

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100401.D
 Acq On : 10 Nov 2017 19:50
 Operator : SJ/JU
 Sample : I6367-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Manual Integrations
 APPROVED

SOHIL

11/13/2017 4:43:25 PM

Quant Time: Nov 10 22:55:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	171151	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	653978	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	271812	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	430911	20.00	ng	0.00
75) Chrysene-d12	14.07	240	332486	20.00	ng	0.00
86) Perylene-d12	15.57	264	256531	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1006528	94.27	ng	0.01
7) Phenol-d6	6.53	99	1245755	94.62	ng	0.00
23) Nitrobenzene-d5	7.47	82	777747	78.63	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	242128	87.42	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1322462	74.09	ng	0.00
78) Terphenyl-d14	13.01	244	953410	65.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	142971	27.477	ng	94
3) Pyridine	3.77	79	352716m	24.847	ng	
4) n-Nitrosodimethylamine	3.47	42	216991	31.483	ng	95
6) Aniline	6.64	93	394104	21.188	ng	# 53
8) 2-Chlorophenol	6.69	128	372791	33.004	ng	100
9) Benzaldehyde	6.46	77	214914	22.857	ng	96
10) Phenol	6.55	94	476706	34.490	ng	96
11) bis(2-Chloroethyl)ether	6.64	93	394104	33.946	ng	95
12) 1,3-Dichlorobenzene	6.85	146	421579	32.373	ng	99
13) 1,4-Dichlorobenzene	6.92	146	427335	32.422	ng	98
14) 1,2-Dichlorobenzene	7.07	146	395198	32.429	ng	99
15) Benzyl Alcohol	7.05	79	326711	31.795	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	670941	36.134	ng	99
17) 2-Methylphenol	7.15	107	310501	32.168	ng	99
18) Hexachloroethane	7.42	117	113538	26.126	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	265173	29.042	ng	95
20) 3+4-Methylphenols	7.30	107	371492	30.414	ng	# 84
22) Acetophenone	7.31	105	508296	31.874	ng	# 91
24) Nitrobenzene	7.49	77	398074	39.099	ng	99
25) Isophorone	7.72	82	720115	34.643	ng	99
26) 2-Nitrophenol	7.80	139	158348	34.834	ng	97
27) 2,4-Dimethylphenol	7.83	122	309777	33.244	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	469503	34.530	ng	99
29) 2,4-Dichlorophenol	8.04	162	308967	34.732	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	325371	33.814	ng	94
31) Naphthalene	8.21	128	1037135	32.926	ng	100
32) Benzoic acid	7.92	122	79237	18.307	ng	96
33) 4-Chloroaniline	8.29	127	231829	17.681	ng	98
34) Hexachlorobutadiene	8.32	225	188720	32.986	ng	99
35) Caprolactam	8.62	113	90135	29.525	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	301137	31.520	ng	99
37) 2-Methylnaphthalene	8.90	142	683492	32.684	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	311713	34.579	ng	96
40) Hexachlorocyclopentadiene	9.05	237	51044	12.031	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	208313	36.461	nq	98
43) 2,4,5-Trichlorophenol	9.22	196	210293	35.526	nq	91
45) 1,1'-Biphenyl	9.36	154	779270	33.148	nq	99
46) 2-Chloronaphthalene	9.39	162	604554	35.448	nq	97
47) 2-Nitroaniline	9.48	65	201015	40.359	nq	94
48) Acenaphthylene	9.80	152	881612	31.192	nq	99
49) Dimethylphthalate	9.66	163	755572	36.407	nq	98
50) 2,6-Dinitrotoluene	9.72	165	135635	33.017	nq	97
51) Acenaphthene	9.97	154	517849	30.126	nq	99
52) 3-Nitroaniline	9.89	138	115920	23.897	nq	97
53) 2,4-Dinitrophenol	9.99	184	6414	12.616	nq #	25
54) Dibenzofuran	10.15	168	778628	32.319	nq	99
55) 4-Nitrophenol	10.05	139	212520	53.955	nq	96
56) 2,4-Dinitrotoluene	10.12	165	161998	31.259	nq	94
57) Fluorene	10.49	166	561428	31.810	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	155016	31.953	nq	89
59) Diethylphthalate	10.36	149	676795	32.588	nq	96
60) 4-Chlorophenyl-phenylether	10.48	204	283221	32.712	nq	92
61) 4-Nitroaniline	10.50	138	95823	20.832	nq	94
62) Azobenzene	10.64	77	643898	32.919	nq	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	6661	11.085	nq	94
65) n-Nitrosodiphenylamine	10.60	169	512695	34.218	nq	97
66) 4-Bromophenyl-phenylether	10.97	248	174978	37.880	nq	91
67) Hexachlorobenzene	11.04	284	163083	33.756	nq #	86
68) Atrazine	11.12	200	139874	30.840	nq	97
69) Pentachlorophenol	11.23	266	186284	53.773	nq	99
70) Phenanthrene	11.45	178	748787	33.004	nq	100
71) Anthracene	11.50	178	766553	33.302	nq	100
72) Carbazole	11.66	167	636554	29.971	nq	99
73) Di-n-butylphthalate	11.99	149	920749	37.045	nq	99
74) Fluoranthene	12.64	202	774474	32.209	nq	98
77) Pyrene	12.87	202	803572	33.905	nq	98
79) Butylbenzylphthalate	13.49	149	1173319	121.391	nq	99
80) Benzo(a)anthracene	14.06	228	653983	32.663	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	77331	10.780	nq	97
82) Chrysene	14.10	228	652179	33.637	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	964586	75.877	nq	100
84) Di-n-octyl phthalate	14.64	149	1339668	61.342	nq #	47
85) Indeno(1,2,3-cd)pyrene	17.06	276	454654	28.991	nq	95
87) Benzo(b)fluoranthene	15.13	252	497024	32.703	nq	99
88) Benzo(k)fluoranthene	15.16	252	460612	32.076	nq	98
89) Benzo(a)pyrene	15.50	252	464929	34.507	nq	99
90) Dibenzo(a,h)anthracene	17.07	278	370150	33.592	nq	96
91) Benzo(g,h,i)perylene	17.51	276	373172	34.597	nq	96

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

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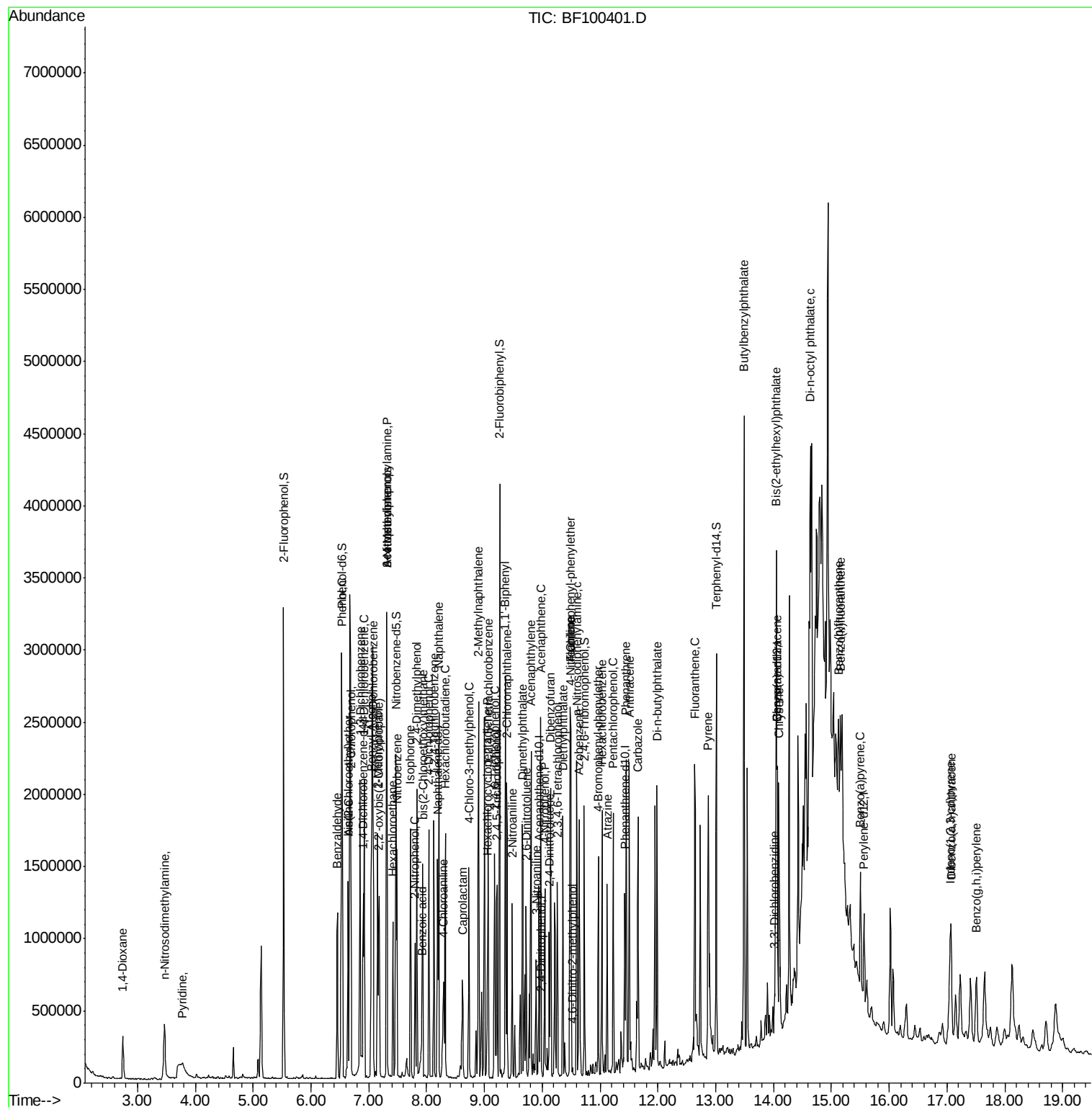
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

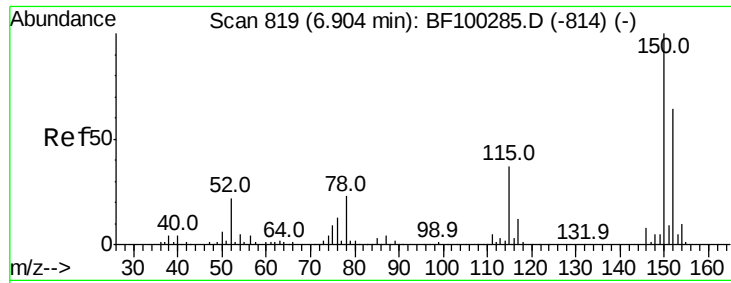
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

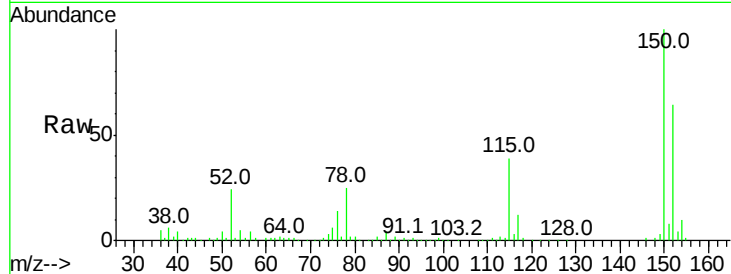
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.5	50.1	75.1

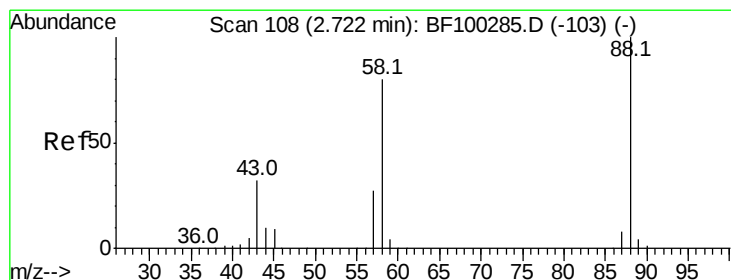
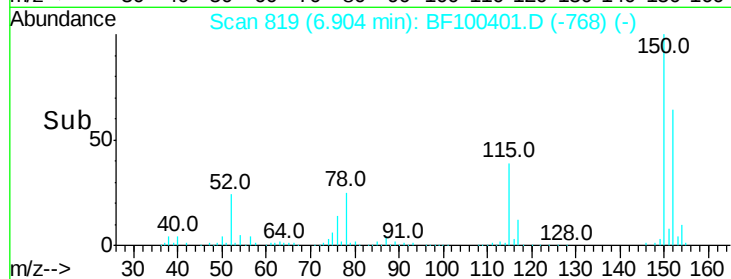
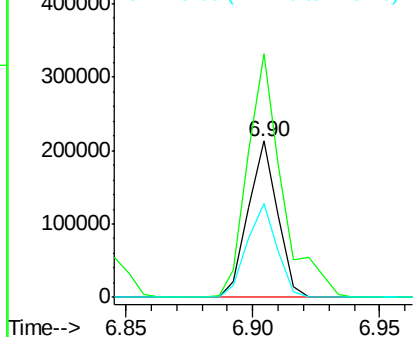
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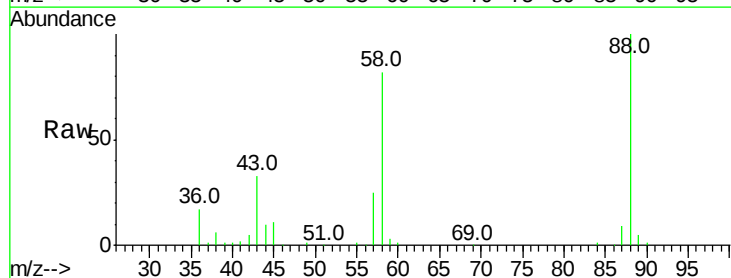
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



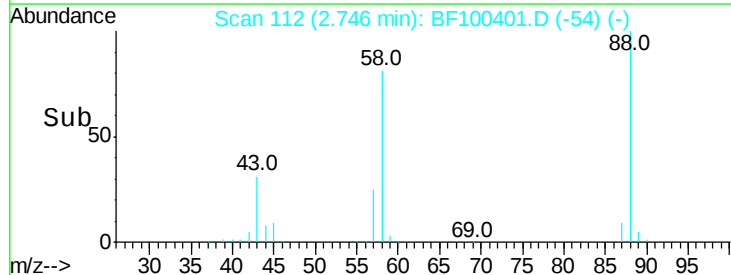
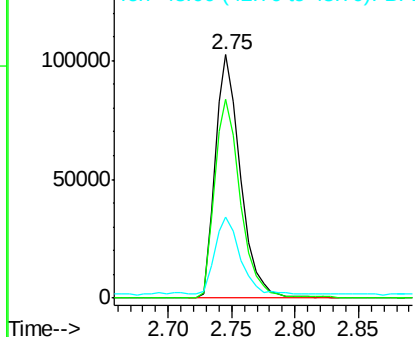
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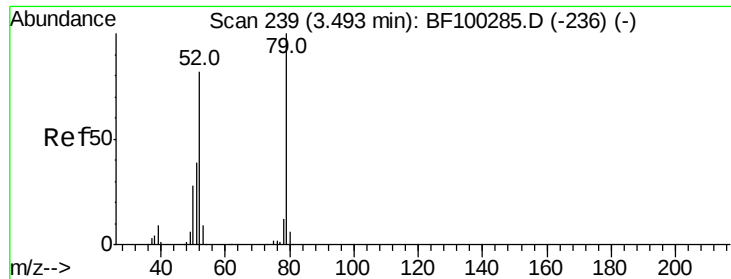
1,4-Dioxane
Concen: 27.477 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	62.6	93.8
43	32.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3
 Pvridine
 Concen: 24.847 ng/ml
 RT: 3.77 min Scan# 287
 Delta R.T. 0.29 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

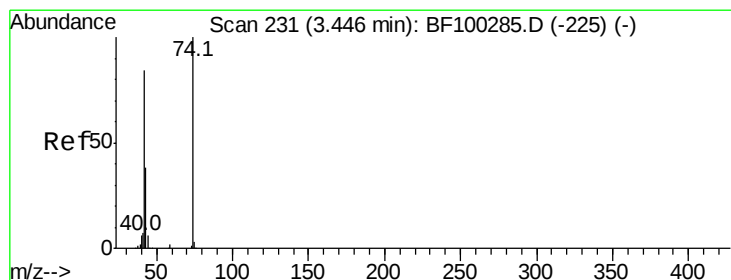
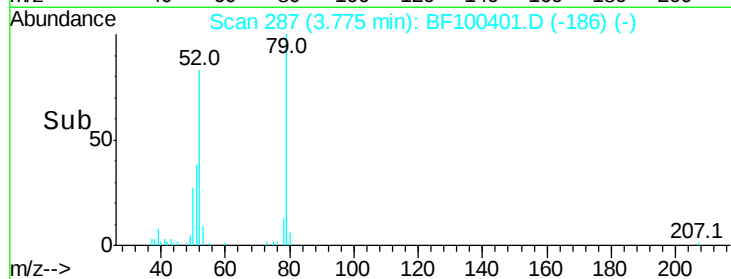
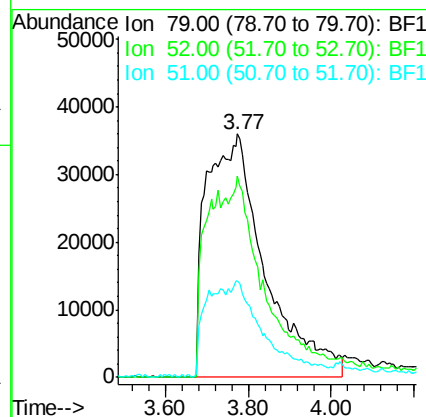
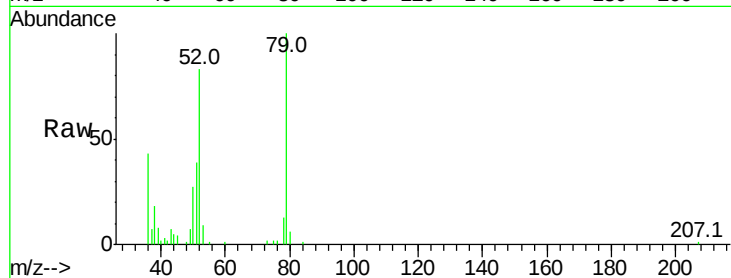
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion:	79	Resp:	352716
Ion Ratio	Lower	Upper	
79	100		
52	82.8	59.8	89.6
51	39.3	29.8	44.8

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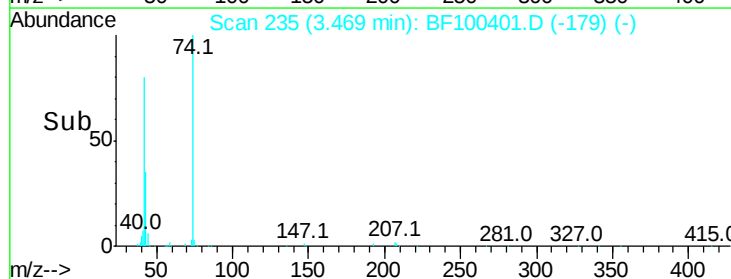
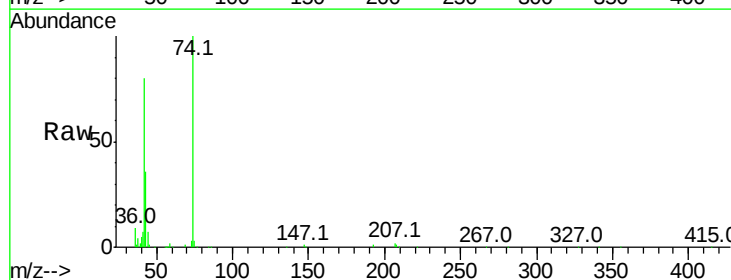
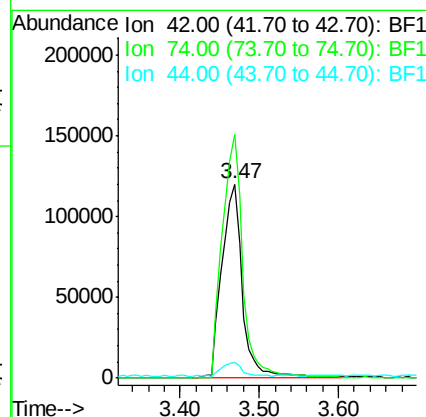
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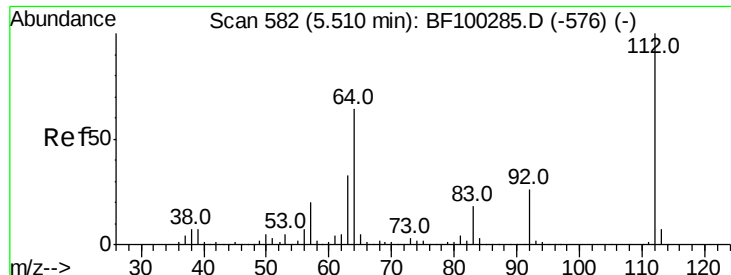
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#4
 n-Nitrosodimethylamine
 Concen: 31.483 ng/ml
 RT: 3.47 min Scan# 235
 Delta R.T. 0.03 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion:	42	Resp:	216991
Ion Ratio	Lower	Upper	
42	100		
74	125.4	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 94.271 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MSD

Tot Ion: 112 Resp: 1006528

Ion Ratio Lower Upper

112 100

64 63.2 47.9 71.9

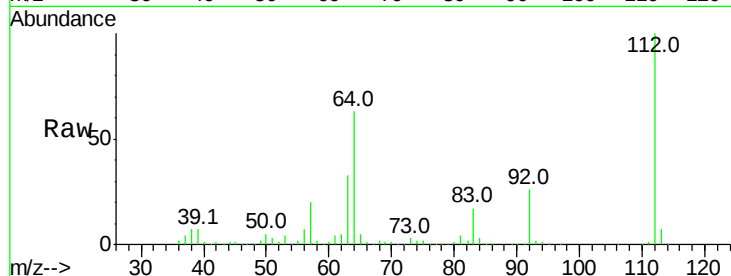
63 33.1 23.7 35.5

Manual Integrations

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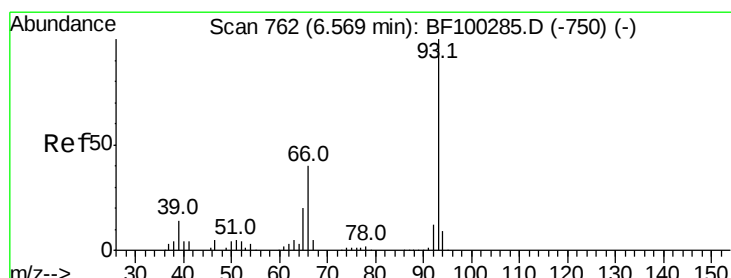
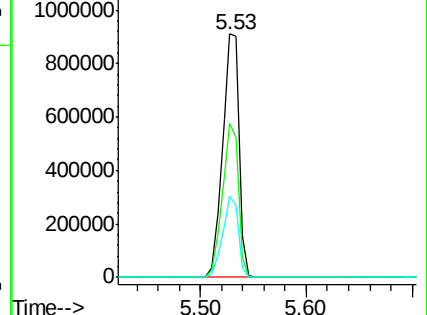
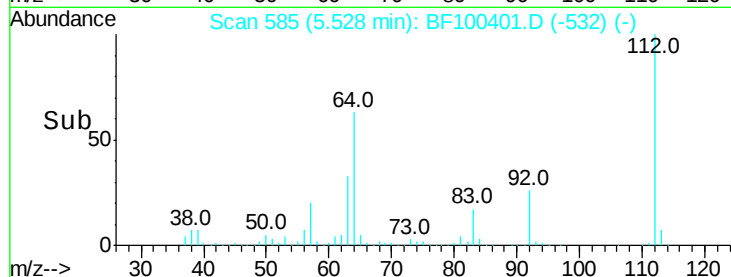
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.188 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.07 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

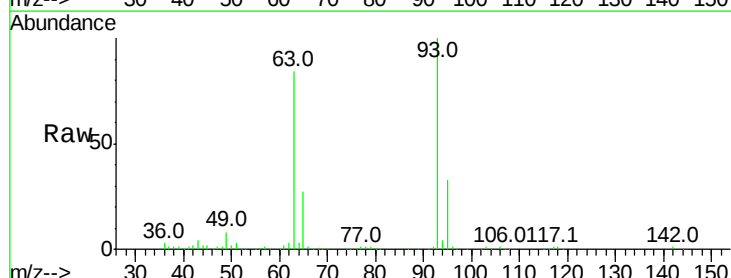
Tgt Ion: 93 Resp: 394104

Ion Ratio Lower Upper

93 100

66 0.9 32.2 48.2#

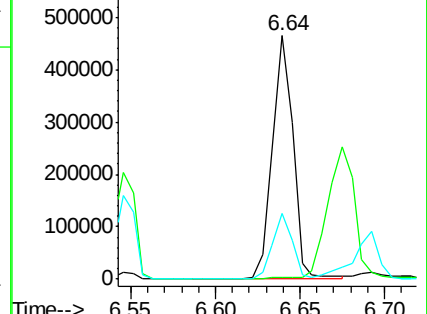
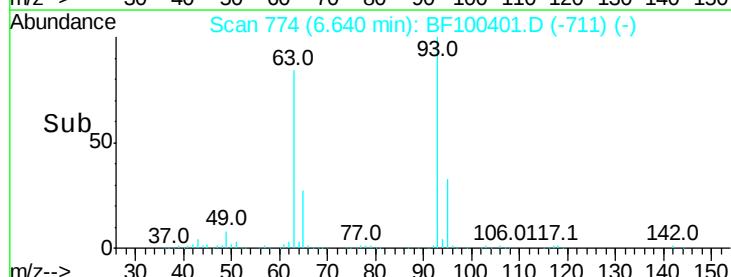
65 27.0 16.4 24.6#



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





#7

Phenol-d6

Concen: 94.618 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

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P002-S001-0001-01MSD

Tot Ion: 99 Resp: 1245755

Ion Ratio Lower Upper

99 100

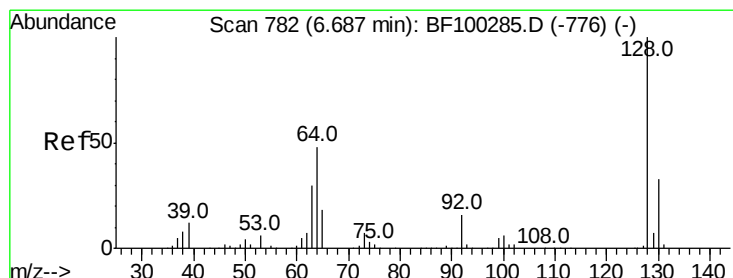
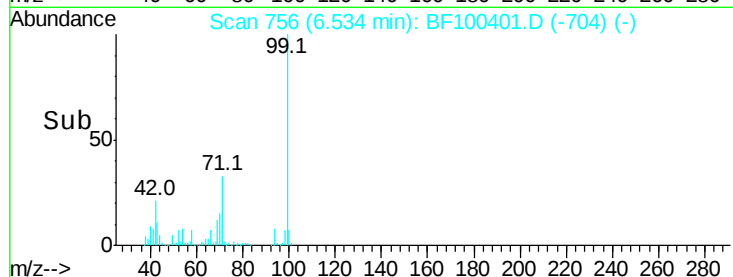
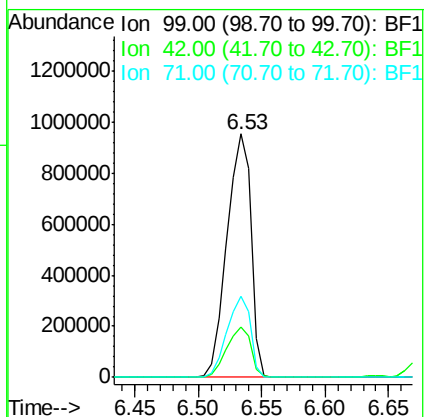
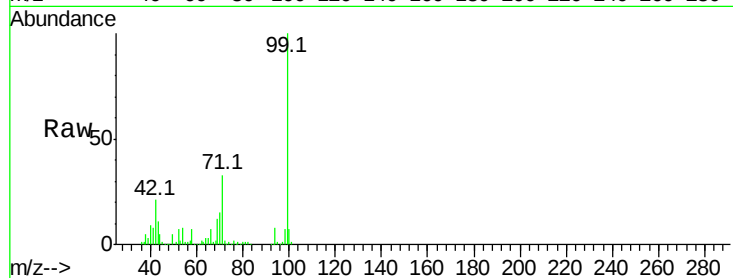
42 20.9 14.5 21.7

71 33.5 25.4 38.0

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#8

2-Chlorophenol

Concen: 33.004 ng

RT: 6.69 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

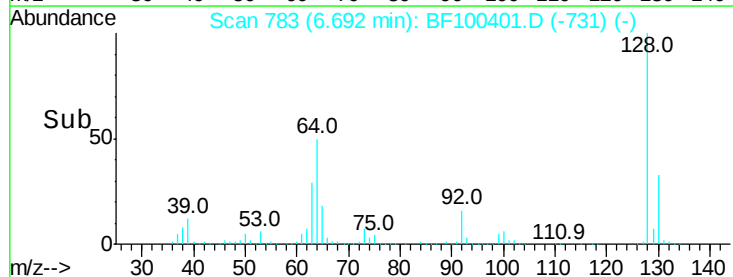
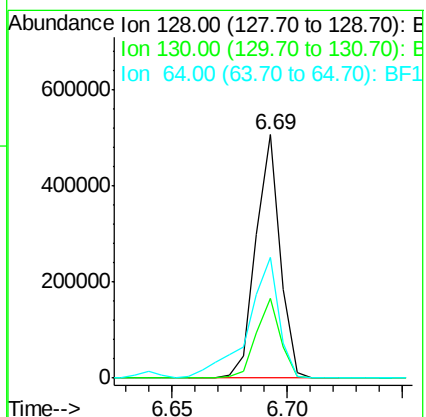
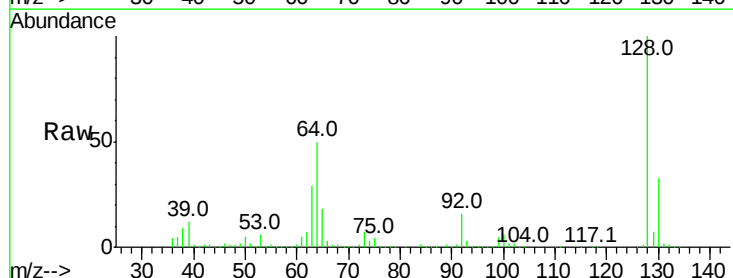
Tgt Ion: 128 Resp: 372791

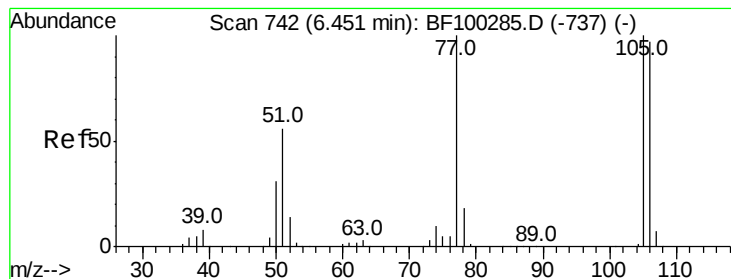
Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

64 49.7 29.4 69.4





#9

Benzaldehyde

Concen: 22.857 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

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ClientSampleId :

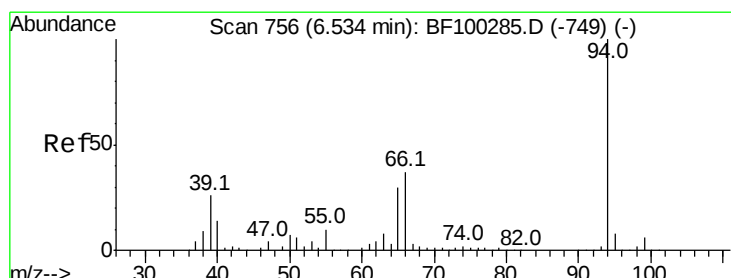
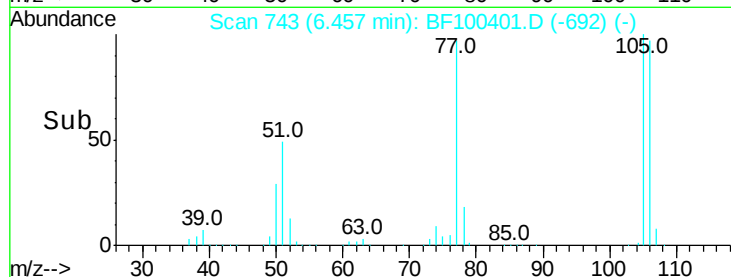
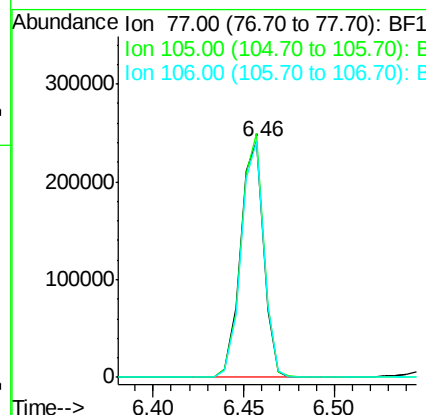
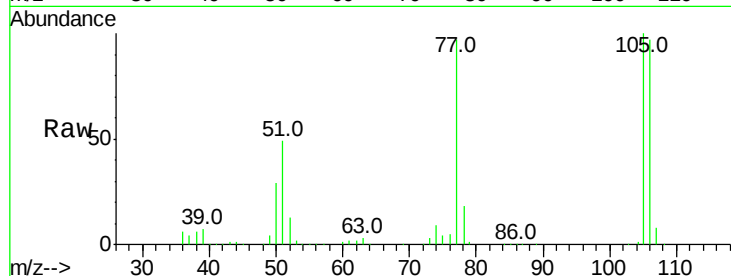
P002-S001-0001-01MSD

Tot Ion:	77	Resp:	214914
Ion Ratio	Lower	Upper	
77	100		
105	103.2	81.1	121.1
106	99.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.490 ng

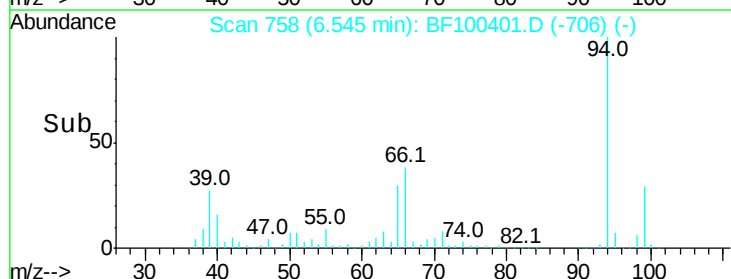
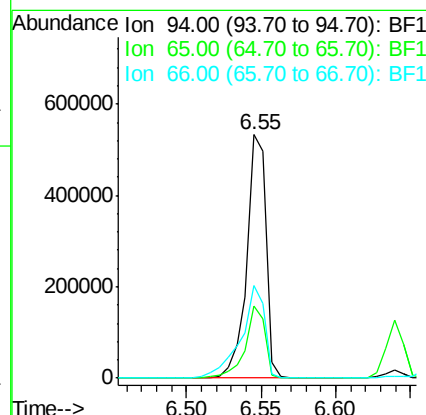
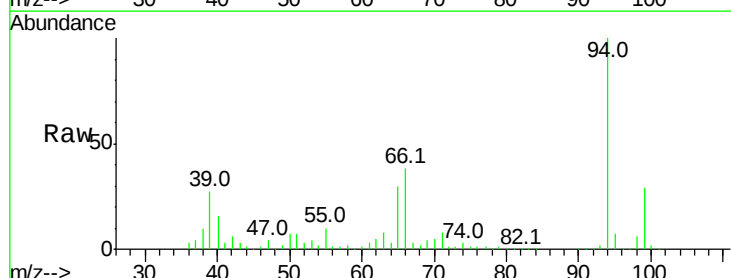
RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	94	Resp:	476706
Ion Ratio	Lower	Upper	
94	100		
65	29.8	7.9	47.9
66	38.2	16.2	56.2





#11
bis(2-Chloroethyl)ether
Concen: 33.946 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

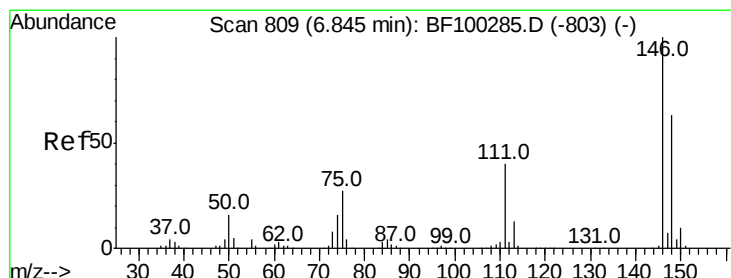
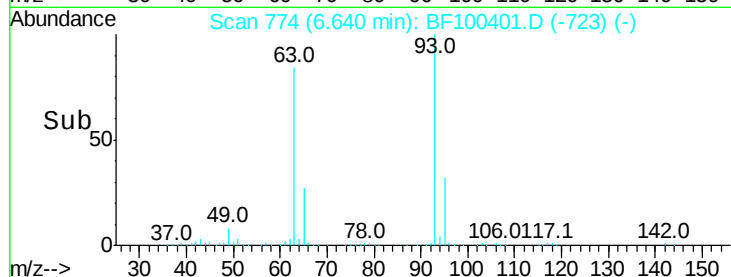
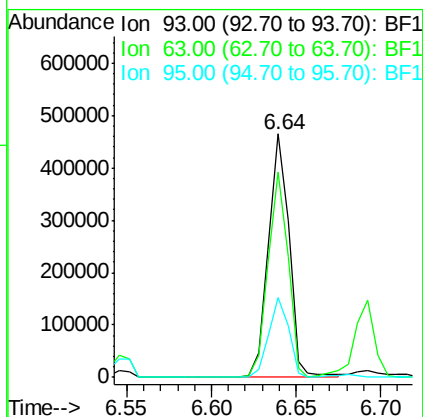
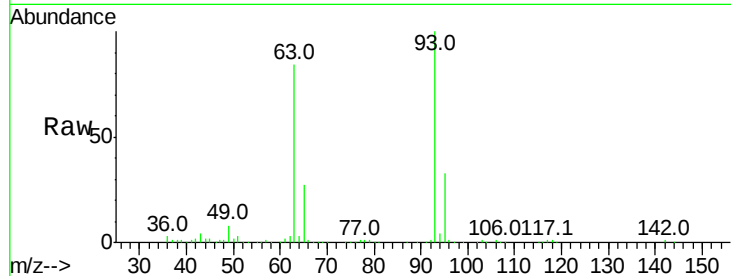
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.2	58.6	98.6
95	32.6	11.8	51.8

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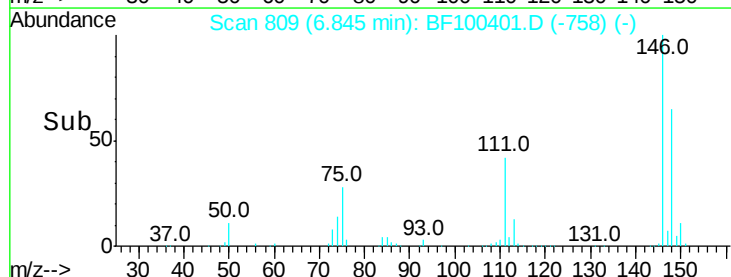
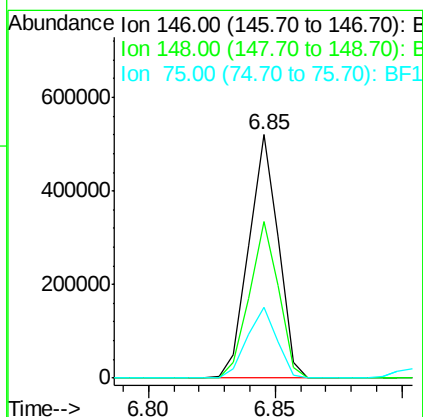
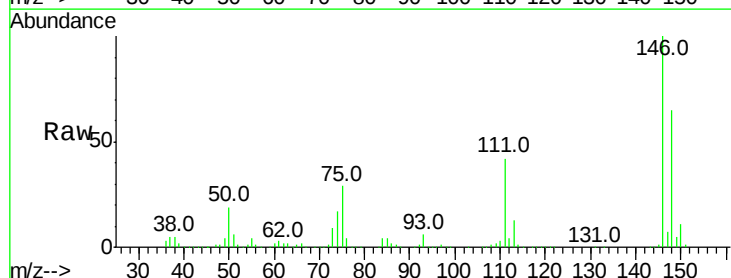
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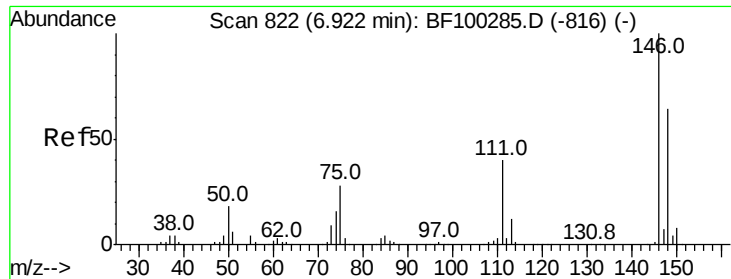
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#12
1,3-Dichlorobenzene
Concen: 32.373 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	29.3	24.2	36.4





#13
 1,4-Dichlorobenzene
 Concen: 32.422 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

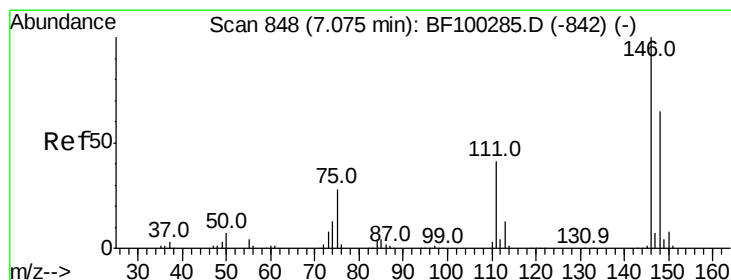
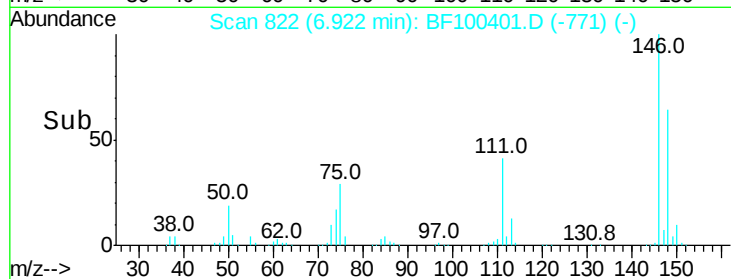
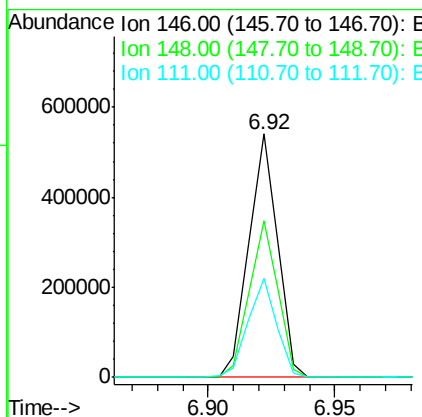
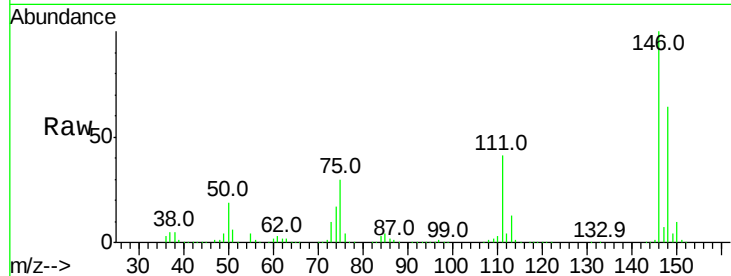
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	40.6	34.2	51.2

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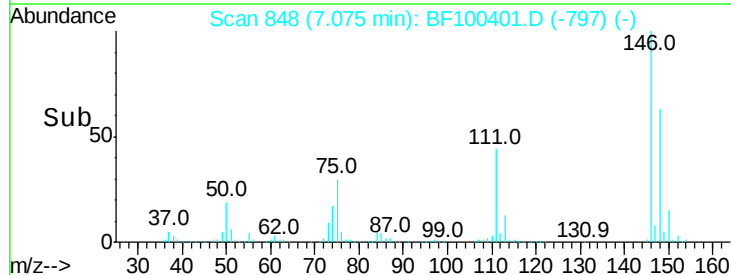
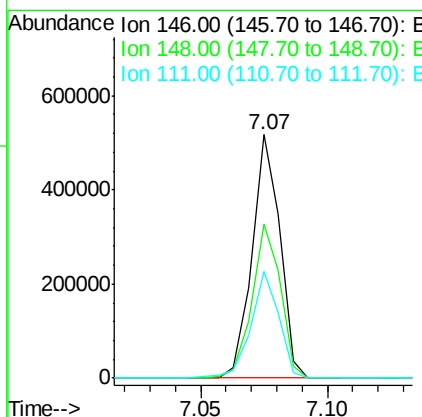
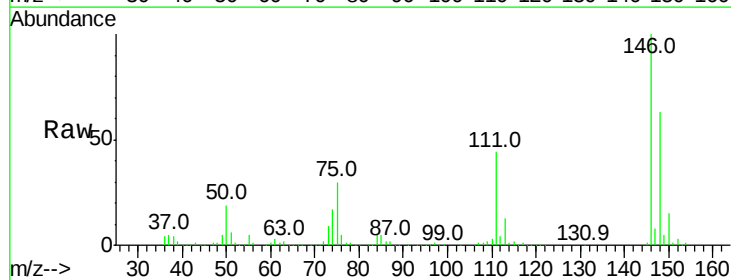
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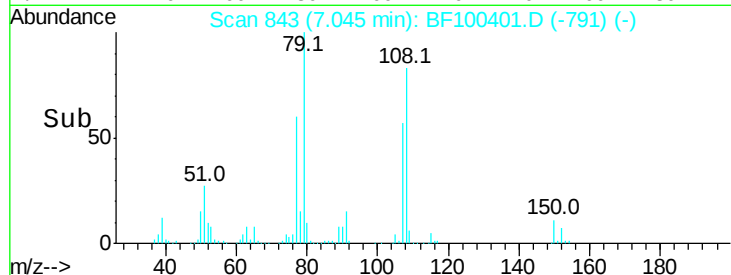
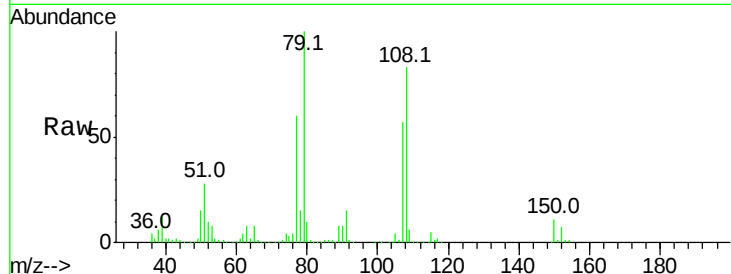
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#14
 1,2-Dichlorobenzene
 Concen: 32.429 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.795 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tot Ion:	79	Resp:	326711
Ion Ratio	Lower	Upper	
79	100		
108	82.8	65.1	97.7
77	60.4	50.6	75.8

Instrument :

BNA_F

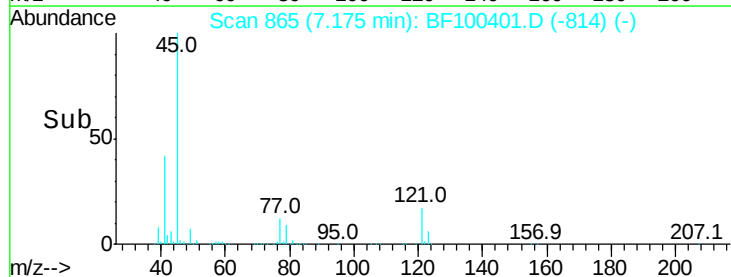
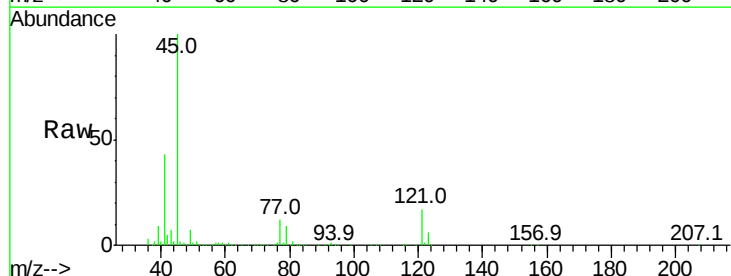
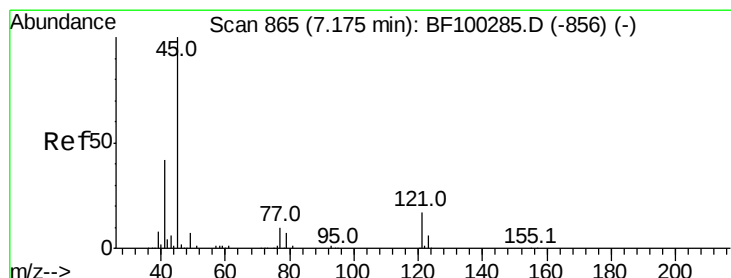
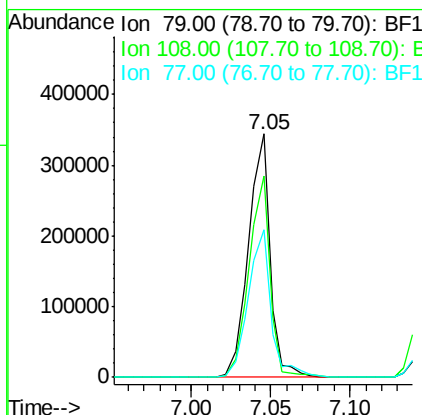
ClientSampleId :

P002-S001-0001-01MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.134 ng

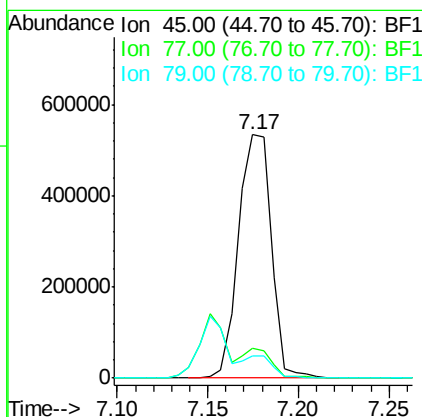
RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	45	Resp:	670941
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	32.9
79	9.2	0.0	29.6





#17
2-Methylphenol
Concen: 32.168 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

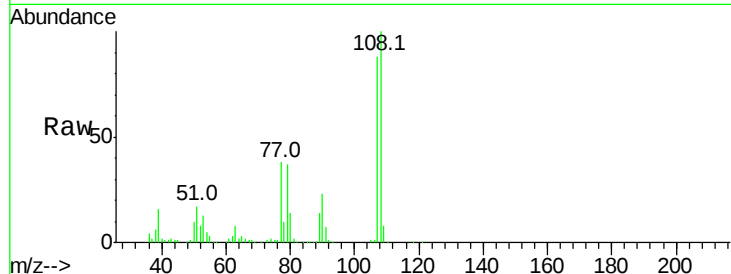
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	91.7	137.5	
77	43.4	33.8	50.8	
79	42.2	33.8	50.8	

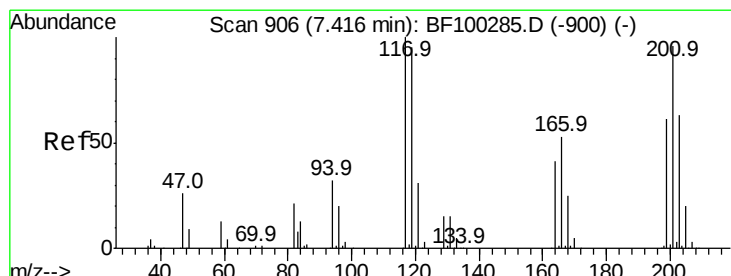
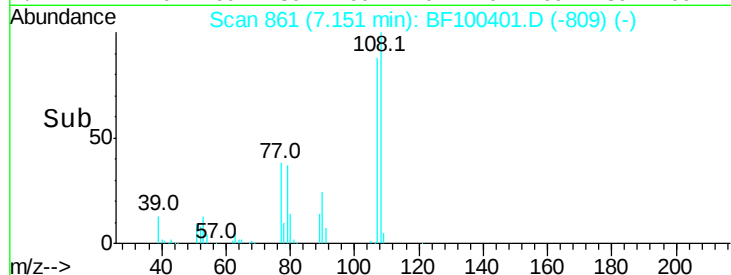
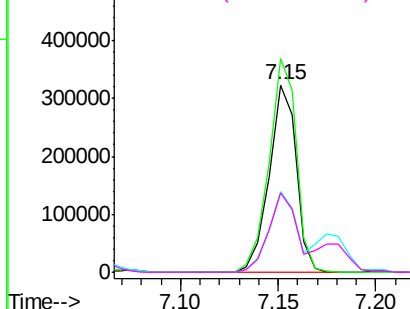
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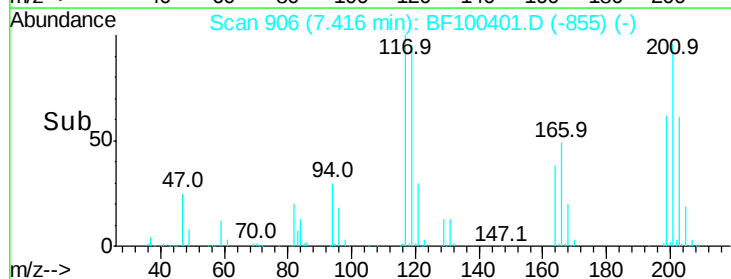
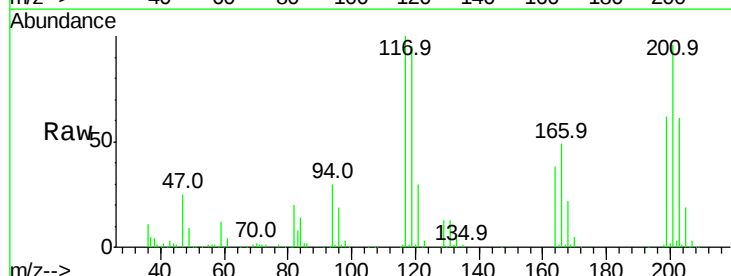
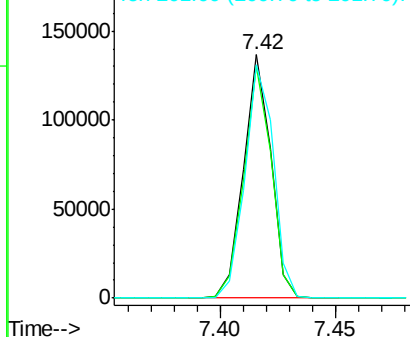
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

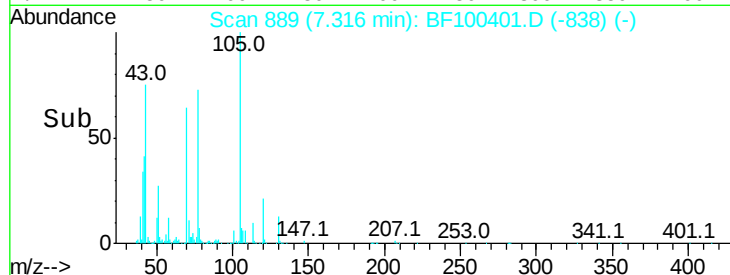
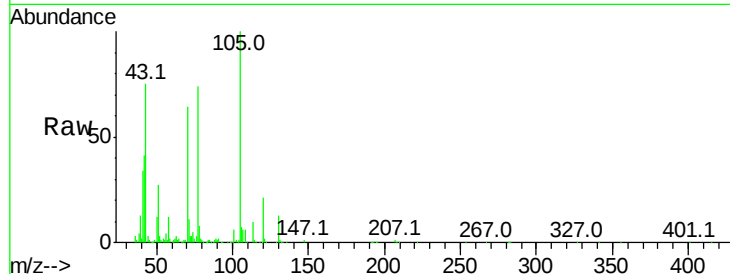
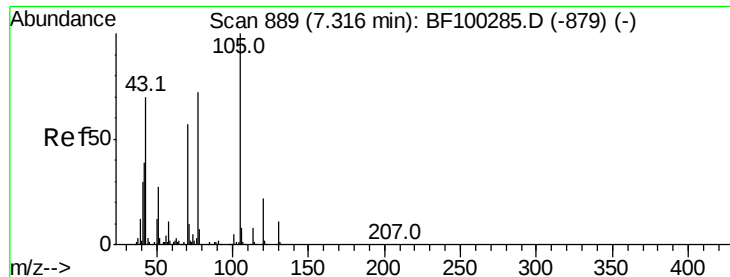


#18
Hexachloroethane
Concen: 26.126 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.8	113.8	
201	95.6	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: 29.042 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

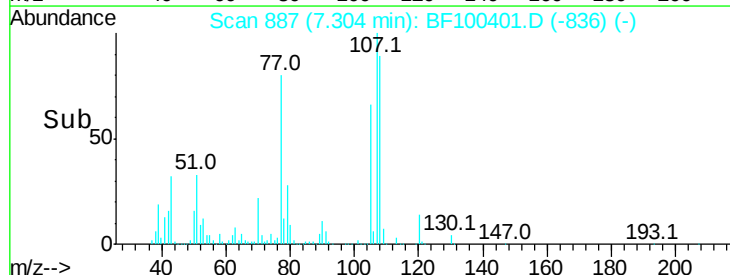
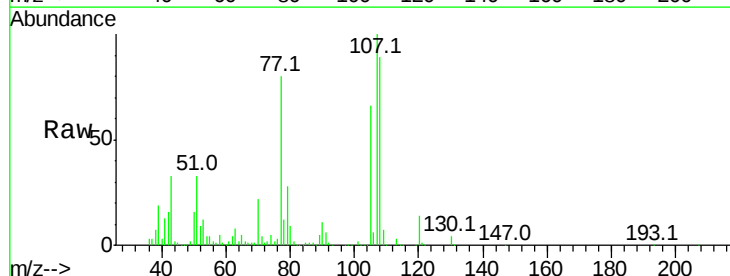
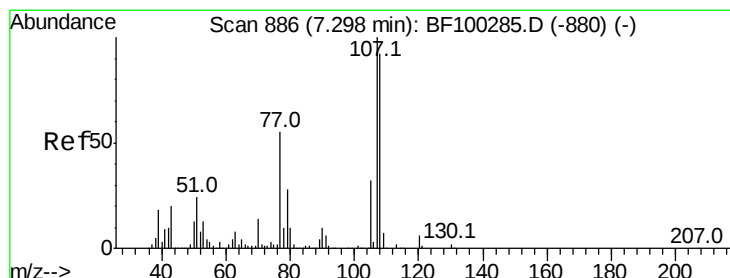
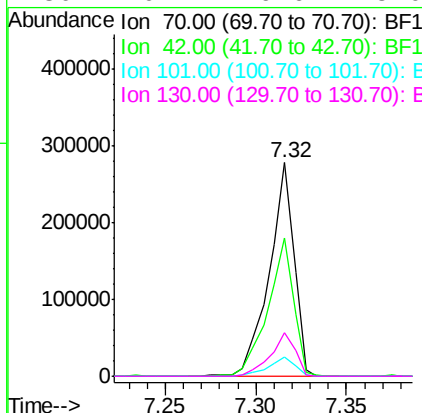
Tot Ion	70	Resp	265173
Ion Ratio	Lower	Upper	
70	100		
42	64.9	47.5	71.3
101	8.8	7.4	11.2
130	20.4	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

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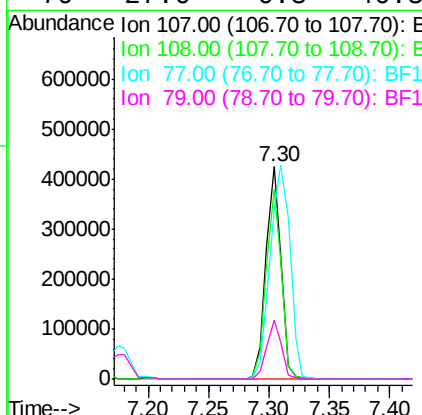
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#20
3+4-Methylphenols
Concen: 30.414 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	107	Resp	371492
Ion Ratio	Lower	Upper	
107	100		
108	89.3	68.2	108.2
77	79.9	26.7	66.7#
79	27.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MSD

Tot Ion:136 Resp: 653978

Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

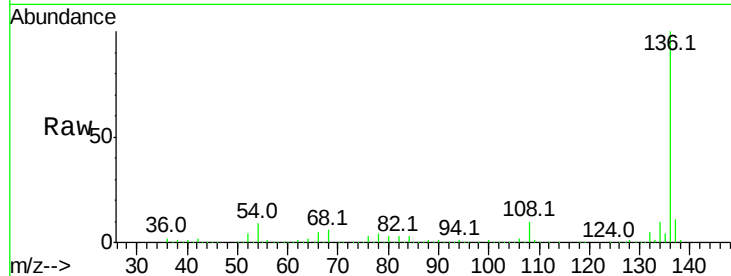
54 9.2 6.6 9.8

68 6.5 5.0 7.4

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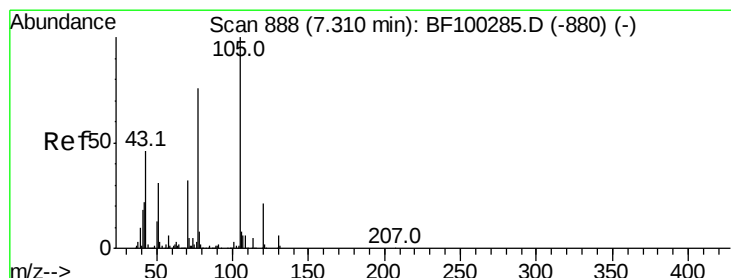
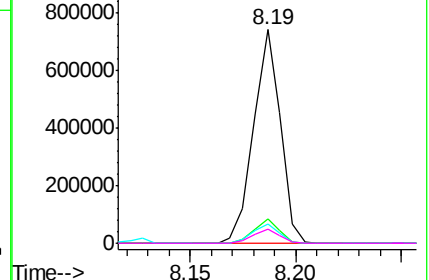
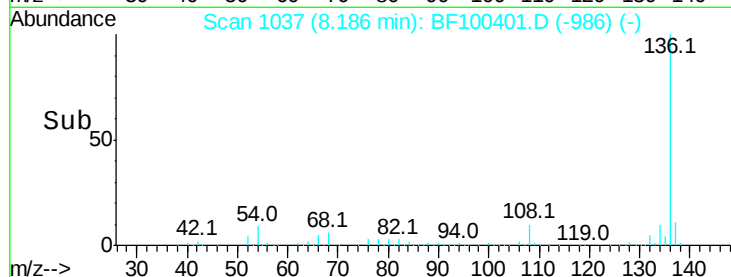


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 31.874 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:105 Resp: 508296

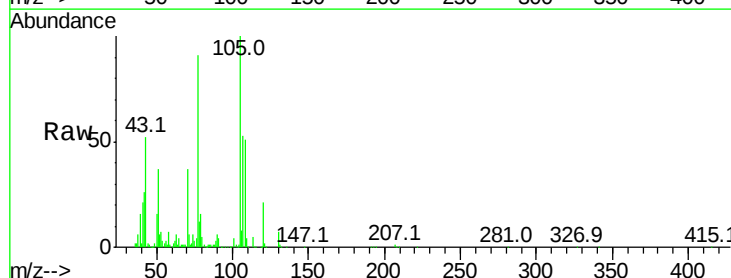
Ion Ratio Lower Upper

105 100

71 6.4 4.4 6.6

51 36.6 22.3 33.5#

120 21.3 16.9 25.3

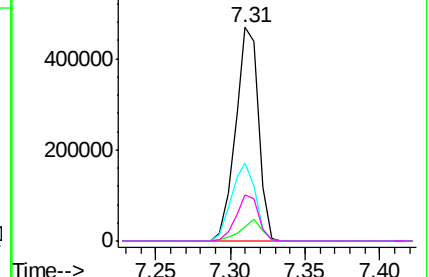
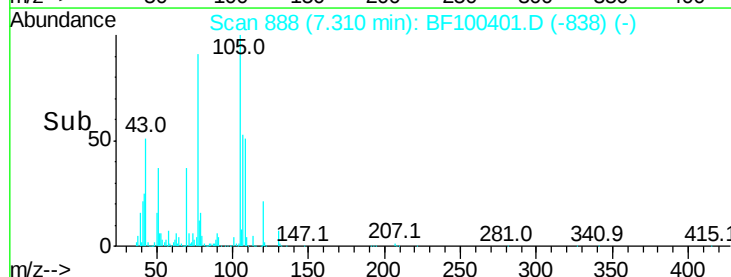


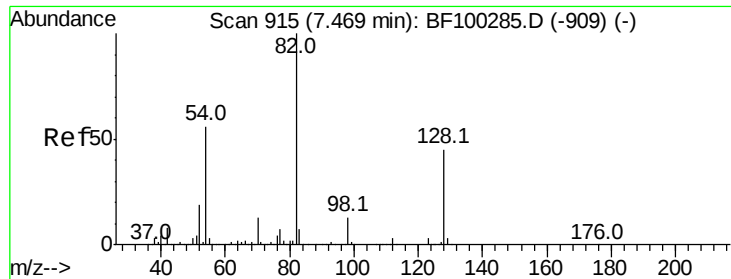
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23
 Nitrobenzene-d5
 Concen: 78.626 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

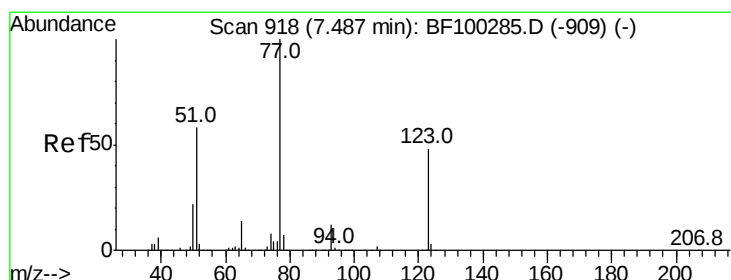
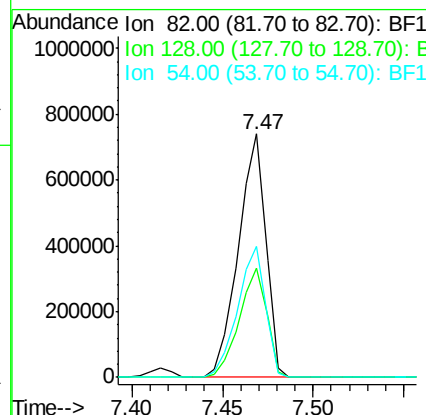
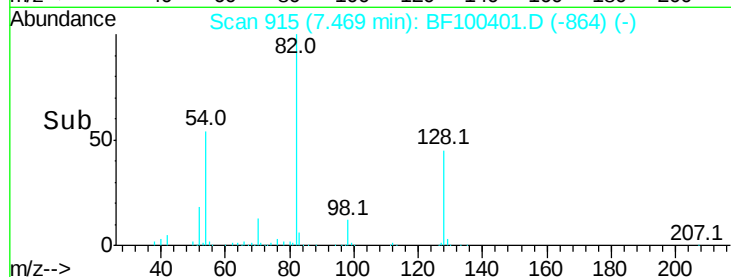
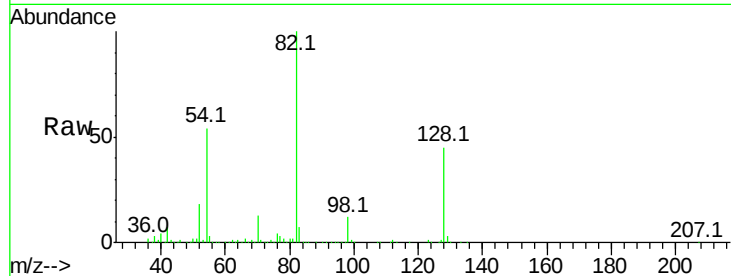
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.0	41.4	62.2

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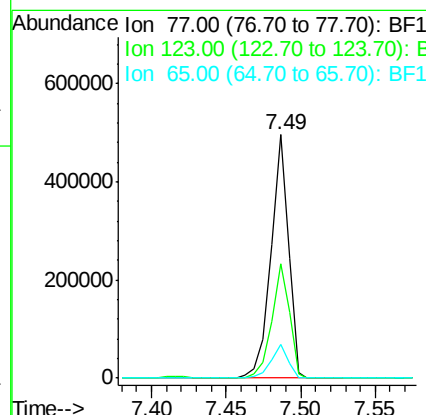
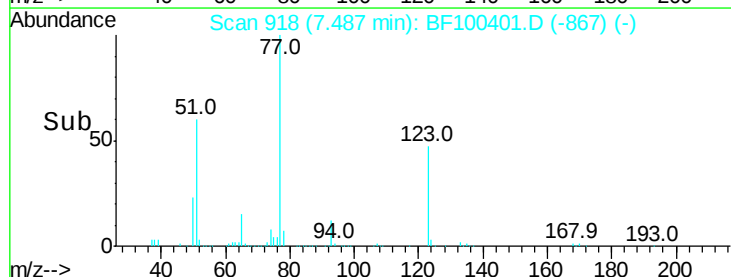
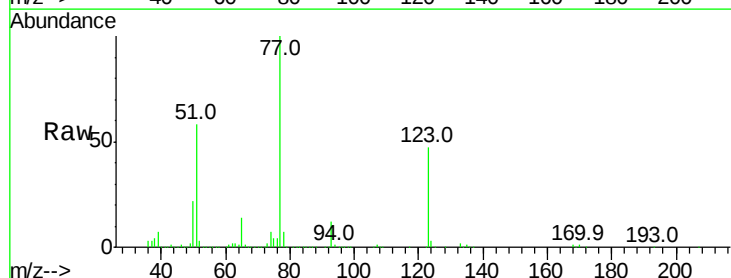
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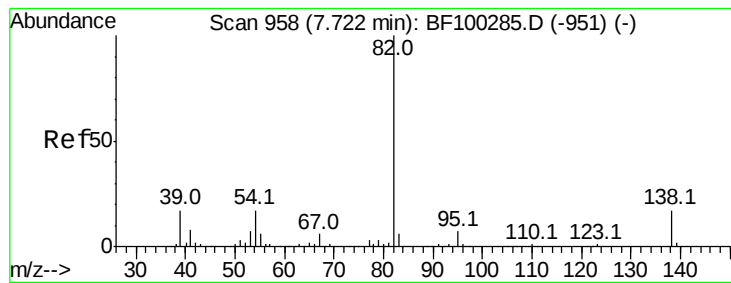
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#24
 Nitrobenzene
 Concen: 39.099 ng
 RT: 7.49 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.9	56.9
65	14.0	11.0	16.4





#25

Isophorone

Concen: 34.643 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

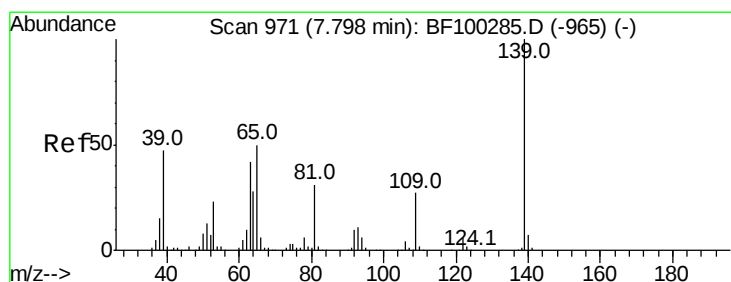
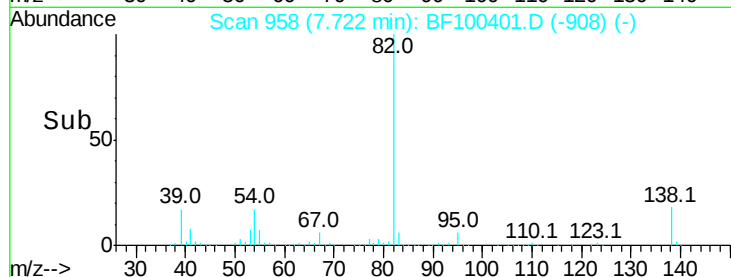
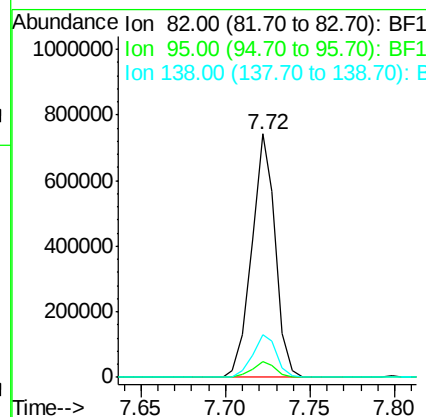
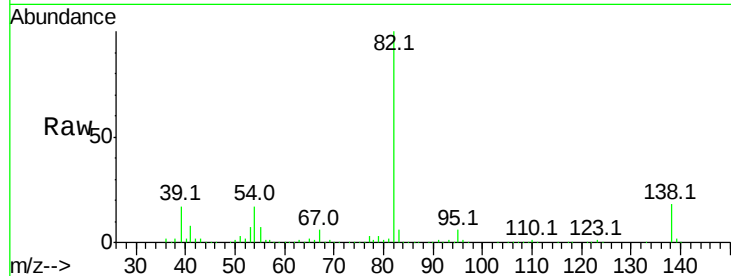
P002-S001-0001-01MSD

Tot Ion:	82	Resp:	720115
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 34.834 ng

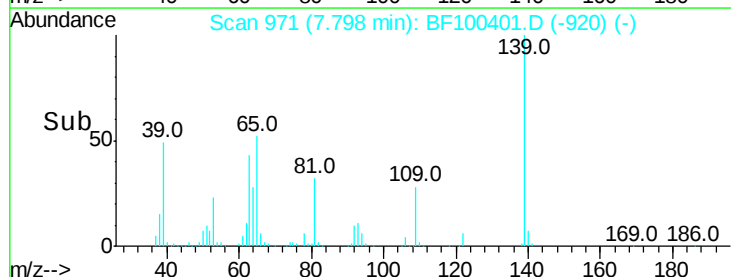
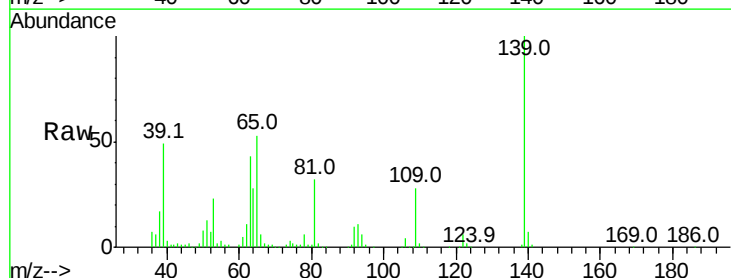
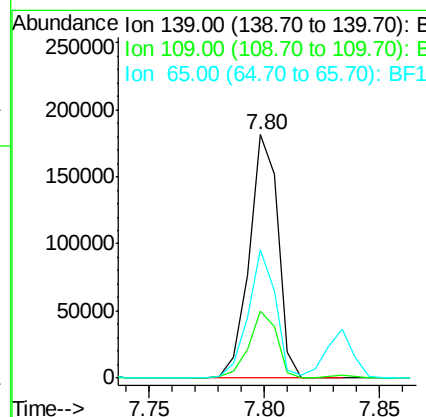
RT: 7.80 min Scan# 971

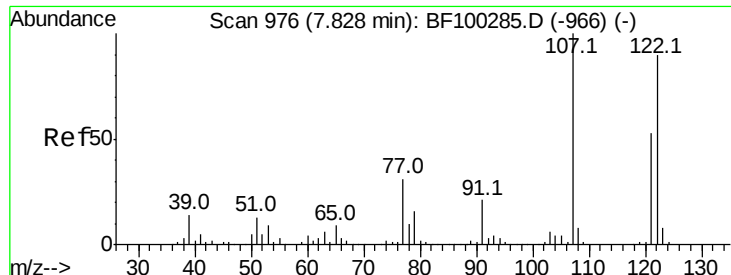
Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	139	Resp:	158348
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	52.7	40.5	60.7





#27
2,4-Dimethylphenol
Concen: 33.244 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

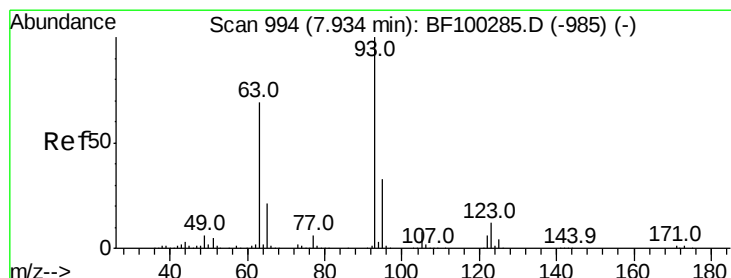
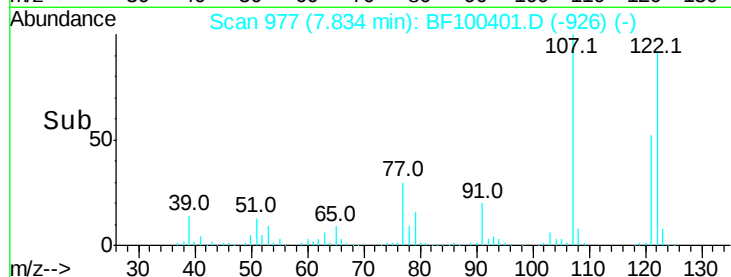
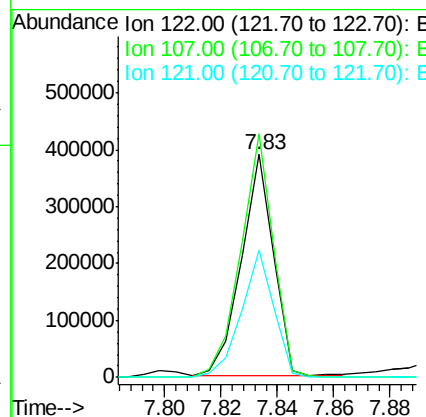
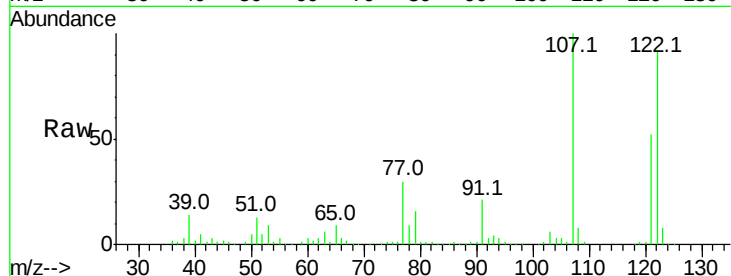
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	91.2	136.8
121	57.1	47.2	70.8

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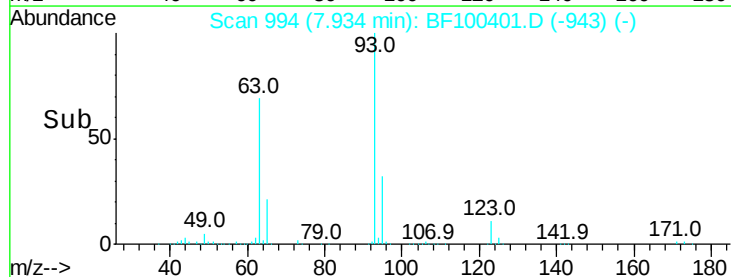
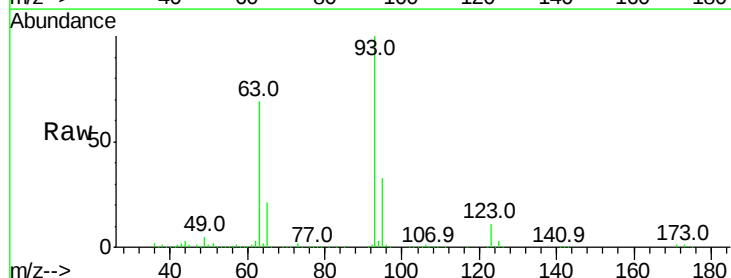
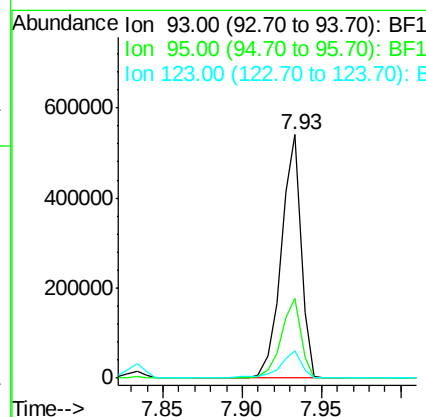
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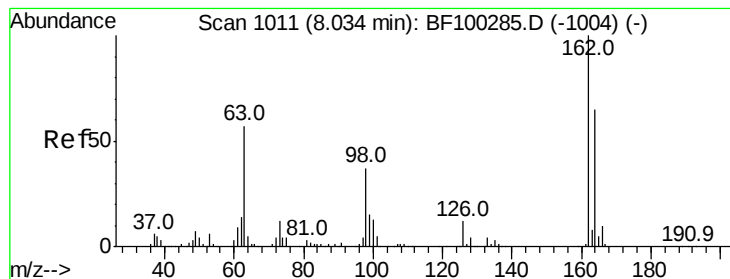
11/13/2017 4:43:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.530 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.3	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 34.732 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

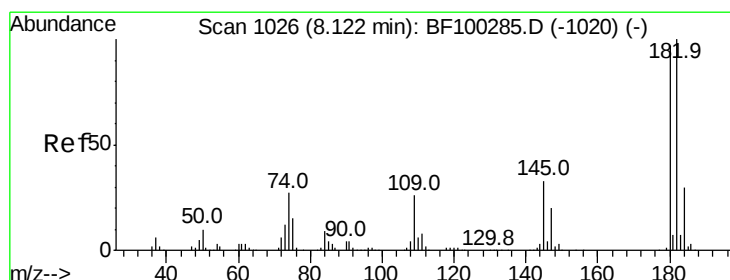
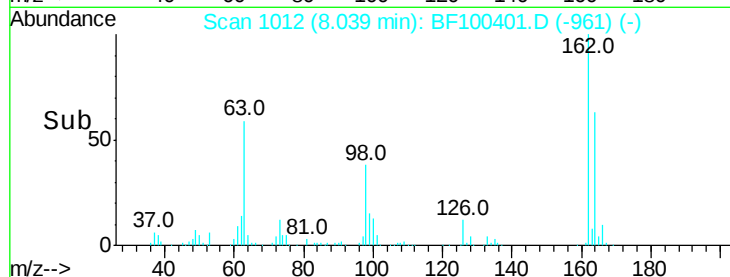
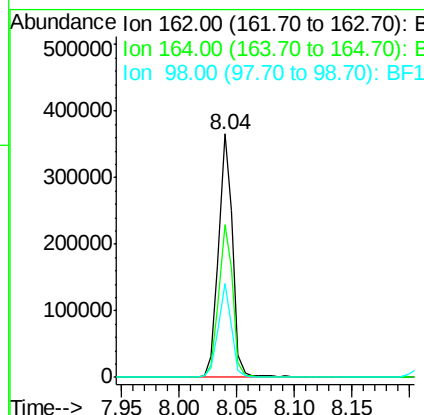
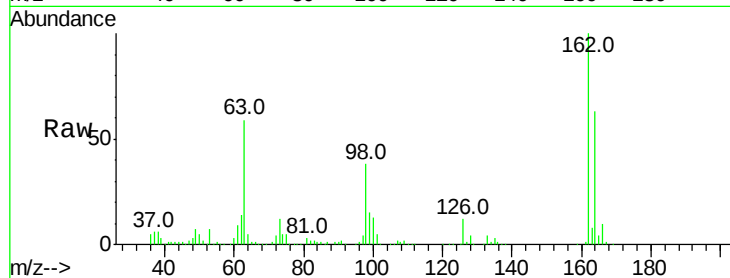
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Tot Ion:	162	Resp:	308967
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.7	82.7
98	38.3	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 33.814 ng

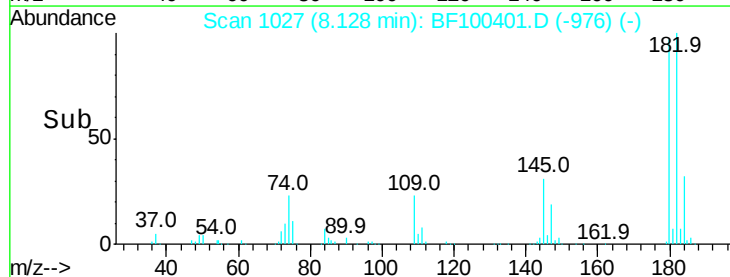
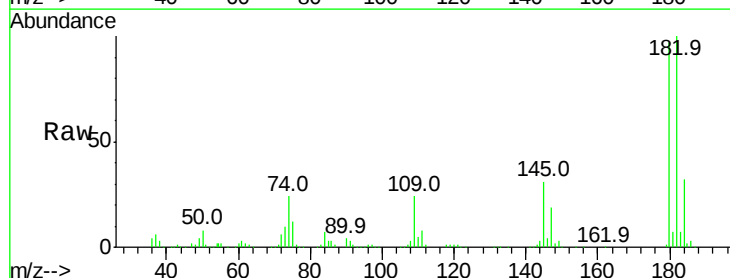
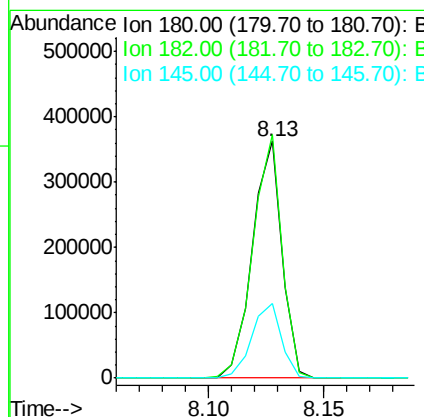
RT: 8.13 min Scan# 1027

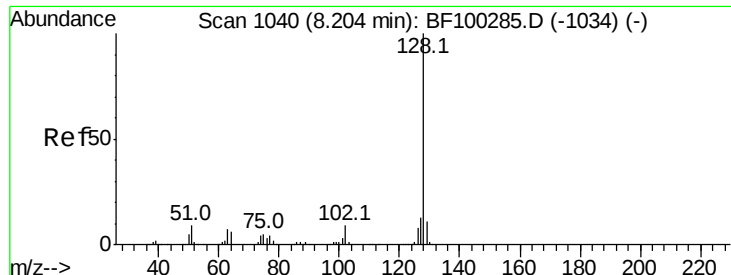
Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	180	Resp:	325371
Ion Ratio	Lower	Upper	
180	100		
182	102.7	76.8	115.2
145	31.8	26.5	39.7





#31
Naphthalene
Concen: 32.926 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

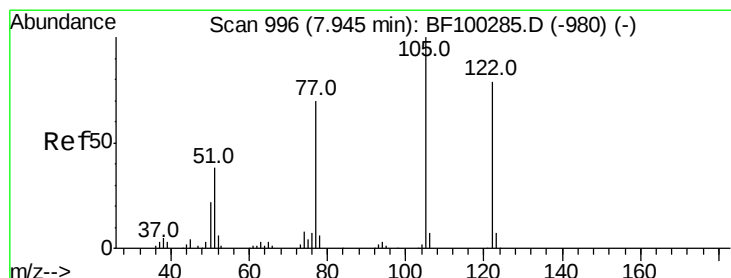
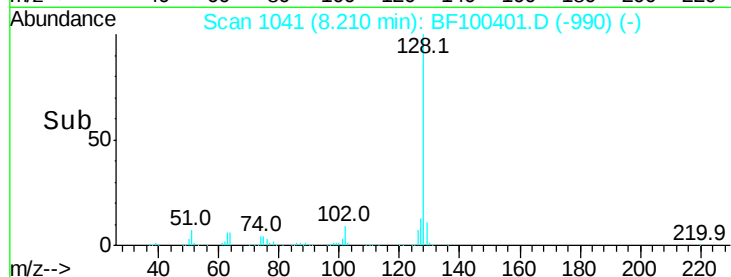
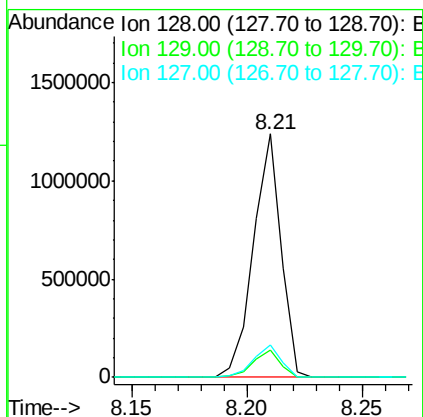
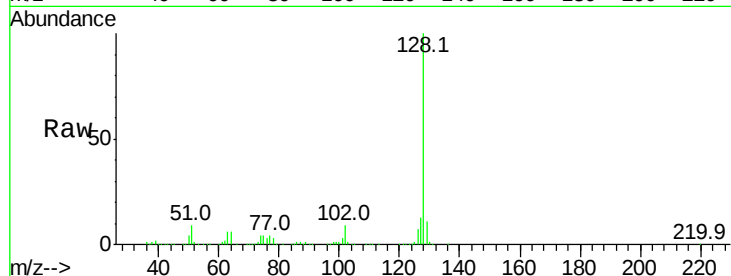
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion:	128	Resp:	1037135
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.9	16.3

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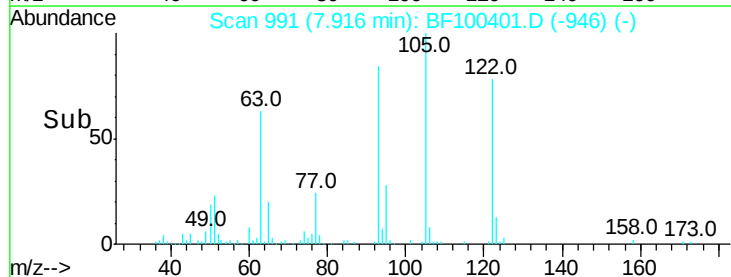
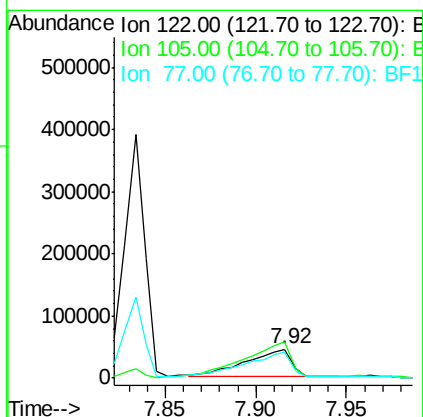
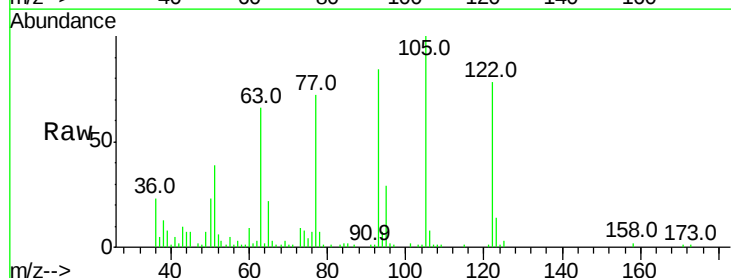
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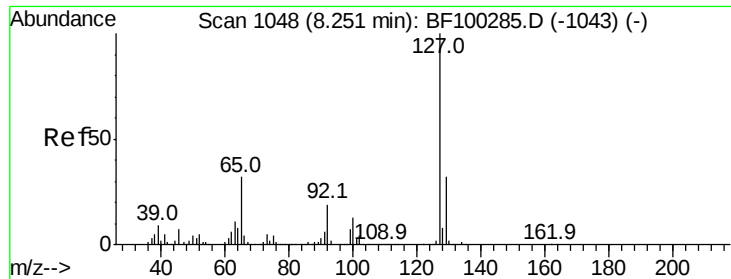
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#32
Benzoic acid
Concen: 18.307 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.04 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion:	122	Resp:	79237
Ion	Ratio	Lower	Upper
122	100		
105	127.9	101.1	141.1
77	92.3	70.7	110.7





#33
 4-Chloroaniline
 Concen: 17.681 ng
 RT: 8.29 min Scan# 1055
 Delta R.T. 0.04 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

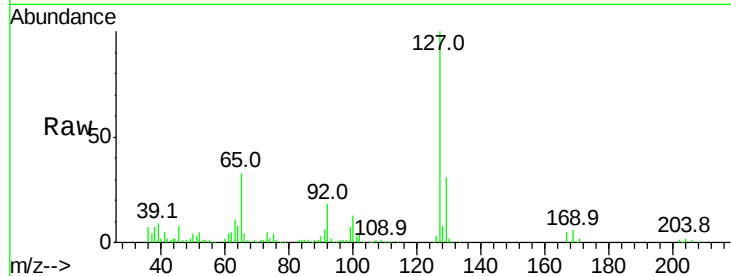
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.9	38.9		
65	32.8	25.0	37.4		
92	18.5	15.2	22.8		

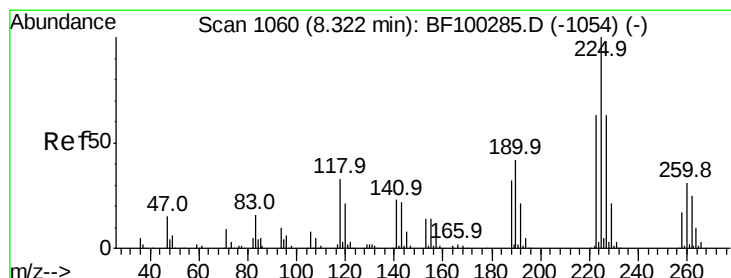
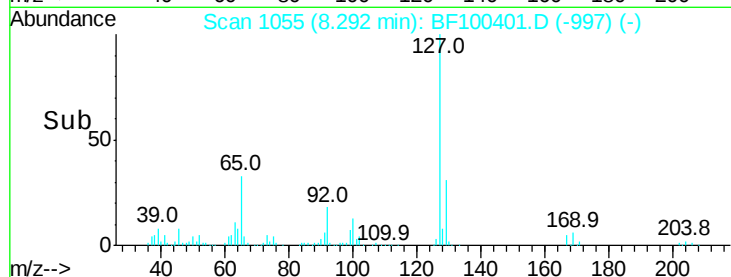
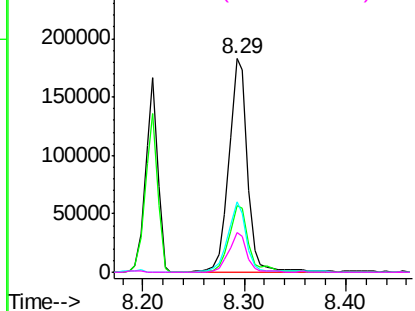
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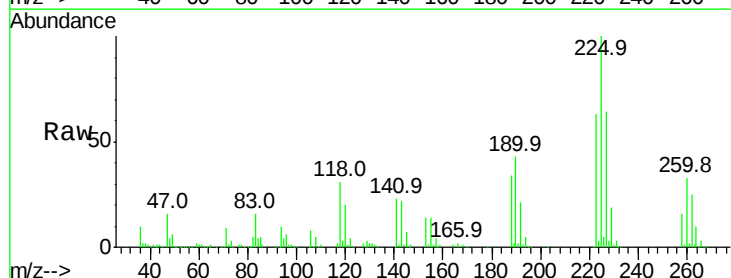


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

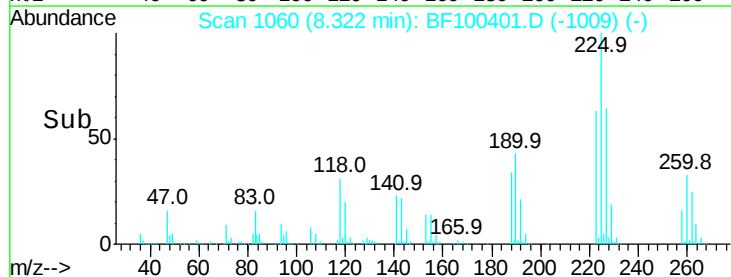
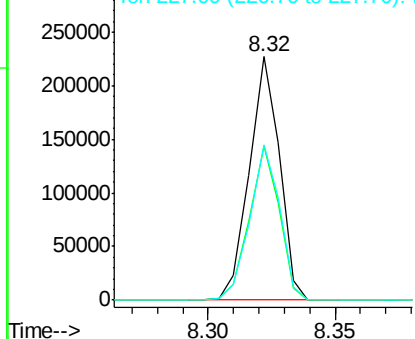


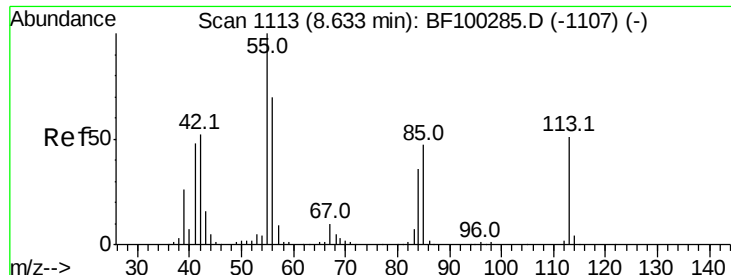
#34
 Hexachlorobutadiene
 Concen: 32.986 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.6	76.0		
227	63.9	51.9	77.9		



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





#35
 Caprolactam
 Concen: 29.525 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

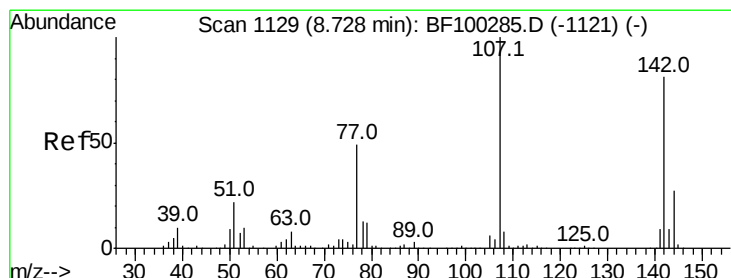
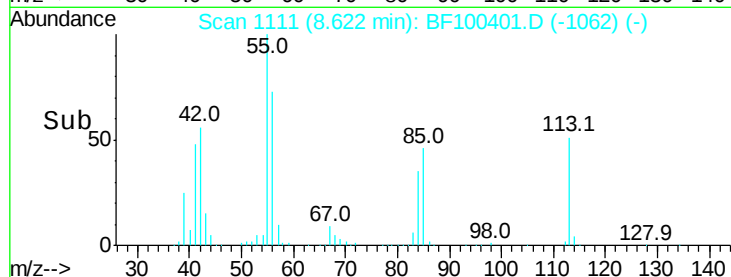
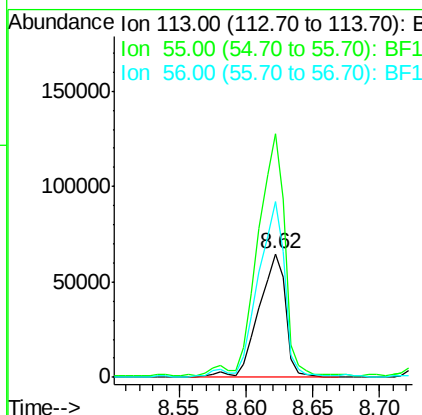
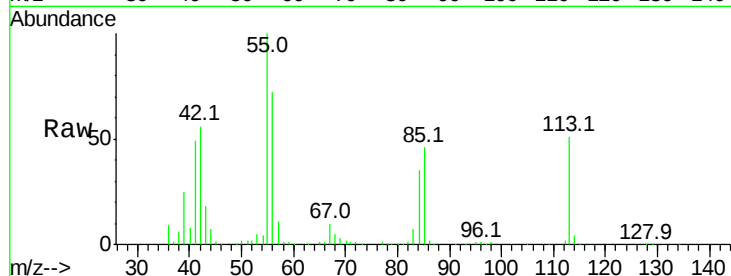
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion:113 Resp: 90135
 Ion Ratio Lower Upper
 113 100
 55 197.2 163.3 203.3
 56 142.4 115.7 155.7

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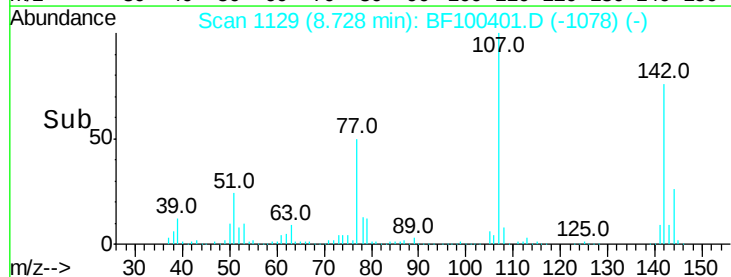
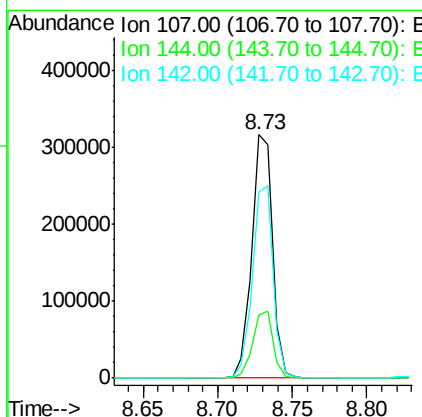
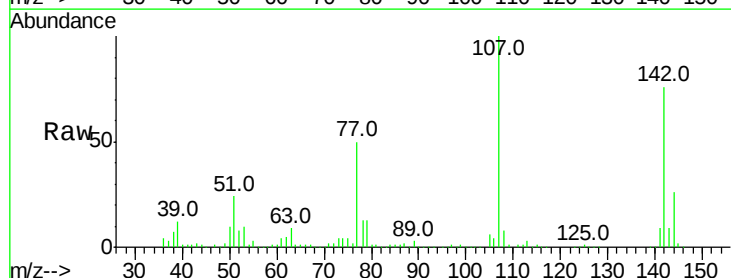
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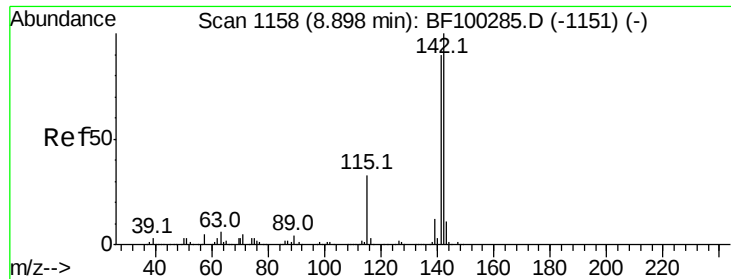
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#36
 4-Chloro-3-methylphenol
 Concen: 31.520 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion:107 Resp: 301137
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.5 30.7
 142 76.1 62.0 93.0





#37
2-Methylnaphthalene
Concen: 32.684 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

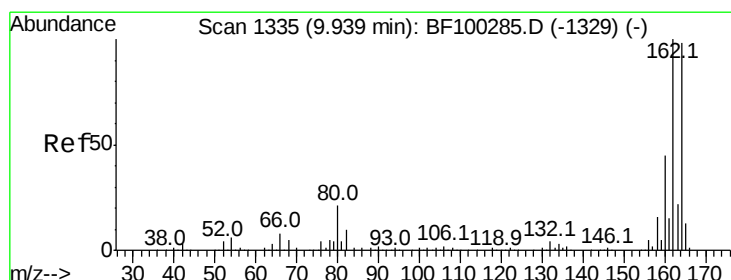
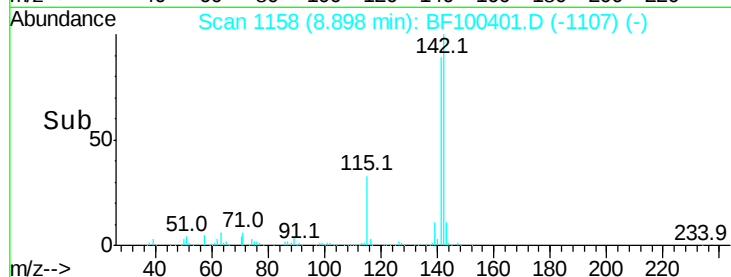
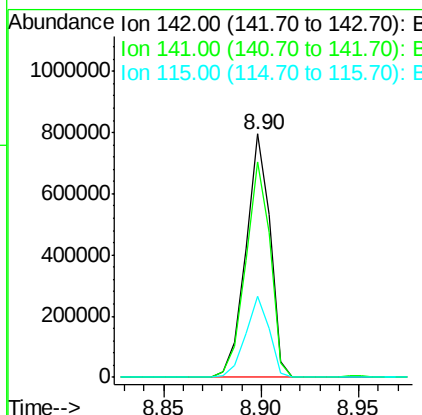
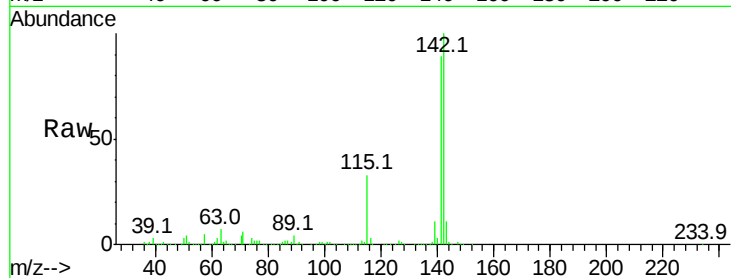
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.3	26.1	39.1

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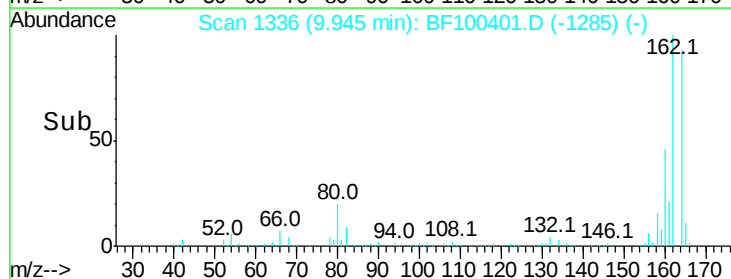
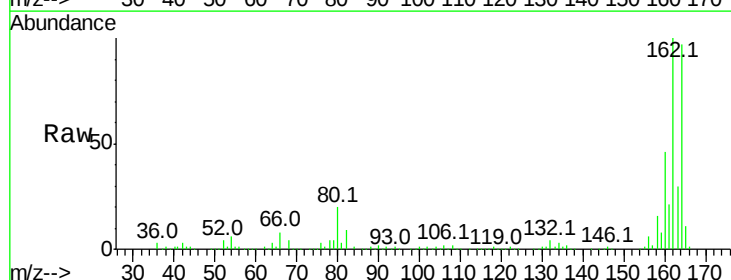
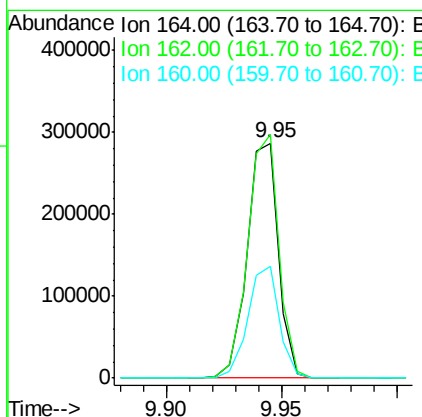
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	47.6	38.3	57.5





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.579 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

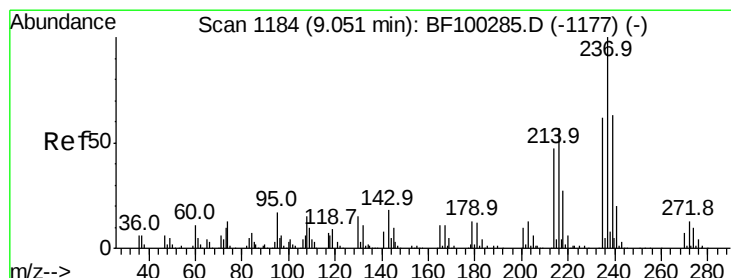
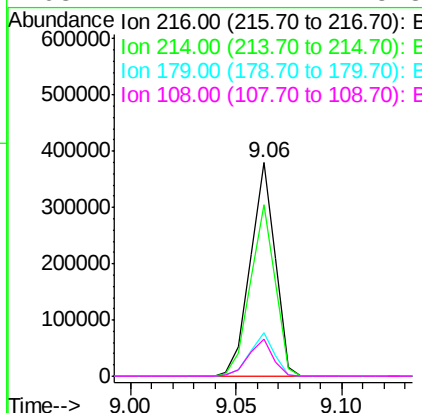
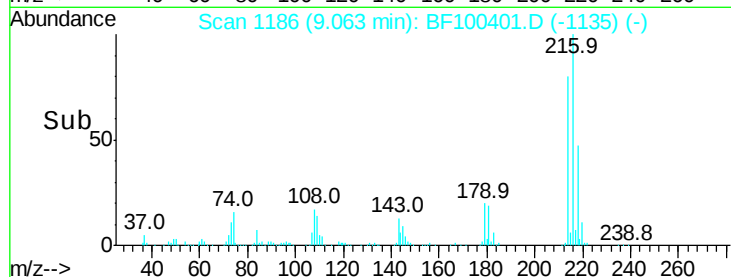
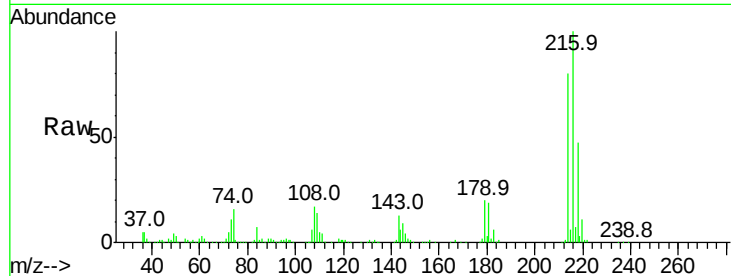
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.0	94.4	
179	19.8	18.1	27.1	
108	17.2	17.2	25.8	

Manual Integrations
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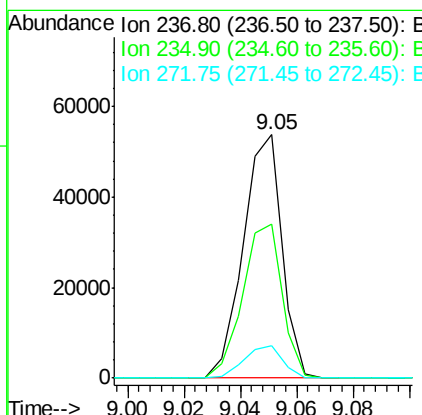
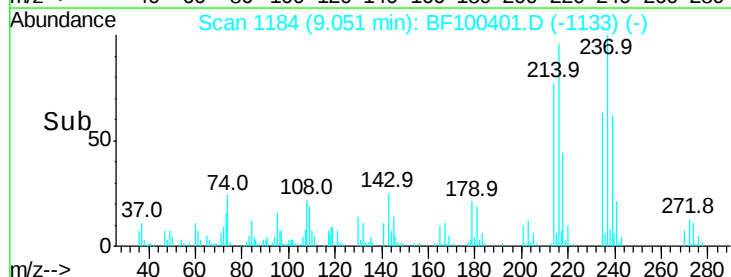
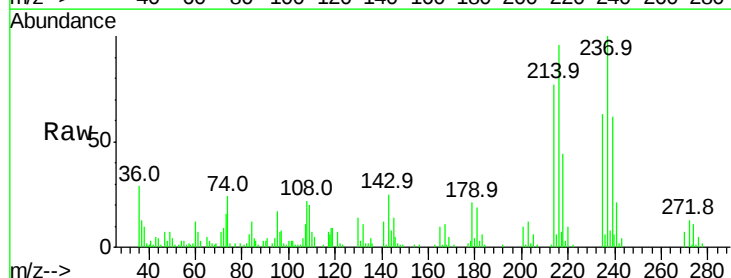
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#40
 Hexachlorocyclopentadiene
 Concen: 12.031 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.3	44.8	84.8	
272	13.2	0.0	33.3	





#41
 2,4,6-Tribromophenol
 Concen: 87.418 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

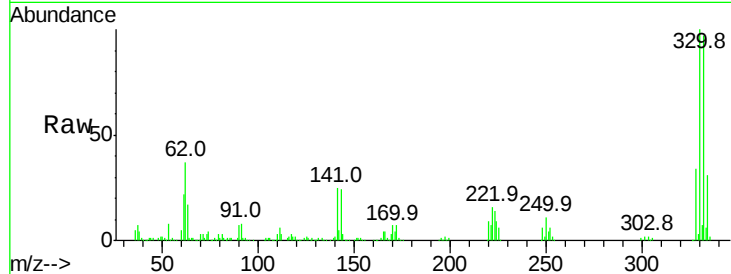
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	242128		
332	95.0	77.0	115.6	
141	31.2	29.9	44.9	

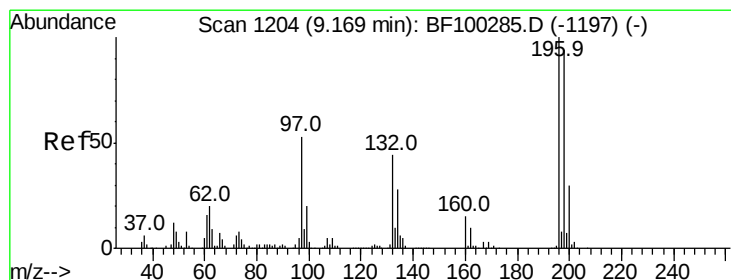
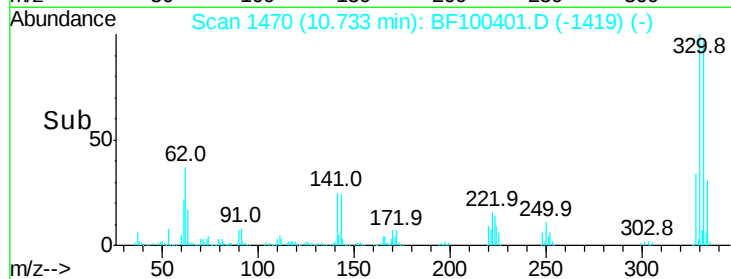
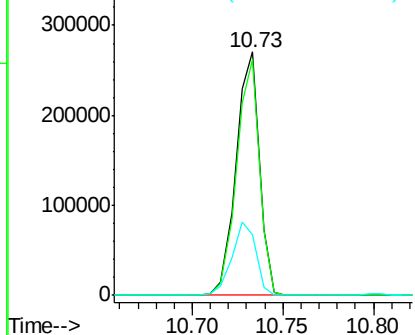
Manual Integrations
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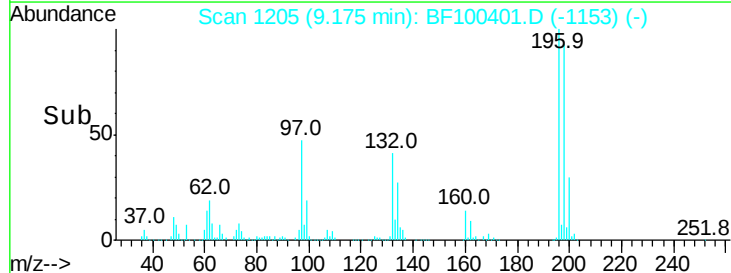
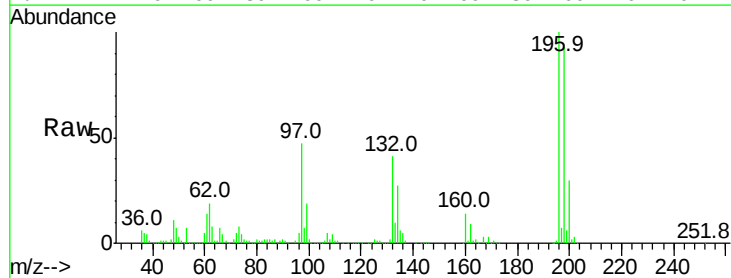
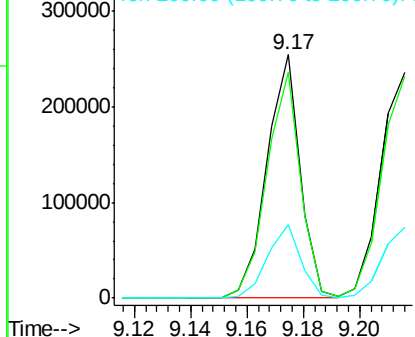
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

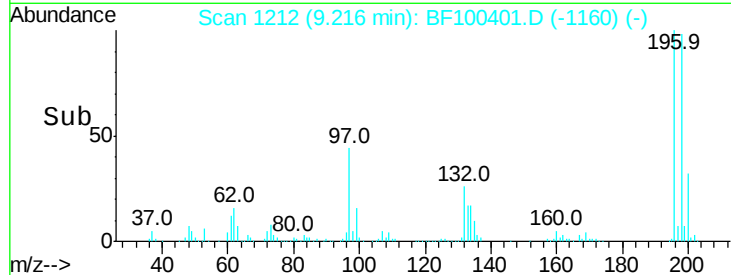
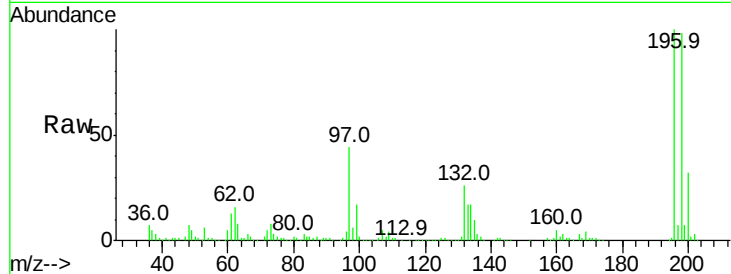


#42
 2,4,6-Trichlorophenol
 Concen: 36.461 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208313		
198	92.5	75.7	113.5	
200	29.9	24.5	36.7	

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





#43
2,4,5-Trichlorophenol
Concen: 35.526 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

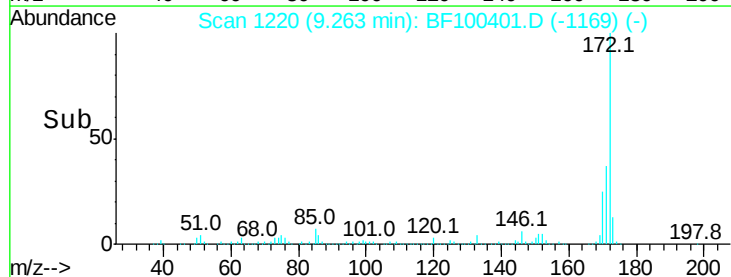
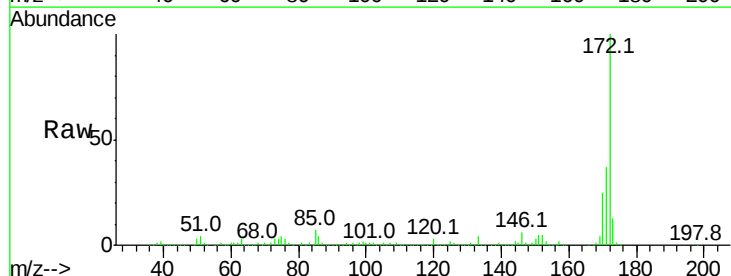
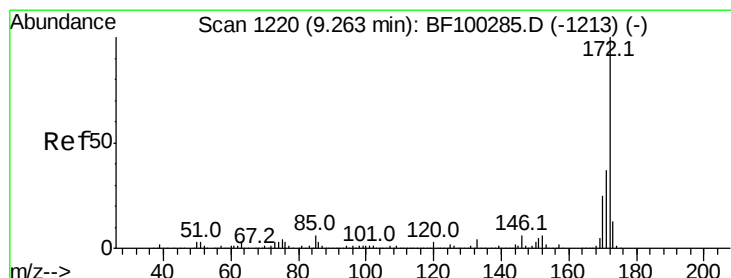
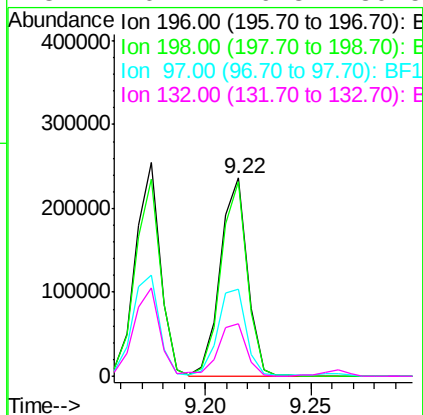
Tot Ion	Ratio	Resp	Lower	Upper
196	100	210293		
198	98.2	74.6	112.0	
97	44.2	42.9	64.3	
132	26.4	26.3	39.5	

Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

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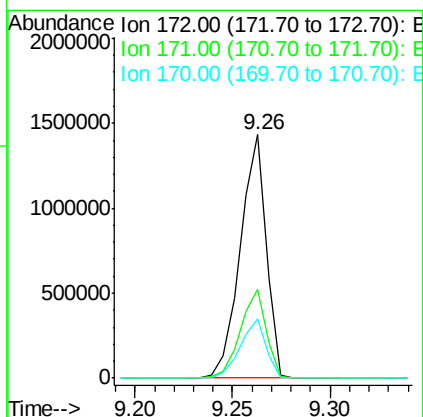
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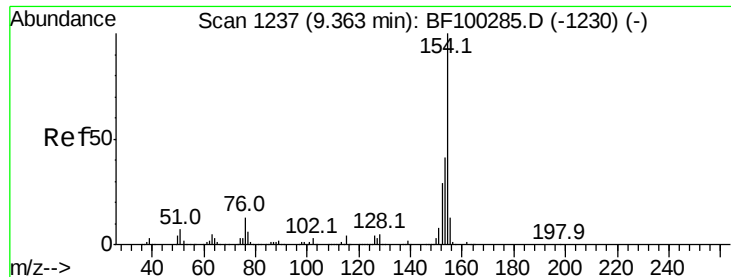
11/13/2017 4:43:25 PM



#44
2-Fluorobiphenyl
Concen: 74.085 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1322462		
171	36.6	29.7	44.5	
170	24.5	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 33.148 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

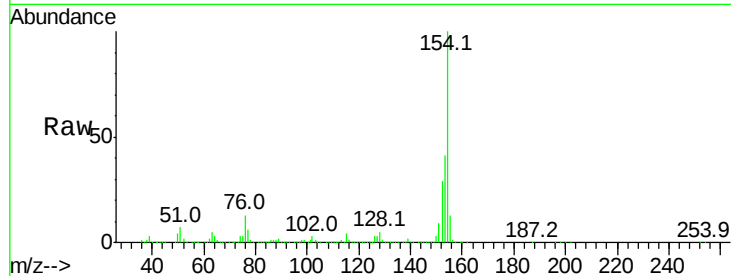
P002-S001-0001-01MSD

Tot Ion:	154	Resp:	779270
Ion Ratio	Lower	Upper	
154	100		
153	41.4	21.3	61.3
76	13.2	0.0	34.0

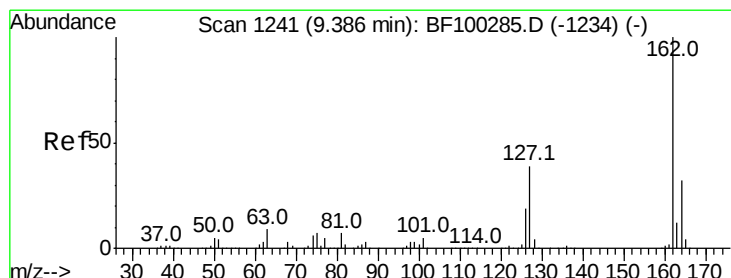
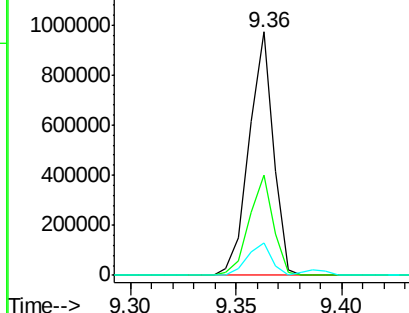
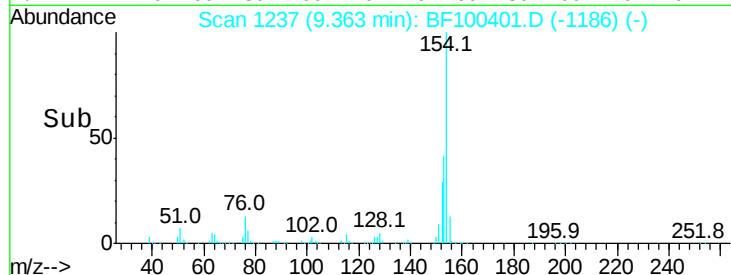
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.448 ng

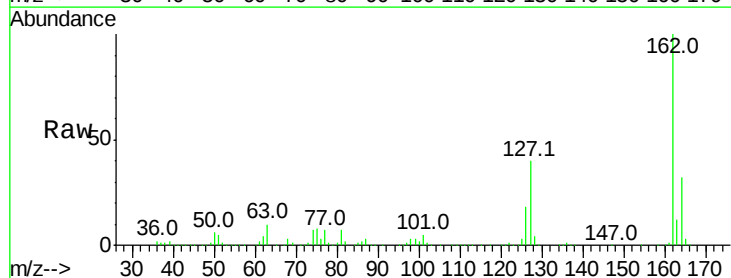
RT: 9.39 min Scan# 1241

Delta R.T. -0.00 min

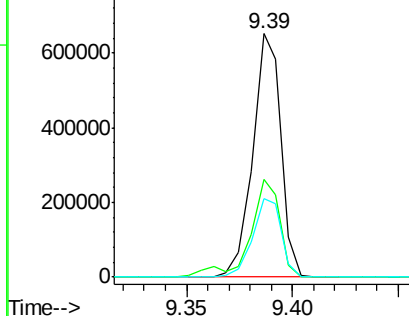
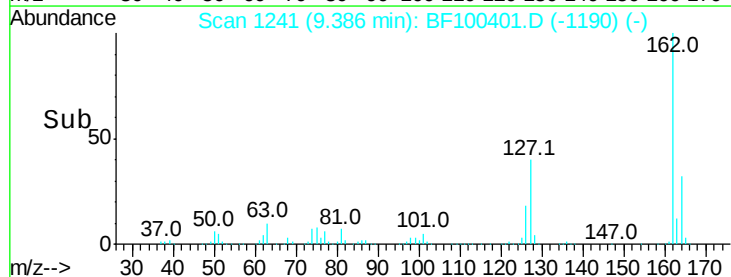
Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	162	Resp:	604554
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.9	50.9
164	32.0	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: 40.359 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MSD

Tot Ion: 65 Resp: 201015
Ion Ratio Lower Upper

65 100

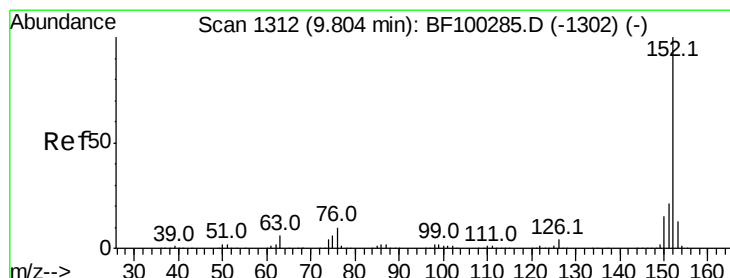
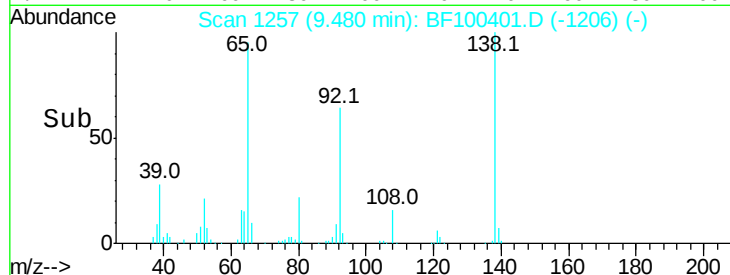
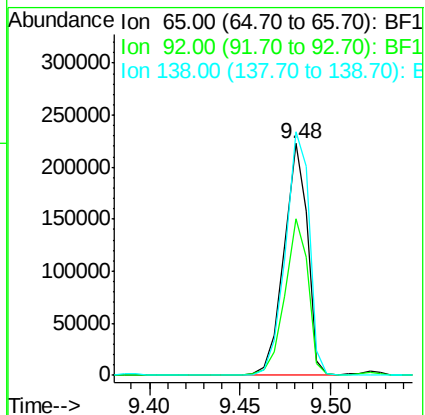
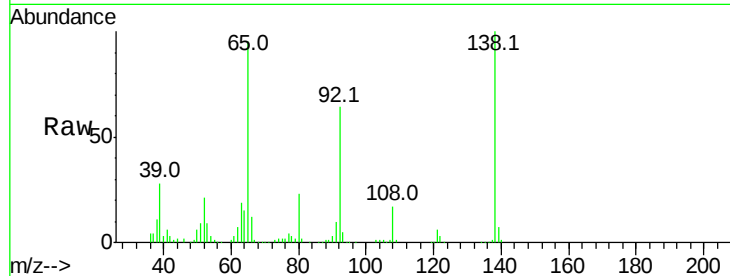
92 67.6 55.8 83.6

138 105.2 91.2 136.8

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#48

Acenaphthylene

Concen: 31.192 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF100401.D

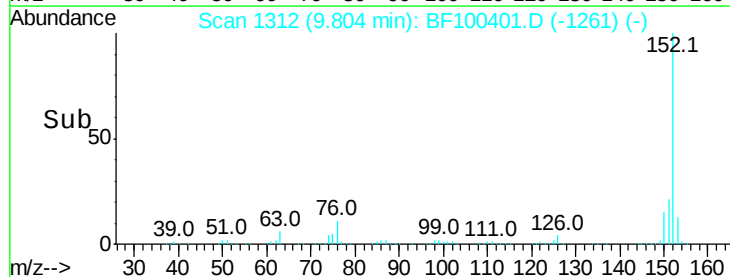
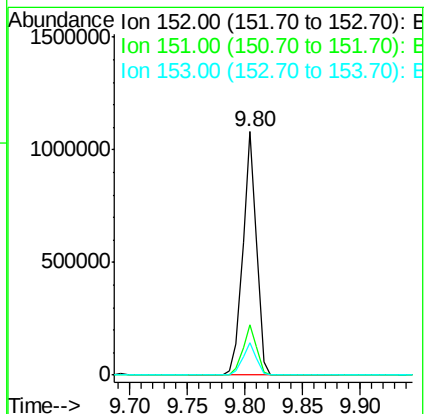
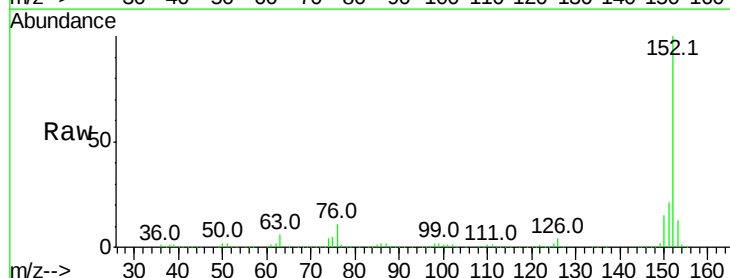
Acq: 10 Nov 2017 19:50

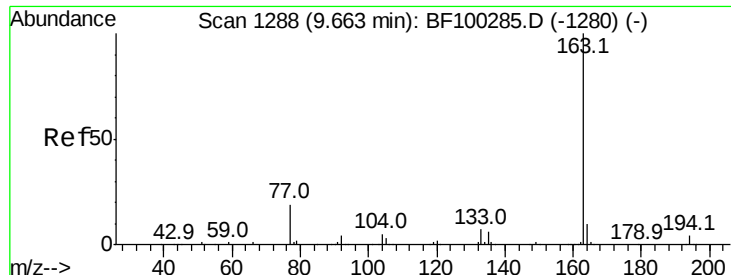
Tgt Ion: 152 Resp: 881612
Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

153 13.1 10.7 16.1





#49
Dimethylphthalate
Concen: 36.407 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

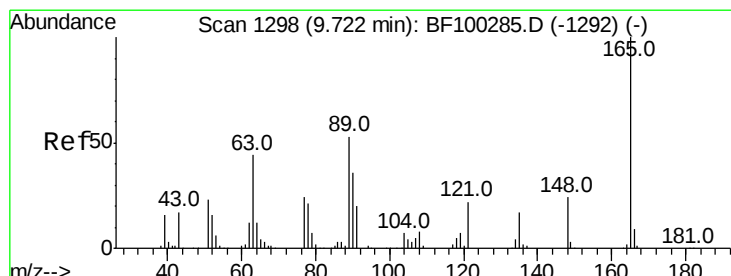
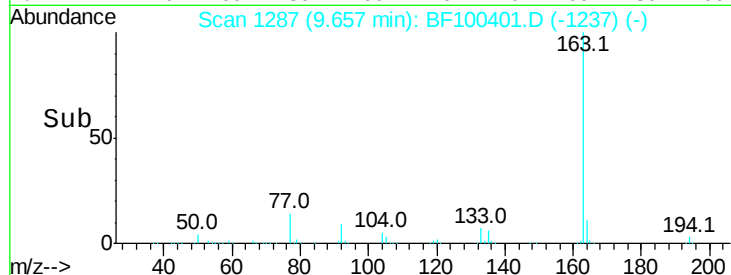
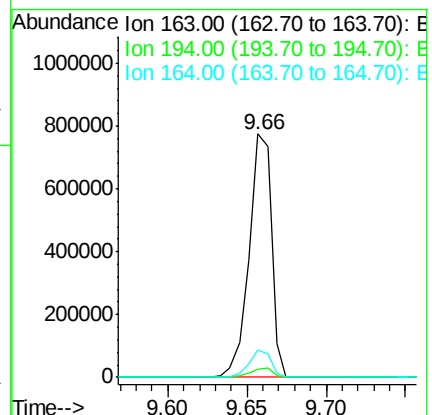
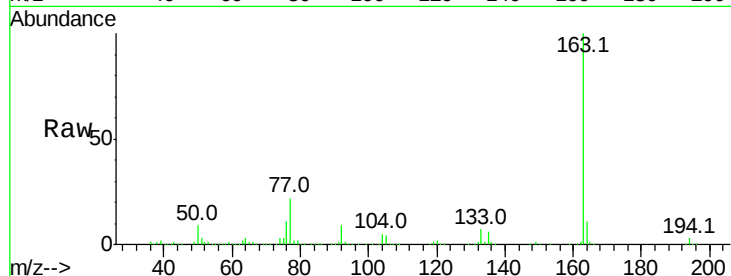
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5		2.7	4.1
164	11.2		8.2	12.2

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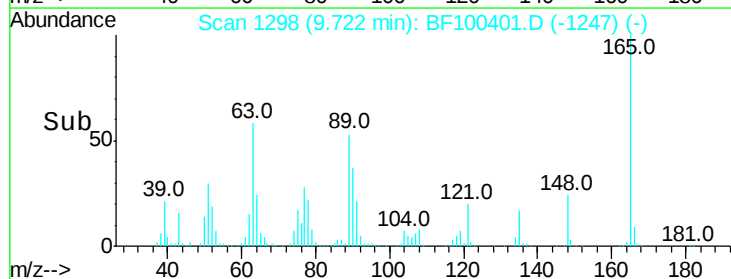
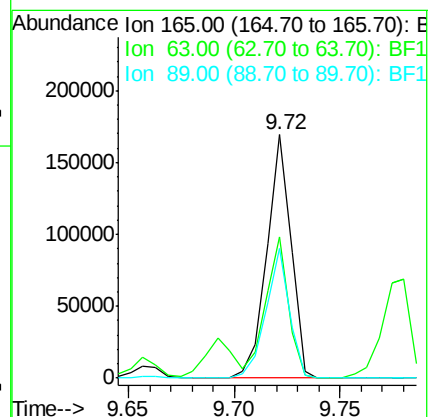
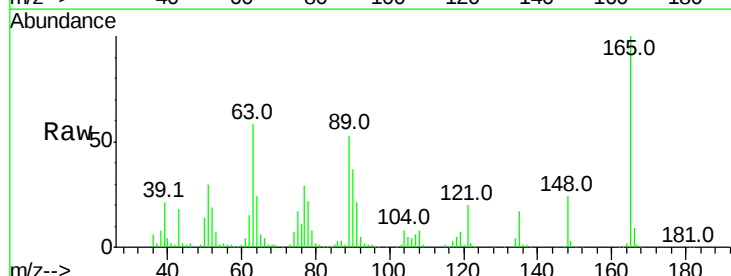
SOHIL

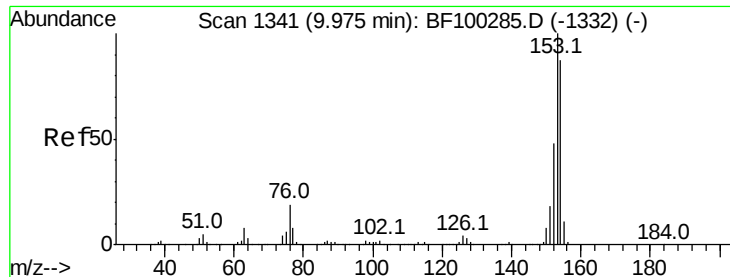
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#50
2,6-Dinitrotoluene
Concen: 33.017 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2		44.7	67.1
89	53.2		44.0	66.0





#51

Acenaphthene

Concen: 30.126 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

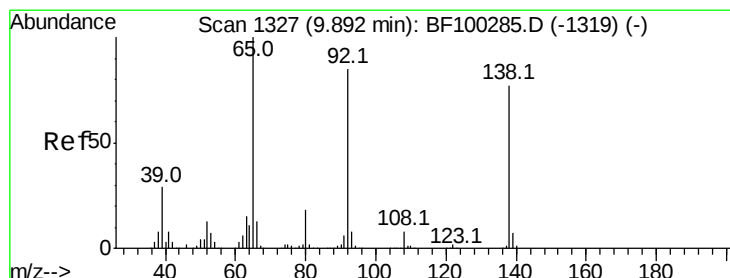
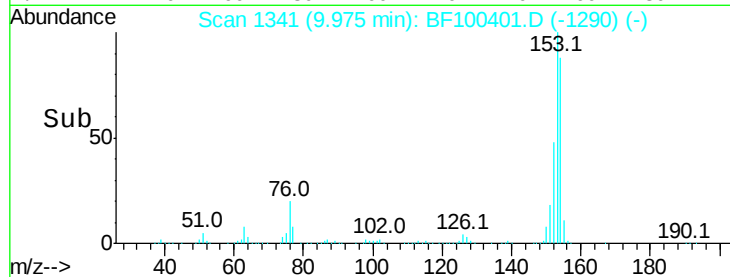
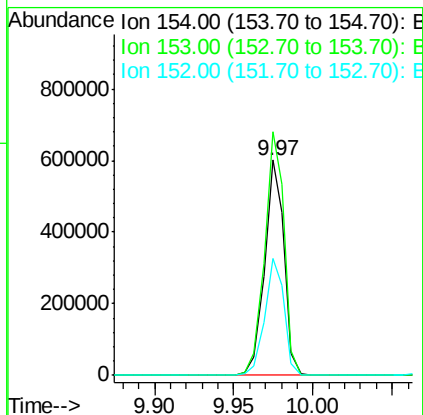
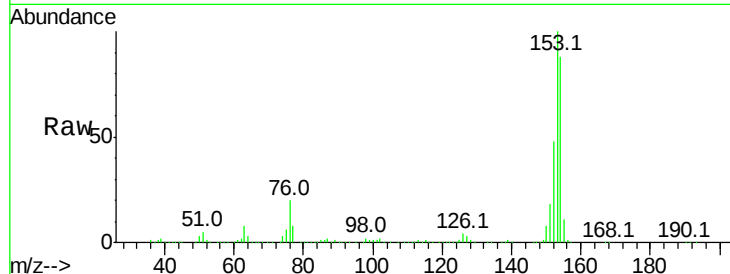
P002-S001-0001-01MSD

Tot Ion:	154	Resp:	517849
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.2	136.8
152	54.6	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 23.897 ng

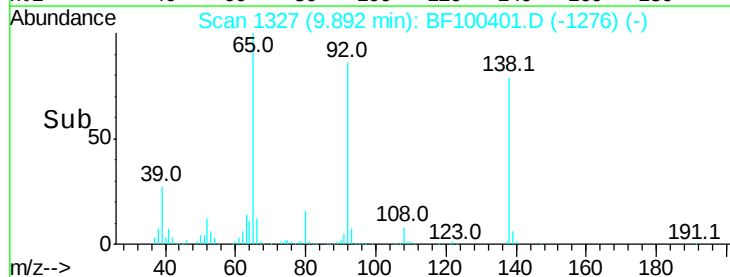
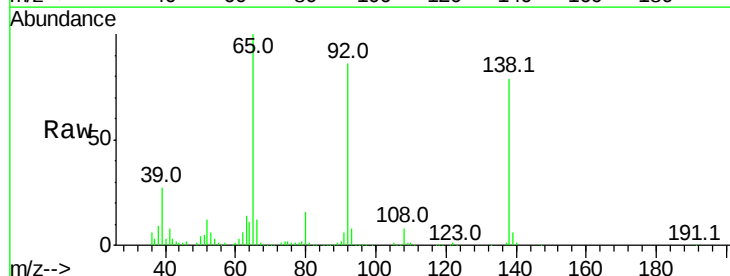
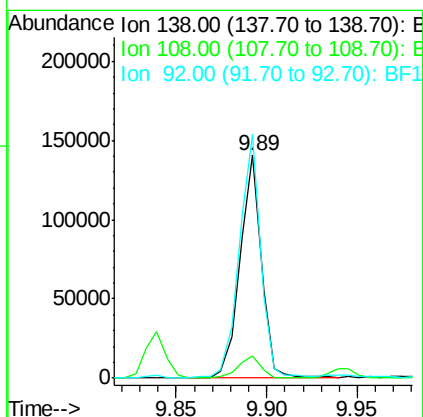
RT: 9.89 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	138	Resp:	115920
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	109.2	89.4	134.2





#53
2,4-Dinitrophenol
Concen: 12.616 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

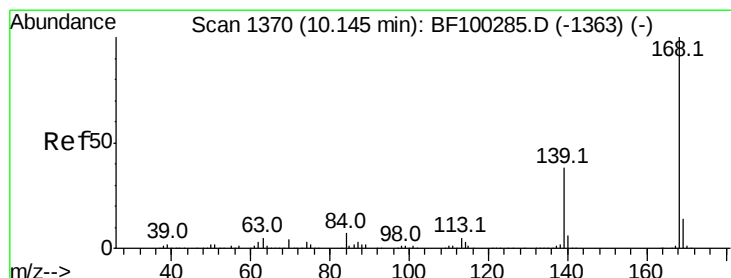
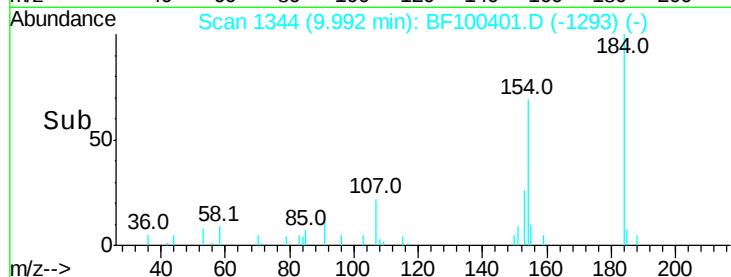
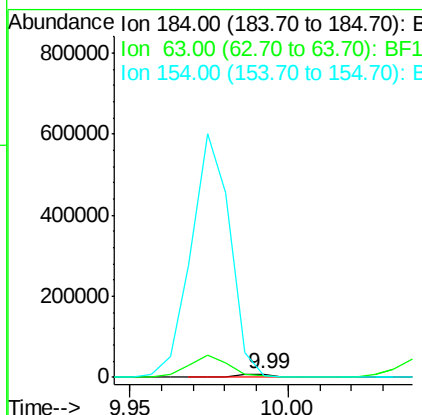
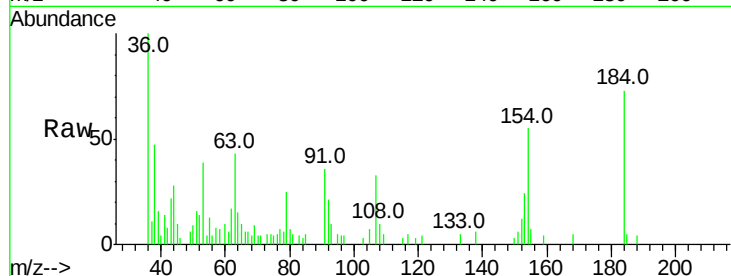
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion:184 Resp: 6414
Ion Ratio Lower Upper
184 100
63 58.8 54.2 81.2
154 75.5 184.0 276.0#

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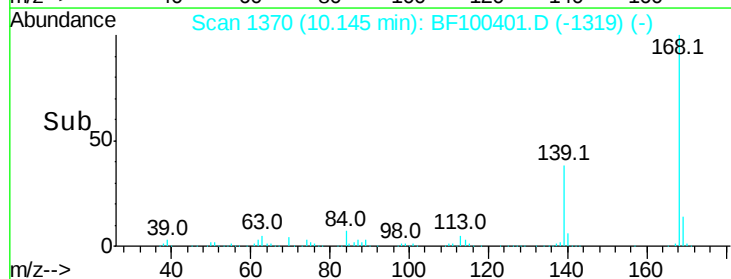
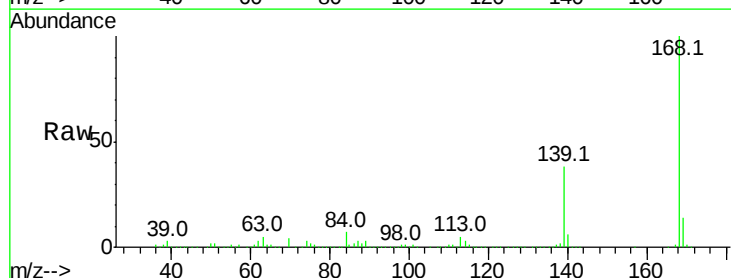
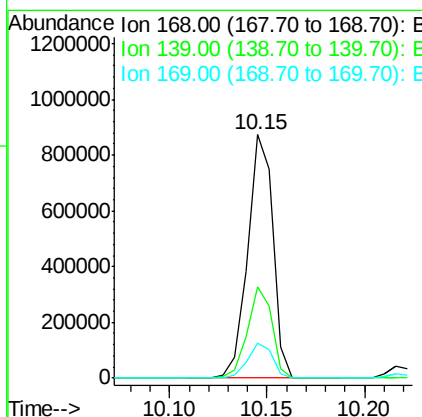
SOHIL

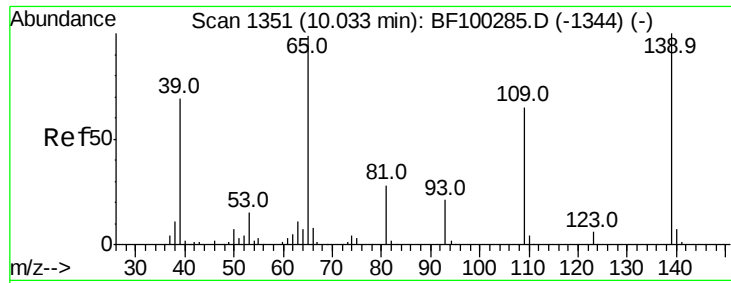
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#54
Dibenzofuran
Concen: 32.319 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion:168 Resp: 778628
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 14.3 10.9 16.3





#55
4-Nitrophenol
Concen: 53.955 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

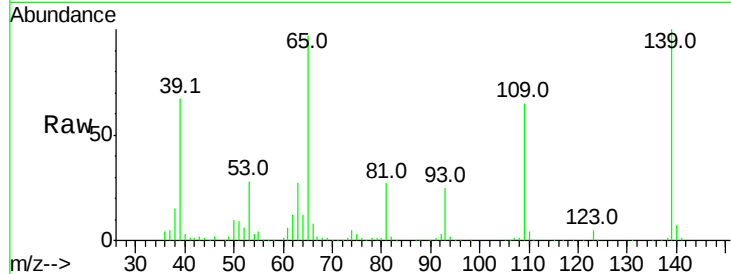
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion:	139	Resp:	212520
Ion Ratio	Lower	Upper	
139	100		
109	64.8	48.4	88.4
65	96.6	72.6	112.6

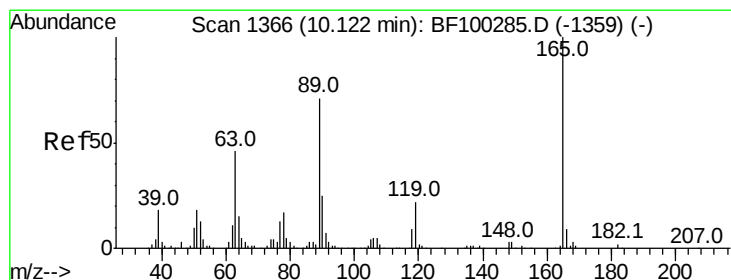
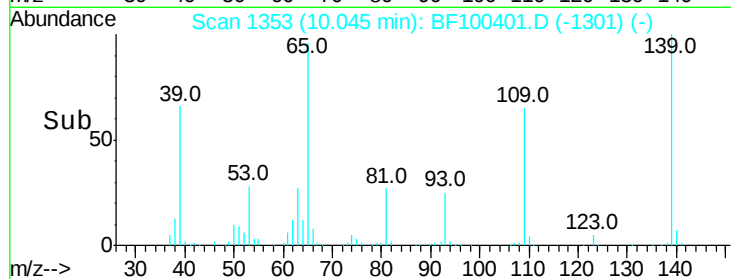
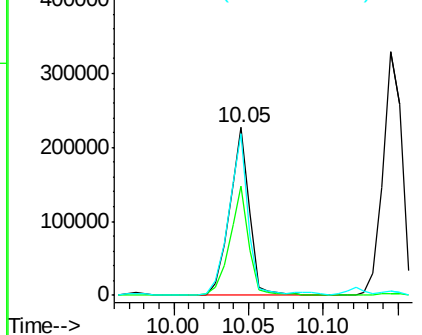
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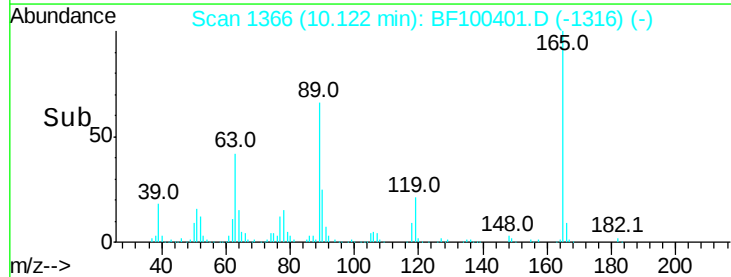
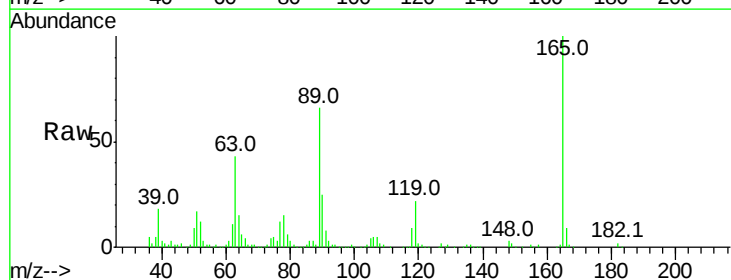
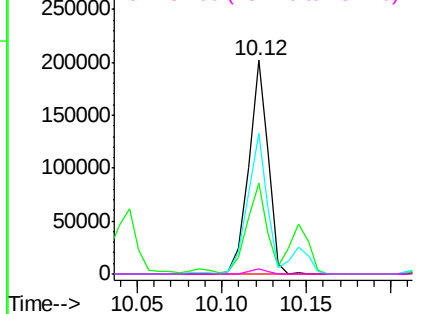
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 31.259 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion:	165	Resp:	161998
Ion Ratio	Lower	Upper	
165	100		
63	42.6	36.4	54.6
89	65.9	57.8	86.6
182	2.3	1.6	2.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57
 Fluorene
 Concen: 31.810 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

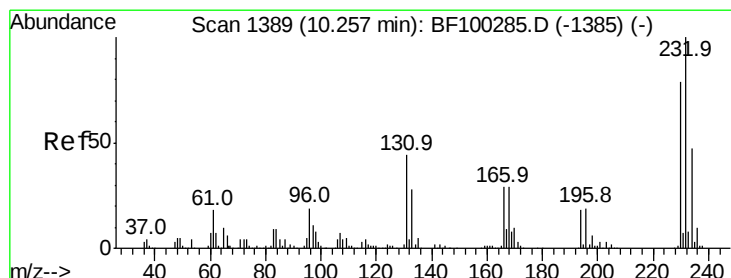
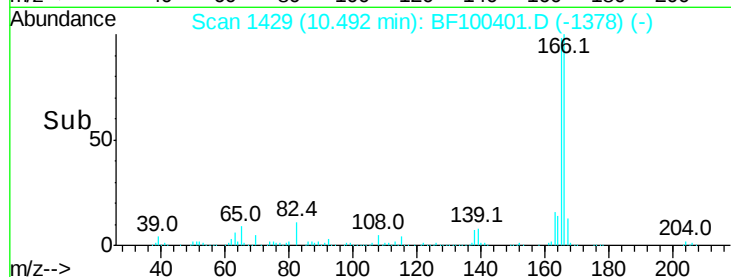
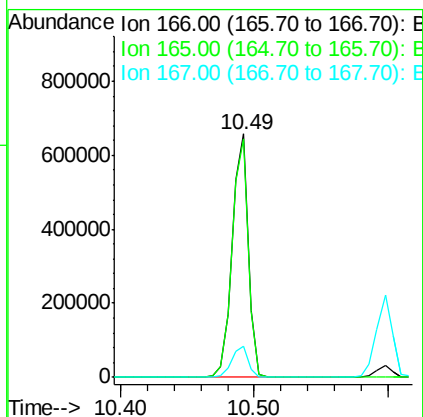
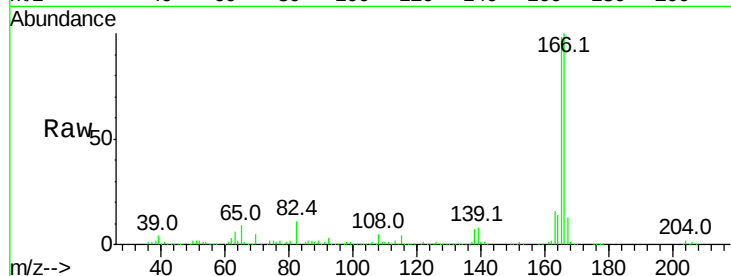
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	79.8	119.8	
167	12.8	10.6	16.0	

Manual Integrations
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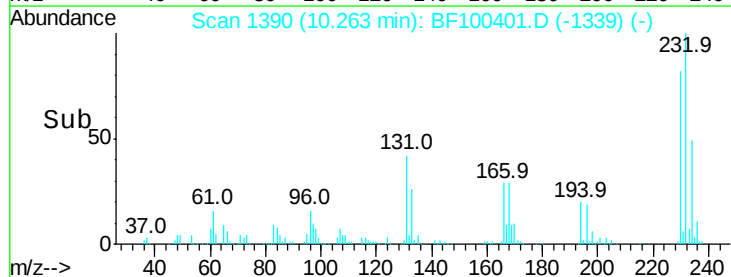
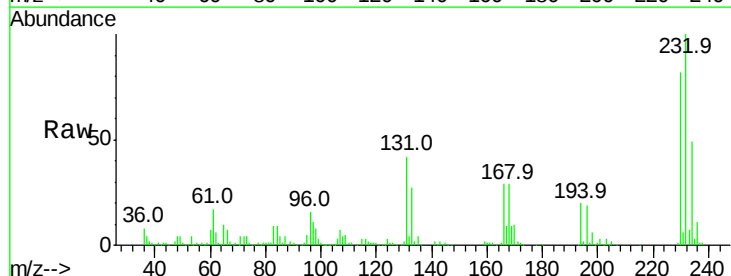
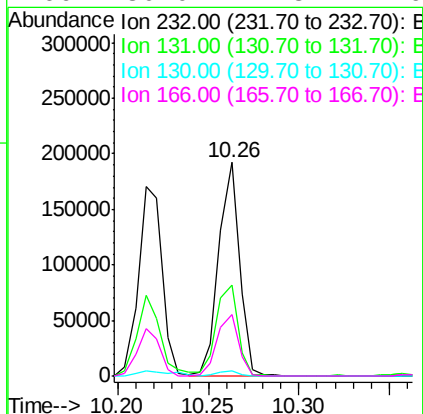
SOHIL

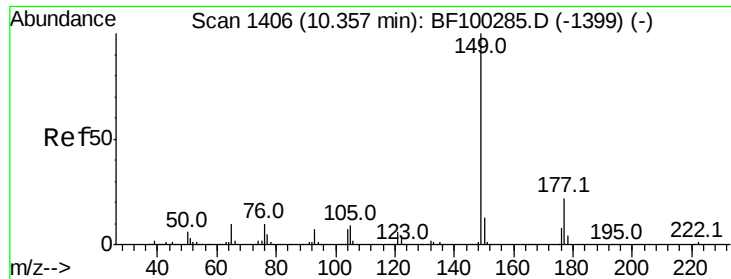
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.953 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.1	43.8	65.8	
130	2.2	2.1	3.1	
166	30.0	27.8	41.6	





#59
Diethylphthalate
Concen: 32.588 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

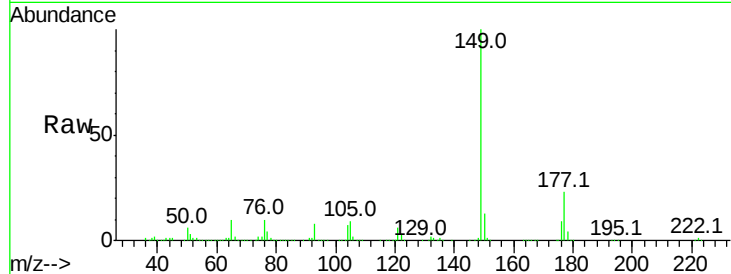
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.7	16.1	24.1
150	13.1	10.1	15.1

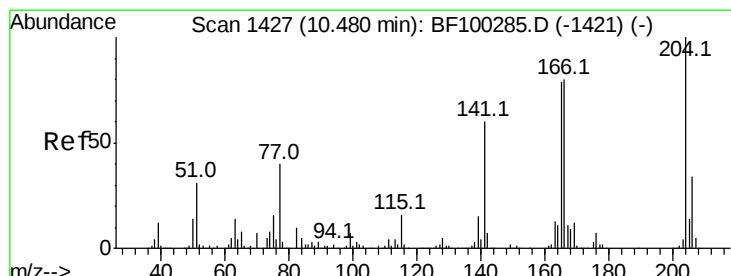
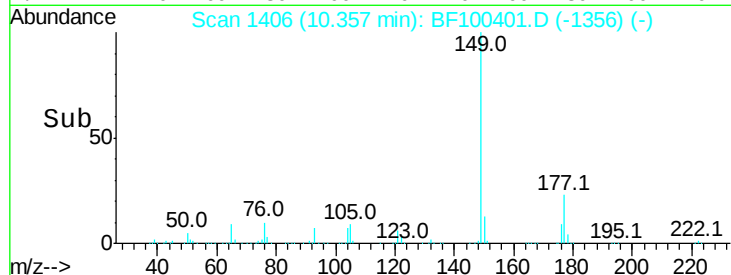
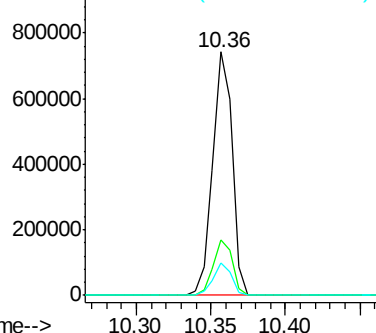
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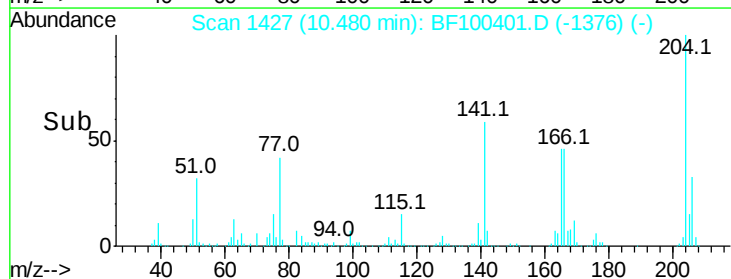
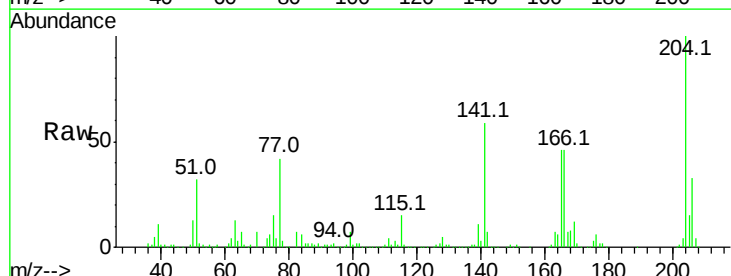
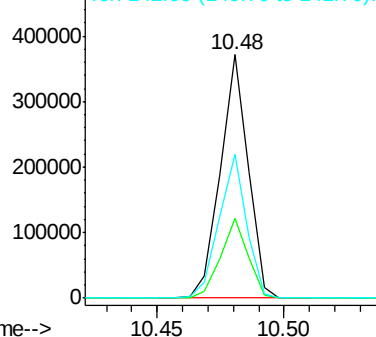
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 32.712 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.9	26.5	39.7
141	59.3	54.6	81.8

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





#61
4-Nitroaniline
Concen: 20.832 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

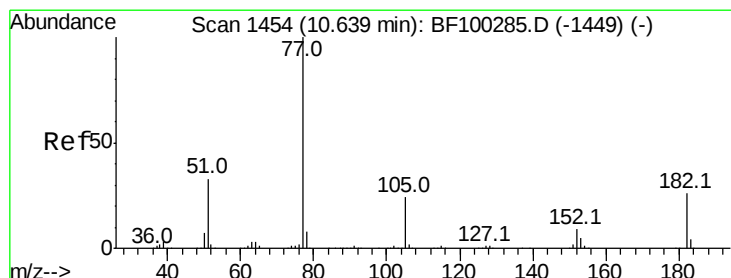
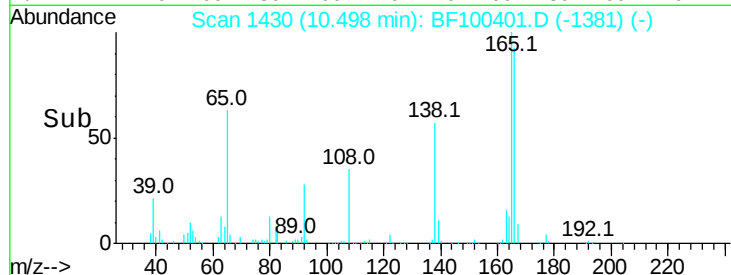
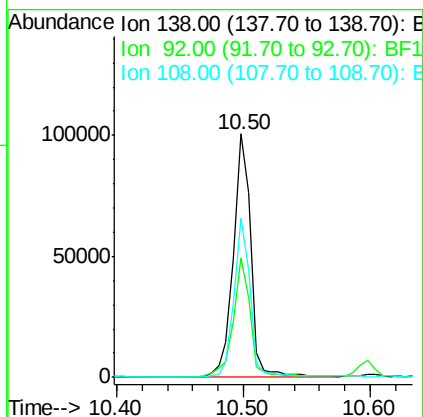
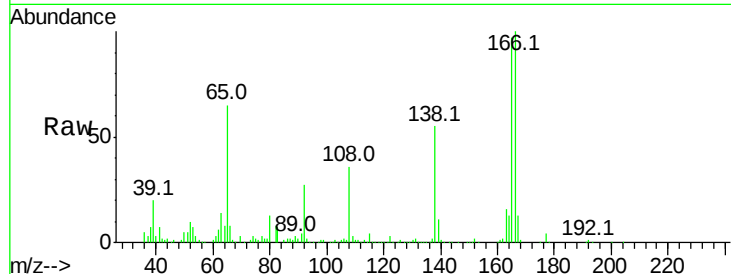
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.2	70.2
108	65.5	52.5	92.5

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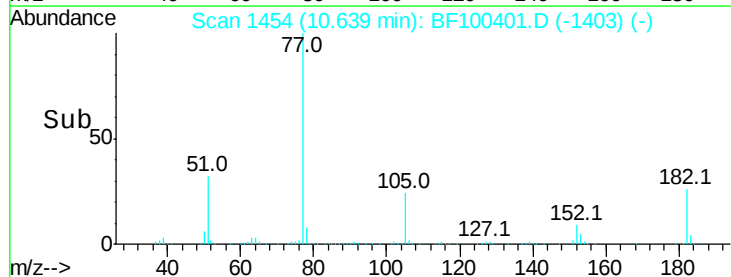
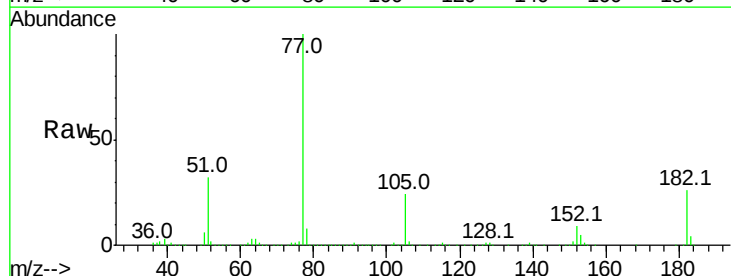
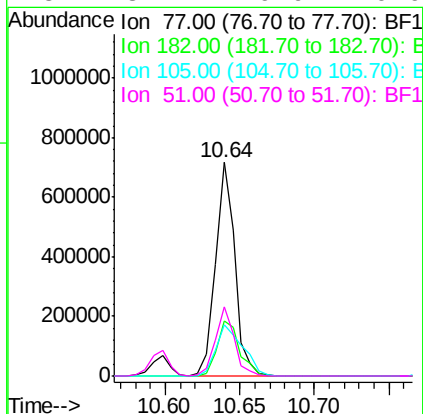
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#62
Azobenzene
Concen: 32.919 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	24.1	3.0	43.0
51	32.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

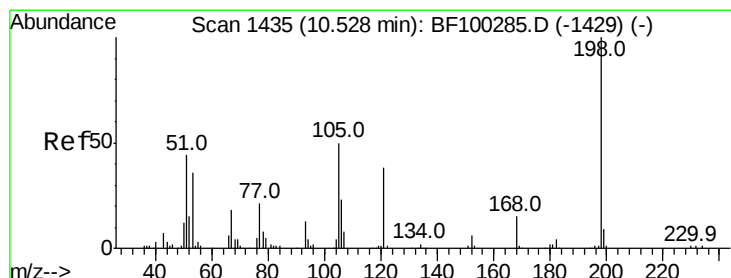
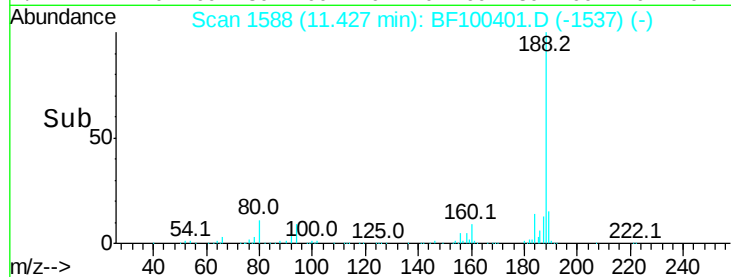
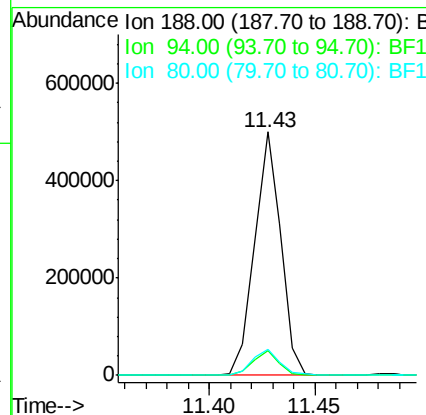
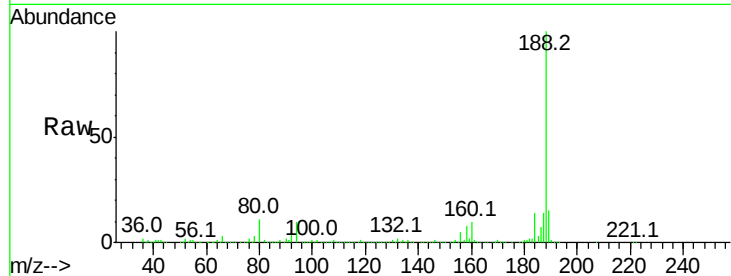
P002-S001-0001-01MSD

Tot Ion:188	Resp:	430911
Ion Ratio	Lower	Upper
188 100		
94 10.1	8.5	12.7
80 10.7	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 11.085 ng

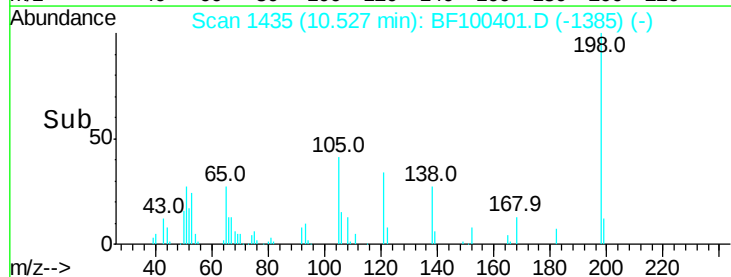
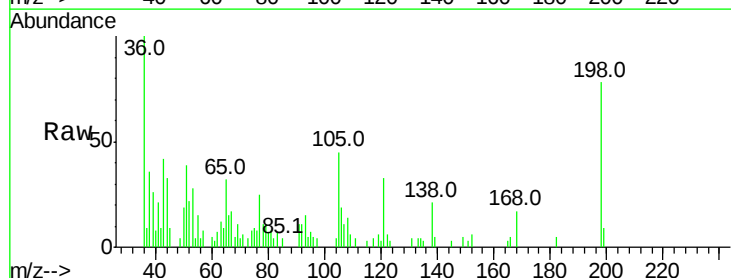
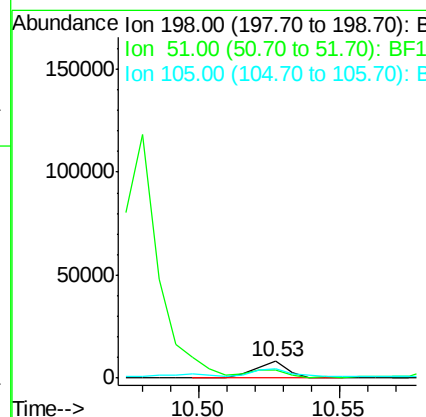
RT: 10.53 min Scan# 1435

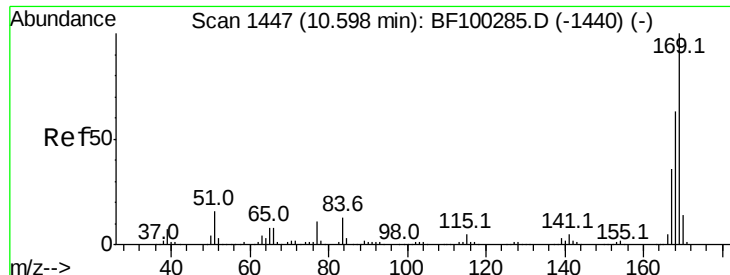
Delta R.T. -0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:198	Resp:	6661
Ion Ratio	Lower	Upper
198 100		
51 49.7	37.7	77.7
105 57.2	36.3	76.3





#65
 n-Nitrosodiphenylamine
 Concen: 34.218 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

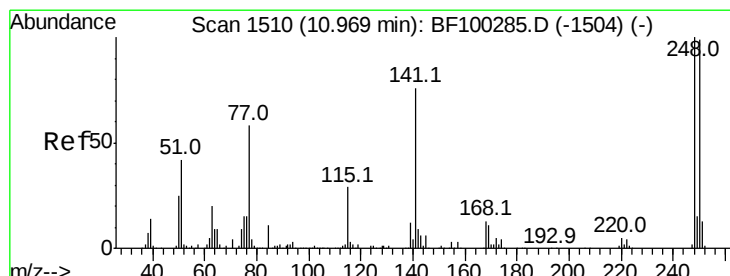
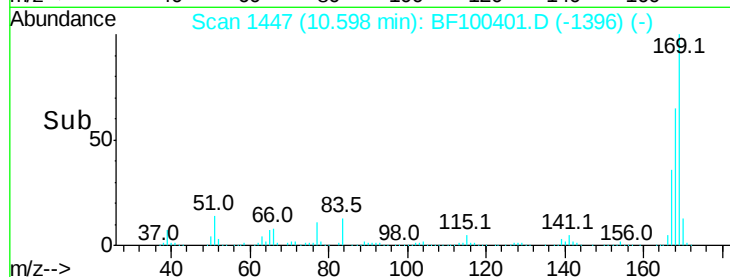
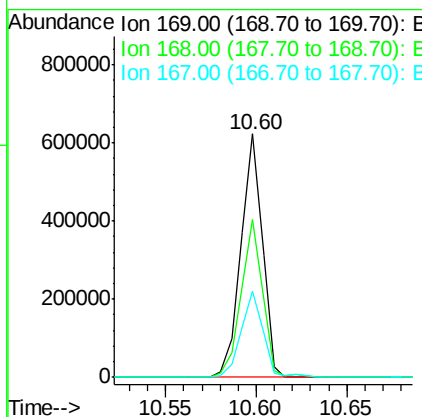
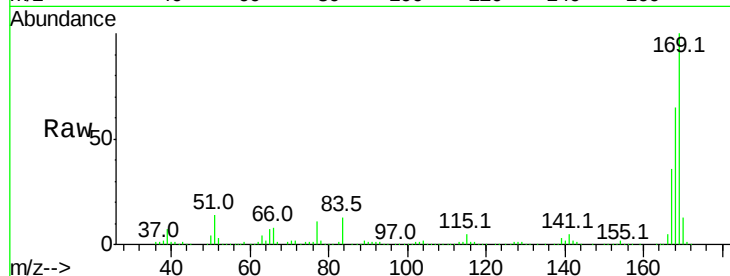
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	512695		
168	65.1		54.4	81.6
167	35.6		29.8	44.6

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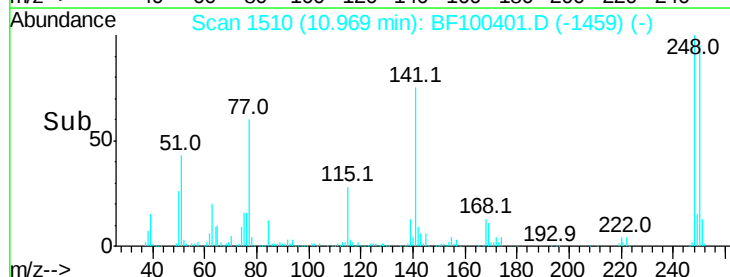
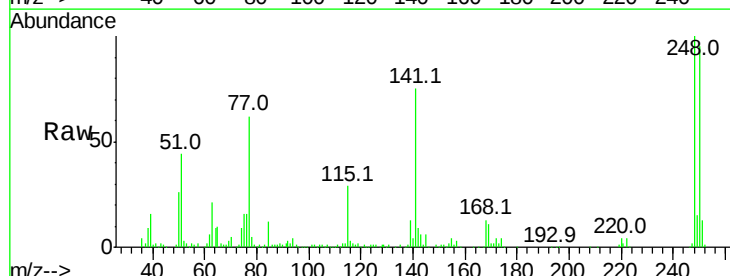
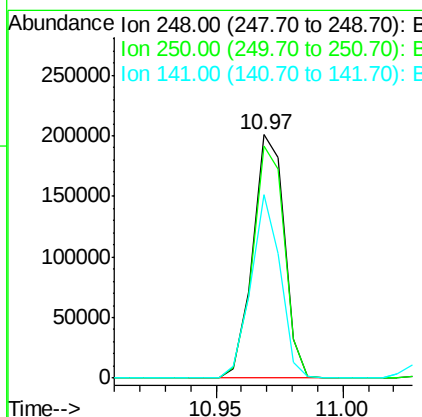
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#66
 4-Bromophenyl-phenylether
 Concen: 37.880 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174978		
250	95.5		76.9	115.3
141	75.2		74.4	111.6





#67
Hexachlorobenzene
Concen: 33.756 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

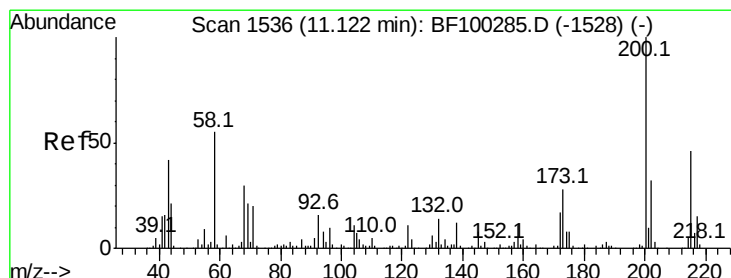
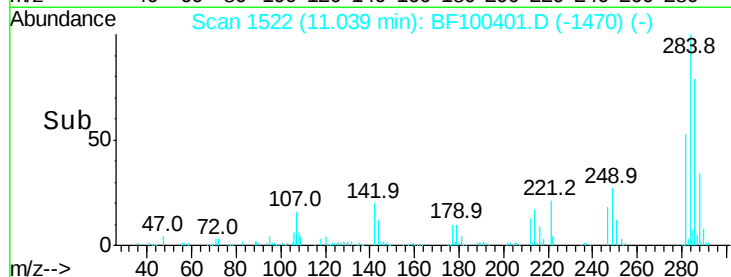
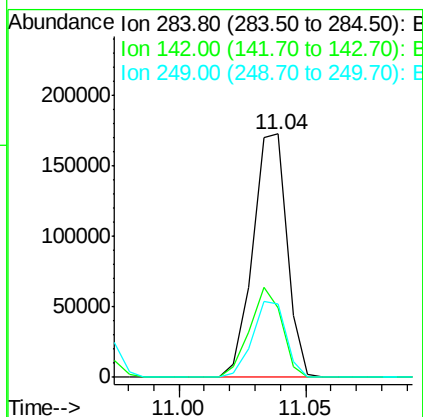
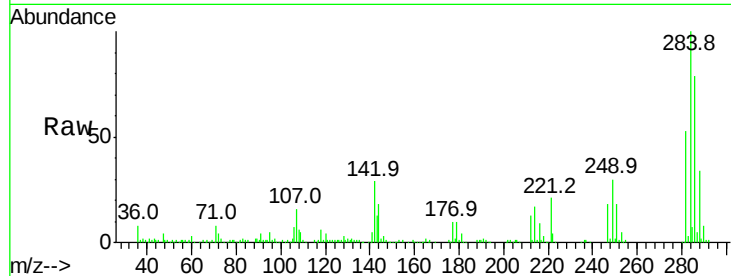
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	28.7	34.6	52.0#
249	30.2	24.8	37.2

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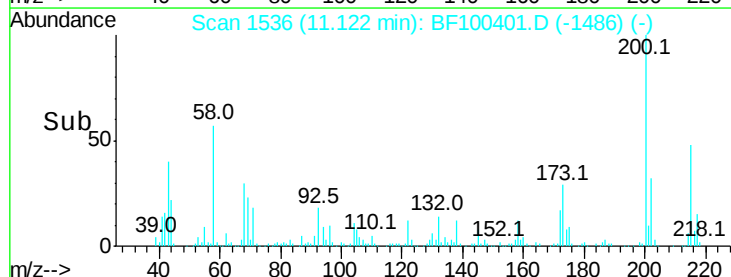
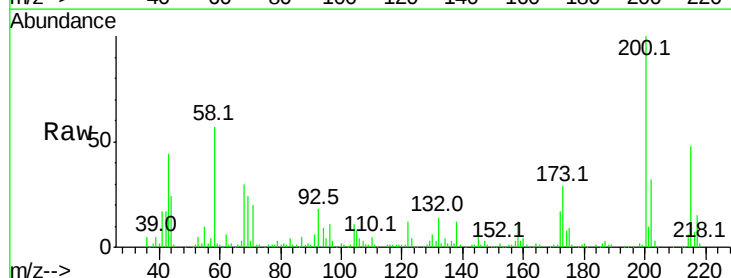
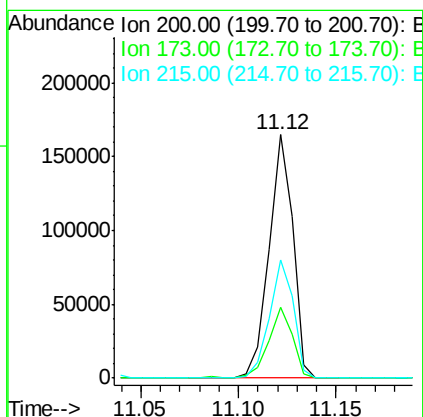
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#68
Atrazine
Concen: 30.840 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.6	48.6
215	48.3	25.1	65.1





#69
 Pentachlorophenol
 Concen: 53.773 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

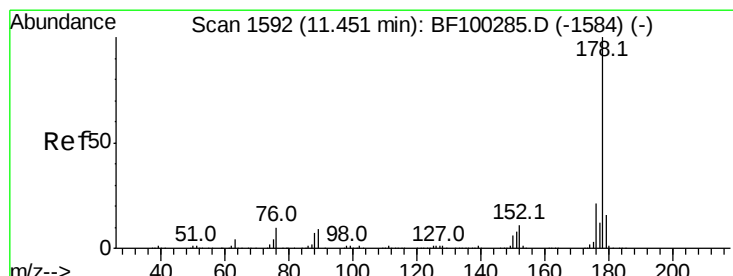
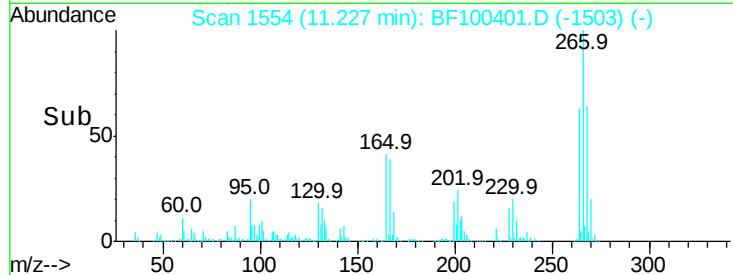
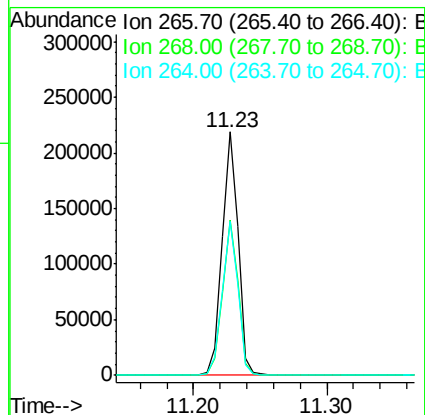
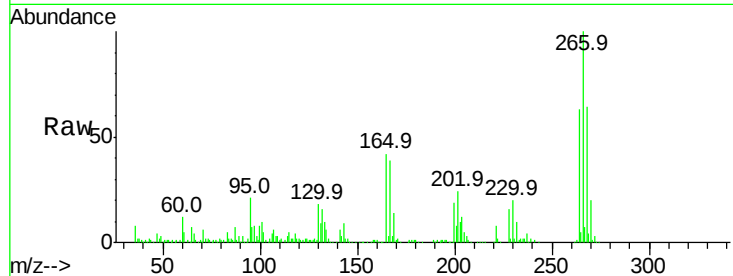
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion:	266	Resp:	186284
Ion Ratio		Lower	Upper
266	100		
268	63.7	51.1	76.7
264	63.3	49.5	74.3

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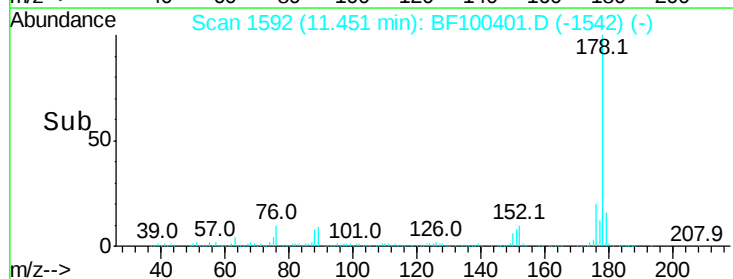
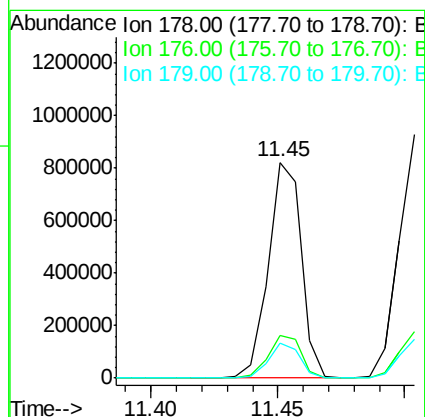
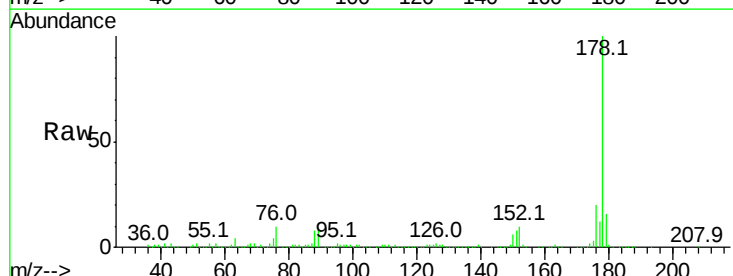
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#70
 Phenanthrene
 Concen: 33.004 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion:	178	Resp:	748787
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6





#71
 Anthracene
 Concen: 33.302 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

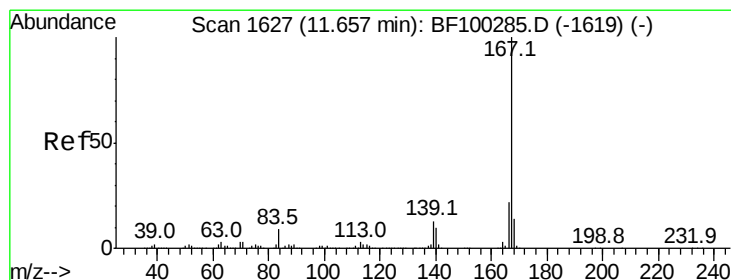
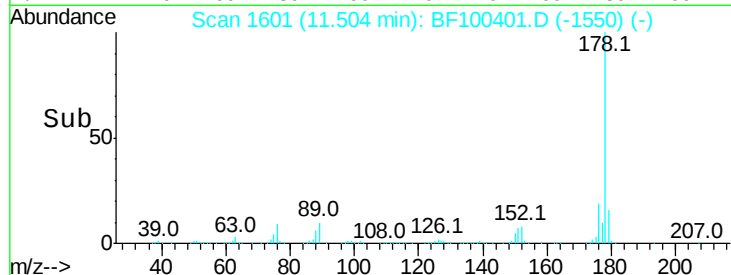
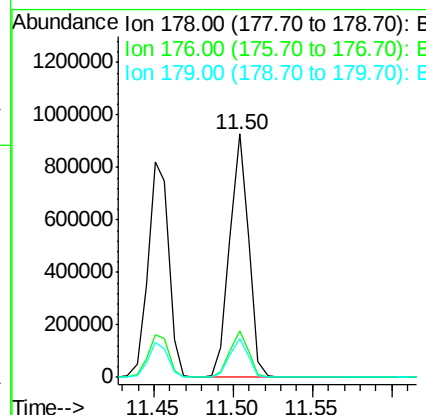
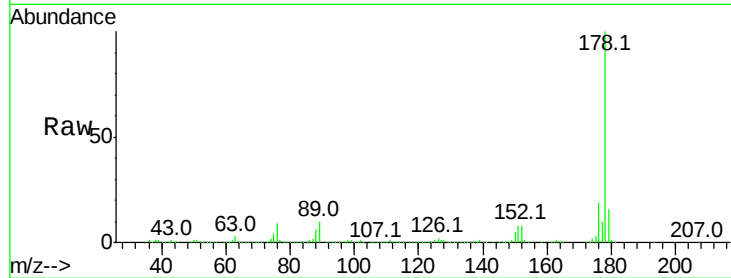
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

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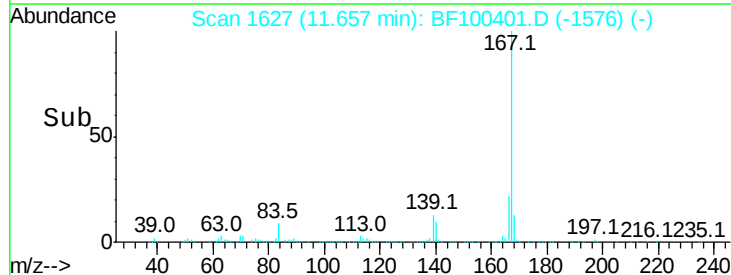
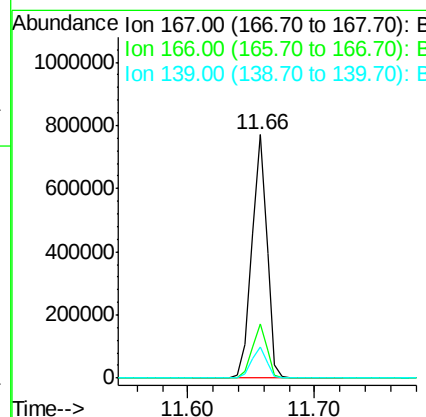
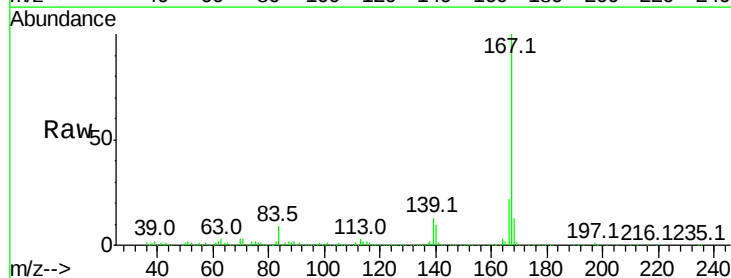
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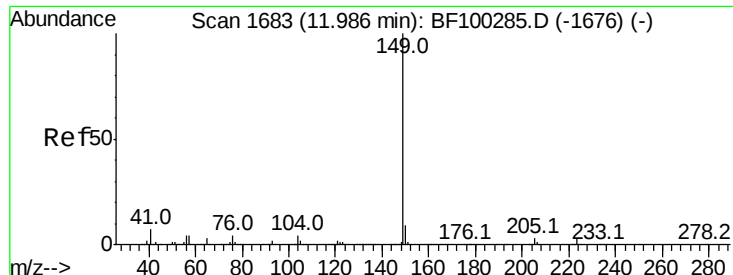
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#72
 Carbazole
 Concen: 29.971 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	12.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.045 ng

RT: 11.99 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

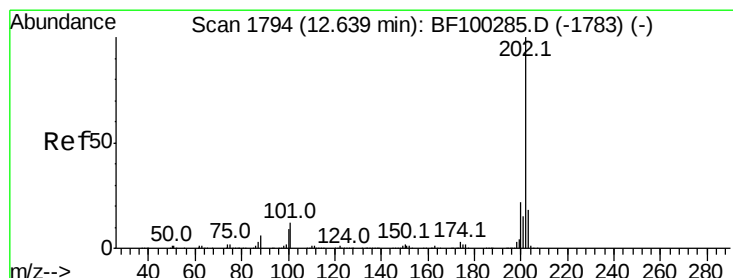
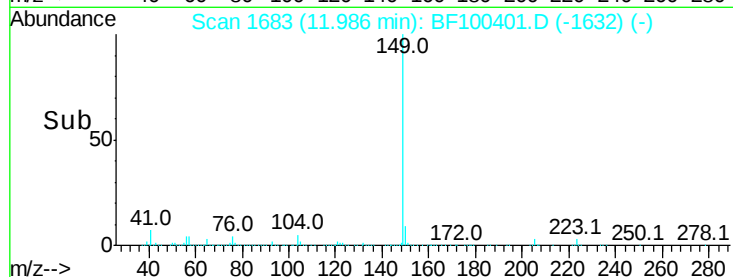
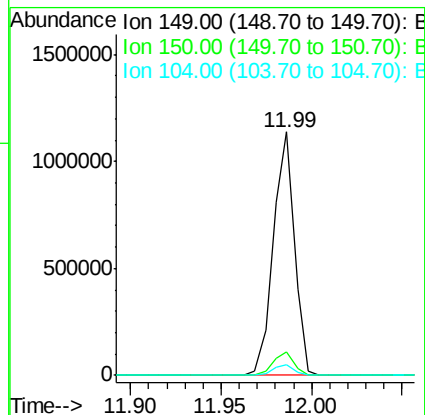
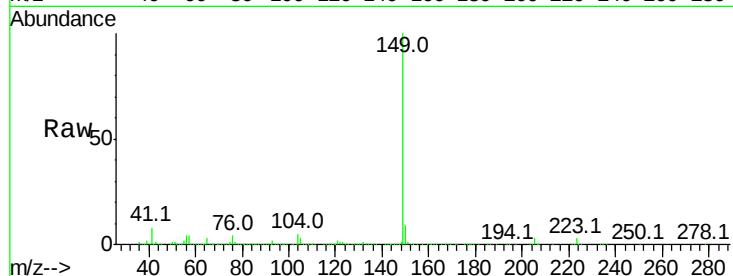
P002-S001-0001-01MSD

Tot Ion:	149	Resp:	920749
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 32.209 ng

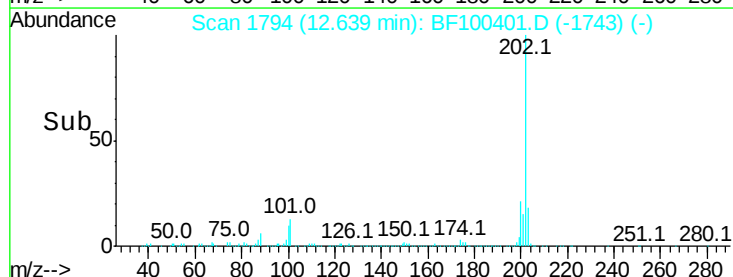
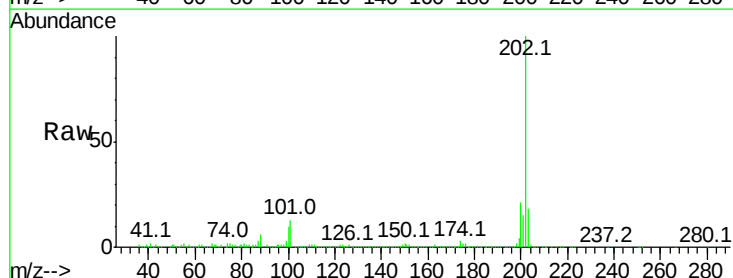
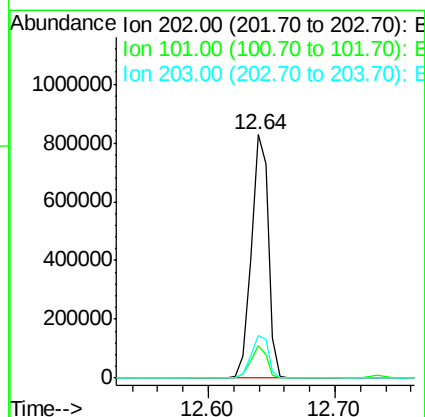
RT: 12.64 min Scan# 1794

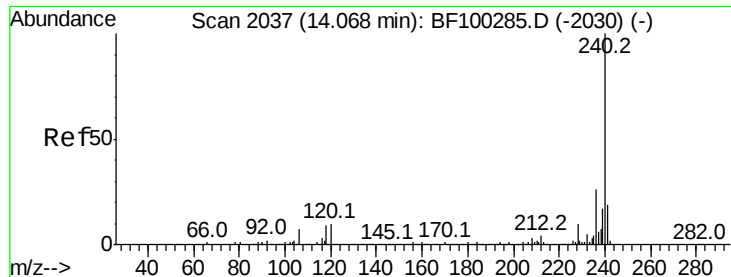
Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	202	Resp:	774474
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

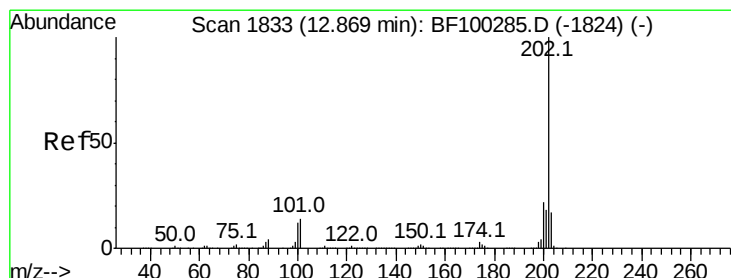
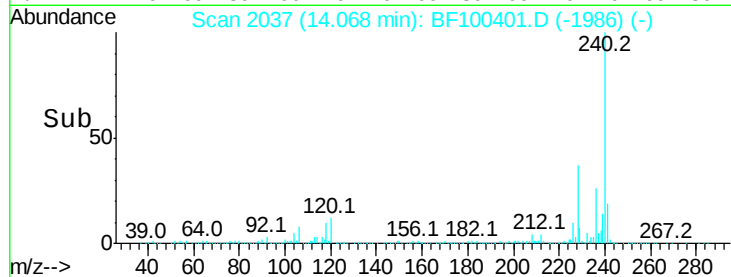
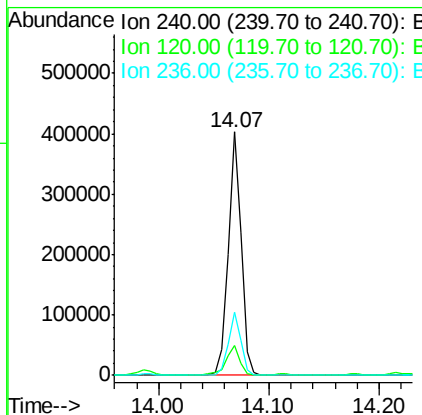
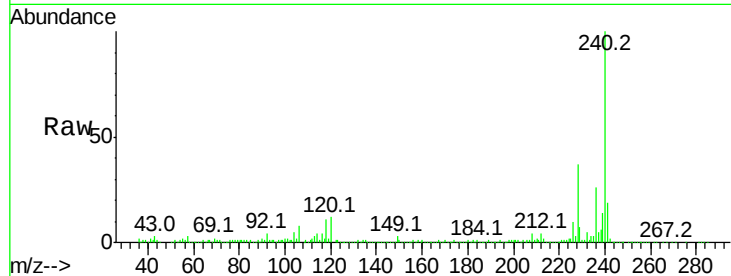
P002-S001-0001-01MSD

Tot Ion:	240	Resp:	332486
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.5	14.3
236	25.8	20.7	31.1

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#77

Pyrene

Concen: 33.905 ng

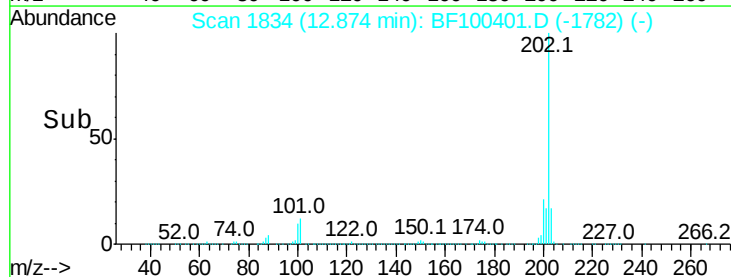
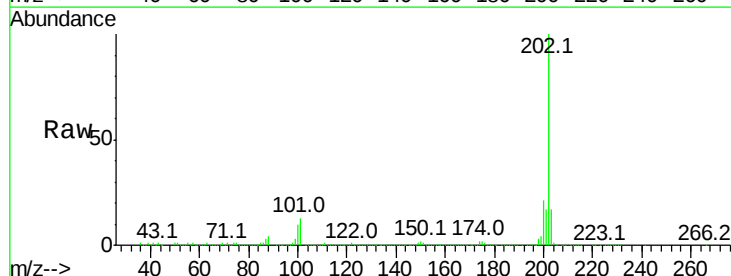
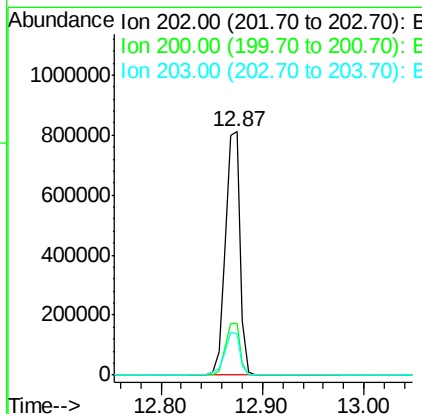
RT: 12.87 min Scan# 1834

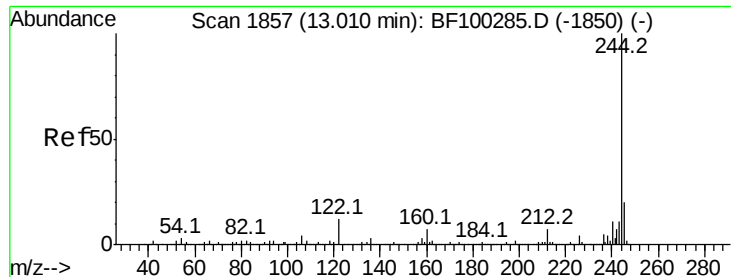
Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	202	Resp:	803572
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.4	26.2
203	17.0	14.3	21.5





#78

Terphenyl-d14

Concen: 65.887 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

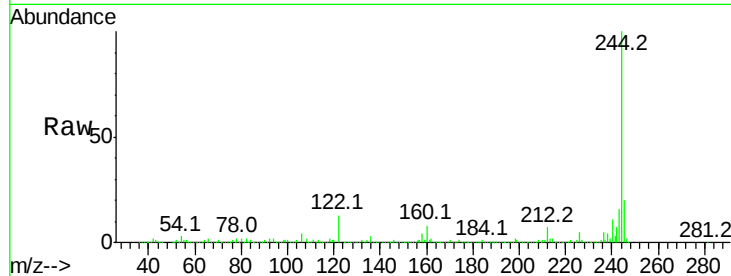
P002-S001-0001-01MSD

Tot Ion:	244	Resp:	953410
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4

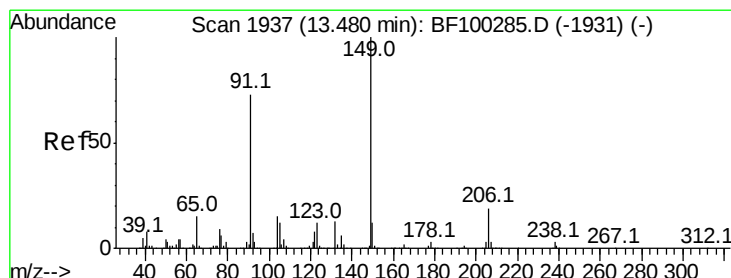
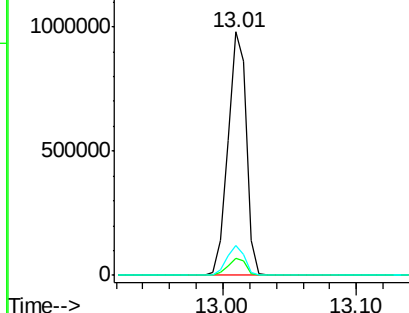
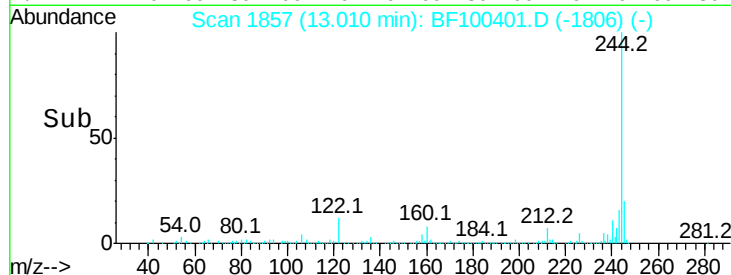
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 121.391 ng

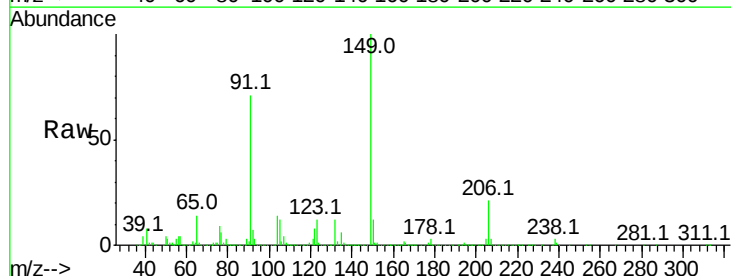
RT: 13.49 min Scan# 1939

Delta R.T. 0.01 min

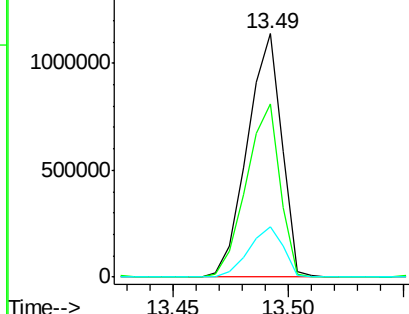
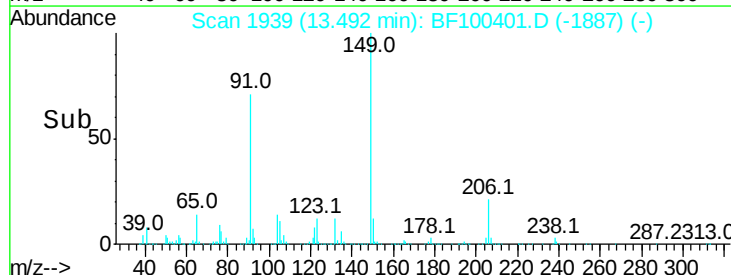
Lab File: BF100401.D

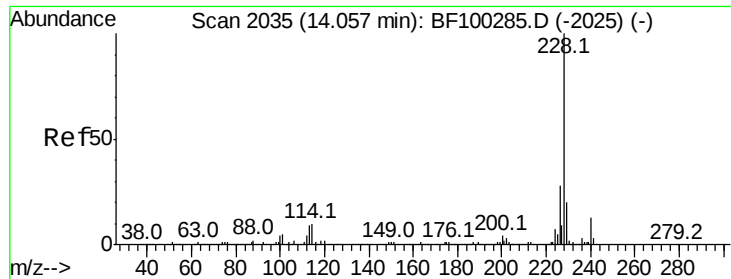
Acq: 10 Nov 2017 19:50

Tgt Ion:	149	Resp:	1173319
Ion Ratio		Lower	Upper
149	100		
91	71.0	56.8	85.2
206	20.6	14.1	21.1



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





#80
Benzo(a)anthracene
Concen: 32.663 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

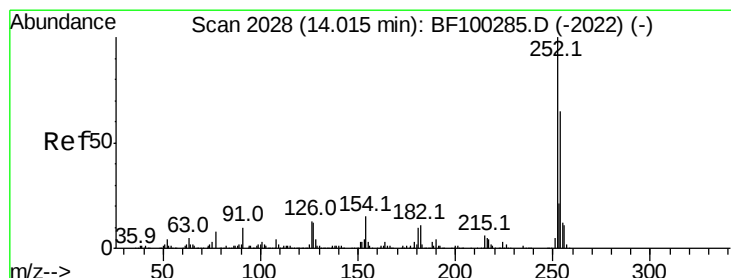
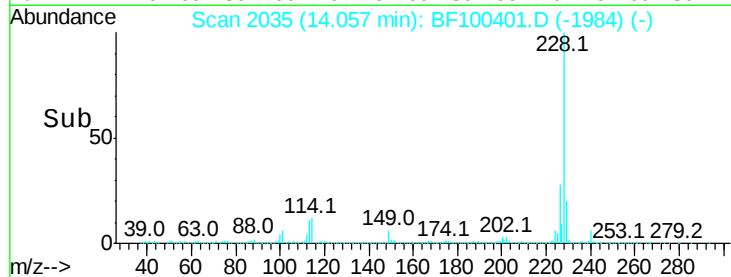
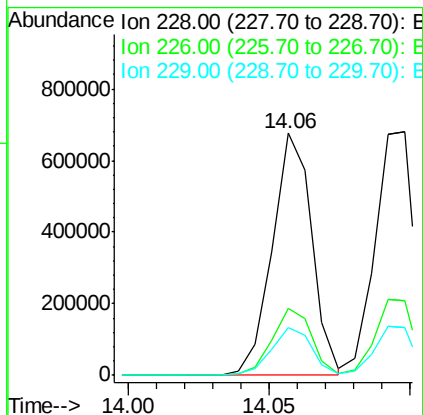
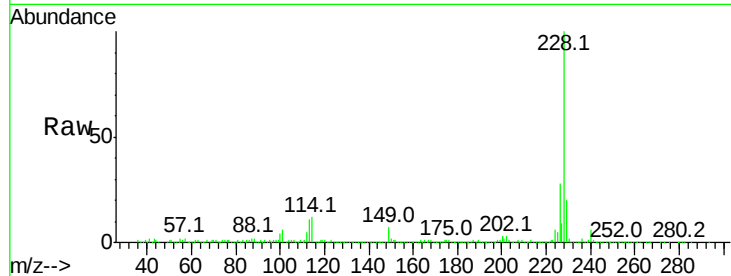
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion:	228	Resp:	653983
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	19.6	15.8	23.6

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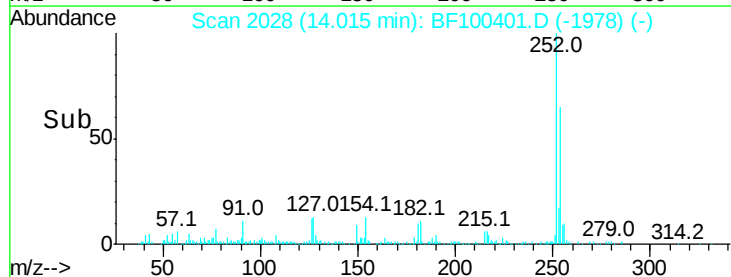
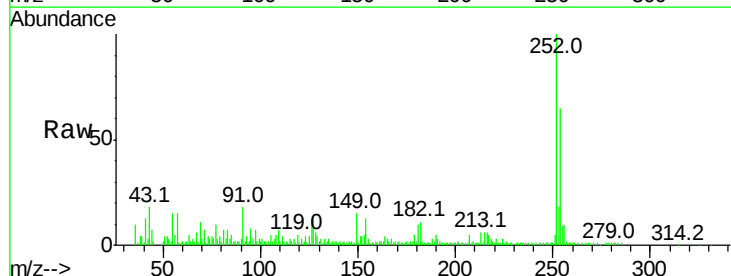
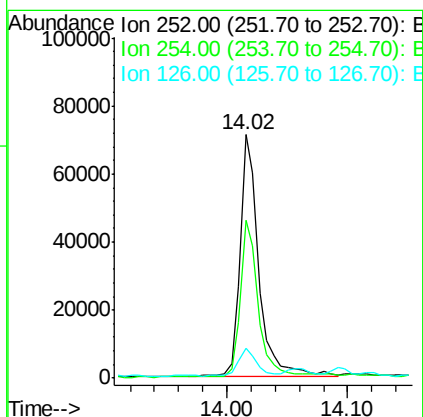
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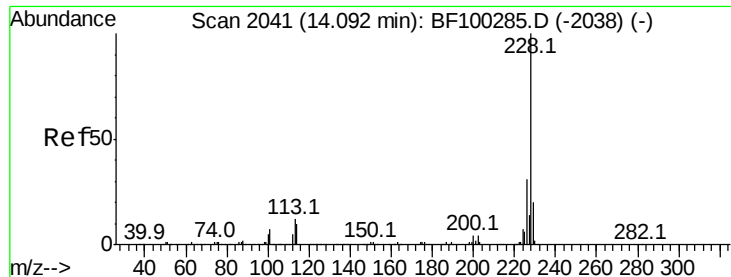
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#81
3,3'-Dichlorobenzidine
Concen: 10.780 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion:	252	Resp:	77331
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.4	75.6
126	12.4	11.3	16.9





#82
 Chrysene
 Concen: 33.637 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

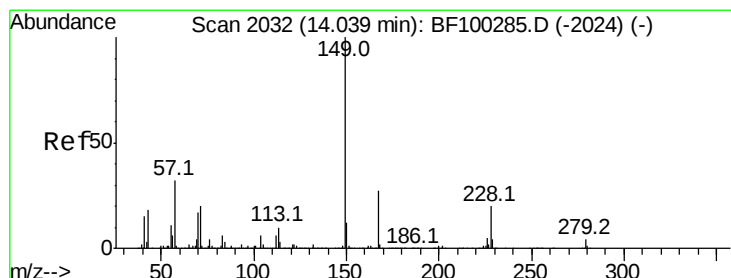
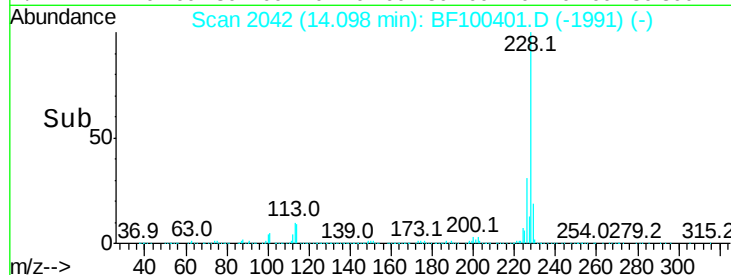
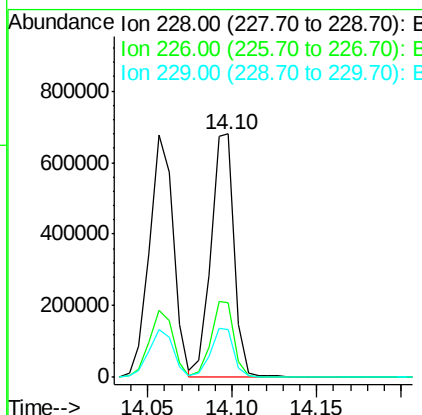
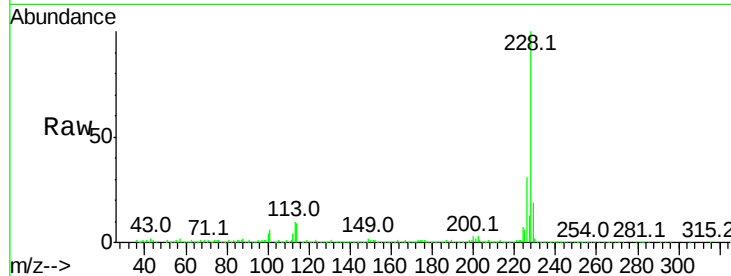
Instrument :
 BNA_F
 ClientSampleId :
 P002-S001-0001-01MSD

Tot Ion:	228	Resp:	652179
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	19.4	16.2	24.4

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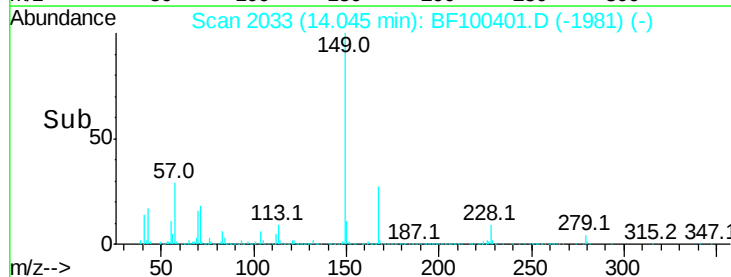
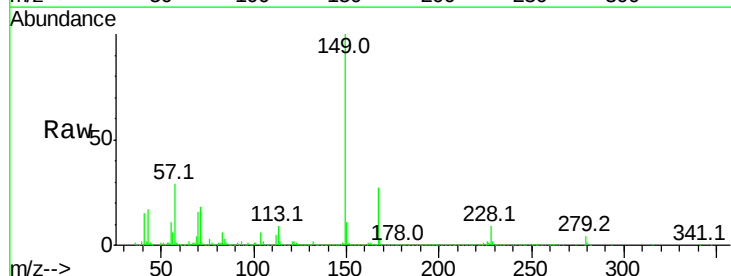
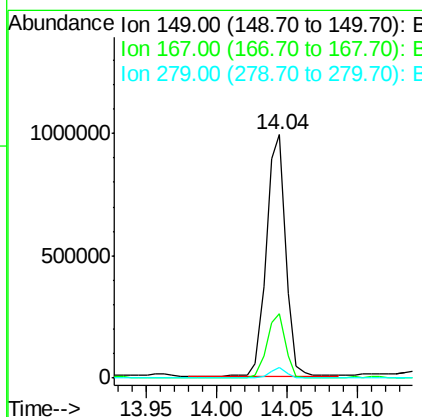
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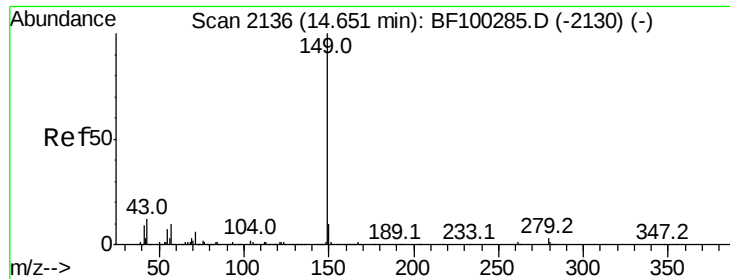
11/13/2017 4:43:25 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 75.877 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF100401.D
 Acq: 10 Nov 2017 19:50

Tgt Ion:	149	Resp:	964586
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.3	31.9
279	4.1	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 61.342 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

P002-S001-0001-01MSD

Tot Ion:149 Resp: 1339668

Ion Ratio Lower Upper

149 100

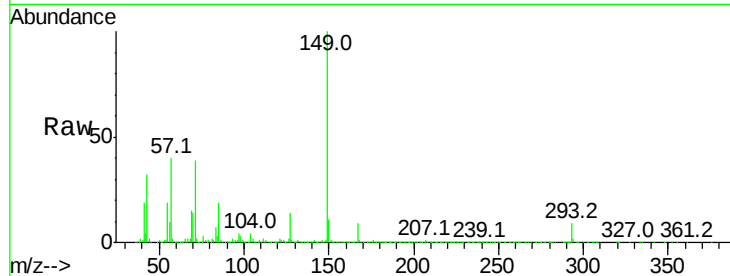
167 17.2 1.2 1.8#

43 30.9 8.4 12.6#

Manual Integrations
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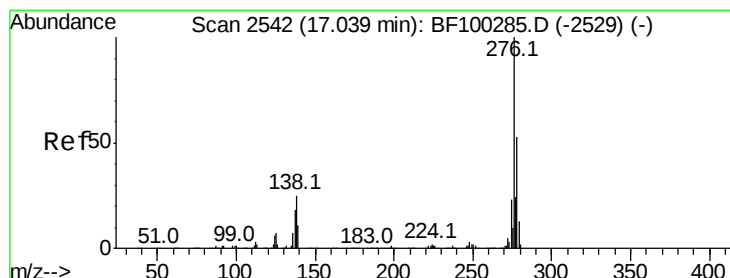
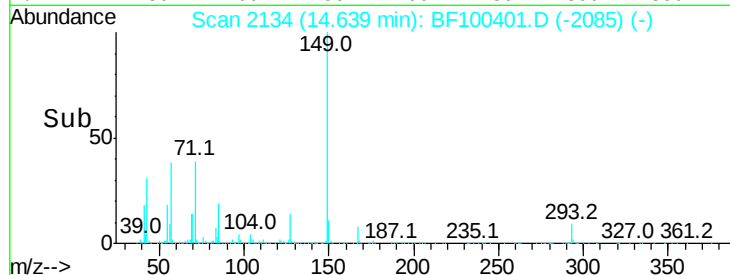
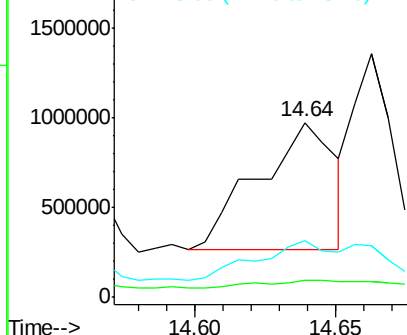
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 28.991 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

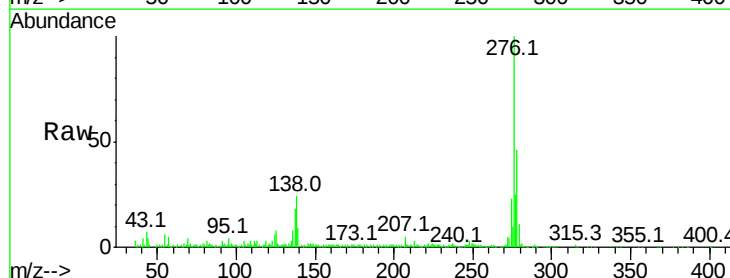
Tgt Ion:276 Resp: 454654

Ion Ratio Lower Upper

276 100

138 26.6 25.0 37.6

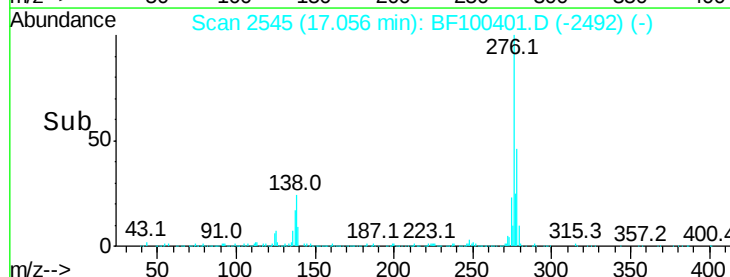
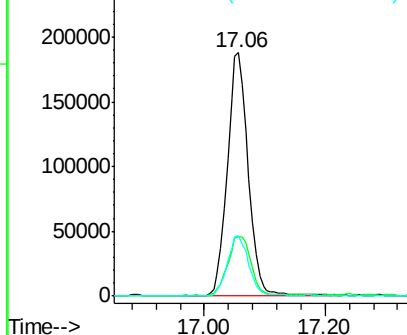
277 25.6 20.1 30.1

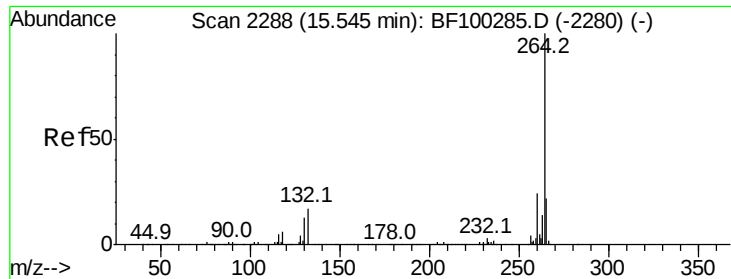


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.02 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

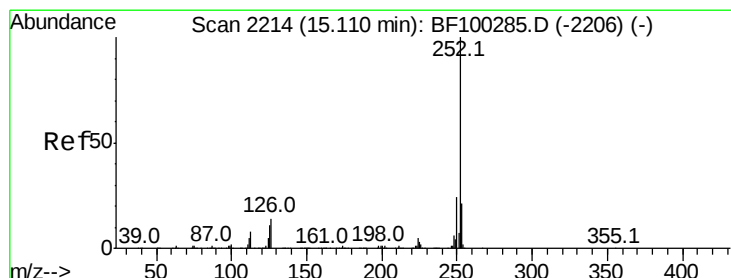
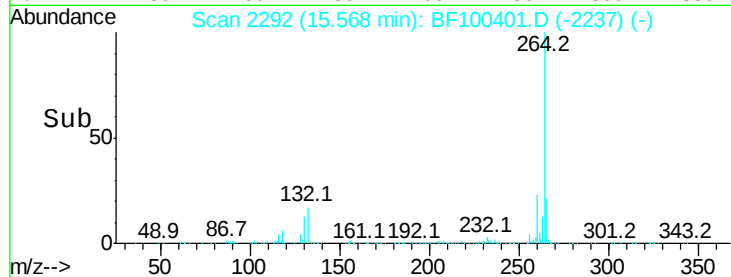
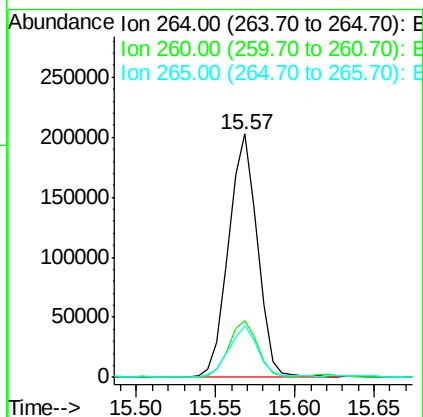
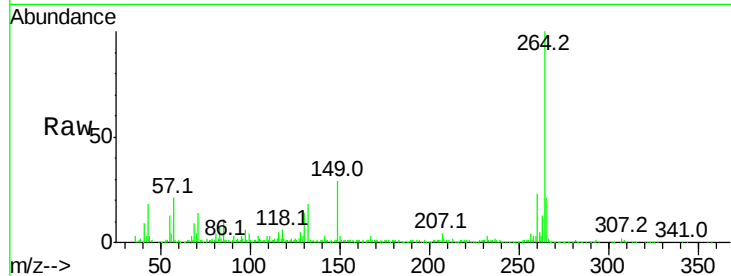
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	17.5	26.3

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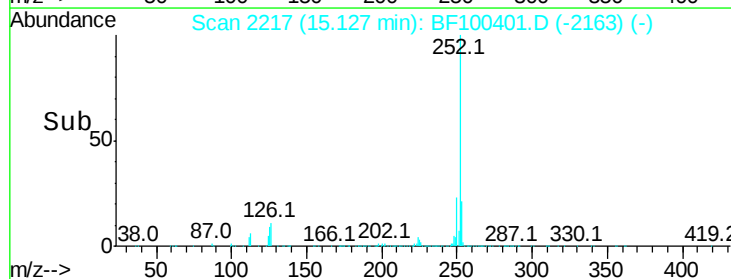
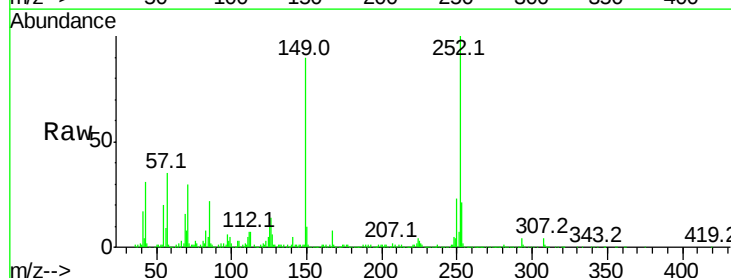
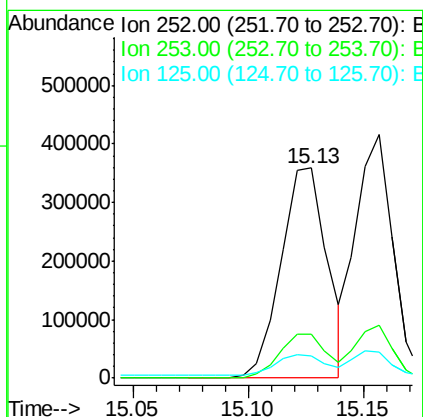
SOHIL

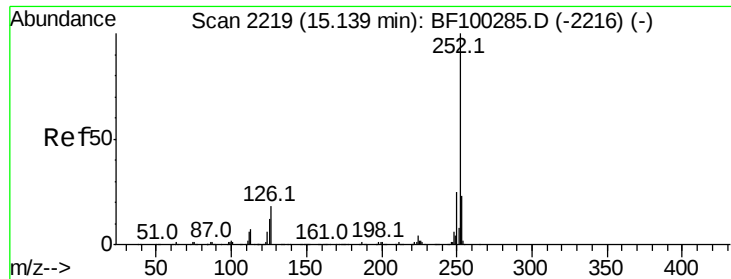
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#87
Benzo(b)fluoranthene
Concen: 32.703 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	10.5	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 32.076 ng

RT: 15.16 min Scan# 2222

Delta R.T. 0.01 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Instrument :

BNA_F

ClientSampleId :

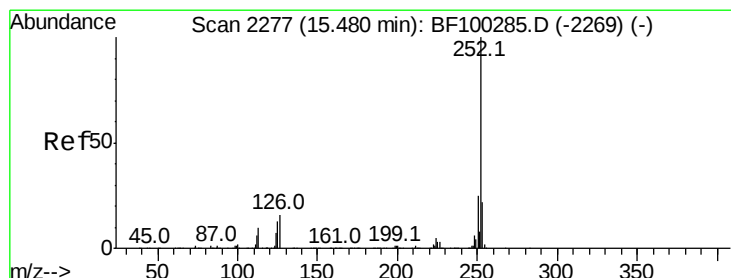
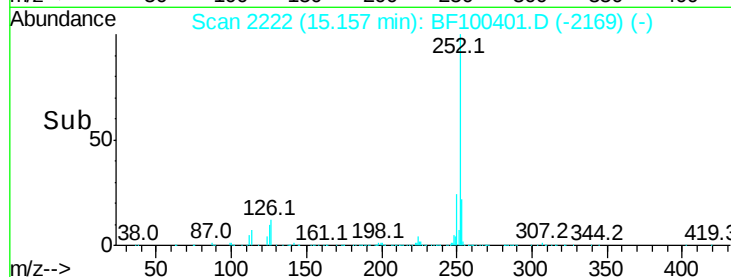
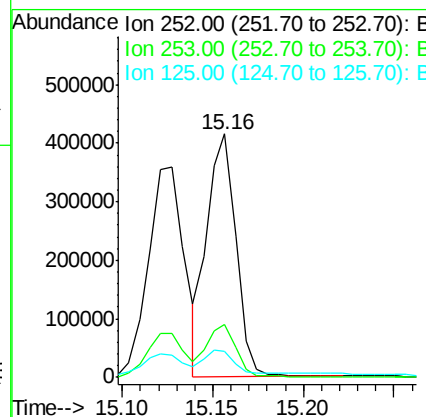
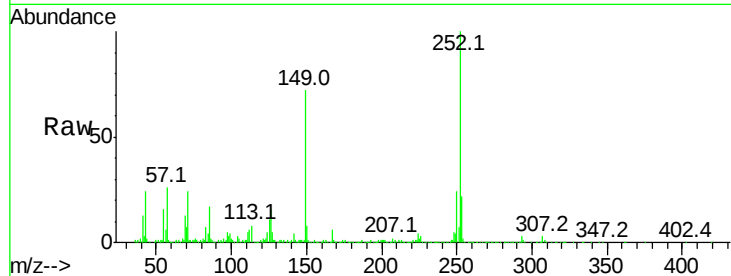
P002-S001-0001-01MSD

Tot Ion:	252	Resp:	460612
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	10.9	10.2	15.2

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 34.507 ng

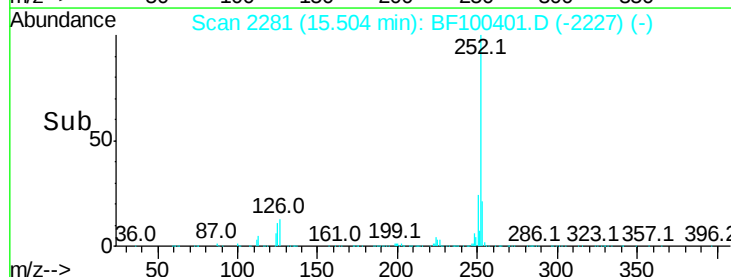
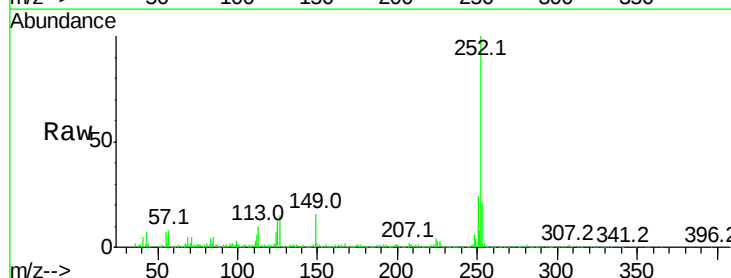
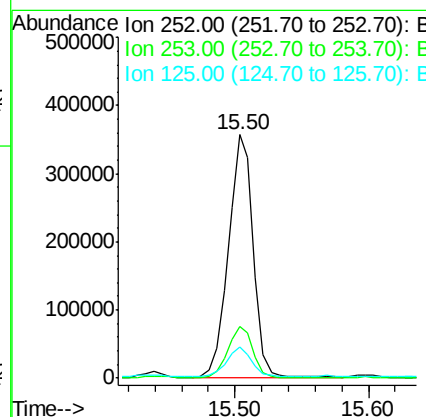
RT: 15.50 min Scan# 2281

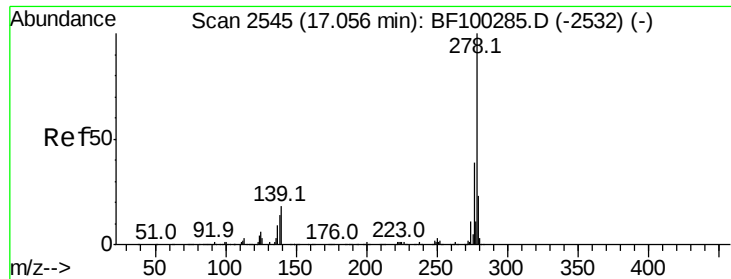
Delta R.T. 0.02 min

Lab File: BF100401.D

Acq: 10 Nov 2017 19:50

Tgt Ion:	252	Resp:	464929
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.1	25.7
125	13.0	9.8	14.6





#90
Dibenzo(a,h)anthracene
Concen: 33.592 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

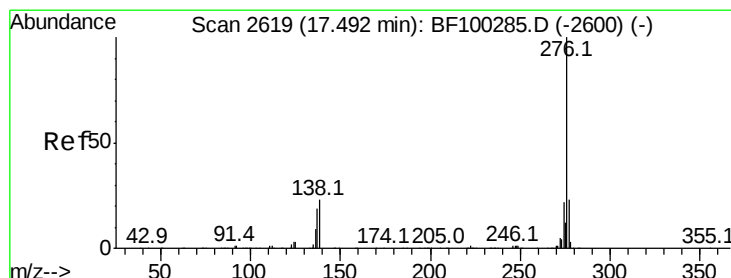
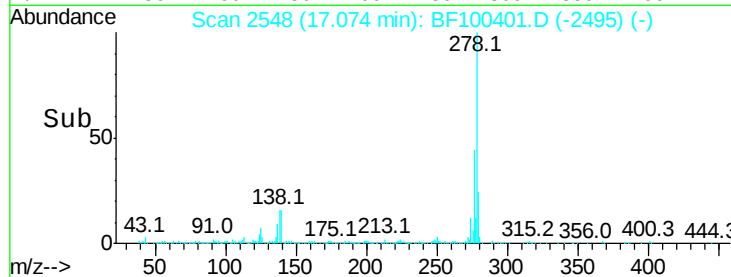
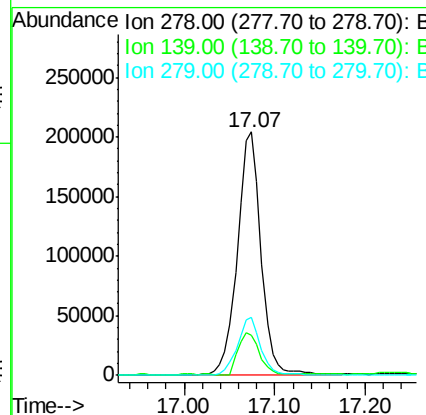
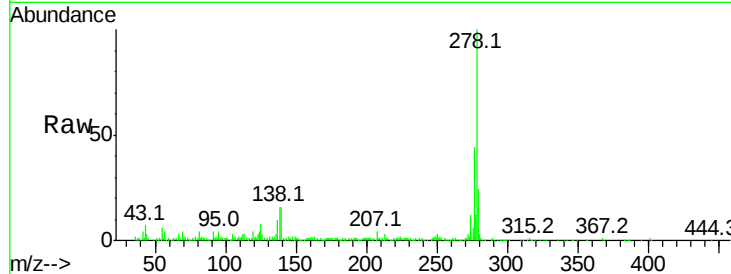
Instrument :
BNA_F
ClientSampleId :
P002-S001-0001-01MSD

Tot Ion:	278	Resp:	370150
Ion Ratio	Lower	Upper	
278	100		
139	16.3	15.9	23.9
279	24.1	19.0	28.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 34.597 ng
RT: 17.51 min Scan# 2622
Delta R.T. 0.01 min
Lab File: BF100401.D
Acq: 10 Nov 2017 19:50

Tgt Ion:	276	Resp:	373172
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	24.8	21.8	32.8

