

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101317\
 Data File : BF099449.D
 Acq On : 13 Oct 2017 19:44
 Operator : SJ/JU
 Sample : PB103199BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:39:59 PM

Quant Time: Oct 13 23:19:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	100965	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	405660	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	163806	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	240702	20.00	ng	0.00
75) Chrysene-d12	14.02	240	167191	20.00	ng	0.00
86) Perylene-d12	15.49	264	189079	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	806738	127.20	ng	0.02
7) Phenol-d6	6.50	99	959486	122.63	ng	0.01
23) Nitrobenzene-d5	7.42	82	574037	90.75	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	162925	121.55	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1014436	103.39	ng	0.00
78) Terphenyl-d14	12.96	244	642385	87.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	105967	34.98	ng	94
3) Pyridine	3.48	79	299653	36.56	ng	94
4) n-Nitrosodimethylamine	3.42	42	123177	35.44	ng	82
6) Aniline	6.52	93	250933	23.76	ng	99
8) 2-Chlorophenol	6.65	128	298267	41.53	ng	92
9) Benzaldehyde	6.41	77	102355	22.55	ng	93
10) Phenol	6.51	94	360935	41.25	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	275294	40.47	ng	98
12) 1,3-Dichlorobenzene	6.79	146	317284	42.18	ng	97
13) 1,4-Dichlorobenzene	6.87	146	320316	41.85	ng	99
14) 1,2-Dichlorobenzene	7.03	146	296636	41.95	ng	96
15) Benzyl Alcohol	7.00	79	223573	38.95	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	387631	36.57	ng	93
17) 2-Methylphenol	7.11	107	244169	41.55	ng	98
18) Hexachloroethane	7.36	117	109065	39.65	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	179610	35.96	ng	93
20) 3+4-Methylphenols	7.26	107	288953	38.87	ng	# 73
22) Acetophenone	7.27	105	376468	38.30	ng	# 97
24) Nitrobenzene	7.44	77	288467	40.20	ng	98
25) Isophorone	7.67	82	530190	40.54	ng	99
26) 2-Nitrophenol	7.76	139	163729	47.45	ng	# 86
27) 2,4-Dimethylphenol	7.79	122	258433	39.66	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	344646	42.29	ng	100
29) 2,4-Dichlorophenol	8.00	162	240687	43.02	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	242335	43.31	ng	99
31) Naphthalene	8.16	128	812556	42.65	ng	99
32) Benzoic acid	7.92	122	137769	25.74	ng	97
33) 4-Chloroaniline	8.21	127	78586	9.88	ng	95
34) Hexachlorobutadiene	8.27	225	118614	41.15	ng	99
35) Caprolactam	8.59	113	76053m	42.38	ng	
36) 4-Chloro-3-methylphenol	8.70	107	245902	39.10	ng	95
37) 2-Methylnaphthalene	8.85	142	551501	44.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	216167	44.25	ng	98
40) Hexachlorocyclopentadiene	9.00	237	85462	38.28	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	148085	42.79	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	154525	44.73	ng	95
45) 1,1'-Biphenyl	9.32	154	625554	44.43	ng	98
46) 2-Chloronaphthalene	9.34	162	486700	46.04	ng	98
47) 2-Nitroaniline	9.44	65	140406	43.38	ng	98
48) Acenaphthylene	9.76	152	722358	44.64	ng	99
49) Dimethylphthalate	9.61	163	564238	45.64	ng	99
50) 2,6-Dinitrotoluene	9.68	165	125590	46.66	ng	89
51) Acenaphthene	9.93	154	420569	41.03	ng	99
52) 3-Nitroaniline	9.85	138	69809	22.24	ng	# 87
53) 2,4-Dinitrophenol	9.96	184	63391	47.77	ng	97
54) Dibenzofuran	10.10	168	627567	45.98	ng	100
55) 4-Nitrophenol	10.02	139	152030	57.29	ng	84
56) 2,4-Dinitrotoluene	10.09	165	153457	43.93	ng	92
57) Fluorene	10.44	166	478797	43.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	103887	43.53	ng	96
59) Diethylphthalate	10.31	149	518581	42.93	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	218955	44.44	ng	98
61) 4-Nitroaniline	10.47	138	115068	38.00	ng	86
62) Azobenzene	10.59	77	470113	42.32	ng	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	49573	33.85	ng	82
65) n-Nitrosodiphenylamine	10.55	169	424910	50.96	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	120444	51.12	ng	# 89
67) Hexachlorobenzene	10.99	284	114169	45.37	ng	99
68) Atrazine	11.07	200	124957	49.81	ng	99
69) Pentachlorophenol	11.19	266	91625	58.51	ng	99
70) Phenanthrene	11.40	178	608616	47.24	ng	98
71) Anthracene	11.46	178	624867	47.40	ng	99
72) Carbazole	11.61	167	556711	43.12	ng	99
73) Di-n-butylphthalate	11.93	149	694371	44.69	ng	98
74) Fluoranthene	12.59	202	541017	41.47	ng	99
76) Benzidine	12.72	184	261928	42.36	ng	97
77) Pyrene	12.82	202	545181	42.76	ng	100
79) Butylbenzylphthalate	13.43	149	247958	41.38	ng	98
80) Benzo(a)anthracene	14.01	228	469913	46.42	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	140493	37.86	ng	99
82) Chrysene	14.05	228	451932	46.89	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	333416	40.41	ng	# 100
84) Di-n-octyl phthalate	14.59	149	606923	45.69	ng	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	523423	67.89	ng	96
87) Benzo(b)fluoranthene	15.06	252	492255	42.34	ng	98
88) Benzo(k)fluoranthene	15.09	252	510928	44.50	ng	98
89) Benzo(a)pyrene	15.43	252	502352	47.08	ng	# 96
90) Dibenzo(a,h)anthracene	17.00	278	437831	51.27	ng	97
91) Benzo(g,h,i)perylene	17.44	276	435344	51.57	ng	95

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

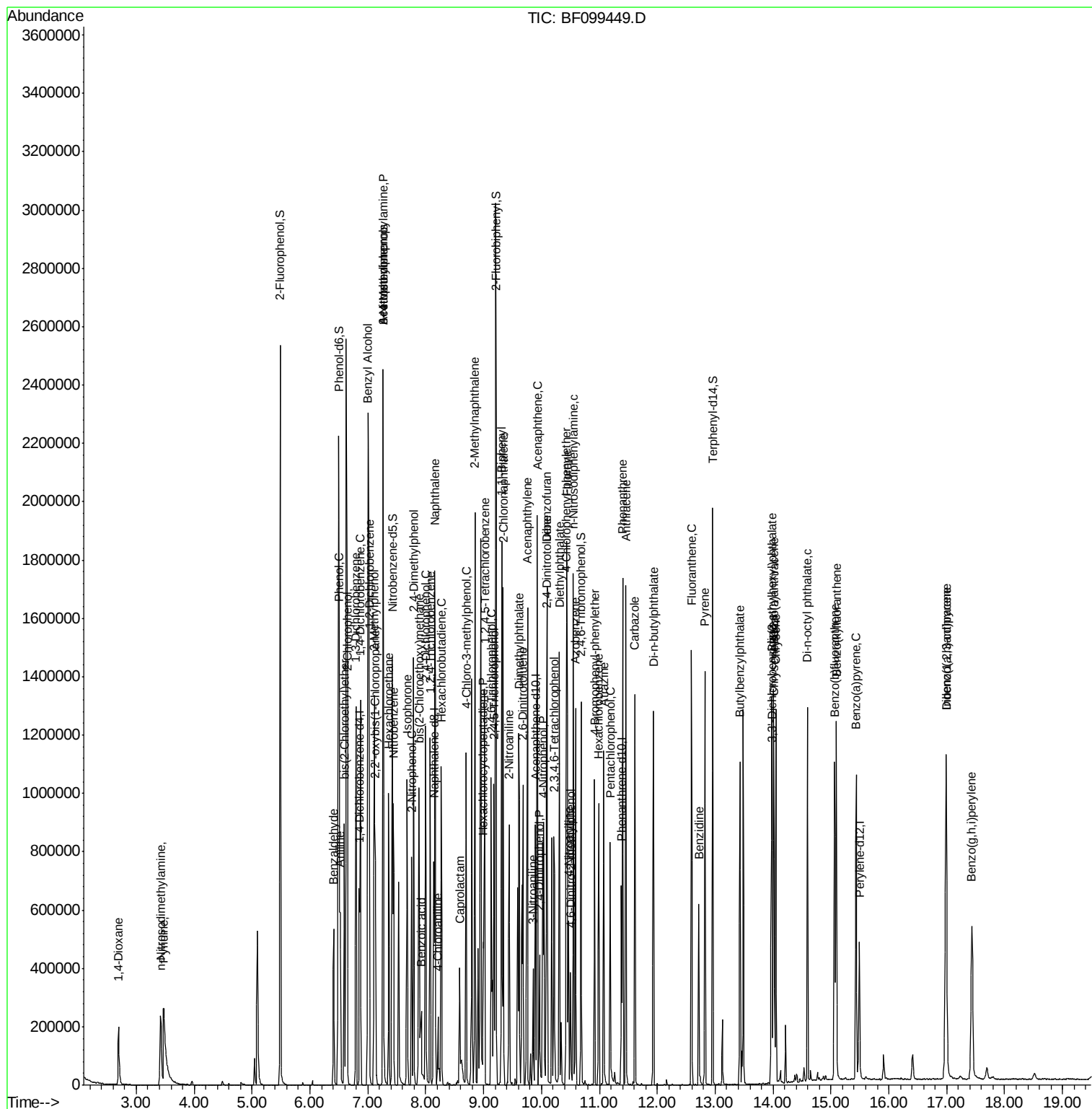
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ALS Vial  : 12      Sample Multiplier: 1
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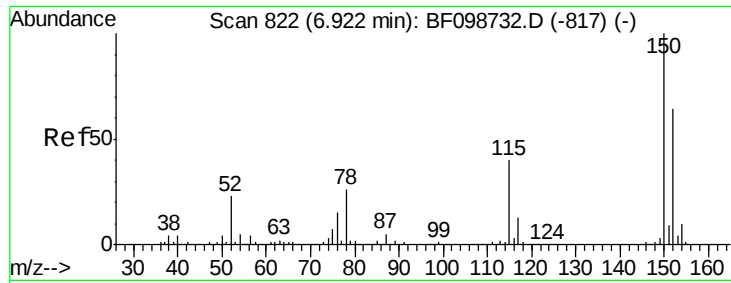
Instrument :
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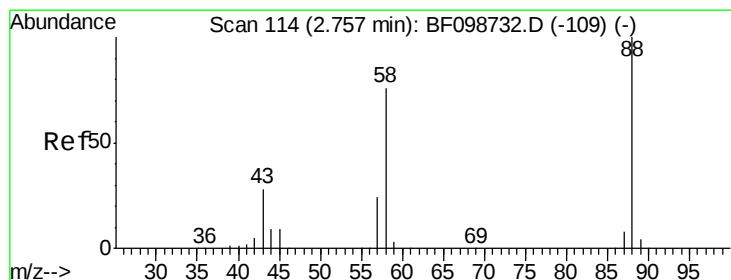
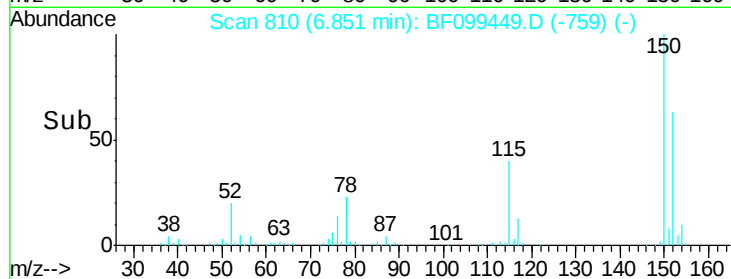
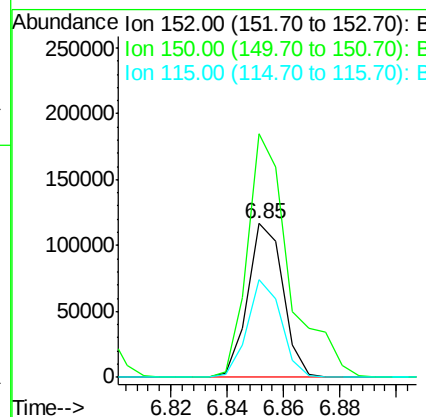
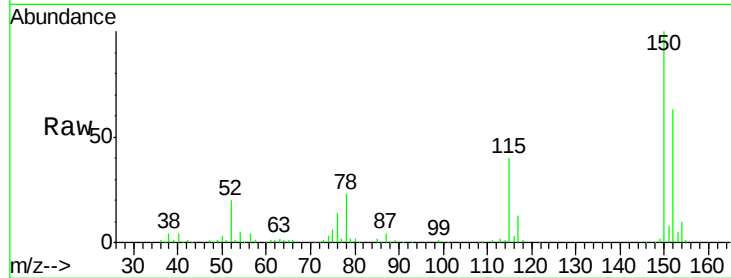
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	63.3	50.1	75.1

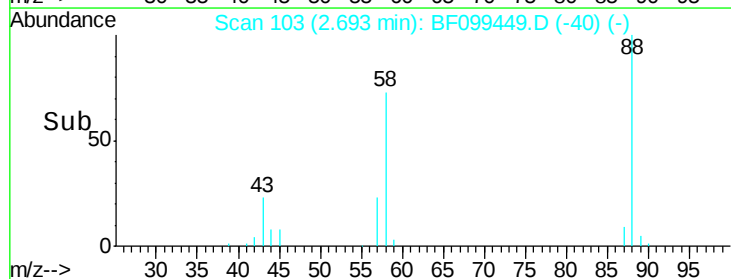
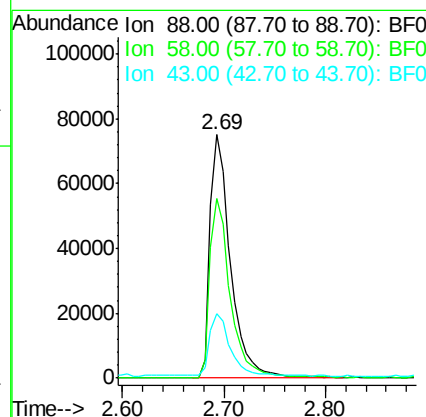
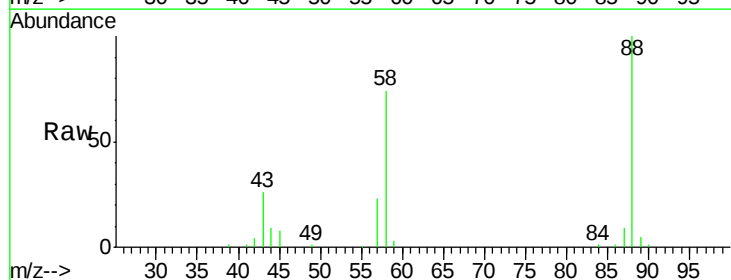
Manual Integrations
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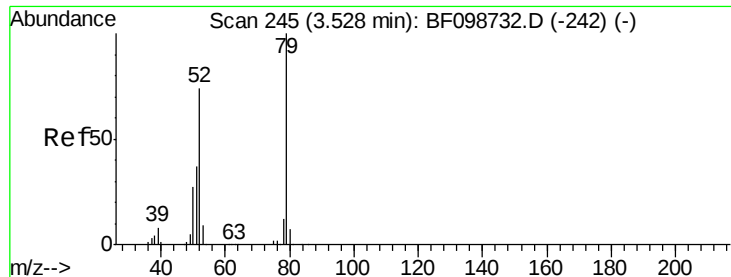
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#2
 1,4-Dioxane
 Concen: 34.98 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	62.6	93.8
43	25.8	24.6	37.0





#3

Pyridine

Concen: 36.56 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.08 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

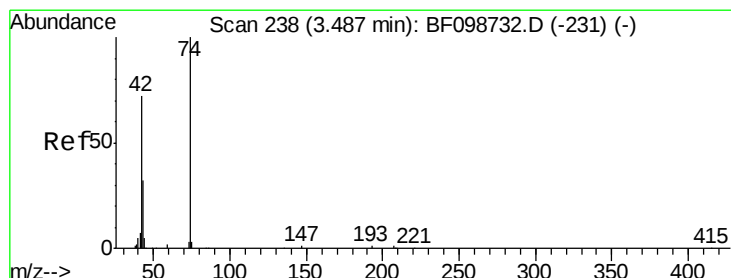
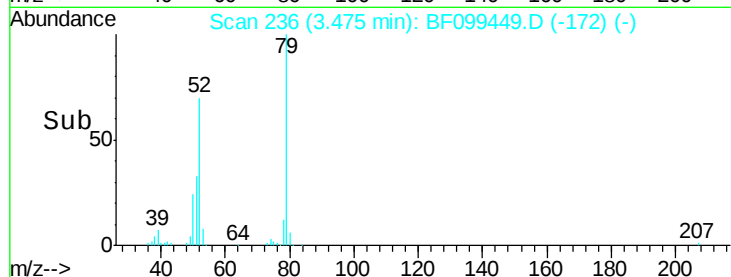
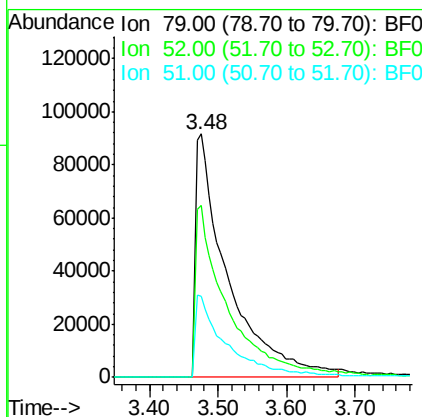
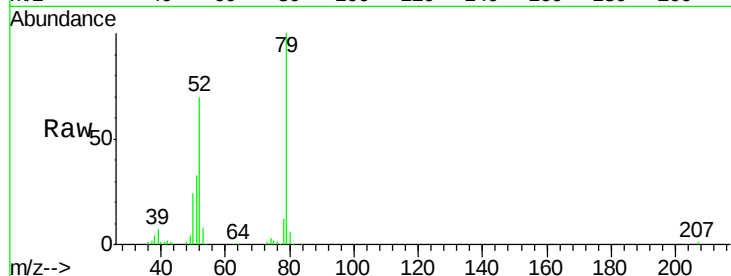
ClientSampleId :

PB103199BSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	70.5	59.8	89.6
51	33.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 35.44 ng

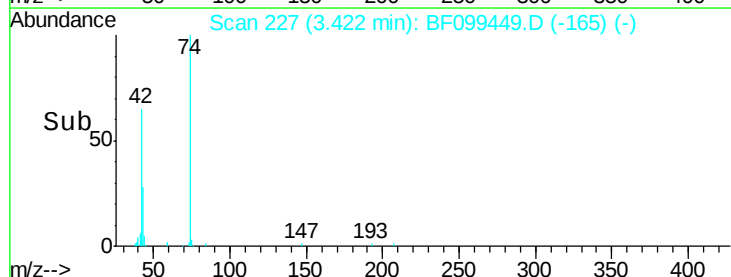
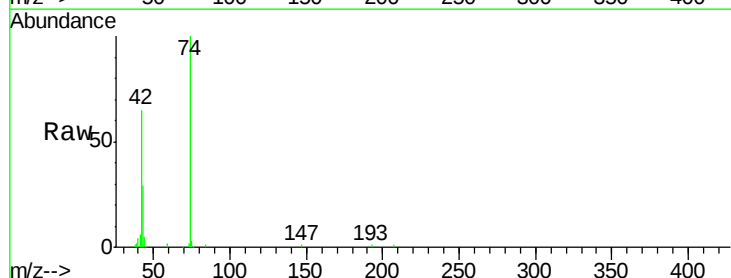
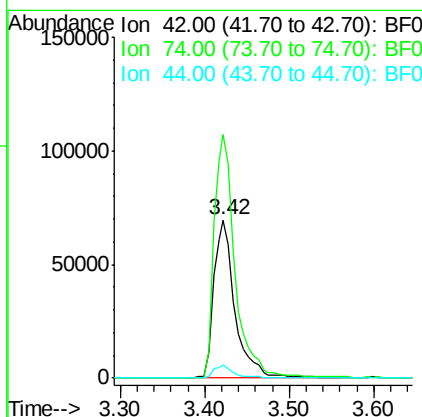
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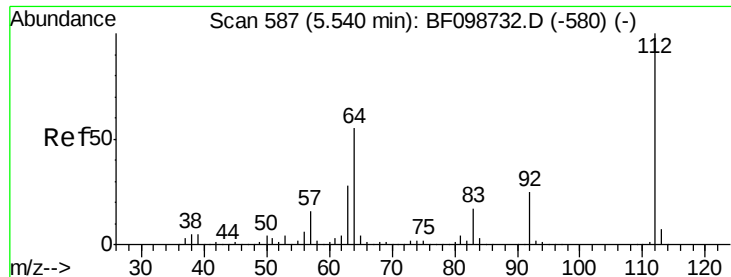
Delta R.T. 0.06 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.8	104.9	157.3
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 127.20 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

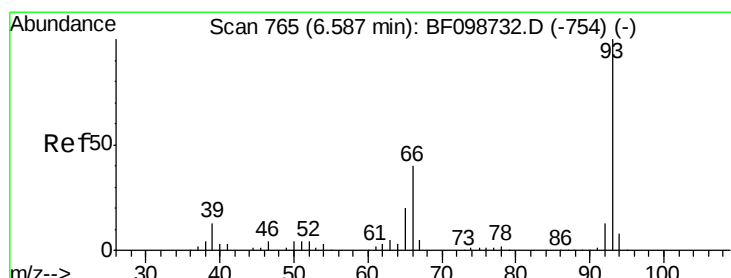
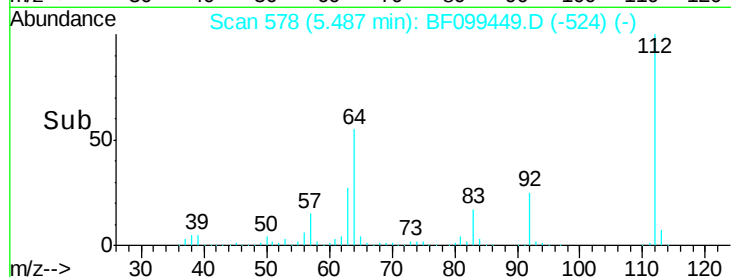
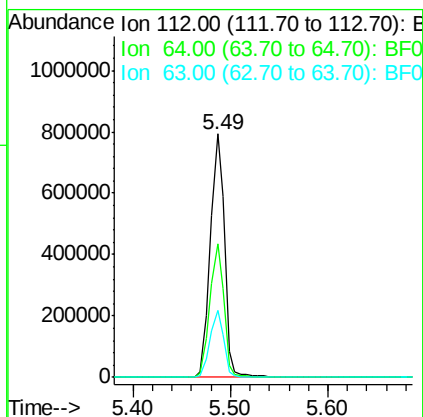
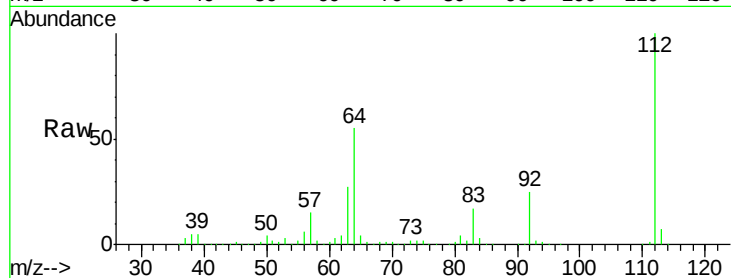
ClientSampleId :

PB103199BSD

Tgt Ion:	112	Resp:	806738
Ion Ratio	Lower	Upper	
112	100		
64	54.7	47.9	71.9
63	27.3	23.7	35.5

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#6

Aniline

Concen: 23.76 ng

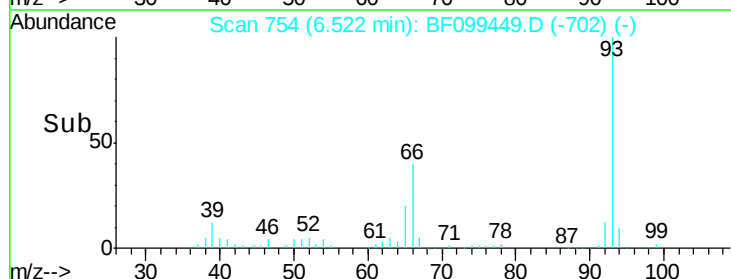
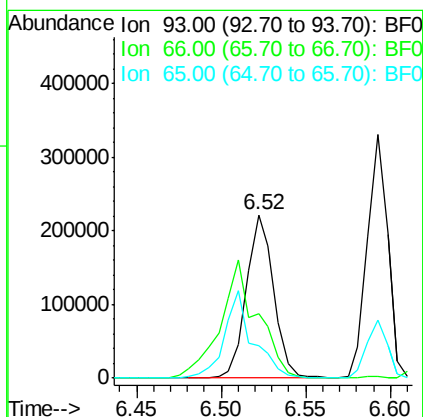
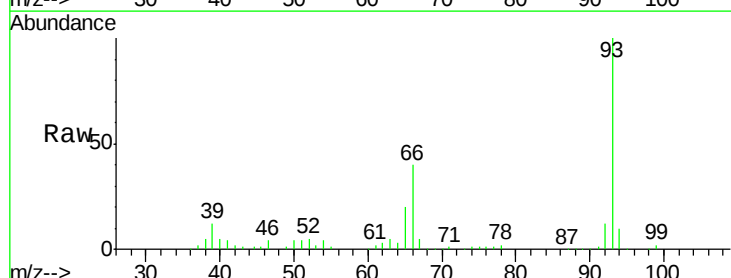
RT: 6.52 min Scan# 754

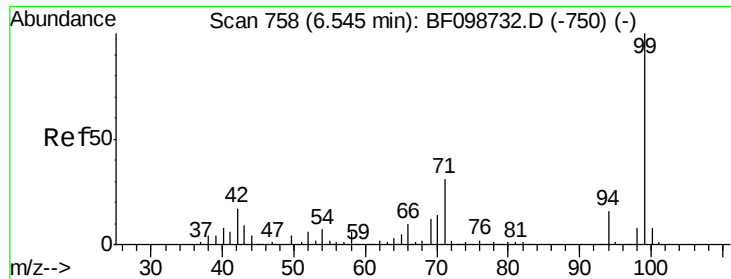
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	93	Resp:	250933
Ion Ratio	Lower	Upper	
93	100		
66	39.8	32.2	48.2
65	20.0	16.4	24.6





#7

Phenol-d6

Concen: 122.63 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

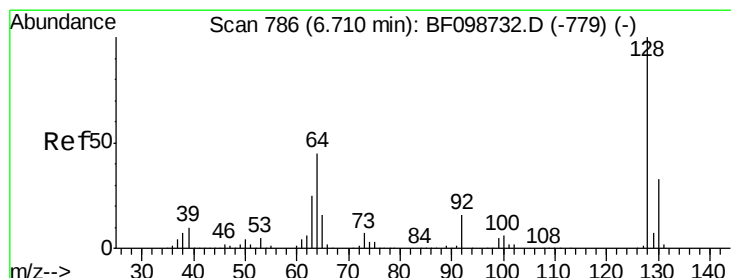
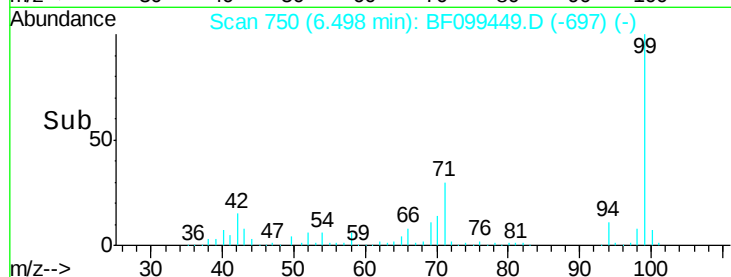
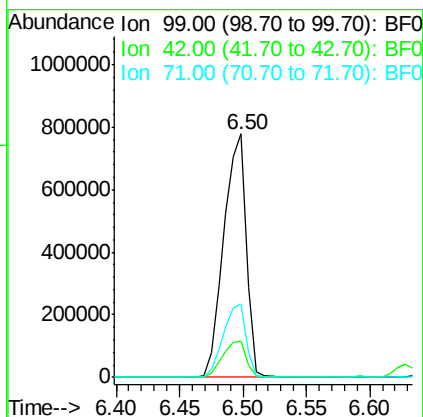
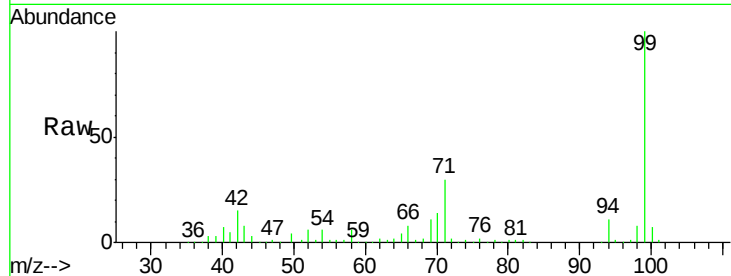
ClientSampleId :

PB103199BSD

Tgt Ion:	99	Resp:	959486
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.3	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.53 ng

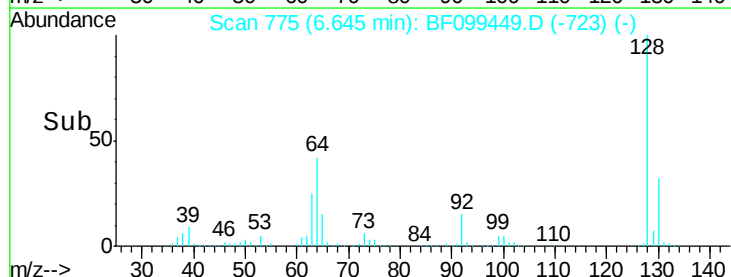
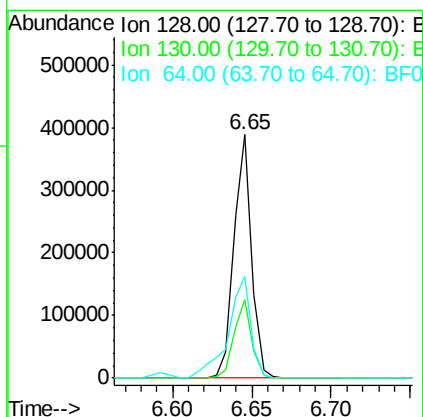
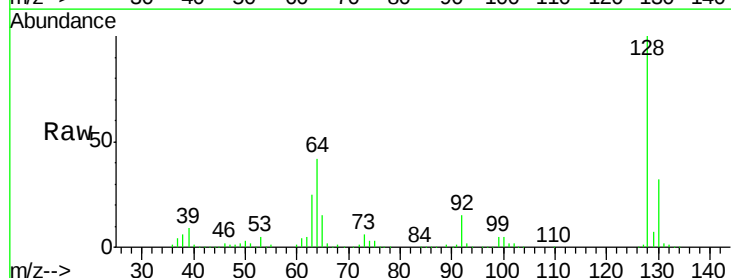
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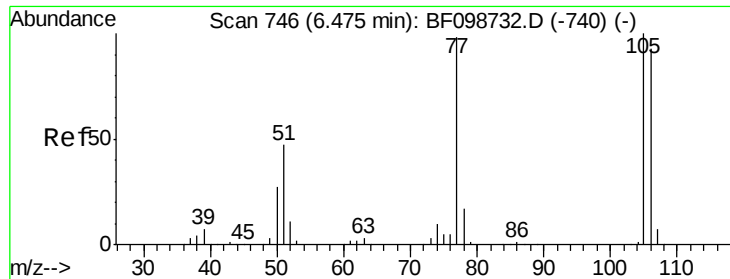
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	128	Resp:	298267
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	41.5	29.4	69.4





#9

Benzaldehyde

Concen: 22.55 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

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BNA_F

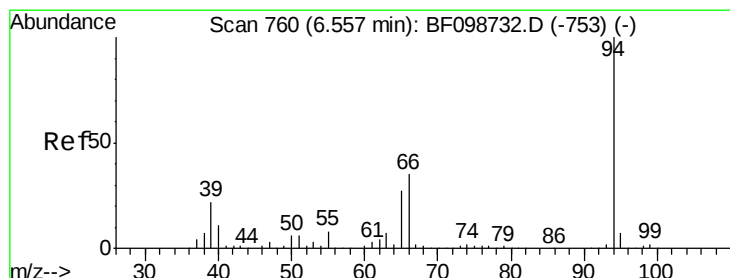
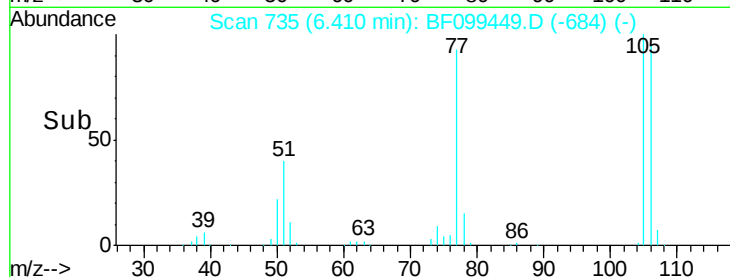
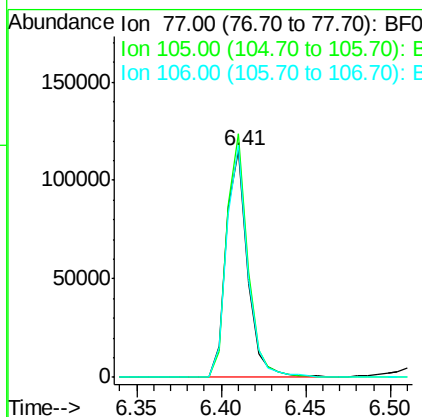
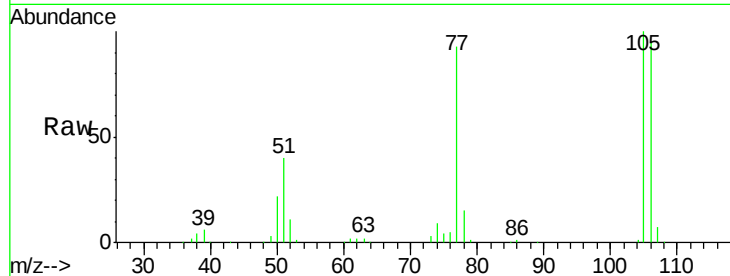
ClientSampleId :

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Tgt Ion:	77	Resp:	102355
Ion Ratio	Lower	Upper	
77	100		
105	107.3	81.1	121.1
106	102.3	74.5	114.5

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#10

Phenol

Concen: 41.25 ng

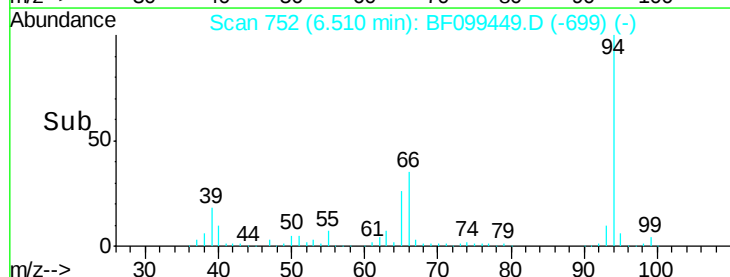
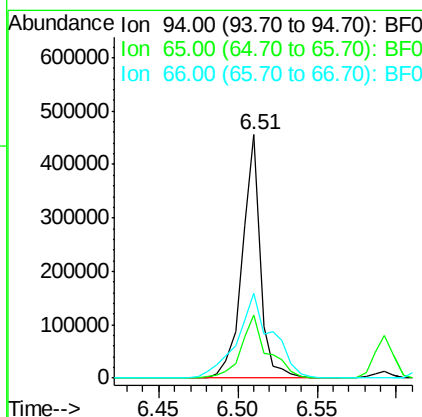
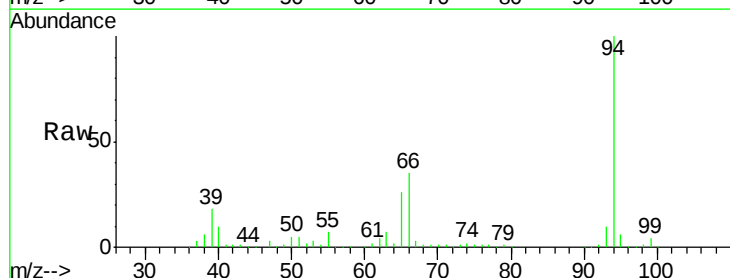
RT: 6.51 min Scan# 752

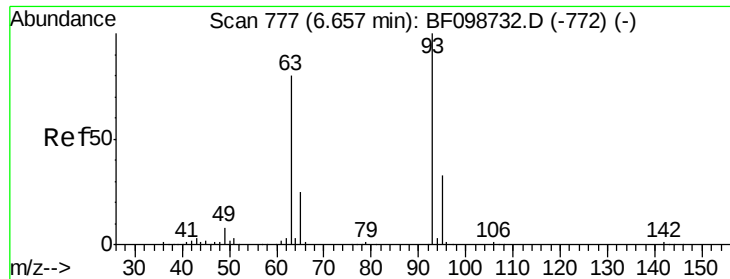
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	94	Resp:	360935
Ion Ratio	Lower	Upper	
94	100		
65	26.0	7.9	47.9
66	35.0	16.2	56.2





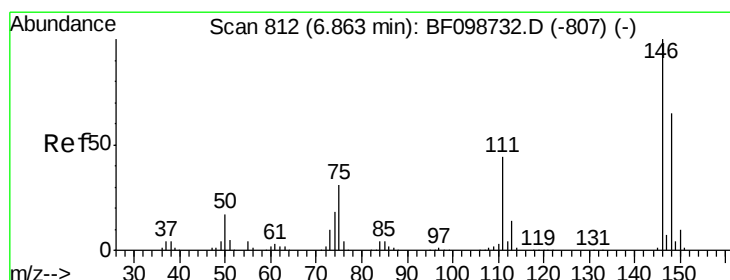
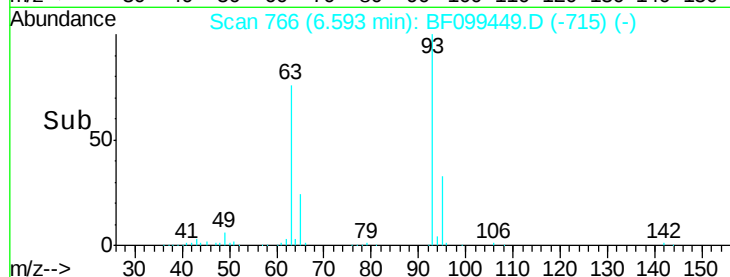
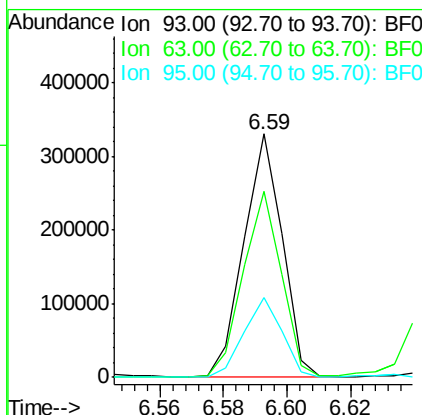
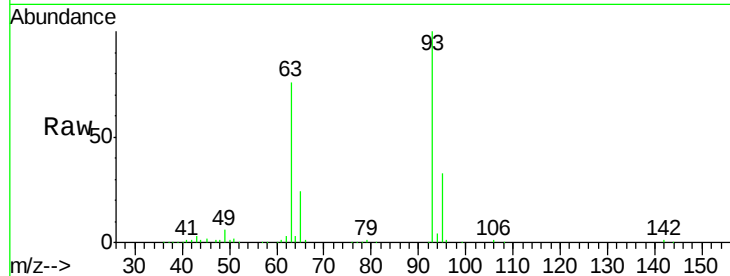
#11
bis(2-Chloroethyl)ether
Concen: 40.47 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion:	93	Resp:	275294
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.6	11.8	51.8

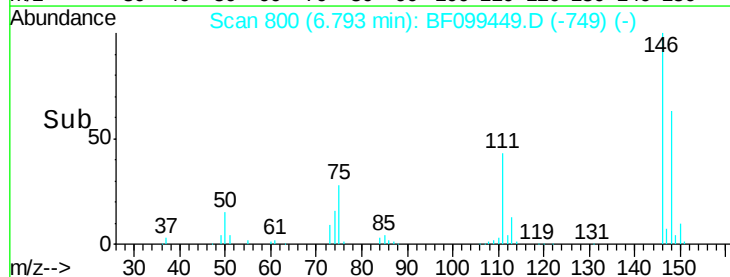
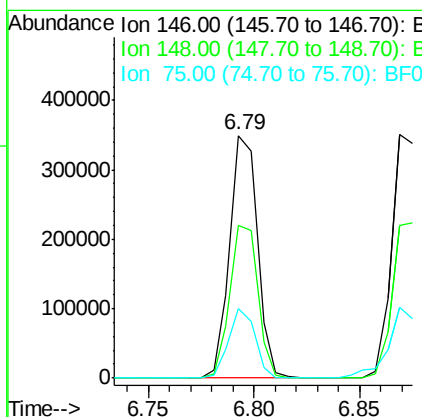
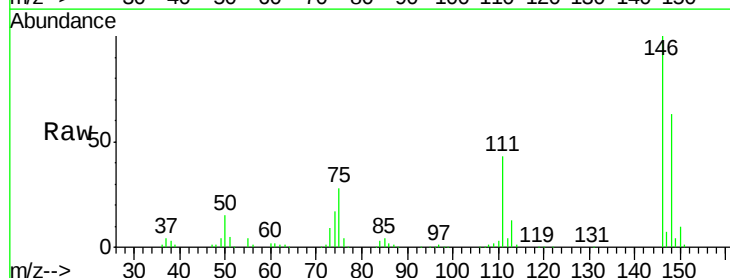
Manual Integrations
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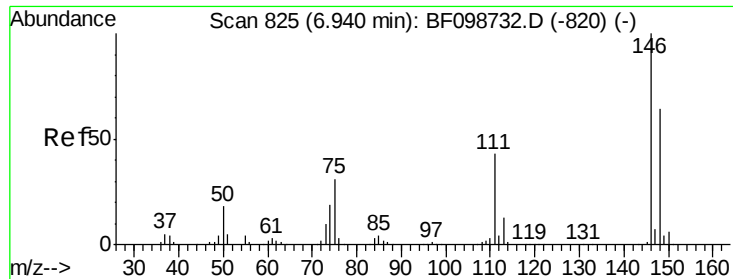
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#12
1,3-Dichlorobenzene
Concen: 42.18 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion:	146	Resp:	317284
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.8
75	28.5	24.2	36.4





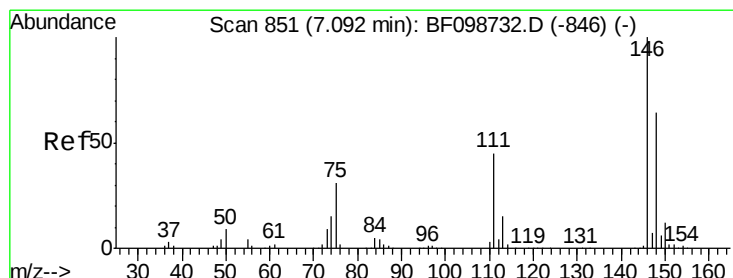
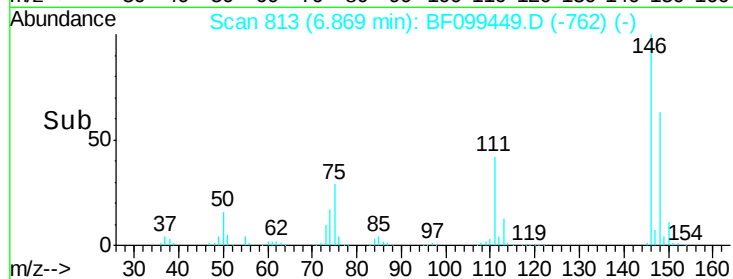
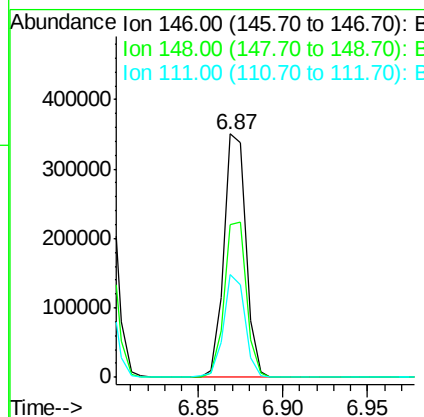
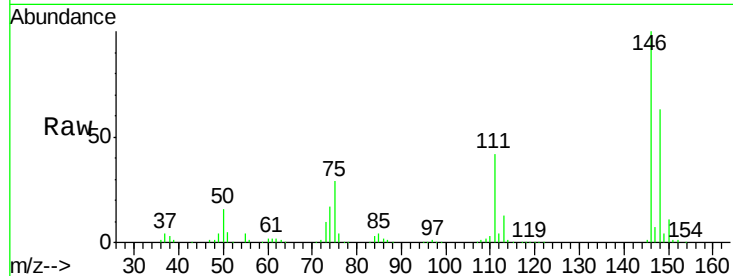
#13
 1,4-Dichlorobenzene
 Concen: 41.85 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	42.0	34.2	51.2

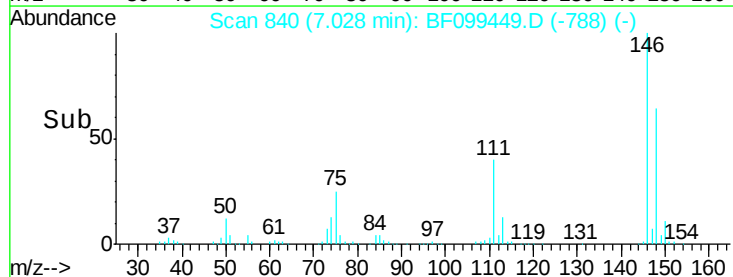
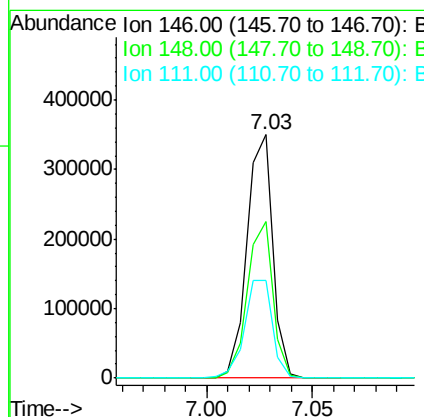
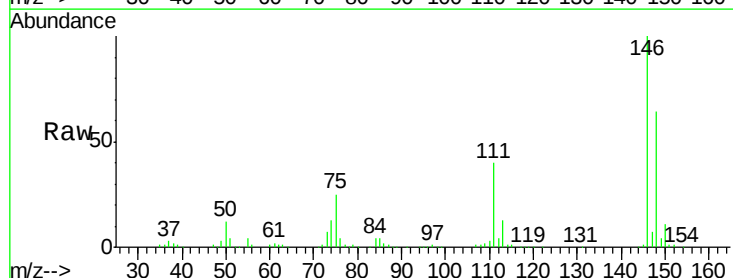
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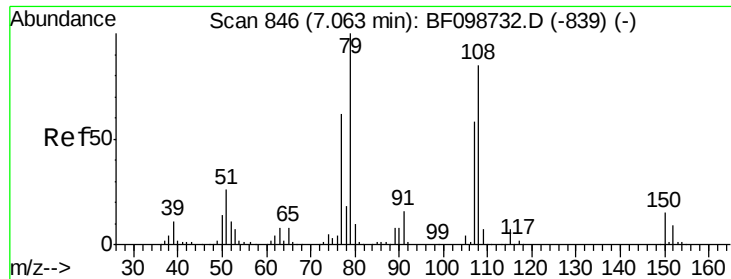
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 41.95 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	39.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 38.95 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

PB103199BSD

Tgt Ion: 79 Resp: 223573

Ion Ratio Lower Upper

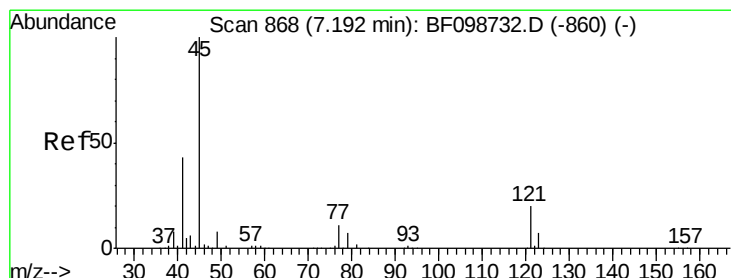
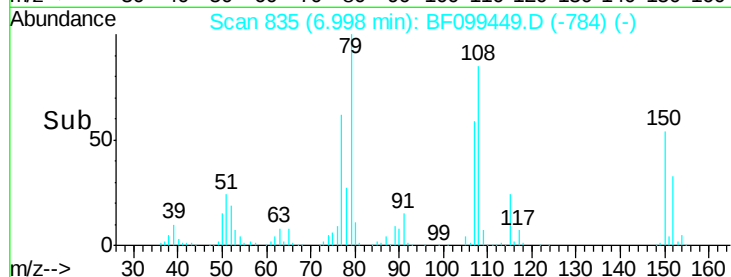
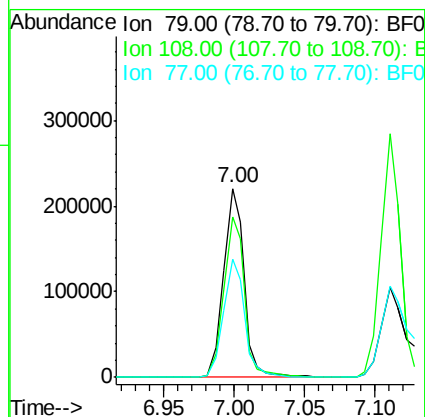
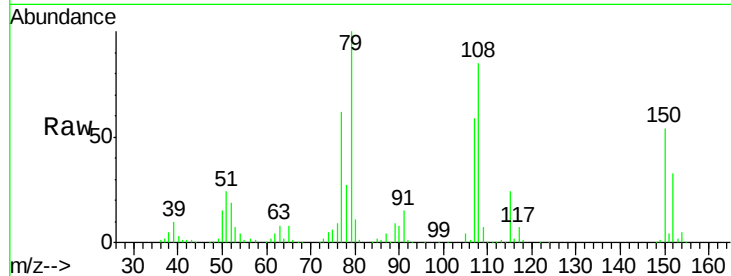
79 100

108 85.0 65.1 97.7

77 62.2 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.57 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

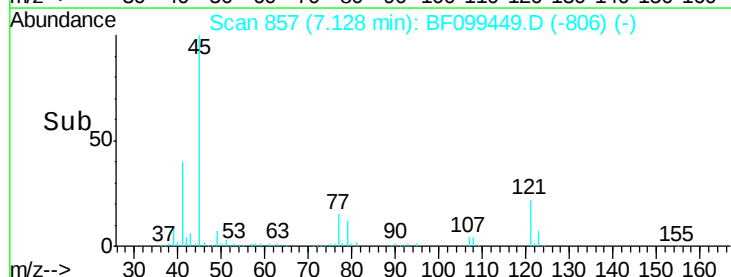
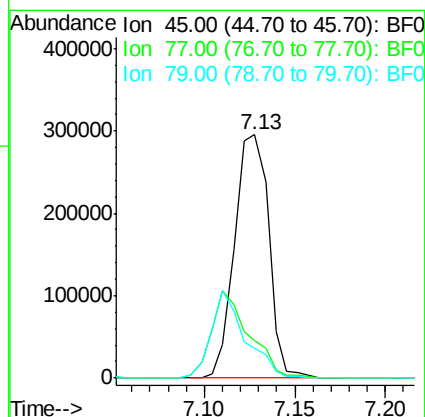
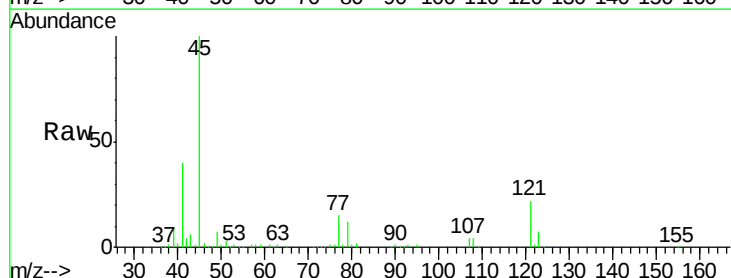
Tgt Ion: 45 Resp: 387631

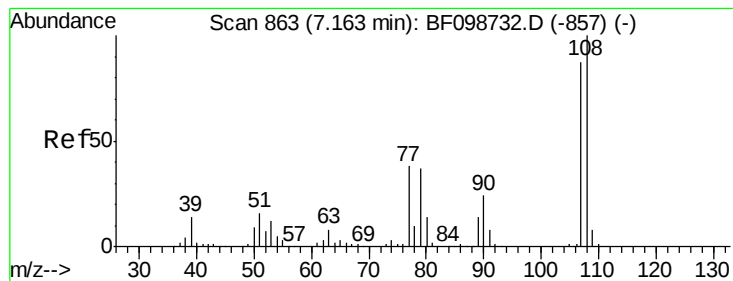
Ion Ratio Lower Upper

45 100

77 15.3 0.0 32.9

79 12.5 0.0 29.6





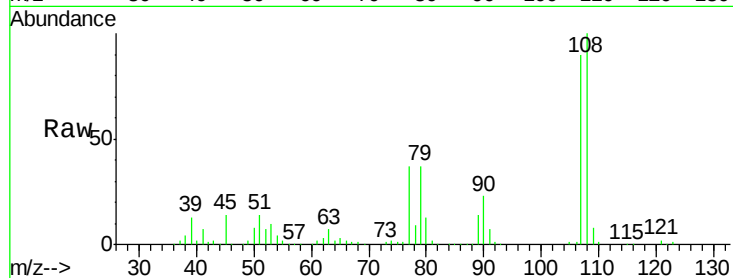
#17
2-Methylphenol
Concen: 41.55 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	244169		
108	111.5	91.7	137.5	
77	41.8	33.8	50.8	
79	41.3	33.8	50.8	

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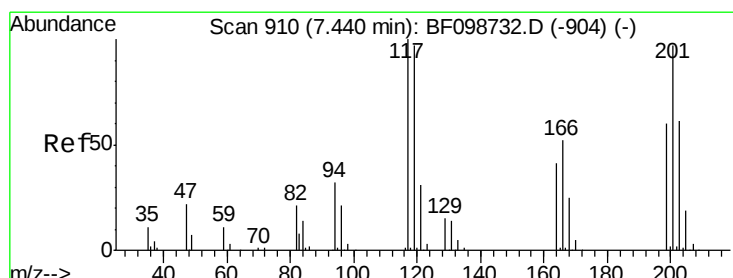
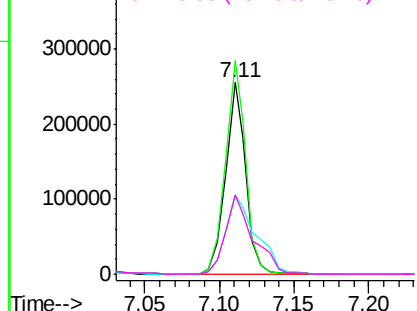
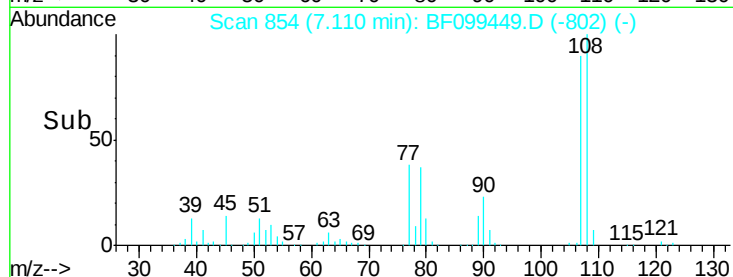
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

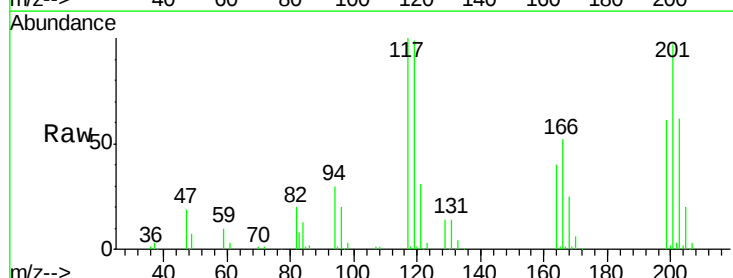
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 39.65 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	109065		
119	98.9	75.8	113.8	
201	96.5	75.7	113.5	

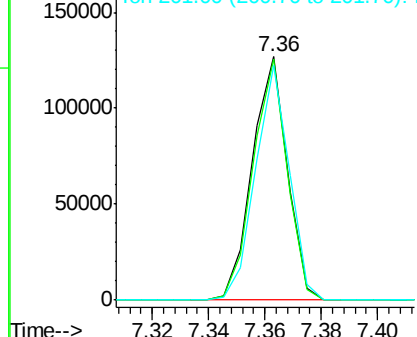
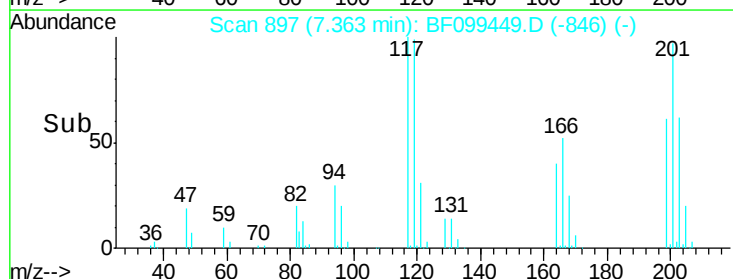


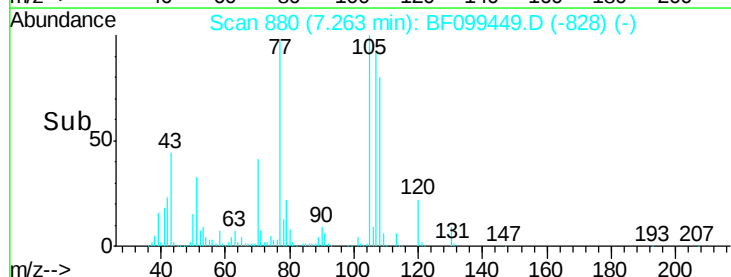
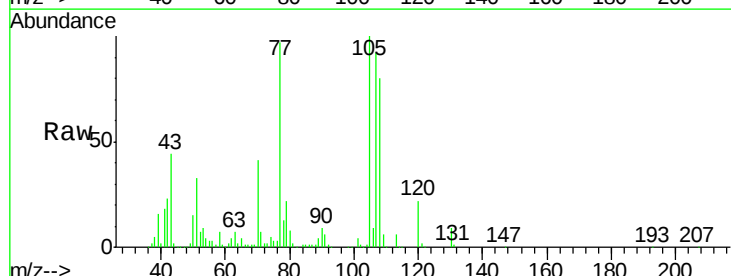
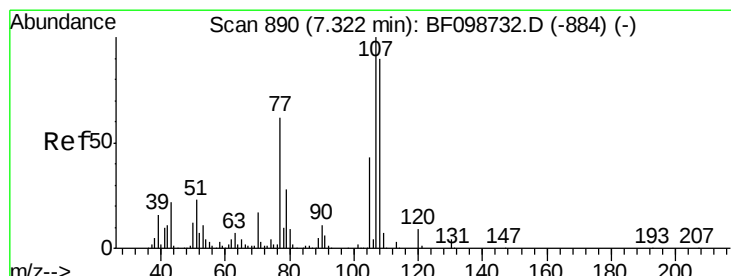
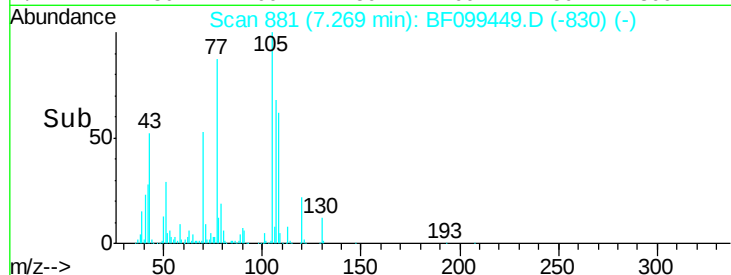
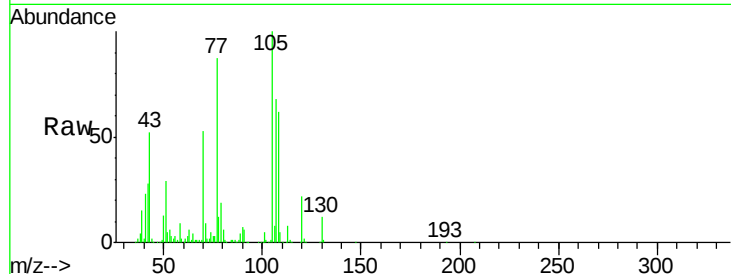
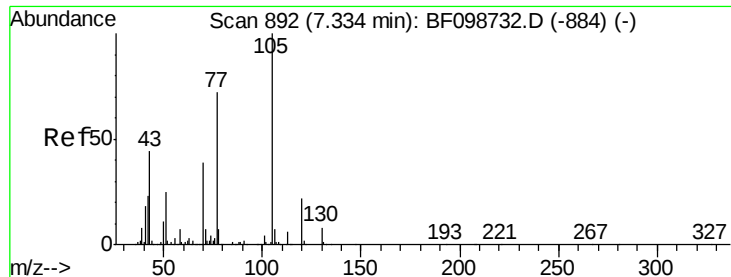
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





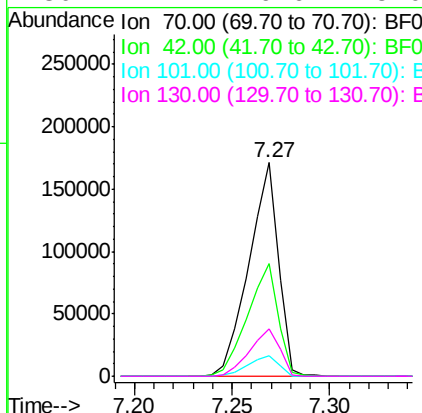
#19
n-Nitroso-di-n-propylamine
Concen: 35.96 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.7	47.5	71.3
101	9.7	7.4	11.2
130	22.4	16.6	25.0

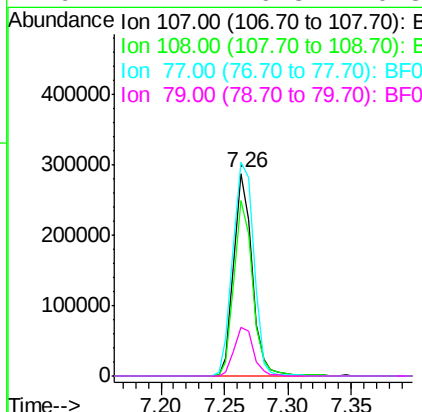
Manual Integrations
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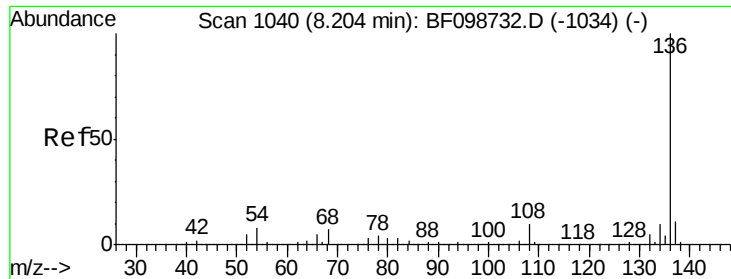
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#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	105.6	26.7	66.7#
79	24.2	6.3	46.3





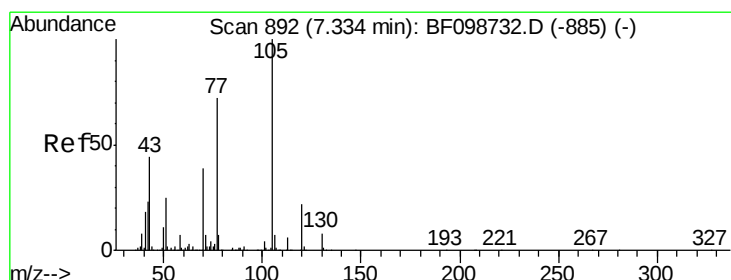
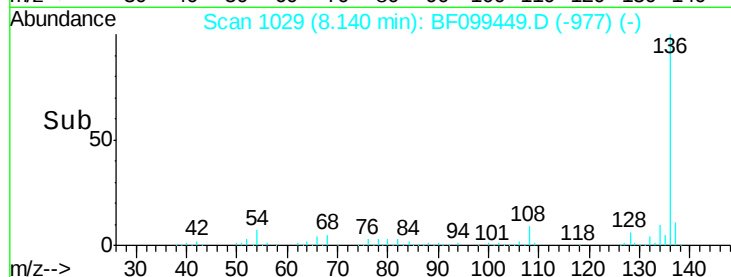
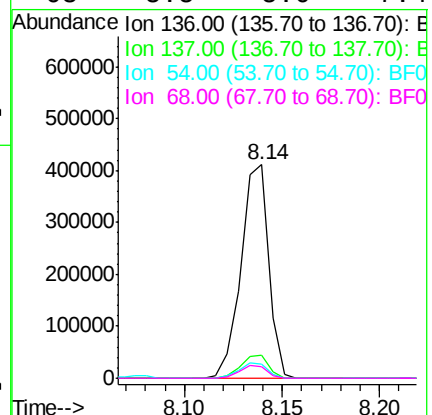
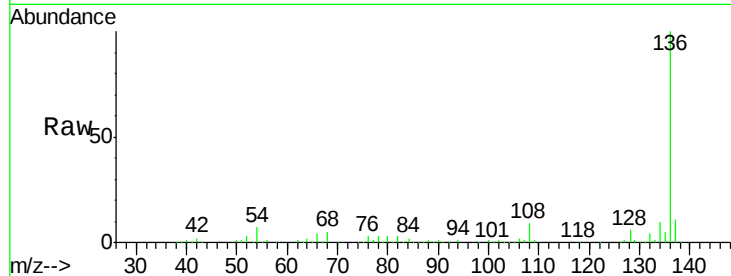
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	405660		
137	10.7	8.9	13.3	
54	6.5	6.6	9.8	
68	5.5	5.0	7.4	

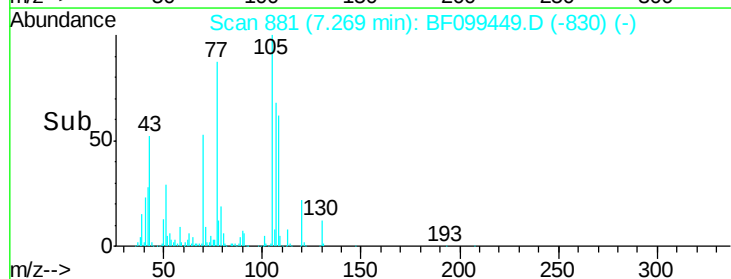
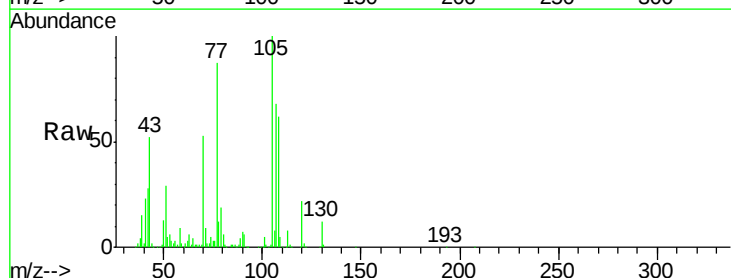
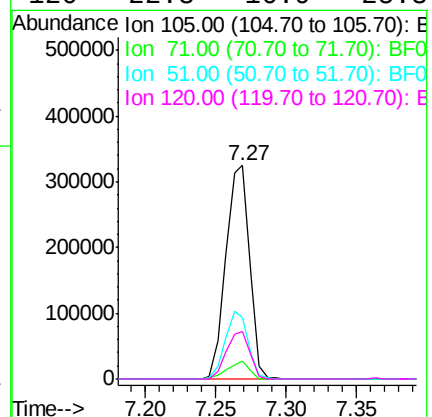
Manual Integrations
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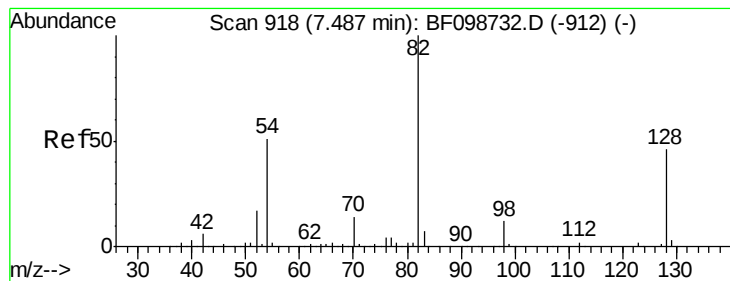
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#22
Acetophenone
Concen: 38.30 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	376468		
71	8.7	4.4	6.6	
51	28.7	22.3	33.5	
120	22.3	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 90.75 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

ClientSampleId :

PB103199BSD

Tgt Ion: 82 Resp: 574037
Ion Ratio Lower Upper

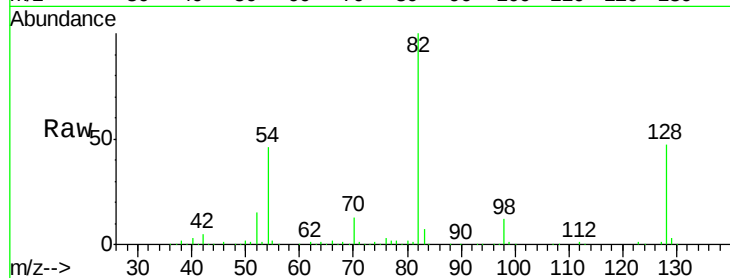
82 100

128 47.1 36.1 54.1

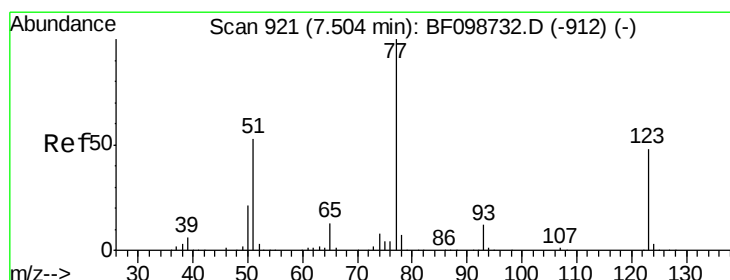
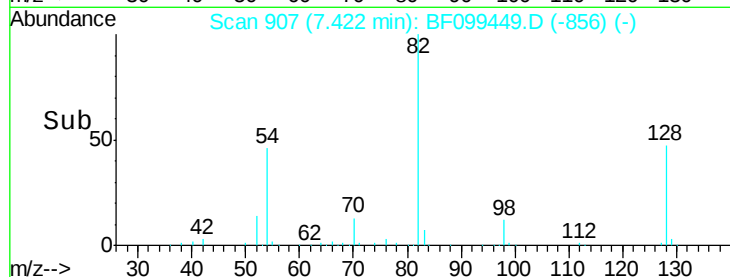
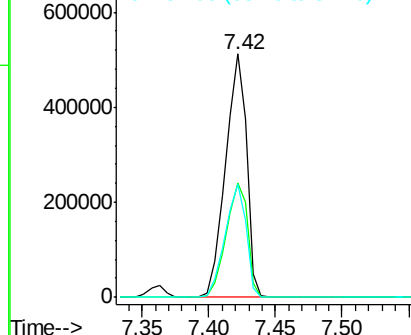
54 46.4 41.4 62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.20 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099449.D

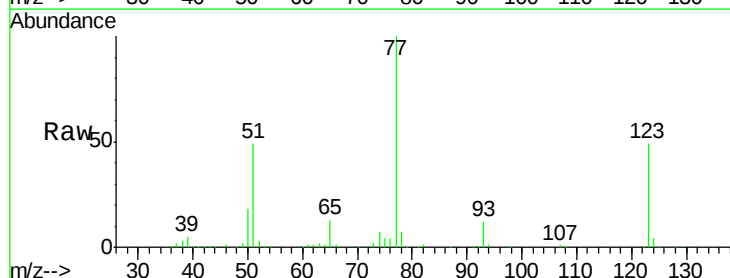
Acq: 13 Oct 2017 19:44

Tgt Ion: 77 Resp: 288467
Ion Ratio Lower Upper

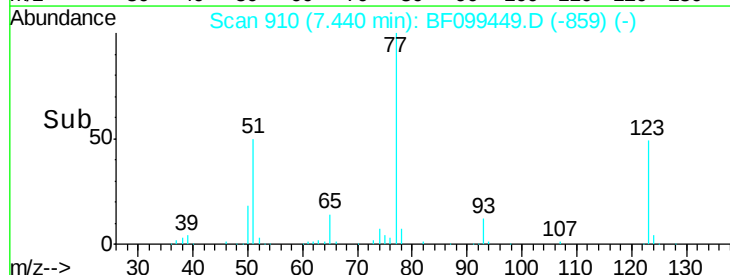
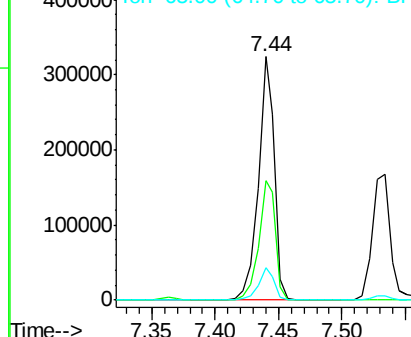
77 100

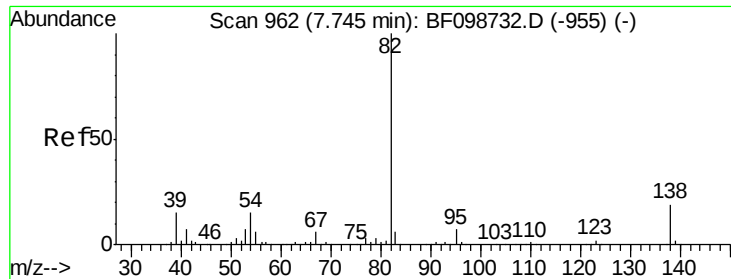
123 49.3 37.9 56.9

65 13.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.54 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

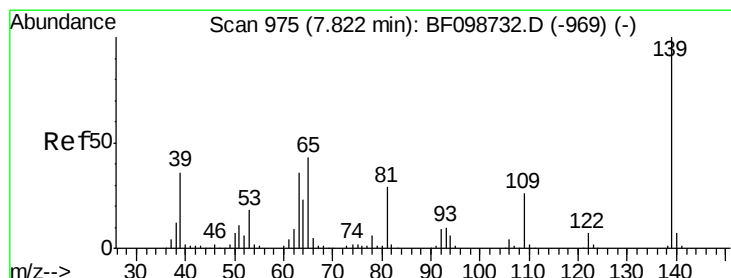
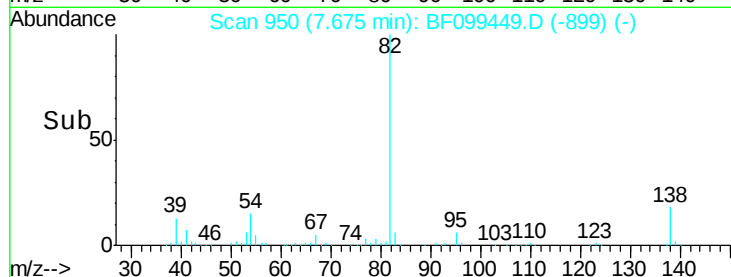
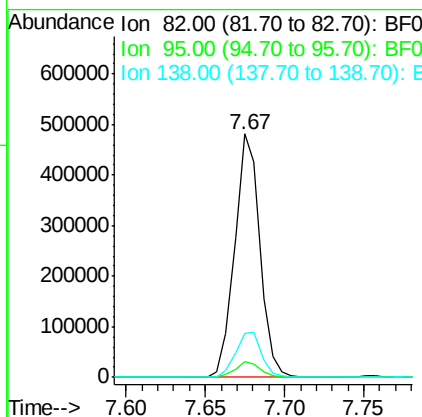
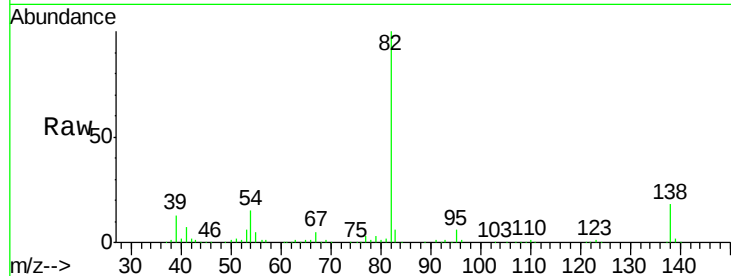
ClientSampleId :

PB103199BSD

Tgt Ion:	82	Resp:	530190
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.45 ng

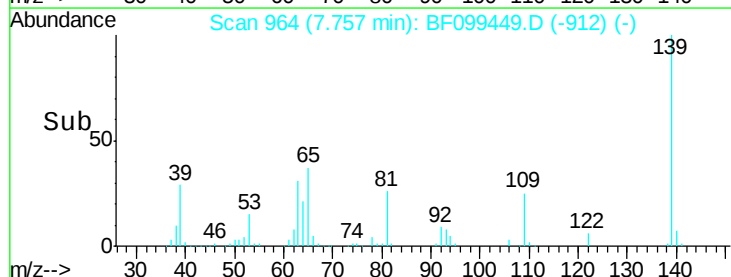
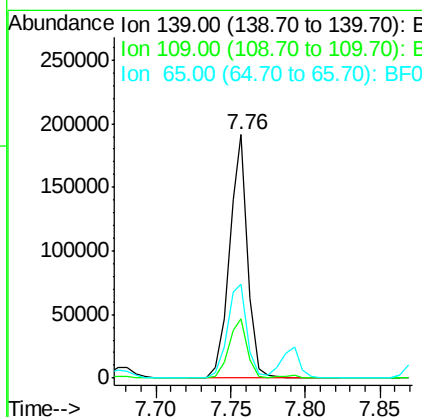
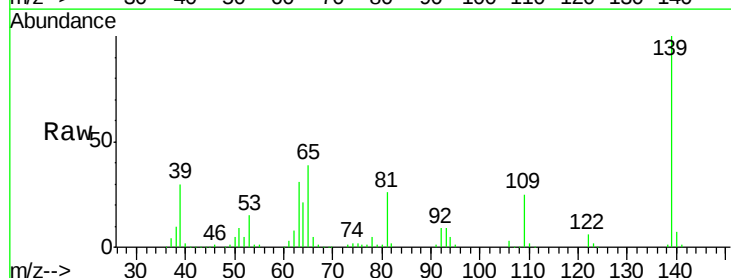
RT: 7.76 min Scan# 964

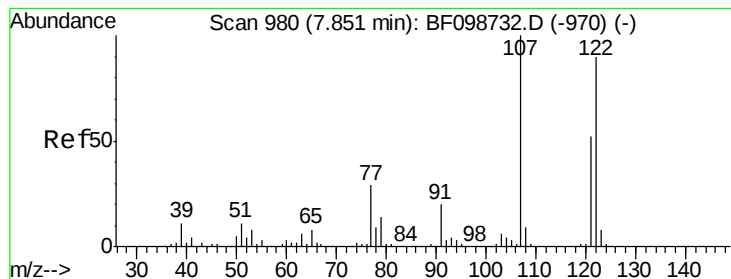
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	139	Resp:	163729
Ion Ratio		Lower	Upper
139	100		
109	24.6	22.7	34.1
65	38.8	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 39.66 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

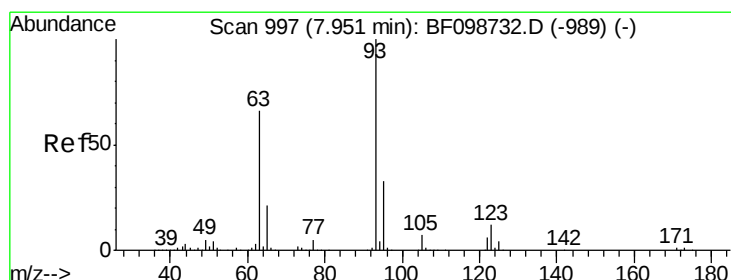
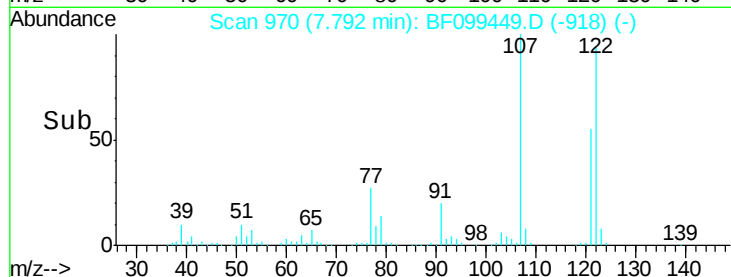
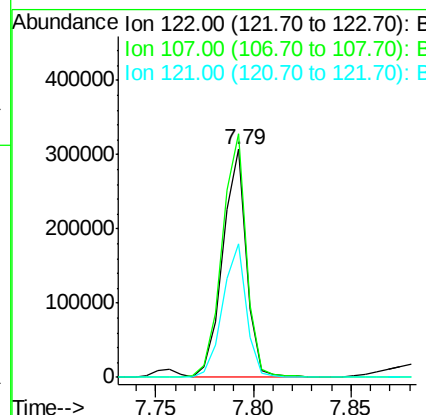
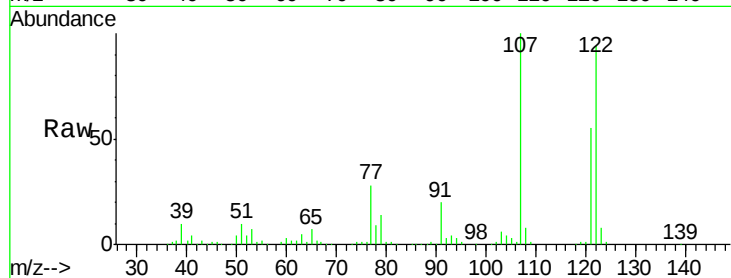
ClientSampleId :

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Tgt Ion:	122	Resp:	258433
Ion Ratio	Lower	Upper	
122	100		
107	106.8	91.2	136.8
121	58.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.29 ng

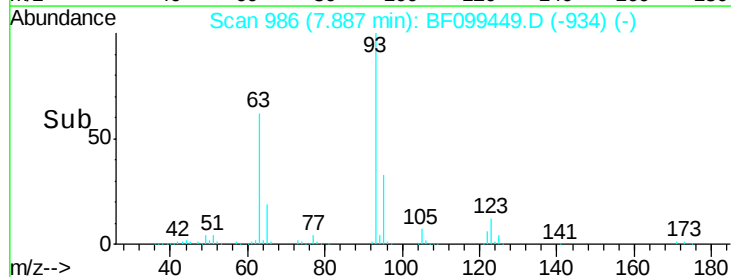
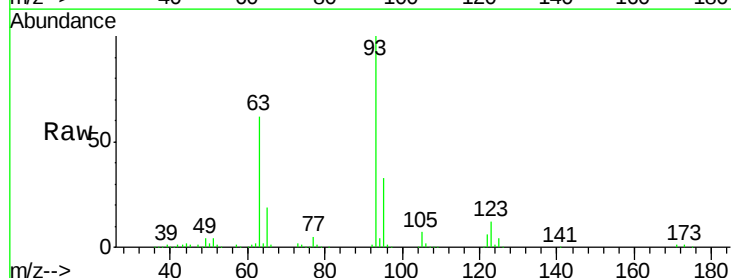
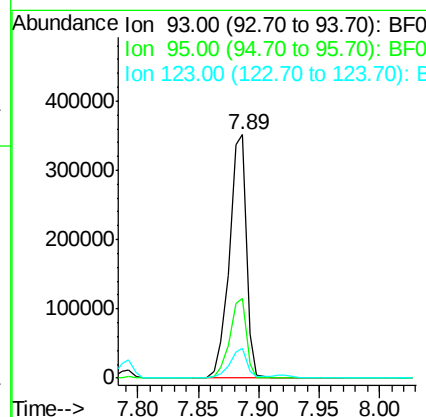
RT: 7.89 min Scan# 986

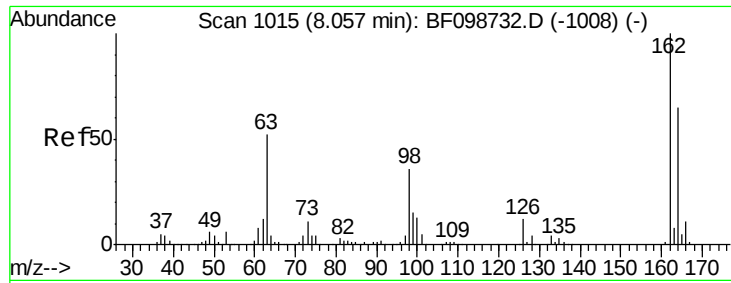
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	93	Resp:	344646
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	12.3	9.8	14.6





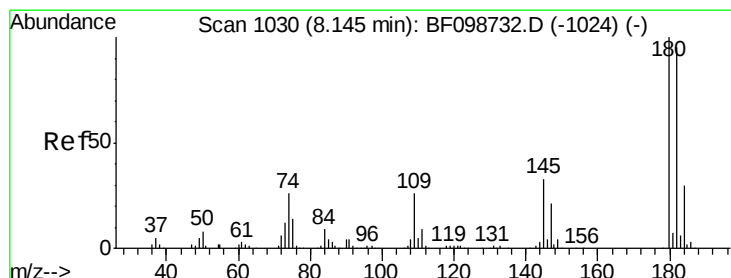
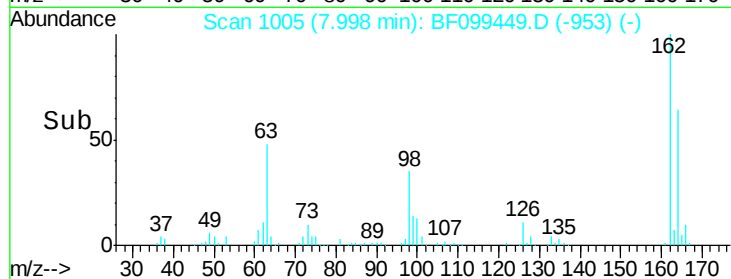
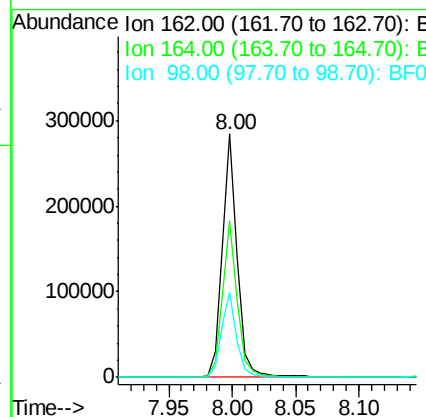
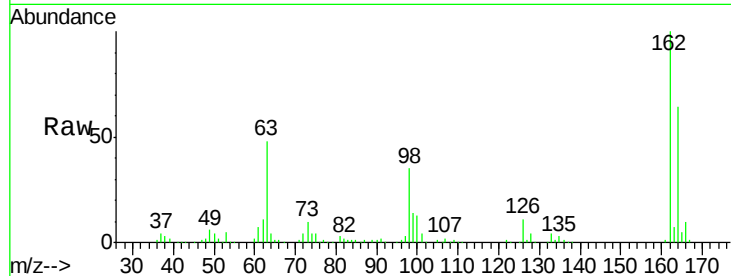
#29
 2,4-Dichlorophenol
 Concen: 43.02 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion:	162	Resp:	240687
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	34.9	18.1	58.1

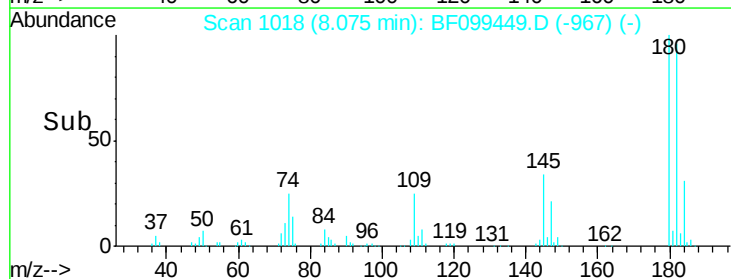
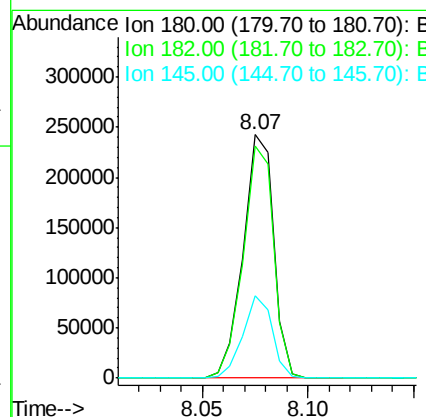
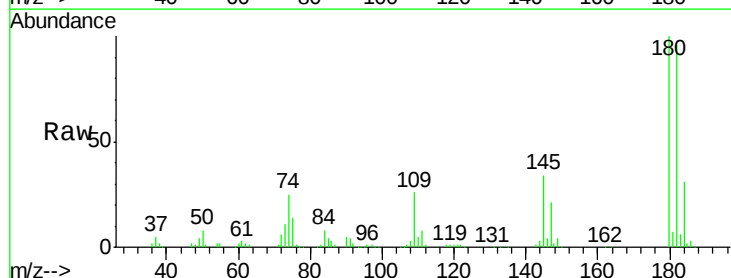
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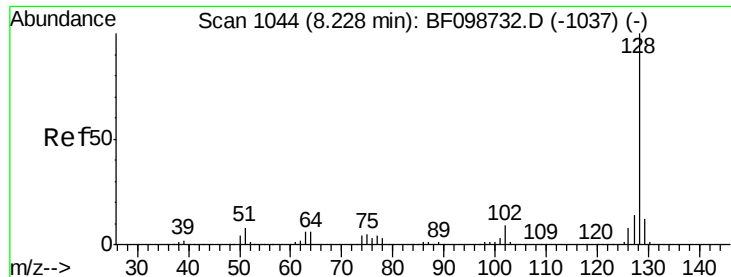
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.31 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion:	180	Resp:	242335
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.8	115.2
145	33.6	26.5	39.7





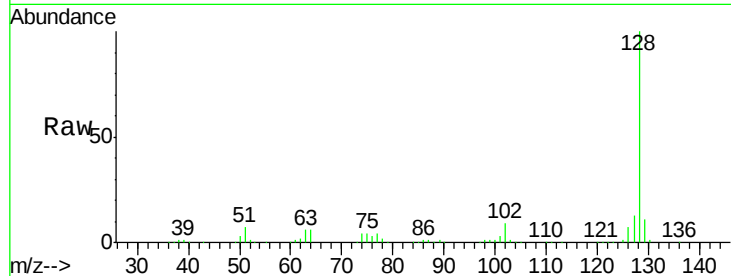
#31
Naphthalene
Concen: 42.65 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

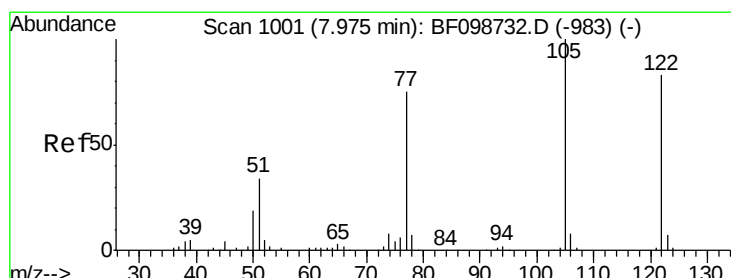
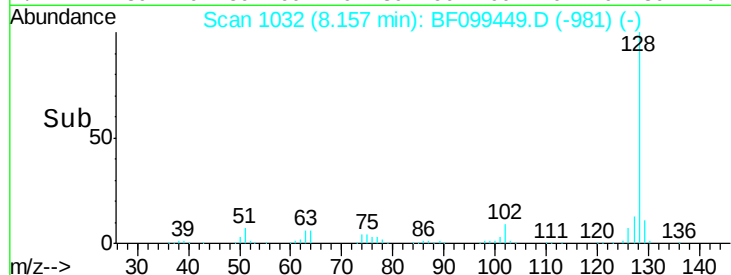
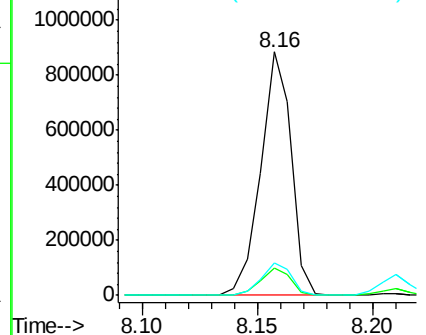
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.9	16.3

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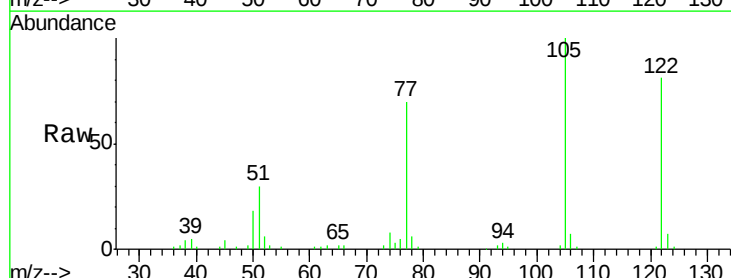


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

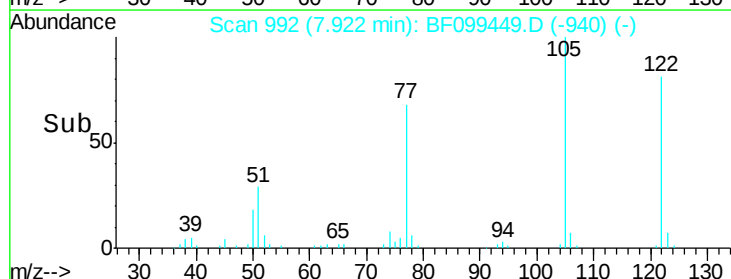
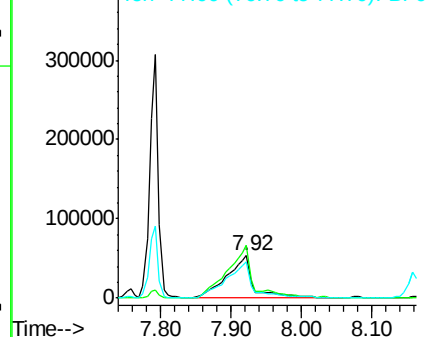


#32
Benzoic acid
Concen: 25.74 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	124.0	101.1	141.1
77	86.5	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





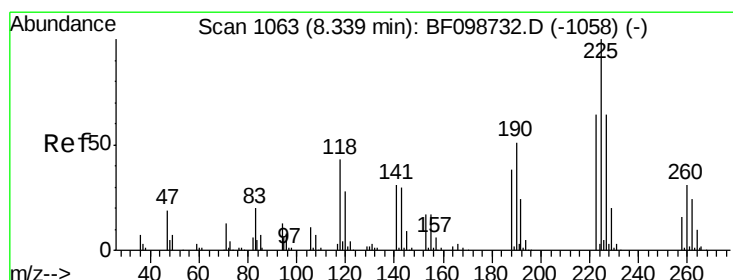
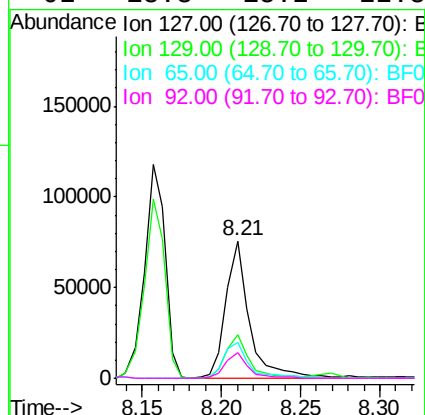
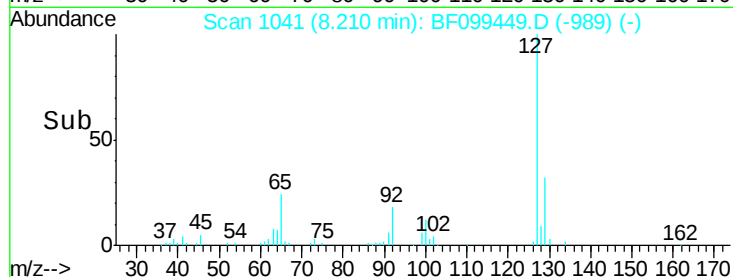
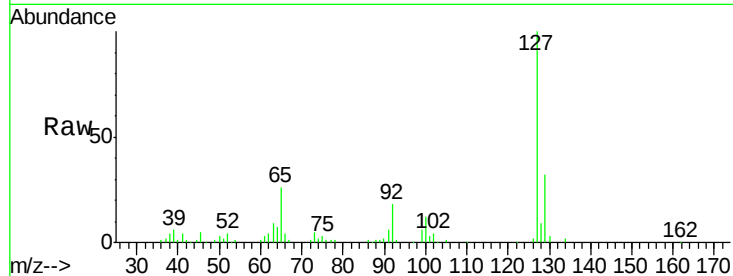
#33
4-Chloroaniline
Concen: 9.88 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	25.7	25.0	37.4	
92	18.3	15.2	22.8	

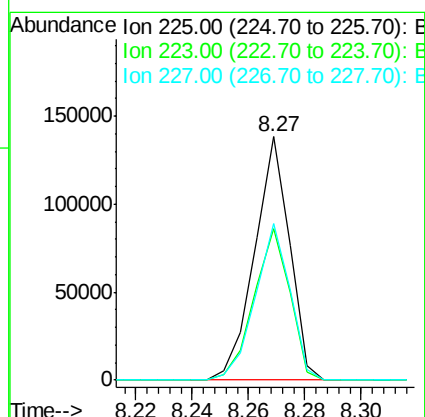
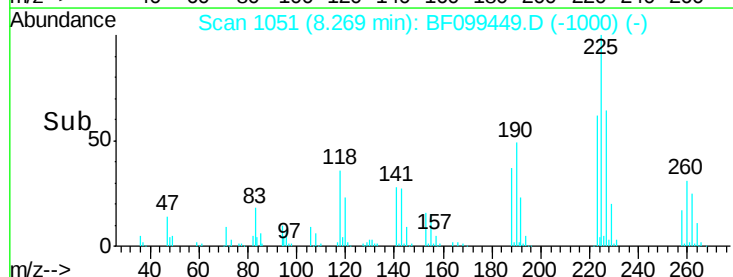
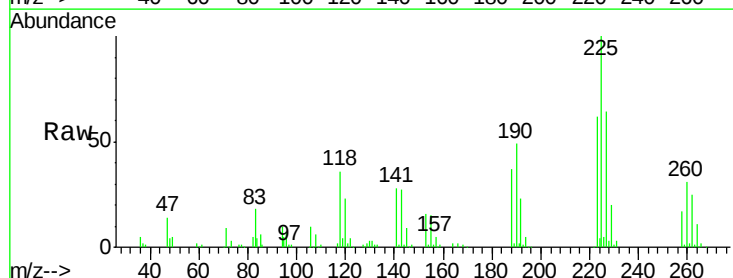
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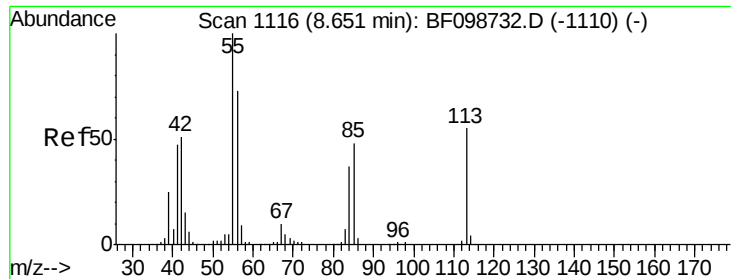
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#34
Hexachlorobutadiene
Concen: 41.15 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.6	76.0	
227	64.2	51.9	77.9	





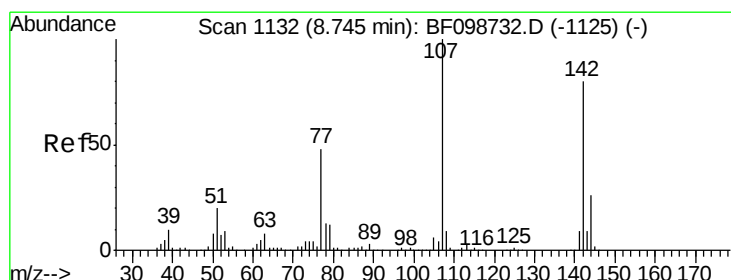
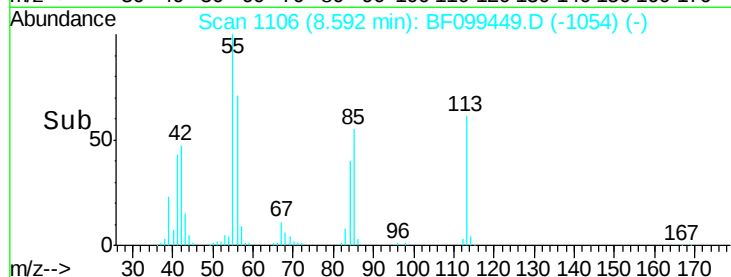
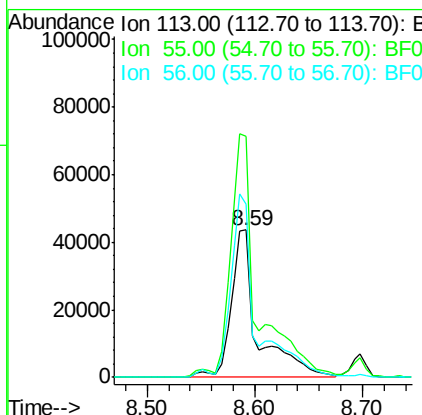
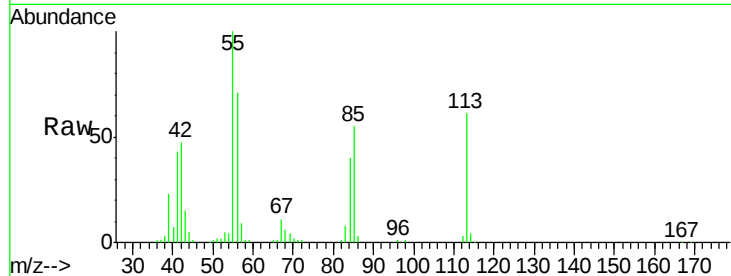
#35
 Caprolactam
 Concen: 42.38 ng m
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	164.2	163.3	203.3
56	117.4	115.7	155.7

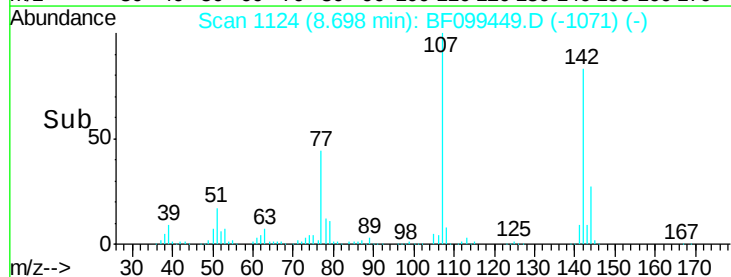
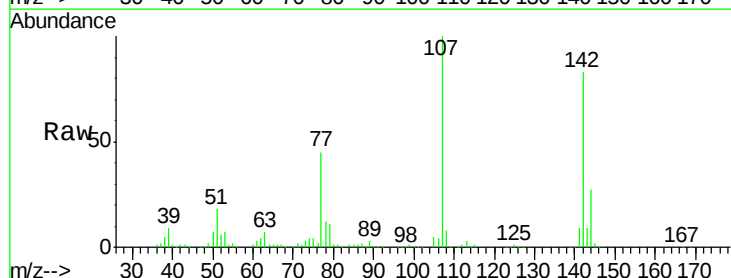
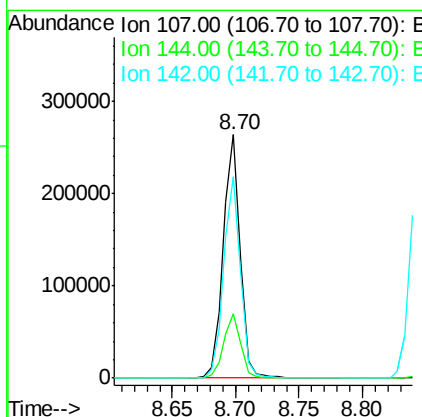
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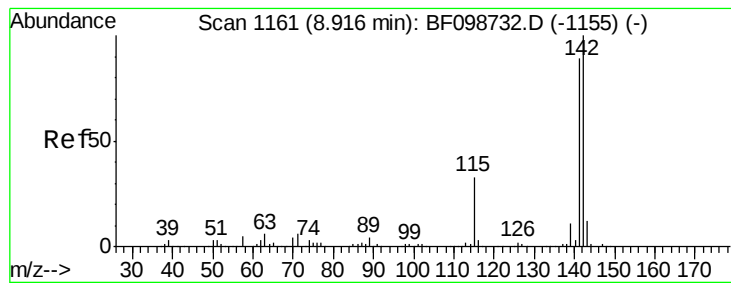
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#36
 4-Chloro-3-methylphenol
 Concen: 39.10 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	82.6	62.0	93.0





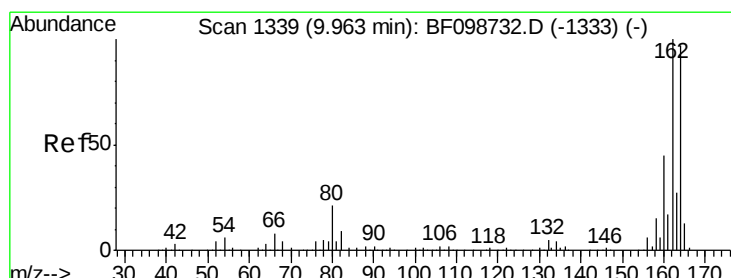
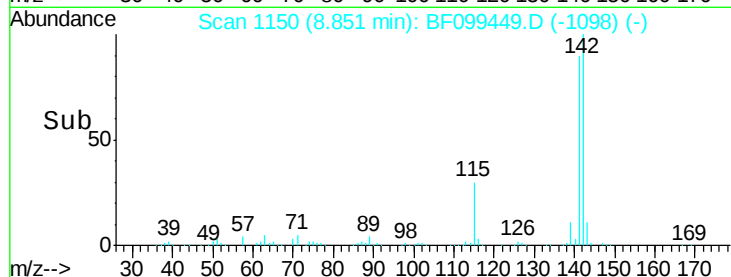
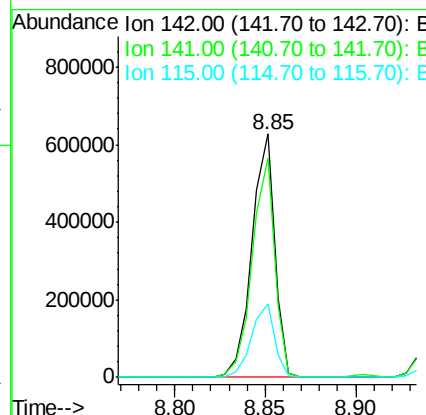
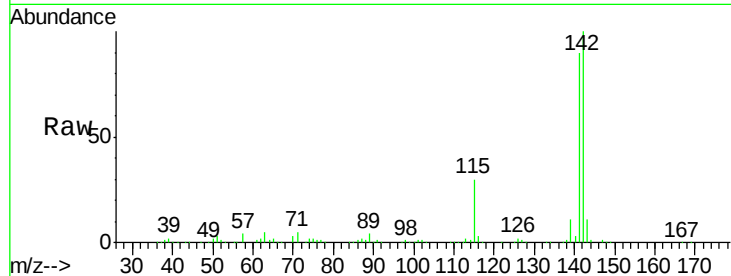
#37
 2-Methylnaphthalene
 Concen: 44.53 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	551501		
141	90.2	70.8	106.2	
115	30.0	26.1	39.1	

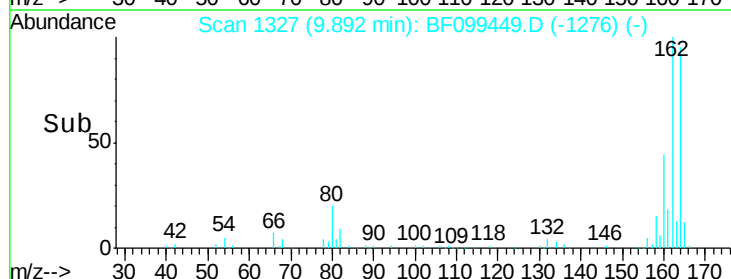
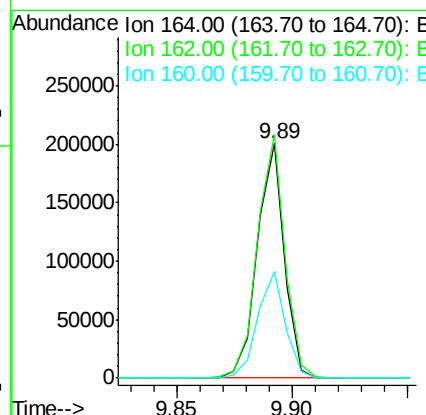
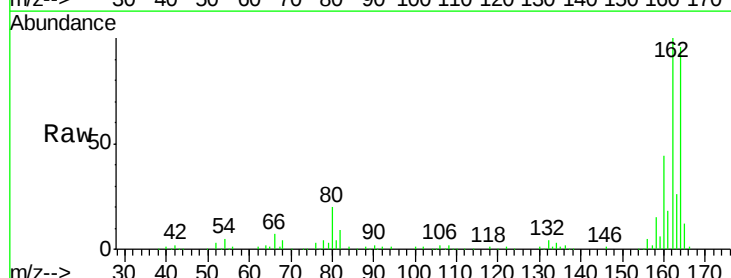
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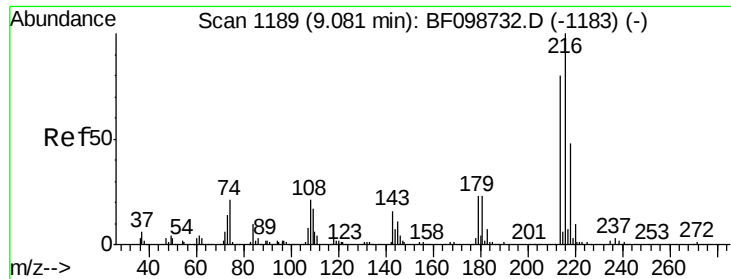
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163806		
162	104.0	86.1	129.1	
160	45.5	38.3	57.5	





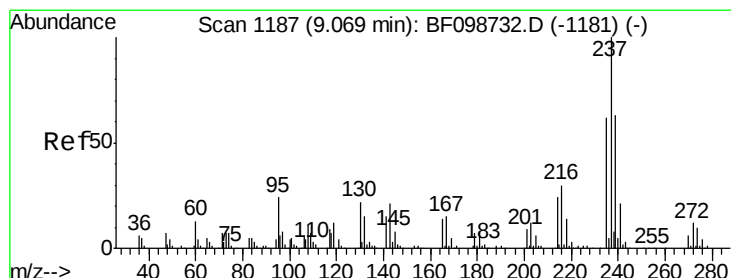
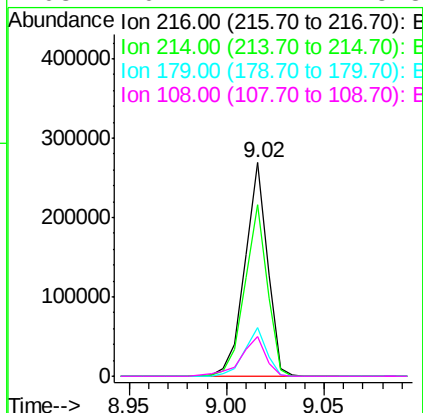
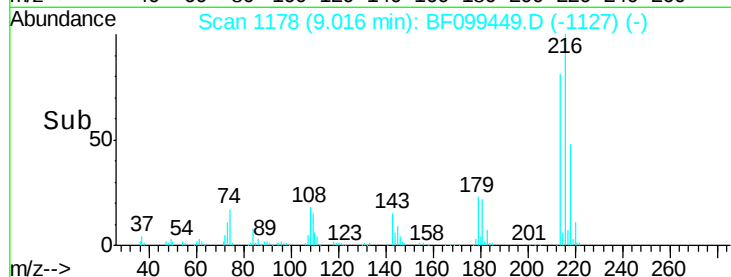
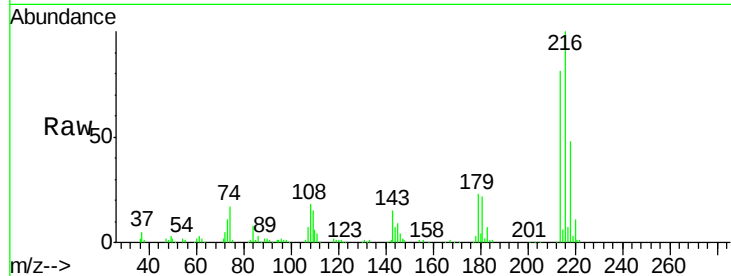
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.25 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.9	63.0	94.4
179	22.2	18.1	27.1
108	20.2	17.2	25.8

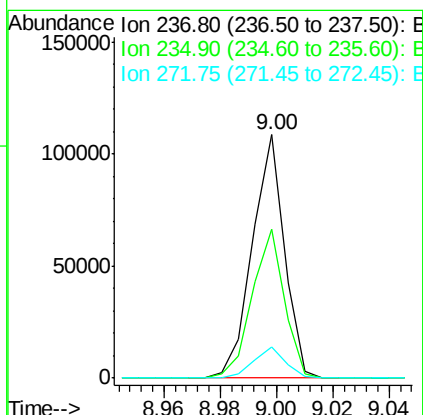
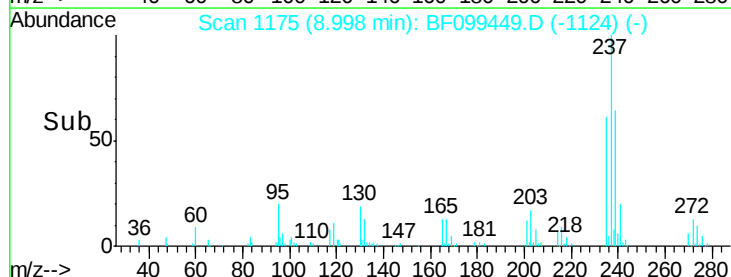
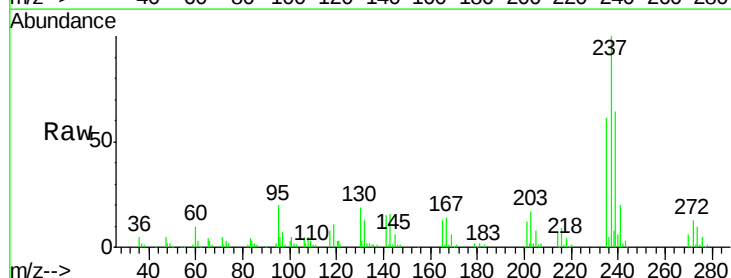
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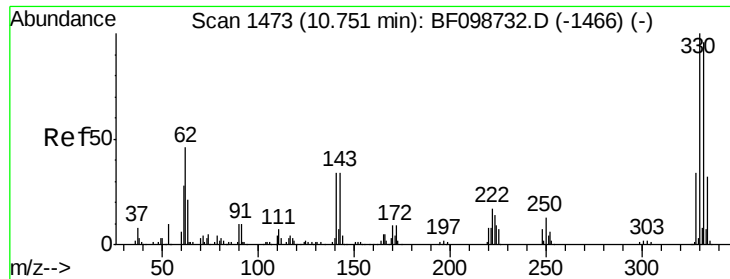
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#40
 Hexachlorocyclopentadiene
 Concen: 38.28 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.4	44.8	84.8
272	12.8	0.0	33.3





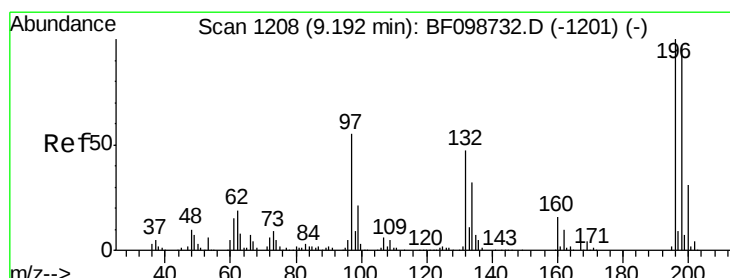
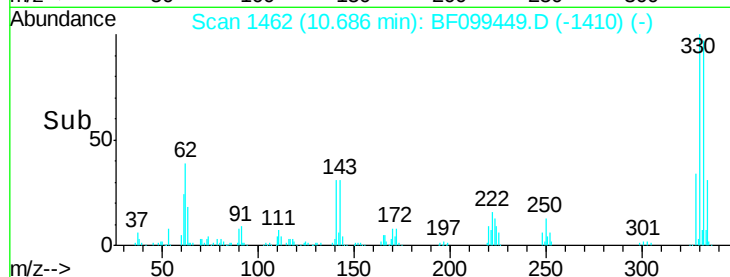
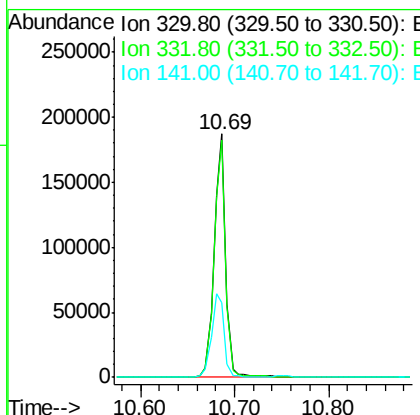
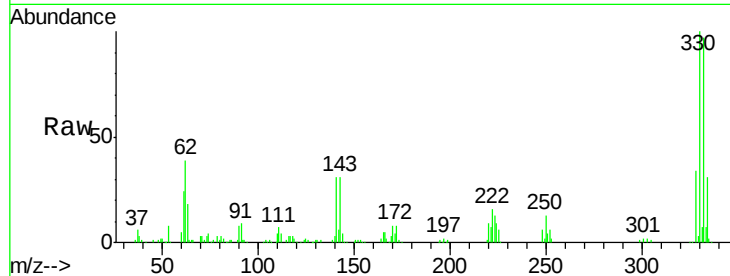
#41
 2,4,6-Tribromophenol
 Concen: 121.55 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	162925		
332	97.5	77.0	115.6	
141	38.0	29.9	44.9	

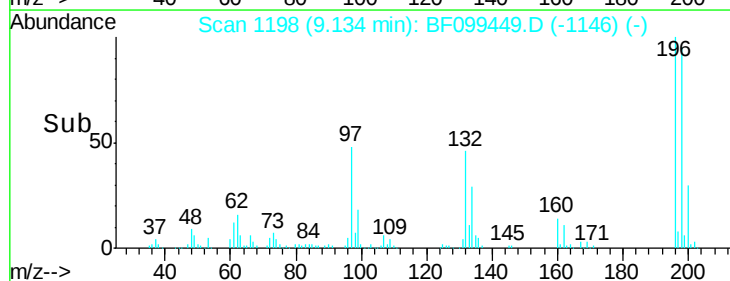
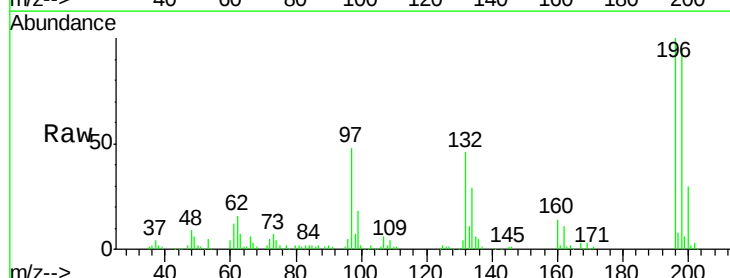
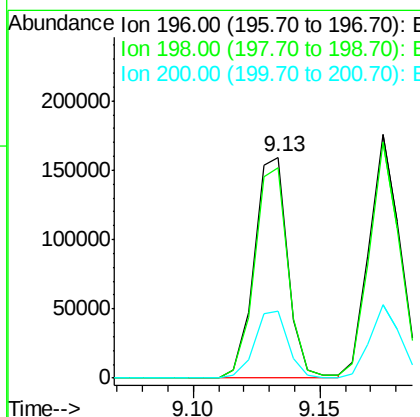
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#42
 2,4,6-Trichlorophenol
 Concen: 42.79 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	148085		
198	95.4	75.7	113.5	
200	30.4	24.5	36.7	





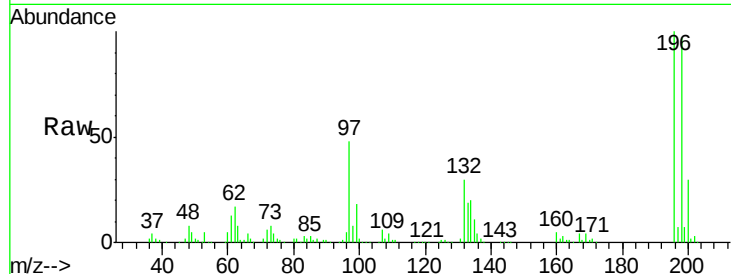
#43
 2,4,5-Trichlorophenol
 Concen: 44.73 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154525		
198	96.9	74.6	112.0	
97	48.2	42.9	64.3	
132	30.5	26.3	39.5	

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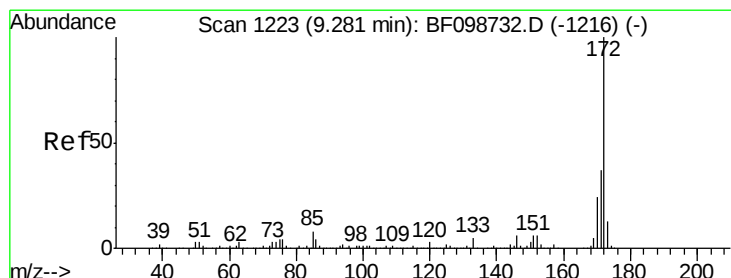
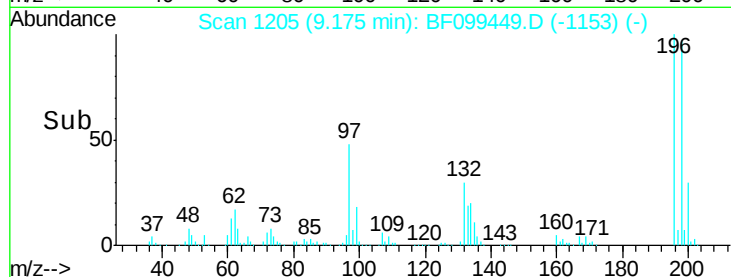
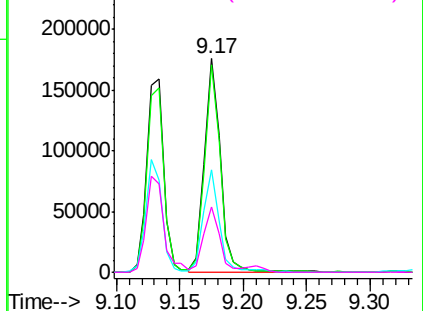
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.39 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

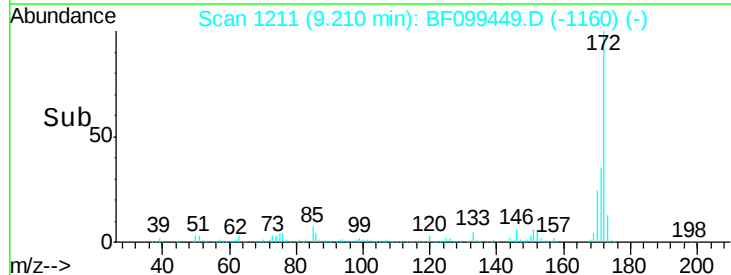
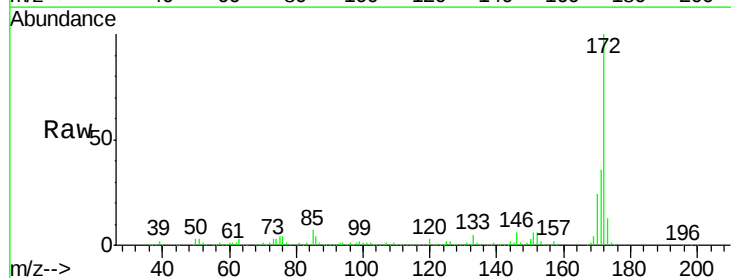
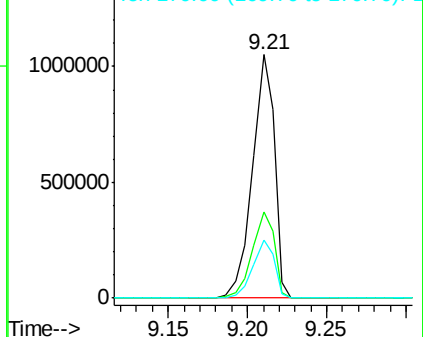
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1014436		
171	35.6	29.7	44.5	
170	23.8	19.6	29.4	

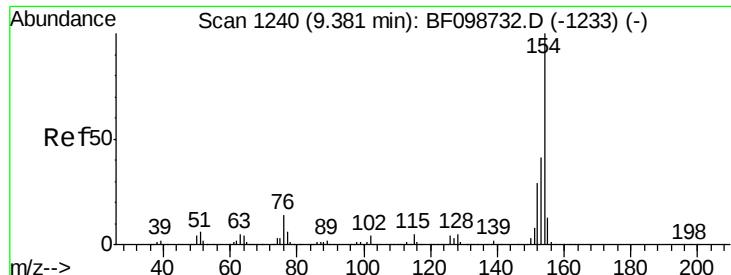
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





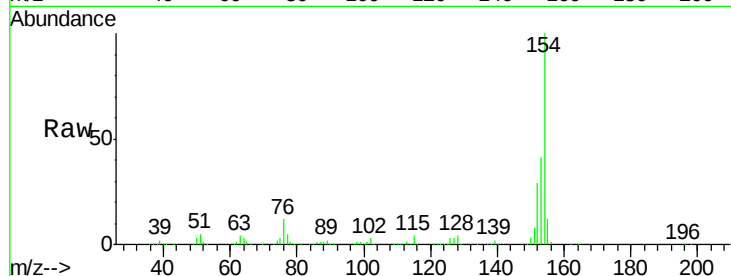
#45
 1,1'-Biphenyl
 Concen: 44.43 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

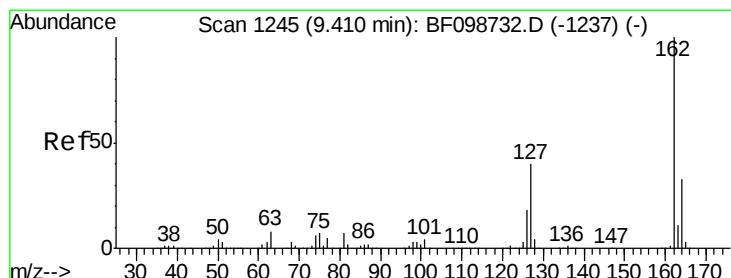
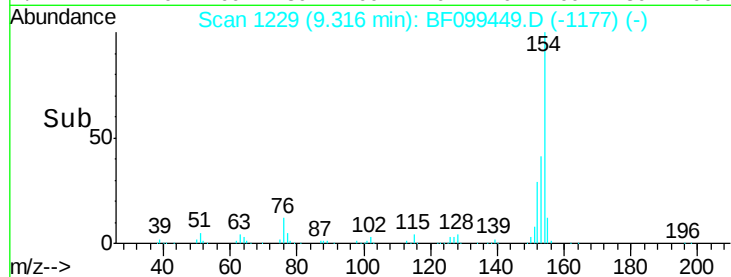
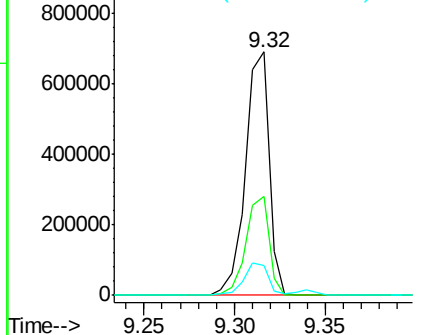
Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.3	61.3	
76	12.2	0.0	34.0	

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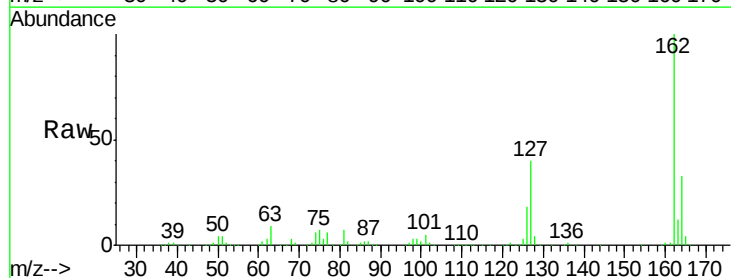


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

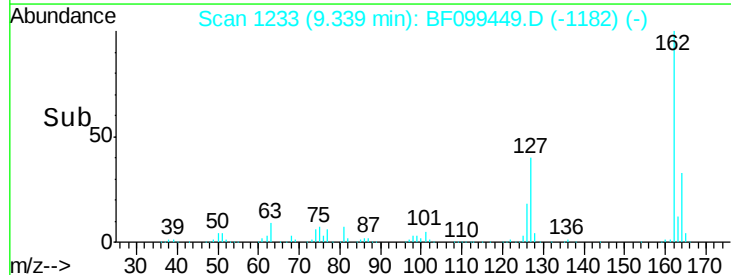
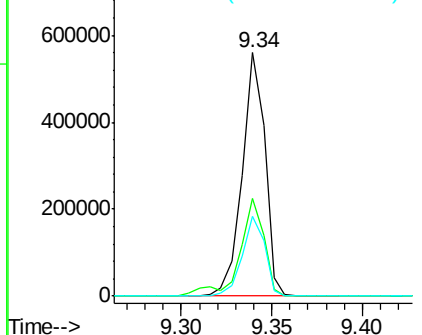


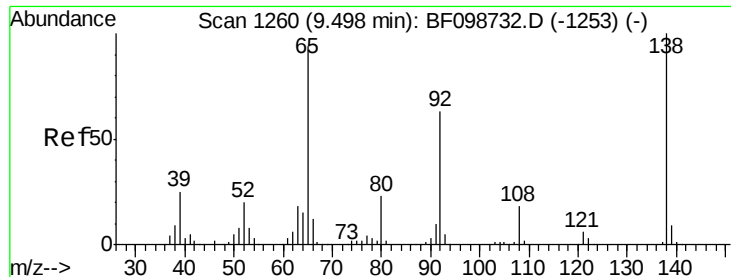
#46
 2-Chloronaphthalene
 Concen: 46.04 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.0	33.9	50.9	
164	32.7	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





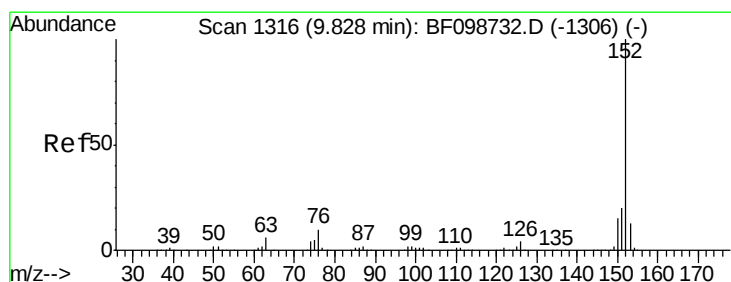
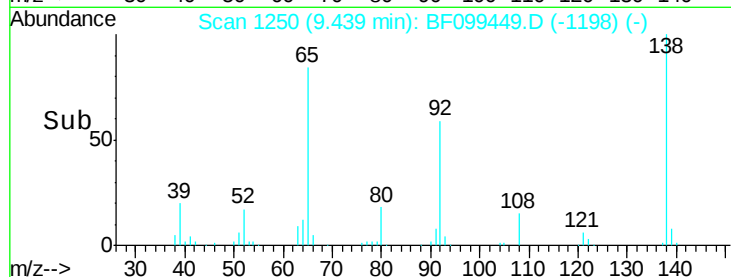
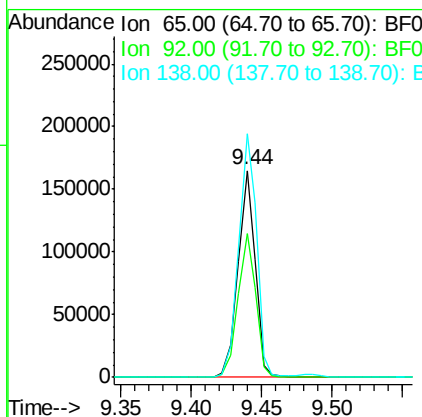
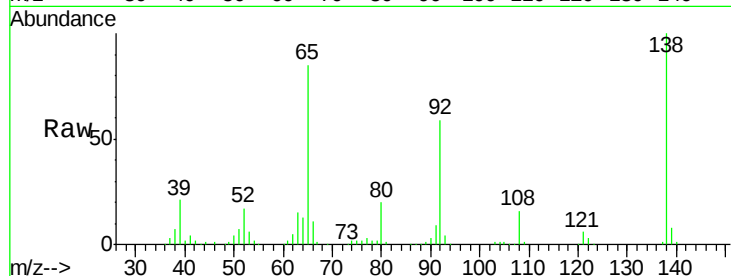
#47
2-Nitroaniline
Concen: 43.38 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	55.8	83.6
138	117.9	91.2	136.8

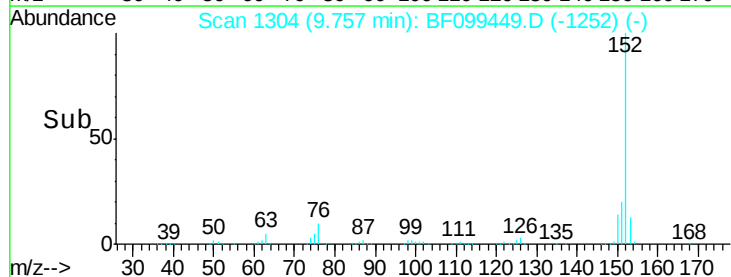
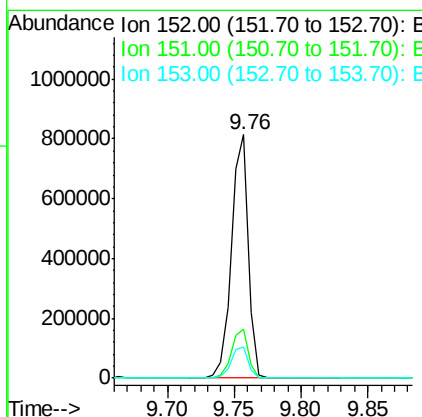
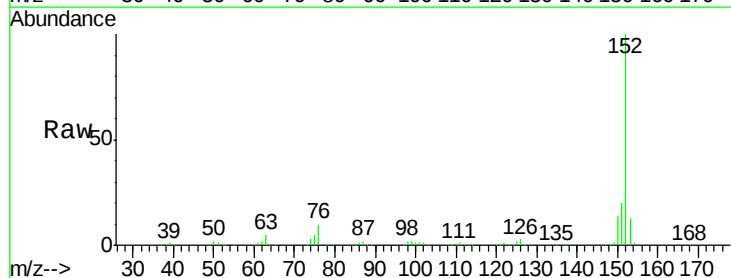
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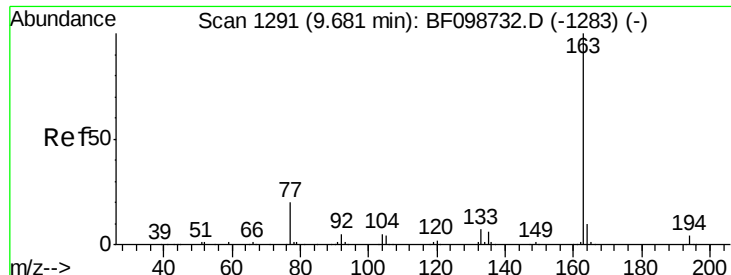
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#48
Acenaphthylene
Concen: 44.64 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.0	10.7	16.1





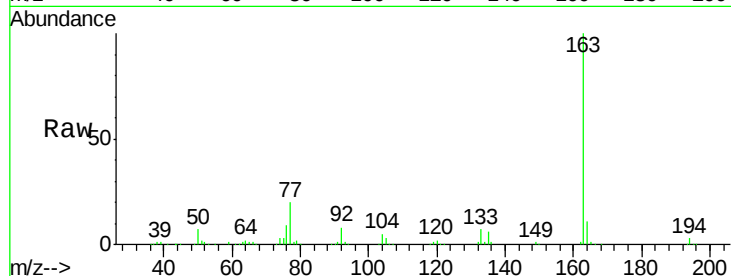
#49
Dimethylphthalate
Concen: 45.64 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

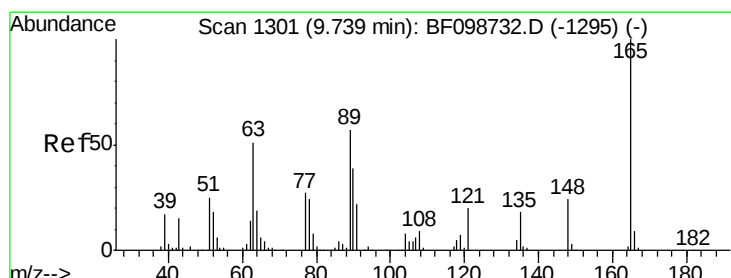
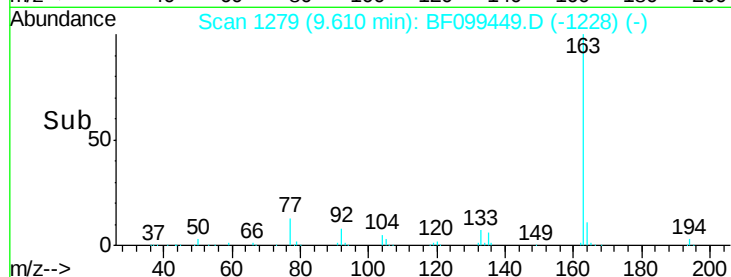
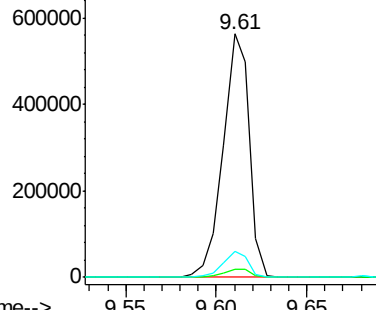
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	564238		
194	3.4		2.7	4.1
164	10.8		8.2	12.2

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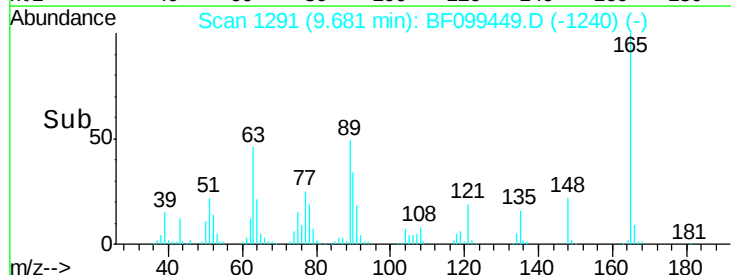
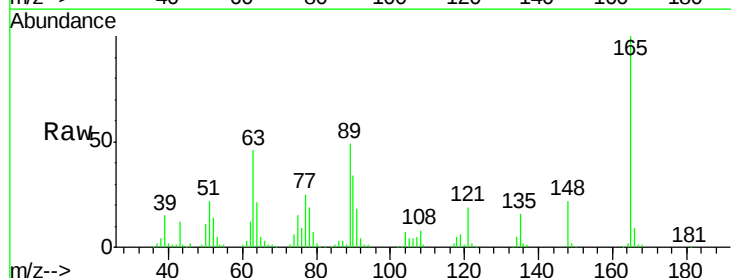
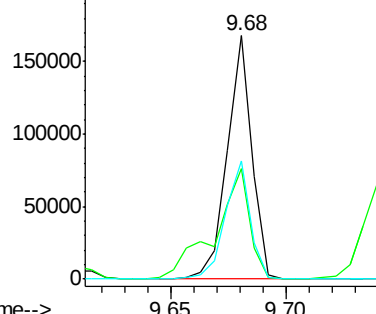
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

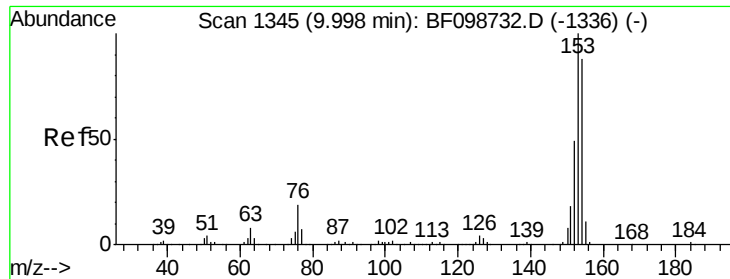


#50
2,6-Dinitrotoluene
Concen: 46.66 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	125590		
63	45.6		44.7	67.1
89	48.6		44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.03 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

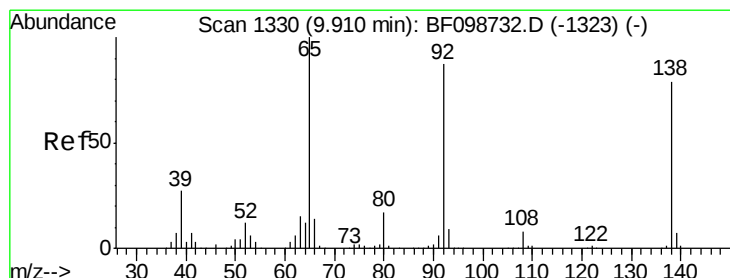
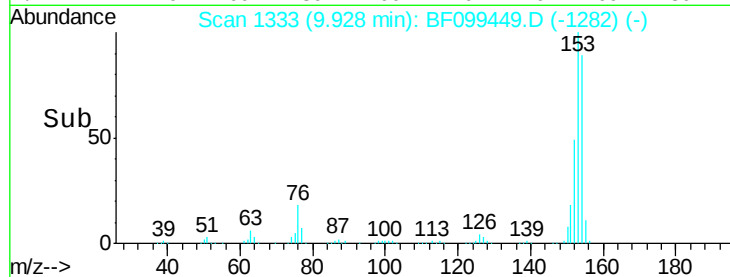
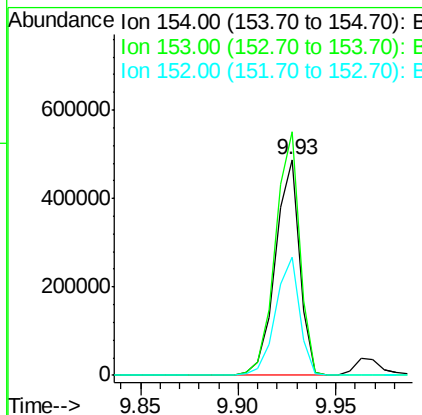
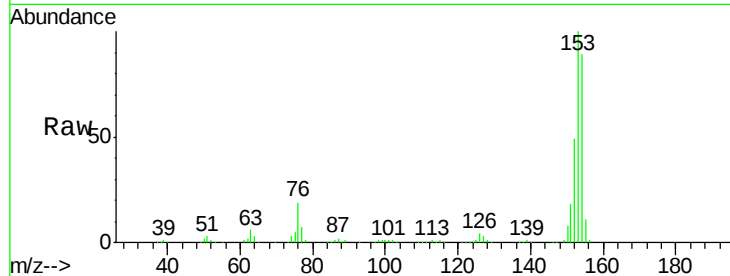
ClientSampleId :

PB103199BSD

Tgt Ion:	154	Resp:	420569
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 22.24 ng

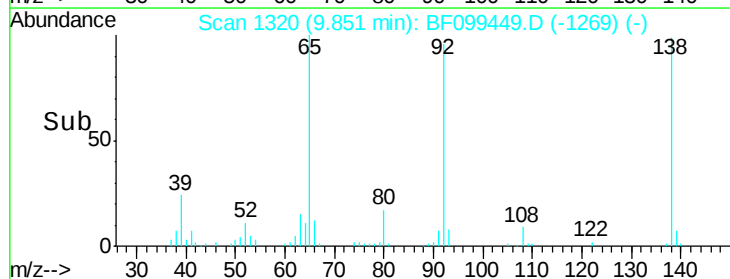
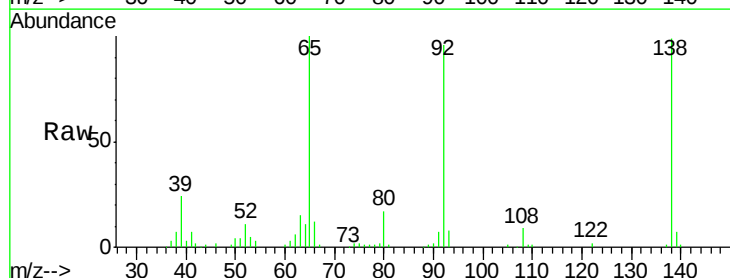
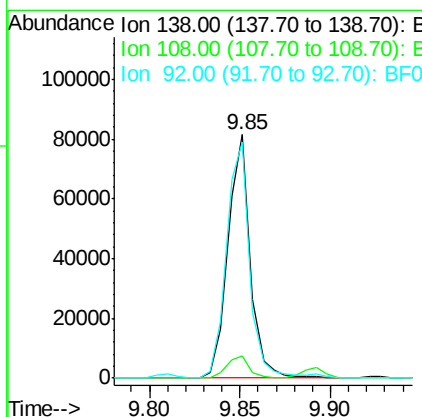
RT: 9.85 min Scan# 1320

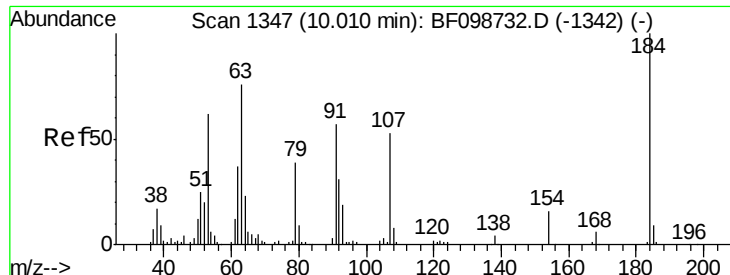
Delta R.T. 0.00 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	138	Resp:	69809
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.0#
92	96.7	89.4	134.2





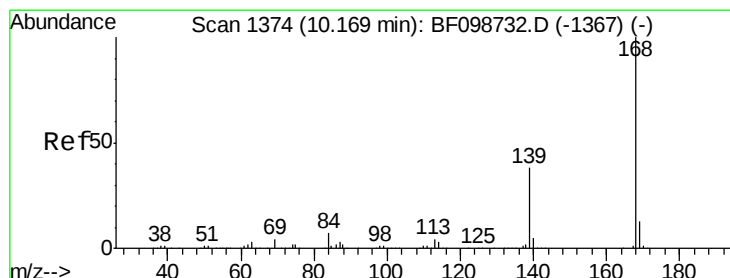
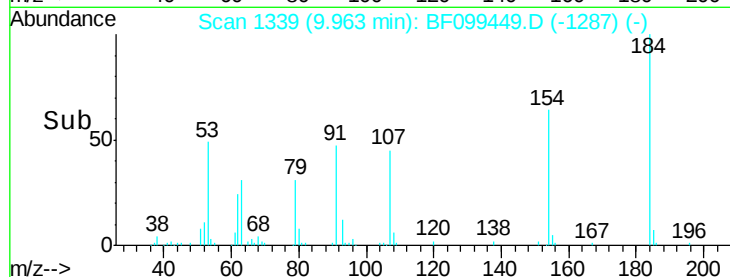
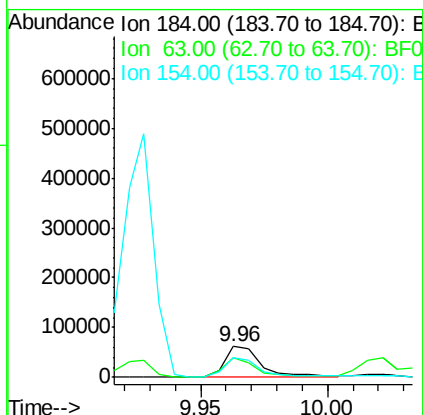
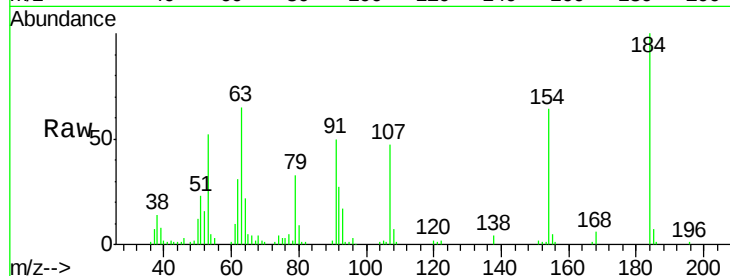
#53
2,4-Dinitrophenol
Concen: 47.77 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	63391		
63	65.5	54.2	81.2	
154	64.4	53.5	80.3	

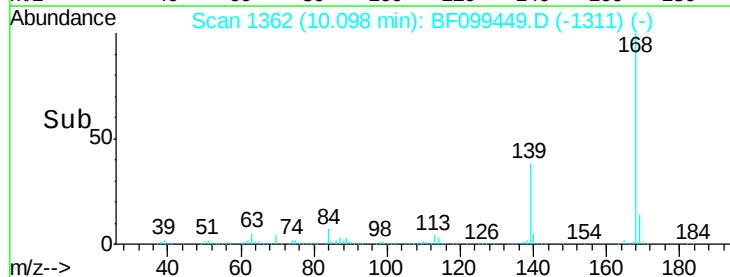
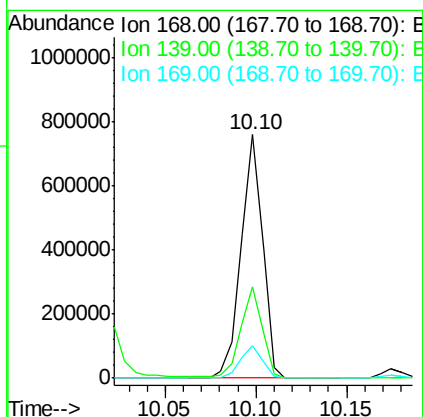
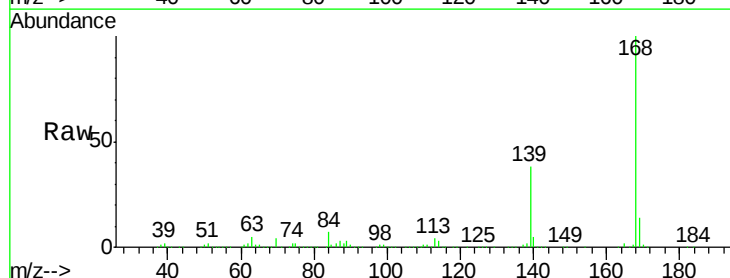
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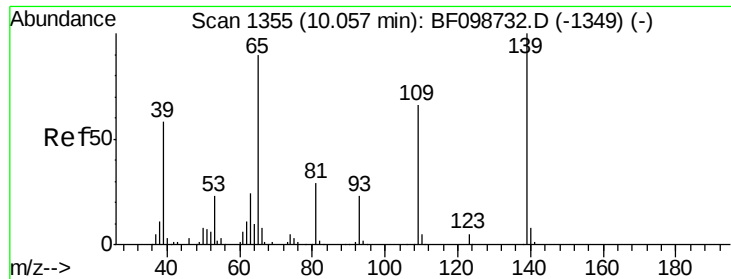
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#54
Dibenzofuran
Concen: 45.98 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	627567		
139	37.6	30.1	45.1	
169	13.5	10.9	16.3	





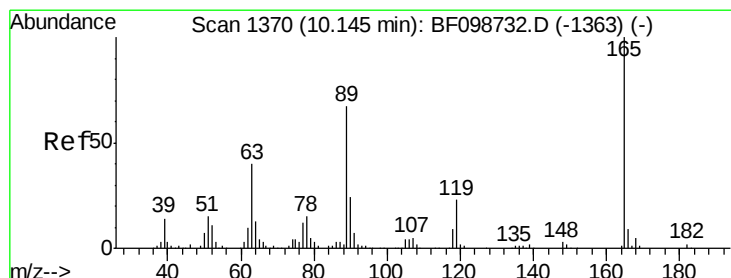
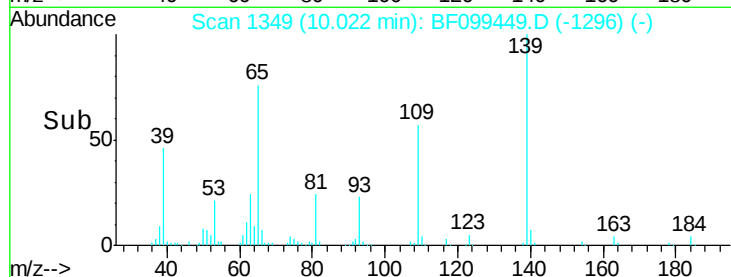
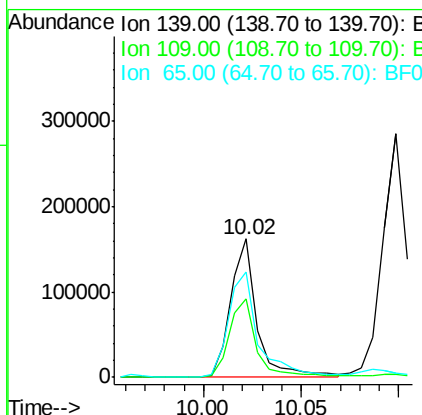
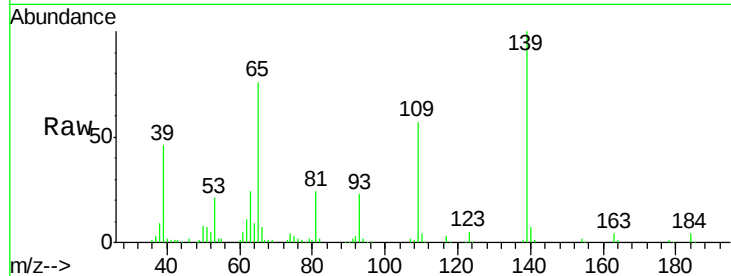
#55
4-Nitrophenol
Concen: 57.29 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	152030		
109	56.9	48.4	88.4	
65	76.1	72.6	112.6	

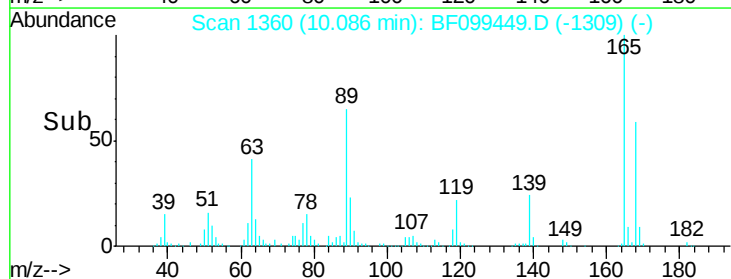
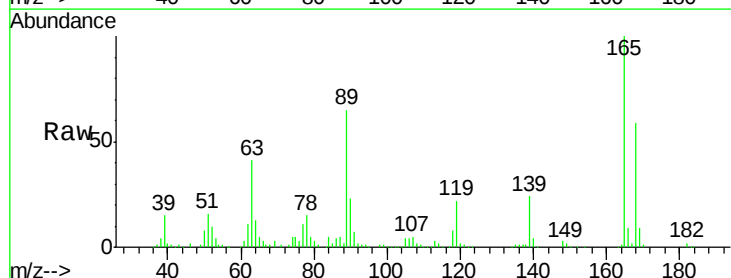
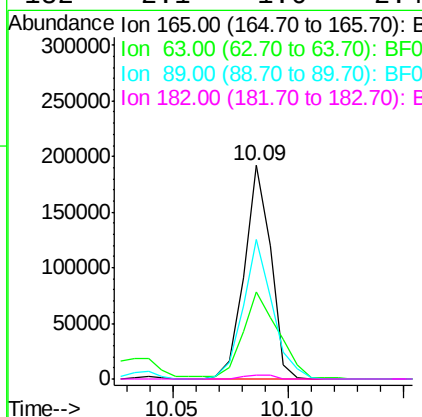
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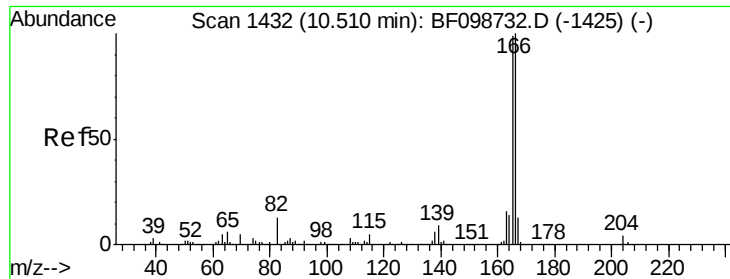
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#56
2,4-Dinitrotoluene
Concen: 43.93 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153457		
63	40.9	36.4	54.6	
89	65.4	57.8	86.6	
182	2.1	1.6	2.4	





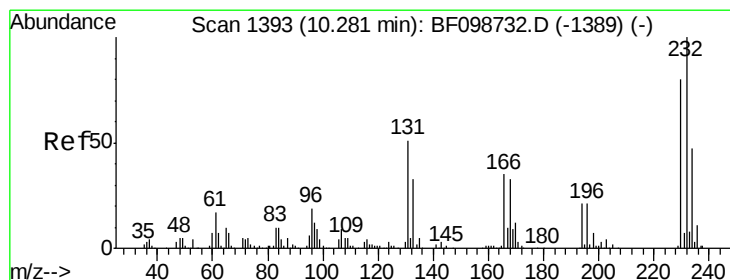
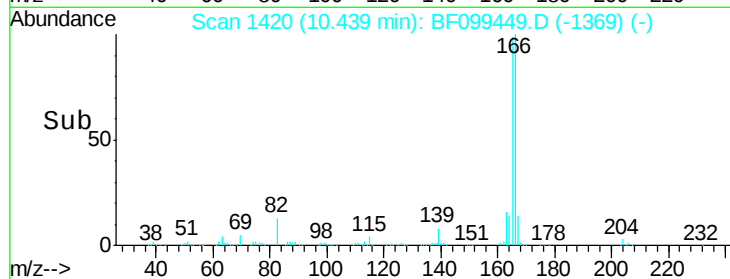
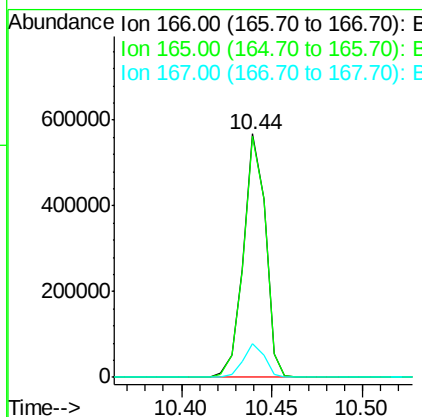
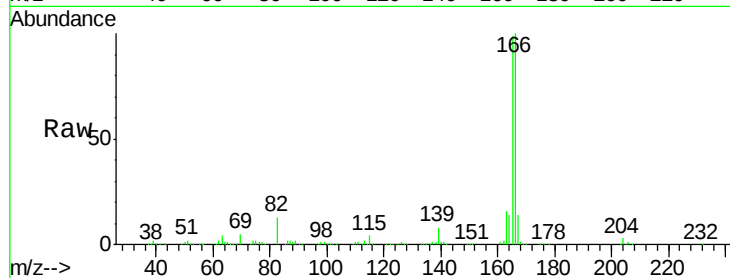
#57
Fluorene
 Concen: 43.65 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	478797		
165	98.9	79.8	119.8	
167	13.9	10.6	16.0	

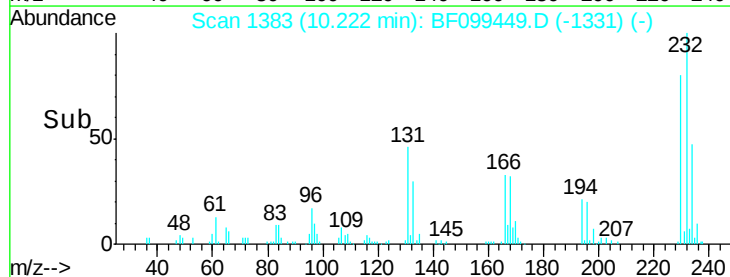
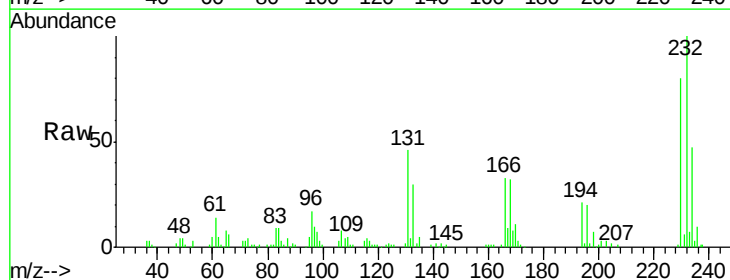
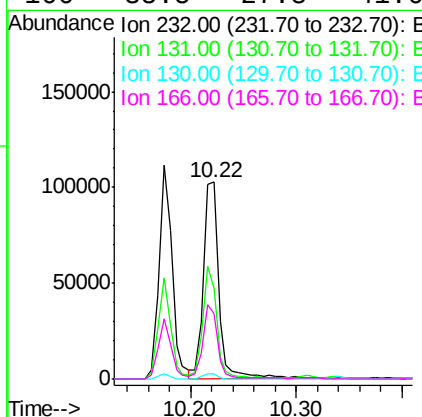
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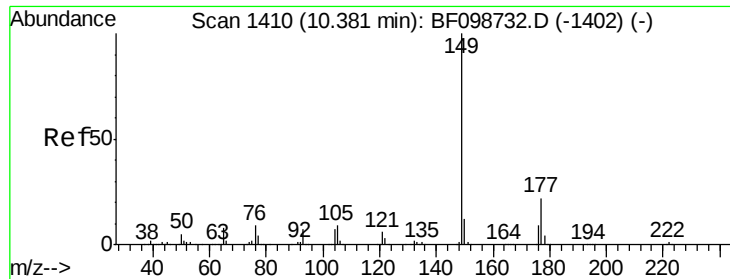
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.53 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	103887		
131	51.0	43.8	65.8	
130	2.3	2.1	3.1	
166	35.5	27.8	41.6	





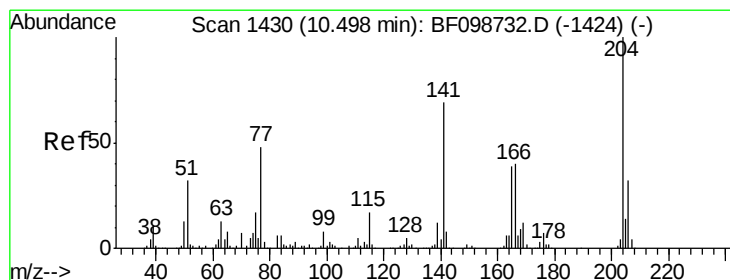
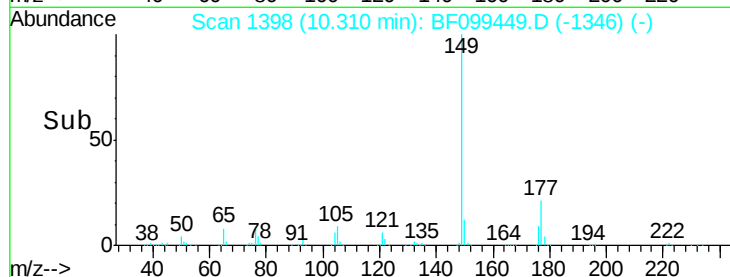
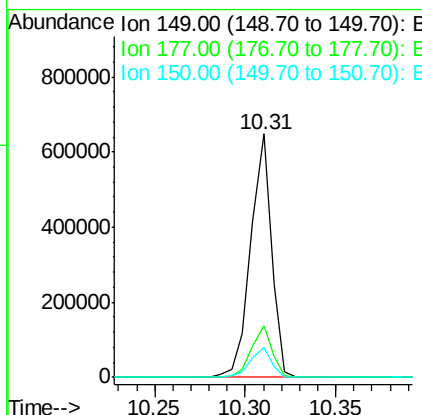
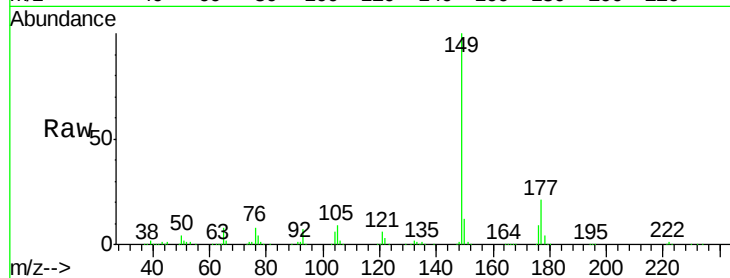
#59
Diethylphthalate
Concen: 42.93 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	518581		
177	21.2	16.1	24.1	
150	12.2	10.1	15.1	

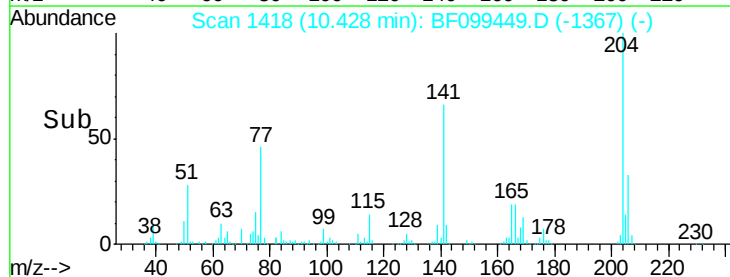
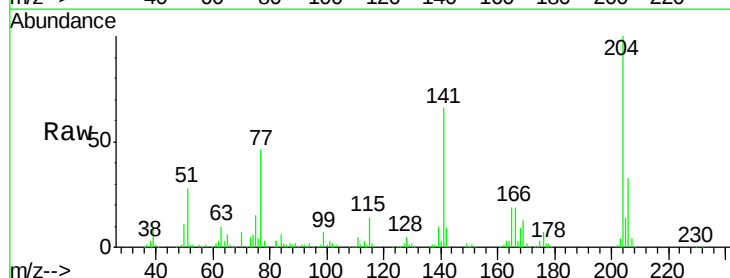
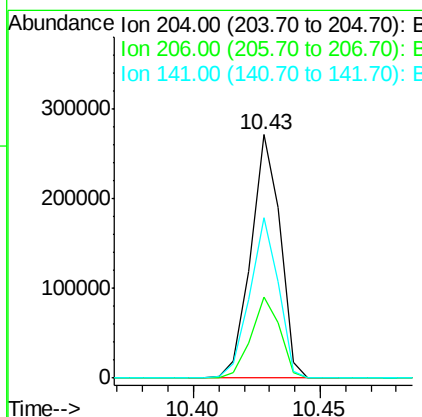
Manual Integrations
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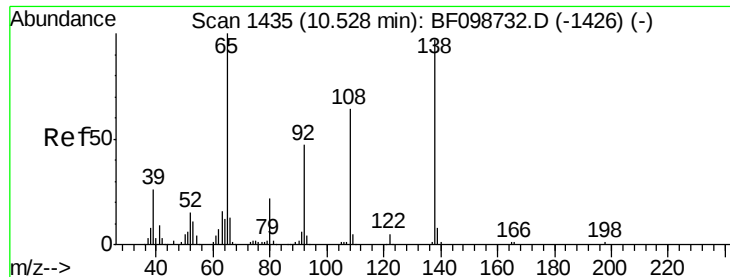
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.44 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	218955		
206	33.3	26.5	39.7	
141	66.1	54.6	81.8	





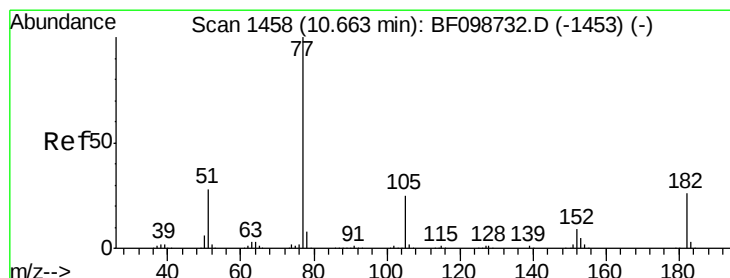
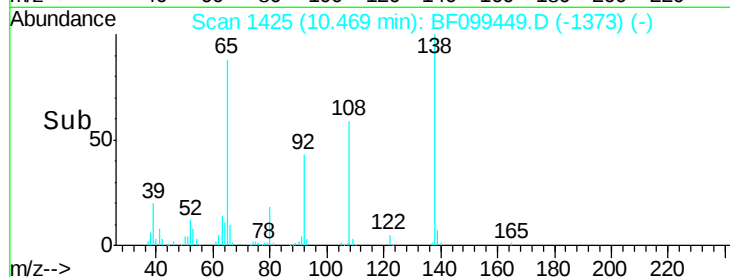
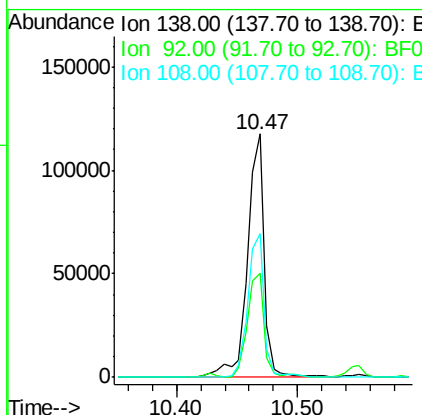
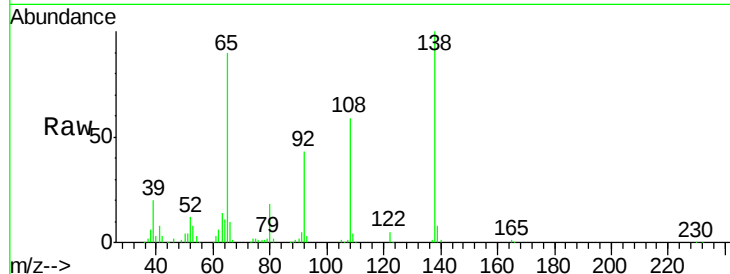
#61
4-Nitroaniline
Concen: 38.00 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.0	30.2	70.2
108	59.0	52.5	92.5

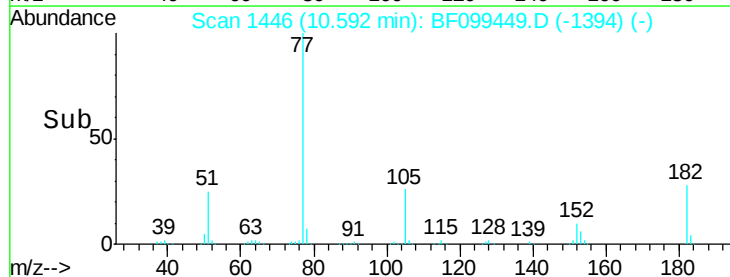
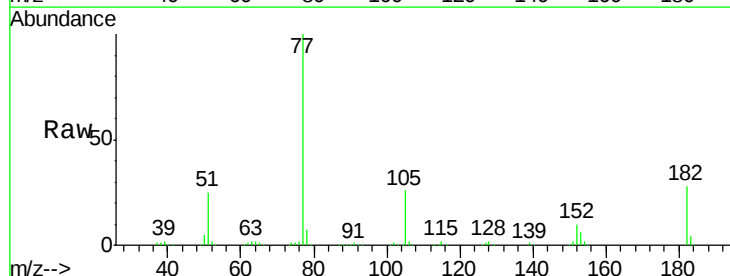
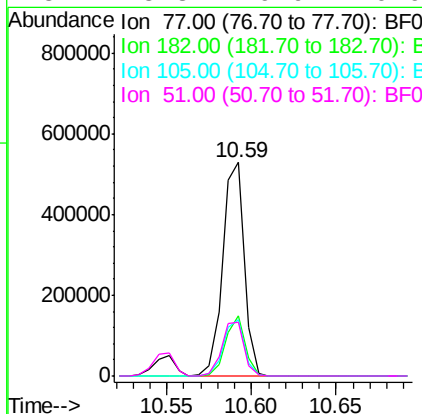
Manual Integrations
APPROVED

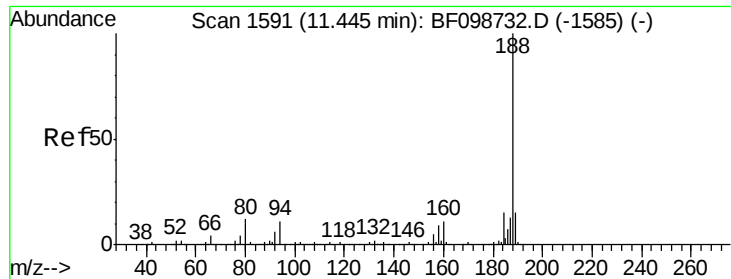
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#62
Azobenzene
Concen: 42.32 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	26.2	3.0	43.0
51	25.3	9.9	49.9





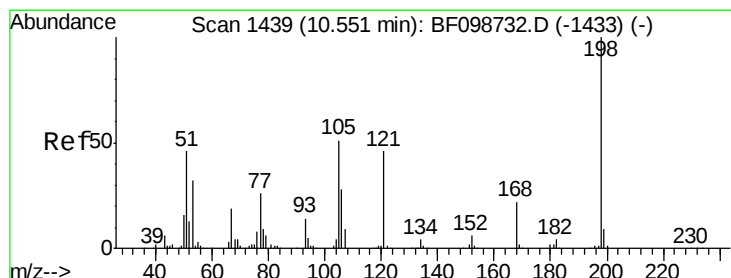
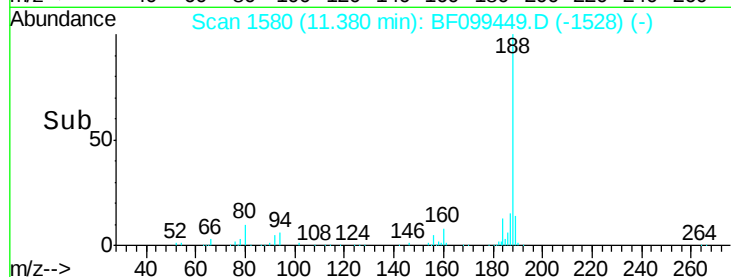
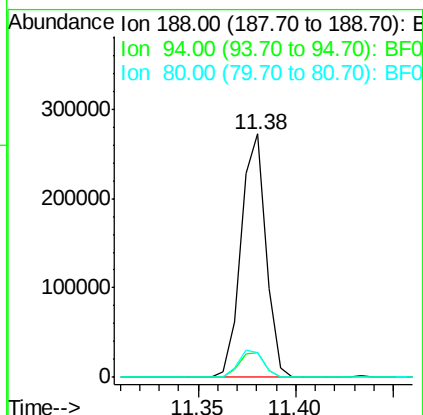
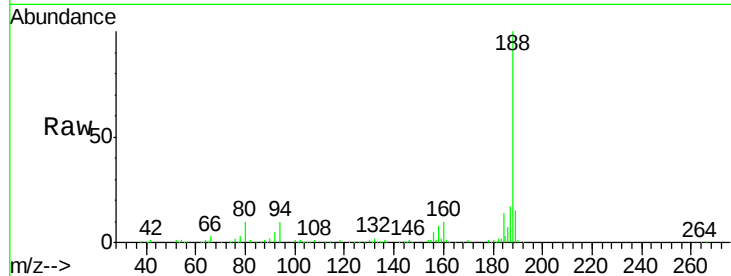
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	240702		
94	10.1		8.5	12.7
80	10.4		9.2	13.8

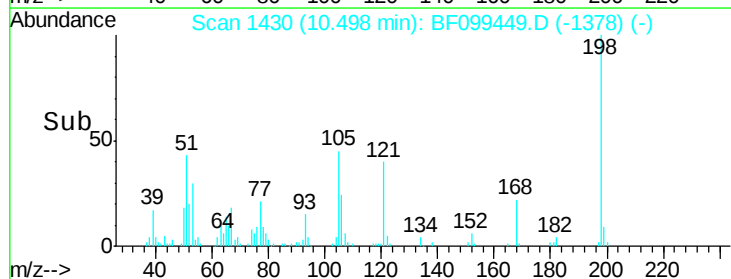
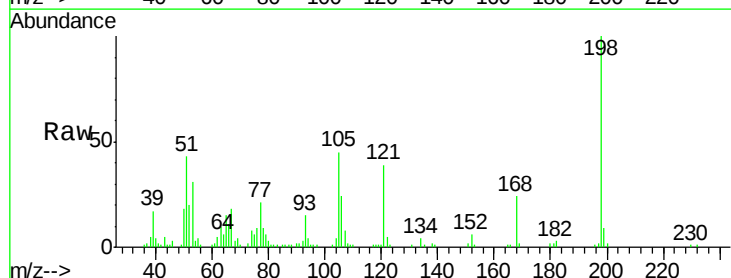
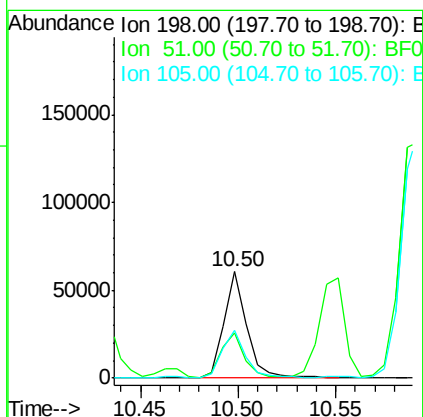
Manual Integrations
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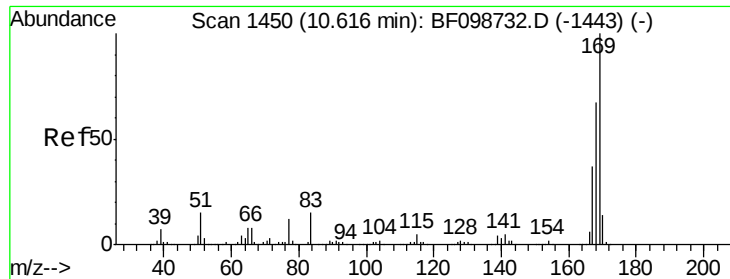
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.85 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	49573		
51	42.8		37.7	77.7
105	44.9		36.3	76.3





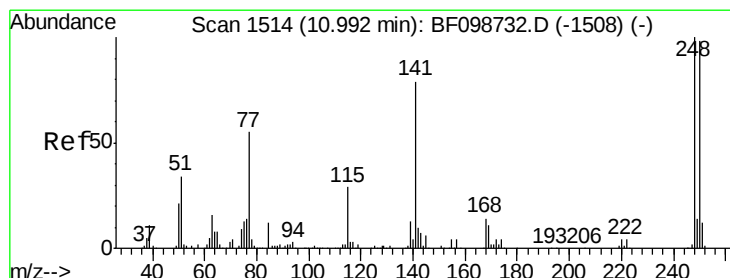
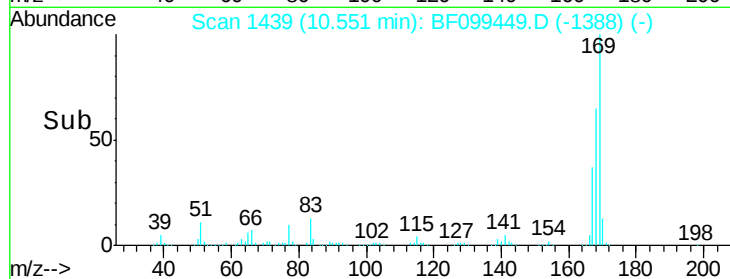
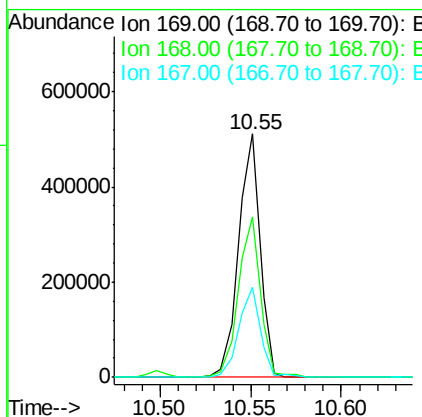
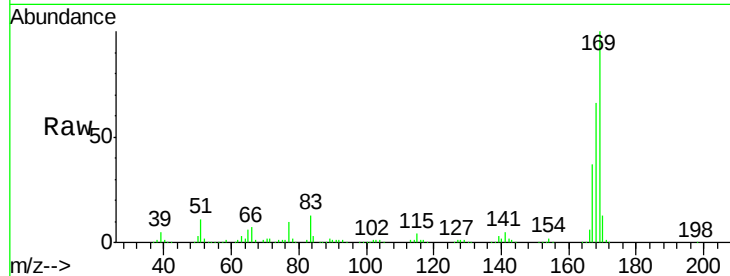
#65
n-Nitrosodiphenylamine
Concen: 50.96 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	424910		
168	65.6	54.4	81.6	
167	36.8	29.8	44.6	

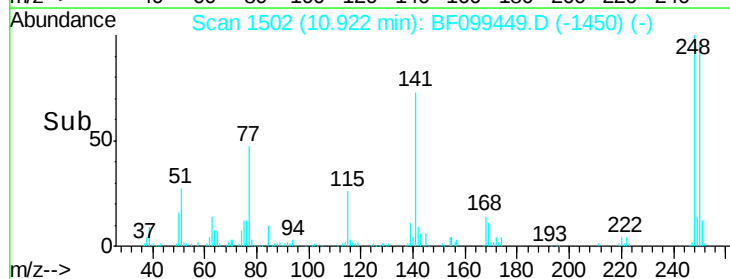
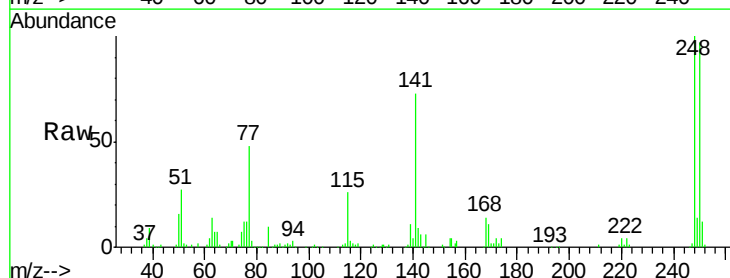
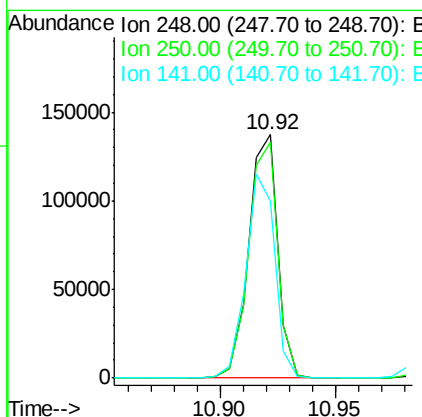
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 51.12 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120444		
250	96.6	76.9	115.3	
141	72.5	74.4	111.6	





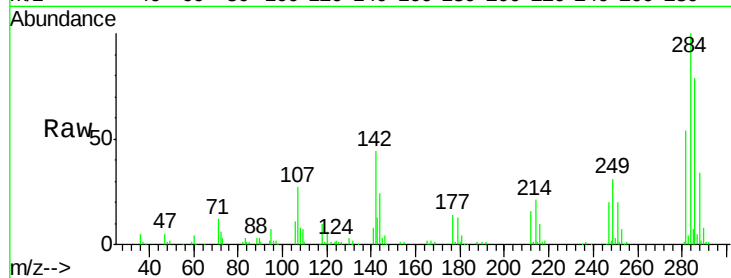
#67
Hexachlorobenzene
Concen: 45.37 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

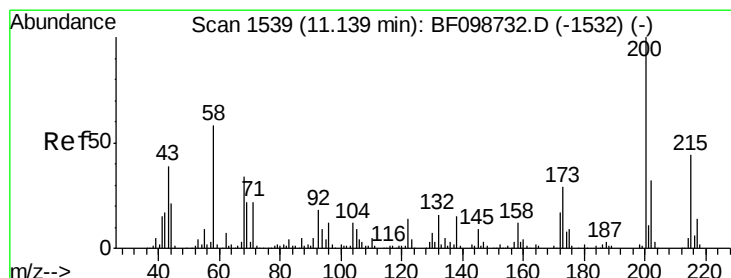
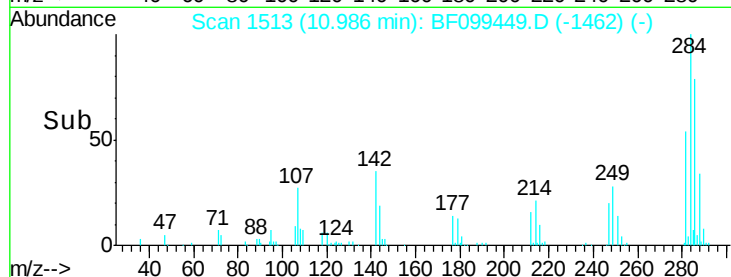
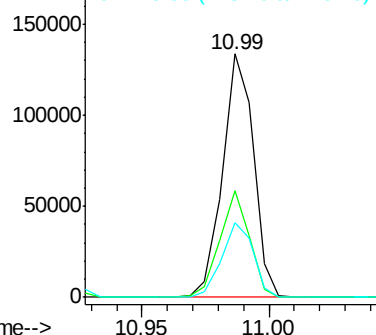
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	114169		
142	43.7	34.6	52.0	
249	30.6	24.8	37.2	

Manual Integrations
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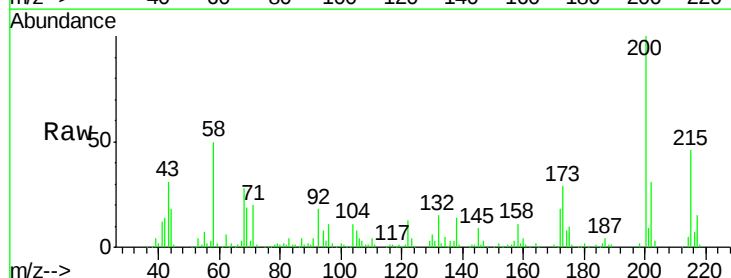


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

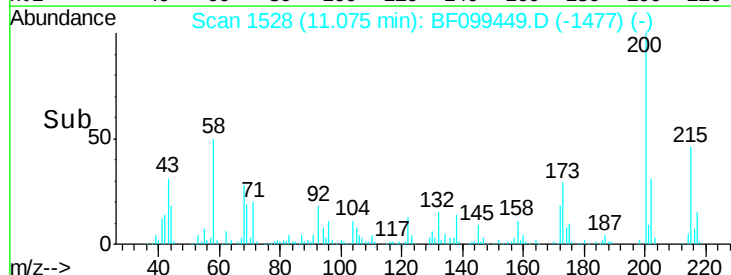
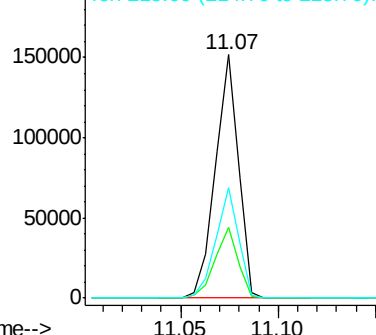


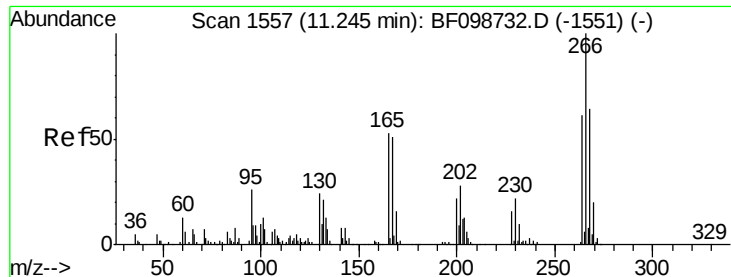
#68
Atrazine
Concen: 49.81 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	124957		
173	29.1	8.6	48.6	
215	45.5	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





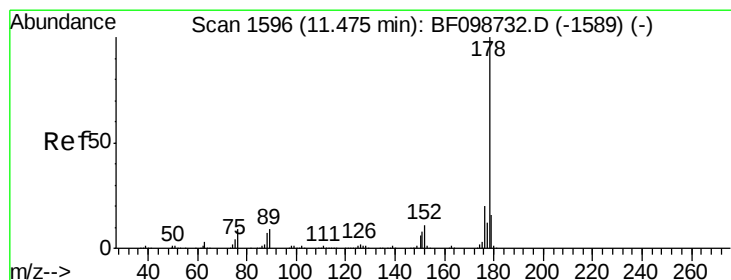
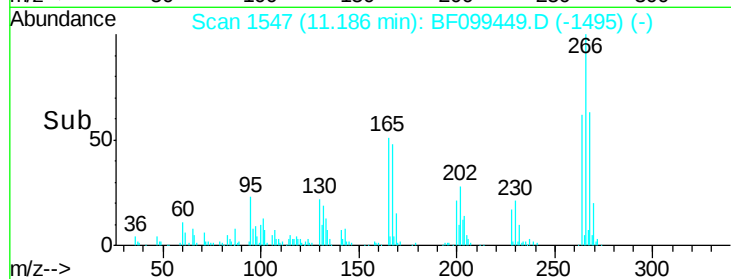
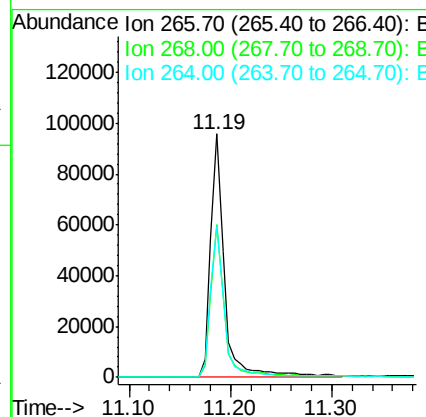
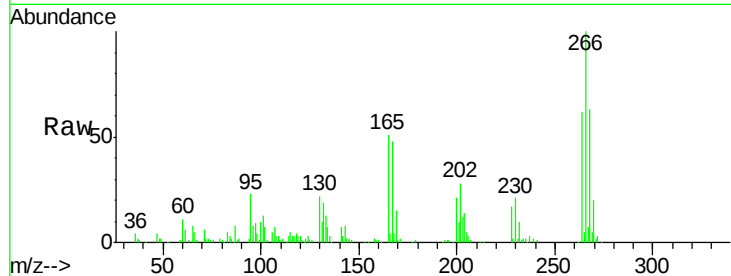
#69
 Pentachlorophenol
 Concen: 58.51 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	62.0	49.5	74.3

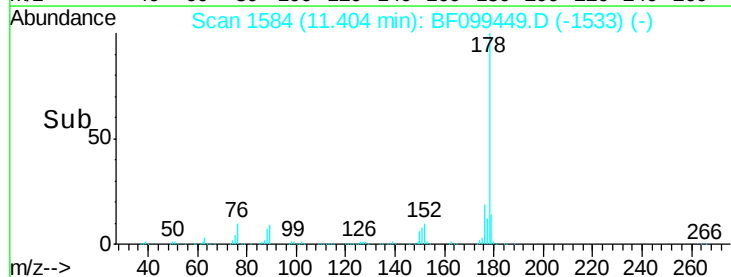
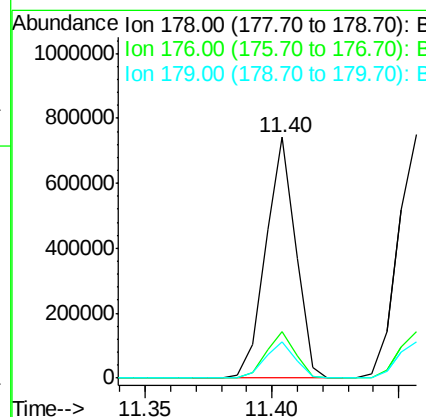
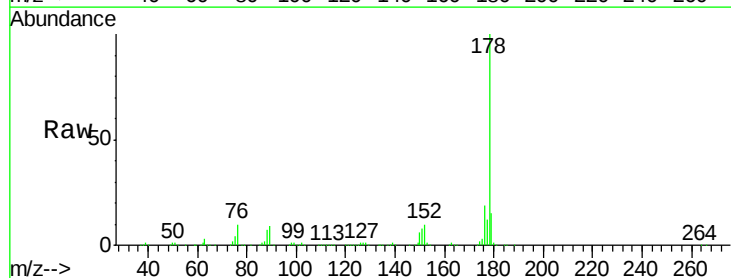
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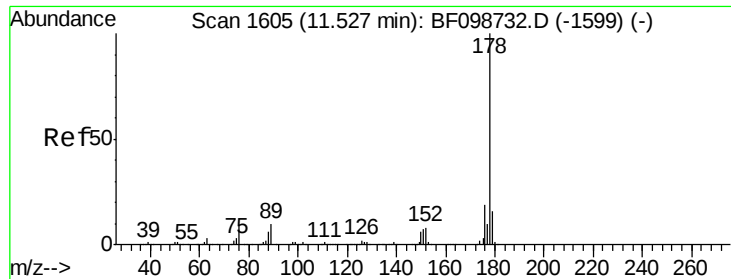
Sohil
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#70
 Phenanthrene
 Concen: 47.24 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.1	13.0	19.6





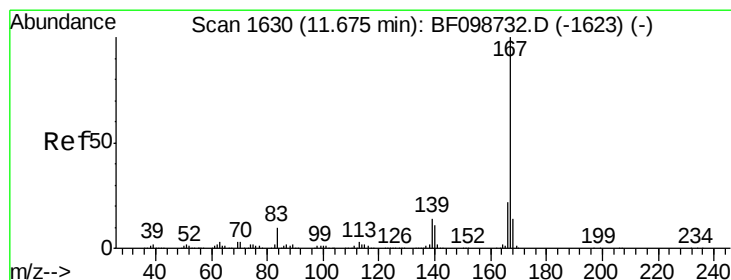
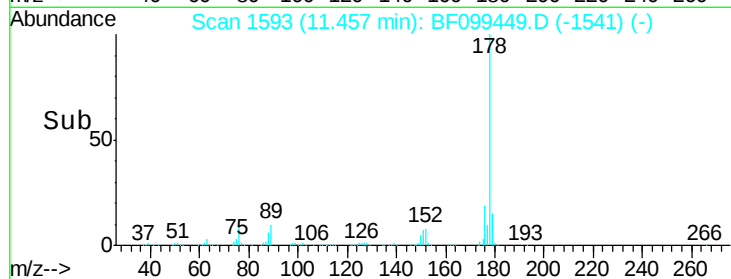
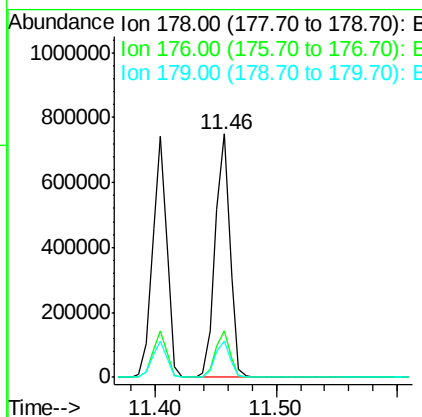
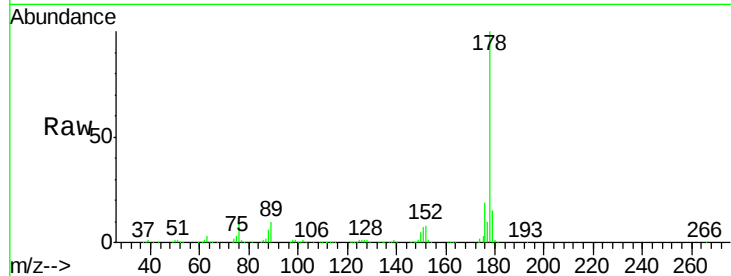
#71
 Anthracene
 Concen: 47.40 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.9	12.6	19.0

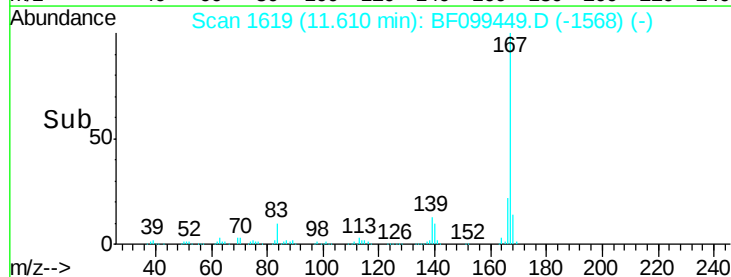
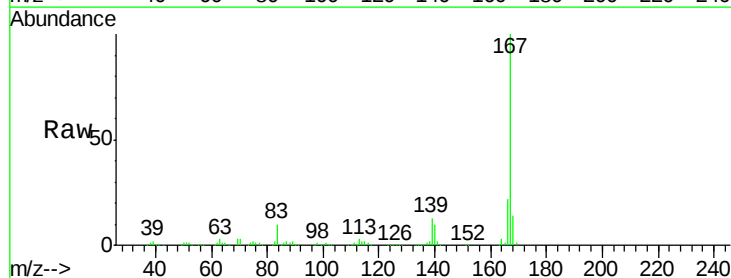
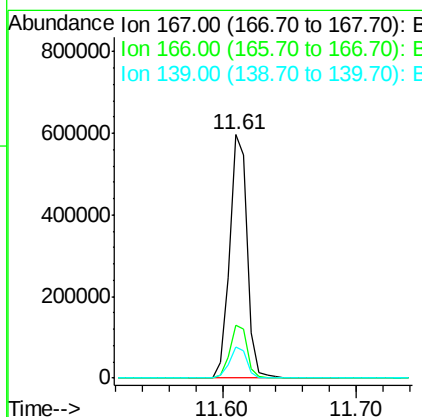
Manual Integrations
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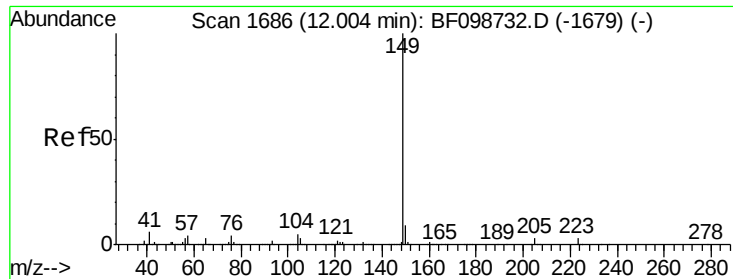
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#72
 Carbazole
 Concen: 43.12 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	13.0	10.9	16.3





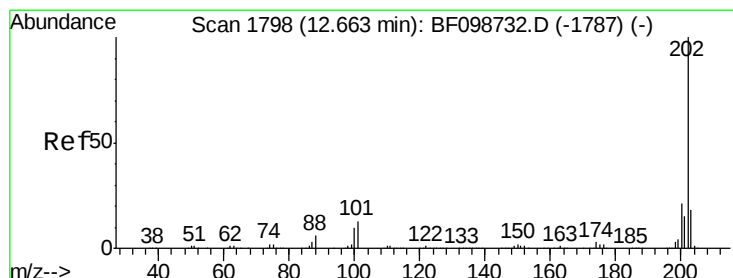
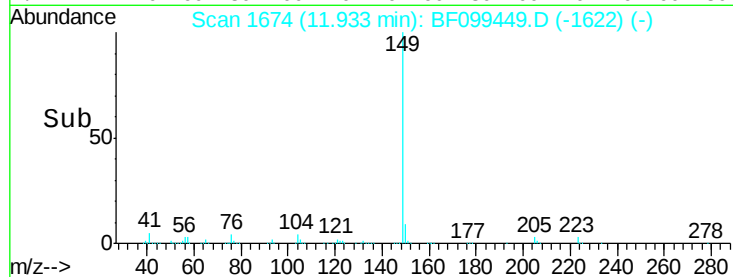
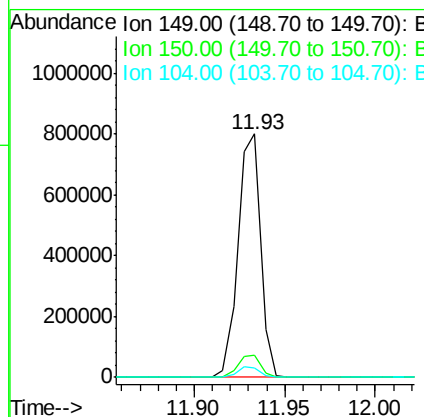
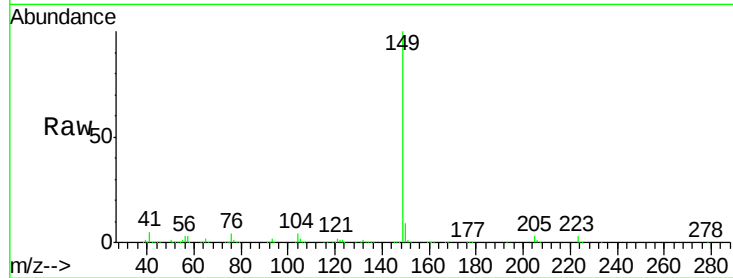
#73
Di-n-butylphthalate
Concen: 44.69 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694371		
150	9.0	7.8	11.6	
104	3.9	3.8	5.8	

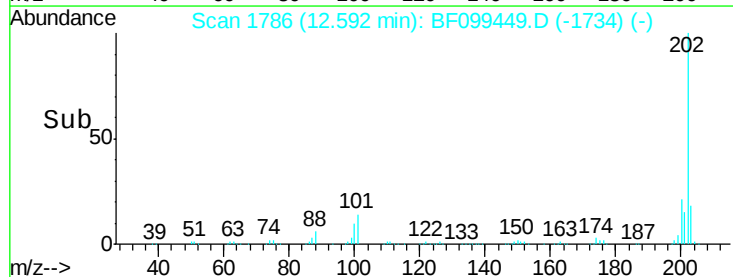
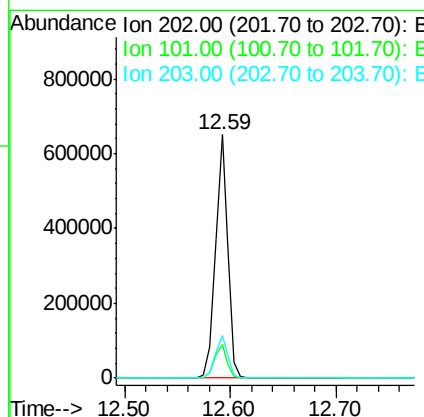
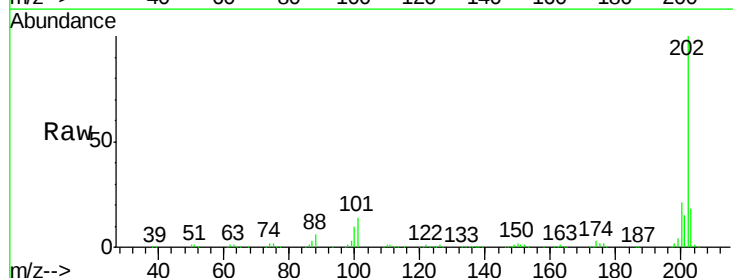
Manual Integrations
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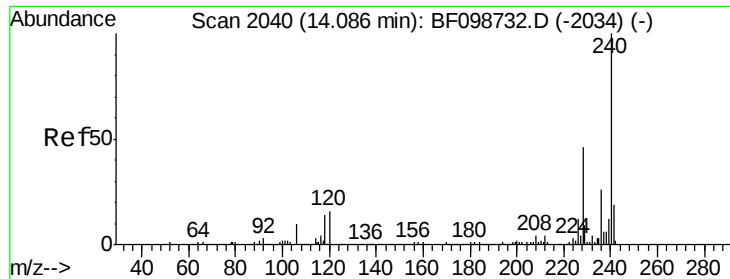
Sohil
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#74
Fluoranthene
Concen: 41.47 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	541017		
101	13.7	0.0	34.1	
203	17.6	0.0	38.1	





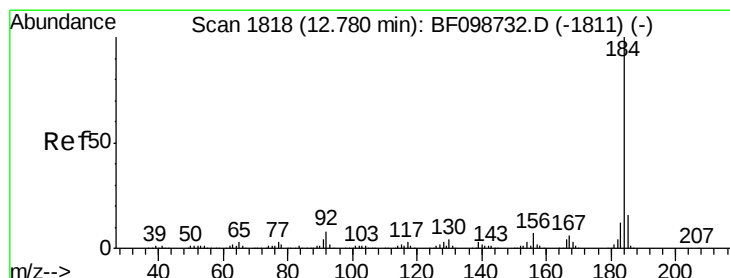
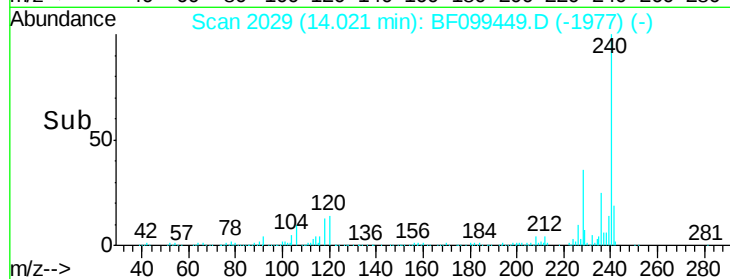
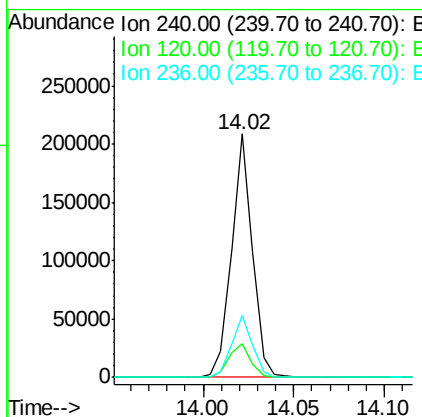
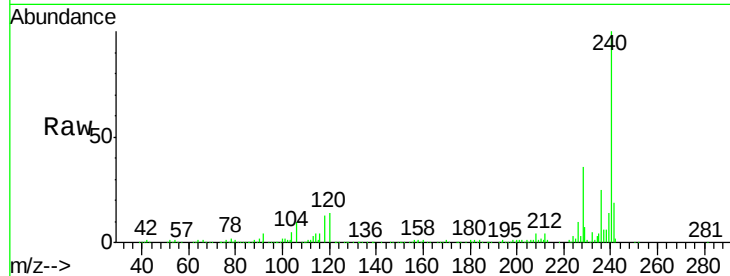
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	167191		
120	14.1	9.5	14.3	
236	25.5	20.7	31.1	

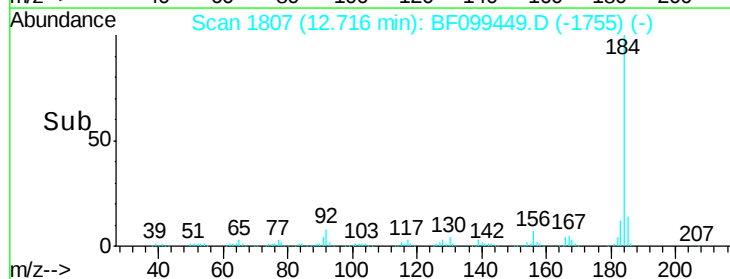
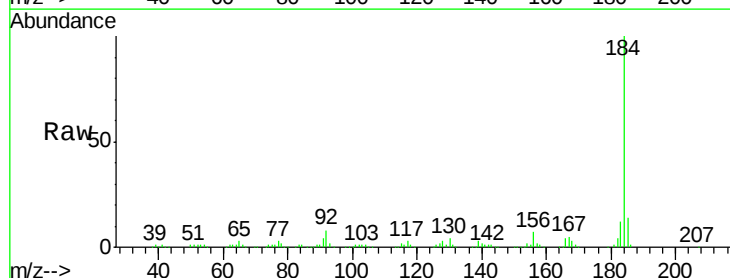
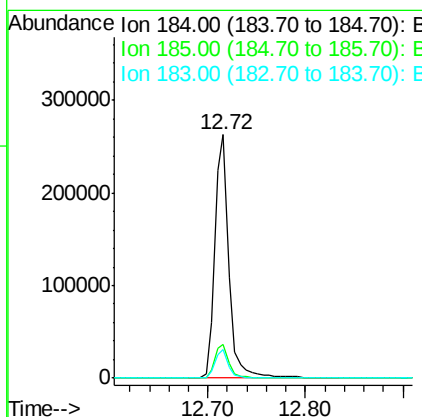
Manual Integrations
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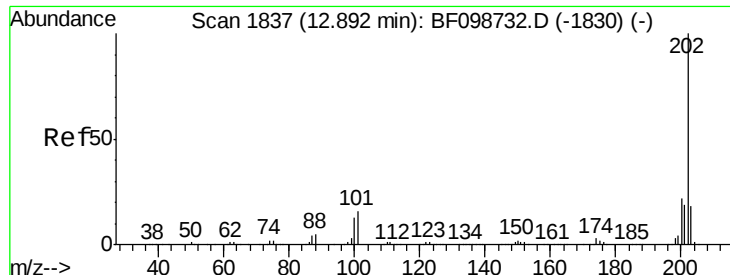
Sohil
10/15/2017 12:39:59 PM



#76
Benzidine
Concen: 42.36 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	261928		
185	13.9	12.6	18.8	
183	11.8	9.3	13.9	





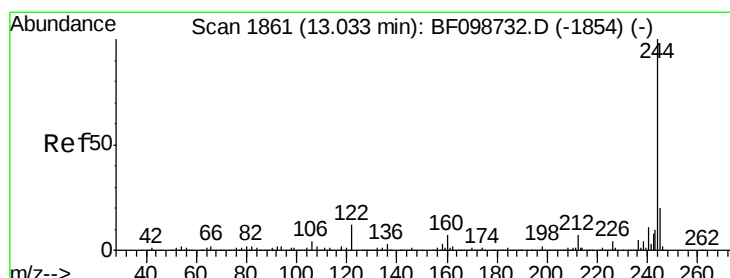
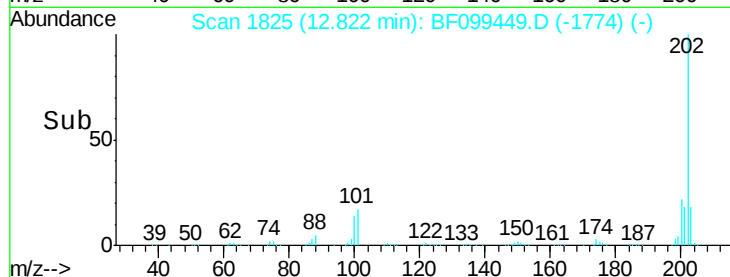
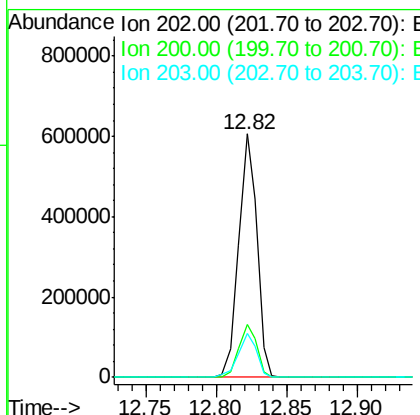
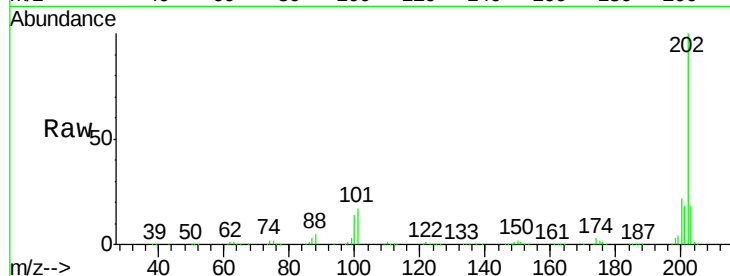
#77
 Pyrene
 Concen: 42.76 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

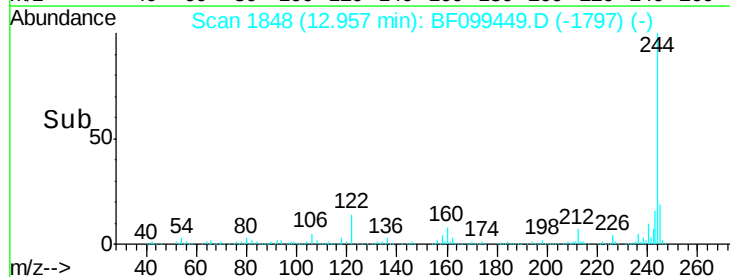
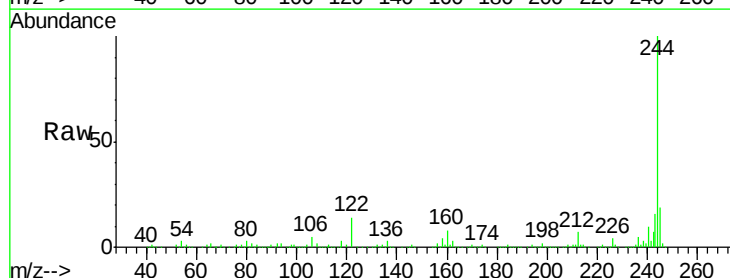
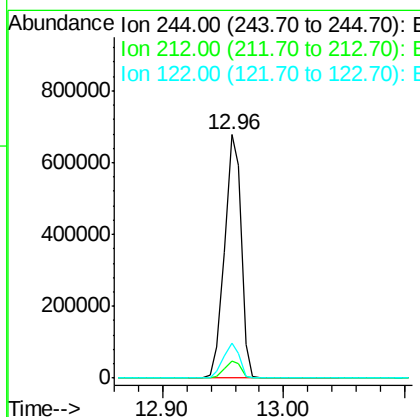
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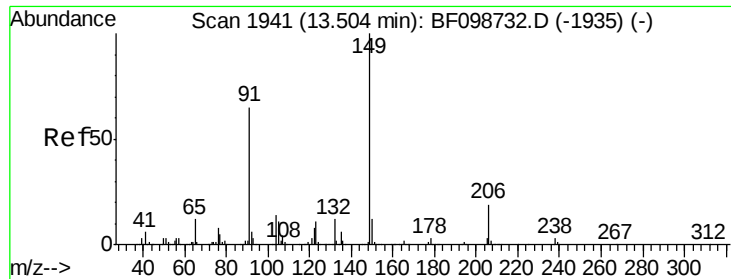
Sohil
 10/15/2017 12:39:59 PM



#78
 Terphenyl-d14
 Concen: 87.38 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.4	8.0
122	14.4	11.0	16.4





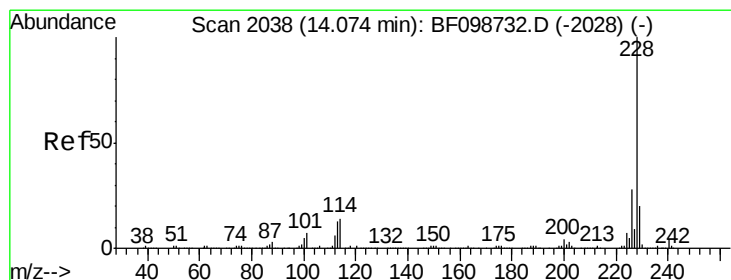
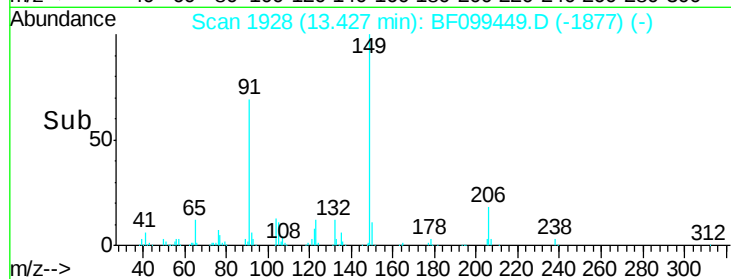
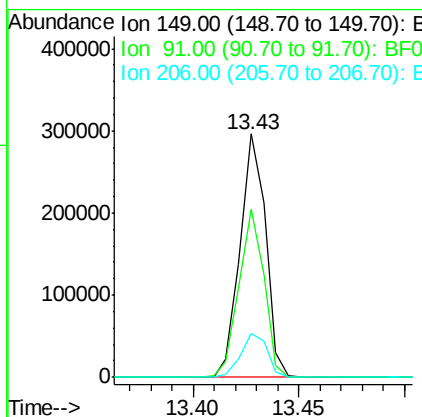
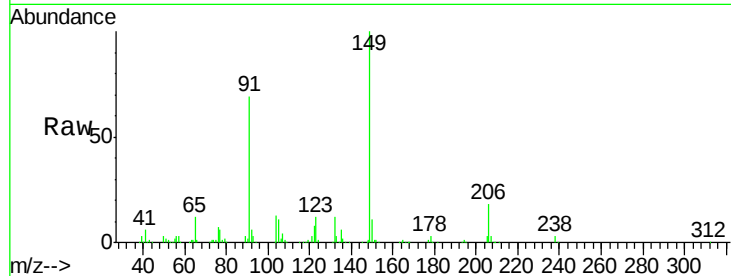
#79
Butylbenzylphthalate
Concen: 41.38 ng
RT: 13.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	247958		
91	68.9	56.8	85.2	
206	18.1	14.1	21.1	

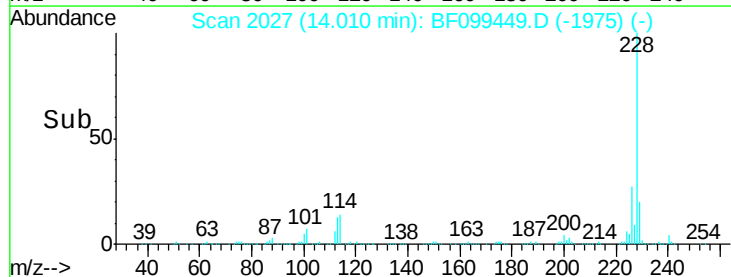
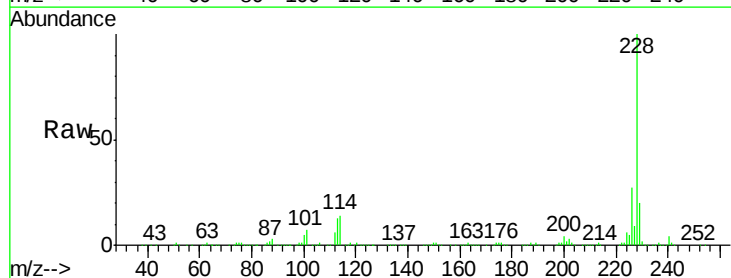
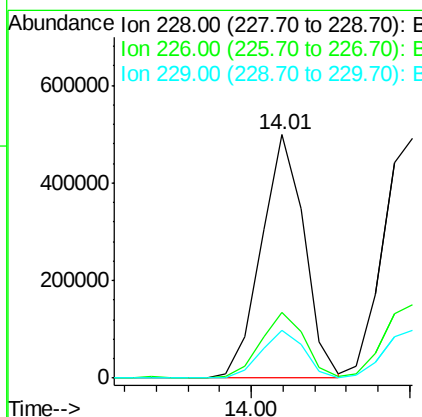
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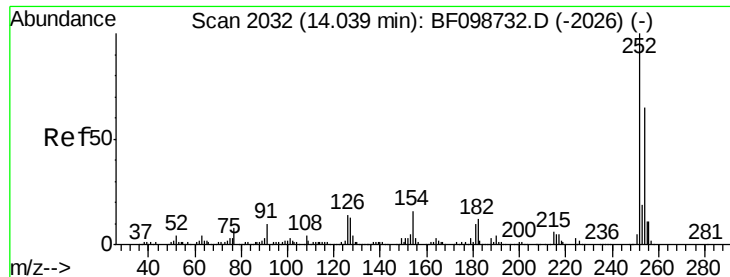
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#80
Benzo(a)anthracene
Concen: 46.42 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	469913		
226	27.2	22.6	33.8	
229	19.6	15.8	23.6	





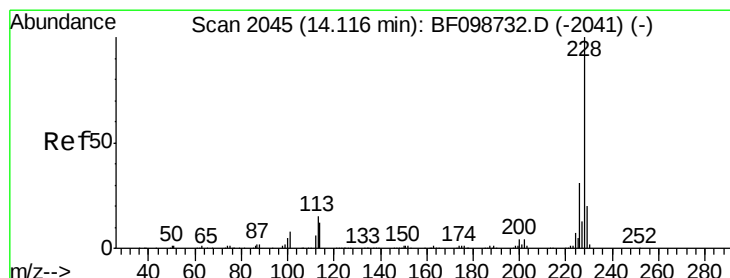
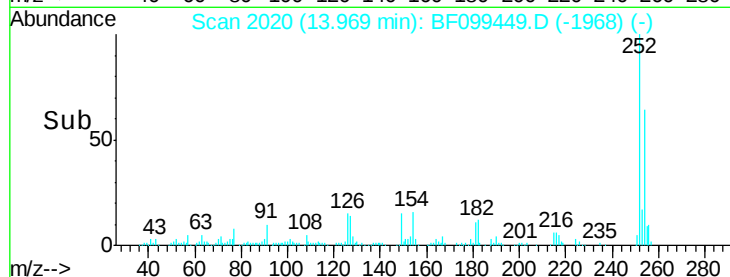
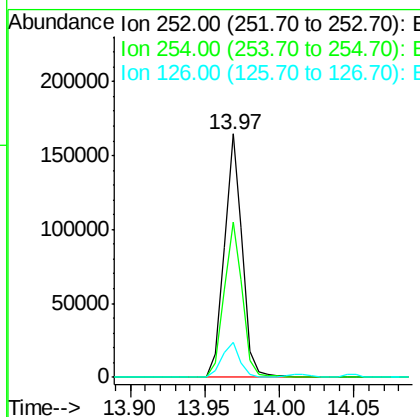
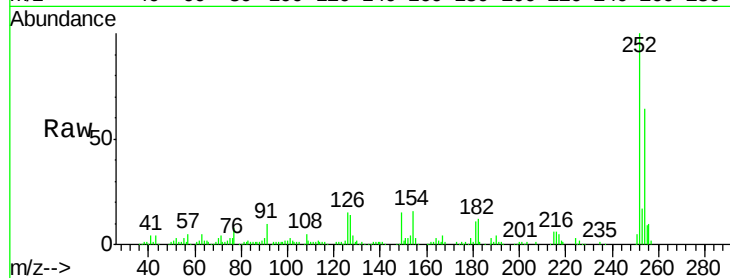
#81
 3,3'-Dichlorobenzidine
 Concen: 37.86 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.9	50.4	75.6
126	14.6	11.3	16.9

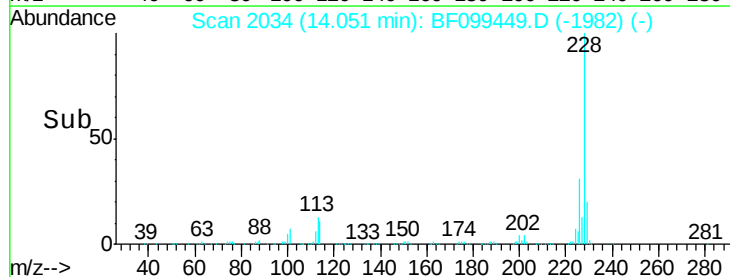
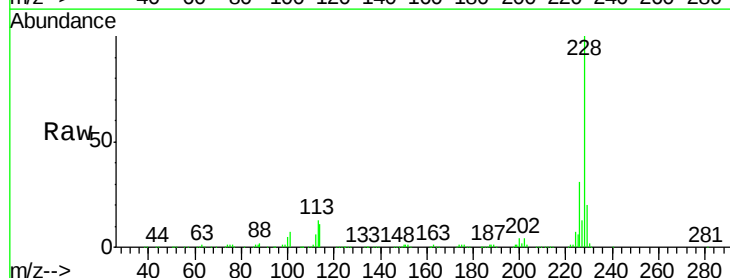
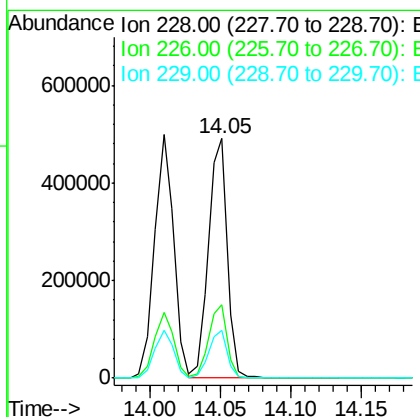
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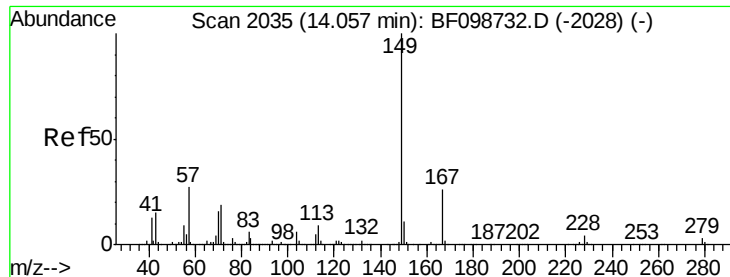
Sohil
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#82
 Chrysene
 Concen: 46.89 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.41 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

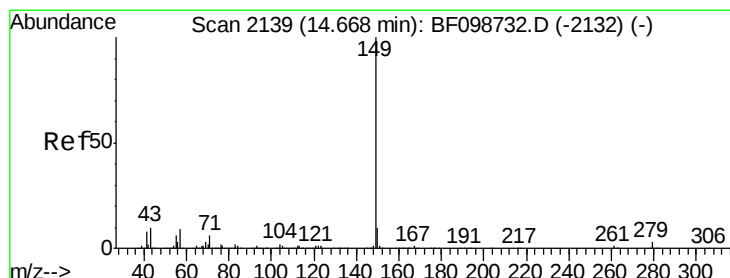
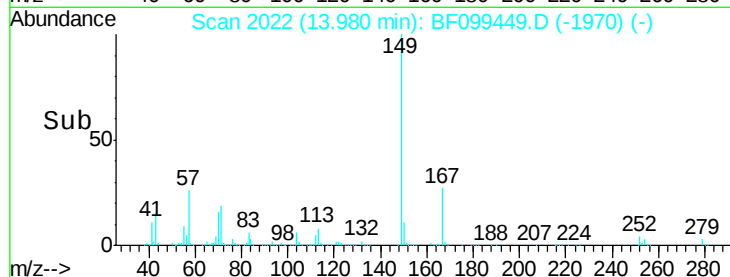
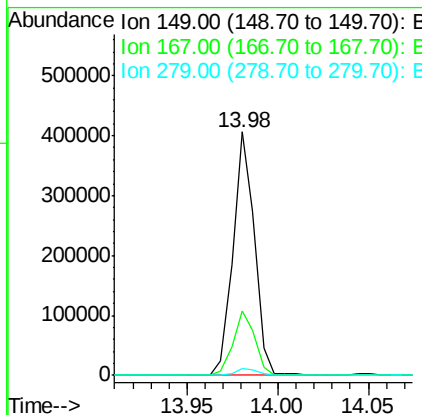
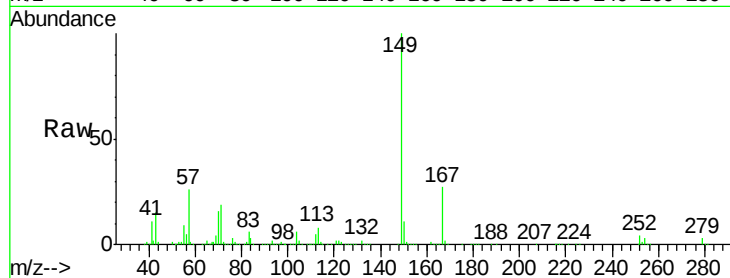
ClientSampleId :

PB103199BSD

Tgt Ion:	149	Resp:	333416
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.3	31.9
279	2.6	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 45.69 ng

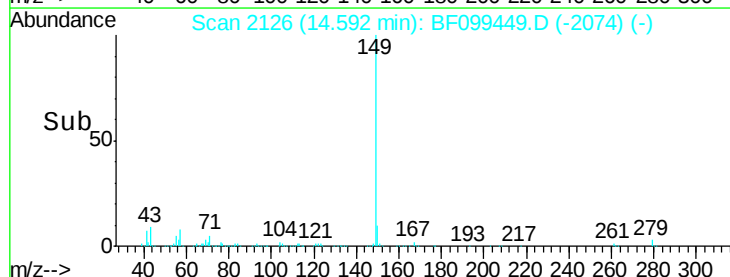
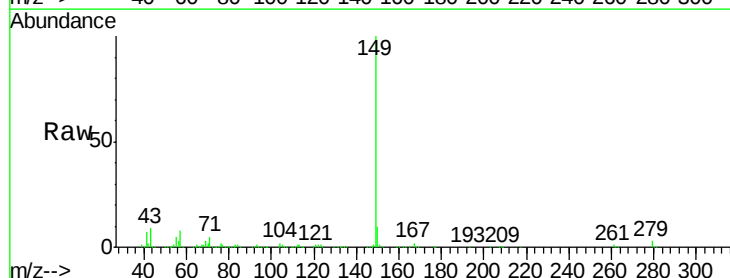
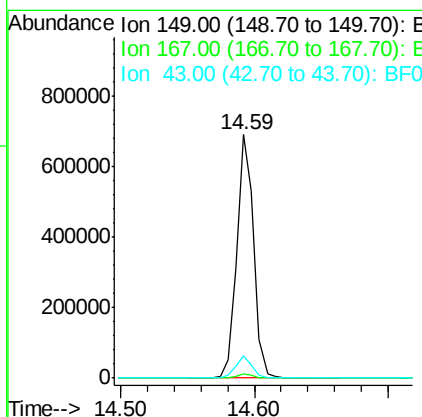
RT: 14.59 min Scan# 2126

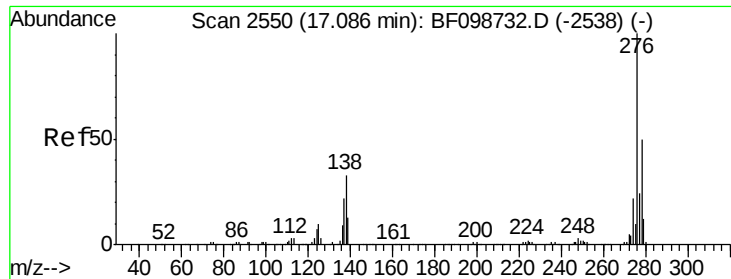
Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	149	Resp:	606923
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 67.89 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Instrument :

BNA_F

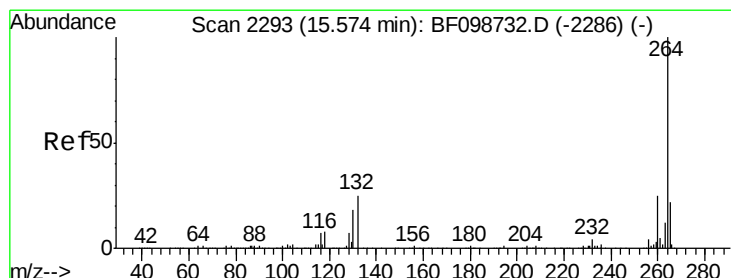
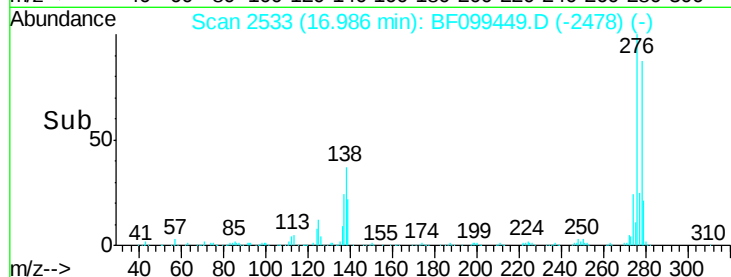
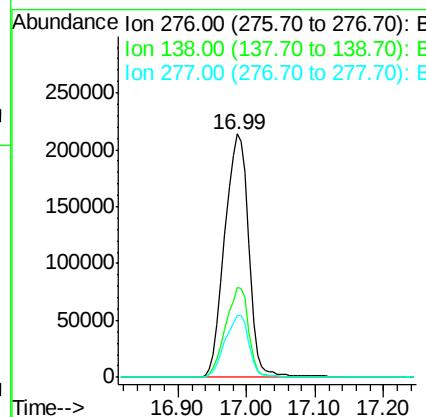
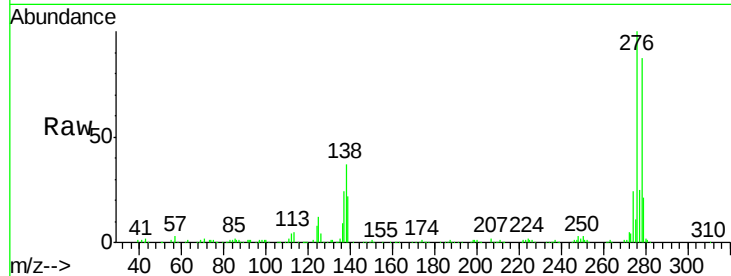
ClientSampleId :

PB103199BSD

Tgt Ion:	276	Resp:	523423
Ion Ratio	Lower	Upper	
276	100		
138	35.5	25.0	37.6
277	25.4	20.1	30.1

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#86

Perylene-d12

Concen: 20.00 ng

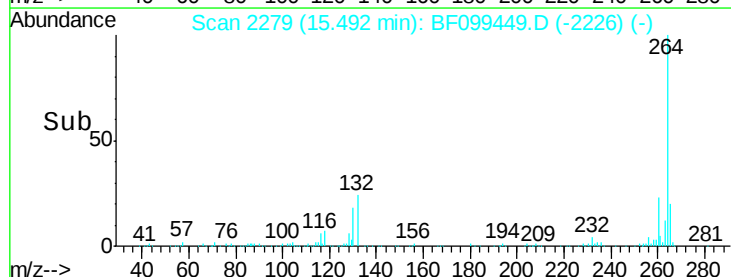
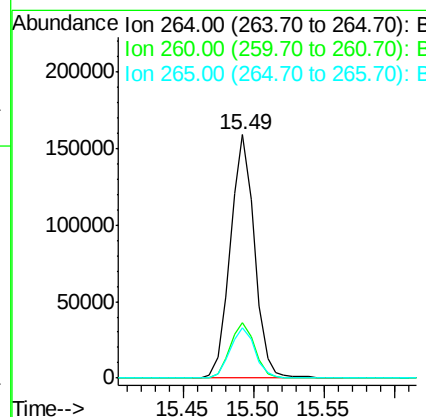
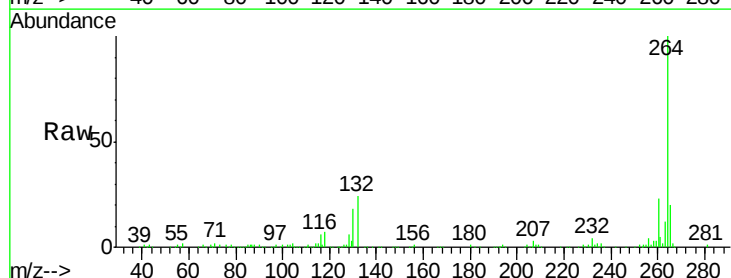
RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099449.D

Acq: 13 Oct 2017 19:44

Tgt Ion:	264	Resp:	189079
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	20.5	17.5	26.3





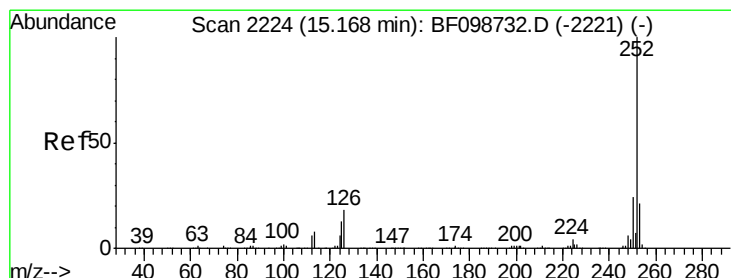
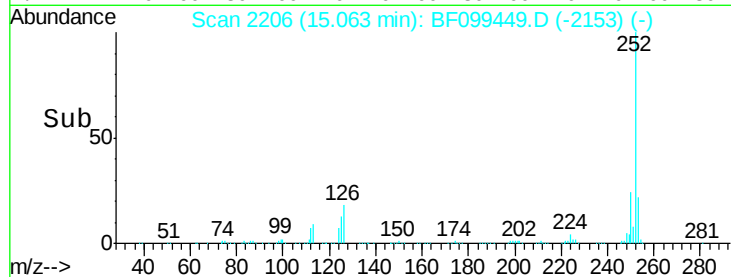
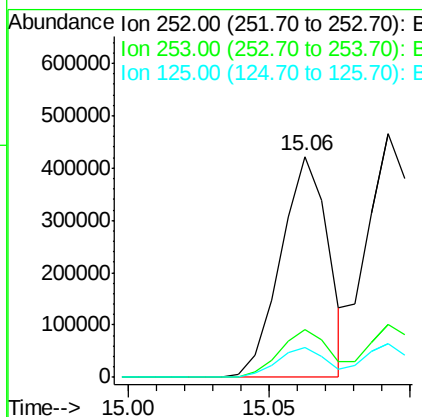
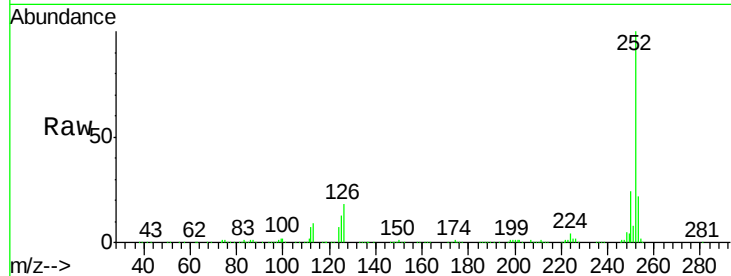
#87
Benzo(b)fluoranthene
Concen: 42.34 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampleId :
PB103199BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.4	9.0	13.6

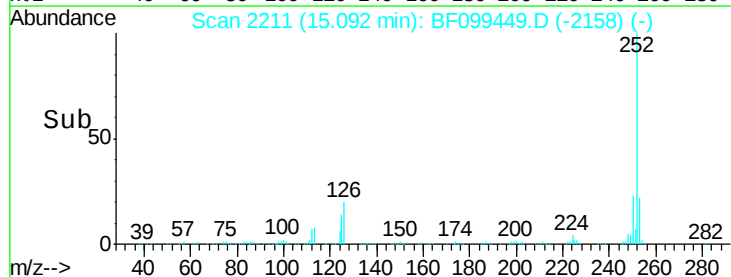
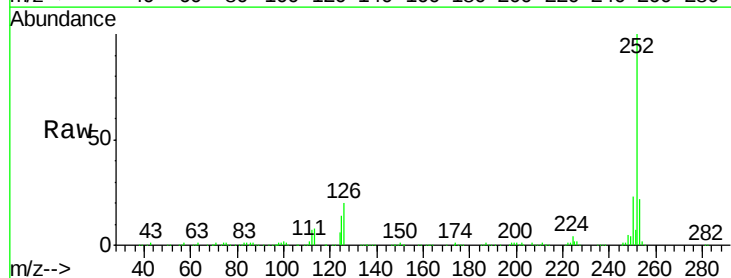
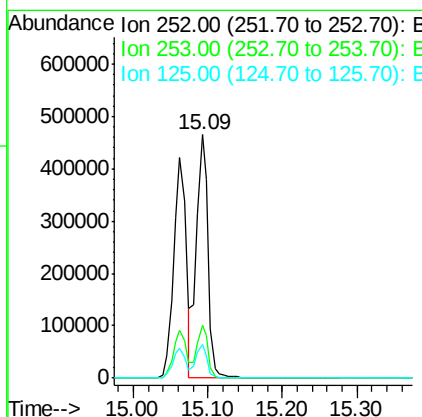
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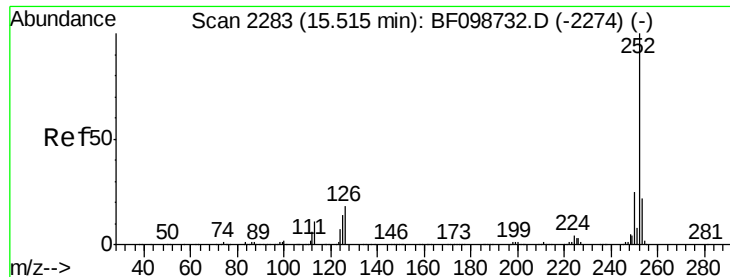
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.50 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.7	10.2	15.2





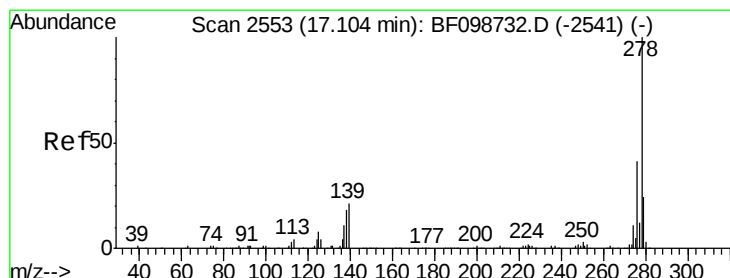
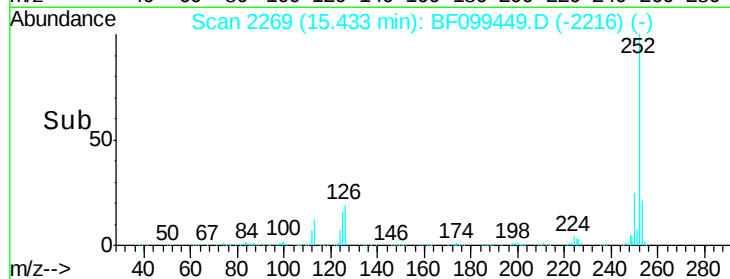
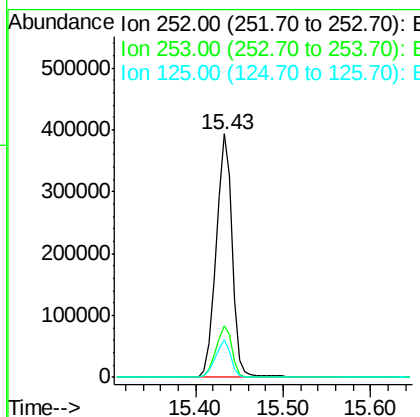
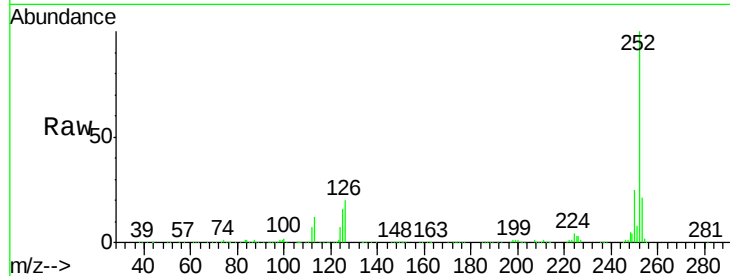
#89
Benzo(a)pyrene
Concen: 47.08 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Instrument :
BNA_F
ClientSampled :
PB103199BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.7	9.8	14.6

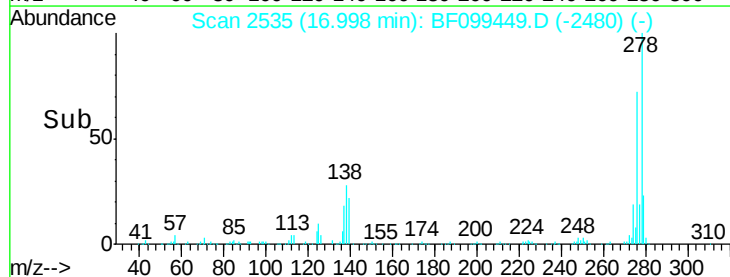
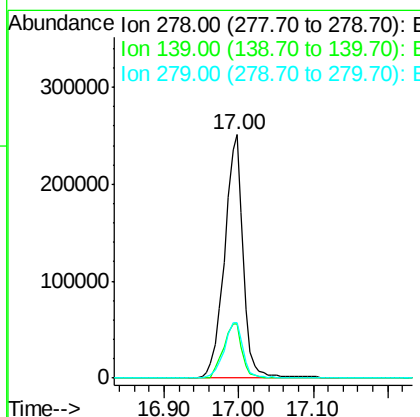
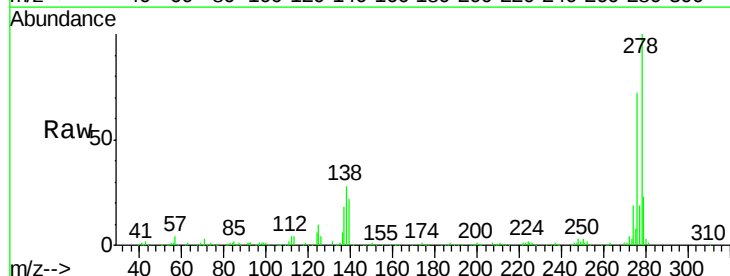
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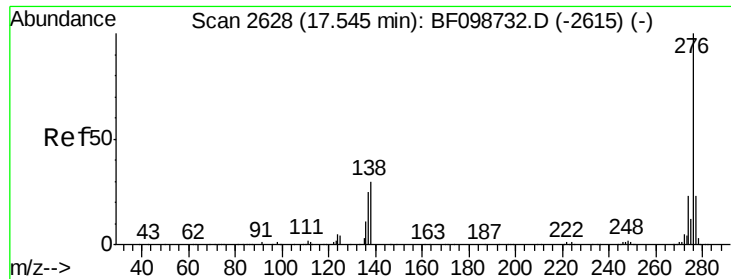
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 51.27 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF099449.D
Acq: 13 Oct 2017 19:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.9	23.9
279	22.6	19.0	28.4





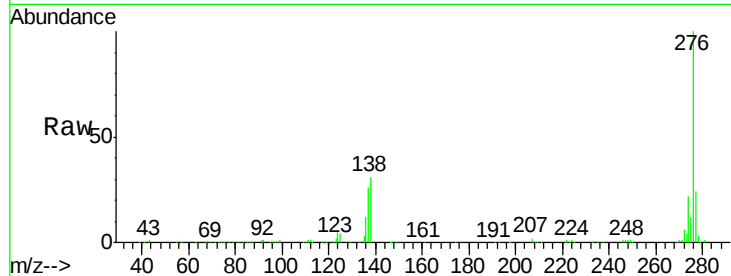
#91
 Benzo(g,h,i)perylene
 Concen: 51.57 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099449.D
 Acq: 13 Oct 2017 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB103199BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	31.0	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

