

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
 Data File : BF099479.D
 Acq On : 14 Oct 2017 16:19
 Operator : SJ/JU
 Sample : PB103277BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:41:21 PM

Quant Time: Oct 15 00:01:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	99633	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	410977	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	185272	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	334738	20.00	ng	0.00
75) Chrysene-d12	14.02	240	216939	20.00	ng	0.00
86) Perylene-d12	15.49	264	163342	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	752486	120.23	ng	0.02
7) Phenol-d6	6.50	99	907793	117.58	ng	0.00
23) Nitrobenzene-d5	7.42	82	544962	85.04	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	190445	125.62	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1044347	94.10	ng	0.00
78) Terphenyl-d14	12.96	244	894708	93.79	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	109370	36.58	ng 95
3) Pyridine	3.49	79	297579	36.79	ng 93
4) n-Nitrosodimethylamine	3.45	42	124965	36.44	ng 83
6) Aniline	6.52	93	166841	16.01	ng 99
8) 2-Chlorophenol	6.65	128	297969	42.04	ng 93
9) Benzaldehyde	6.41	77	101340	22.63	ng 91
10) Phenol	6.51	94	354324	41.03	ng 96
11) bis(2-Chloroethyl)ether	6.59	93	272982	40.67	ng 97
12) 1,3-Dichlorobenzene	6.79	146	316761	42.67	ng 98
13) 1,4-Dichlorobenzene	6.87	146	320113	42.39	ng 100
14) 1,2-Dichlorobenzene	7.02	146	296354	42.47	ng 98
15) Benzyl Alcohol	7.00	79	223503	39.46	ng 98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	384215	36.74	ng 78
17) 2-Methylphenol	7.11	107	246486	42.50	ng 99
18) Hexachloroethane	7.36	117	111765	41.17	ng 96
19) n-Nitroso-di-n-propylamine	7.27	70	184276	37.38	ng 92
20) 3+4-Methylphenols	7.26	107	297457	40.54	ng # 66
22) Acetophenone	7.26	105	388334	39.00	ng 97
24) Nitrobenzene	7.44	77	295045	40.59	ng 96
25) Isophorone	7.67	82	544765	41.12	ng 98
26) 2-Nitrophenol	7.76	139	167302	47.86	ng # 86
27) 2,4-Dimethylphenol	7.79	122	268781	40.71	ng 97
28) bis(2-Chloroethoxy)methane	7.88	93	353822	42.85	ng 100
29) 2,4-Dichlorophenol	8.00	162	251663	44.40	ng 97
30) 1,2,4-Trichlorobenzene	8.07	180	251419	44.35	ng 100
31) Naphthalene	8.16	128	848244	43.95	ng 100
32) Benzoic acid	7.92	122	124898	23.03	ng 98
33) 4-Chloroaniline	8.21	127	55076	6.83	ng 97
34) Hexachlorobutadiene	8.27	225	125138	42.86	ng 98
35) Caprolactam	8.59	113	83358m	45.85	ng
36) 4-Chloro-3-methylphenol	8.70	107	261495	41.04	ng 97
37) 2-Methylnaphthalene	8.85	142	582208	46.40	ng 99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	231552	41.91	ng 99
40) Hexachlorocyclopentadiene	9.00	237	149887	59.36	ng 98

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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	155326	39.68	ng	98
43) 2,4,5-Trichlorophenol	9.17	196	165773	42.42	ng	97
45) 1,1'-Biphenyl	9.31	154	681215	42.78	ng	100
46) 2-Chloronaphthalene	9.34	162	532579	44.55	ng	98
47) 2-Nitroaniline	9.44	65	155068	42.36	ng	99
48) Acenaphthylene	9.76	152	811397	44.33	ng	99
49) Dimethylphthalate	9.62	163	630578	45.10	ng	99
50) 2,6-Dinitrotoluene	9.68	165	140387	46.12	ng	94
51) Acenaphthene	9.93	154	476084	41.07	ng	98
52) 3-Nitroaniline	9.85	138	54338	15.31	ng	93
53) 2,4-Dinitrophenol	9.97	184	68682	46.01	ng	88
54) Dibenzofuran	10.10	168	705263	45.69	ng	100
55) 4-Nitrophenol	10.03	139	161051	53.66	ng	87
56) 2,4-Dinitrotoluene	10.09	165	174965	44.28	ng	95
57) Fluorene	10.44	166	559442	45.09	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118470	43.89	ng	97
59) Diethylphthalate	10.31	149	596785	43.68	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	252642	45.33	ng	100
61) 4-Nitroaniline	10.47	138	153729	44.89	ng	86
62) Azobenzene	10.59	77	556792	44.32	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	65660	32.24	ng	# 74
65) n-Nitrosodiphenylamine	10.55	169	509898	43.97	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	149216	45.54	ng	92
67) Hexachlorobenzene	10.99	284	148637	42.47	ng	93
68) Atrazine	11.08	200	159131	45.61	ng	99
69) Pentachlorophenol	11.19	266	114177	52.42	ng	99
70) Phenanthrene	11.41	178	800327	44.67	ng	99
71) Anthracene	11.46	178	840412	45.84	ng	99
72) Carbazole	11.62	167	771803	42.99	ng	99
73) Di-n-butylphthalate	11.93	149	944683	43.72	ng	99
74) Fluoranthene	12.60	202	822065	45.31	ng	97
76) Benzidine	12.72	184	208931	26.04	ng	98
77) Pyrene	12.83	202	824332	49.83	ng	99
79) Butylbenzylphthalate	13.43	149	377518	48.56	ng	93
80) Benzo(a)anthracene	14.02	228	611008	46.51	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	76697	15.93	ng	99
82) Chrysene	14.05	228	567967	45.41	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	495337	46.27	ng	99
84) Di-n-octyl phthalate	14.59	149	709082	41.14	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	471635	47.14	ng	96
87) Benzo(b)fluoranthene	15.06	252	478903	47.69	ng	98
88) Benzo(k)fluoranthene	15.09	252	429357	43.28	ng	99
89) Benzo(a)pyrene	15.43	252	430549	46.70	ng	# 97
90) Dibenzo(a,h)anthracene	16.99	278	389824	52.84	ng	96
91) Benzo(g,h,i)perylene	17.44	276	414346	56.82	ng	96

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

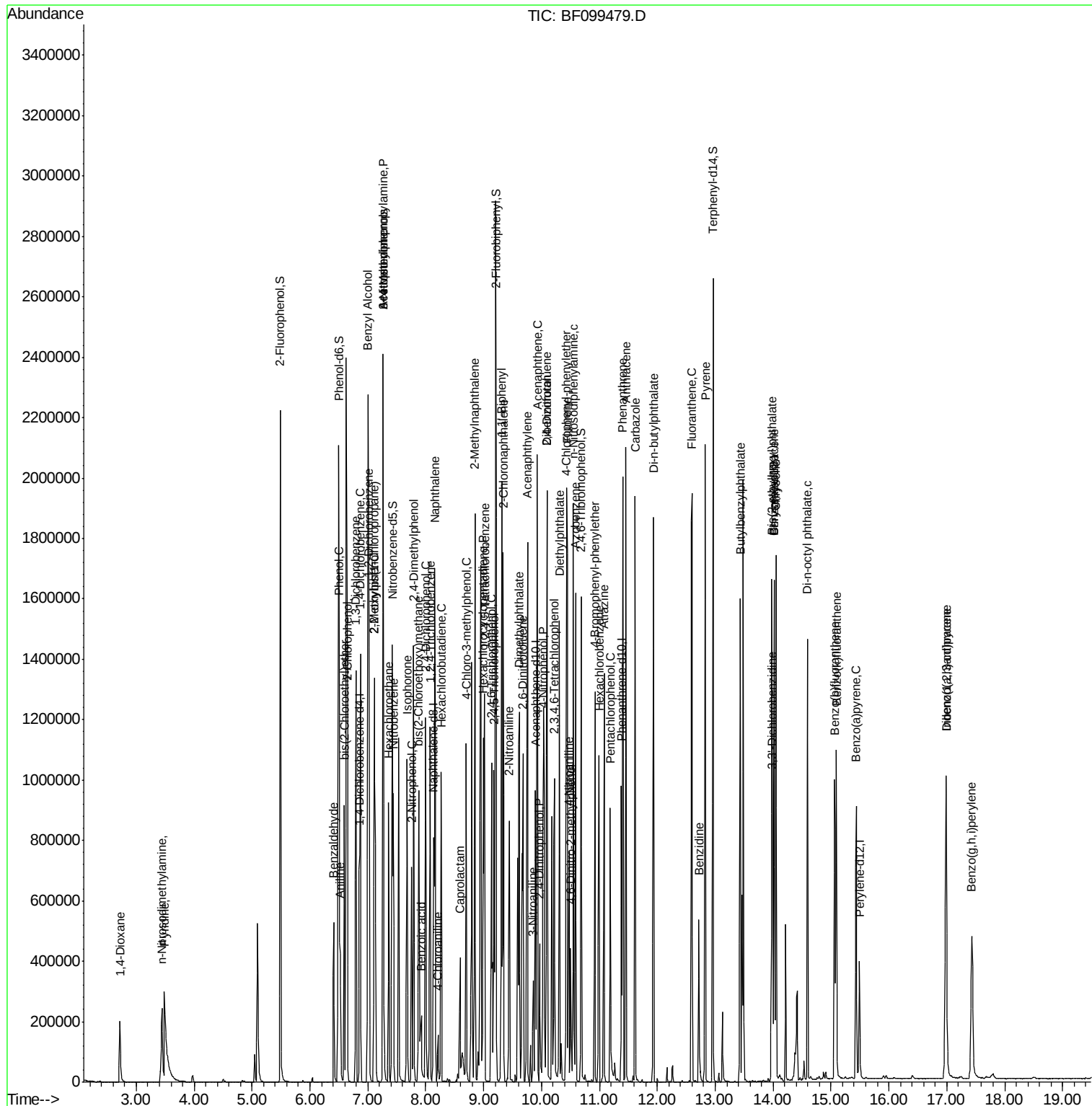
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
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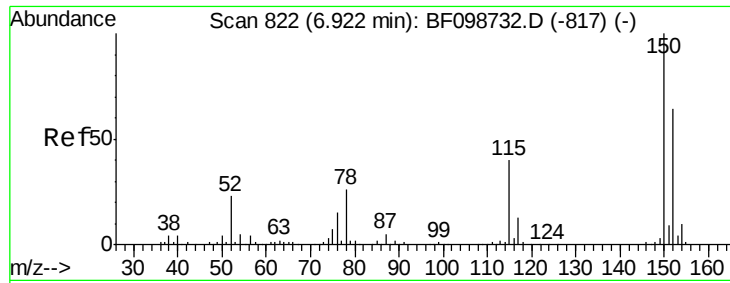
Instrument :
BNA_F
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#1

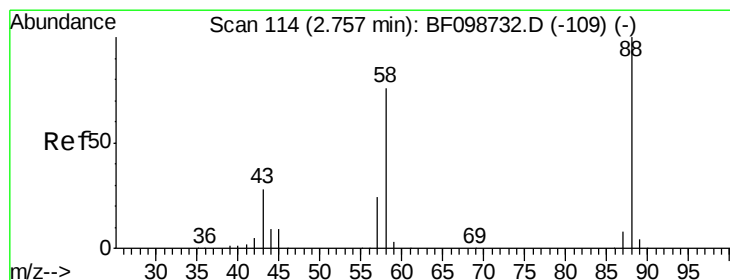
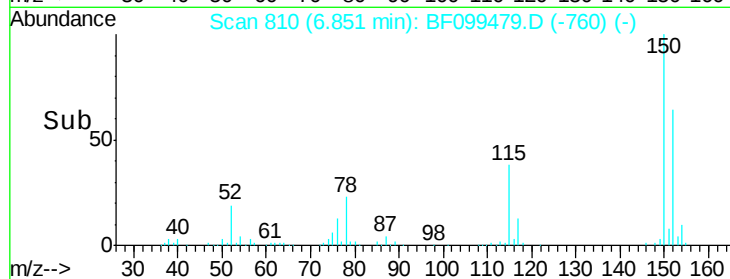
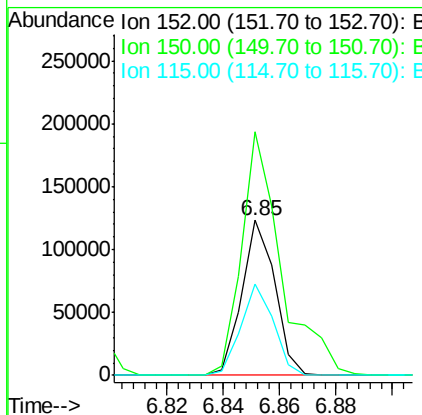
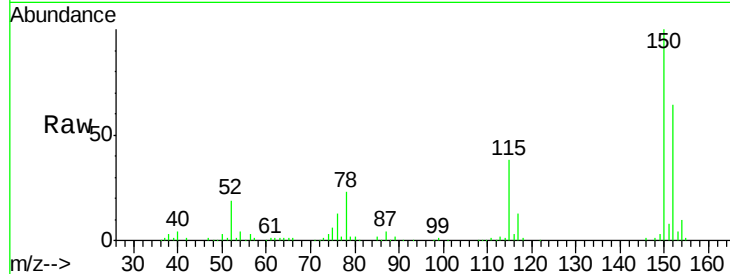
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampled :
PB103277BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
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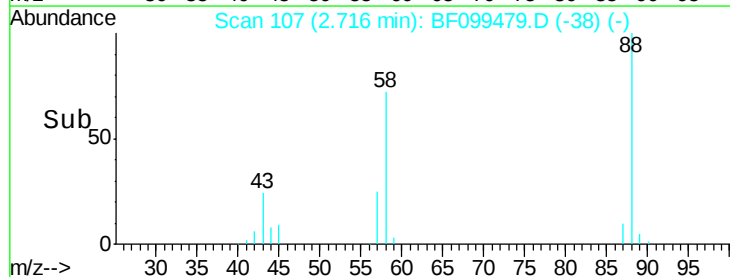
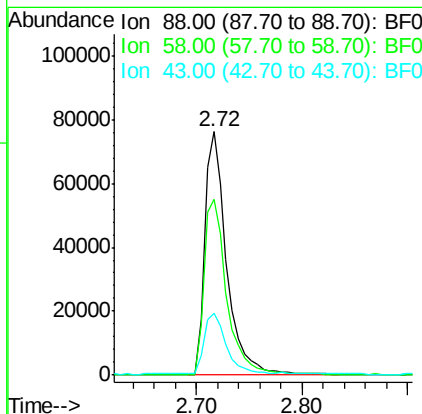
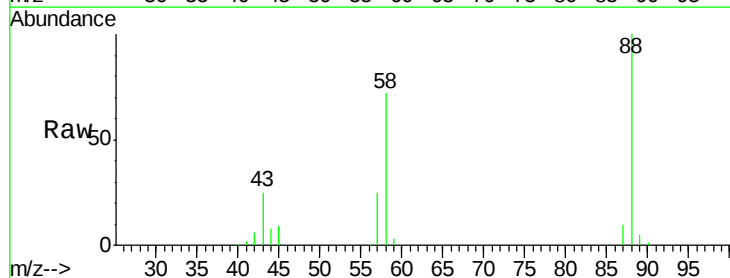
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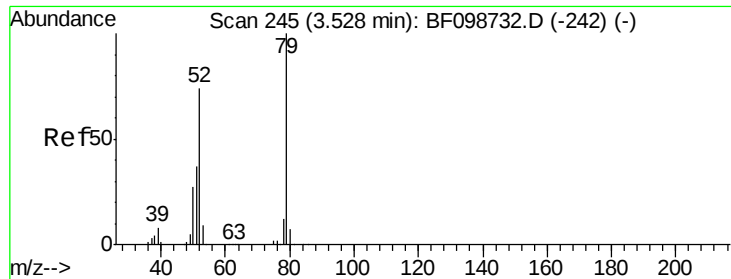


#2

1,4-Dioxane
Concen: 36.58 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.11 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	62.6	93.8
43	25.5	24.6	37.0





#3

Pyridine

Concen: 36.79 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

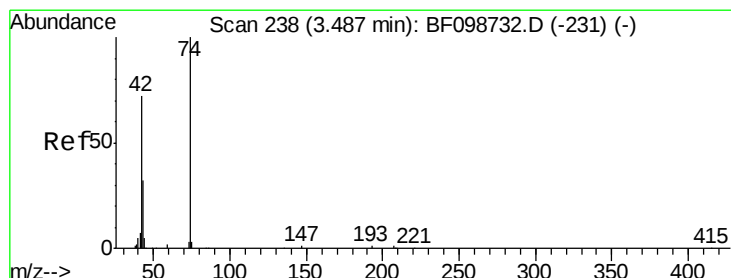
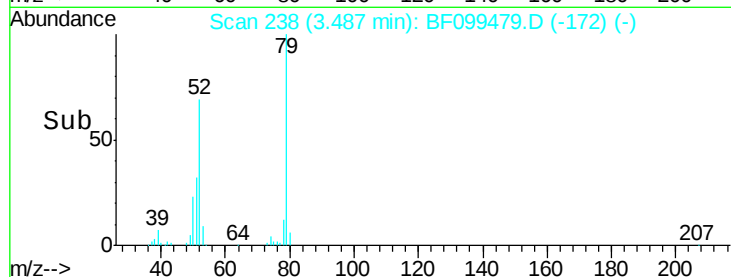
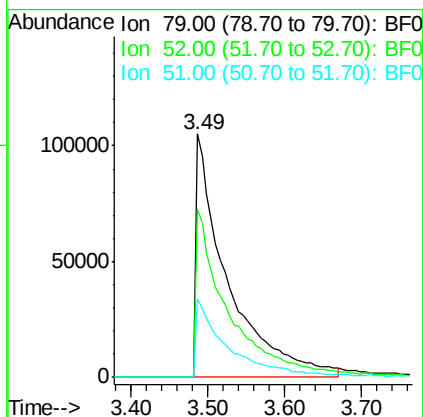
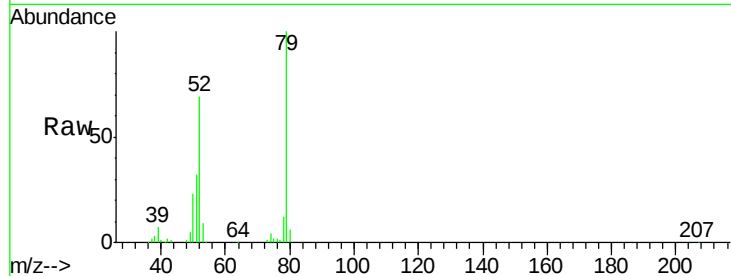
ClientSampleId :

PB103277BS

Tgt Ion:	79	Resp:	297579
Ion Ratio	Lower	Upper	
79	100		
52	69.1	59.8	89.6
51	32.1	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.44 ng

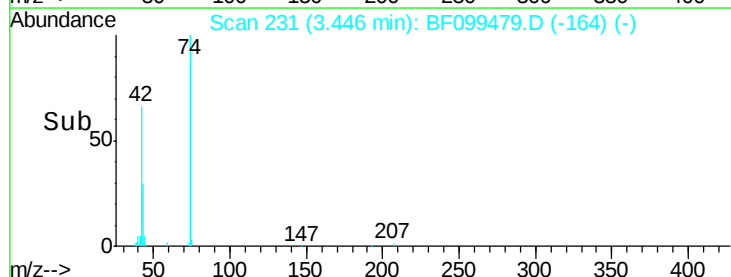
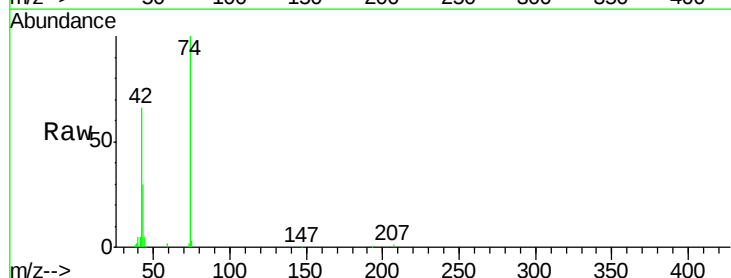
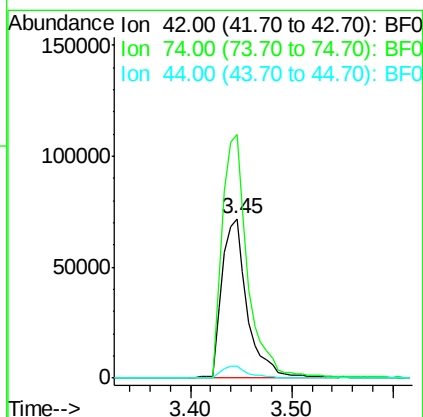
RT: 3.45 min Scan# 231

Delta R.T. 0.09 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	42	Resp:	124965
Ion Ratio	Lower	Upper	
42	100		
74	152.6	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 120.23 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.02 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

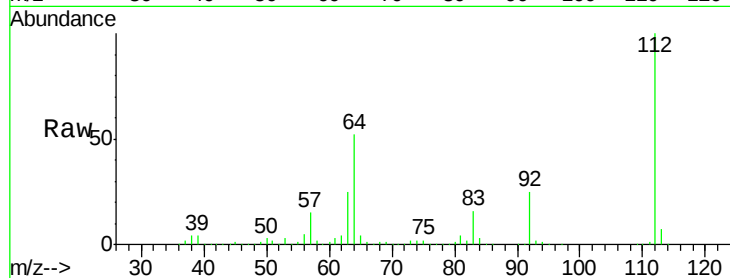
ClientSampleId :

PB103277BS

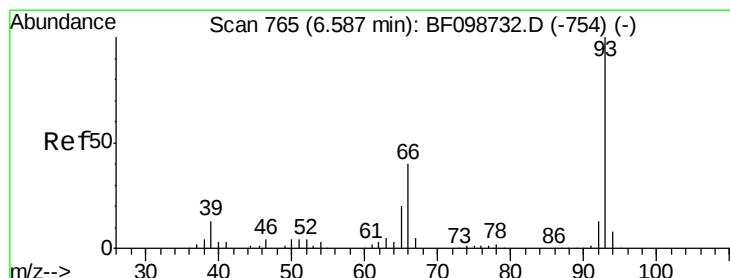
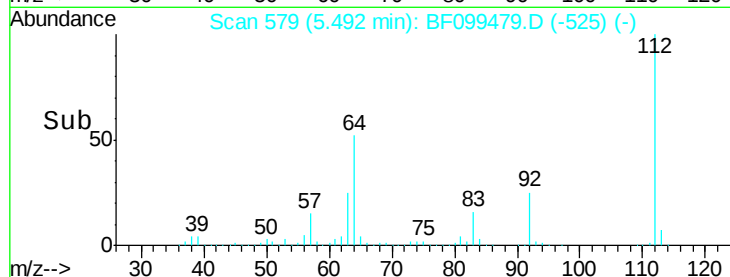
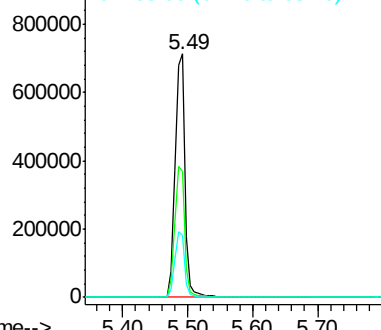
Tgt Ion:	112	Resp:	752486
Ion Ratio	Lower	Upper	
112	100		
64	51.7	47.9	71.9
63	25.2	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 16.01 ng

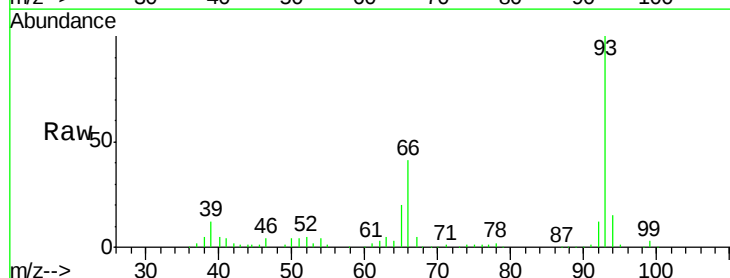
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

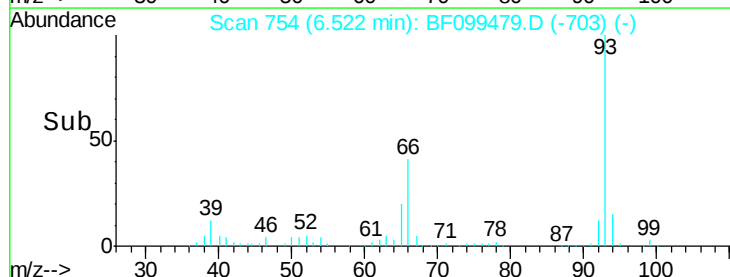
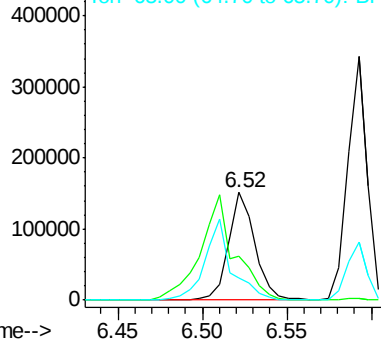
Lab File: BF099479.D

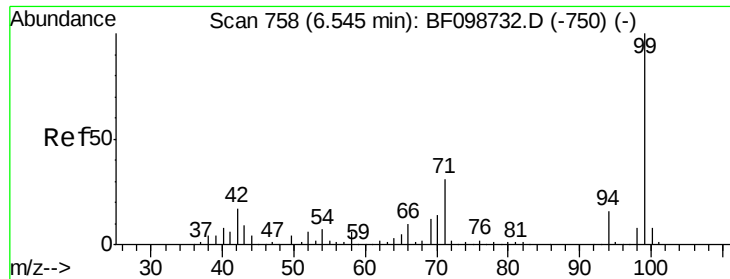
Acq: 14 Oct 2017 16:19

Tgt Ion:	93	Resp:	166841
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.2	48.2
65	20.3	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 117.58 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

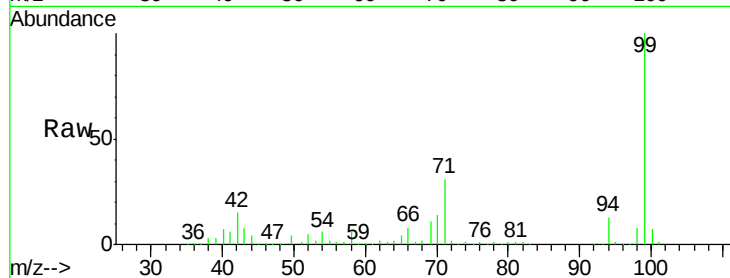
ClientSampleId :

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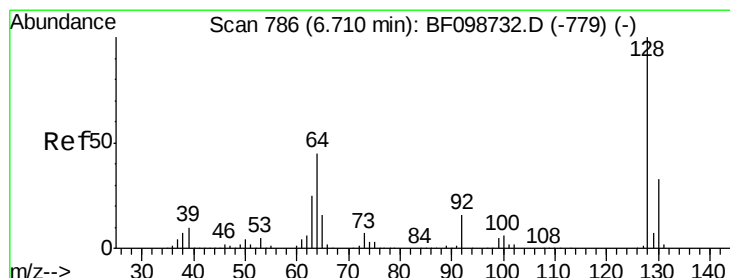
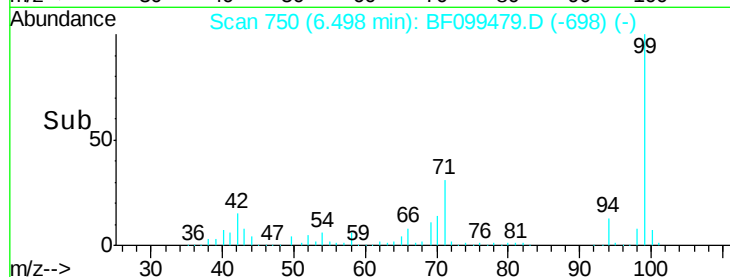
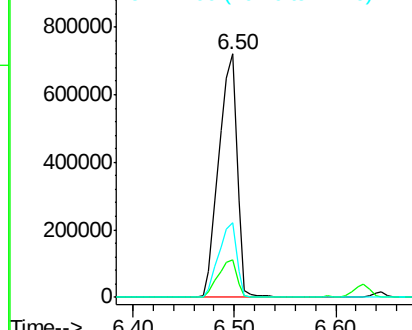
Tgt Ion:	99	Resp:	907793
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	30.6	25.4	38.0

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.04 ng

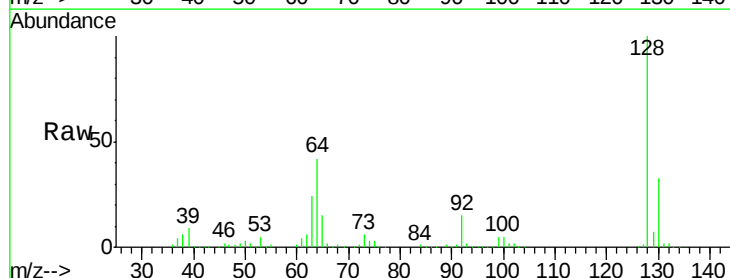
RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

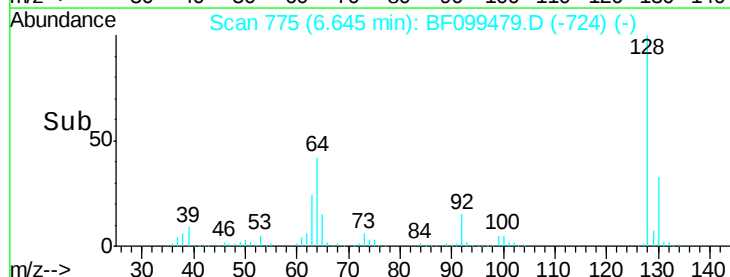
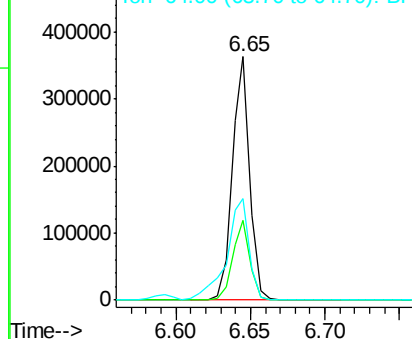
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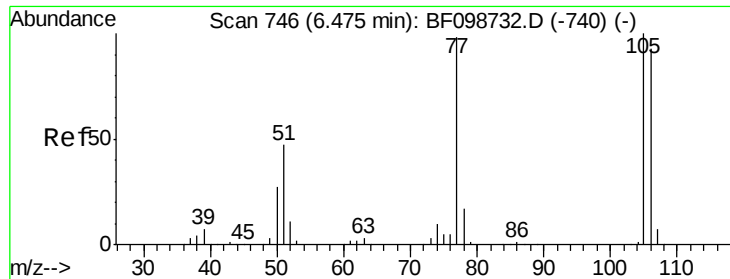
Acq: 14 Oct 2017 16:19

Tgt Ion:	128	Resp:	297969
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	41.6	29.4	69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.63 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

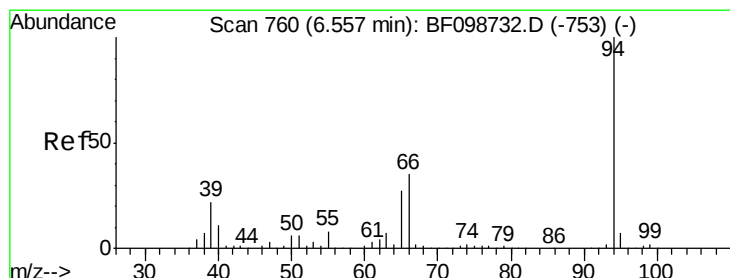
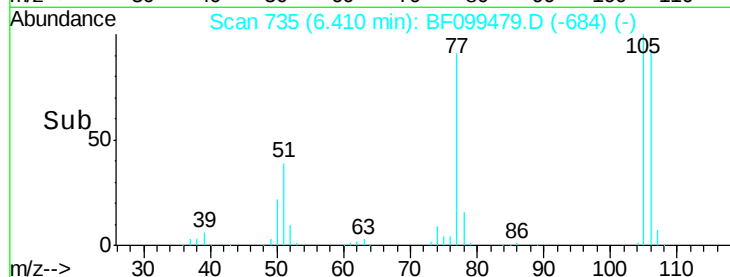
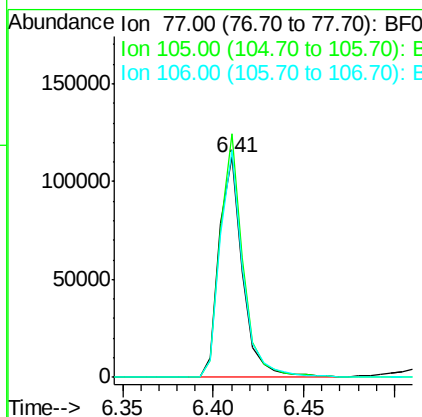
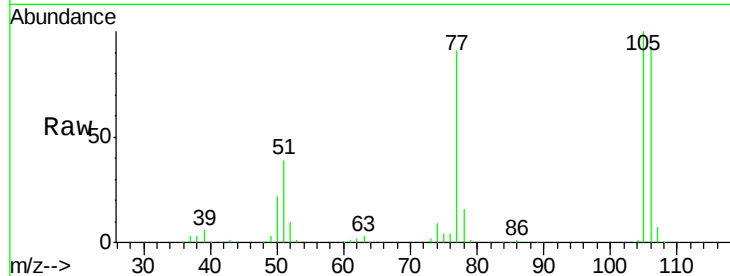
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
77	100	101340		
105	110.5	81.1	121.1	
106	103.0	74.5	114.5	

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#10

Phenol

Concen: 41.03 ng

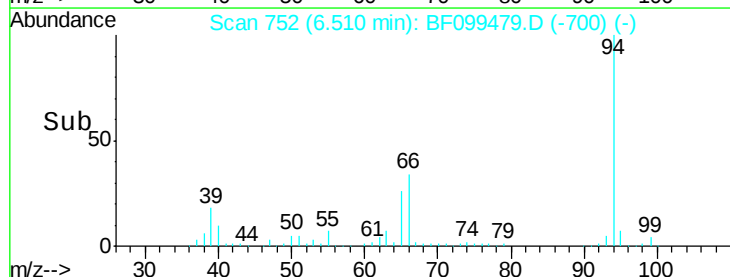
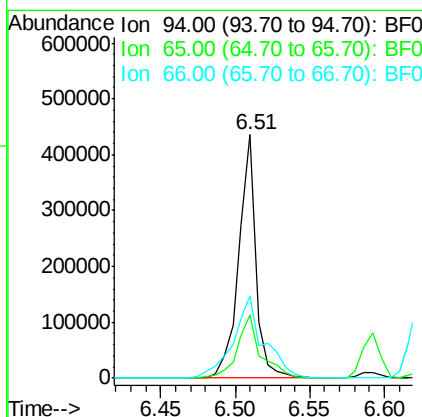
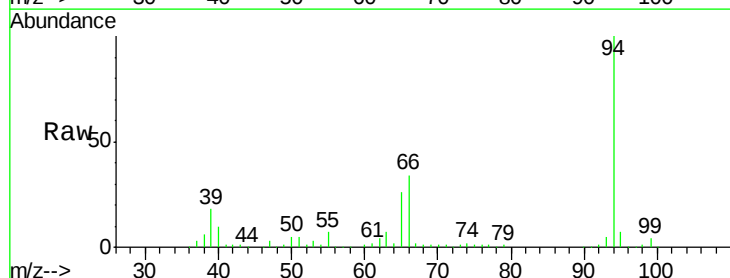
RT: 6.51 min Scan# 752

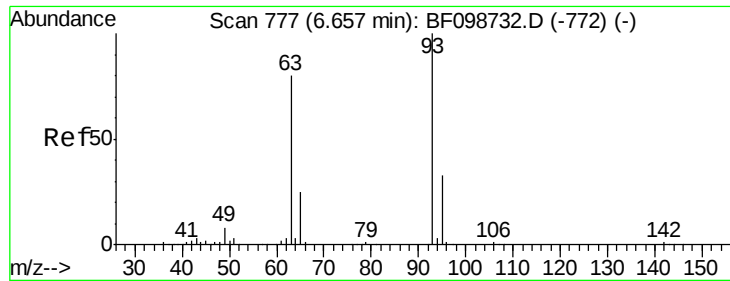
Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	354324		
65	26.2	7.9	47.9	
66	34.0	16.2	56.2	





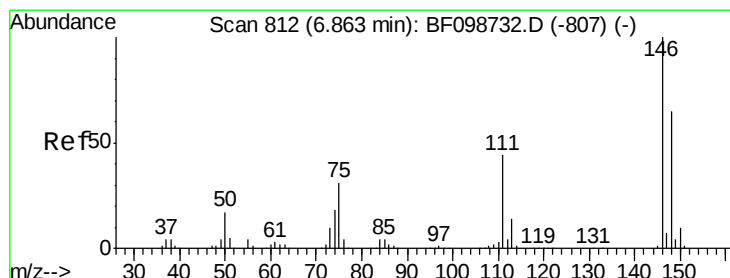
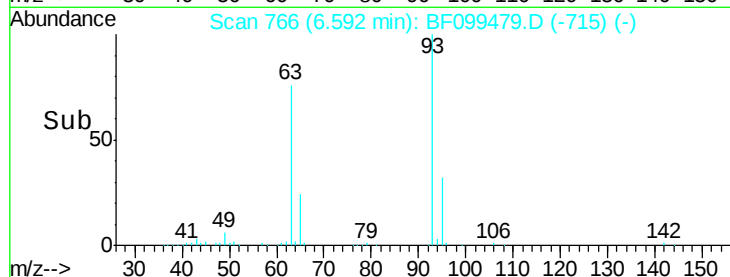
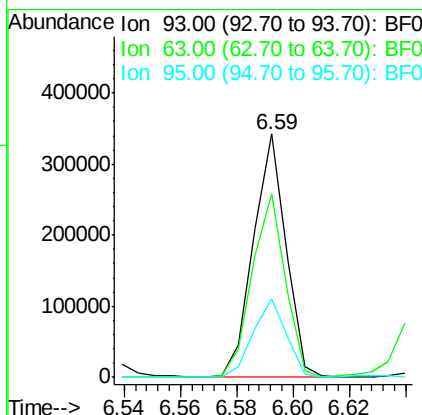
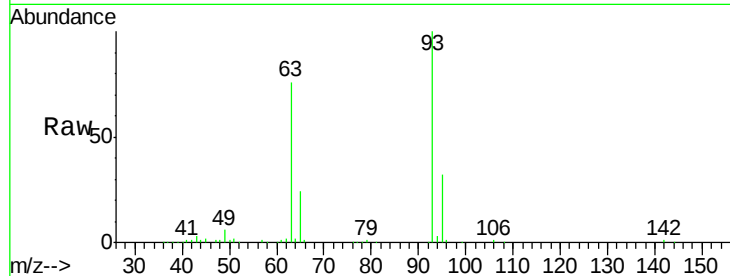
#11
bis(2-Chloroethyl)ether
Concen: 40.67 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	75.5	58.6	98.6
95	32.0	11.8	51.8

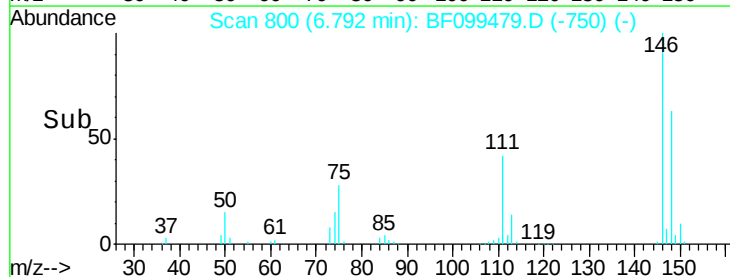
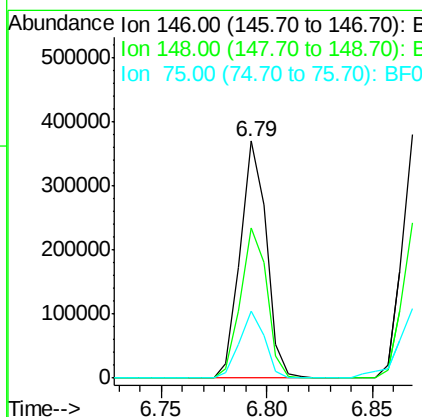
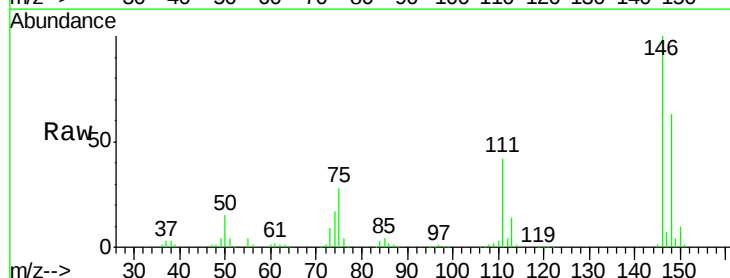
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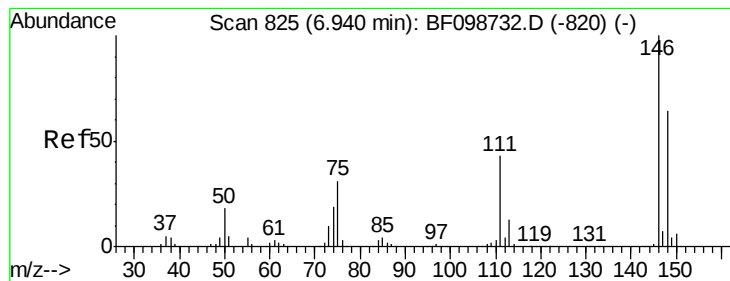
Sohil
10/15/2017 12:41:21 PM



#12
1,3-Dichlorobenzene
Concen: 42.67 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.4	51.8	77.8
75	28.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 42.39 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

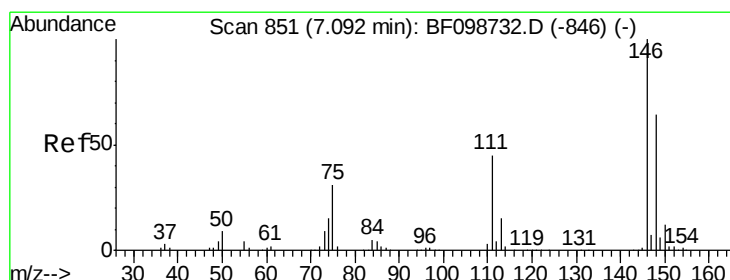
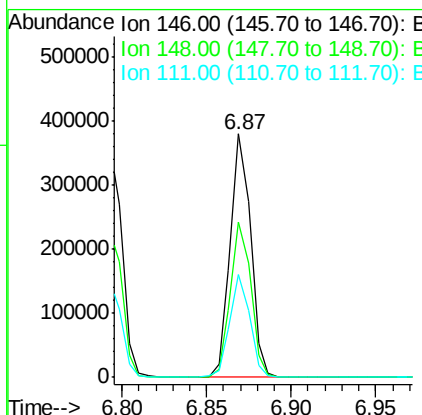
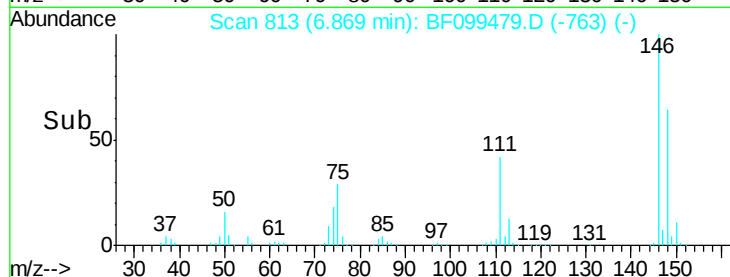
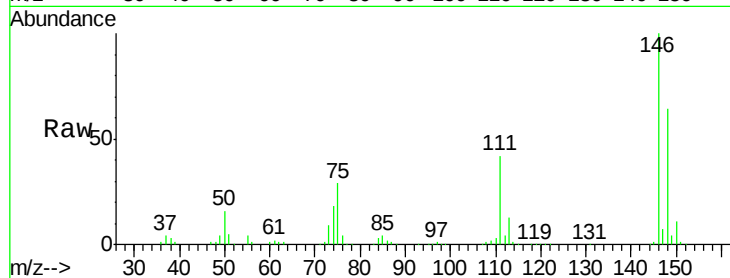
ClientSampled :

PB103277BS

Tgt Ion:	146	Resp:	320113
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	42.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 42.47 ng

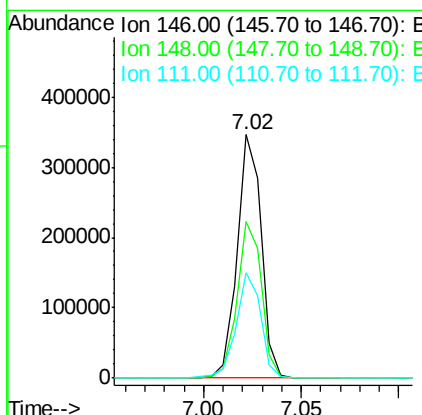
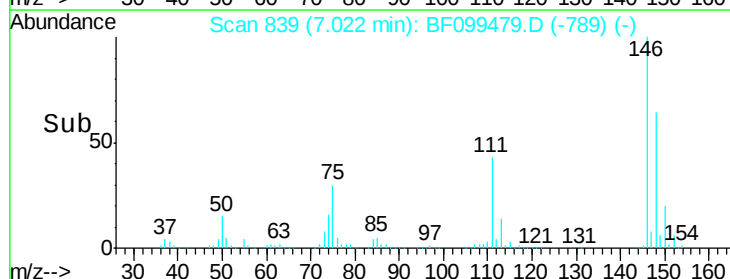
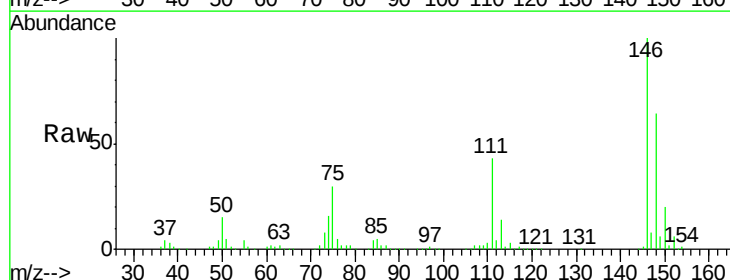
RT: 7.02 min Scan# 839

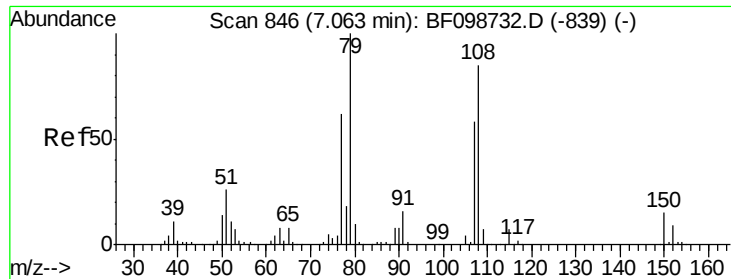
Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	146	Resp:	296354
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.46 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

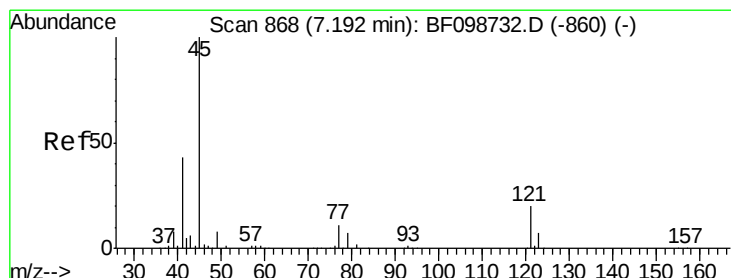
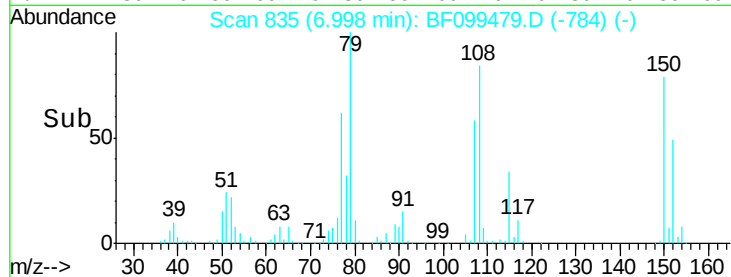
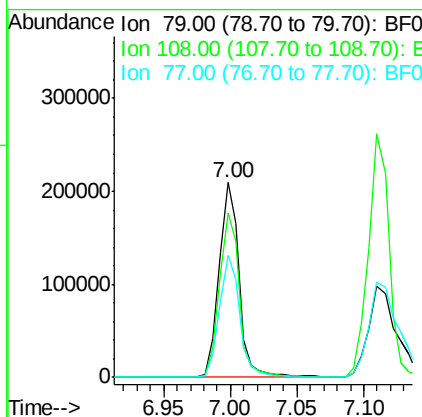
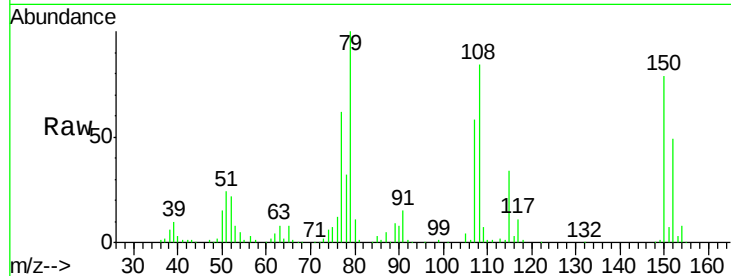
ClientSampleId :

PB103277BS

Tgt Ion:	79	Resp:	223503
Ion Ratio	Lower	Upper	
79	100		
108	84.5	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.74 ng

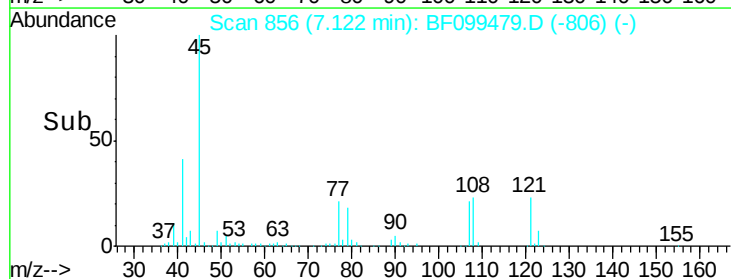
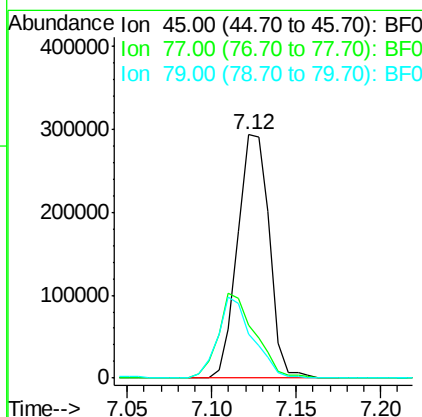
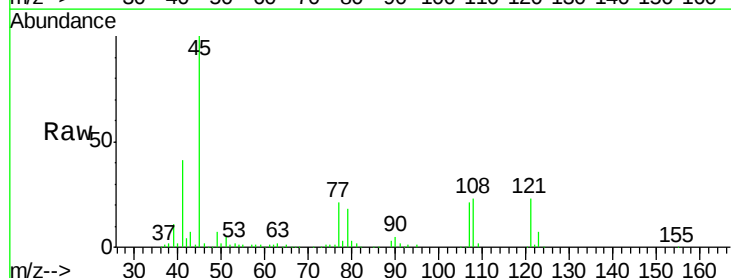
RT: 7.12 min Scan# 856

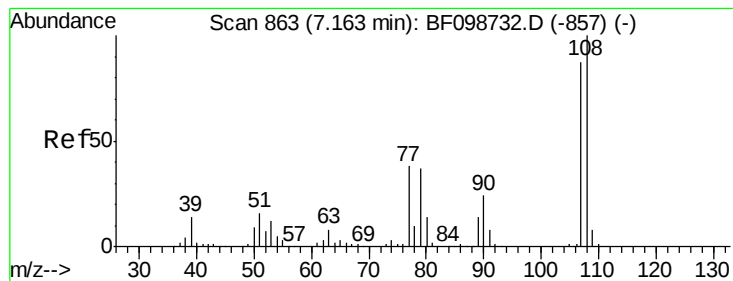
Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	45	Resp:	384215
Ion Ratio	Lower	Upper	
45	100		
77	21.5	0.0	32.9
79	18.1	0.0	29.6





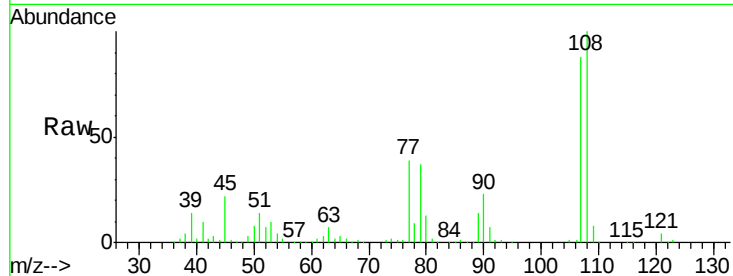
#17
2-Methylphenol
Concen: 42.50 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	246486		
108	113.9	91.7	137.5	
77	44.3	33.8	50.8	
79	42.6	33.8	50.8	

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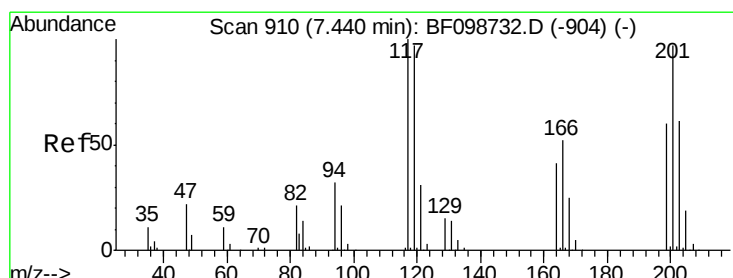
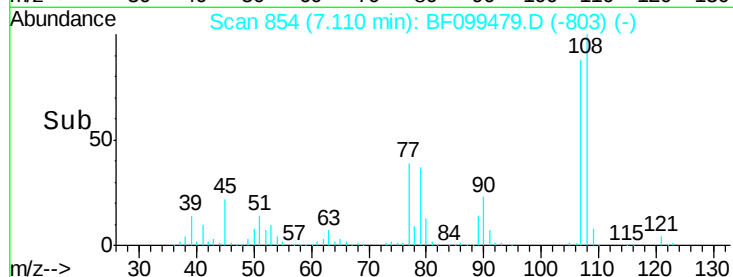
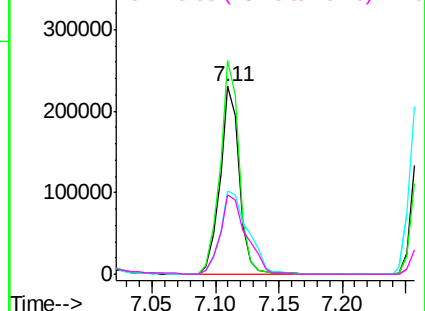
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

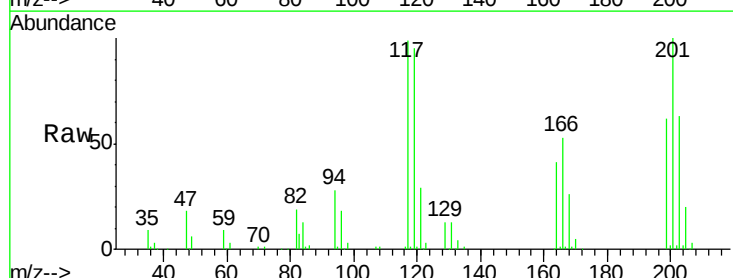
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 41.17 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111765		
119	95.9	75.8	113.8	
201	100.6	75.7	113.5	

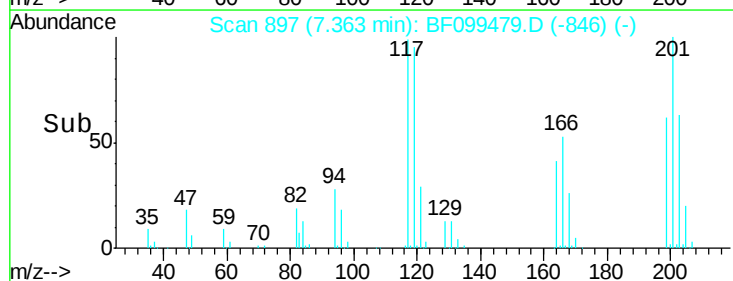
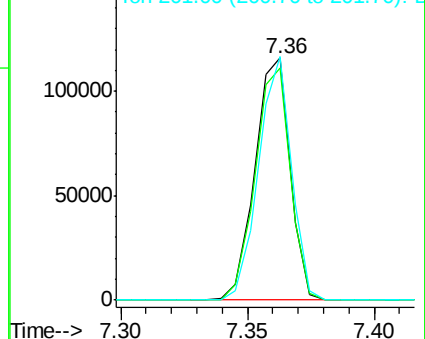


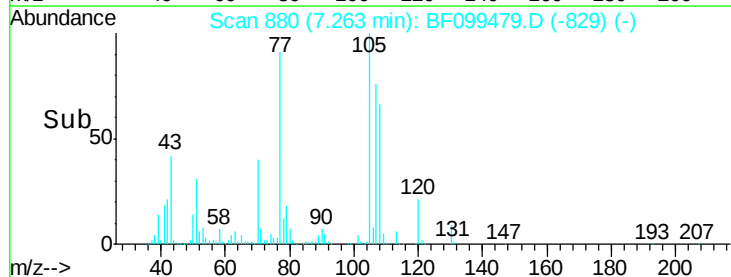
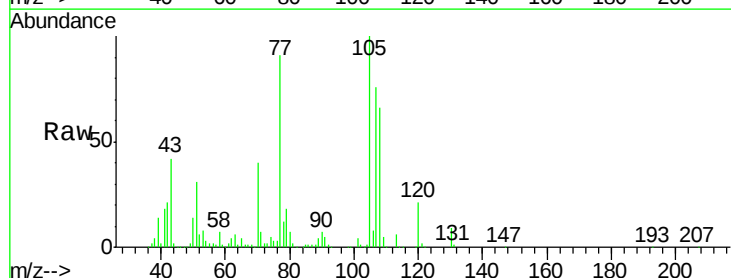
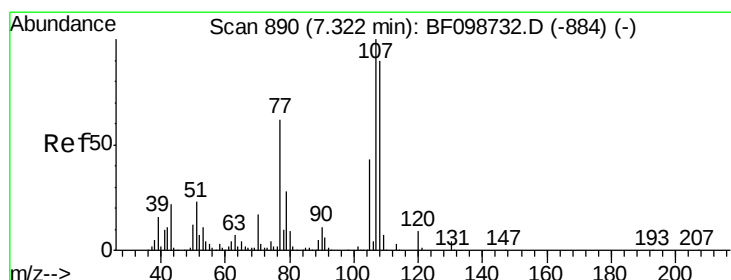
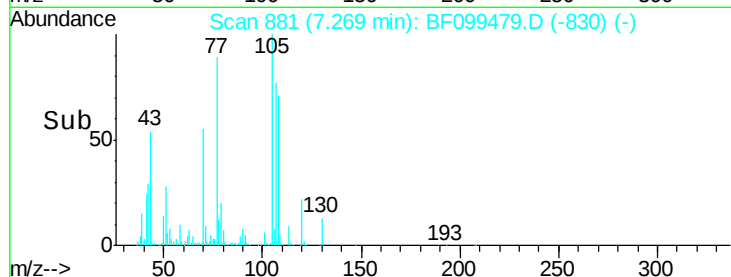
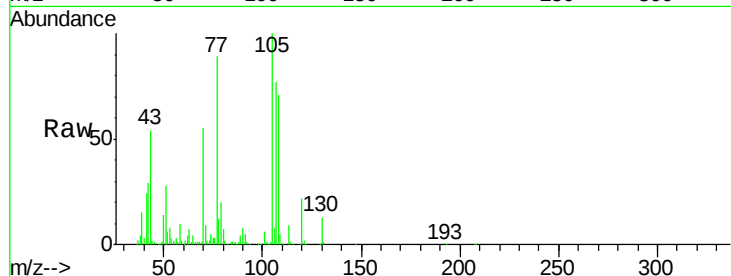
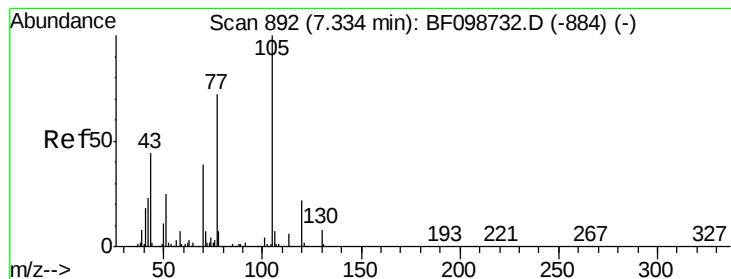
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.38 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB103277BS

Tgt Ion: 70 Resp: 184276

Ion Ratio Lower Upper

70 100

42 52.3 47.5 71.3

101 10.2 7.4 11.2

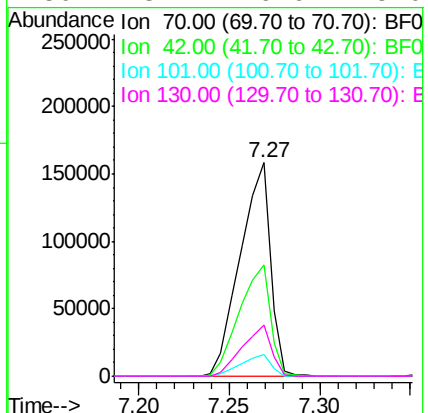
130 23.7 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.54 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion: 107 Resp: 297457

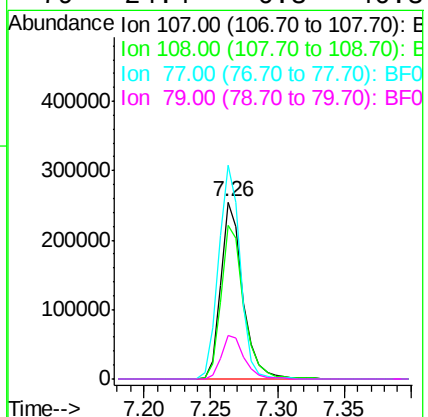
Ion Ratio Lower Upper

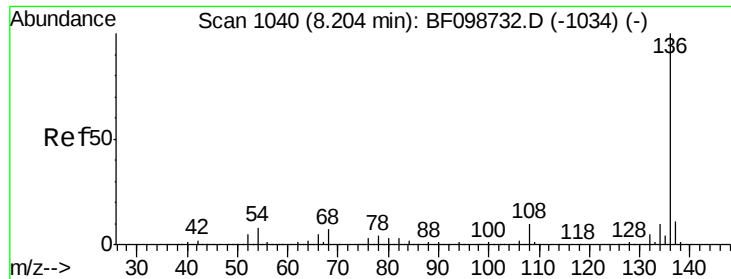
107 100

108 86.9 68.2 108.2

77 120.9 26.7 66.7#

79 24.4 6.3 46.3





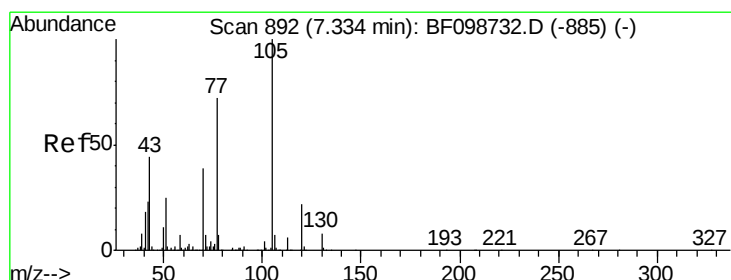
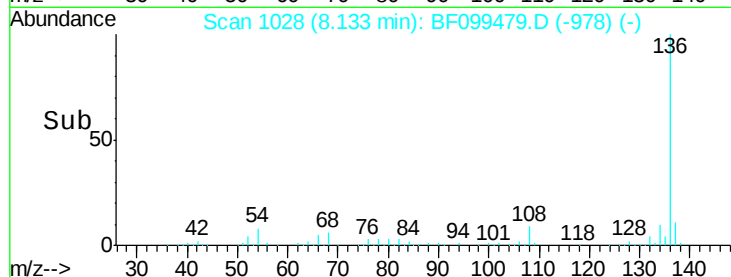
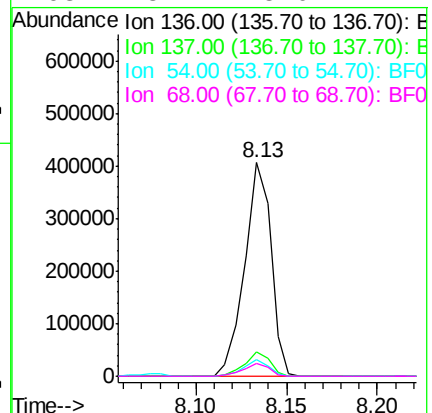
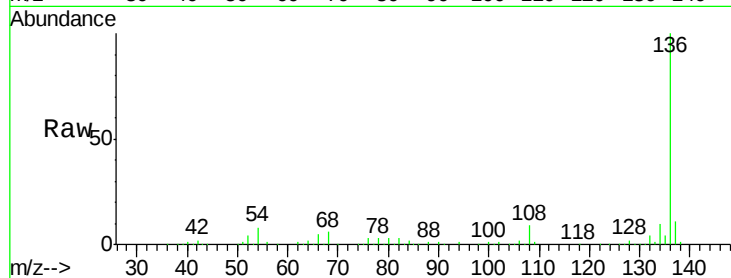
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	410977		
137	11.3	8.9	13.3	
54	7.8	6.6	9.8	
68	5.7	5.0	7.4	

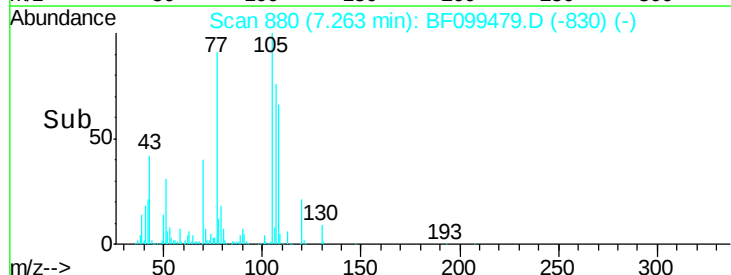
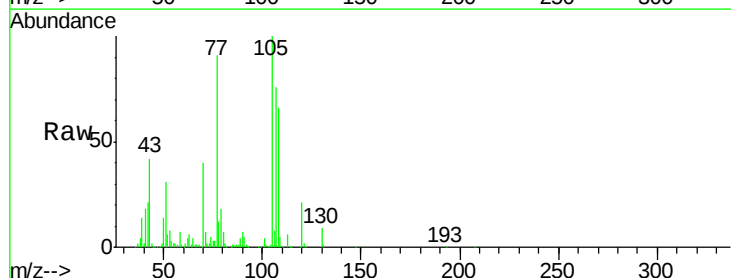
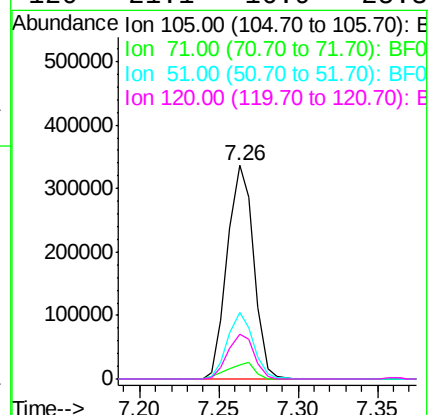
Manual Integrations
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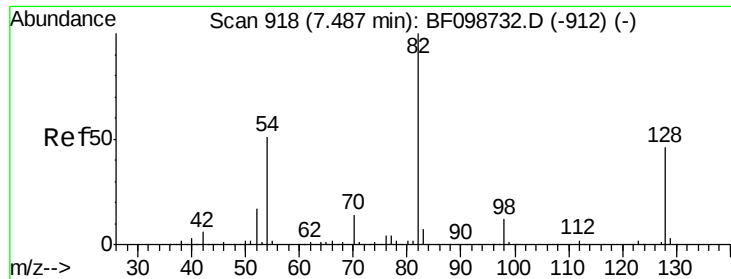
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#22
Acetophenone
Concen: 39.00 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	388334		
71	6.5	4.4	6.6	
51	31.0	22.3	33.5	
120	21.1	16.9	25.3	





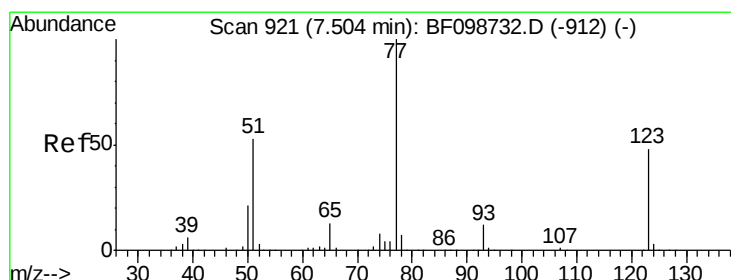
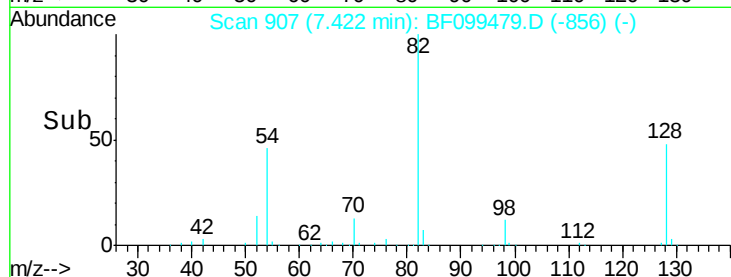
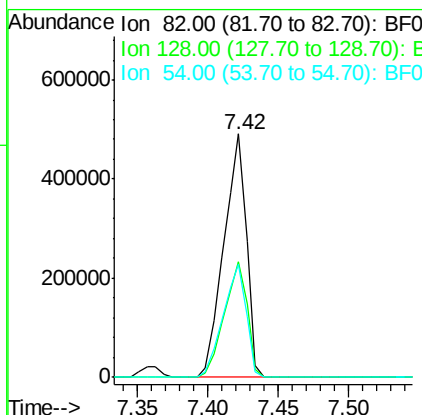
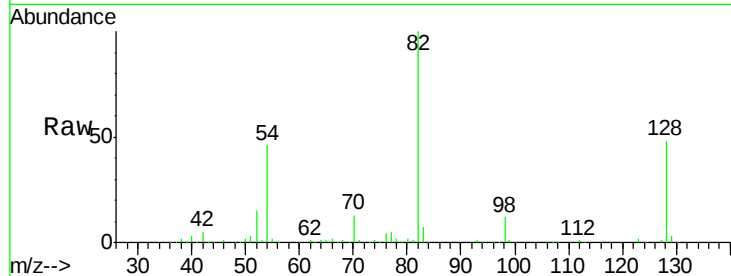
#23
 Nitrobenzene-d5
 Concen: 85.04 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	544962		
128	47.7	36.1	54.1	
54	46.2	41.4	62.2	

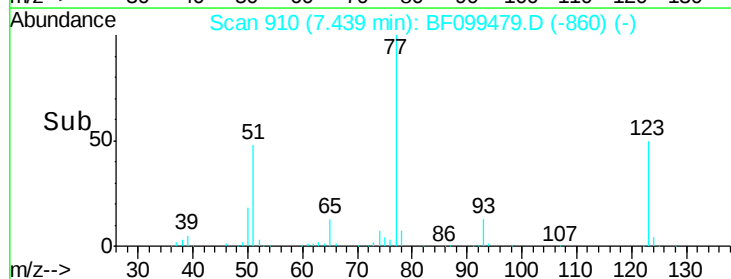
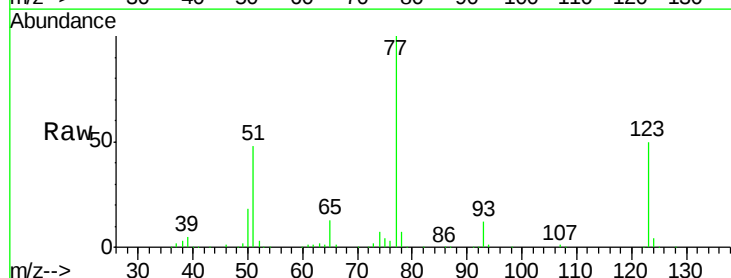
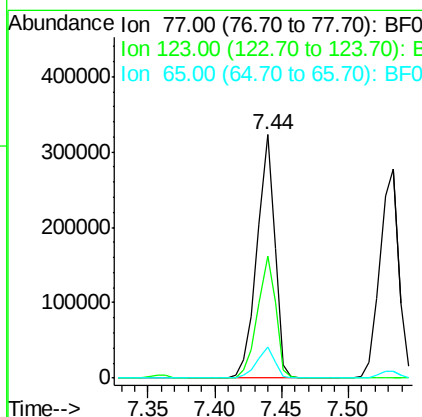
Manual Integrations
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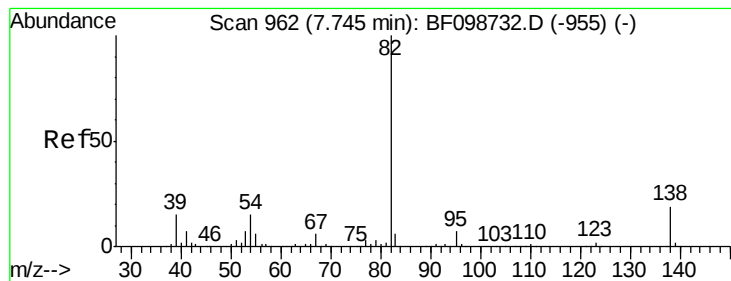
Sohil
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#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	295045		
123	50.1	37.9	56.9	
65	12.9	11.0	16.4	





#25

Isophorone

Concen: 41.12 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB103277BS

Tgt Ion: 82 Resp: 544765

Ion Ratio Lower Upper

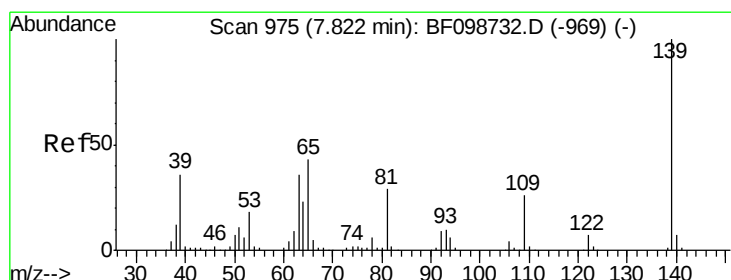
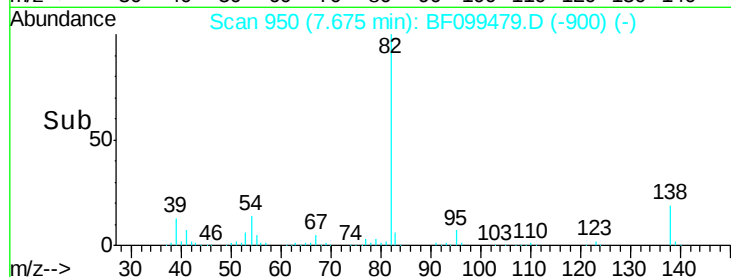
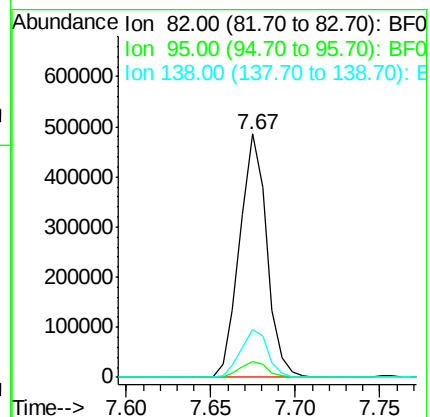
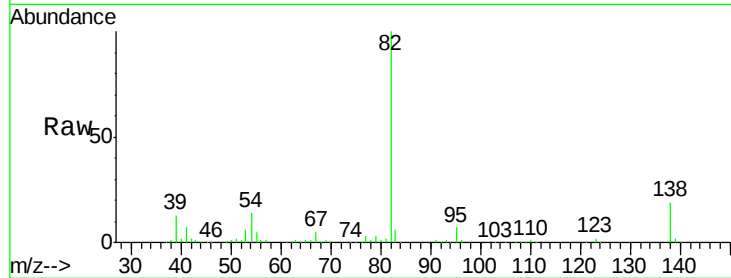
82 100

95 6.5 5.2 7.8

138 19.5 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.86 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

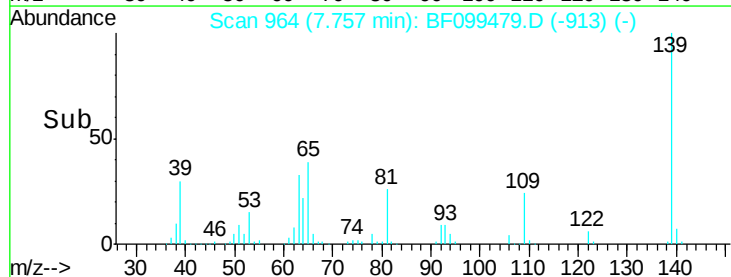
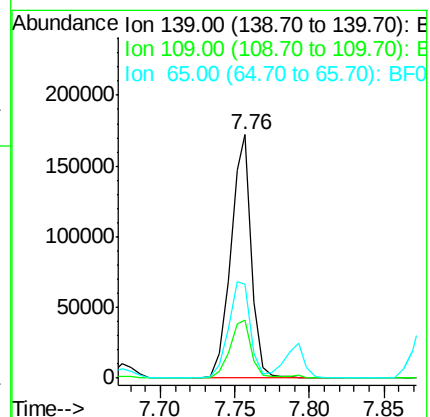
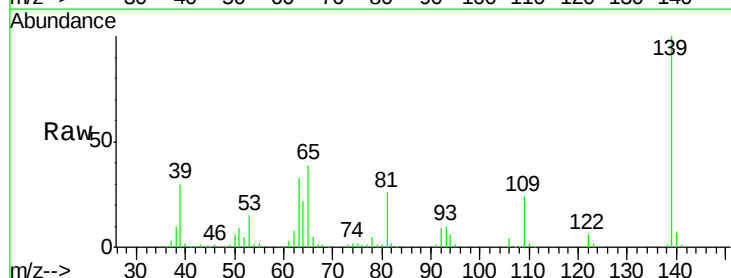
Tgt Ion: 139 Resp: 167302

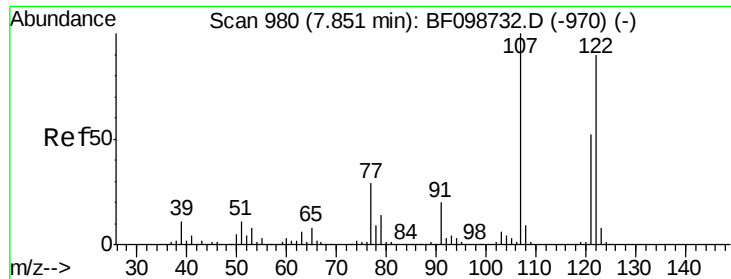
Ion Ratio Lower Upper

139 100

109 23.9 22.7 34.1

65 38.7 40.5 60.7#





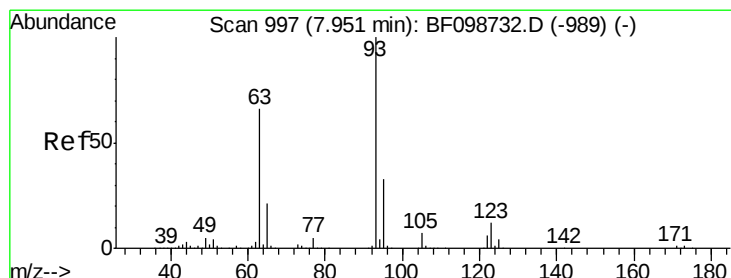
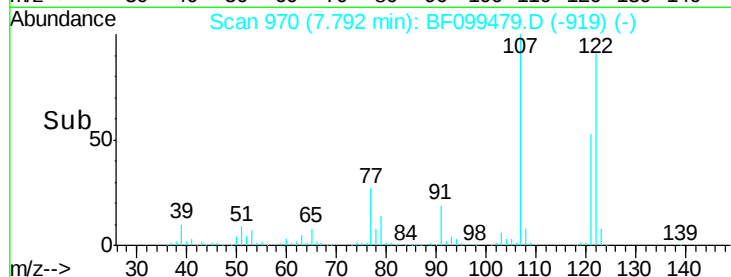
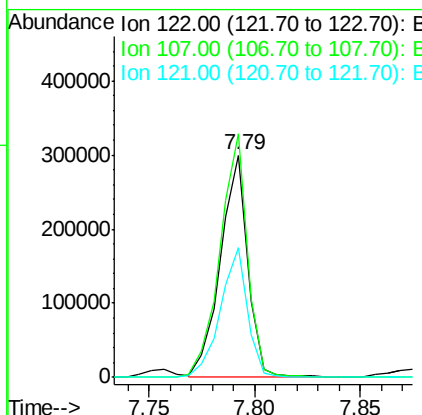
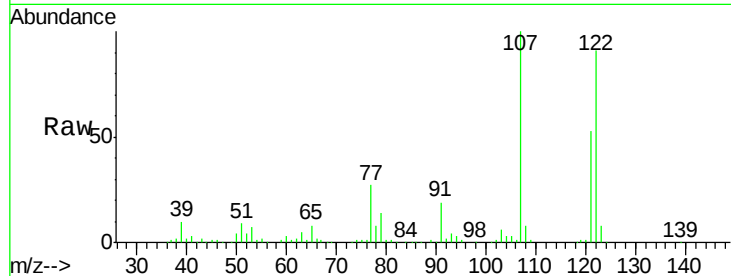
#27
2,4-Dimethylphenol
Concen: 40.71 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	268781		
107	109.4	91.2	136.8	
121	58.0	47.2	70.8	

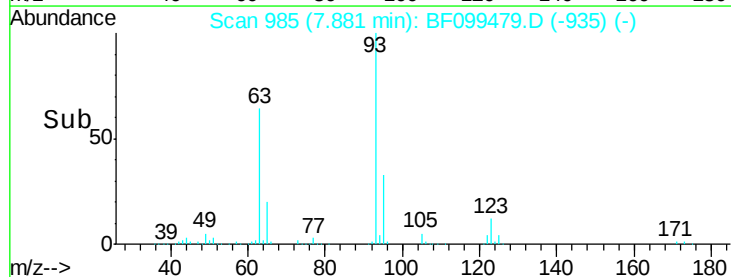
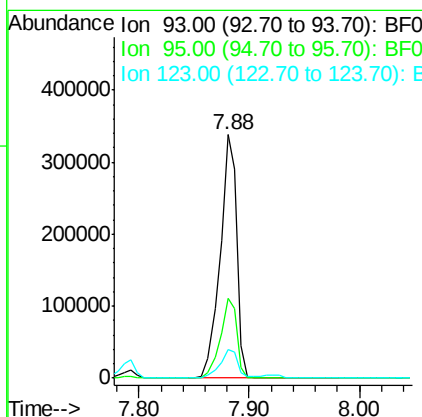
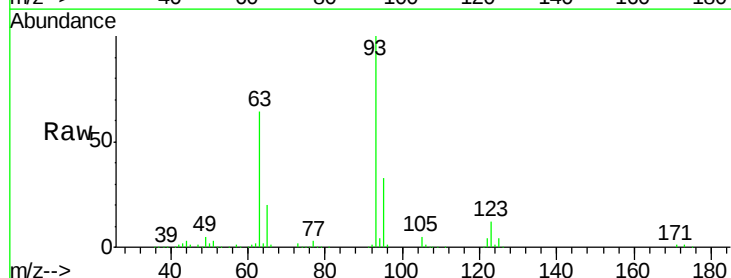
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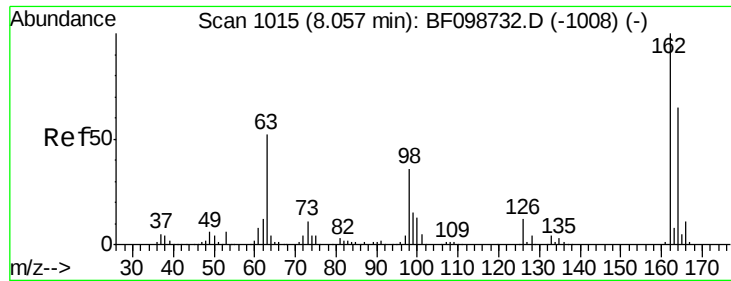
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#28
bis(2-Chloroethoxy)methane
Concen: 42.85 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	353822		
95	32.9	26.3	39.5	
123	11.5	9.8	14.6	





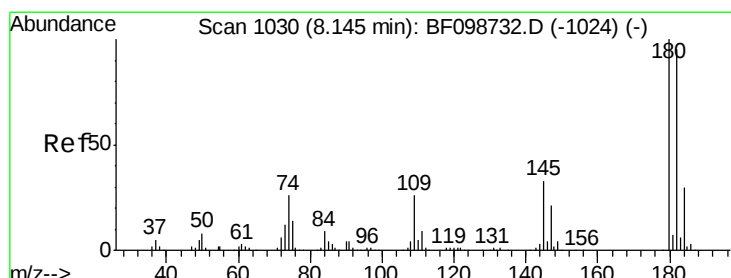
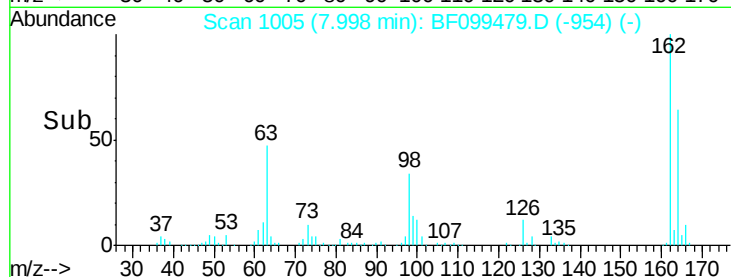
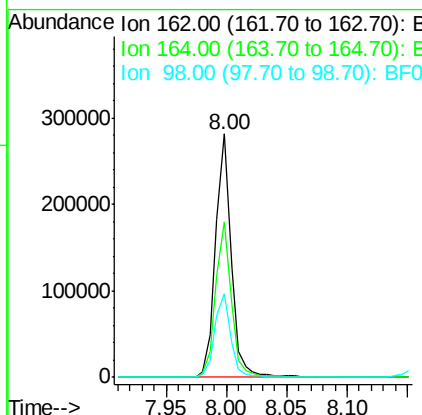
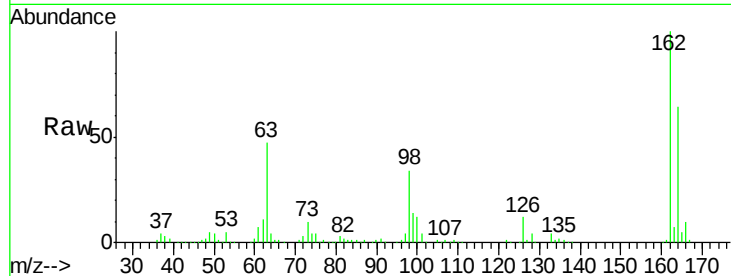
#29
 2,4-Dichlorophenol
 Concen: 44.40 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.8	42.7	82.7
98	34.1	18.1	58.1

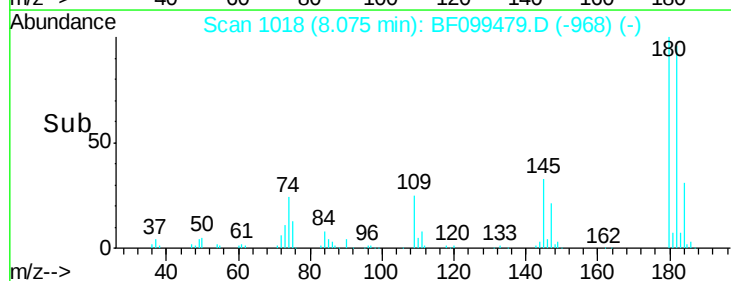
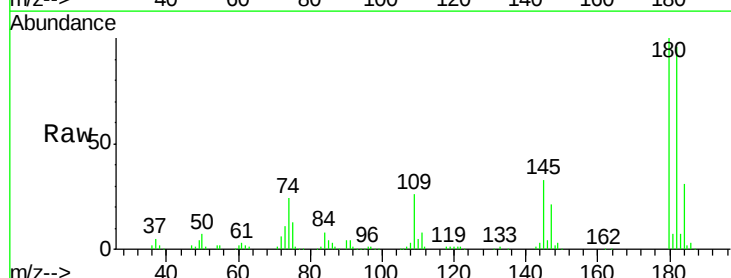
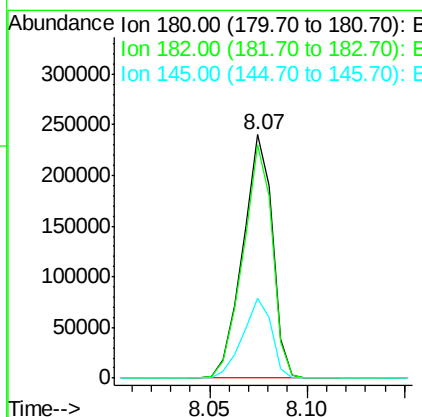
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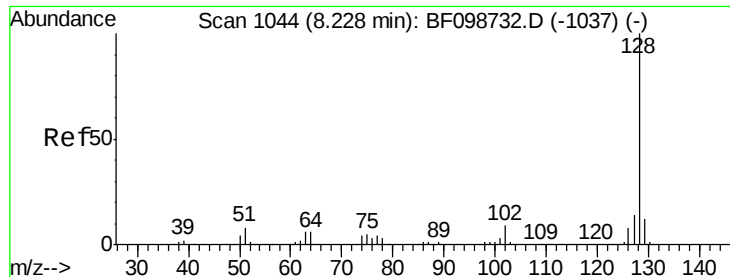
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.35 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	76.8	115.2
145	32.8	26.5	39.7





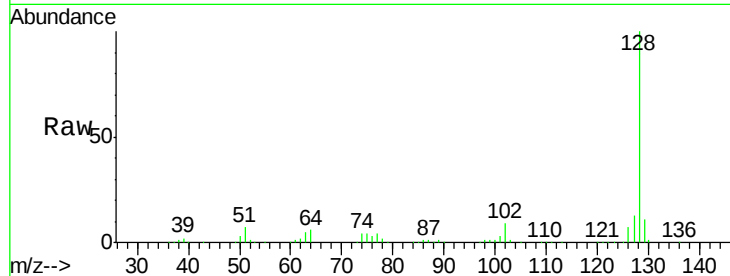
#31
Naphthalene
Concen: 43.95 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

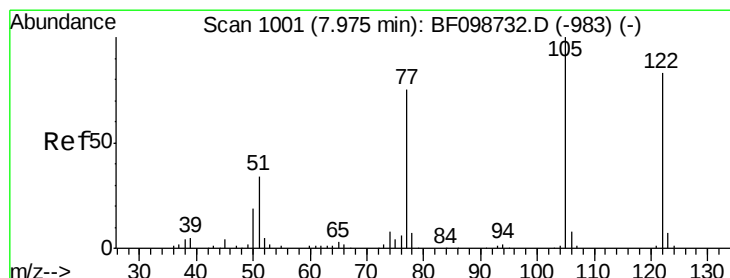
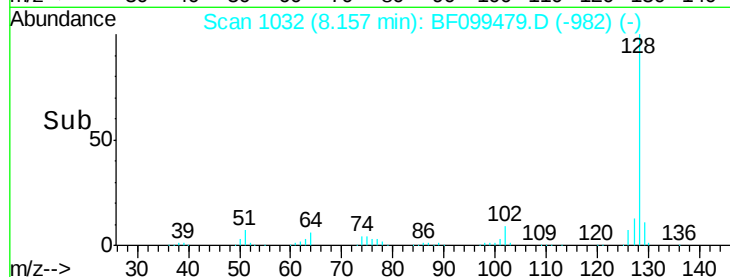
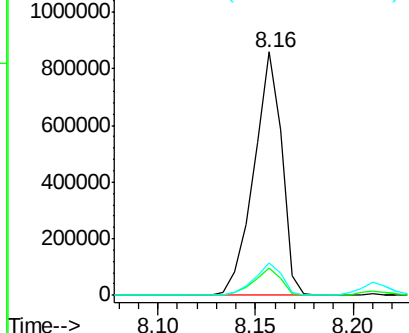
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	848244		
129	11.0	8.8	13.2	
127	13.4	10.9	16.3	

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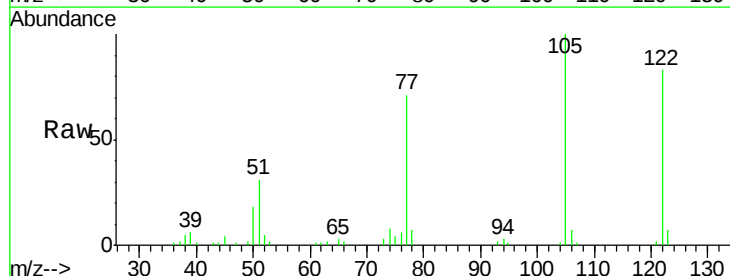


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

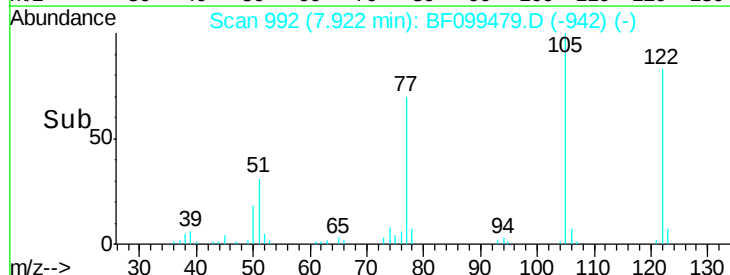
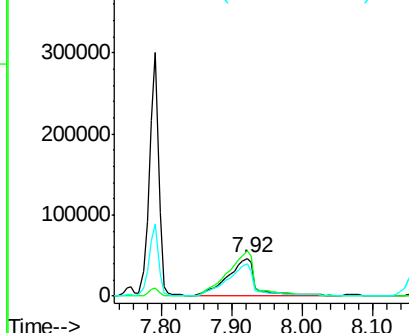


#32
Benzoic acid
Concen: 23.03 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	124898		
105	120.7	101.1	141.1	
77	86.2	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





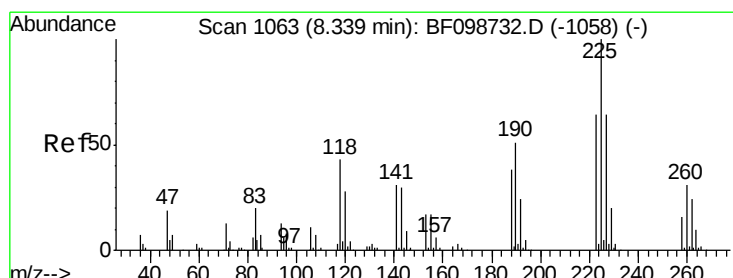
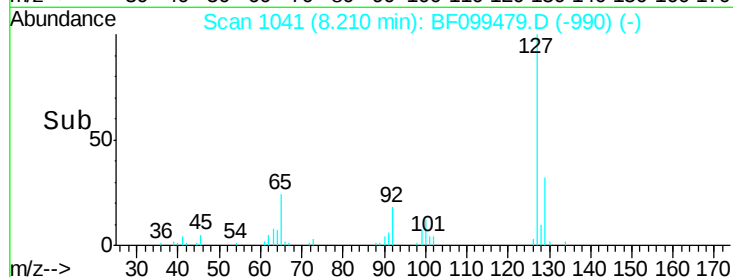
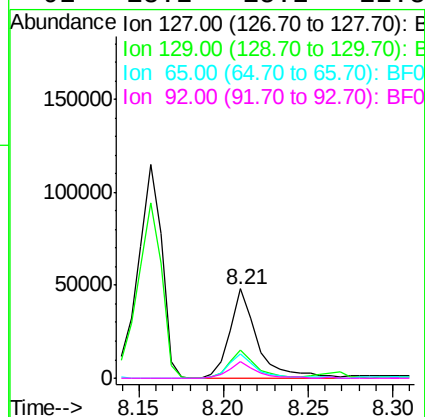
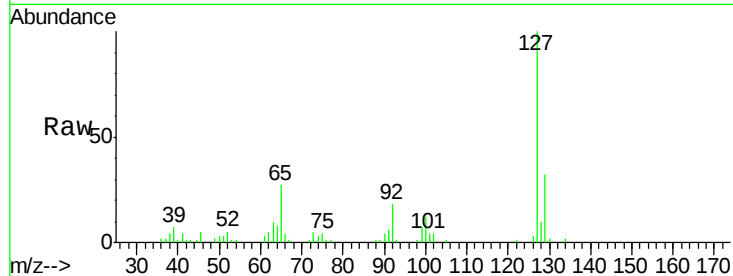
#33
4-Chloroaniline
Concen: 6.83 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	55076		
129	32.1		25.9	38.9
65	27.1		25.0	37.4
92	18.2		15.2	22.8

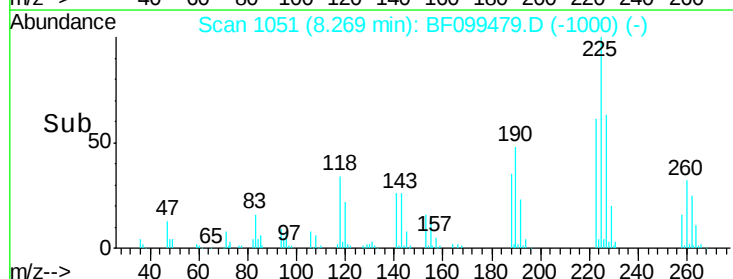
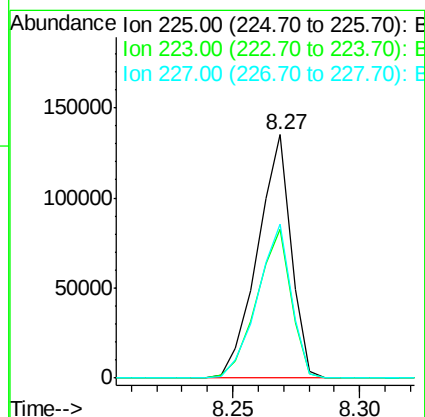
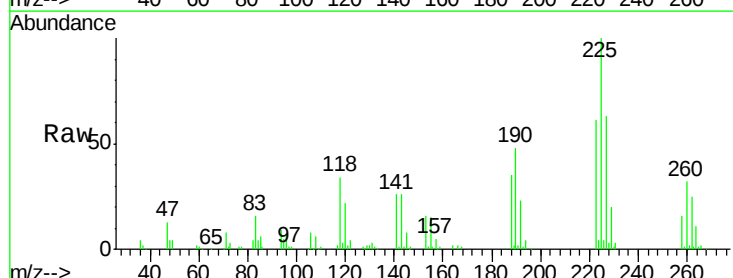
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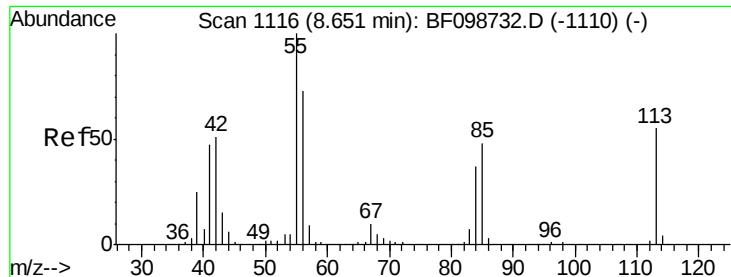
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#34
Hexachlorobutadiene
Concen: 42.86 ng
RT: 8.27 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125138		
223	61.4		50.6	76.0
227	63.3		51.9	77.9





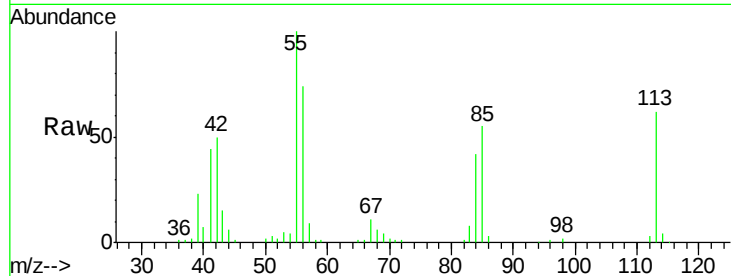
#35
 Caprolactam
 Concen: 45.85 ng m
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB103277BS

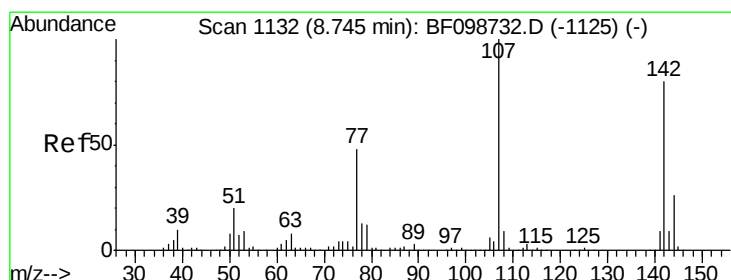
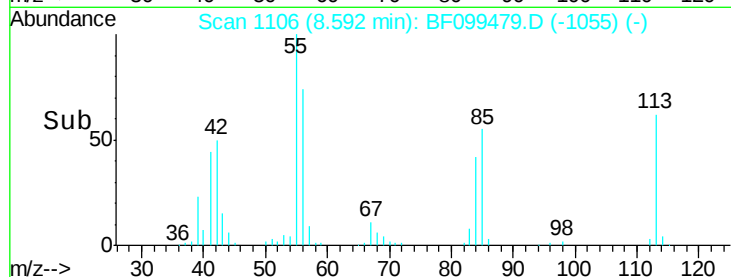
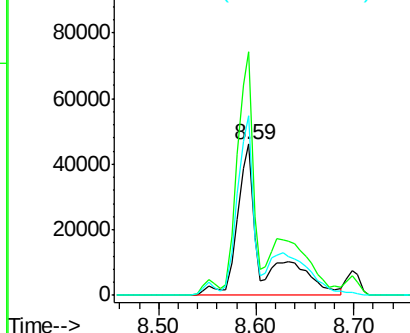
Tgt Ion:113 Resp: 83358
 Ion Ratio Lower Upper
 113 100
 55 161.4 163.3 203.3#
 56 119.4 115.7 155.7

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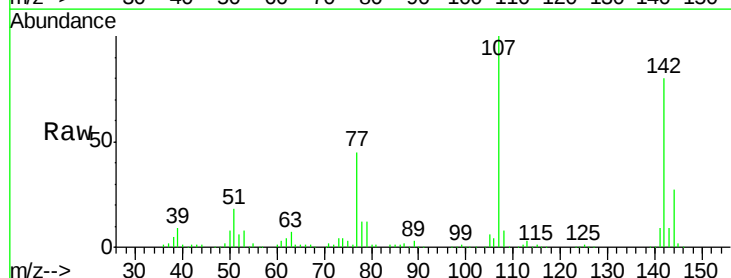


Abundance Ion 113.00 (112.70 to 113.70): E
 100000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

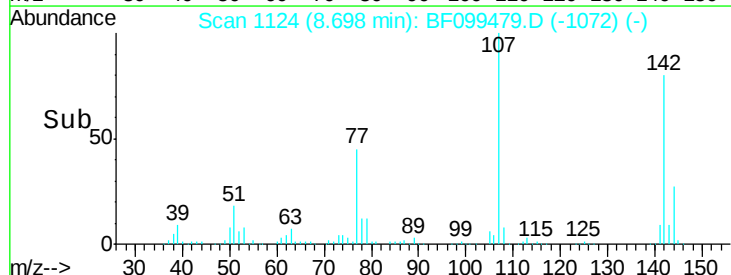
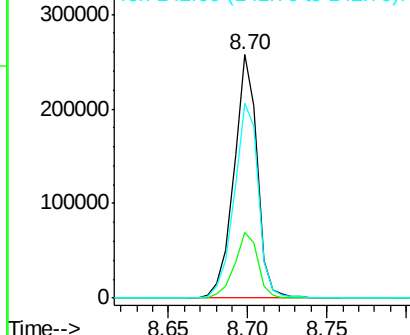


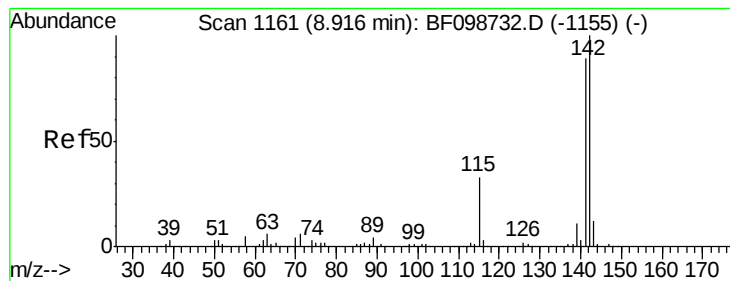
#36
 4-Chloro-3-methylphenol
 Concen: 41.04 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion:107 Resp: 261495
 Ion Ratio Lower Upper
 107 100
 144 27.2 20.5 30.7
 142 80.3 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 300000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





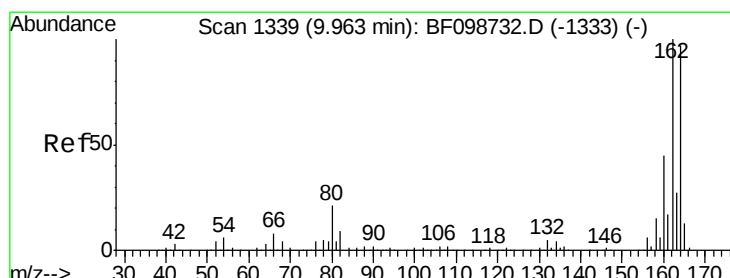
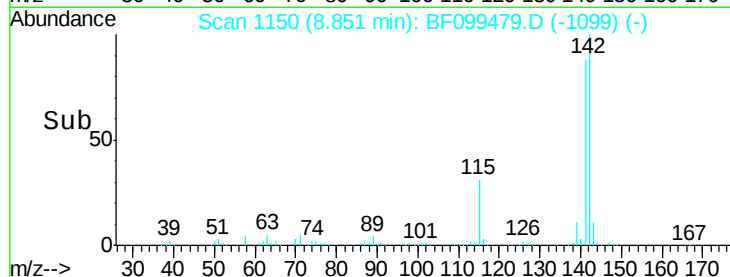
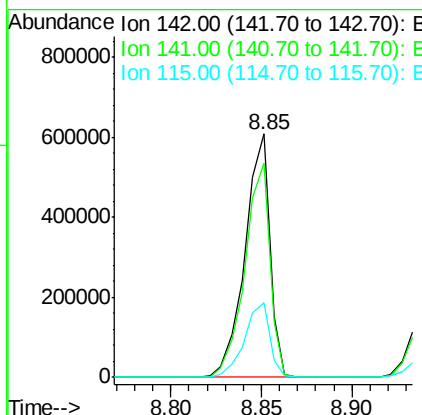
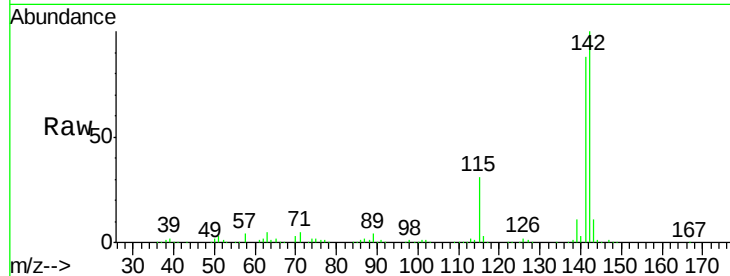
#37
 2-Methylnaphthalene
 Concen: 46.40 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	582208		
141	87.8		70.8	106.2
115	30.8		26.1	39.1

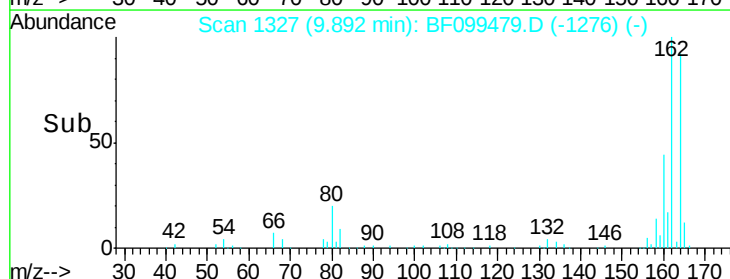
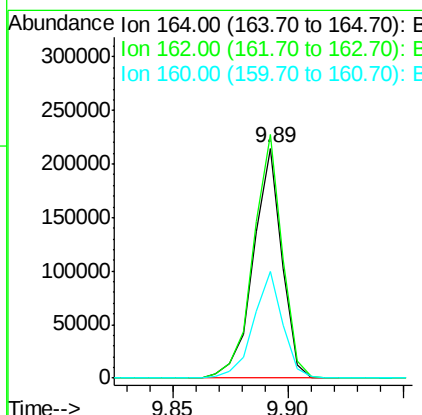
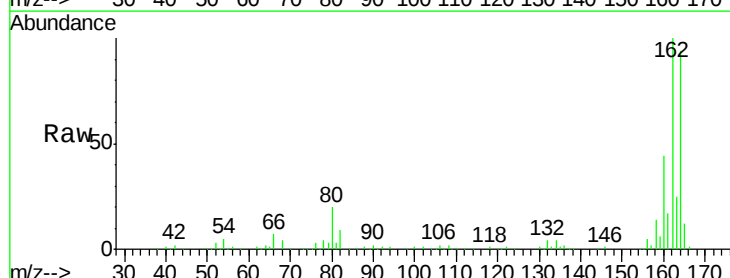
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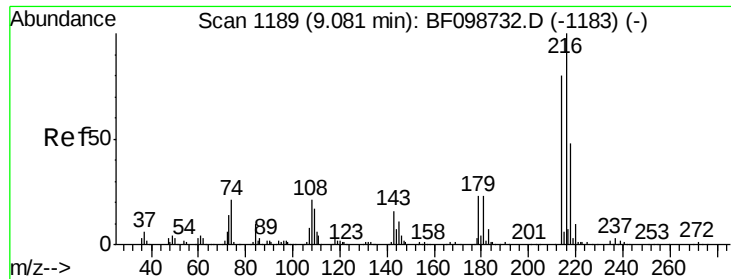
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185272		
162	105.9		86.1	129.1
160	46.5		38.3	57.5





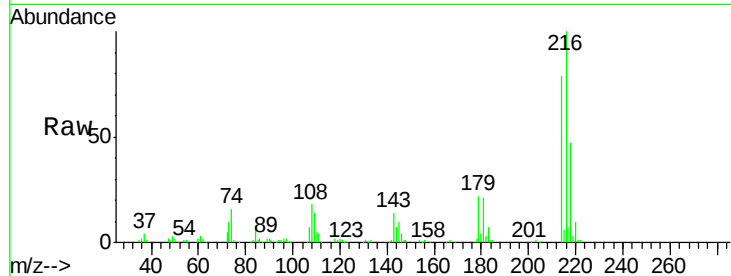
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.91 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

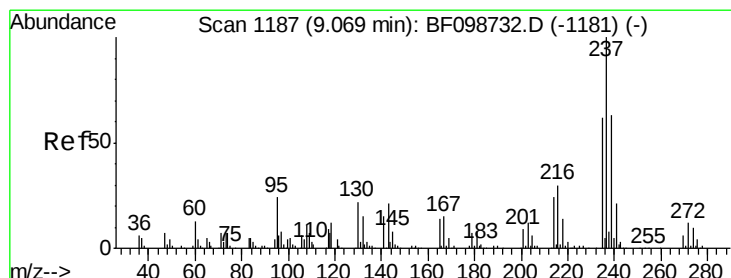
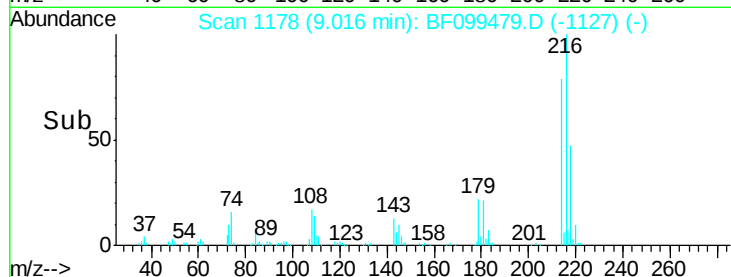
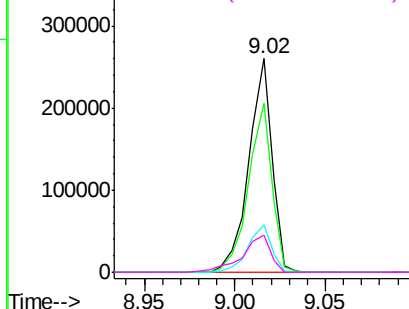
Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.7	63.0	94.4
179	22.4	18.1	27.1
108	21.0	17.2	25.8

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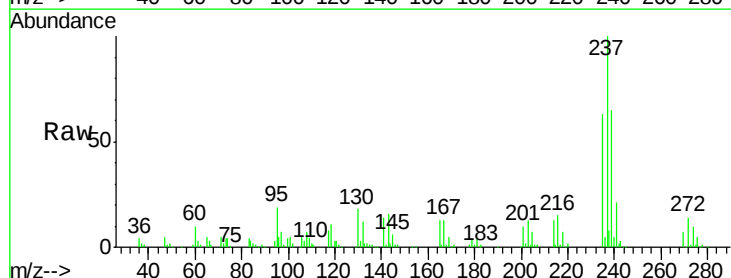


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

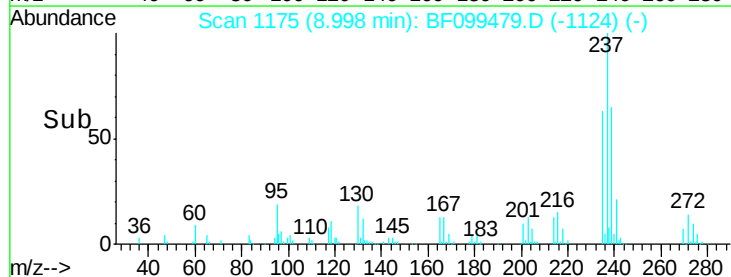
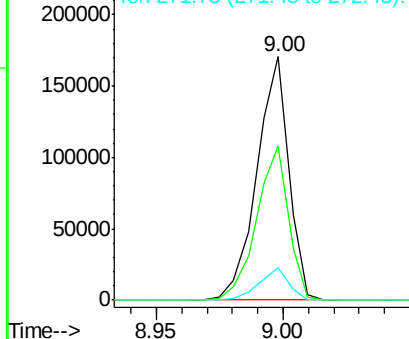


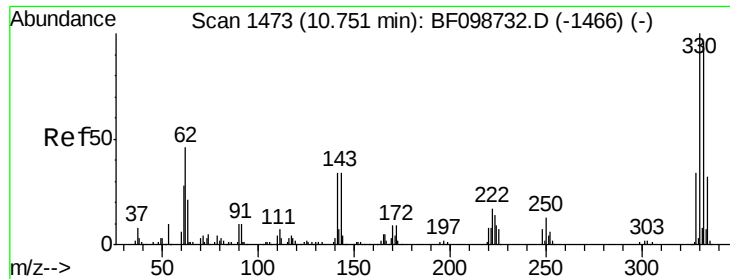
#40
 Hexachlorocyclopentadiene
 Concen: 59.36 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.3	44.8	84.8
272	13.5	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





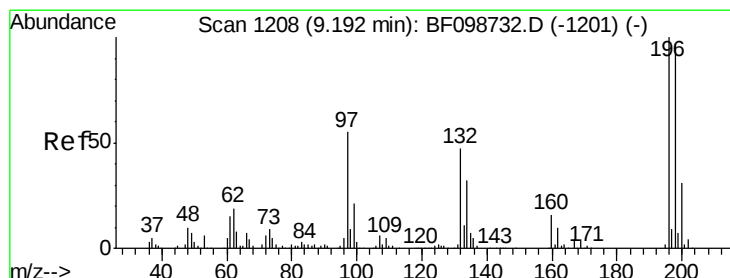
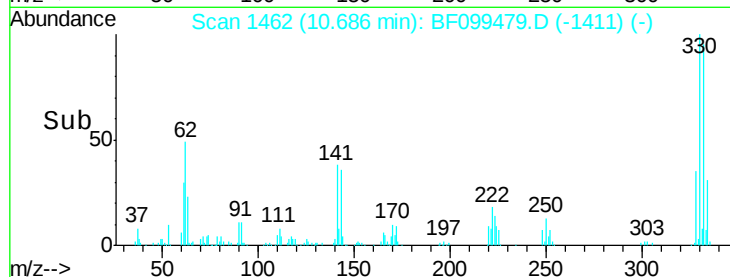
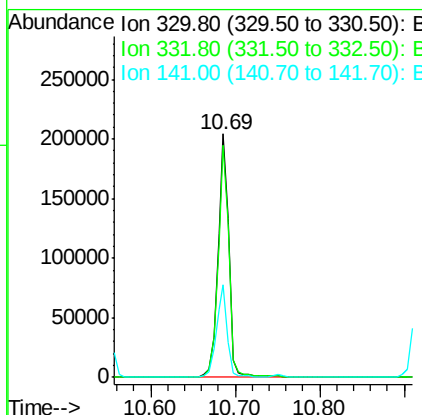
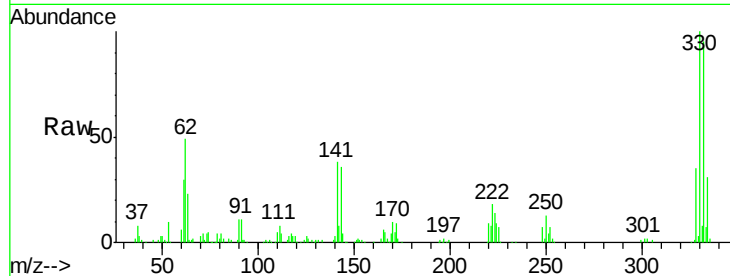
#41
 2,4,6-Tribromophenol
 Concen: 125.62 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	190445		
332	95.2	77.0	115.6	
141	37.8	29.9	44.9	

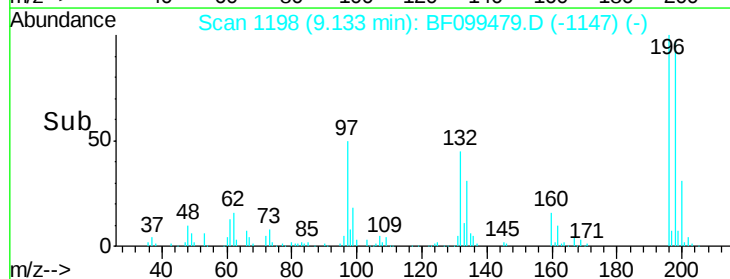
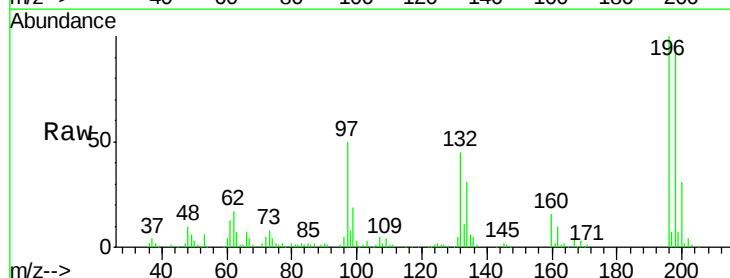
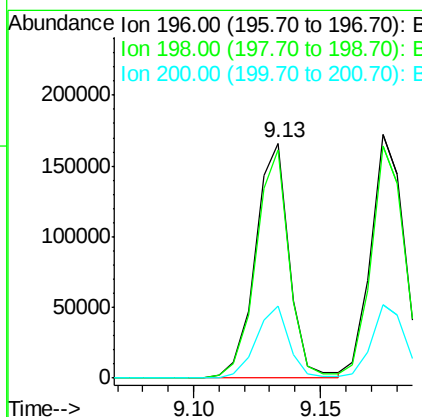
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#42
 2,4,6-Trichlorophenol
 Concen: 39.68 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155326		
198	97.4	75.7	113.5	
200	30.6	24.5	36.7	





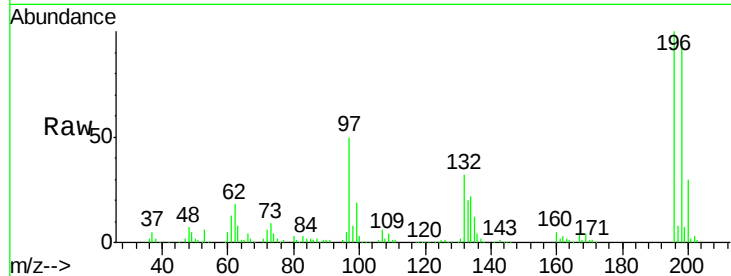
#43
 2,4,5-Trichlorophenol
 Concen: 42.42 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

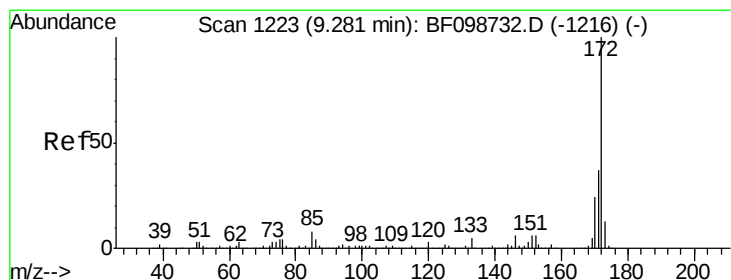
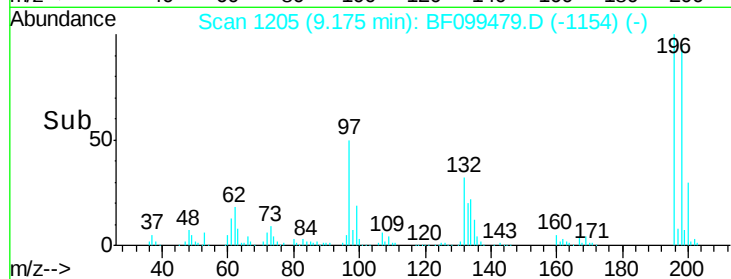
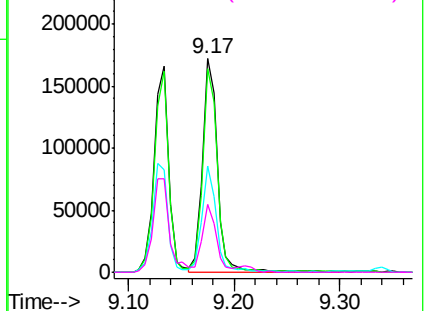
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165773		
198	95.2	74.6	112.0	
97	49.7	42.9	64.3	
132	31.6	26.3	39.5	

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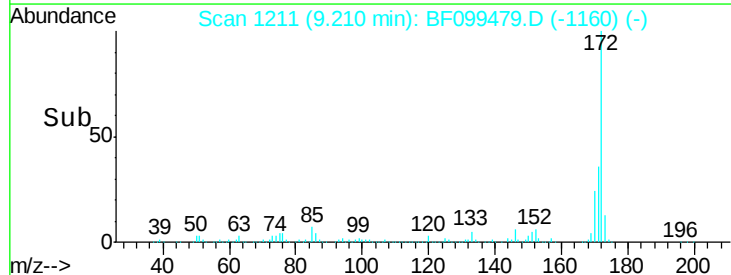
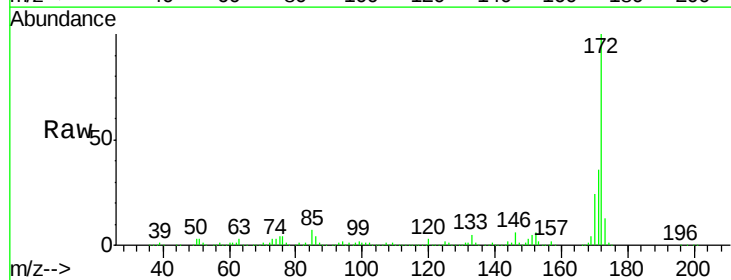
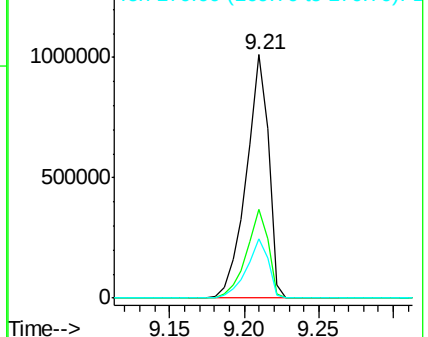
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

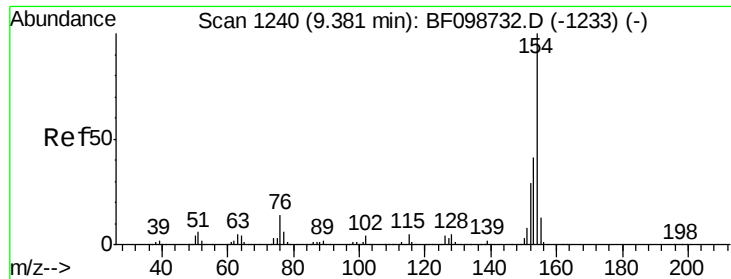


#44
 2-Fluorobiphenyl
 Concen: 94.10 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1044347		
171	36.2	29.7	44.5	
170	24.1	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





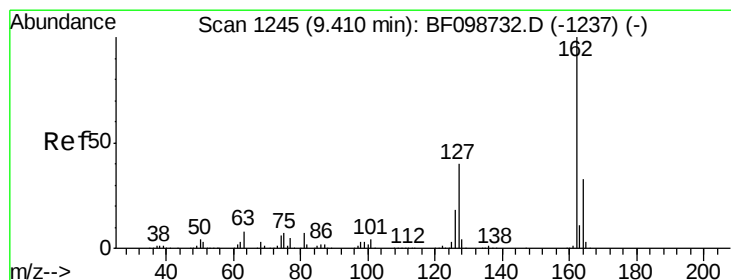
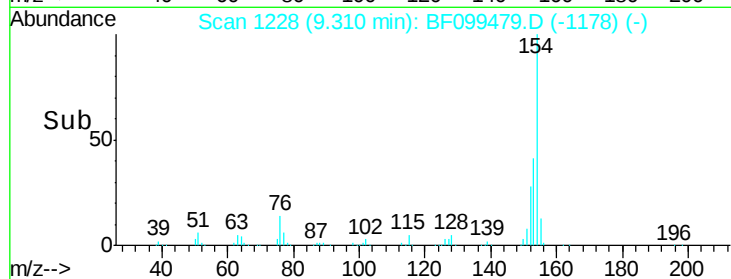
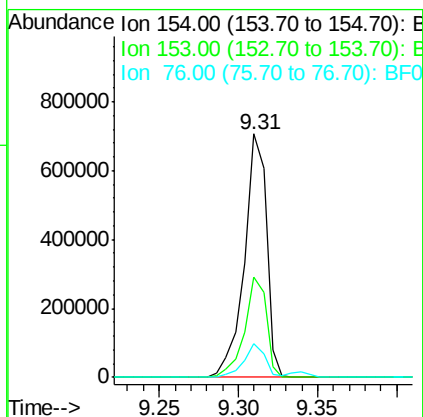
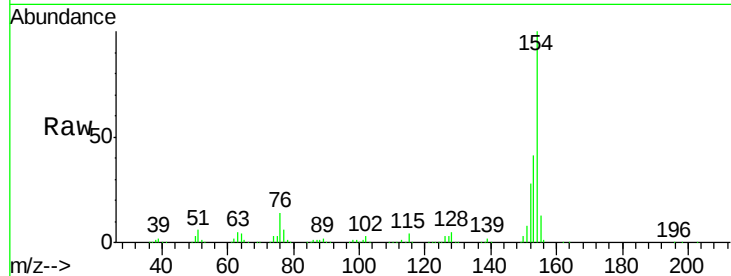
#45
 1,1'-Biphenyl
 Concen: 42.78 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	41.0	21.3	61.3
76	13.8	0.0	34.0

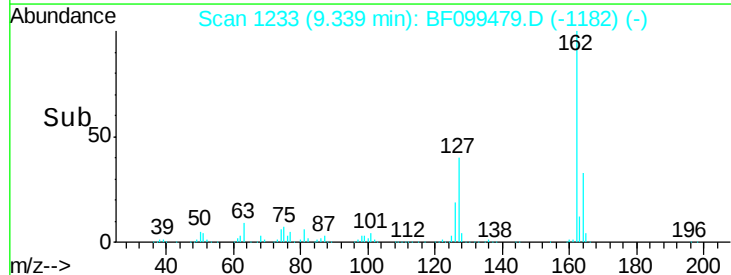
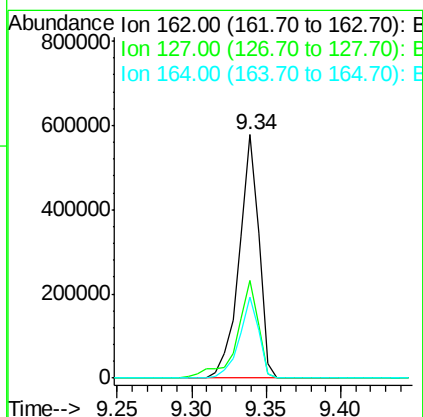
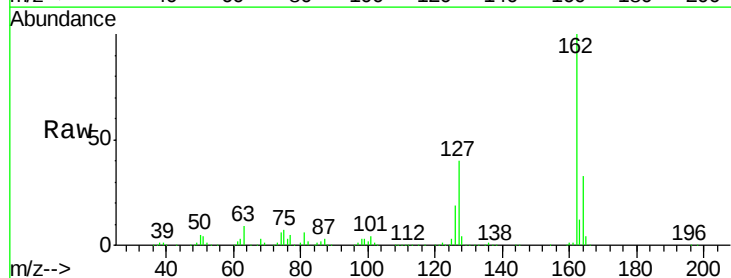
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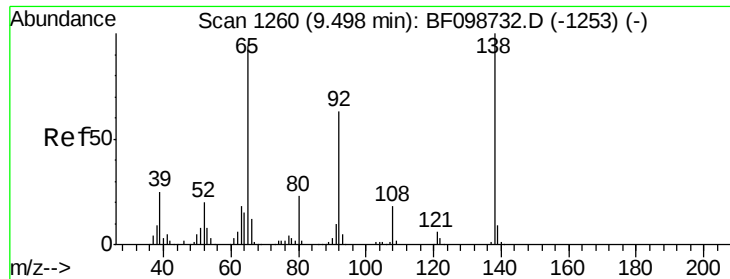
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#46
 2-Chloronaphthalene
 Concen: 44.55 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.0	33.9	50.9
164	33.2	26.5	39.7





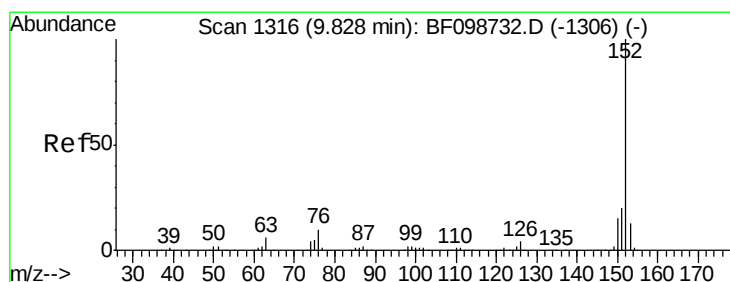
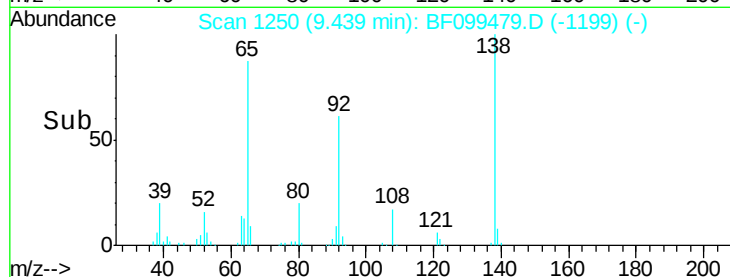
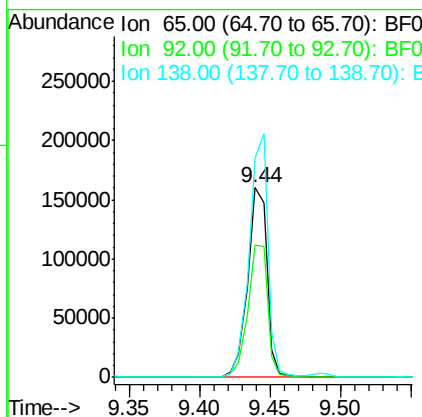
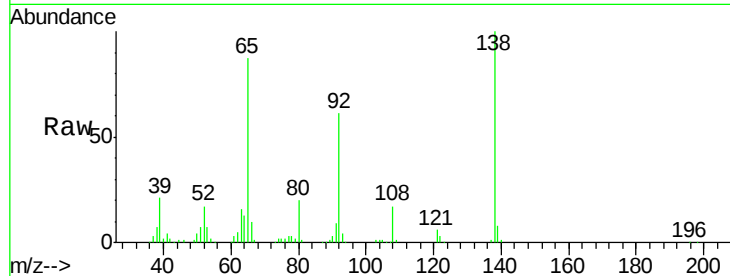
#47
2-Nitroaniline
Concen: 42.36 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampled :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	155068		
92	70.1	55.8	83.6	
138	115.6	91.2	136.8	

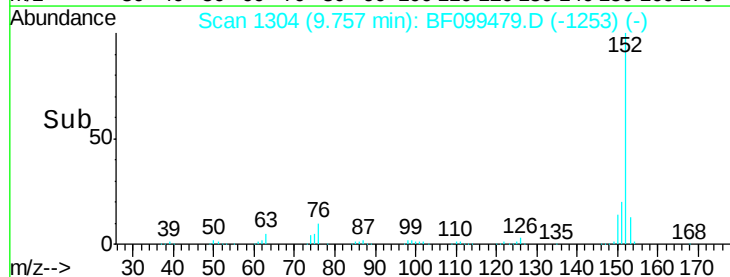
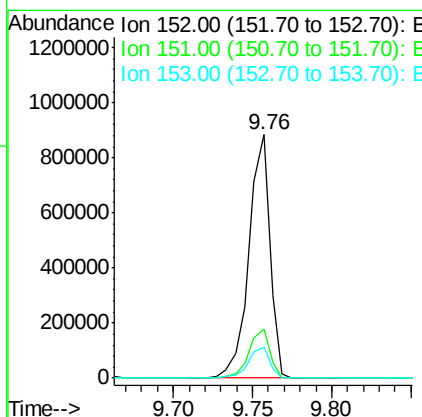
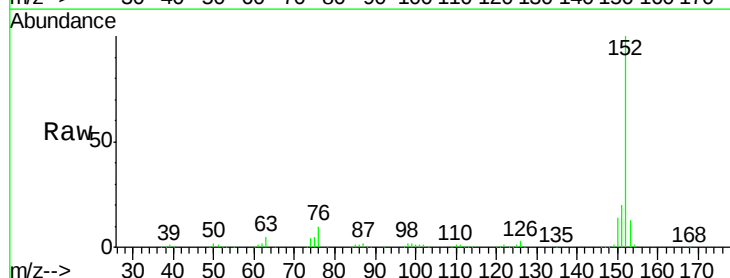
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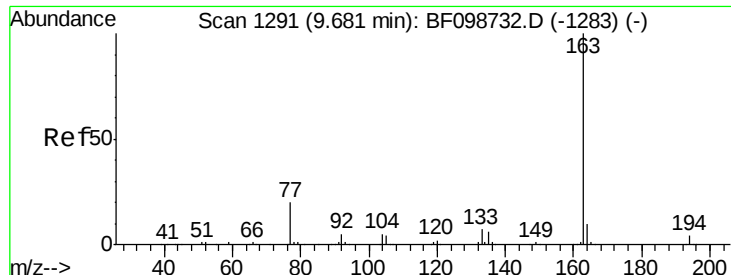
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#48
Acenaphthylene
Concen: 44.33 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	811397		
151	20.2	16.3	24.5	
153	12.9	10.7	16.1	





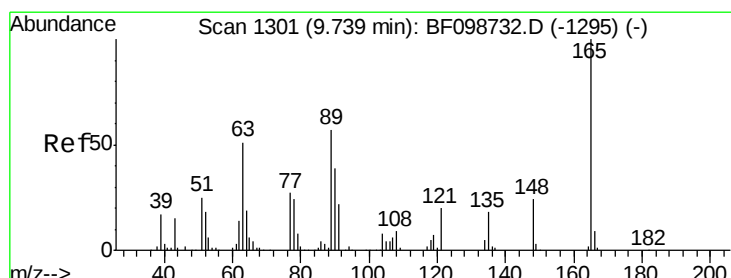
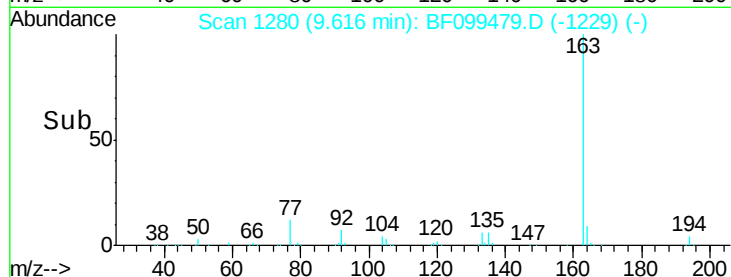
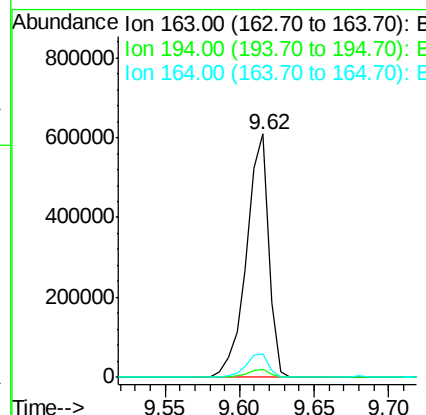
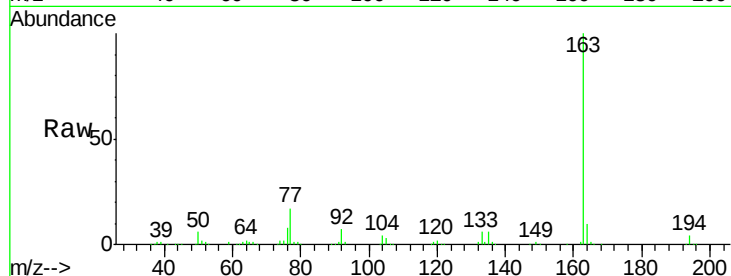
#49
Dimethylphthalate
Concen: 45.10 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

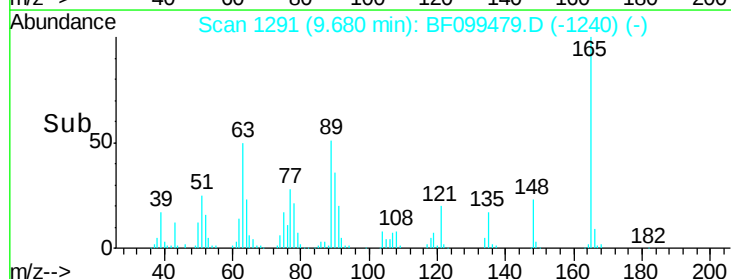
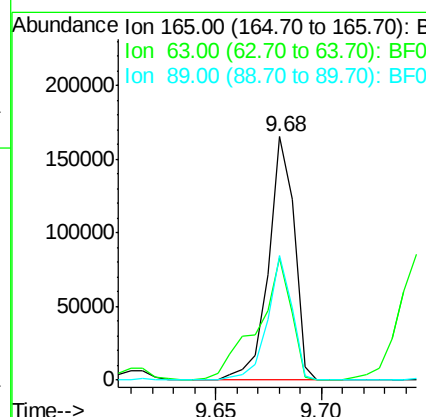
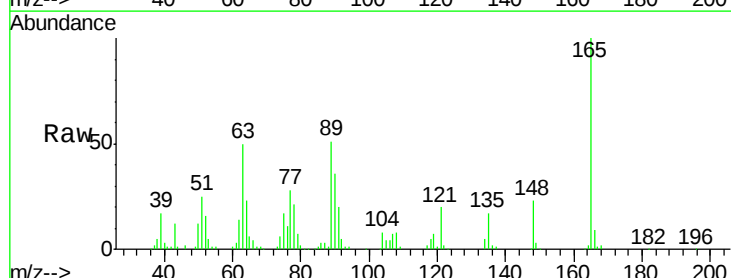
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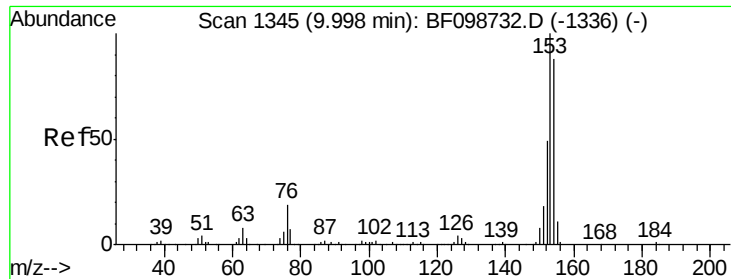
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#50
2,6-Dinitrotoluene
Concen: 46.12 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.4	44.7	67.1
89	51.4	44.0	66.0





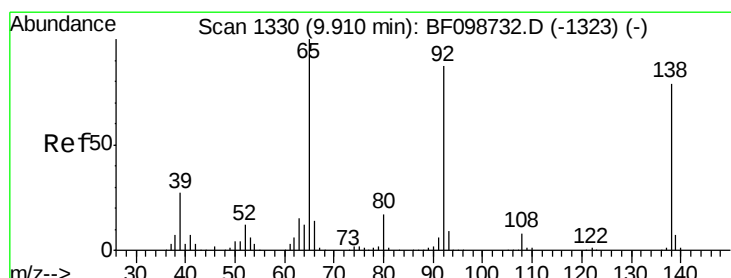
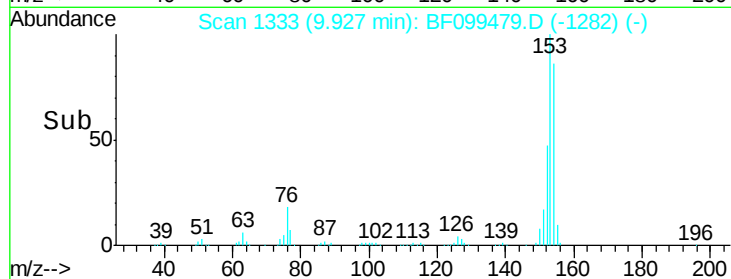
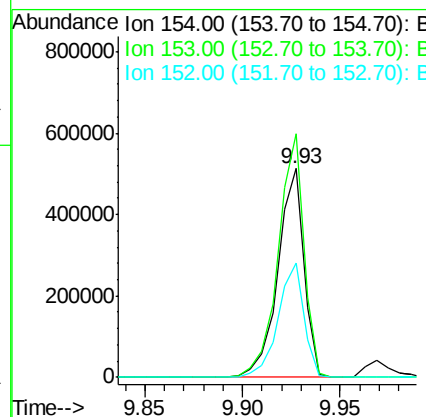
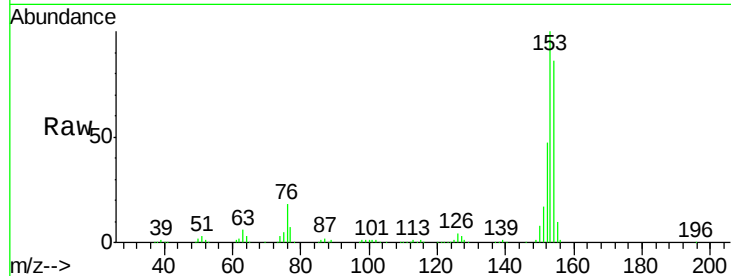
#51
Acenaphthene
Concen: 41.07 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.5	91.2	136.8
152	54.7	43.8	65.8

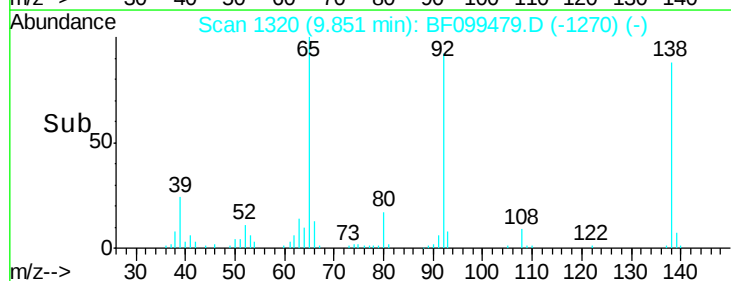
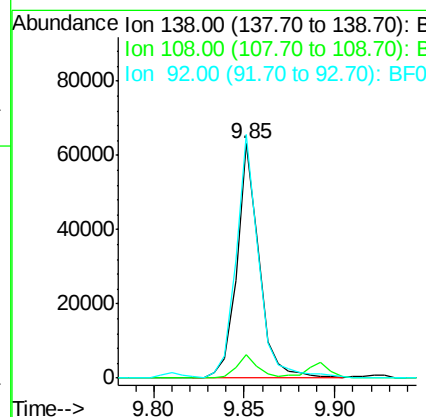
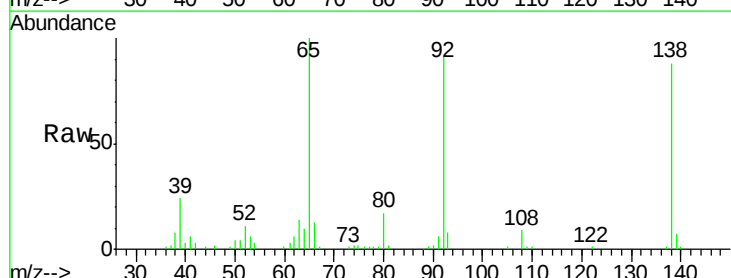
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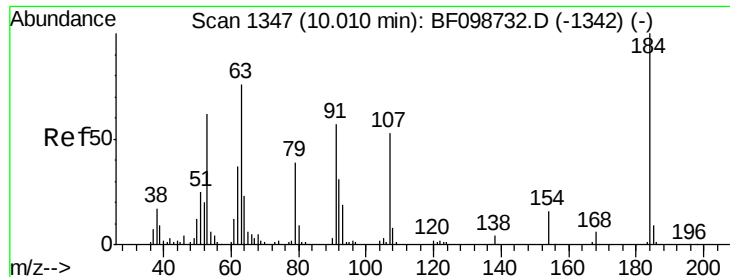
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#52
3-Nitroaniline
Concen: 15.31 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	103.8	89.4	134.2





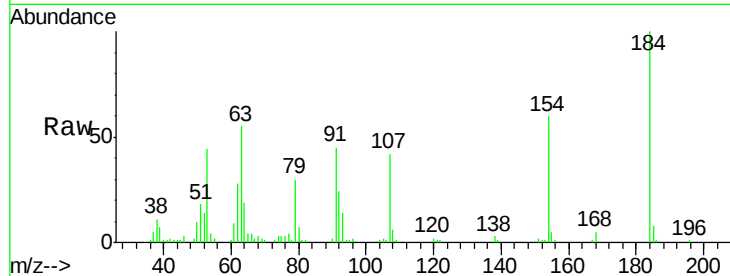
#53
2,4-Dinitrophenol
Concen: 46.01 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

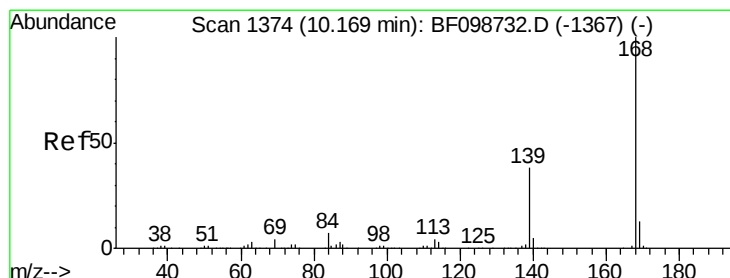
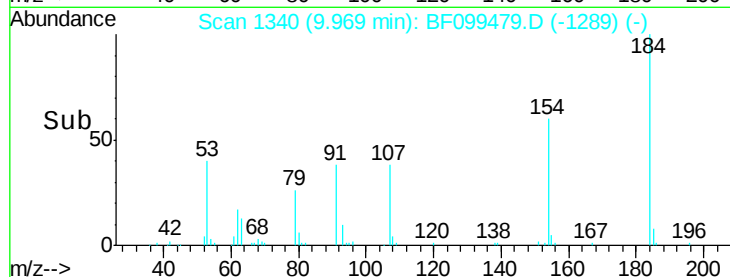
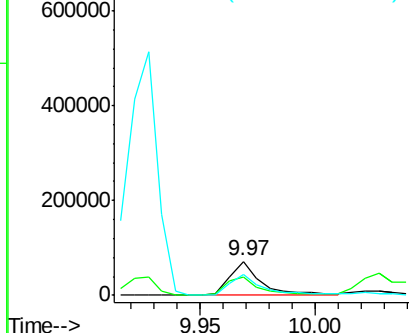
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.2	54.2	81.2
154	60.2	53.5	80.3

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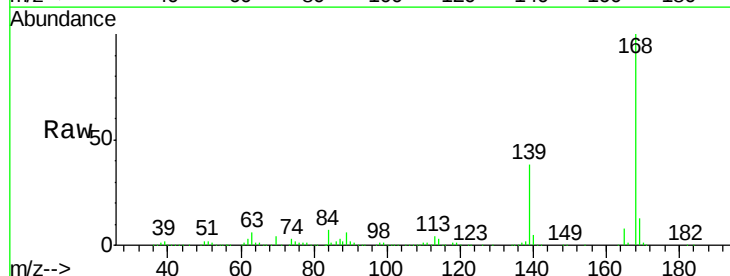


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

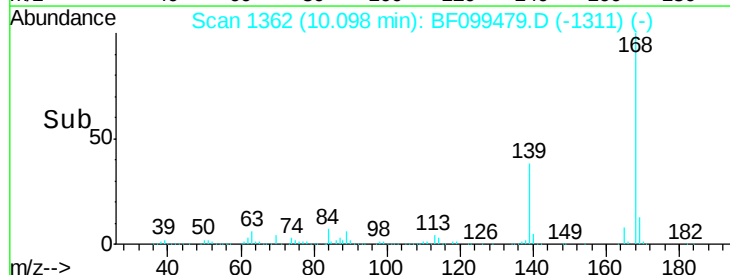
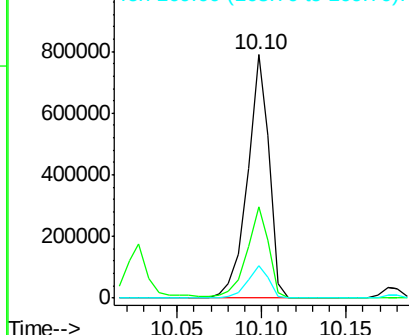


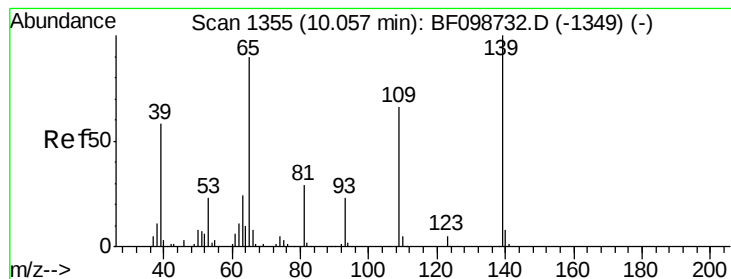
#54
Dibenzofuran
Concen: 45.69 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.4	10.9	16.3



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





#55

4-Nitrophenol

Concen: 53.66 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

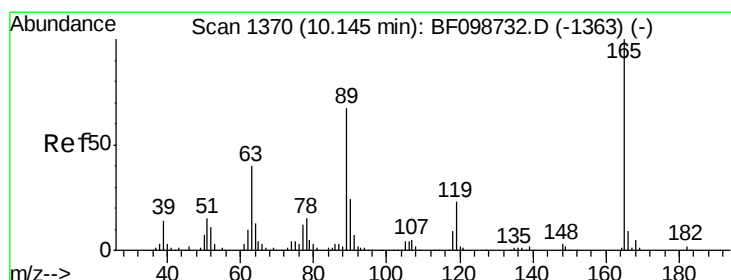
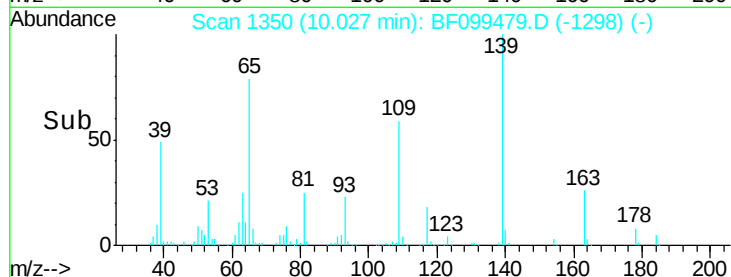
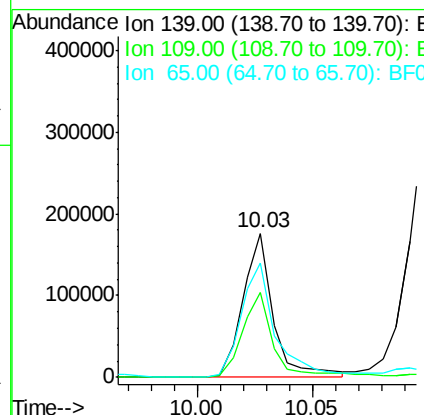
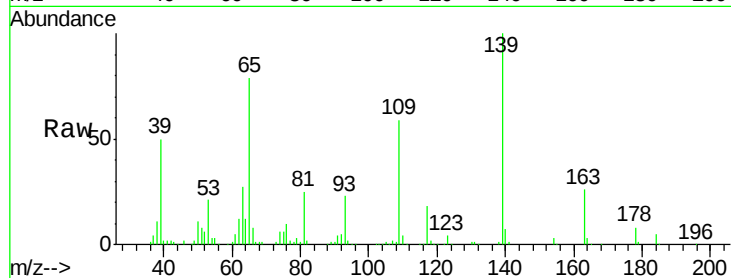
ClientSampleId :

PB103277BS

Tgt Ion:	139	Resp:	161051
Ion Ratio	Lower	Upper	
139	100		
109	59.3	48.4	88.4
65	79.3	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 44.28 ng

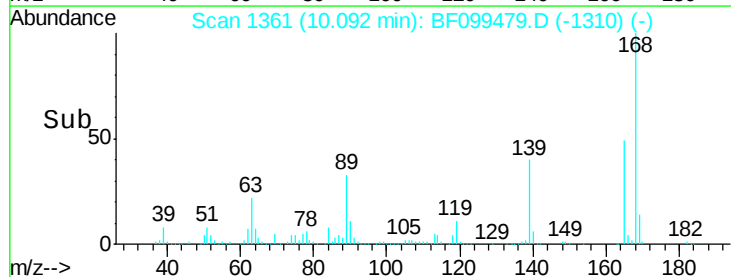
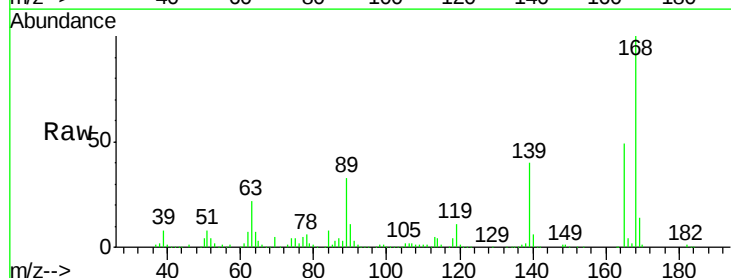
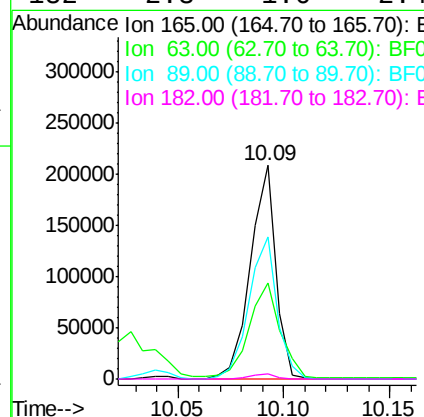
RT: 10.09 min Scan# 1361

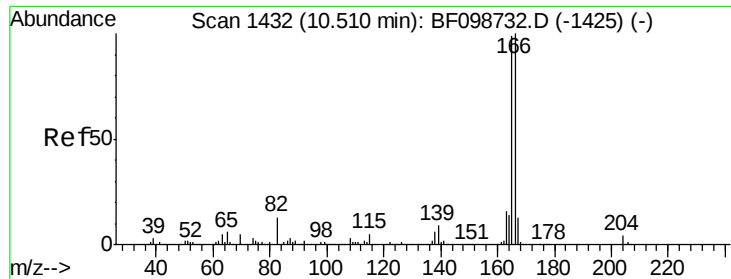
Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	165	Resp:	174965
Ion Ratio	Lower	Upper	
165	100		
63	44.7	36.4	54.6
89	66.3	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 45.09 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

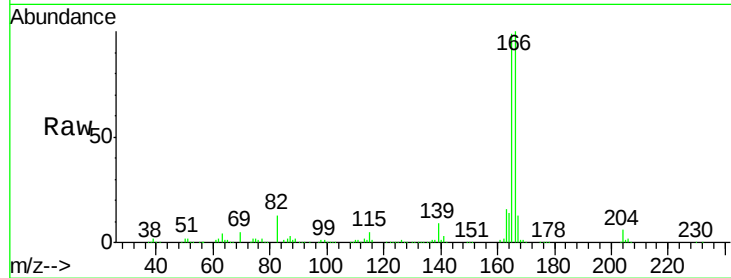
ClientSampleId :

PB103277BS

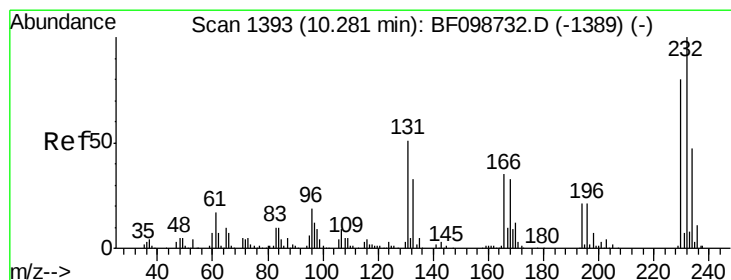
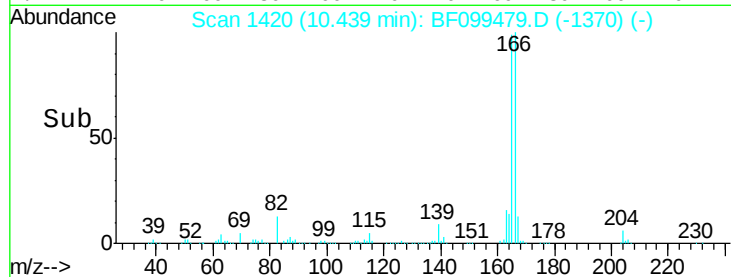
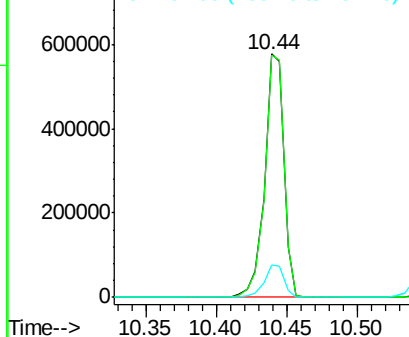
Tgt Ion:	166	Resp:	559442
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.8	119.8
167	13.5	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.89 ng

RT: 10.22 min Scan# 1383

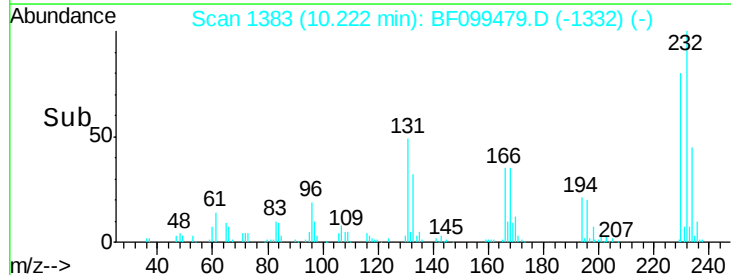
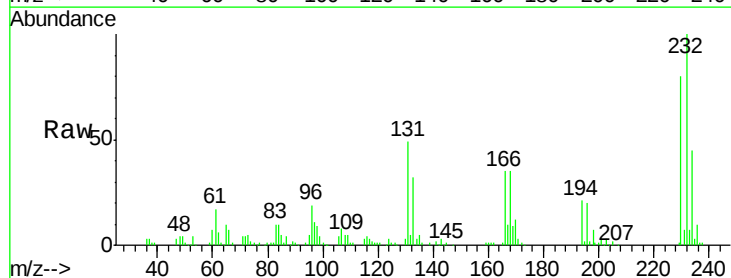
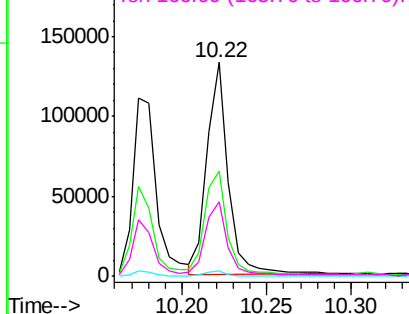
Delta R.T. 0.00 min

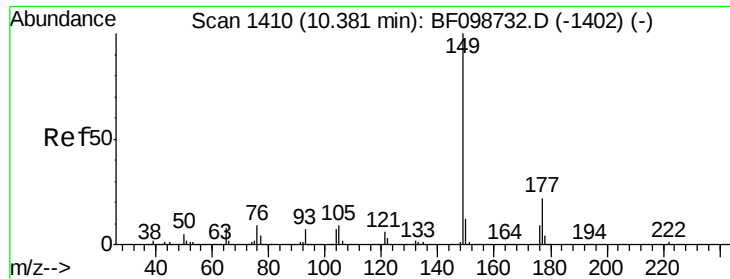
Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	232	Resp:	118470
Ion Ratio	Lower	Upper	
232	100		
131	51.6	43.8	65.8
130	2.4	2.1	3.1
166	36.0	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





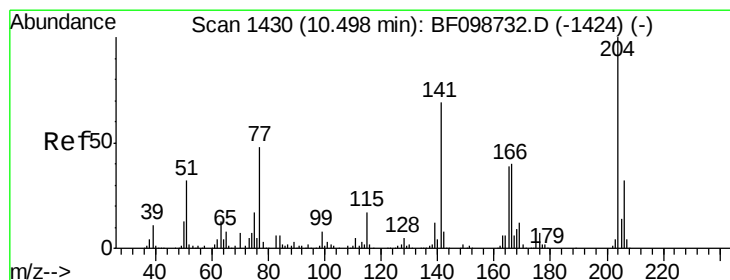
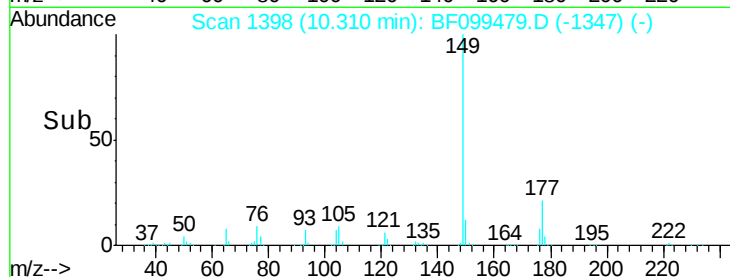
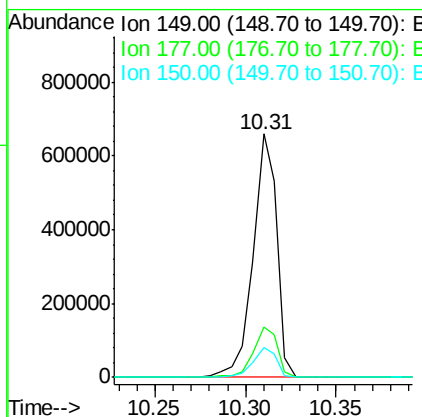
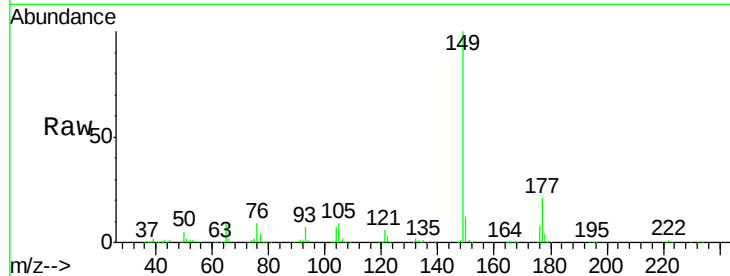
#59
Diethylphthalate
Concen: 43.68 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	596785		
177	20.9	16.1	24.1	
150	12.5	10.1	15.1	

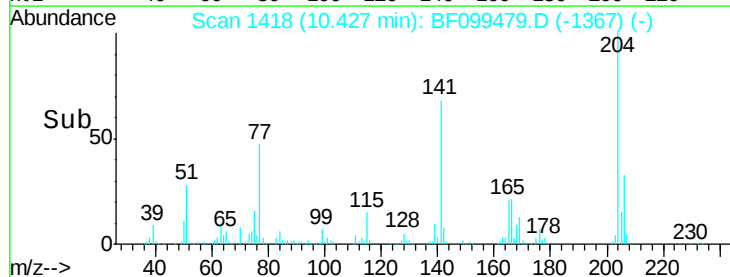
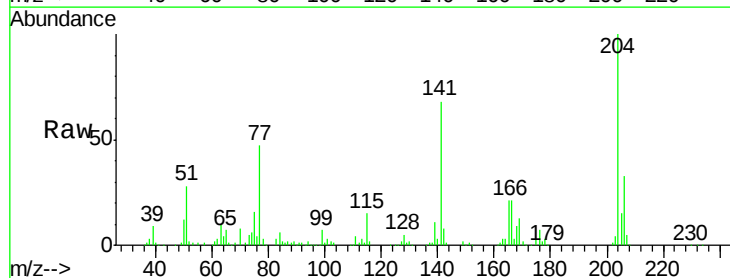
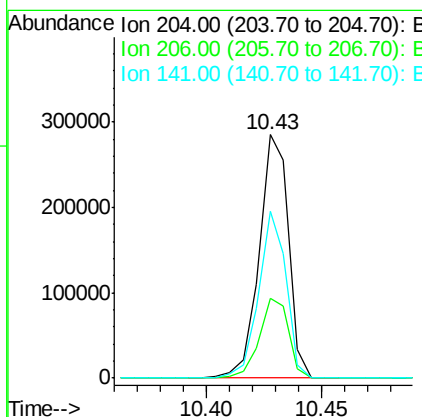
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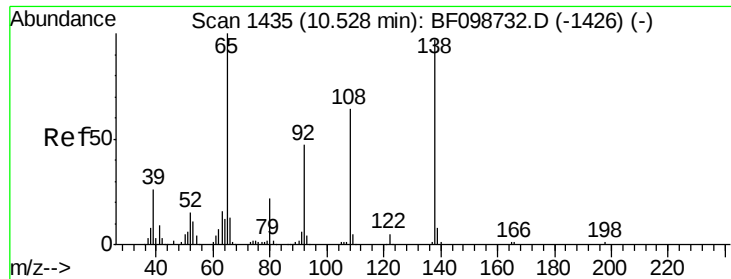
Sohil
10/15/2017 12:41:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.33 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	252642		
206	33.0	26.5	39.7	
141	68.5	54.6	81.8	





#61

4-Nitroaniline

Concen: 44.89 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

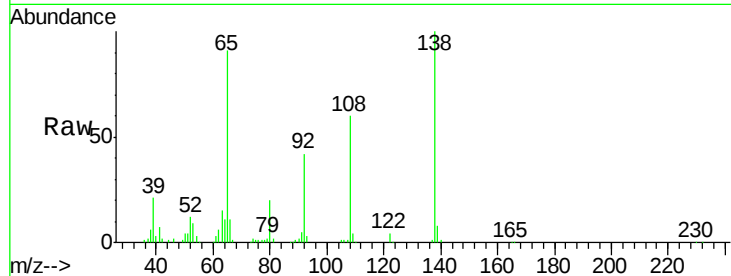
ClientSampleId :

PB103277BS

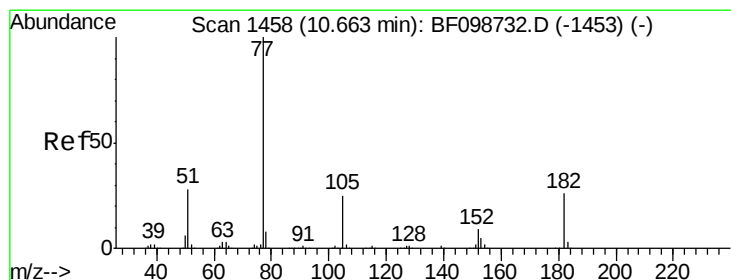
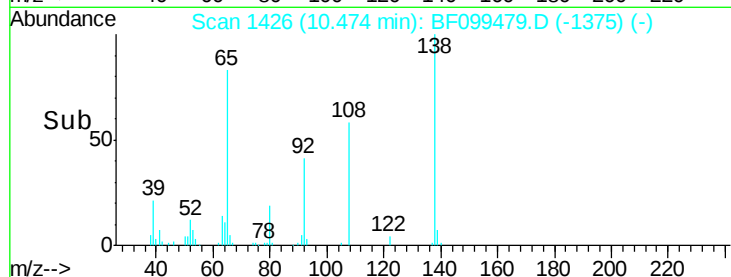
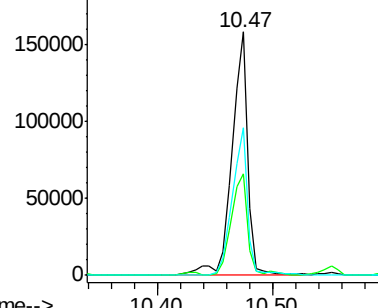
Tgt Ion:	138	Resp:	153729
Ion Ratio	Lower	Upper	
138	100		
92	41.6	30.2	70.2
108	60.4	52.5	92.5

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.32 ng

RT: 10.59 min Scan# 1446

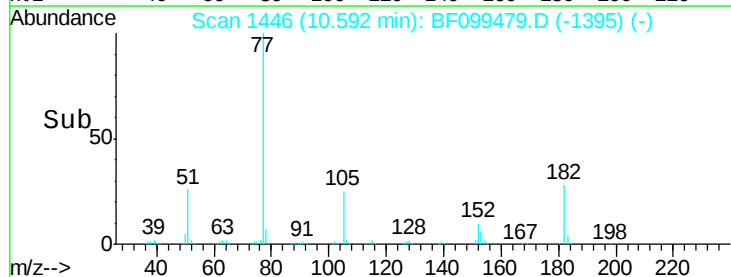
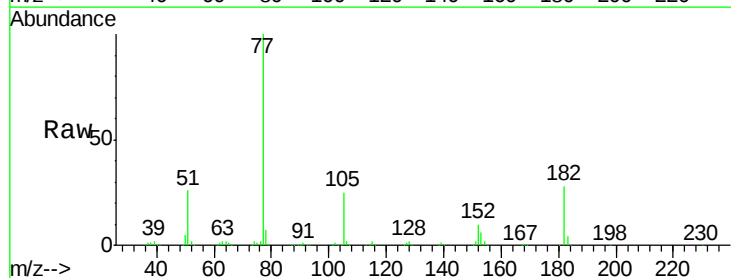
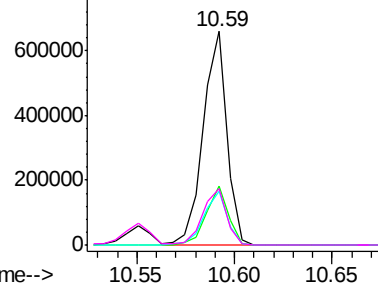
Delta R.T. 0.00 min

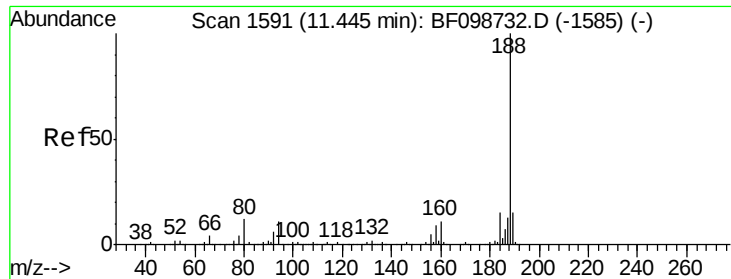
Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	77	Resp:	556792
Ion Ratio	Lower	Upper	
77	100		
182	27.6	1.7	41.7
105	25.4	3.0	43.0
51	26.3	9.9	49.9

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





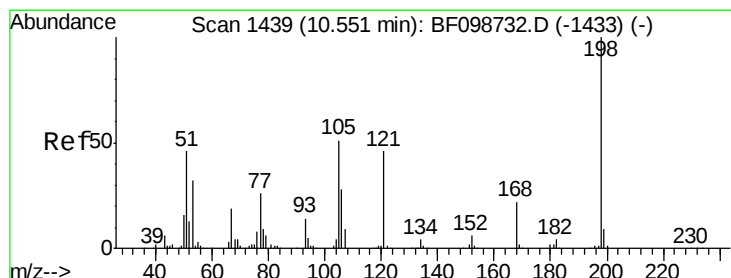
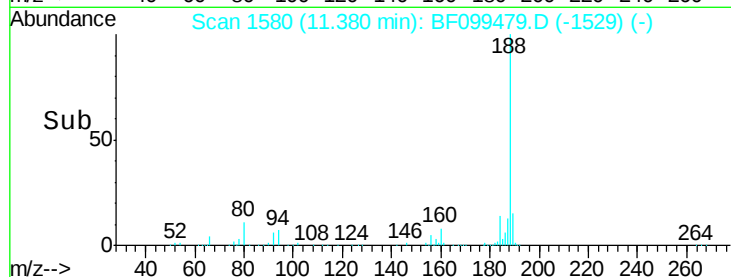
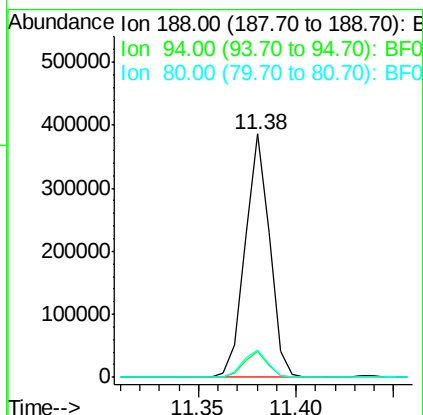
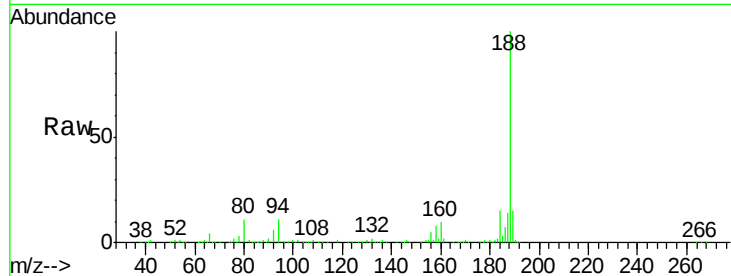
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	334738		
94	10.5	8.5	12.7	
80	11.2	9.2	13.8	

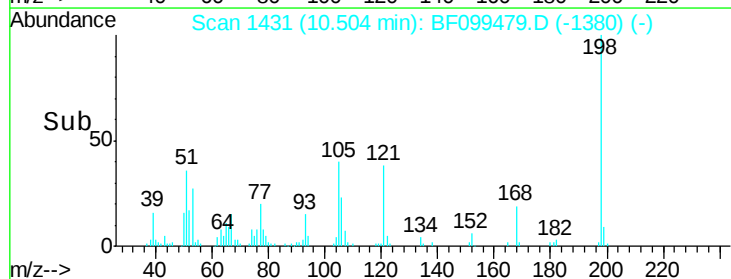
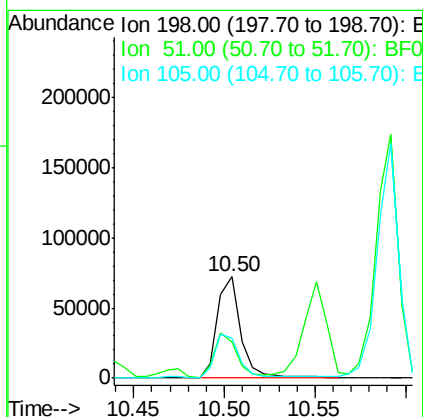
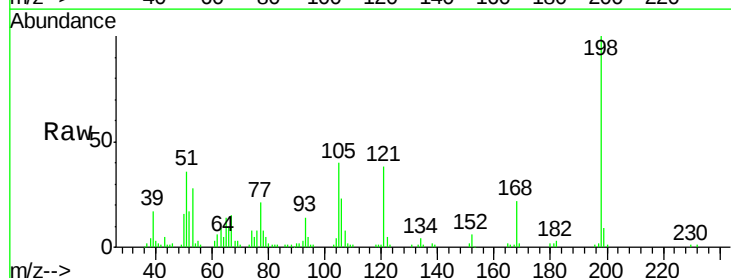
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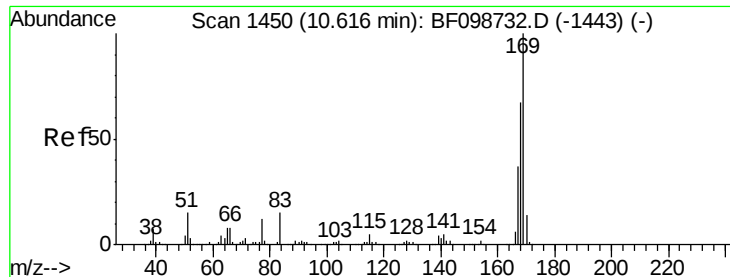
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.24 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	65660		
51	36.2	37.7	77.7#	
105	40.0	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 43.97 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB103277BS

Tgt Ion:169 Resp: 509898

Ion Ratio Lower Upper

169 100

168 66.2 54.4 81.6

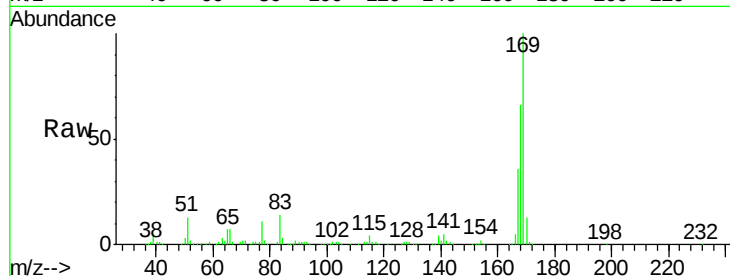
167 36.3 29.8 44.6

Manual Integrations

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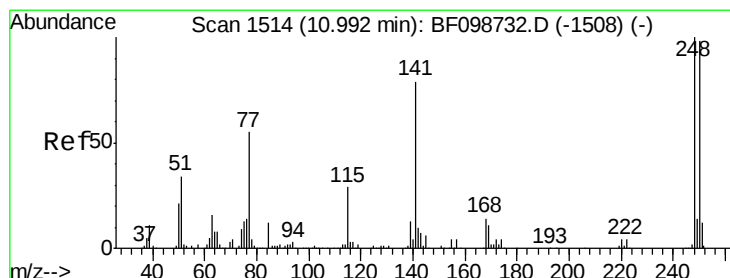
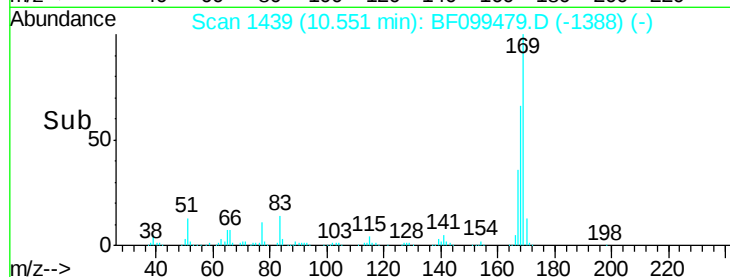
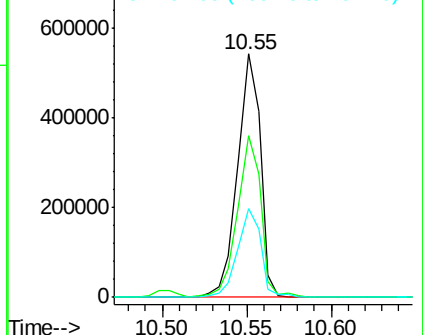
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.54 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

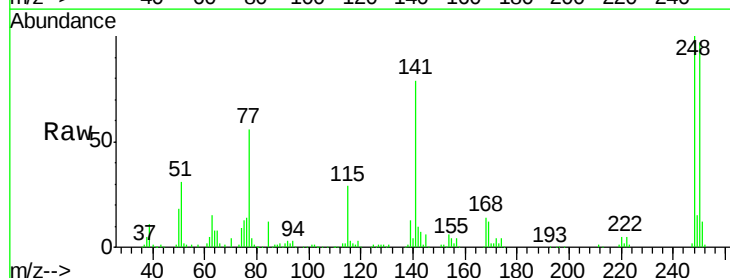
Tgt Ion:248 Resp: 149216

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

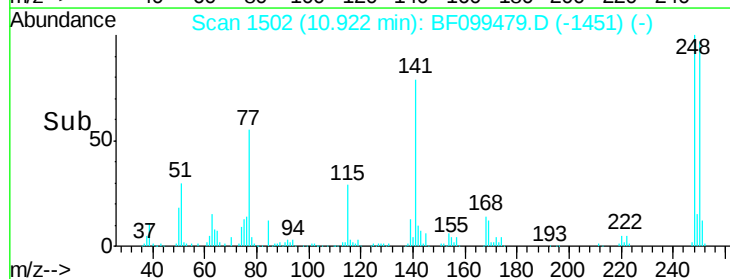
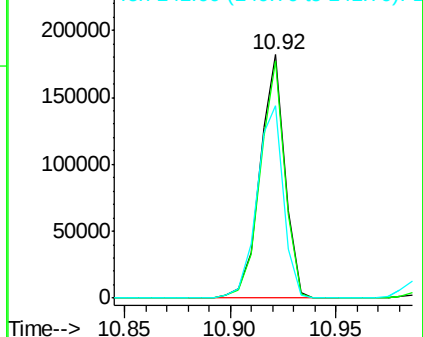
141 79.1 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





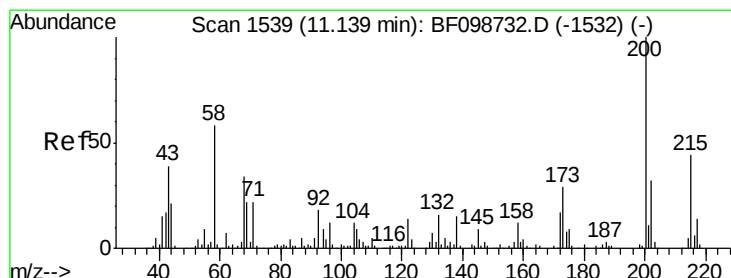
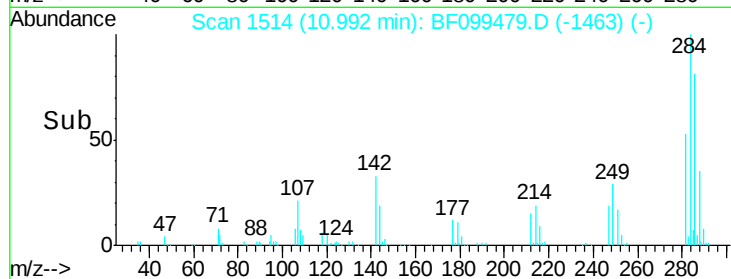
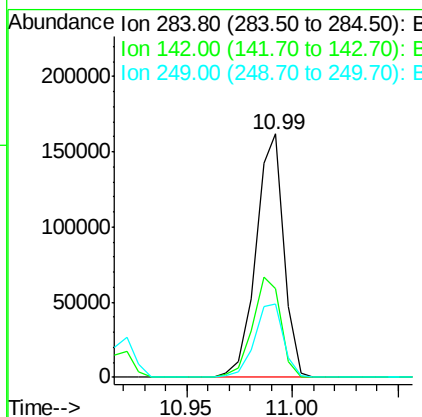
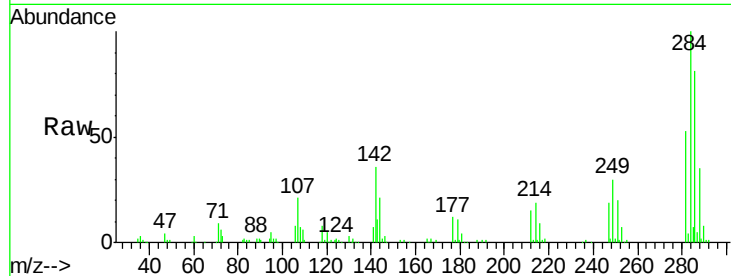
#67
Hexachlorobenzene
Concen: 42.47 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	36.4	34.6	52.0
249	30.3	24.8	37.2

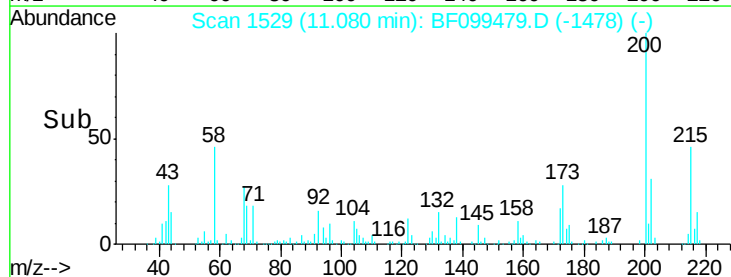
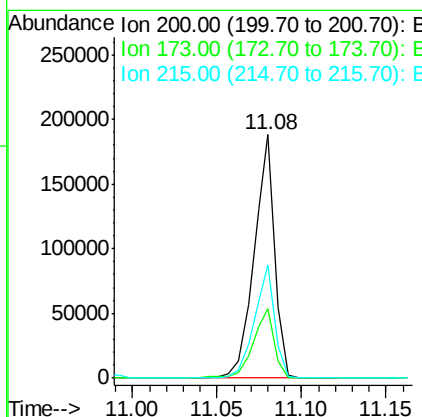
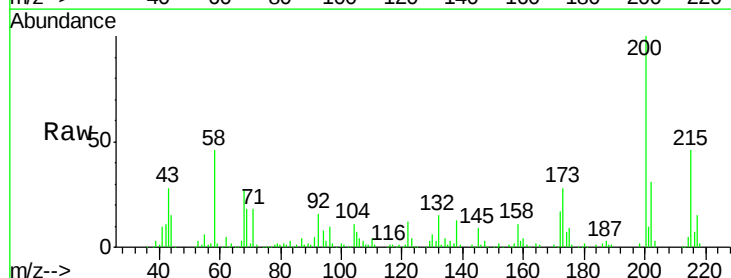
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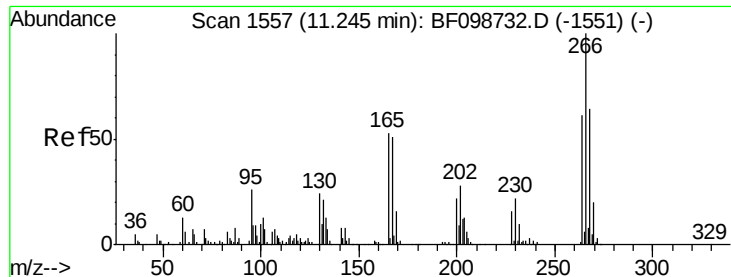
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#68
Atrazine
Concen: 45.61 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	8.6	48.6
215	46.5	25.1	65.1





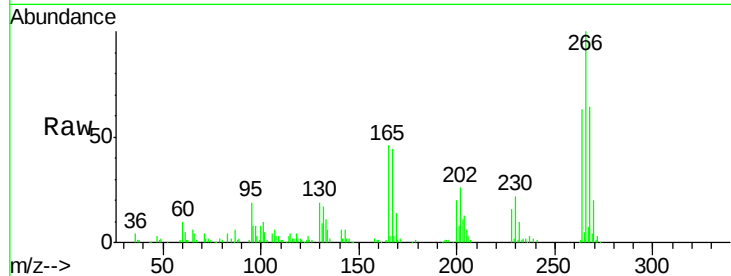
#69
 Pentachlorophenol
 Concen: 52.42 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampled :
 PB103277BS

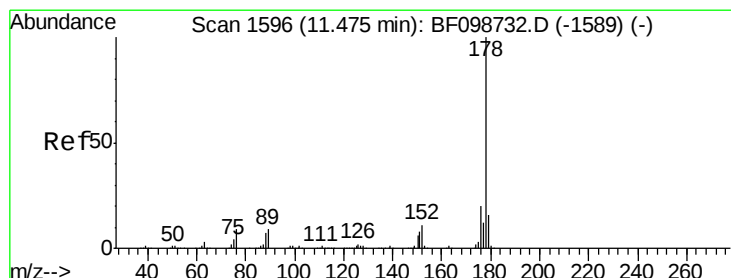
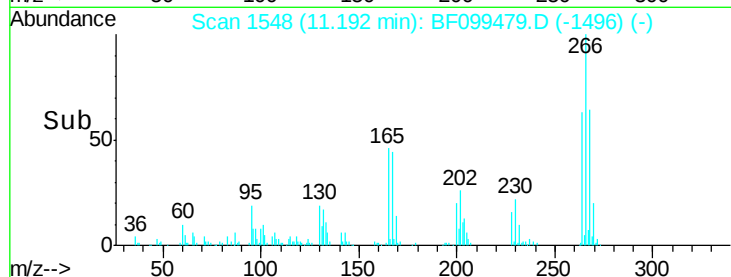
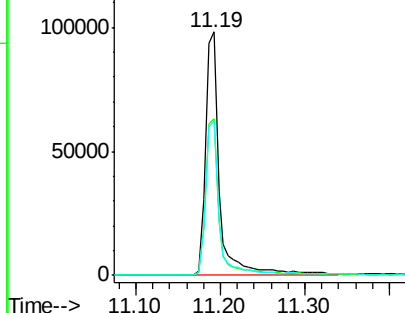
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	114177		
268	64.4	51.1	76.7	
264	63.1	49.5	74.3	

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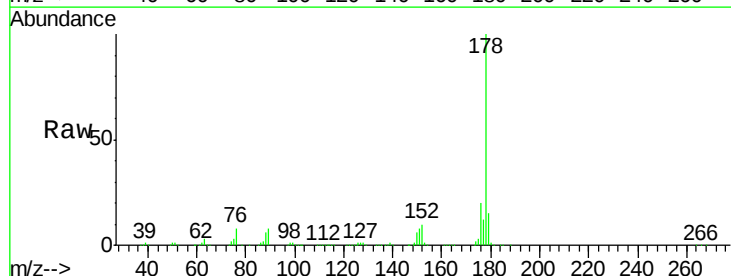


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

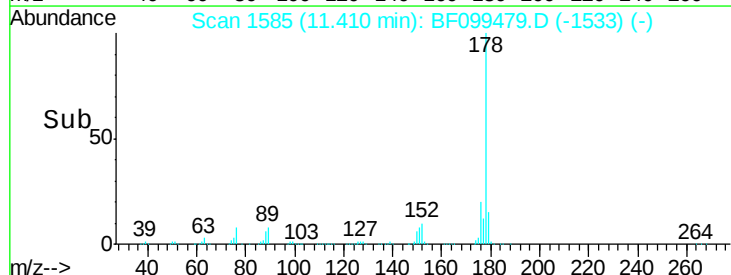
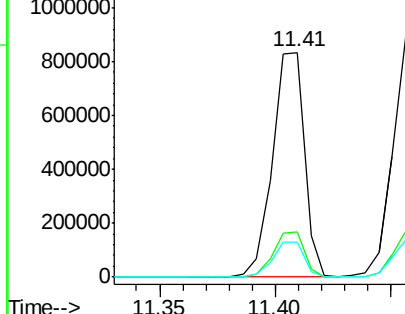


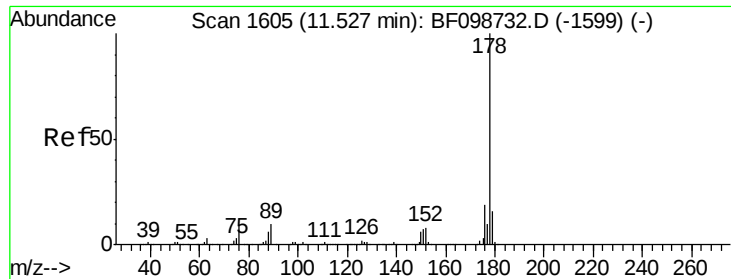
#70
 Phenanthrene
 Concen: 44.67 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	800327		
176	19.9	15.8	23.8	
179	15.3	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.84 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

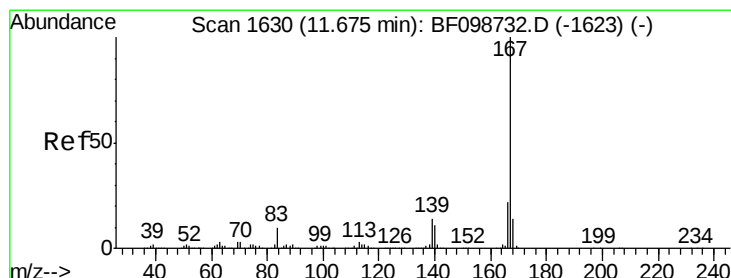
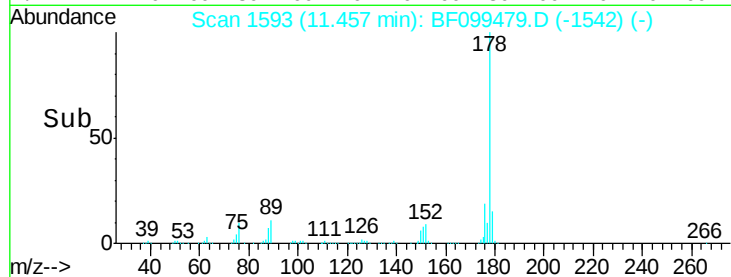
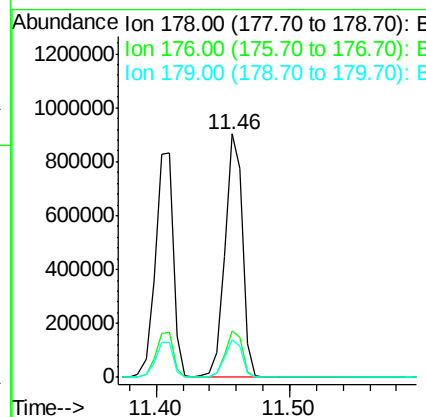
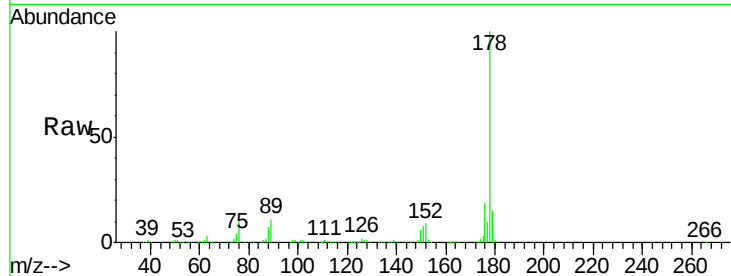
ClientSampleId :

PB103277BS

Tgt Ion:	178	Resp:	840412
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0

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#72

Carbazole

Concen: 42.99 ng

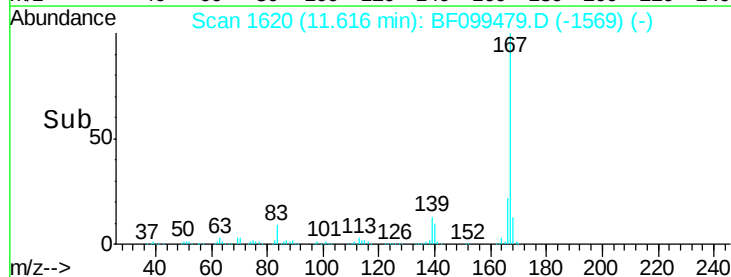
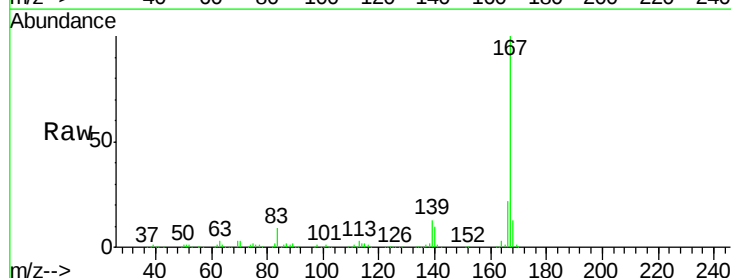
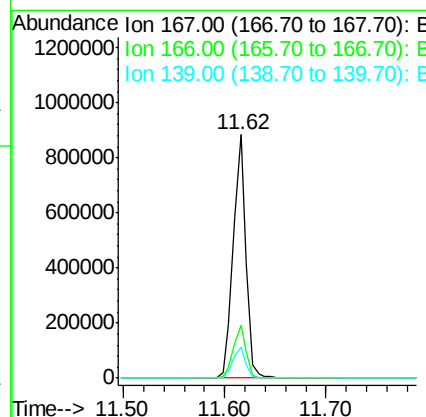
RT: 11.62 min Scan# 1620

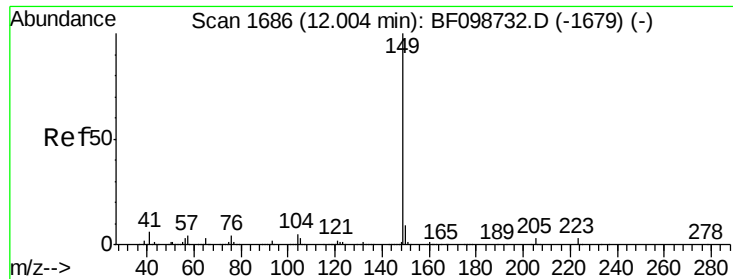
Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	167	Resp:	771803
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 43.72 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

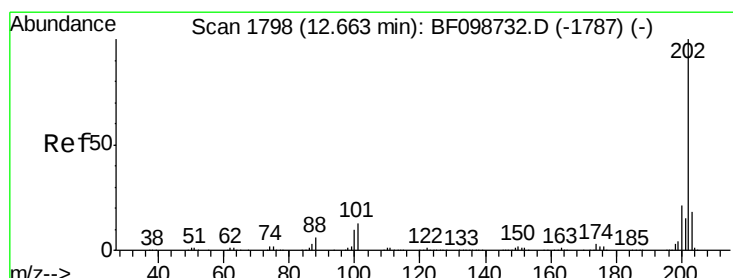
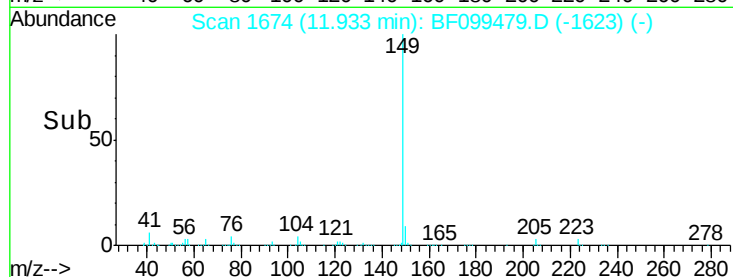
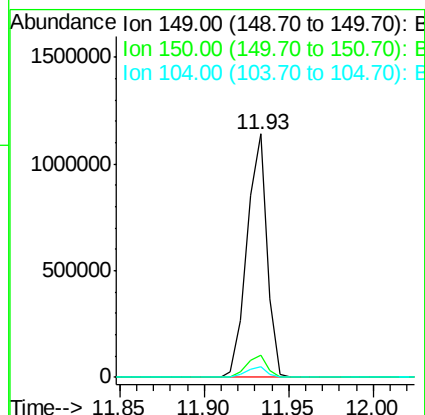
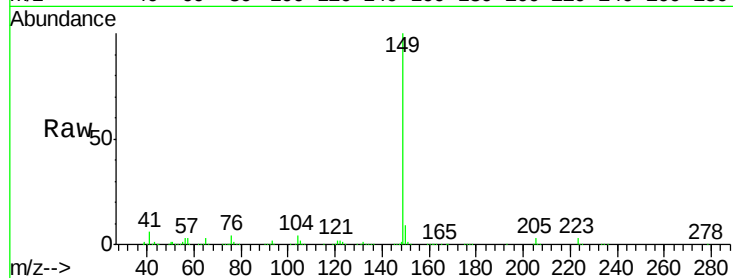
ClientSampleId :

PB103277BS

Tgt Ion:	149	Resp:	944683
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.3	3.8	5.8

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#74

Fluoranthene

Concen: 45.31 ng

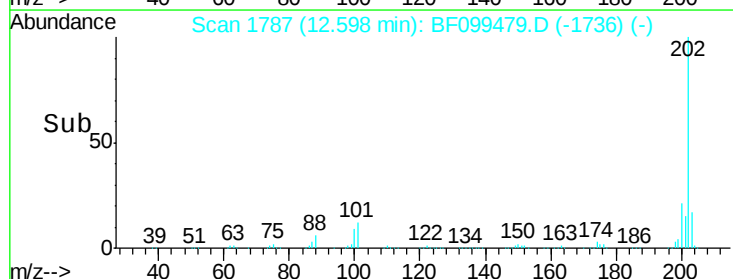
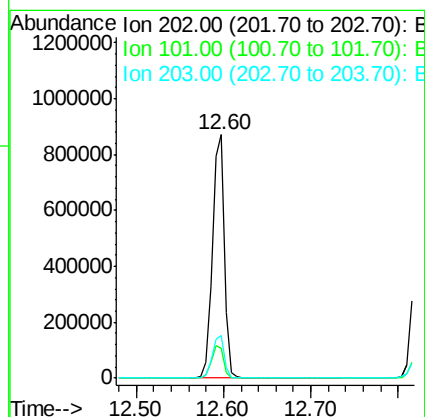
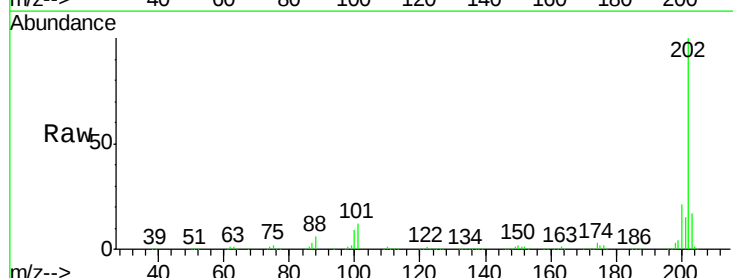
RT: 12.60 min Scan# 1787

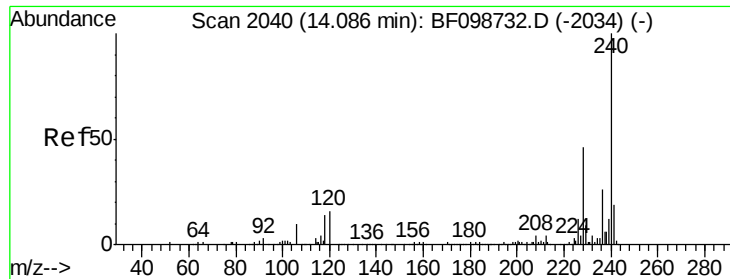
Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	202	Resp:	822065
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	17.3	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: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

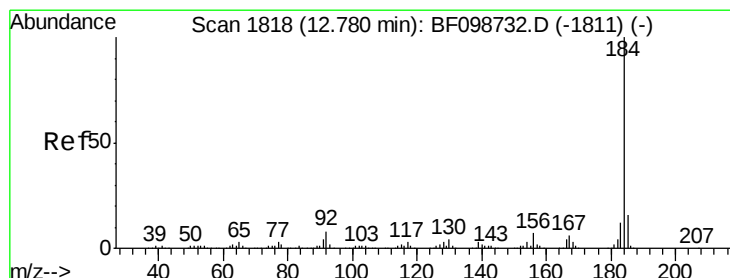
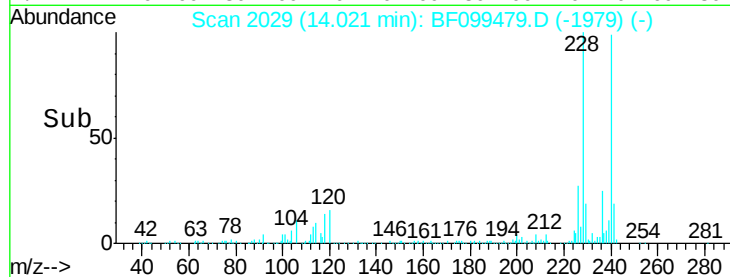
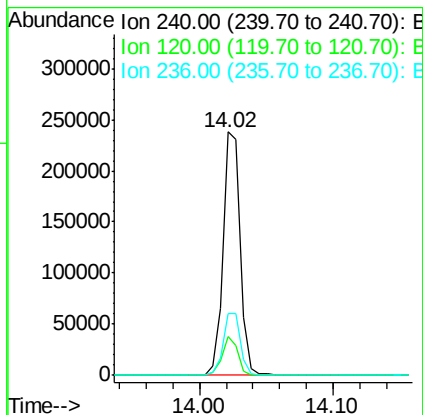
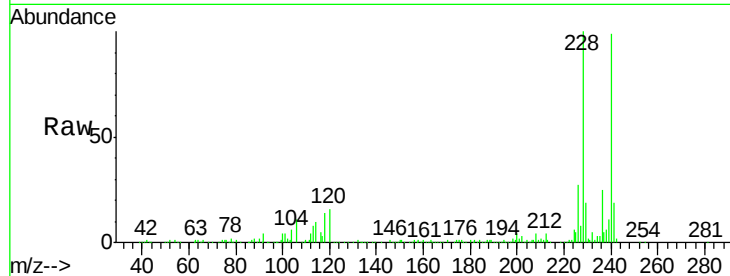
ClientSampleId :

PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	216939		
120	15.9	9.5	14.3#	
236	25.5	20.7	31.1	

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#76

Benzidine

Concen: 26.04 ng

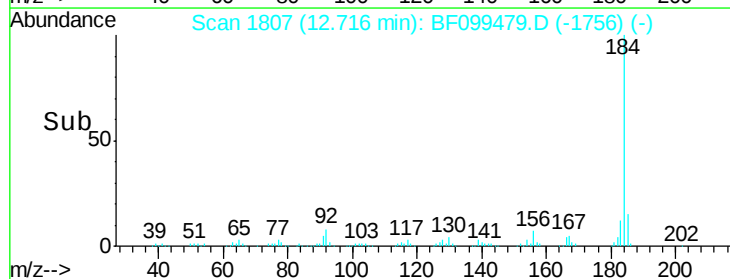
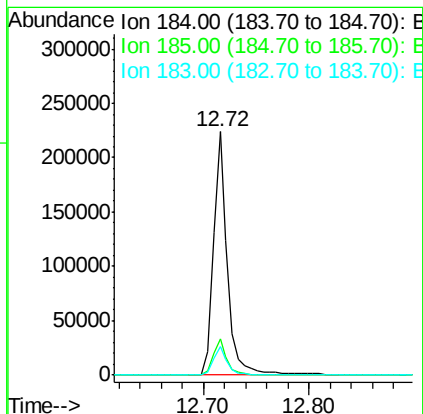
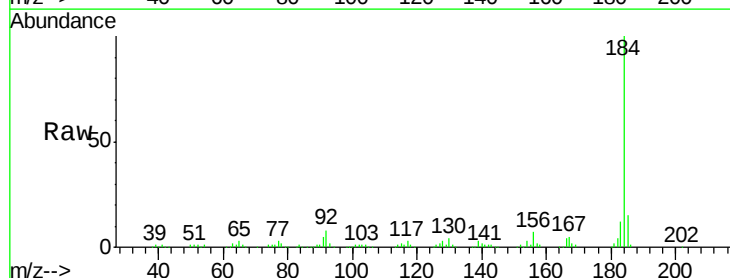
RT: 12.72 min Scan# 1807

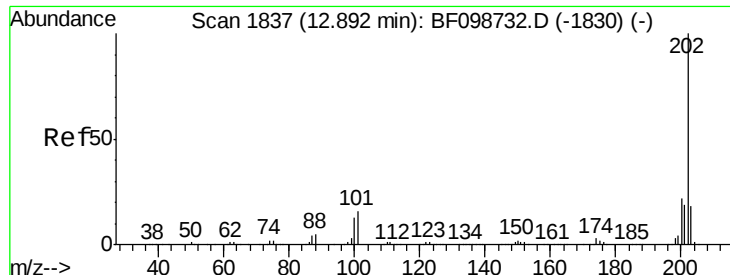
Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	208931		
185	14.7	12.6	18.8	
183	11.8	9.3	13.9	





#77

Pyrene

Concen: 49.83 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

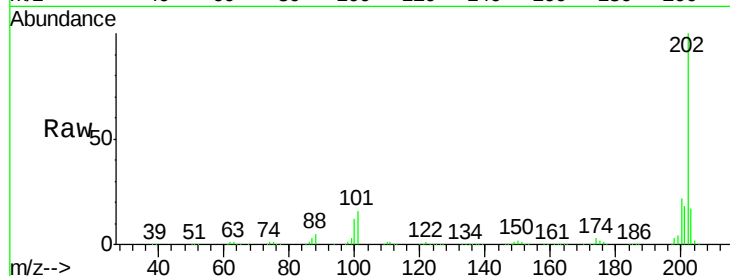
ClientSampleId :

PB103277BS

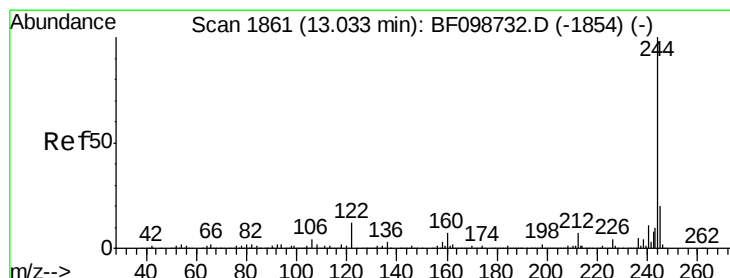
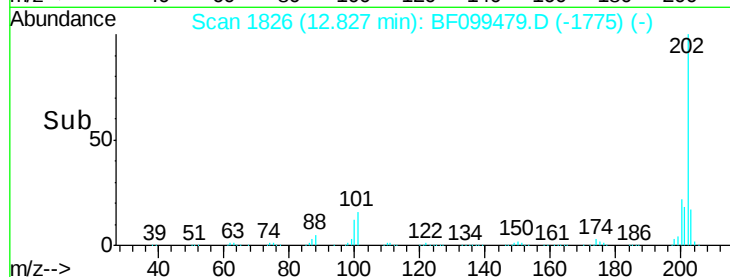
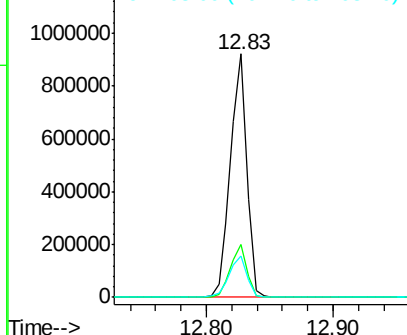
Tgt Ion:	202	Resp:	824332
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.2	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 93.79 ng

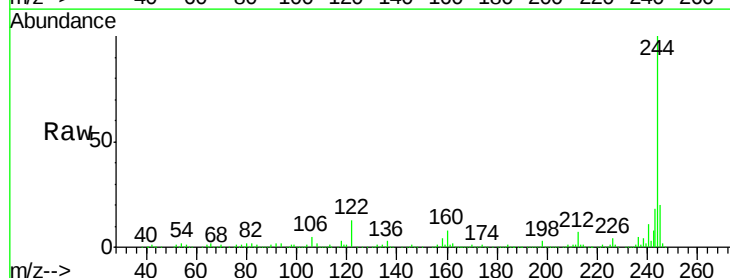
RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

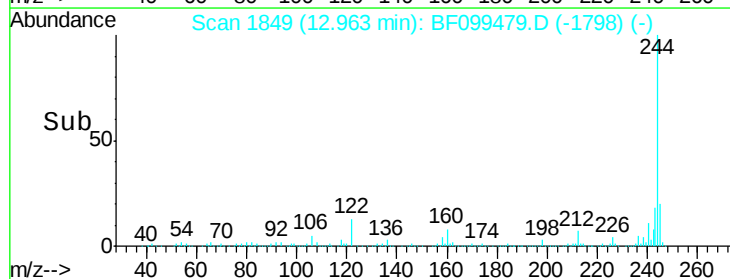
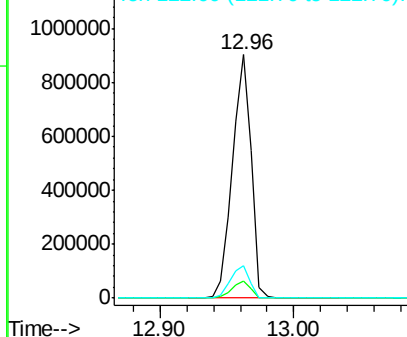
Lab File: BF099479.D

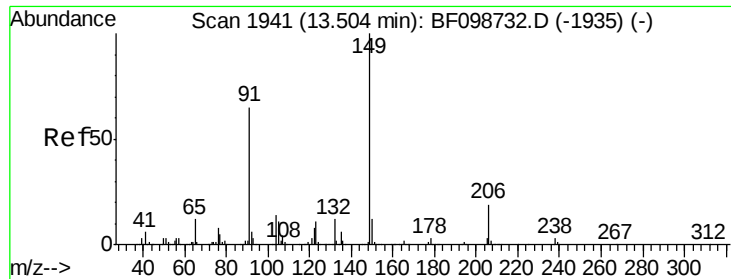
Acq: 14 Oct 2017 16:19

Tgt Ion:	244	Resp:	894708
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4



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





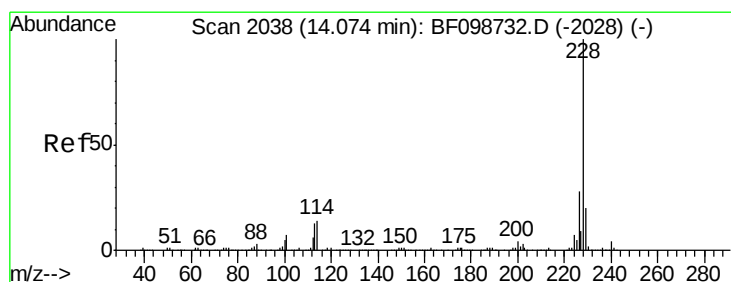
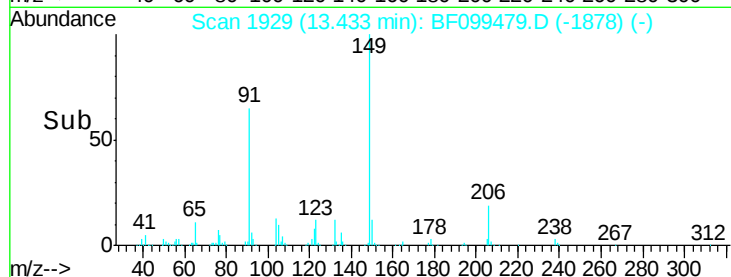
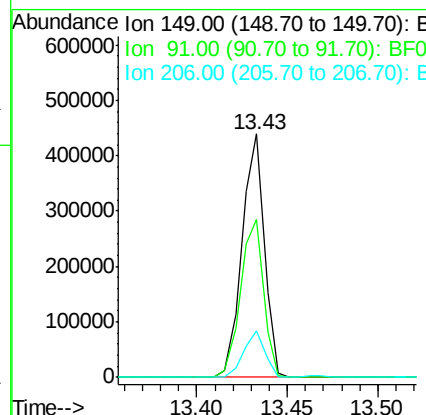
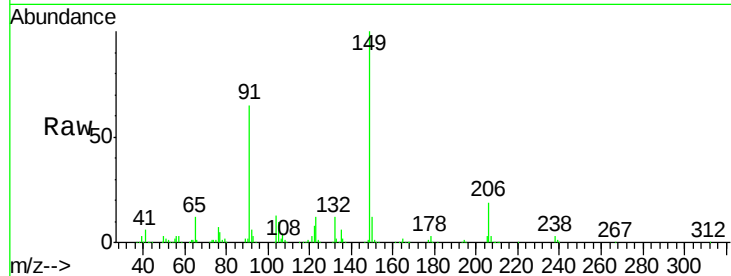
#79
Butylbenzylphthalate
Concen: 48.56 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	377518		
91	64.8	56.8	85.2	
206	19.2	14.1	21.1	

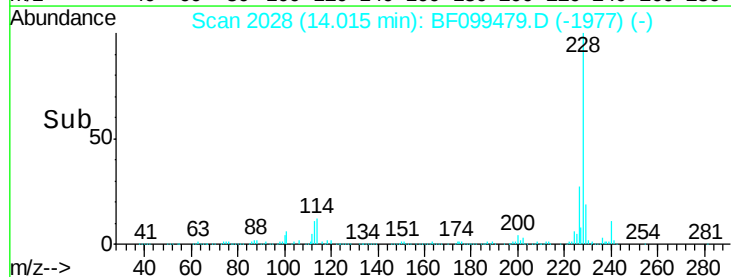
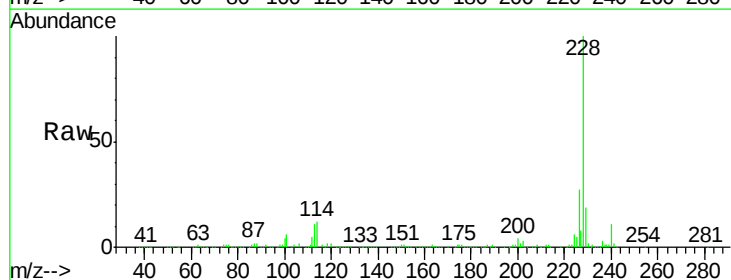
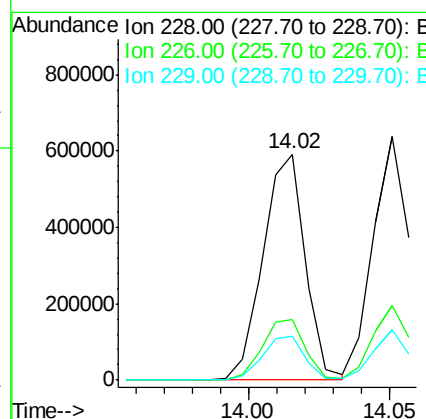
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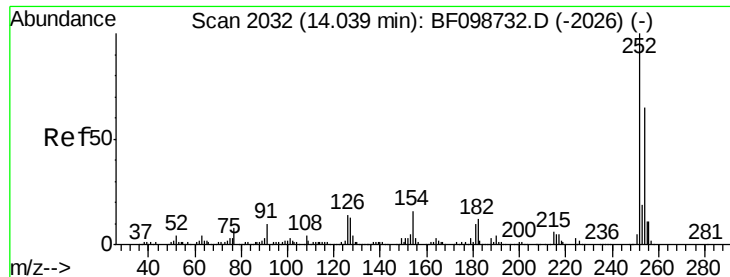
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#80
Benzo(a)anthracene
Concen: 46.51 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	611008		
226	26.7	22.6	33.8	
229	19.2	15.8	23.6	





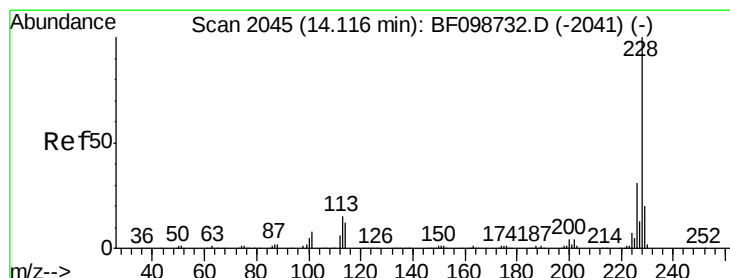
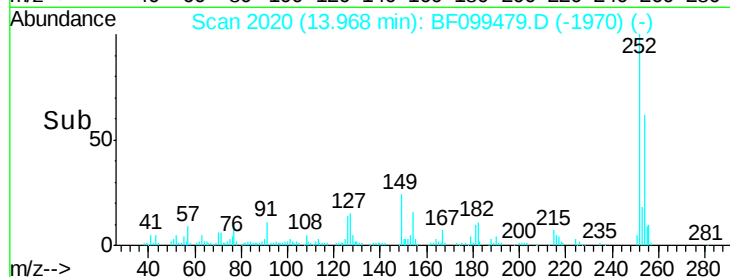
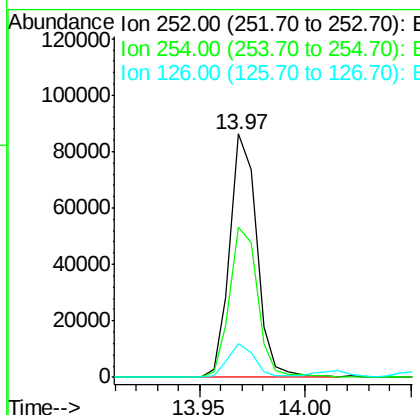
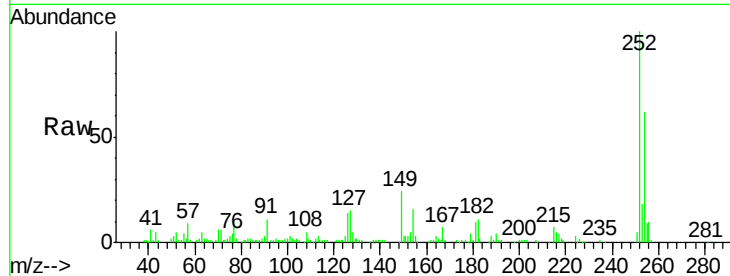
#81
 3,3'-Dichlorobenzidine
 Concen: 15.93 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.8	50.4	75.6
126	13.9	11.3	16.9

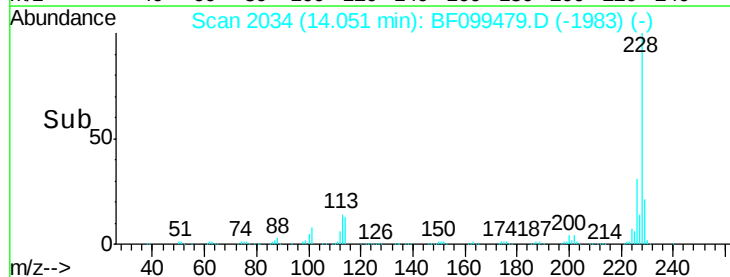
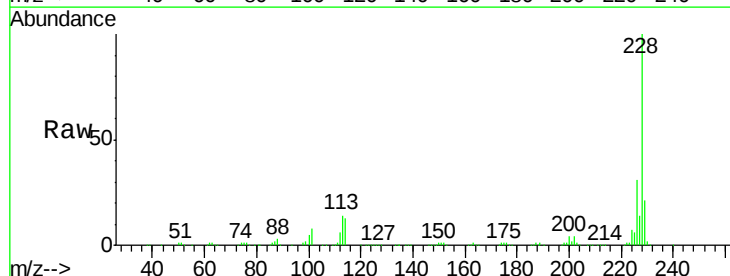
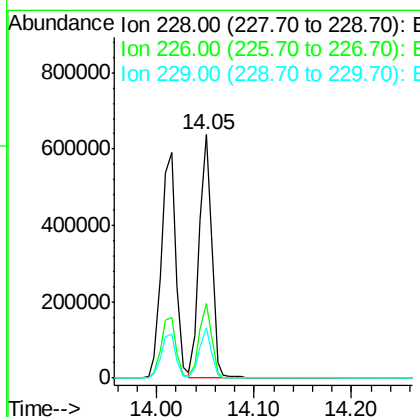
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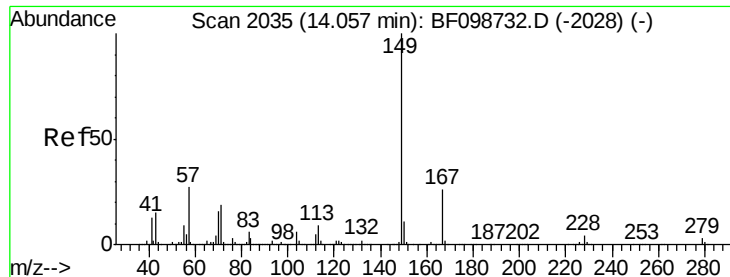
Sohil
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#82
 Chrysene
 Concen: 45.41 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.5	16.2	24.4





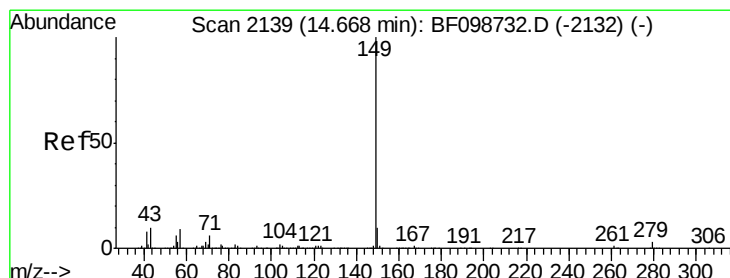
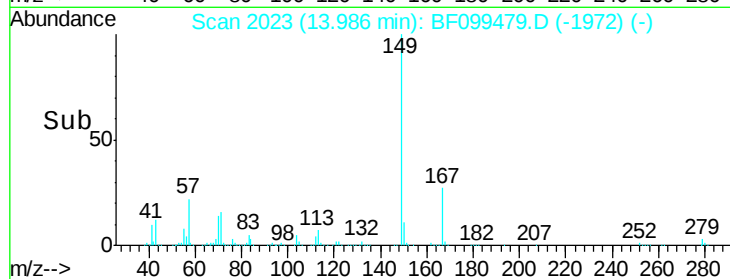
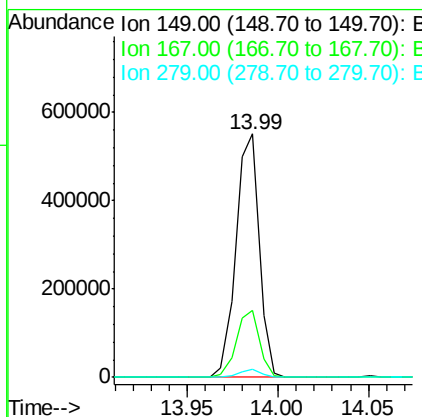
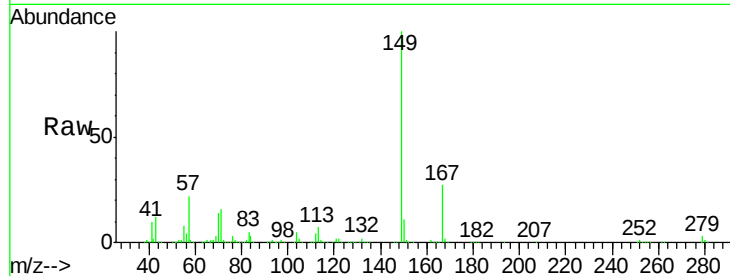
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.27 ng
 RT: 13.99 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.4	3.0	4.4

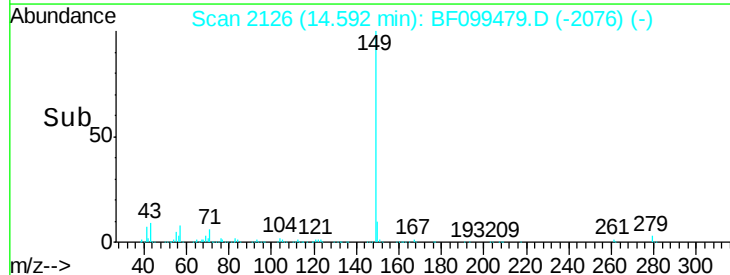
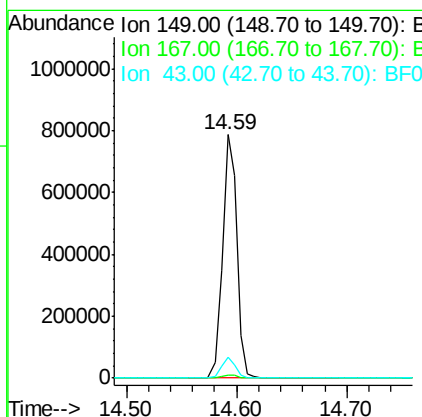
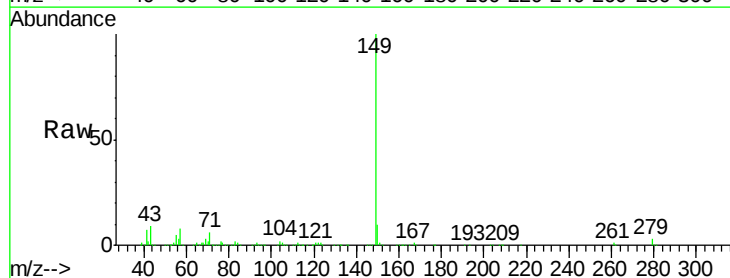
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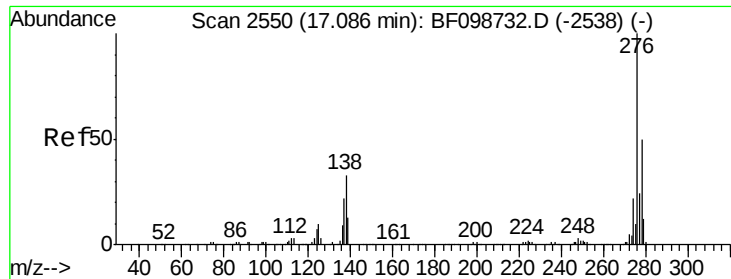
Sohil
 10/15/2017 12:41:21 PM



#84
 Di-n-octyl phthalate
 Concen: 41.14 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.14 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Instrument :

BNA_F

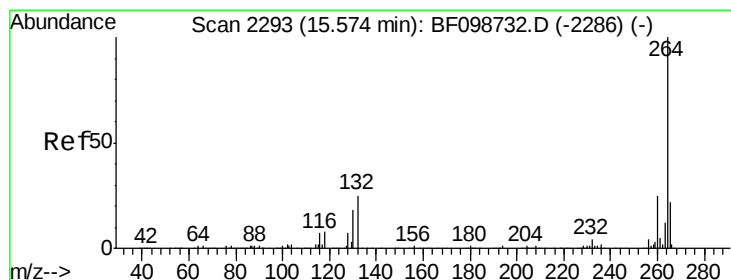
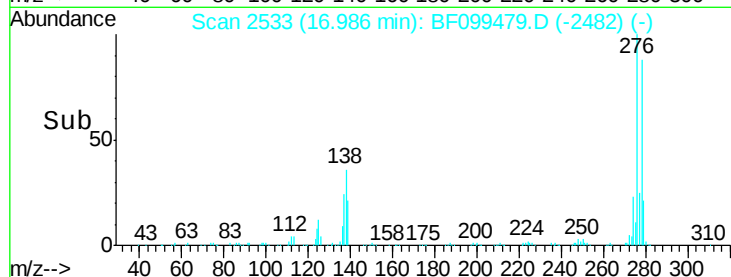
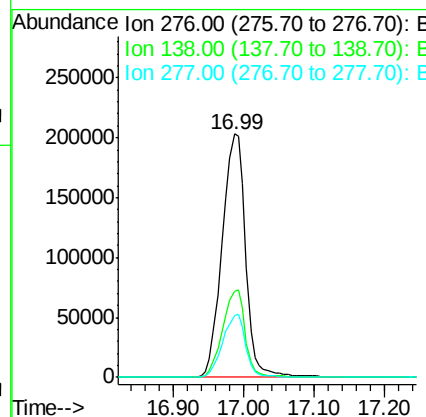
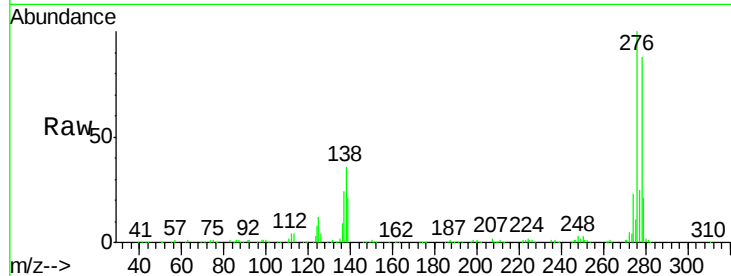
ClientSampleId :

PB103277BS

Tgt Ion:	276	Resp:	471635
Ion Ratio		Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.2	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

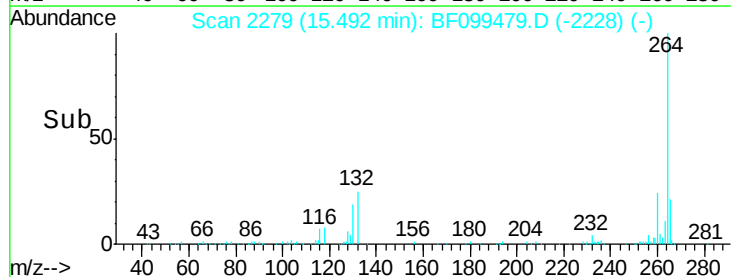
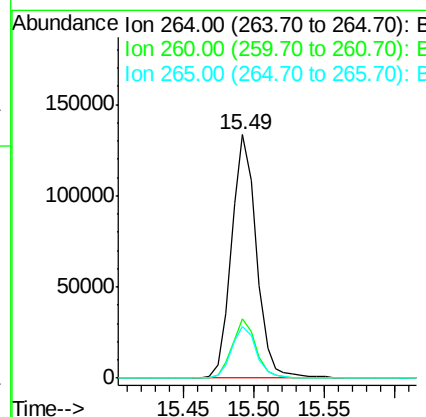
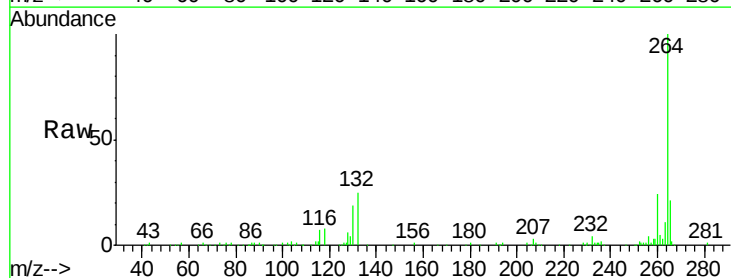
RT: 15.49 min Scan# 2279

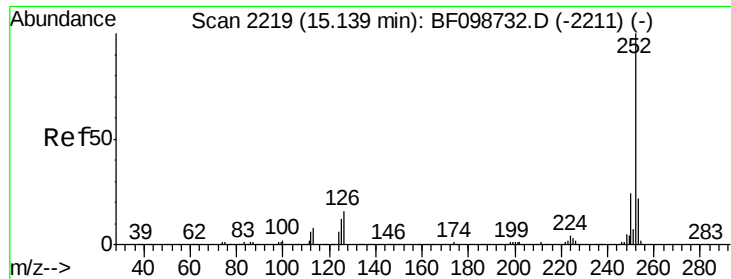
Delta R.T. 0.00 min

Lab File: BF099479.D

Acq: 14 Oct 2017 16:19

Tgt Ion:	264	Resp:	163342
Ion Ratio		Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3





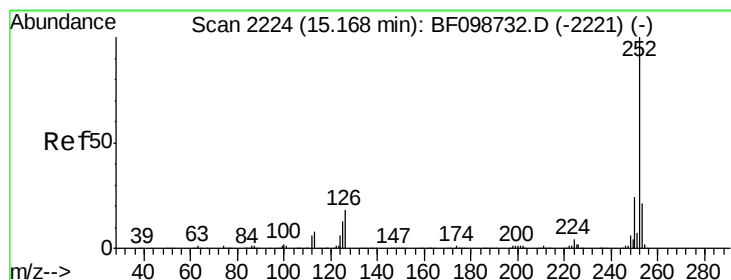
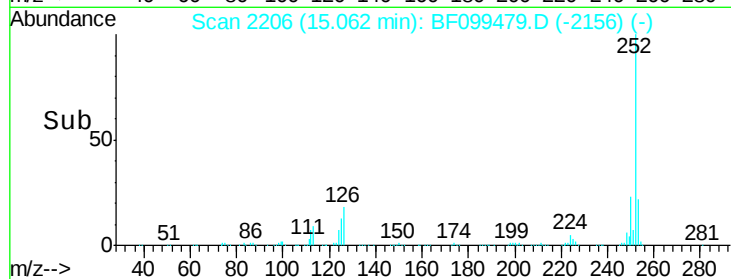
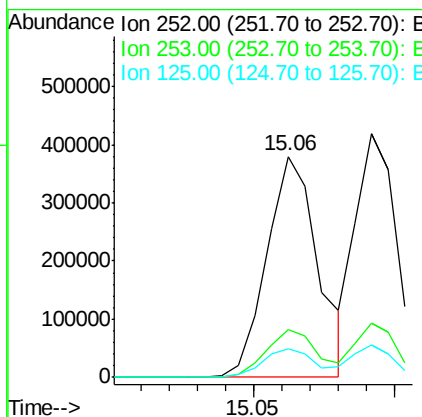
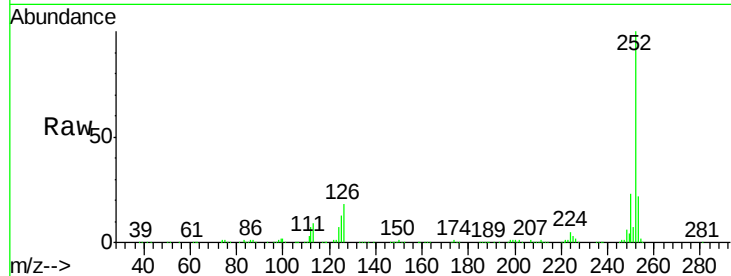
#87
Benzo(b)fluoranthene
Concen: 47.69 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.2	9.0	13.6

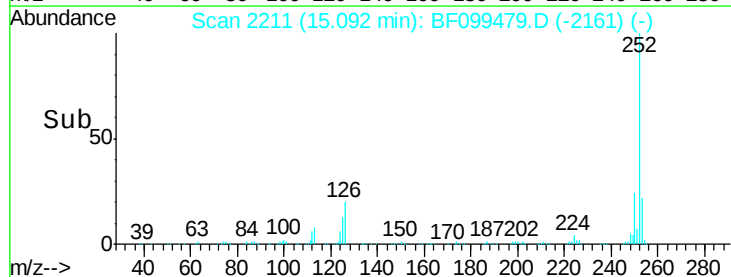
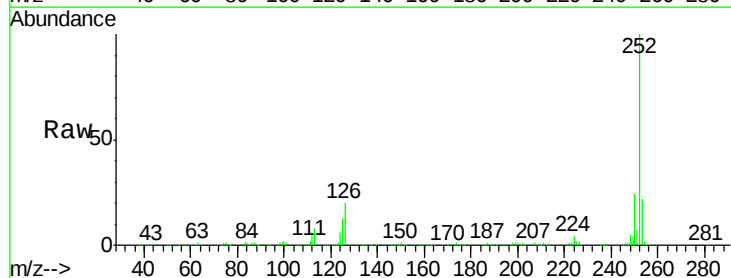
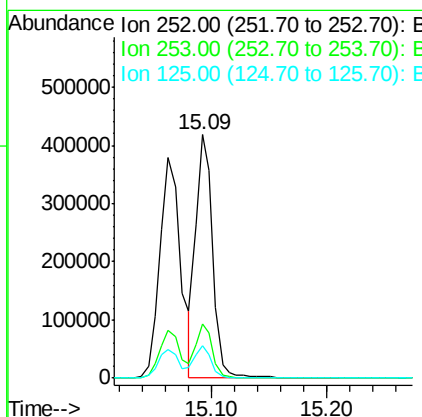
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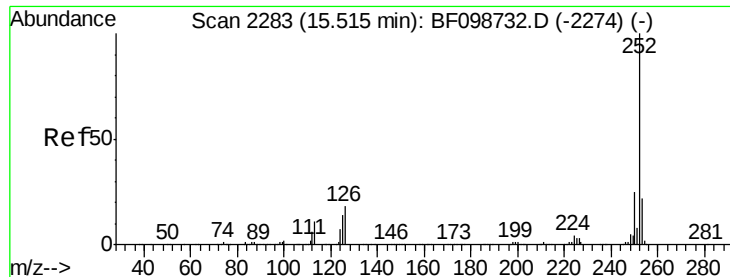
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.28 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.1	10.2	15.2





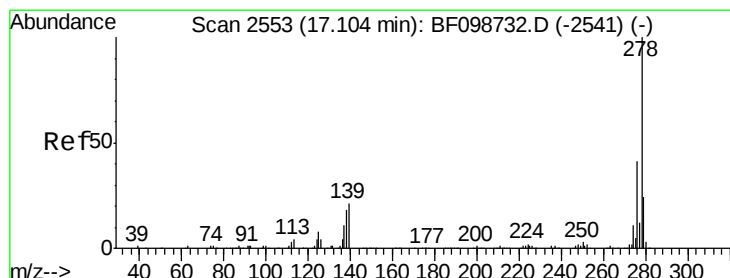
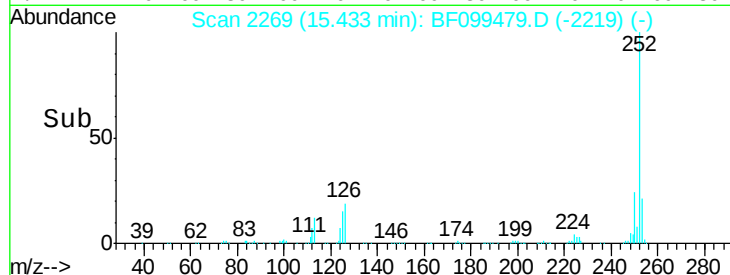
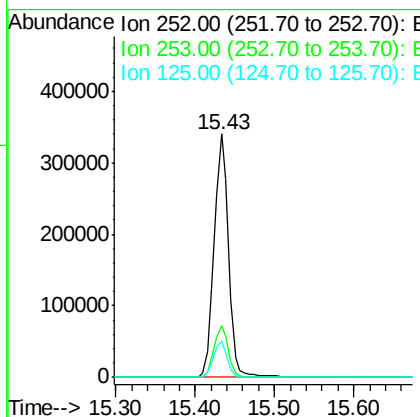
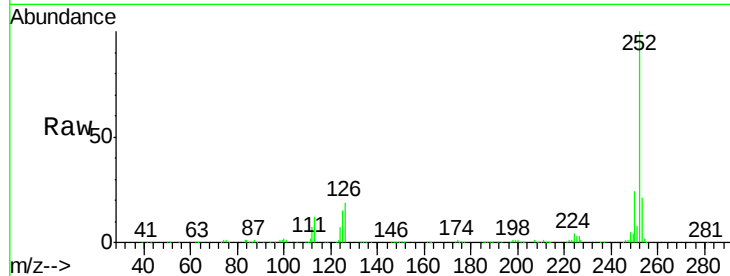
#89
Benzo(a)pyrene
Concen: 46.70 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB103277BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	15.0	9.8	14.6

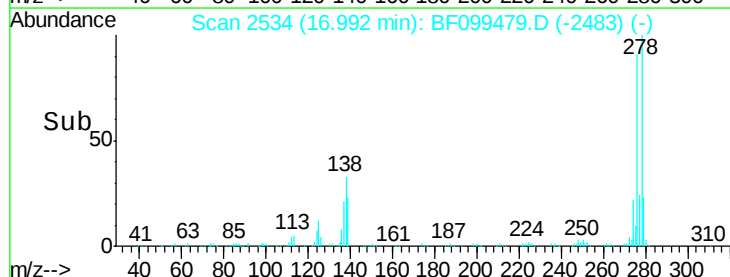
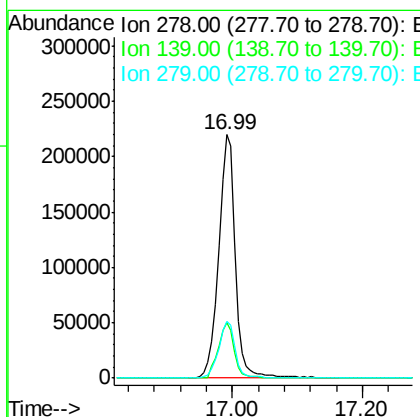
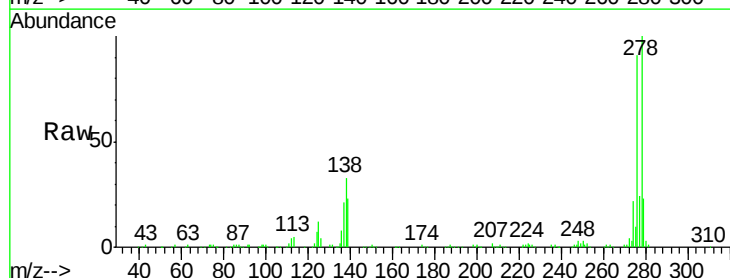
Manual Integrations
APPROVED

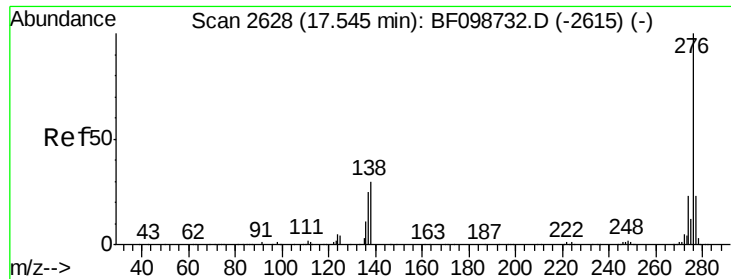
Sohil
10/15/2017 12:41:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 52.84 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.00 min
Lab File: BF099479.D
Acq: 14 Oct 2017 16:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	15.9	23.9
279	23.1	19.0	28.4





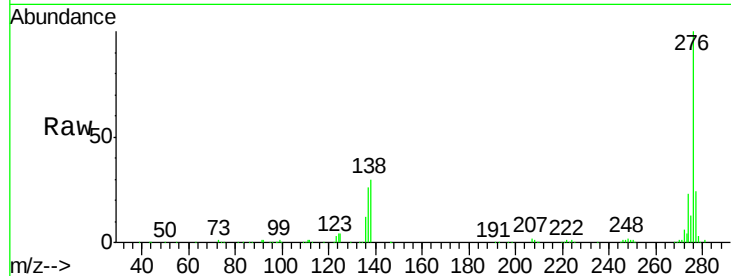
#91
 Benzo(g,h,i)perylene
 Concen: 56.82 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BF099479.D
 Acq: 14 Oct 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB103277BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	30.1	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

