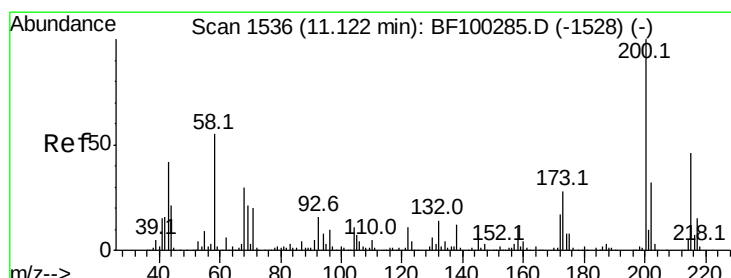
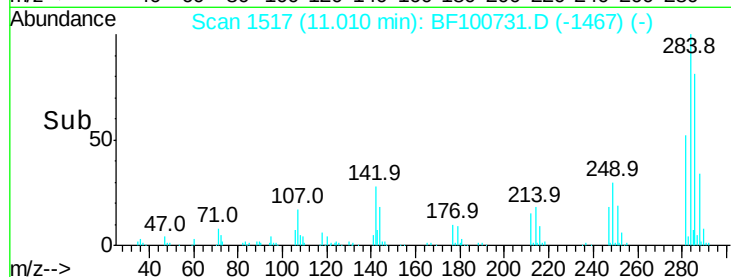
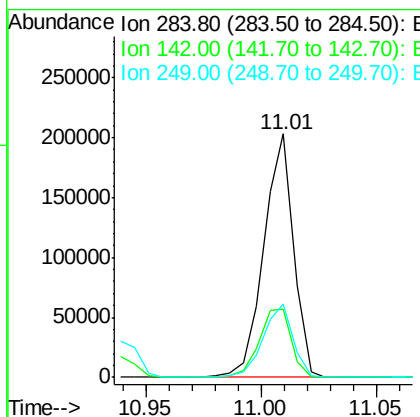
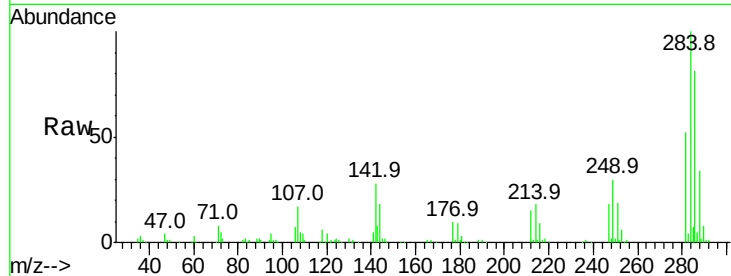
#67
Hexachlorobenzene
Concen: 50.960 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.2	34.6	52.0	
249	30.2	24.8	37.2	

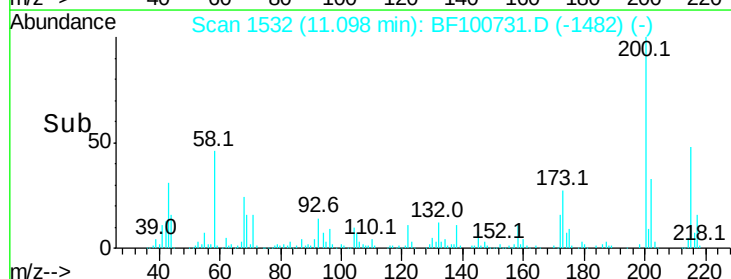
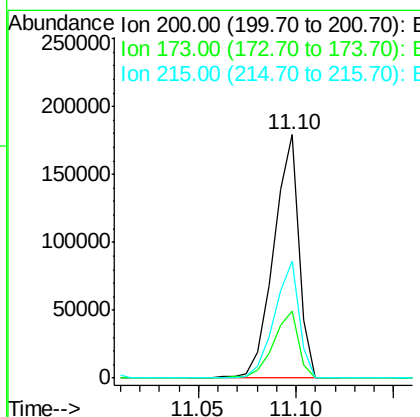
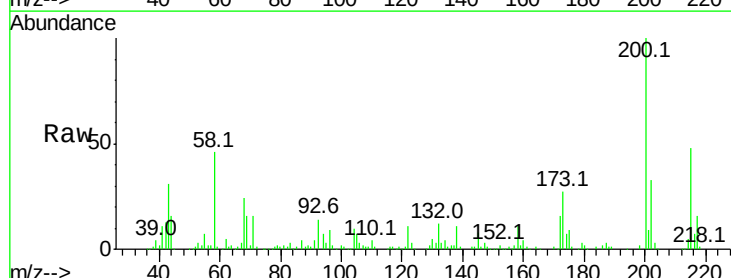
Manual Integrations
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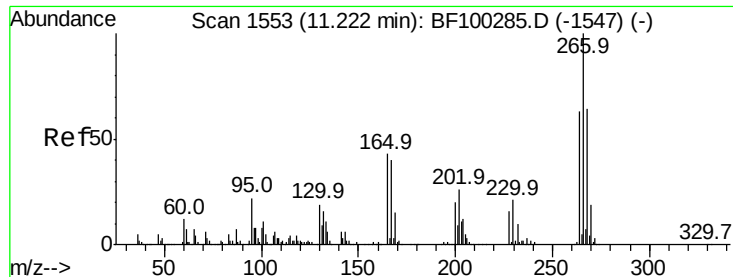
SOHIL
11/21/2017 2:15:17 PM



#68
Atrazine
Concen: 48.028 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.4	8.6	48.6	
215	48.2	25.1	65.1	





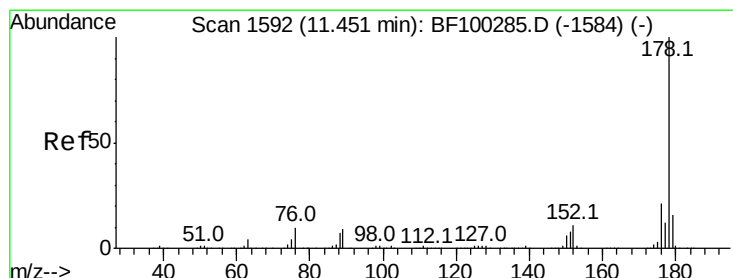
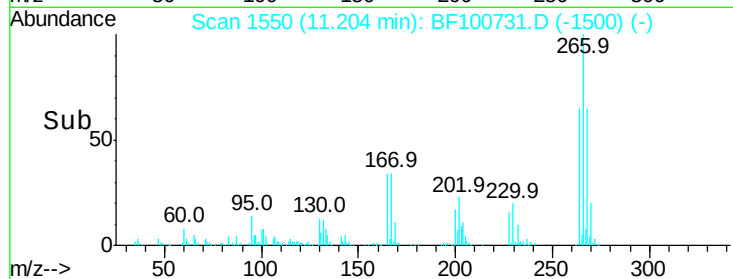
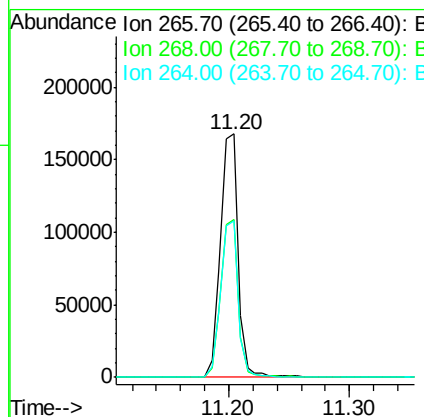
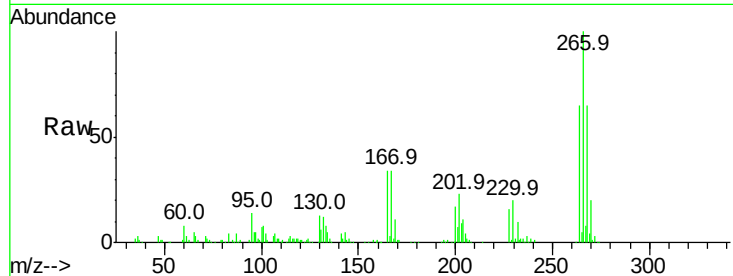
#69
 Pentachlorophenol
 Concen: 66.263 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169101		
268	64.8	51.1	76.7	
264	64.5	49.5	74.3	

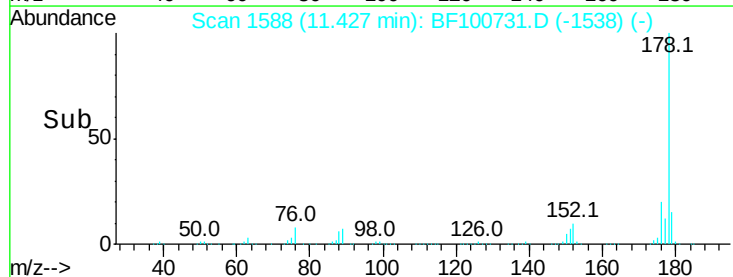
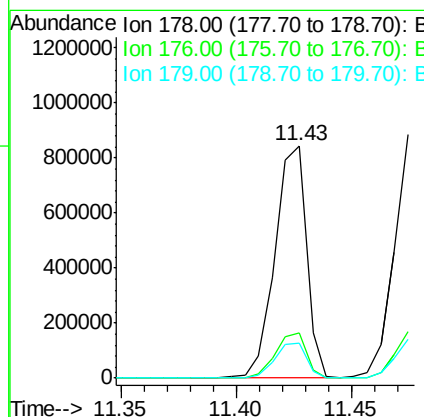
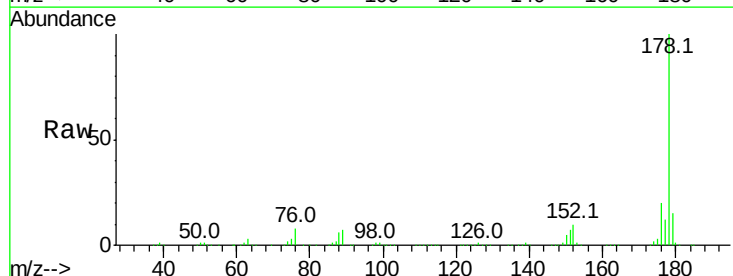
Manual Integrations
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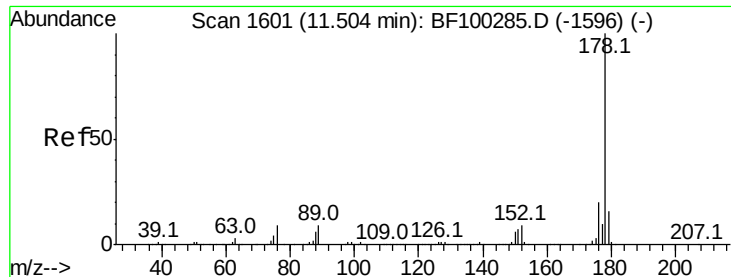
SOHIL
 11/21/2017 2:15:17 PM



#70
 Phenanthrene
 Concen: 48.055 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	803153		
176	19.7	15.8	23.8	
179	15.1	13.0	19.6	





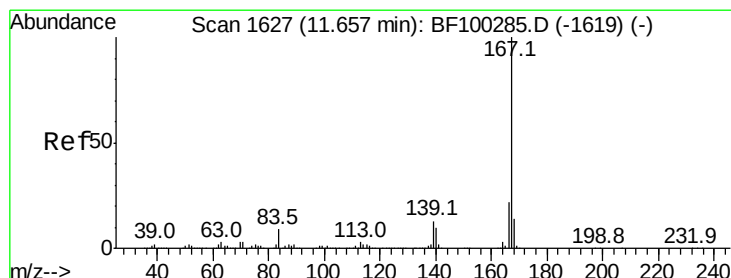
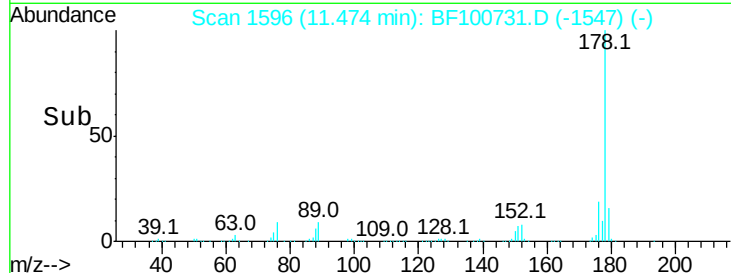
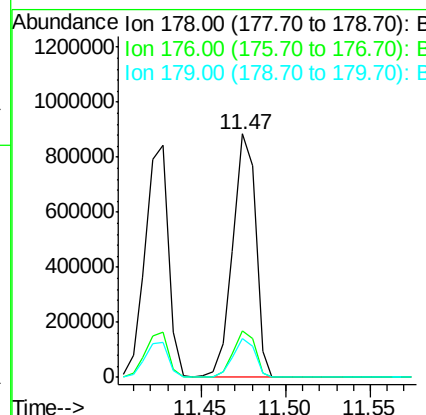
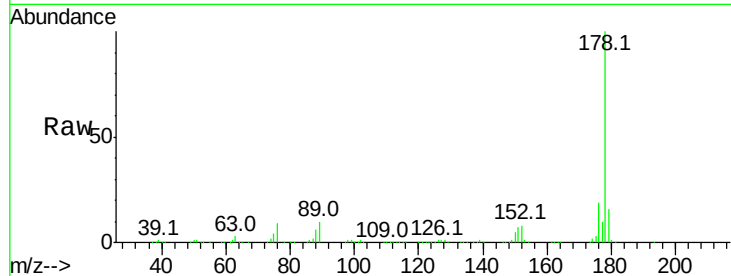
#71
 Anthracene
 Concen: 49.232 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.6	19.0

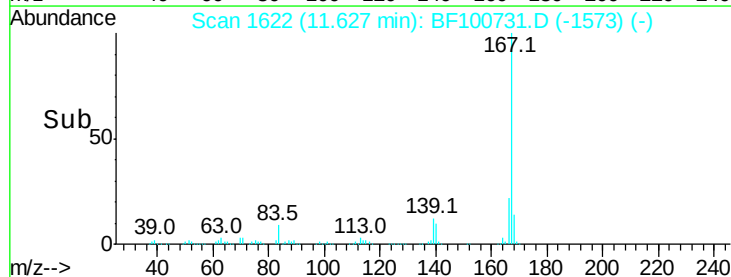
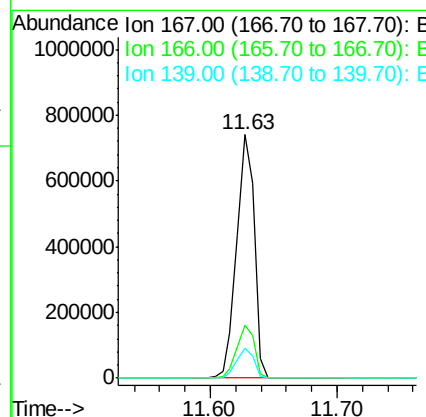
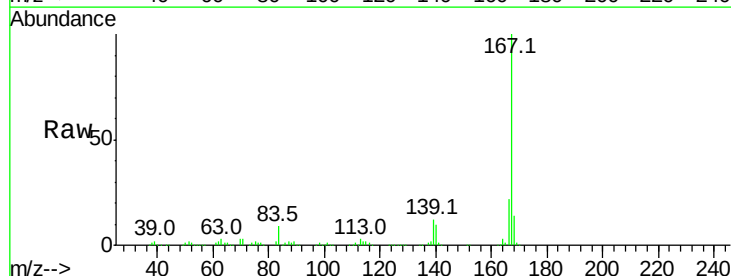
Manual Integrations
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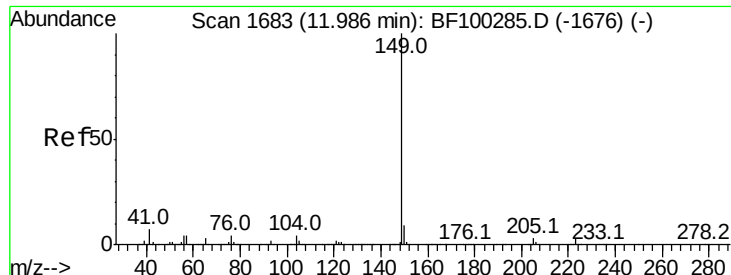
SOHIL
 11/21/2017 2:15:17 PM



#72
 Carbazole
 Concen: 45.028 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.4	10.9	16.3





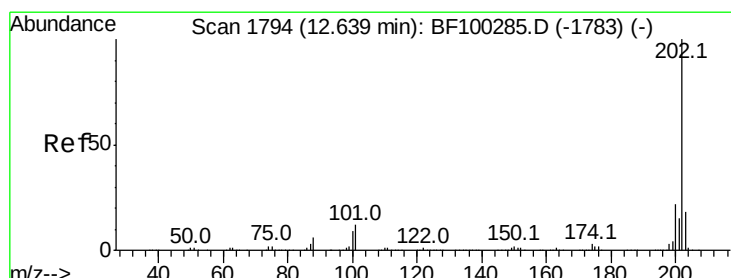
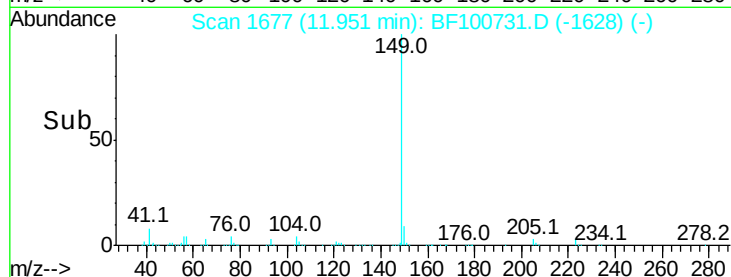
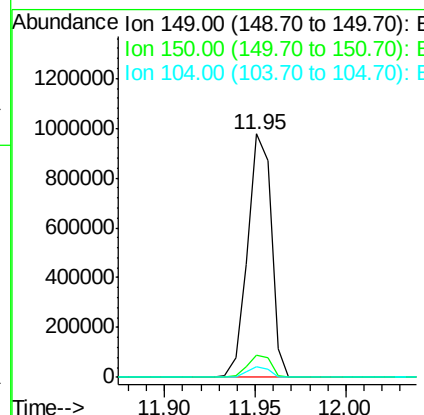
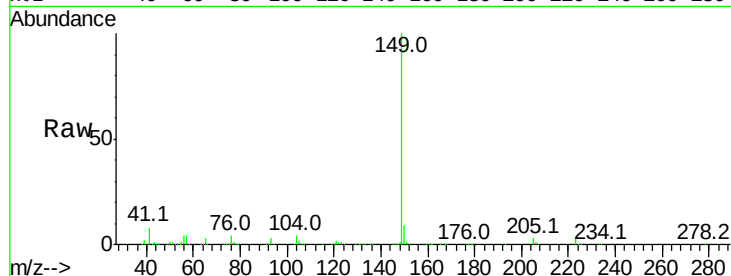
#73
Di-n-butylphthalate
Concen: 48.381 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.2	3.8	5.8	

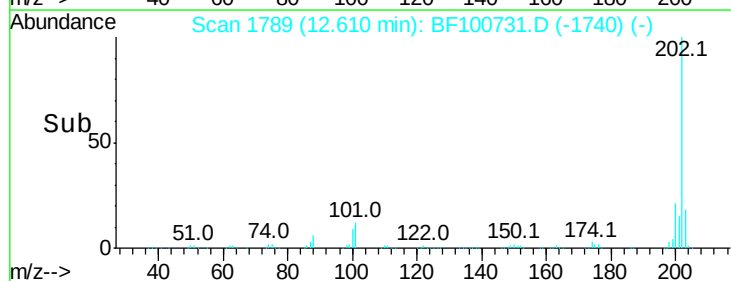
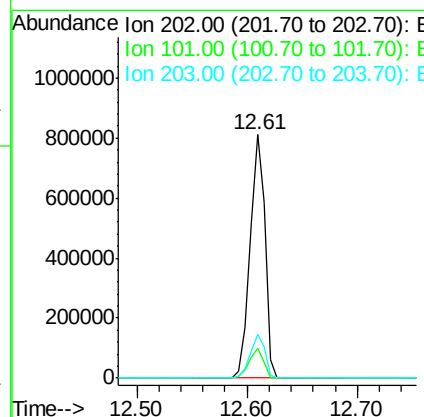
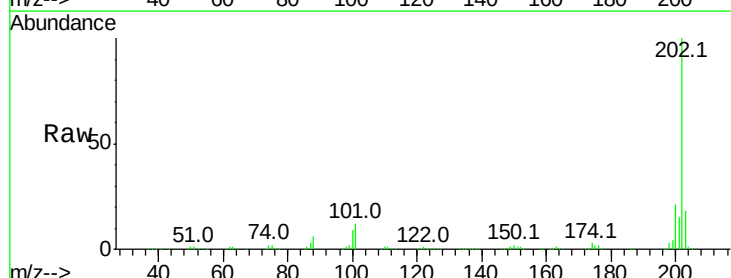
Manual Integrations
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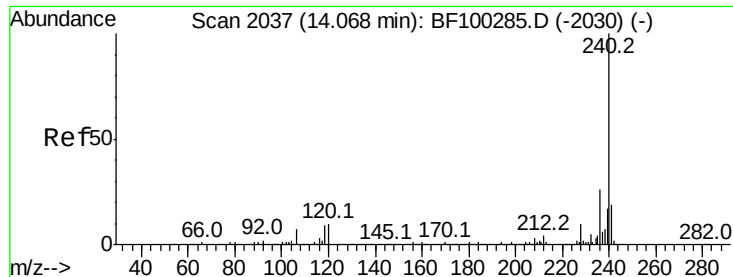
SOHIL
11/21/2017 2:15:17 PM



#74
Fluoranthene
Concen: 43.522 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.4	0.0	34.1	
203	18.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

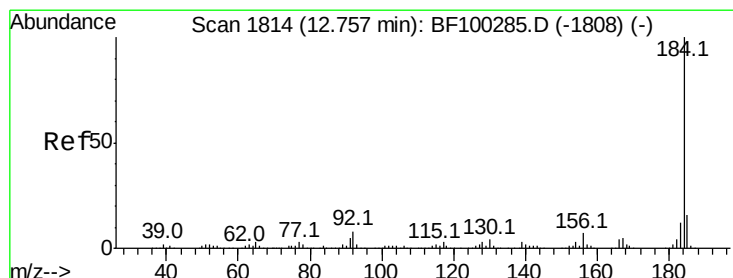
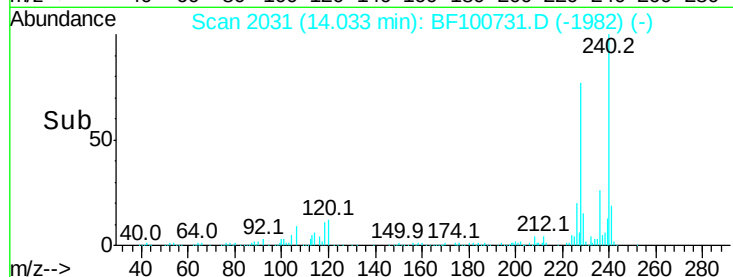
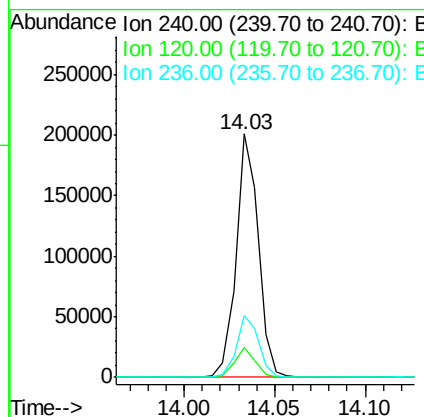
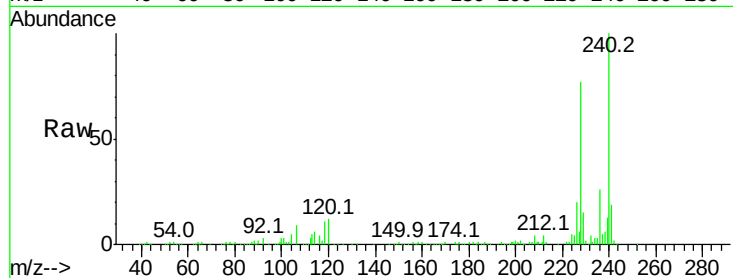
ClientSampleId :

PB104346BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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SOHIL
11/21/2017 2:15:17 PM



#76

Benzidine

Concen: 39.442 ng

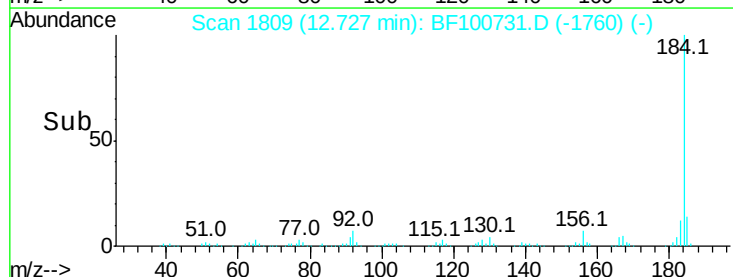
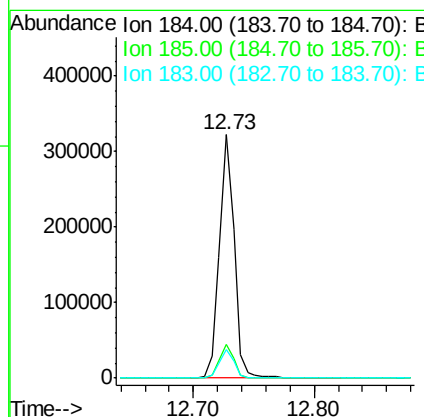
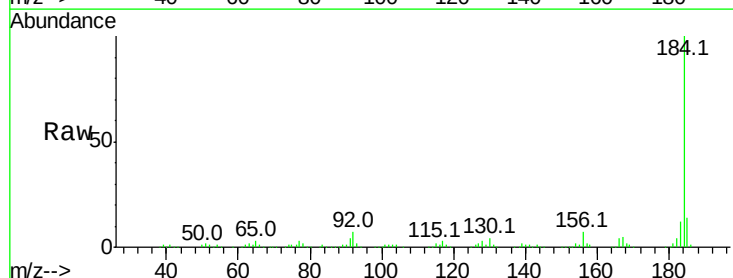
RT: 12.73 min Scan# 1809

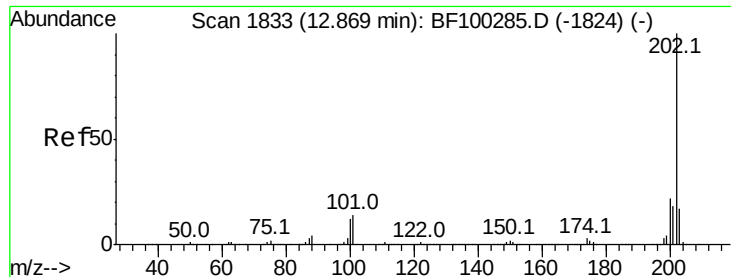
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 62.075 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Instrument :

BNA_F

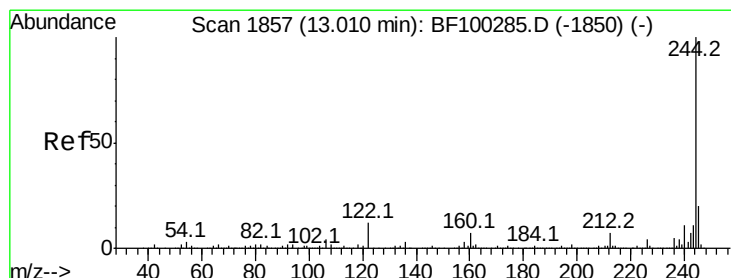
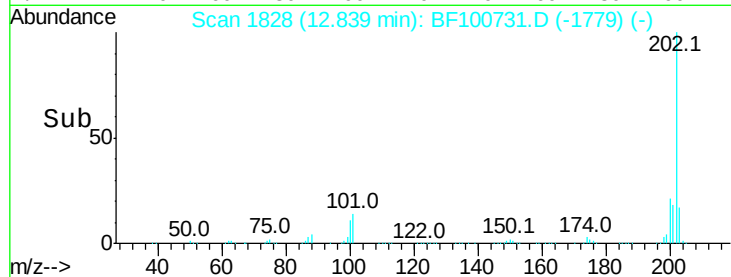
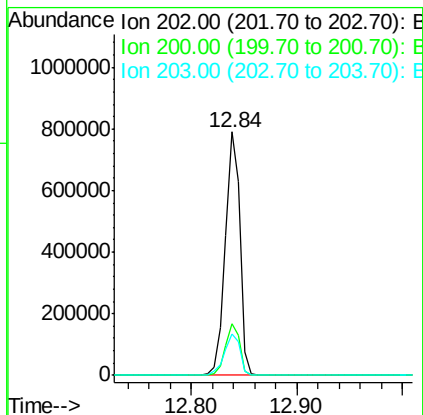
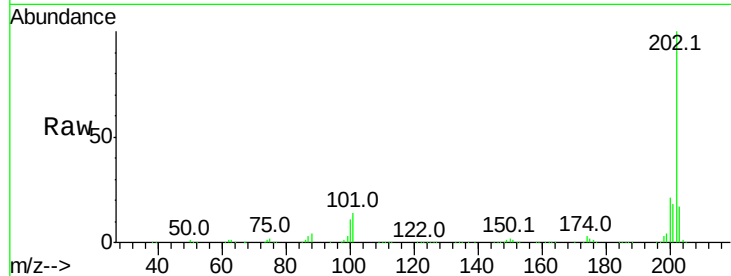
ClientSampled :

PB104346BS

Tot Ion:	202	Resp:	757771
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 124.667 ng

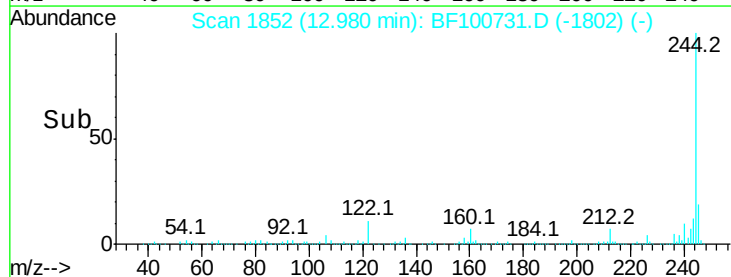
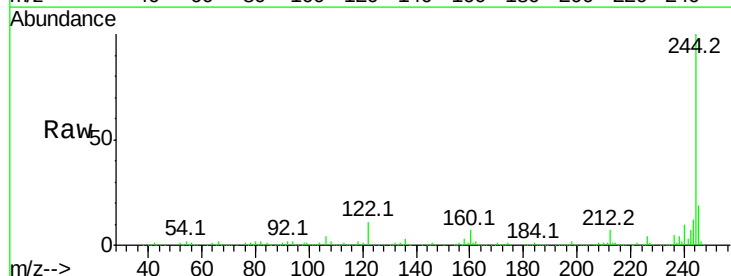
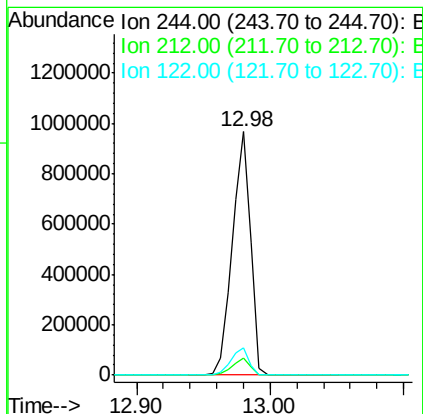
RT: 12.98 min Scan# 1852

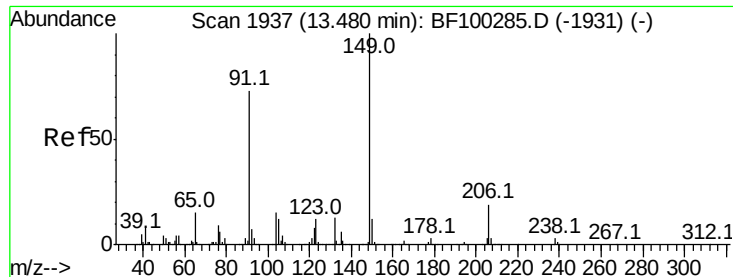
Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tgt Ion:	244	Resp:	929148
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	11.4	11.0	16.4





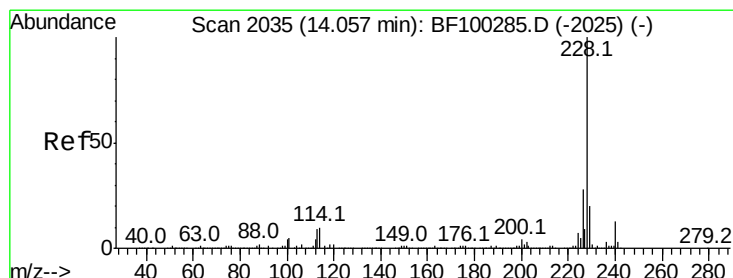
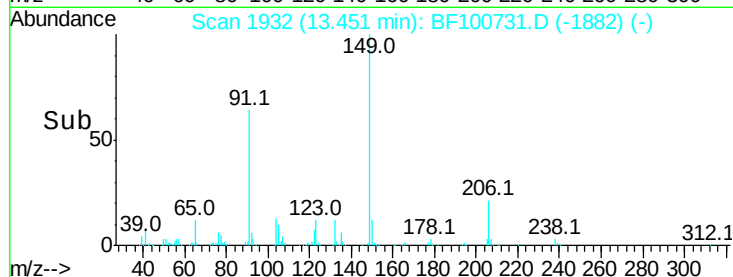
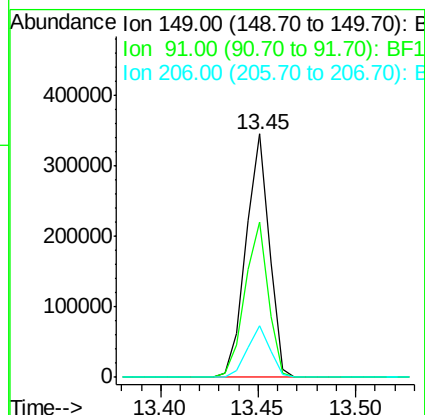
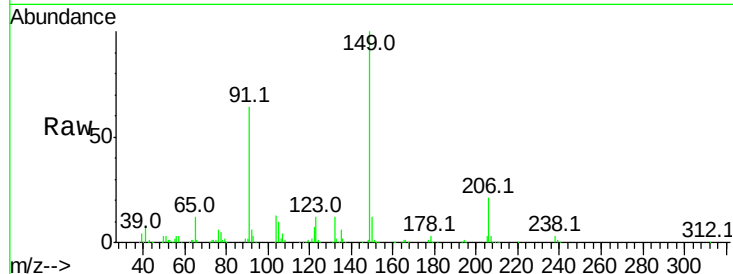
#79
Butylbenzylphthalate
Concen: 57.617 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	286834		
91	63.6	56.8	85.2	
206	21.0	14.1	21.1	

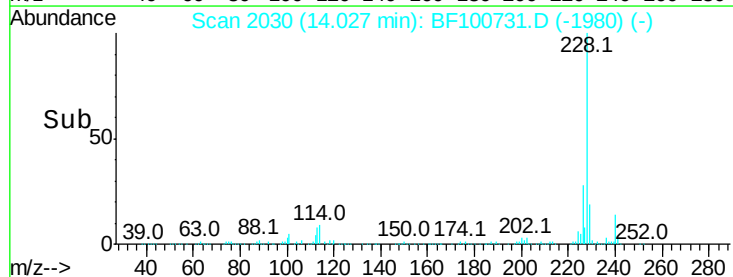
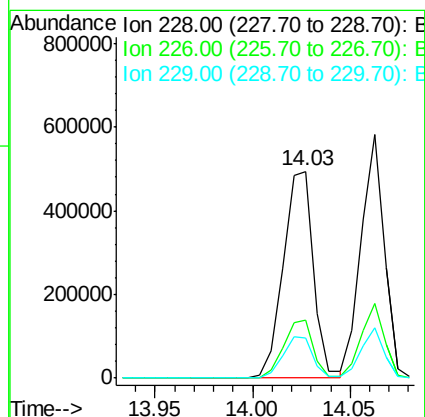
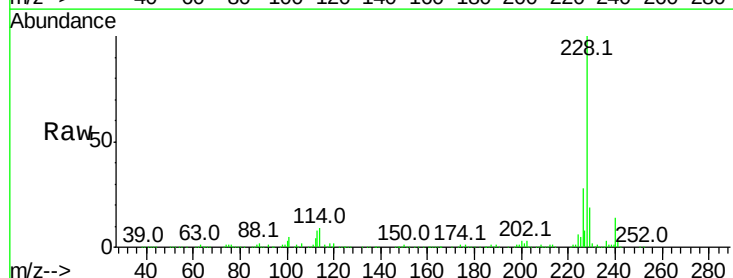
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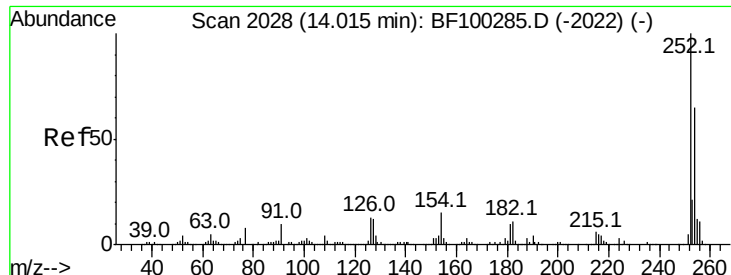
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#80
Benzo(a)anthracene
Concen: 51.426 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	530337		
226	27.8	22.6	33.8	
229	19.5	15.8	23.6	





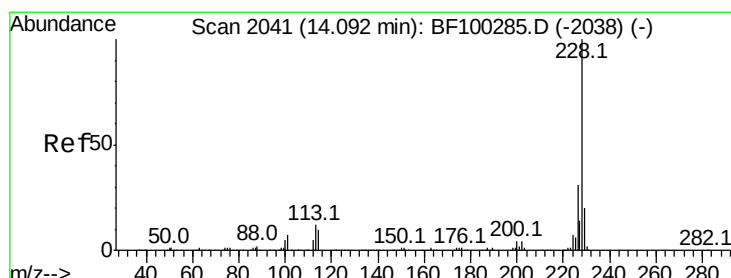
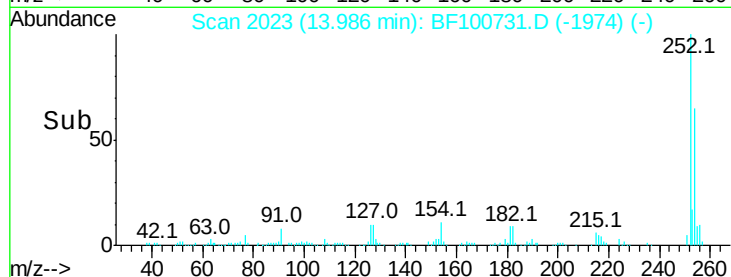
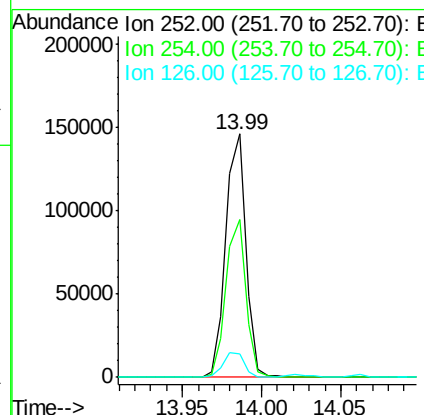
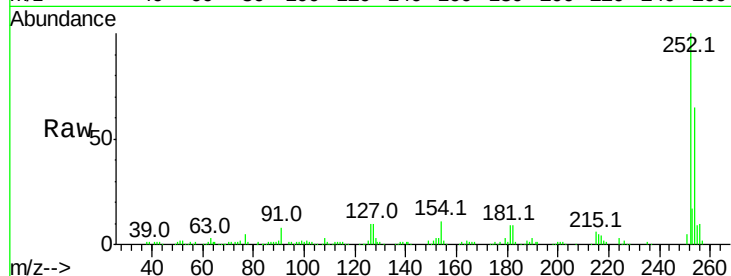
#81
 3,3'-Dichlorobenzidine
 Concen: 34.983 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.4	75.6
126	9.9	11.3	16.9

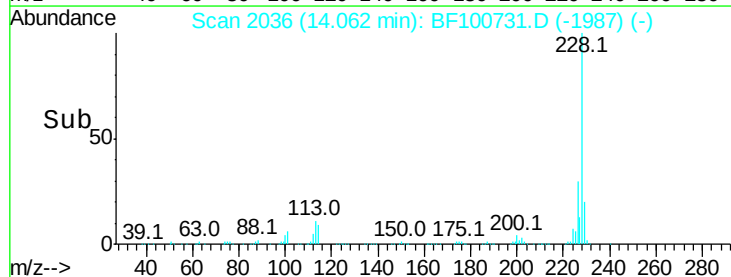
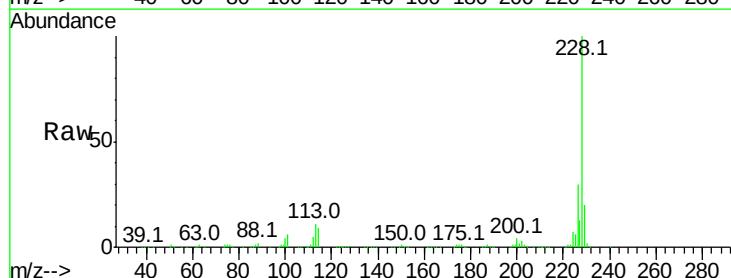
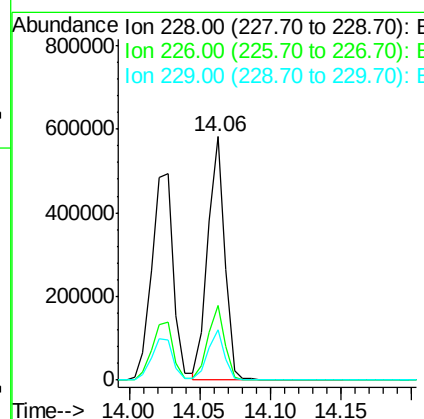
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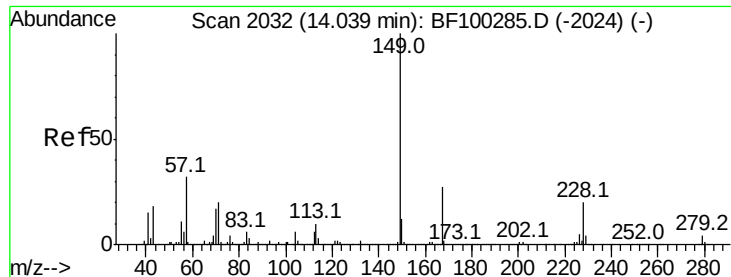
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#82
 Chrysene
 Concen: 48.519 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.5	16.2	24.4





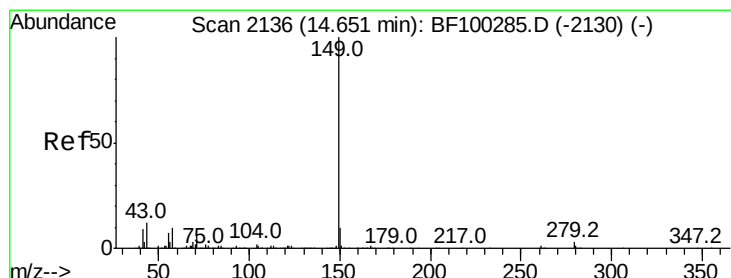
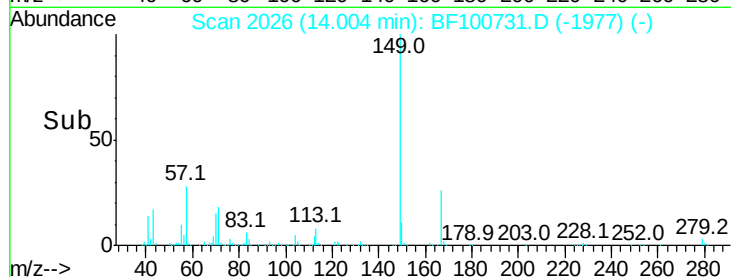
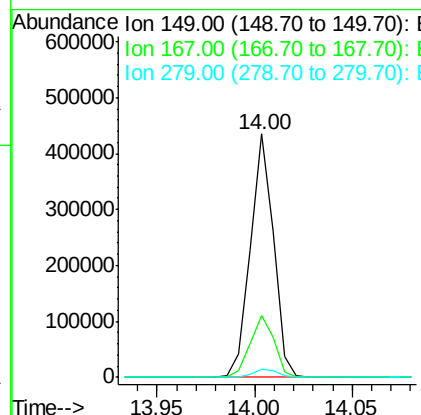
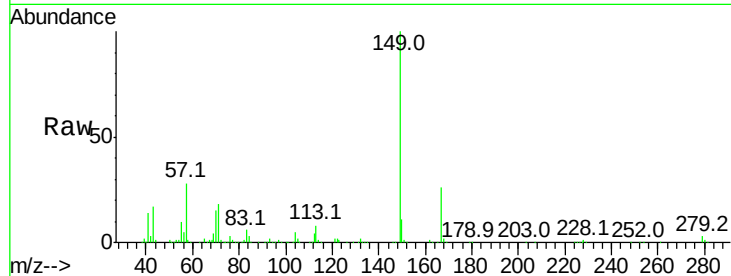
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.660 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Instrument :
 BNA_F
 ClientSampleId :
 PB104346BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	357899		
167	25.6	21.3	31.9	
279	3.5	3.0	4.4	

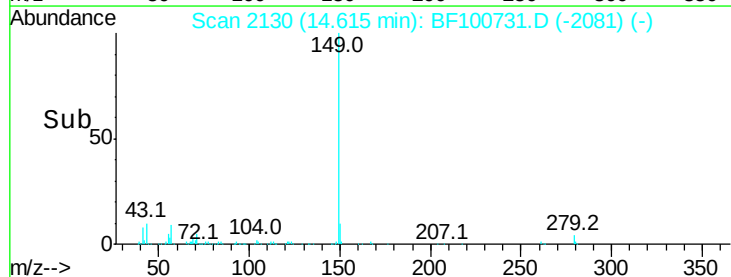
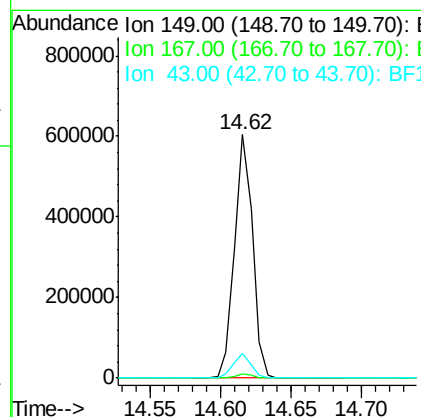
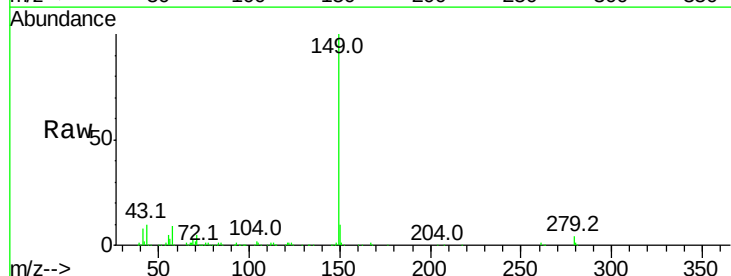
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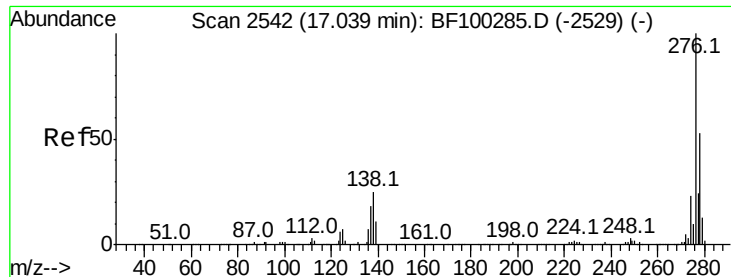
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#84
 Di-n-octyl phthalate
 Concen: 48.005 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100731.D
 Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	539981		
167	1.5	1.2	1.8	
43	9.6	8.4	12.6	





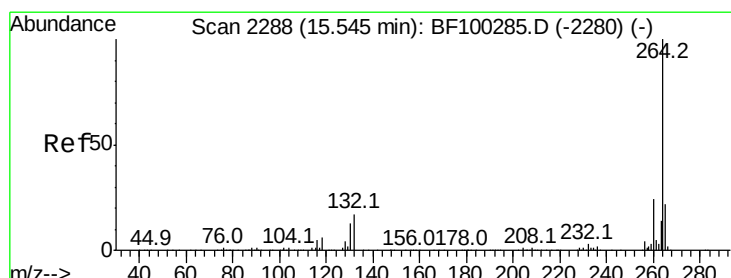
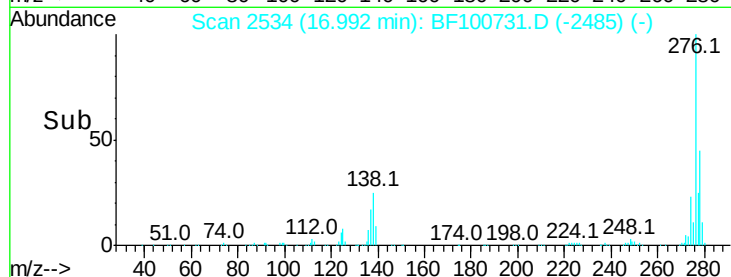
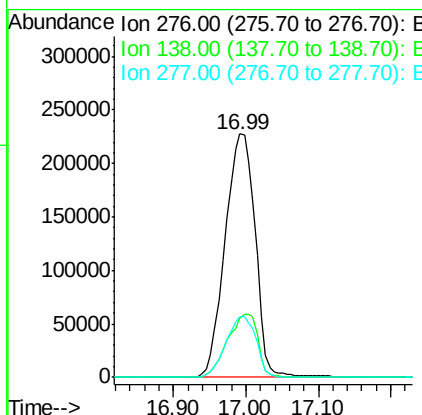
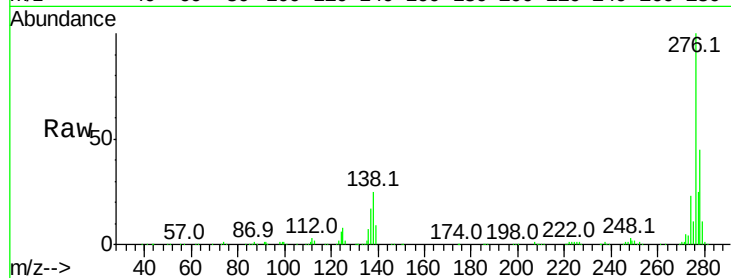
#85
Indeno(1,2,3-cd)pyrene
Concen: 81.272 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	25.0	37.6
277	25.0	20.1	30.1

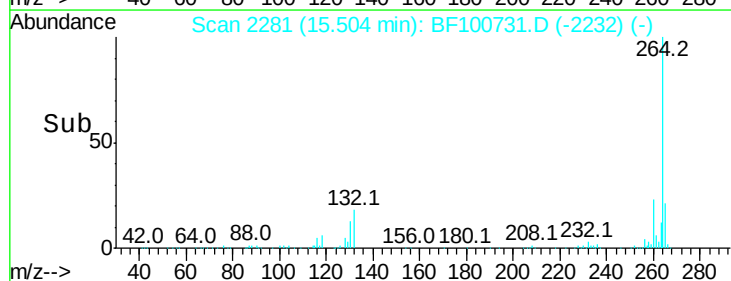
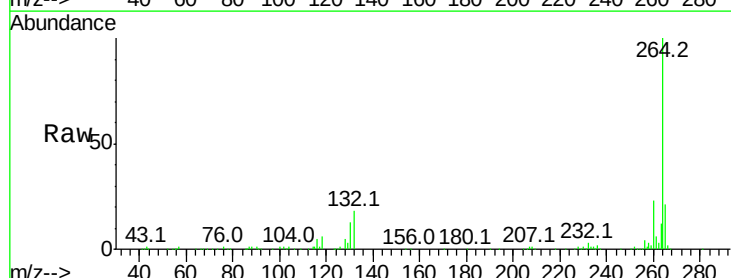
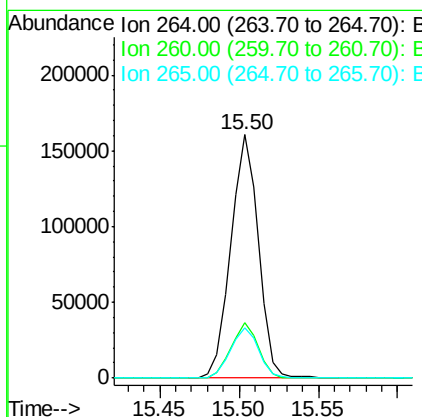
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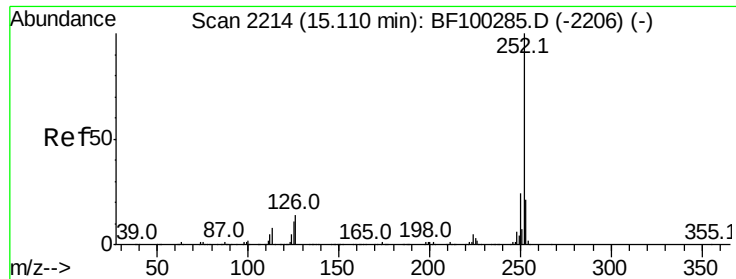
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.8	17.5	26.3





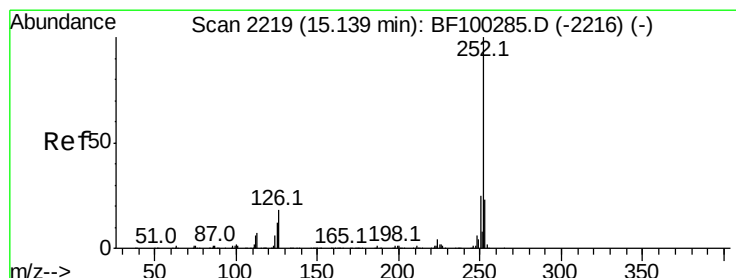
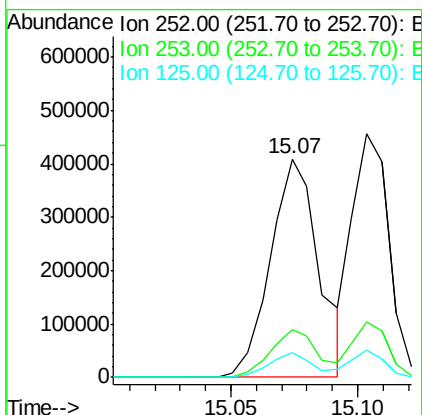
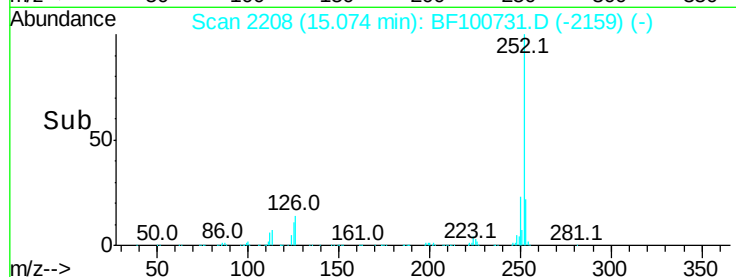
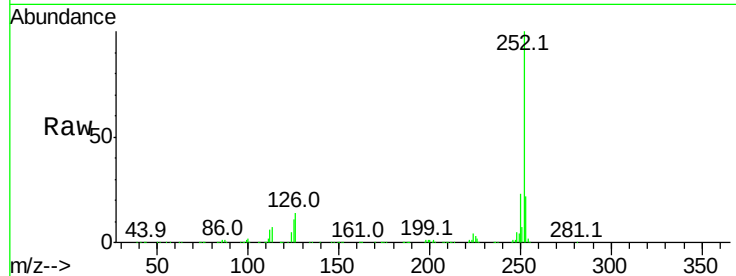
#87
Benzo(b)fluoranthene
Concen: 47.494 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampleId :
PB104346BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.1	9.0	13.6

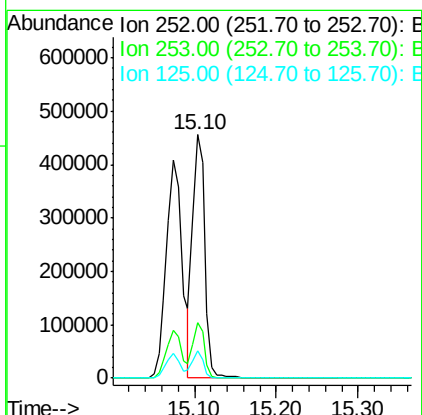
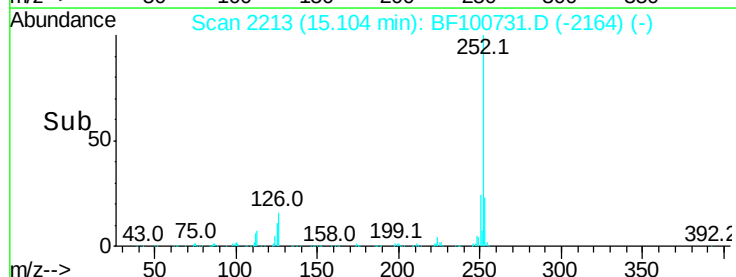
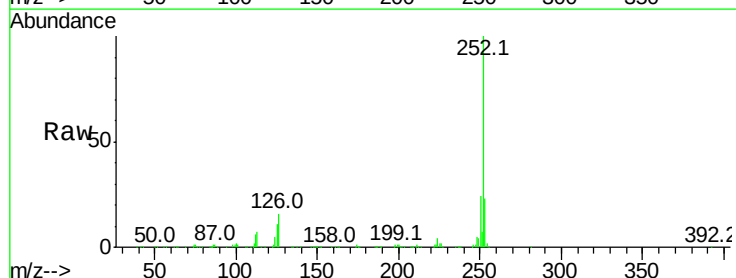
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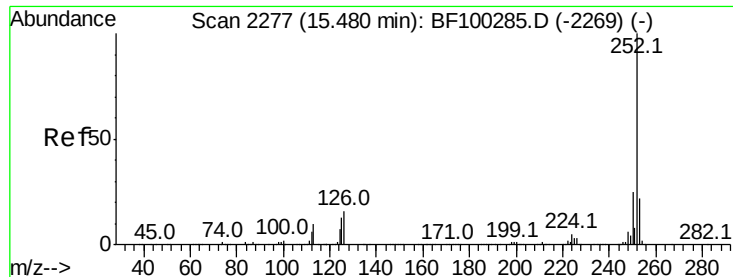
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#88
Benzo(k)fluoranthene
Concen: 43.461 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.2	10.2	15.2





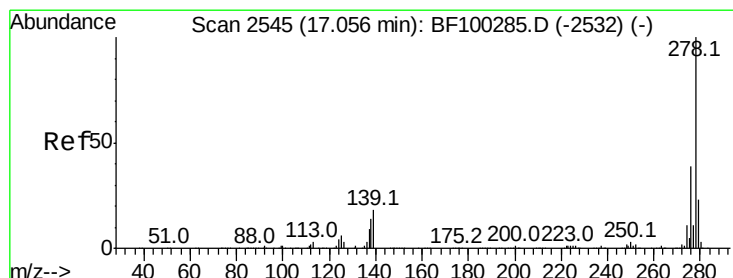
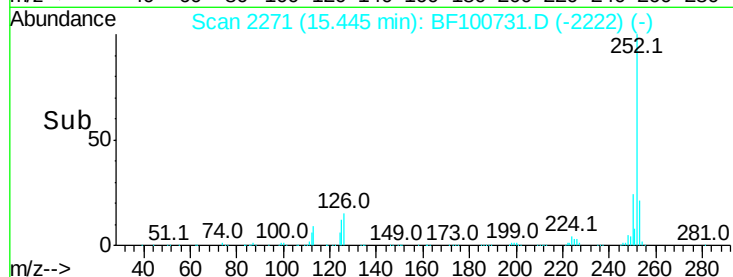
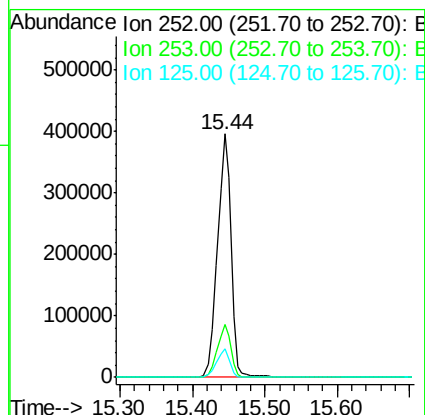
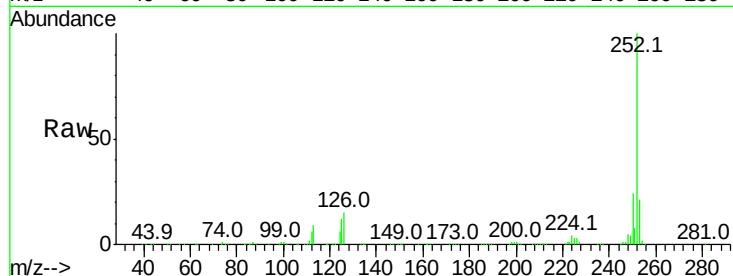
#89
Benzo(a)pyrene
Concen: 50.716 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Instrument :
BNA_F
ClientSampled :
PB104346BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	11.7	9.8	14.6

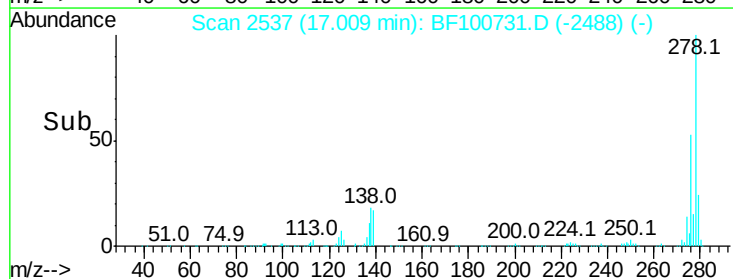
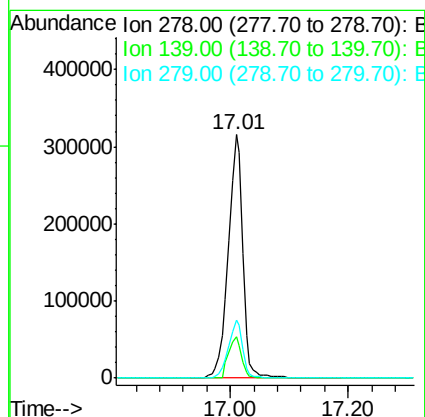
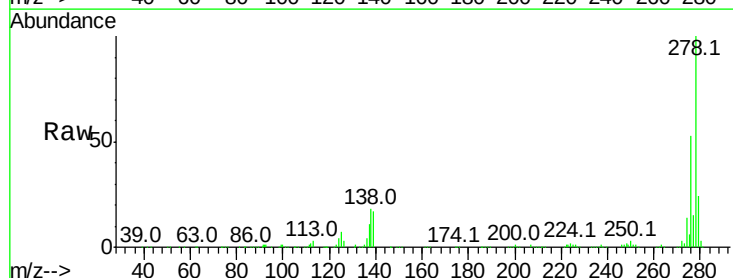
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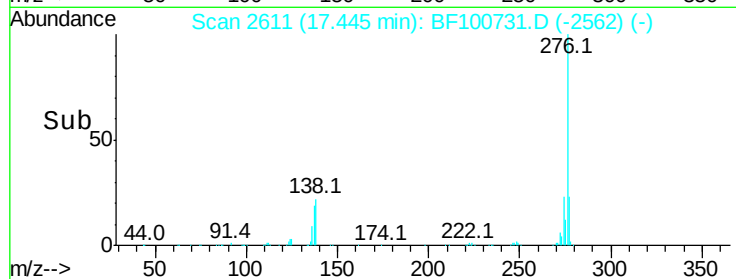
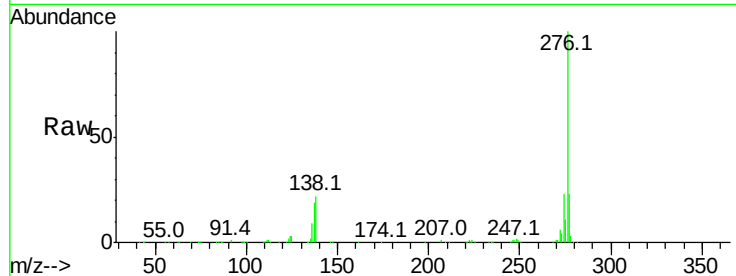
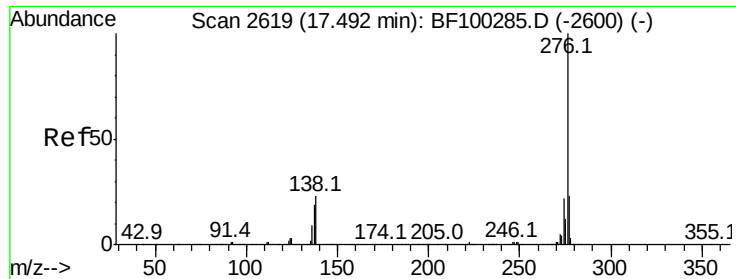
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#90
Dibenzo(a,h)anthracene
Concen: 65.247 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100731.D
Acq: 20 Nov 2017 15:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 70.110 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF100731.D

Acq: 20 Nov 2017 15:37

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	22.9	17.9	26.9	
138	22.1	21.8	32.8	

Instrument :

BNA_F

ClientSampleId :

PB104346BS

Manual Integrations
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