

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100308.D
 Acq On : 8 Nov 2017 22:46
 Operator : SJ/JU
 Sample : I6354-03MSD 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:41:53 PM

Quant Time: Nov 09 09:28:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	206582	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	795205	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	326953	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	506190	20.00	ng	0.00
75) Chrysene-d12	14.06	240	406758	20.00	ng	-0.01
86) Perylene-d12	15.54	264	398818	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	314014	24.37	ng	0.00
7) Phenol-d6	6.51	99	370684	23.33	ng	-0.01
23) Nitrobenzene-d5	7.46	82	207398	17.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	68740	20.63	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	429091	19.98	ng	0.00
78) Terphenyl-d14	13.00	244	274612	15.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	42702	6.799	ng	96
3) Pyridine	3.52	79	95776	5.590	ng	92
4) n-Nitrosodimethylamine	3.43	42	58953	7.086	ng	# 98
6) Aniline	6.56	93	62654	2.791	ng	97
8) 2-Chlorophenol	6.68	128	114995	8.435	ng	98
9) Benzaldehyde	6.45	77	66817	5.887	ng	94
10) Phenol	6.52	94	144503	8.662	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	113233	8.081	ng	93
12) 1,3-Dichlorobenzene	6.84	146	130214	8.284	ng	98
13) 1,4-Dichlorobenzene	6.92	146	132929	8.356	ng	96
14) 1,2-Dichlorobenzene	7.07	146	122827	8.350	ng	98
15) Benzyl Alcohol	7.03	79	96861	7.810	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	201390	8.986	ng	98
17) 2-Methylphenol	7.14	107	92900	7.974	ng	99
18) Hexachloroethane	7.42	117	39995	7.625	ng	87
19) n-Nitroso-di-n-propylamine	7.30	70	81981	7.439	ng	91
20) 3+4-Methylphenols	7.29	107	119321	8.093	ng	95
22) Acetophenone	7.30	105	163443	8.429	ng	99
24) Nitrobenzene	7.47	77	114976	9.287	ng	96
25) Isophorone	7.72	82	213224	8.436	ng	100
26) 2-Nitrophenol	7.79	139	44977	12.259	ng	97
27) 2,4-Dimethylphenol	7.82	122	102455	9.042	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	140296	8.486	ng	98
29) 2,4-Dichlorophenol	8.03	162	87210	8.063	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	99075	8.468	ng	93
31) Naphthalene	8.20	128	324091	8.462	ng	98
32) Benzoic acid	7.85	122	6071m	9.934	ng	
33) 4-Chloroaniline	8.25	127	46622	2.924	ng	96
34) Hexachlorobutadiene	8.32	225	58772	8.448	ng	99
35) Caprolactam	8.58	113	20564	5.540	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	87696	7.549	ng	99
37) 2-Methylnaphthalene	8.89	142	213076	8.379	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	96710	8.919	ng	# 97
40) Hexachlorocyclopentadiene	9.05	237	21587	4.230	ng	97

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Manual Integrations
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Quant Time: Nov 09 09:28:32 2017
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 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	58644	8.533	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	59268	8.324	nq	92
45) 1,1'-Biphenyl	9.36	154	248200	8.777	nq	97
46) 2-Chloronaphthalene	9.38	162	185991	9.066	nq	96
47) 2-Nitroaniline	9.47	65	47311	10.136	nq	87
48) Acenaphthylene	9.80	152	275775	8.112	nq	99
49) Dimethylphthalate	9.65	163	222573	8.916	nq	99
50) 2,6-Dinitrotoluene	9.71	165	38011	7.692	nq	93
51) Acenaphthene	9.97	154	163154	7.891	nq	98
52) 3-Nitroaniline	9.88	138	24941	4.274	nq	91
53) 2,4-Dinitrophenol	9.98	184	2082	9.143	nq #	1
54) Dibenzofuran	10.14	168	240625	8.303	nq	99
55) 4-Nitrophenol	10.02	139	51872	10.948	nq	94
56) 2,4-Dinitrotoluene	10.11	165	43193	6.929	nq	99
57) Fluorene	10.48	166	176981	8.337	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	44702	7.660	nq #	87
59) Diethylphthalate	10.35	149	202197	8.094	nq	97
60) 4-Chlorophenyl-phenylether	10.47	204	89398	8.584	nq	92
61) 4-Nitroaniline	10.49	138	32207	5.821	nq	87
62) Azobenzene	10.63	77	192423	8.178	nq	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	3166	9.588	nq	86
65) n-Nitrosodiphenylamine	10.59	169	164635	9.354	nq	97
66) 4-Bromophenyl-phenylether	10.96	248	50267	9.264	nq	92
67) Hexachlorobenzene	11.03	284	49443	8.712	nq #	88
68) Atrazine	11.11	200	47085	8.838	nq	98
69) Pentachlorophenol	11.22	266	46485	11.423	nq	96
70) Phenanthrene	11.45	178	224258	8.414	nq	98
71) Anthracene	11.50	178	226686	8.384	nq	97
72) Carbazole	11.65	167	191502	7.676	nq	98
73) Di-n-butylphthalate	11.98	149	284701	9.751	nq	98
74) Fluoranthene	12.63	202	205926	7.291	nq	96
76) Benzidine	12.75	184	36538	2.243	nq	97
77) Pyrene	12.86	202	211111	7.281	nq	97
79) Butylbenzylphthalate	13.48	149	91840	7.767	nq #	93
80) Benzo(a)anthracene	14.05	228	198524	8.105	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	40040	4.562	nq #	98
82) Chrysene	14.09	228	190239	8.020	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	134860	8.671	nq #	98
84) Di-n-octyl phthalate	14.65	149	235866	8.828	nq	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	149639	7.799	nq	99
87) Benzo(b)fluoranthene	15.10	252	181233	7.670	nq	98
88) Benzo(k)fluoranthene	15.13	252	176845	7.921	nq	97
89) Benzo(a)pyrene	15.47	252	164398	7.848	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	127878	7.465	nq	97
91) Benzo(g,h,i)perylene	17.47	276	119618	7.133	nq	96

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

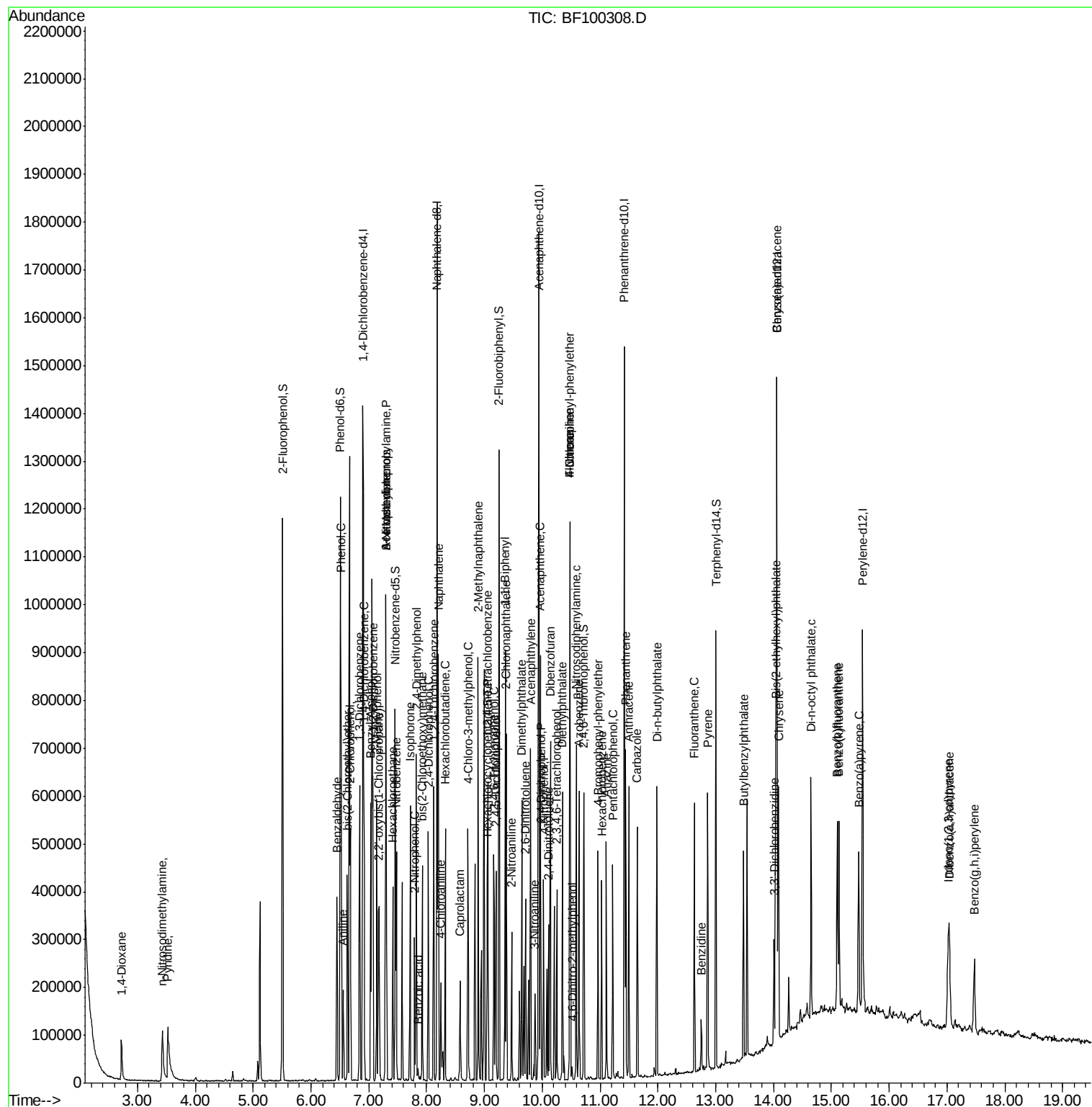
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
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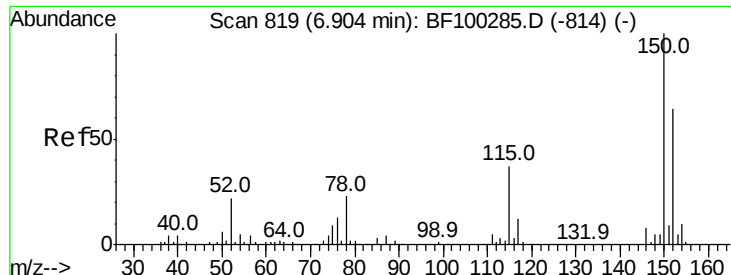
Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Manual Integrations
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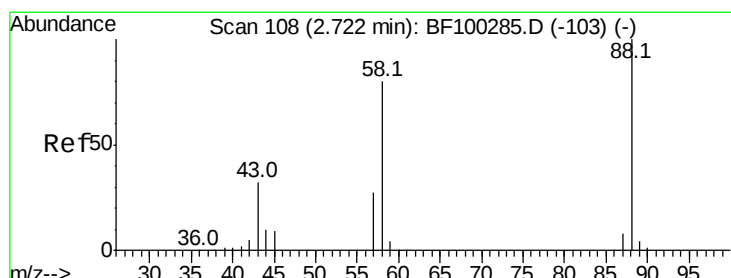
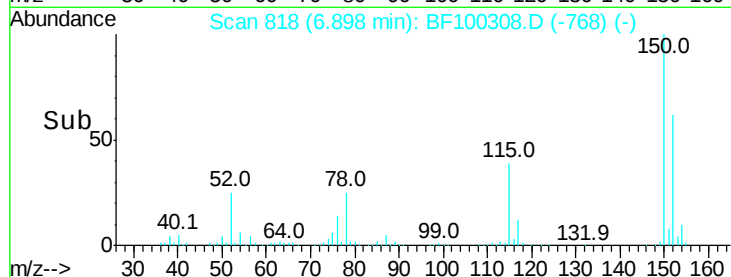
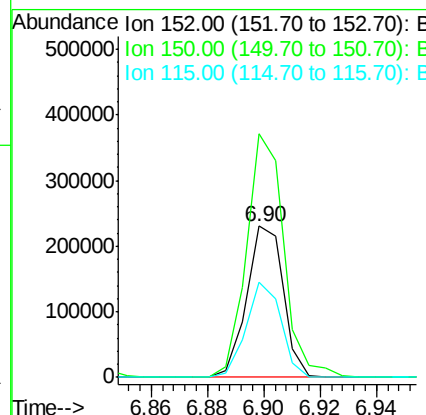
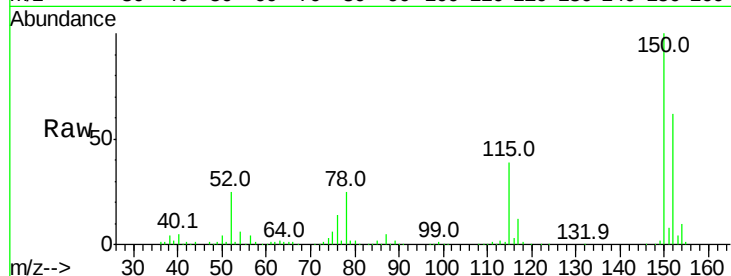
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	63.0	50.1	75.1

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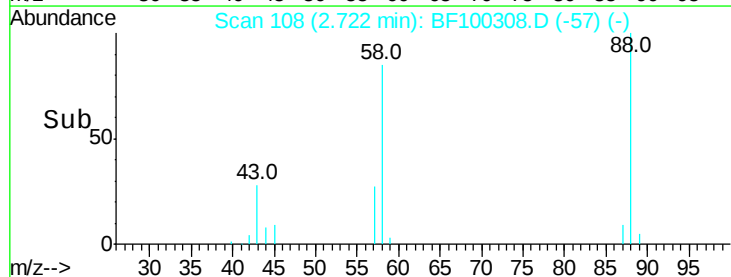
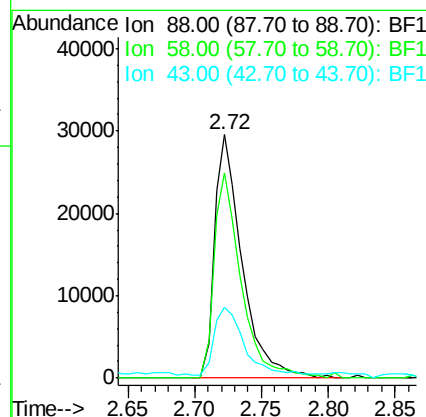
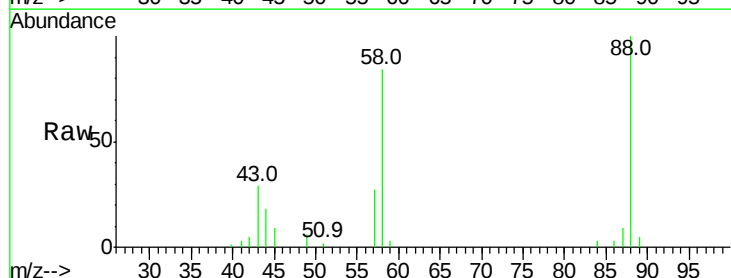
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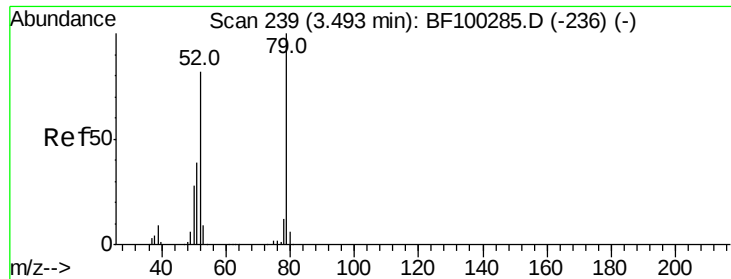


#2

1,4-Dioxane
Concen: 6.799 ng
RT: 2.72 min Scan# 108
Delta R.T. -0.00 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	62.6	93.8
43	30.8	24.6	37.0





#3

Pvridine

Concen: 5.590 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.03 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

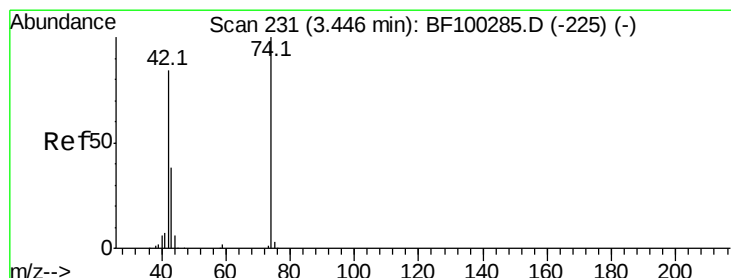
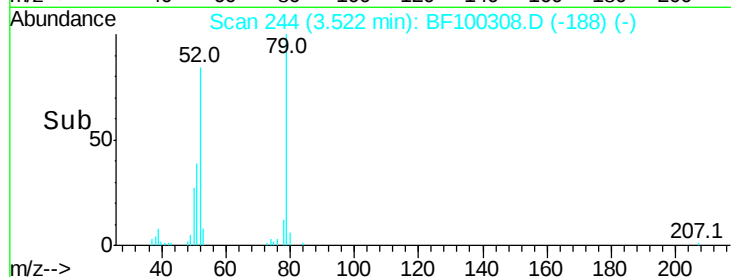
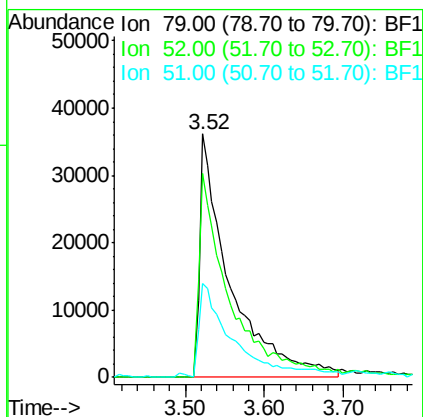
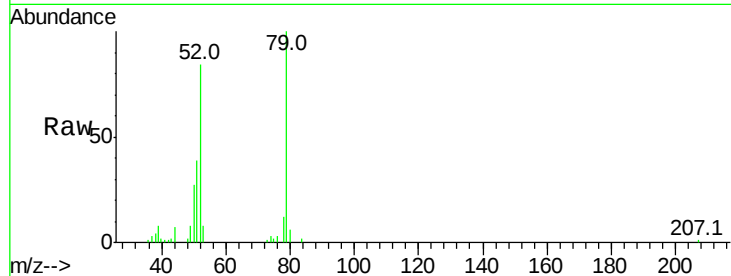
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	79	Resp:	95776
Ion Ratio	Lower	Upper	
79	100		
52	83.5	59.8	89.6
51	38.6	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 7.086 ng

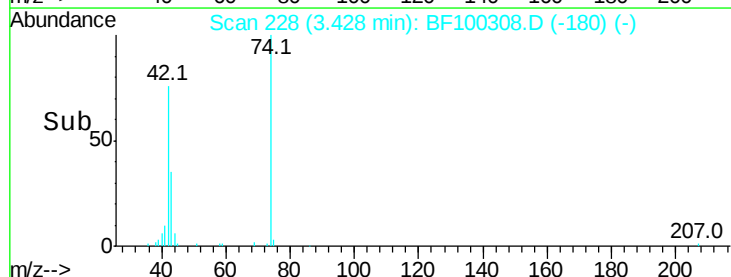
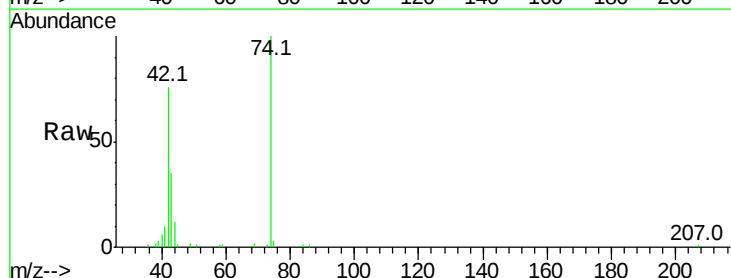
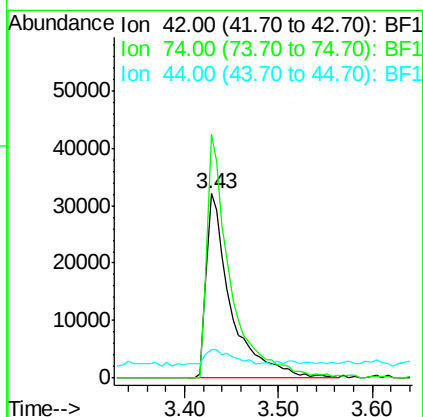
RT: 3.43 min Scan# 228

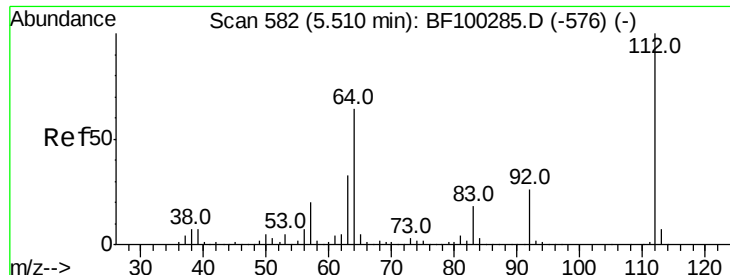
Delta R.T. -0.02 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	42	Resp:	58953
Ion Ratio	Lower	Upper	
42	100		
74	132.0	104.9	157.3
44	15.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 24.366 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

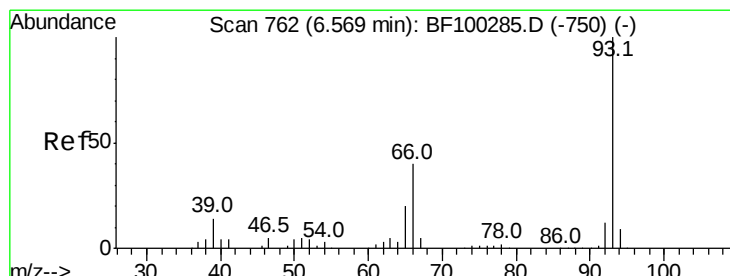
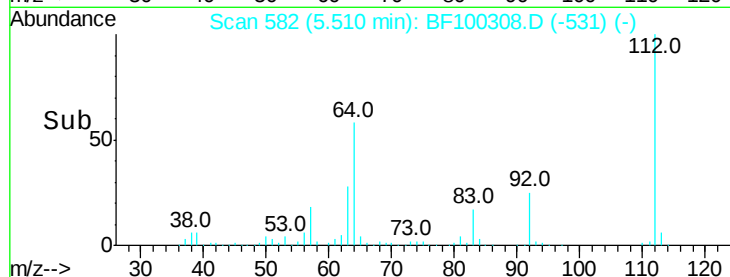
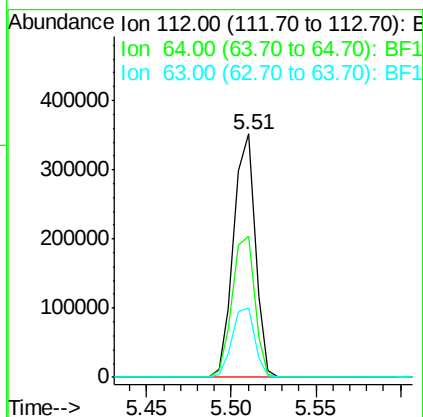
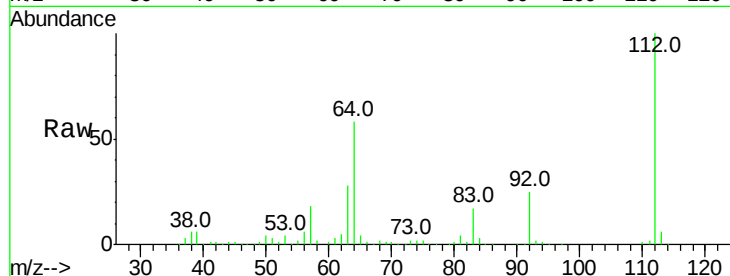
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	112	Resp:	314014
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.9	71.9
63	28.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 2.791 ng

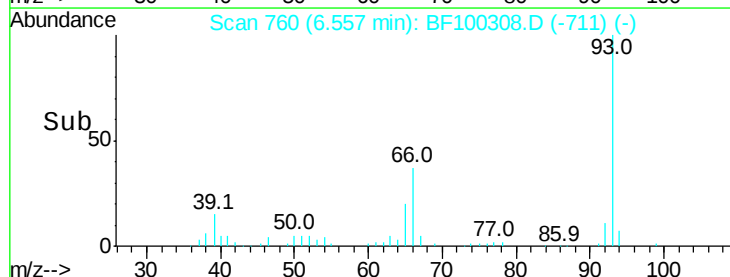
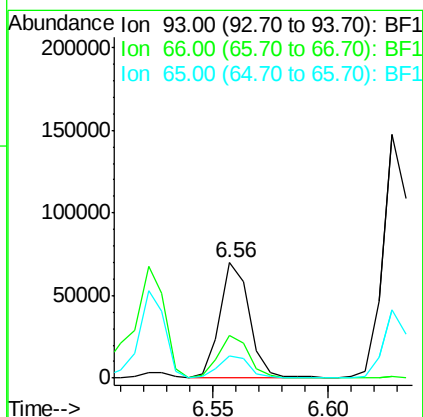
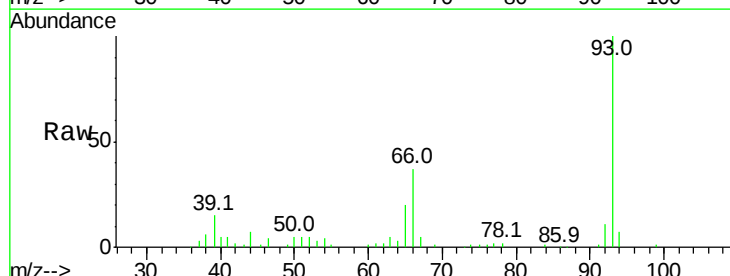
RT: 6.56 min Scan# 760

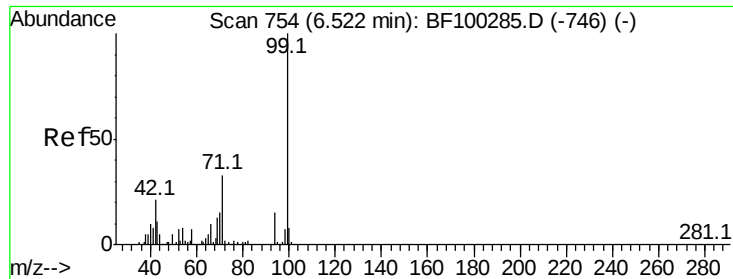
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	93	Resp:	62654
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.2	48.2
65	19.8	16.4	24.6





#7

Phenol-d6

Concen: 23.326 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

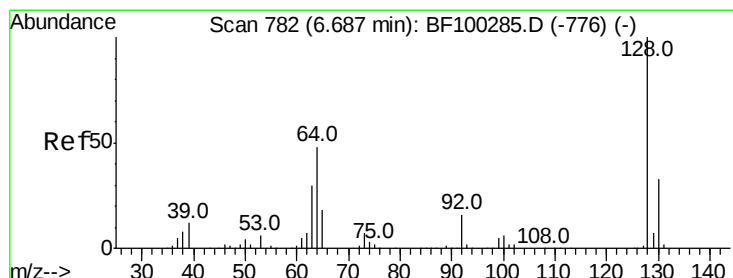
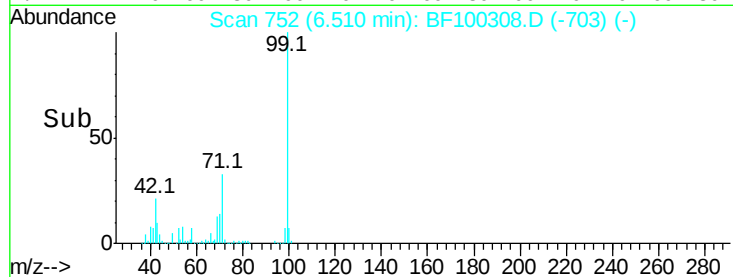
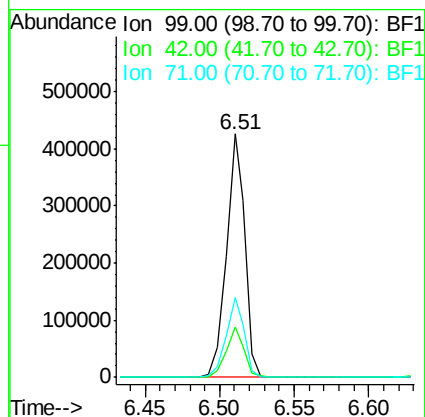
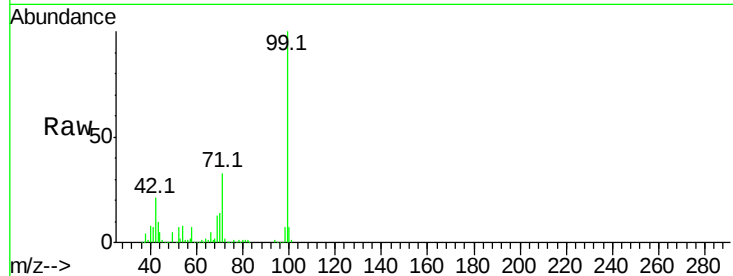
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	99	Resp:	370684
Ion Ratio	Lower	Upper	
99	100		
42	20.5	14.5	21.7
71	33.0	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 8.435 ng

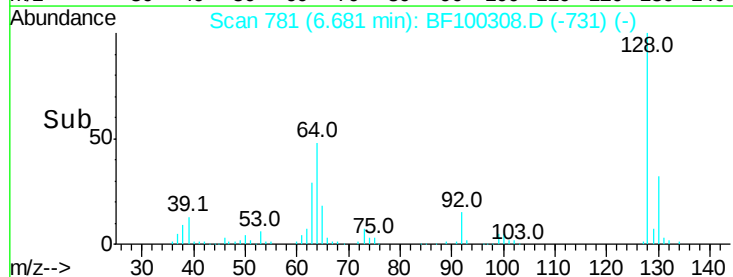
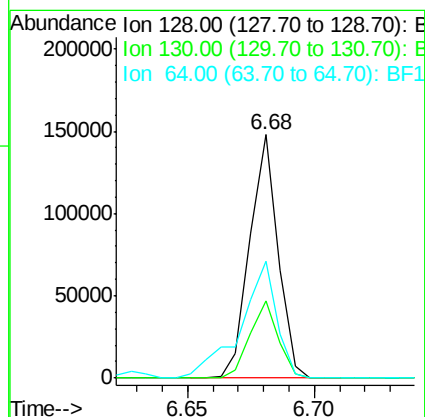
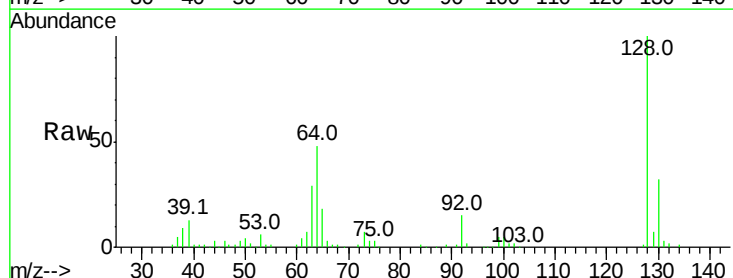
RT: 6.68 min Scan# 781

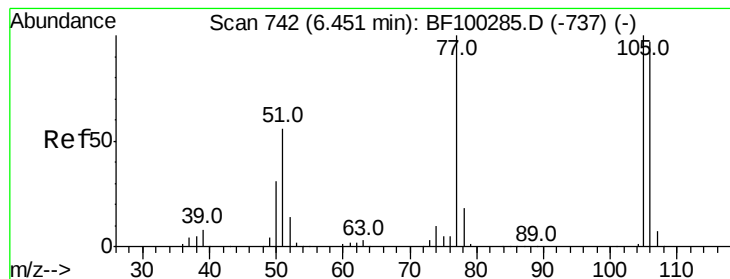
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	128	Resp:	114995
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	47.9	29.4	69.4





#9

Benzaldehyde

Concen: 5.887 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

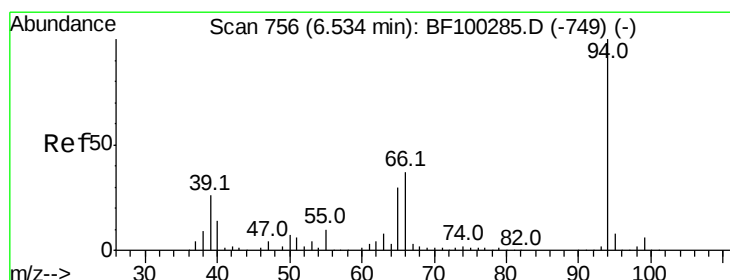
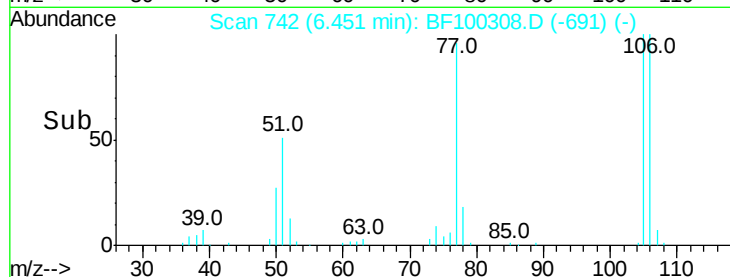
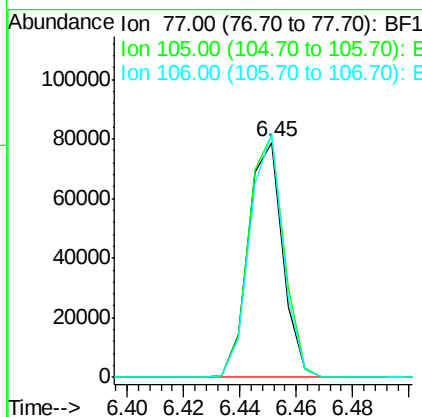
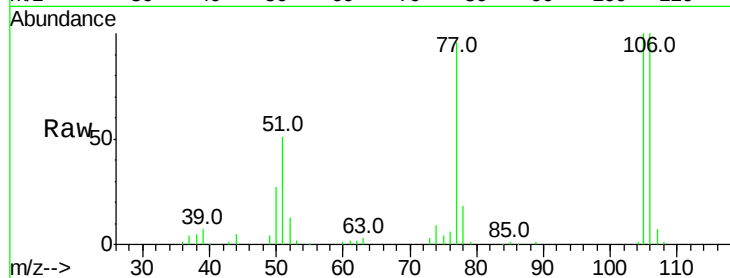
ClientSampleID :

POOL-5001-0001-01MSD

Tot Ion:	77	Resp:	66817
Ion	Ratio	Lower	Upper
77	100		
105	103.4	81.1	121.1
106	103.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 8.662 ng

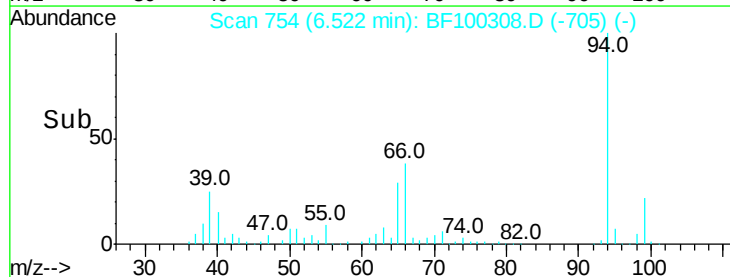
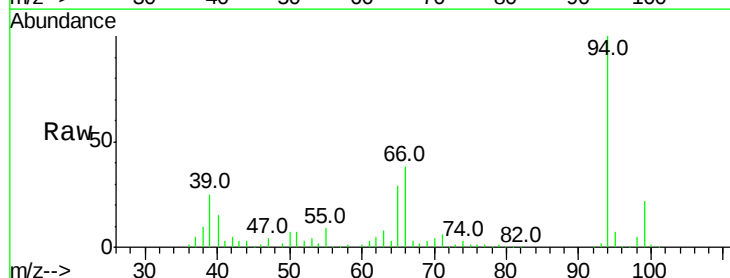
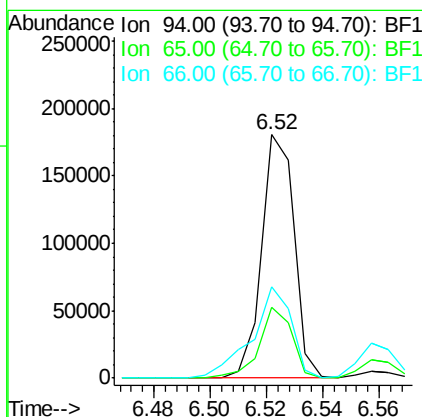
RT: 6.52 min Scan# 754

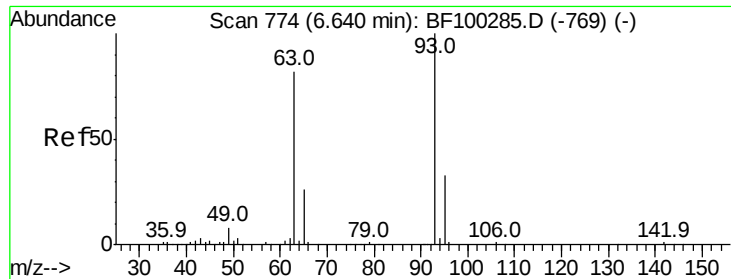
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	94	Resp:	144503
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	37.6	16.2	56.2





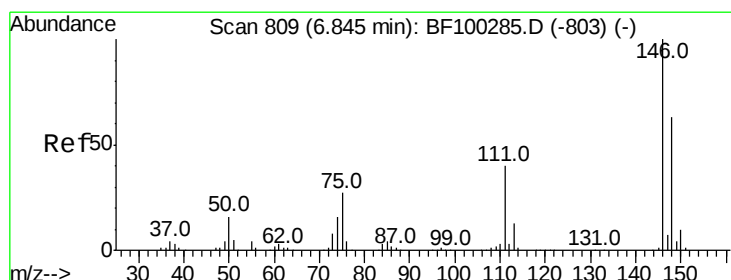
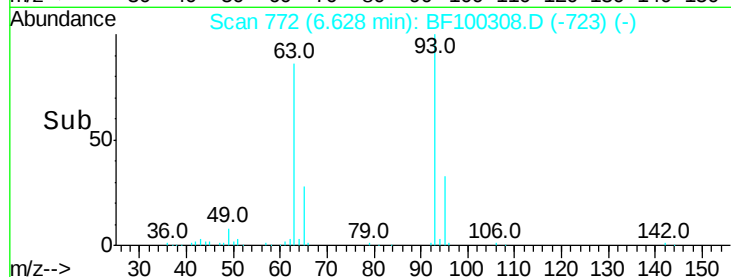
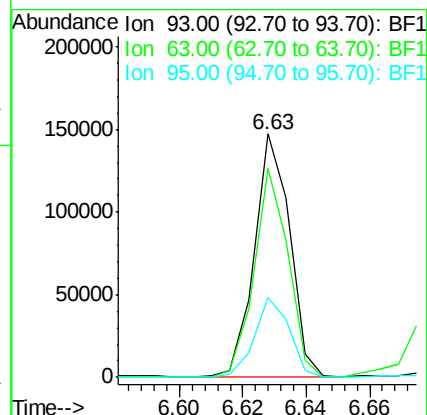
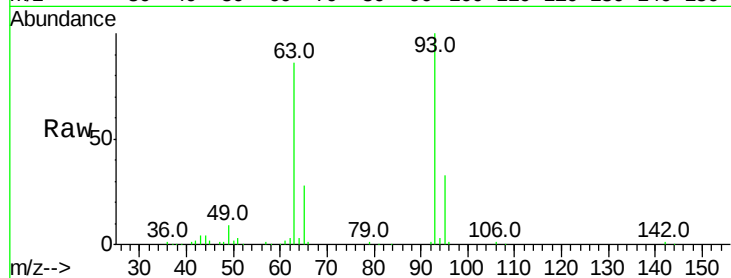
#11
bis(2-Chloroethyl)ether
Concen: 8.081 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	33.0	11.8	51.8

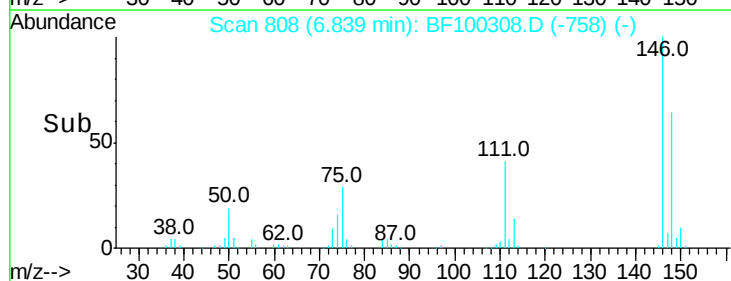
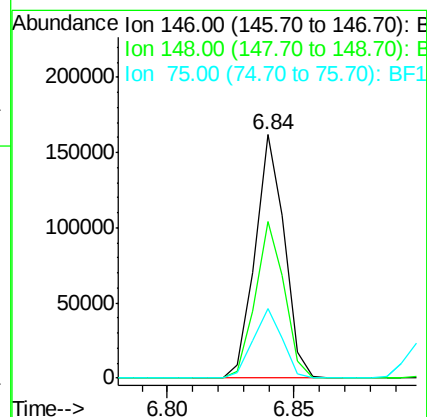
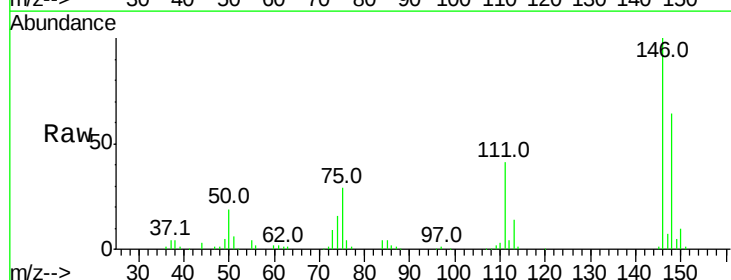
Manual Integrations
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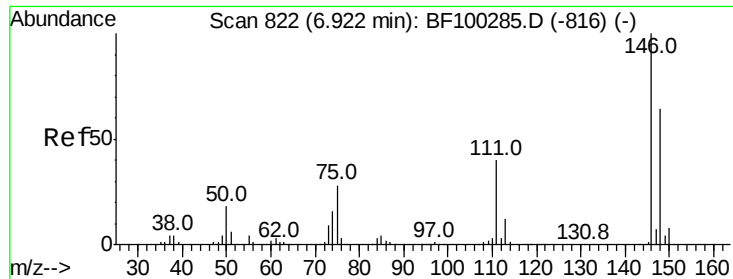
Sohil
11/9/2017 3:41:53 PM



#12
1,3-Dichlorobenzene
Concen: 8.284 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	28.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 8.356 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

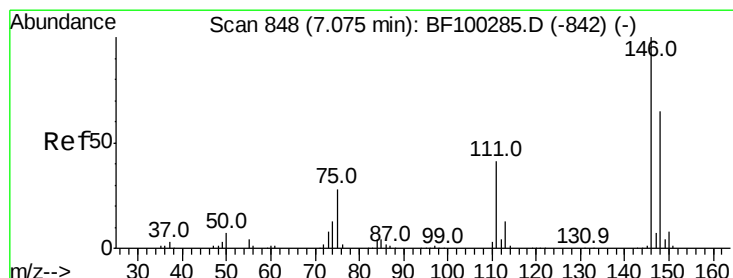
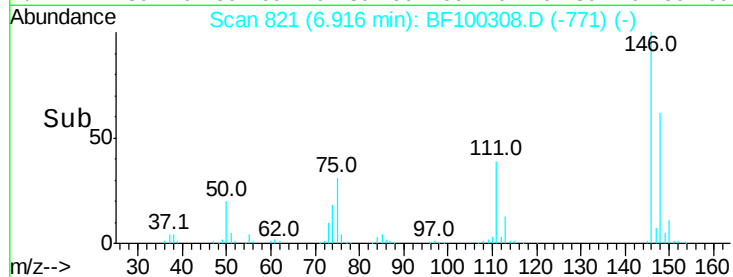
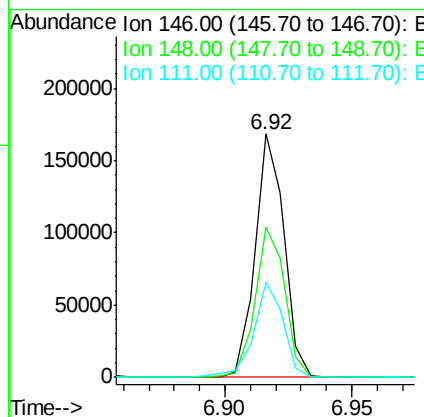
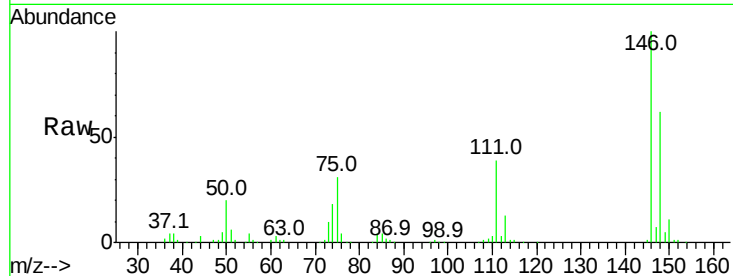
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	146	Resp:	132929
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.8	76.2
111	38.9	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 8.350 ng

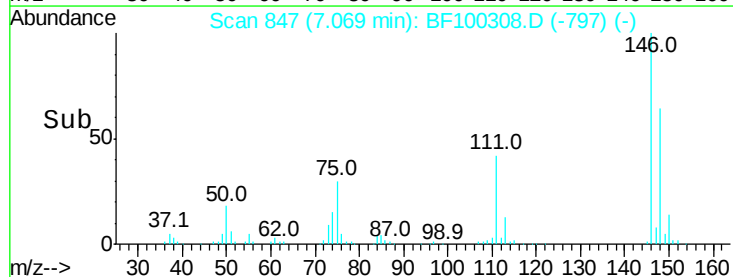
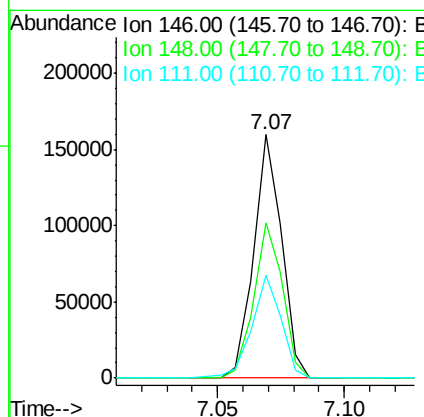
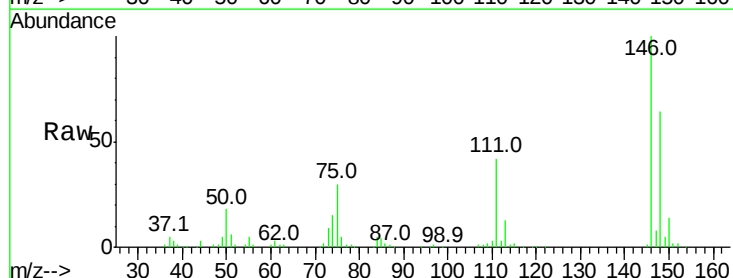
RT: 7.07 min Scan# 847

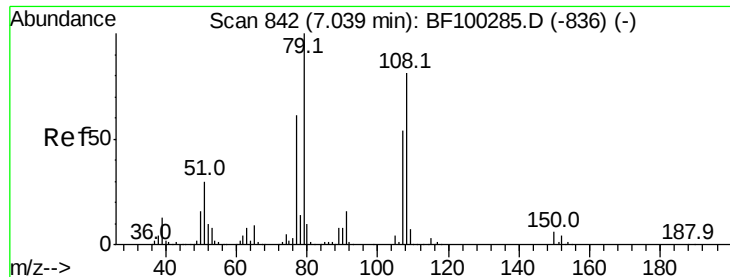
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	146	Resp:	122827
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	42.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 7.810 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

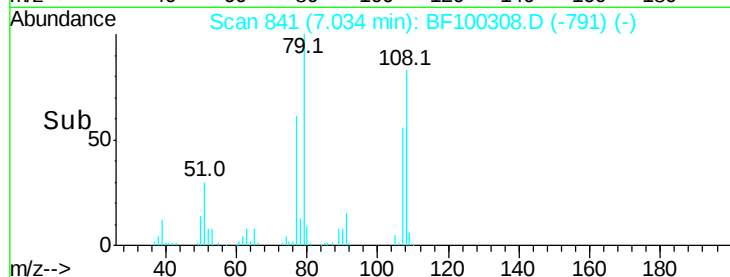
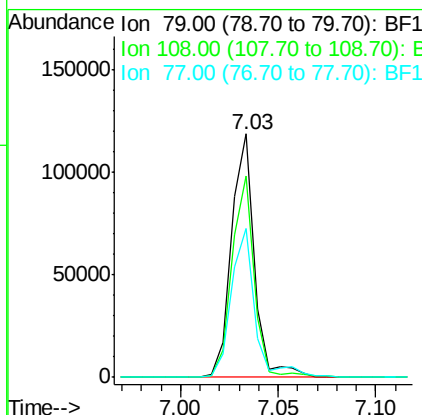
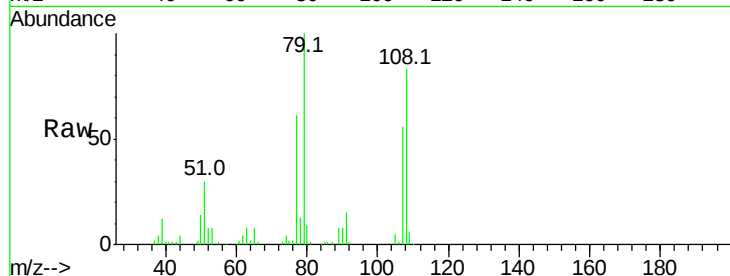
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	79	Resp:	96861
Ion Ratio	Lower	Upper	
79	100		
108	82.8	65.1	97.7
77	61.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.986 ng

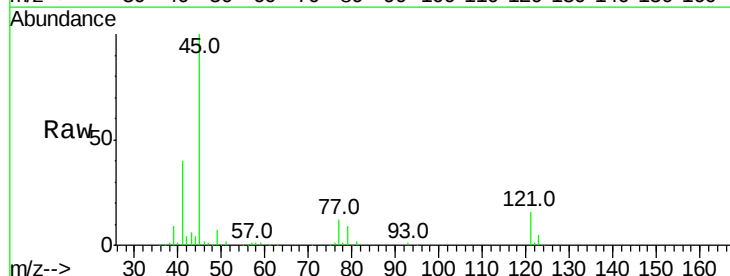
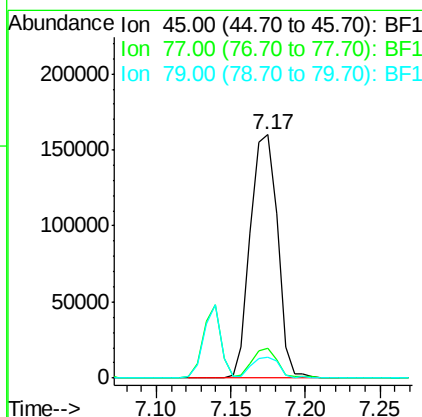
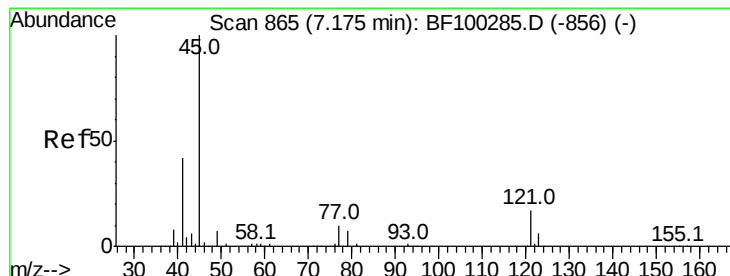
RT: 7.17 min Scan# 865

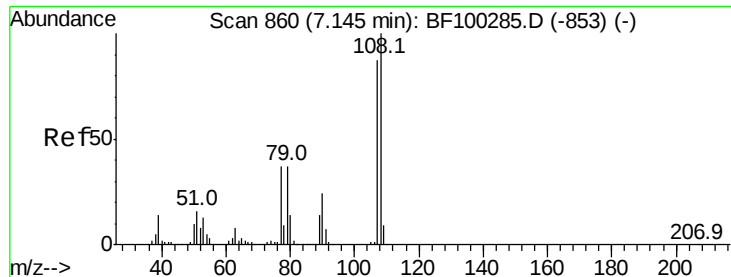
Delta R.T. -0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	45	Resp:	201390
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.9
79	8.6	0.0	29.6





#17

2-Methylphenol

Concen: 7.974 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

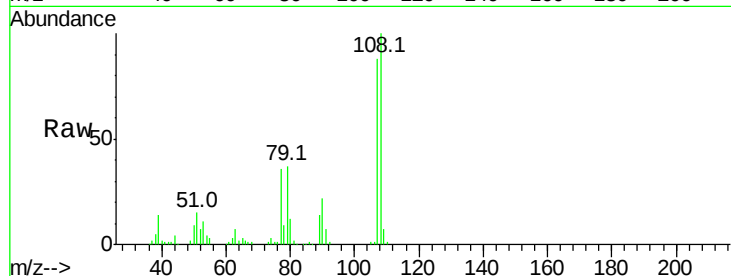
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	107	Resp:	92900
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.7	137.5
77	41.4	33.8	50.8
79	41.7	33.8	50.8

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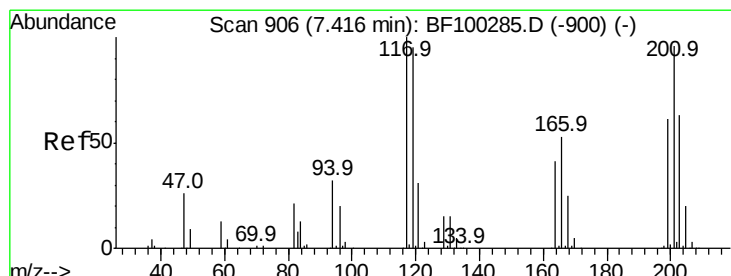
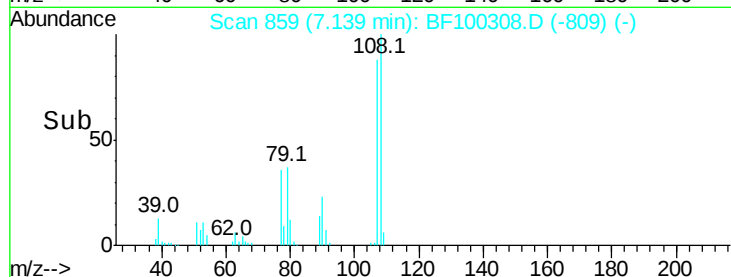
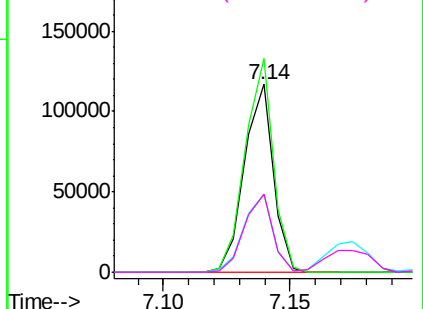


Abundance Ion 107.00 (106.70 to 107.70): E

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: 7.625 ng

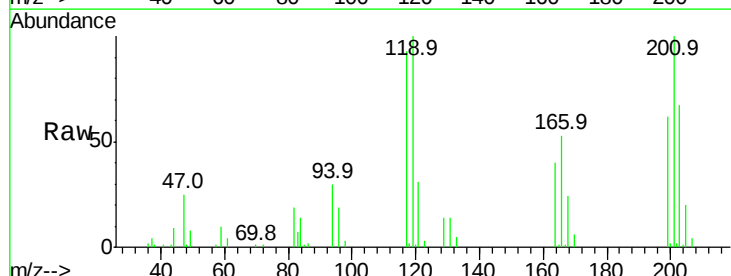
RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

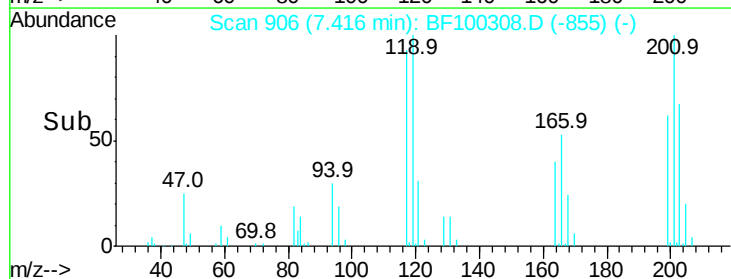
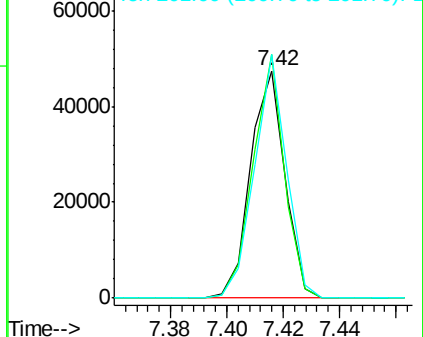
Tgt Ion:	117	Resp:	39995
Ion Ratio	Lower	Upper	
117	100		
119	107.1	75.8	113.8
201	107.1	75.7	113.5

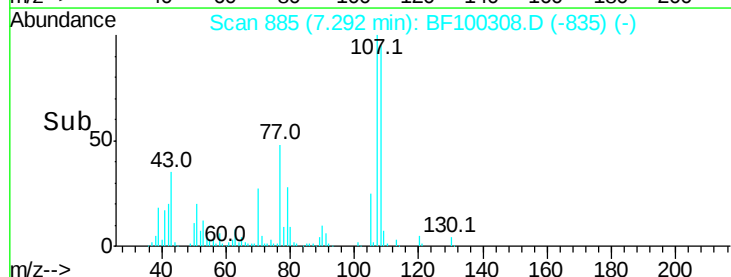
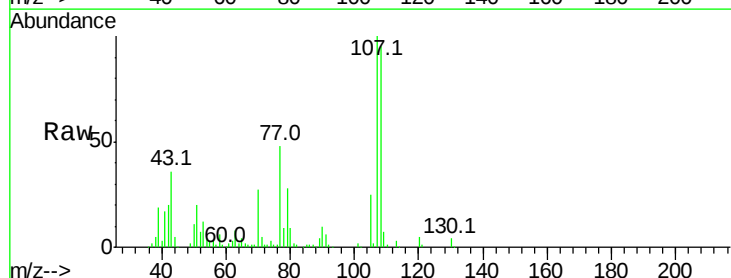
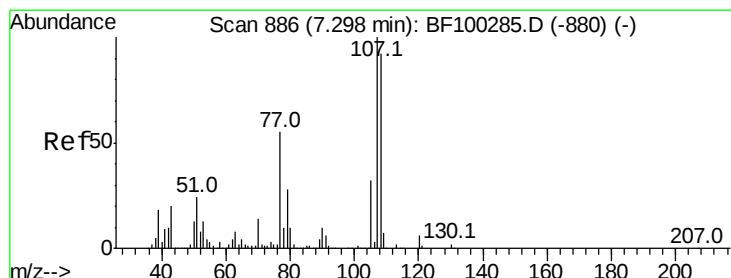
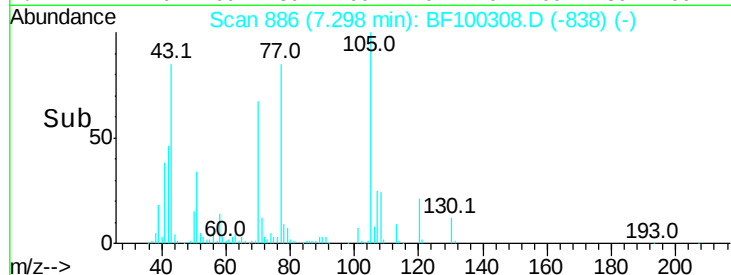
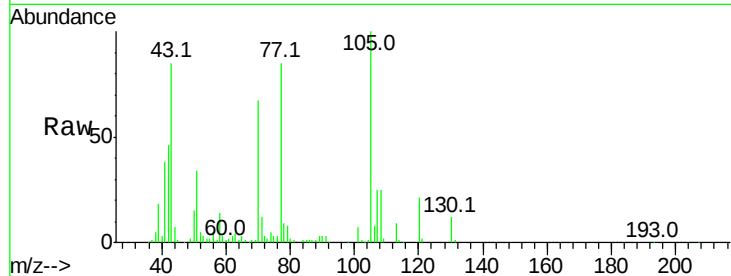
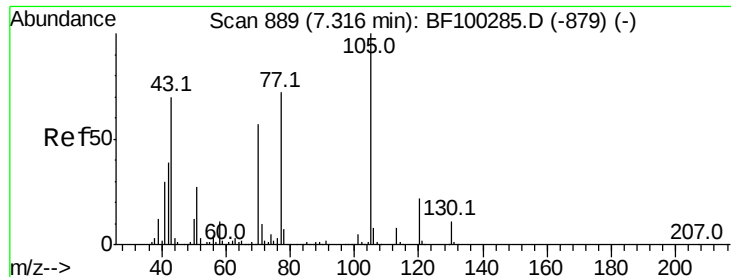


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 7.439 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.1	47.5	71.3
101	9.9	7.4	11.2
130	18.0	16.6	25.0

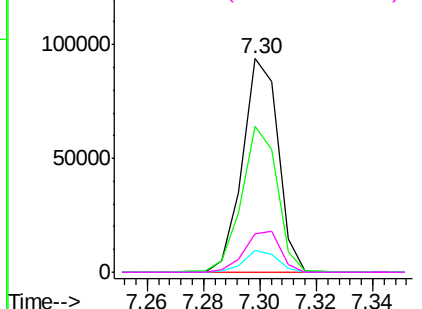
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

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#20
3+4-Methylphenols
Concen: 8.093 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	68.2	108.2
77	48.3	26.7	66.7
79	28.3	6.3	46.3

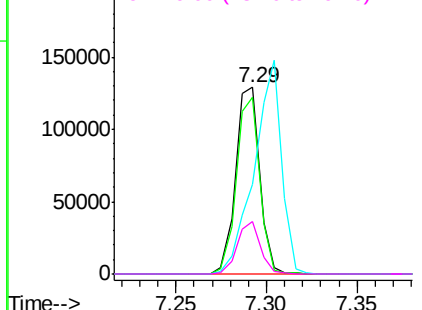
Abundance

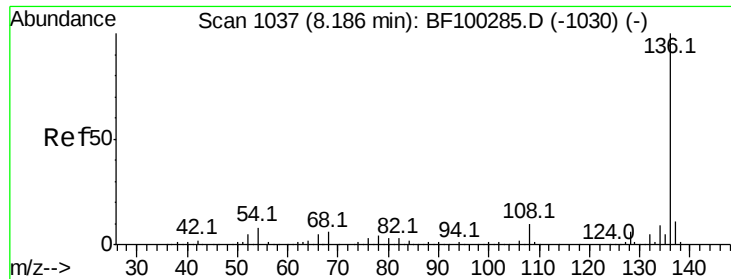
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





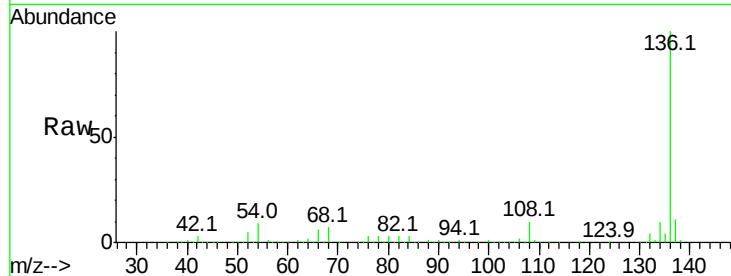
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

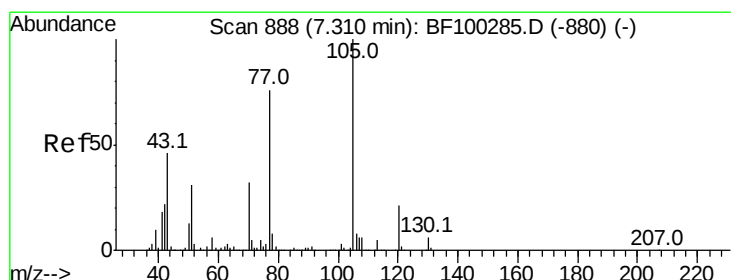
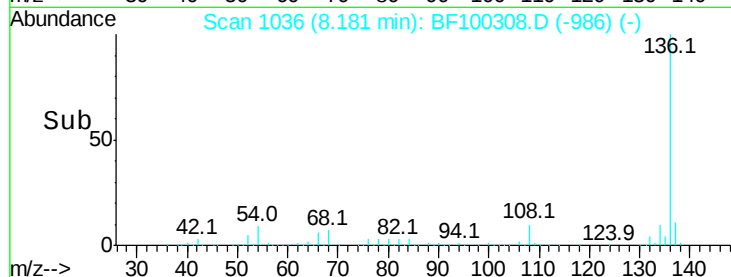
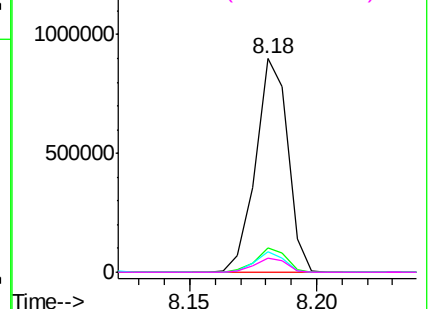
Tot Ion	Ratio	Resp	Lower	Upper
136	100	795205		
137	11.4		8.9	13.3
54	9.5		6.6	9.8
68	6.7		5.0	7.4

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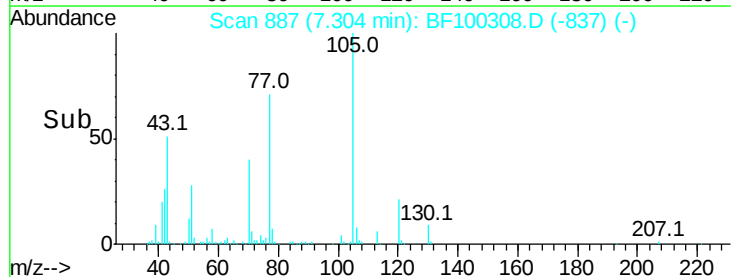
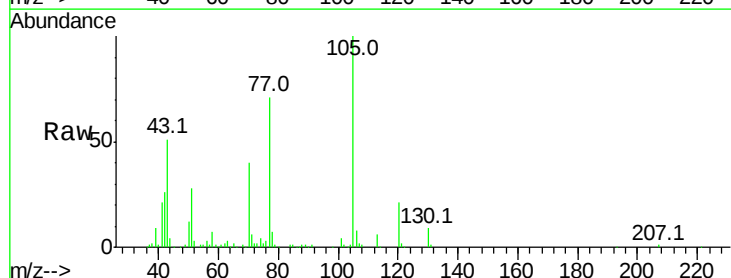
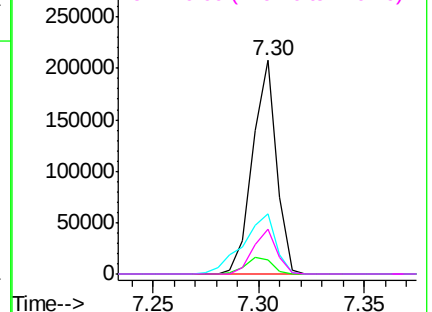
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

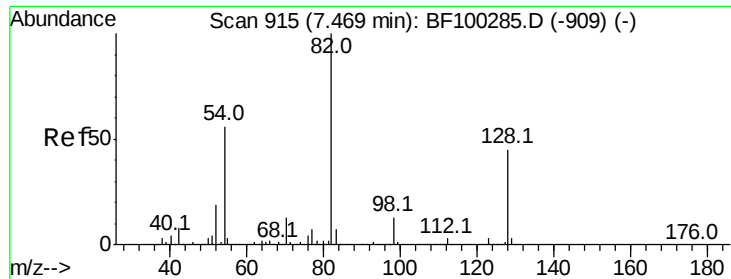


#22
Acetophenone
Concen: 8.429 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	163443		
71	6.3		4.4	6.6
51	28.4		22.3	33.5
120	21.0		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





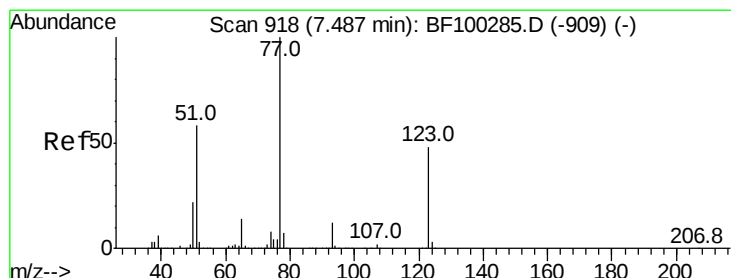
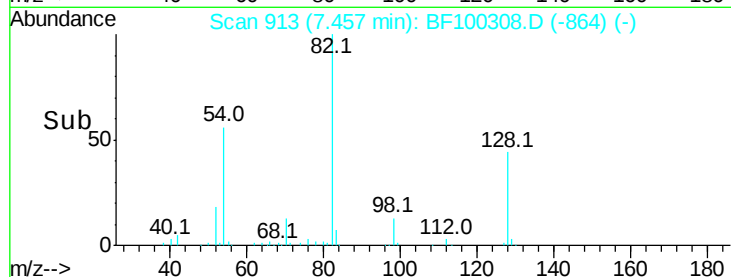
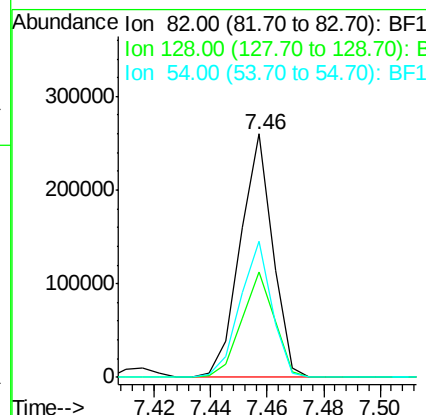
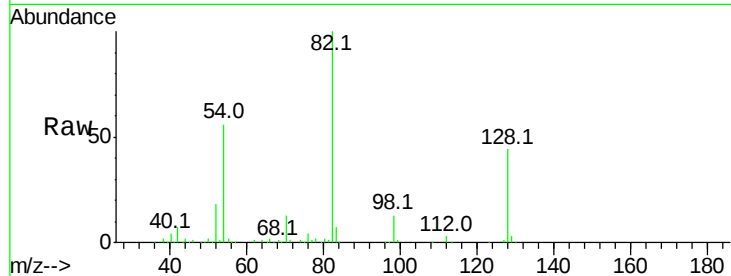
#23
Nitrobenzene-d5
Concen: 17.243 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	55.8	41.4	62.2

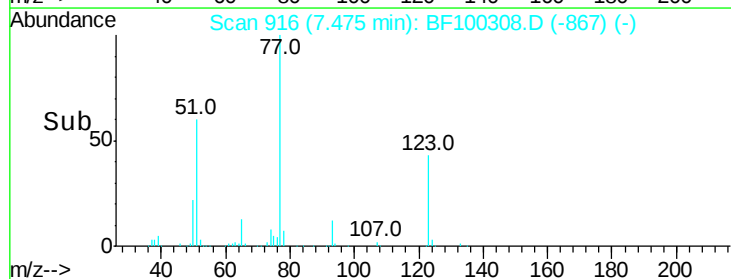
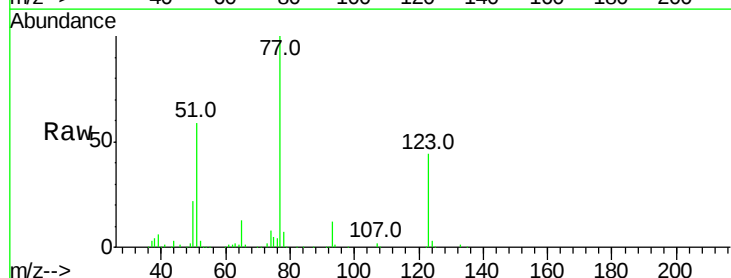
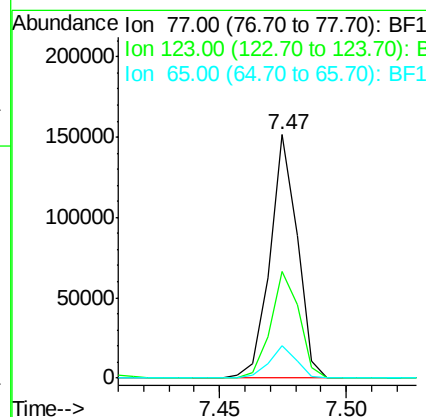
Manual Integrations
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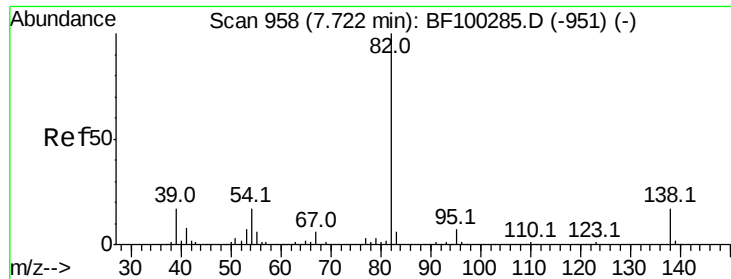
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#24
Nitrobenzene
Concen: 9.287 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 8.436 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

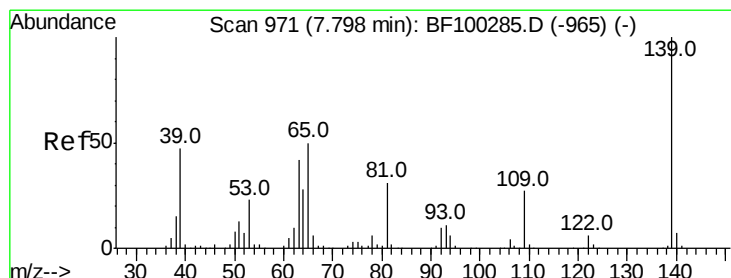
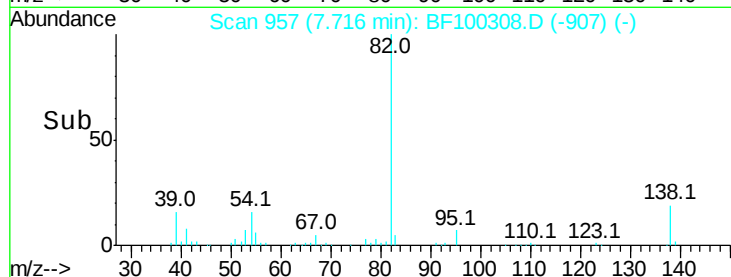
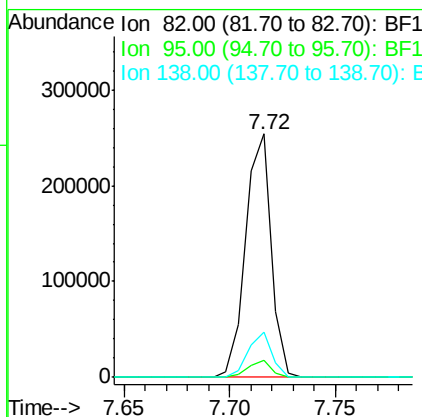
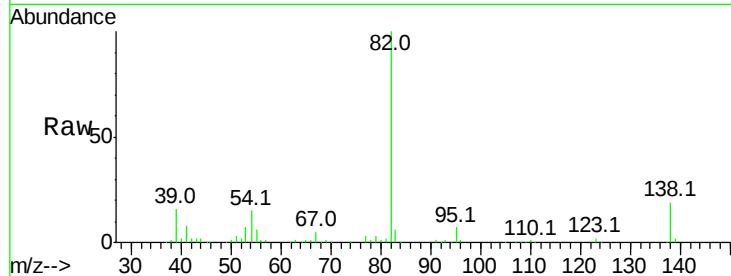
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	82	Resp:	213224
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.5	14.9	22.3

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11/9/2017 3:41:53 PM



#26

2-Nitrophenol

Concen: 12.259 ng

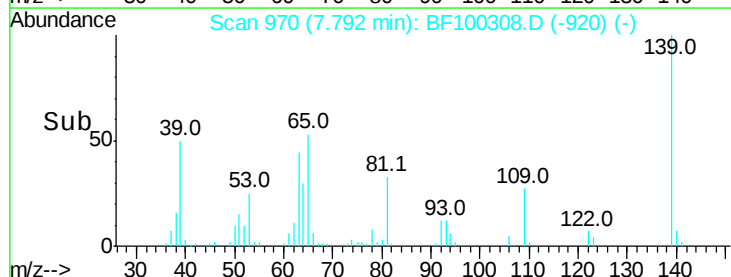
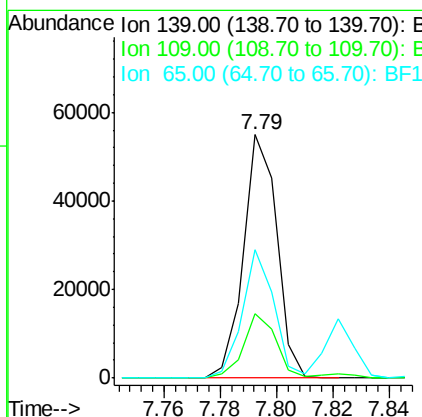
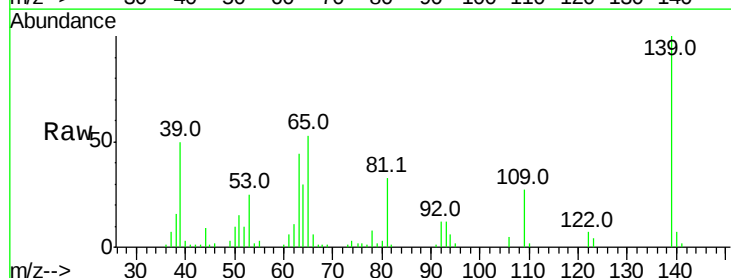
RT: 7.79 min Scan# 970

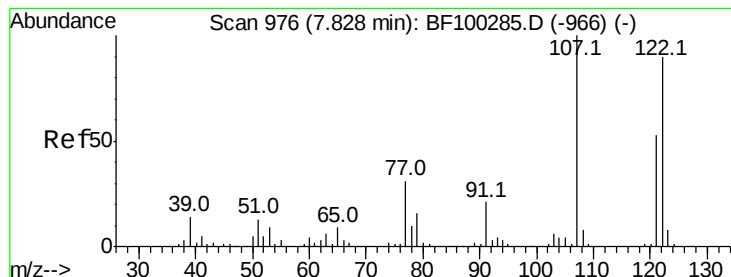
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	139	Resp:	44977
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	52.9	40.5	60.7





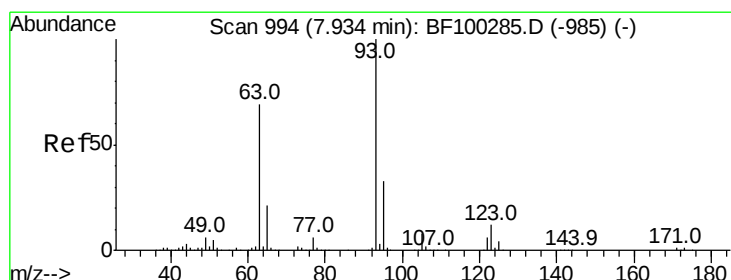
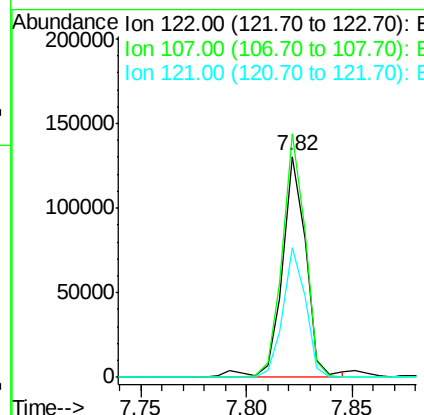
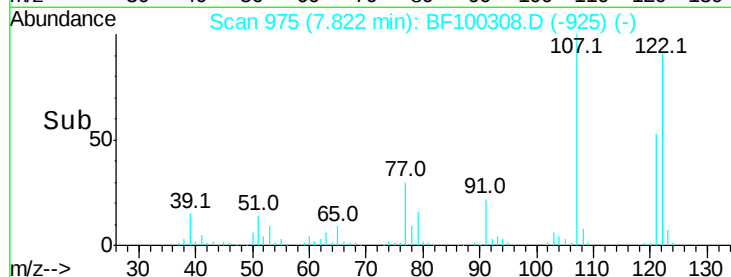
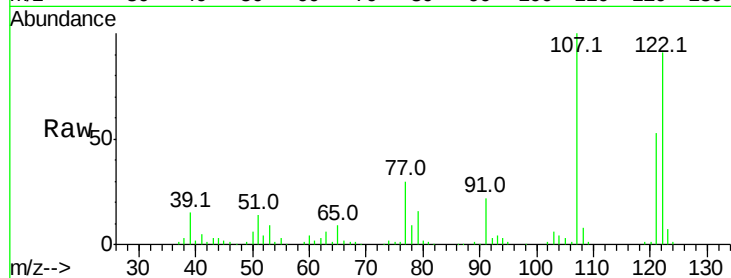
#27
2,4-Dimethylphenol
Concen: 9.042 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	102455		
107	110.3	91.2	136.8	
121	58.9	47.2	70.8	

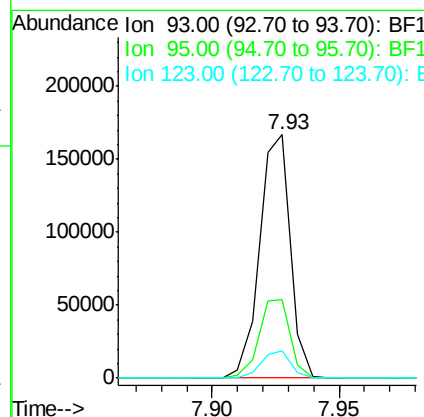
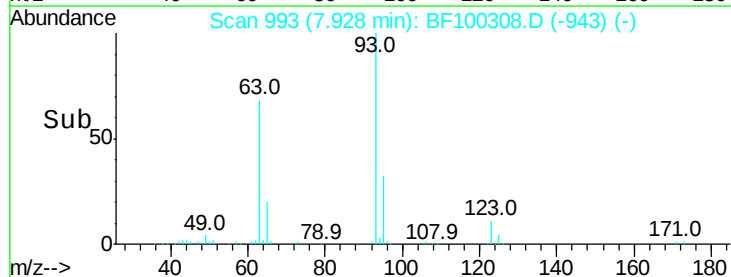
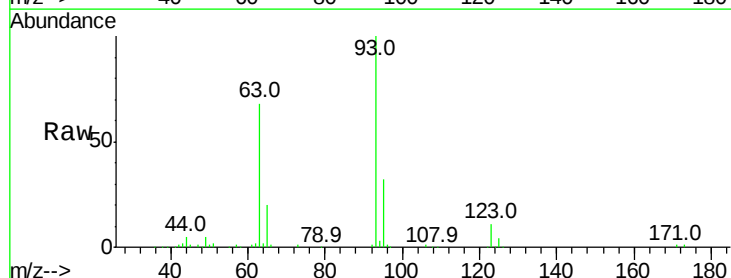
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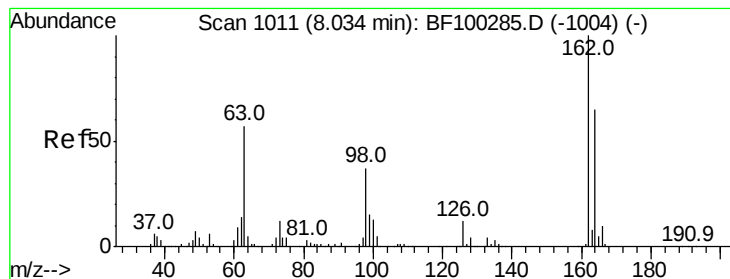
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 8.486 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	140296		
95	32.0	26.3	39.5	
123	11.2	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 8.063 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

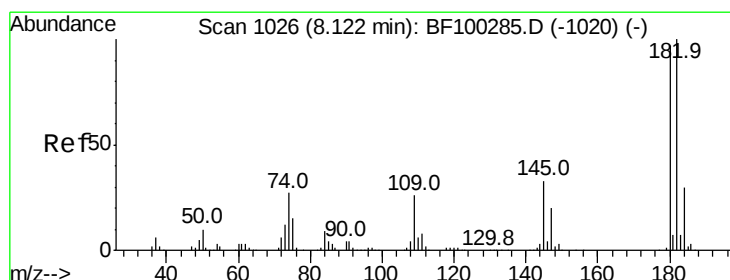
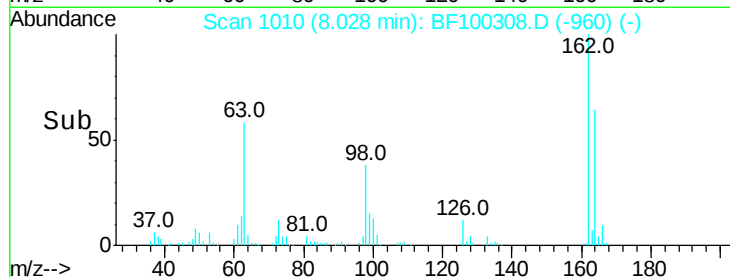
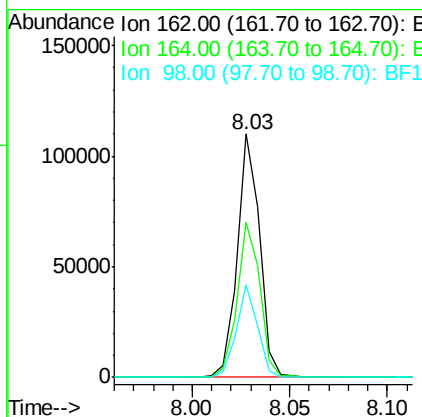
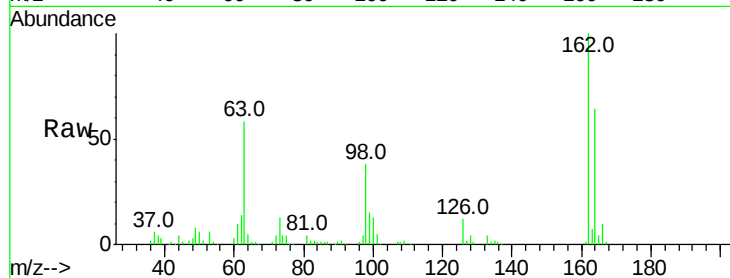
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	162	Resp:	87210
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	38.2	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 8.468 ng

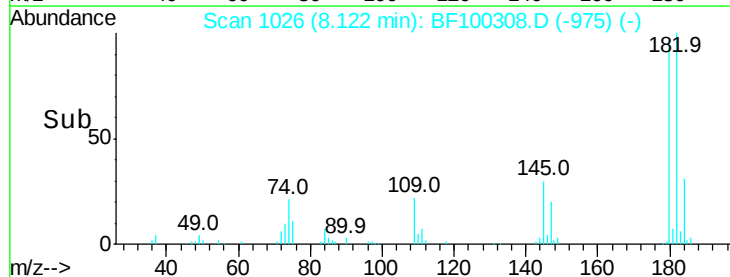
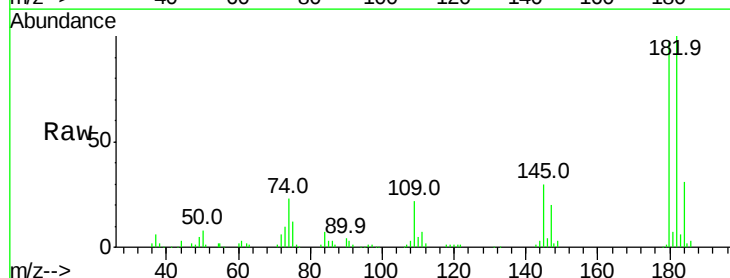
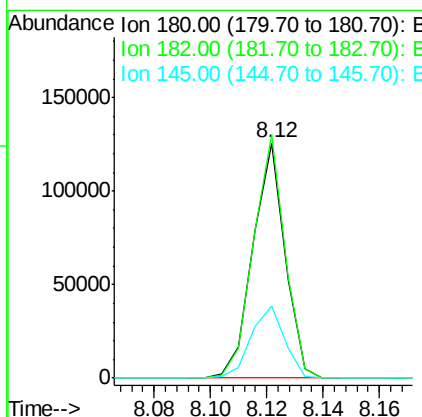
RT: 8.12 min Scan# 1026

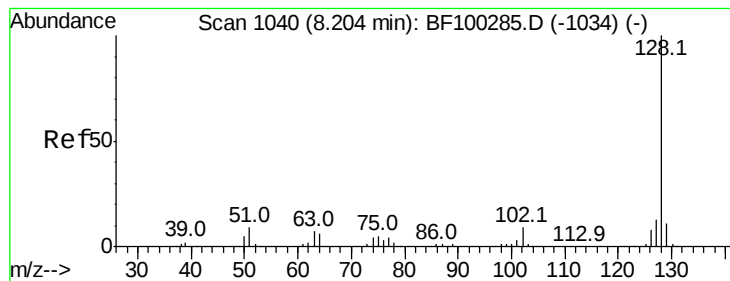
Delta R.T. -0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	180	Resp:	99075
Ion Ratio	Lower	Upper	
180	100		
182	103.6	76.8	115.2
145	30.8	26.5	39.7





#31

Naphthalene

Concen: 8.462 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

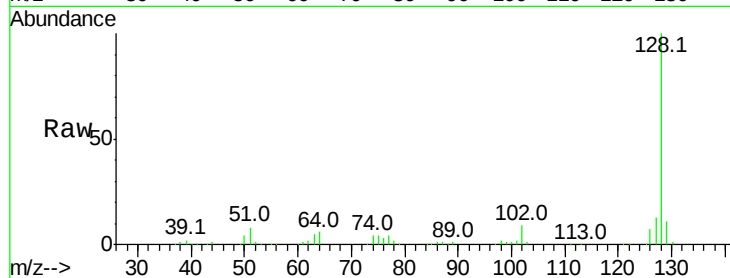
ClientSampleId :

POOL-5001-0001-01MSD

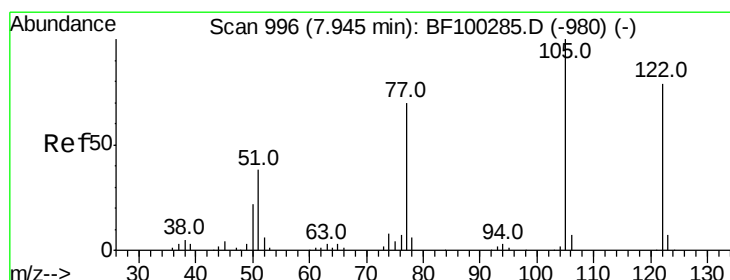
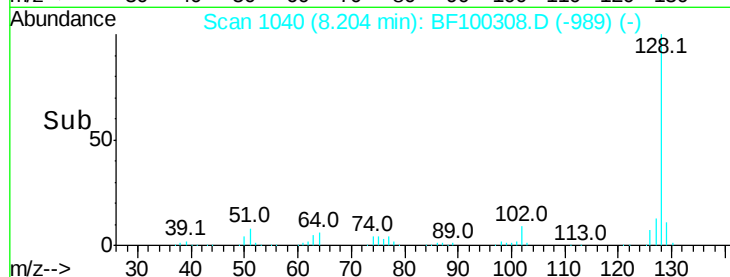
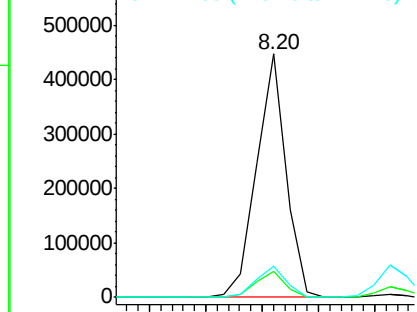
Tot Ion:	128	Resp:	324091
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	12.6	10.9	16.3

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



#32

Benzoic acid

Concen: 9.934 ng m

RT: 7.85 min Scan# 980

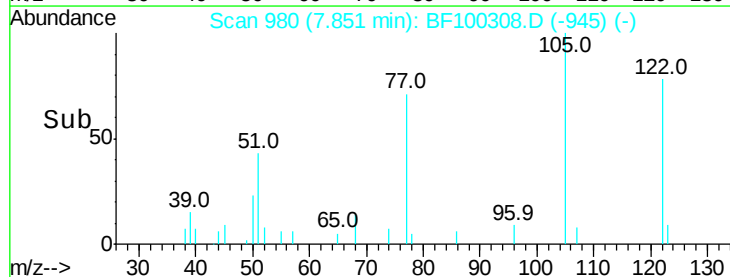
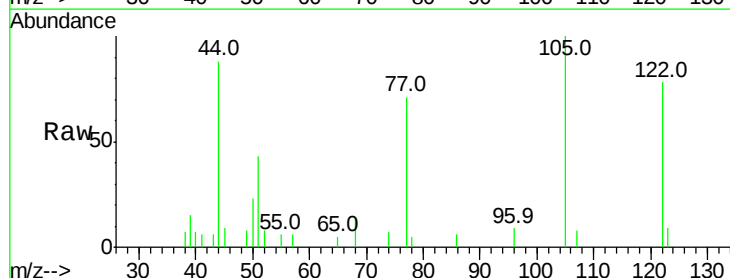
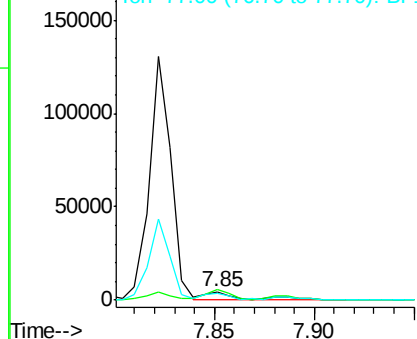
Delta R.T. -0.09 min

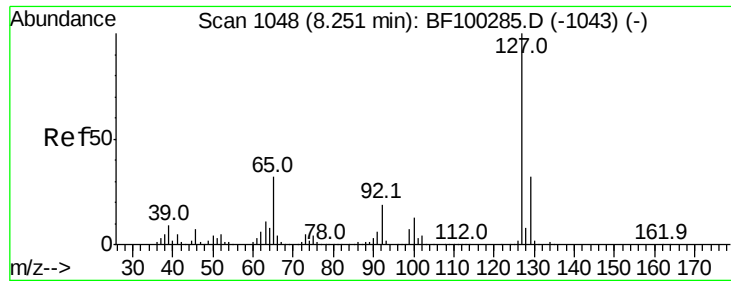
Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	122	Resp:	6071
Ion Ratio	Lower	Upper	
122	100		
105	129.0	101.1	141.1
77	91.6	70.7	110.7

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





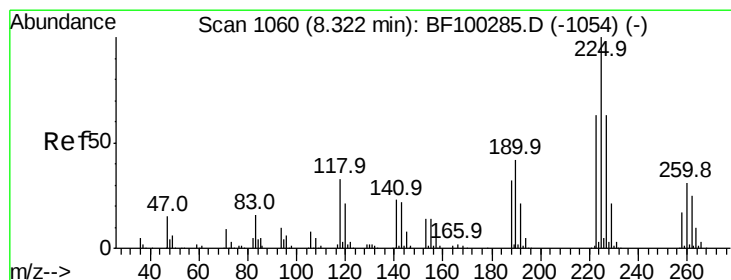
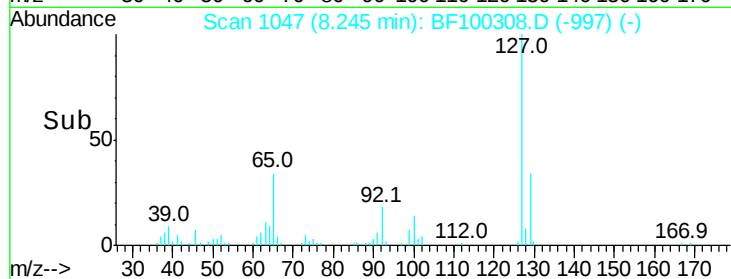
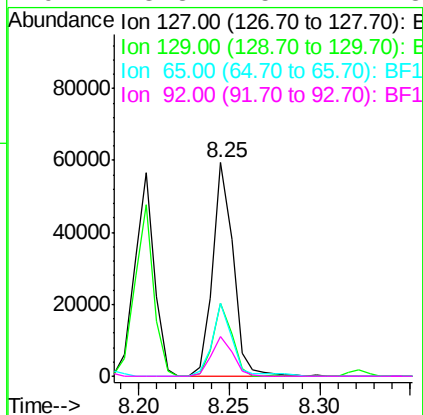
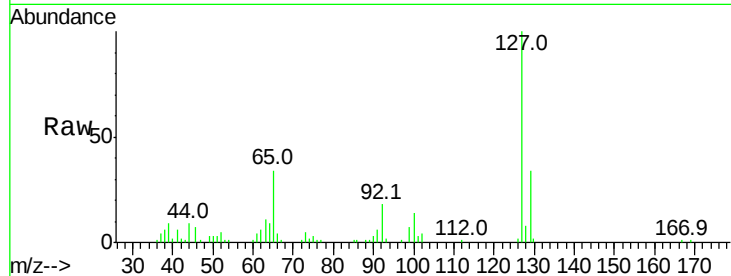
#33
 4-Chloroaniline
 Concen: 2.924 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.3	25.9	38.9
65	34.0	25.0	37.4
92	18.3	15.2	22.8

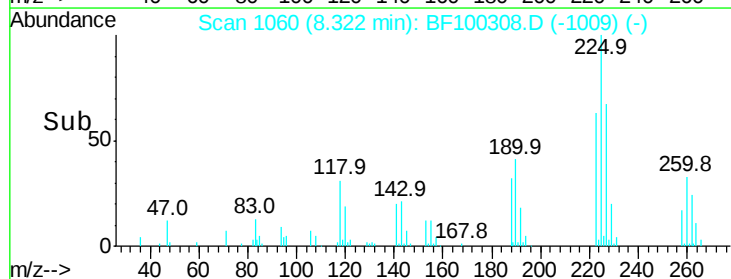
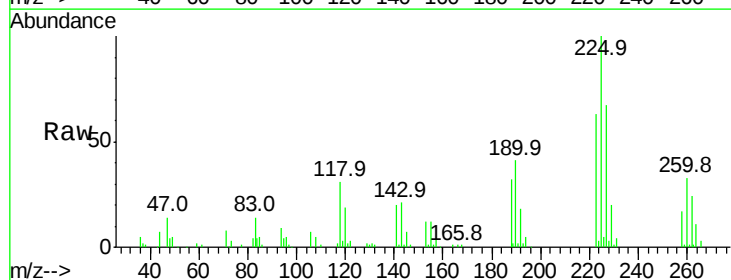
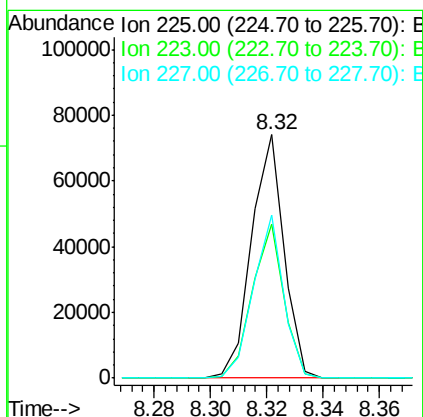
Manual Integrations
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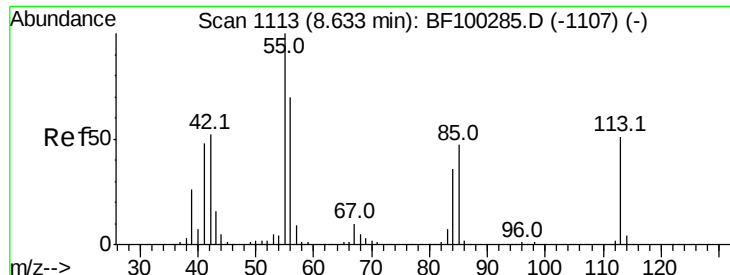
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#34
 Hexachlorobutadiene
 Concen: 8.448 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	66.7	51.9	77.9





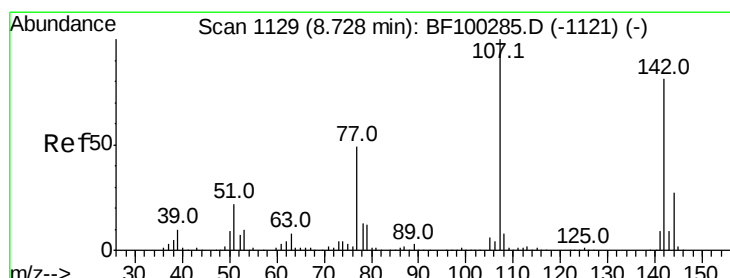
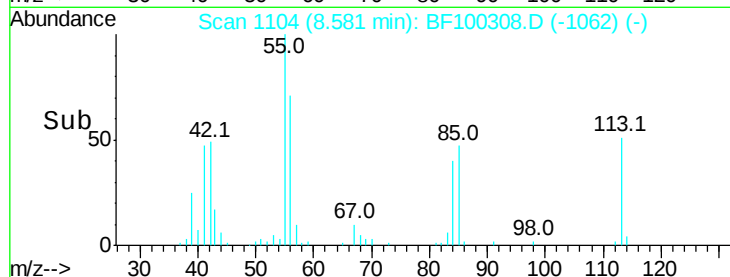
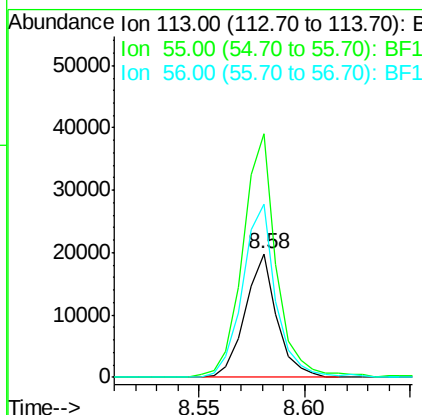
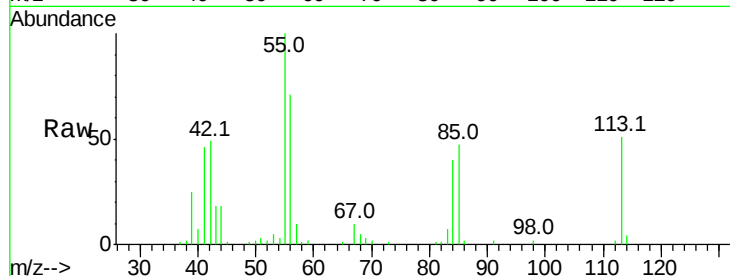
#35
Caprolactam
Concen: 5.540 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.05 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion:113 Resp: 20564
Ion Ratio Lower Upper
113 100
55 197.2 163.3 203.3
56 139.8 115.7 155.7

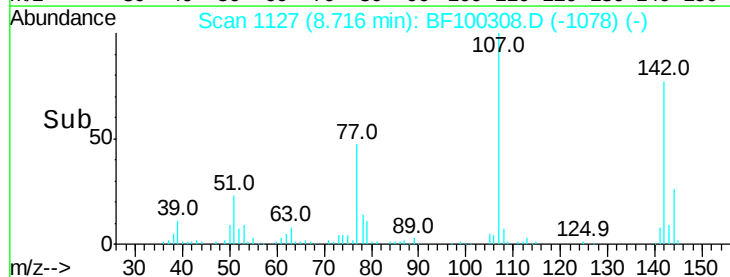
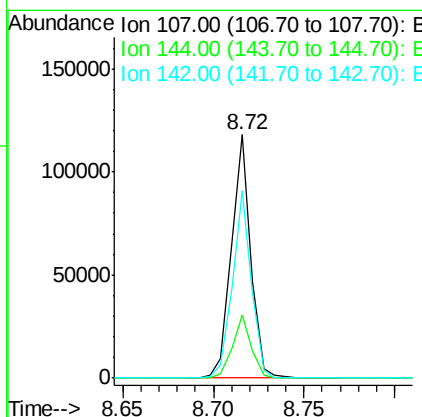
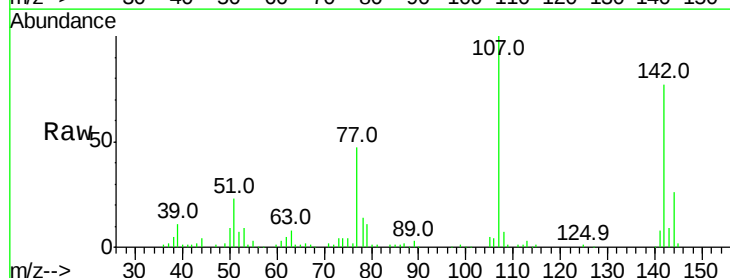
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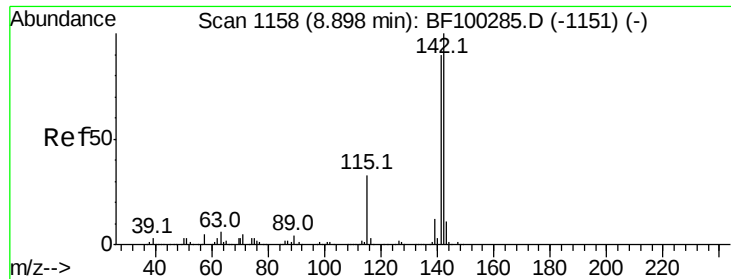
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#36
4-Chloro-3-methylphenol
Concen: 7.549 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion:107 Resp: 87696
Ion Ratio Lower Upper
107 100
144 26.1 20.5 30.7
142 77.0 62.0 93.0





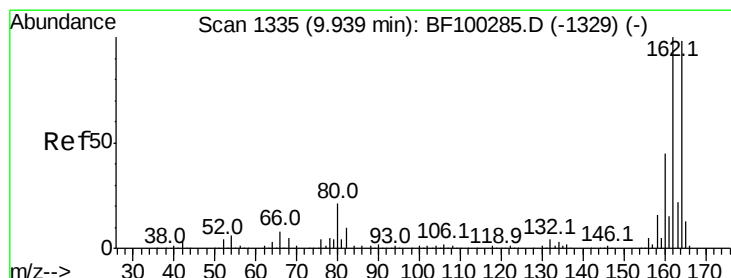
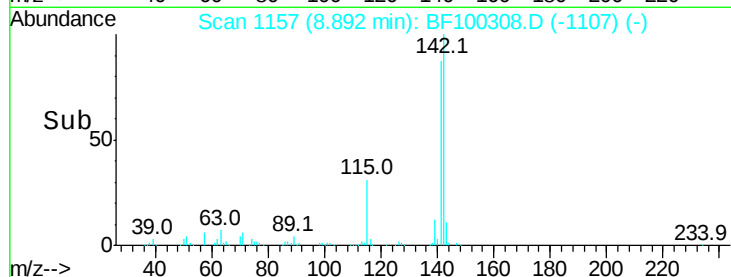
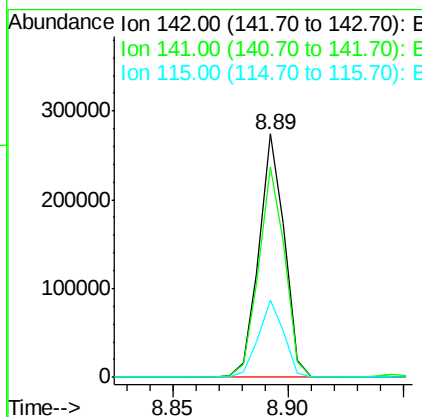
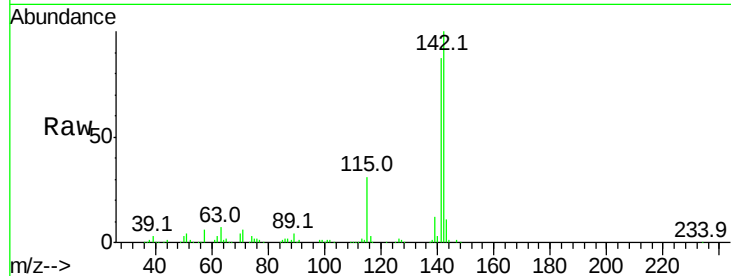
#37
2-Methylnaphthalene
Concen: 8.379 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.8	106.2
115	31.5	26.1	39.1

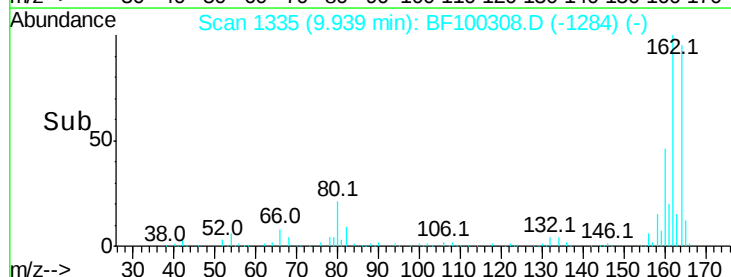
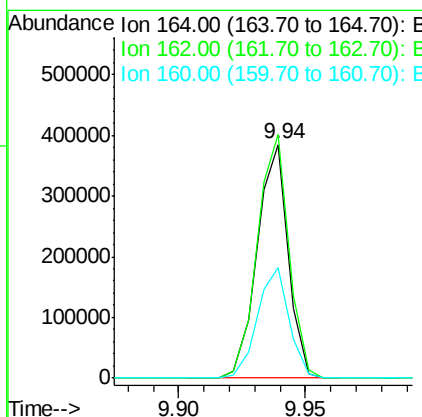
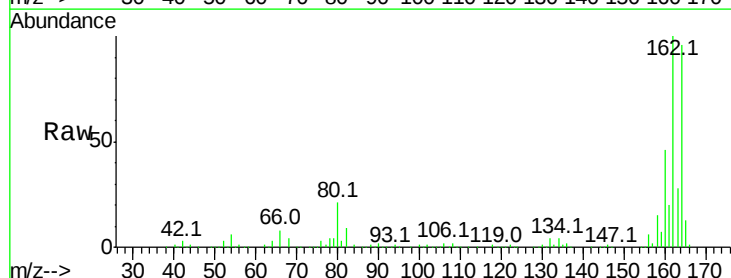
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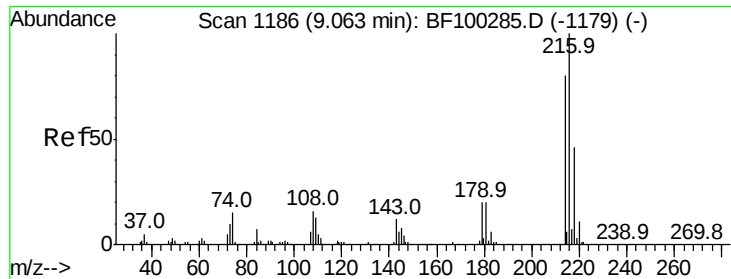
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.4	38.3	57.5





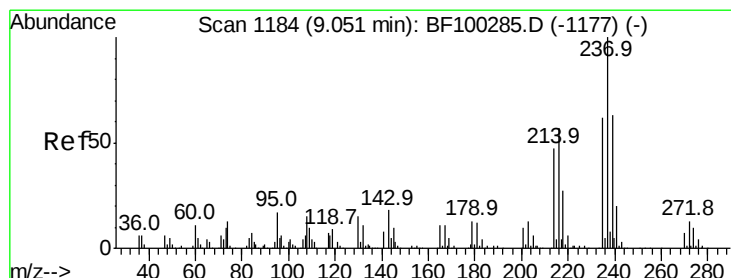
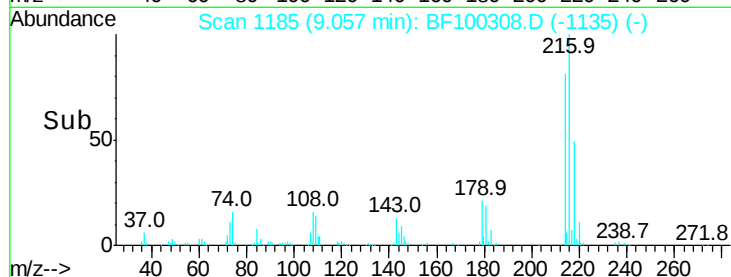
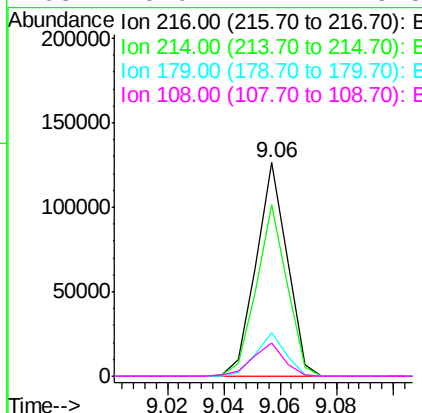
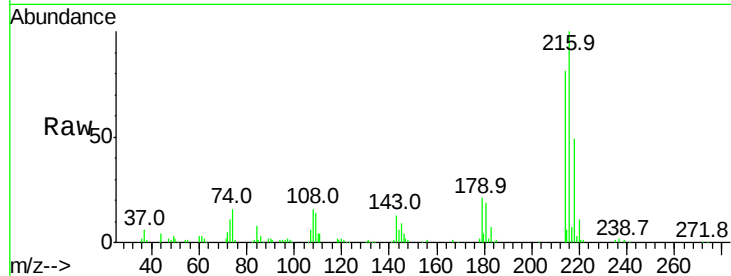
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.919 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	19.7	18.1	27.1	
108	16.0	17.2	25.8	

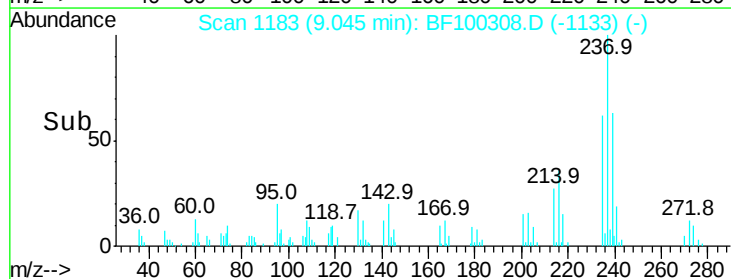
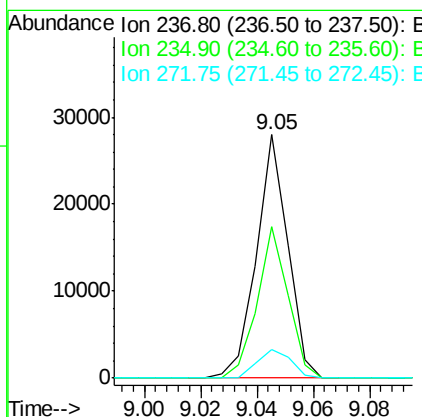
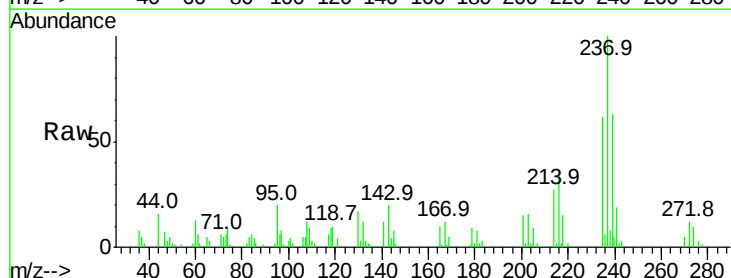
Manual Integrations
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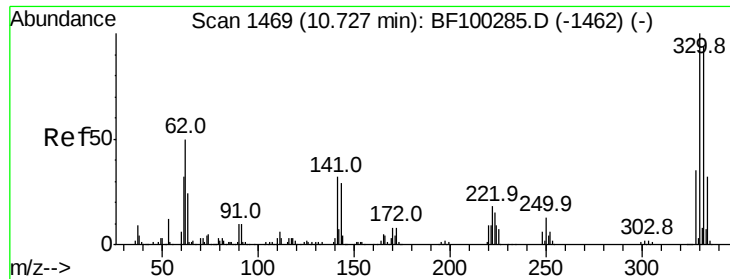
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#40
 Hexachlorocyclopentadiene
 Concen: 4.230 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	44.8	84.8	
272	11.6	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 20.632 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

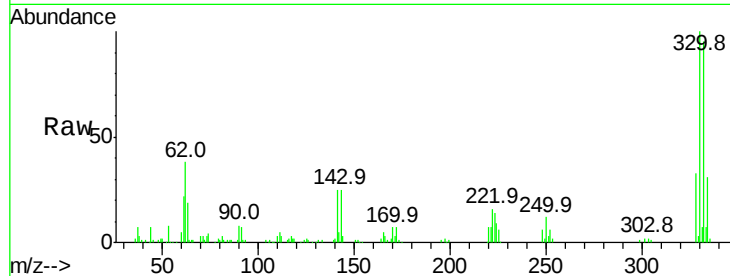
ClientSampleId :

POOL-5001-0001-01MSD

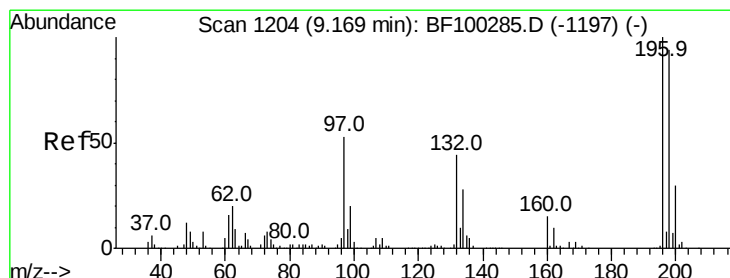
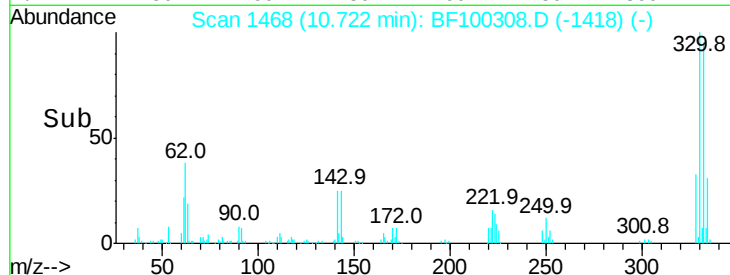
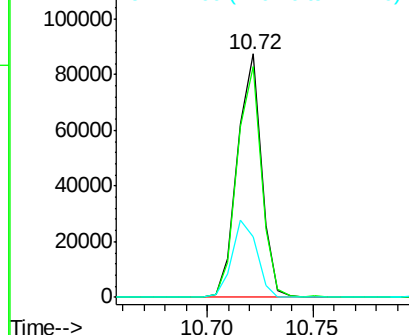
Tot Ion:	330	Resp:	68740
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.0	115.6
141	32.8	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 8.533 ng

RT: 9.16 min Scan# 1203

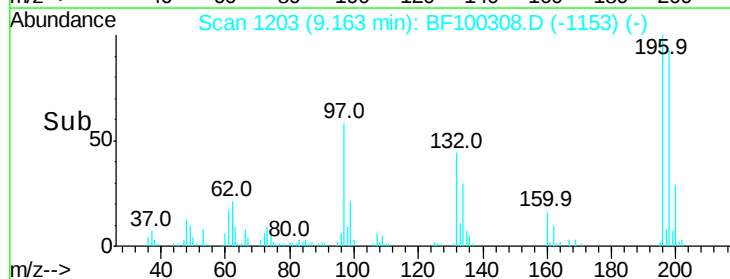
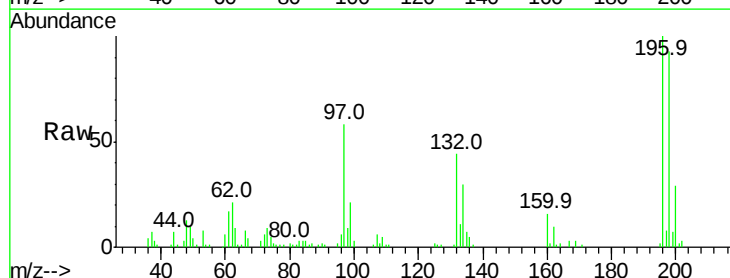
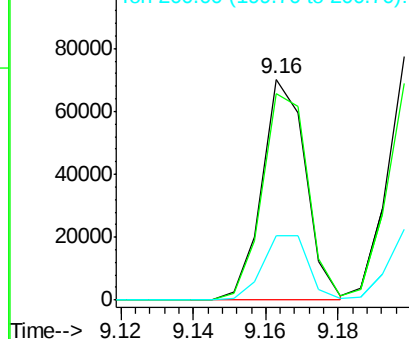
Delta R.T. -0.01 min

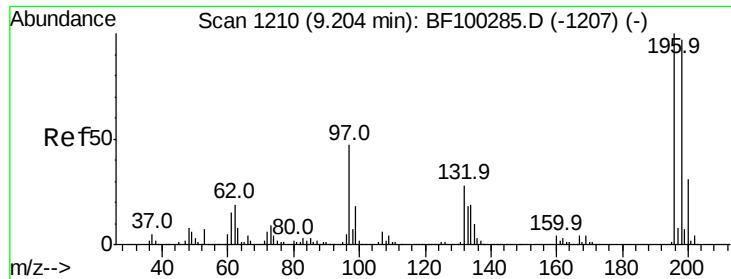
Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	196	Resp:	58644
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
200	29.4	24.5	36.7

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





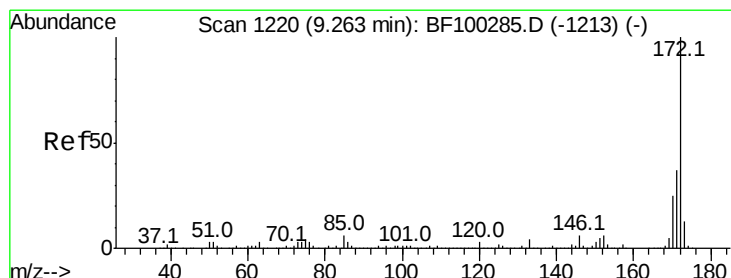
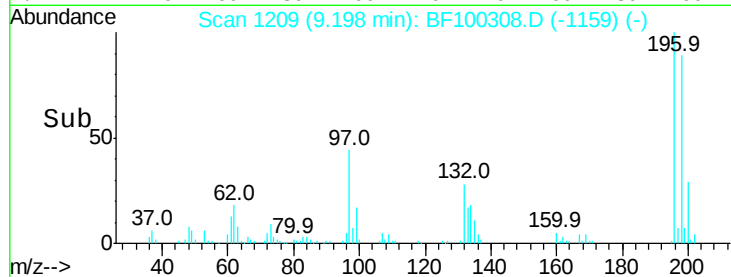
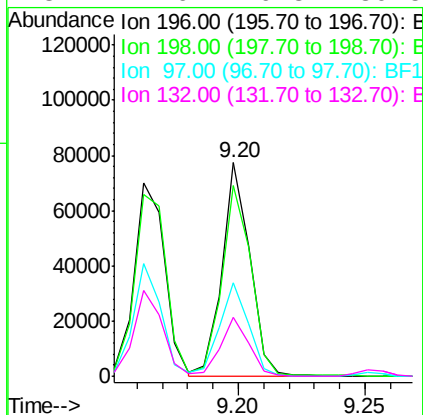
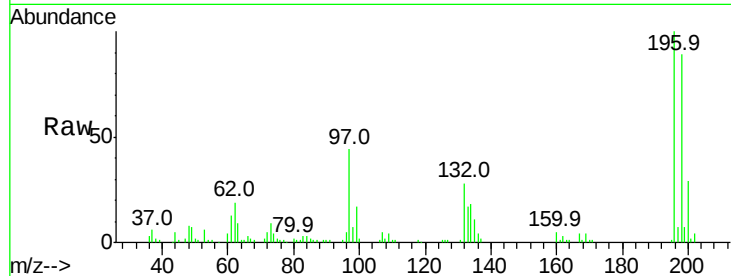
#43
 2,4,5-Trichlorophenol
 Concen: 8.324 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	59268		
198	89.1		74.6	112.0
97	43.8		42.9	64.3
132	27.6		26.3	39.5

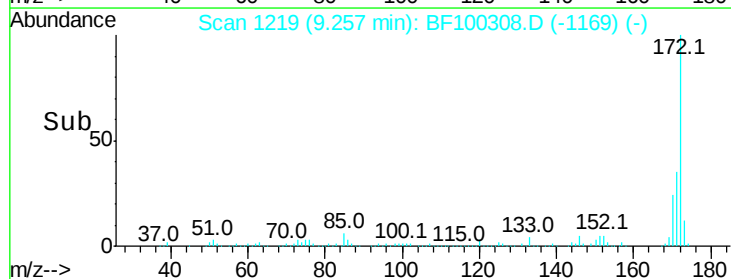
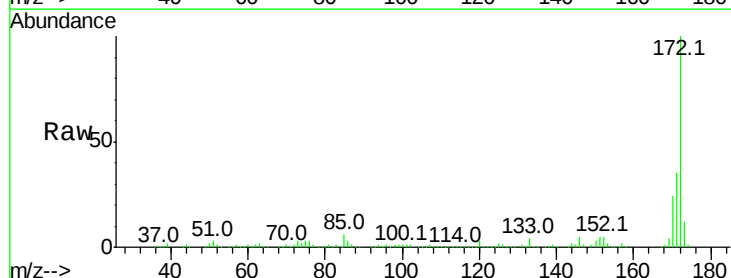
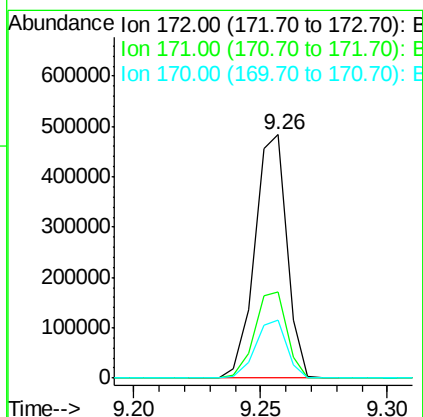
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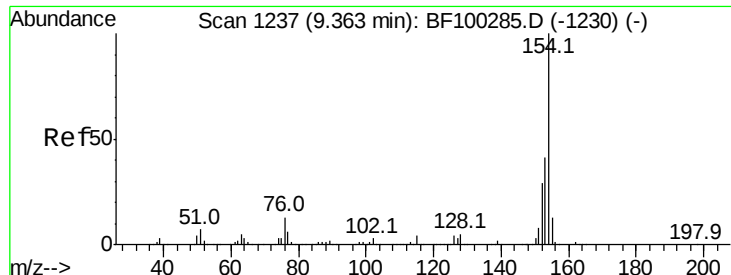
Sohil
 11/9/2017 3:41:53 PM



#44
 2-Fluorobiphenyl
 Concen: 19.984 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	429091		
171	35.3		29.7	44.5
170	23.6		19.6	29.4





#45

1,1'-Biphenyl

Concen: 8.777 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

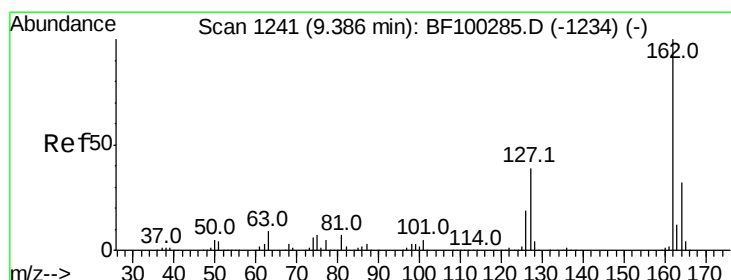
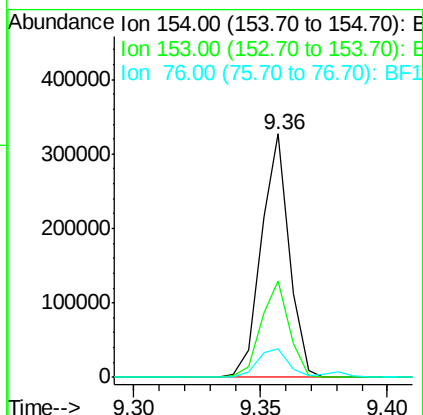
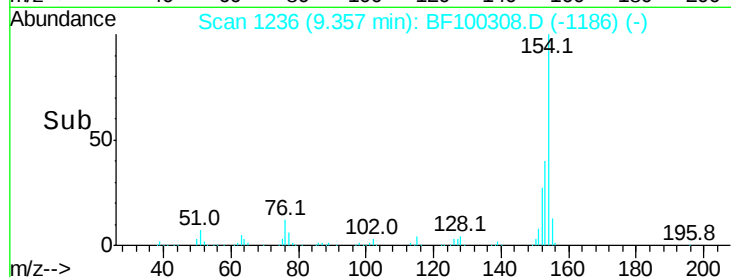
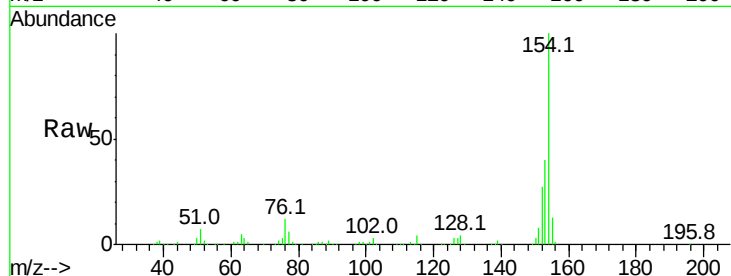
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	154	Resp:	248200
Ion Ratio	Lower	Upper	
154	100		
153	39.6	21.3	61.3
76	11.8	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 9.066 ng

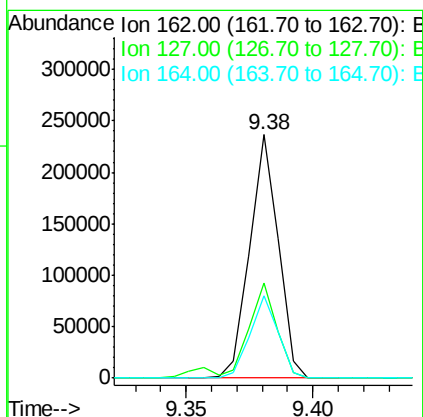
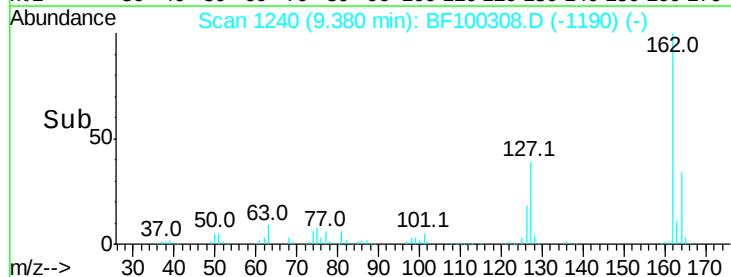
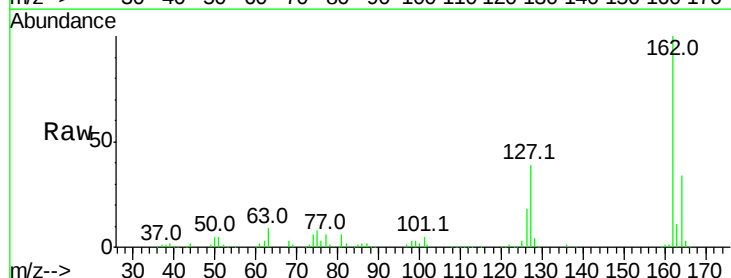
RT: 9.38 min Scan# 1240

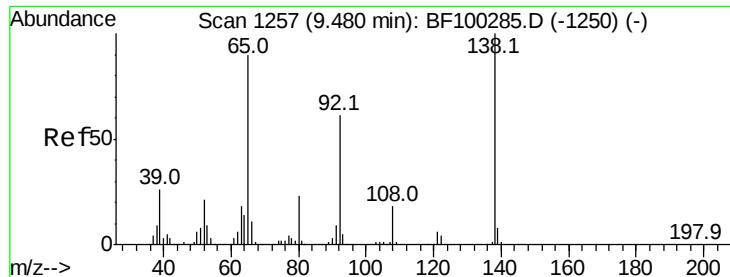
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	162	Resp:	185991
Ion Ratio	Lower	Upper	
162	100		
127	38.9	33.9	50.9
164	33.8	26.5	39.7





#47

2-Nitroaniline

Concen: 10.136 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

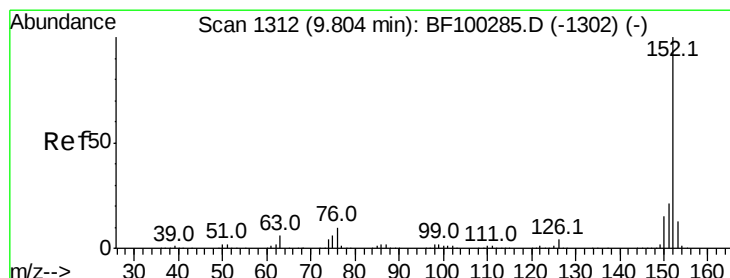
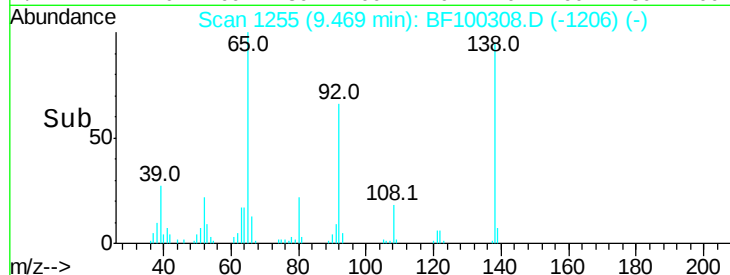
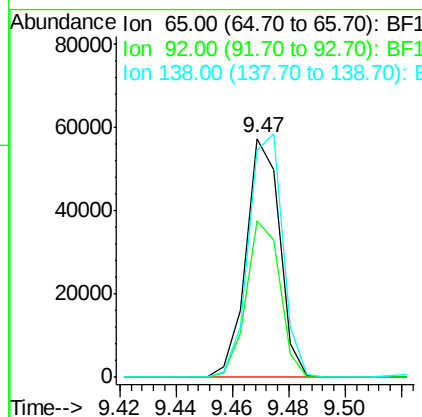
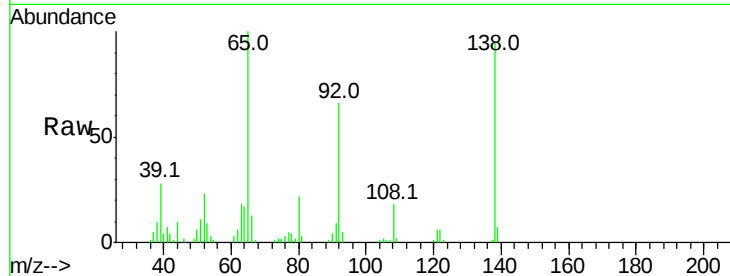
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	65	Resp:	47311
Ion Ratio	Lower	Upper	
65	100		
92	65.6	55.8	83.6
138	95.3	91.2	136.8

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#48

Acenaphthylene

Concen: 8.112 ng

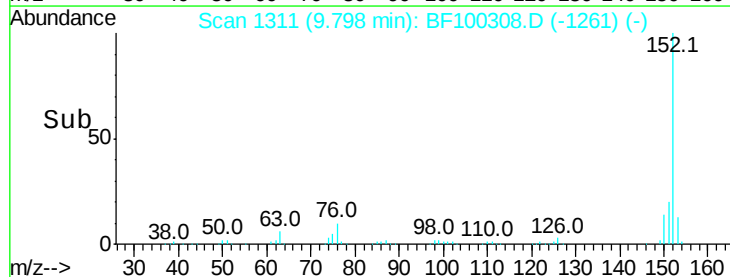
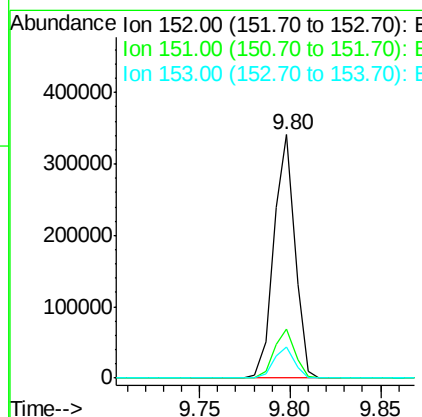
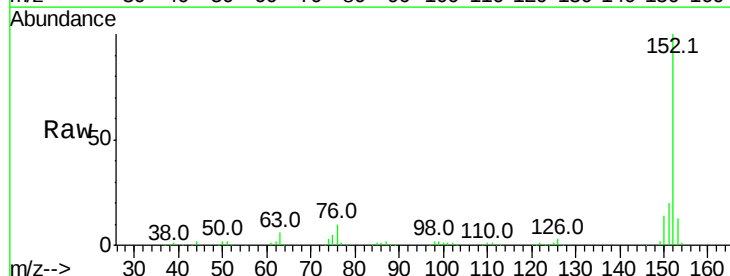
RT: 9.80 min Scan# 1311

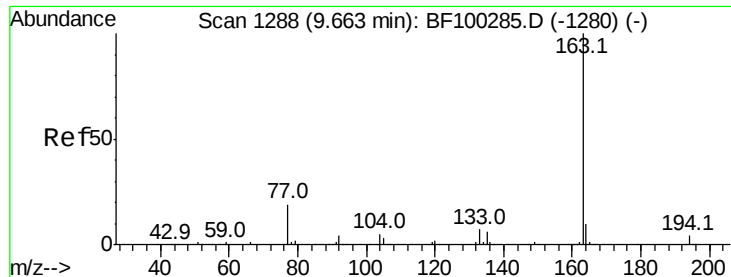
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	152	Resp:	275775
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	12.7	10.7	16.1





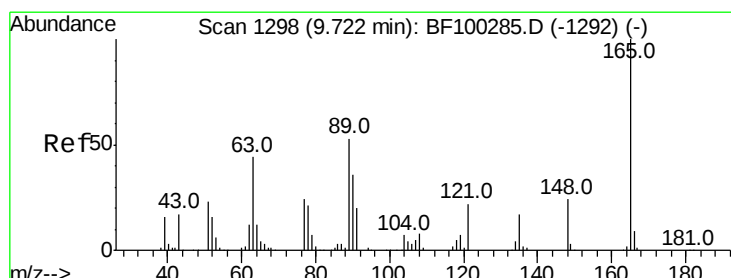
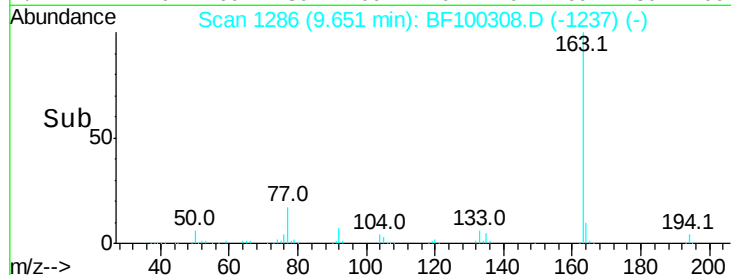
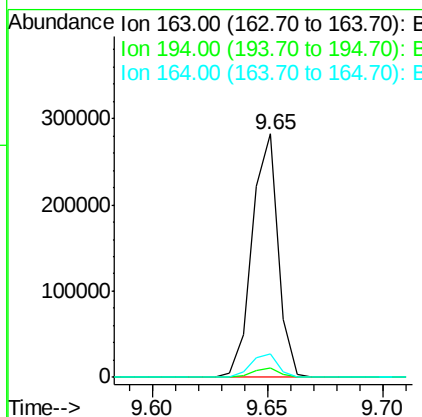
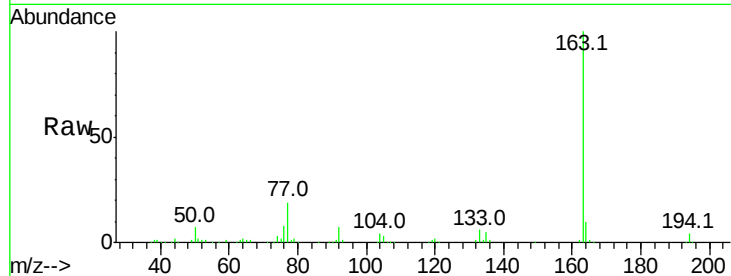
#49
Dimethylphthalate
Concen: 8.916 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	222573		
194	4.0		2.7	4.1
164	9.8		8.2	12.2

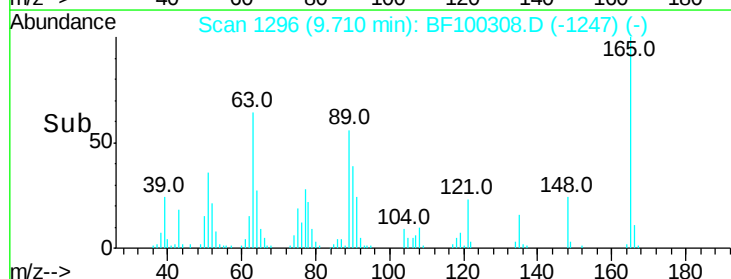
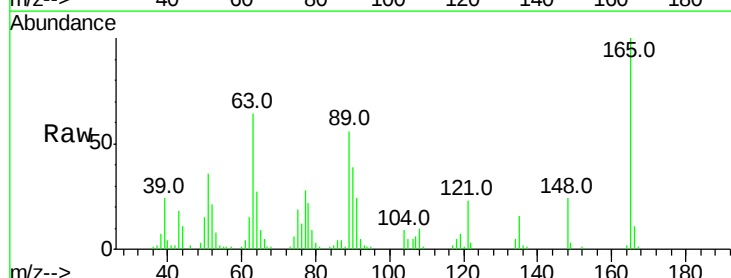
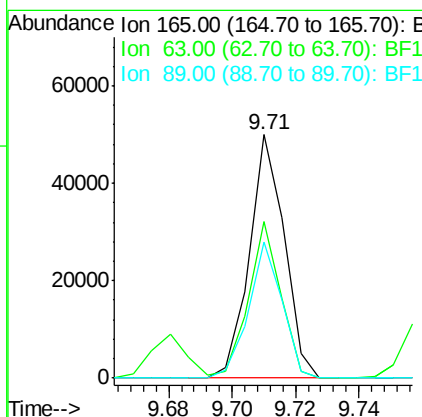
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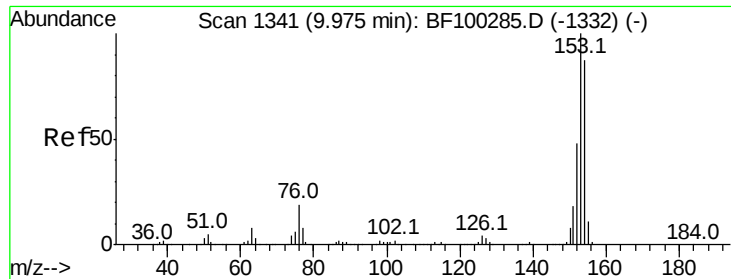
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#50
2,6-Dinitrotoluene
Concen: 7.692 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	38011		
63	64.5		44.7	67.1
89	56.1		44.0	66.0





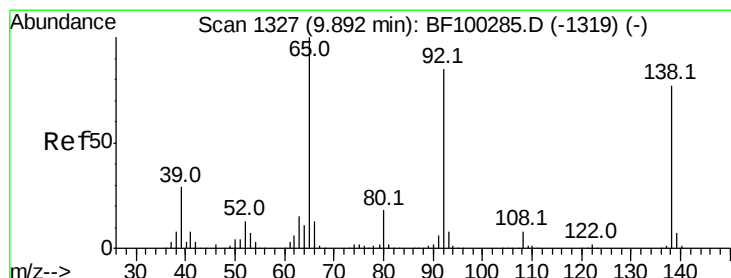
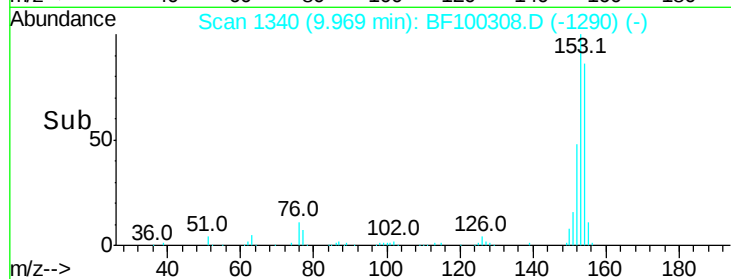
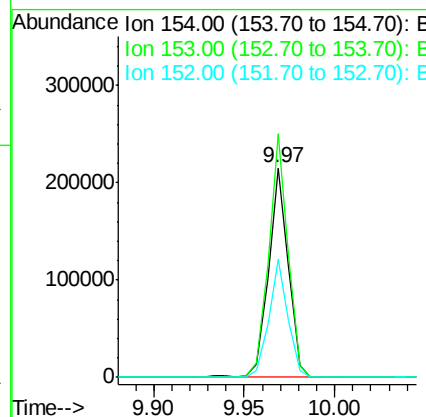
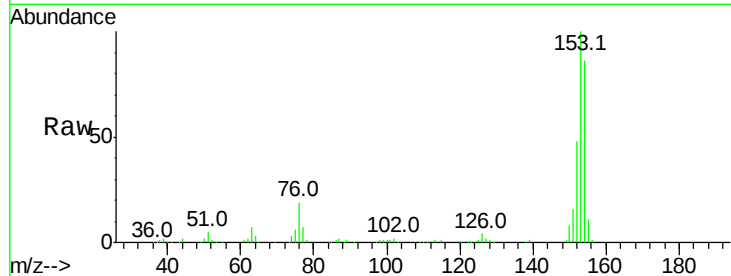
#51
Acenaphthene
Concen: 7.891 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	154	Resp	163154
Ion Ratio	Lower	Upper	
154	100		
153	116.3	91.2	136.8
152	56.3	43.8	65.8

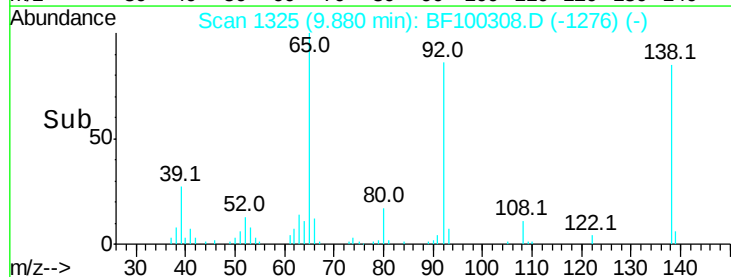
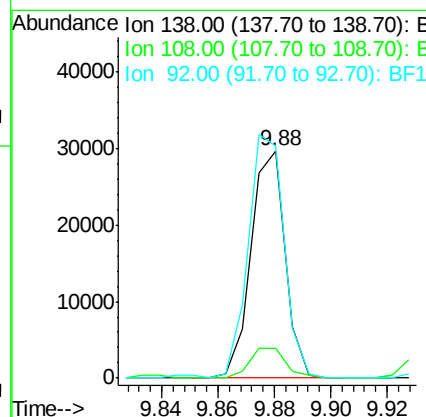
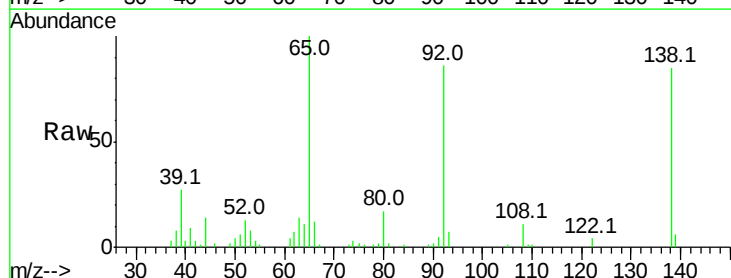
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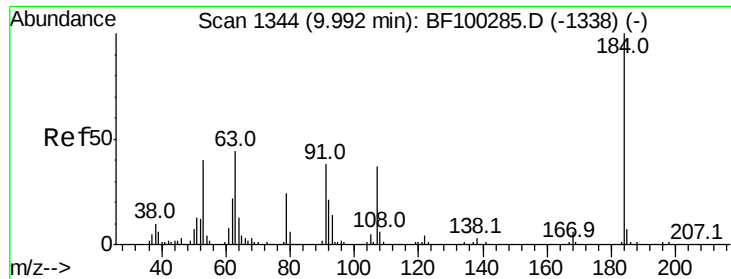
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#52
3-Nitroaniline
Concen: 4.274 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	138	Resp	24941
Ion Ratio	Lower	Upper	
138	100		
108	13.1	9.4	14.0
92	102.0	89.4	134.2





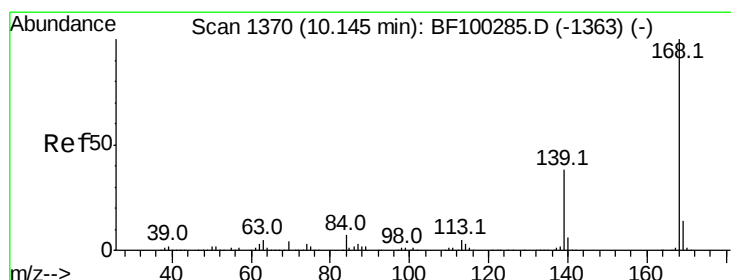
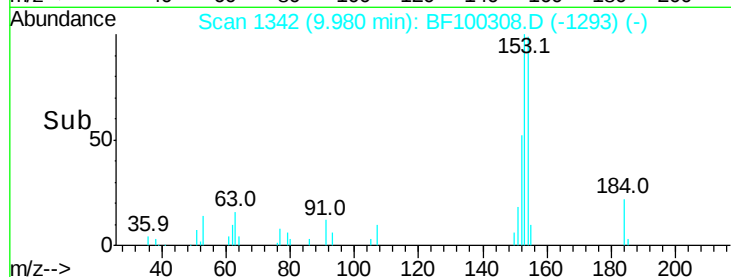
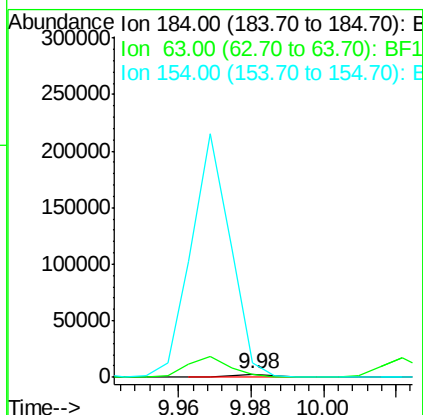
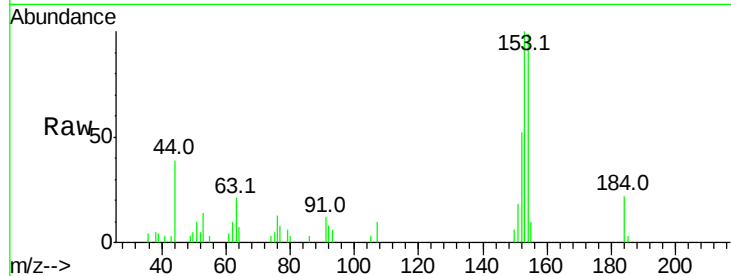
#53
2,4-Dinitrophenol
Concen: 9.143 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	94.6	54.2	81.2#
154	449.2	184.0	276.0#

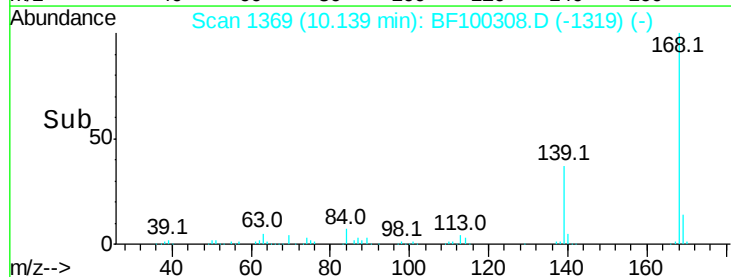
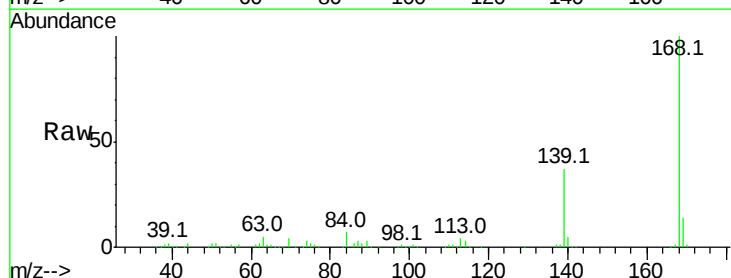
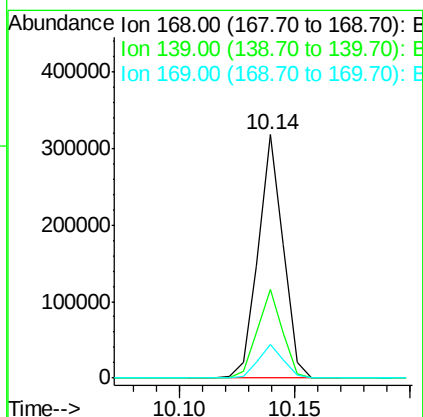
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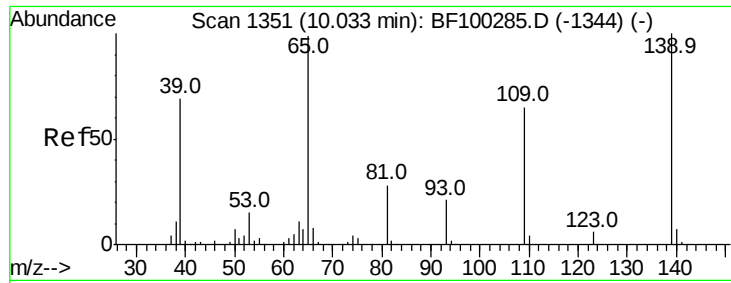
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#54
Dibenzofuran
Concen: 8.303 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.9	10.9	16.3





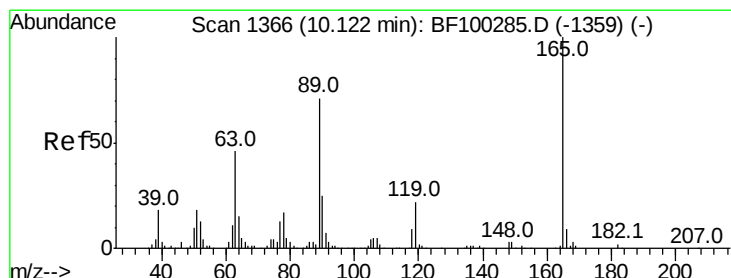
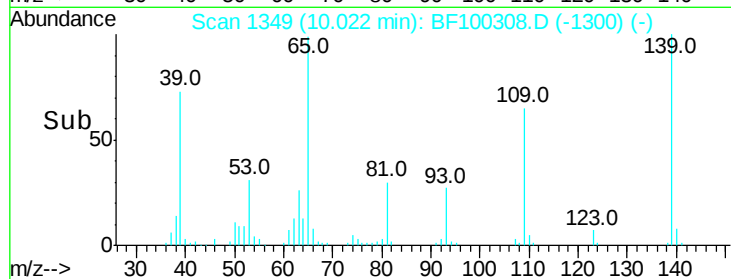
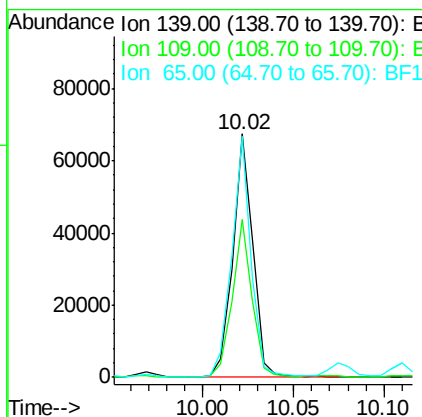
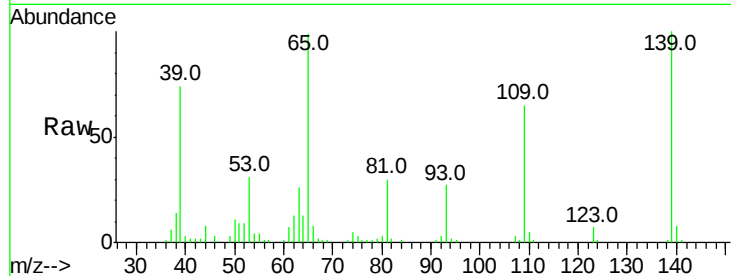
#55
 4-Nitrophenol
 Concen: 10.948 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion:	139	Resp:	51872
Ion Ratio	Lower	Upper	
139	100		
109	64.7	48.4	88.4
65	99.1	72.6	112.6

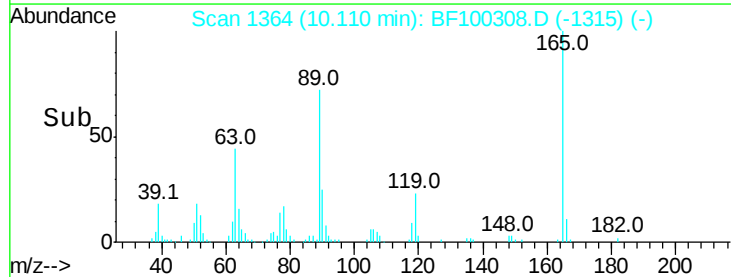
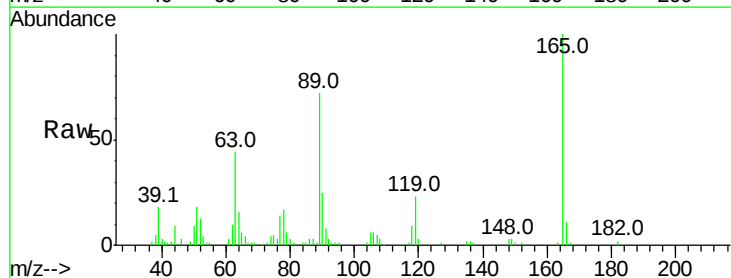
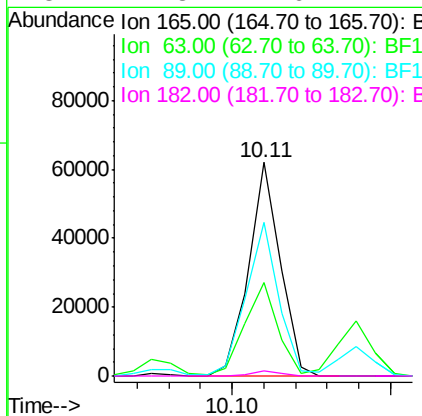
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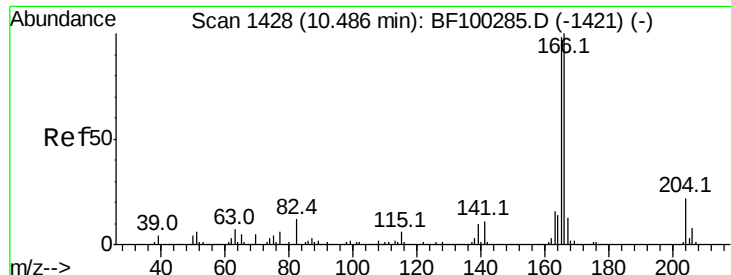
Sohil
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#56
 2,4-Dinitrotoluene
 Concen: 6.929 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion:	165	Resp:	43193
Ion Ratio	Lower	Upper	
165	100		
63	43.9	36.4	54.6
89	71.7	57.8	86.6
182	2.3	1.6	2.4





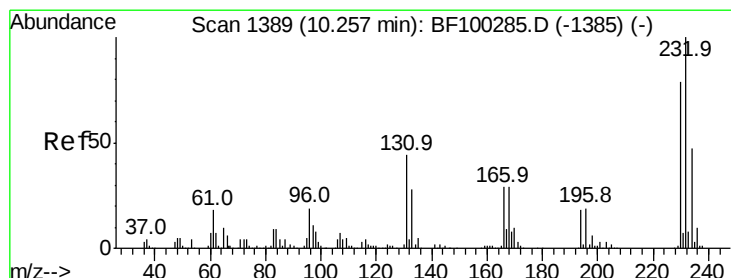
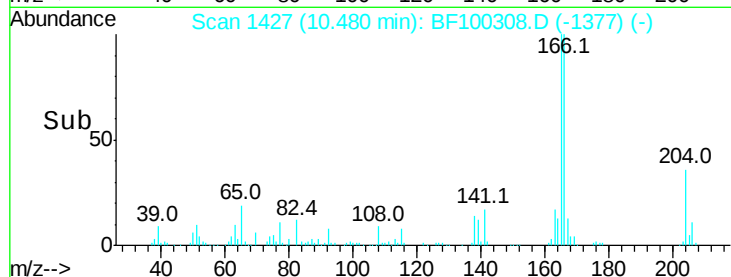
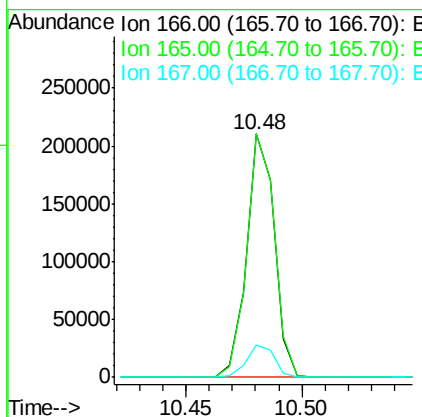
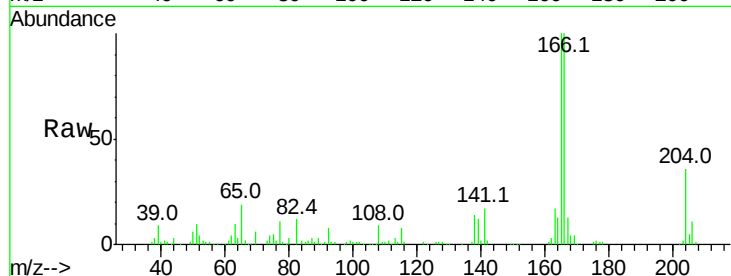
#57
Fluorene
 Concen: 8.337 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	79.8	119.8	
167	13.5	10.6	16.0	

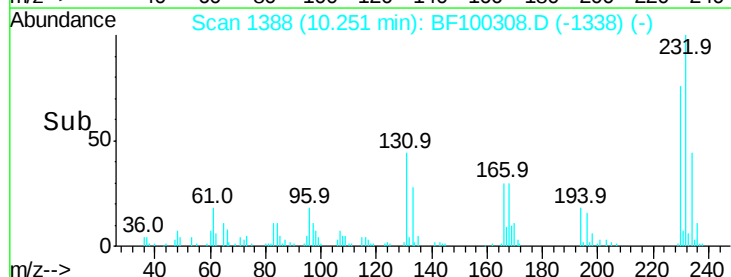
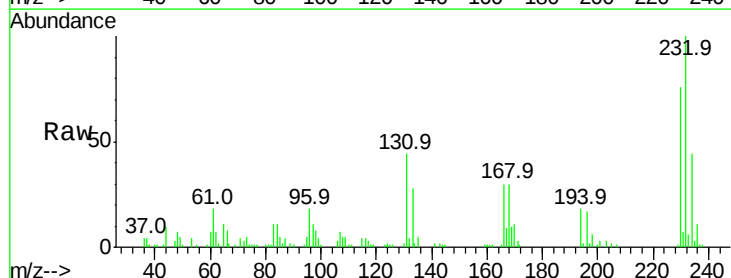
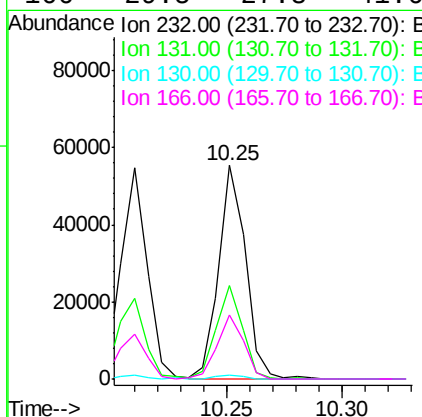
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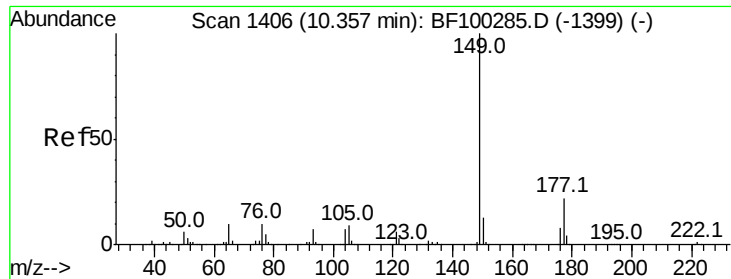
Sohil
 11/9/2017 3:41:53 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 7.660 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.8	43.8	65.8#	
130	1.7	2.1	3.1#	
166	29.5	27.8	41.6	





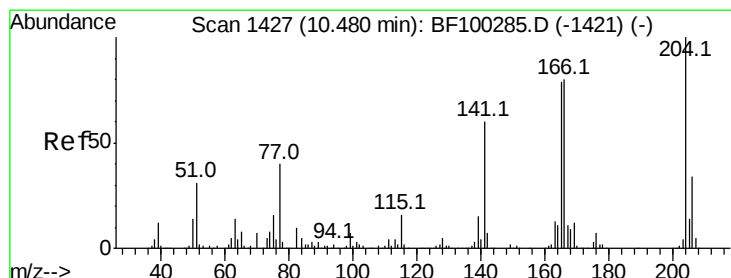
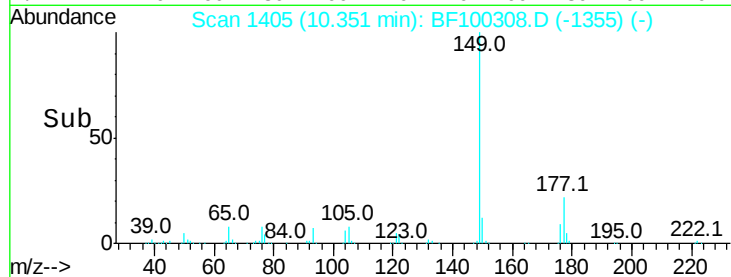
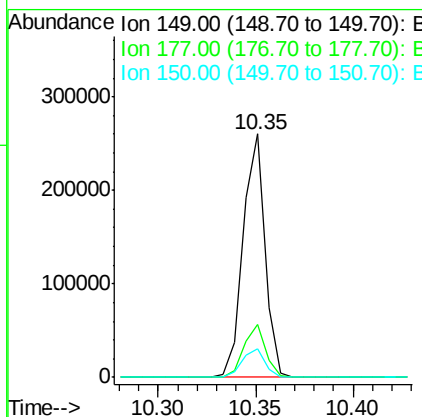
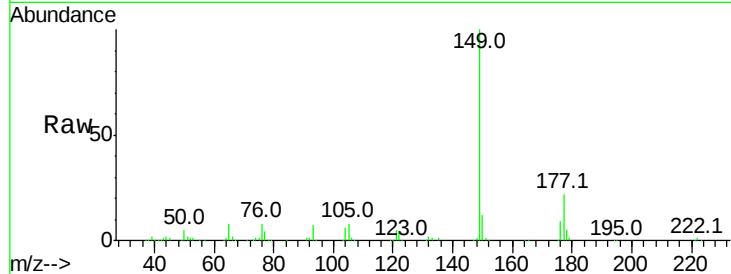
#59
Diethylphthalate
Concen: 8.094 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	202197		
177	21.9	16.1	24.1	
150	11.7	10.1	15.1	

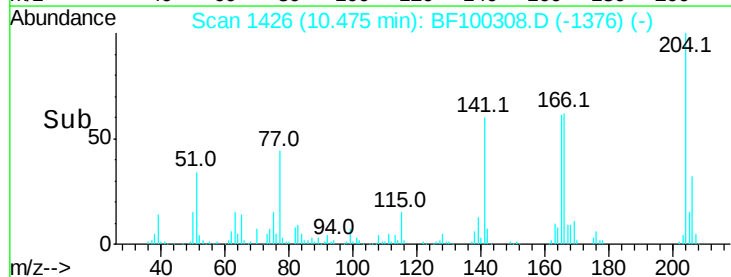
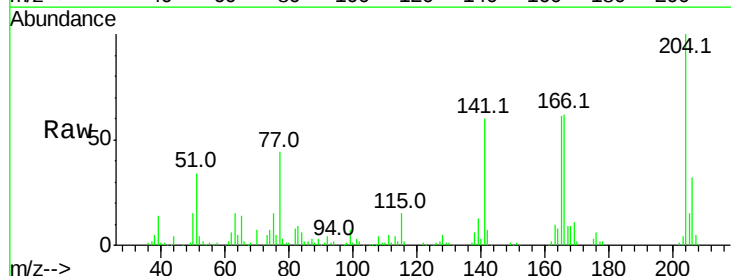
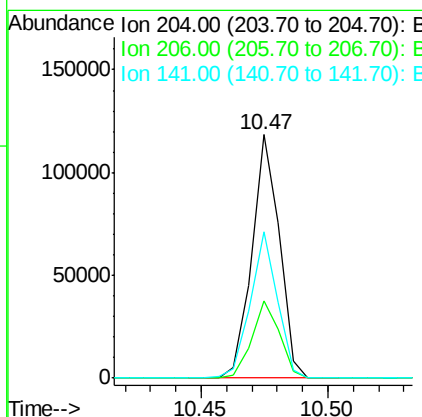
Manual Integrations
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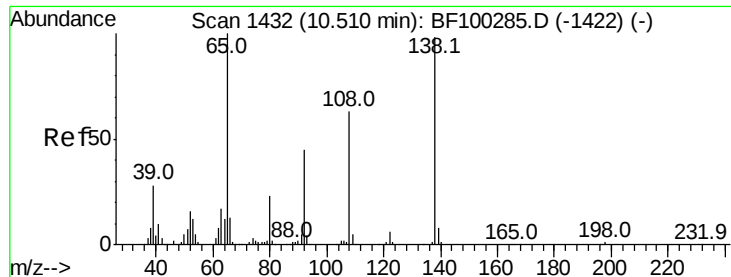
Sohil
11/9/2017 3:41:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 8.584 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	89398		
206	31.8	26.5	39.7	
141	60.1	54.6	81.8	





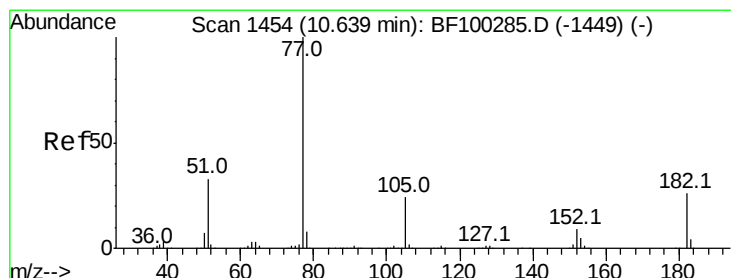
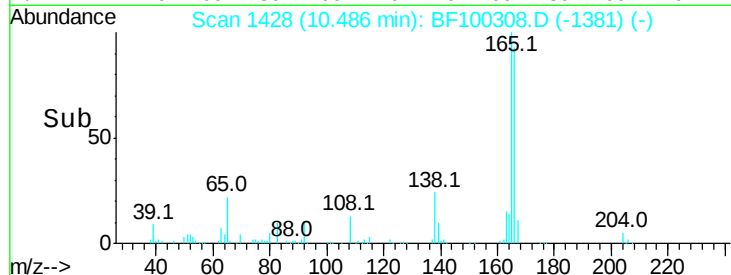
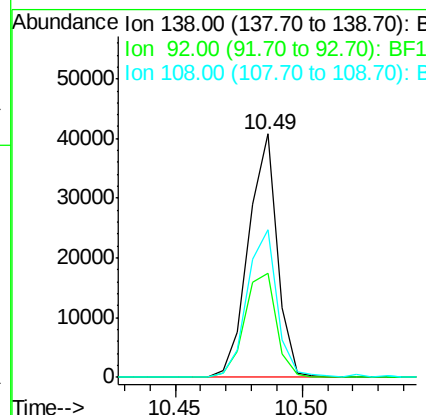
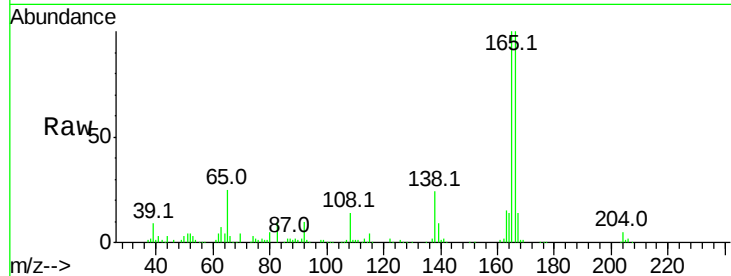
#61
4-Nitroaniline
Concen: 5.821 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.6	30.2	70.2
108	60.7	52.5	92.5

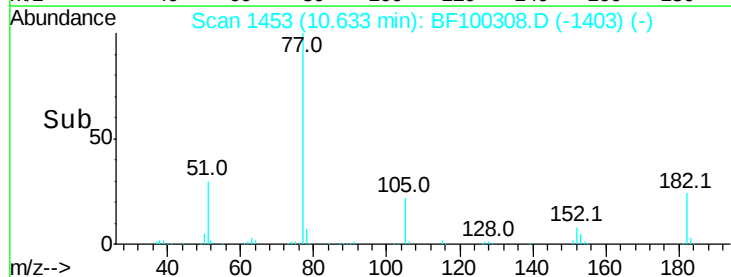
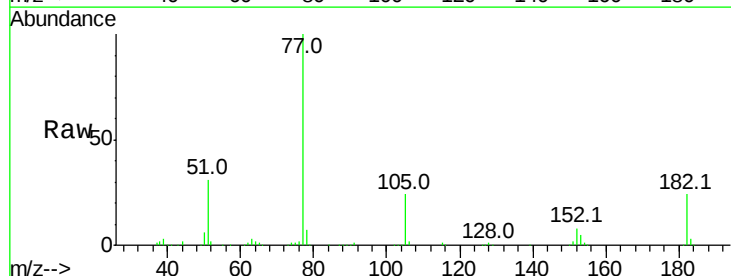
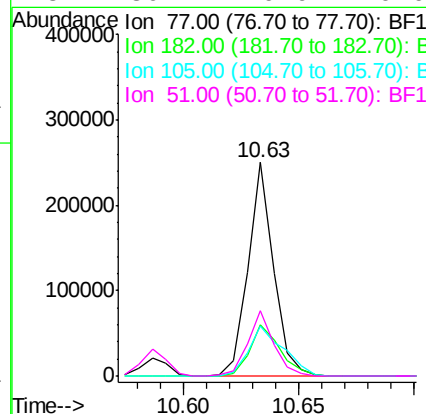
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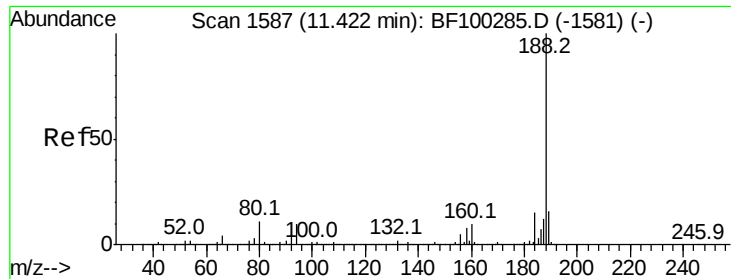
Sohil
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#62
Azobenzene
Concen: 8.178 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	23.5	3.0	43.0
51	30.7	9.9	49.9





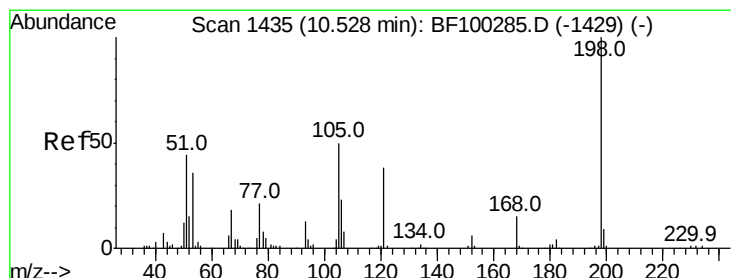
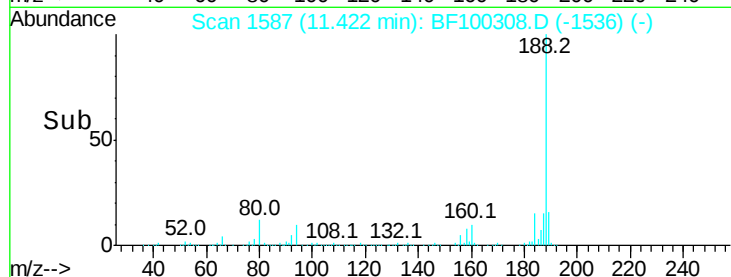
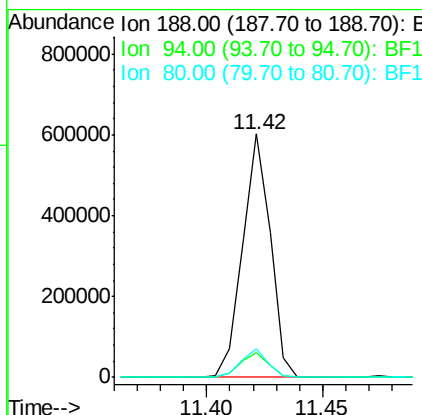
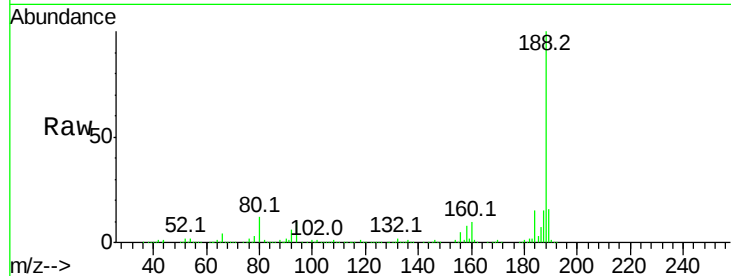
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	506190		
94	10.2		8.5	12.7
80	11.7		9.2	13.8

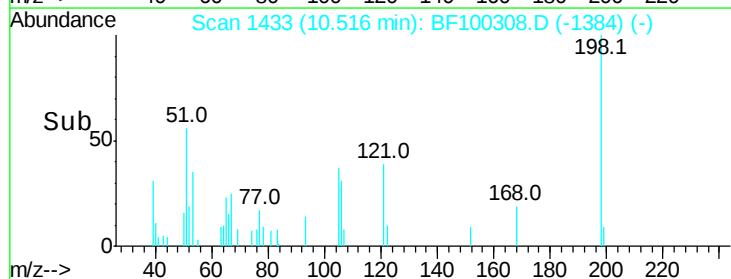
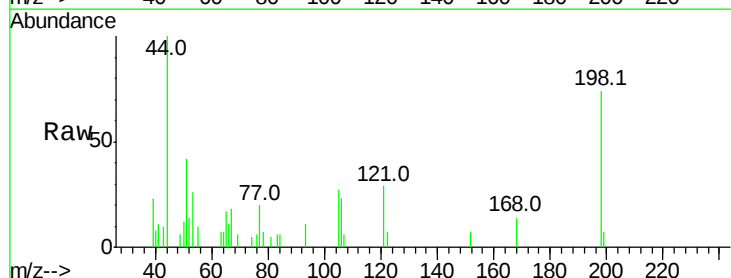
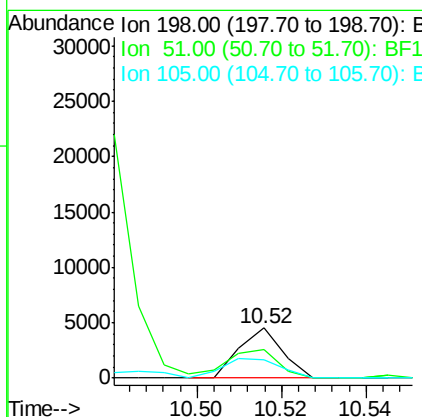
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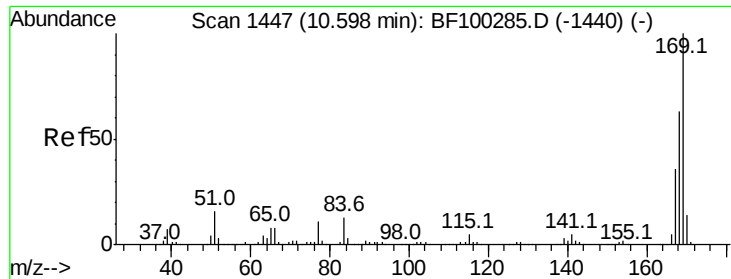
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.588 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3166		
51	56.4		37.7	77.7
105	36.6		36.3	76.3





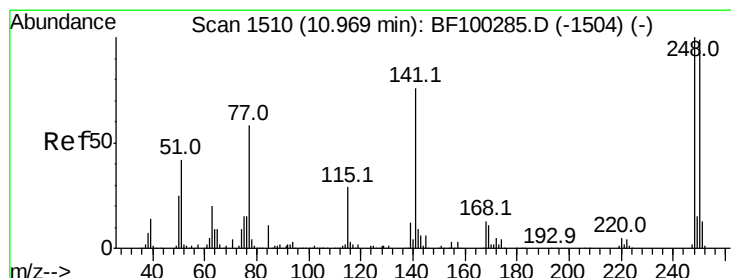
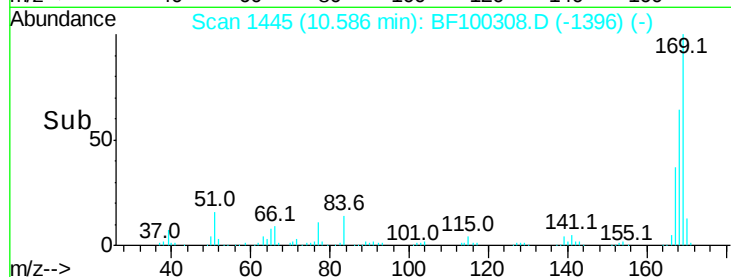
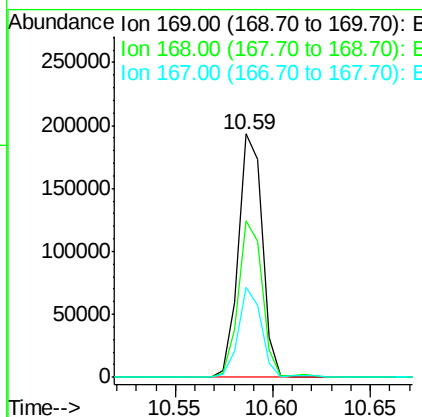
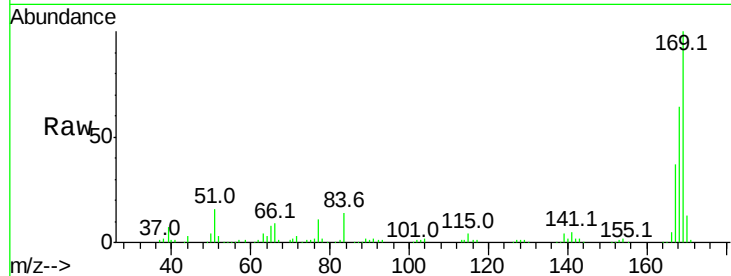
#65
n-Nitrosodiphenylamine
Concen: 9.354 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	164635		
168	64.4		54.4	81.6
167	37.0		29.8	44.6

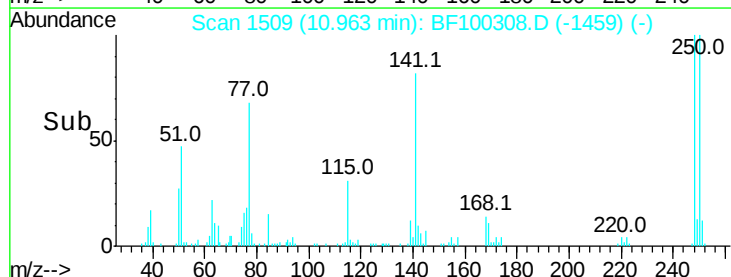
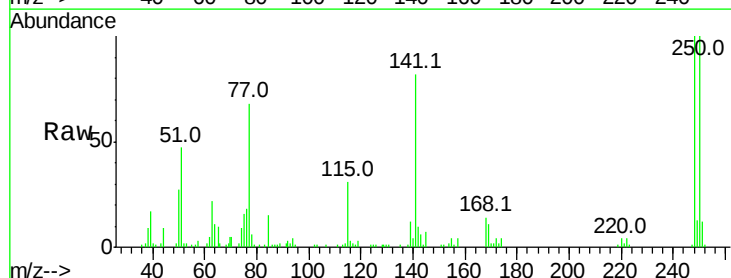
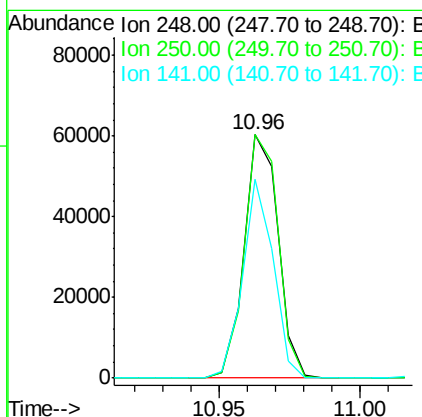
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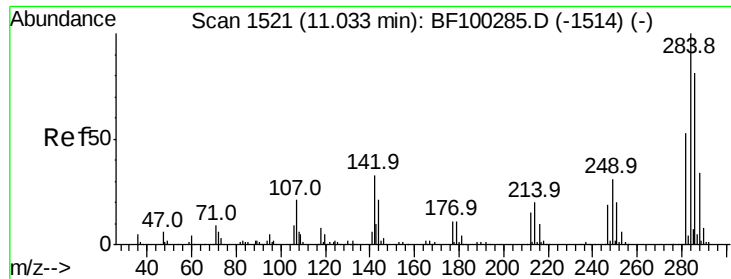
Sohil
11/9/2017 3:41:53 PM



#66
4-Bromophenyl-phenylether
Concen: 9.264 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	50267		
250	100.2		76.9	115.3
141	82.0		74.4	111.6





#67

Hexachlorobenzene

Concen: 8.712 ng

RT: 11.03 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

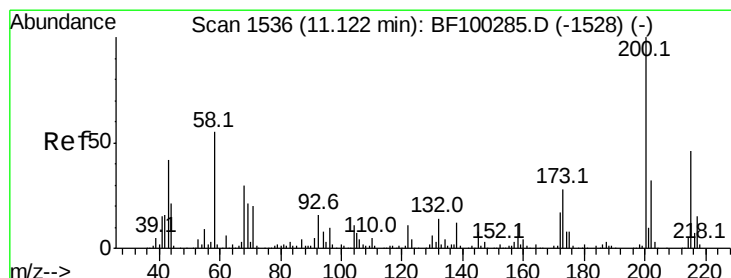
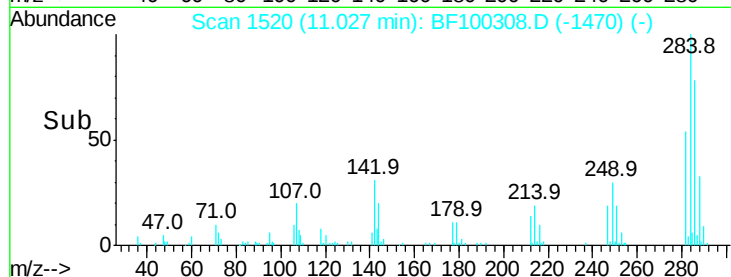
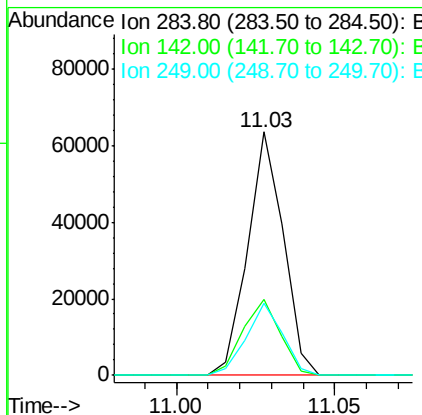
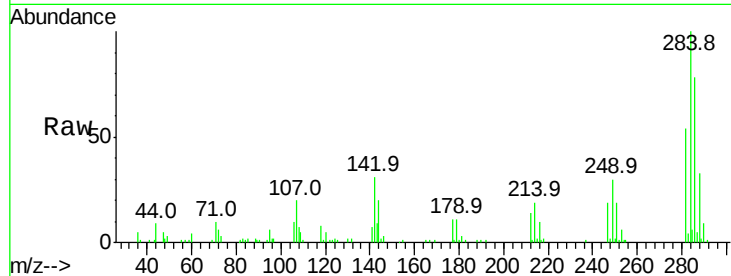
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	284	Resp:	49443
Ion Ratio	Lower	Upper	
284	100		
142	31.2	34.6	52.0#
249	29.7	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 8.838 ng

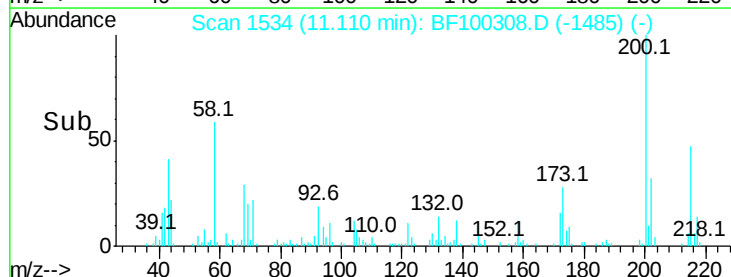
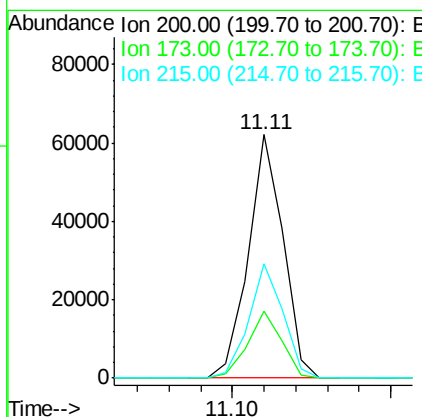
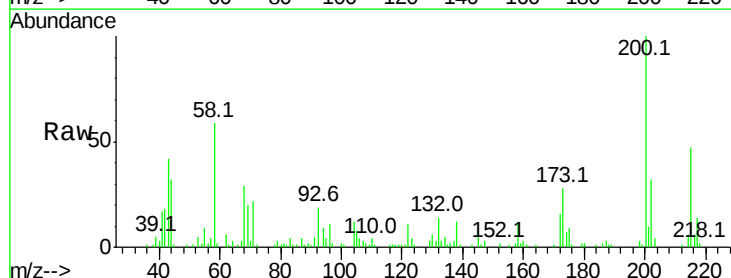
RT: 11.11 min Scan# 1534

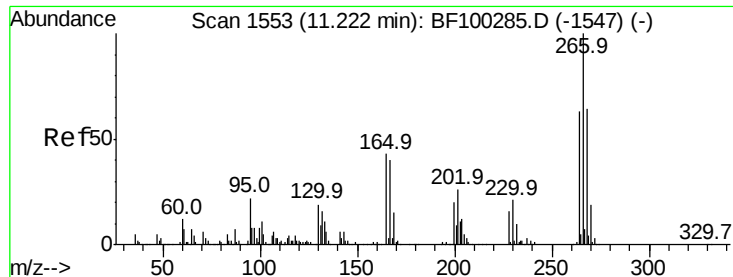
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	200	Resp:	47085
Ion Ratio	Lower	Upper	
200	100		
173	27.6	8.6	48.6
215	46.8	25.1	65.1





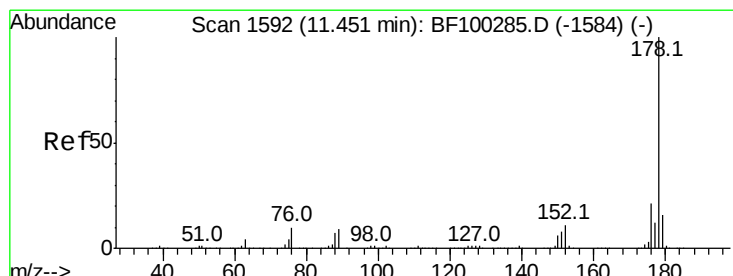
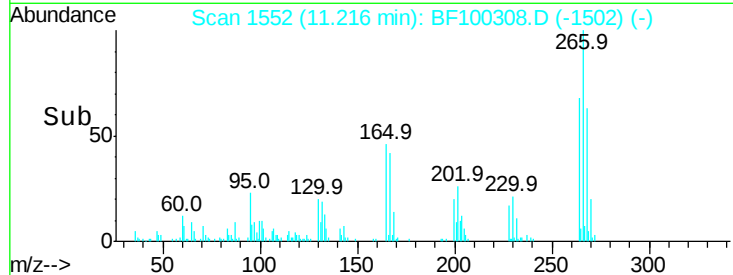
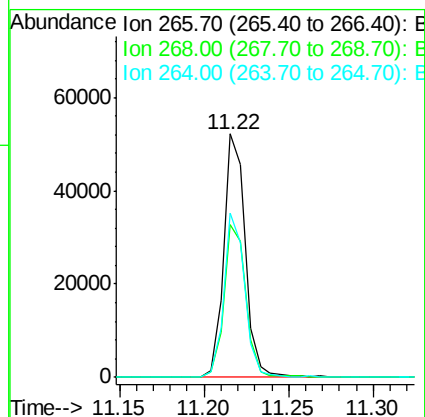
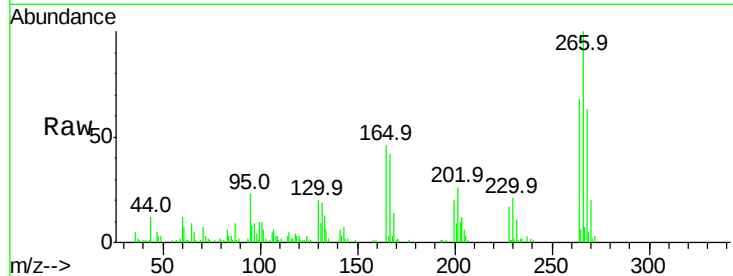
#69
 Pentachlorophenol
 Concen: 11.423 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.8	51.1	76.7	
264	67.7	49.5	74.3	

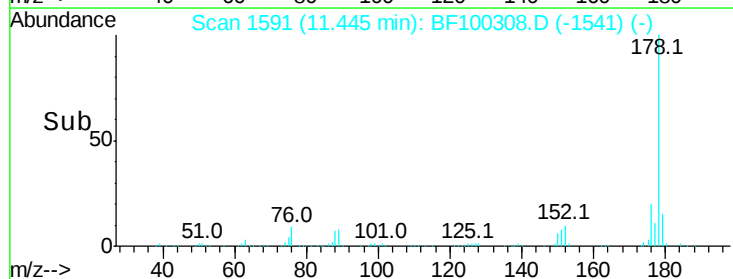
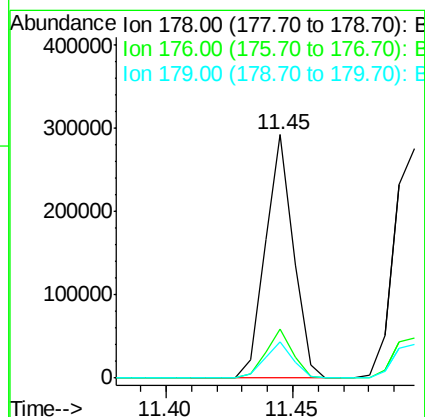
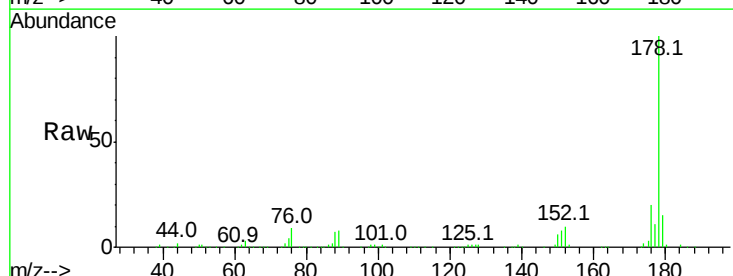
Manual Integrations
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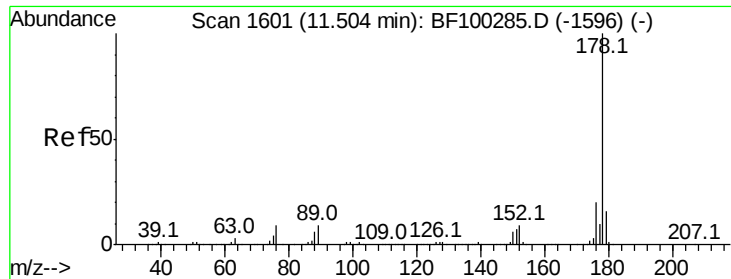
Sohil
 11/9/2017 3:41:53 PM



#70
 Phenanthrene
 Concen: 8.414 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.1	15.8	23.8	
179	14.9	13.0	19.6	





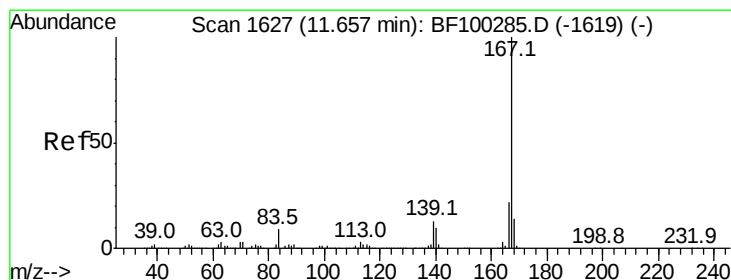
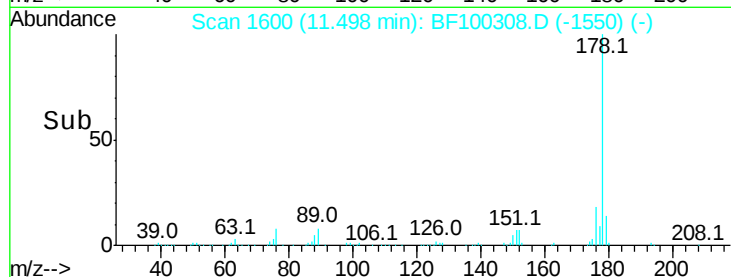
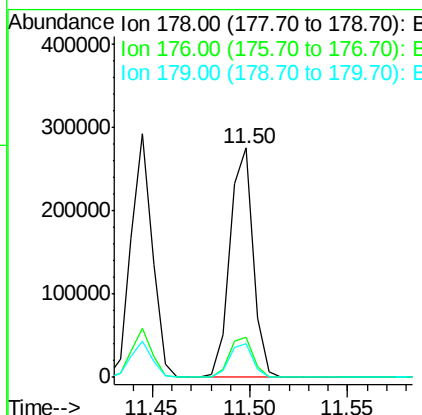
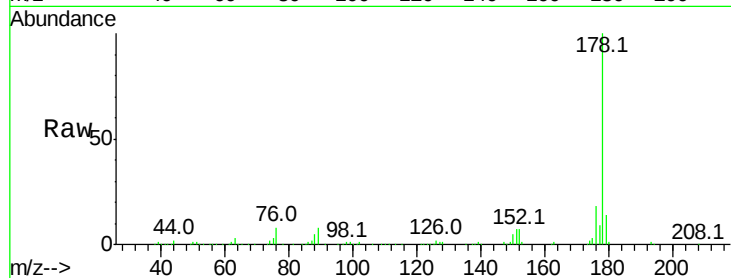
#71
 Anthracene
 Concen: 8.384 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.5	12.6	19.0

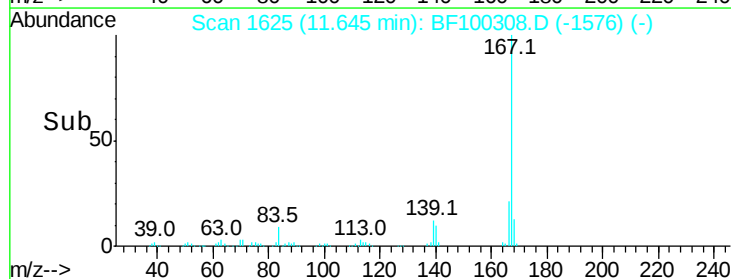
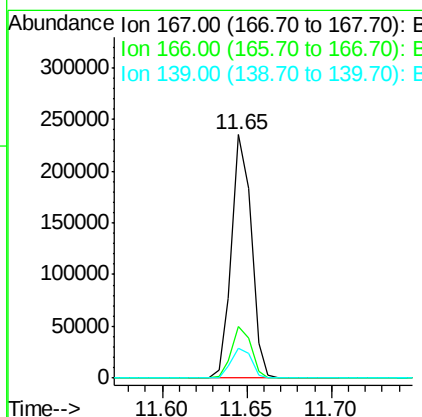
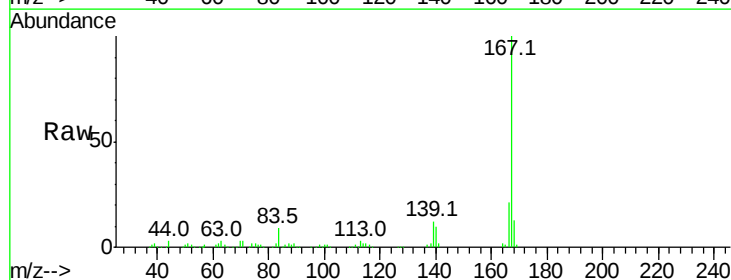
Manual Integrations
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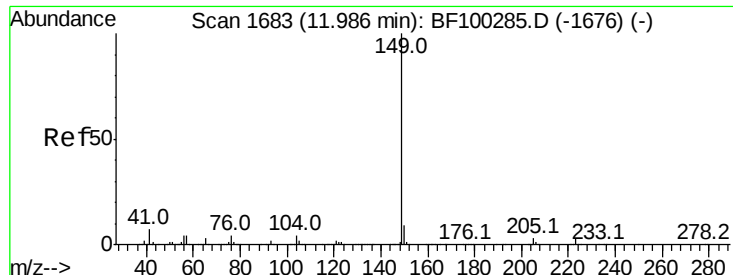
Sohil
 11/9/2017 3:41:53 PM



#72
 Carbazole
 Concen: 7.676 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.6	26.4
139	12.3	10.9	16.3





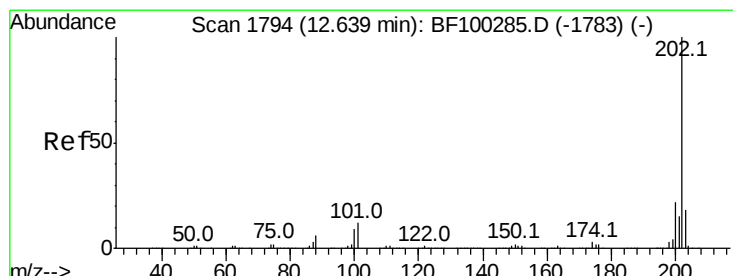
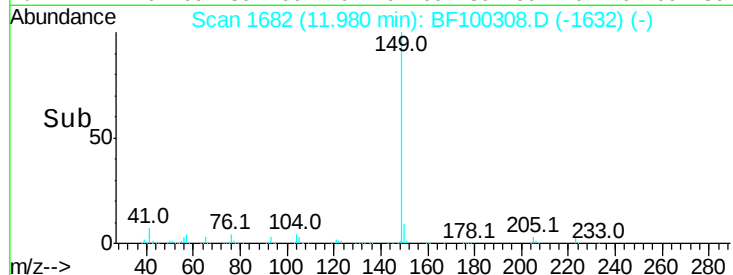
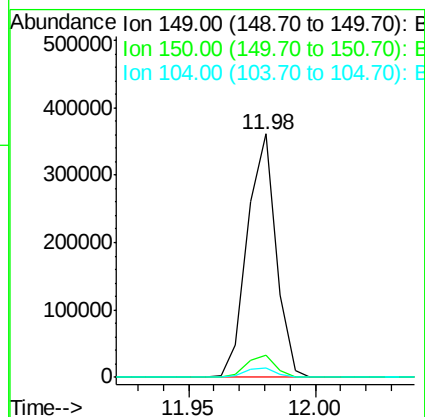
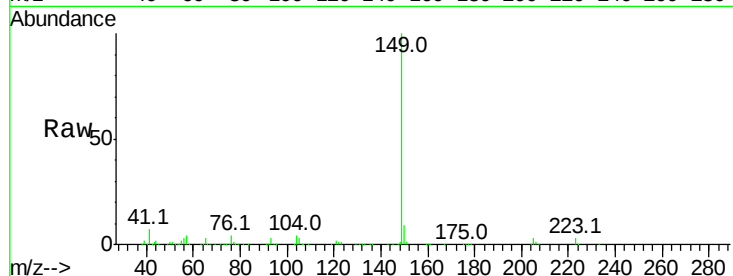
#73
Di-n-butylphthalate
Concen: 9.751 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion:	149	Resp:	284701
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.1	3.8	5.8

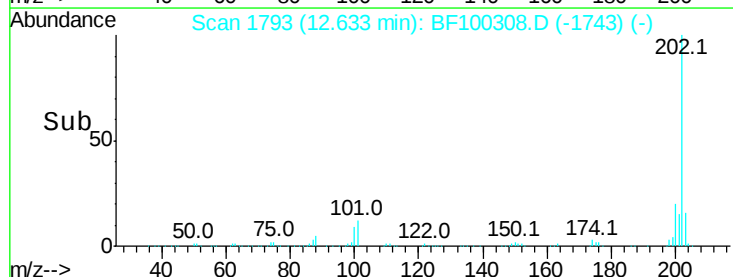
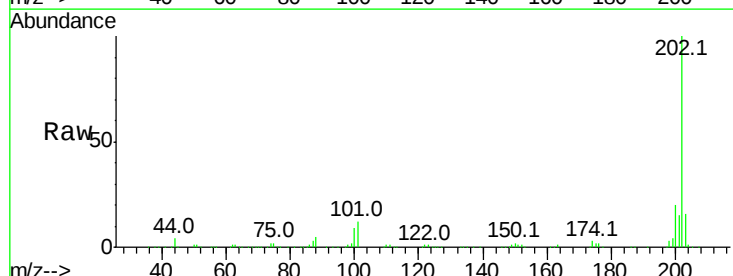
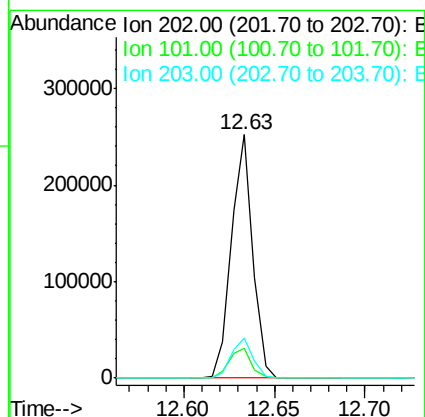
Manual Integrations
APPROVED

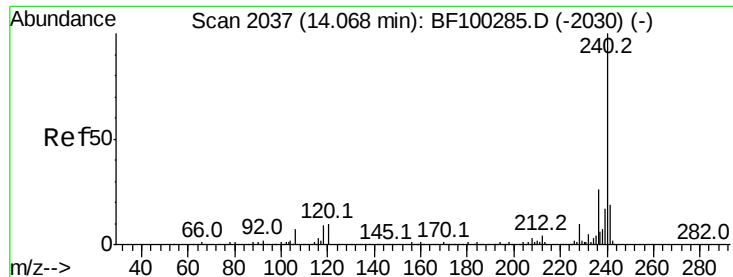
Sohil
11/9/2017 3:41:53 PM



#74
Fluoranthene
Concen: 7.291 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion:	202	Resp:	205926
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	34.1
203	16.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

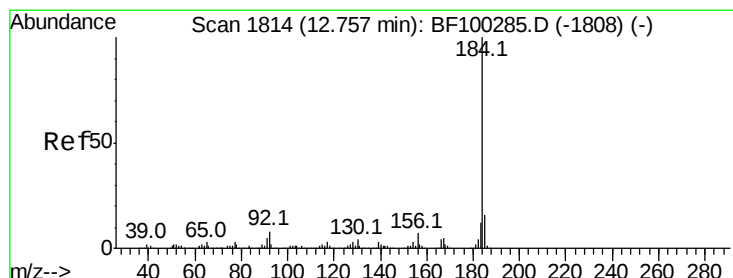
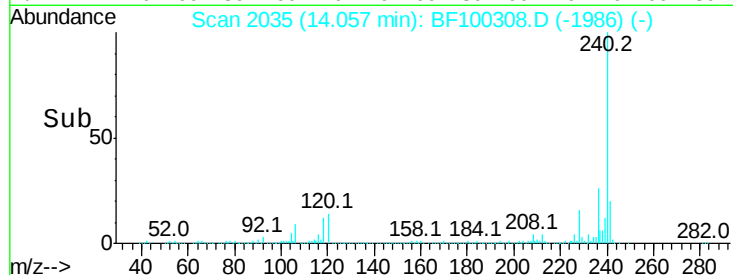
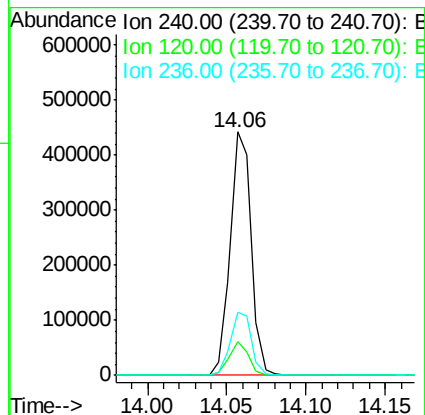
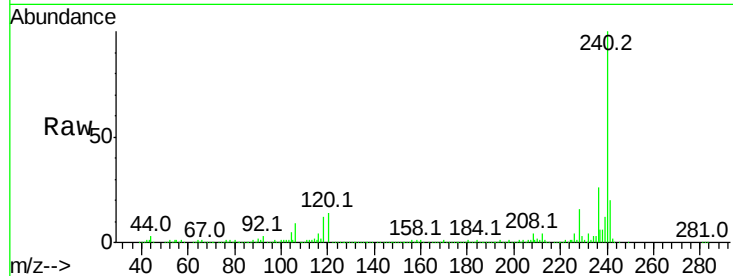
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:	240	Resp:	406758
Ion Ratio		Lower	Upper
240	100		
120	13.6	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 2.243 ng

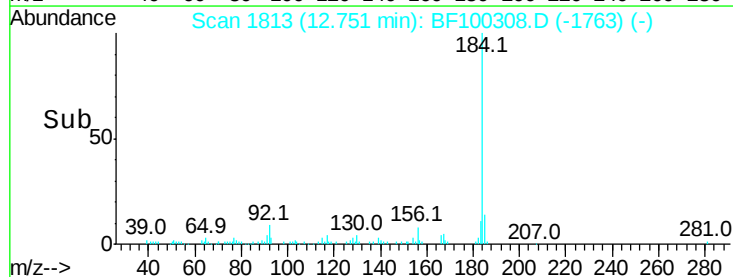
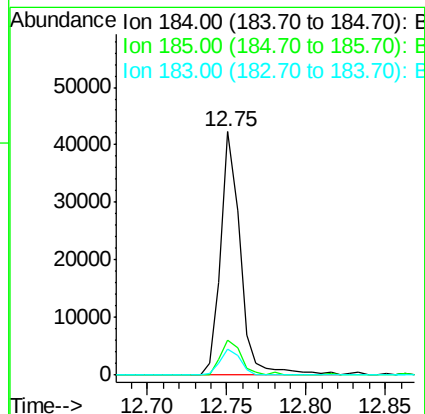
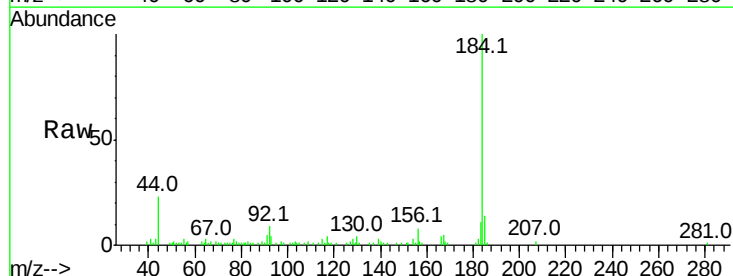
RT: 12.75 min Scan# 1813

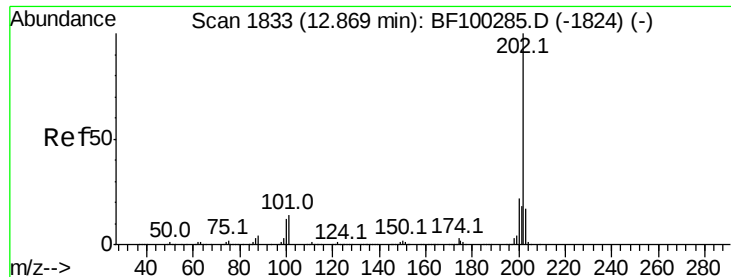
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:	184	Resp:	36538
Ion Ratio		Lower	Upper
184	100		
185	14.4	12.6	18.8
183	10.9	9.3	13.9





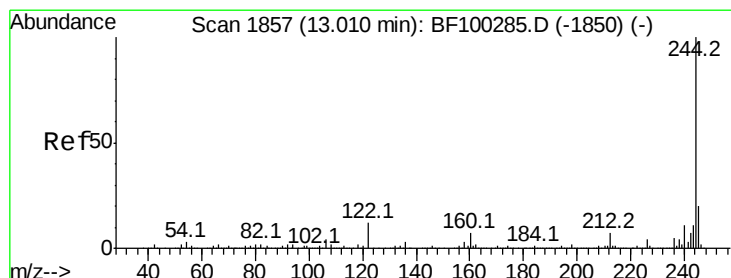
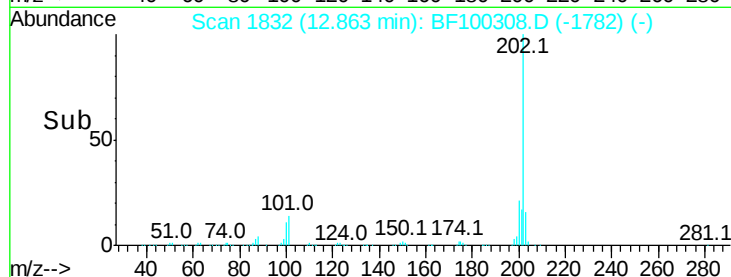
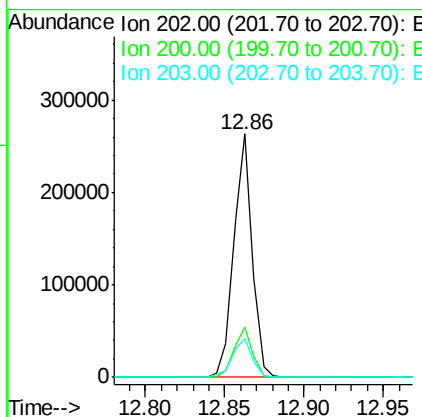
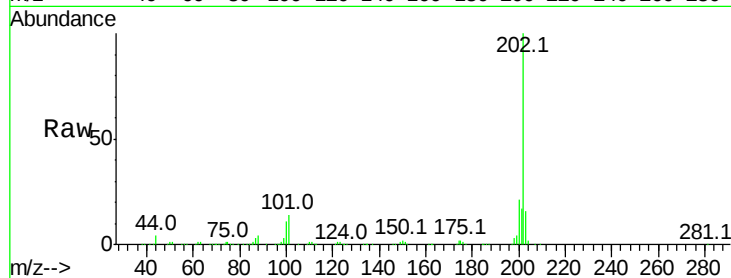
#77
Pvrene
Concen: 7.281 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.1	14.3	21.5

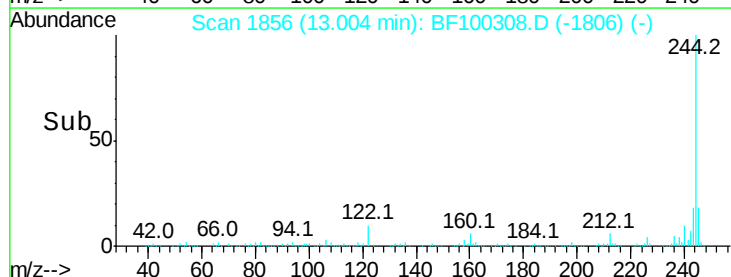
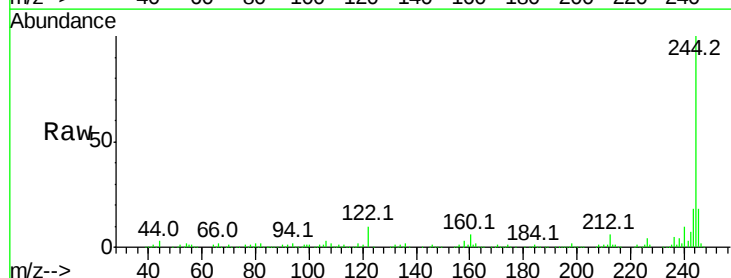
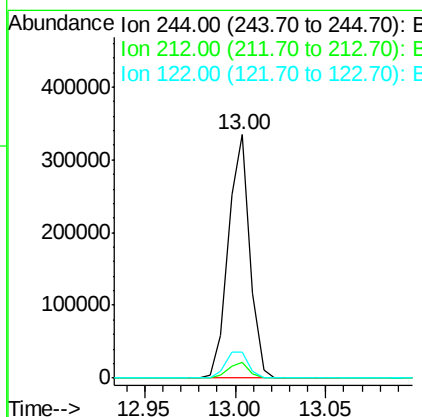
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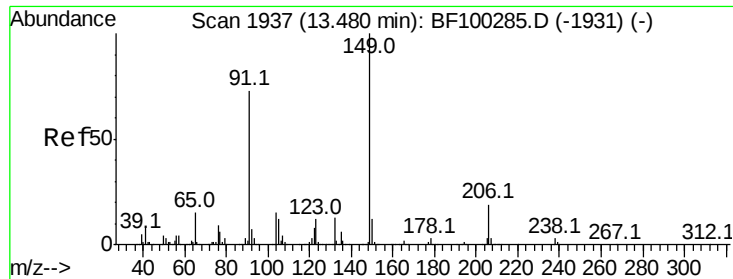
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#78
Terphenyl-d14
Concen: 15.512 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.5	11.0	16.4#





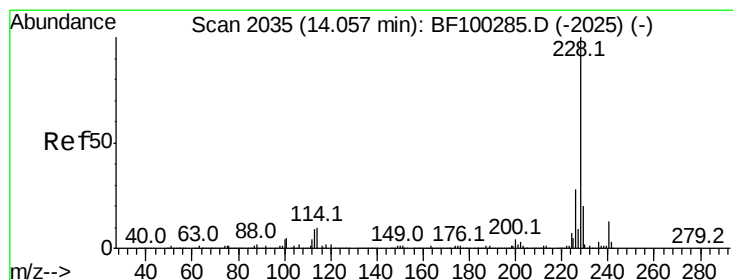
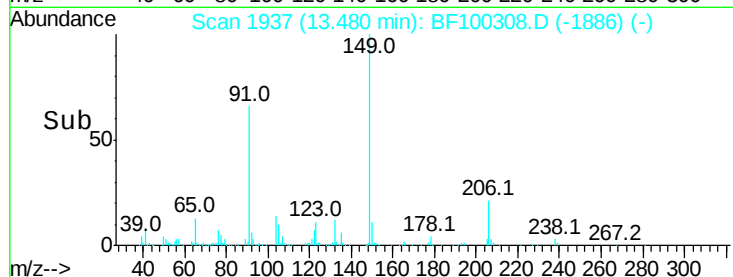
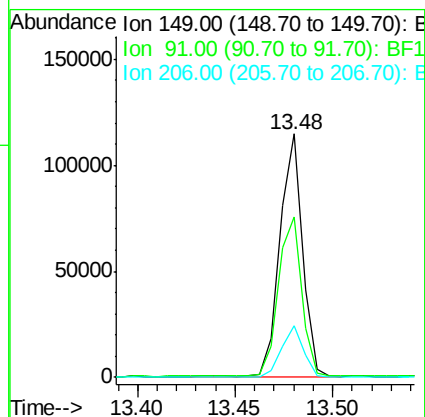
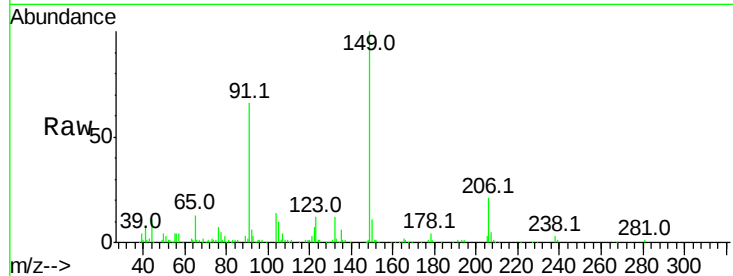
#79
Butylbenzylphthalate
Concen: 7.767 ng
RT: 13.48 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	56.8	85.2
206	21.2	14.1	21.1

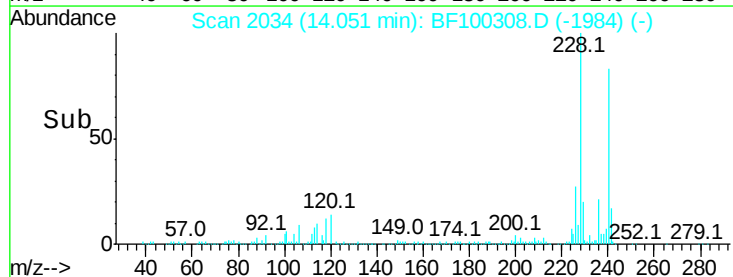
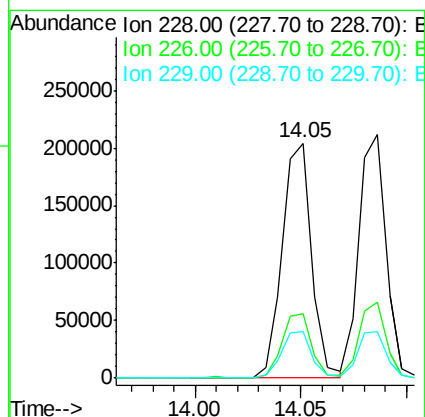
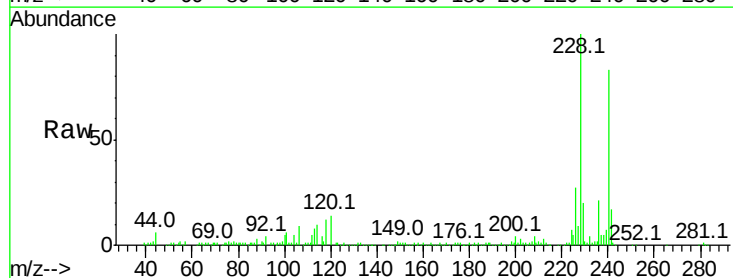
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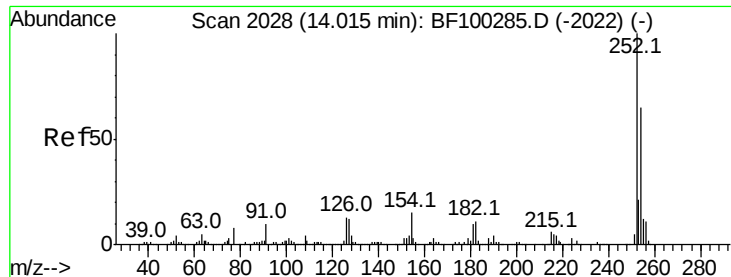
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#80
Benzo(a)anthracene
Concen: 8.105 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.8	15.8	23.6





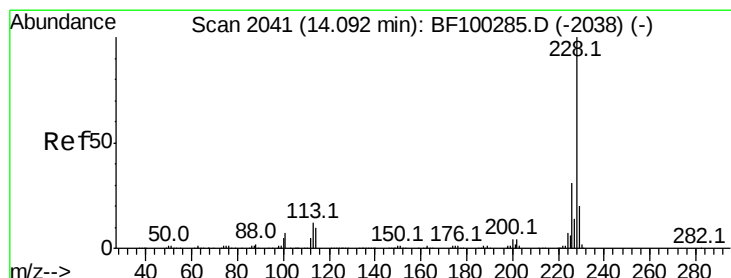
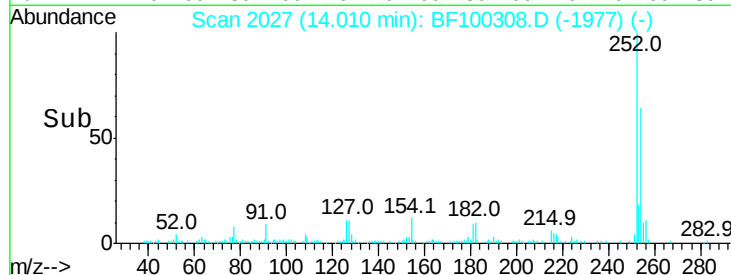
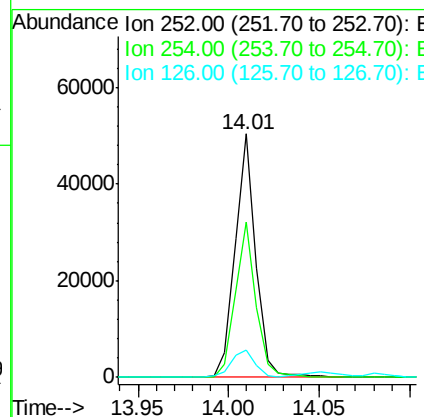
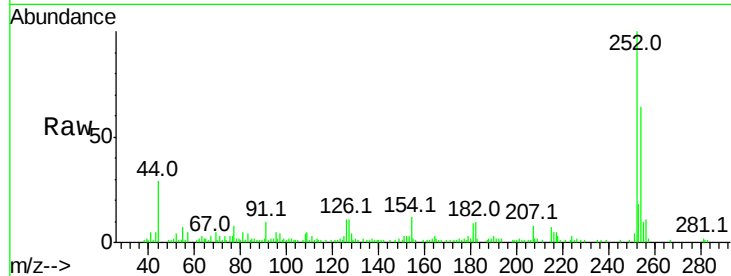
#81
 3,3'-Dichlorobenzidine
 Concen: 4.562 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	11.0	11.3	16.9

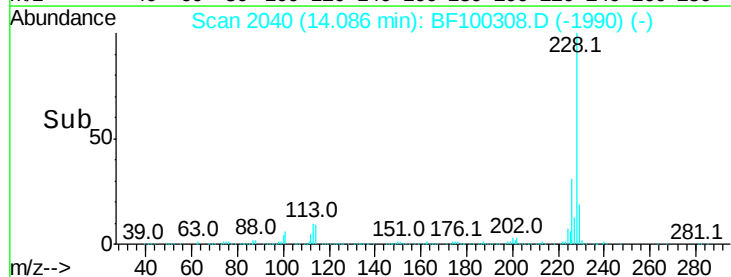
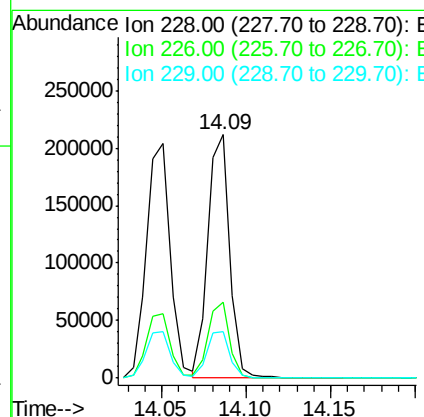
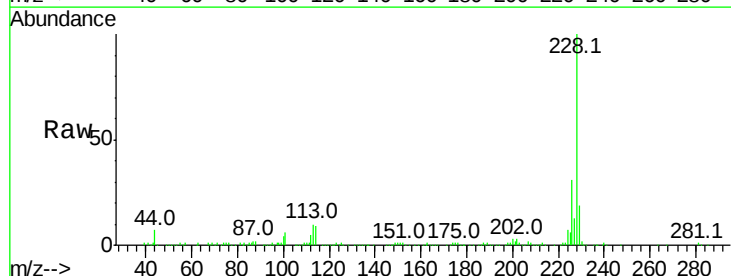
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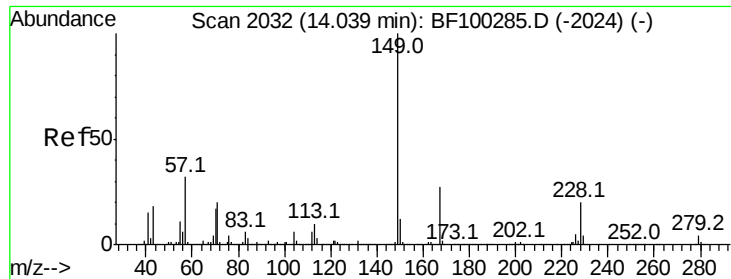
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#82
 Chrysene
 Concen: 8.020 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	19.1	16.2	24.4





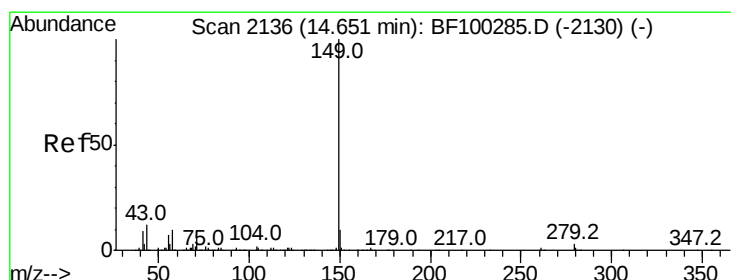
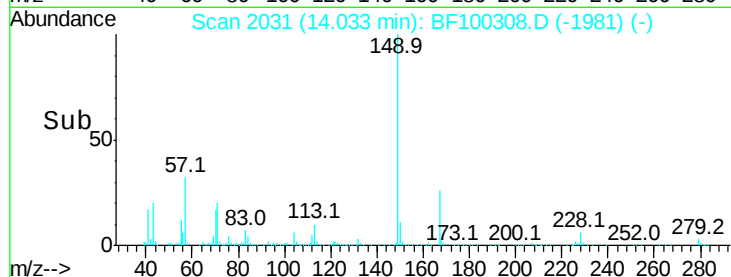
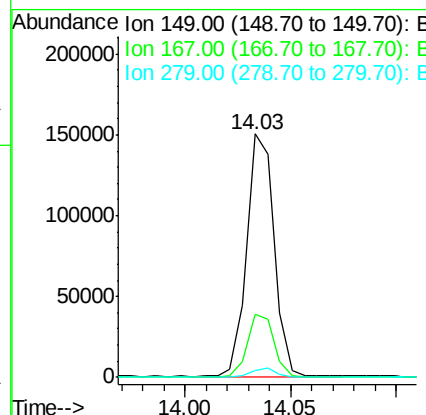
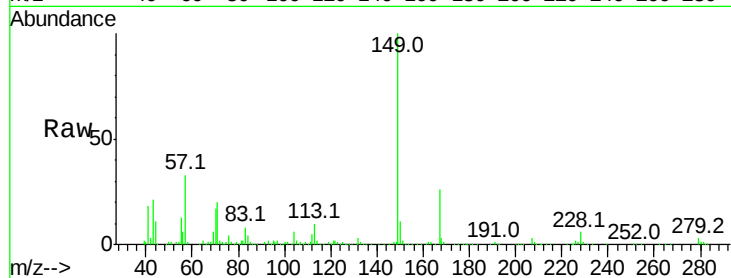
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.671 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.9	21.3	31.9	
279	2.7	3.0	4.4	

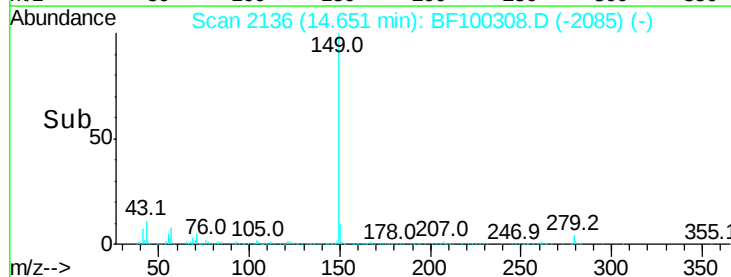
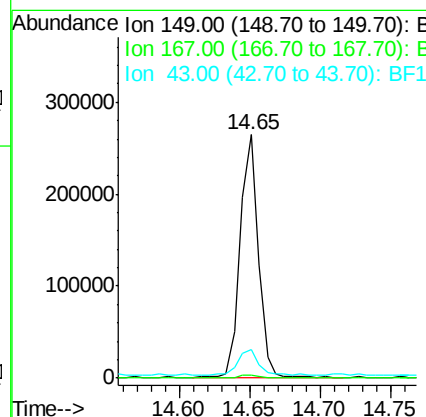
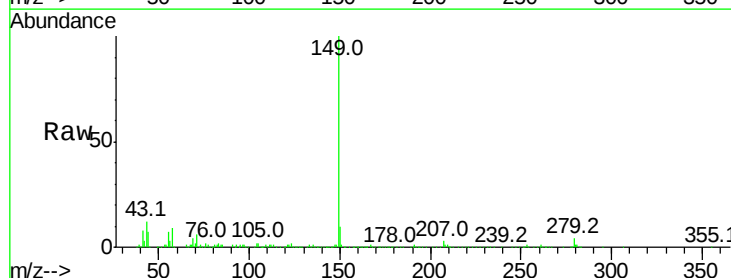
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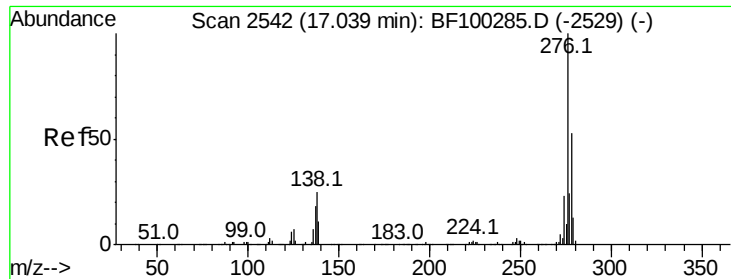
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#84
Di-n-octyl phthalate
Concen: 8.828 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	11.4	8.4	12.6	





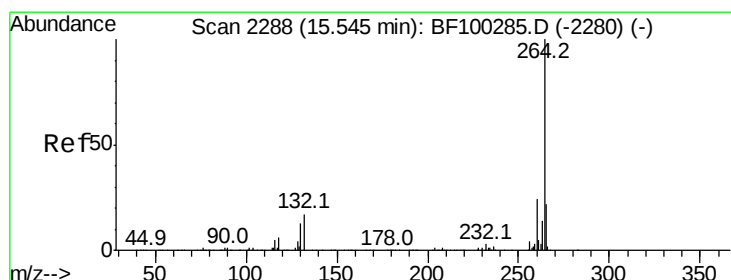
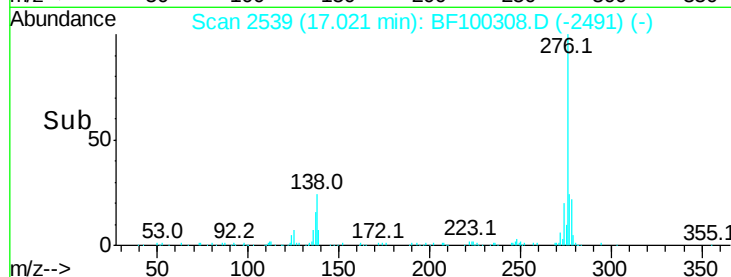
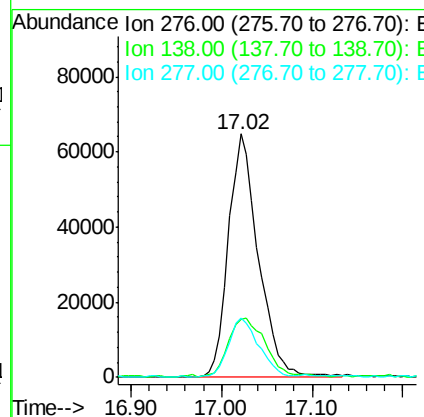
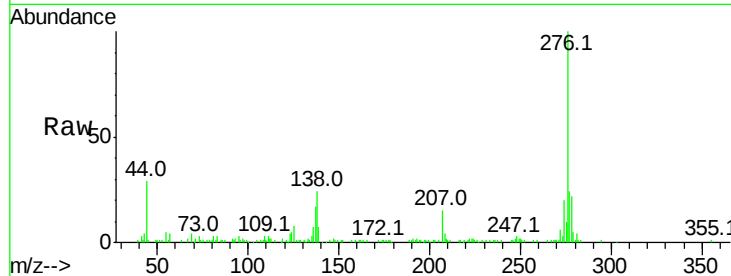
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.799 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	25.0	37.6
277	25.2	20.1	30.1

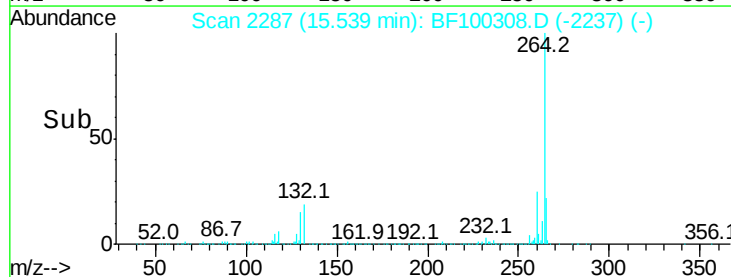
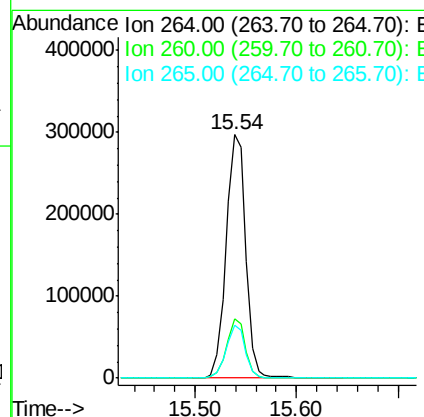
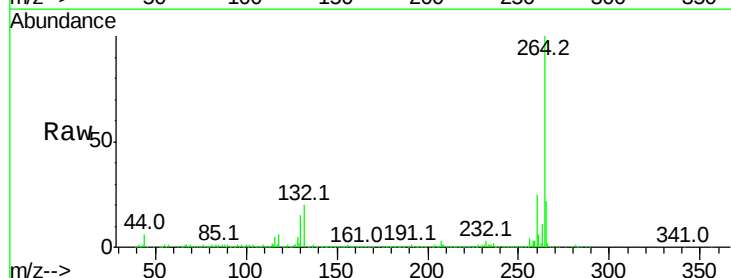
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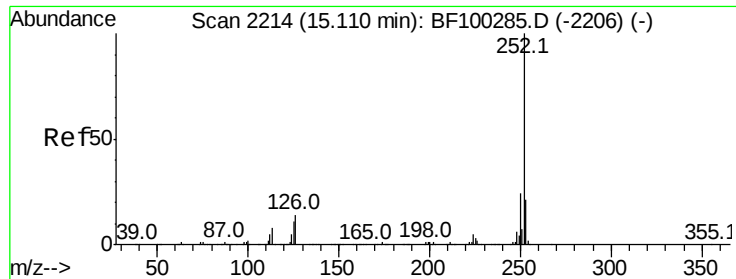
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.670 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Instrument :

BNA_F

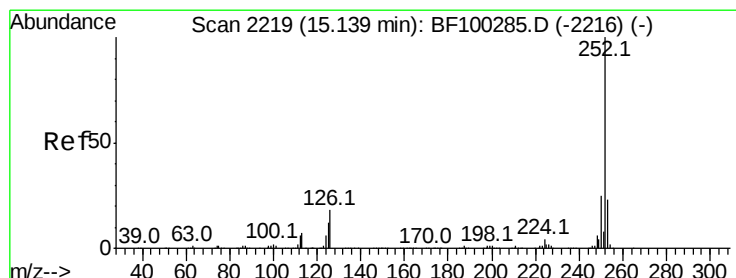
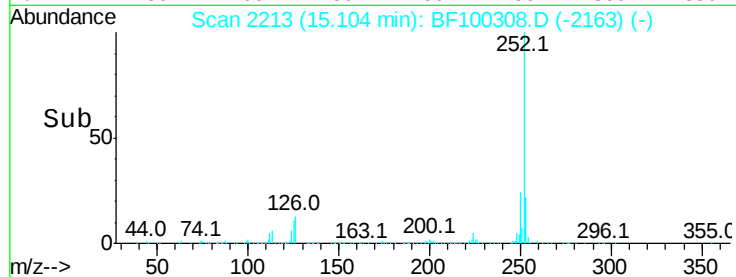
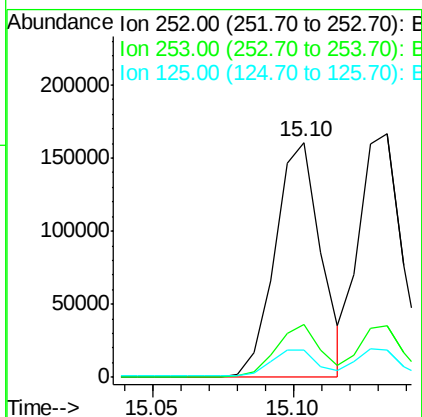
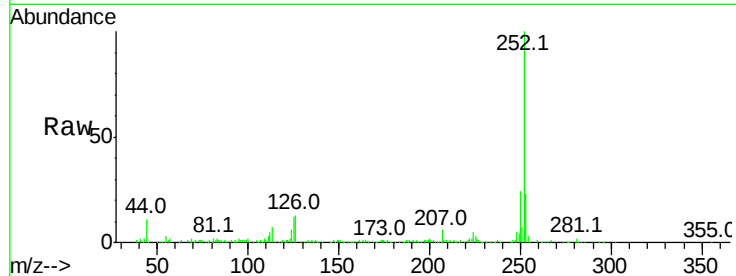
ClientSampleId :

POOL-5001-0001-01MSD

Tot Ion:252	Resp:	181233
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.0 25.6
125	11.8	9.0 13.6

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#88

Benzo(k)fluoranthene

Concen: 7.921 ng

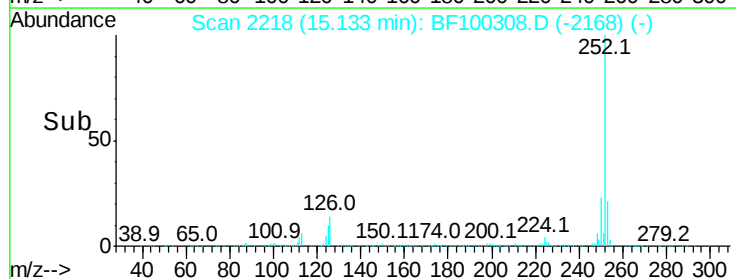
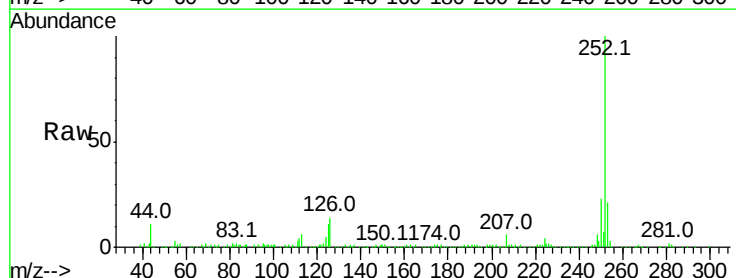
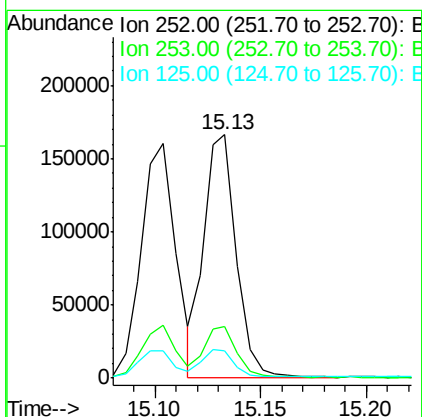
RT: 15.13 min Scan# 2218

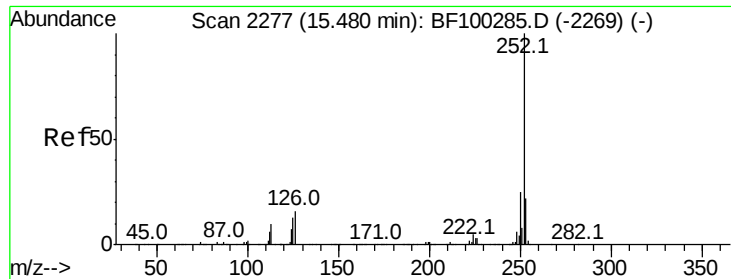
Delta R.T. -0.01 min

Lab File: BF100308.D

Acq: 8 Nov 2017 22:46

Tgt Ion:252	Resp:	176845
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.9 26.9
125	11.0	10.2 15.2





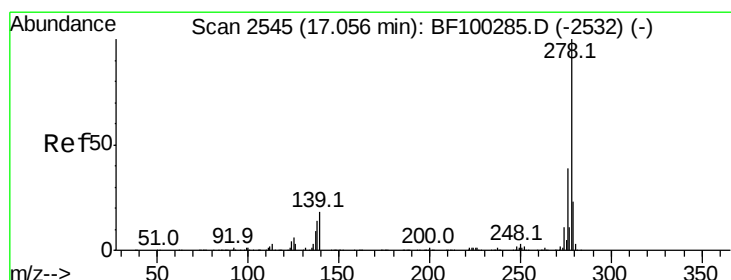
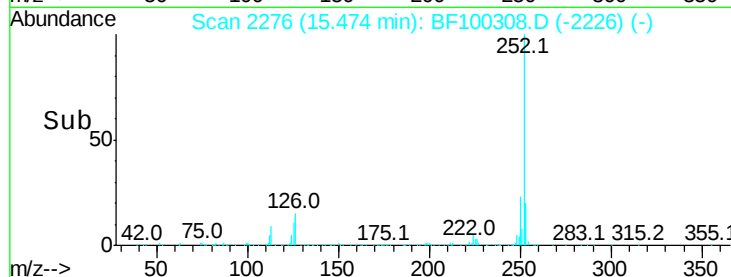
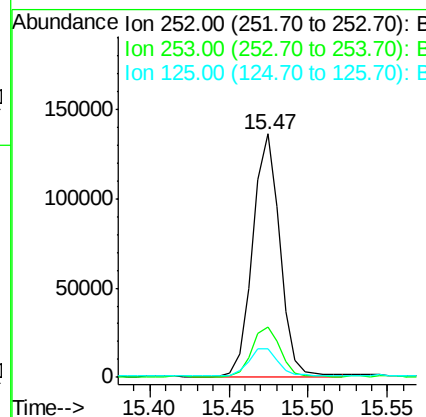
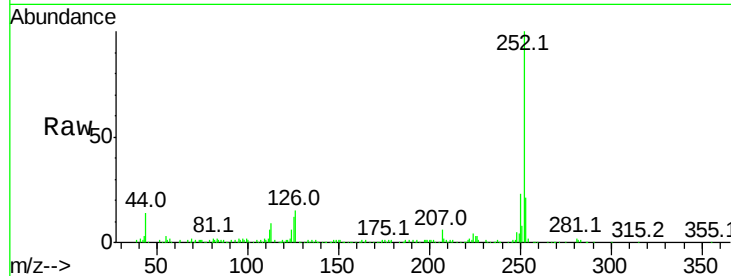
#89
Benzo(a)pyrene
Concen: 7.848 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Instrument :
BNA_F
ClientSampleId :
POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	11.6	9.8	14.6

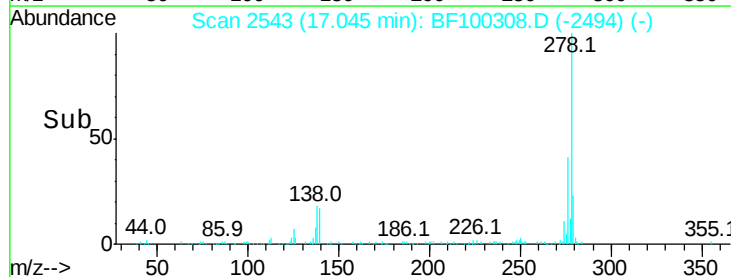
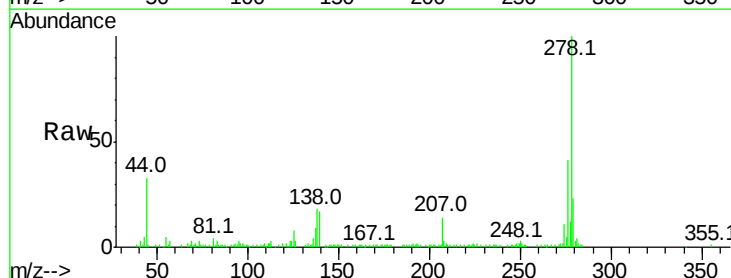
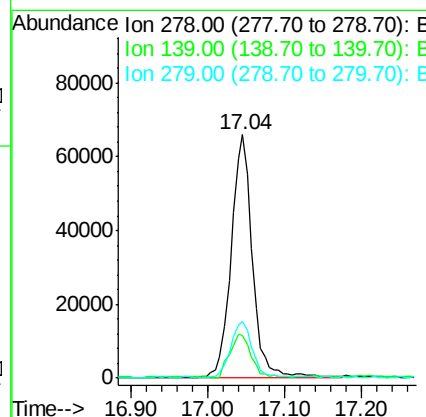
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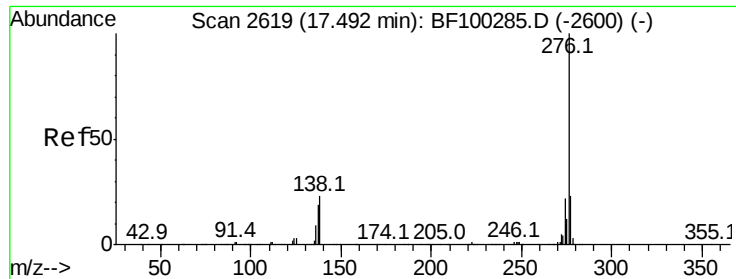
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 7.465 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF100308.D
Acq: 8 Nov 2017 22:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	15.9	23.9
279	23.2	19.0	28.4





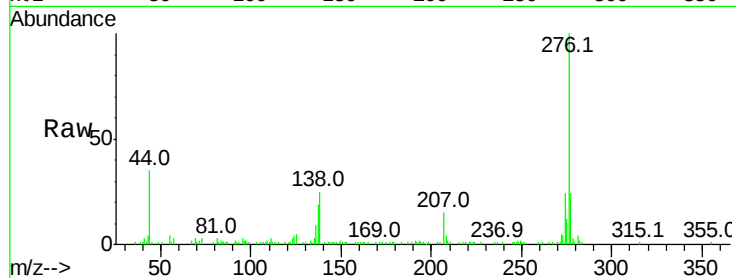
#91
 Benzo(a,h,i)perylene
 Concen: 7.133 ng
 RT: 17.47 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF100308.D
 Acq: 8 Nov 2017 22:46

Instrument :
 BNA_F
 ClientSampleId :
 POOL-5001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.9	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

