

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100627.D
 Acq On : 16 Nov 2017 13:43
 Operator : SJ/JU
 Sample : I6302-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Manual Integrations
 APPROVED

SOHIL
 11/17/2017 1:24:37 PM

Quant Time: Nov 16 15:02:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 11:34:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117483	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	469003	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	218245	20.00	ng	-0.02
63) Phenanthrene-d10	11.40	188	425943	20.00	ng	-0.02
75) Chrysene-d12	14.04	240	288286	20.00	ng	-0.02
86) Perylene-d12	15.51	264	236172	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	787047	107.39	ng	0.00
7) Phenol-d6	6.52	99	888318	98.29	ng	0.00
23) Nitrobenzene-d5	7.45	82	684172	96.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	296080	133.13	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1269743	88.59	ng	-0.02
78) Terphenyl-d14	12.99	244	1210785	96.50	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	112394	31.468	ng	95
3) Pyridine	3.55	79	260096	26.692	ng	96
4) n-Nitrosodimethylamine	3.50	42	153070	32.354	ng	98
6) Aniline	6.55	93	266248	20.853	ng	99
8) 2-Chlorophenol	6.67	128	314924	40.618	ng	95
9) Benzaldehyde	6.43	77	102937	15.949	ng	97
10) Phenol	6.53	94	329095	34.687	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	303548	38.090	ng	97
12) 1,3-Dichlorobenzene	6.83	146	356826	39.918	ng	97
13) 1,4-Dichlorobenzene	6.90	146	359391	39.723	ng	97
14) 1,2-Dichlorobenzene	7.06	146	336145	40.184	ng	97
15) Benzyl Alcohol	7.02	79	279321	39.601	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	558752	43.838	ng	98
17) 2-Methylphenol	7.13	107	269738	40.711	ng	99
18) Hexachloroethane	7.39	117	122745	41.147	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	226222	36.094	ng	95
20) 3+4-Methylphenols	7.29	107	316285	37.723	ng	# 80
22) Acetophenone	7.29	105	436487	38.166	ng	# 95
24) Nitrobenzene	7.47	77	343517	47.048	ng	96
25) Isophorone	7.70	82	633859	42.520	ng	100
26) 2-Nitrophenol	7.78	139	183037	52.855	ng	94
27) 2,4-Dimethylphenol	7.82	122	306460	45.859	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	407412	41.781	ng	99
29) 2,4-Dichlorophenol	8.02	162	286933	44.977	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	297296	43.082	ng	97
31) Naphthalene	8.19	128	968955	42.894	ng	99
32) Benzoic acid	7.87	122	22781	12.953	ng	97
33) 4-Chloroaniline	8.23	127	148487	15.792	ng	99
34) Hexachlorobutadiene	8.30	225	170808	41.630	ng	100
35) Caprolactam	8.60	113	64897m	29.642	ng	
36) 4-Chloro-3-methylphenol	8.71	107	291115	42.488	ng	97
37) 2-Methylnaphthalene	8.87	142	655306	43.695	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	296100	40.909	ng	97
40) Hexachlorocyclopentadiene	9.03	237	272216	79.908	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	214937	46.854	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	225951	47.540	nq	94
45) 1,1'-Biphenyl	9.34	154	773505	40.978	nq	99
46) 2-Chloronaphthalene	9.37	162	605542	44.220	nq	96
47) 2-Nitroaniline	9.46	65	188215	46.601	nq	98
48) Acenaphthylene	9.79	152	938420	41.351	nq	99
49) Dimethylphthalate	9.65	163	713127	42.796	nq	99
50) 2,6-Dinitrotoluene	9.70	165	162047	49.129	nq	95
51) Acenaphthene	9.96	154	565848	40.998	nq	99
52) 3-Nitroaniline	9.87	138	112668	28.927	nq	96
53) 2,4-Dinitrophenol	9.97	184	27698	30.633	nq #	13
54) Dibenzofuran	10.13	168	823841	42.588	nq	98
55) 4-Nitrophenol	10.03	139	230006	72.726	nq	89
56) 2,4-Dinitrotoluene	10.11	165	216676	52.072	nq #	87
57) Fluorene	10.47	166	634944	44.806	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179005	45.954	nq #	87
59) Diethylphthalate	10.34	149	690546	41.411	nq	98
60) 4-Chlorophenyl-phenylether	10.46	204	301998	43.442	nq	93
61) 4-Nitroaniline	10.49	138	169822	45.982	nq	88
62) Azobenzene	10.62	77	641314	40.834	nq	94
64) 4,6-Dinitro-2-methylphenol	10.52	198	39399	23.619	nq #	71
65) n-Nitrosodiphenylamine	10.58	169	604847	40.839	nq	97
66) 4-Bromophenyl-phenylether	10.95	248	200052	43.813	nq #	84
67) Hexachlorobenzene	11.02	284	212153	44.425	nq #	87
68) Atrazine	11.10	200	189521	42.274	nq	97
69) Pentachlorophenol	11.21	266	182248	53.221	nq	99
70) Phenanthrene	11.43	178	975062	43.478	nq	99
71) Anthracene	11.49	178	979091	43.032	nq	99
72) Carbazole	11.64	167	879605	41.898	nq	99
73) Di-n-butylphthalate	11.96	149	1091973	44.447	nq	99
74) Fluoranthene	12.62	202	992381	41.753	nq	95
76) Benzidine	12.74	184	861561	74.625	nq	98
77) Pyrene	12.85	202	1007087	49.006	nq	100
79) Butylbenzylphthalate	13.46	149	429537	51.253	nq	97
80) Benzo(a)anthracene	14.03	228	761134	43.843	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	144097	23.167	nq #	98
82) Chrysene	14.07	228	716270	42.607	nq	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	570095	51.721	nq	99
84) Di-n-octyl phthalate	14.63	149	830199	43.843	nq	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	706259	51.939	nq	95
87) Benzo(b)fluoranthene	15.08	252	610816	43.655	nq	99
88) Benzo(k)fluoranthene	15.12	252	548604m	41.497	nq	
89) Benzo(a)pyrene	15.45	252	558688	45.040	nq	100
90) Dibenzo(a,h)anthracene	17.02	278	577544	56.932	nq	96
91) Benzo(g,h,i)perylene	17.46	276	625908	63.030	nq	95

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

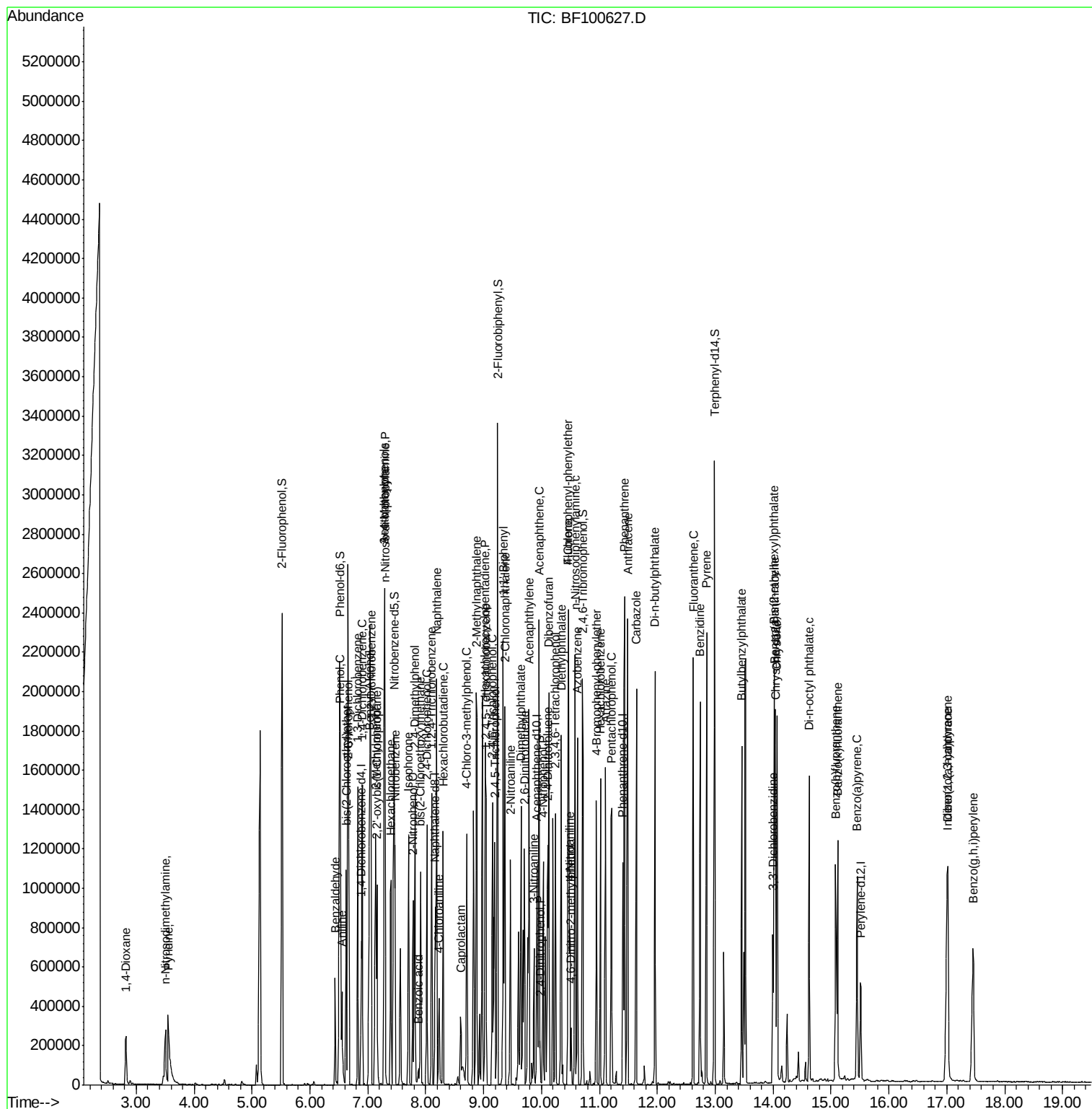
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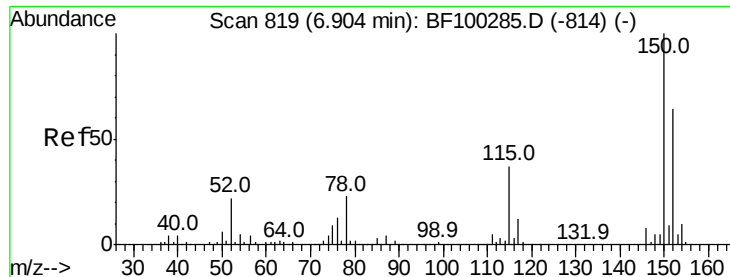
Instrument :
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Manual Integrations APPROVED

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#1

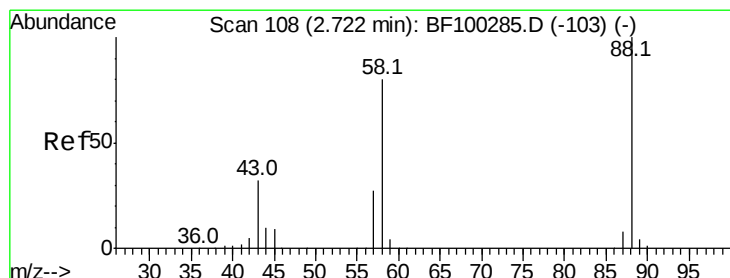
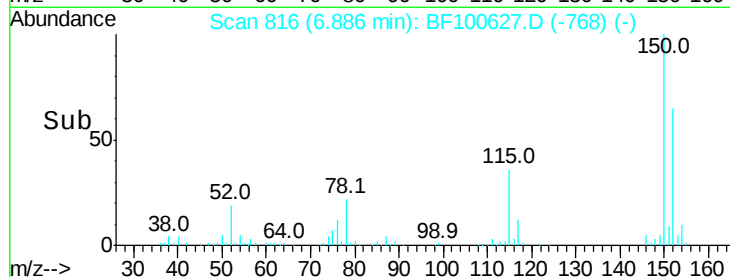
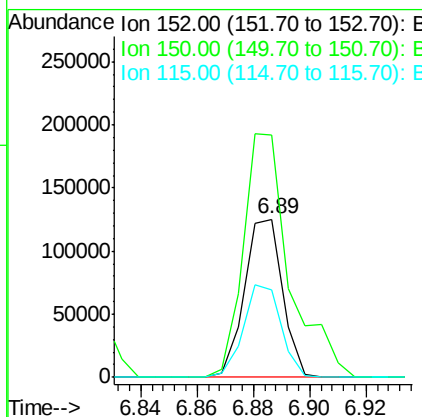
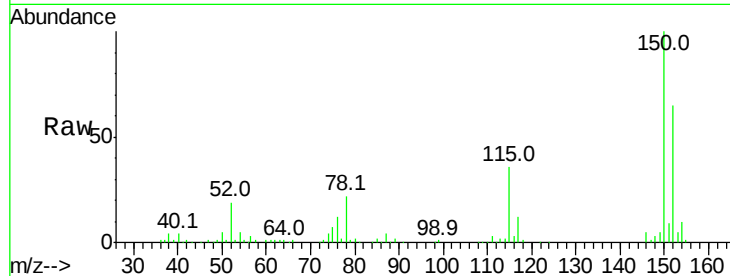
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	186.8
115	55.3	50.1	75.1

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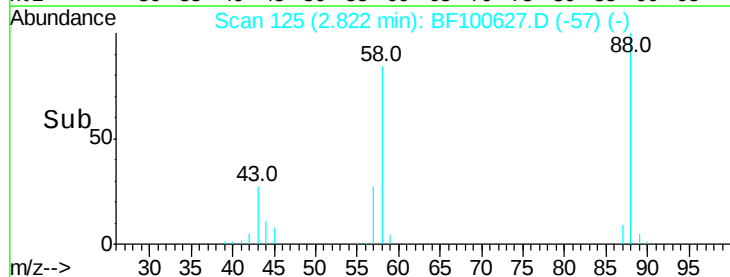
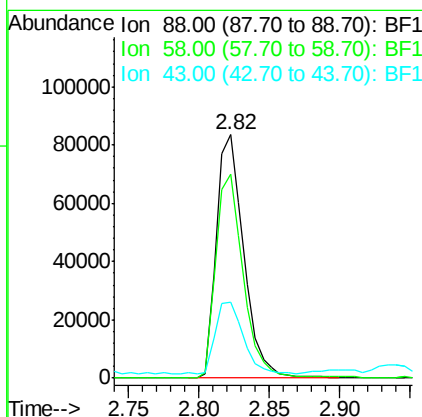
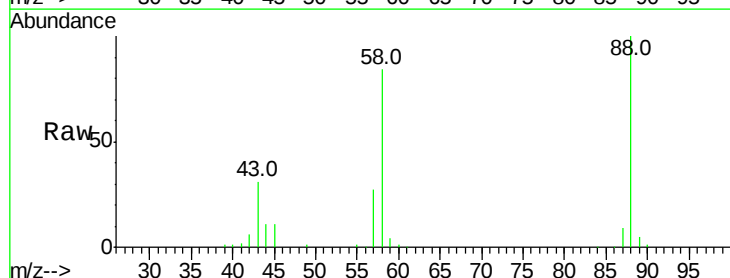
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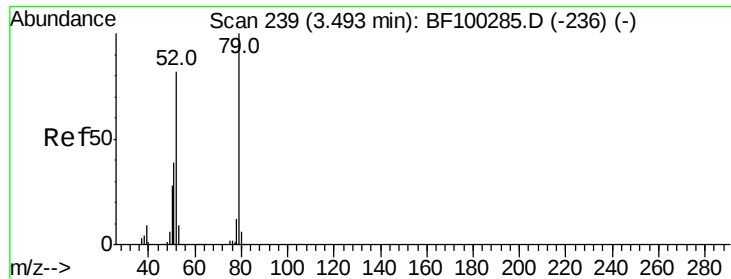


#2

1,4-Dioxane
Concen: 31.468 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.10 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	62.6	93.8
43	30.7	24.6	37.0





#3

Pvridine

Concen: 26.692 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.06 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

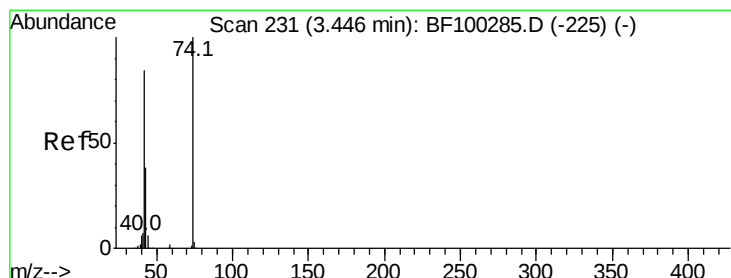
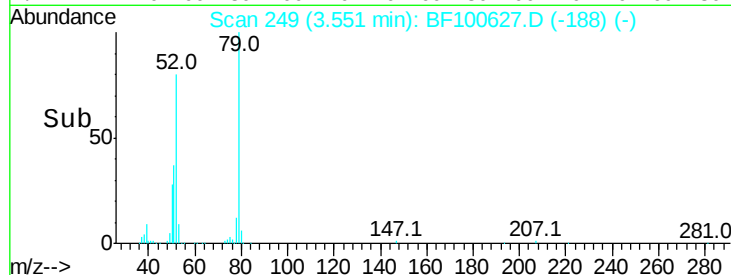
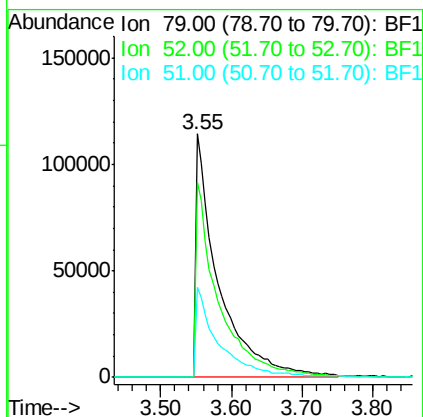
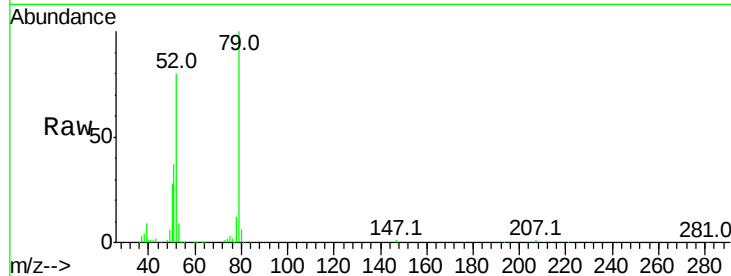
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	79	Resp:	260096
Ion Ratio	Lower	Upper	
79	100		
52	79.9	59.8	89.6
51	37.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 32.354 ng

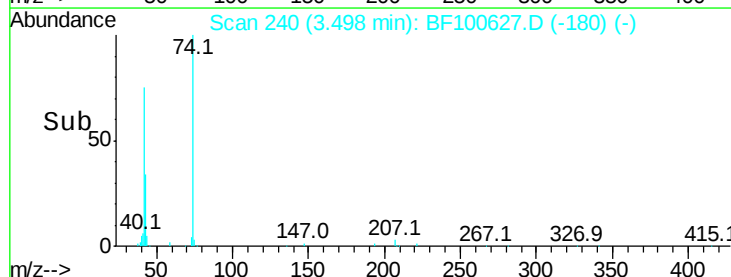
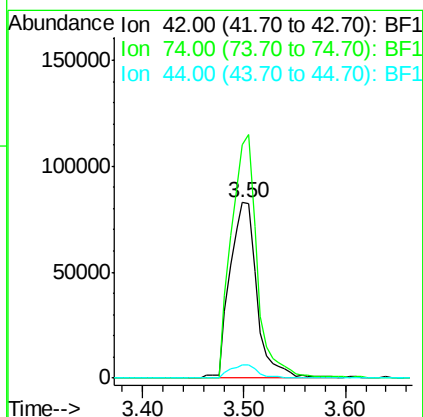
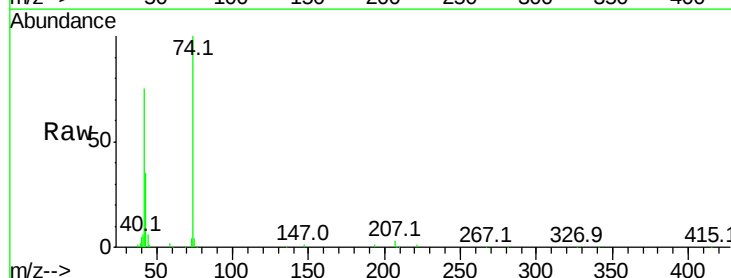
RT: 3.50 min Scan# 240

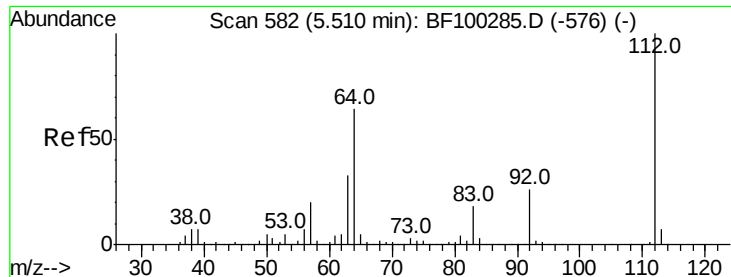
Delta R.T. 0.05 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	42	Resp:	153070
Ion Ratio	Lower	Upper	
42	100		
74	132.9	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 107.388 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

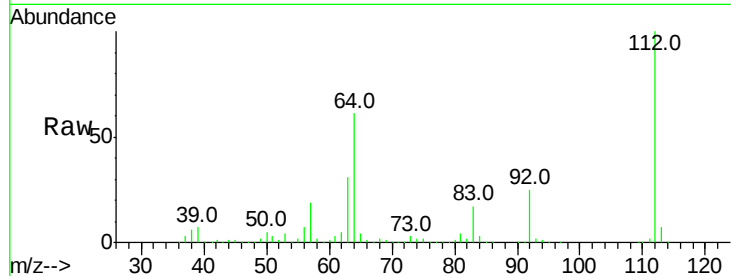
ClientSampleId :

HR-04-111317-AMS

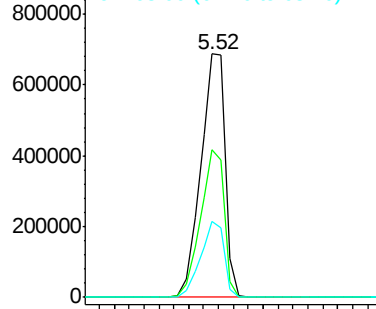
Tot Ion:	112	Resp:	787047
Ion Ratio	Lower	Upper	
112	100		
64	60.6	47.9	71.9
63	31.4	23.7	35.5

Manual Integrations
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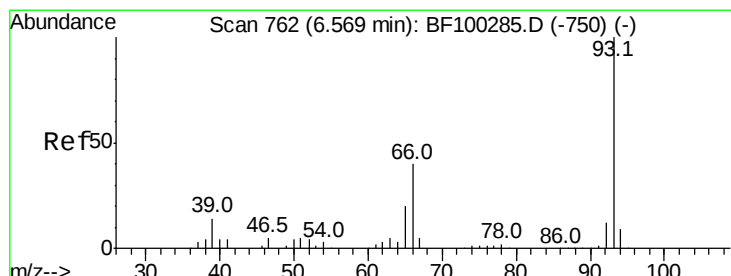
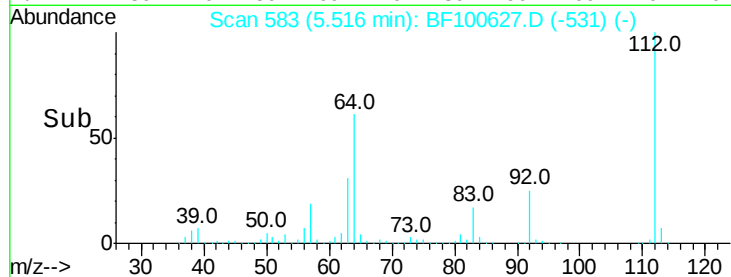
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->



#6

Aniline

Concen: 20.853 ng

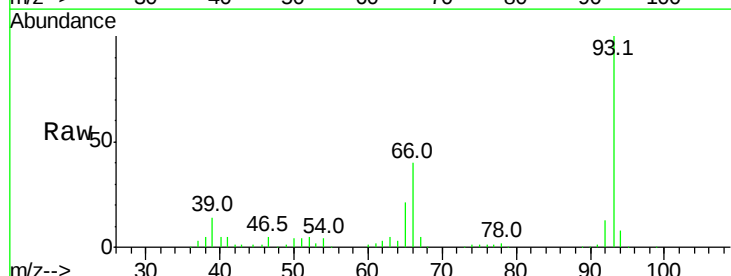
RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

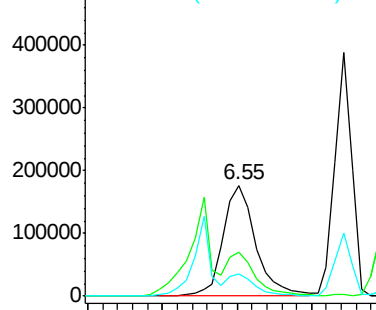
Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

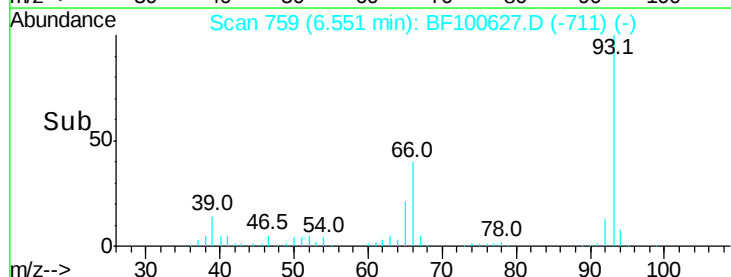
Tgt Ion:	93	Resp:	266248
Ion Ratio	Lower	Upper	
93	100		
66	39.6	32.2	48.2
65	20.5	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



Time-->





#7

Phenol-d6

Concen: 98.291 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

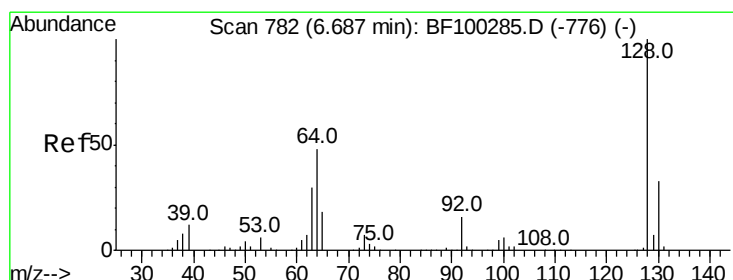
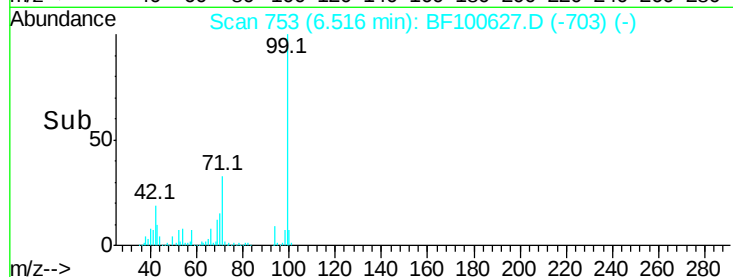
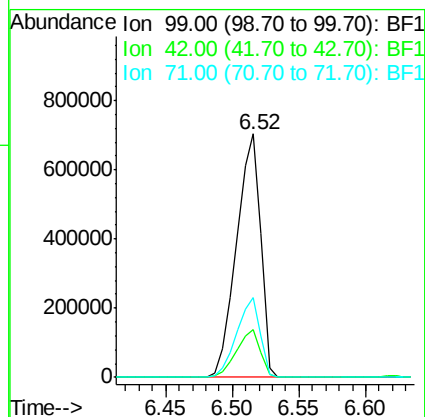
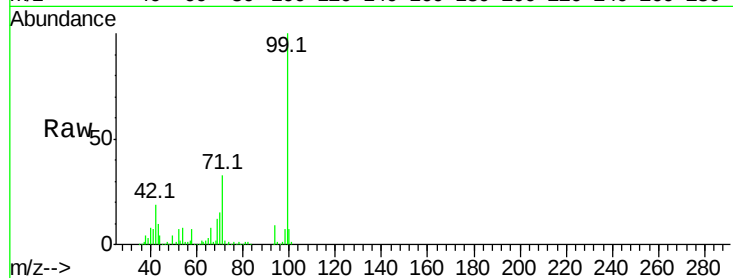
ClientSampleId :

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Tot Ion:	99	Resp:	888318
Ion Ratio	Lower	Upper	
99	100		
42	19.4	14.5	21.7
71	32.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.618 ng

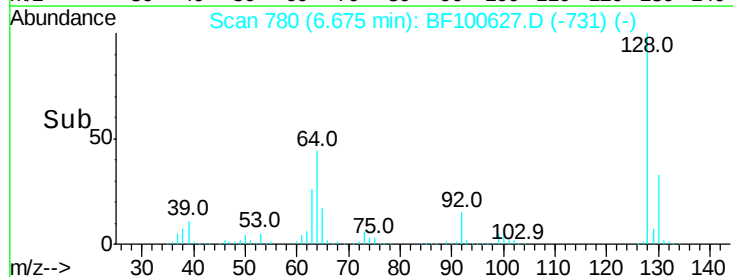
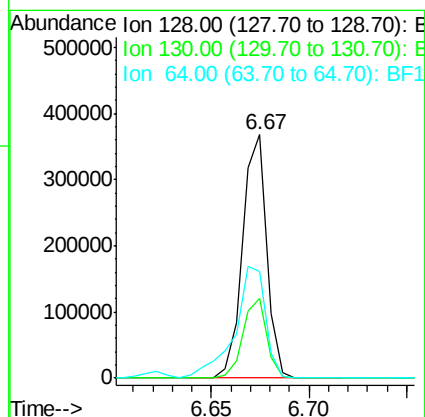
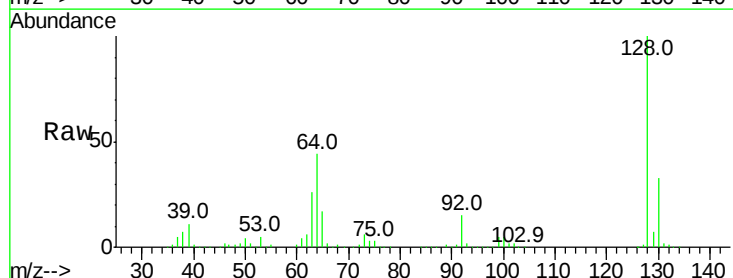
RT: 6.67 min Scan# 780

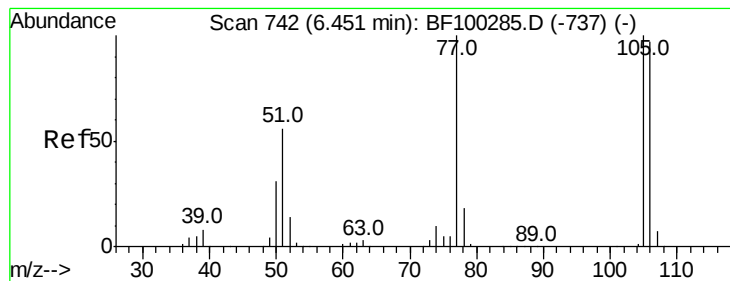
Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	128	Resp:	314924
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	44.0	29.4	69.4





#9

Benzaldehyde

Concen: 15.949 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

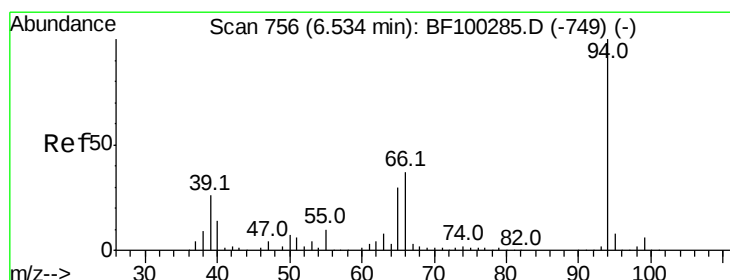
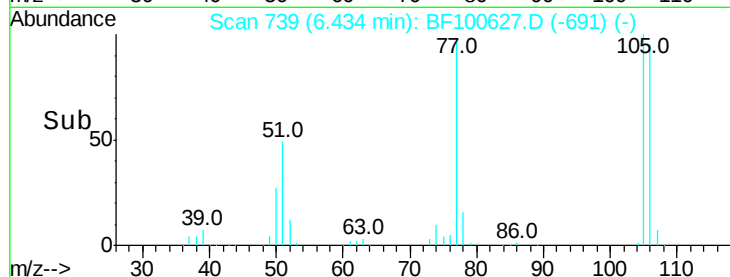
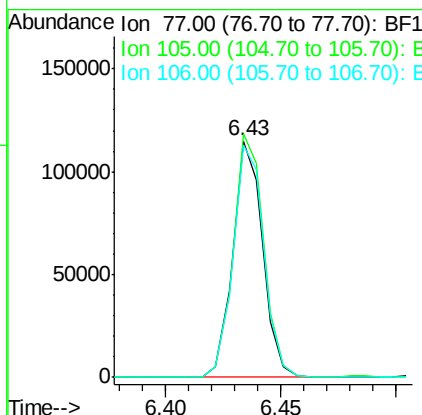
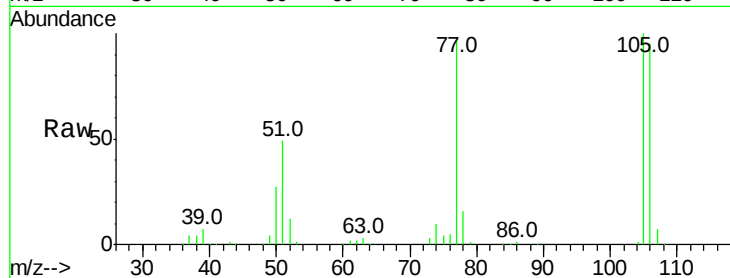
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Tot Ion:	77	Resp:	102937
Ion	Ratio	Lower	Upper
77	100		
105	102.9	81.1	121.1
106	97.9	74.5	114.5

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#10

Phenol

Concen: 34.687 ng

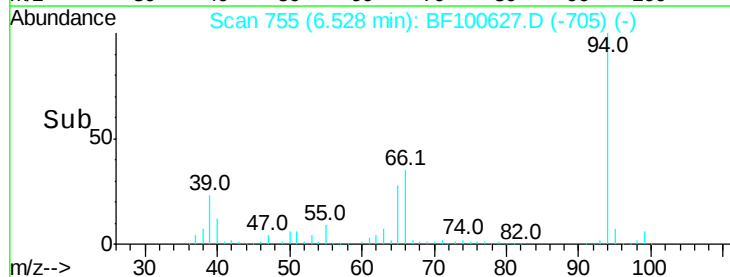
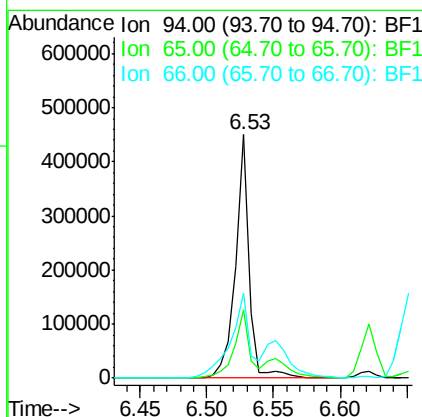
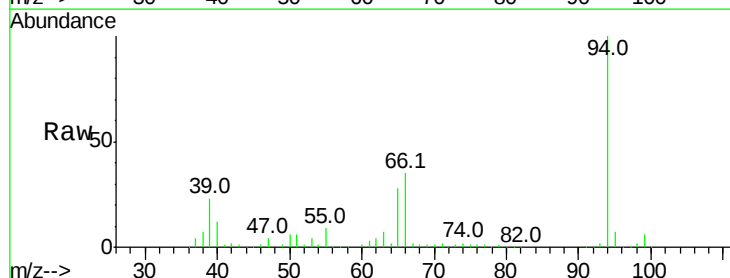
RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	94	Resp:	329095
Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	35.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.090 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

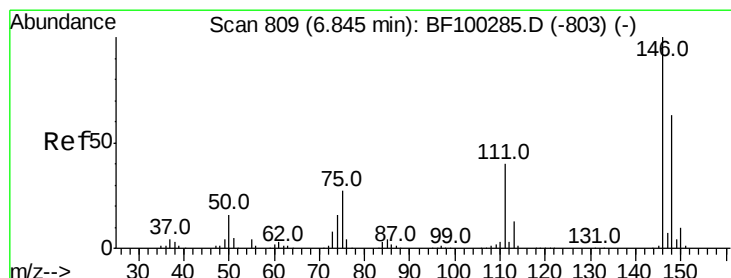
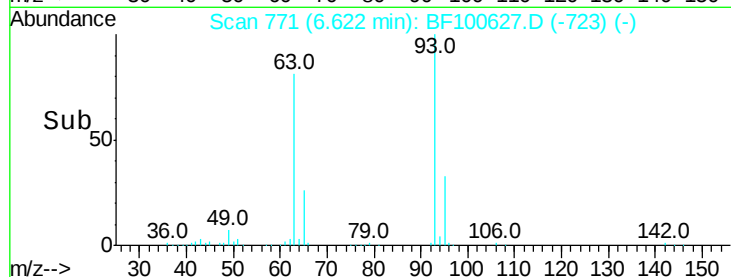
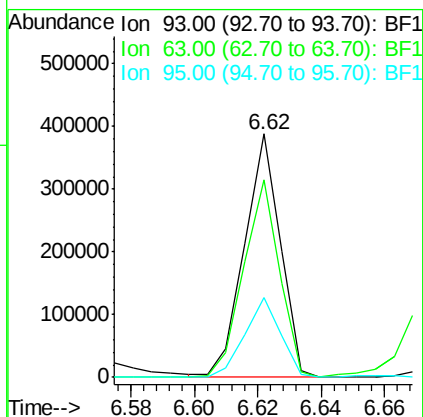
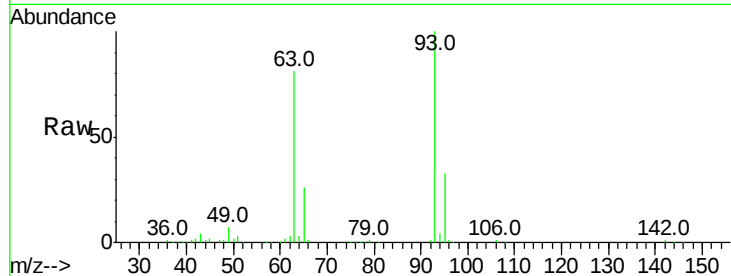
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	93	Resp:	303548
Ion Ratio	Lower	Upper	
93	100		
63	81.1	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.918 ng

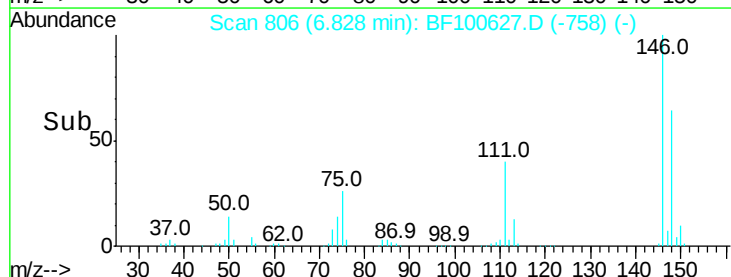
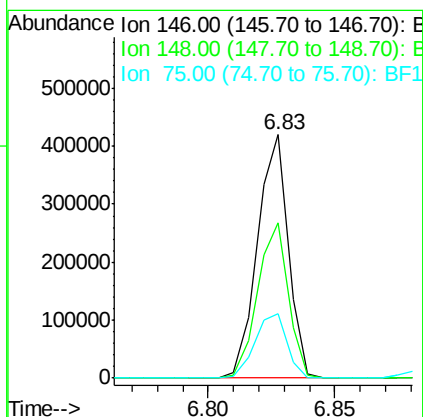
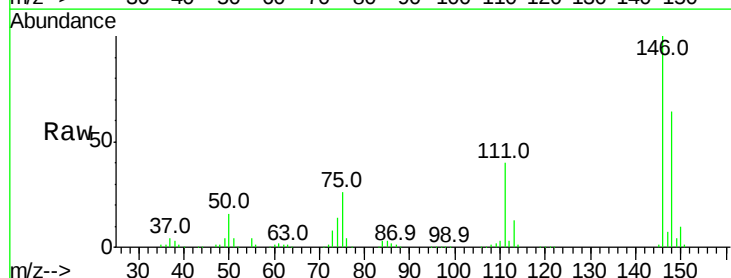
RT: 6.83 min Scan# 806

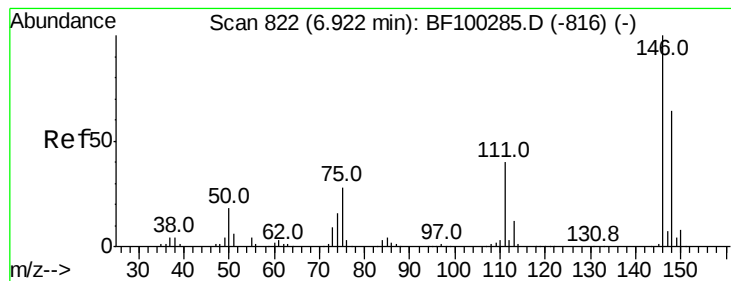
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	146	Resp:	356826
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.8
75	26.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.723 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

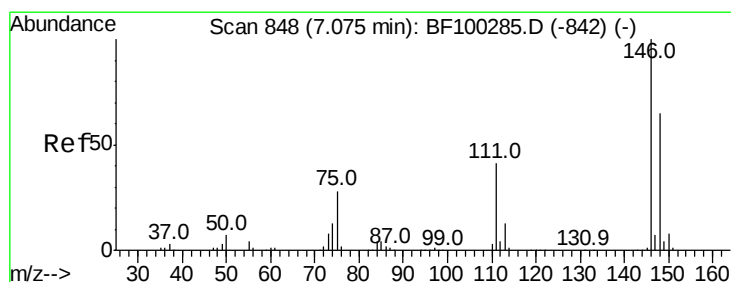
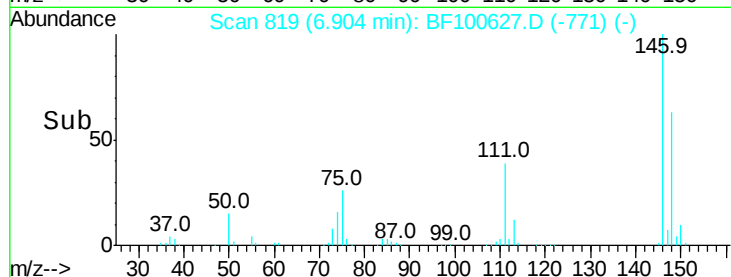
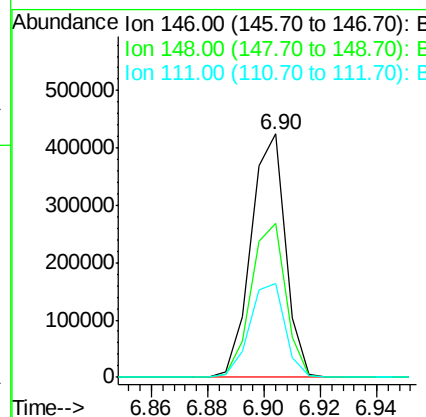
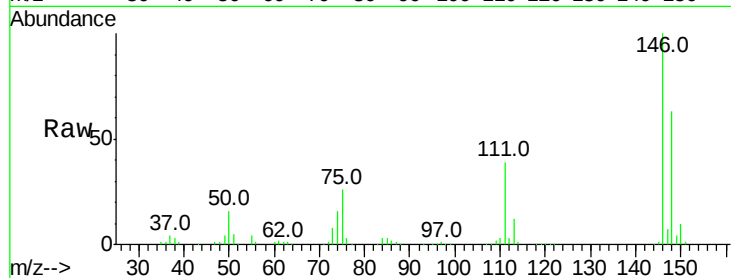
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	146	Resp:	359391
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.8	76.2
111	38.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.184 ng

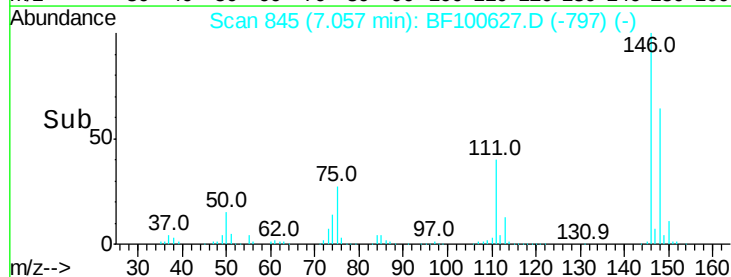
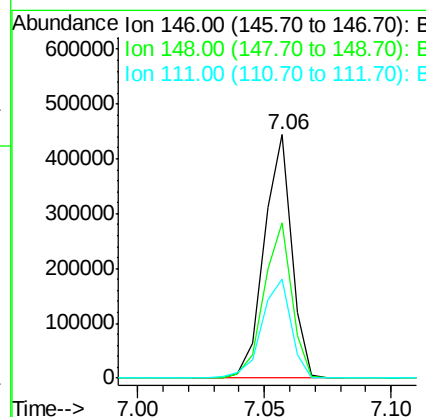
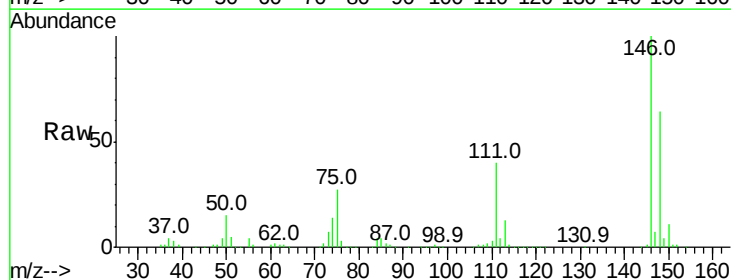
RT: 7.06 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	146	Resp:	336145
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	40.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.601 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

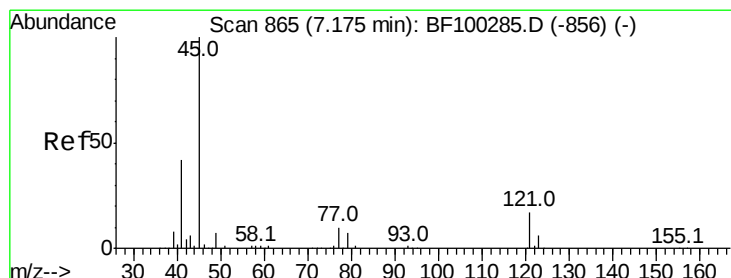
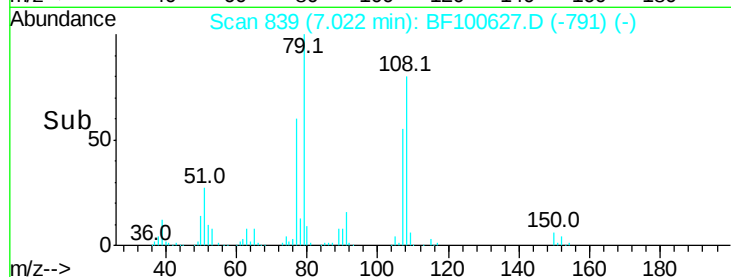
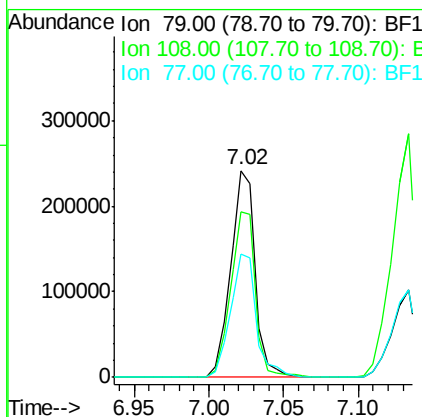
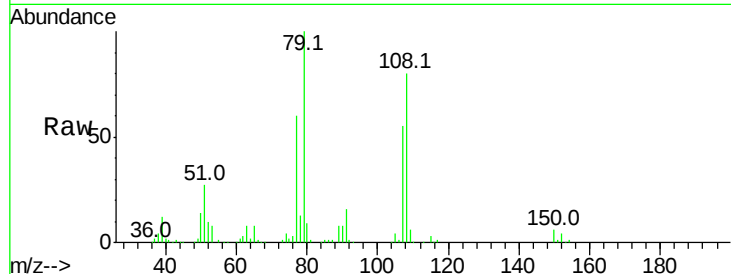
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	79	Resp:	279321
Ion Ratio	Lower	Upper	
79	100		
108	80.0	65.1	97.7
77	59.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.838 ng

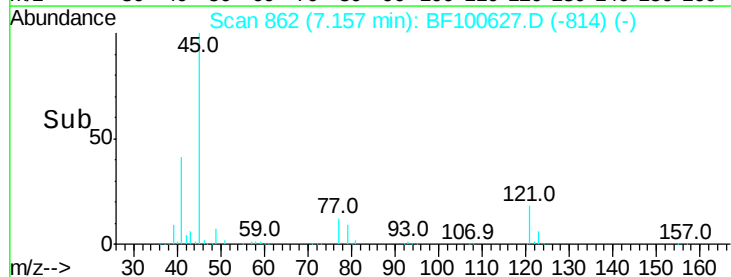
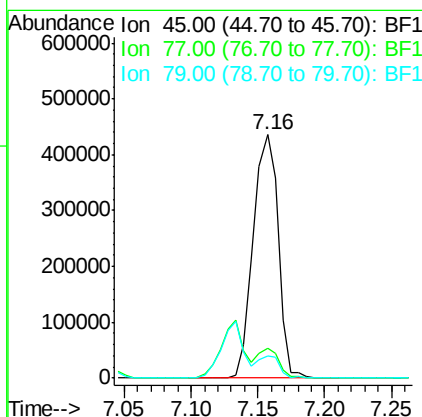
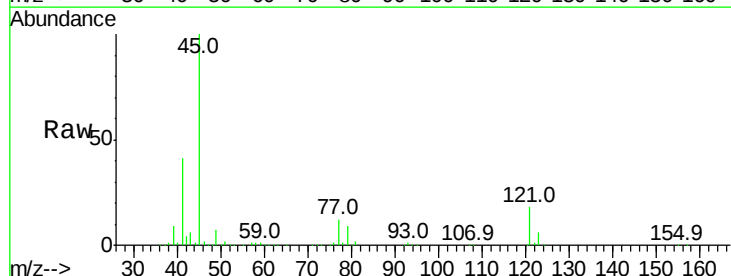
RT: 7.16 min Scan# 862

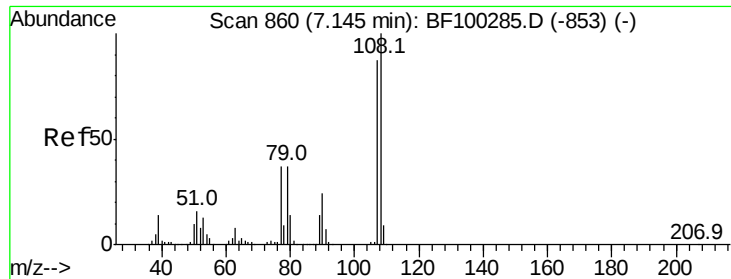
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	45	Resp:	558752
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.9
79	9.1	0.0	29.6





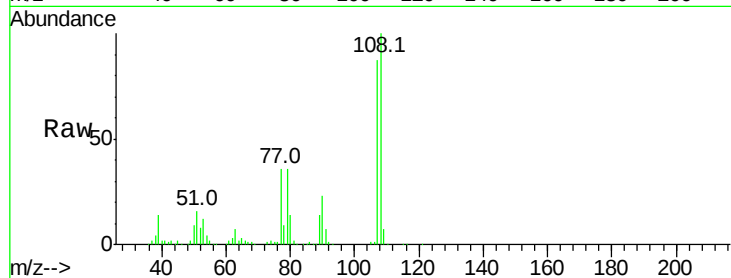
#17
2-Methylphenol
Concen: 40.711 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

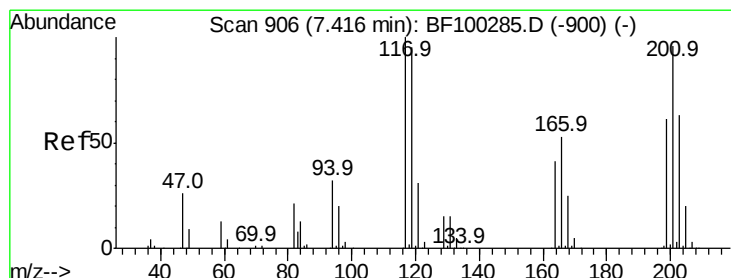
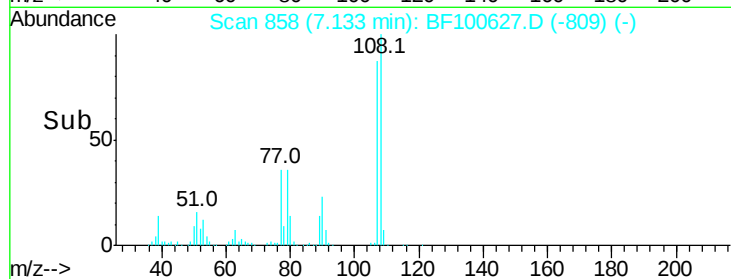
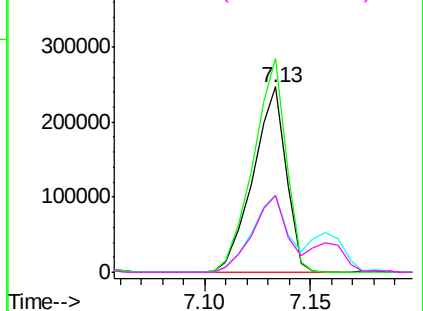
Tot Ion	107	Resp	269738
Ion Ratio	Lower	Upper	
107	100		
108	115.3	91.7	137.5
77	41.6	33.8	50.8
79	41.3	33.8	50.8

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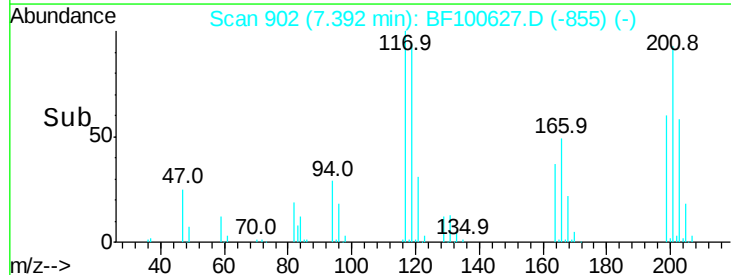
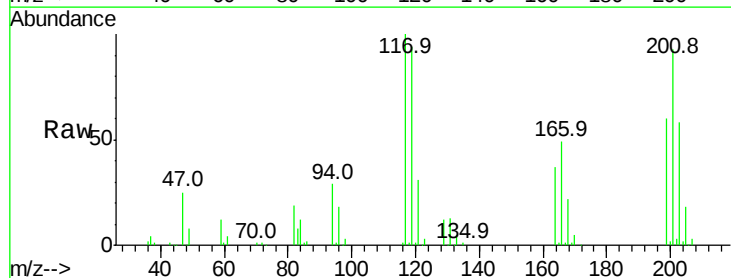
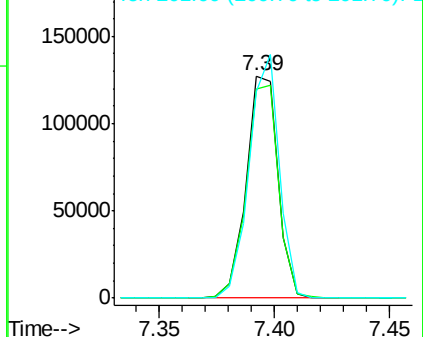
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

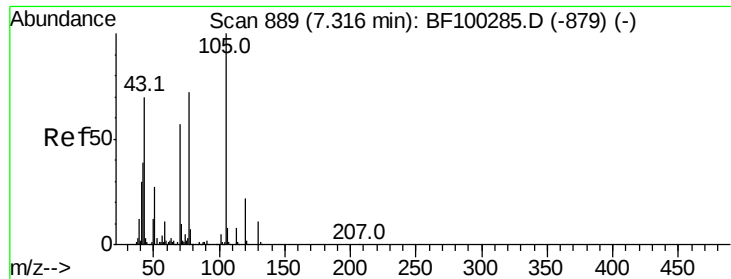


#18
Hexachloroethane
Concen: 41.147 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	117	Resp	122745
Ion Ratio	Lower	Upper	
117	100		
119	94.2	75.8	113.8
201	92.7	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





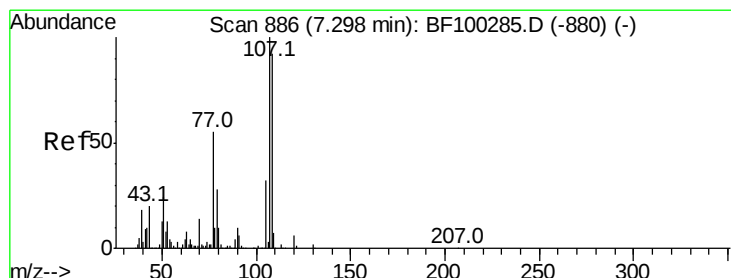
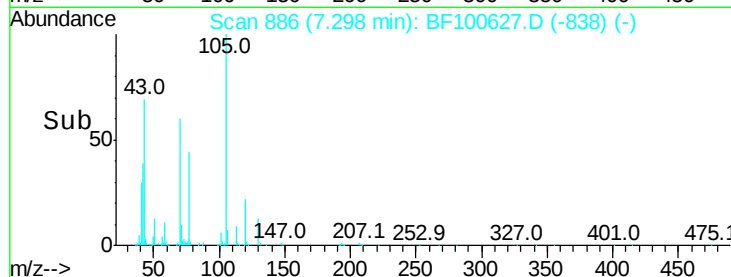
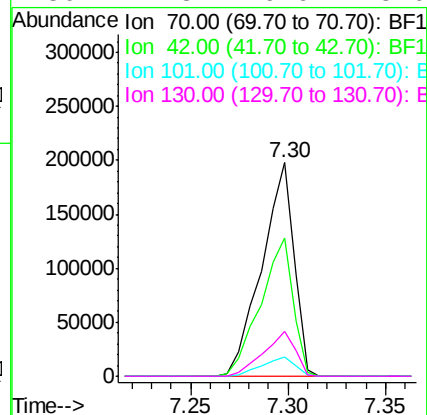
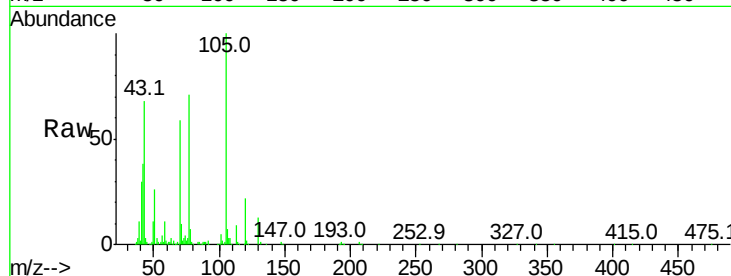
#19
n-Nitroso-di-n-propylamine
Concen: 36.094 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.8	47.5	71.3
101	9.2	7.4	11.2
130	21.3	16.6	25.0

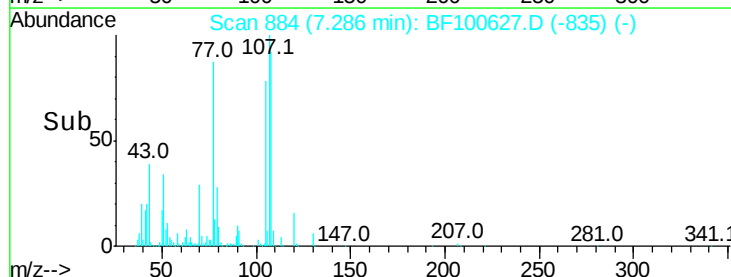
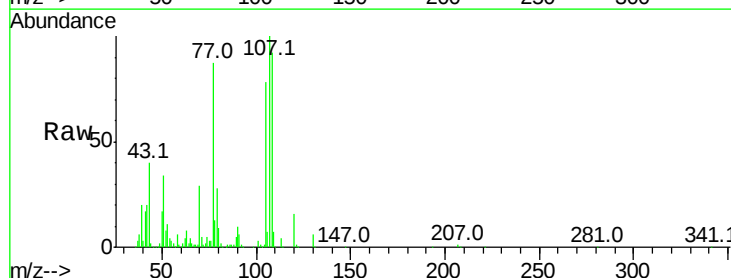
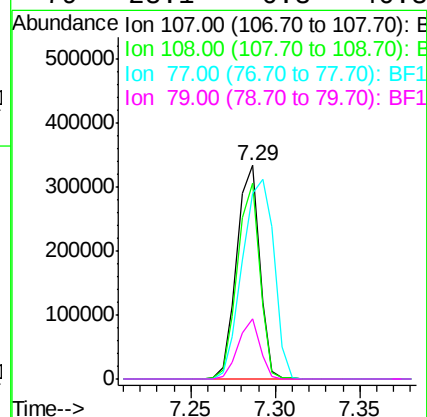
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#20
3+4-Methylphenols
Concen: 37.723 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	86.9	26.7	66.7#
79	28.1	6.3	46.3





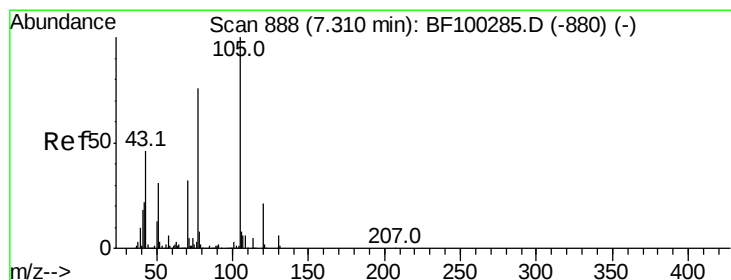
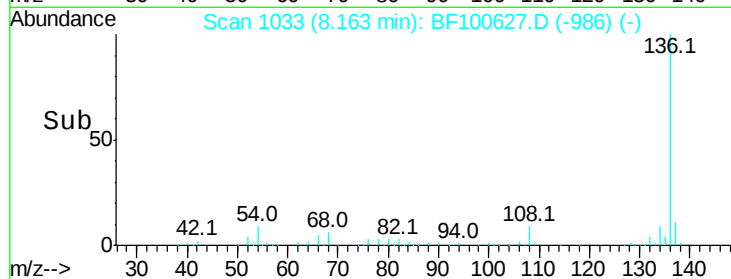
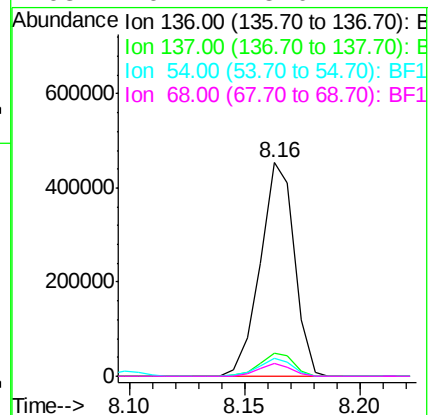
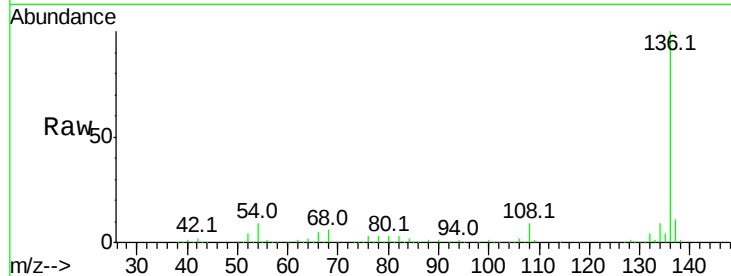
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

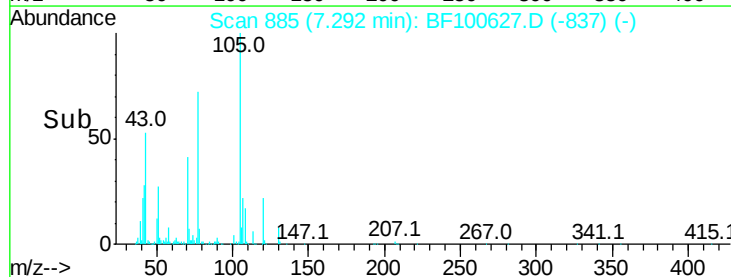
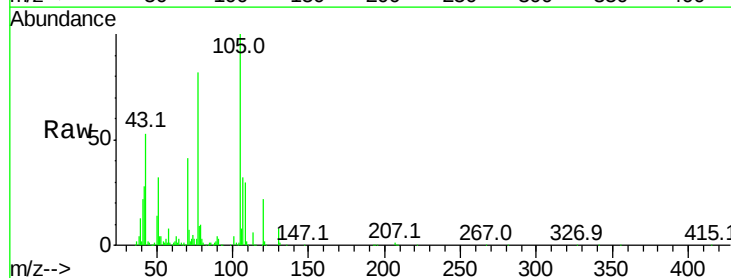
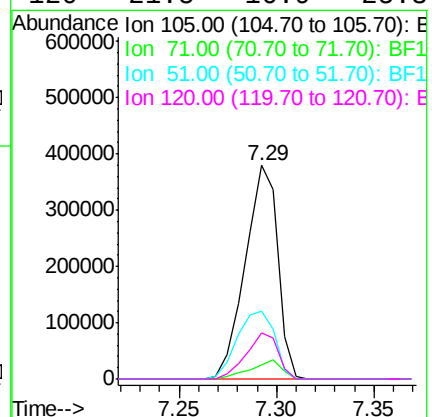
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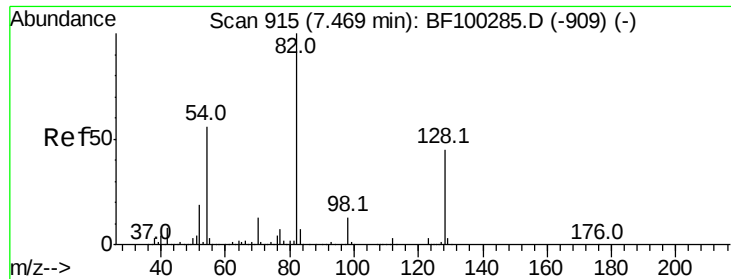
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#22
Acetophenone
Concen: 38.166 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.8	4.4	6.6#
51	31.9	22.3	33.5
120	21.5	16.9	25.3





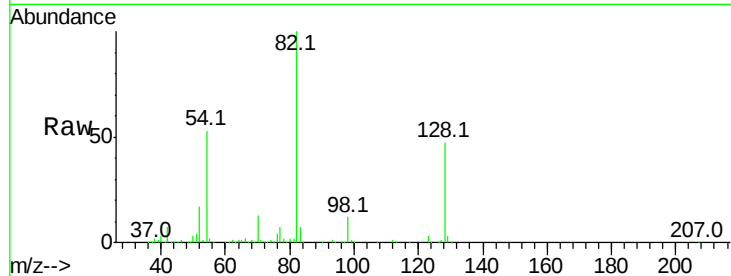
#23
Nitrobenzene-d5
Concen: 96.445 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

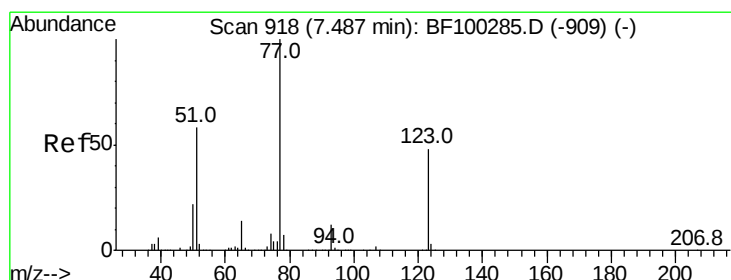
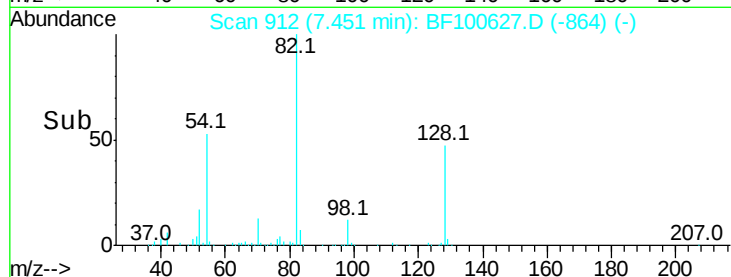
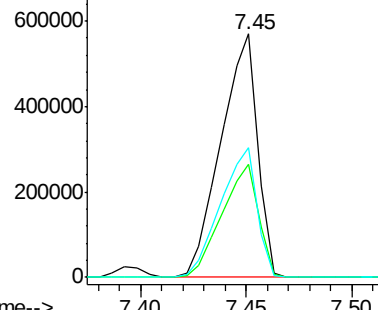
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	53.2	41.4	62.2

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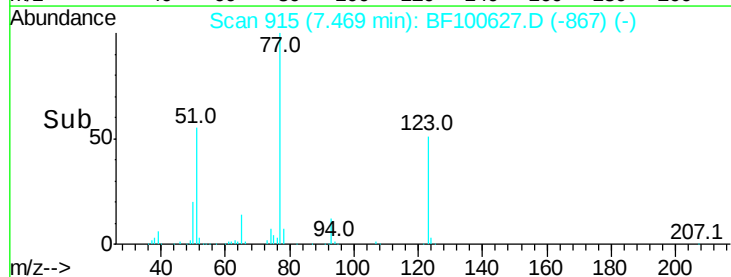
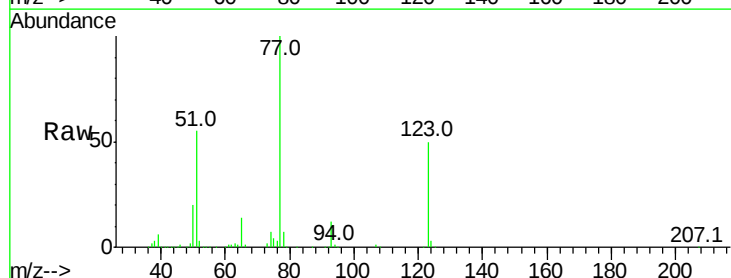
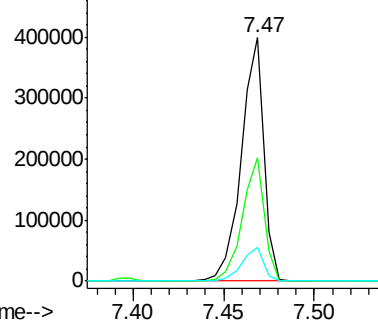
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

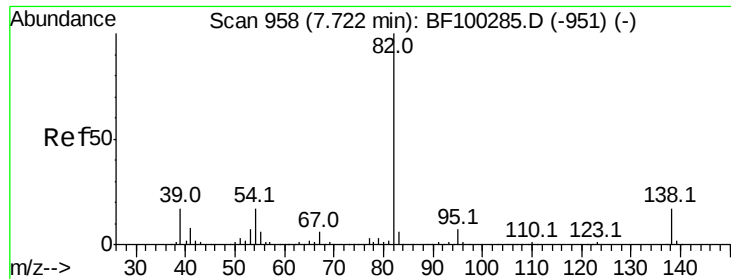


#24
Nitrobenzene
Concen: 47.048 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	37.9	56.9
65	13.6	11.0	16.4

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





#25

Isophorone

Concen: 42.520 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

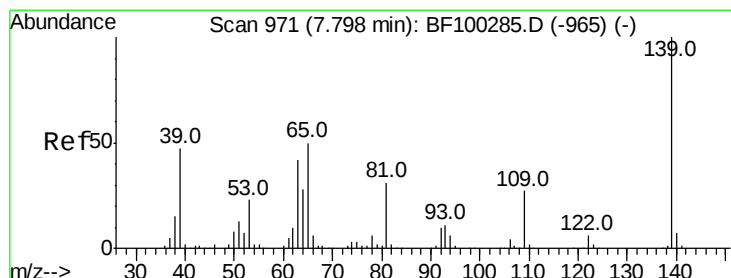
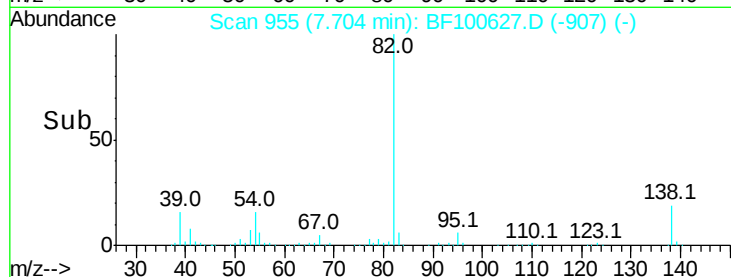
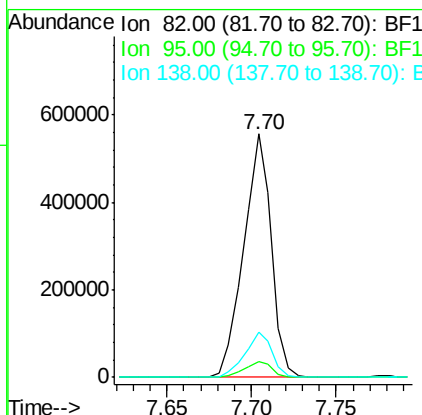
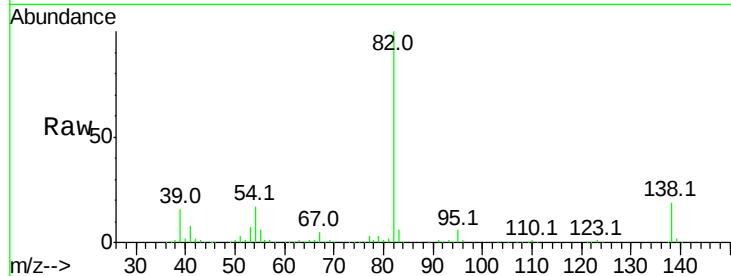
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	82	Resp:	633859
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.855 ng

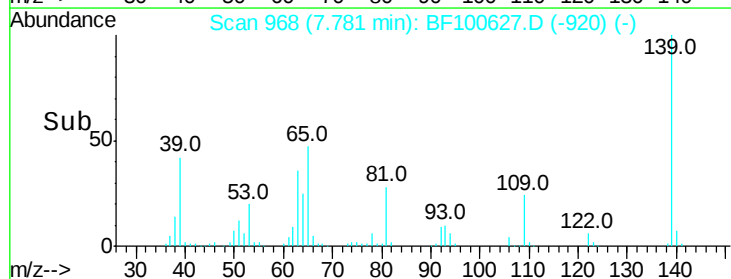
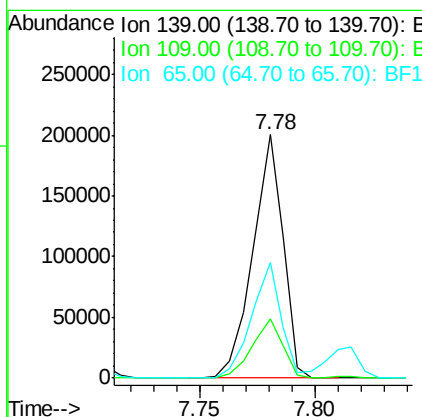
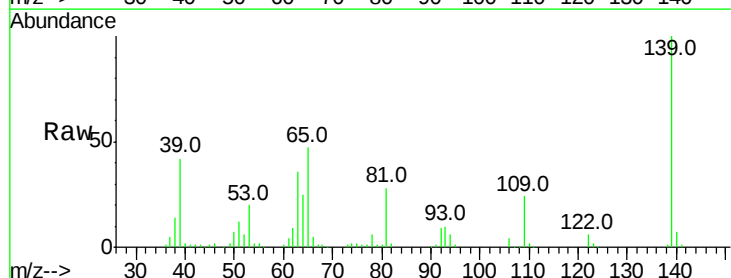
RT: 7.78 min Scan# 968

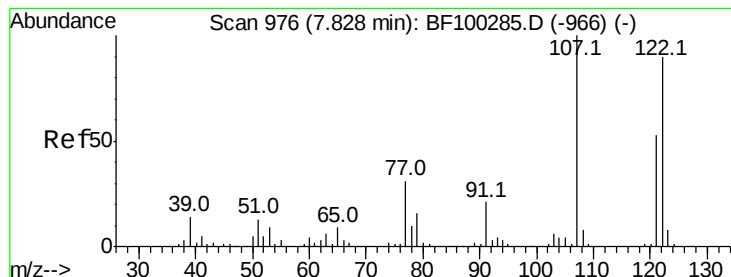
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	139	Resp:	183037
Ion Ratio	Lower	Upper	
139	100		
109	24.3	22.7	34.1
65	47.3	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 45.859 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

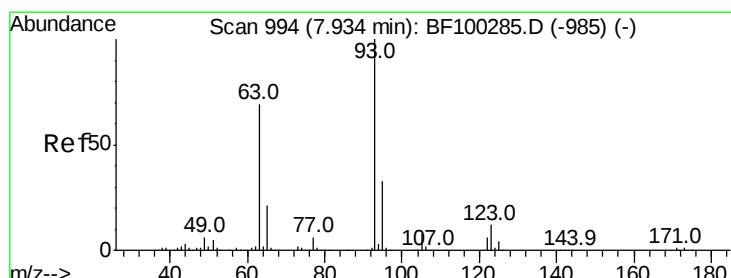
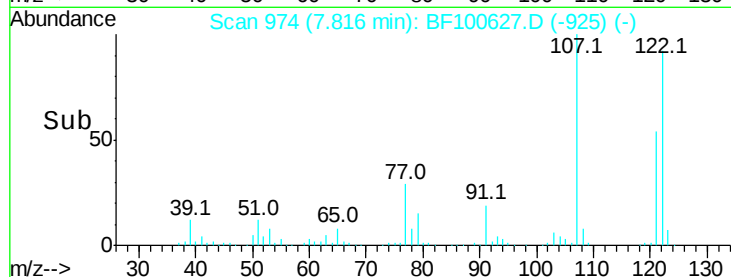
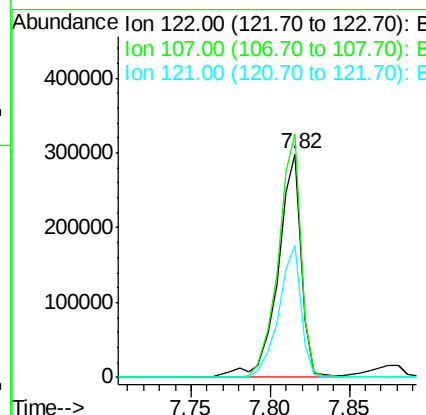
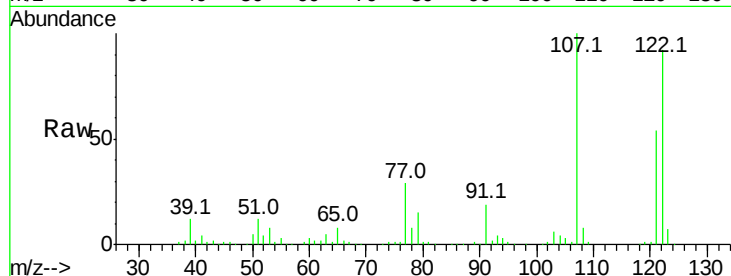
ClientSampleId :

HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	91.2	136.8
121	59.1	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 41.781 ng

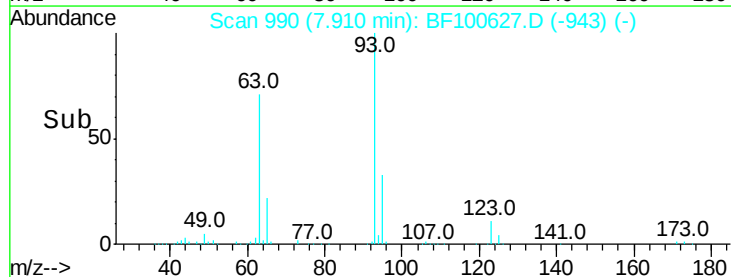
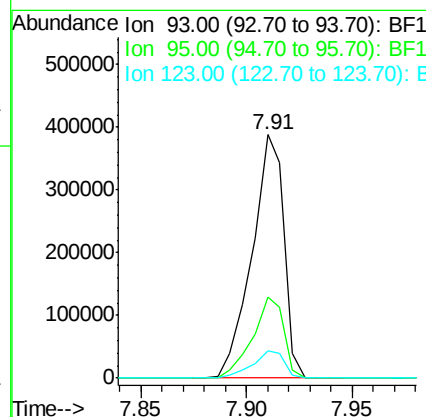
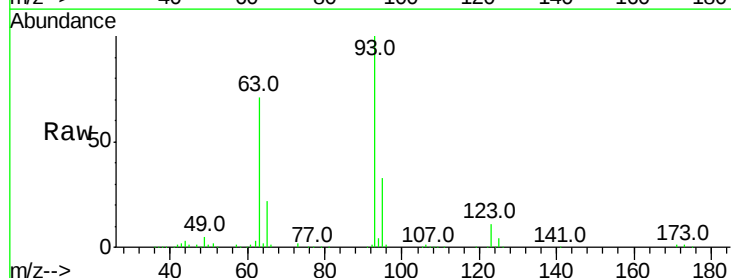
RT: 7.91 min Scan# 990

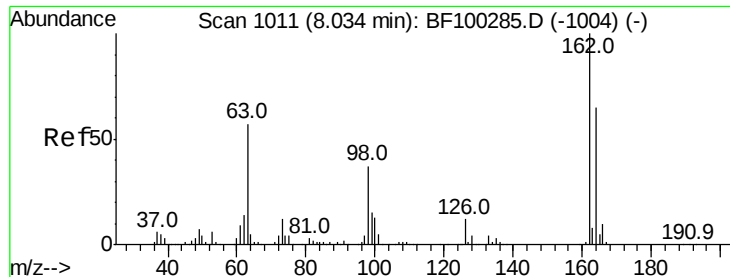
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 44.977 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

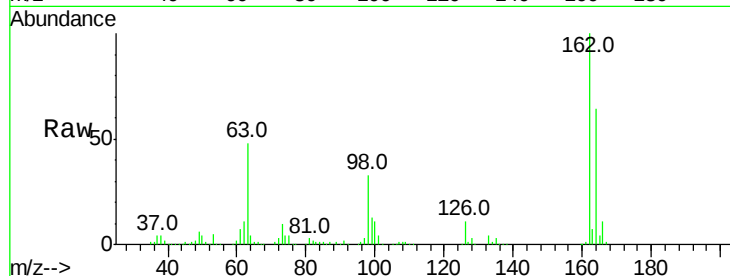
ClientSampleId :

HR-04-111317-AMS

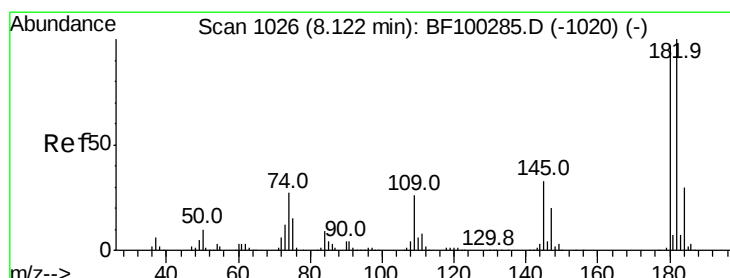
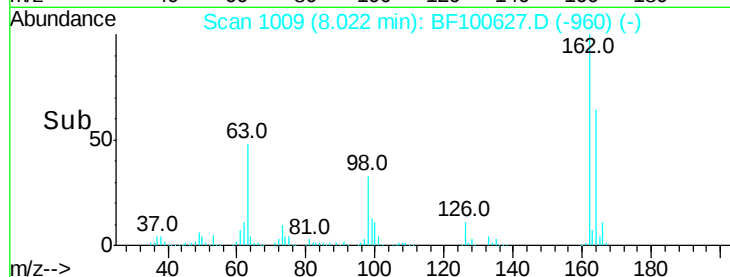
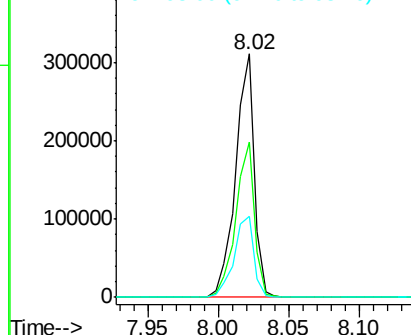
Tot Ion:	162	Resp:	286933
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	33.4	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 43.082 ng

RT: 8.10 min Scan# 1023

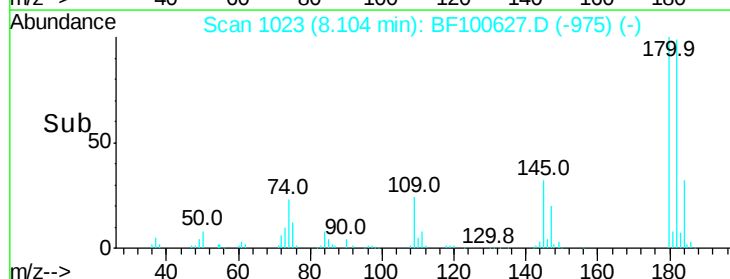
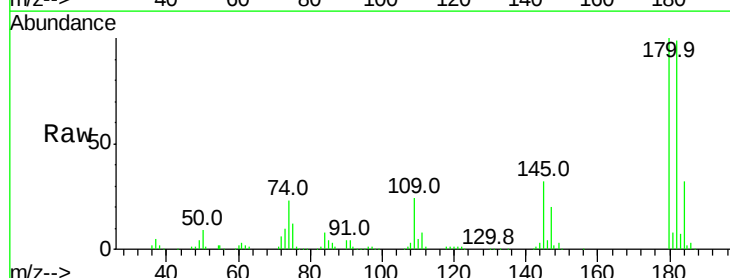
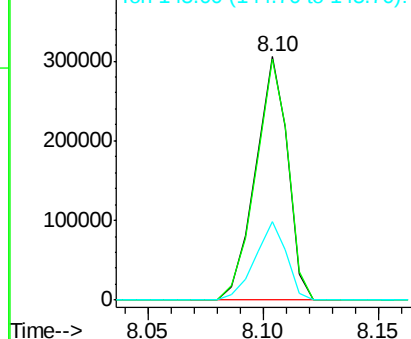
Delta R.T. -0.02 min

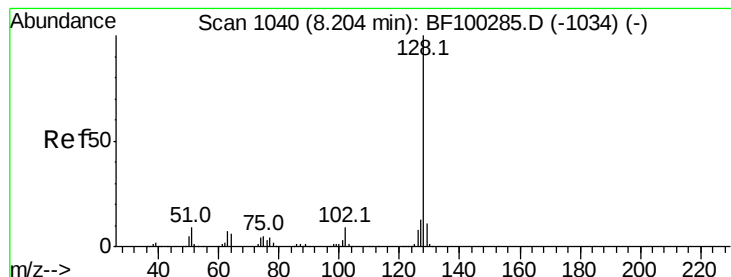
Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	180	Resp:	297296
Ion Ratio	Lower	Upper	
180	100		
182	99.1	76.8	115.2
145	32.3	26.5	39.7

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





#31

Naphthalene

Concen: 42.894 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

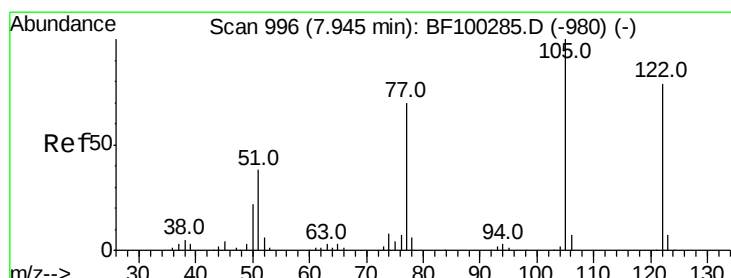
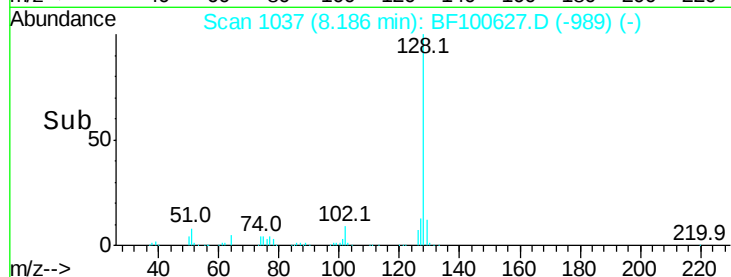
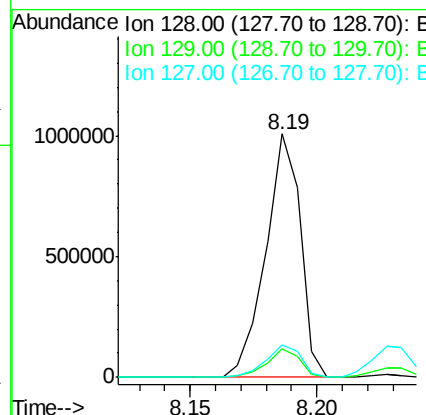
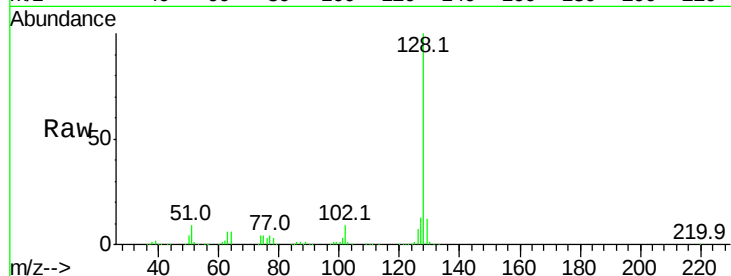
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	128	Resp:	968955
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.8	13.2
127	13.5	10.9	16.3

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#32

Benzoic acid

Concen: 12.953 ng

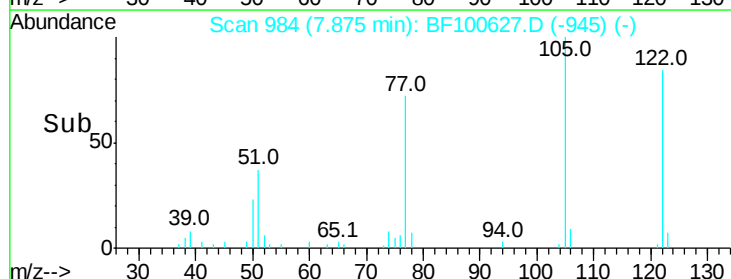
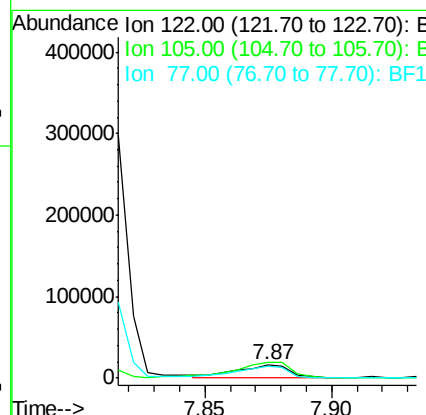
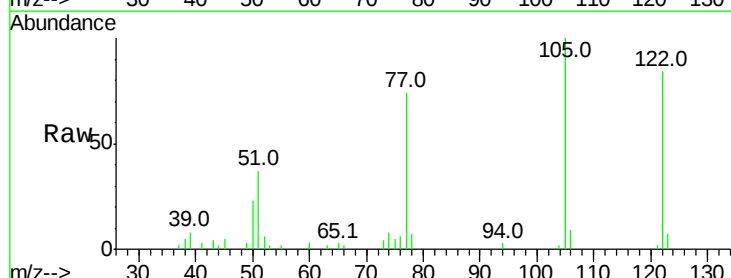
RT: 7.87 min Scan# 984

Delta R.T. -0.07 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	122	Resp:	22781
Ion Ratio	Lower	Upper	
122	100		
105	118.4	101.1	141.1
77	87.8	70.7	110.7





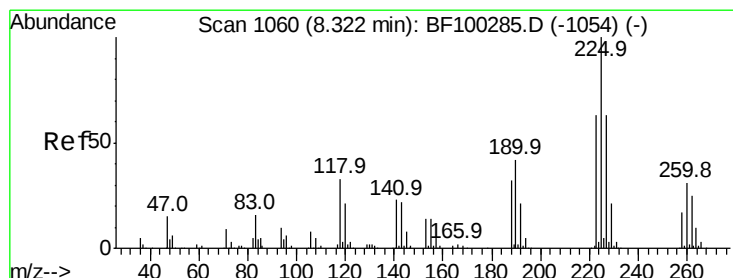
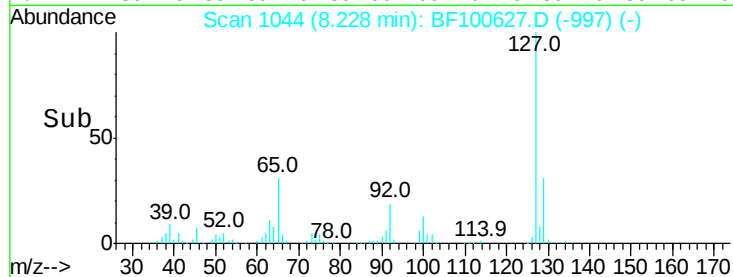
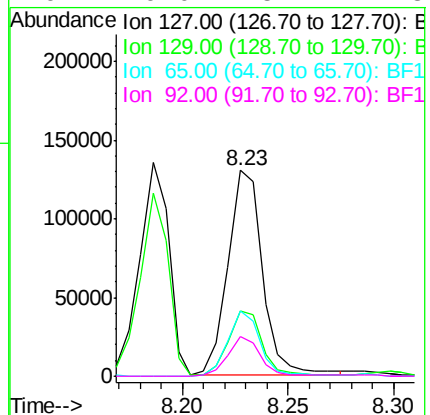
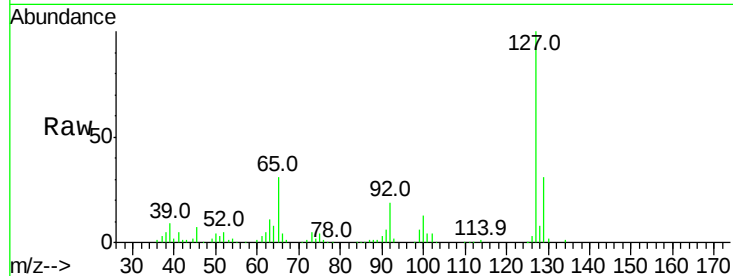
#33
4-Chloroaniline
Concen: 15.792 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.9	38.9		
65	31.5	25.0	37.4		
92	19.0	15.2	22.8		

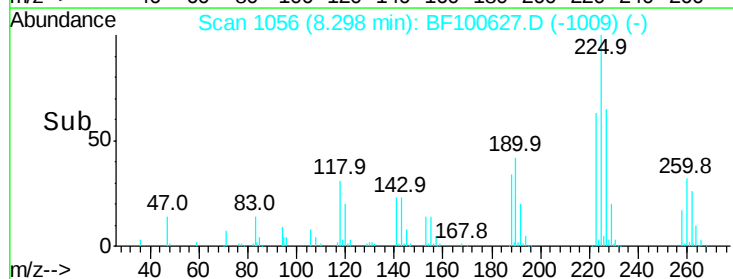
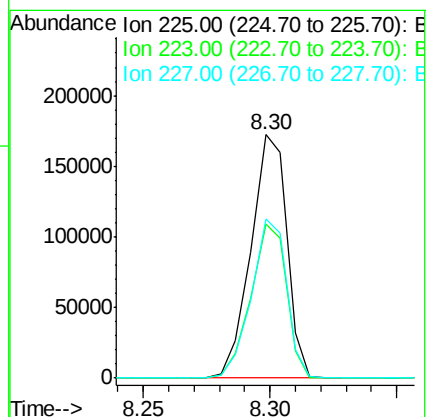
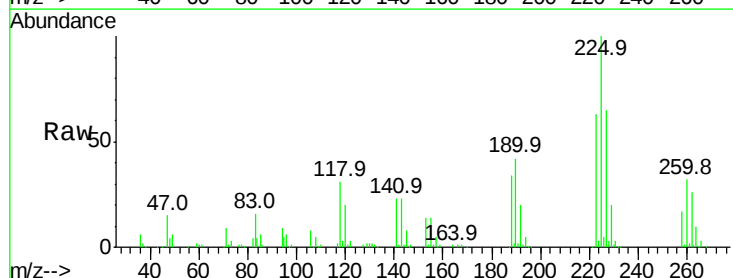
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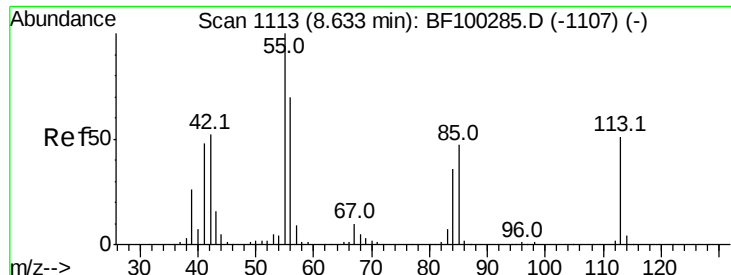
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#34
Hexachlorobutadiene
Concen: 41.630 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	65.2	51.9	77.9		





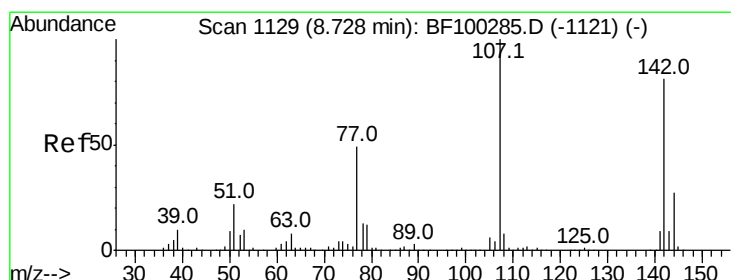
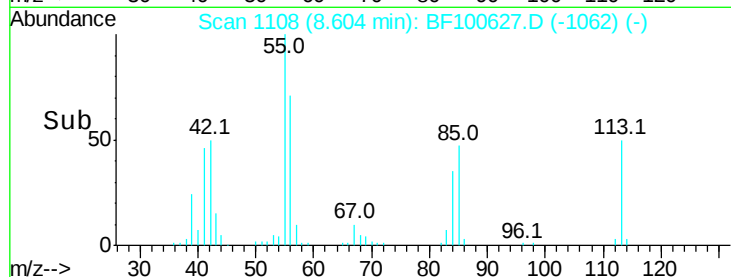
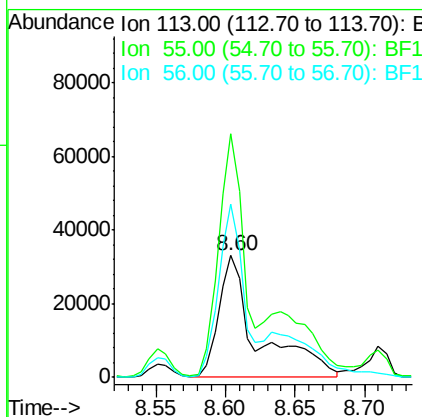
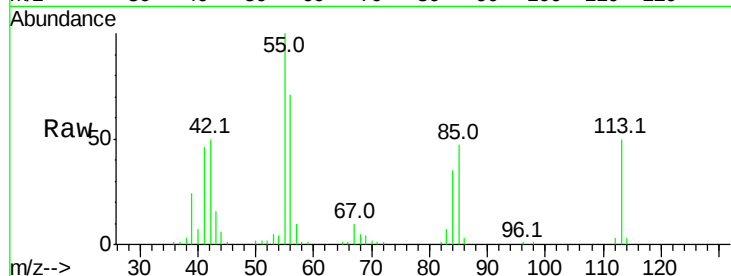
#35
Caprolactam
Concen: 29.642 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.5	163.3	203.3
56	142.4	115.7	155.7

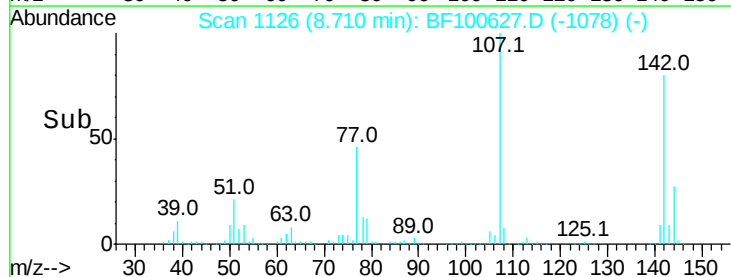
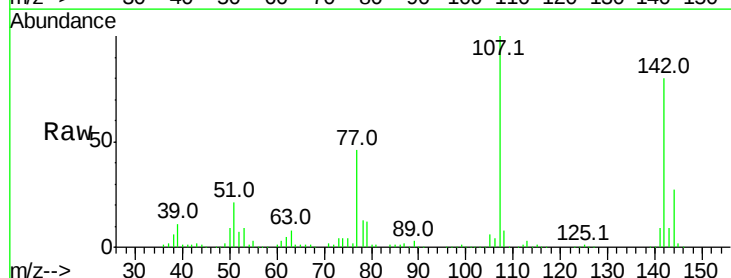
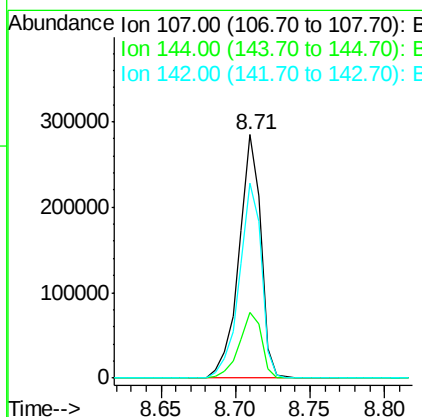
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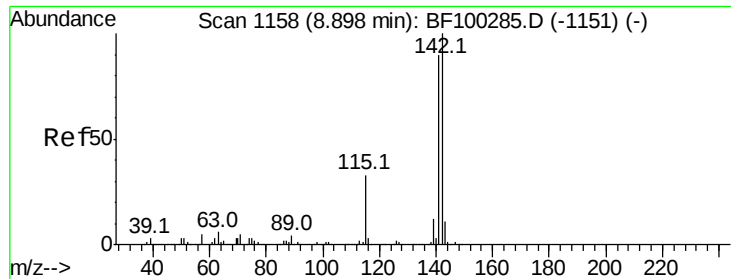
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#36
4-Chloro-3-methylphenol
Concen: 42.488 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	80.0	62.0	93.0





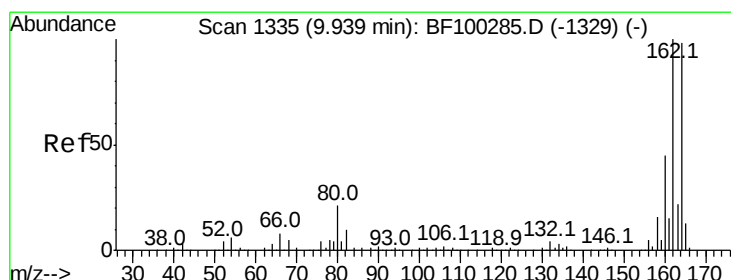
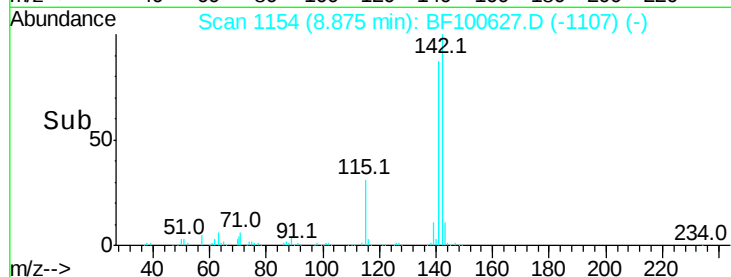
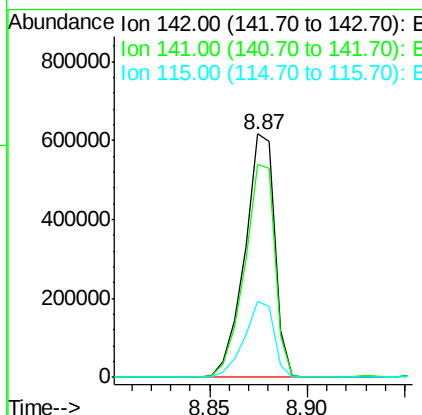
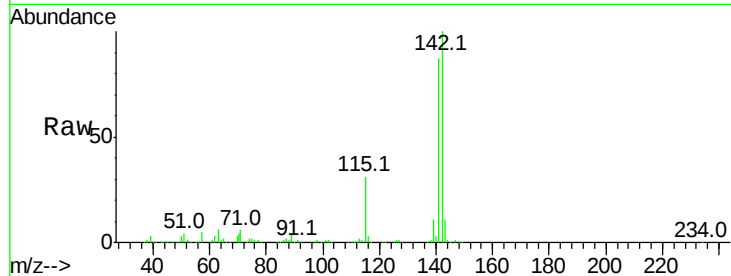
#37
2-Methylnaphthalene
Concen: 43.695 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	31.3	26.1	39.1

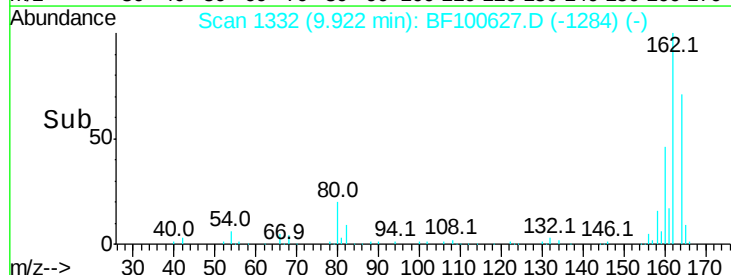
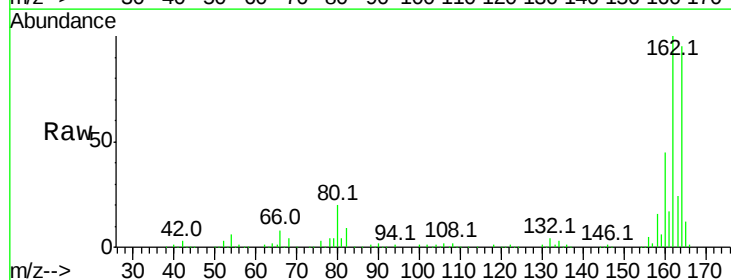
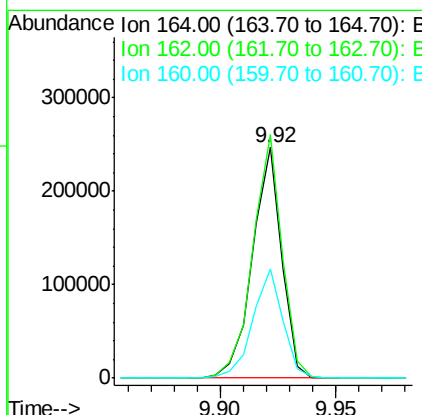
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.1	38.3	57.5





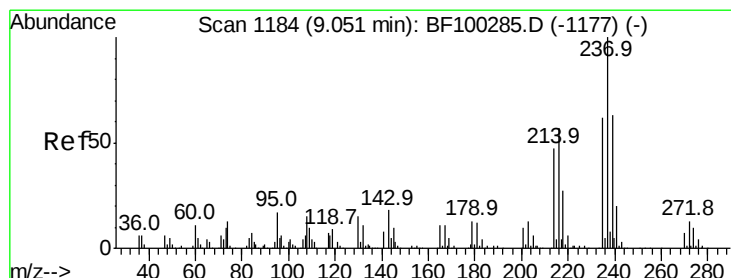
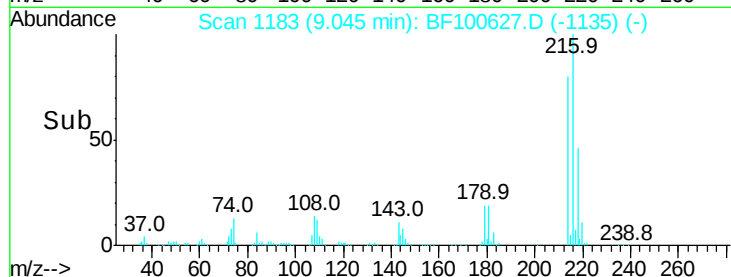
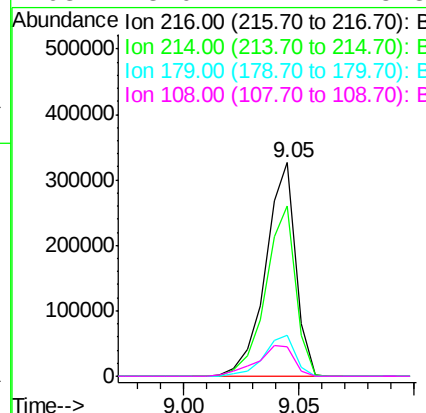
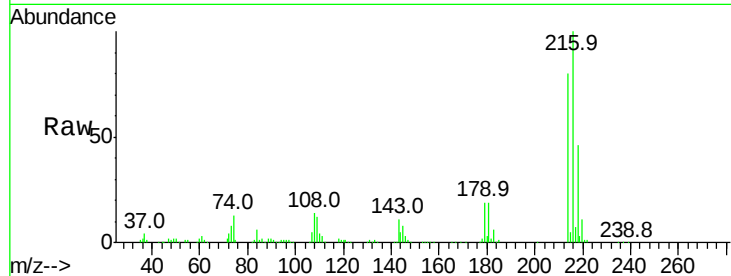
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.909 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	296100		
214	79.4	63.0	94.4	
179	19.7	18.1	27.1	
108	18.0	17.2	25.8	

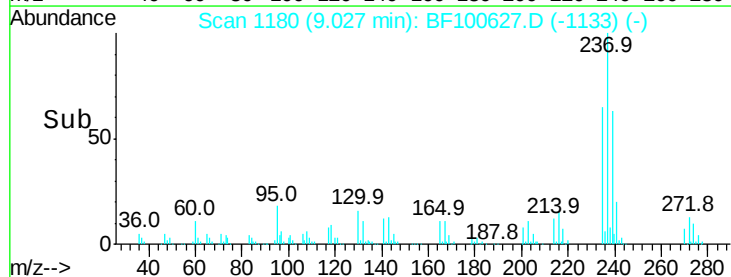
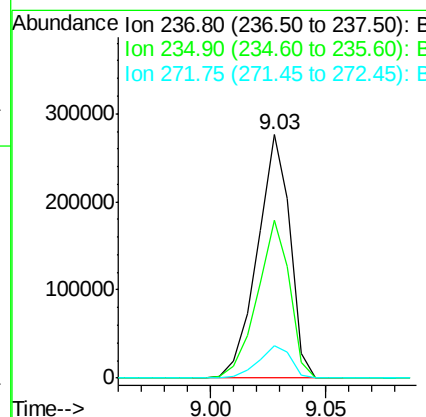
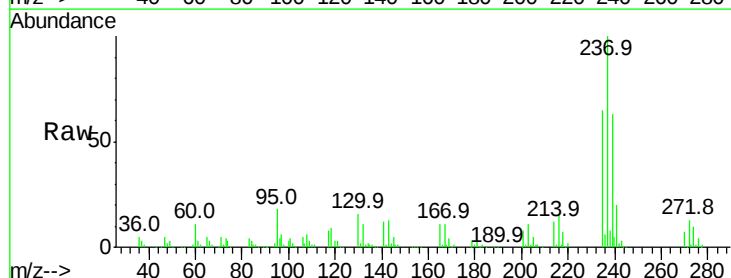
Manual Integrations
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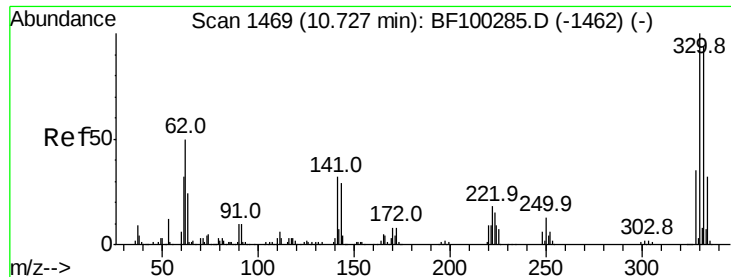
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#40
Hexachlorocyclopentadiene
Concen: 79.908 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	272216		
235	65.1	44.8	84.8	
272	13.3	0.0	33.3	





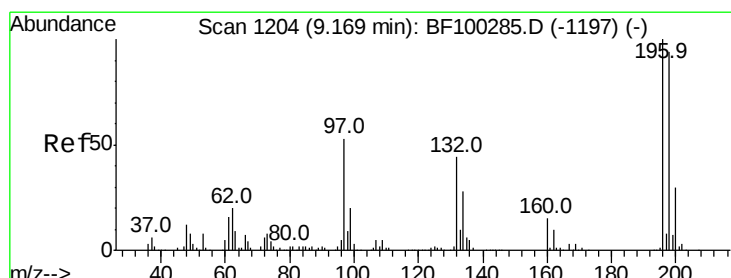
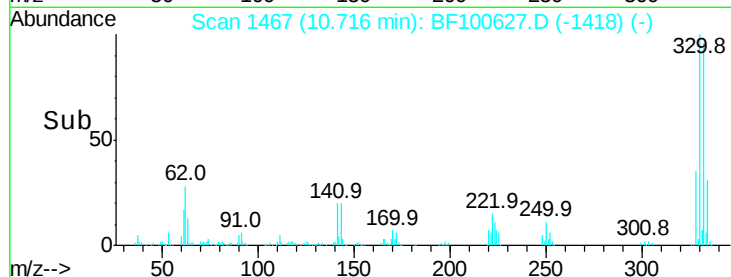
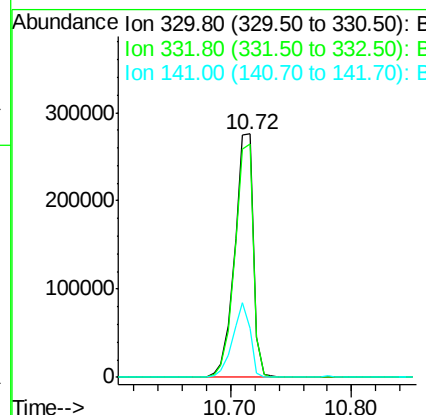
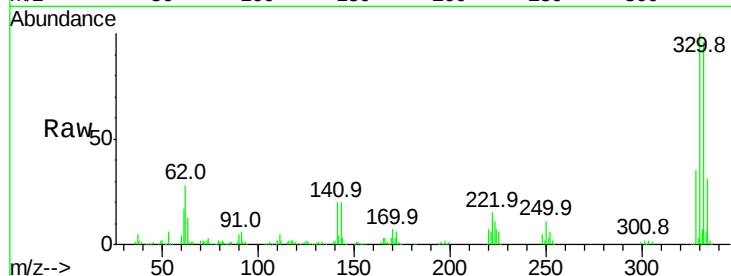
#41
 2,4,6-Tribromophenol
 Concen: 133.134 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296080		
332	95.5	77.0	115.6	
141	28.7	29.9	44.9	

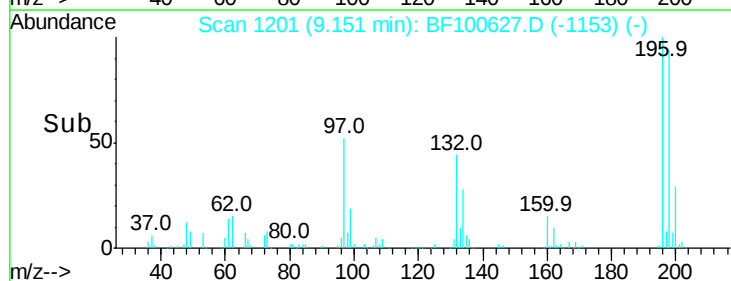
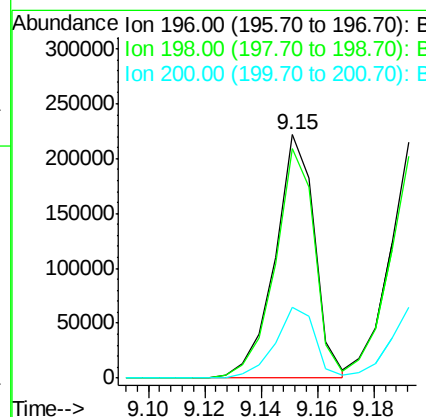
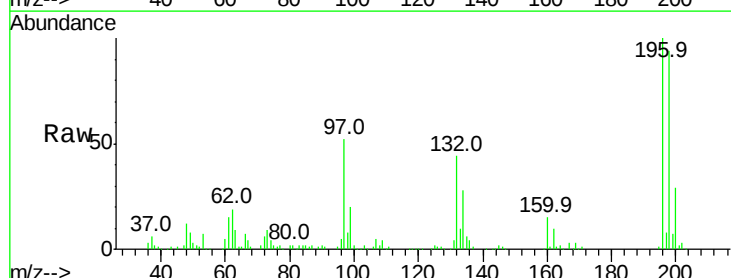
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 46.854 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	214937		
198	94.4	75.7	113.5	
200	29.1	24.5	36.7	





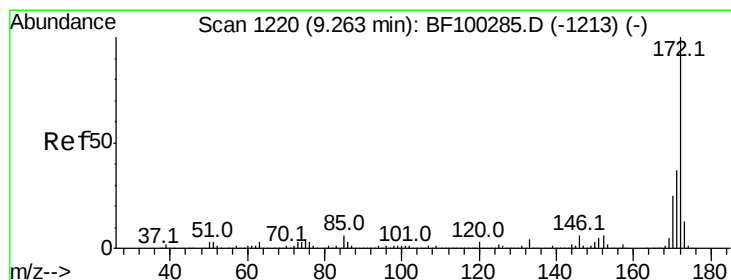
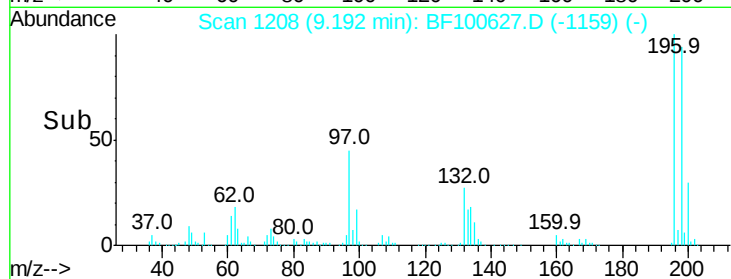
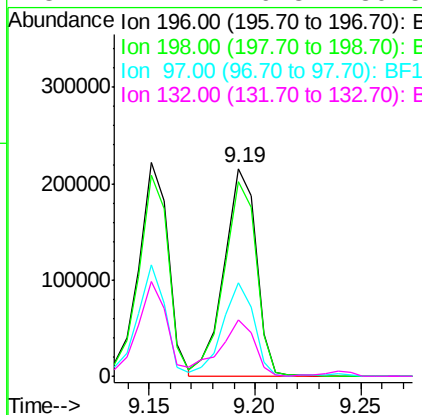
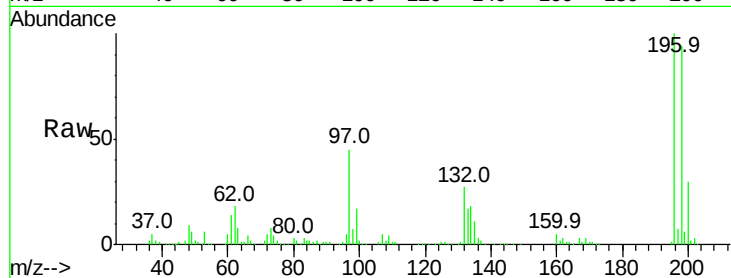
#43
 2,4,5-Trichlorophenol
 Concen: 47.540 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225951		
198	94.0	74.6	112.0	
97	45.2	42.9	64.3	
132	27.4	26.3	39.5	

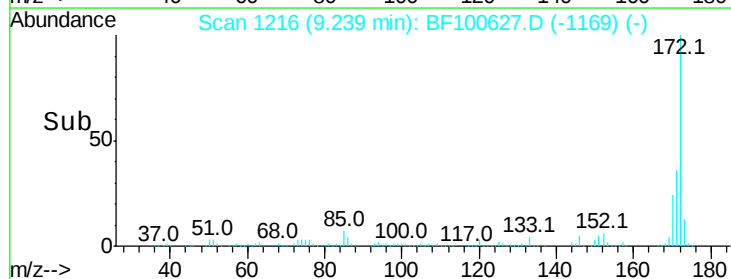
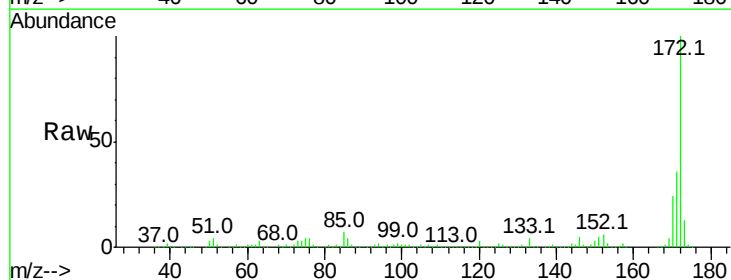
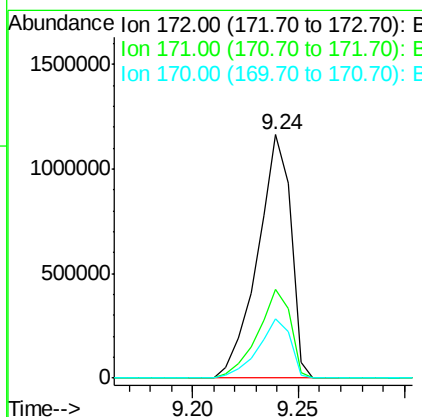
Manual Integrations
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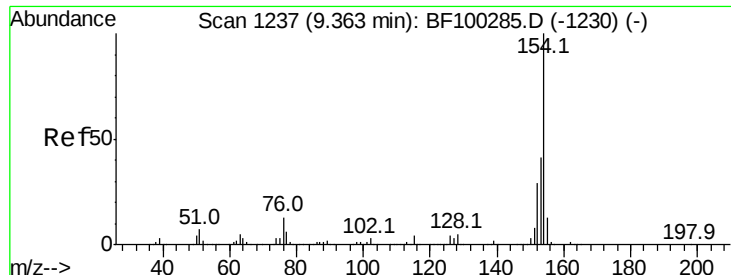
SOHIL
 11/17/2017 1:24:37 PM



#44
 2-Fluorobiphenyl
 Concen: 88.591 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1269743		
171	36.2	29.7	44.5	
170	24.4	19.6	29.4	





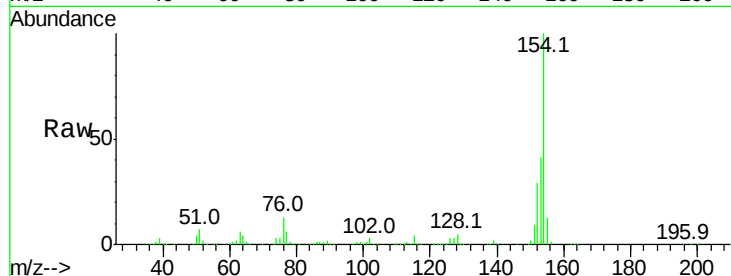
#45
1,1'-Biphenyl
Concen: 40.978 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

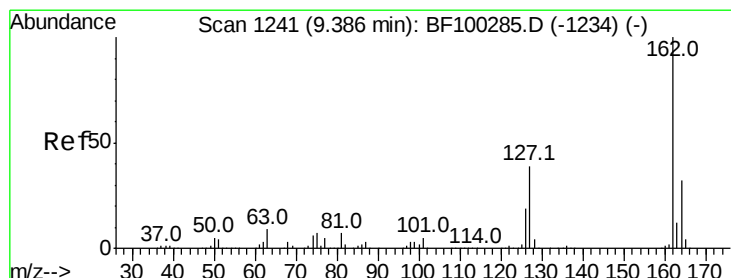
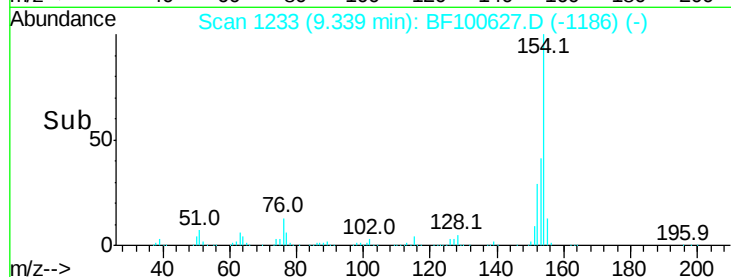
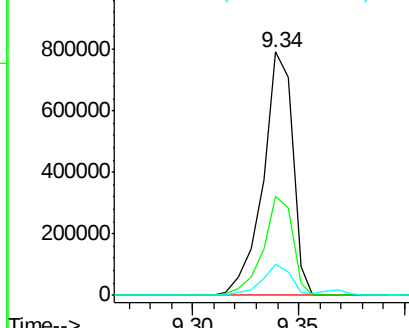
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	12.9	0.0	34.0	

Manual Integrations
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11/17/2017 1:24:37 PM

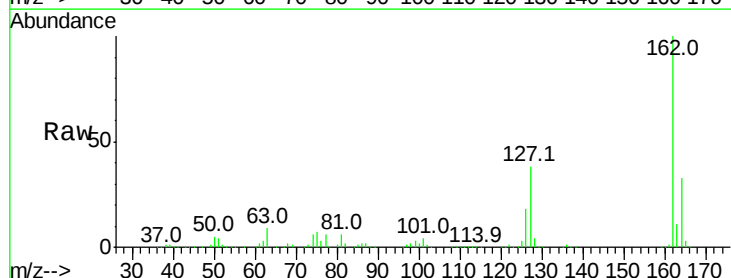


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

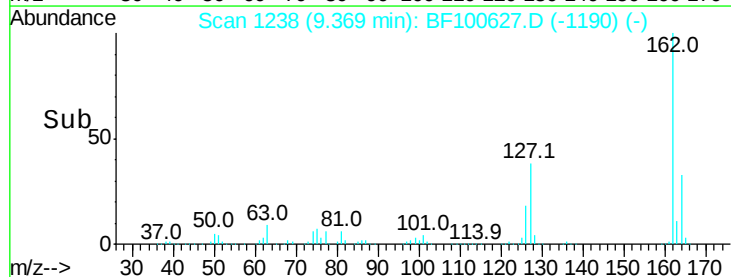
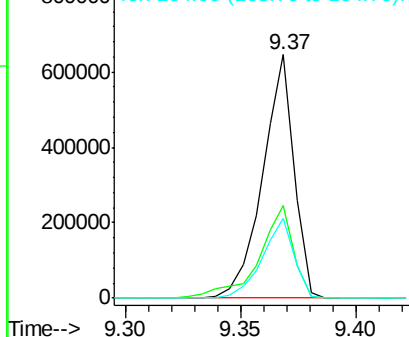


#46
2-Chloronaphthalene
Concen: 44.220 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.0	33.9	50.9	
164	32.5	26.5	39.7	



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





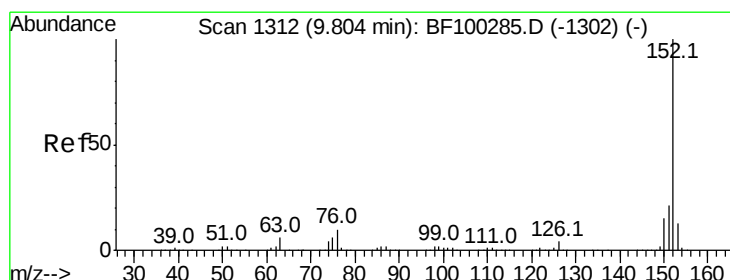
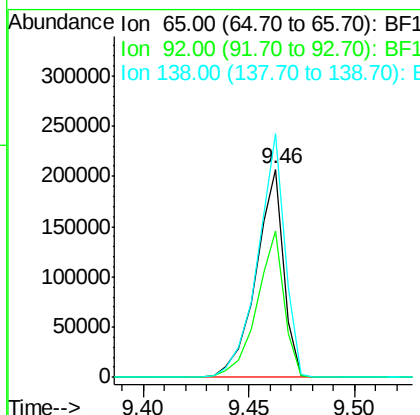
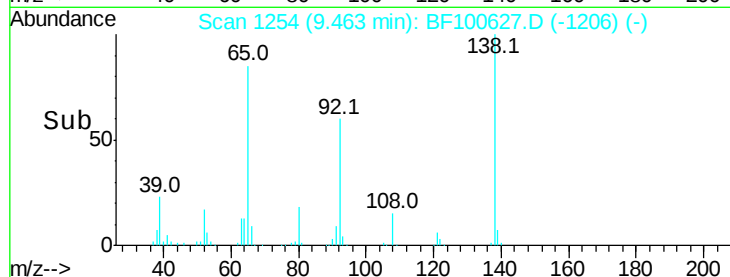
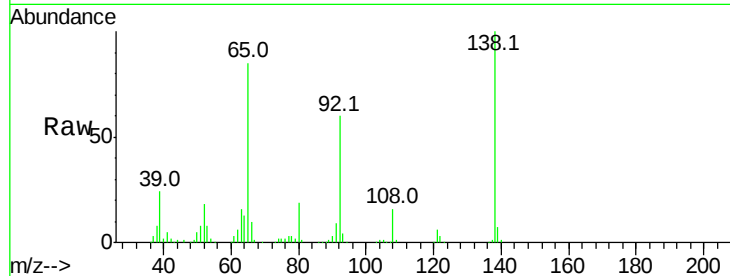
#47
2-Nitroaniline
Concen: 46.601 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	117.0	91.2	136.8

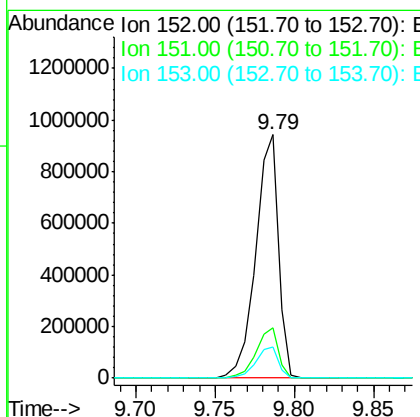
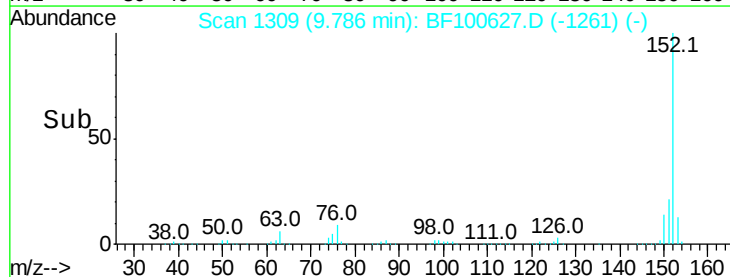
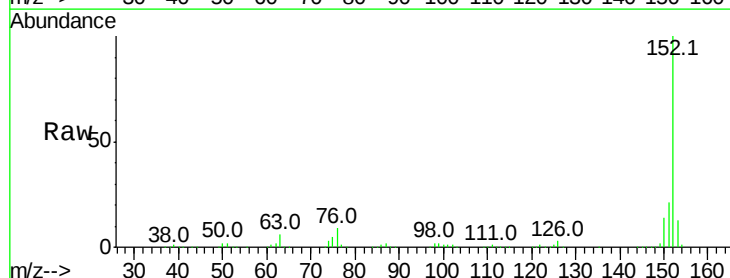
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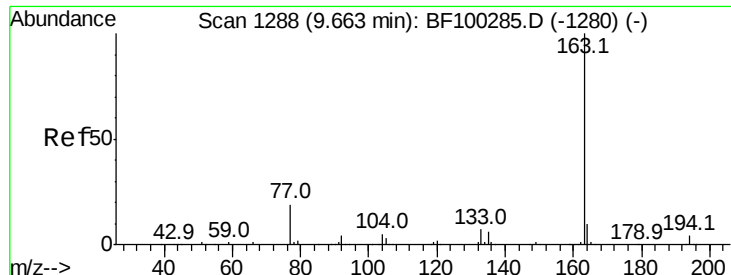
SOHIL
11/17/2017 1:24:37 PM



#48
Acenaphthylene
Concen: 41.351 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.0	10.7	16.1





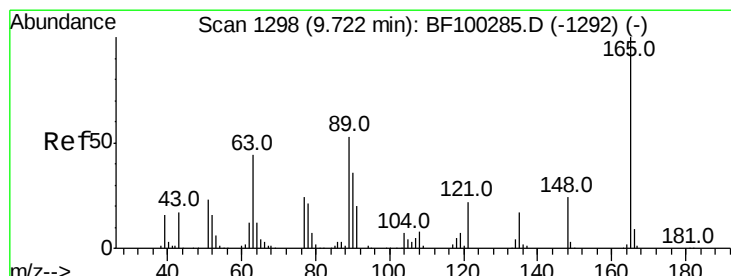
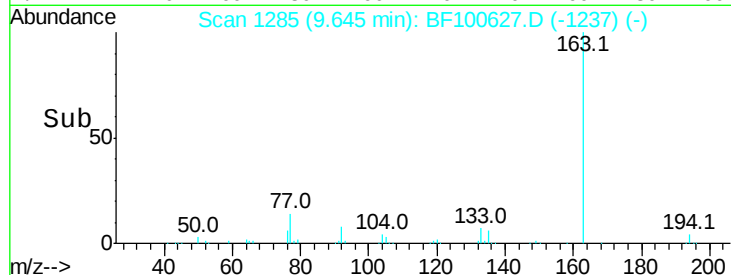
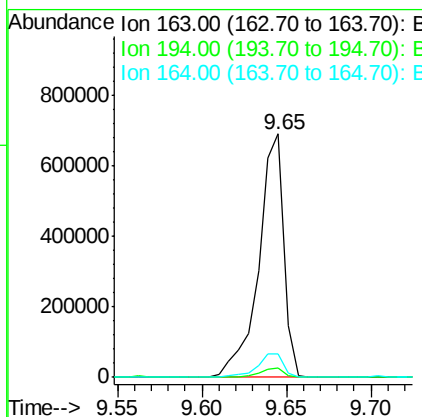
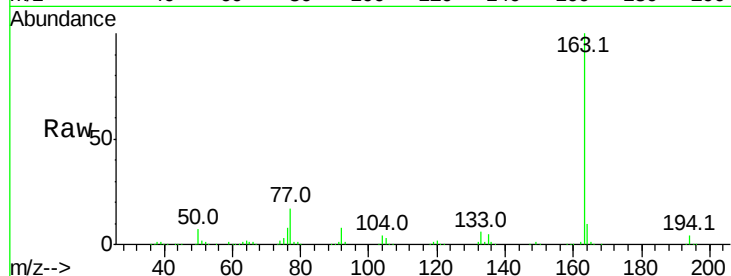
#49
Dimethylphthalate
Concen: 42.796 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	713127		
194	4.0		2.7	4.1
164	9.8		8.2	12.2

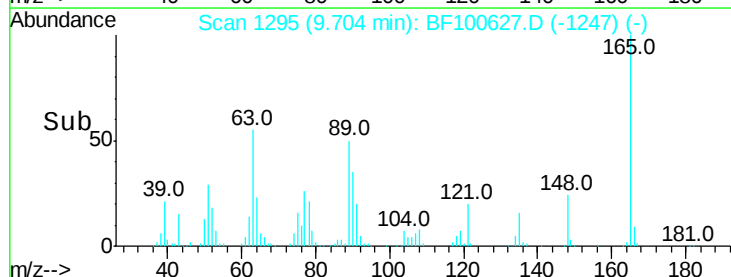
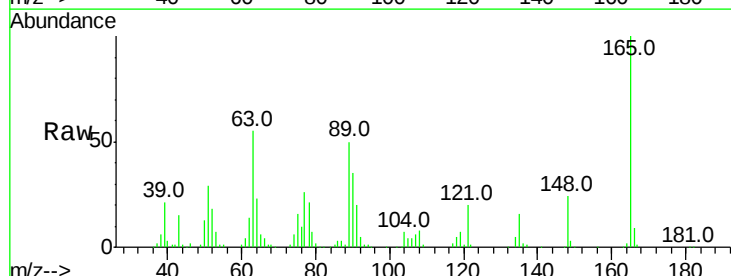
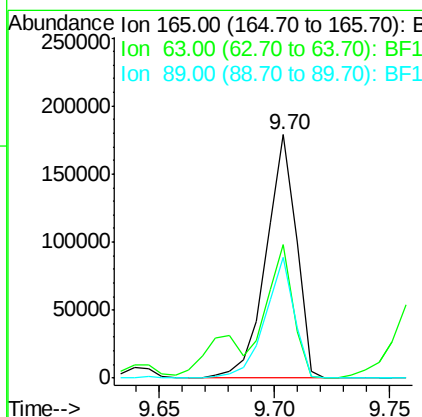
Manual Integrations
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11/17/2017 1:24:37 PM



#50
2,6-Dinitrotoluene
Concen: 49.129 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162047		
63	54.6		44.7	67.1
89	49.7		44.0	66.0





#51

Acenaphthene

Concen: 40.998 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

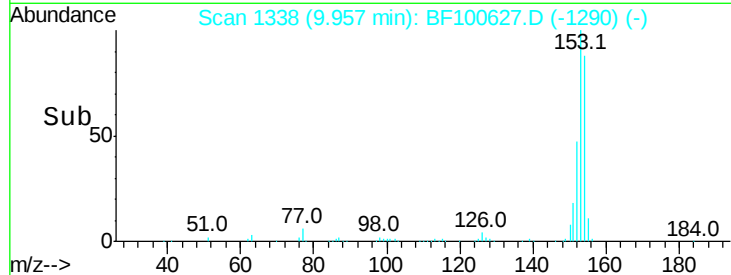
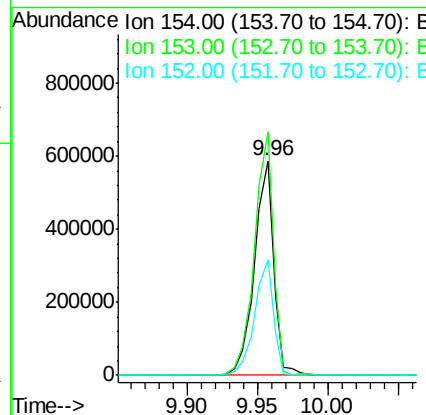
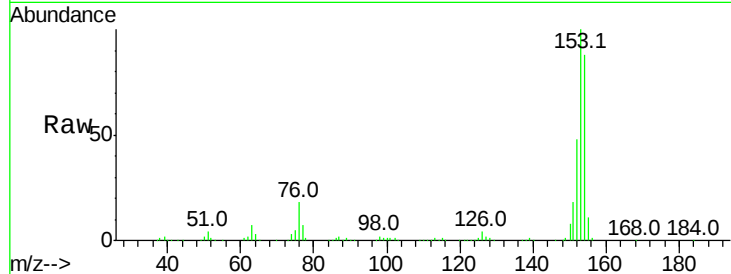
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	154	Resp:	565848
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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SOHIL
11/17/2017 1:24:37 PM



#52

3-Nitroaniline

Concen: 28.927 ng

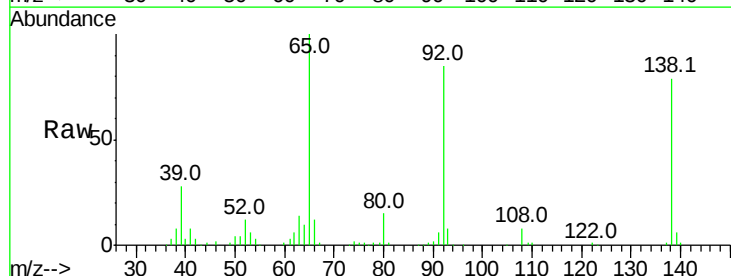
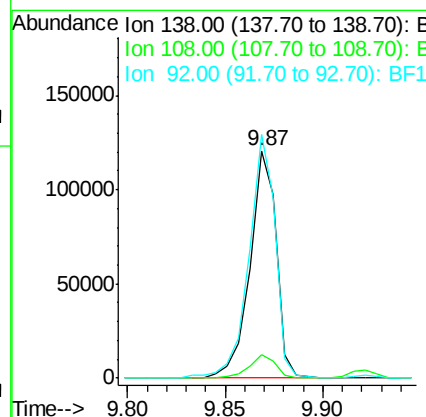
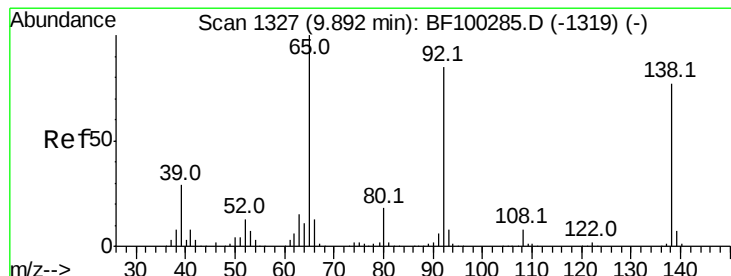
RT: 9.87 min Scan# 1323

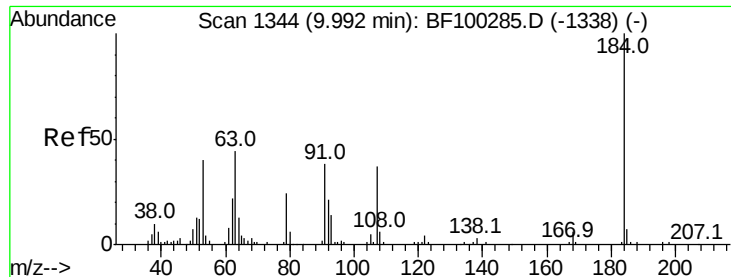
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	138	Resp:	112668
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	107.0	89.4	134.2





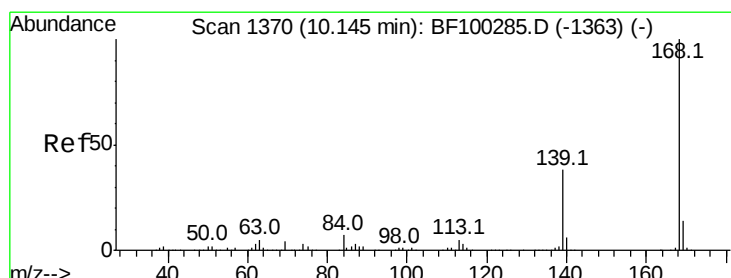
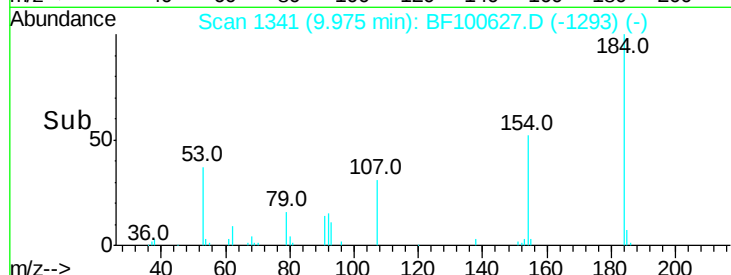
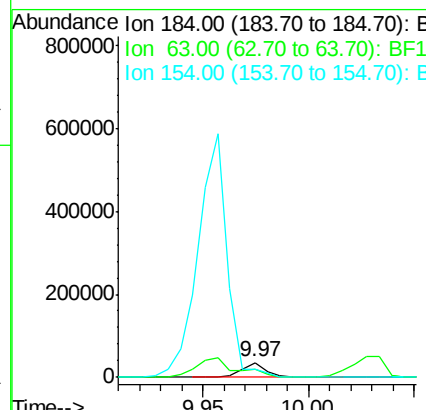
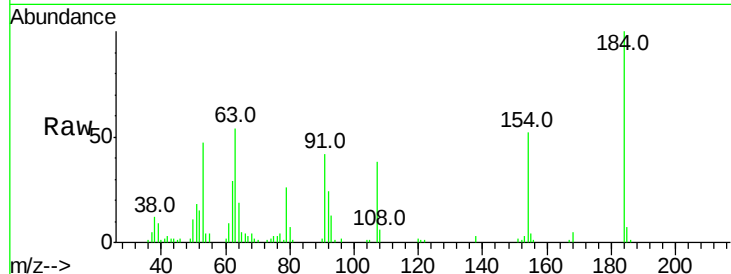
#53
2,4-Dinitrophenol
Concen: 30.633 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.6	54.2	81.2#
154	51.8	184.0	276.0#

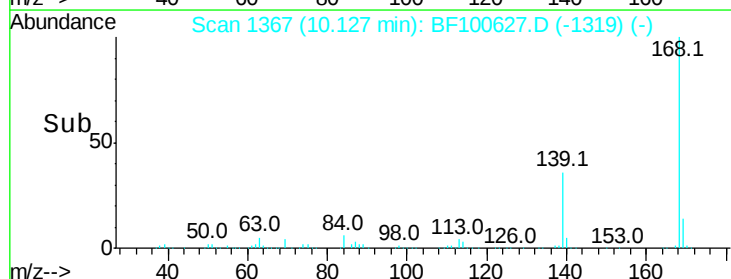
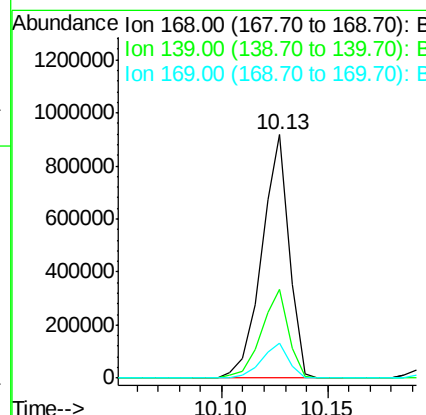
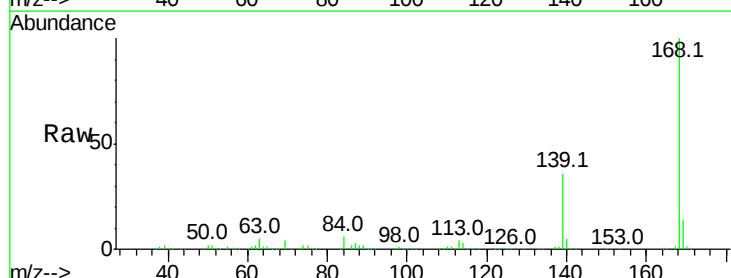
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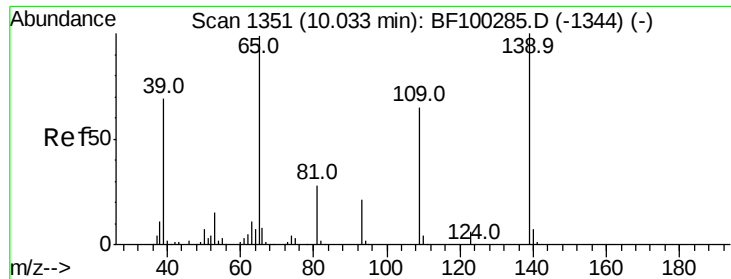
SOHIL
11/17/2017 1:24:37 PM



#54
Dibenzofuran
Concen: 42.588 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.1	45.1
169	14.2	10.9	16.3





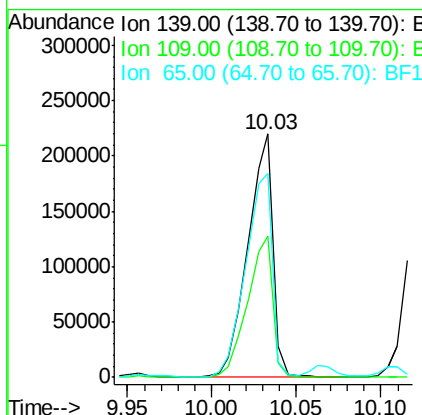
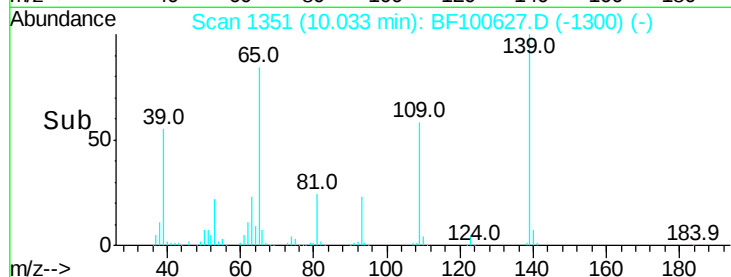
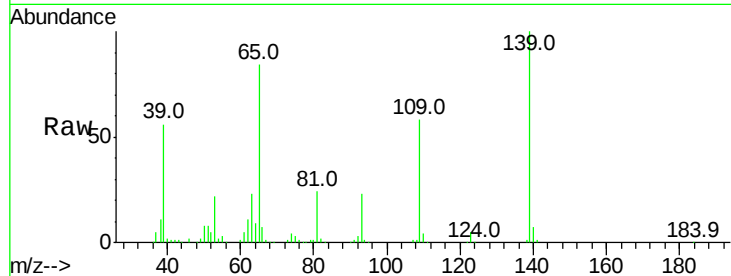
#55
4-Nitrophenol
Concen: 72.726 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	230006		
109	58.0		48.4	88.4
65	83.9		72.6	112.6

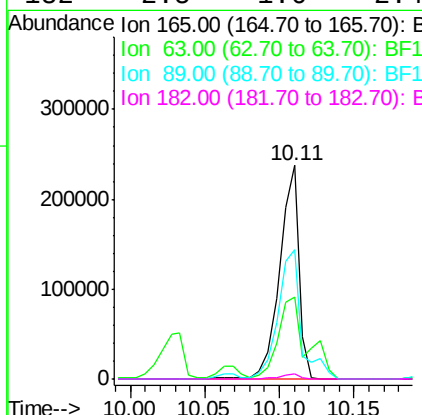
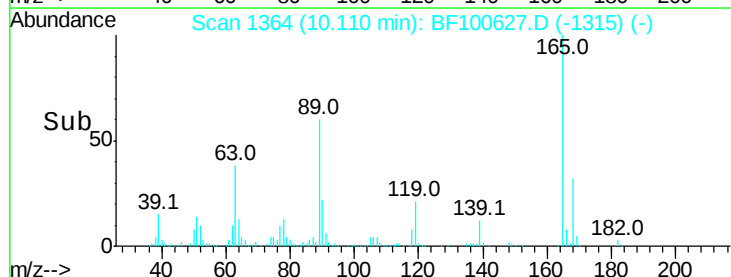
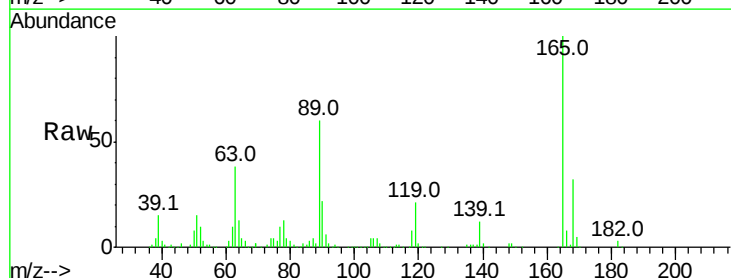
Manual Integrations
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11/17/2017 1:24:37 PM



#56
2,4-Dinitrotoluene
Concen: 52.072 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216676		
63	38.5		36.4	54.6
89	60.4		57.8	86.6
182	2.5		1.6	2.4#





#57

Fluorene

Concen: 44.806 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tot Ion:166 Resp: 634944

Ion Ratio Lower Upper

166 100

165 97.6 79.8 119.8

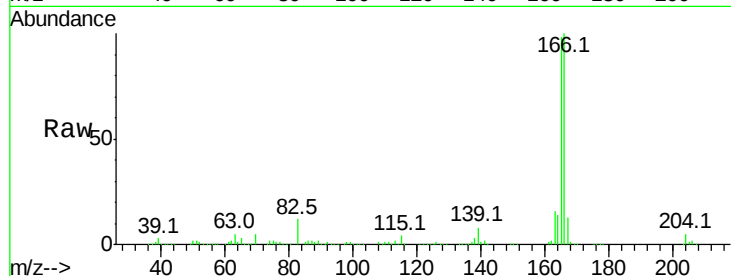
167 12.8 10.6 16.0

Manual Integrations

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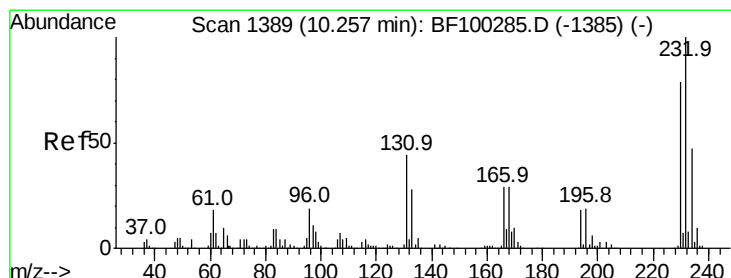
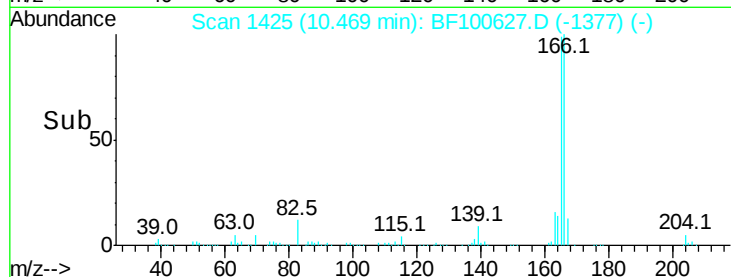
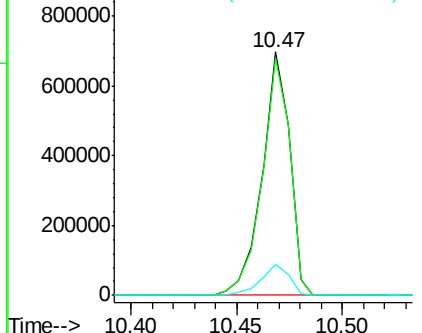
11/17/2017 1:24:37 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.954 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:232 Resp: 179005

Ion Ratio Lower Upper

232 100

131 42.4 43.8 65.8#

130 1.9 2.1 3.1#

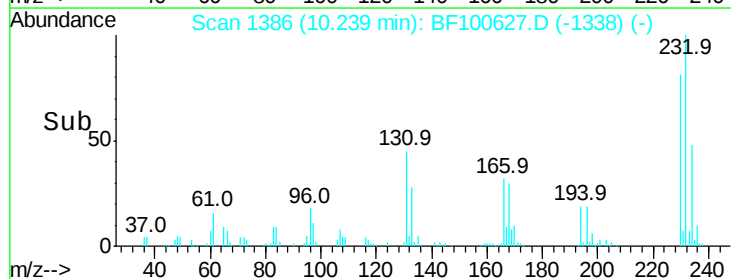
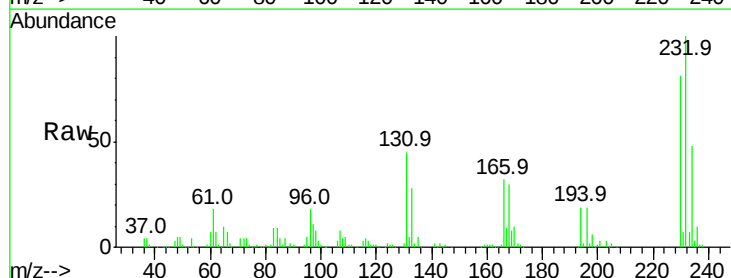
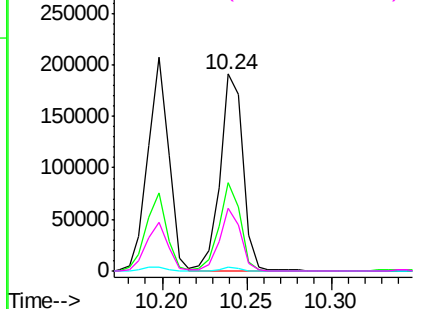
166 29.9 27.8 41.6

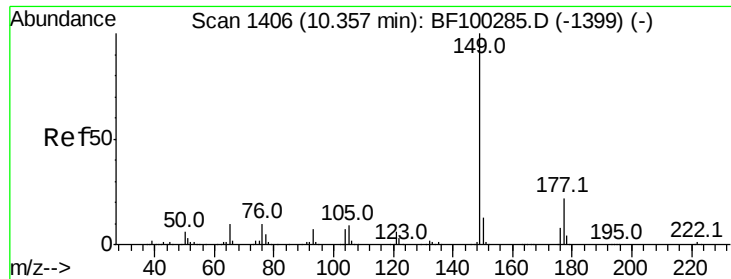
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





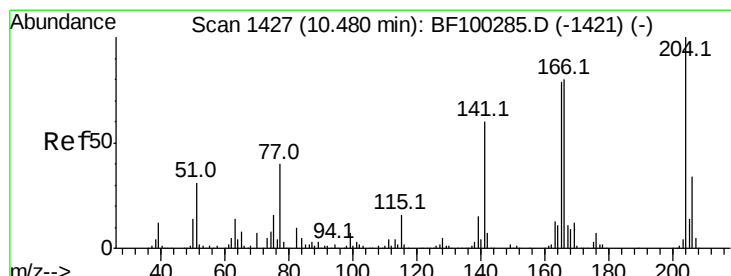
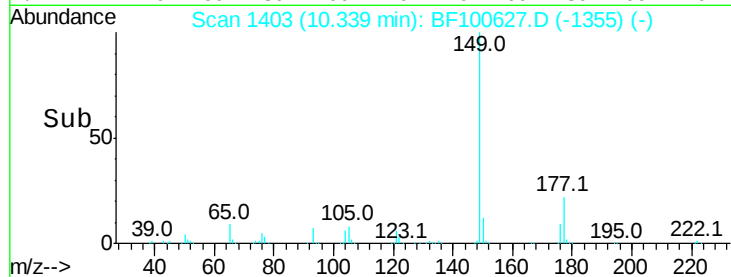
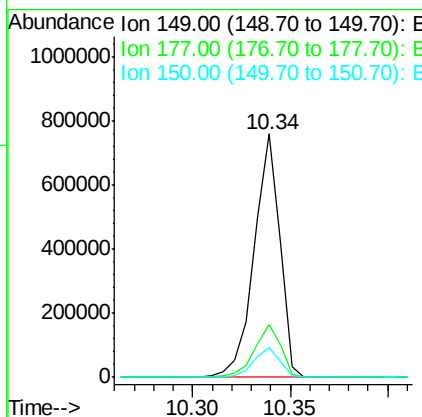
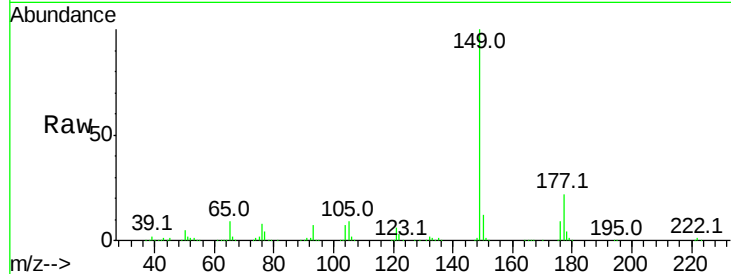
#59
Diethylphthalate
Concen: 41.411 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.5	10.1	15.1

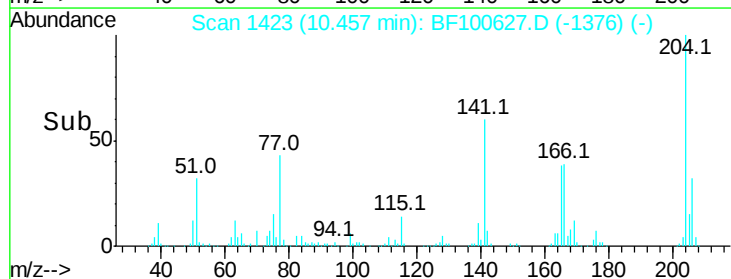
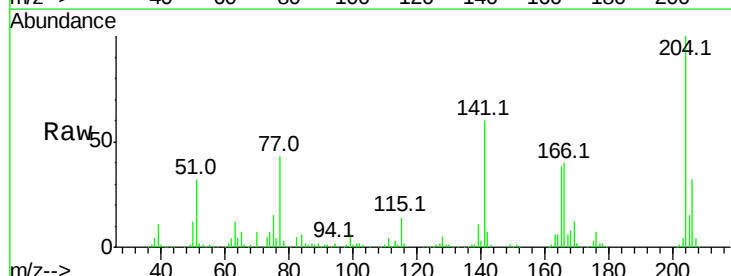
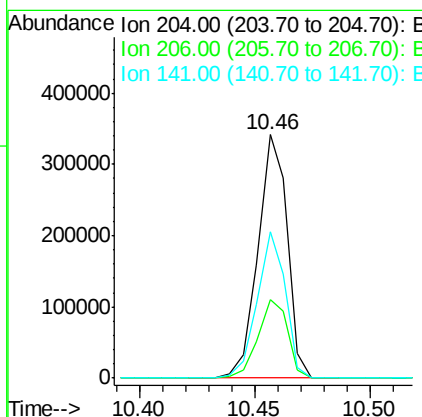
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 43.442 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	60.3	54.6	81.8





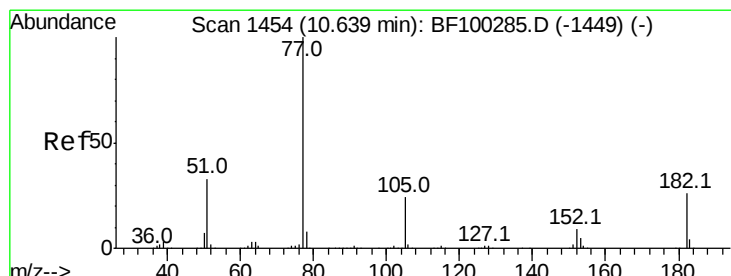
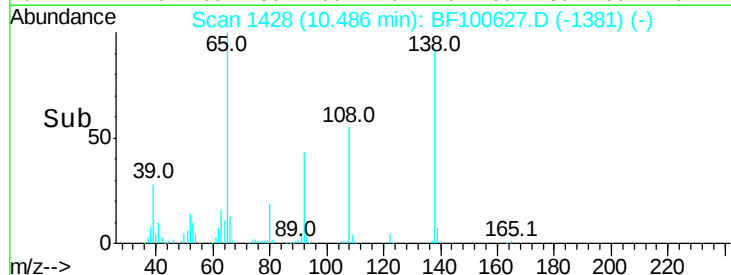
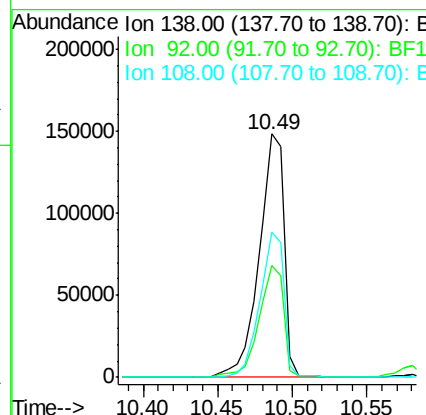
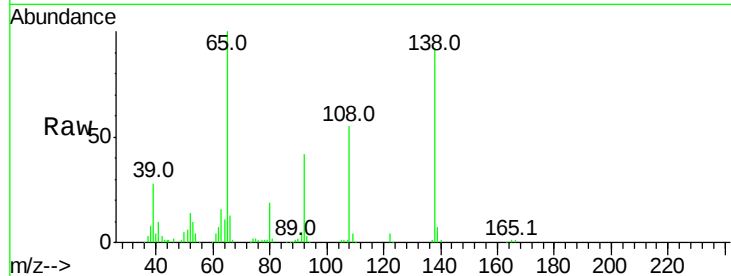
#61
4-Nitroaniline
Concen: 45.982 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.1	30.2	70.2
108	59.3	52.5	92.5

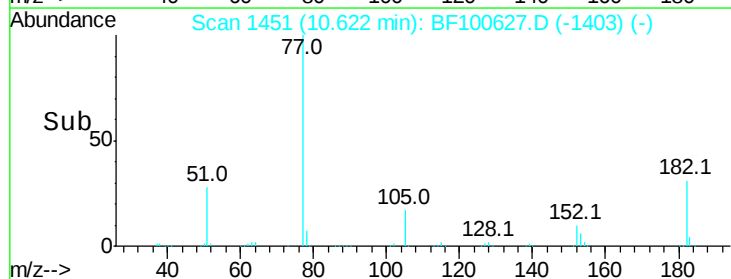
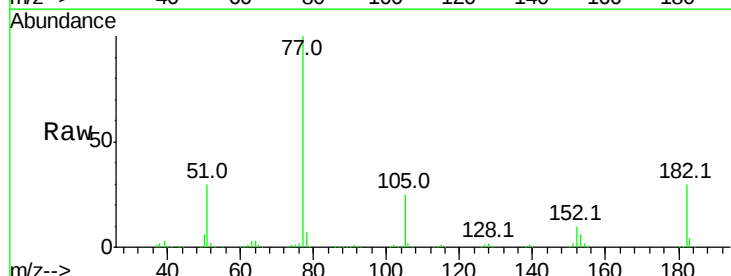
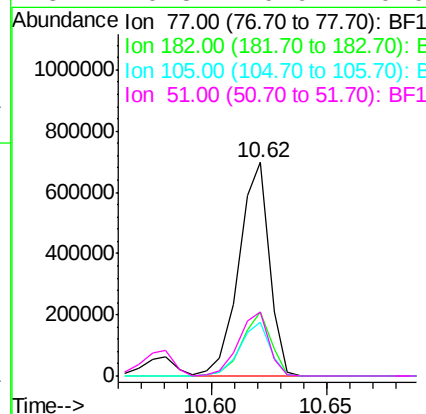
Manual Integrations
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#62
Azobenzene
Concen: 40.834 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.7	1.7	41.7
105	25.2	3.0	43.0
51	29.8	9.9	49.9





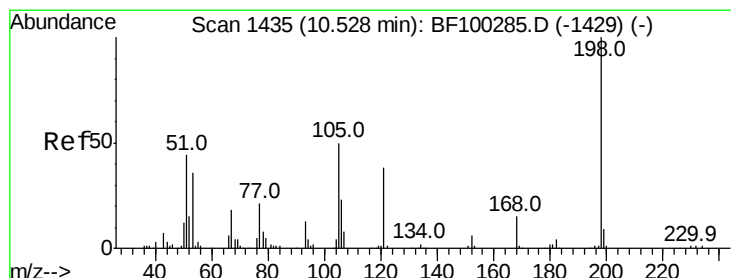
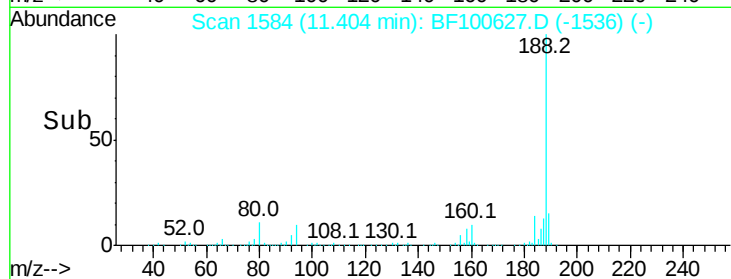
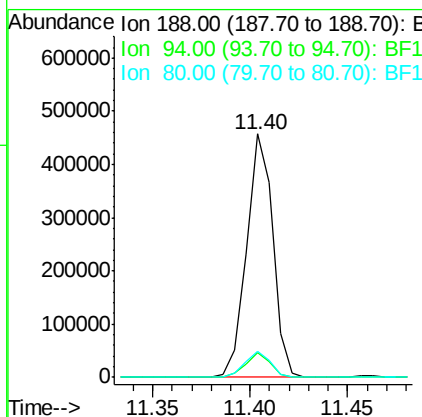
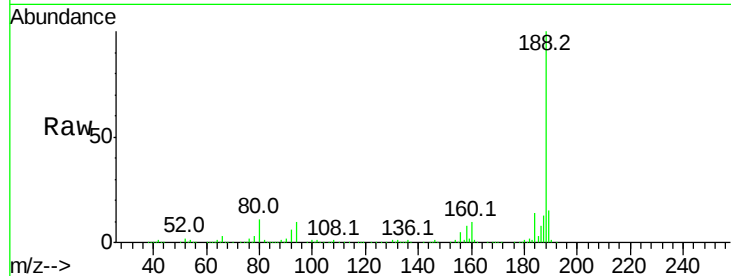
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	425943		
94	10.1		8.5	12.7
80	10.7		9.2	13.8

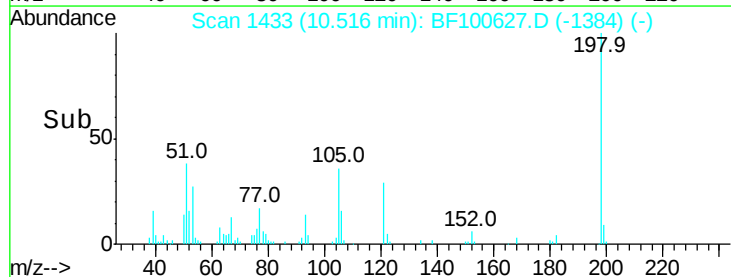
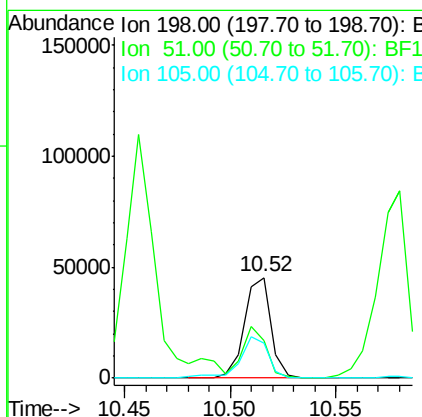
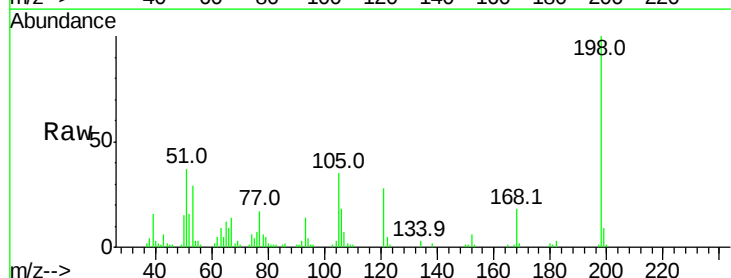
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 23.619 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	39399		
51	37.0		37.7	77.7#
105	34.9		36.3	76.3#





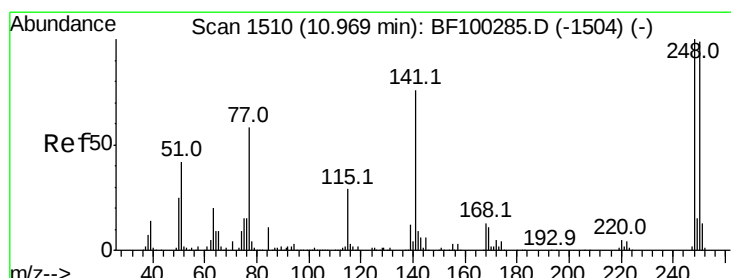
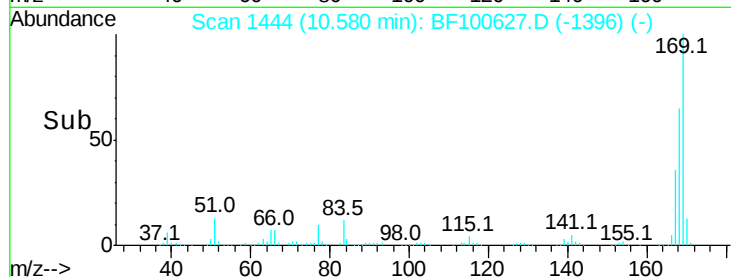
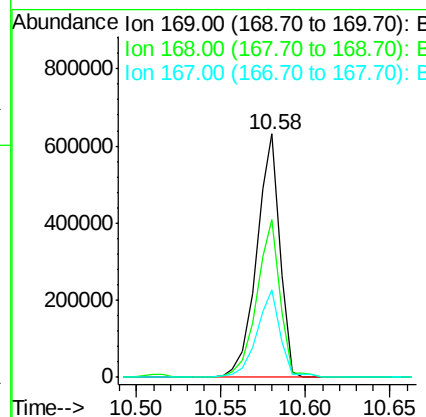
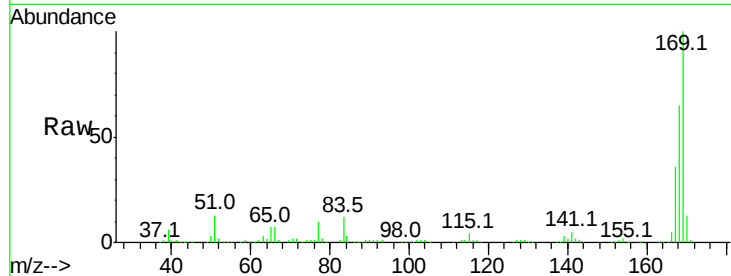
#65
 n-Nitrosodiphenylamine
 Concen: 40.839 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	604847		
168	64.7	54.4	81.6	
167	35.9	29.8	44.6	

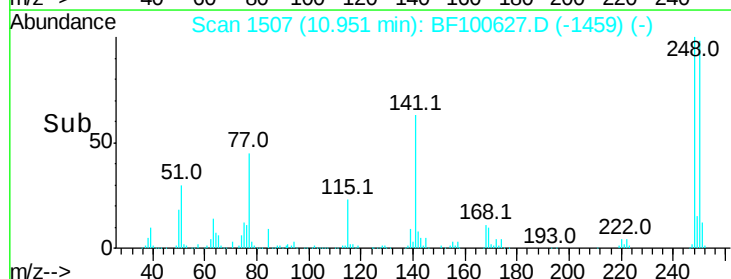
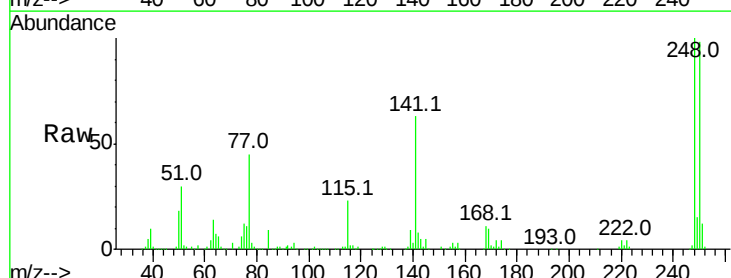
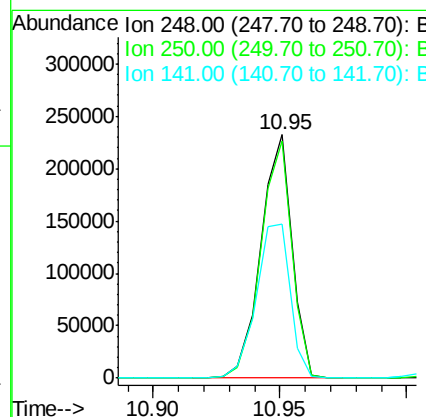
Manual Integrations
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#66
 4-Bromophenyl-phenylether
 Concen: 43.813 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200052		
250	97.6	76.9	115.3	
141	63.3	74.4	111.6#	





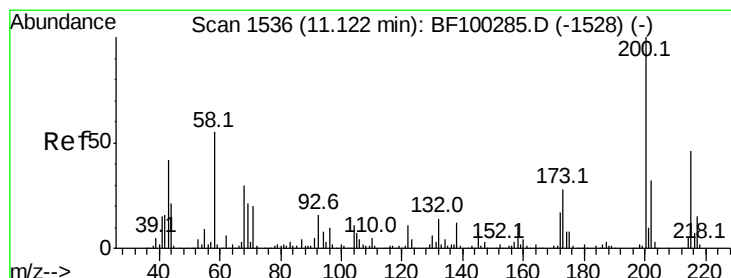
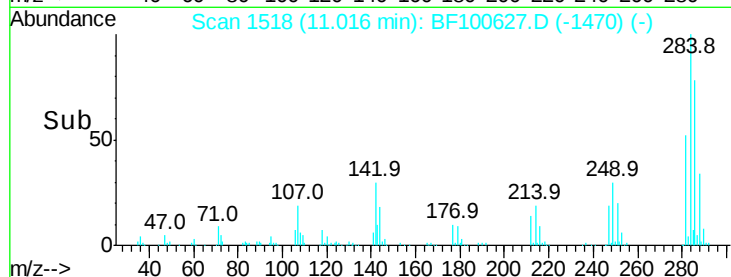
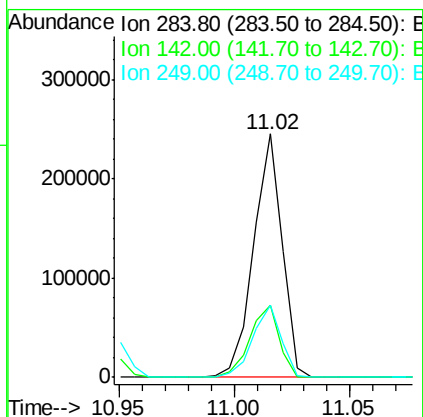
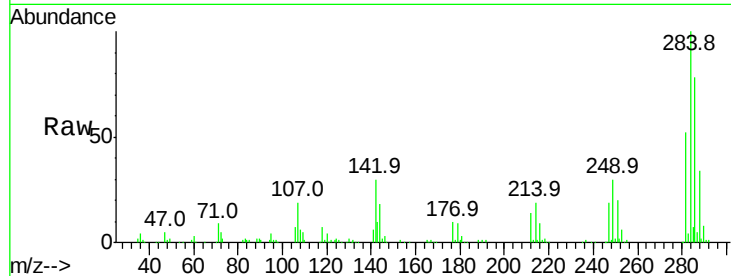
#67
Hexachlorobenzene
Concen: 44.425 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	212153		
142	29.6	34.6	52.0#	
249	29.8	24.8	37.2	

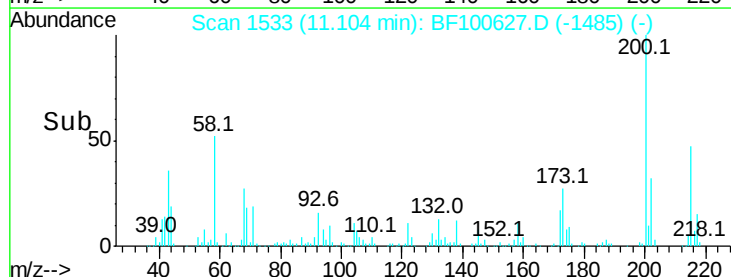
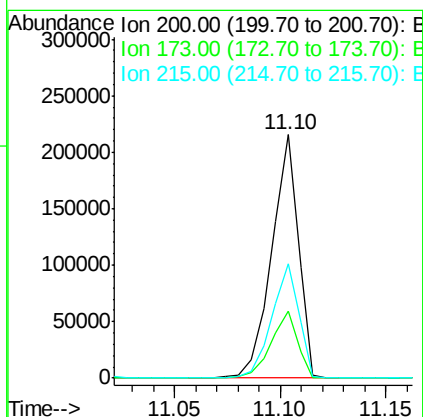
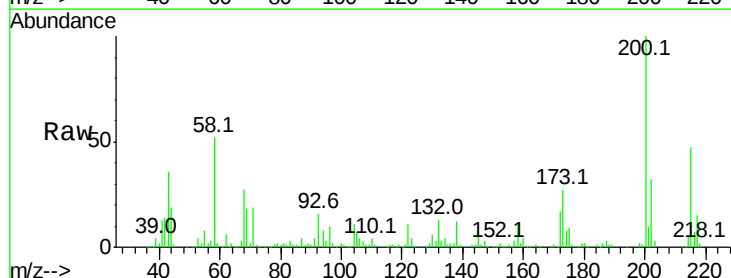
Manual Integrations
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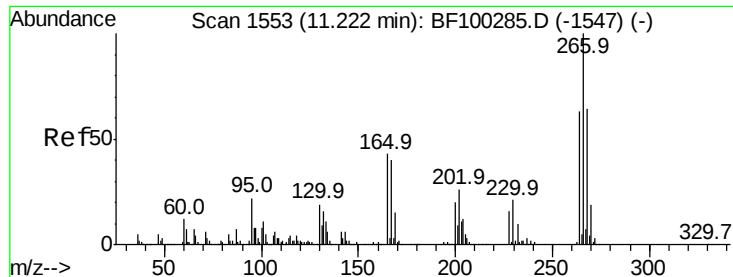
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#68
Atrazine
Concen: 42.274 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	189521		
173	27.4	8.6	48.6	
215	46.9	25.1	65.1	





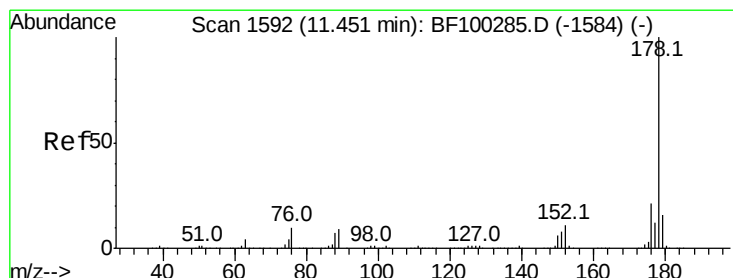
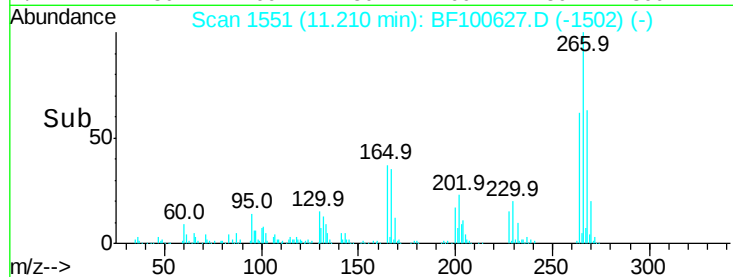
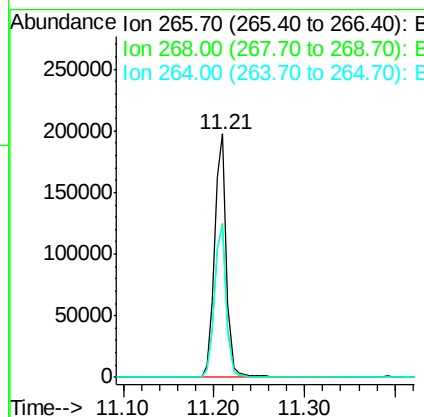
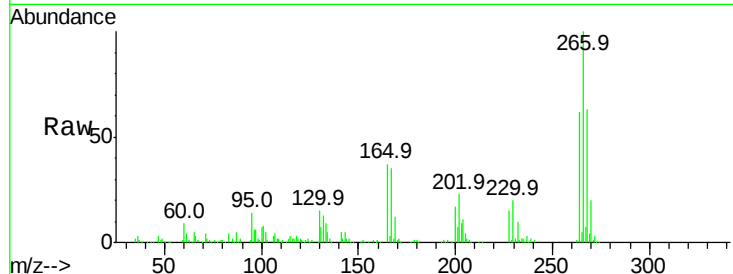
#69
 Pentachlorophenol
 Concen: 53.221 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	182248		
268	63.2	51.1	76.7	
264	62.4	49.5	74.3	

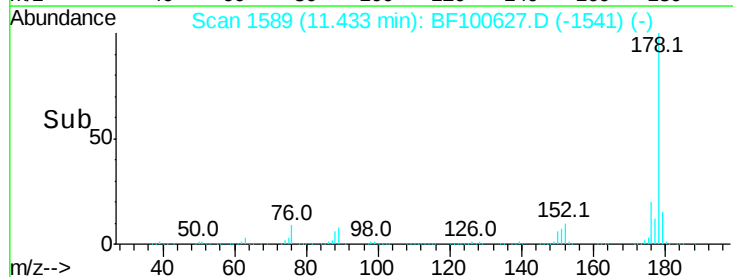
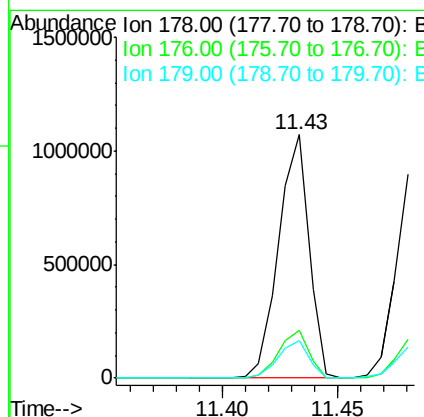
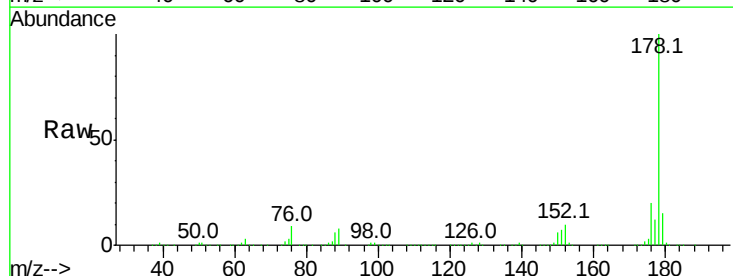
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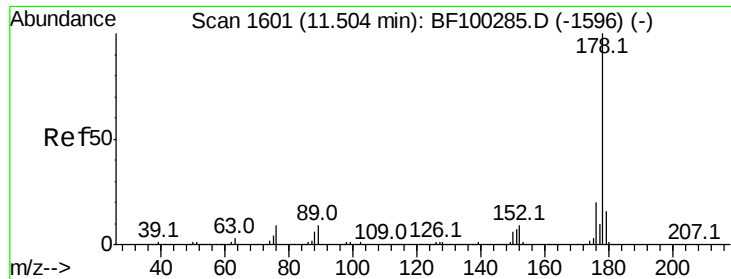
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#70
 Phenanthrene
 Concen: 43.478 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	975062		
176	19.7	15.8	23.8	
179	15.4	13.0	19.6	





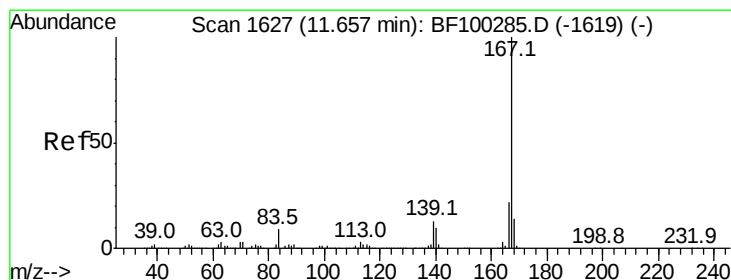
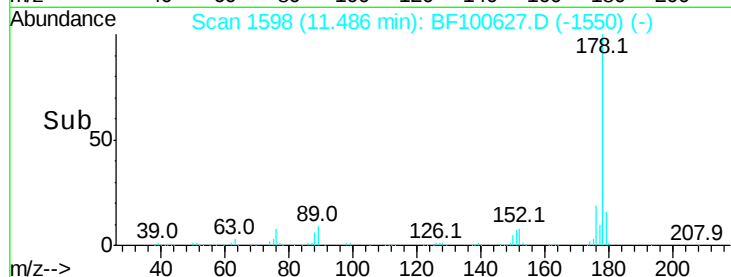
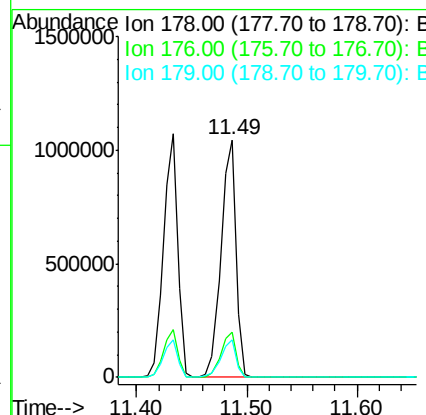
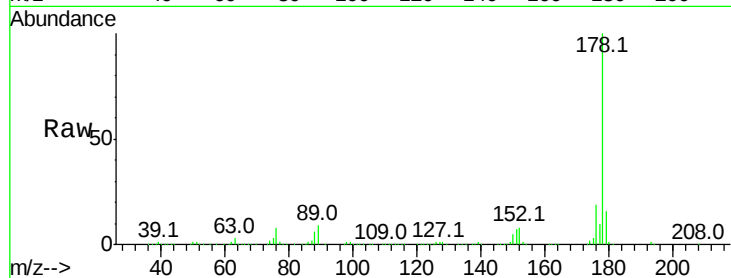
#71
 Anthracene
 Concen: 43.032 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

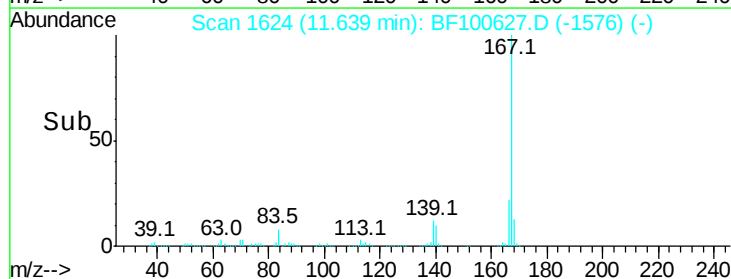
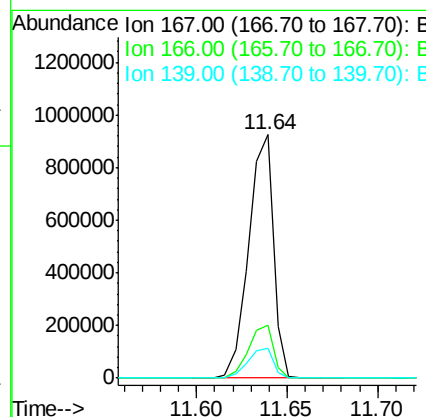
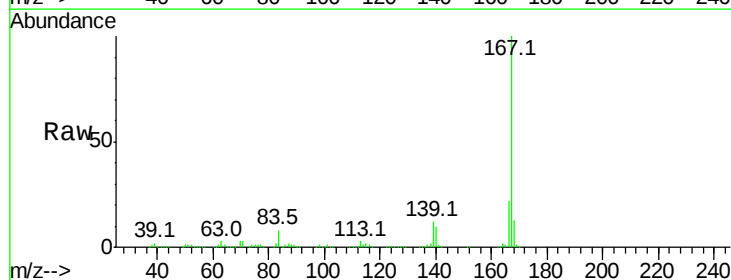
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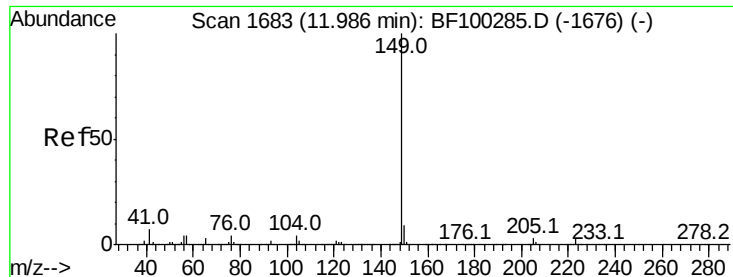
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#72
 Carbazole
 Concen: 41.898 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.447 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tot Ion:149 Resp: 1091973

Ion Ratio Lower Upper

149 100

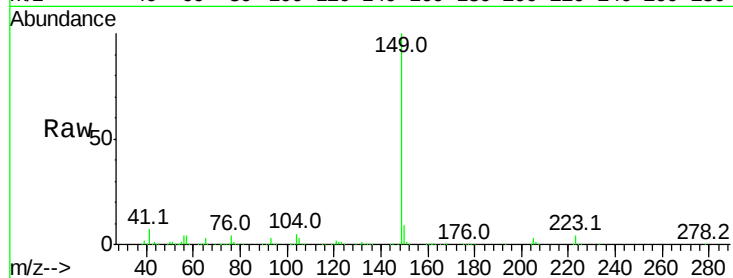
150 9.3 7.8 11.6

104 4.5 3.8 5.8

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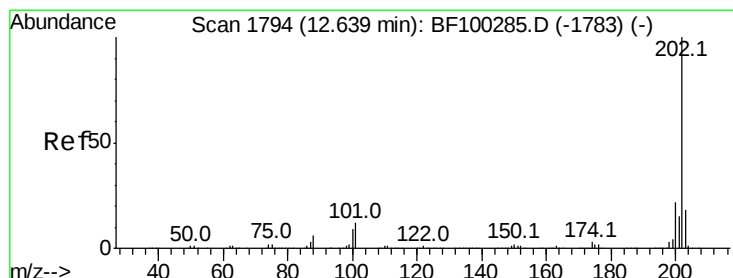
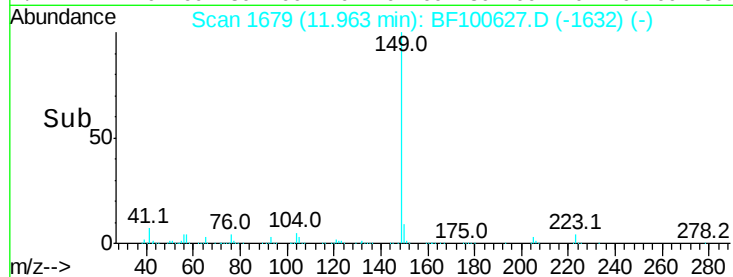
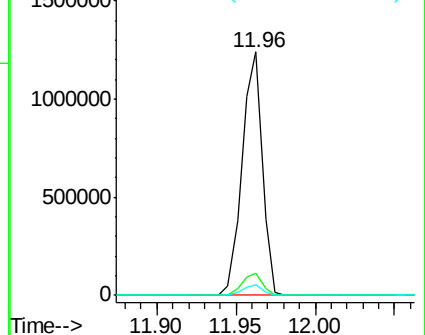
11/17/2017 1:24:37 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.753 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

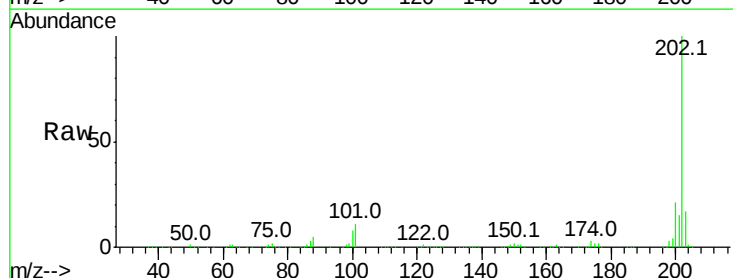
Tgt Ion:202 Resp: 992381

Ion Ratio Lower Upper

202 100

101 10.5 0.0 34.1

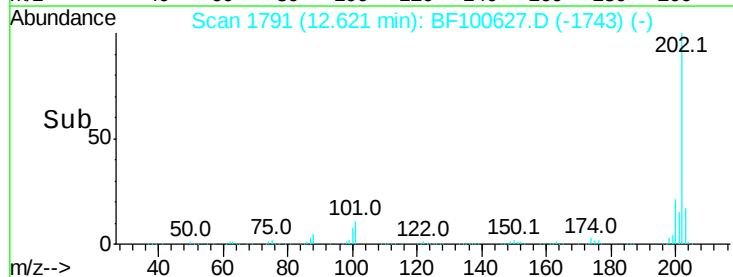
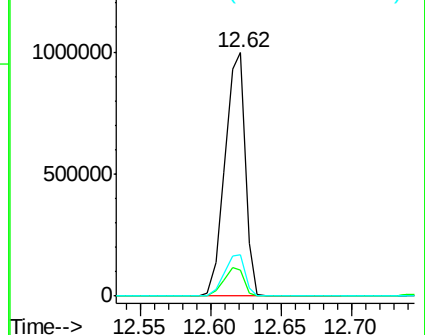
203 17.1 0.0 38.1

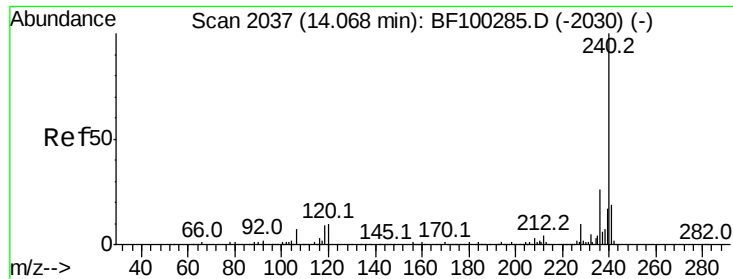


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

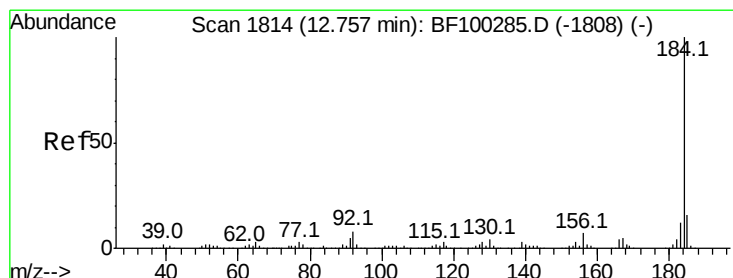
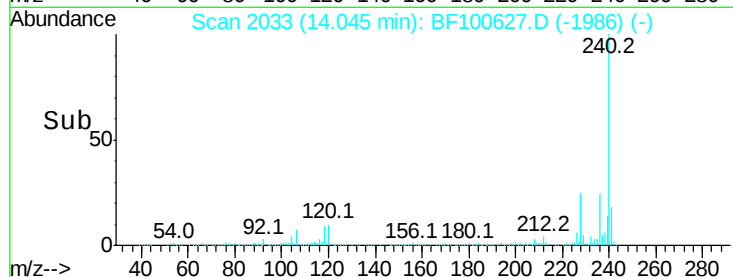
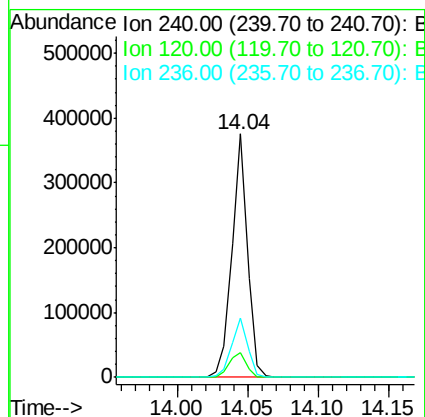
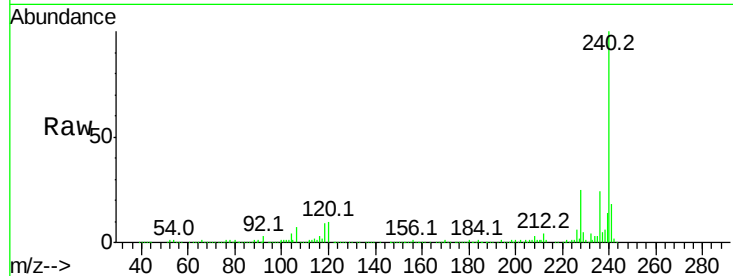
ClientSampleId :

HR-04-111317-AMS

Tot Ion:	240	Resp:	288286
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.5	14.3
236	24.3	20.7	31.1

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#76

Benzidine

Concen: 74.625 ng

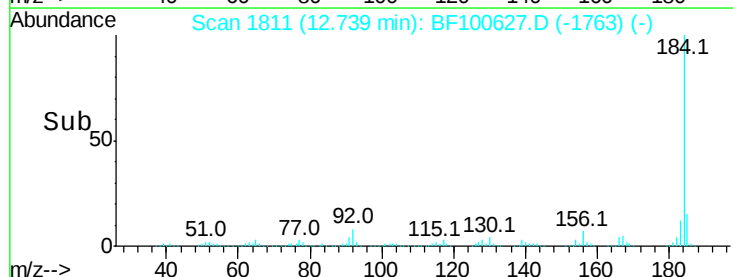
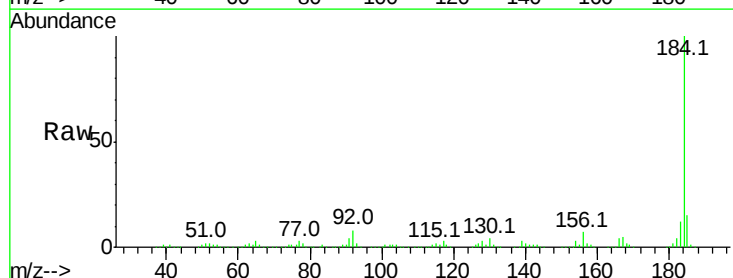
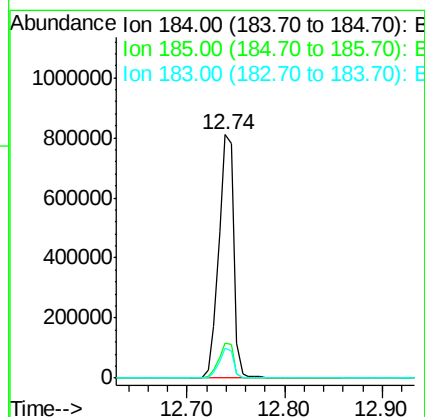
RT: 12.74 min Scan# 1811

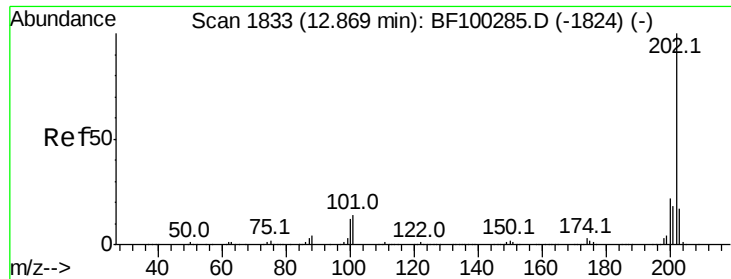
Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Tgt Ion:	184	Resp:	861561
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.3	9.3	13.9





#77

Pvrene

Concen: 49.006 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

Instrument :

BNA_F

ClientSampleId :

HR-04-111317-AMS

Tot Ion:202 Resp: 1007087

Ion Ratio Lower Upper

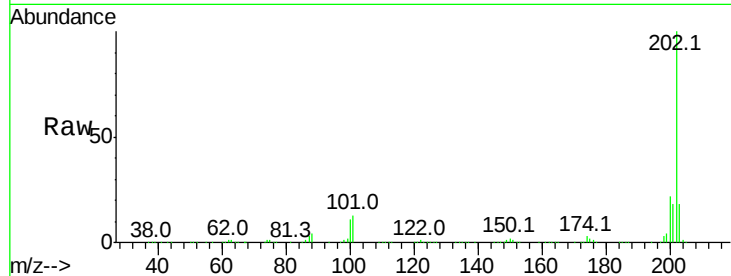
202 100

200 21.9 17.4 26.2

203 17.7 14.3 21.5

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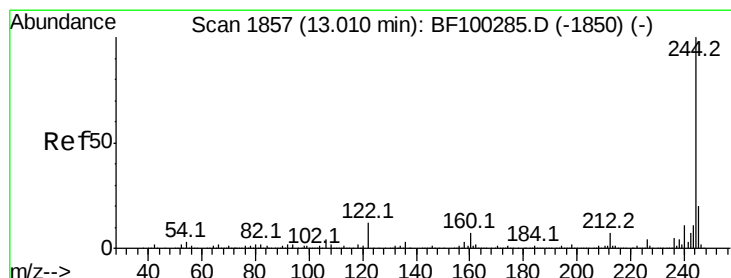
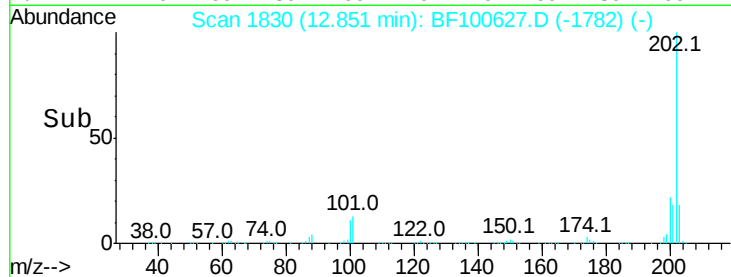
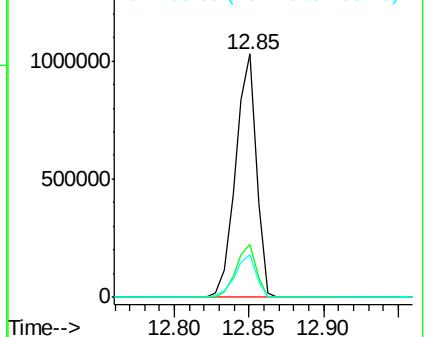
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.502 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF100627.D

Acq: 16 Nov 2017 13:43

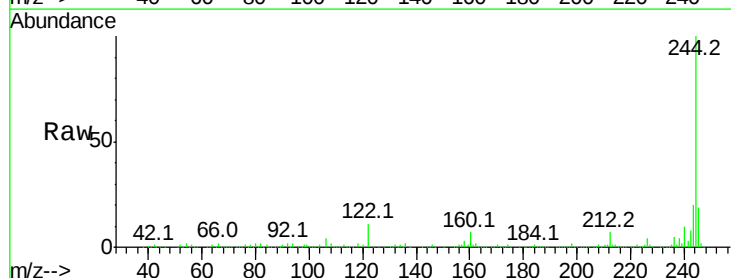
Tgt Ion:244 Resp: 1210785

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

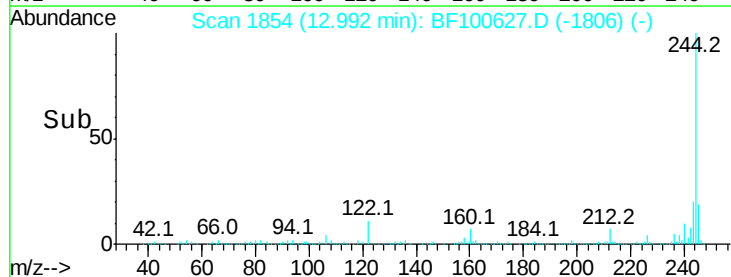
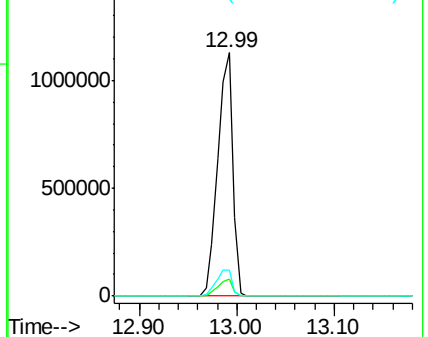
122 10.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





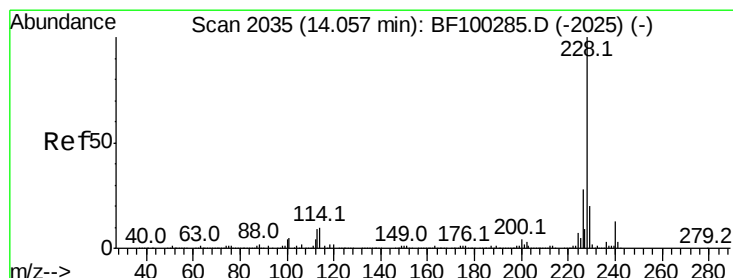
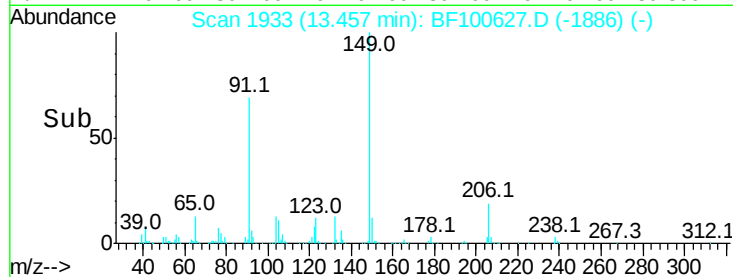
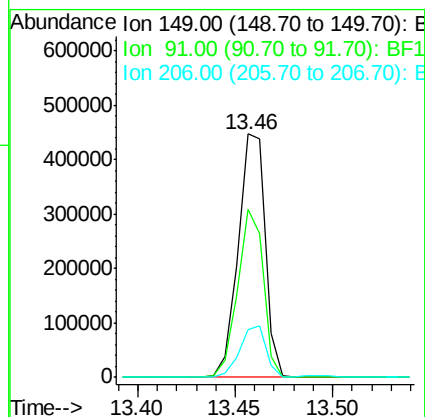
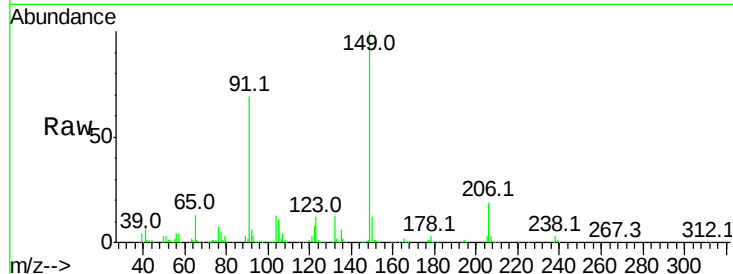
#79
Butylbenzylphthalate
Concen: 51.253 ng
RT: 13.46 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	56.8	85.2
206	19.4	14.1	21.1

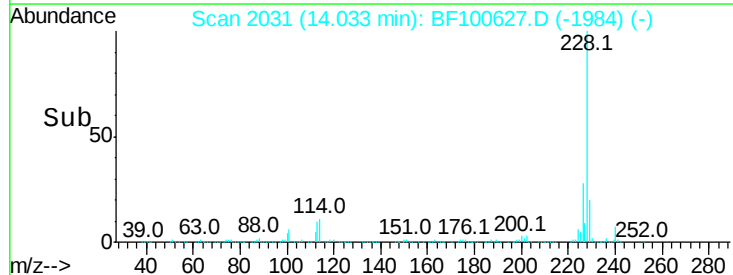
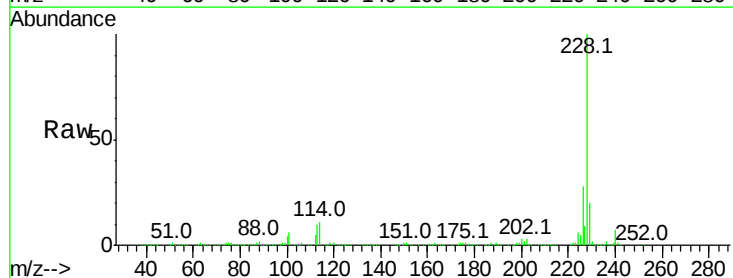
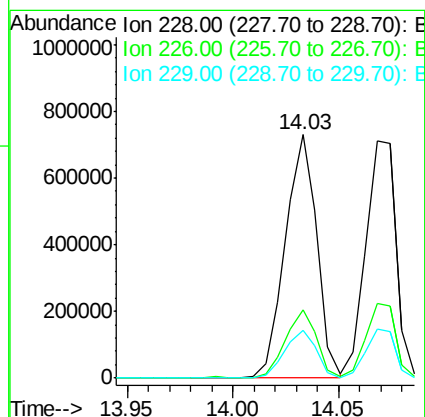
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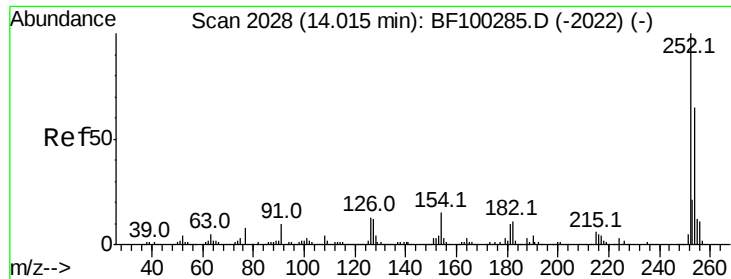
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#80
Benzo(a)anthracene
Concen: 43.843 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6





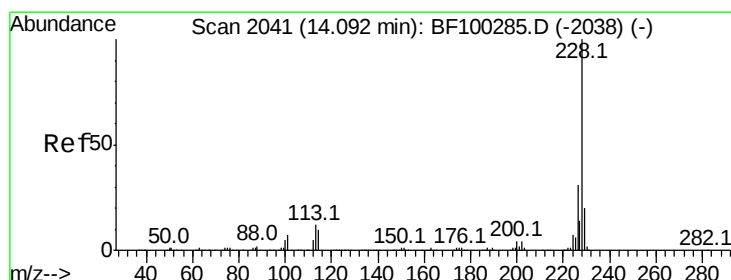
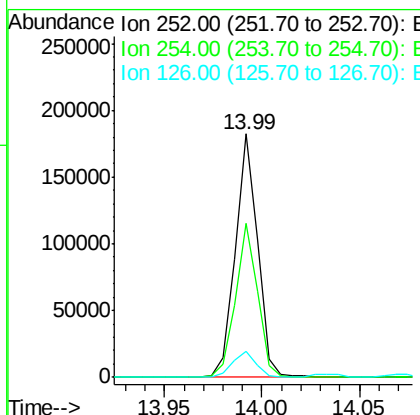
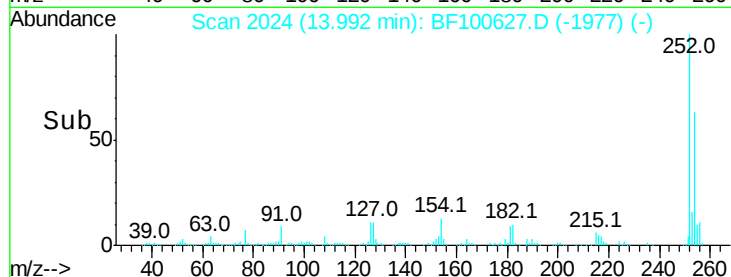
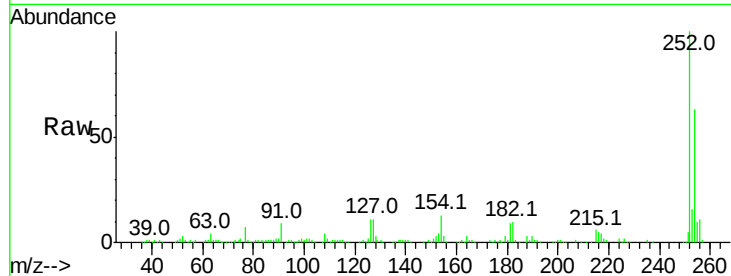
#81
 3,3'-Dichlorobenzidine
 Concen: 23.167 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.2	50.4	75.6
126	10.7	11.3	16.9

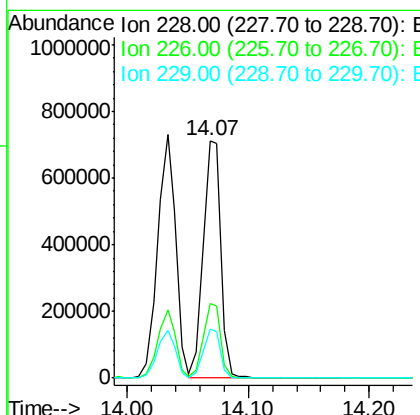
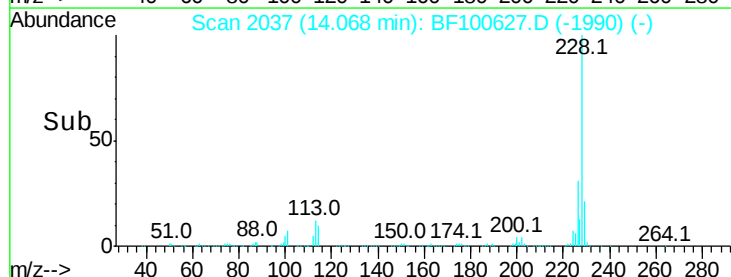
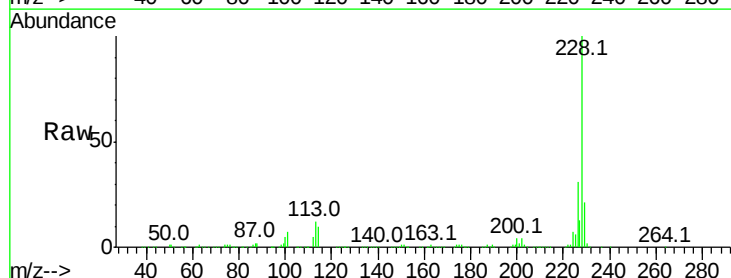
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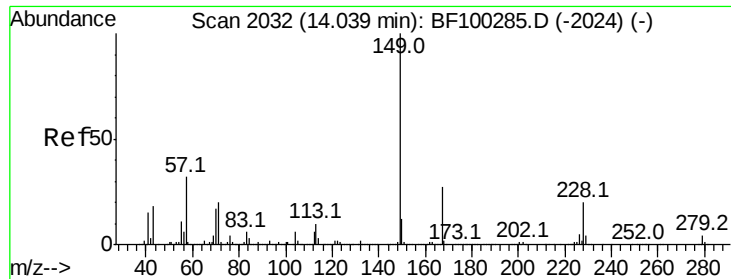
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#82
 Chrysene
 Concen: 42.607 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.4





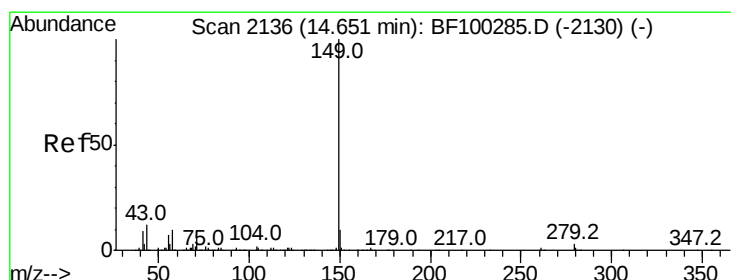
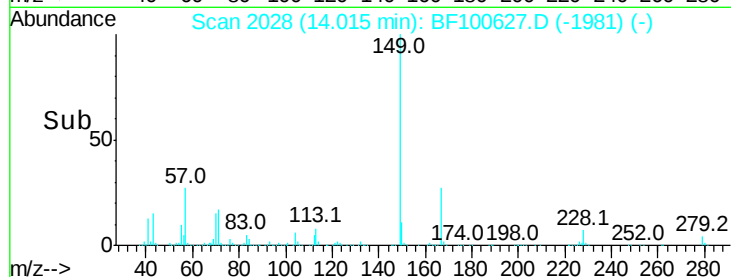
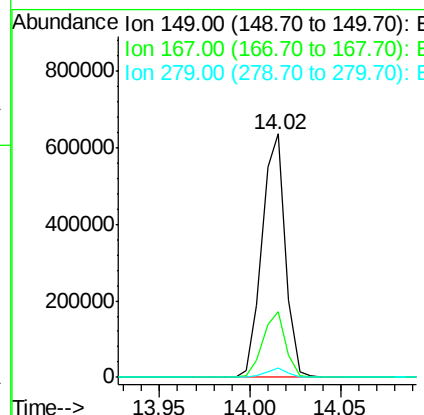
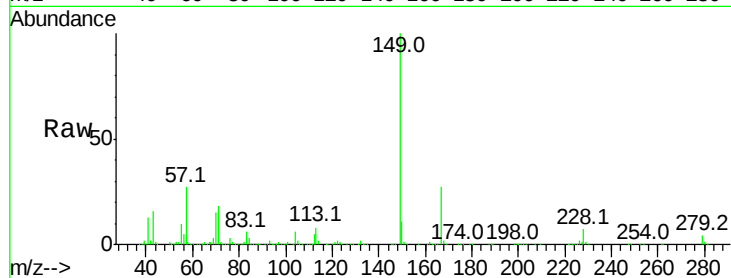
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.721 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	570095		
167	27.1		21.3	31.9
279	3.8		3.0	4.4

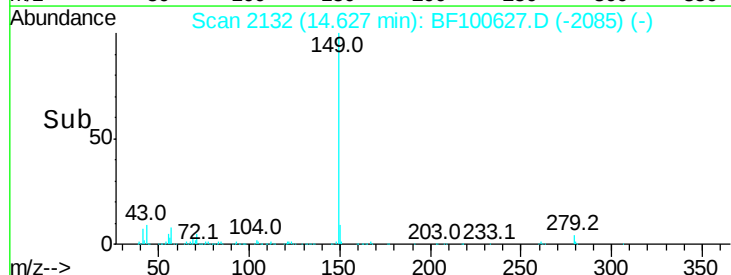
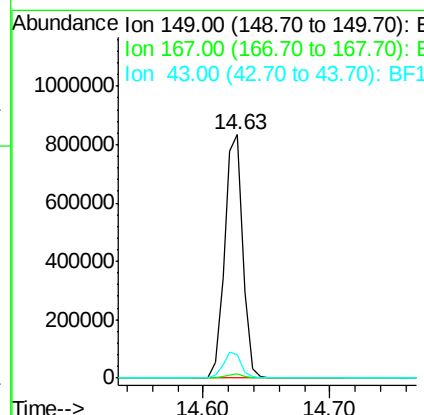
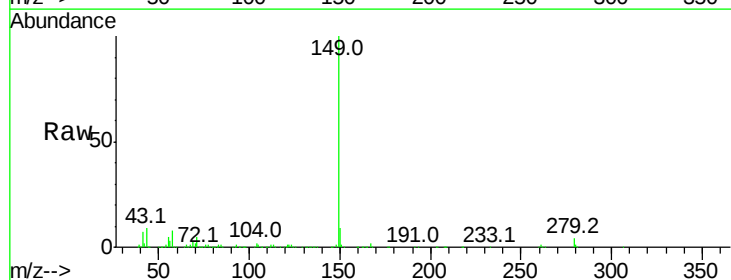
Manual Integrations
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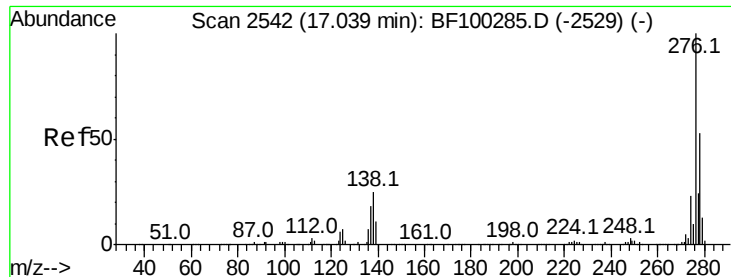
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#84
 Di-n-octyl phthalate
 Concen: 43.843 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. -0.02 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	830199		
167	1.6		1.2	1.8
43	10.2		8.4	12.6





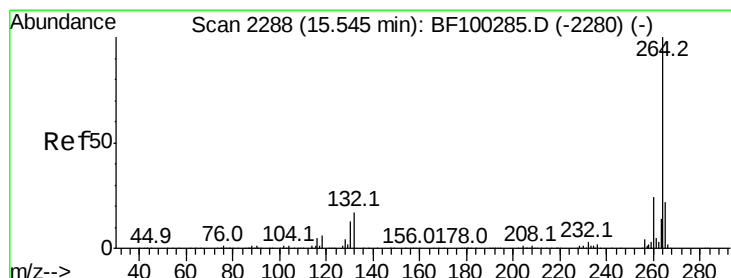
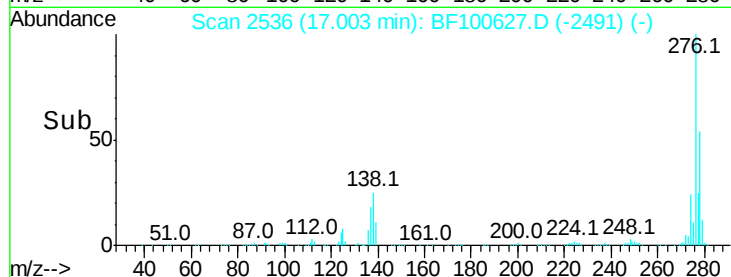
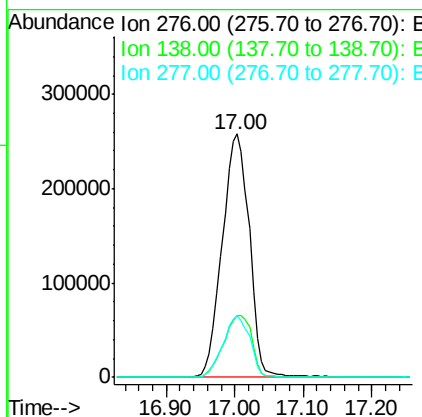
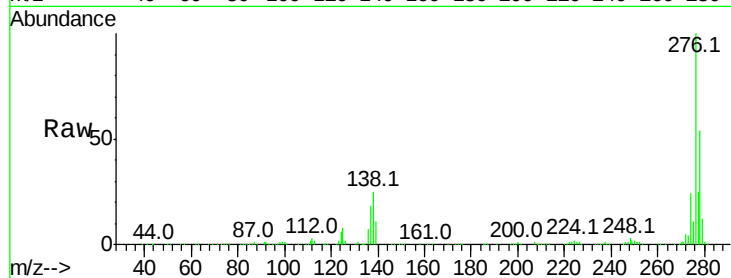
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.939 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.04 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	25.3	20.1	30.1

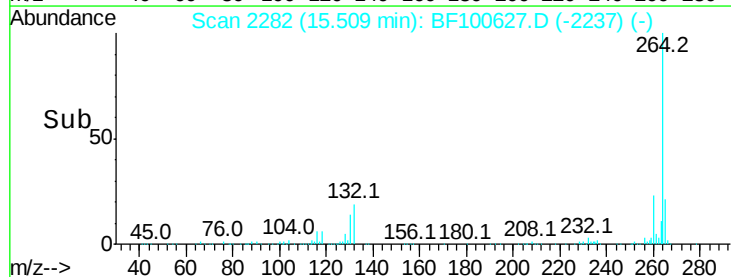
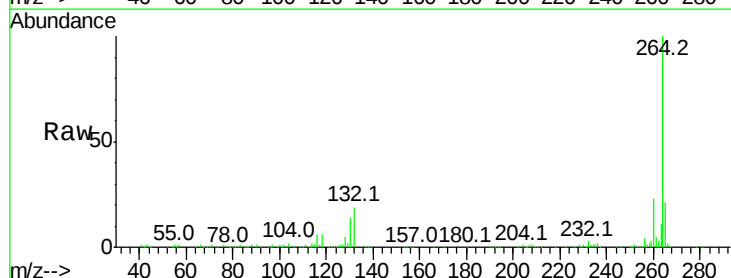
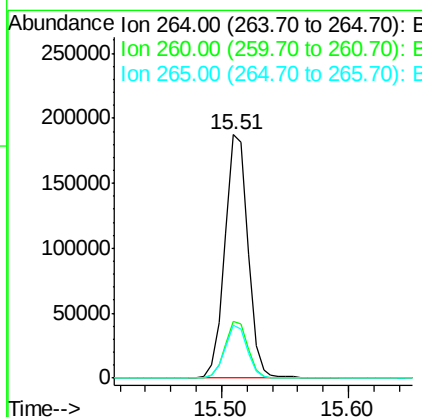
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.04 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3





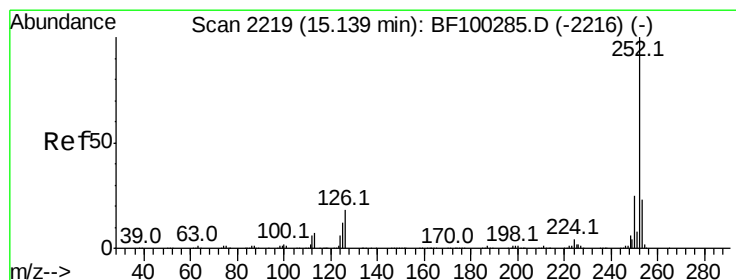
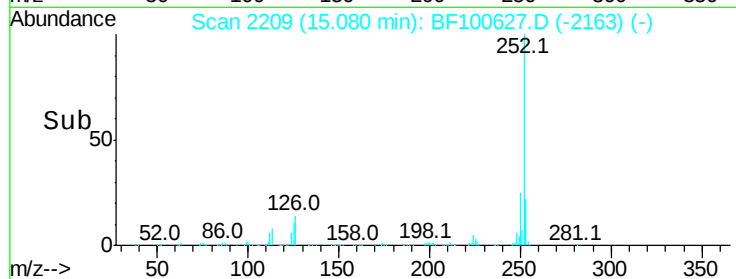
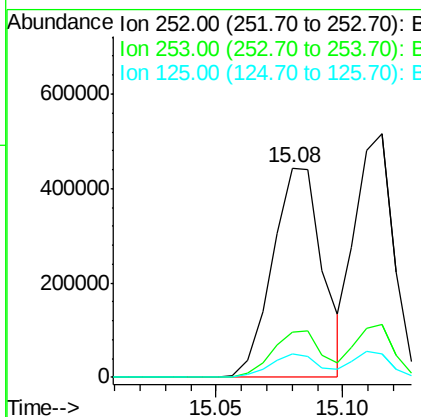
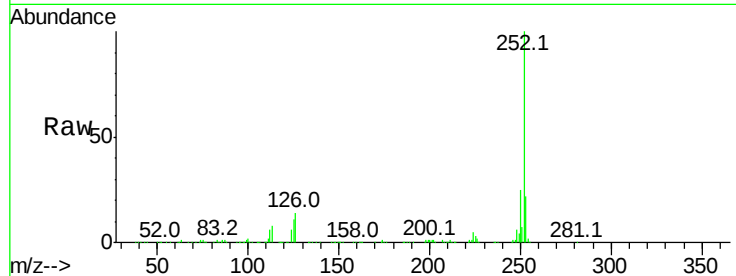
#87
Benzo(b)fluoranthene
Concen: 43.655 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.2	9.0	13.6

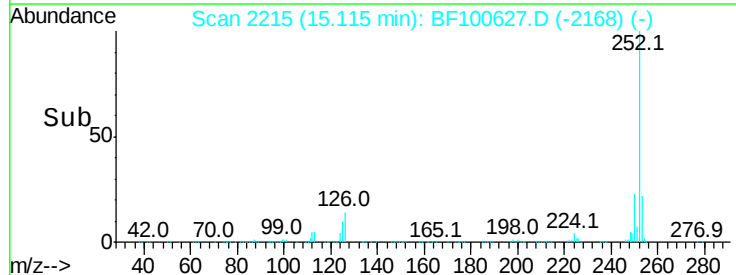
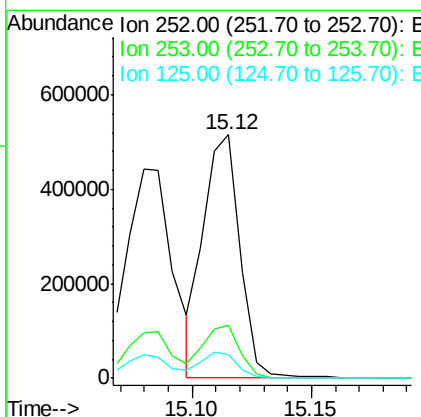
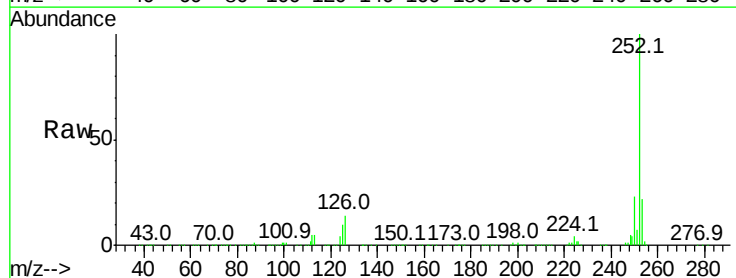
Manual Integrations
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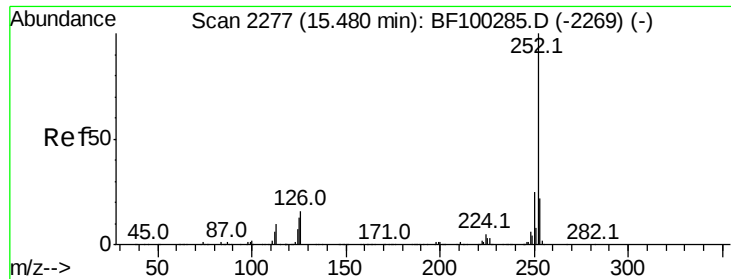
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#88
Benzo(k)fluoranthene
Concen: 41.497 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	9.7	10.2	15.2#





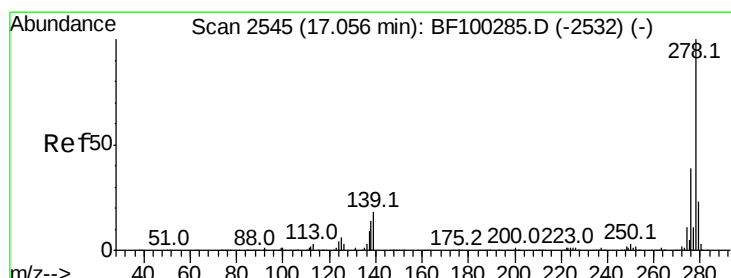
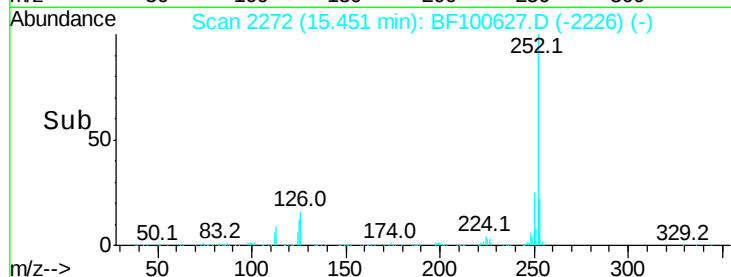
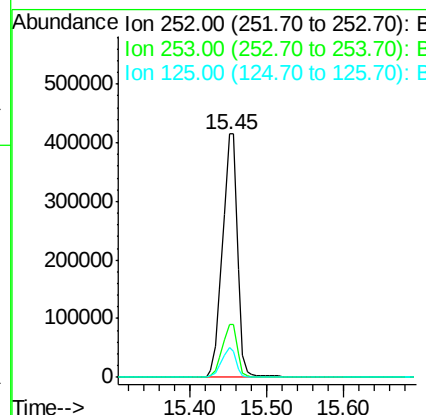
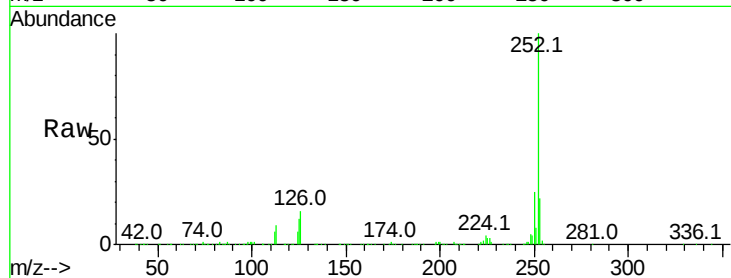
#89
Benzo(a)pyrene
Concen: 45.040 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.03 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Instrument :
BNA_F
ClientSampleId :
HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.3	9.8	14.6

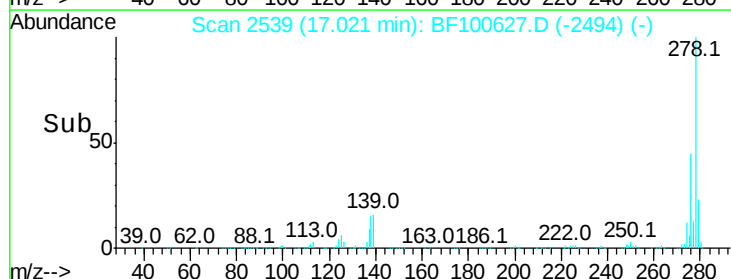
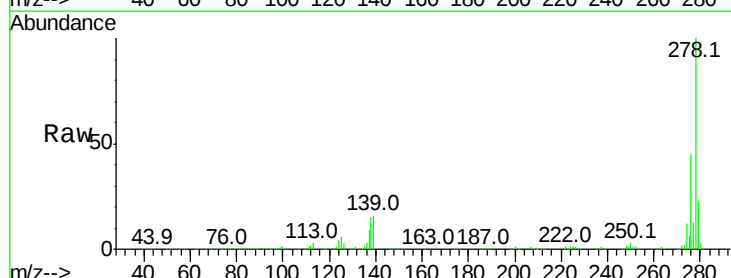
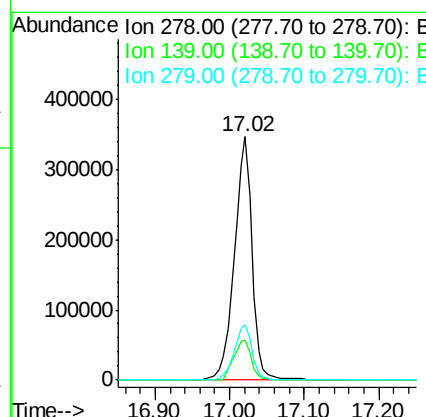
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#90
Dibenzo(a,h)anthracene
Concen: 56.932 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF100627.D
Acq: 16 Nov 2017 13:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	23.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 63.030 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BF100627.D
 Acq: 16 Nov 2017 13:43

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-111317-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	22.9	21.8	32.8

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