

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110617\
 Data File : BF100268.D
 Acq On : 6 Nov 2017 23:08
 Operator : SJ/JU
 Sample : I6332-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Manual Integrations
 APPROVED

Sohil
 11/7/2017 5:40:00 PM

Quant Time: Nov 07 10:55:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98464	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	405251	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	193487	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	330235	20.00	ng	0.00
75) Chrysene-d12	13.94	240	166134	20.00	ng	0.00
86) Perylene-d12	15.41	264	171078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	397251	63.34	ng	0.02
7) Phenol-d6	6.42	99	281018	37.79	ng	0.00
23) Nitrobenzene-d5	7.34	82	516086	81.99	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	202515	114.85	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1016844	81.08	ng	0.00
78) Terphenyl-d14	12.87	244	851089	111.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	42091	15.198	ng	# 87
3) Pyridine	3.40	79	58310m	8.755	ng	
4) n-Nitrosodimethylamine	3.27	42	33617m	14.129	ng	
6) Aniline	6.44	93	148547	15.406	ng	# 77
8) 2-Chlorophenol	6.56	128	261222	39.080	ng	90
9) Benzaldehyde	6.35	77	152974m	34.424	ng	
10) Phenol	6.43	94	111588	13.667	ng	# 1
11) bis(2-Chloroethyl)ether	6.50	93	282691	44.836	ng	92
12) 1,3-Dichlorobenzene	6.70	146	343807m	45.809	ng	
13) 1,4-Dichlorobenzene	6.77	146	349417	45.872	ng	98
14) 1,2-Dichlorobenzene	6.93	146	317814	45.780	ng	98
15) Benzyl Alcohol	6.92	79	130668	27.629	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	363998	51.970	ng	92
17) 2-Methylphenol	7.04	107	172914	30.926	ng	# 89
18) Hexachloroethane	7.26	117	118311	46.555	ng	96
19) n-Nitroso-di-n-propylamine	7.18	70	200722	46.059	ng	89
20) 3+4-Methylphenols	7.20	107	209901	32.241	ng	98
22) Acetophenone	7.18	105	420641	45.587	ng	# 90
24) Nitrobenzene	7.36	77	299646	47.245	ng	89
25) Isophorone	7.59	82	562290	49.228	ng	96
26) 2-Nitrophenol	7.67	139	172510	47.489	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	312101	58.311	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	385314	48.168	ng	100
29) 2,4-Dichlorophenol	7.92	162	263352	47.364	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	274129	46.143	ng	98
31) Naphthalene	8.06	128	900308	46.024	ng	99
32) Benzoic acid	7.87	122	51729	10.980	ng	96
33) 4-Chloroaniline	8.13	127	151399	18.743	ng	# 94
34) Hexachlorobutadiene	8.17	225	136246	44.587	ng	99
35) Caprolactam	8.57	113	12556m	7.181	ng	
36) 4-Chloro-3-methylphenol	8.62	107	244341	43.055	ng	90
37) 2-Methylnaphthalene	8.76	142	621593	47.417	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	258984	41.443	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	47338	45.859	ng	99

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Sohil
 11/7/2017 5:40:00 PM

Quant Time: Nov 07 10:55:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	167330	44.267	ng	98
43) 2,4,5-Trichlorophenol	9.10	196	155731	38.823	ng	94
45) 1,1'-Biphenyl	9.22	154	734603	41.968	ng	98
46) 2-Chloronaphthalene	9.25	162	583947	45.937	ng	95
47) 2-Nitroaniline	9.36	65	151079	45.283	ng	90
48) Acenaphthylene	9.66	152	858245	43.835	ng	100
49) Dimethylphthalate	9.53	163	676065	44.122	ng	100
50) 2,6-Dinitrotoluene	9.60	165	152293	47.279	ng #	92
51) Acenaphthene	9.83	154	526345	43.997	ng	98
52) 3-Nitroaniline	9.79	138	78371	20.649	ng	90
53) 2,4-Dinitrophenol	9.91	184	128135	99.257	ng #	85
54) Dibenzofuran	10.00	168	794930	47.074	ng	99
56) 2,4-Dinitrotoluene	10.02	165	209166	53.920	ng #	80
57) Fluorene	10.35	166	617838	44.189	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	129097	45.902	ng	89
59) Diethylphthalate	10.22	149	643076	42.977	ng	96
60) 4-Chlorophenyl-phenylether	10.33	204	294814	44.803	ng	94
61) 4-Nitroaniline	10.41	138	139852	38.621	ng	81
62) Azobenzene	10.50	77	555291	44.270	ng	89
64) 4,6-Dinitro-2-methylphenol	10.44	198	77193	37.186	ng #	74
65) n-Nitrosodiphenylamine	10.46	169	555652	45.581	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	169353	48.713	ng #	87
67) Hexachlorobenzene	10.90	284	167372	47.058	ng #	87
68) Atrazine	10.99	200	167170	45.652	ng	99
69) Pentachlorophenol	11.11	266	108197	71.192	ng	99
70) Phenanthrene	11.32	178	855413	45.899	ng	99
71) Anthracene	11.37	178	894126	47.265	ng	99
72) Carbazole	11.53	167	813240	45.715	ng	99
73) Di-n-butylphthalate	11.84	149	991690	43.706	ng #	98
74) Fluoranthene	12.51	202	801230	41.369	ng	98
76) Benzidine	12.64	184	63945	8.796	ng	98
77) Pyrene	12.74	202	796368	63.040	ng	99
79) Butylbenzylphthalate	13.34	149	340897	54.800	ng #	86
80) Benzo(a)anthracene	13.93	228	486592	46.202	ng	98
81) 3,3'-Dichlorobenzidine	13.89	252	110597	28.929	ng	96
82) Chrysene	13.97	228	469792	47.448	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	425161	48.668	ng	98
84) Di-n-octyl phthalate	14.50	149	584294	38.969	ng #	93
85) Indeno(1,2,3-cd)pyrene	16.87	276	560390	61.652	ng	97
87) Benzo(b)fluoranthene	14.98	252	434469	40.218	ng	97
88) Benzo(k)fluoranthene	15.01	252	481352	47.253	ng	98
89) Benzo(a)pyrene	15.34	252	466001	48.022	ng	98
90) Dibenzo(a,h)anthracene	16.86	278	471422	54.673	ng	97
91) Benzo(g,h,i)perylene	17.32	276	486669	57.690	ng	98

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

```

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Operator  : SJ/JU
Sample    : I6332-03MSD
Misc      :
ALS Vial  : 16      Sample Multiplier: 1

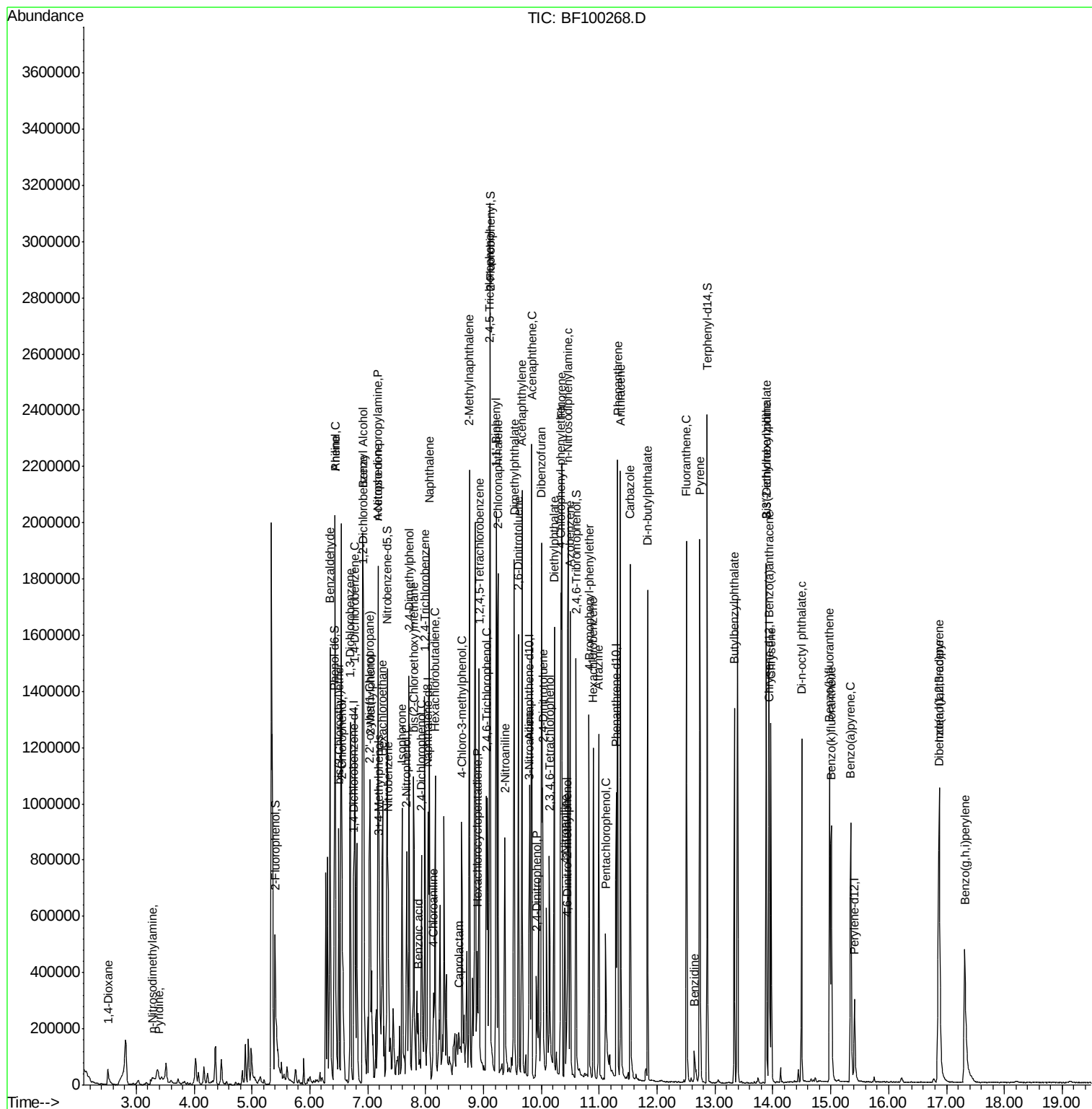
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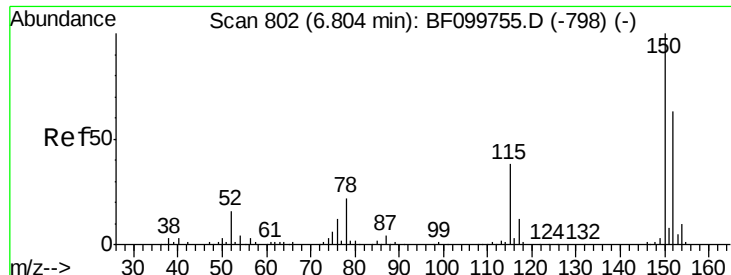
Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Manual Integrations APPROVED

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11/7/2017 5:40:00 PM

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#1

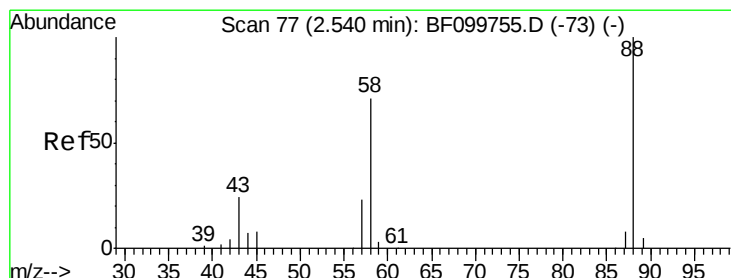
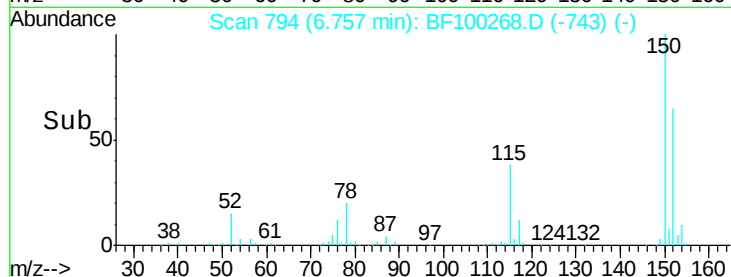
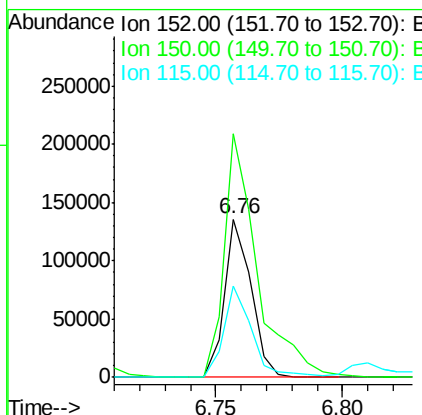
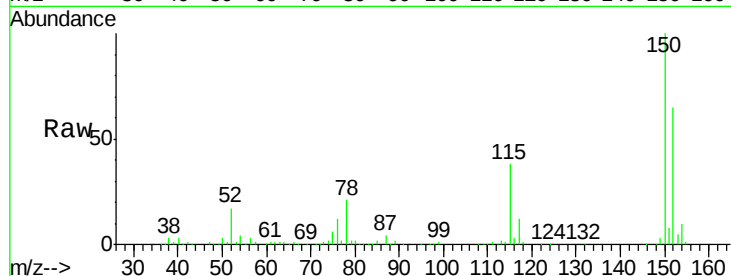
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	58.0	50.1	75.1

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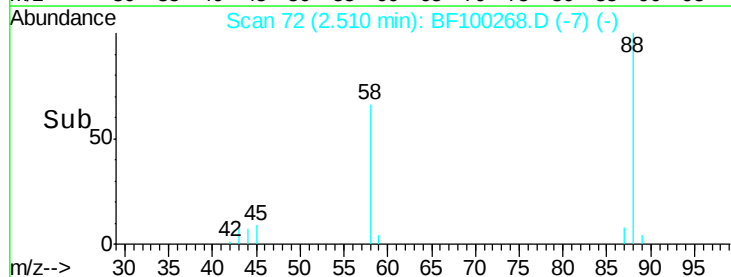
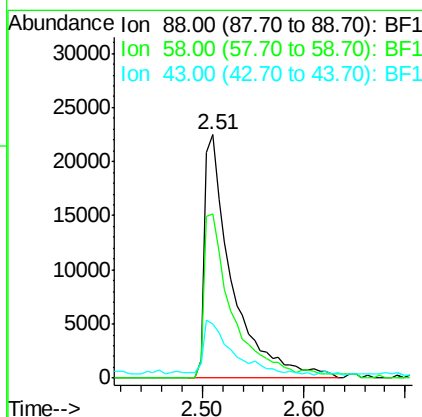
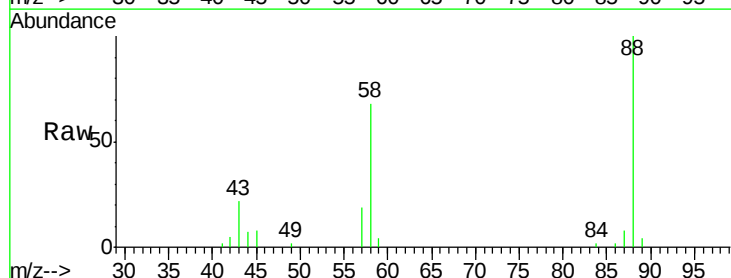
Sohil
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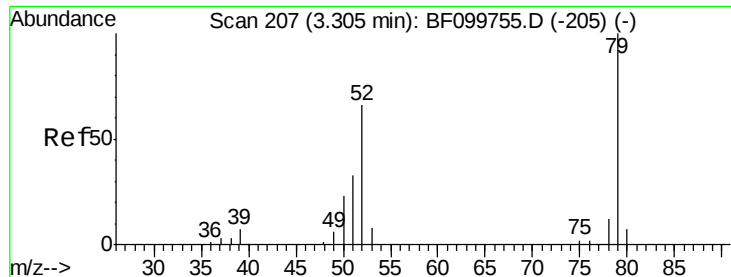


#2

1,4-Dioxane
Concen: 15.198 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	62.6	93.8
43	21.6	24.6	37.0





#3

Pyridine

Concen: 8.755 ng m

RT: 3.40 min Scan# 224

Delta R.T. 0.22 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

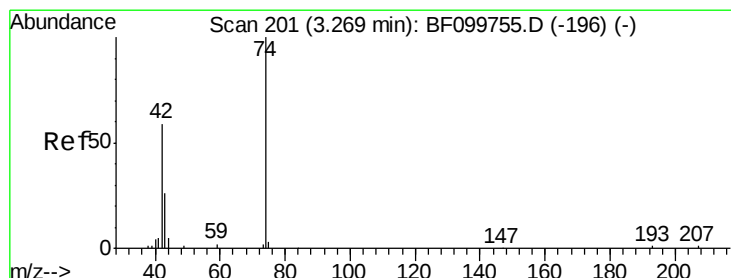
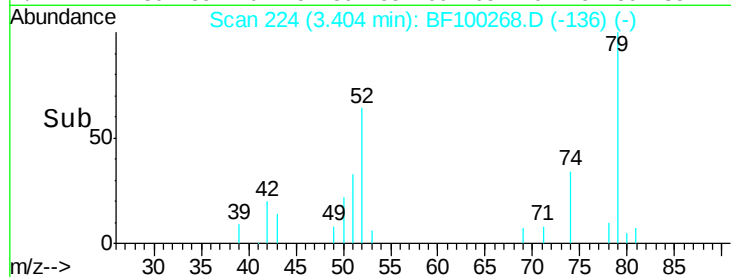
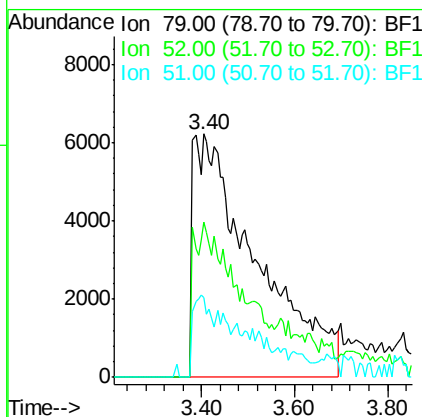
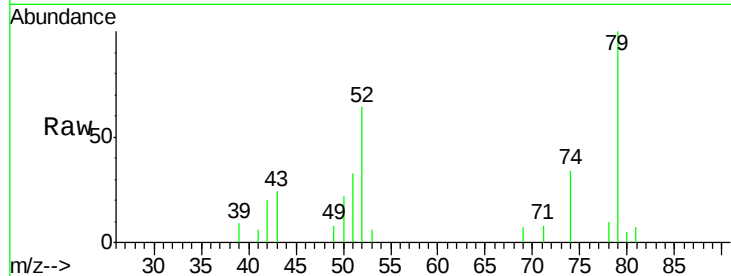
ClientSampleId :

S22-0029MSD

Tgt Ion:	79	Resp:	58310
Ion	Ratio	Lower	Upper
79	100		
52	63.6	59.8	89.6
51	32.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 14.129 ng m

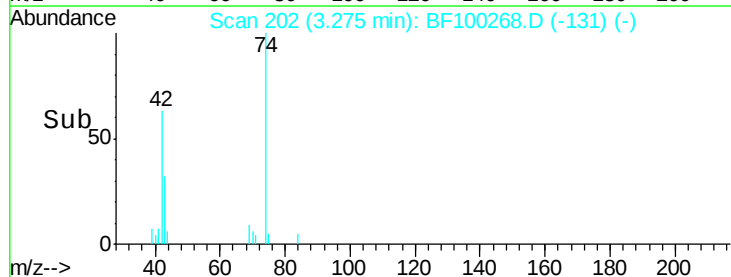
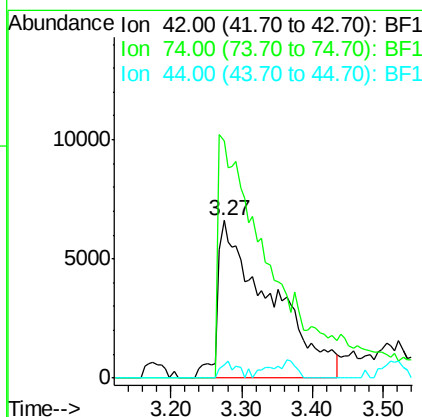
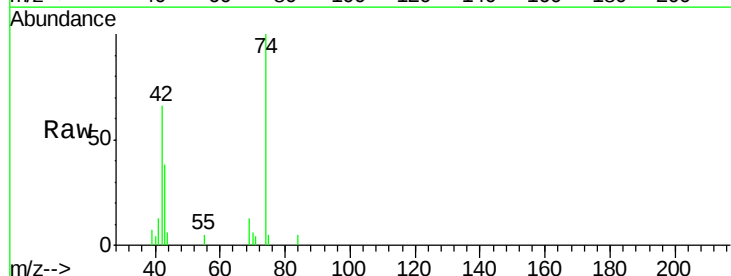
RT: 3.27 min Scan# 202

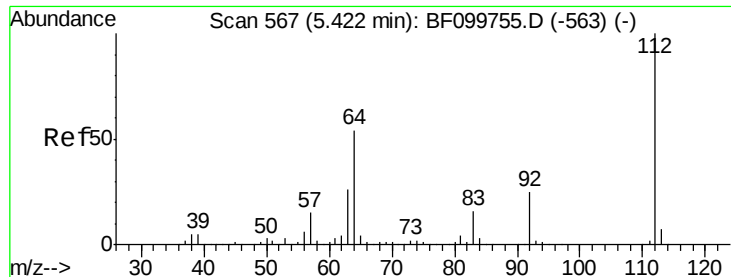
Delta R.T. 0.12 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	42	Resp:	33617
Ion	Ratio	Lower	Upper
42	100		
74	150.8	104.9	157.3
44	8.6	6.9	10.3





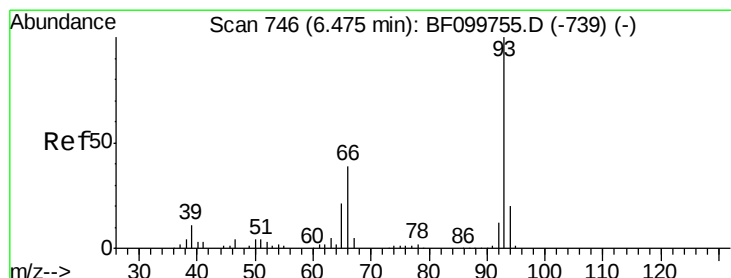
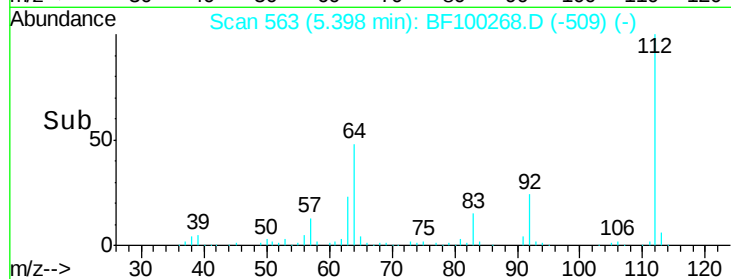
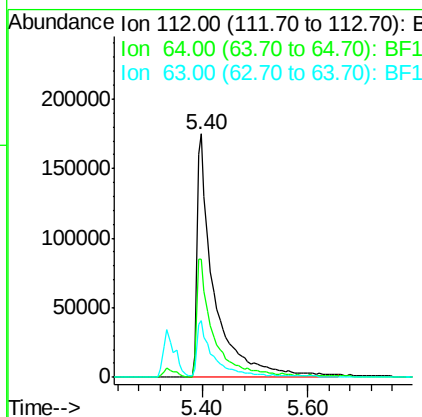
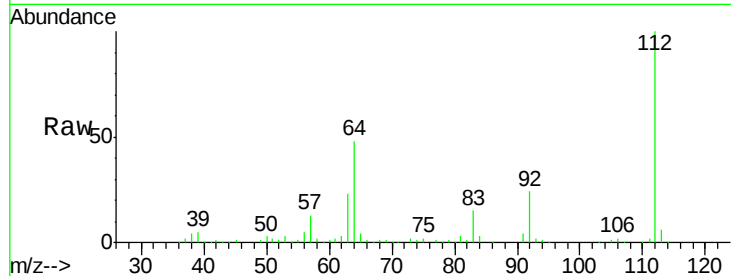
#5
 2-Fluorophenol
 Concen: 63.340 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	48.4	47.9	71.9
63	23.2	23.7	35.5#

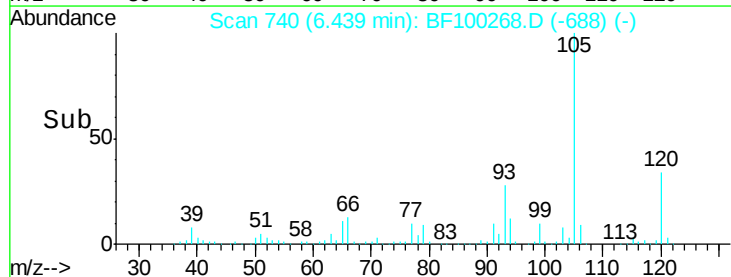
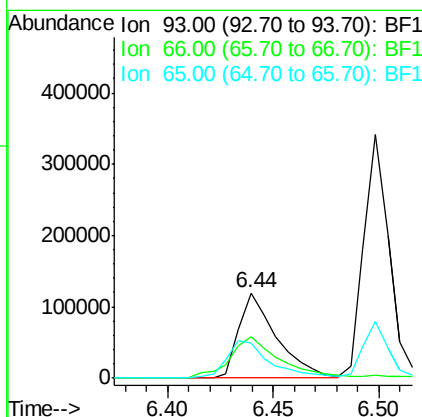
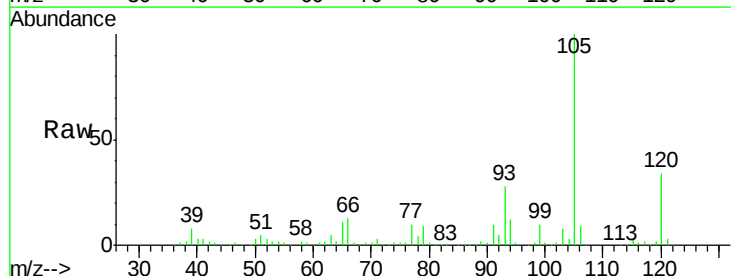
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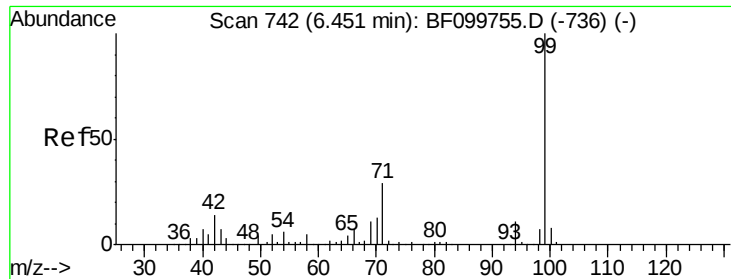
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#6
 Aniline
 Concen: 15.406 ng
 RT: 6.44 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	48.3	32.2	48.2#
65	40.9	16.4	24.6#





#7

Phenol-d6

Concen: 37.789 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

ClientSampled :

S22-0029MSD

Tgt Ion: 99 Resp: 281018
Ion Ratio Lower Upper

99 100

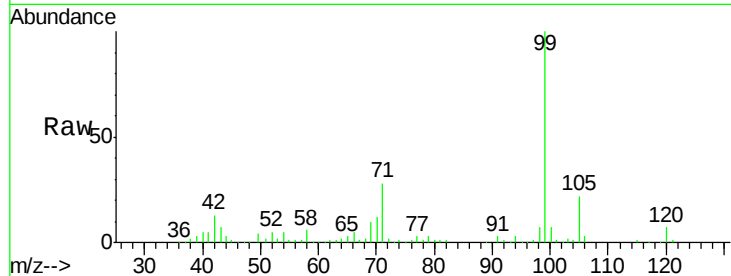
42 13.0 14.5 21.7#

71 27.5 25.4 38.0

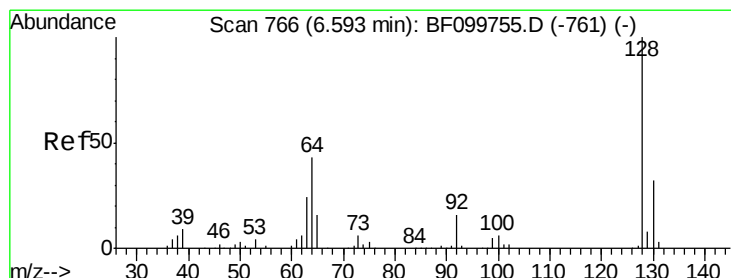
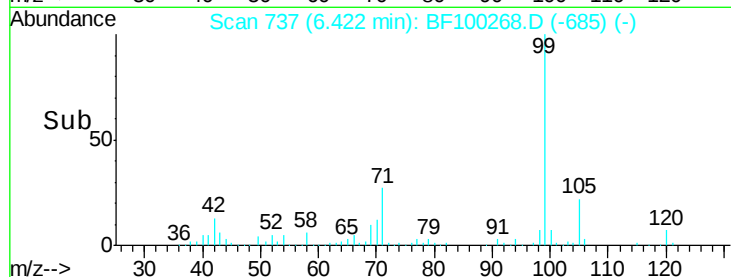
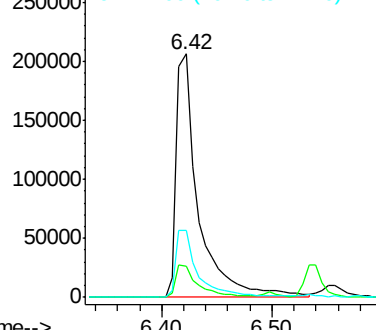
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.080 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF100268.D

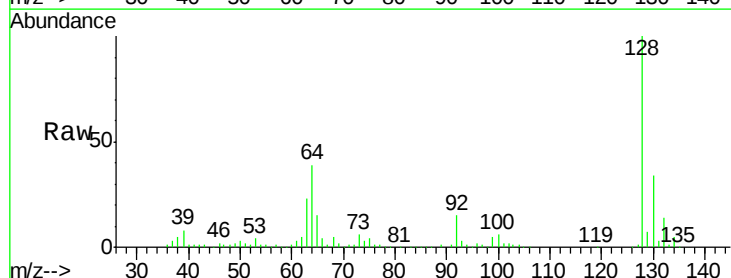
Acq: 6 Nov 2017 23:08

Tgt Ion: 128 Resp: 261222
Ion Ratio Lower Upper

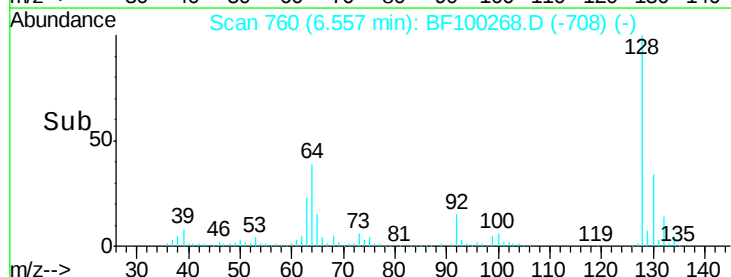
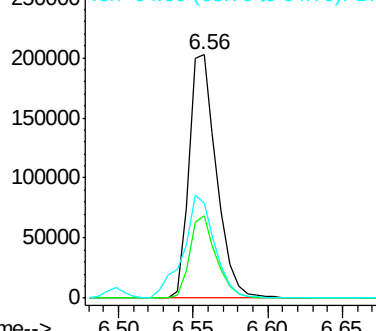
128 100

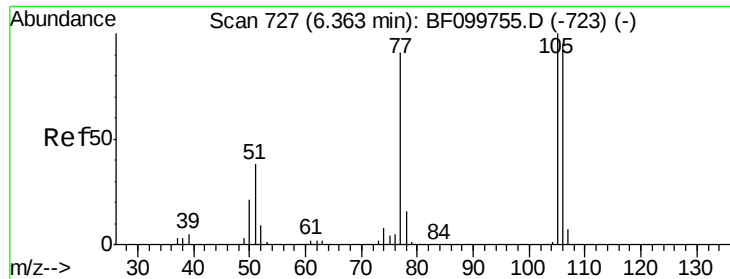
130 33.7 13.0 53.0

64 38.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

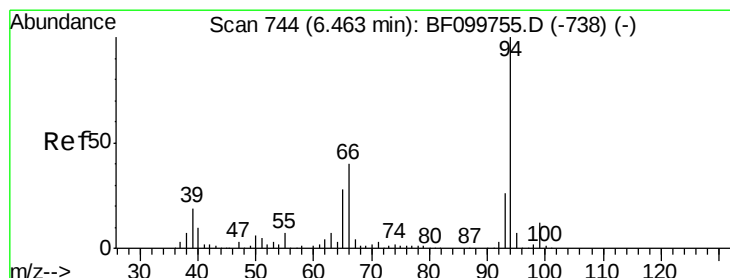
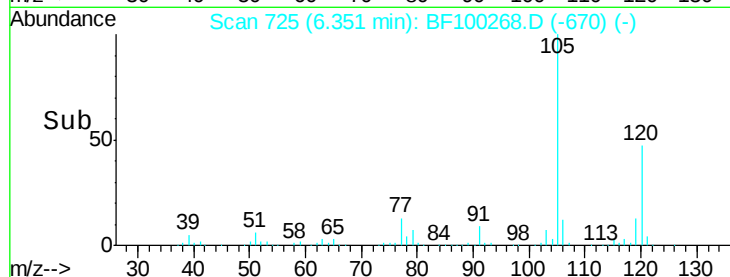
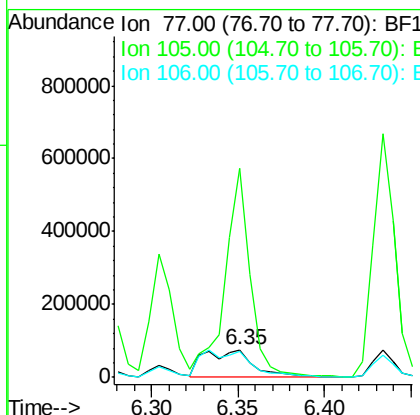
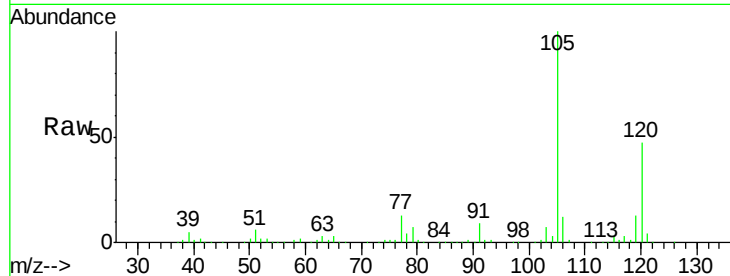
Concen: 34.424 ng m
RT: 6.35 min Scan# 725
Delta R.T. 0.02 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampled :
S22-0029MSD

Tgt Ion: 77 Resp: 152974
Ion Ratio Lower Upper
77 100
105 756.1 81.1 121.1#
106 94.4 74.5 114.5

Manual Integrations
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11/7/2017 5:40:00 PM

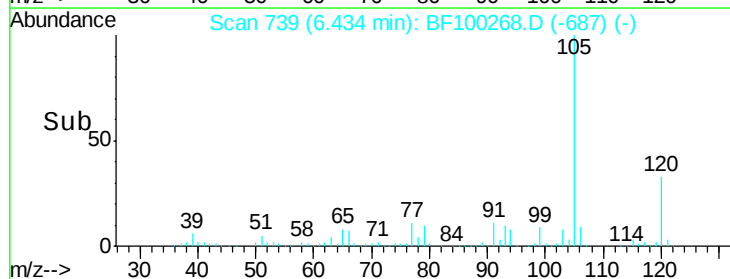
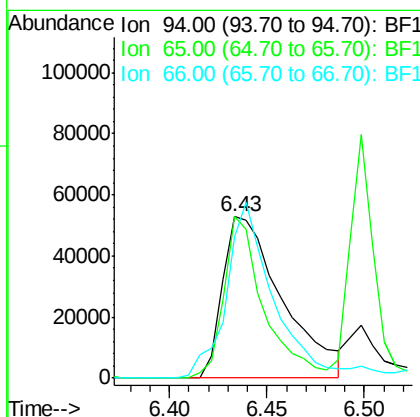
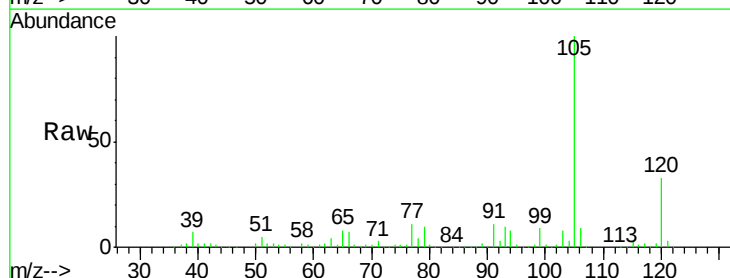


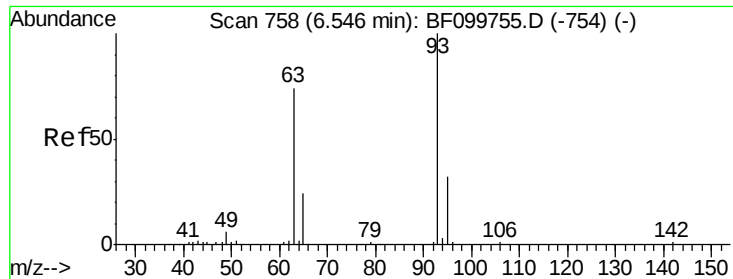
#10

Phenol

Concen: 13.667 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion: 94 Resp: 111588
Ion Ratio Lower Upper
94 100
65 100.2 7.9 47.9#
66 87.6 16.2 56.2#





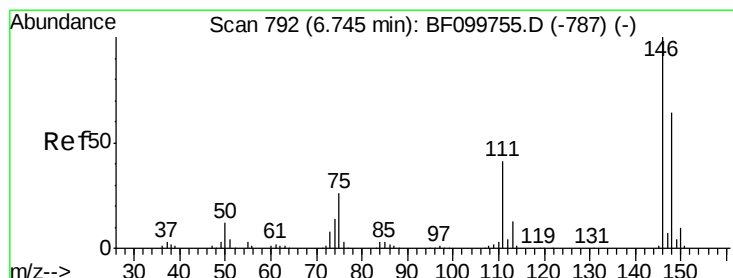
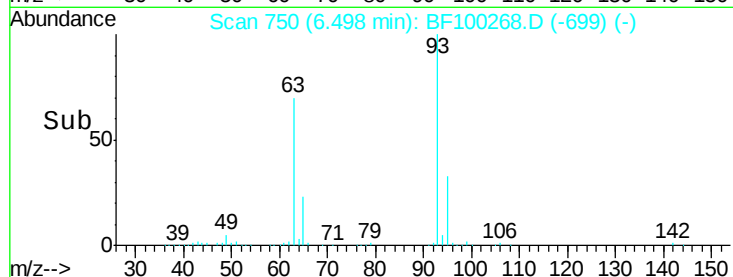
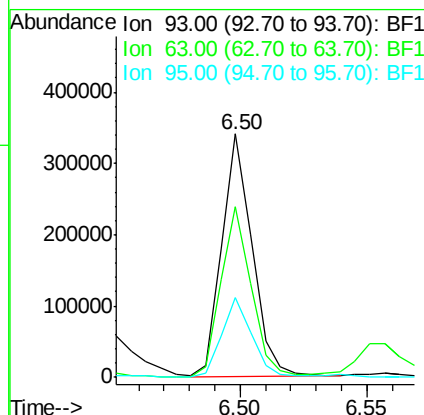
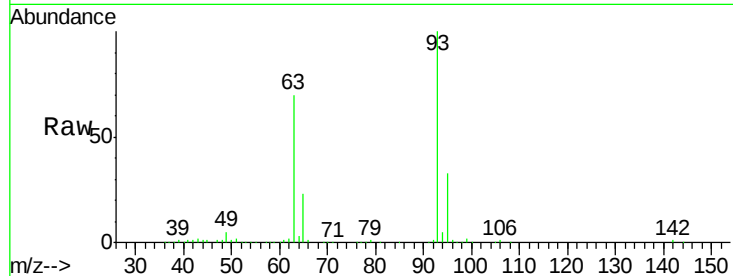
#11
bis(2-Chloroethyl)ether
Concen: 44.836 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.9	58.6	98.6
95	32.6	11.8	51.8

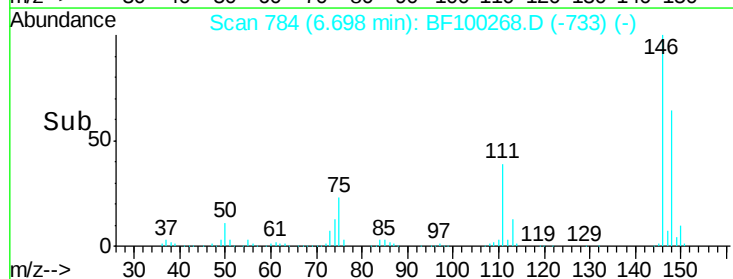
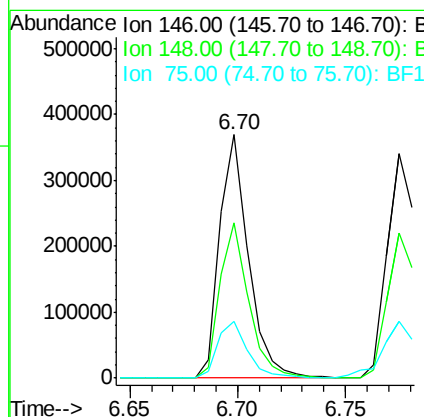
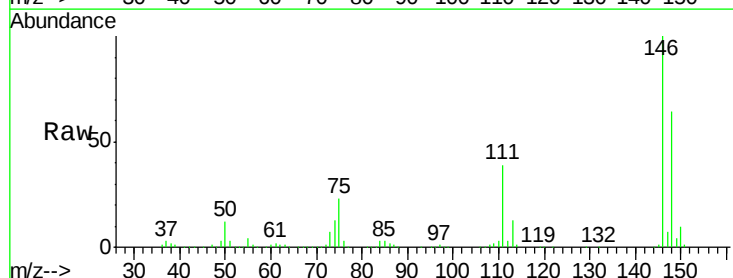
Manual Integrations
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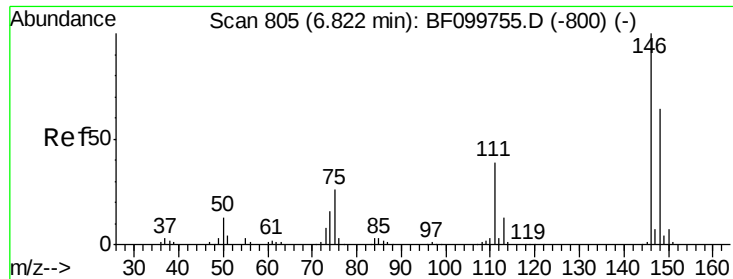
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#12
1,3-Dichlorobenzene
Concen: 45.809 ng m
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	23.5	24.2	36.4#





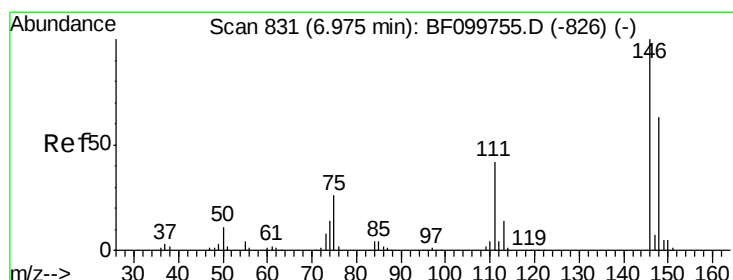
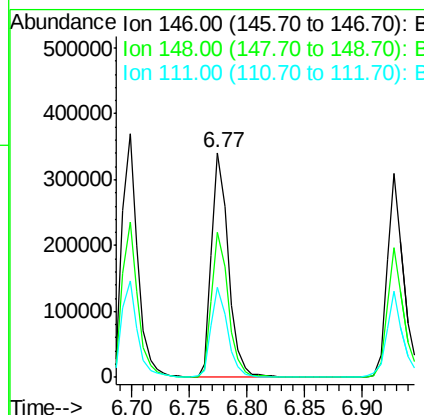
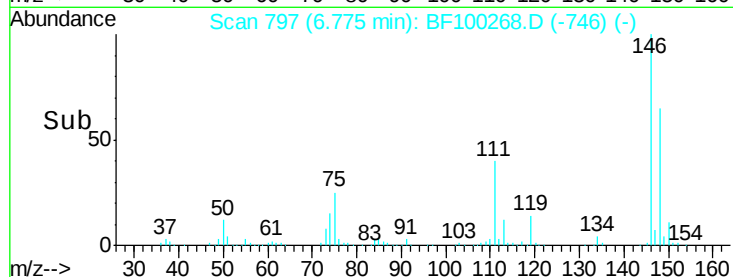
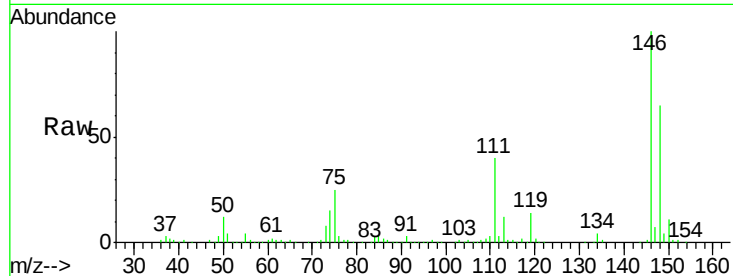
#13
 1,4-Dichlorobenzene
 Concen: 45.872 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampled :
 S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	349417		
148	64.5	50.8	76.2	
111	40.0	34.2	51.2	

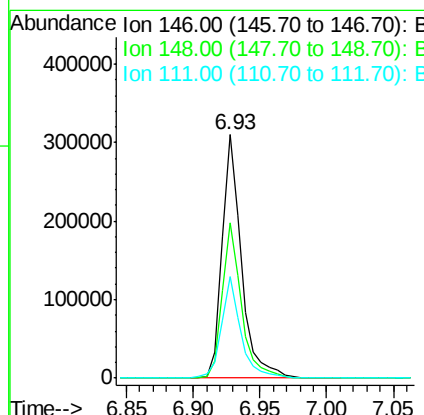
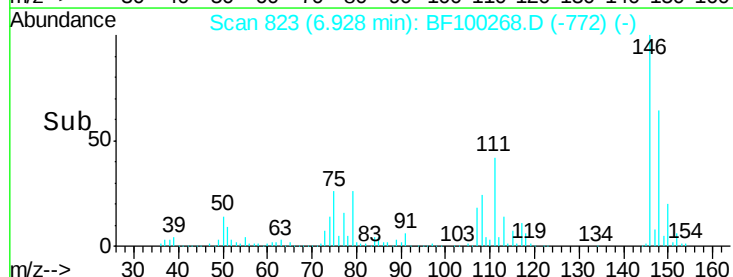
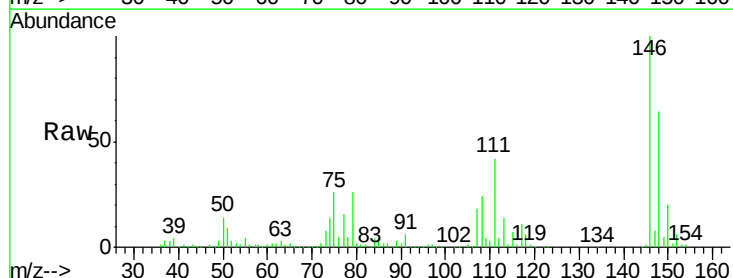
Manual Integrations
 APPROVED

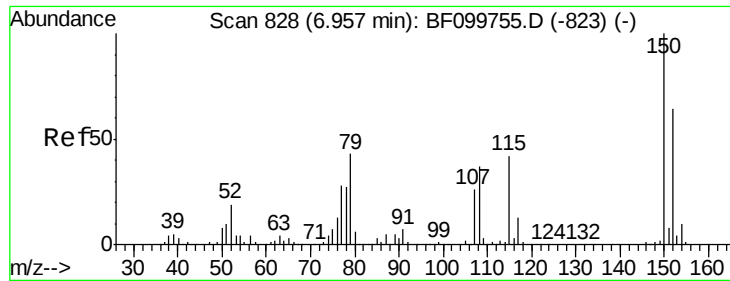
Sohil
 11/7/2017 5:40:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.780 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317814		
148	63.6	50.6	75.8	
111	41.9	36.0	54.0	





#15

Benzyl Alcohol

Concen: 27.629 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

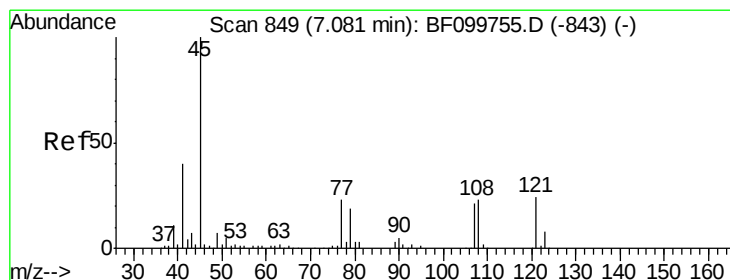
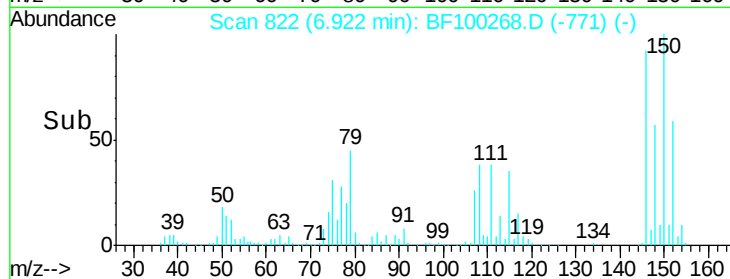
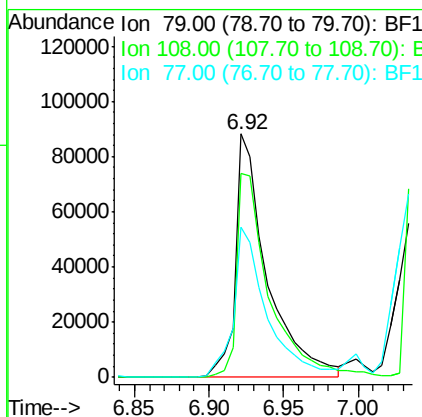
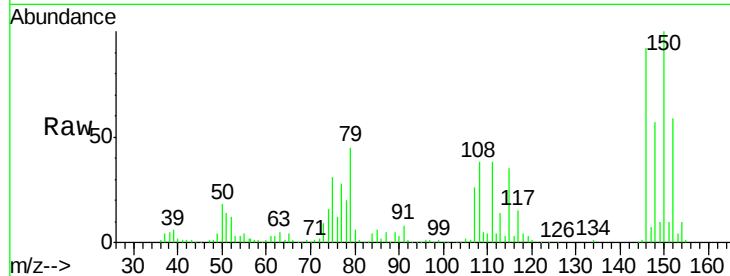
ClientSampleId :

S22-0029MSD

Tgt Ion:	79	Resp:	130668
Ion	Ratio	Lower	Upper
79	100		
108	84.0	65.1	97.7
77	61.6	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.970 ng

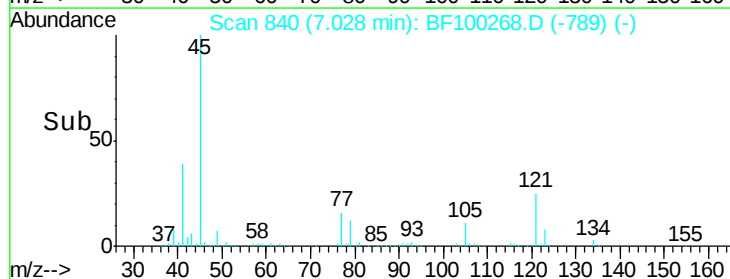
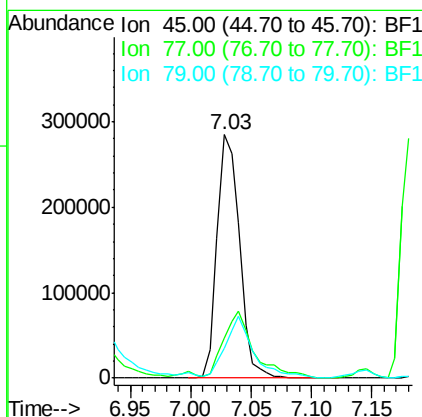
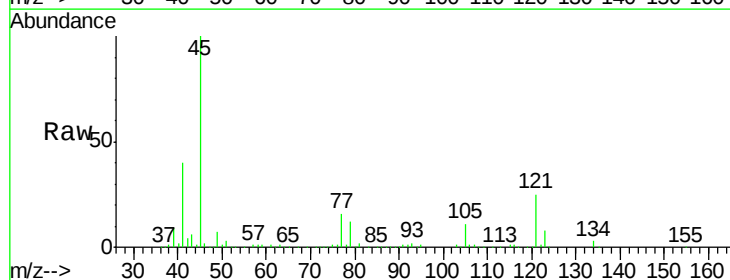
RT: 7.03 min Scan# 840

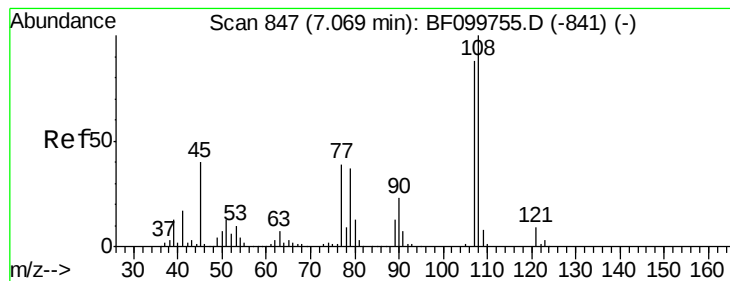
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	45	Resp:	363998
Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.9
79	12.3	0.0	29.6





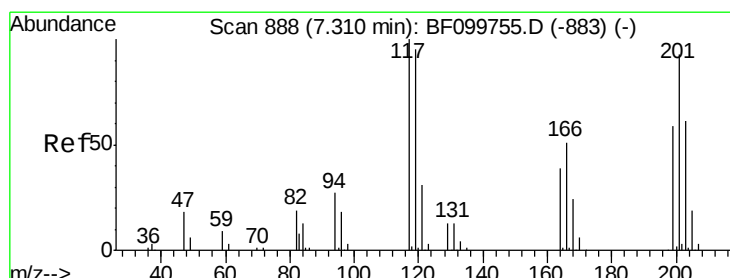
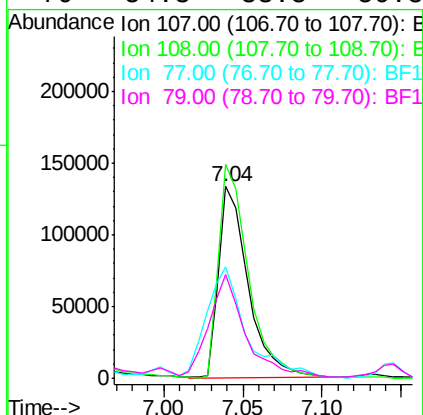
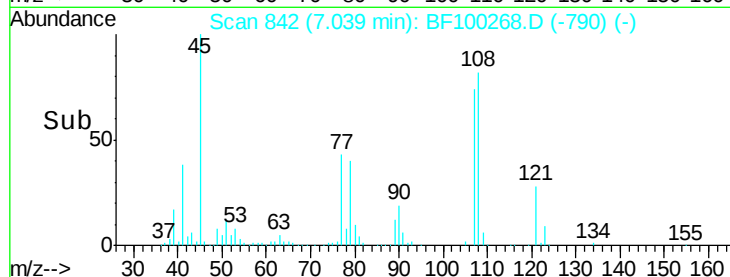
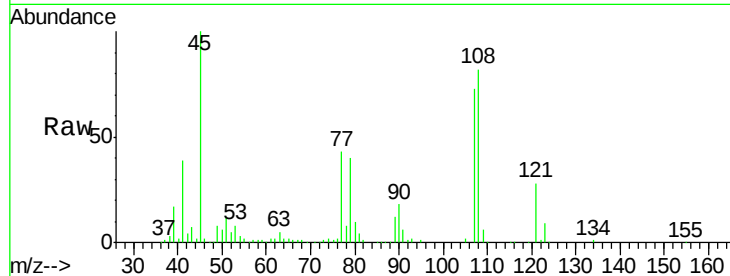
#17
2-Methylphenol
Concen: 30.926 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	172914		
108	111.4	91.7	137.5	
77	58.4	33.8	50.8#	
79	54.3	33.8	50.8#	

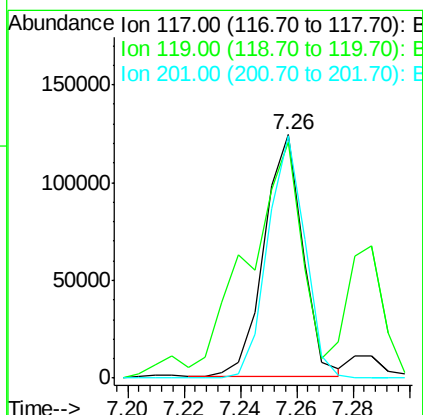
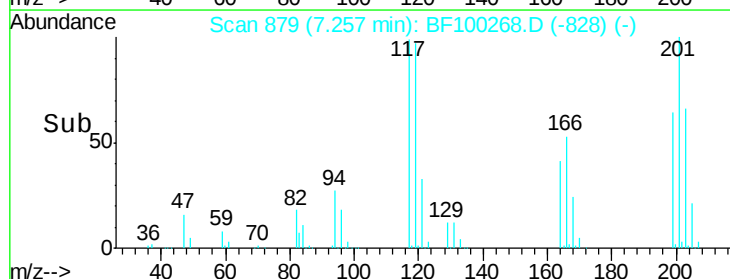
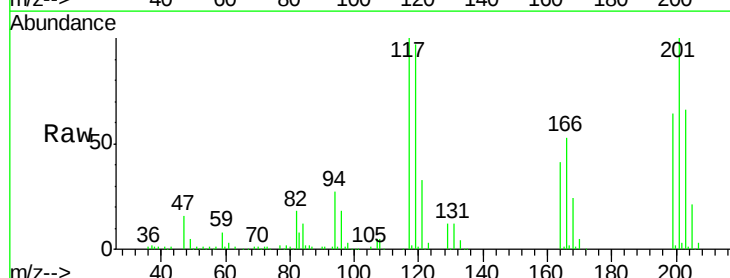
Manual Integrations
APPROVED

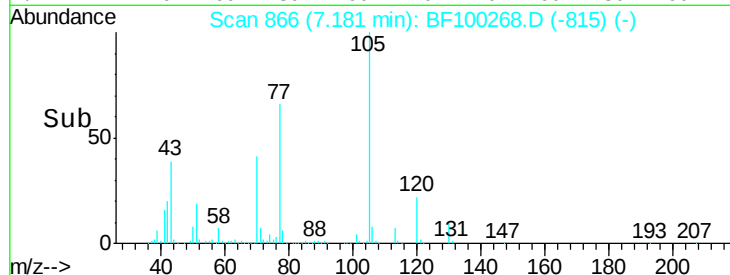
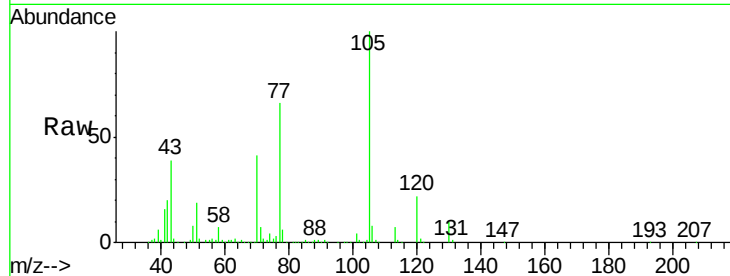
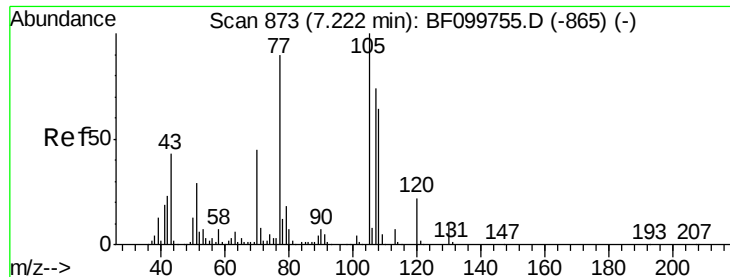
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#18
Hexachloroethane
Concen: 46.555 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	118311		
119	97.1	75.8	113.8	
201	99.7	75.7	113.5	





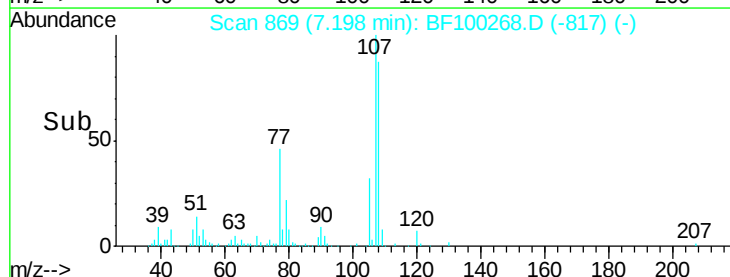
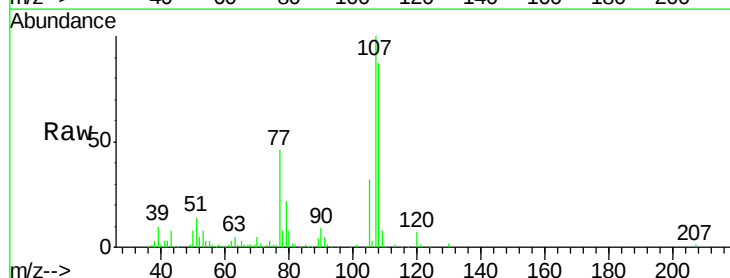
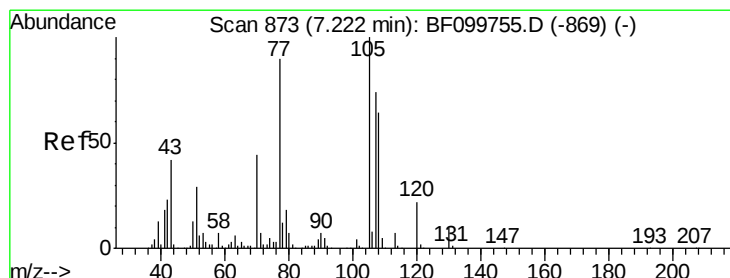
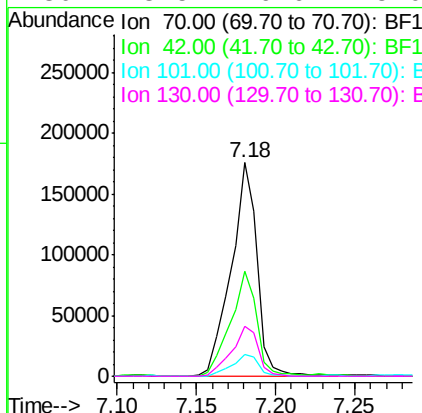
#19
n-Nitroso-di-n-propylamine
Concen: 46.059 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.9	47.5	71.3
101	10.1	7.4	11.2
130	23.5	16.6	25.0

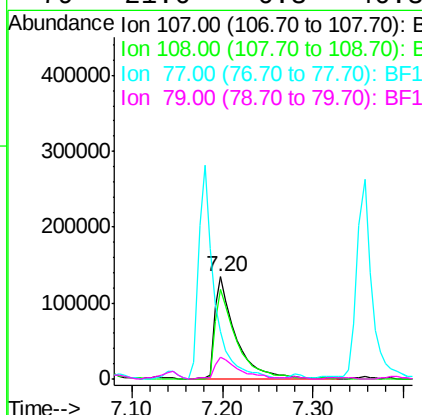
Manual Integrations
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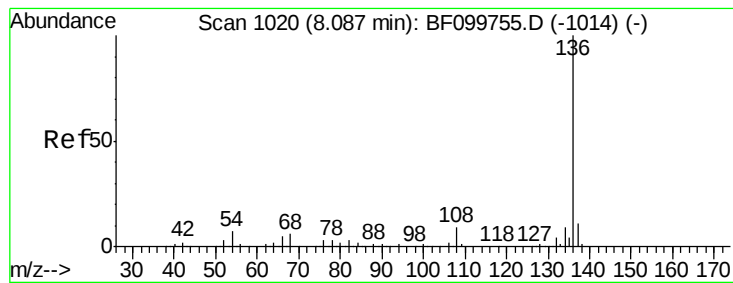
Sohil
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#20
3+4-Methylphenols
Concen: 32.241 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	46.0	26.7	66.7
79	21.6	6.3	46.3





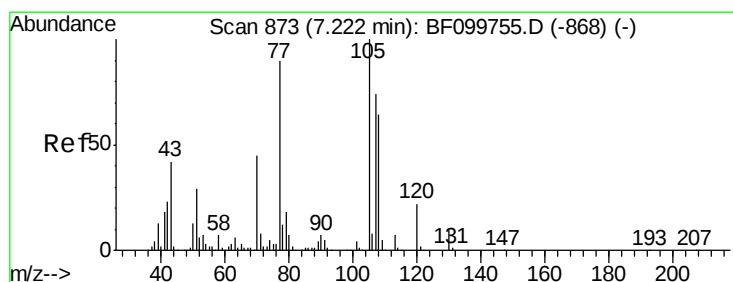
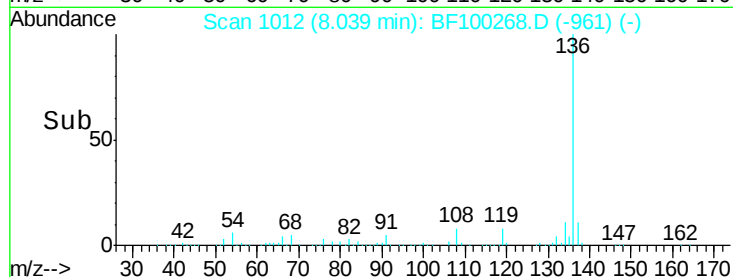
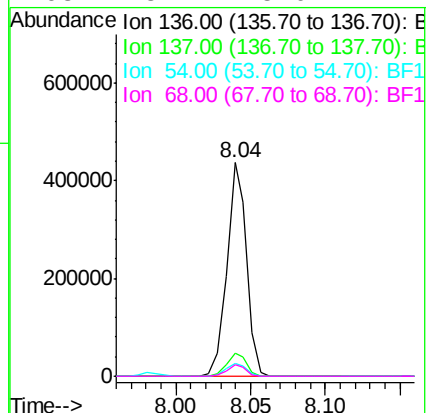
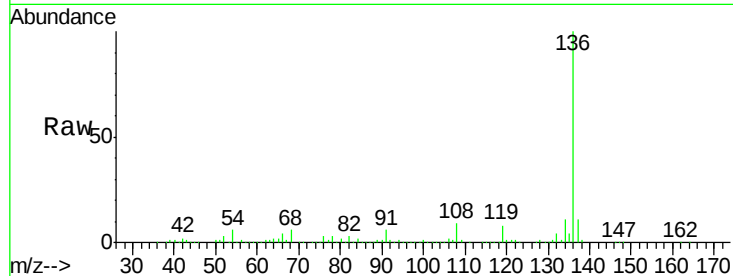
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	405251		
137	11.0	8.9	13.3	
54	6.3	6.6	9.8	
68	5.7	5.0	7.4	

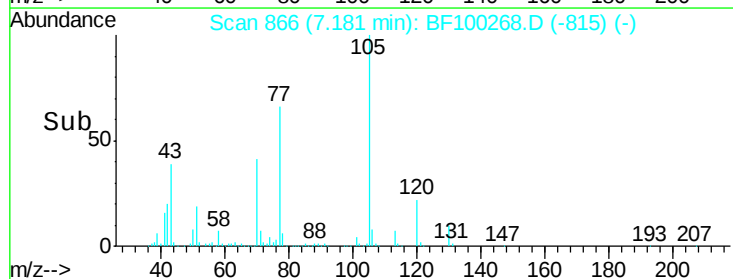
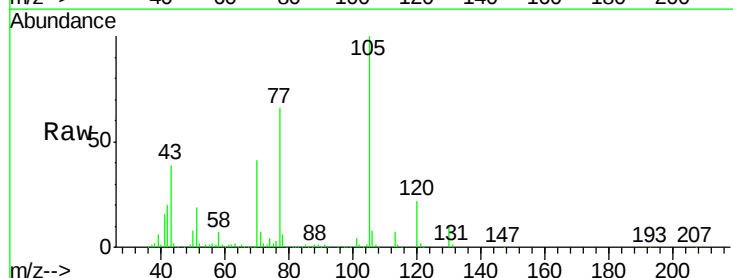
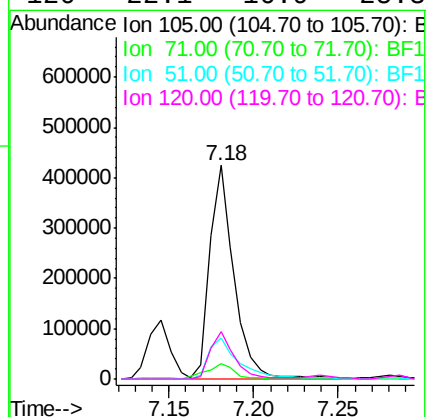
Manual Integrations
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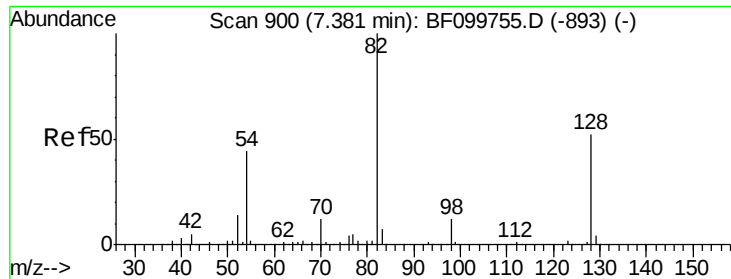
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#22
Acetophenone
Concen: 45.587 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	420641		
71	7.1	4.4	6.6	
51	19.1	22.3	33.5	
120	22.1	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 81.988 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

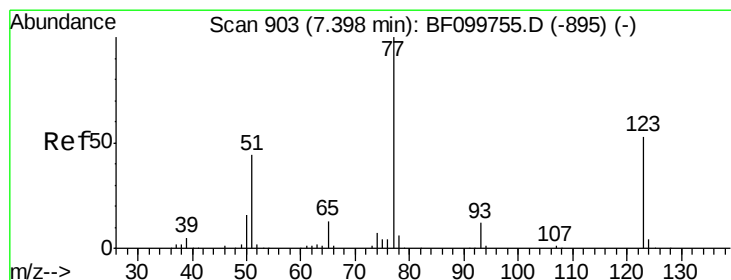
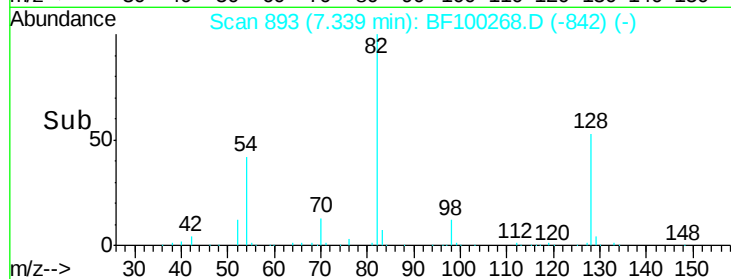
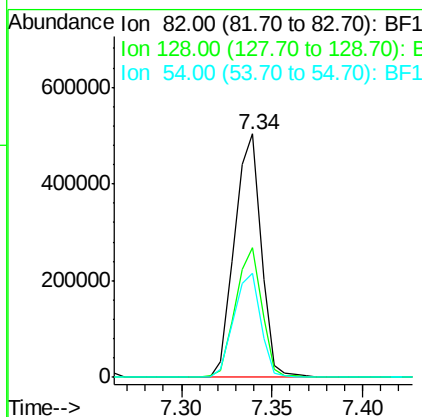
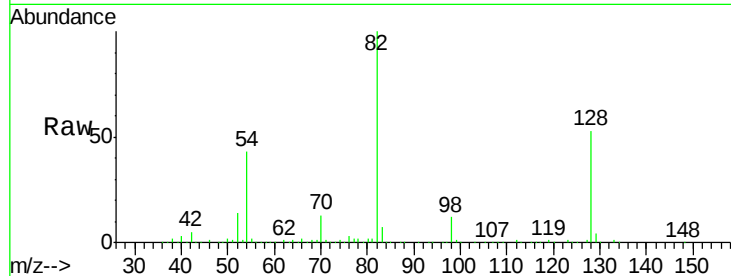
ClientSampleId :

S22-0029MSD

Tgt Ion:	82	Resp:	516086
Ion Ratio	Lower	Upper	
82	100		
128	53.1	36.1	54.1
54	42.7	41.4	62.2

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#24

Nitrobenzene

Concen: 47.245 ng

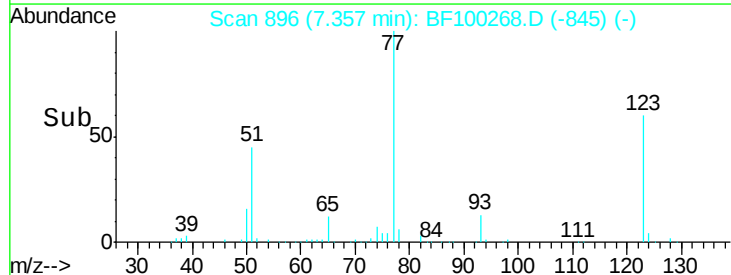
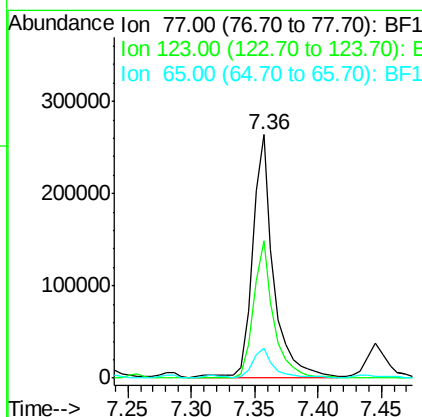
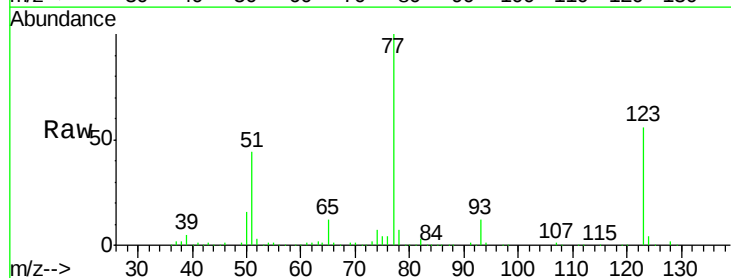
RT: 7.36 min Scan# 896

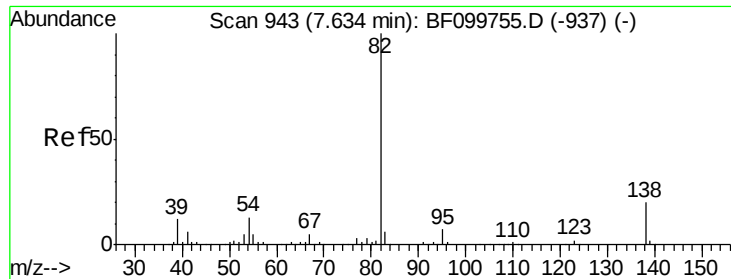
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	77	Resp:	299646
Ion Ratio	Lower	Upper	
77	100		
123	56.4	37.9	56.9
65	12.3	11.0	16.4





#25

Isophorone

Concen: 49.228 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

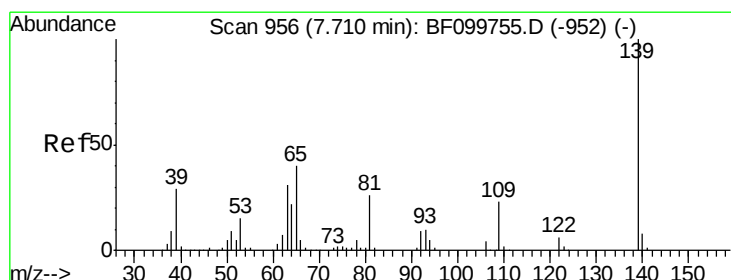
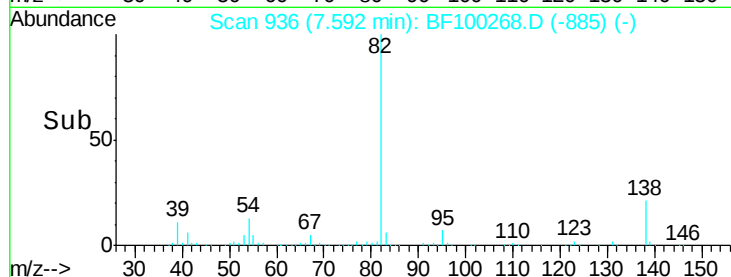
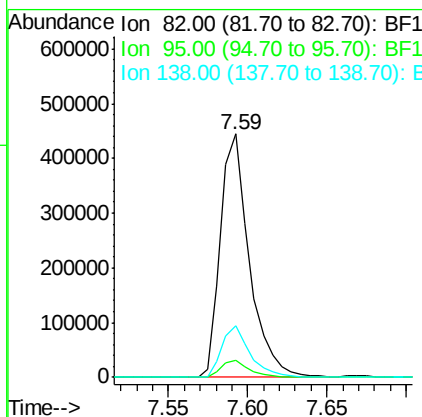
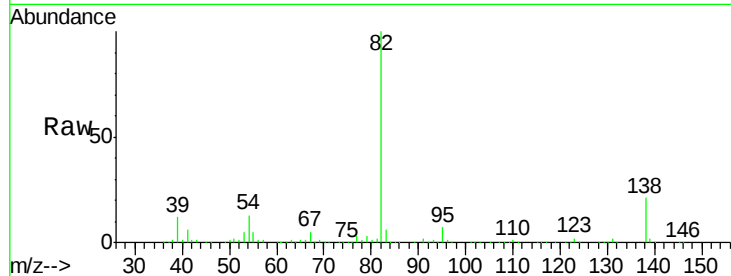
ClientSampleId :

S22-0029MSD

Tgt Ion:	82	Resp:	562290
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	21.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.489 ng

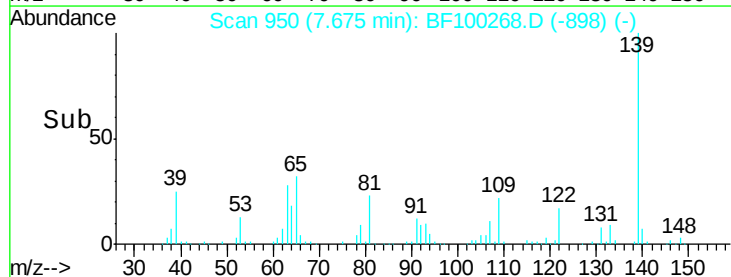
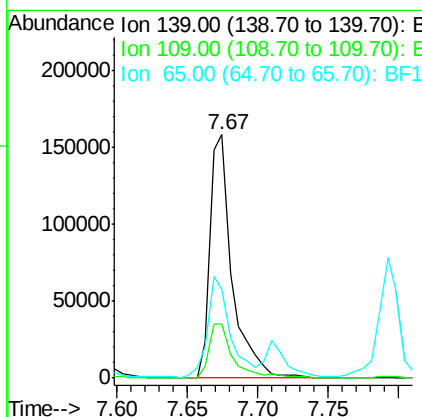
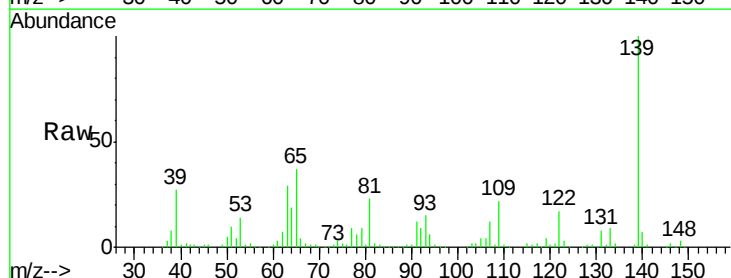
RT: 7.67 min Scan# 950

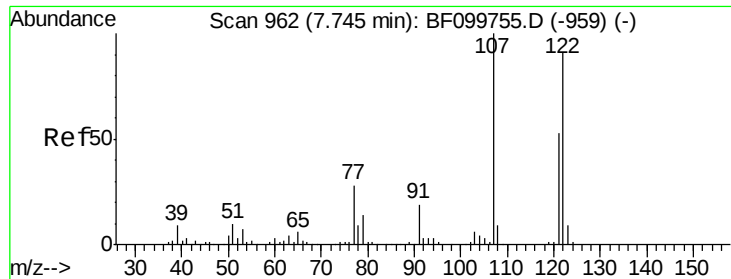
Delta R.T. 0.01 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	139	Resp:	172510
Ion Ratio		Lower	Upper
139	100		
109	22.4	22.7	34.1#
65	36.7	40.5	60.7#





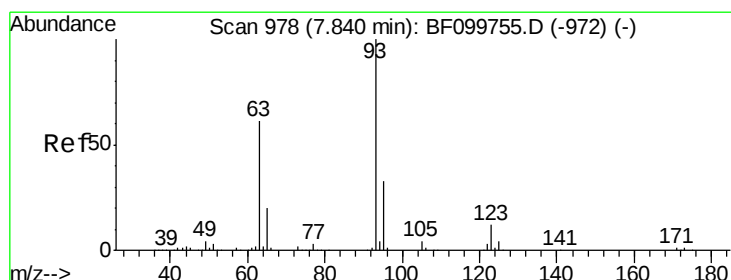
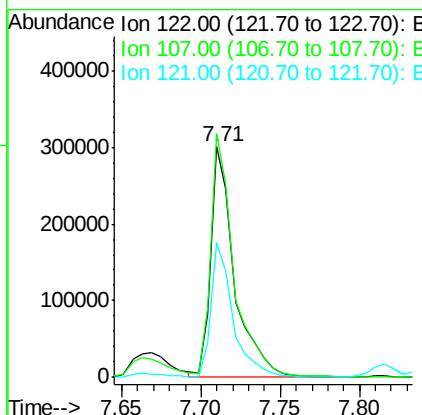
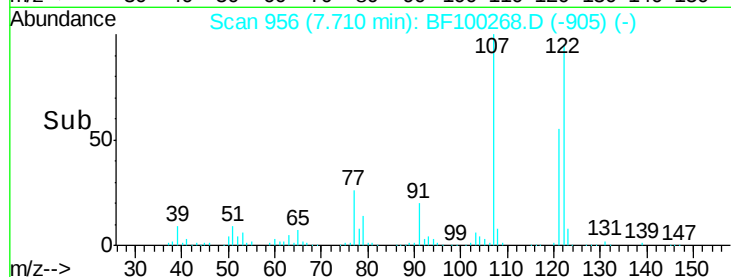
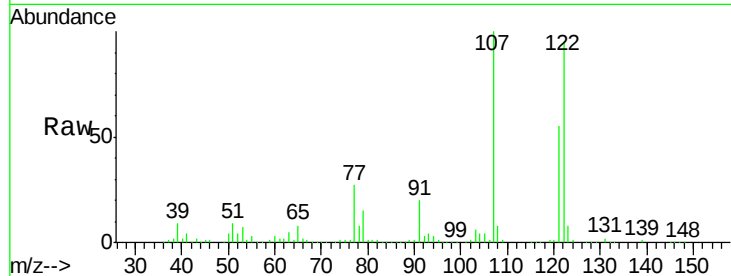
#27
2,4-Dimethylphenol
Concen: 58.311 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.6	91.2	136.8
121	58.5	47.2	70.8

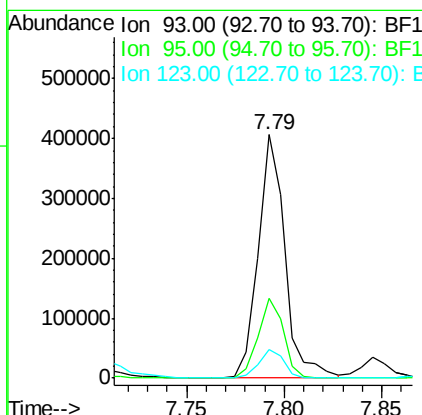
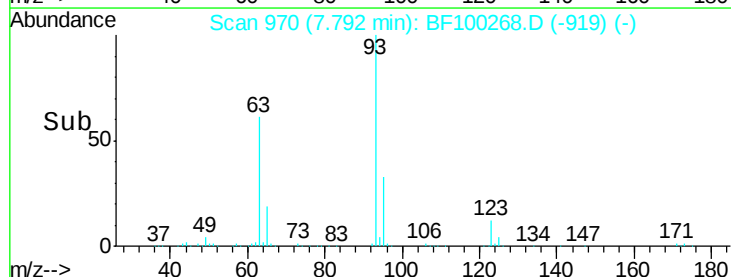
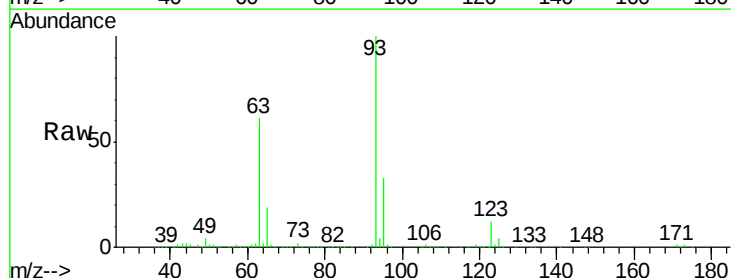
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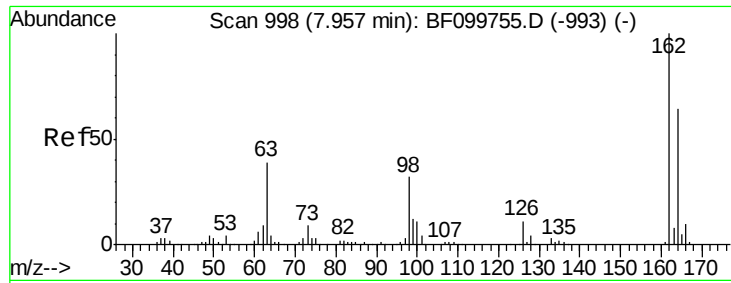
Sohil
11/7/2017 5:40:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.168 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.7	9.8	14.6





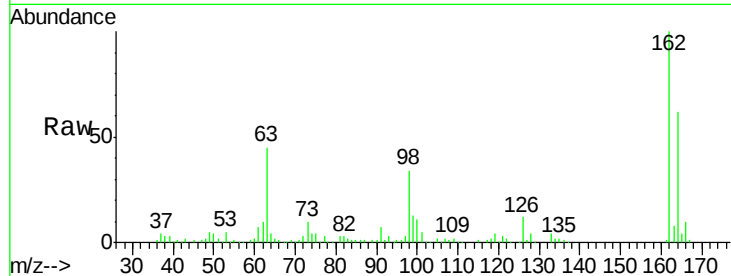
#29
2,4-Dichlorophenol
Concen: 47.364 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

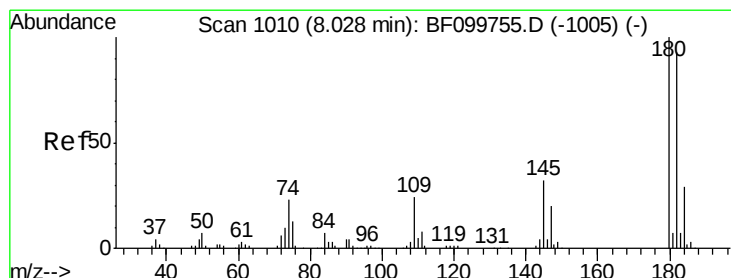
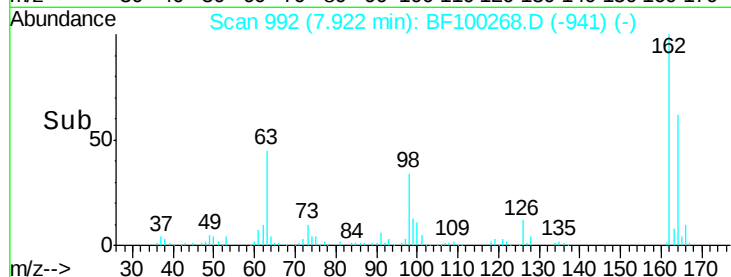
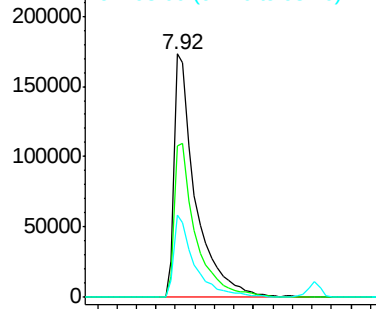
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	263352		
164	62.2	42.7	82.7	
98	33.8	18.1	58.1	

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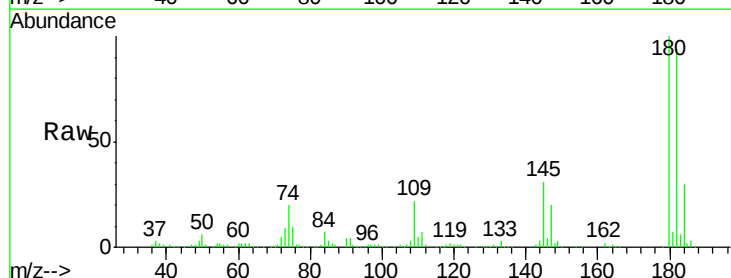


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

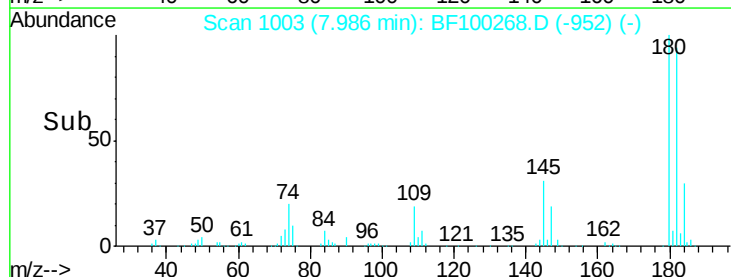
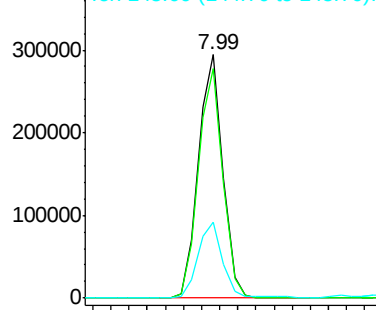


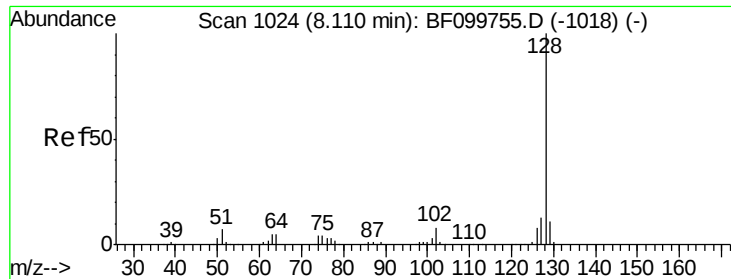
#30
1,2,4-Trichlorobenzene
Concen: 46.143 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	274129		
182	94.3	76.8	115.2	
145	31.0	26.5	39.7	



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





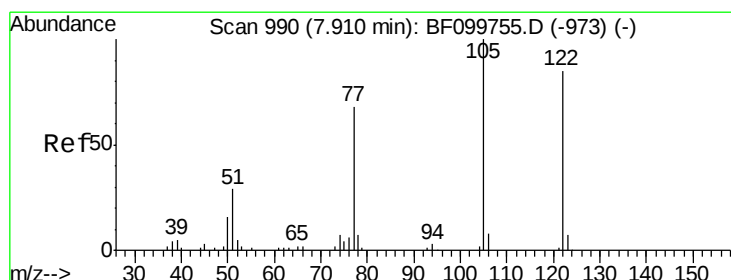
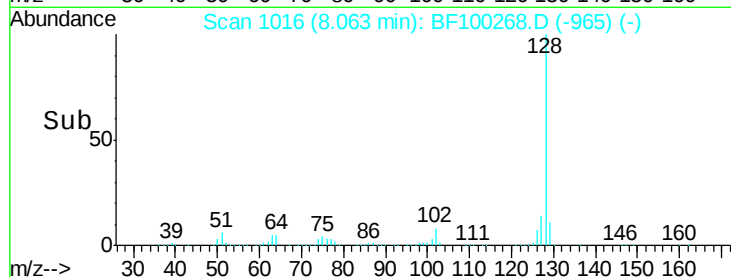
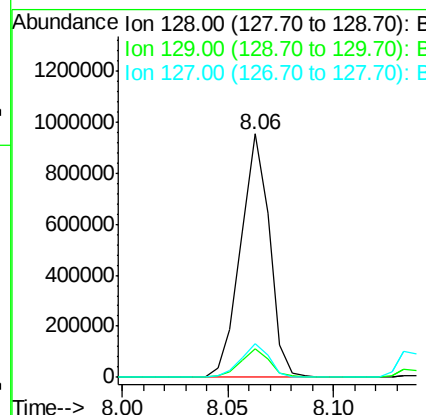
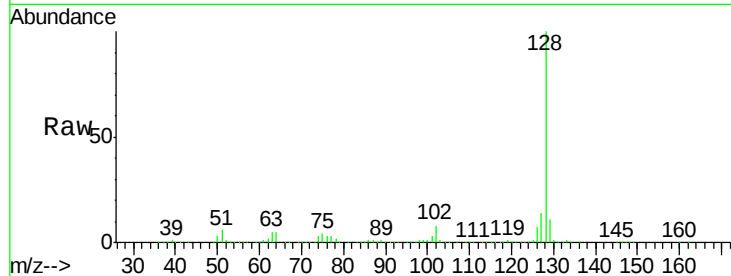
#31
Naphthalene
Concen: 46.024 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	900308		
129	11.5	8.8	13.2	
127	13.8	10.9	16.3	

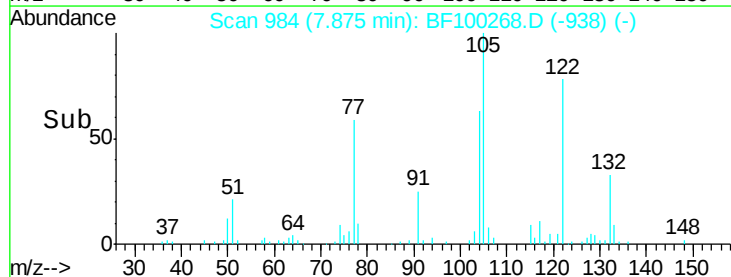
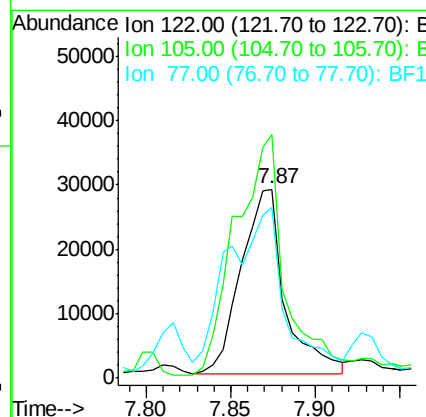
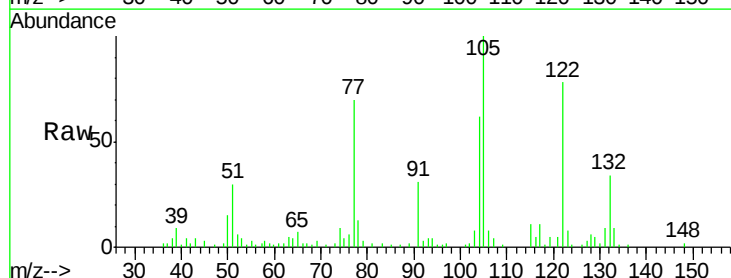
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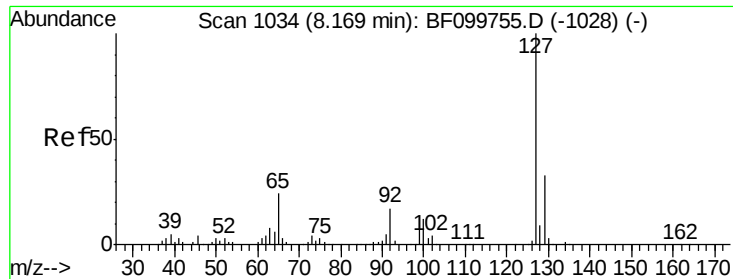
Sohil
11/7/2017 5:40:00 PM



#32
Benzoic acid
Concen: 10.980 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	51729		
105	128.7	101.1	141.1	
77	89.9	70.7	110.7	





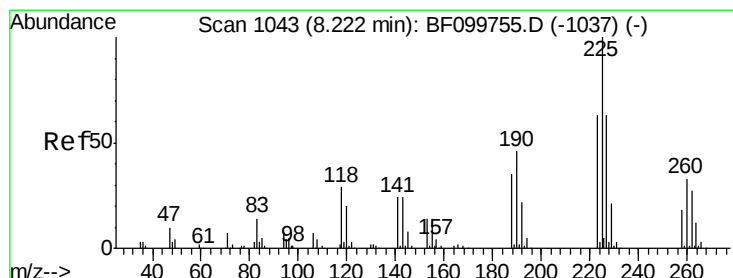
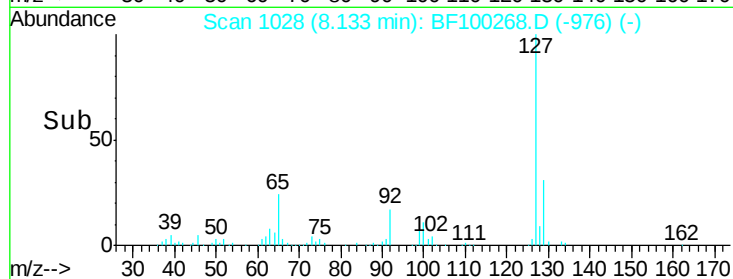
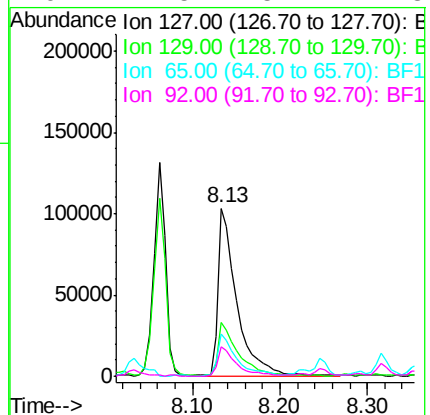
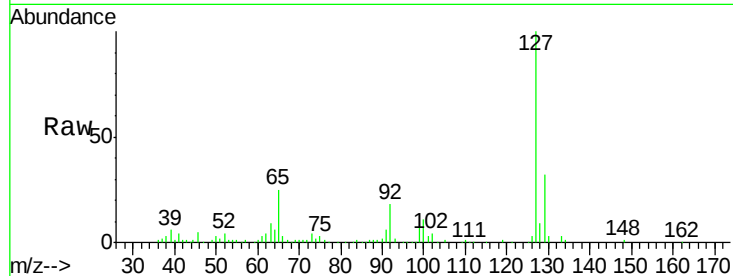
#33
4-Chloroaniline
Concen: 18.743 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	151399		
129	31.6	25.9	38.9	
65	24.9	25.0	37.4	
92	17.5	15.2	22.8	

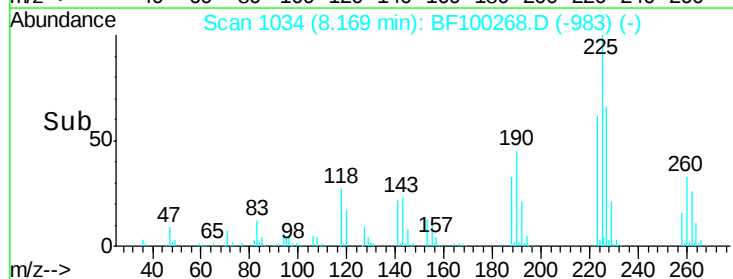
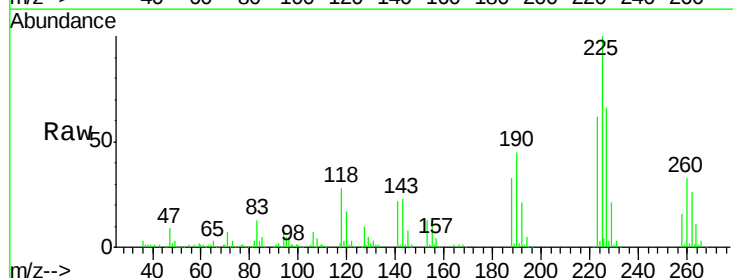
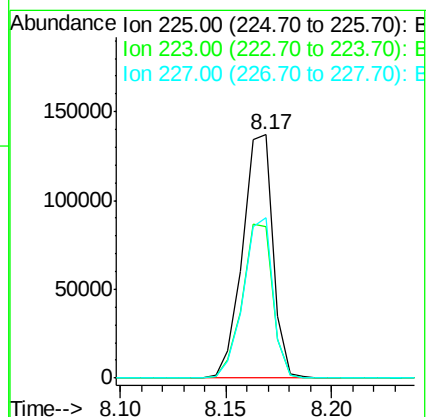
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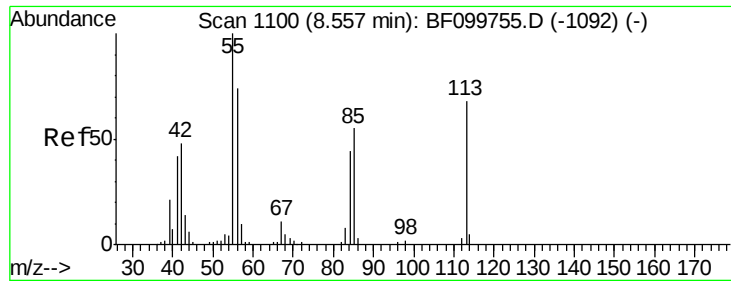
Sohil
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#34
Hexachlorobutadiene
Concen: 44.587 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	136246		
223	62.4	50.6	76.0	
227	65.7	51.9	77.9	





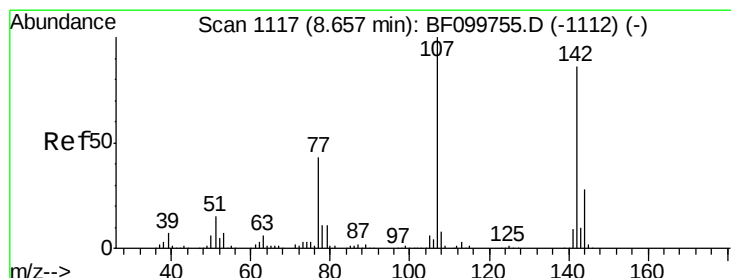
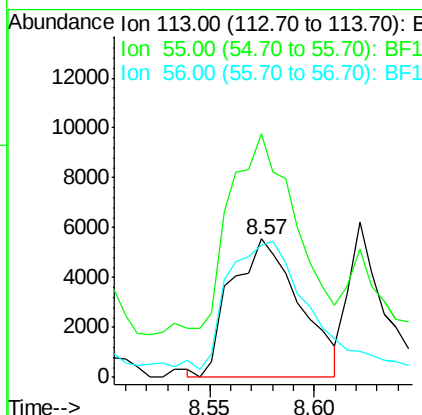
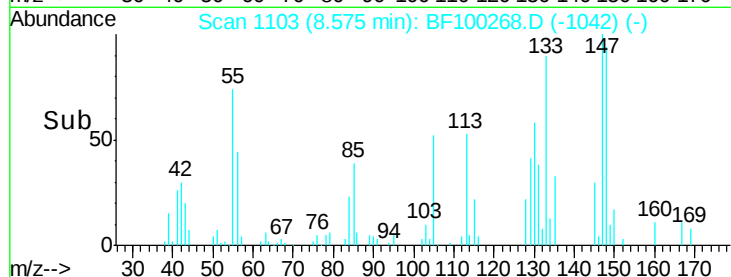
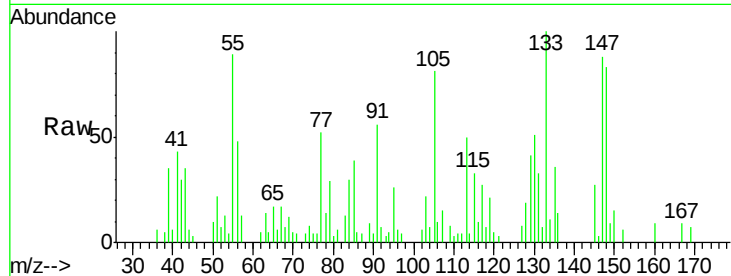
#35
Caprolactam
Concen: 7.181 ng m
RT: 8.57 min Scan# 1103
Delta R.T. 0.06 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion:113 Resp: 12556
Ion Ratio Lower Upper
113 100
55 176.3 163.3 203.3
56 95.7 115.7 155.7#

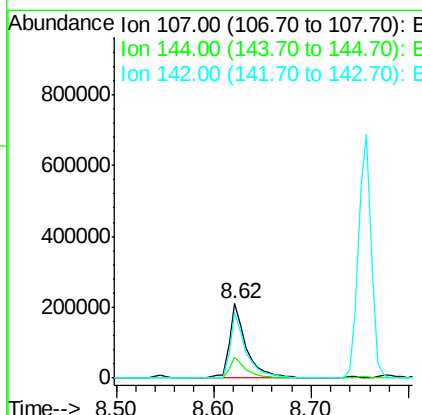
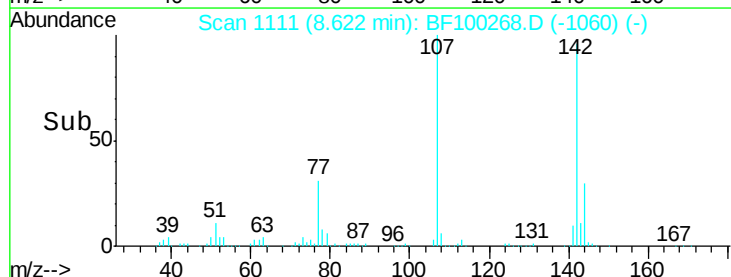
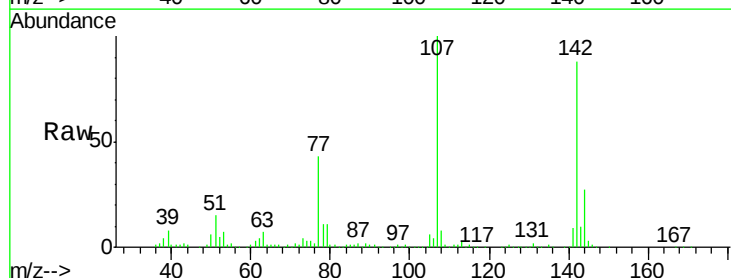
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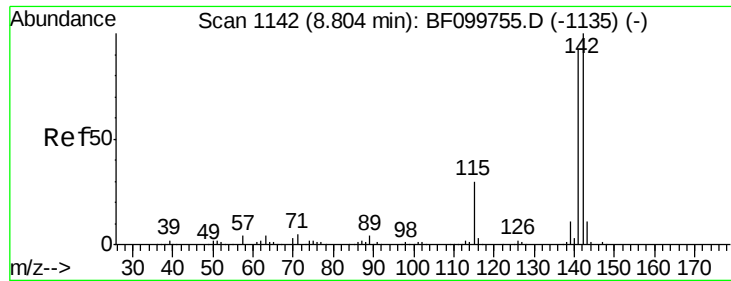
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 43.055 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion:107 Resp: 244341
Ion Ratio Lower Upper
107 100
144 27.4 20.5 30.7
142 87.8 62.0 93.0





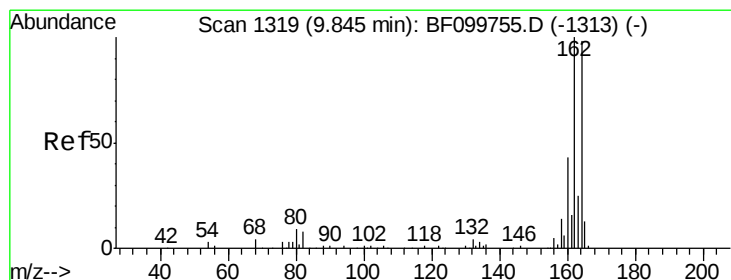
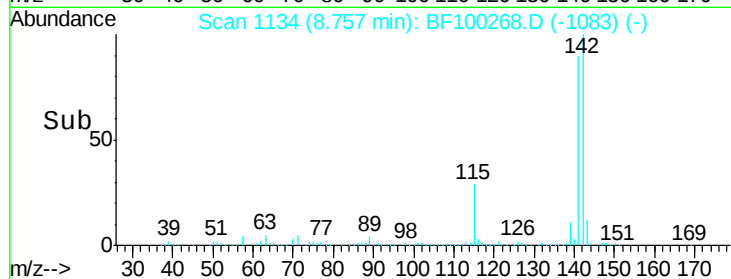
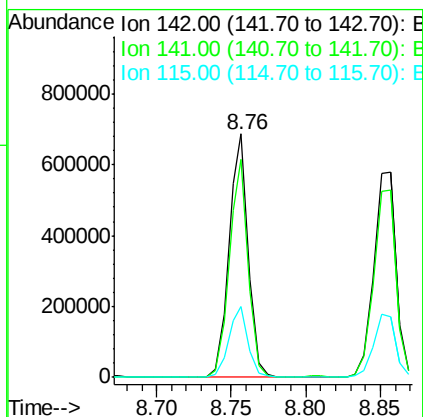
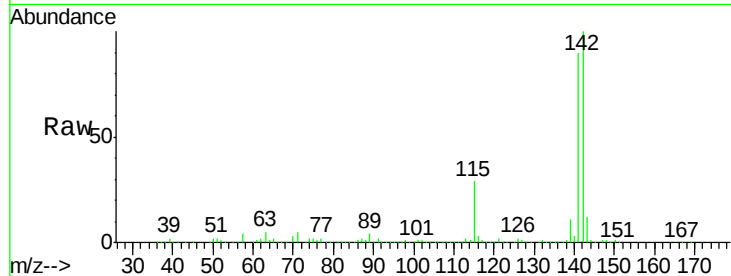
#37
2-Methylnaphthalene
Concen: 47.417 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	29.3	26.1	39.1

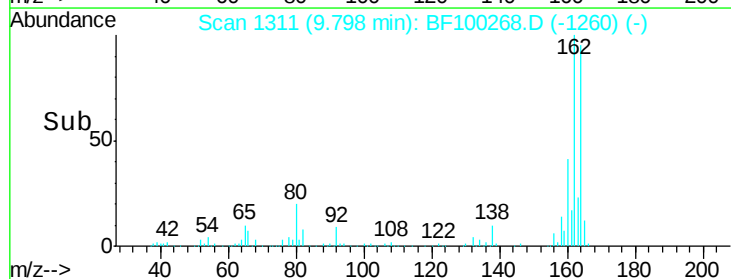
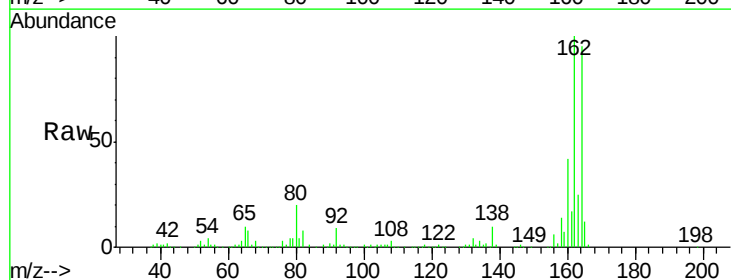
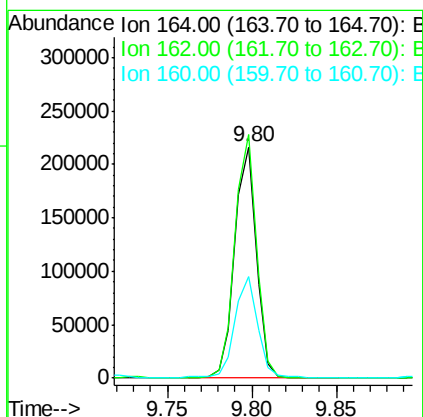
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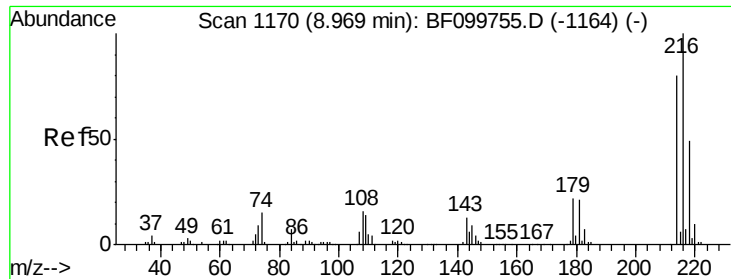
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	44.1	38.3	57.5





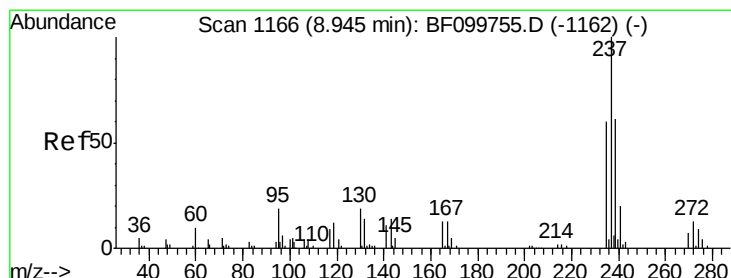
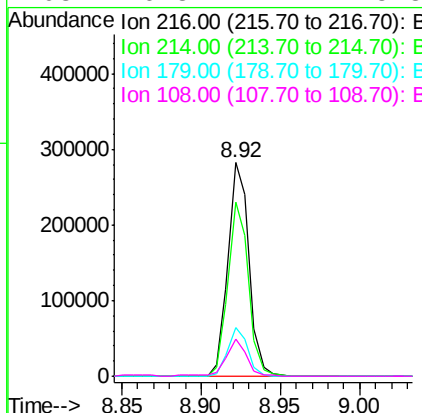
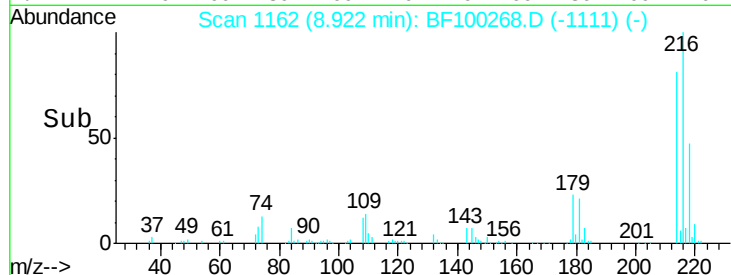
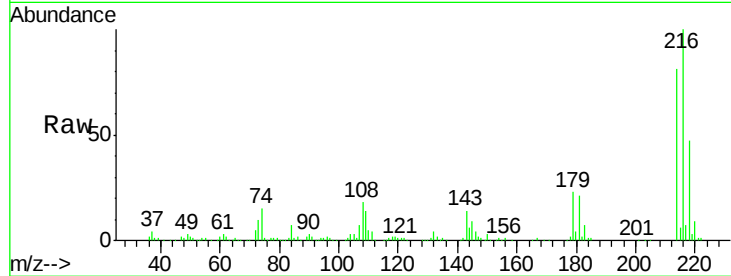
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.443 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	258984		
214	79.9	63.0	94.4	
179	21.8	18.1	27.1	
108	16.8	17.2	25.8	

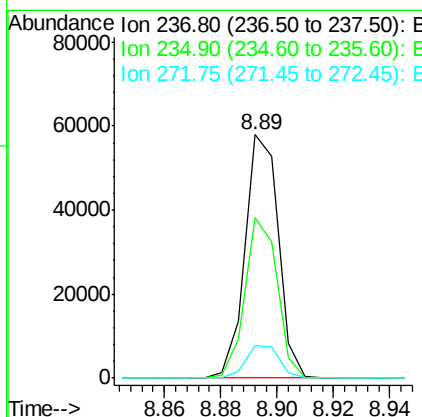
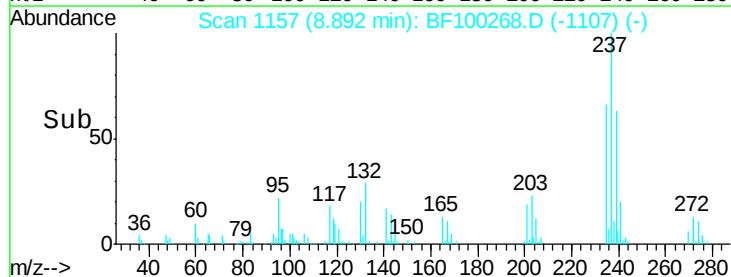
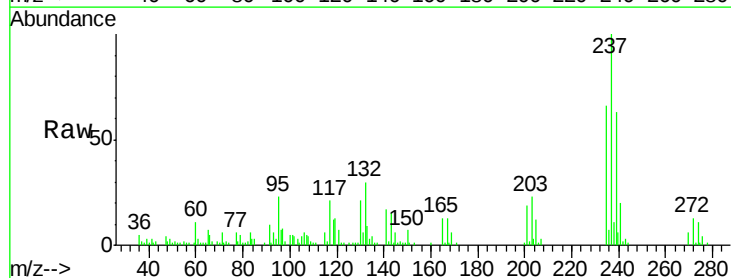
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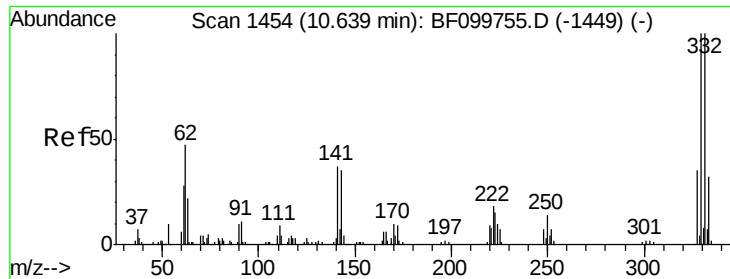
Sohil
 11/7/2017 5:40:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 45.859 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	47338		
235	66.1	44.8	84.8	
272	13.2	0.0	33.3	





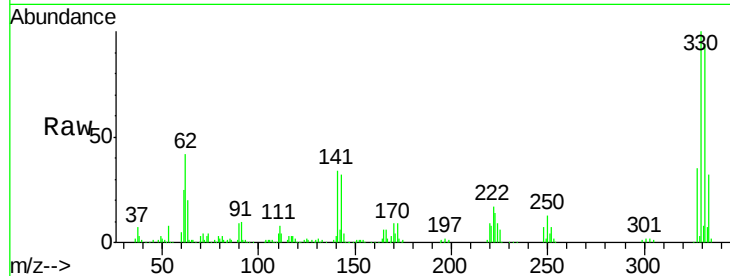
#41
 2,4,6-Tribromophenol
 Concen: 114.851 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

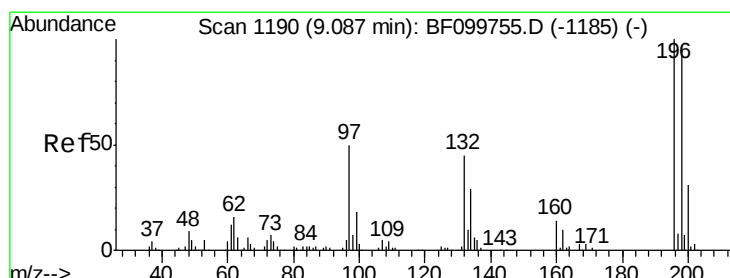
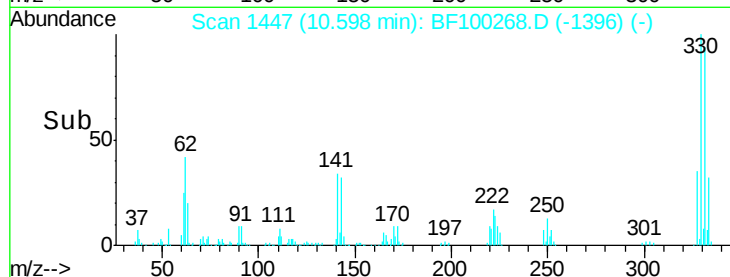
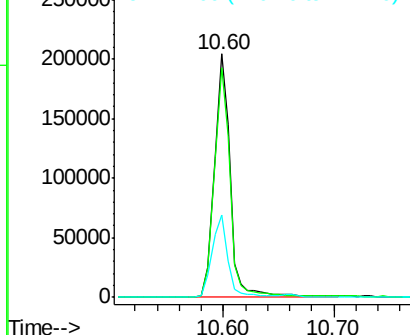
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	202515		
332	95.8	77.0	115.6	
141	33.6	29.9	44.9	

Manual Integrations
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 11/7/2017 5:40:00 PM



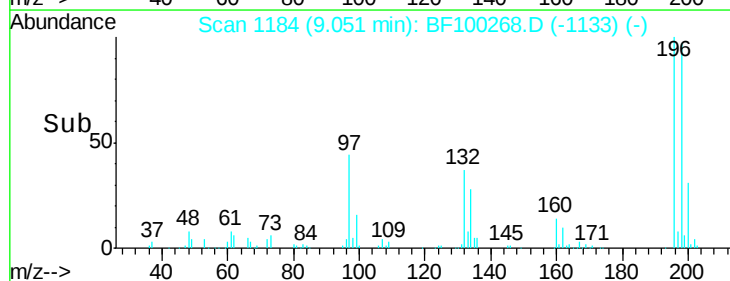
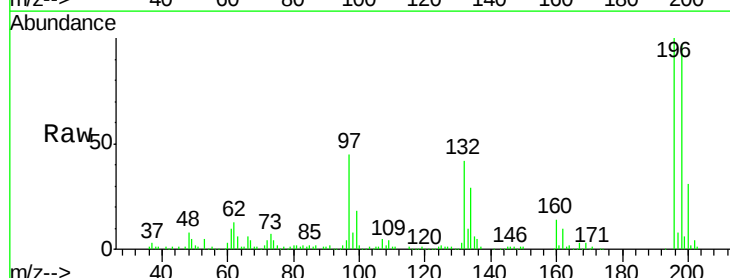
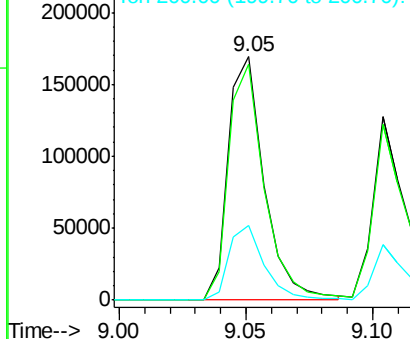
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

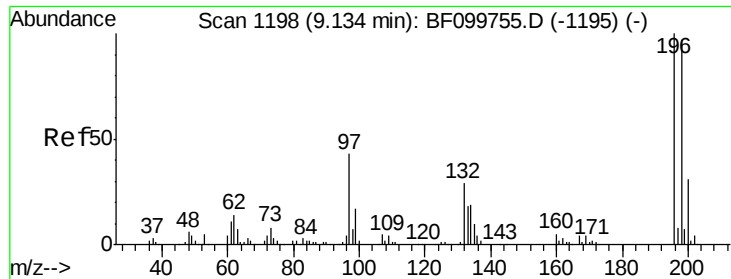


#42
 2,4,6-Trichlorophenol
 Concen: 44.267 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	167330		
198	96.8	75.7	113.5	
200	30.6	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





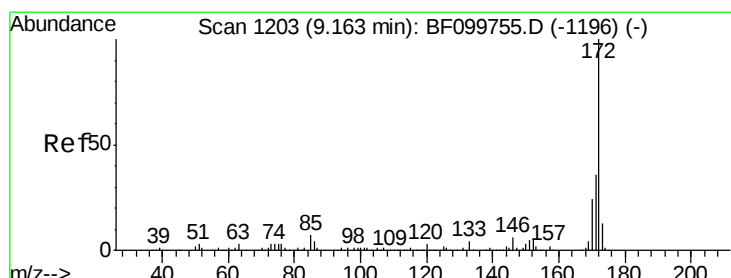
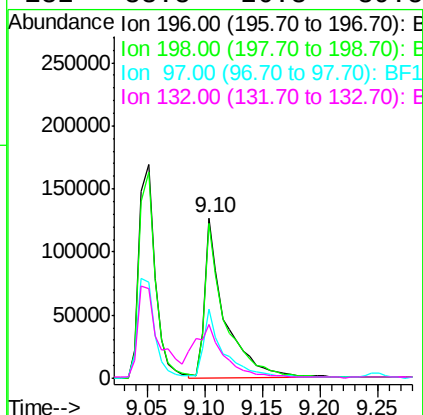
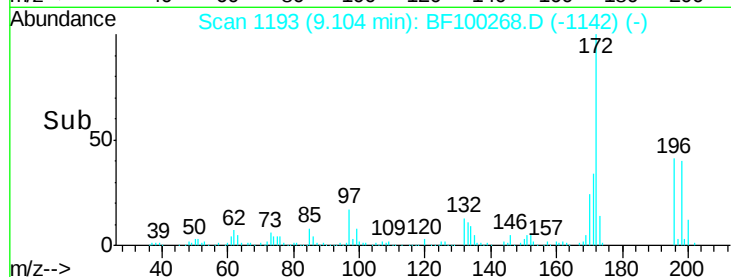
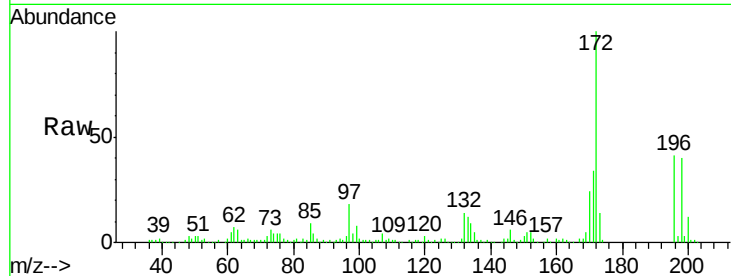
#43
 2,4,5-Trichlorophenol
 Concen: 38.823 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampled :
 S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155731		
198	96.3	74.6	112.0	
97	43.0	42.9	64.3	
132	33.8	26.3	39.5	

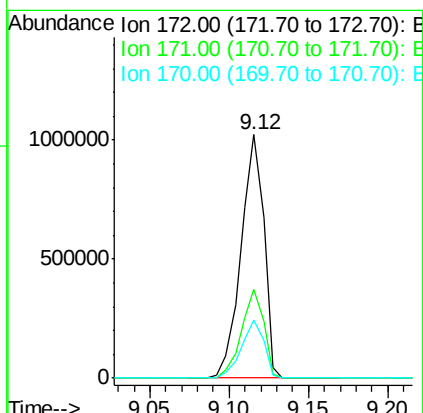
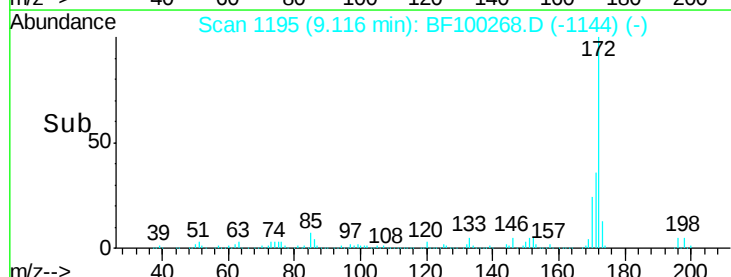
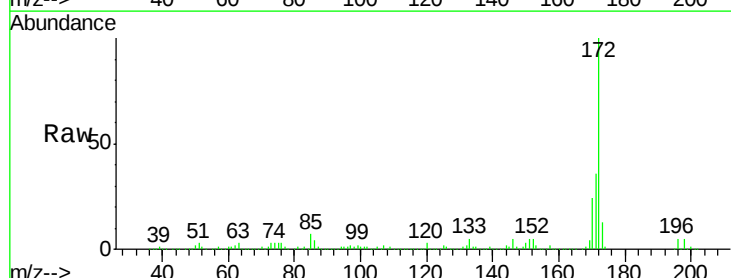
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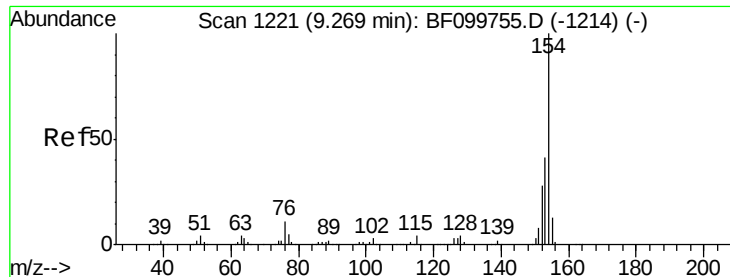
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#44
 2-Fluorobiphenyl
 Concen: 81.082 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1016844		
171	36.3	29.7	44.5	
170	23.7	19.6	29.4	





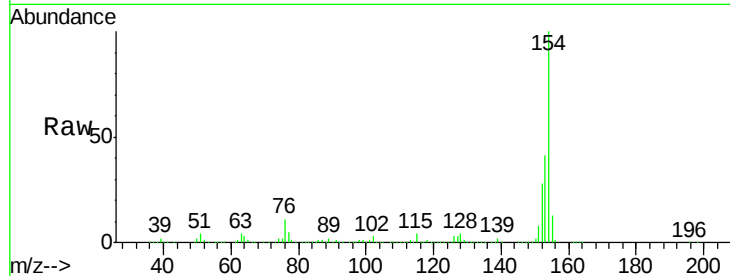
#45
1,1'-Biphenyl
Concen: 41.968 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

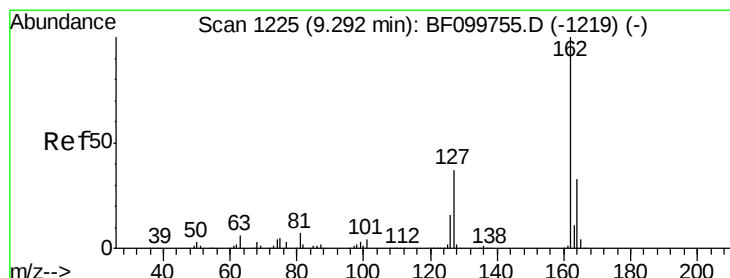
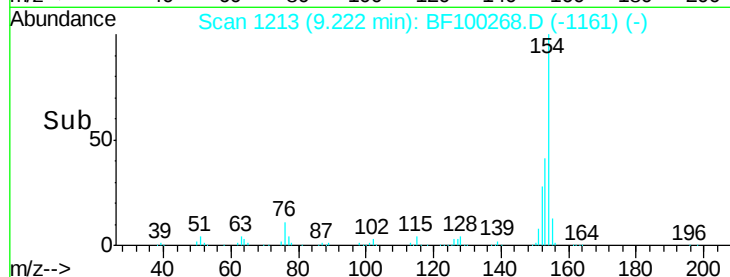
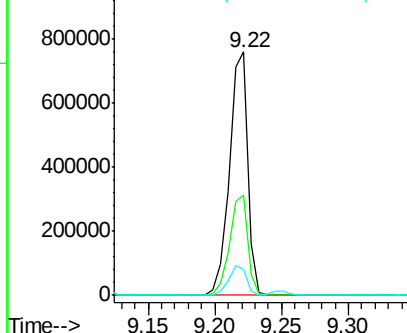
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	10.8	0.0	34.0

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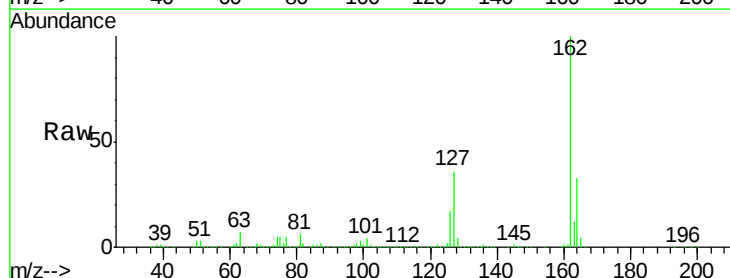


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

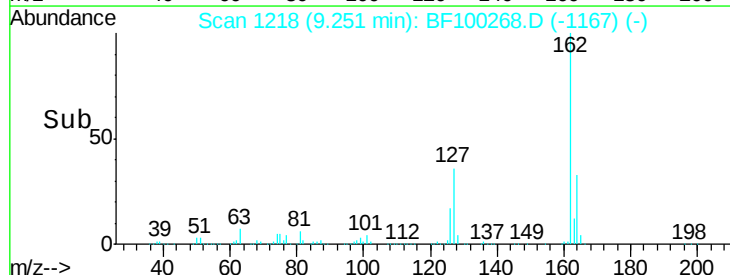
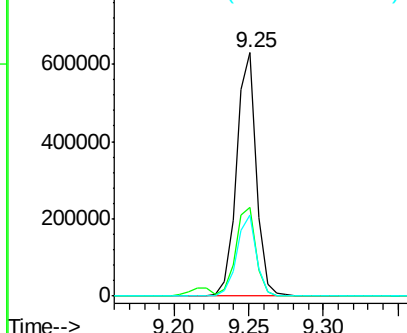


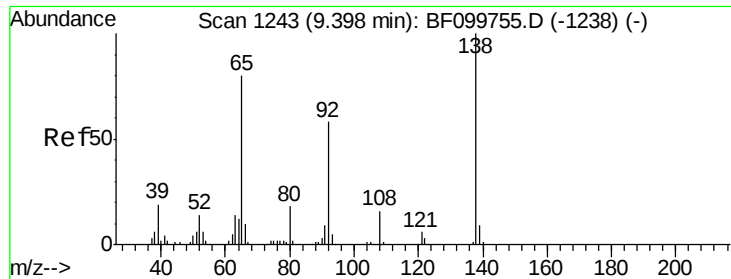
#46
2-Chloronaphthalene
Concen: 45.937 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	33.9	50.9
164	33.2	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: 45.283 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

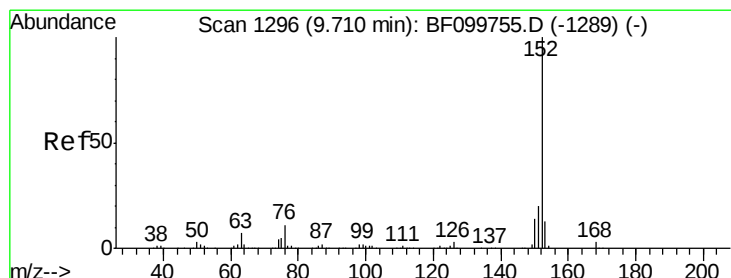
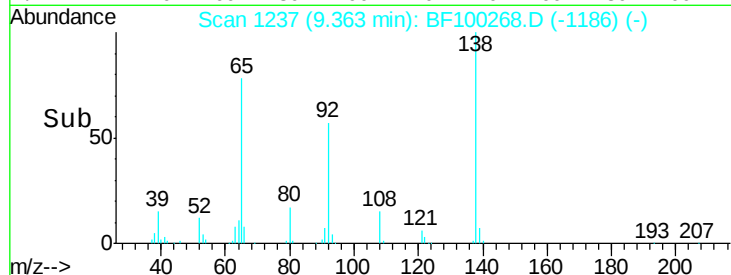
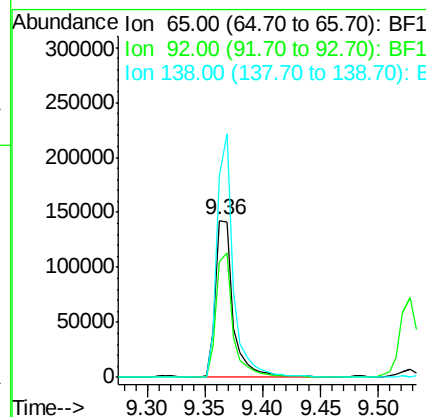
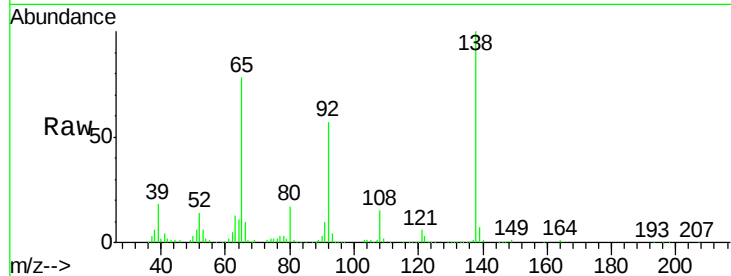
ClientSampleId :

S22-0029MSD

Tgt Ion:	65	Resp:	151079
Ion Ratio	Lower	Upper	
65	100		
92	73.5	55.8	83.6
138	128.5	91.2	136.8

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#48

Acenaphthylene

Concen: 43.835 ng

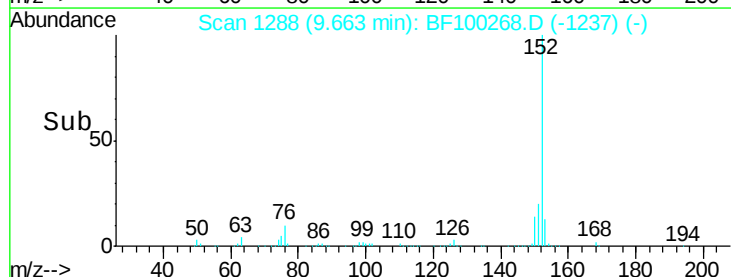
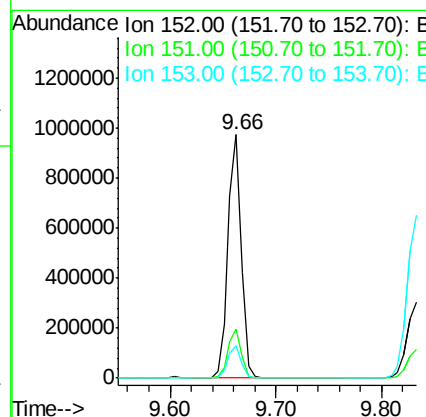
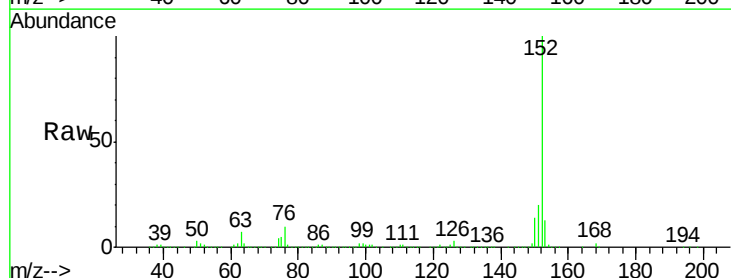
RT: 9.66 min Scan# 1288

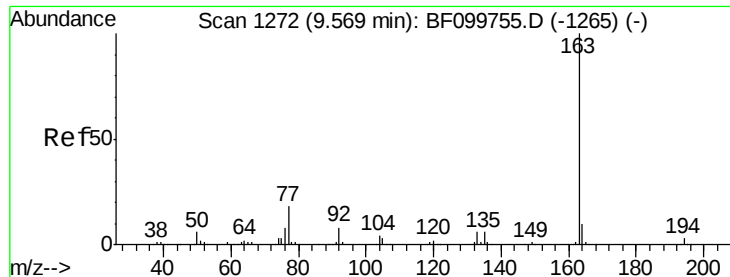
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	152	Resp:	858245
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	13.4	10.7	16.1





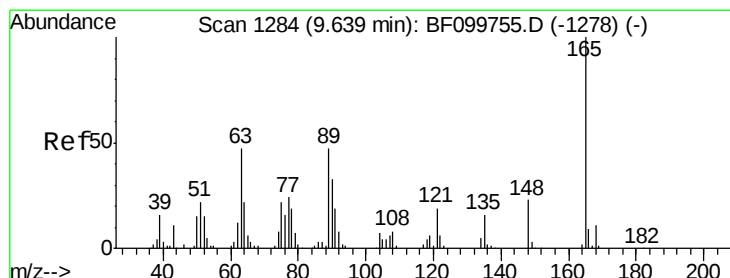
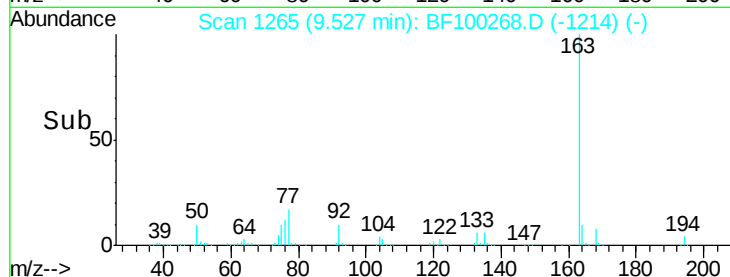
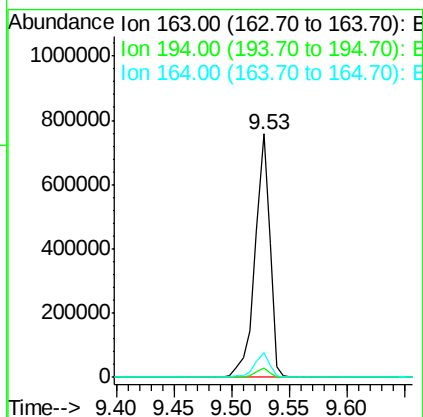
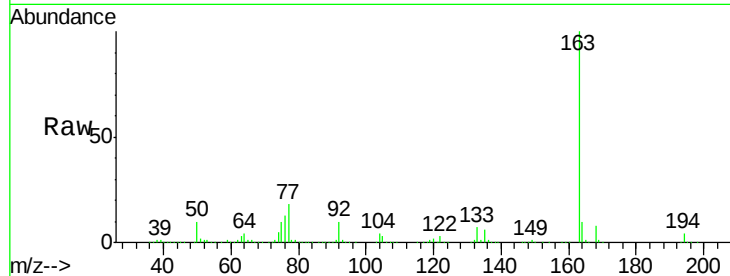
#49
Dimethylphthalate
Concen: 44.122 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	676065		
194	3.7	2.7	4.1	
164	10.1	8.2	12.2	

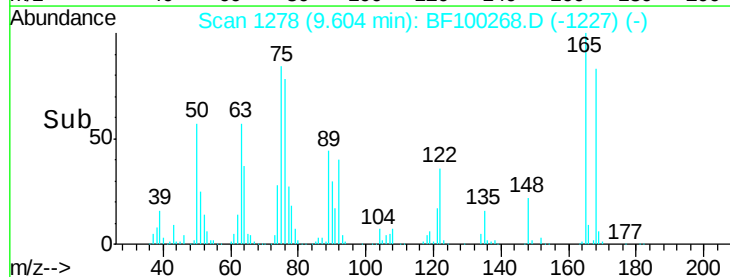
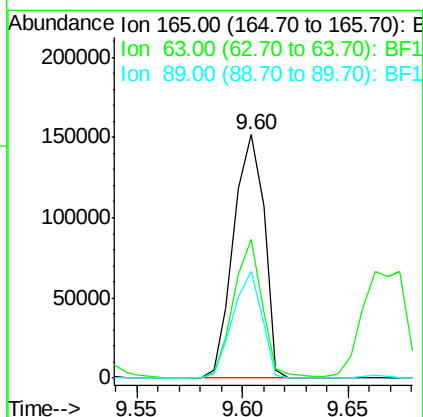
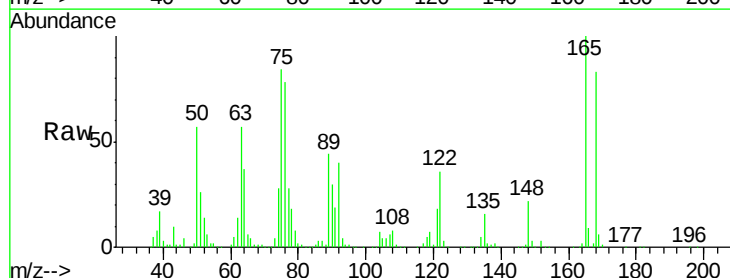
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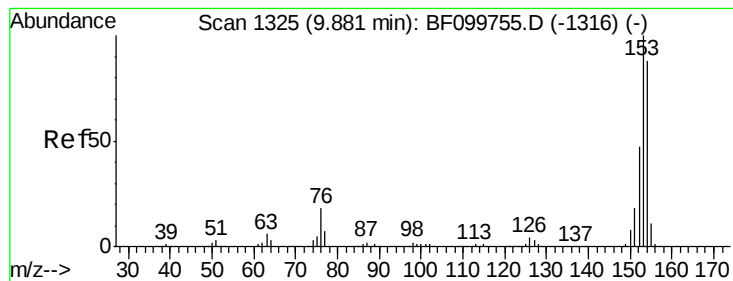
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#50
2,6-Dinitrotoluene
Concen: 47.279 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152293		
63	56.9	44.7	67.1	
89	43.8	44.0	66.0	





#51

Acenaphthene

Concen: 43.997 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

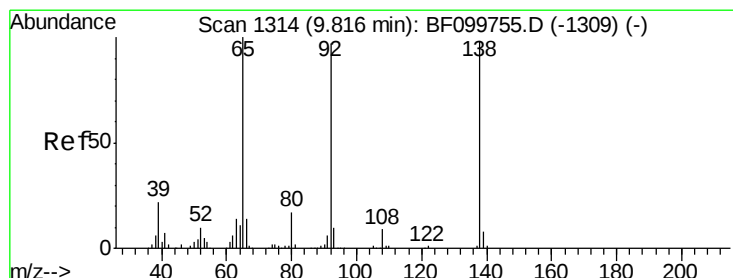
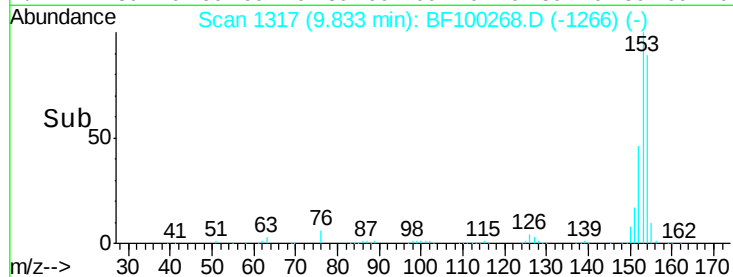
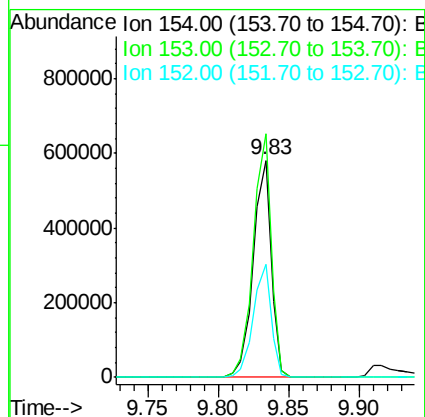
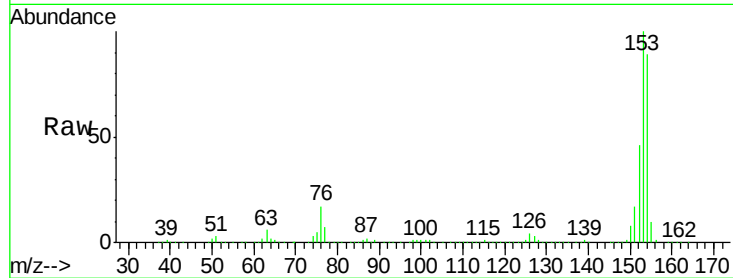
ClientSampleId :

S22-0029MSD

Tgt Ion:	154	Resp:	526345
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.2	136.8
152	52.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 20.649 ng

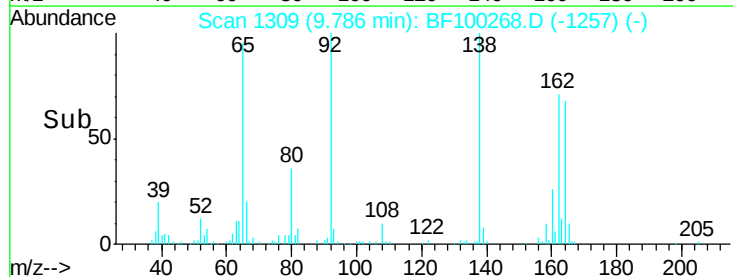
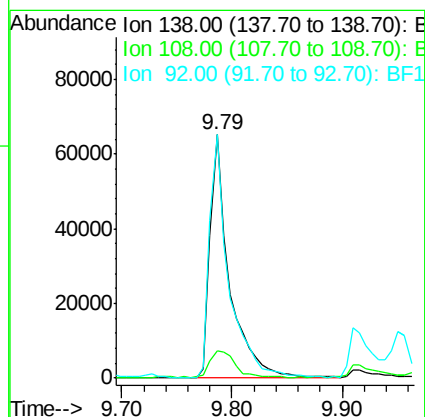
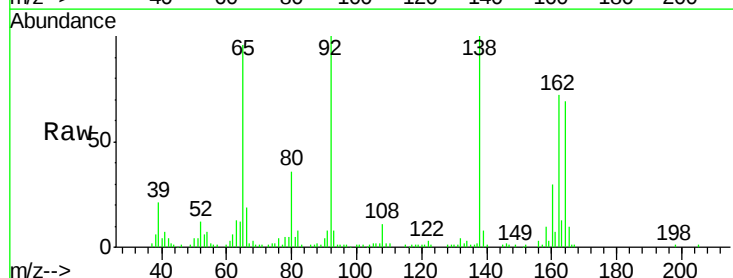
RT: 9.79 min Scan# 1309

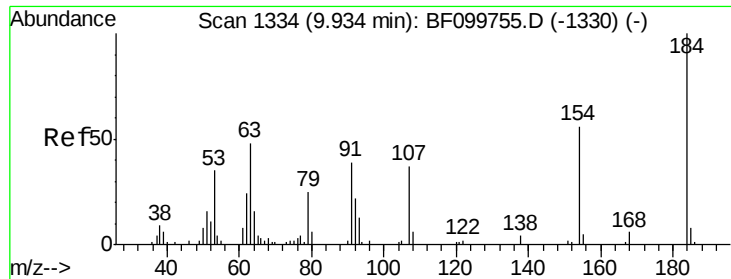
Delta R.T. 0.01 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	138	Resp:	78371
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	99.9	89.4	134.2





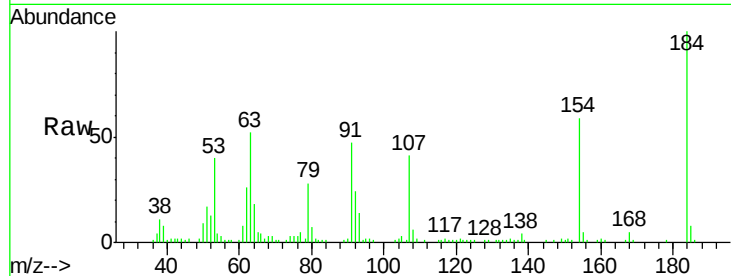
#53
2,4-Dinitrophenol
Concen: 99.257 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

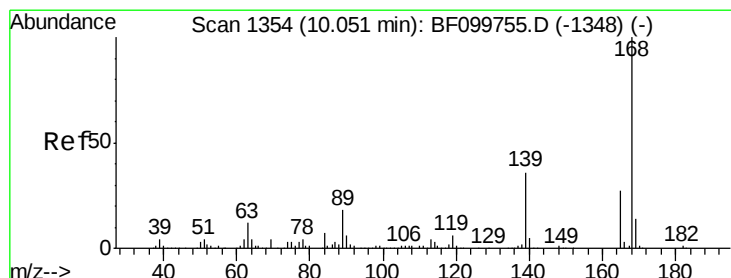
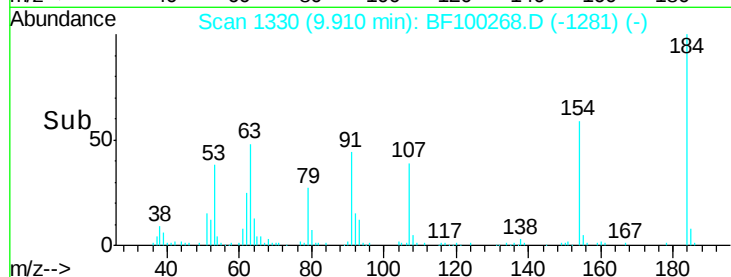
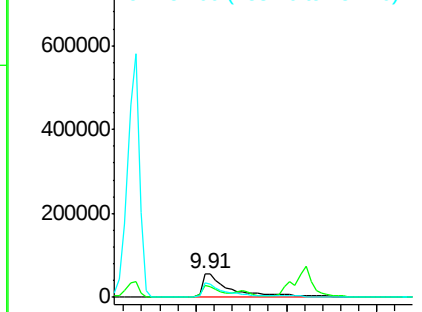
Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
63	52.3	54.2	81.2#
154	58.7	53.5	80.3

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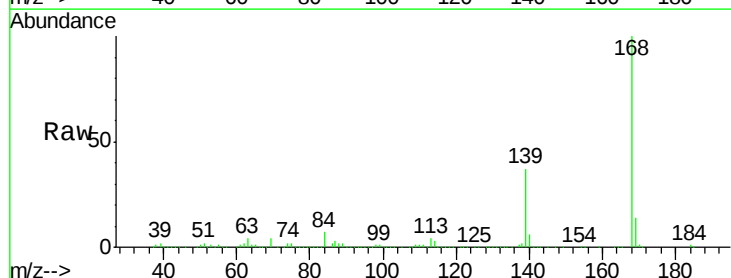


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

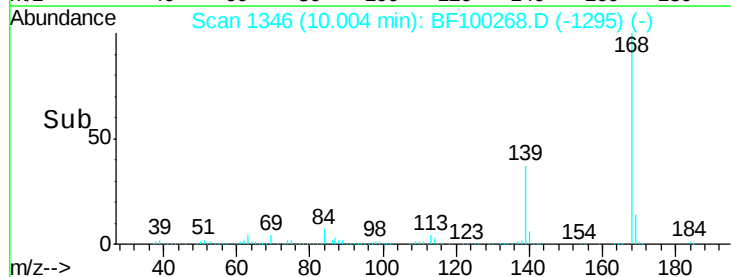
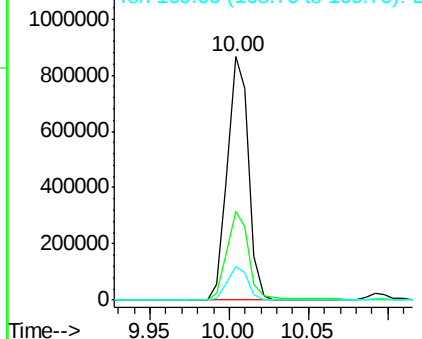


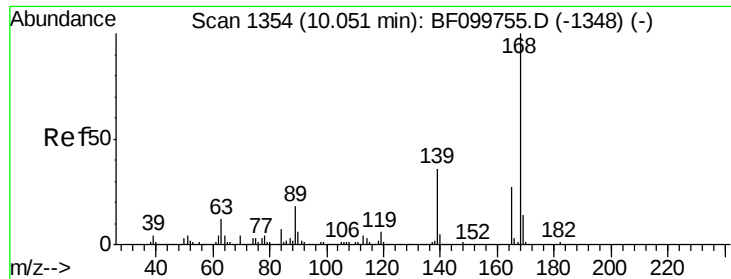
#54
Dibenzofuran
Concen: 47.074 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
168	100		
139	36.6	30.1	45.1
169	13.6	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





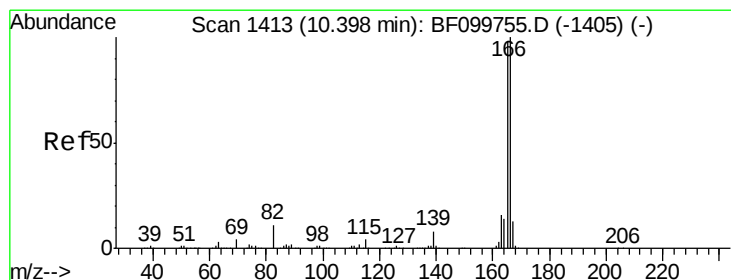
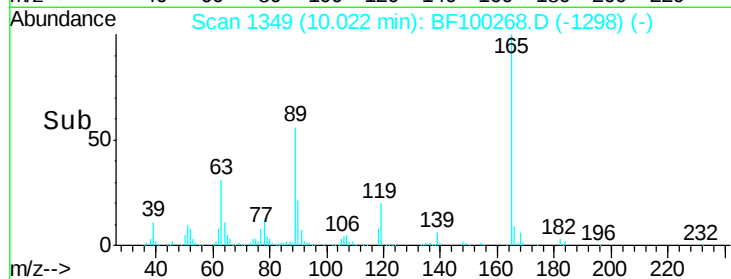
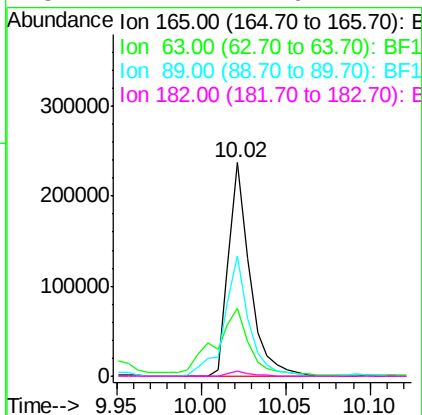
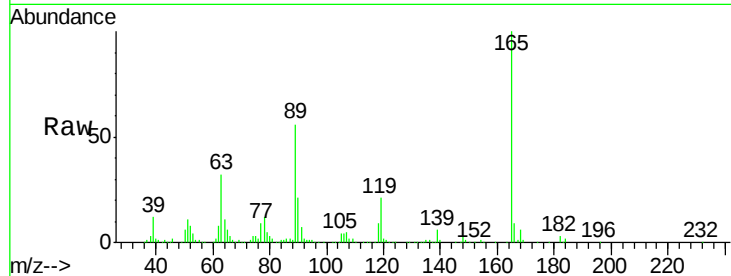
#56
2,4-Dinitrotoluene
Concen: 53.920 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	209166		
63	31.6	36.4	54.6#	
89	56.1	57.8	86.6#	
182	2.7	1.6	2.4#	

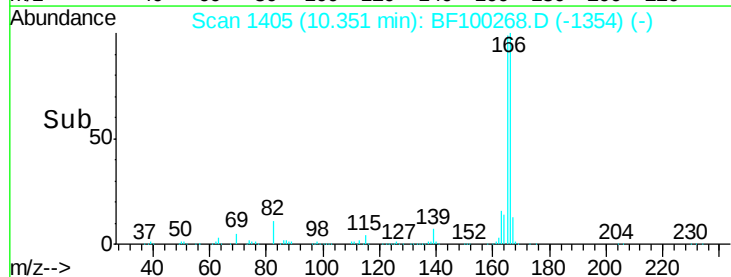
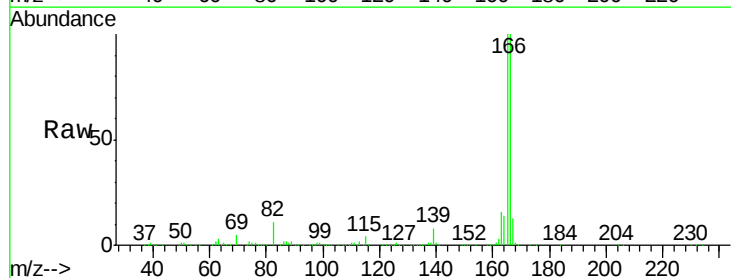
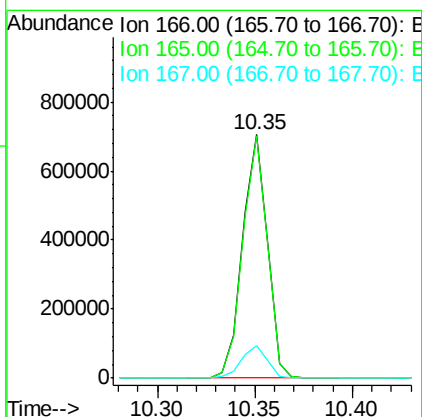
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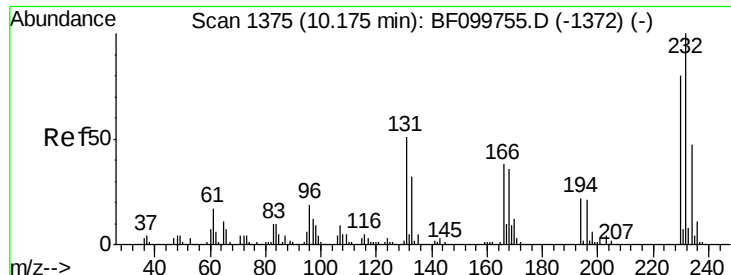
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#57
Fluorene
Concen: 44.189 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	617838		
165	99.6	79.8	119.8	
167	13.5	10.6	16.0	





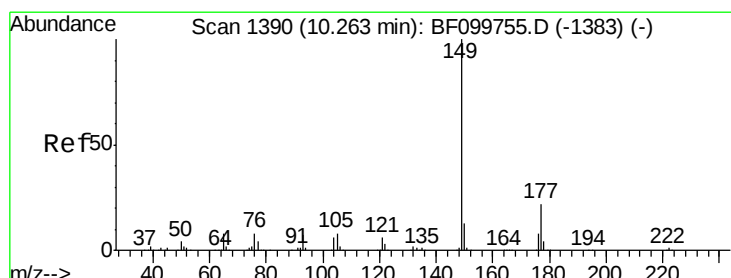
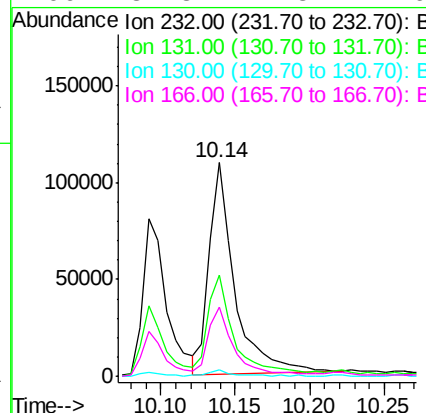
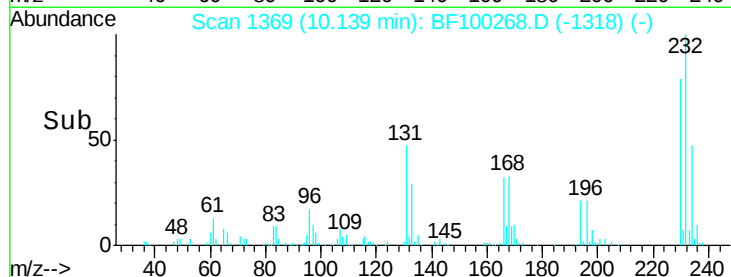
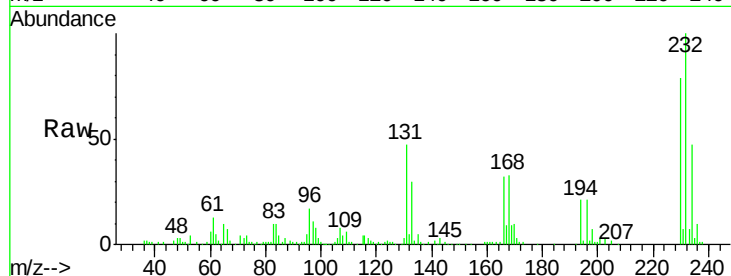
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.902 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.6	43.8	65.8
130	3.0	2.1	3.1
166	31.3	27.8	41.6

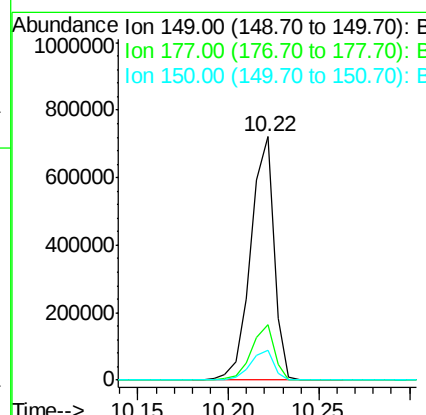
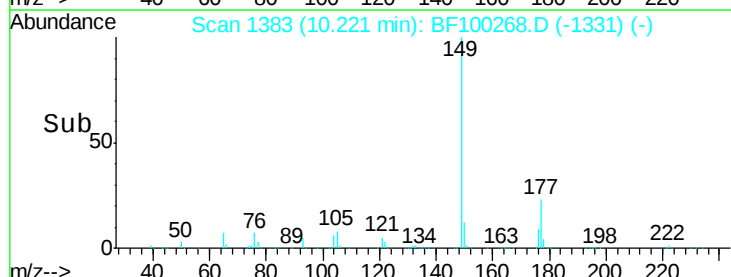
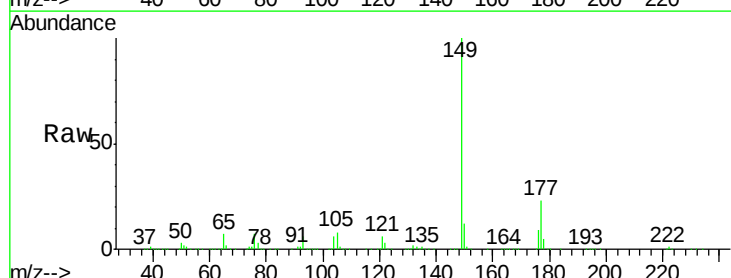
Manual Integrations
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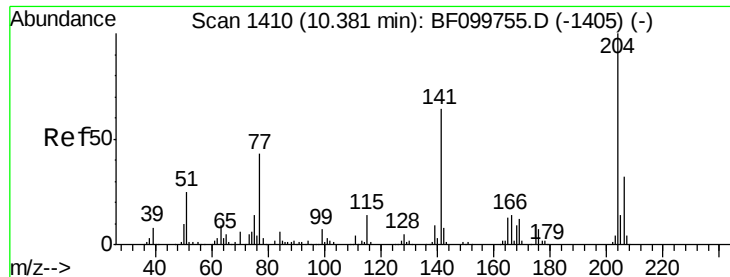
Sohil
 11/7/2017 5:40:00 PM



#59
 Diethylphthalate
 Concen: 42.977 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.1	24.1
150	12.2	10.1	15.1





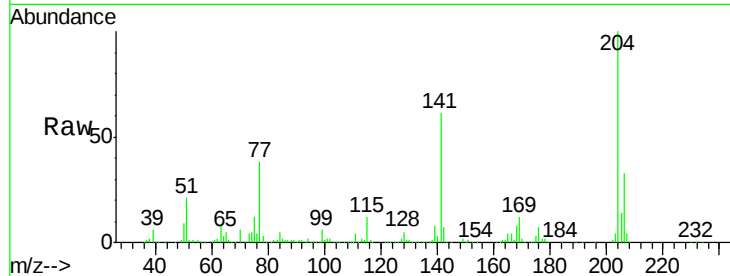
#60
4-Chlorophenyl-phenylether
Concen: 44.803 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

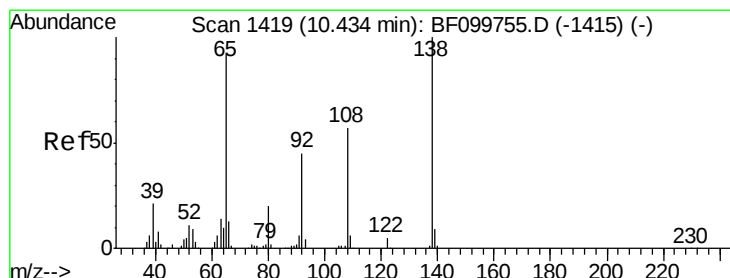
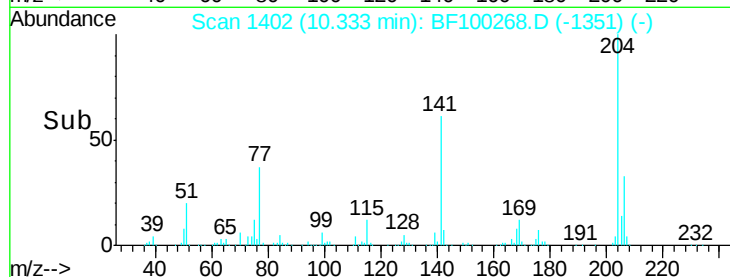
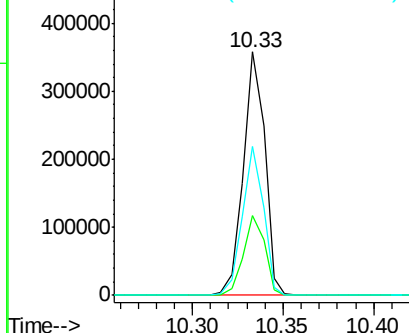
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	61.4	54.6	81.8

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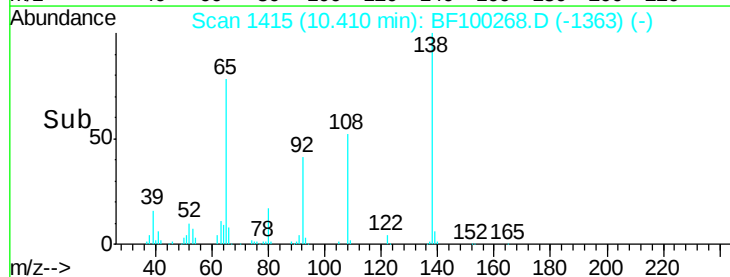
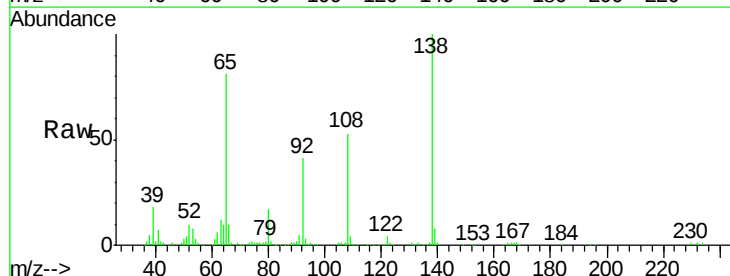
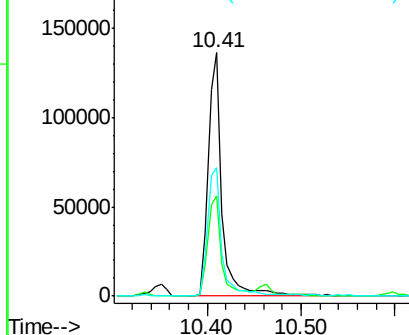
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

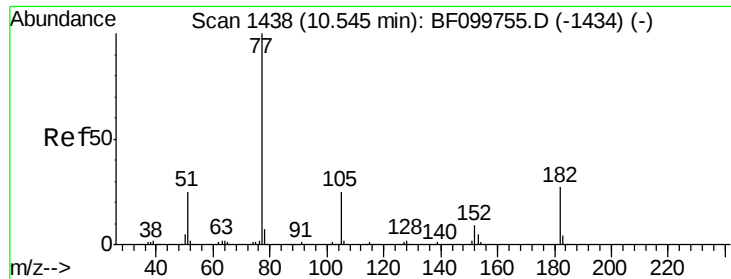


#61
4-Nitroaniline
Concen: 38.621 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	41.2	30.2	70.2
108	52.8	52.5	92.5

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 44.270 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

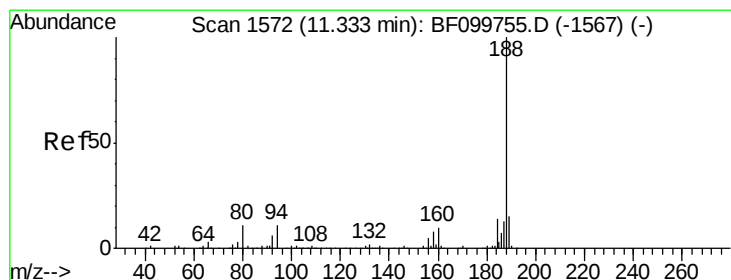
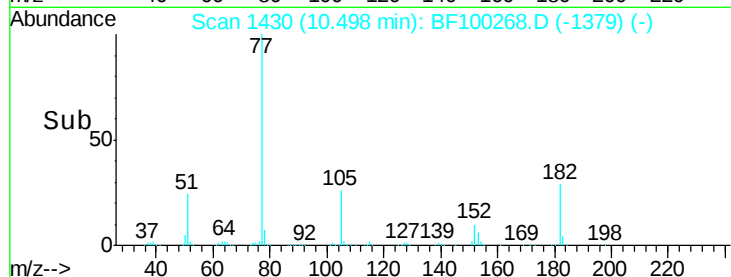
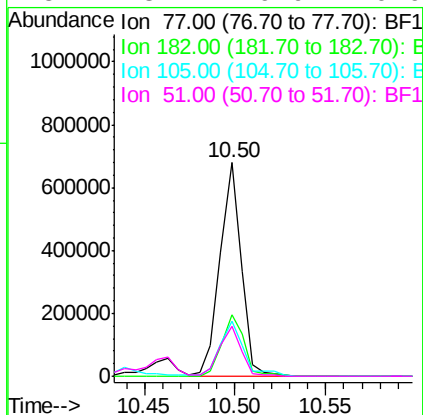
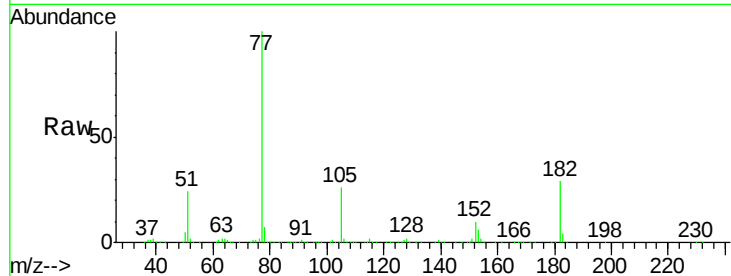
ClientSampled :

S22-0029MSD

Tgt Ion:	77	Resp:	555291
Ion Ratio	Lower	Upper	
77	100		
182	28.7	1.7	41.7
105	26.1	3.0	43.0
51	23.7	9.9	49.9

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#63

Phenanthrene-d10

Concen: 20.000 ng

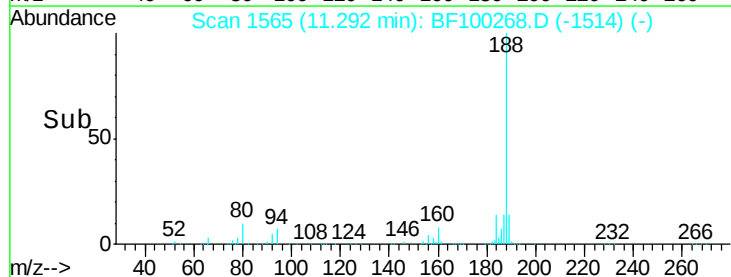
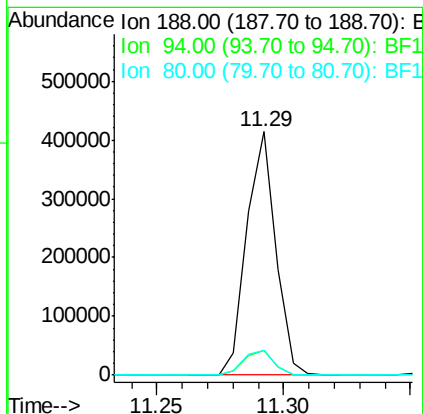
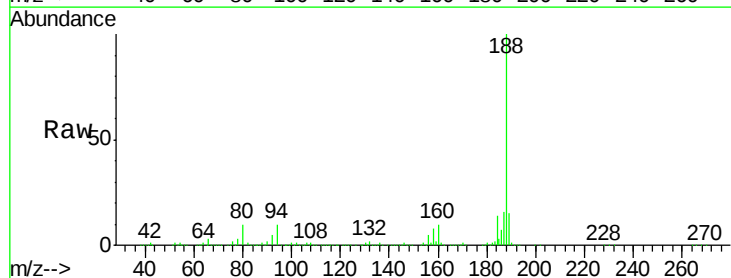
RT: 11.29 min Scan# 1565

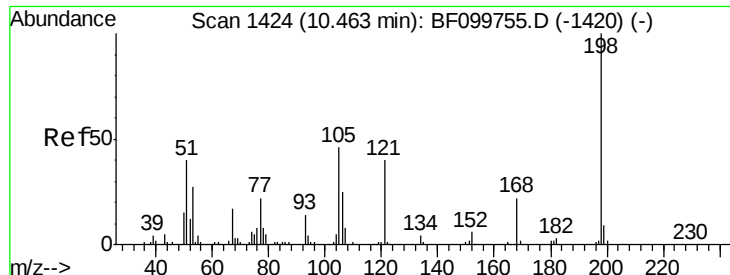
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	188	Resp:	330235
Ion Ratio	Lower	Upper	
188	100		
94	10.0	8.5	12.7
80	10.2	9.2	13.8





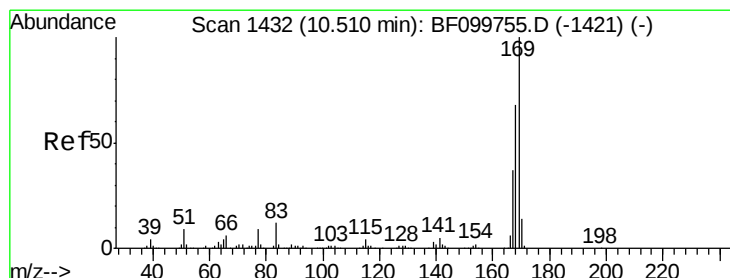
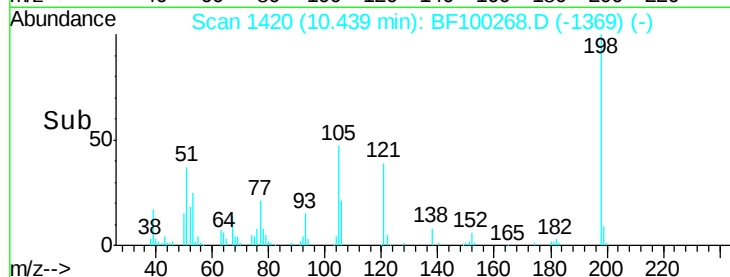
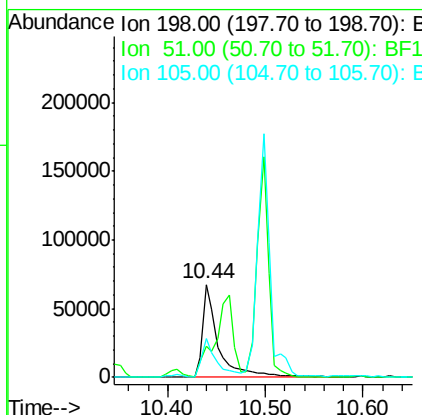
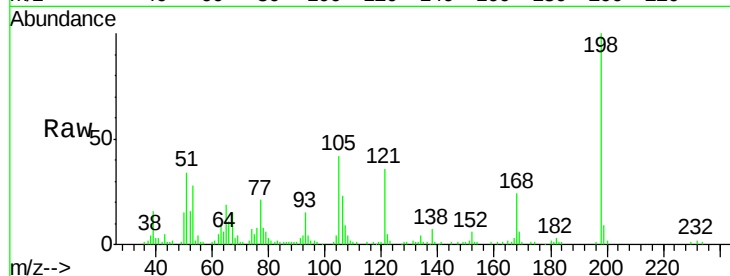
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.186 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.1	37.7	77.7#
105	42.4	36.3	76.3

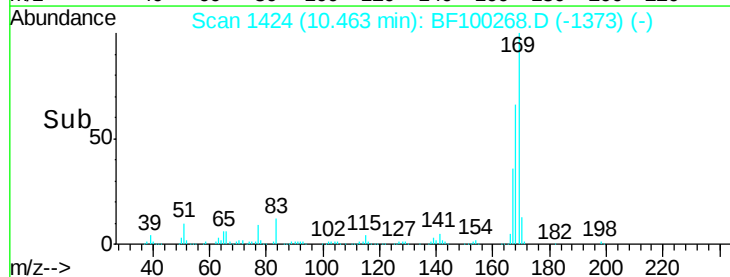
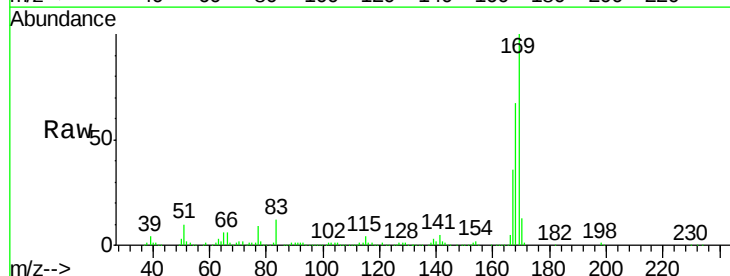
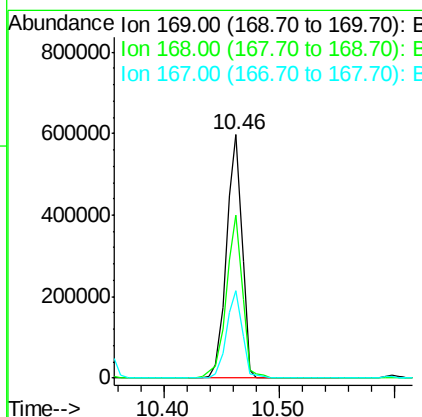
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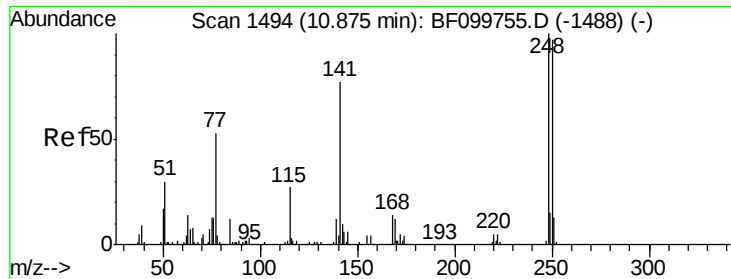
Sohil
 11/7/2017 5:40:00 PM



#65
 n-Nitrosodiphenylamine
 Concen: 45.581 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.4	81.6
167	35.8	29.8	44.6





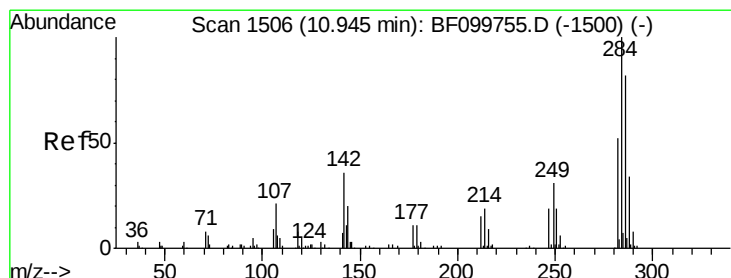
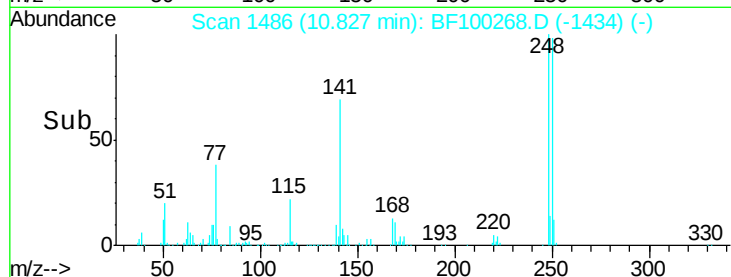
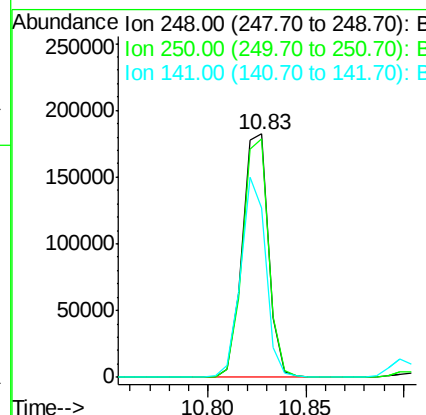
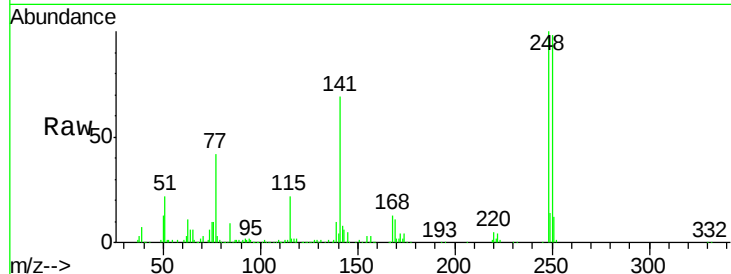
#66
4-Bromophenyl-phenylether
Concen: 48.713 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.0	76.9	115.3
141	69.3	74.4	111.6

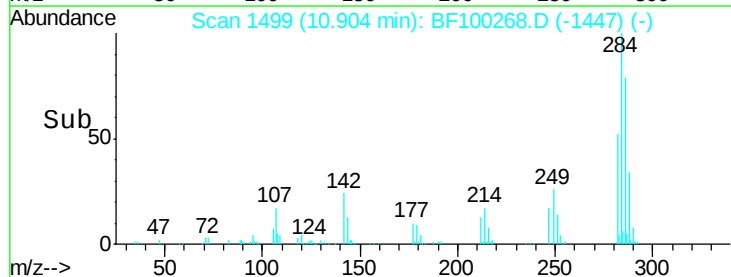
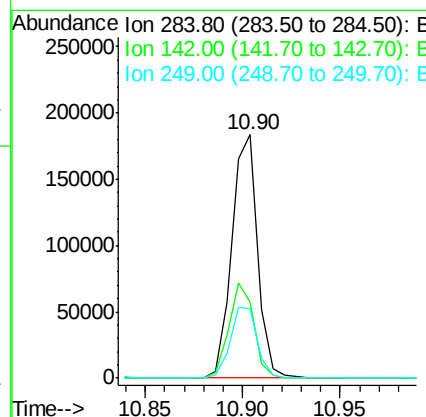
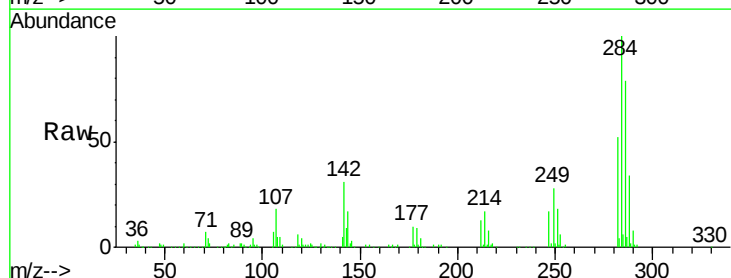
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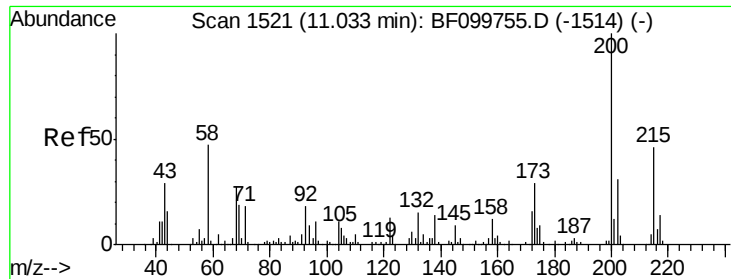
Sohil
11/7/2017 5:40:00 PM



#67
Hexachlorobenzene
Concen: 47.058 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	34.6	52.0
249	28.4	24.8	37.2





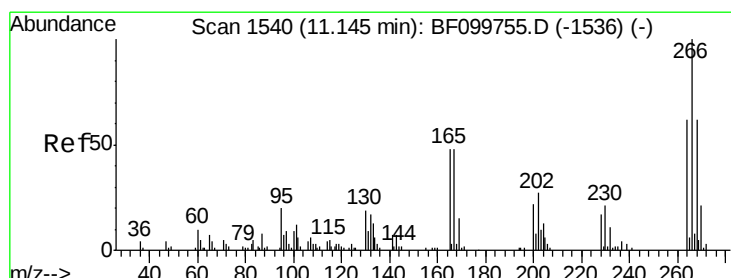
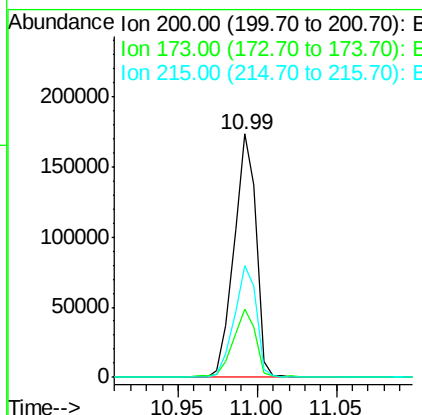
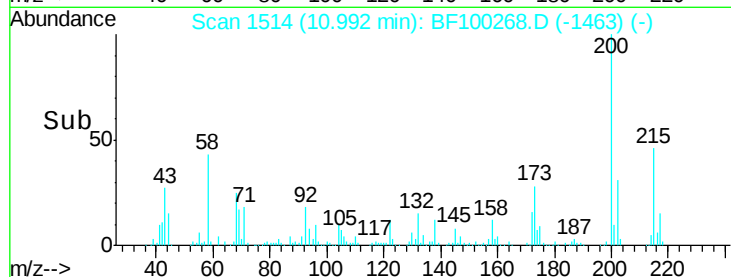
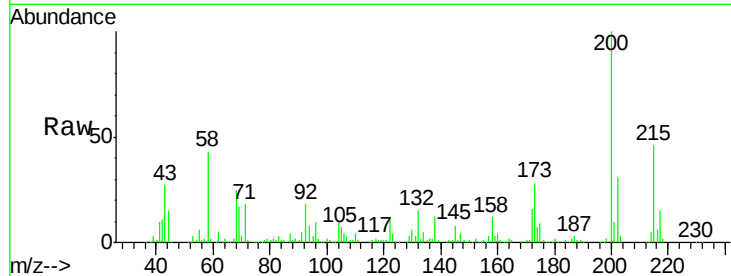
#68
Atrazine
Concen: 45.652 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167170		
173	28.0	8.6	48.6	
215	46.0	25.1	65.1	

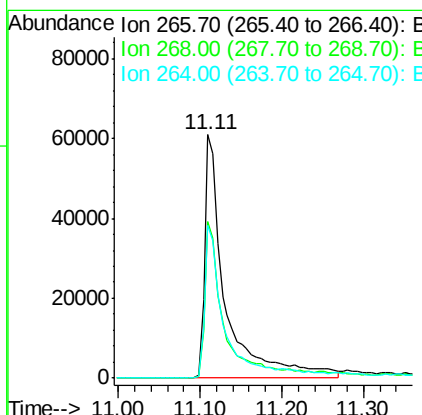
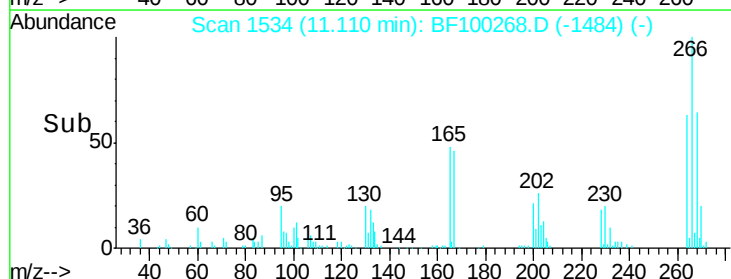
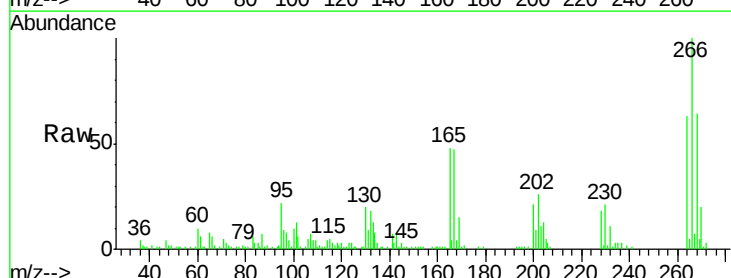
Manual Integrations
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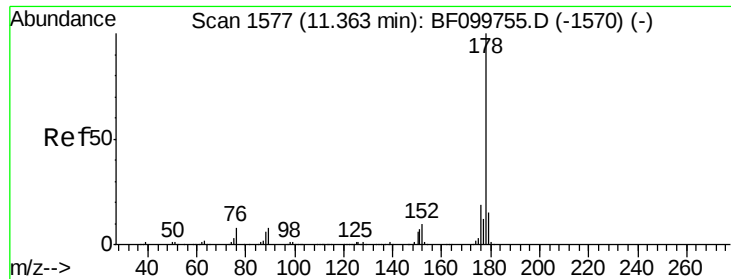
Sohil
11/7/2017 5:40:00 PM



#69
Pentachlorophenol
Concen: 71.192 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	108197		
268	64.3	51.1	76.7	
264	62.9	49.5	74.3	





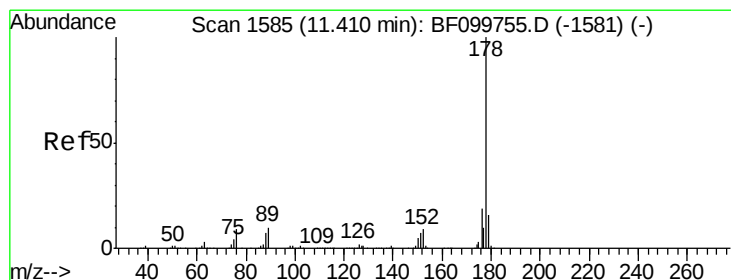
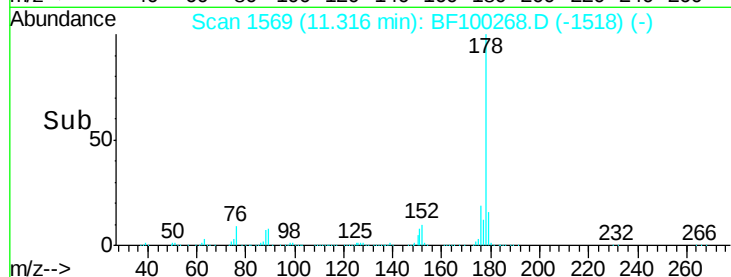
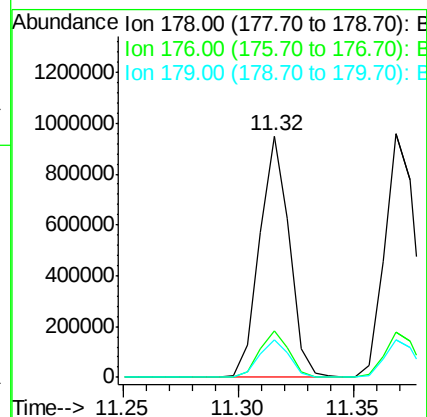
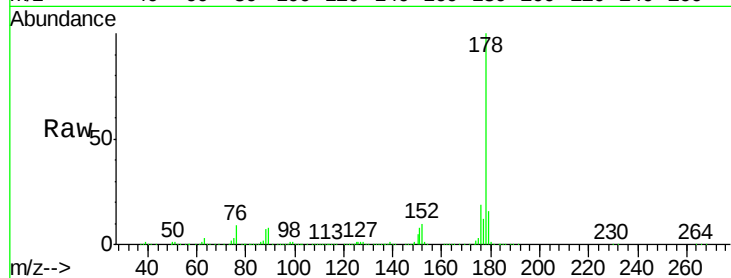
#70
Phenanthrene
Concen: 45.899 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

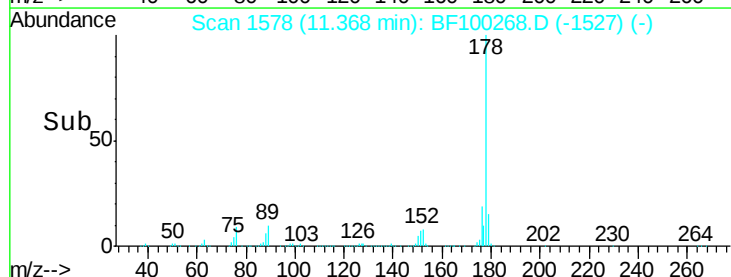
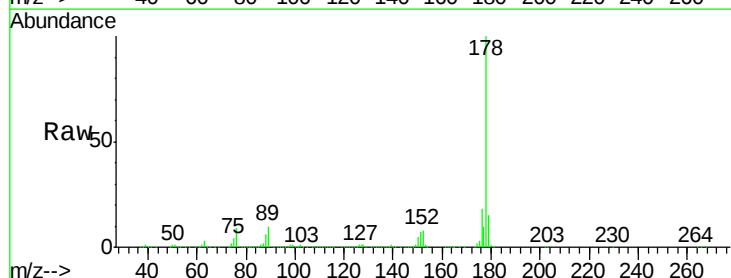
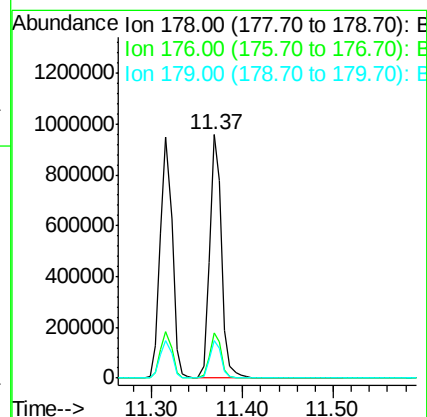
Manual Integrations
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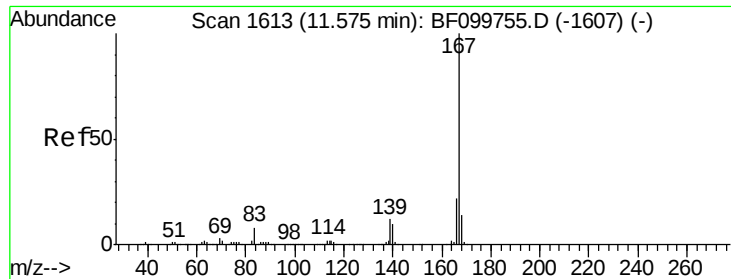
Sohil
11/7/2017 5:40:00 PM



#71
Anthracene
Concen: 47.265 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	19.0





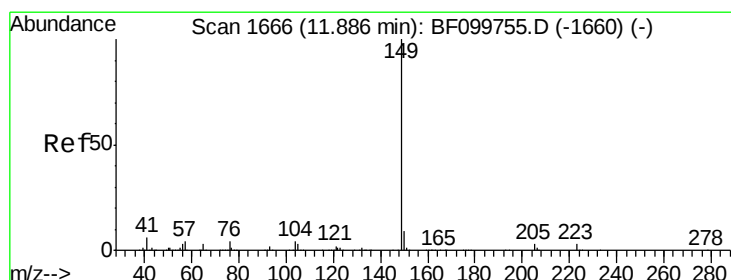
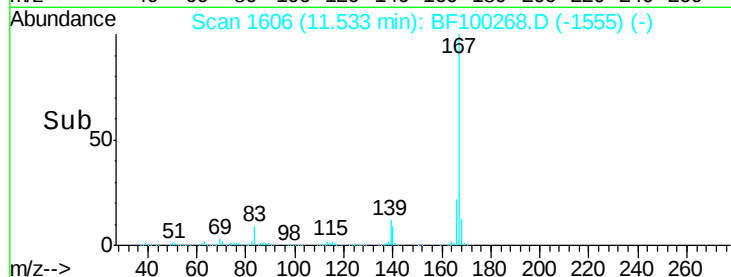
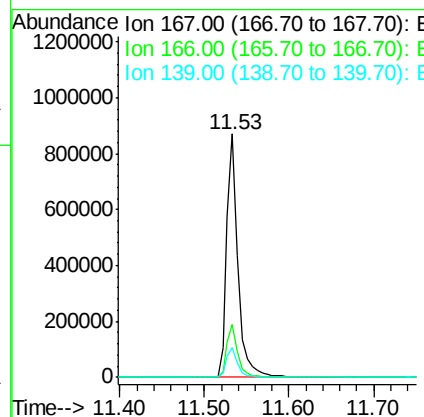
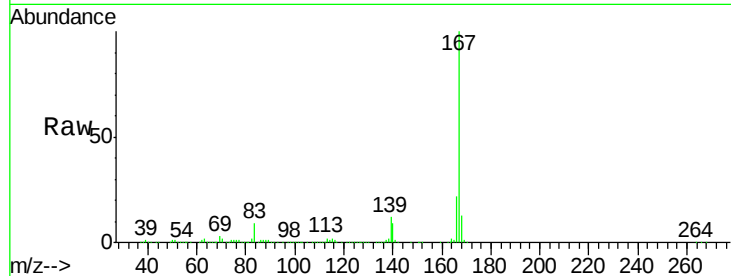
#72
 Carbazole
 Concen: 45.715 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.3	10.9	16.3

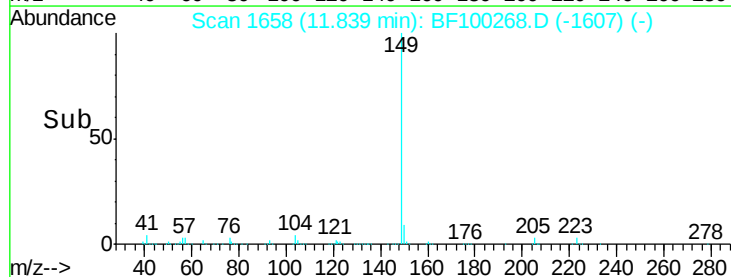
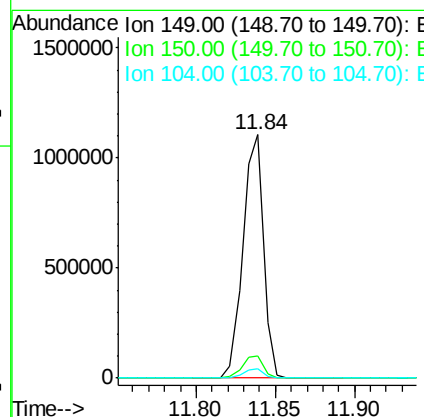
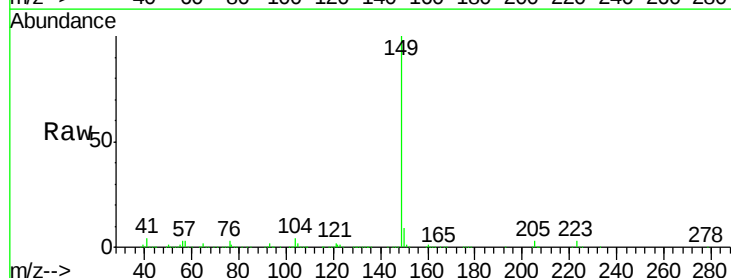
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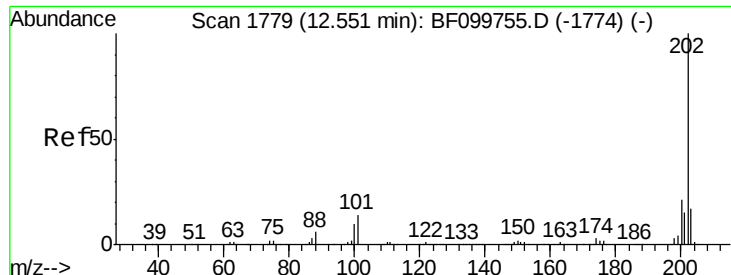
Sohil
 11/7/2017 5:40:00 PM



#73
 Di-n-butylphthalate
 Concen: 43.706 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF100268.D
 Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	3.8	3.8	5.8





#74

Fluoranthene

Concen: 41.369 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

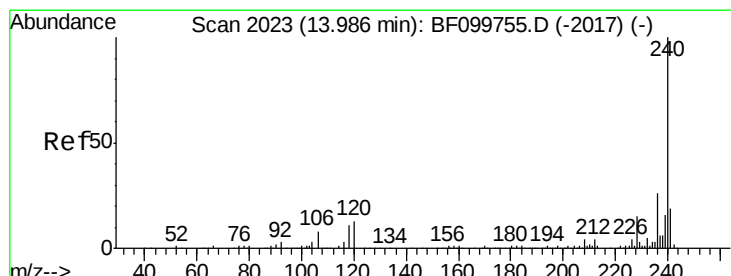
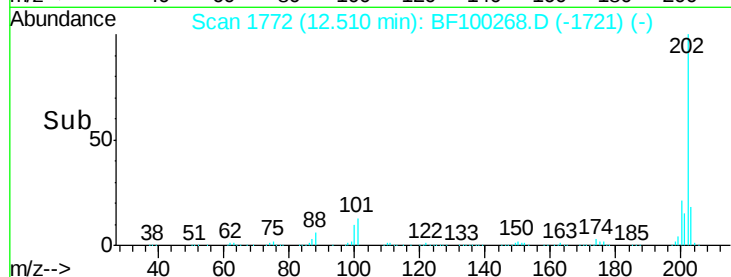
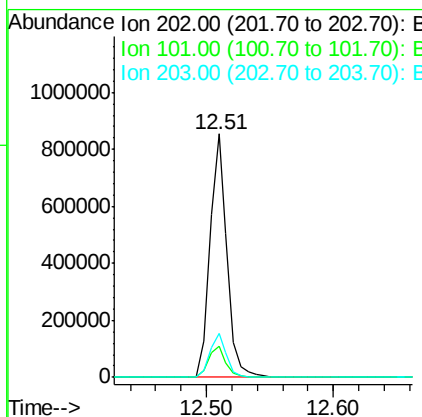
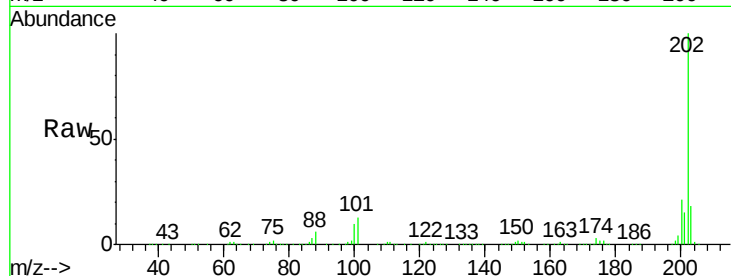
ClientSampled :

S22-0029MSD

Tgt	Ion	202	Resp:	801230
	Ion	Ratio	Lower	Upper
	202	100		
	101	13.0	0.0	34.1
	203	17.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

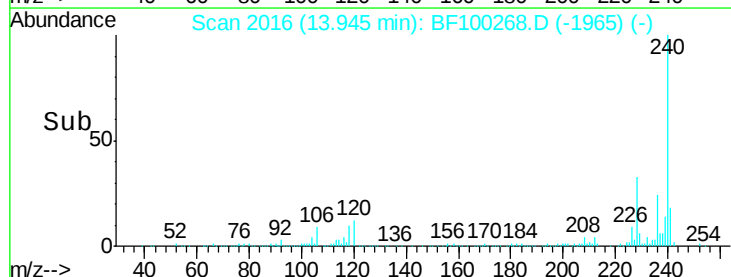
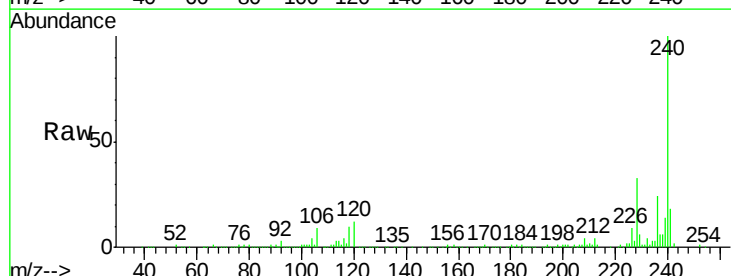
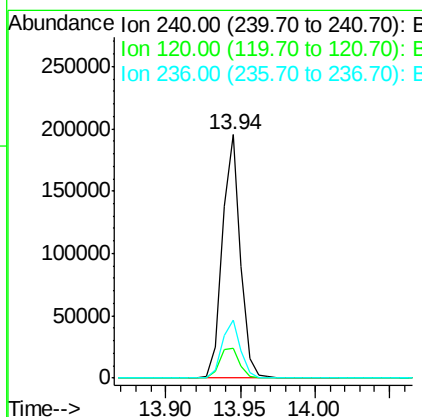
RT: 13.94 min Scan# 2016

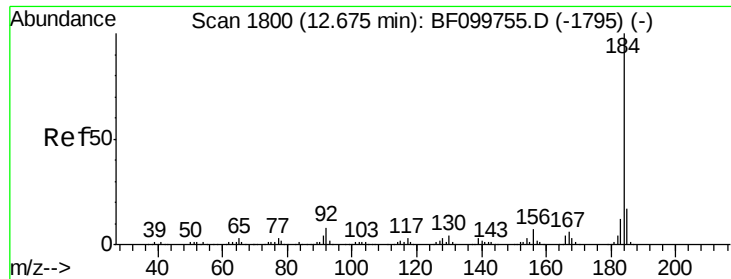
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt	Ion	240	Resp:	166134
	Ion	Ratio	Lower	Upper
	240	100		
	120	12.3	9.5	14.3
	236	24.1	20.7	31.1





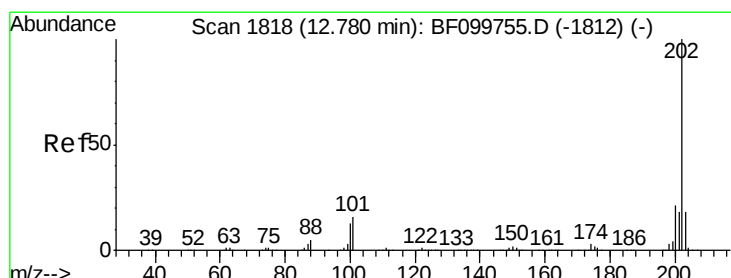
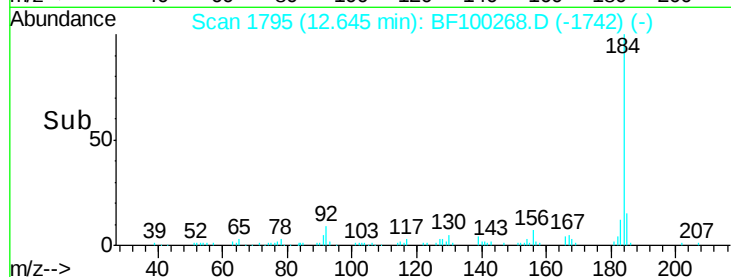
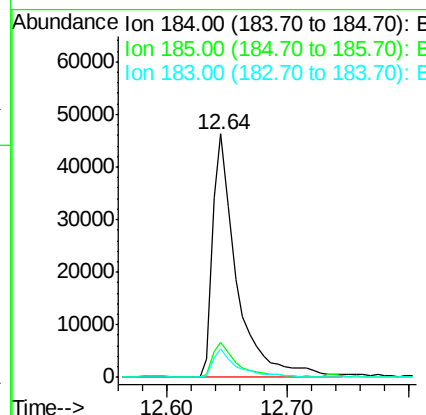
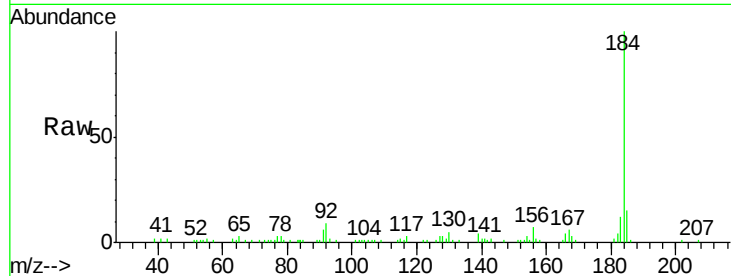
#76
Benzidine
Concen: 8.796 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.5	9.3	13.9

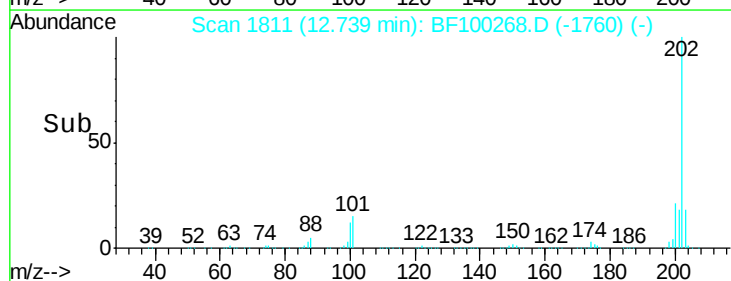
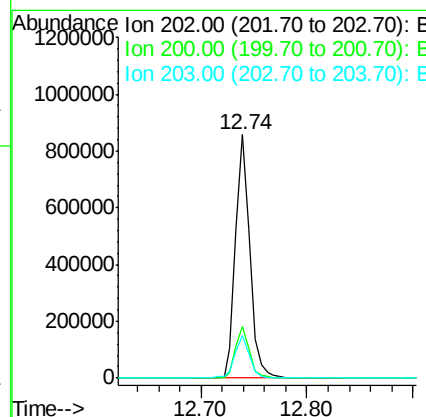
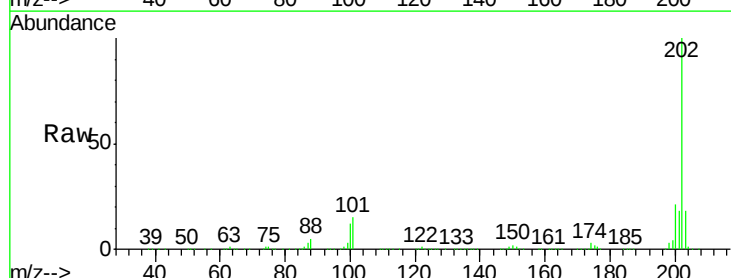
Manual Integrations
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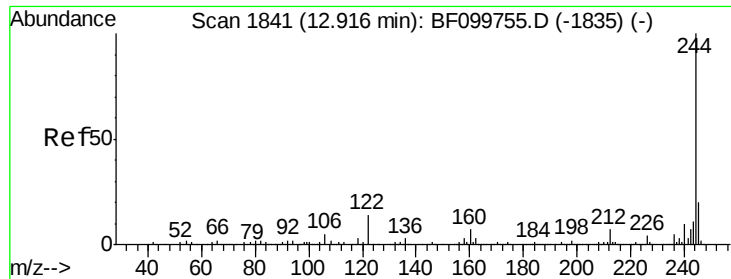
Sohil
11/7/2017 5:40:00 PM



#77
Pyrene
Concen: 63.040 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5





#78

Terphenyl-d14

Concen: 111.955 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

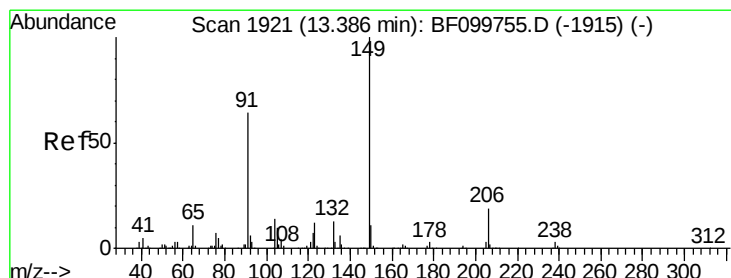
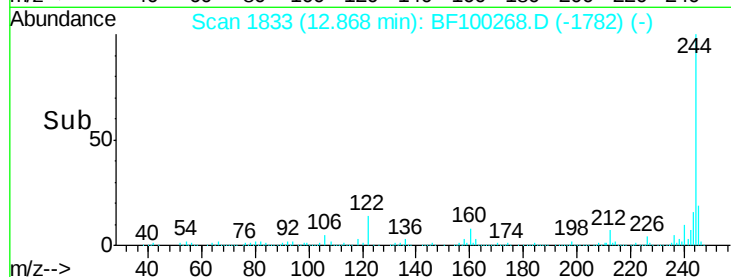
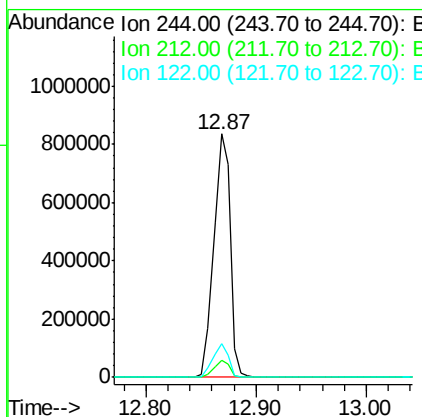
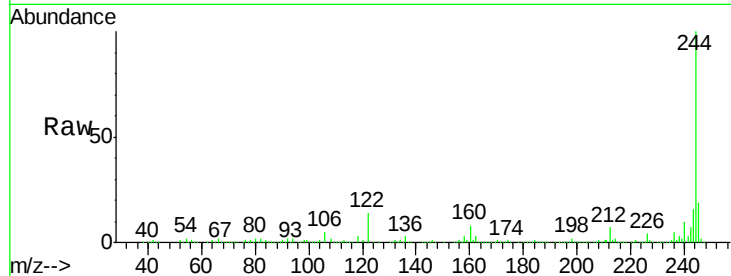
ClientSampled :

S22-0029MSD

Tgt Ion:	244	Resp:	851089
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4

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#79

Butylbenzylphthalate

Concen: 54.800 ng

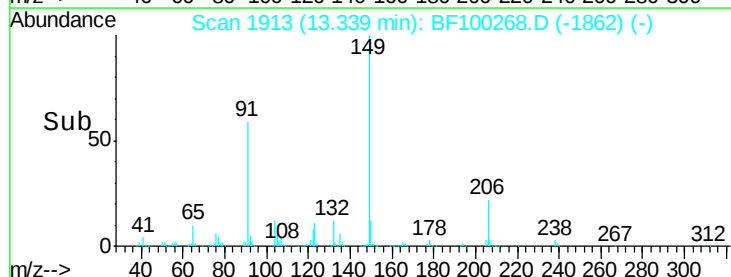
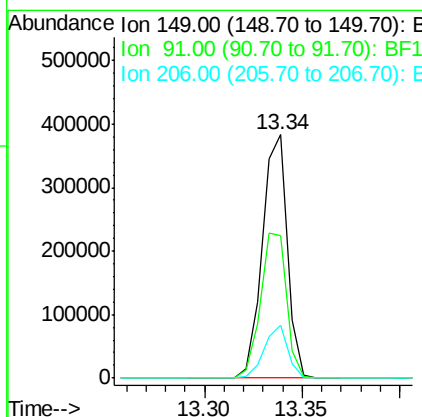
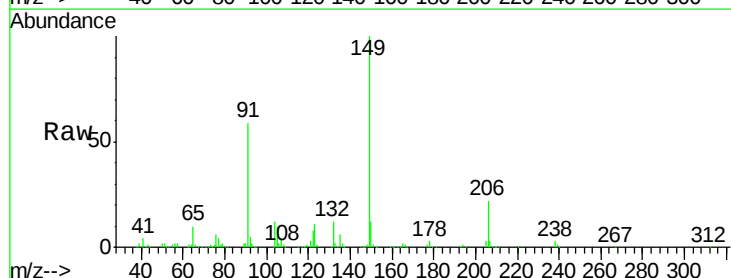
RT: 13.34 min Scan# 1913

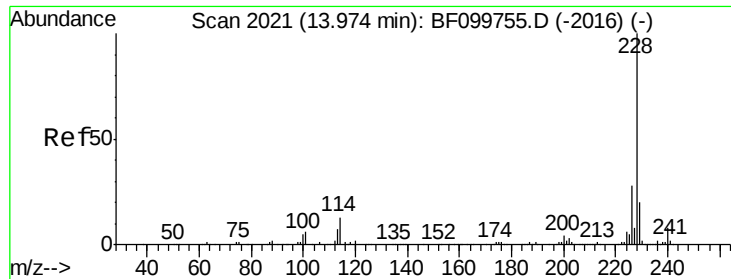
Delta R.T. -0.00 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Tgt Ion:	149	Resp:	340897
Ion Ratio		Lower	Upper
149	100		
91	58.7	56.8	85.2
206	21.6	14.1	21.1#





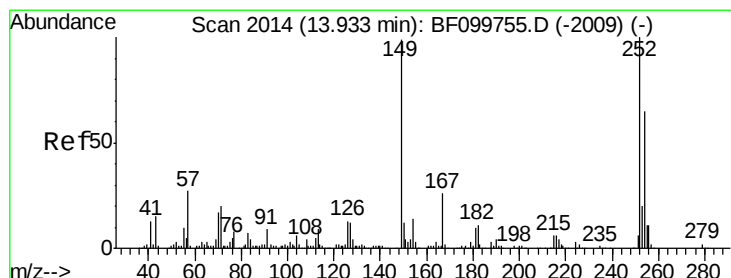
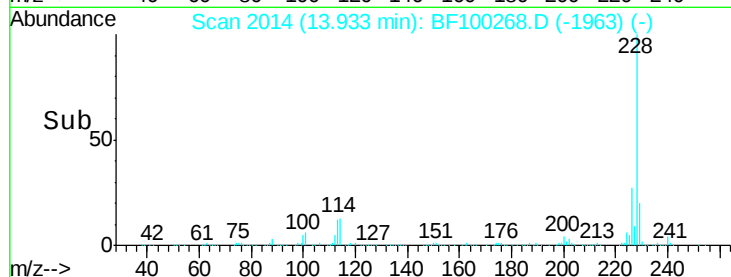
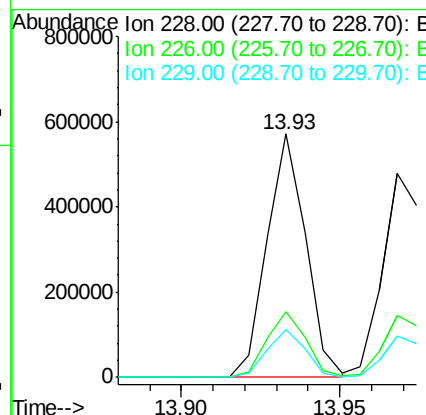
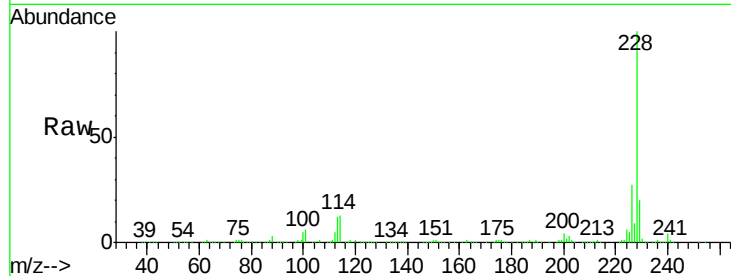
#80
Benzo(a)anthracene
Concen: 46.202 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.8	15.8	23.6

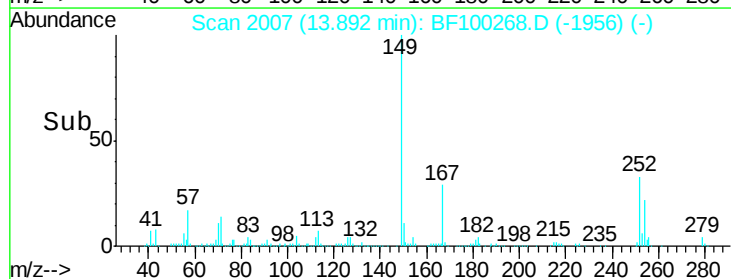
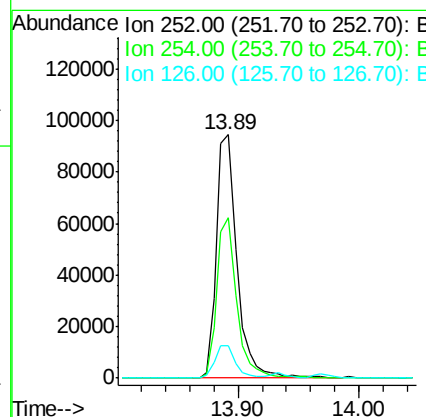
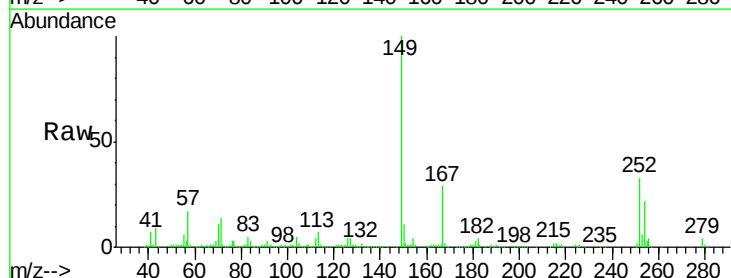
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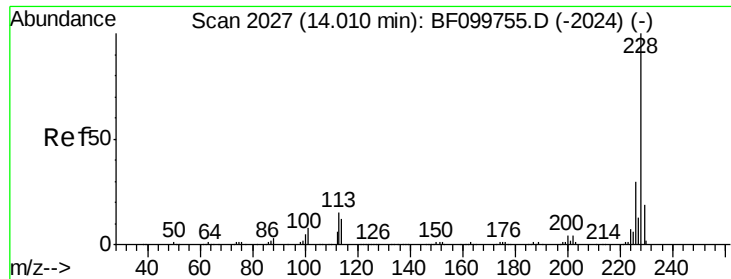
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#81
3,3'-Dichlorobenzidine
Concen: 28.929 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	50.4	75.6
126	13.4	11.3	16.9





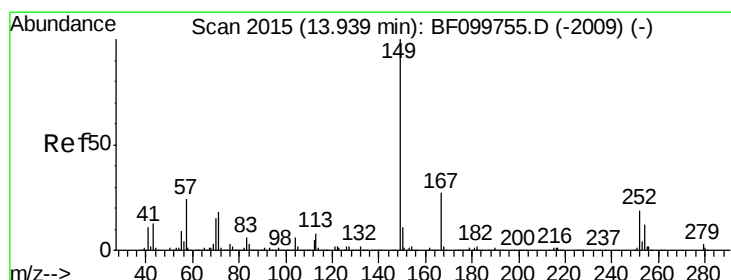
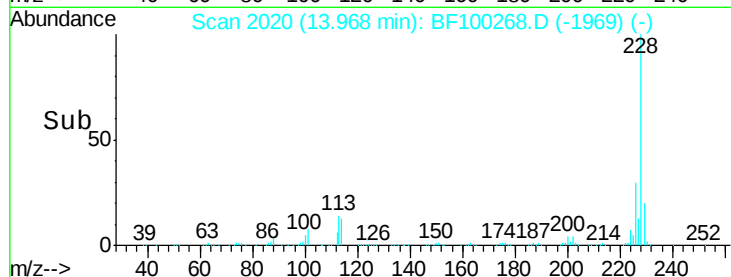
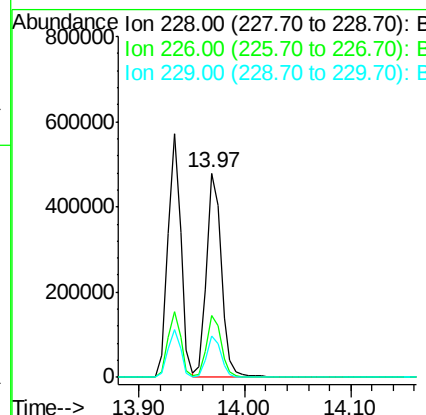
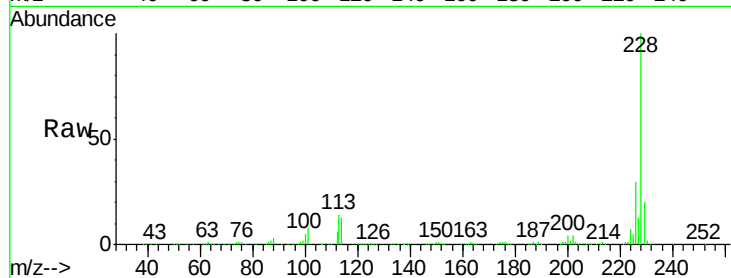
#82
Chrysene
Concen: 47.448 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.1	16.2	24.4

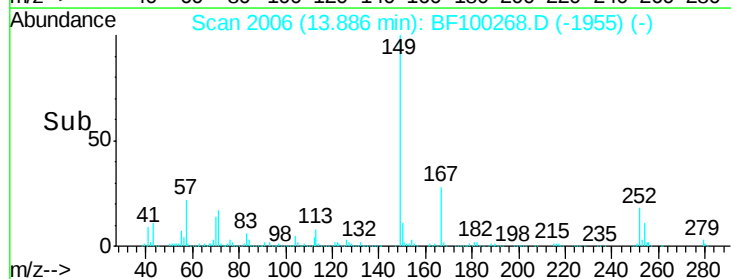
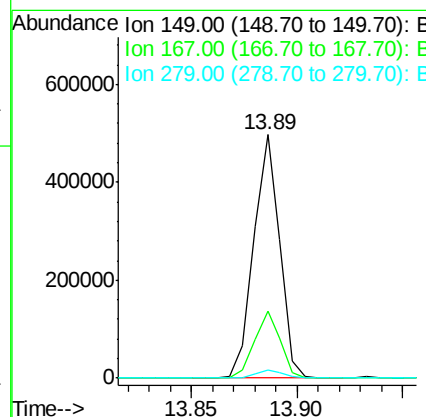
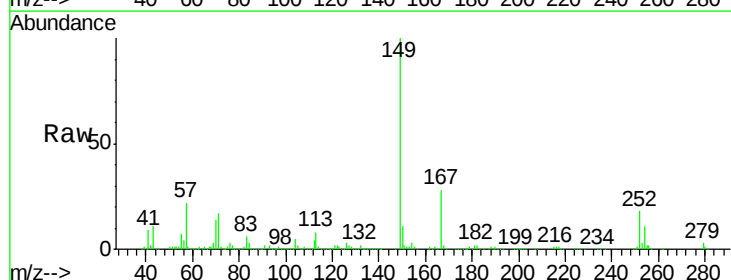
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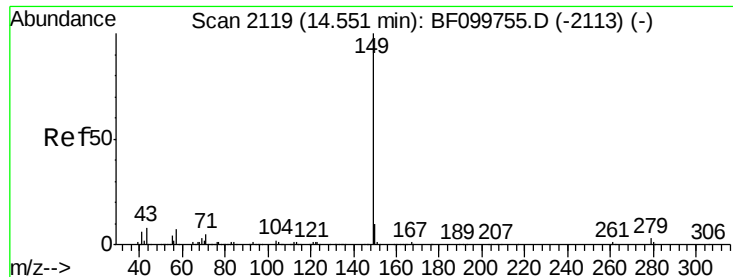
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11/7/2017 5:40:00 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 48.668 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	3.3	3.0	4.4





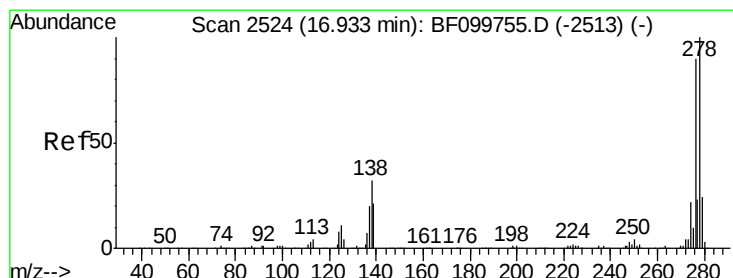
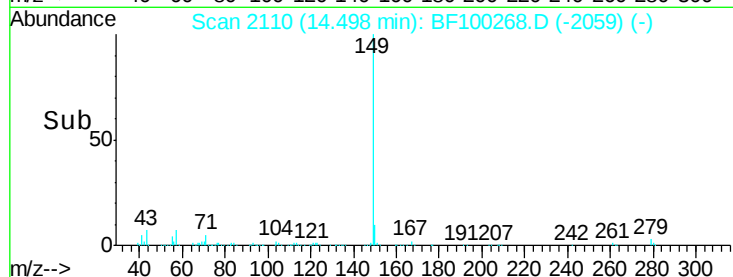
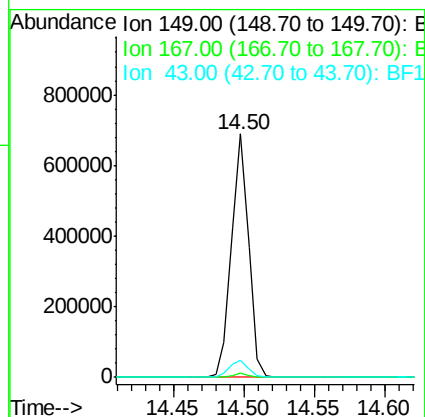
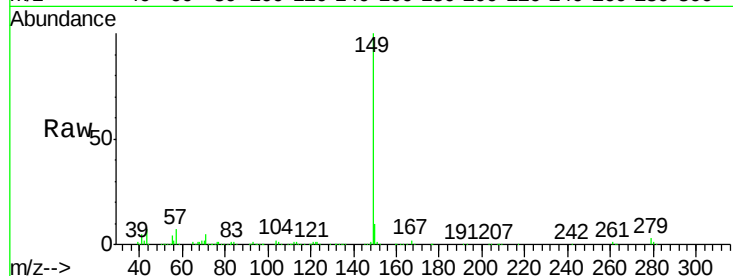
#84
Di-n-octyl phthalate
Concen: 38.969 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	7.5	8.4	12.6

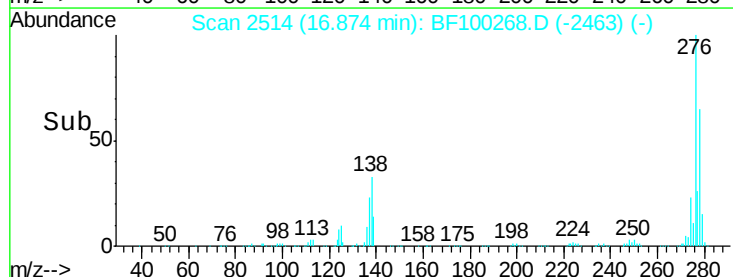
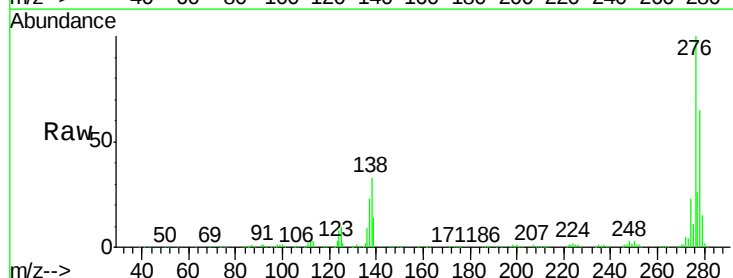
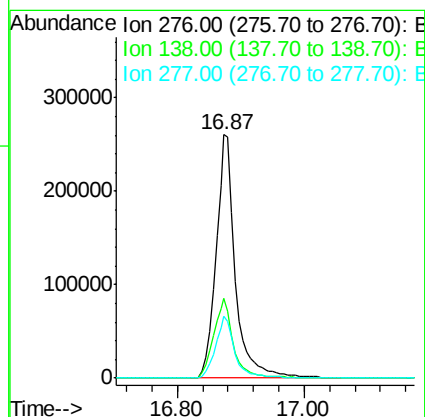
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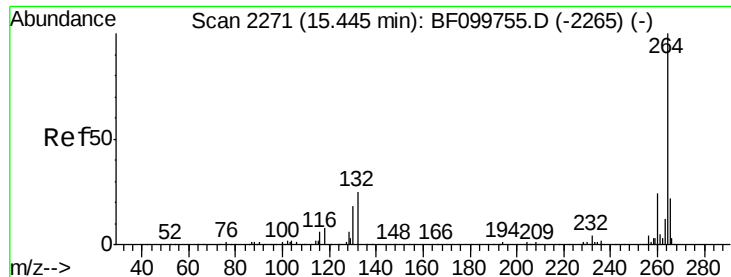
Sohil
11/7/2017 5:40:00 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 61.652 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	33.6	25.0	37.6
277	25.5	20.1	30.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. 0.01 min

Lab File: BF100268.D

Acq: 6 Nov 2017 23:08

Instrument :

BNA_F

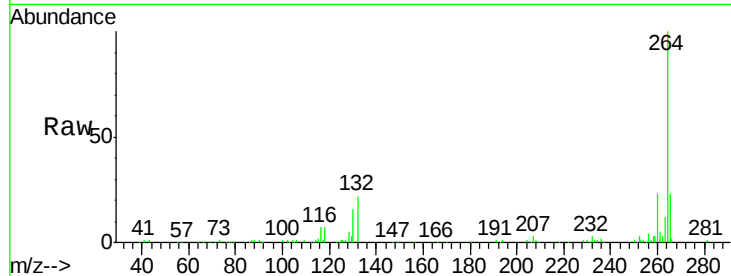
ClientSampled :

S22-0029MSD

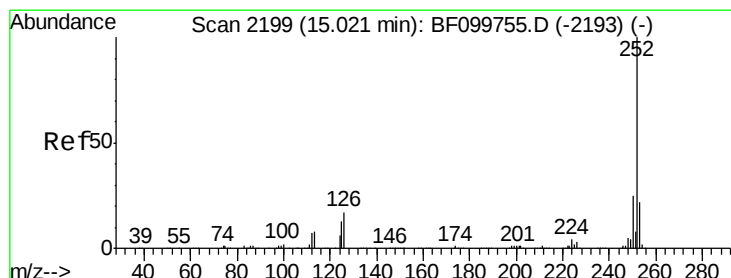
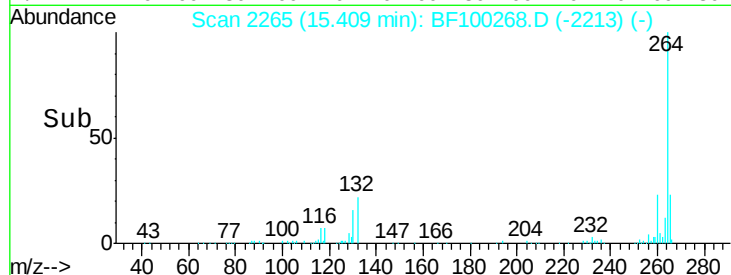
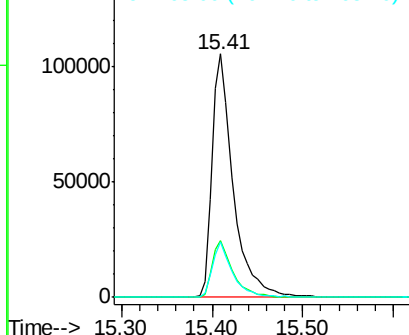
Tgt Ion:	264	Resp:	171078
Ion Ratio		Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.7	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 40.218 ng

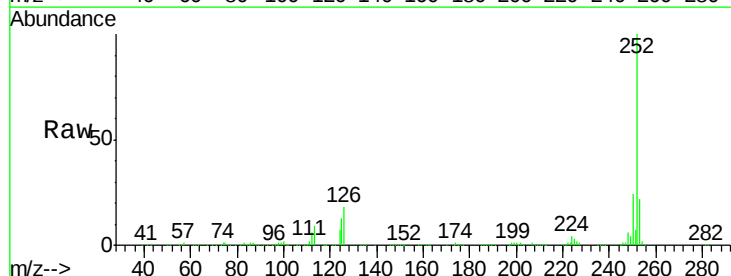
RT: 14.98 min Scan# 2192

Delta R.T. -0.00 min

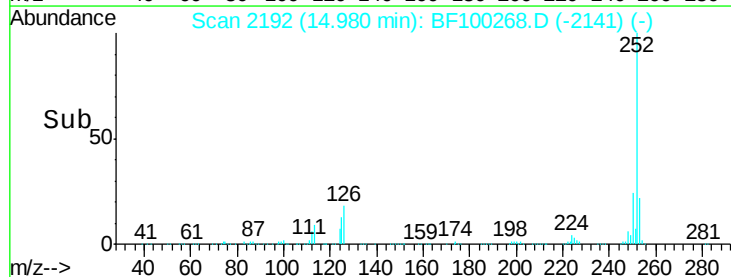
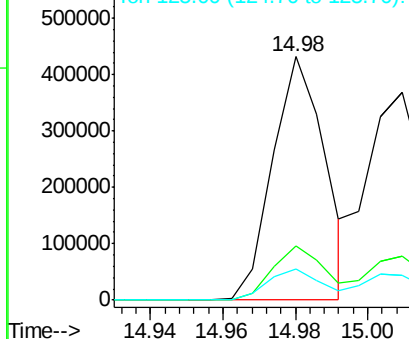
Lab File: BF100268.D

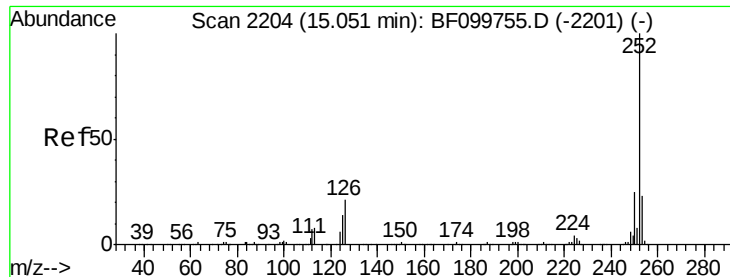
Acq: 6 Nov 2017 23:08

Tgt Ion:	252	Resp:	434469
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.0	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





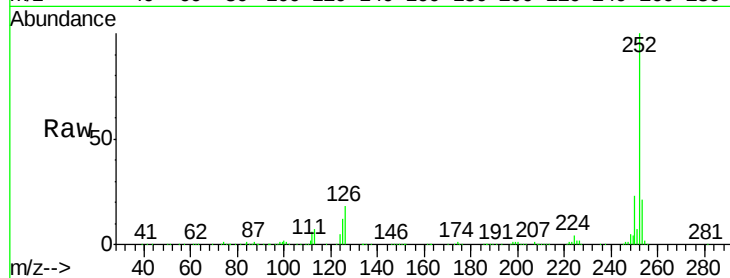
#88
Benzo(k)fluoranthene
Concen: 47.253 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

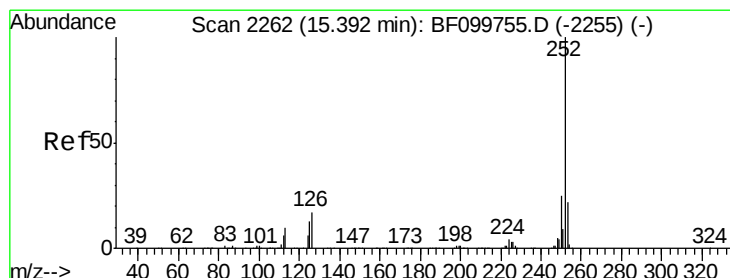
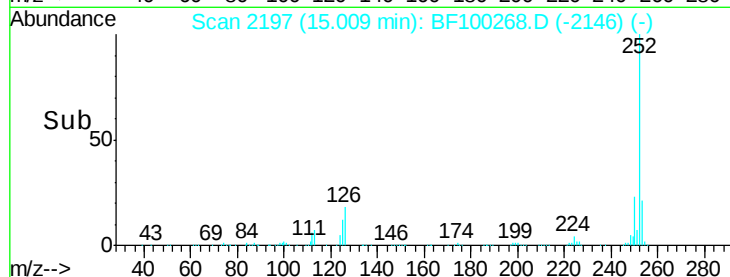
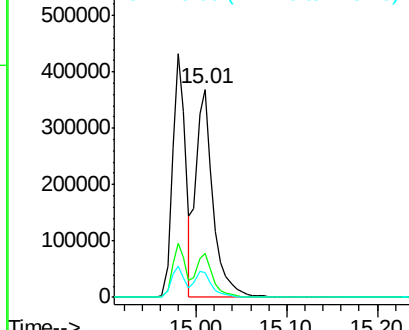
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	11.9	10.2	15.2

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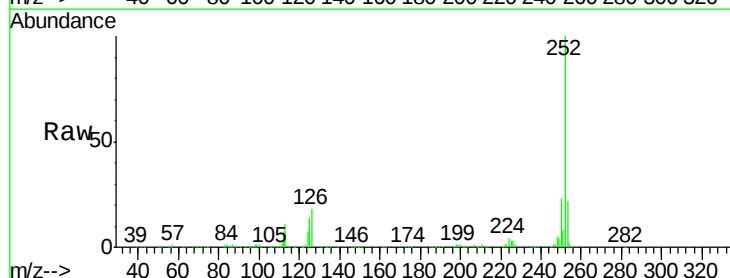


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

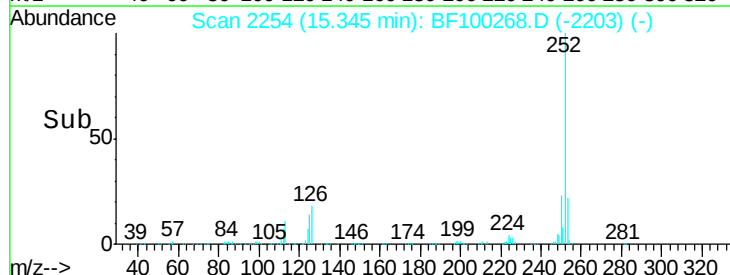
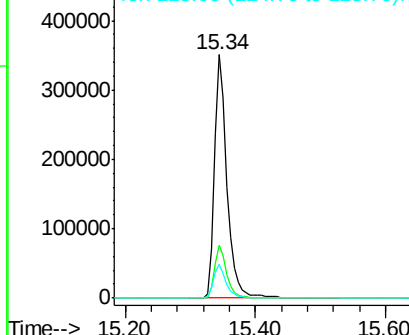


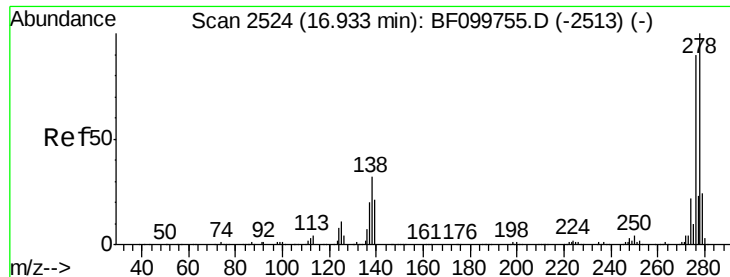
#89
Benzo(a)pyrene
Concen: 48.022 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.9	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





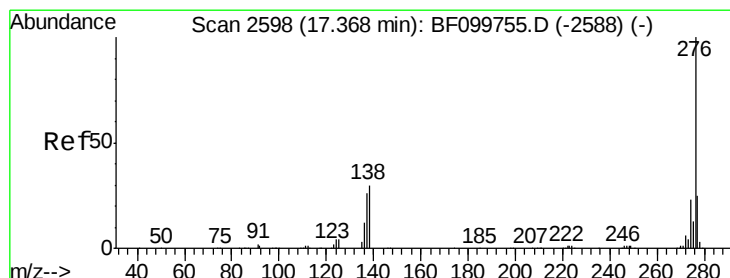
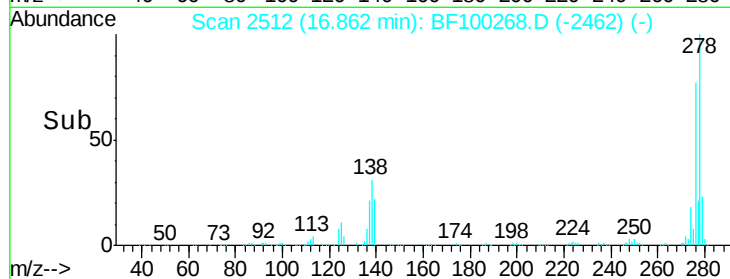
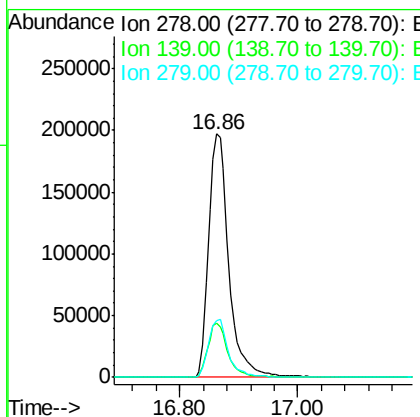
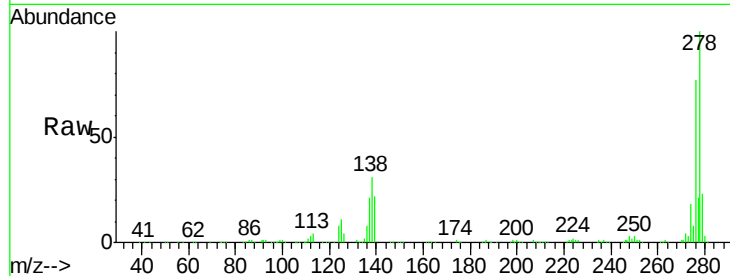
#90
Dibenzo(a,h)anthracene
Concen: 54.673 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Instrument :
BNA_F
ClientSampleId :
S22-0029MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	23.3	19.0	28.4

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11/7/2017 5:40:00 PM



#91
Benzo(g,h,i)perylene
Concen: 57.690 ng
RT: 17.32 min Scan# 2589
Delta R.T. -0.00 min
Lab File: BF100268.D
Acq: 6 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	28.0	21.8	32.8

