

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101179.D
 Acq On : 6 Dec 2017 20:26
 Operator : SJ/JU
 Sample : I6738-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Manual Integrations
 APPROVED

Sohil
 12/7/2017 11:36:01 AM

Quant Time: Dec 07 00:52:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	45121	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	175007	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	74471	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	109804	20.00	ng	0.01
75) Chrysene-d12	14.03	240	98645	20.00	ng	0.00
86) Perylene-d12	15.50	264	99330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	299381	109.64	ng	0.01
7) Phenol-d6	6.49	99	359402	108.41	ng	0.00
23) Nitrobenzene-d5	7.42	82	216733	73.88	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	79742	89.14	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	445096	81.77	ng	0.00
78) Terphenyl-d14	12.96	244	308914	68.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	32510	28.792	ng	# 94
3) Pyridine	3.43	79	63176m	21.583	ng	
4) n-Nitrosodimethylamine	3.36	42	49730	34.785	ng	# 88
6) Aniline	6.52	93	101271	23.491	ng	98
8) 2-Chlorophenol	6.64	128	107642	36.155	ng	94
9) Benzaldehyde	6.40	77	37561	18.512	ng	90
10) Phenol	6.50	94	142439	38.641	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	99942	36.146	ng	99
12) 1,3-Dichlorobenzene	6.79	146	122958	35.468	ng	98
13) 1,4-Dichlorobenzene	6.86	146	123692	34.462	ng	99
14) 1,2-Dichlorobenzene	7.02	146	115315	34.445	ng	96
15) Benzyl Alcohol	6.99	79	89327	34.887	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	152251	40.509	ng	95
17) 2-Methylphenol	7.10	107	86742	36.081	ng	98
18) Hexachloroethane	7.36	117	36313	31.491	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	73093	32.738	ng	96
20) 3+4-Methylphenols	7.26	107	111601	35.595	ng	# 71
22) Acetophenone	7.26	105	142748	33.762	ng	# 93
24) Nitrobenzene	7.43	77	105714	36.766	ng	99
25) Isophorone	7.67	82	192925	38.499	ng	98
26) 2-Nitrophenol	7.75	139	54091	34.270	ng	93
27) 2,4-Dimethylphenol	7.79	122	91325	39.997	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	121486	36.071	ng	98
29) 2,4-Dichlorophenol	7.99	162	93404	37.582	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	98857	36.173	ng	95
31) Naphthalene	8.16	128	302991	35.128	ng	98
32) Benzoic acid	7.90	122	39874	22.453	ng	98
33) 4-Chloroaniline	8.20	127	73695	21.264	ng	98
34) Hexachlorobutadiene	8.26	225	58156	34.696	ng	97
35) Caprolactam	8.58	113	24353	31.441	ng	90
36) 4-Chloro-3-methylphenol	8.69	107	89069	34.597	ng	92
37) 2-Methylnaphthalene	8.85	142	203289	34.687	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	92551	34.210	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	13546	20.506	ng	99

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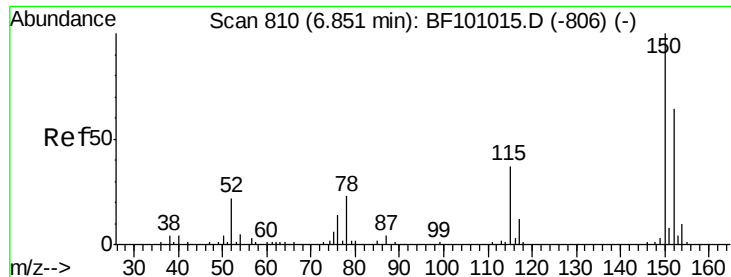
Manual Integrations
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 12/7/2017 11:36:01 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	62038	39.118	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	64103	37.808	nq #	90
45) 1,1'-Biphenyl	9.31	154	235226	34.475	nq	96
46) 2-Chloronaphthalene	9.33	162	182856	37.737	nq	98
47) 2-Nitroaniline	9.43	65	54308	37.881	nq	99
48) Acenaphthylene	9.75	152	268631	33.734	nq	99
49) Dimethylphthalate	9.61	163	251347	41.850	nq	98
50) 2,6-Dinitrotoluene	9.67	165	44295	35.016	nq	98
51) Acenaphthene	9.92	154	158562	33.253	nq	98
52) 3-Nitroaniline	9.85	138	46495	32.684	nq	94
53) 2,4-Dinitrophenol	9.96	184	9327	18.300	nq #	26
54) Dibenzofuran	10.10	168	233726	34.014	nq	98
55) 4-Nitrophenol	10.02	139	53862	56.143	nq	89
56) 2,4-Dinitrotoluene	10.09	165	52844	31.171	nq #	92
57) Fluorene	10.44	166	174717	31.278	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	44607	32.859	nq #	85
59) Diethylphthalate	10.31	149	198114	33.443	nq	96
60) 4-Chlorophenyl-phenylether	10.43	204	88069	31.932	nq	97
61) 4-Nitroaniline	10.46	138	38537	26.097	nq	98
62) Azobenzene	10.59	77	159271	31.681	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	8971	12.181	nq #	82
65) n-Nitrosodiphenylamine	10.55	169	163895	42.309	nq	93
66) 4-Bromophenyl-phenylether	10.92	248	53317	43.380	nq	91
67) Hexachlorobenzene	11.00	284	48926	37.142	nq #	86
68) Atrazine	11.08	200	52410	44.106	nq	93
69) Pentachlorophenol	11.19	266	41489	57.283	nq	99
70) Phenanthrene	11.41	178	219728	36.338	nq	99
71) Anthracene	11.46	178	219904	35.932	nq	98
72) Carbazole	11.62	167	187939	33.611	nq	99
73) Di-n-butylphthalate	11.94	149	262726	37.486	nq	99
74) Fluoranthene	12.60	202	214721	32.034	nq	95
76) Benzidine	12.72	184	20861	6.503	nq #	85
77) Pyrene	12.83	202	215550	31.667	nq	99
79) Butylbenzylphthalate	13.43	149	93656	31.208	nq	92
80) Benzo(a)anthracene	14.02	228	211605	33.975	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	55548	25.752	nq #	96
82) Chrysene	14.05	228	204570	35.366	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	131987	30.845	nq	98
84) Di-n-octyl phthalate	14.60	149	227572	31.942	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	199265	38.748	nq #	92
87) Benzo(b)fluoranthene	15.07	252	201958	33.945	nq	98
88) Benzo(k)fluoranthene	15.10	252	209070	35.667	nq #	96
89) Benzo(a)pyrene	15.44	252	192484	35.586	nq	99
90) Dibenzo(a,h)anthracene	17.00	278	167176	35.058	nq #	94
91) Benzo(g,h,i)perylene	17.44	276	155899	34.691	nq #	92

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



#1

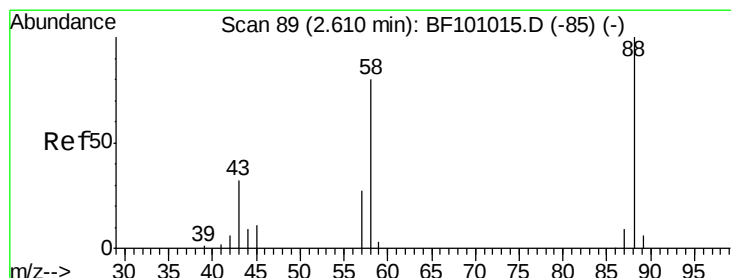
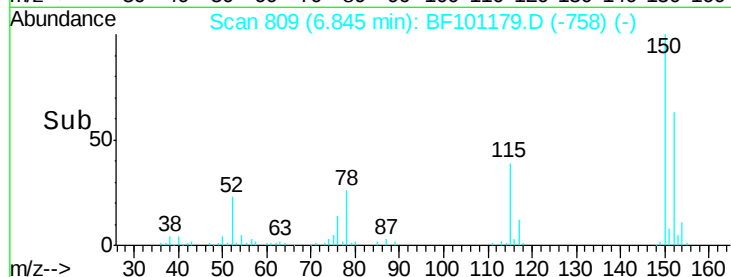
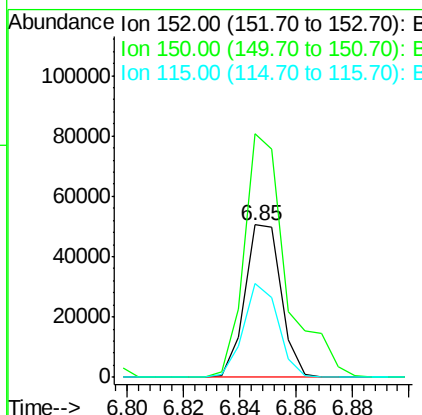
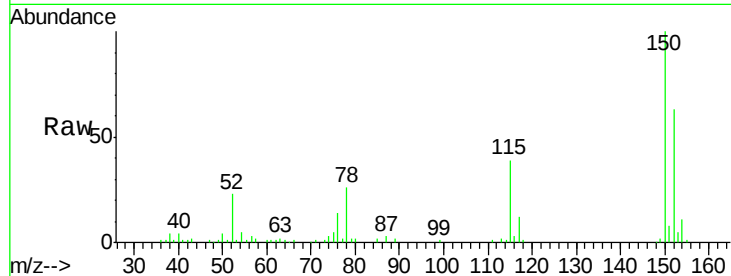
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	61.9	50.1	75.1

Manual Integrations
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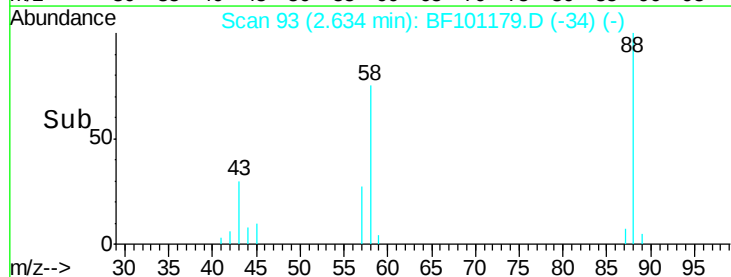
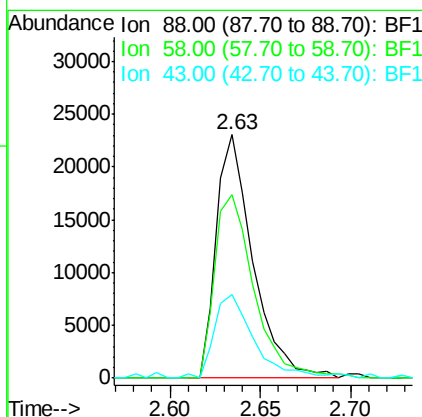
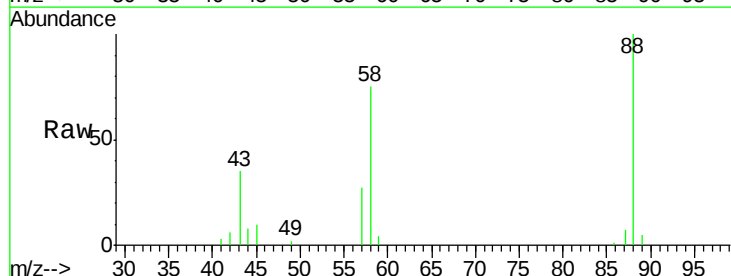
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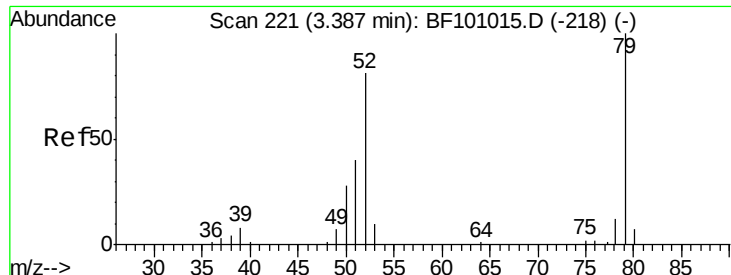


#2

1,4-Dioxane
Concen: 28.792 ng
RT: 2.63 min Scan# 93
Delta R.T. 0.05 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	62.6	93.8
43	37.9	24.6	37.0





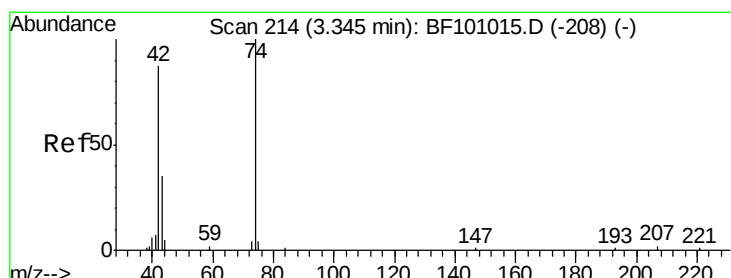
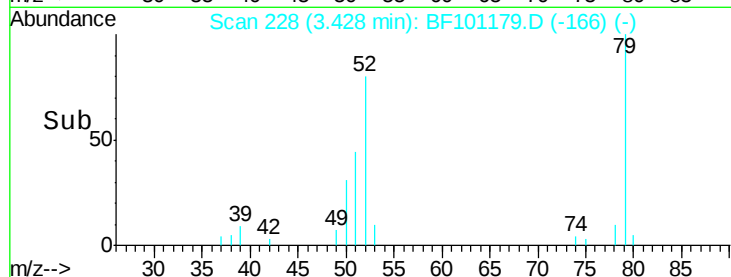
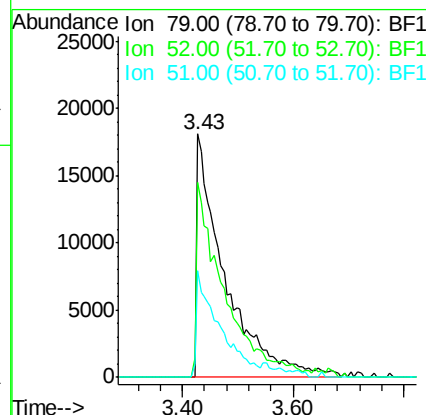
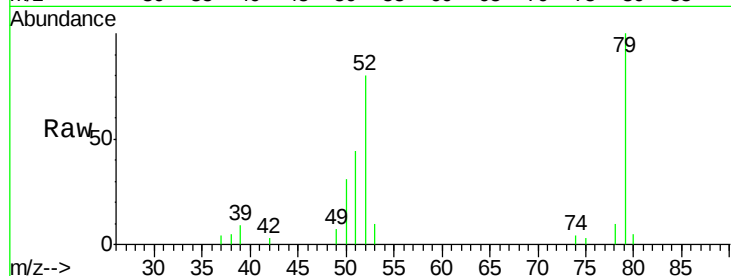
#3
 Pvridine
 Concen: 21.583 ng/ml
 RT: 3.43 min Scan# 228
 Delta R.T. 0.07 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion:	79	Resp:	63176
Ion	Ratio	Lower	Upper
79	100		
52	79.9	59.8	89.6
51	43.6	29.8	44.8

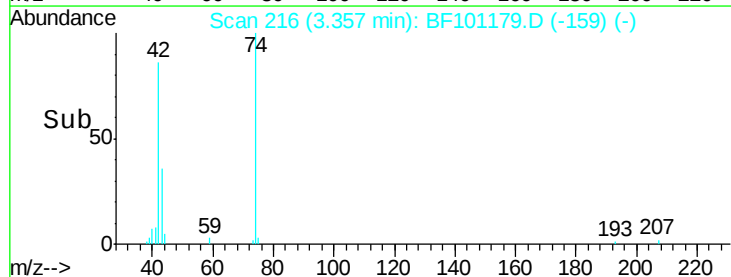
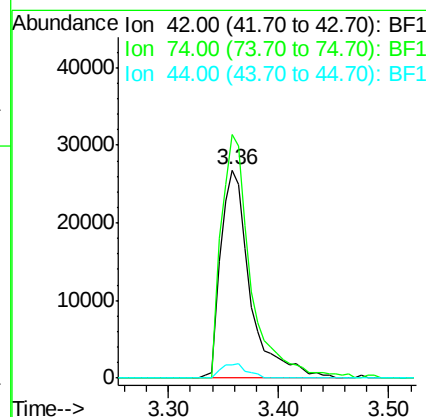
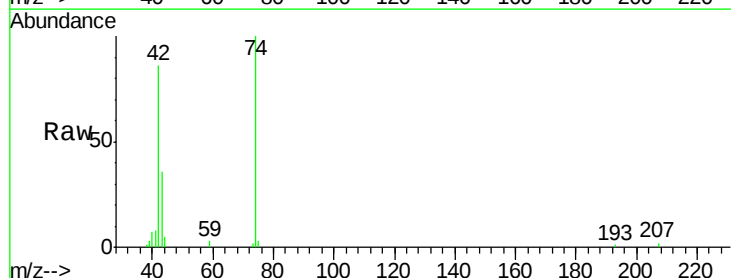
Manual Integrations
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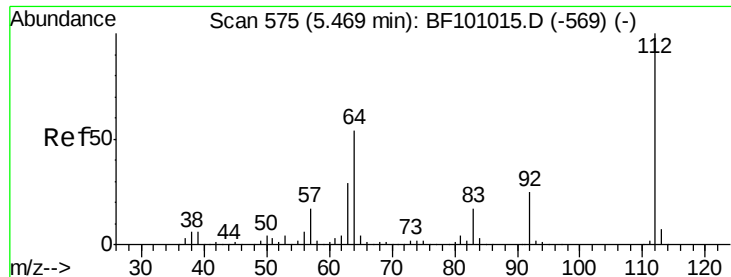
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#4
 n-Nitrosodimethylamine
 Concen: 34.785 ng/ml
 RT: 3.36 min Scan# 216
 Delta R.T. 0.04 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion:	42	Resp:	49730
Ion	Ratio	Lower	Upper
42	100		
74	116.8	104.9	157.3
44	6.3	6.9	10.3





#5

2-Fluorophenol

Concen: 109.641 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

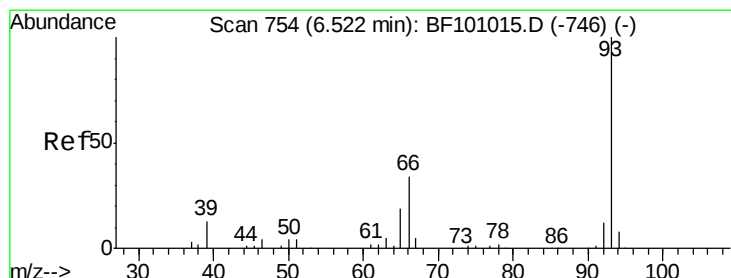
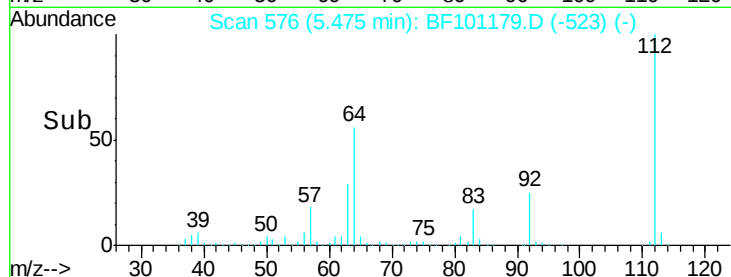
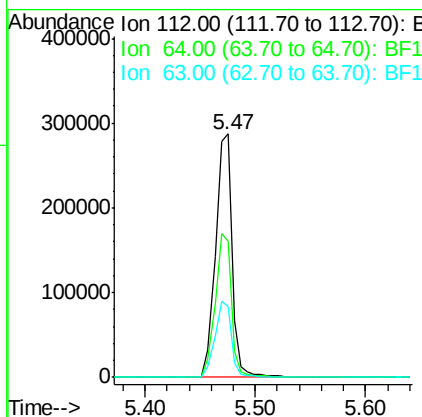
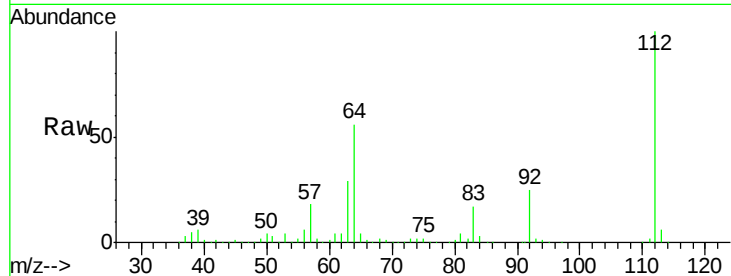
ClientSampleId :

88-20-90-20MSD

Tot Ion:	112	Resp:	299381
Ion Ratio	Lower	Upper	
112	100		
64	55.8	47.9	71.9
63	29.1	23.7	35.5

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#6

Aniline

Concen: 23.491 ng

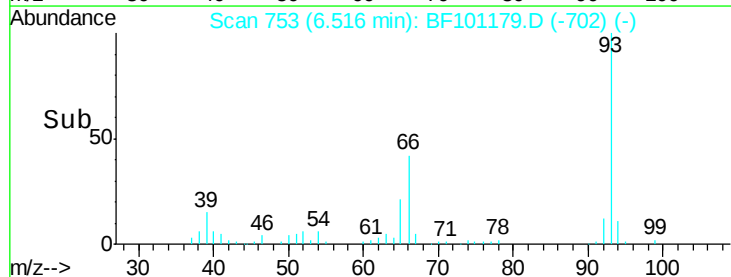
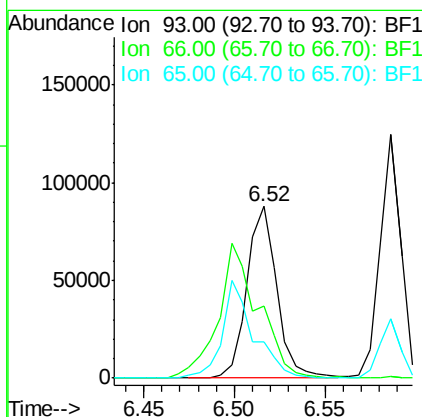
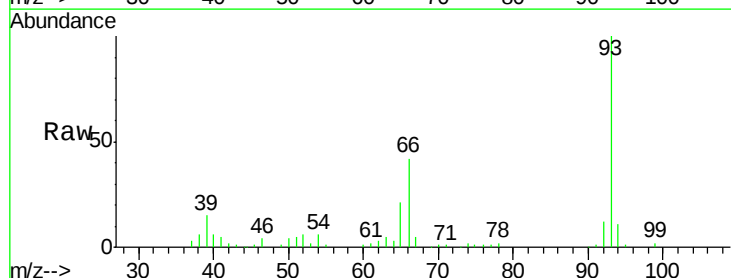
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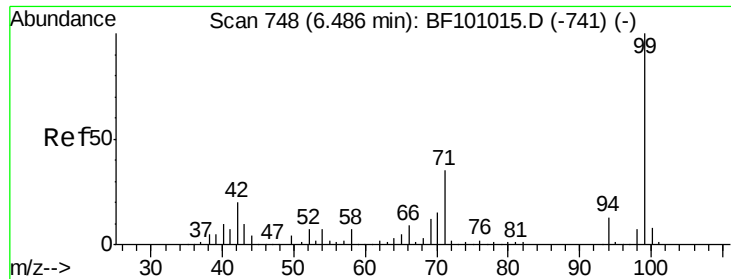
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	93	Resp:	101271
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.2	48.2
65	20.8	16.4	24.6





#7

Phenol-d6

Concen: 108.411 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

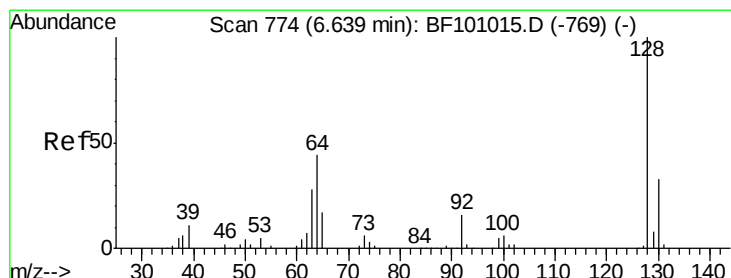
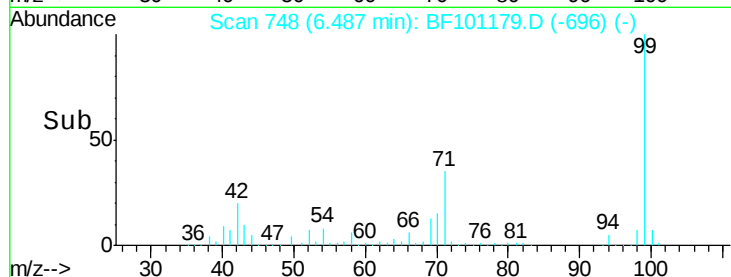
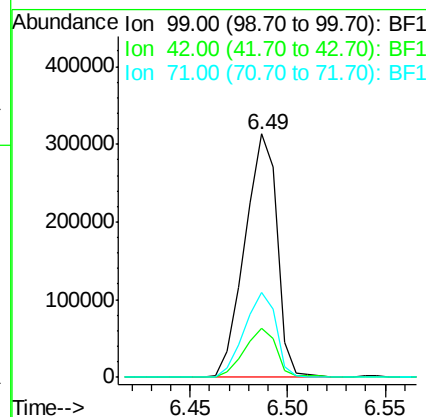
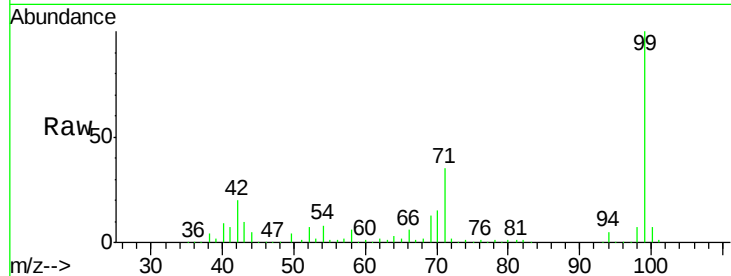
ClientSampleId :

88-20-90-20MSD

Tot Ion:	99	Resp:	359402
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	34.8	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 36.155 ng

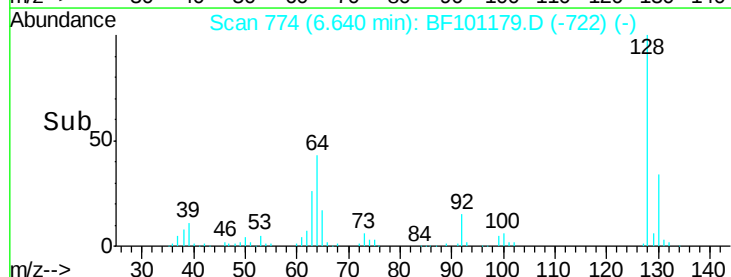
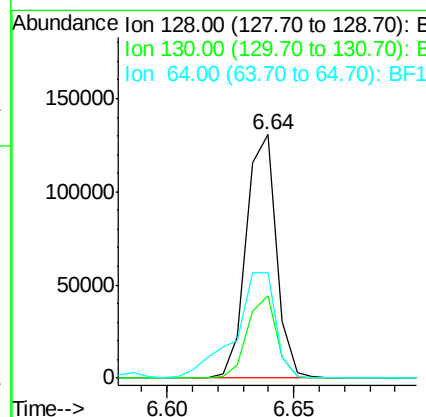
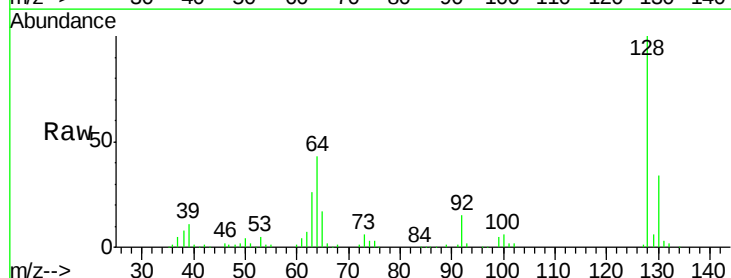
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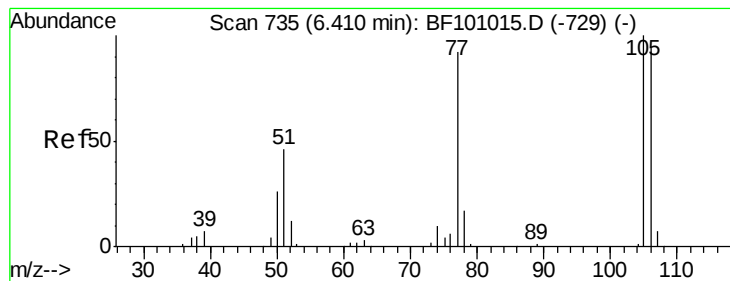
Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	128	Resp:	107642
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.0	53.0
64	43.5	29.4	69.4





#9

Benzaldehyde

Concen: 18.512 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

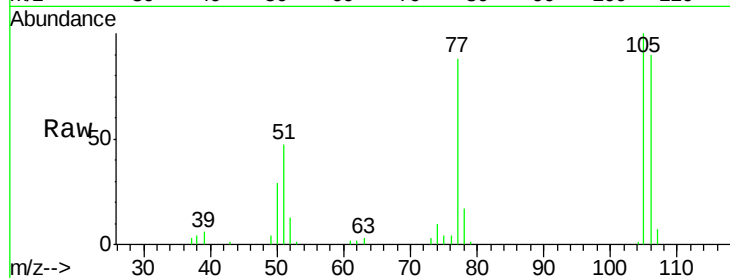
ClientSampleId :

88-20-90-20MSD

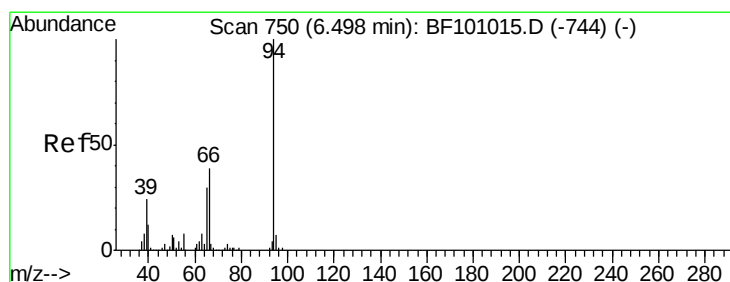
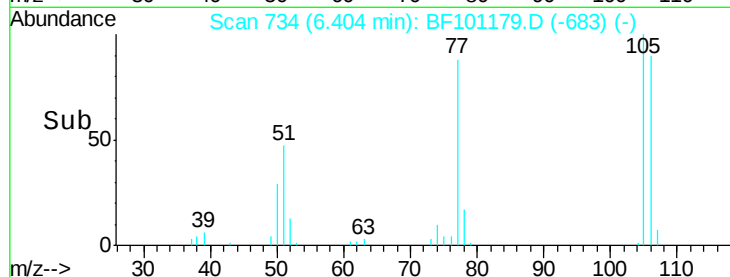
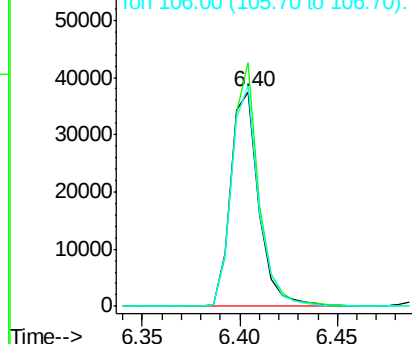
Tot Ion:	77	Resp:	37561
Ion	Ratio	Lower	Upper
77	100		
105	113.4	81.1	121.1
106	102.6	74.5	114.5

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.641 ng

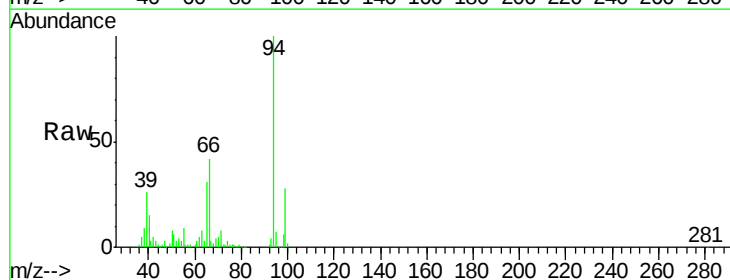
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Delta R.T. 0.01 min

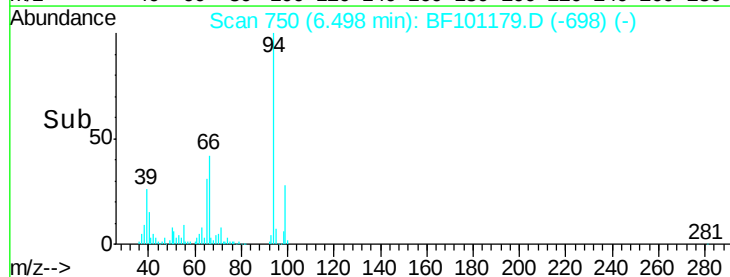
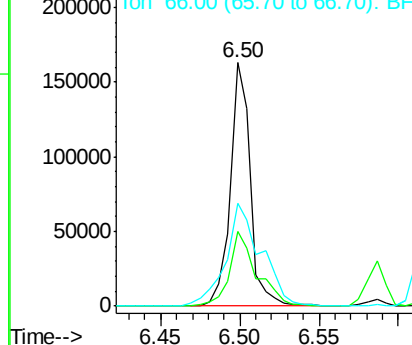
Lab File: BF101179.D

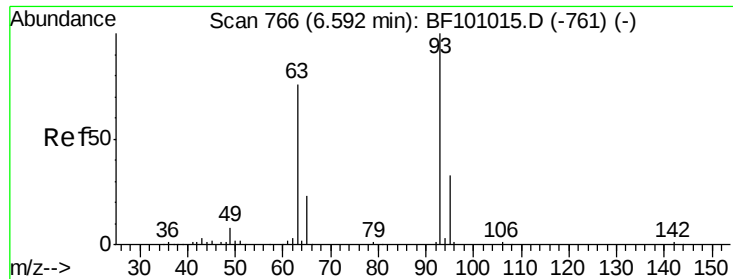
Acq: 6 Dec 2017 20:26

Tgt Ion:	94	Resp:	142439
Ion	Ratio	Lower	Upper
94	100		
65	30.7	7.9	47.9
66	42.3	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





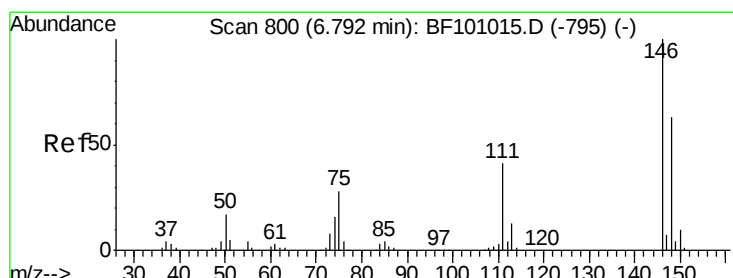
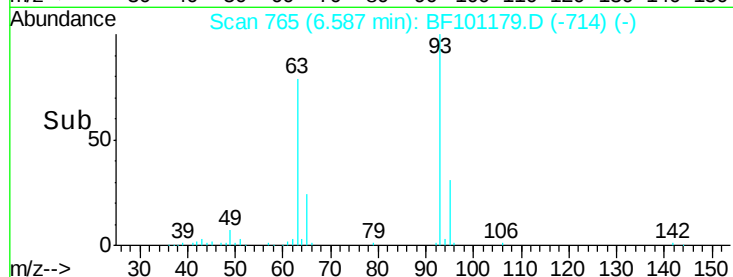
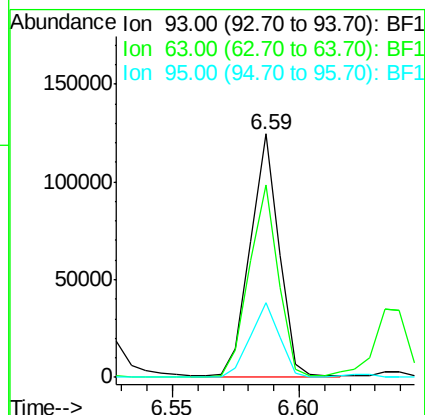
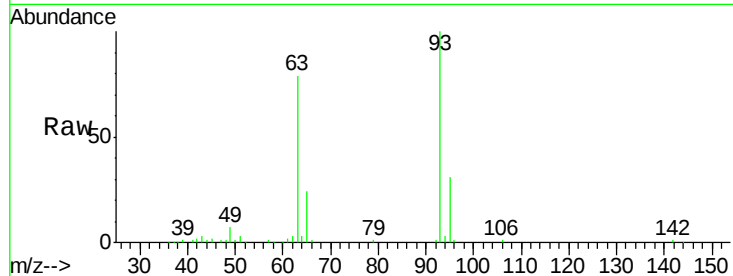
#11
bis(2-Chloroethyl)ether
Concen: 36.146 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	58.6	98.6
95	30.7	11.8	51.8

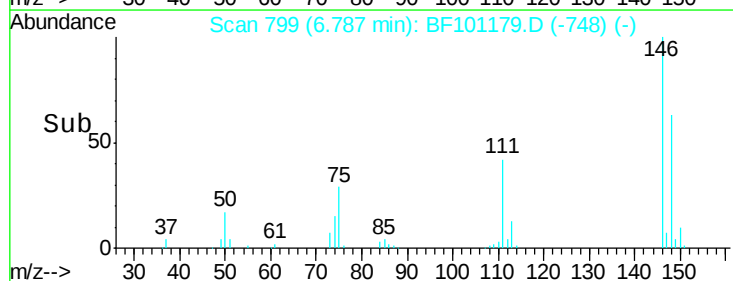
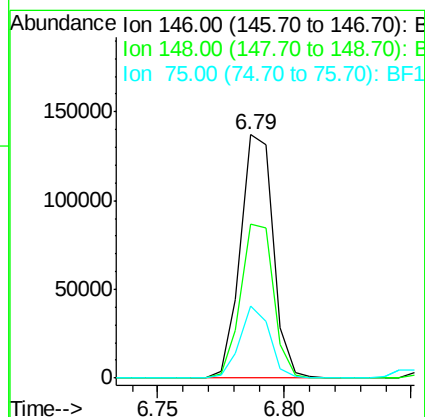
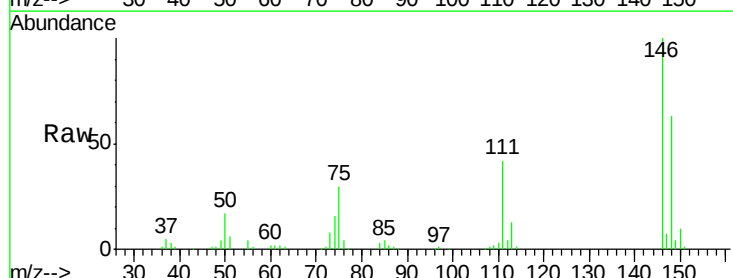
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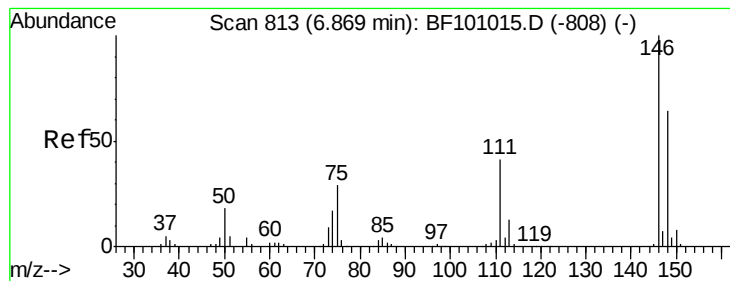
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#12
1,3-Dichlorobenzene
Concen: 35.468 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	29.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 34.462 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

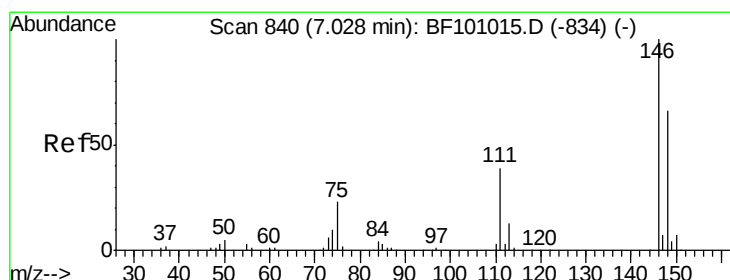
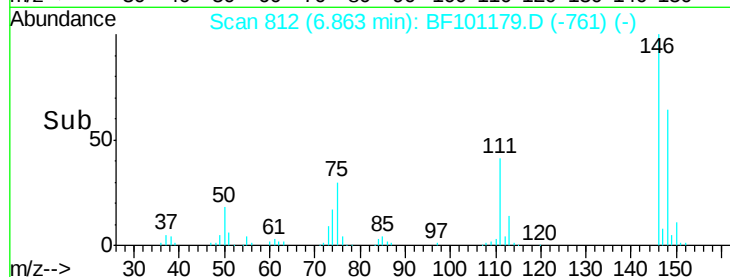
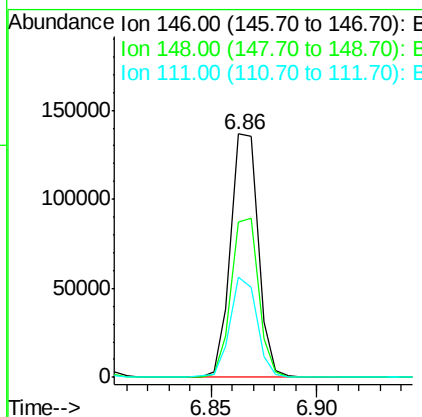
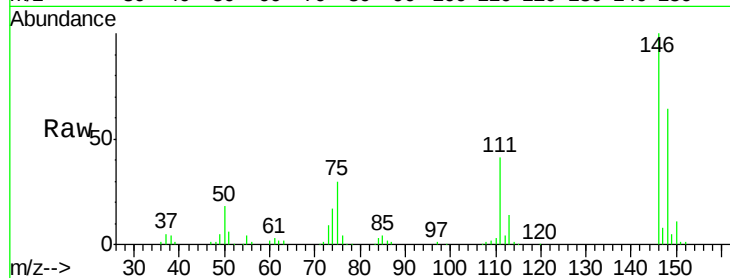
ClientSampleId :

88-20-90-20MSD

Tot Ion:	146	Resp:	123692
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.8	76.2
111	41.4	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.445 ng

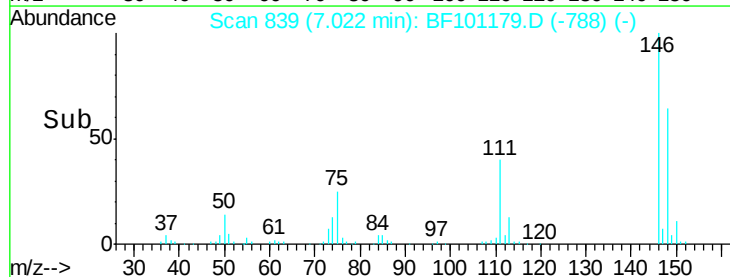
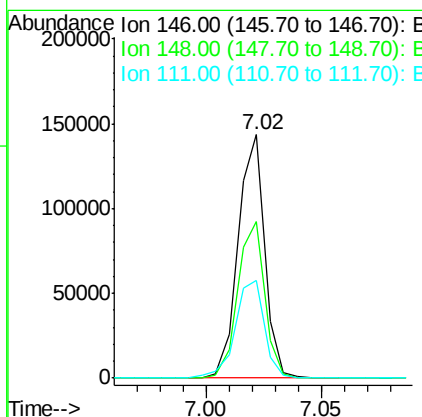
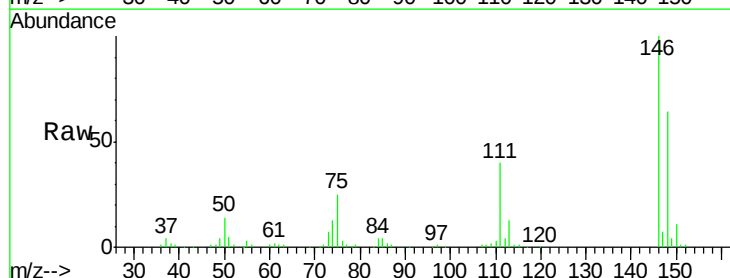
RT: 7.02 min Scan# 839

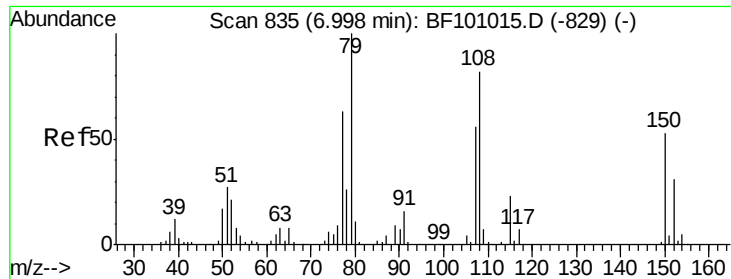
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	146	Resp:	115315
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.6	75.8
111	40.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.887 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

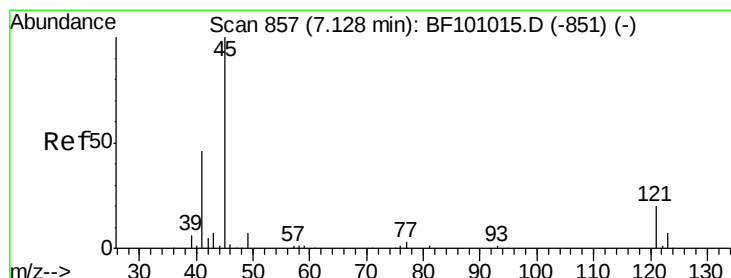
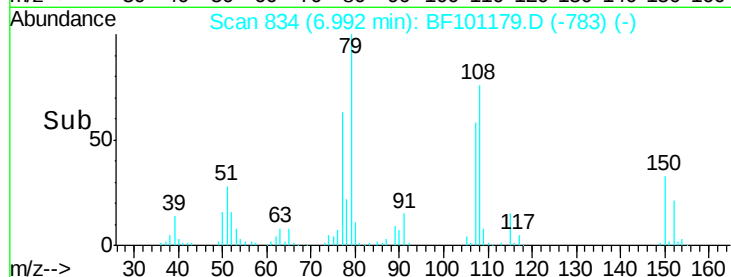
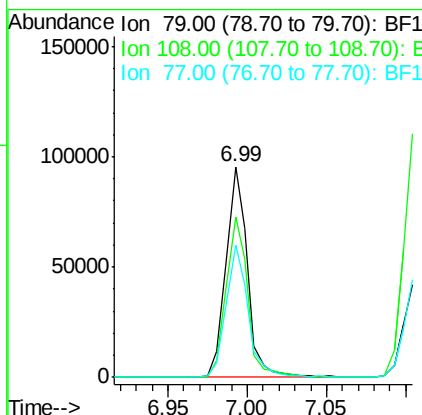
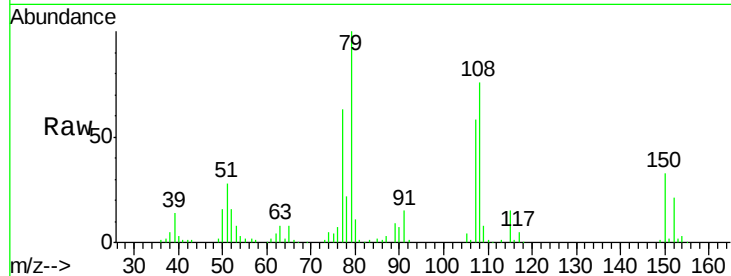
ClientSampleId :

88-20-90-20MSD

Tot Ion:	79	Resp:	89327
Ion Ratio	Lower	Upper	
79	100		
108	76.5	65.1	97.7
77	62.7	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.509 ng

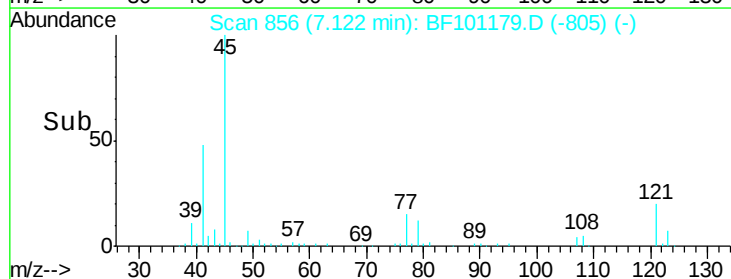
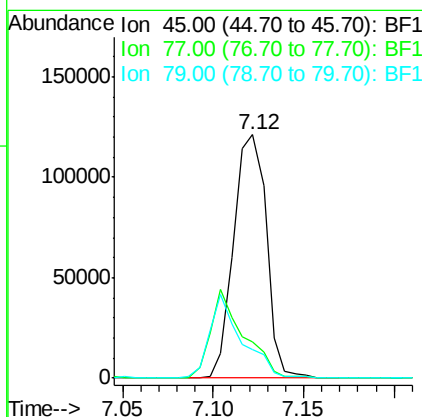
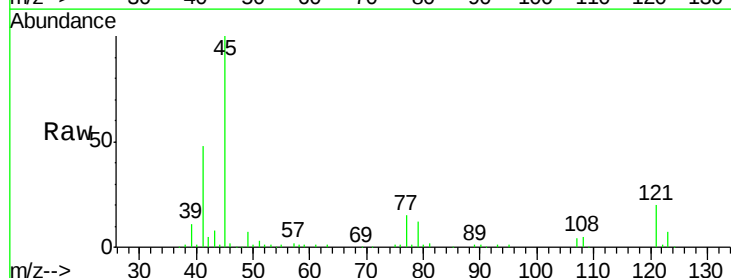
RT: 7.12 min Scan# 856

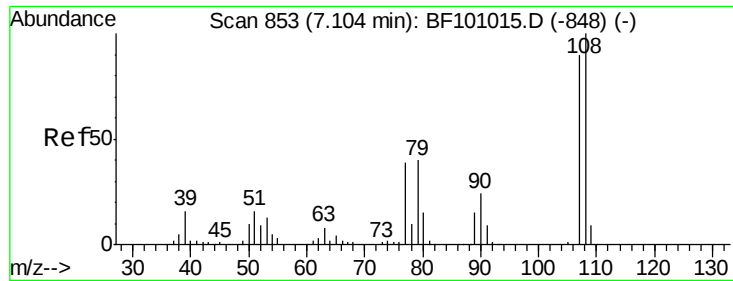
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	45	Resp:	152251
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	32.9
79	11.6	0.0	29.6





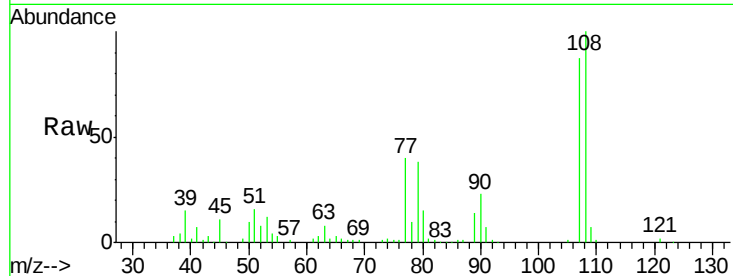
#17
2-Methylphenol
Concen: 36.081 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	91.7	137.5
77	45.8	33.8	50.8
79	43.5	33.8	50.8

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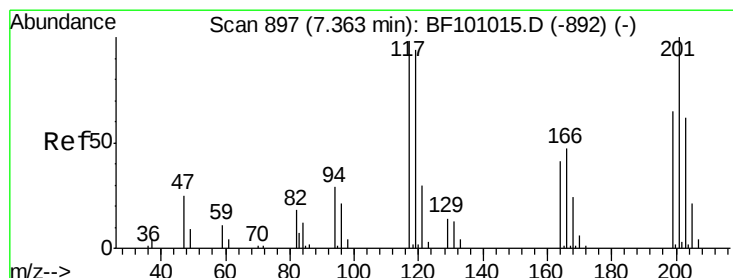
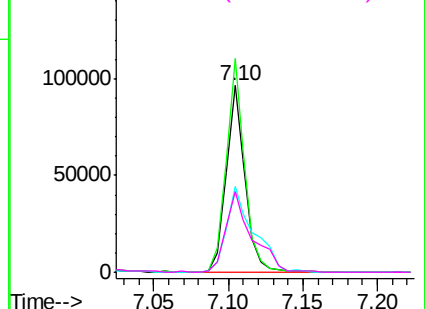
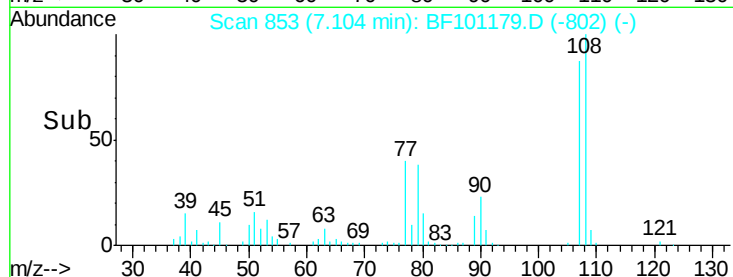
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

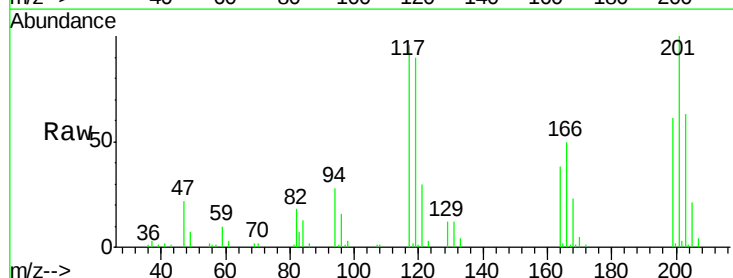
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.491 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8
201	104.5	75.7	113.5

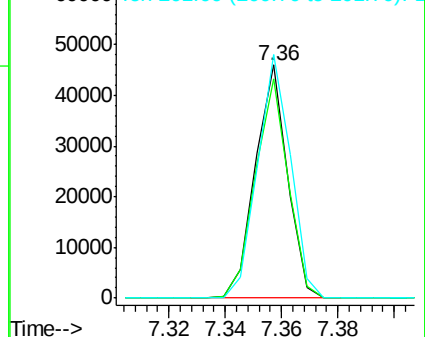
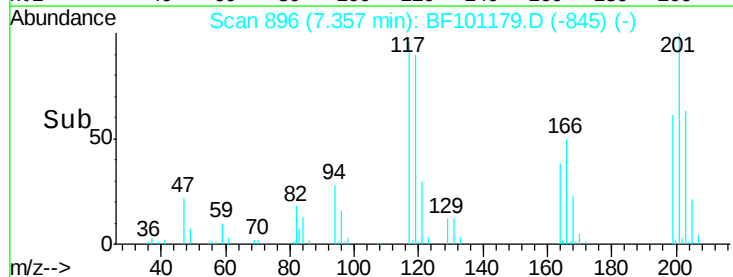


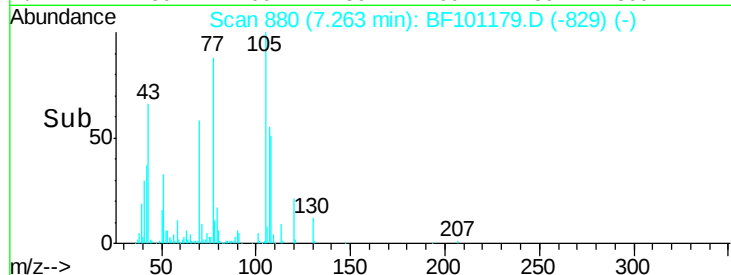
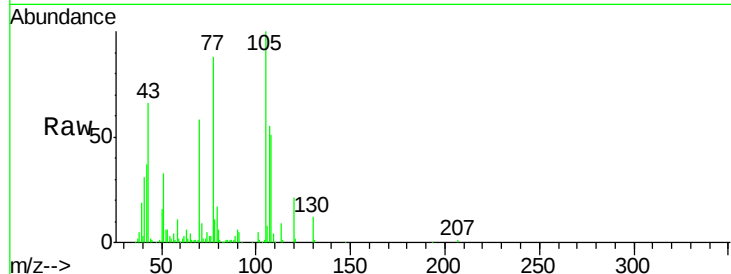
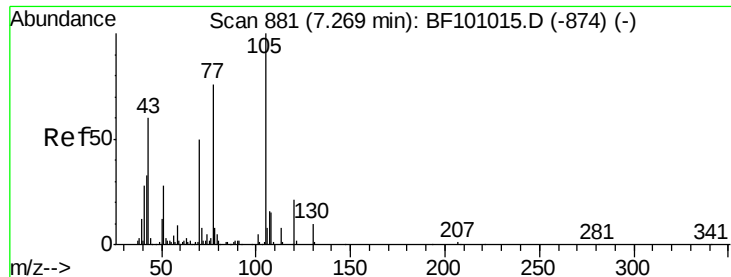
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





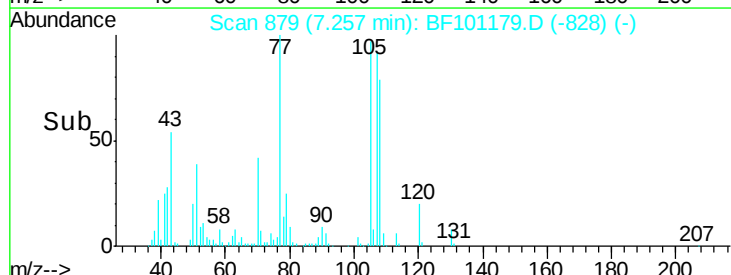
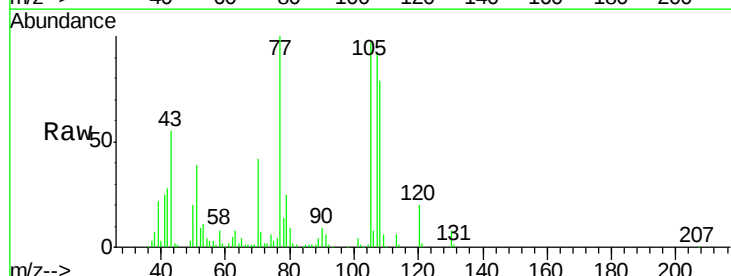
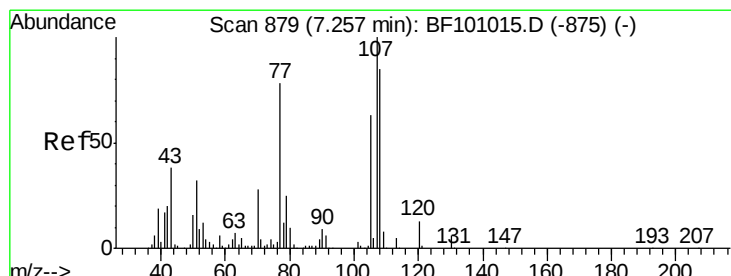
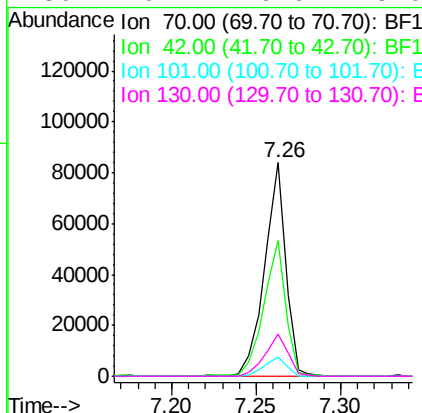
#19
n-Nitroso-di-n-propylamine
Concen: 32.738 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

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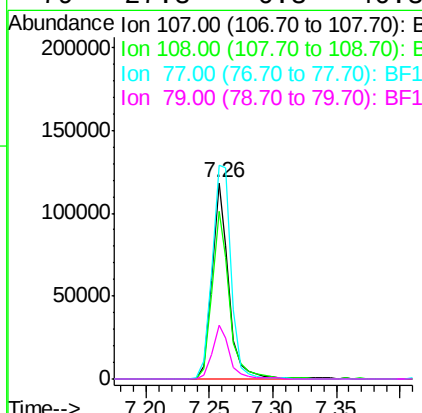
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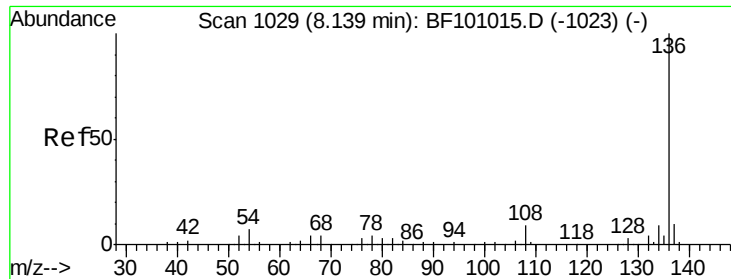
Tot Ion	70	Resp:	73093
Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.5	71.3
101	9.1	7.4	11.2
130	20.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.595 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	107	Resp:	111601
Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	108.8	26.7	66.7#
79	27.3	6.3	46.3





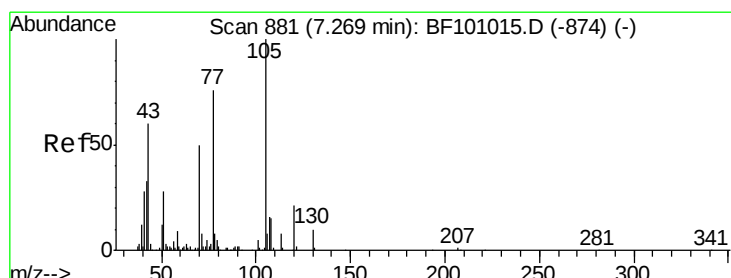
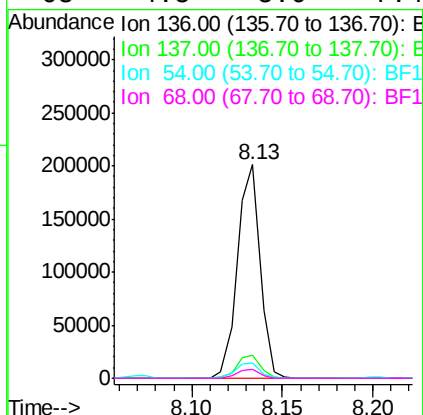
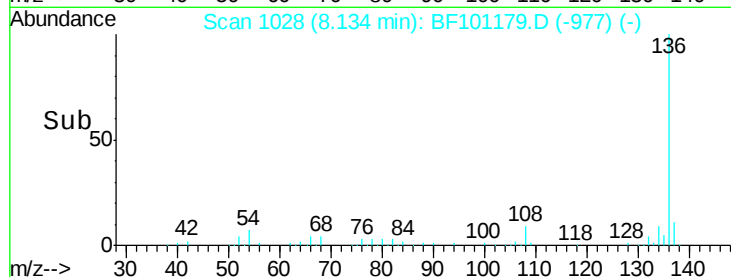
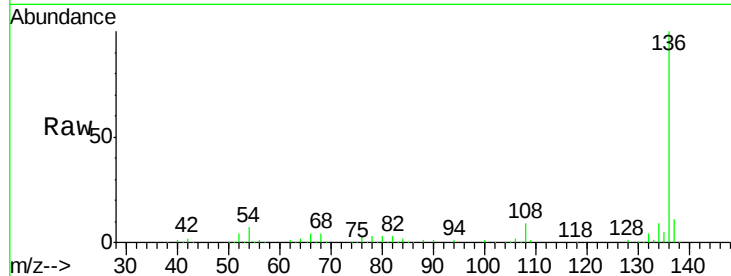
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.9	13.3	
54	7.4		6.6	9.8	
68	4.5		5.0	7.4	

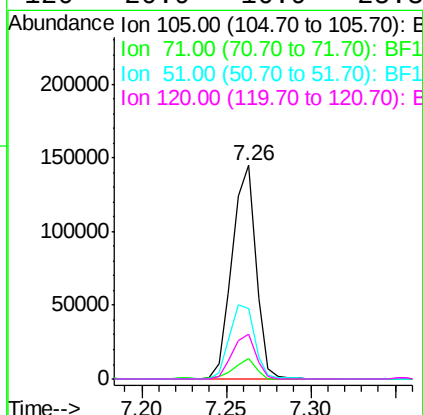
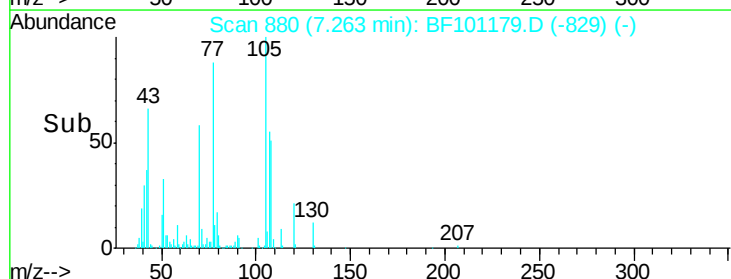
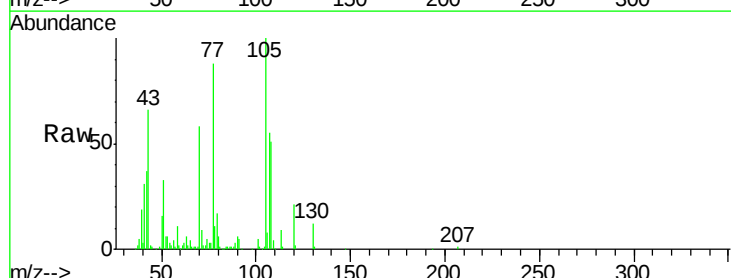
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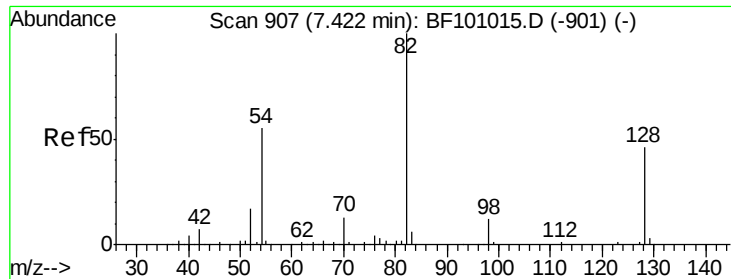
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#22
Acetophenone
Concen: 33.762 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	9.4		4.4	6.6	
51	33.2		22.3	33.5	
120	20.9		16.9	25.3	





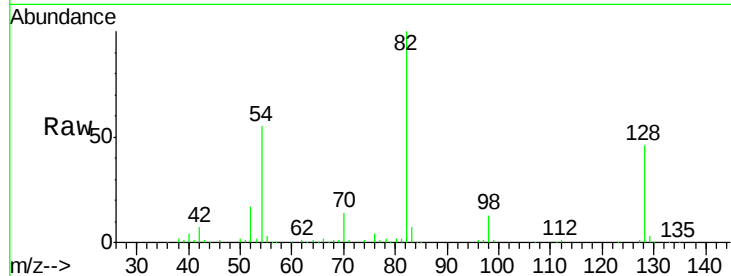
#23
Nitrobenzene-d5
Concen: 73.876 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

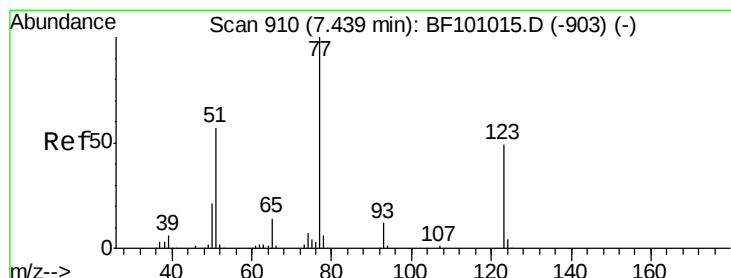
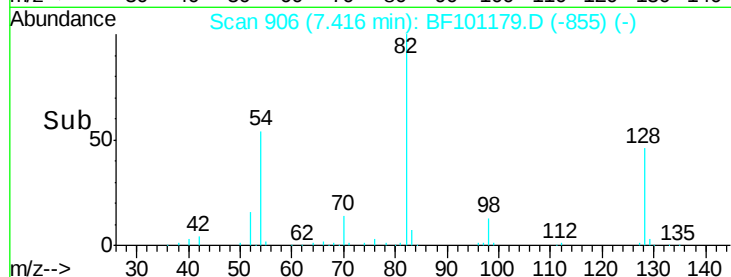
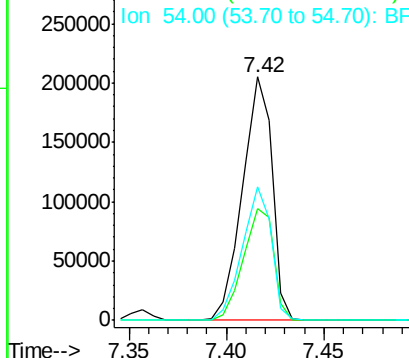
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.8	41.4	62.2

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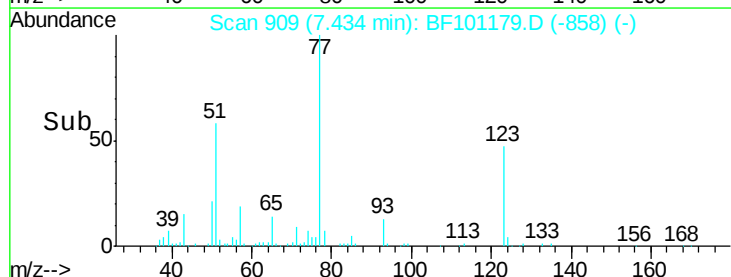
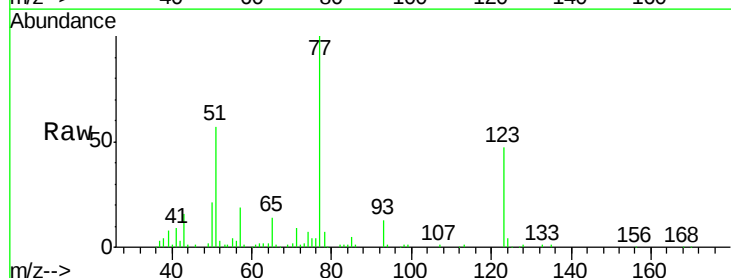
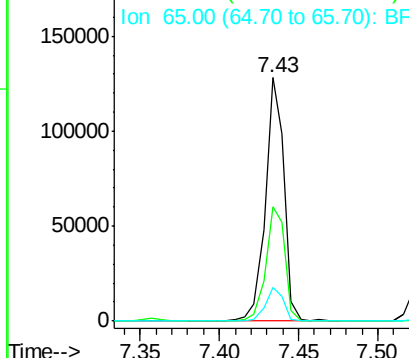
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

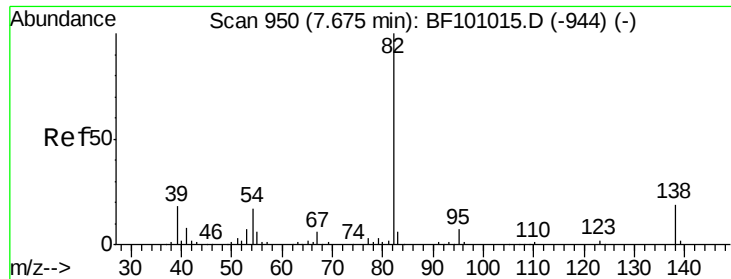


#24
Nitrobenzene
Concen: 36.766 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	37.9	56.9
65	13.6	11.0	16.4

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





#25

Isophorone

Concen: 38.499 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

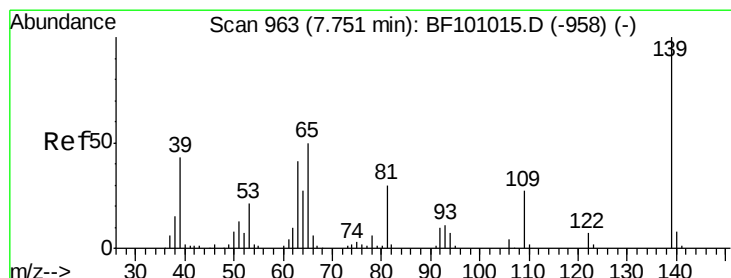
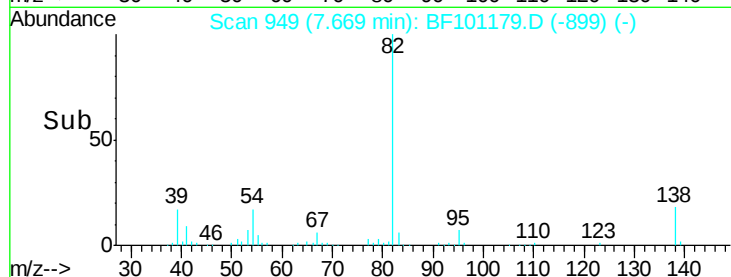
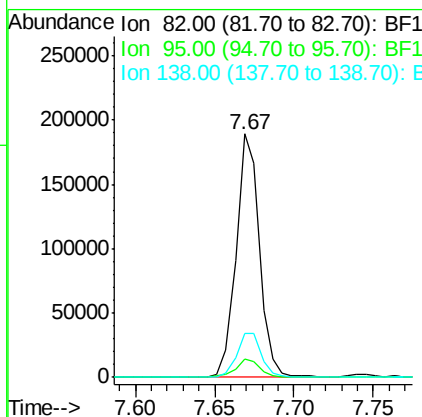
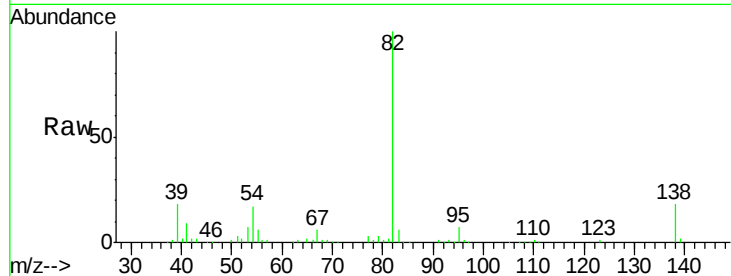
ClientSampleId :

88-20-90-20MSD

Tot Ion:	82	Resp:	192925
Ion Ratio		Lower	Upper
82	100		
95	7.4	5.2	7.8
138	18.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 34.270 ng

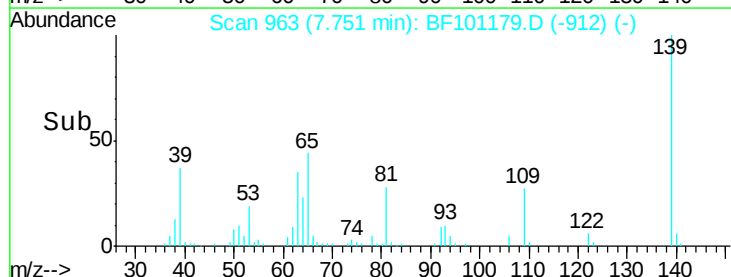
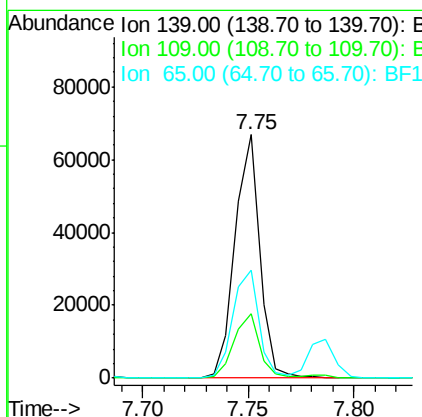
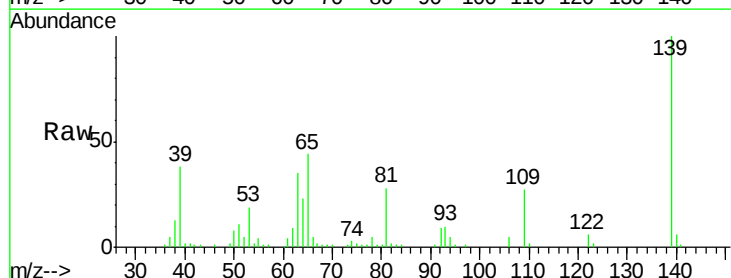
RT: 7.75 min Scan# 963

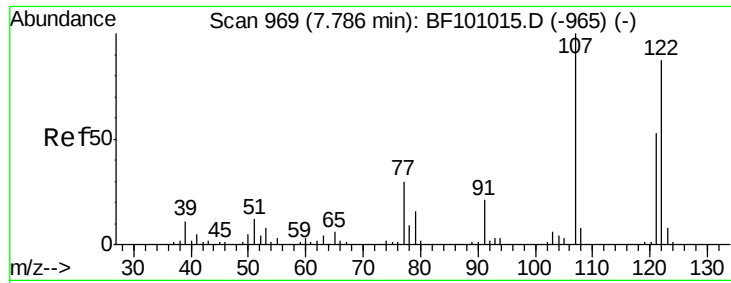
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	139	Resp:	54091
Ion Ratio		Lower	Upper
139	100		
109	26.7	22.7	34.1
65	44.5	40.5	60.7





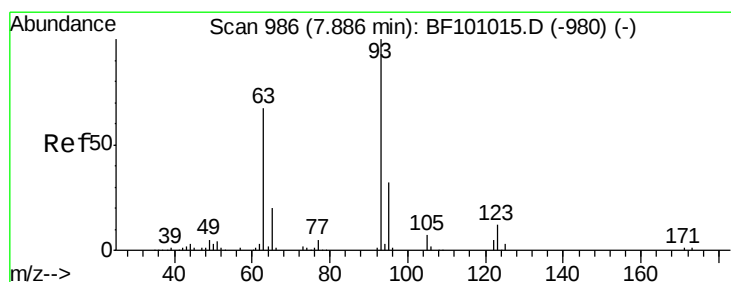
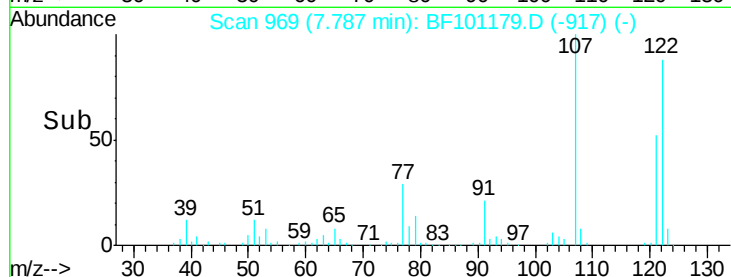
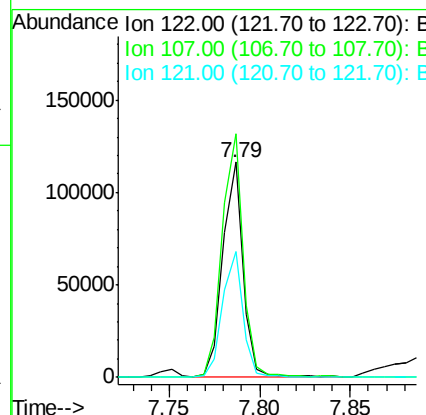
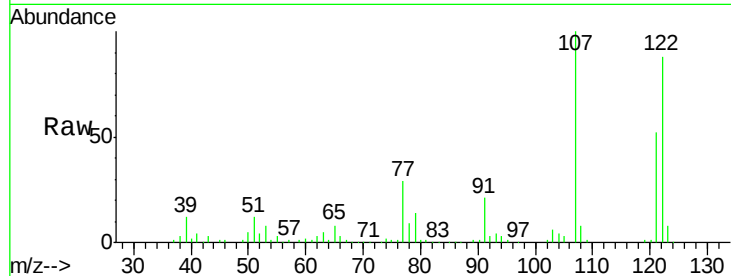
#27
 2,4-Dimethylphenol
 Concen: 39.997 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		91325		
107	113.0	91.2	136.8		
121	58.7	47.2	70.8		

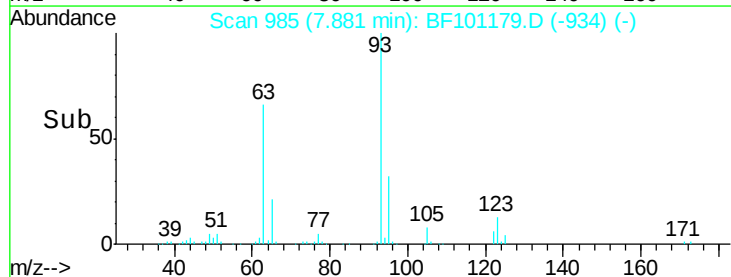
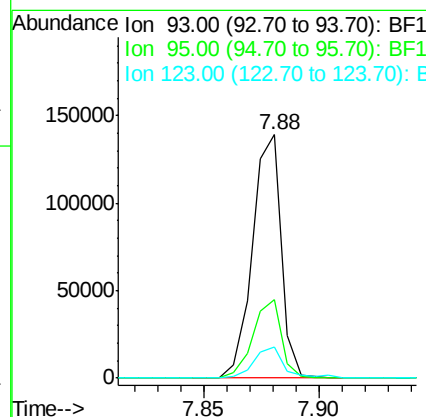
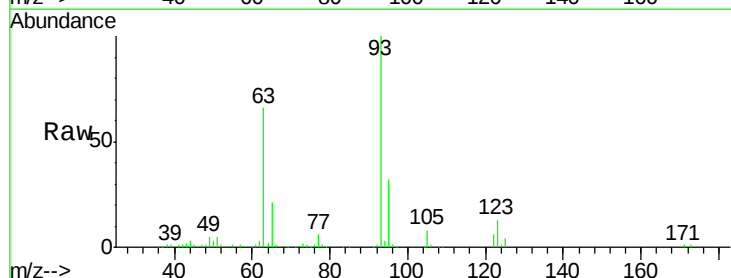
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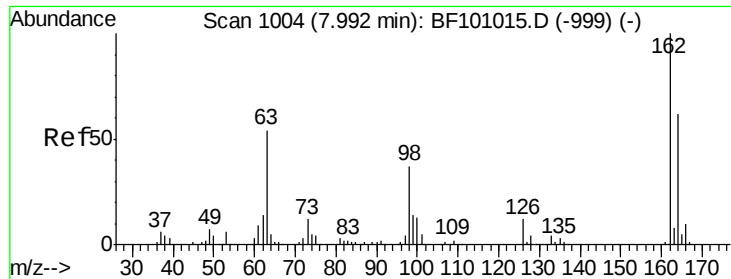
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.071 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		121486		
95	32.0	26.3	39.5		
123	12.8	9.8	14.6		





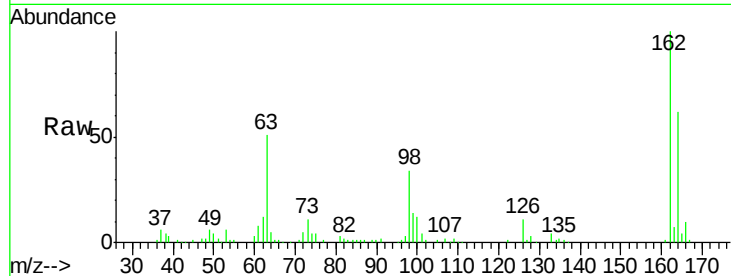
#29
 2,4-Dichlorophenol
 Concen: 37.582 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampled :
 88-20-90-20MSD

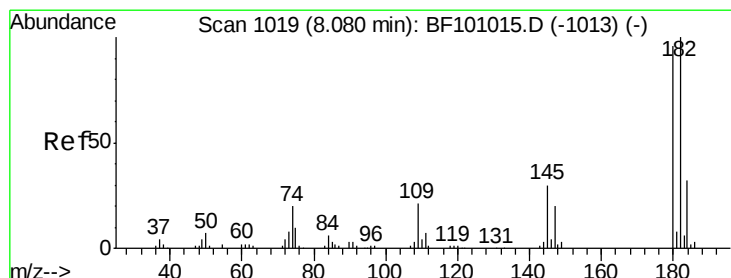
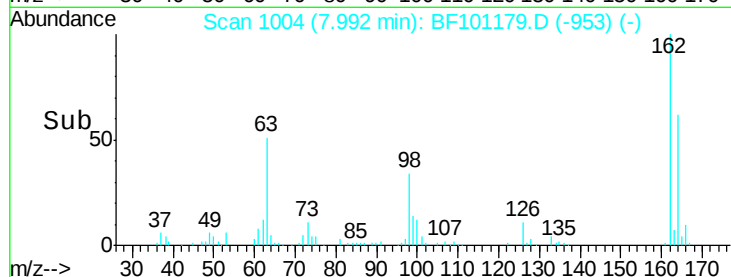
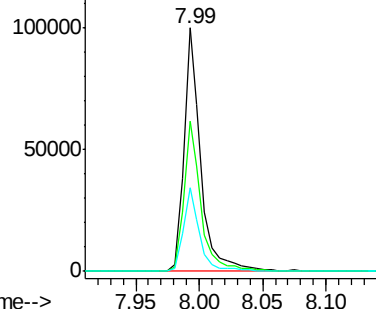
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.9	42.7	82.7
98	34.3	18.1	58.1

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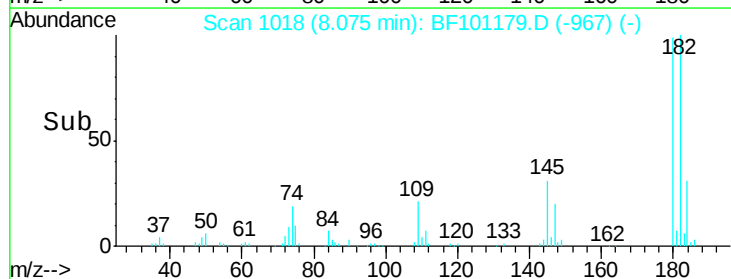
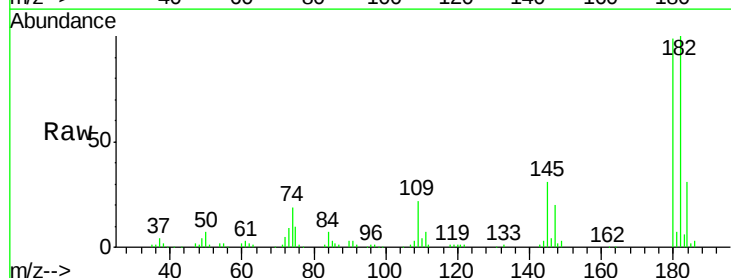
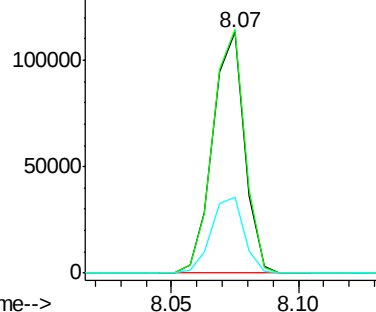
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

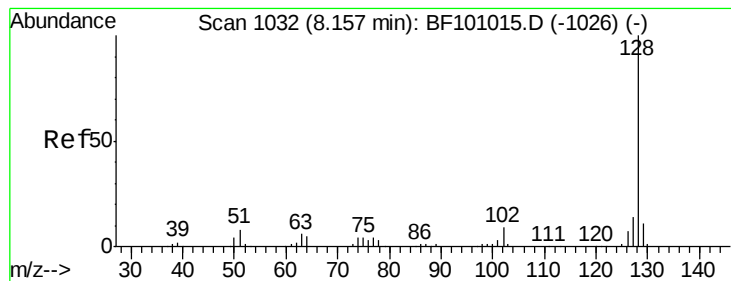


#30
 1,2,4-Trichlorobenzene
 Concen: 36.173 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.1	76.8	115.2
145	31.3	26.5	39.7

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





#31

Naphthalene

Concen: 35.128 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

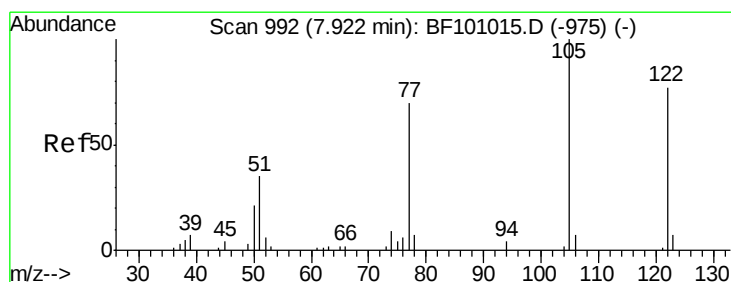
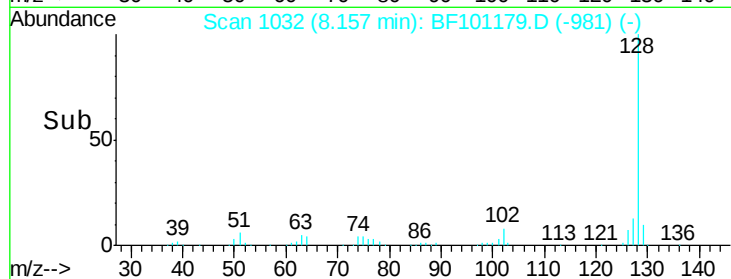
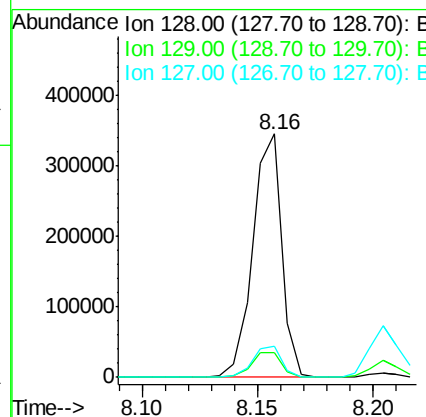
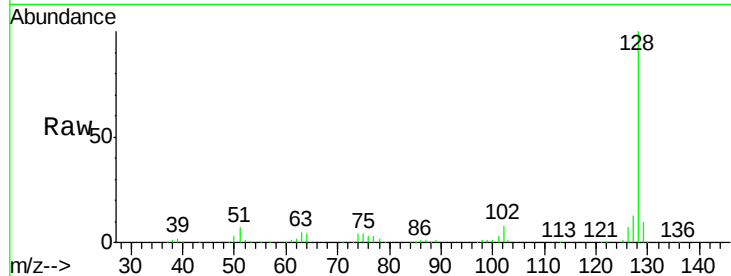
ClientSampleId :

88-20-90-20MSD

Tot Ion:	128	Resp:	302991
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.8	13.2
127	12.9	10.9	16.3

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#32

Benzoic acid

Concen: 22.453 ng

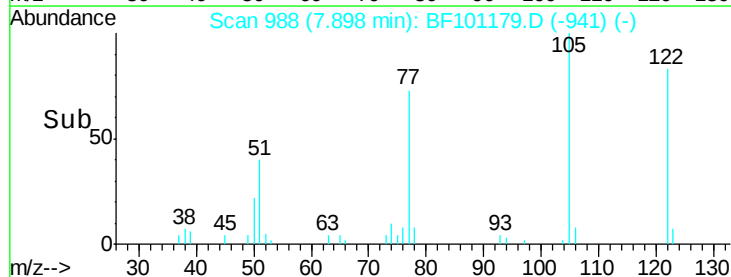
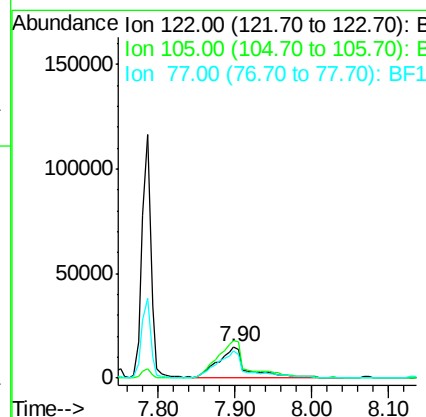
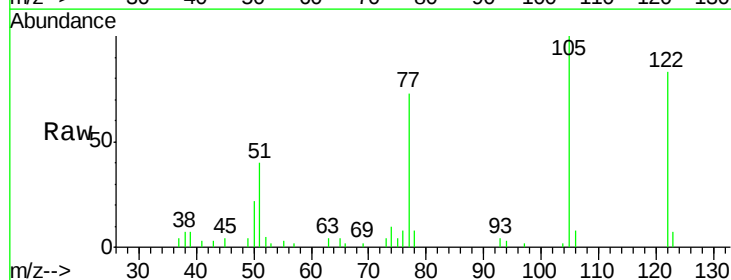
RT: 7.90 min Scan# 988

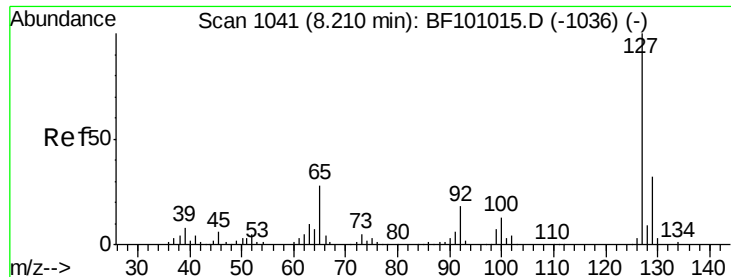
Delta R.T. -0.02 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	122	Resp:	39874
Ion Ratio	Lower	Upper	
122	100		
105	119.8	101.1	141.1
77	87.5	70.7	110.7





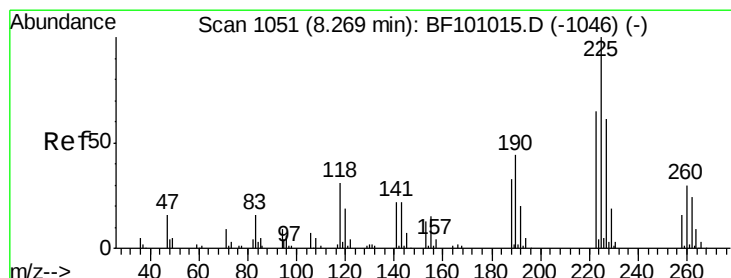
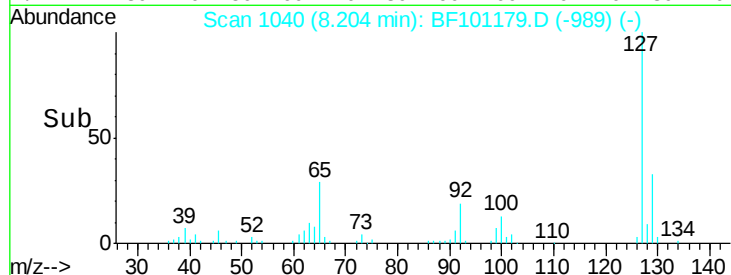
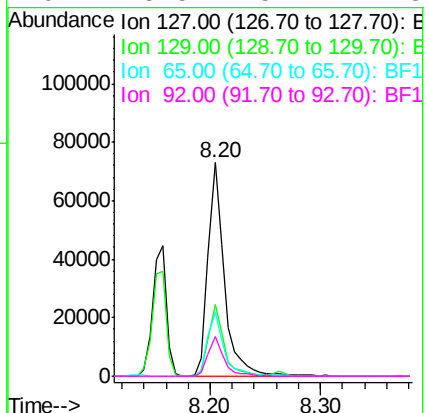
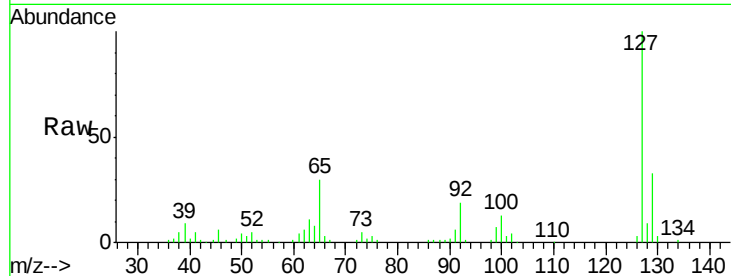
#33
4-Chloroaniline
Concen: 21.264 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	25.9	38.9		
65	30.1	25.0	37.4		
92	18.5	15.2	22.8		

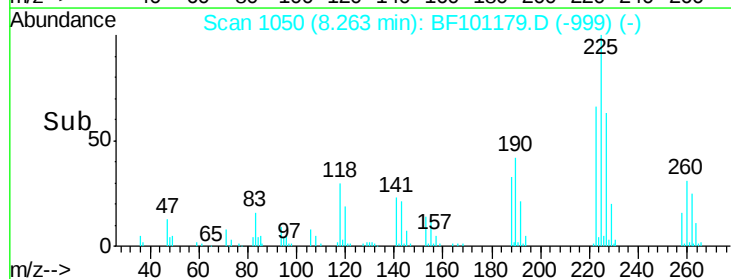
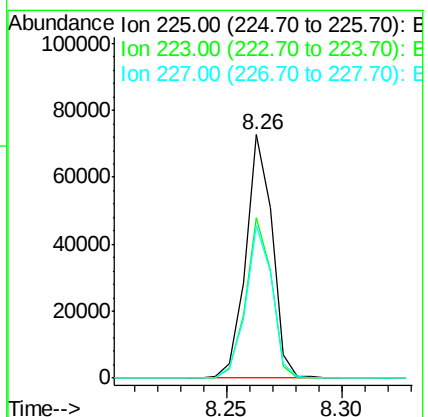
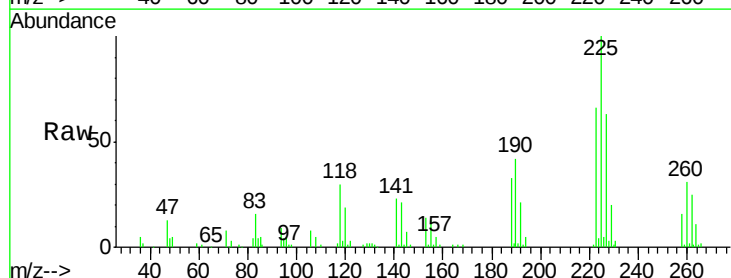
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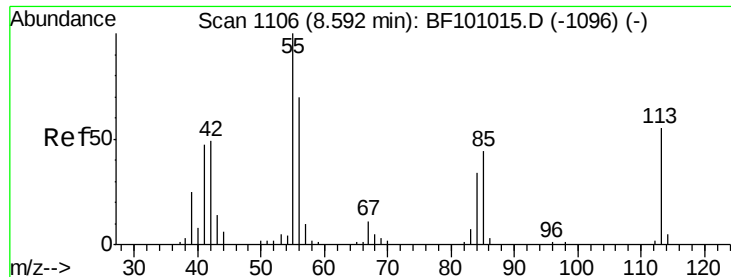
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#34
Hexachlorobutadiene
Concen: 34.696 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.7	50.6	76.0		
227	62.8	51.9	77.9		





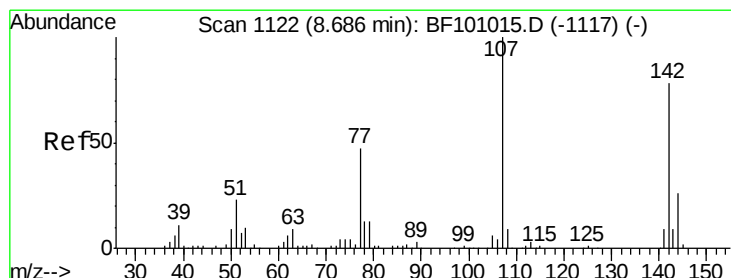
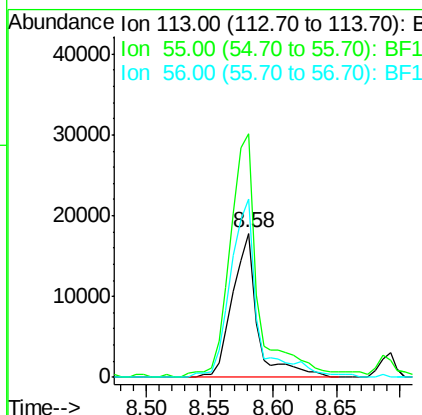
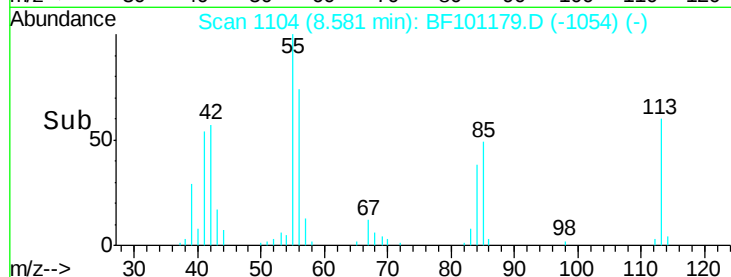
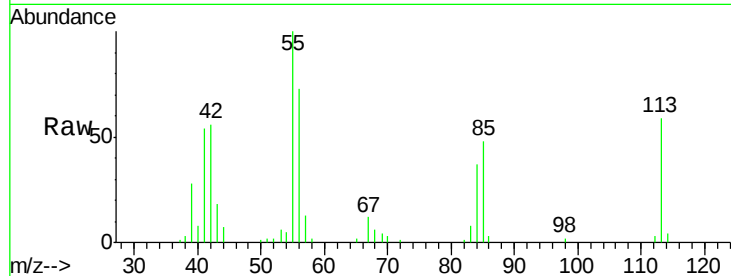
#35
 Caprolactam
 Concen: 31.441 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.7	163.3	203.3
56	123.3	115.7	155.7

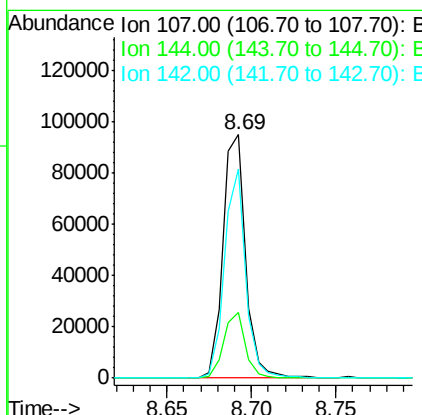
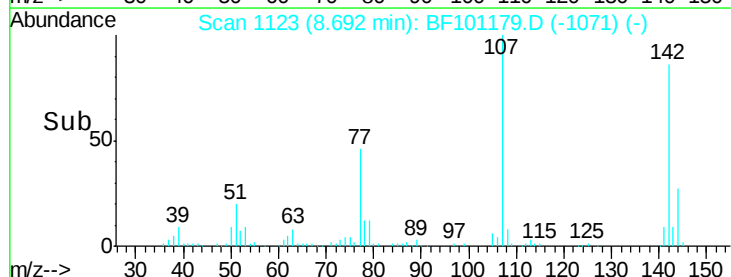
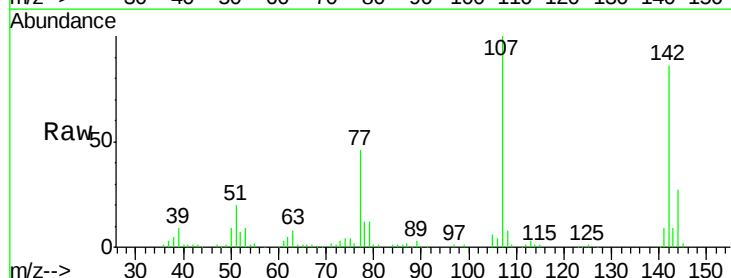
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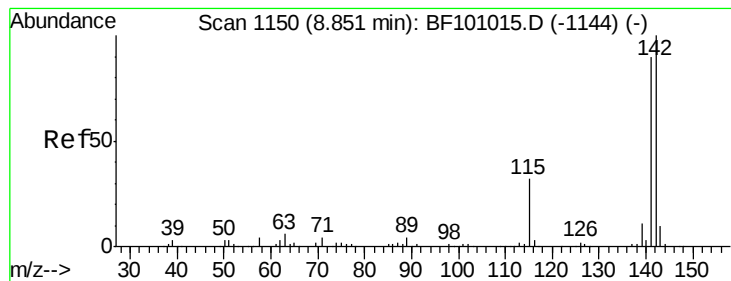
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#36
 4-Chloro-3-methylphenol
 Concen: 34.597 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.5	30.7
142	85.7	62.0	93.0





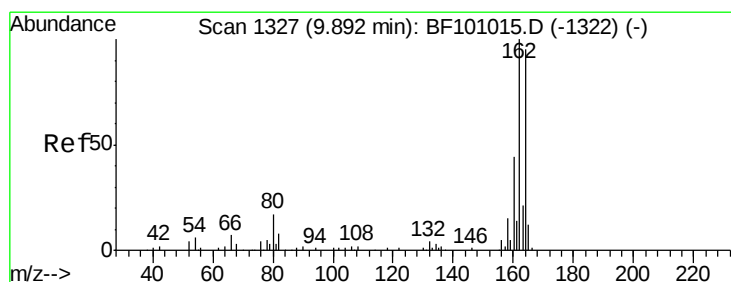
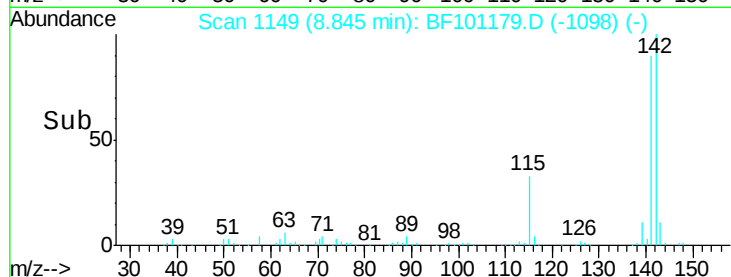
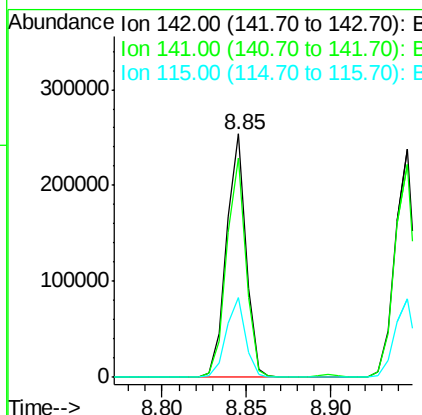
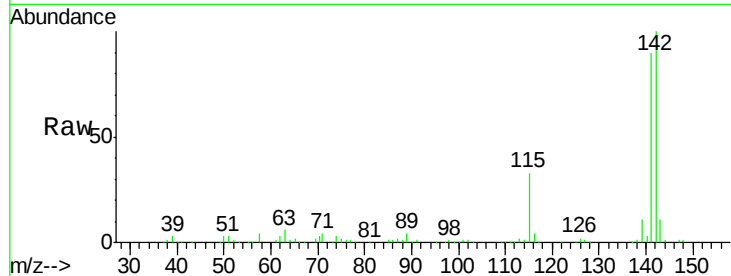
#37
2-Methylnaphthalene
Concen: 34.687 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	32.6	26.1	39.1

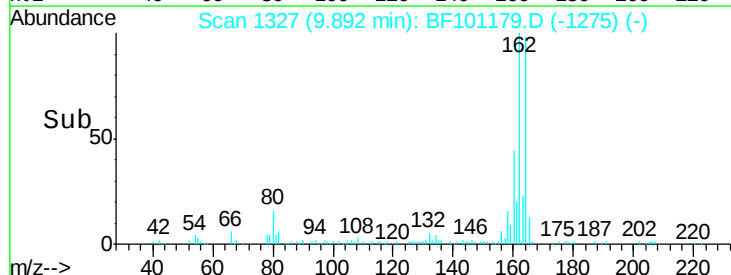
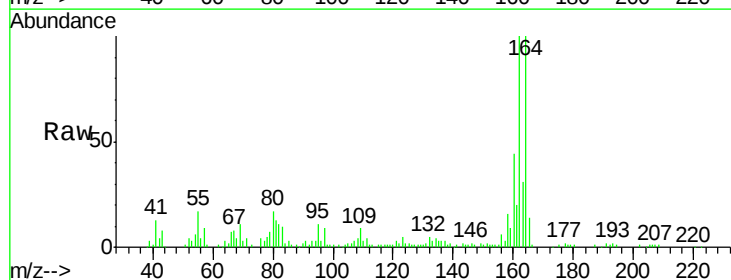
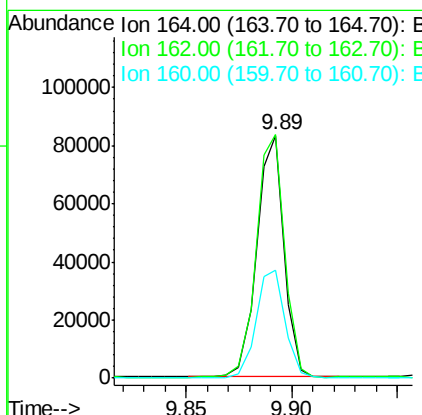
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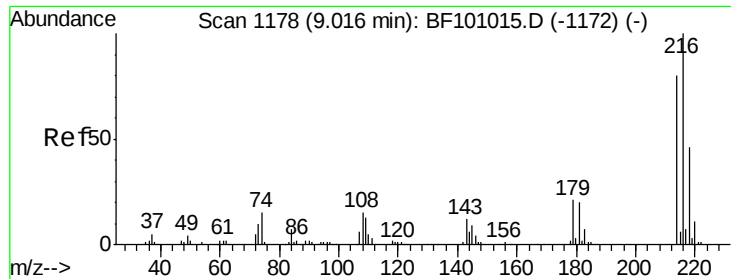
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	44.4	38.3	57.5





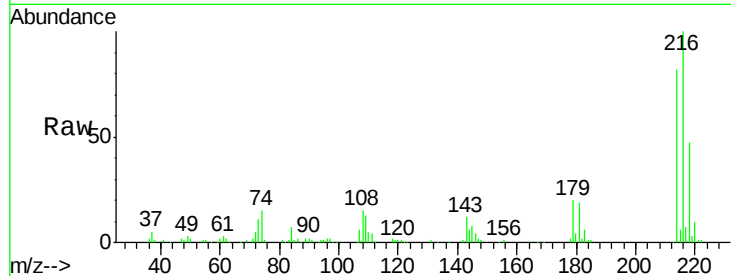
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.210 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

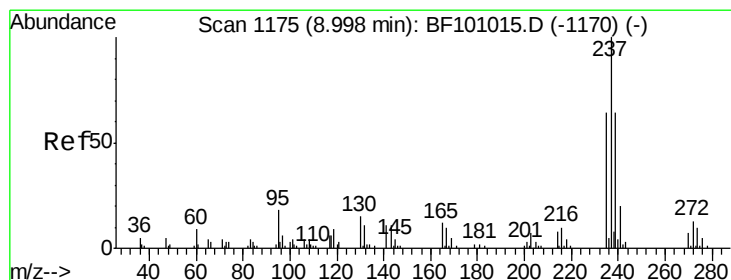
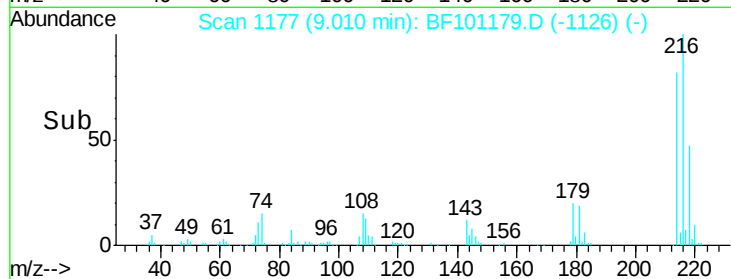
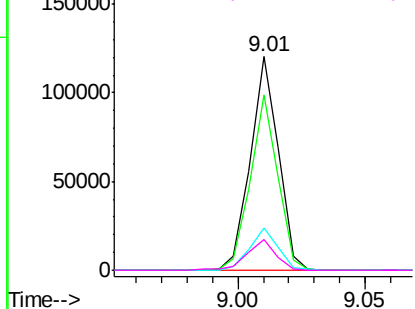
Tot Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.0	94.4
179	20.3	18.1	27.1
108	14.9	17.2	25.8

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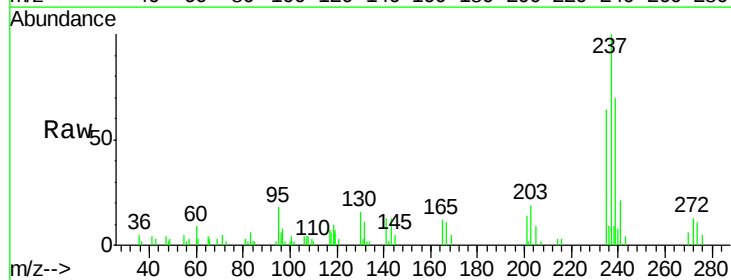


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

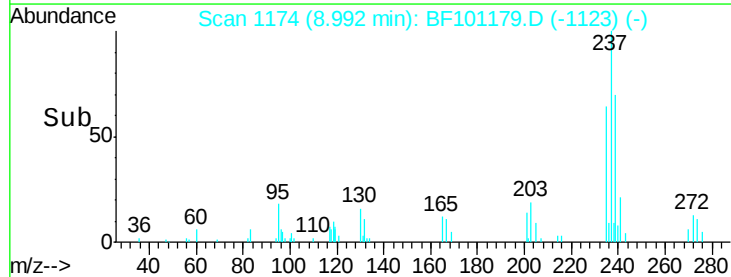
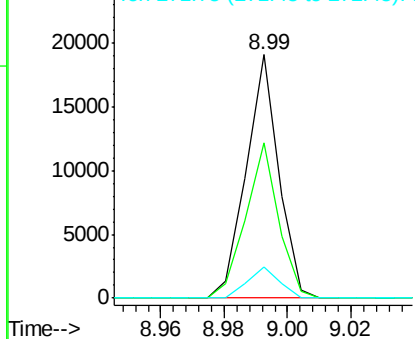


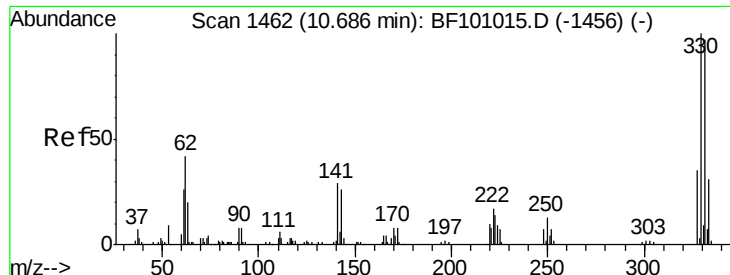
#40
 Hexachlorocyclopentadiene
 Concen: 20.506 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.0	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: 89.136 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

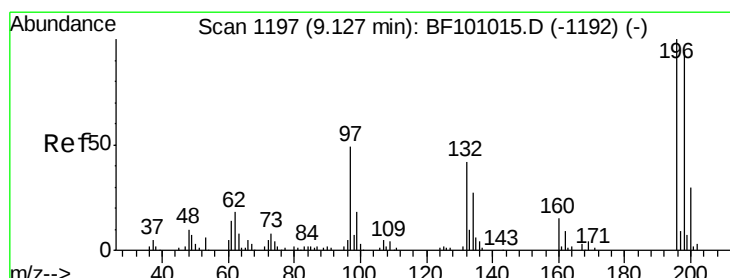
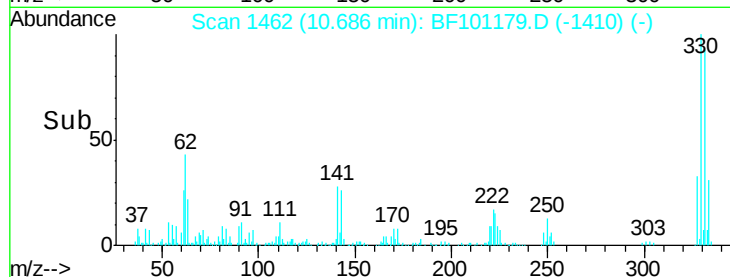
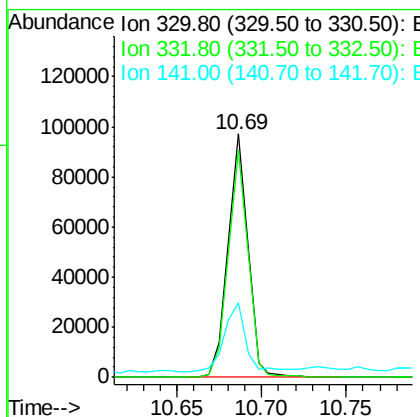
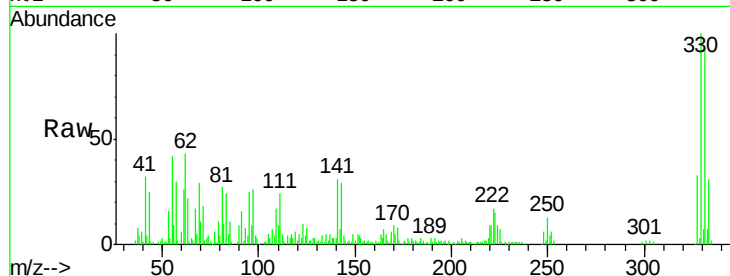
ClientSampleId :

88-20-90-20MSD

Tot Ion:	330	Resp:	79742
Ion Ratio	Lower	Upper	
330	100		
332	92.6	77.0	115.6
141	30.5	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 39.118 ng

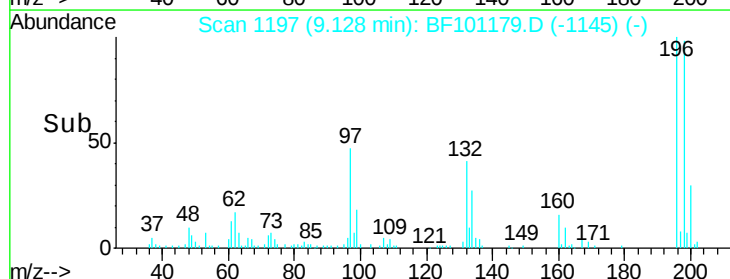
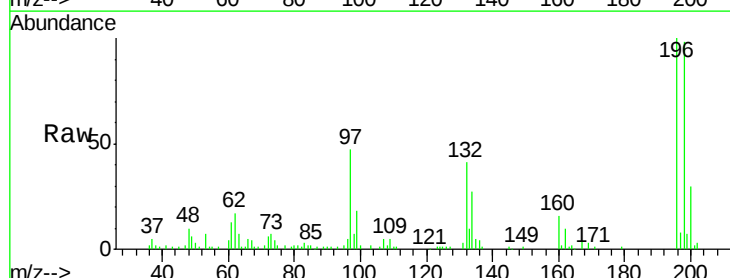
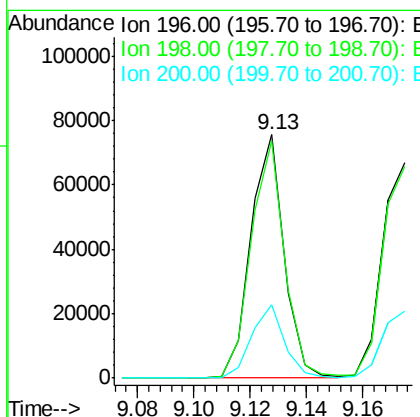
RT: 9.13 min Scan# 1197

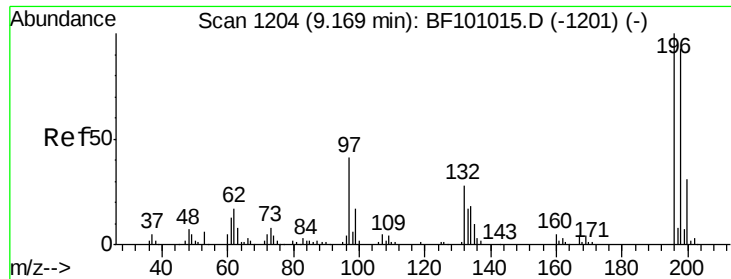
Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	196	Resp:	62038
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.7	113.5
200	29.9	24.5	36.7





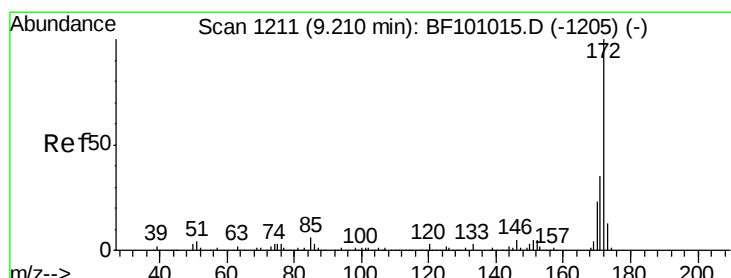
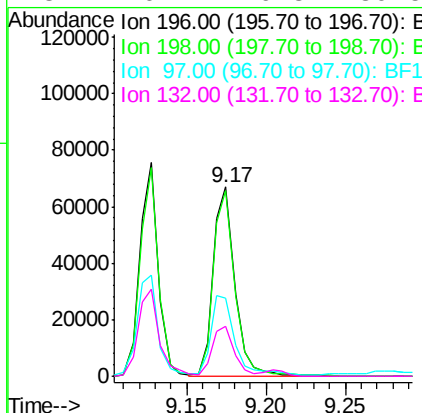
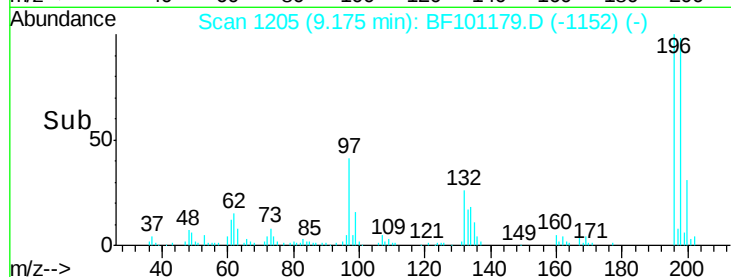
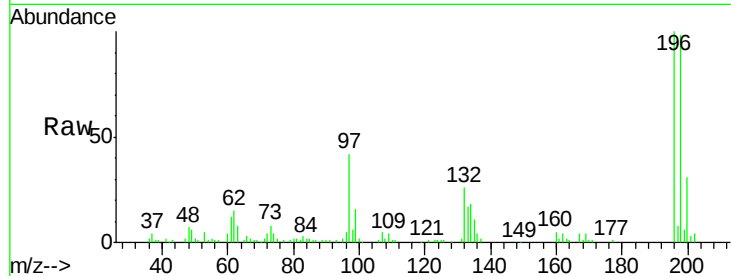
#43
 2,4,5-Trichlorophenol
 Concen: 37.808 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64103		
198	98.1	74.6	112.0	
97	41.5	42.9	64.3	
132	26.2	26.3	39.5	

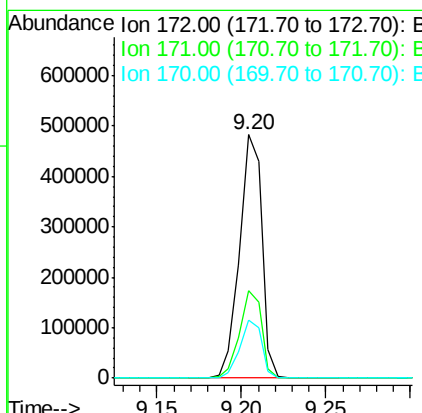
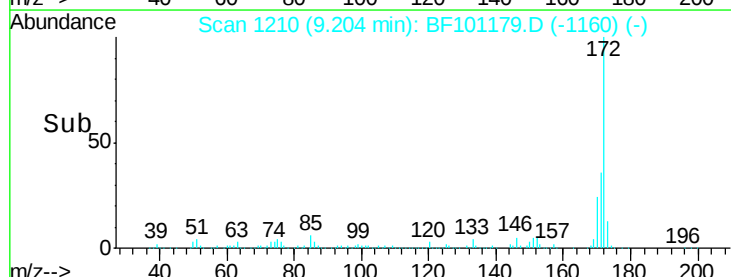
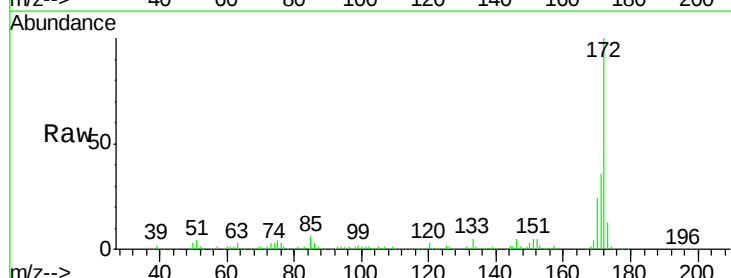
Manual Integrations
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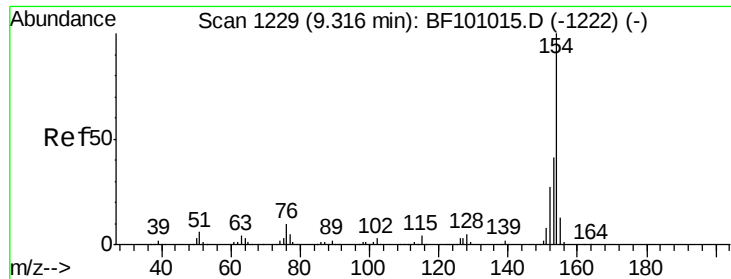
Sohil
 12/7/2017 11:36:01 AM



#44
 2-Fluorobiphenyl
 Concen: 81.774 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	445096		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	





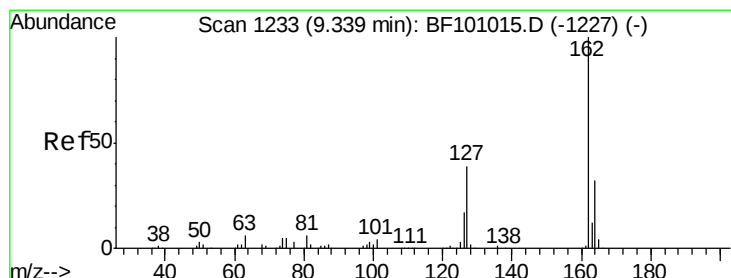
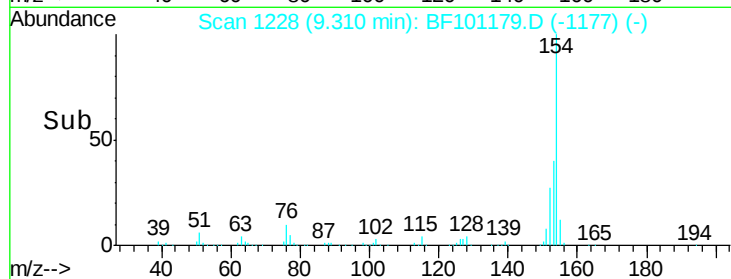
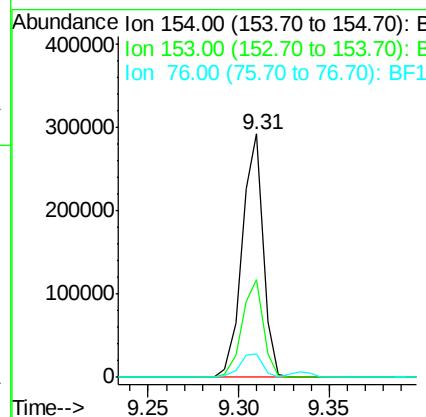
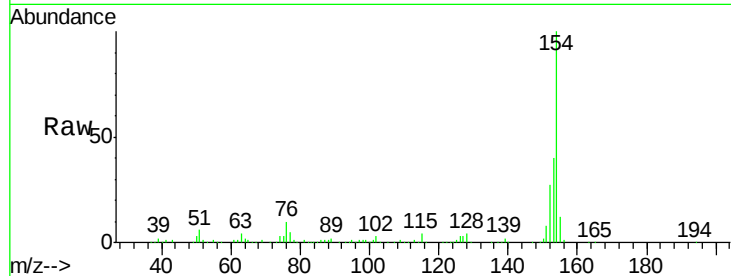
#45
 1,1'-Biphenyl
 Concen: 34.475 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.3	61.3
76	9.7	0.0	34.0

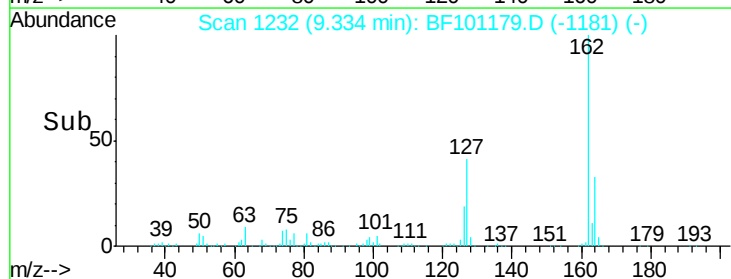
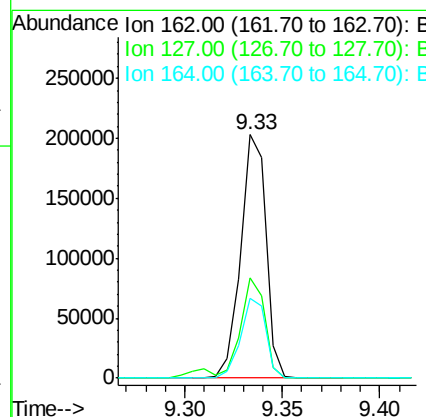
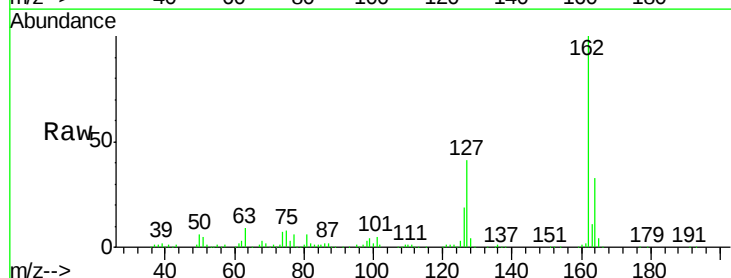
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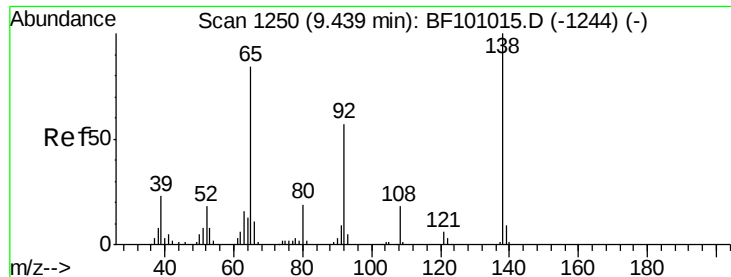
Sohil
 12/7/2017 11:36:01 AM



#46
 2-Chloronaphthalene
 Concen: 37.737 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	32.6	26.5	39.7





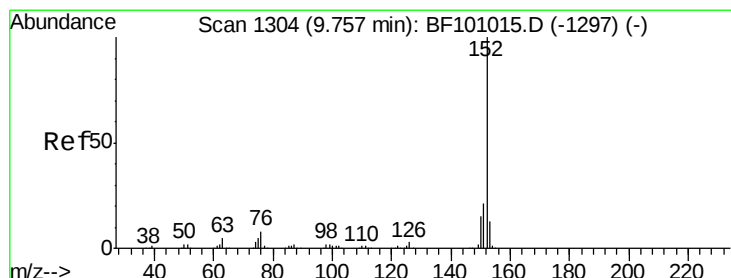
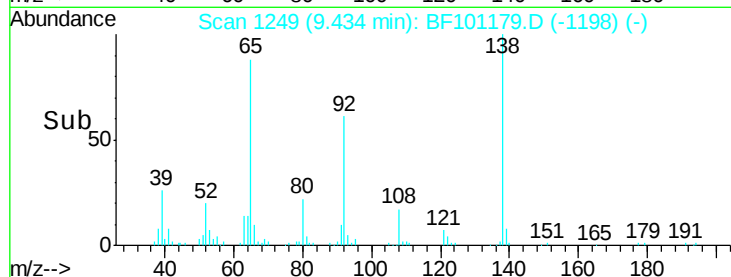
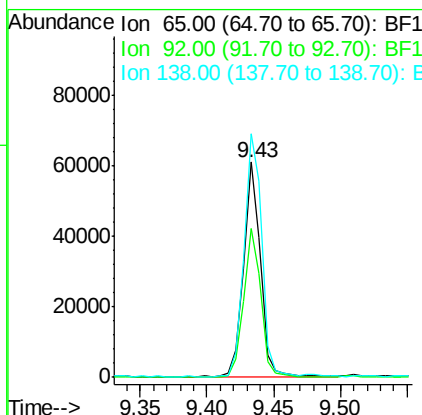
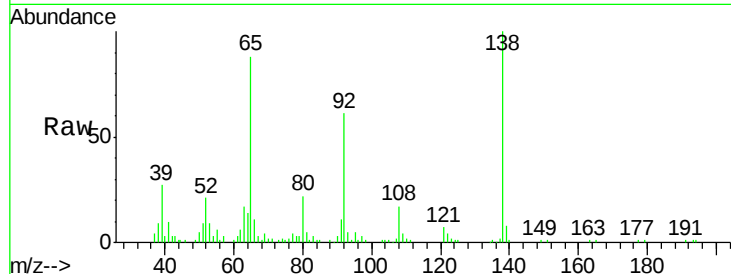
#47
2-Nitroaniline
Concen: 37.881 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	55.8	83.6
138	113.2	91.2	136.8

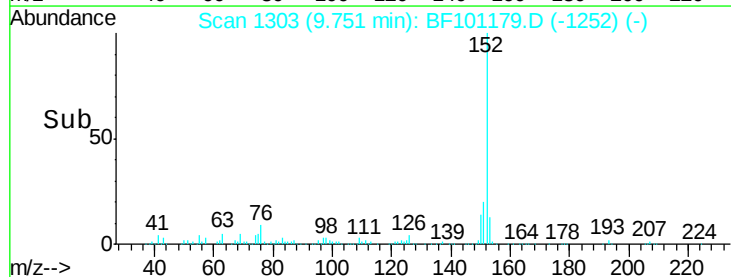
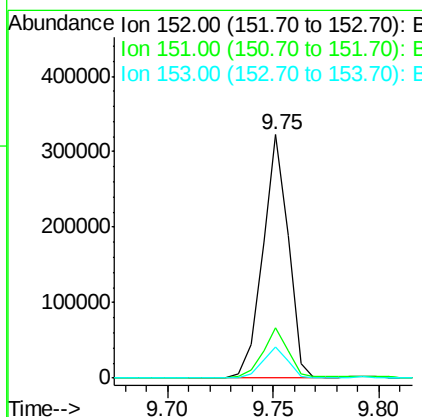
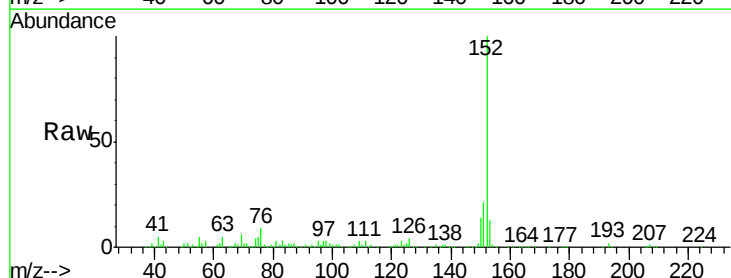
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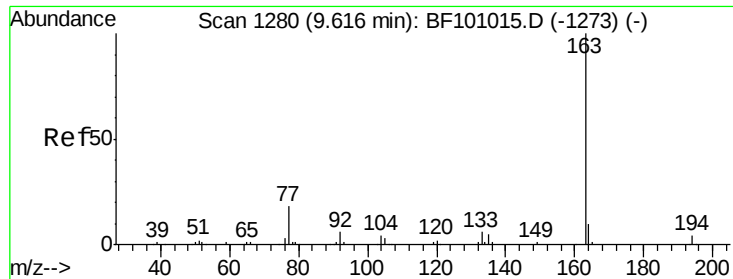
Sohil
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#48
Acenaphthylene
Concen: 33.734 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

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





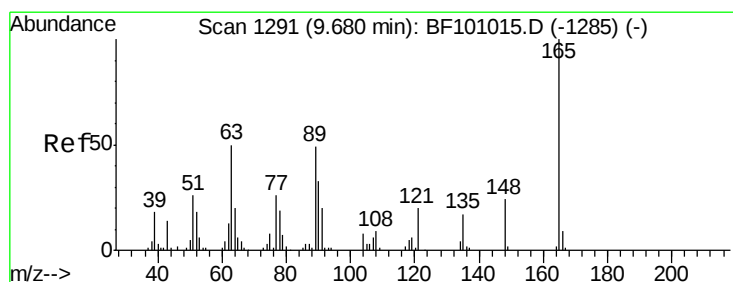
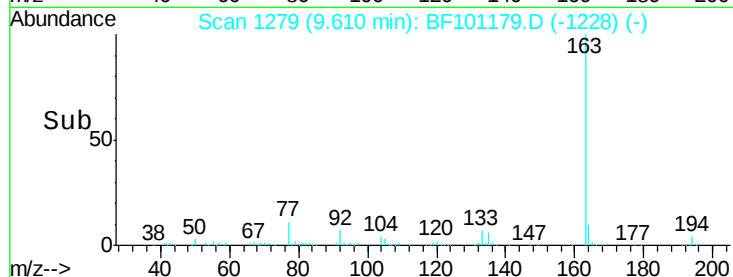
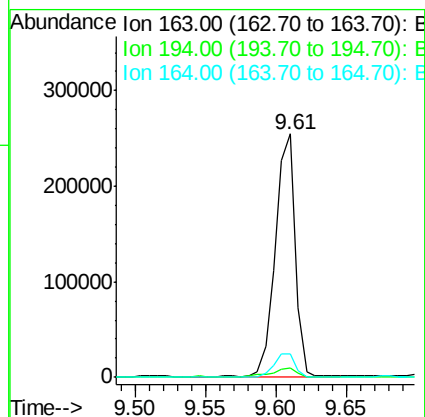
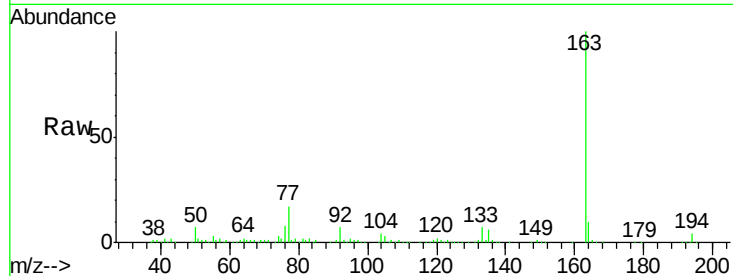
#49
Dimethylphthalate
Concen: 41.850 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		251347		
194	4.0		2.7	4.1	
164	9.6		8.2	12.2	

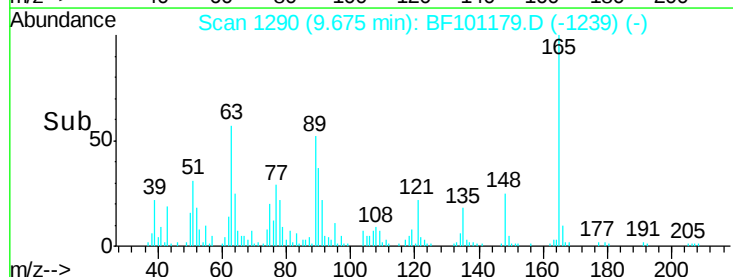
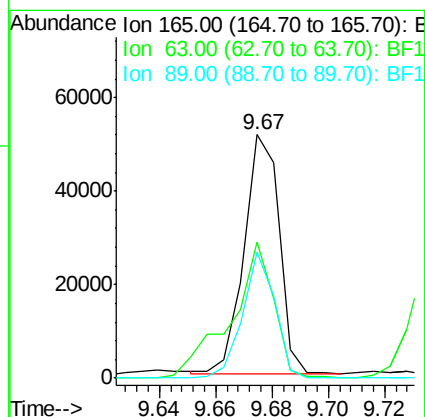
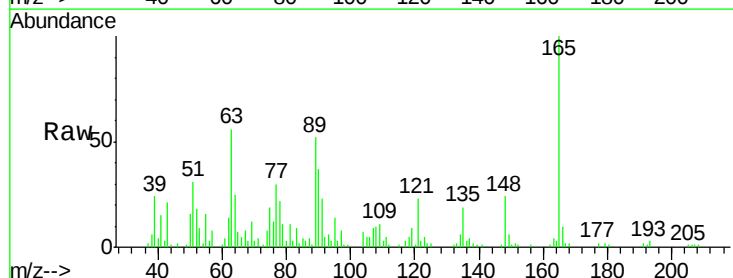
Manual Integrations
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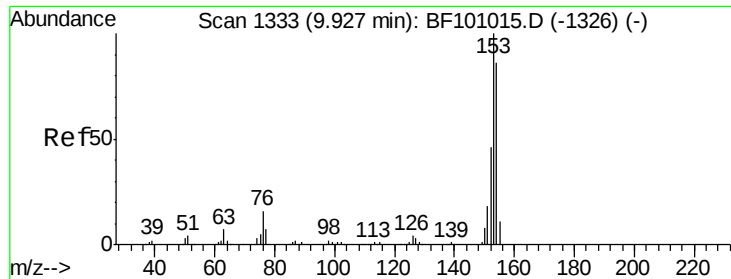
Sohil
12/7/2017 11:36:01 AM



#50
2,6-Dinitrotoluene
Concen: 35.016 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		44295		
63	56.1		44.7	67.1	
89	51.7		44.0	66.0	





#51

Acenaphthene

Concen: 33.253 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

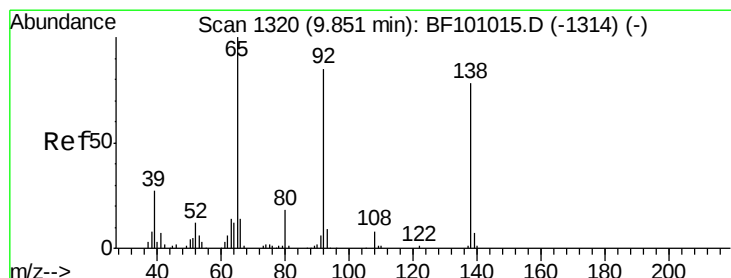
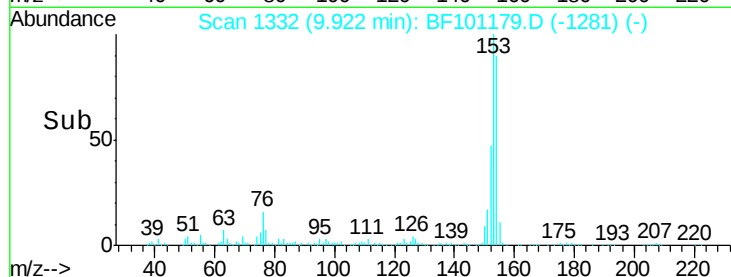
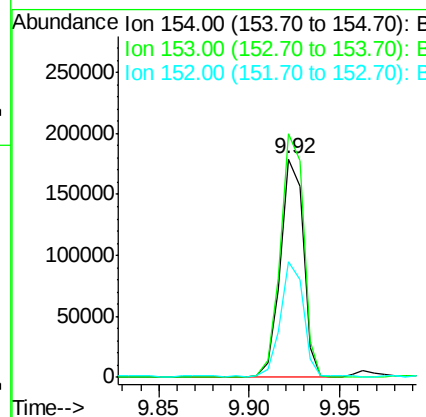
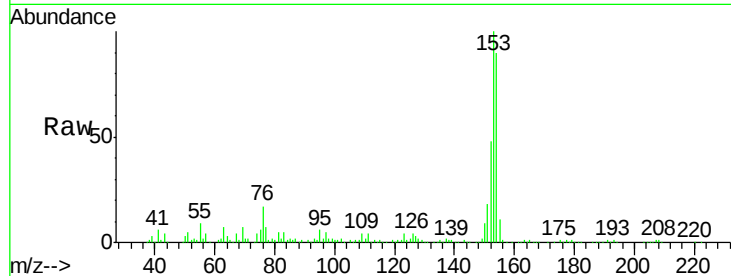
ClientSampleId :

88-20-90-20MSD

Tot Ion:	154	Resp:	158562
Ion Ratio	Lower	Upper	
154	100		
153	111.5	91.2	136.8
152	53.1	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.684 ng

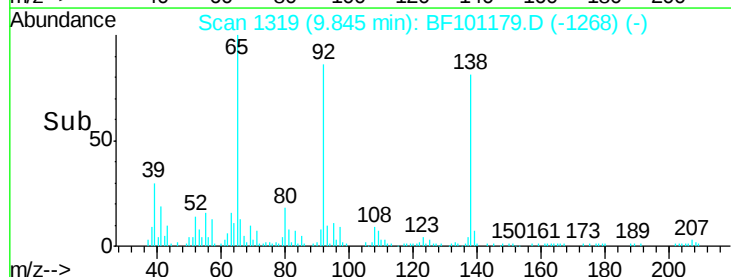
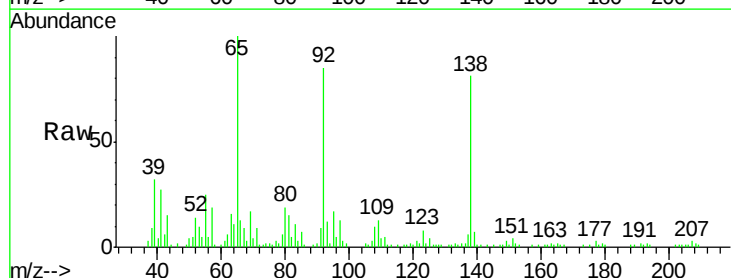
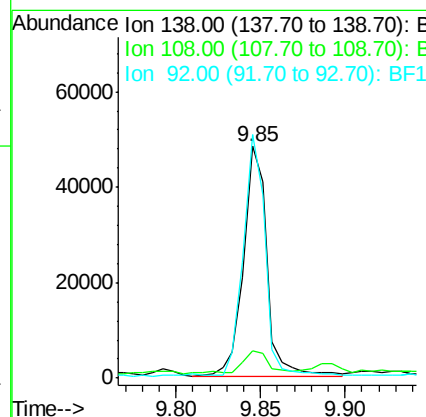
RT: 9.85 min Scan# 1319

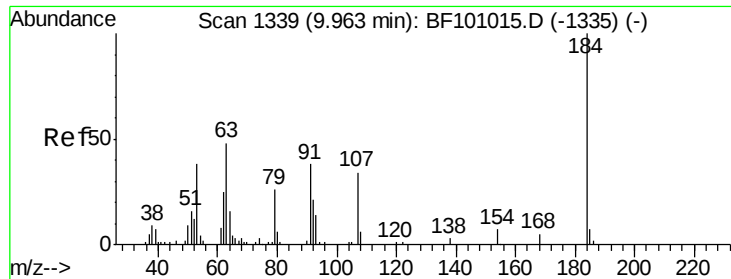
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	138	Resp:	46495
Ion Ratio	Lower	Upper	
138	100		
108	11.9	9.4	14.0
92	105.1	89.4	134.2





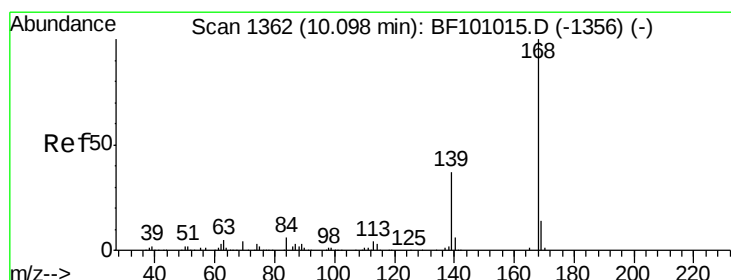
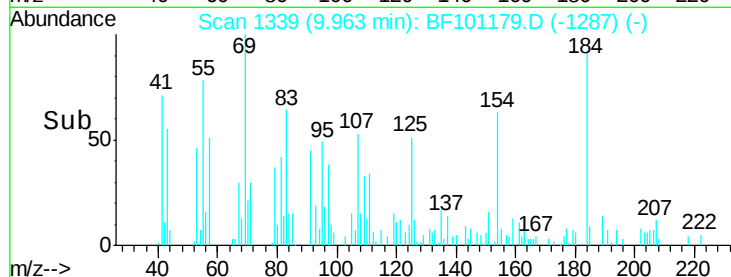
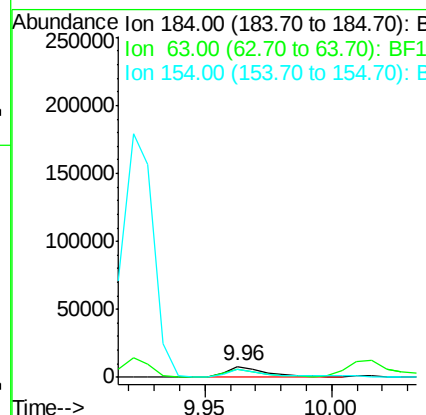
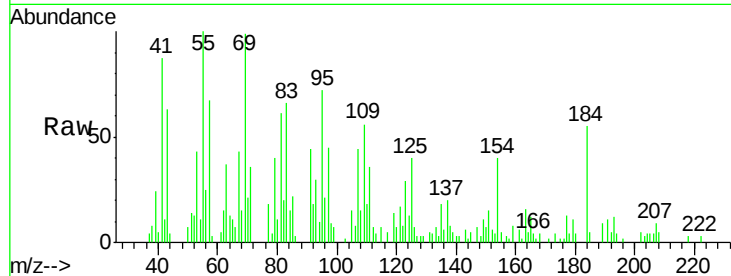
#53
2,4-Dinitrophenol
Concen: 18.300 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.7	54.2	81.2
154	73.0	184.0	276.0#

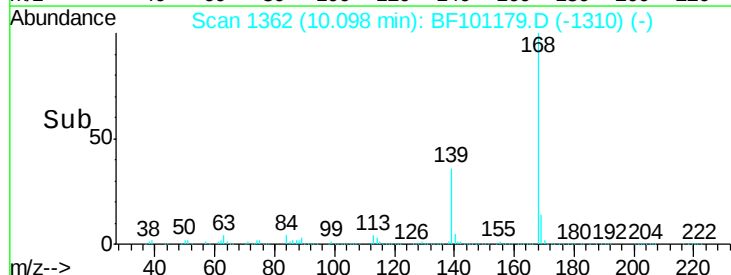
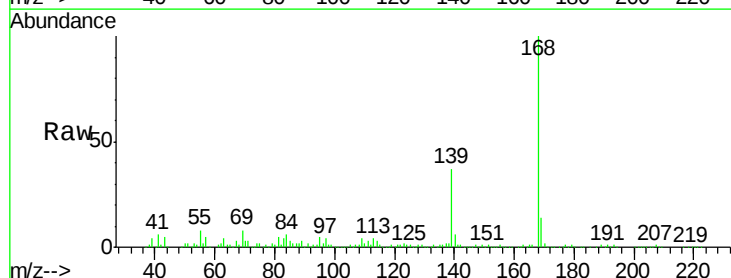
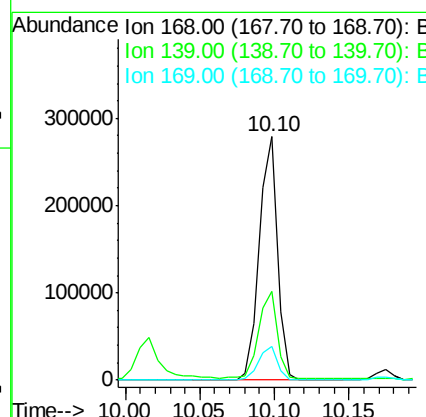
Manual Integrations
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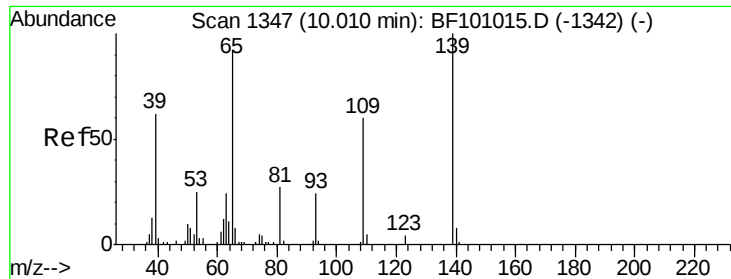
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#54
Dibenzofuran
Concen: 34.014 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	14.1	10.9	16.3





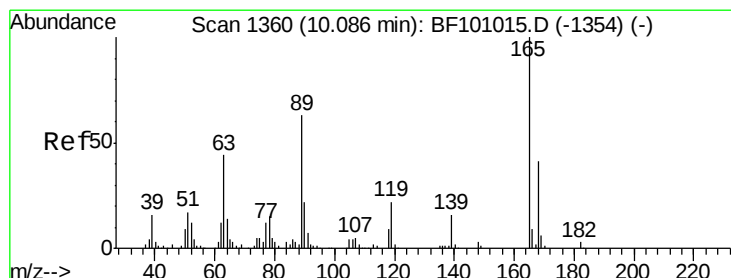
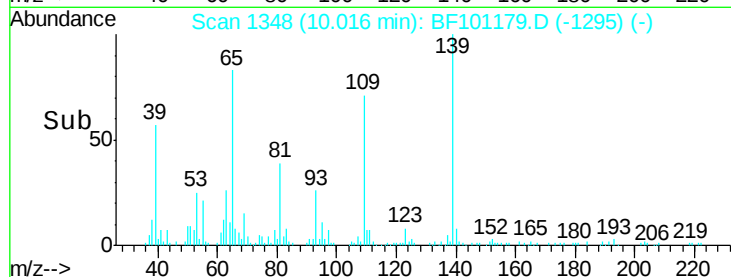
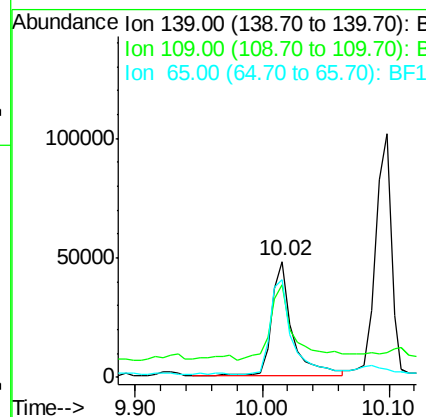
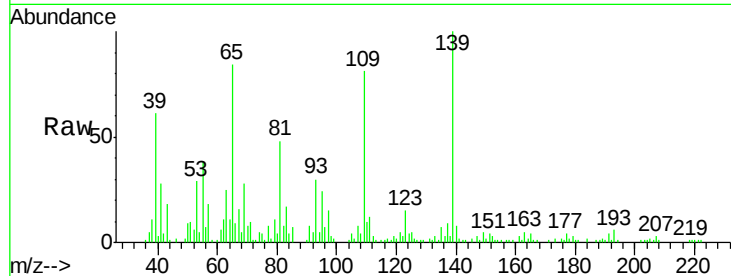
#55
4-Nitrophenol
Concen: 56.143 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	80.6	48.4	88.4
65	84.2	72.6	112.6

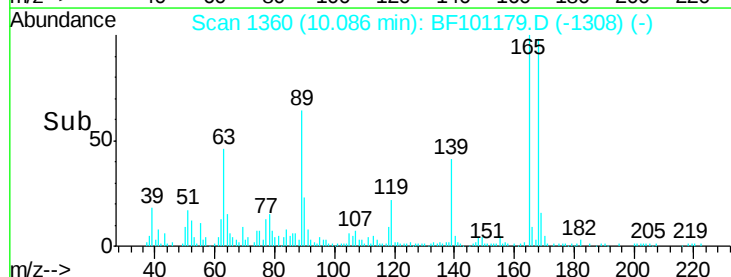
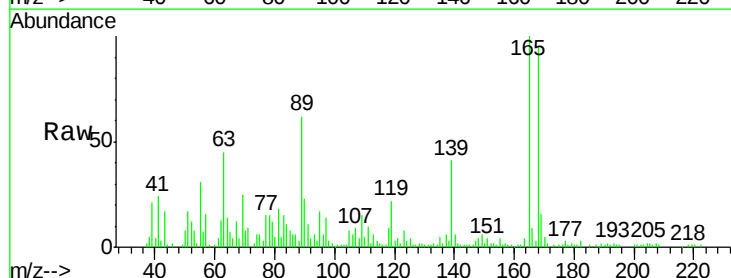
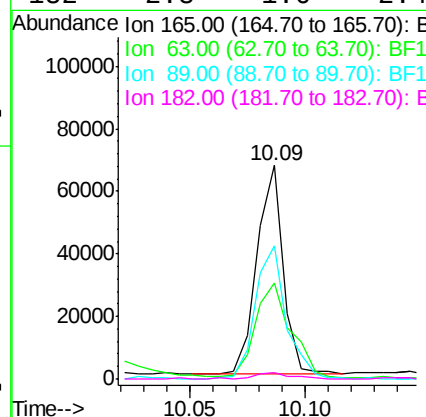
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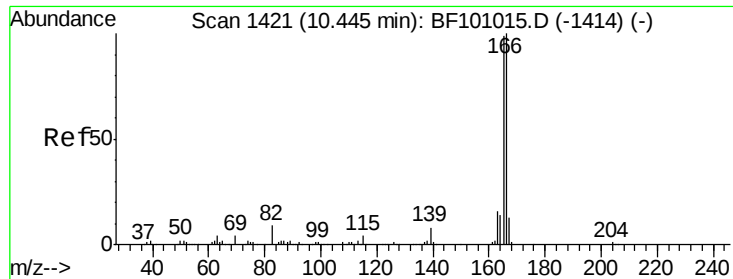
Sohil
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#56
2,4-Dinitrotoluene
Concen: 31.171 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.8	36.4	54.6
89	62.2	57.8	86.6
182	2.8	1.6	2.4#





#57

Fluorene

Concen: 31.278 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

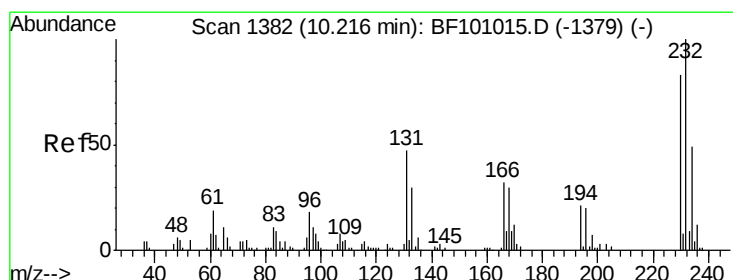
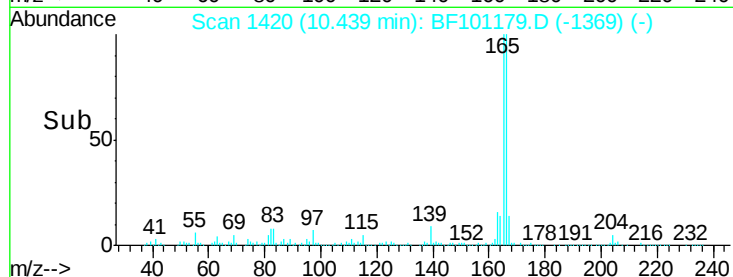
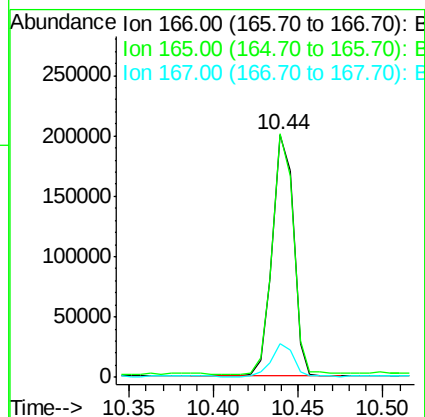
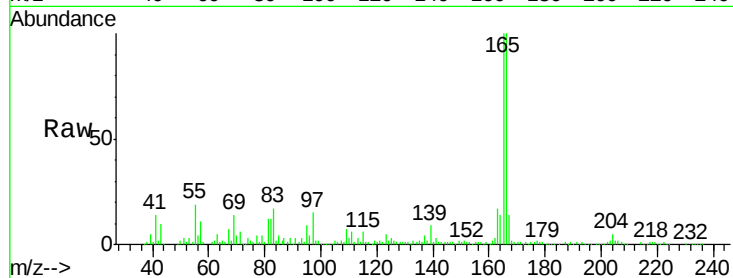
ClientSampleId :

88-20-90-20MSD

Tot Ion:	166	Resp:	174717
Ion Ratio	Lower	Upper	
166	100		
165	100.3	79.8	119.8
167	13.8	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.859 ng

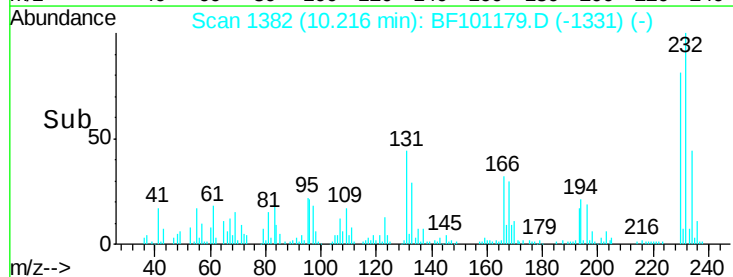
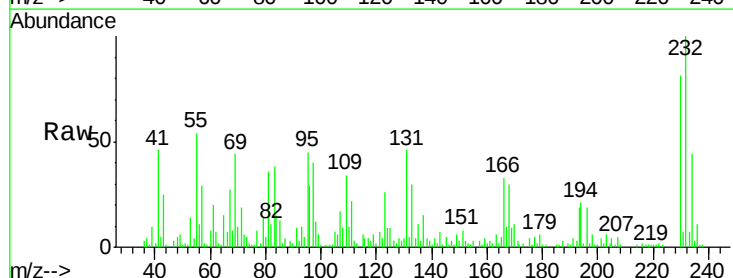
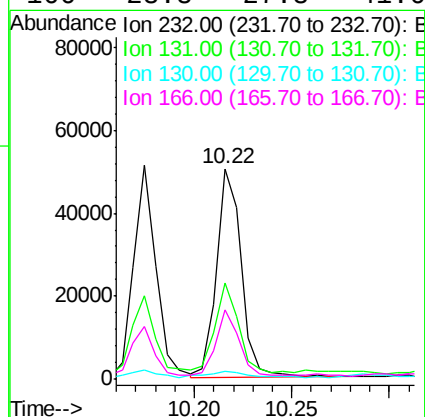
RT: 10.22 min Scan# 1382

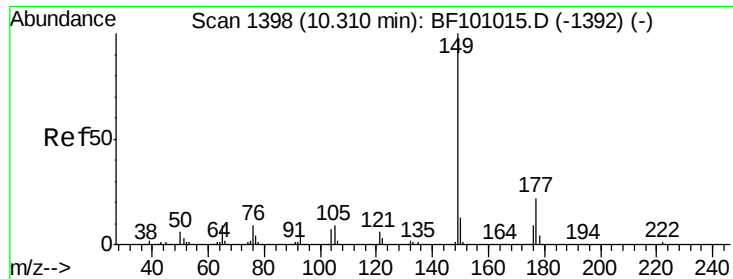
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	232	Resp:	44607
Ion Ratio	Lower	Upper	
232	100		
131	41.0	43.8	65.8#
130	4.8	2.1	3.1#
166	28.8	27.8	41.6





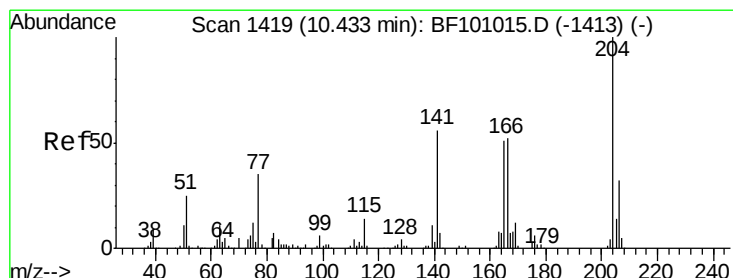
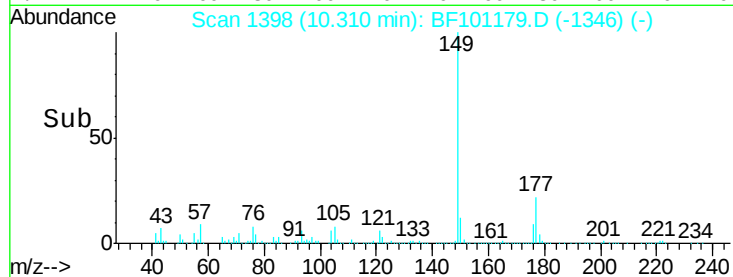
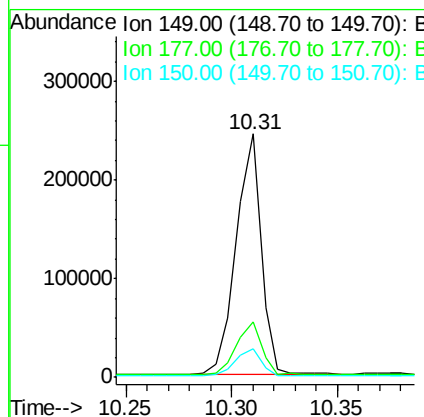
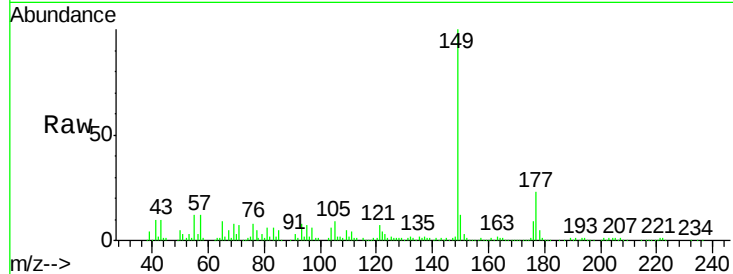
#59
Diethylphthalate
Concen: 33.443 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion:	149	Resp:	198114
Ion Ratio	Lower	Upper	
149	100		
177	23.0	16.1	24.1
150	12.0	10.1	15.1

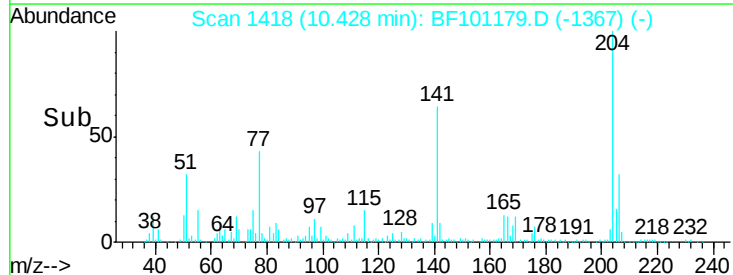
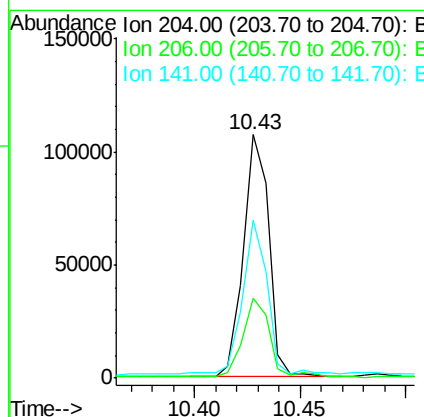
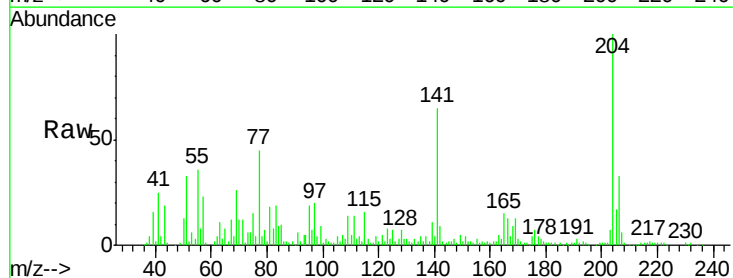
Manual Integrations
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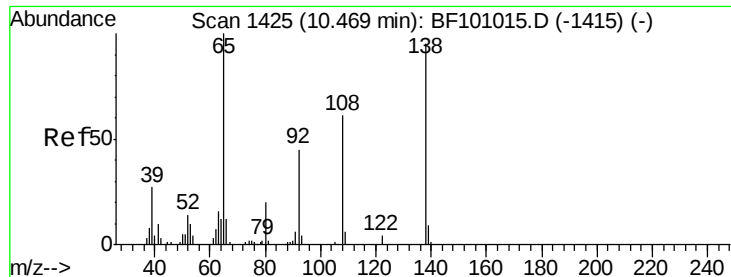
Sohil
12/7/2017 11:36:01 AM



#60
4-Chlorophenyl-phenylether
Concen: 31.932 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion:	204	Resp:	88069
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	64.9	54.6	81.8





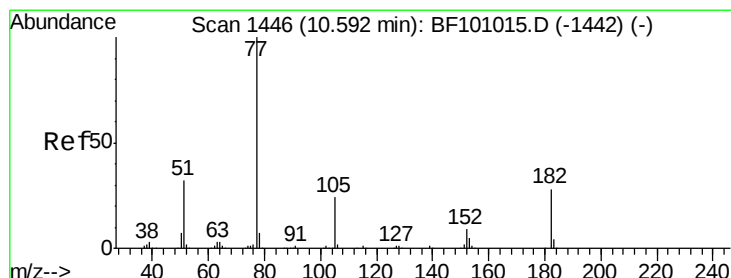
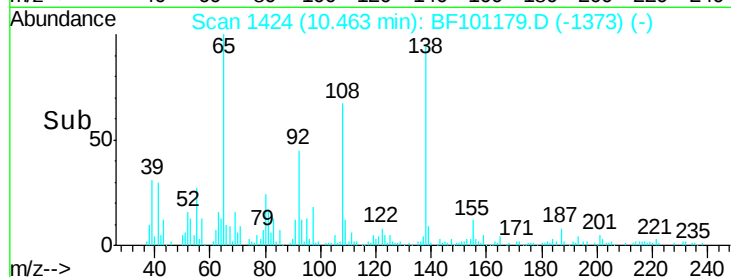
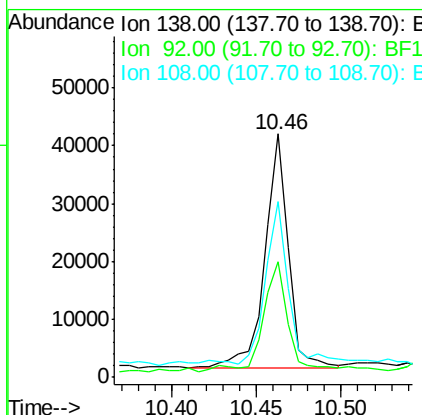
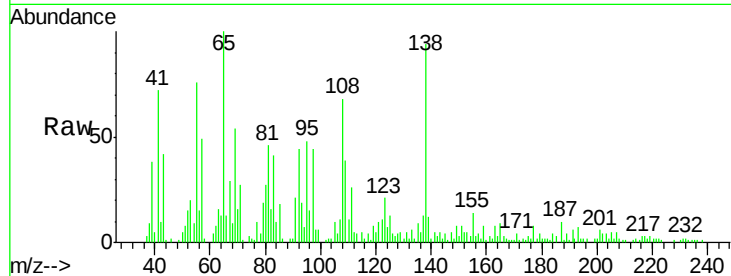
#61
4-Nitroaniline
Concen: 26.097 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.3	30.2	70.2
108	72.2	52.5	92.5

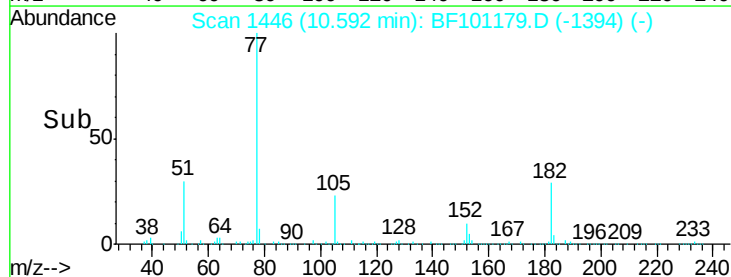
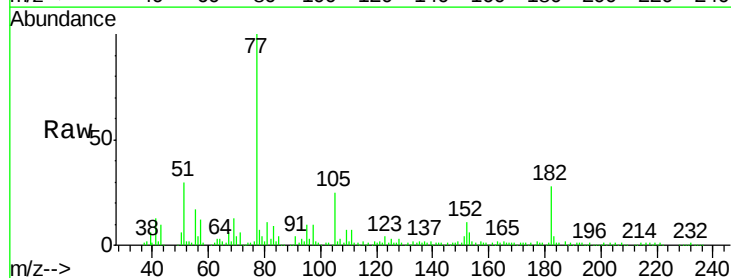
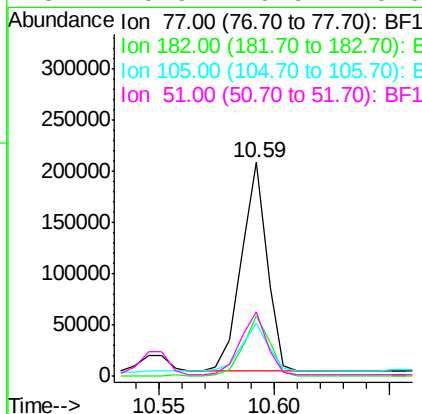
Manual Integrations
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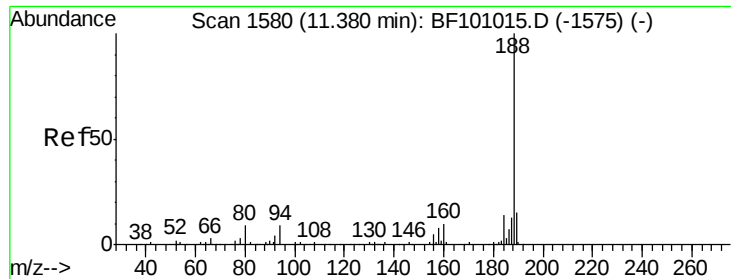
Sohil
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#62
Azobenzene
Concen: 31.681 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	24.6	3.0	43.0
51	29.9	9.9	49.9





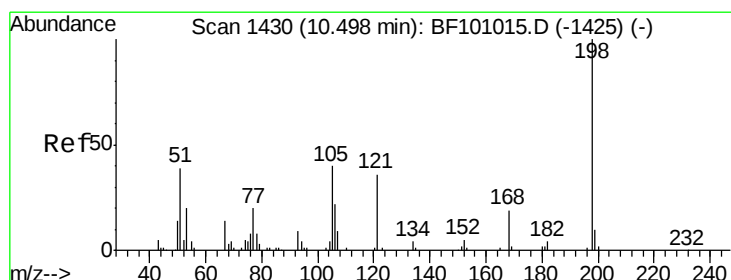
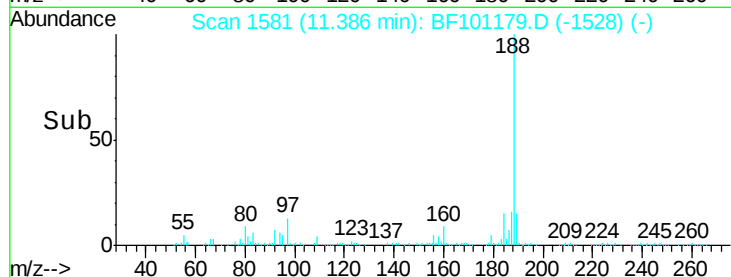
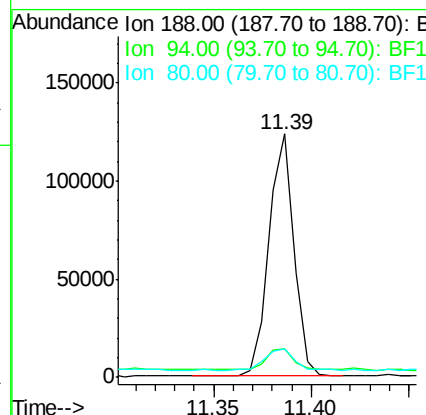
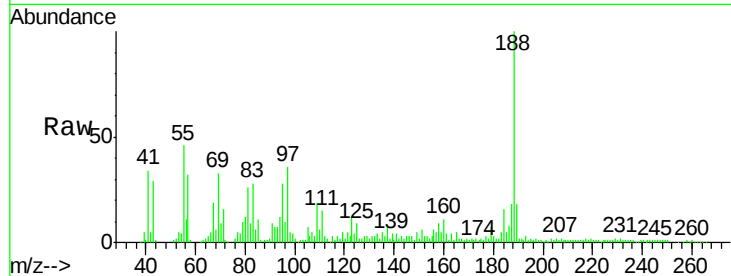
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	109804		
94	11.6		8.5	12.7
80	11.9		9.2	13.8

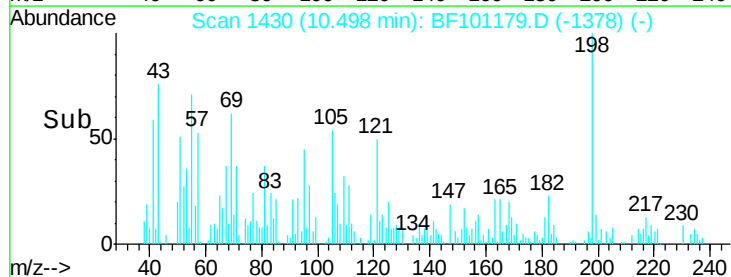
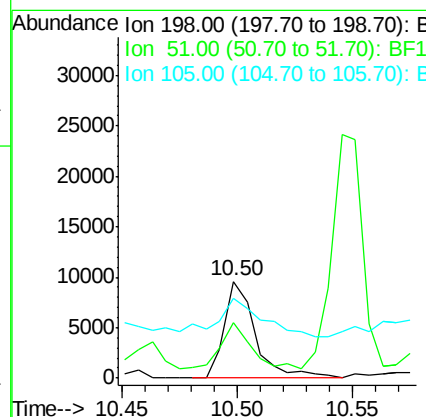
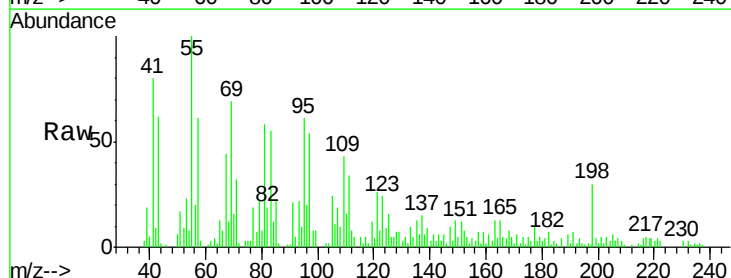
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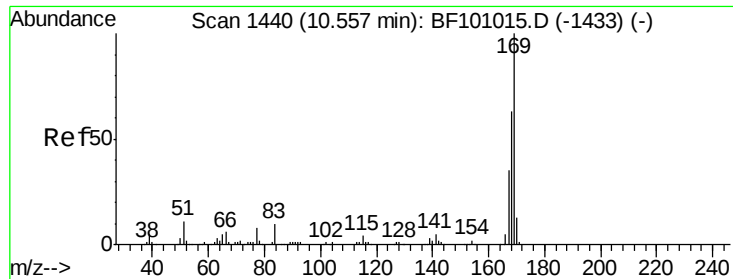
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 12.181 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	8971		
51	56.8		37.7	77.7
105	82.3		36.3	76.3#





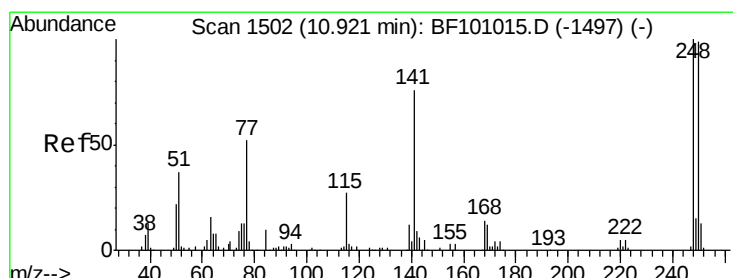
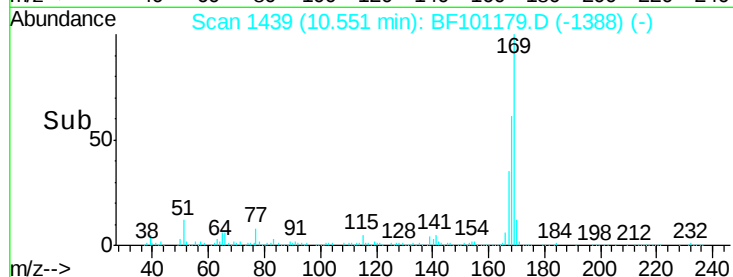
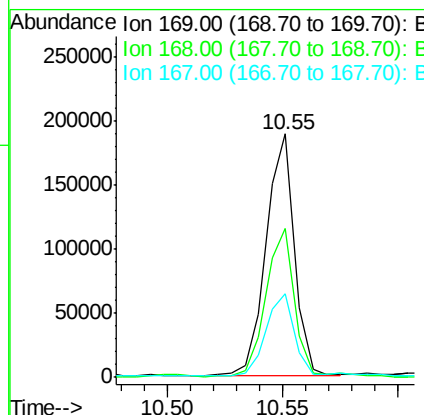
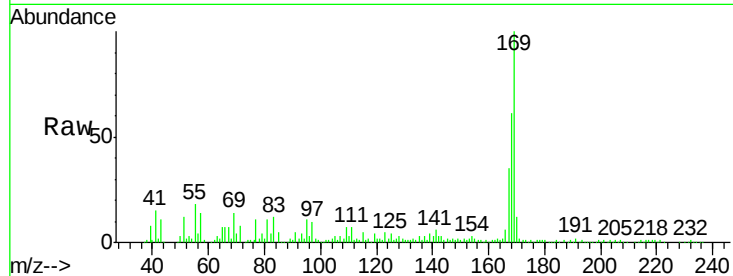
#65
n-Nitrosodiphenylamine
Concen: 42.309 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	61.3	54.4	81.6
167	34.6	29.8	44.6

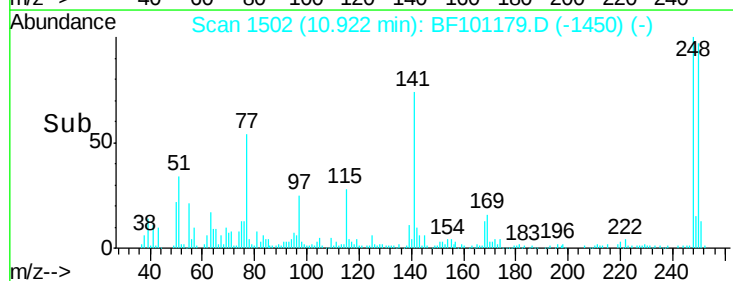
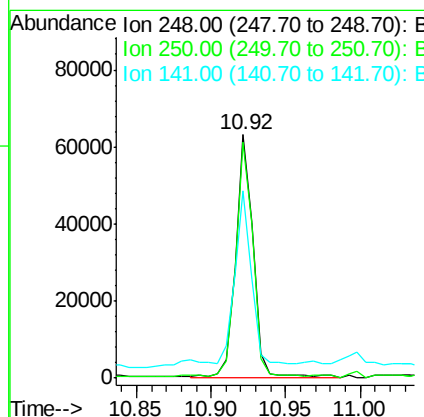
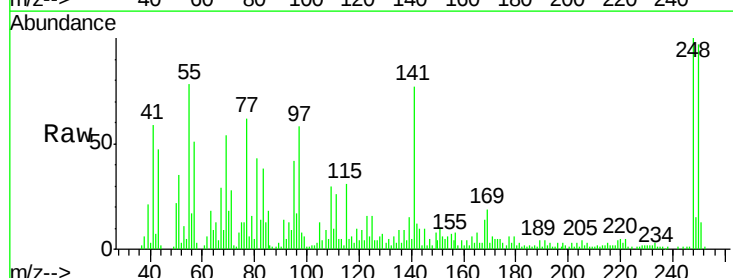
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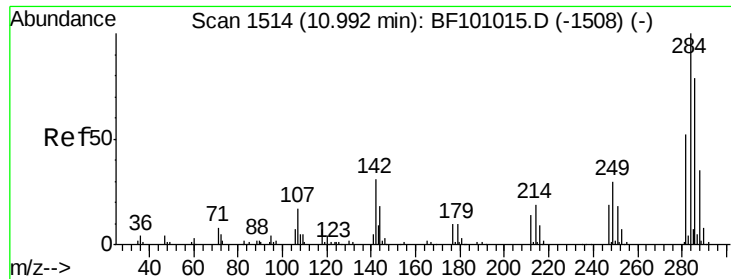
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#66
4-Bromophenyl-phenylether
Concen: 43.380 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.9	115.3
141	76.7	74.4	111.6





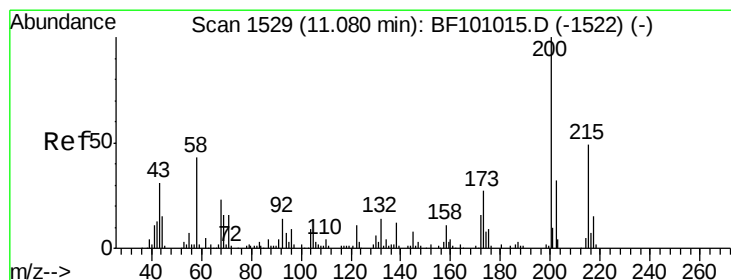
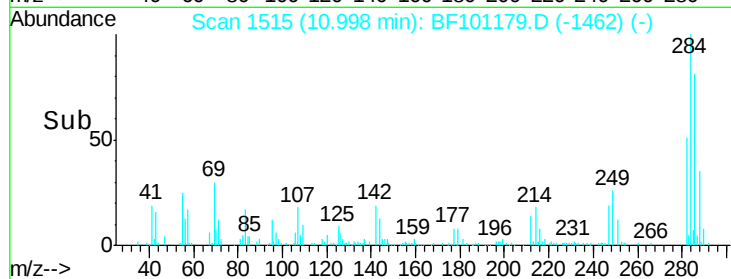
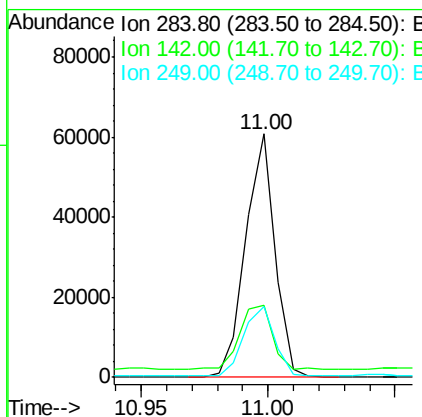
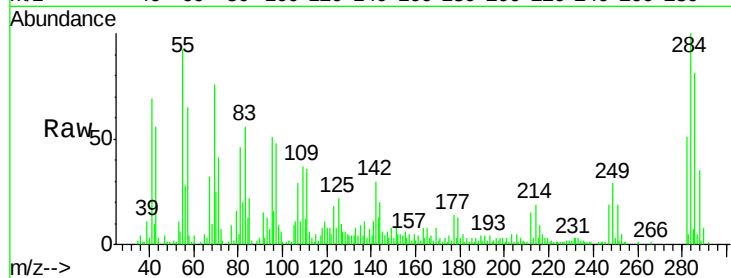
#67
Hexachlorobenzene
Concen: 37.142 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	34.6	52.0#
249	29.0	24.8	37.2

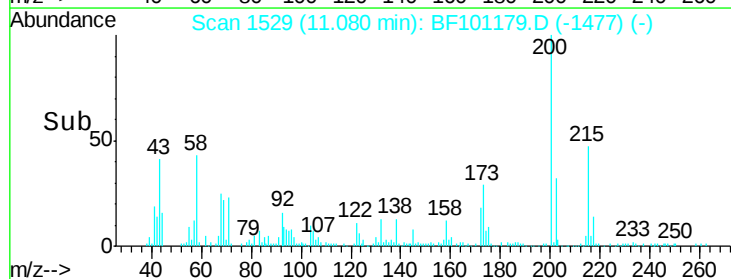
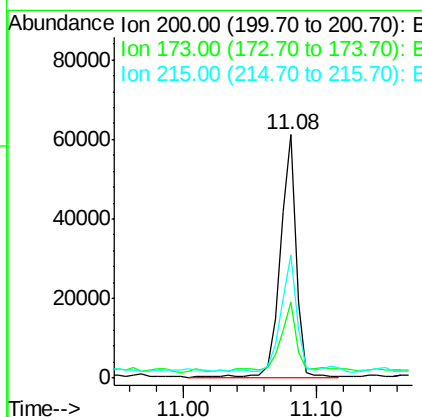
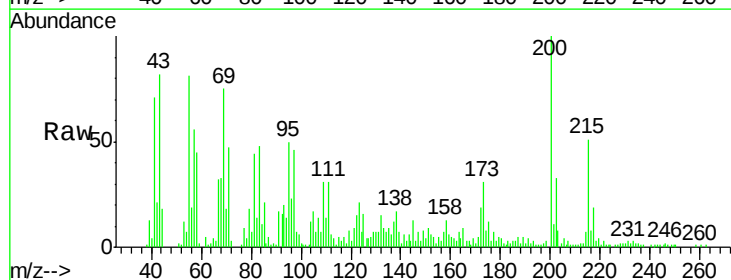
Manual Integrations
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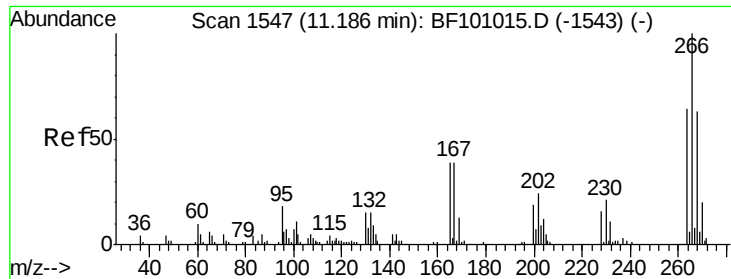
Sohil
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#68
Atrazine
Concen: 44.106 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	31.3	8.6	48.6
215	50.6	25.1	65.1





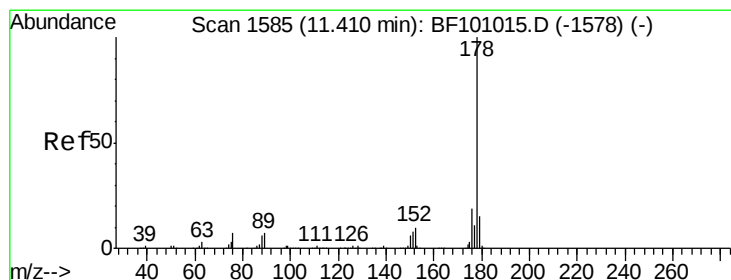
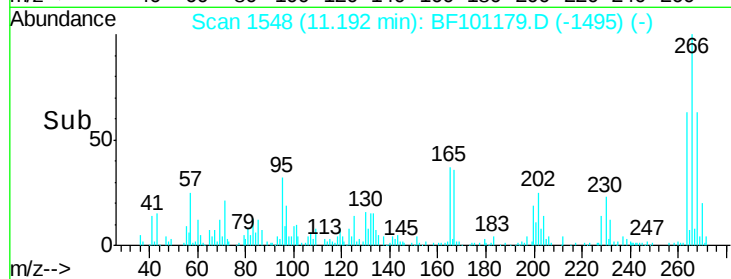
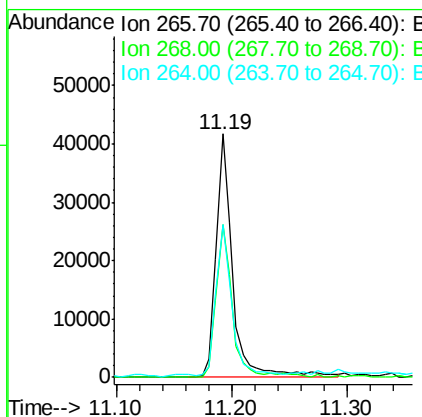
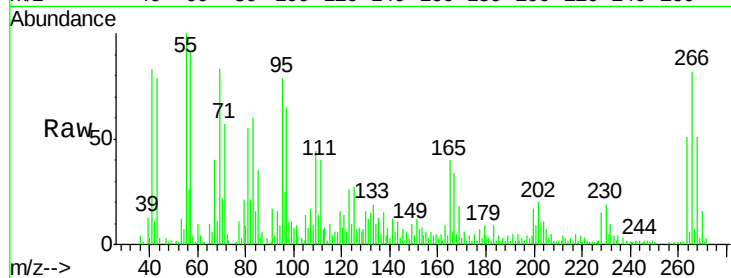
#69
 Pentachlorophenol
 Concen: 57.283 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion:	266	Resp:	41489
Ion Ratio	Lower	Upper	
266	100		
268	63.0	51.1	76.7
264	62.5	49.5	74.3

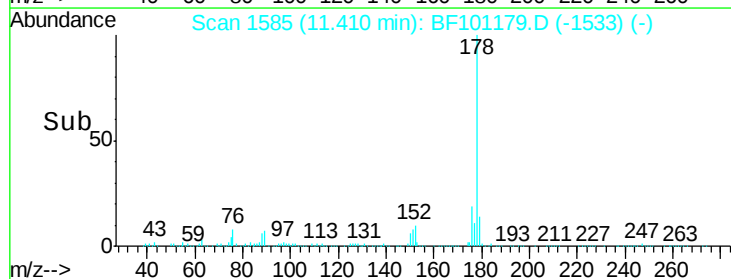
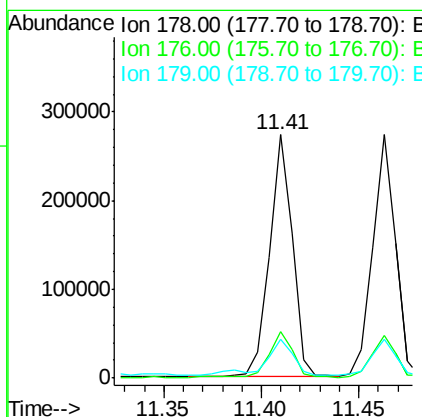
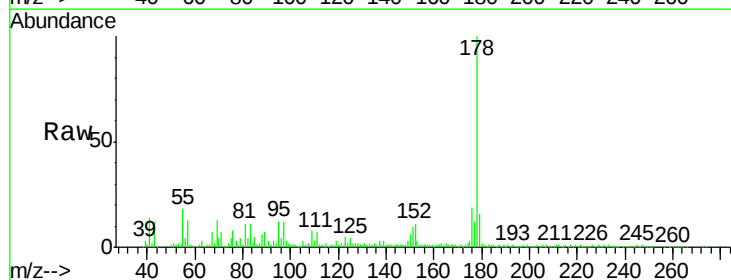
Manual Integrations
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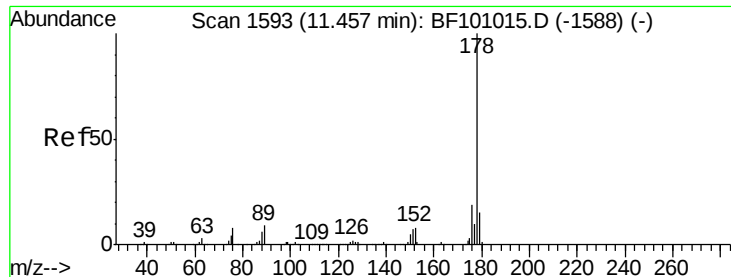
Sohil
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#70
 Phenanthrene
 Concen: 36.338 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion:	178	Resp:	219728
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.8	23.8
179	16.2	13.0	19.6





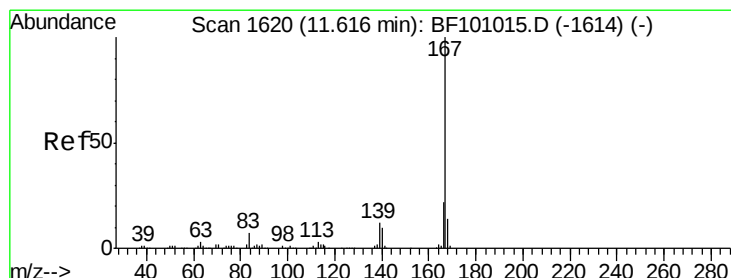
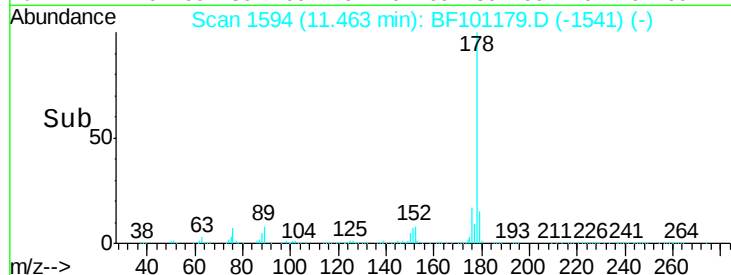
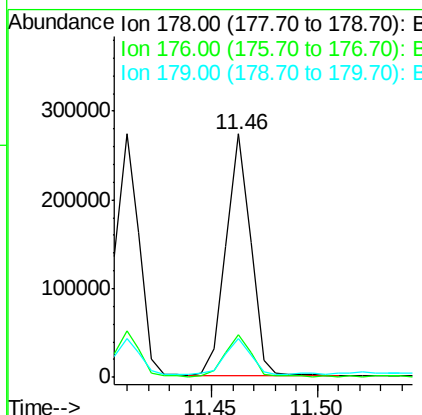
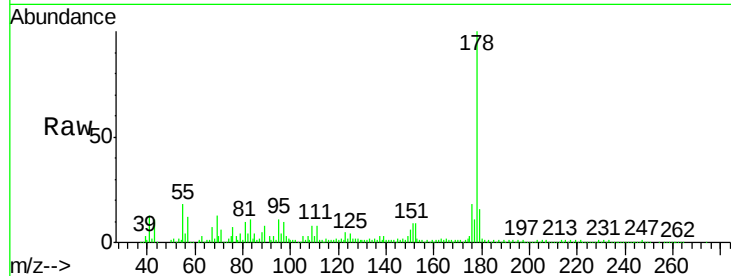
#71
 Anthracene
 Concen: 35.932 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	16.1	12.6	19.0

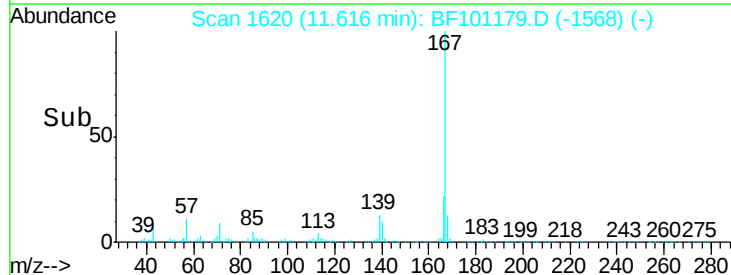
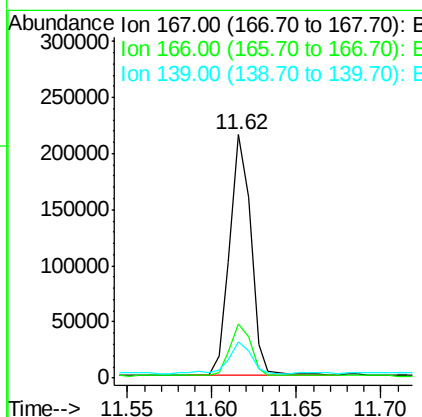
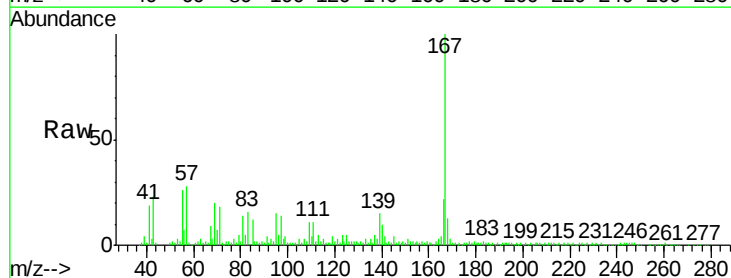
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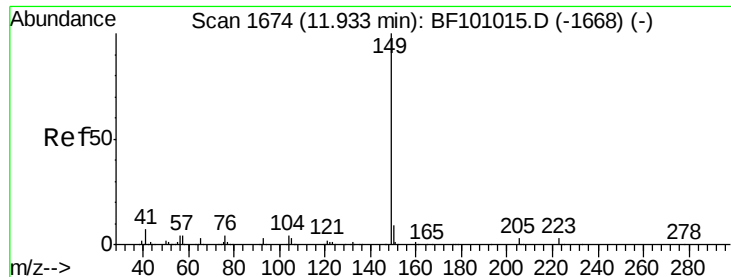
Sohil
 12/7/2017 11:36:01 AM



#72
 Carbazole
 Concen: 33.611 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.486 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

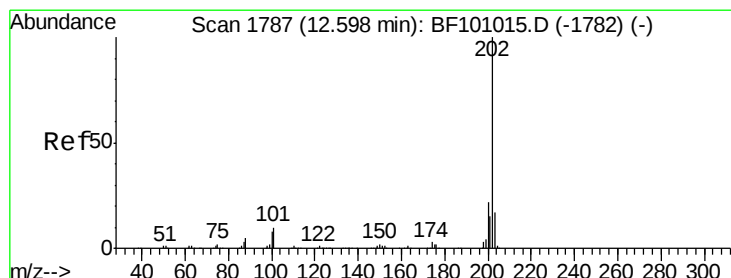
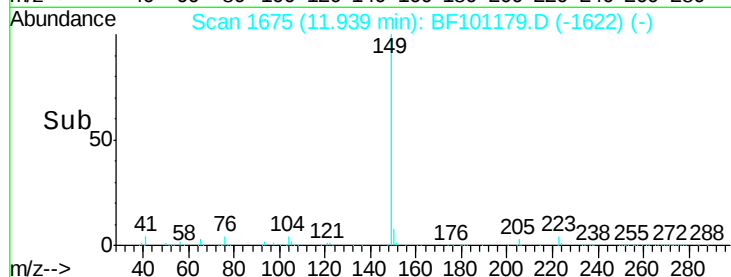
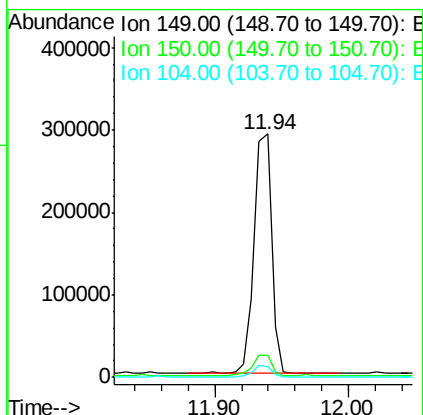
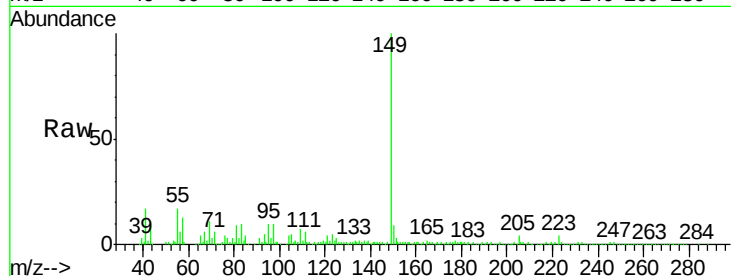
ClientSampleId :

88-20-90-20MSD

Tot Ion:	149	Resp:	262726
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 32.034 ng

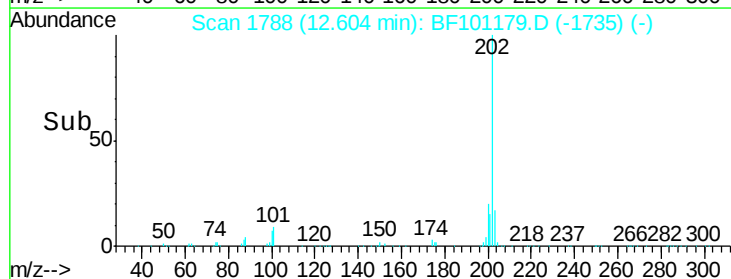
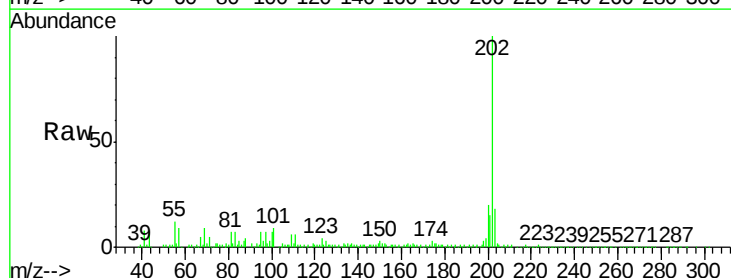
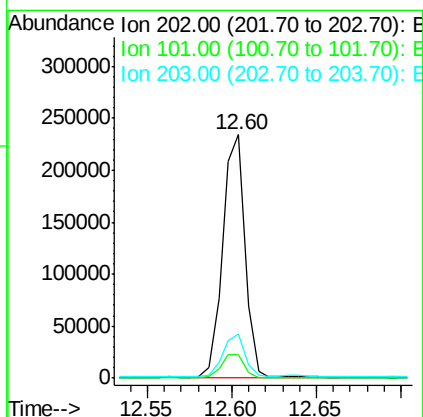
RT: 12.60 min Scan# 1788

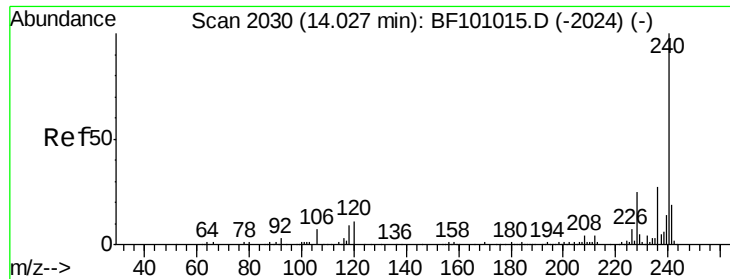
Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	202	Resp:	214721
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	34.1
203	17.8	0.0	38.1





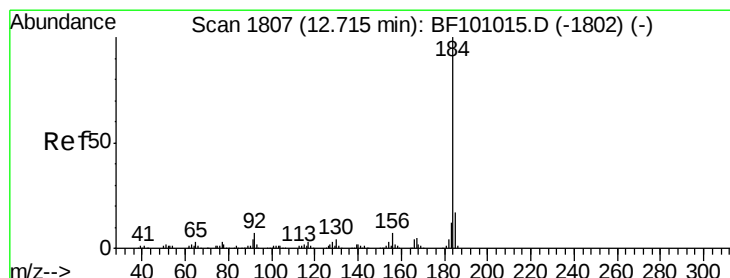
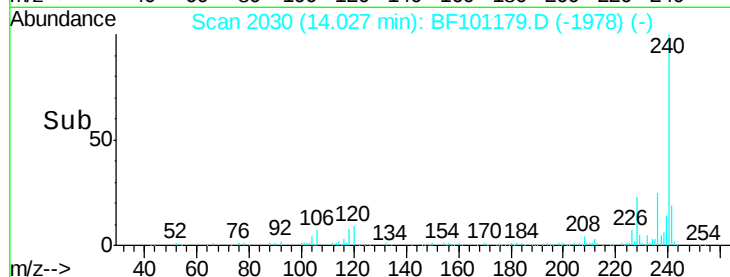
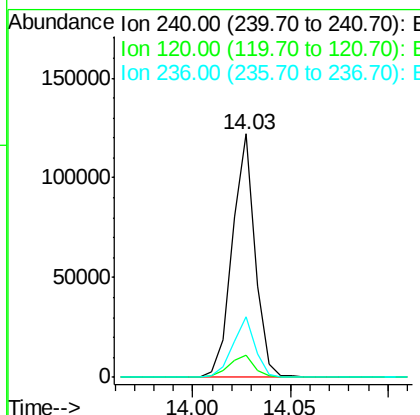
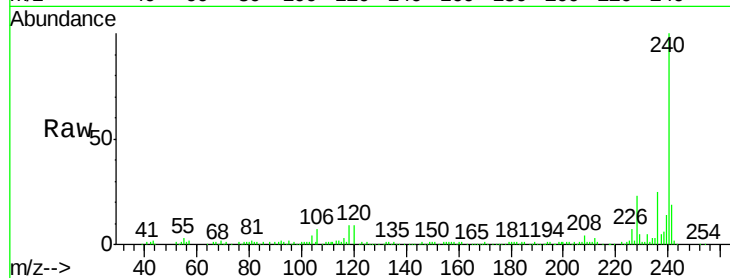
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.0	20.7	31.1

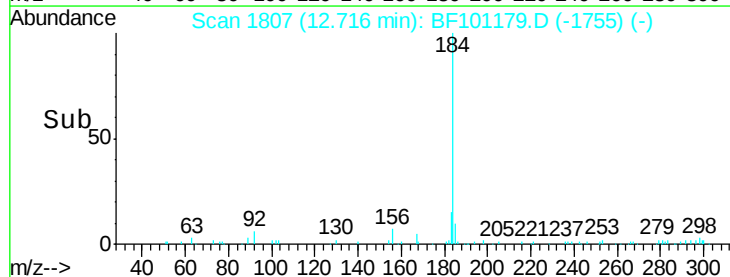
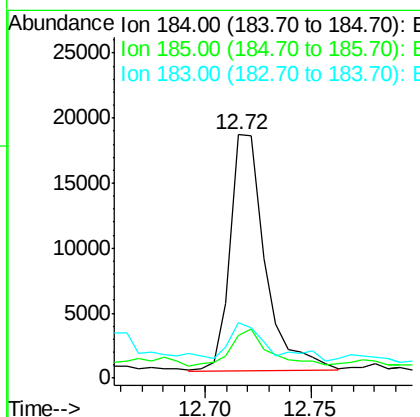
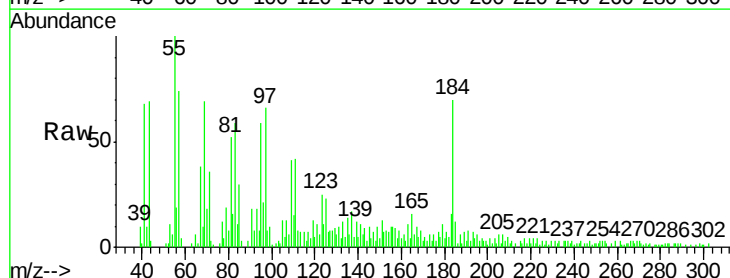
Manual Integrations
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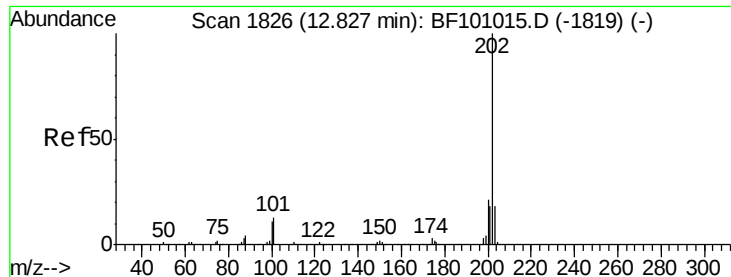
Sohil
12/7/2017 11:36:01 AM



#76
Benzidine
Concen: 6.503 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	18.8
183	22.7	9.3	13.9#





#77

Pvrene

Concen: 31.667 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

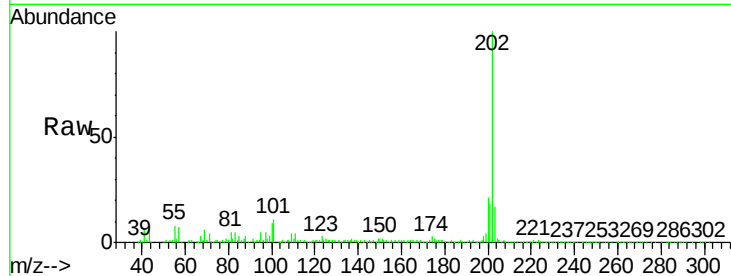
ClientSampleId :

88-20-90-20MSD

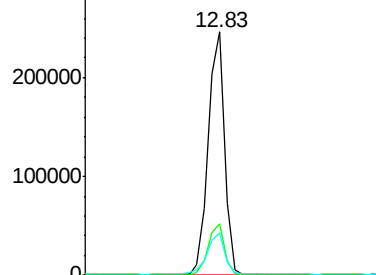
Tot Ion:	202	Resp:	215550
Ion Ratio		Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5

Manual Integrations
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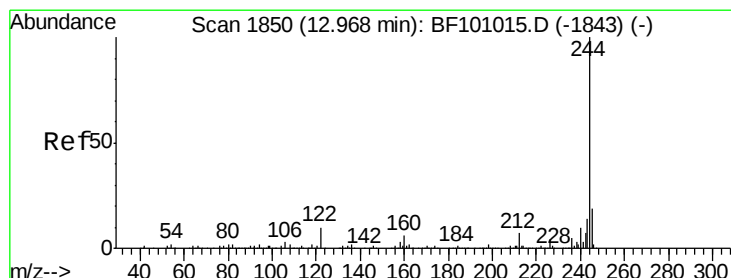
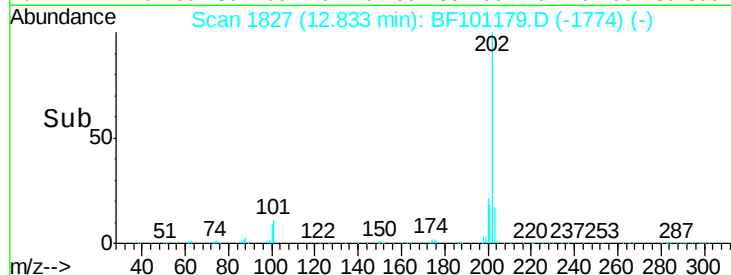
Sohil
12/7/2017 11:36:01 AM



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



Time-->



#78

Terphenyl-d14

Concen: 68.496 ng

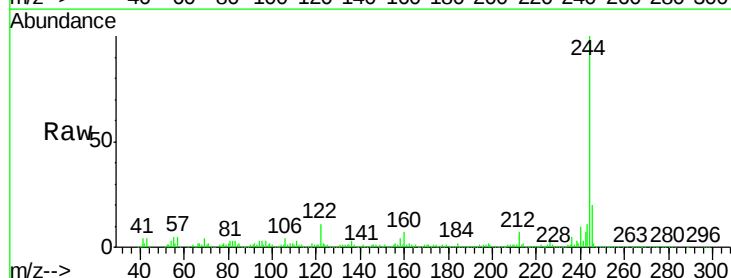
RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

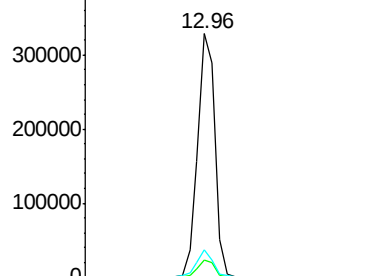
Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

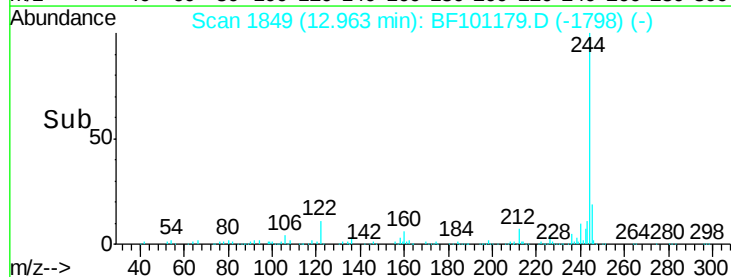
Tgt Ion:	244	Resp:	308914
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4

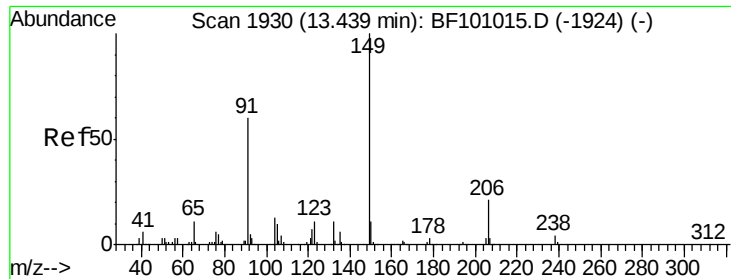


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





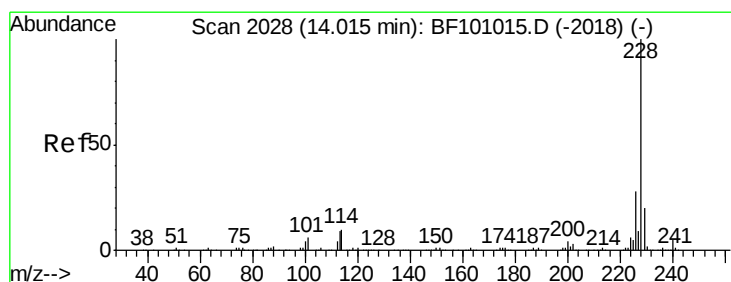
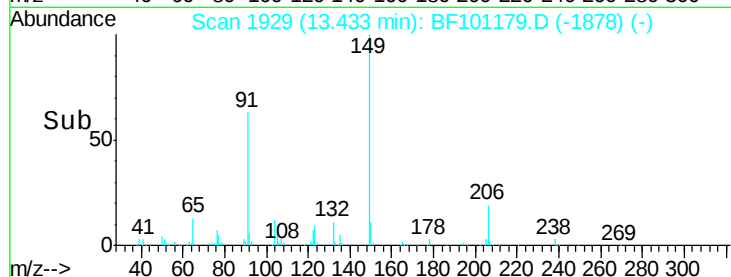
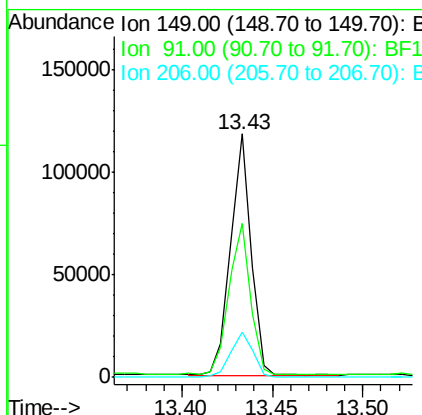
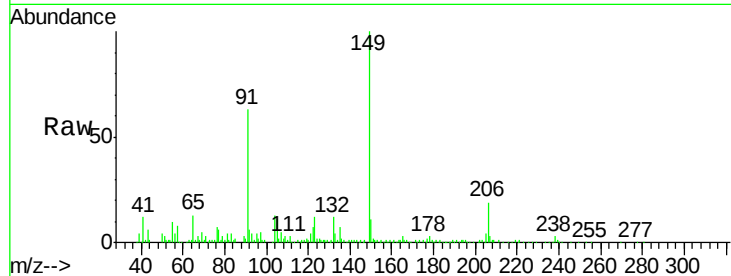
#79
Butylbenzylphthalate
Concen: 31.208 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.3	56.8	85.2
206	18.7	14.1	21.1

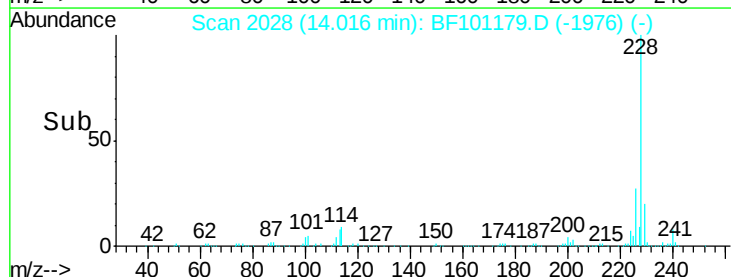
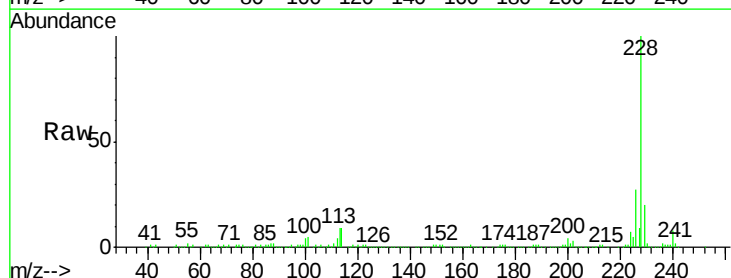
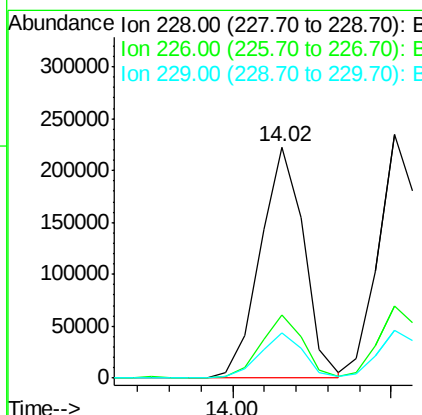
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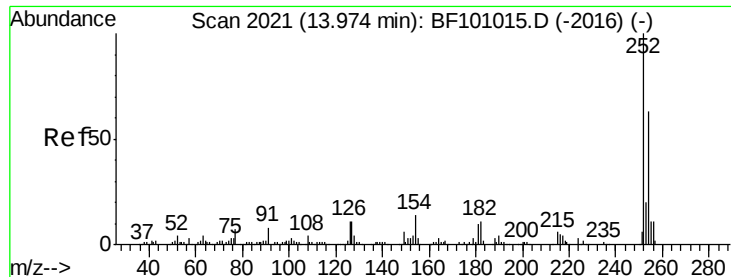
Sohil
12/7/2017 11:36:01 AM



#80
Benzo(a)anthracene
Concen: 33.975 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.8	15.8	23.6





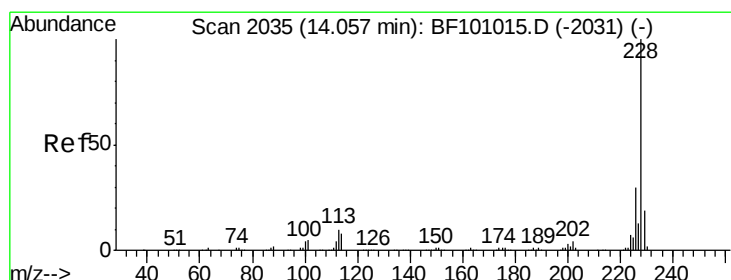
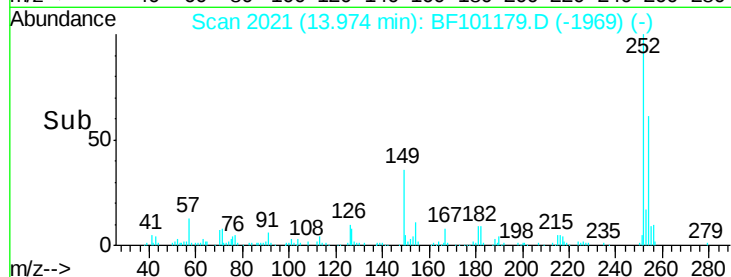
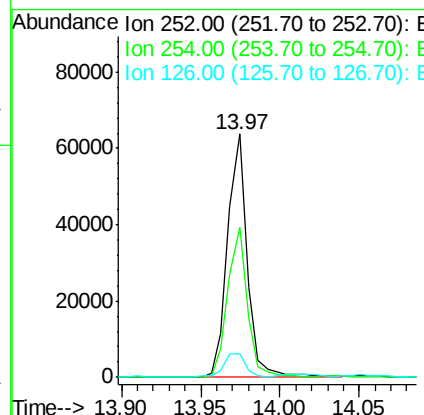
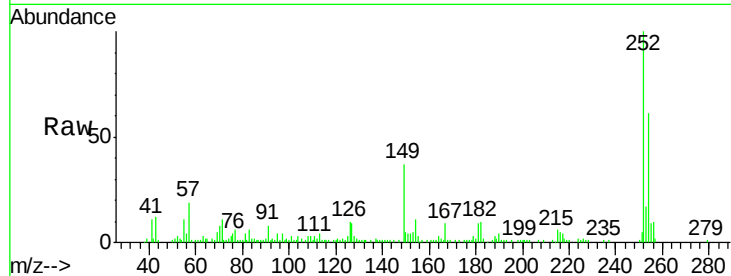
#81
 3,3'-Dichlorobenzidine
 Concen: 25.752 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	55548		
254	61.5		50.4	75.6
126	9.5		11.3	16.9#

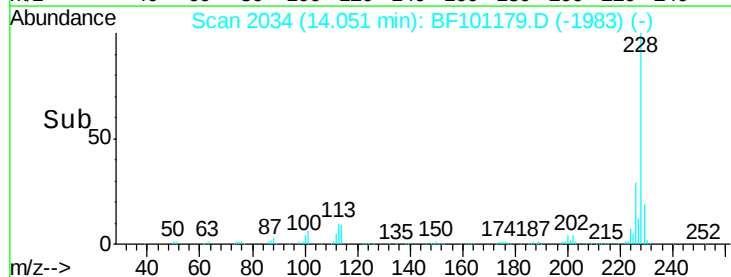
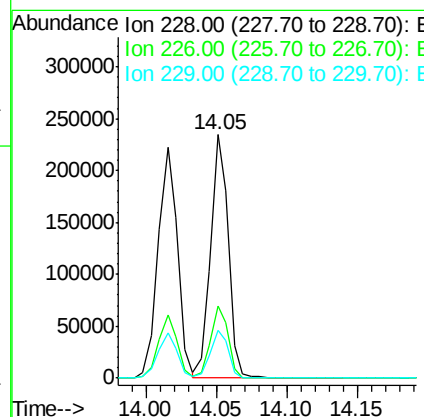
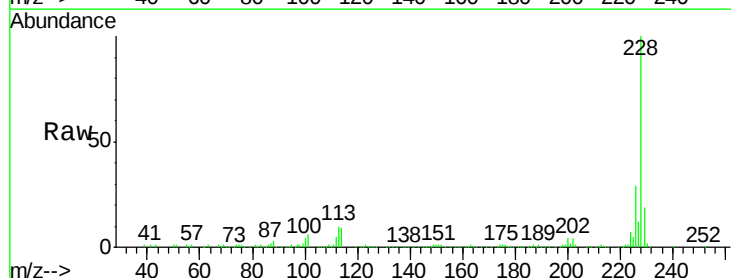
Manual Integrations
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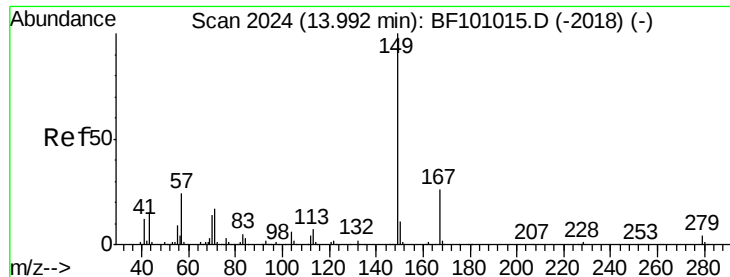
Sohil
 12/7/2017 11:36:01 AM



#82
 Chrysene
 Concen: 35.366 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	204570		
226	29.5		25.0	37.6
229	19.5		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.845 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

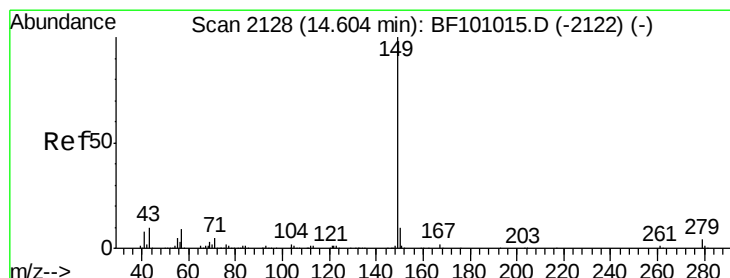
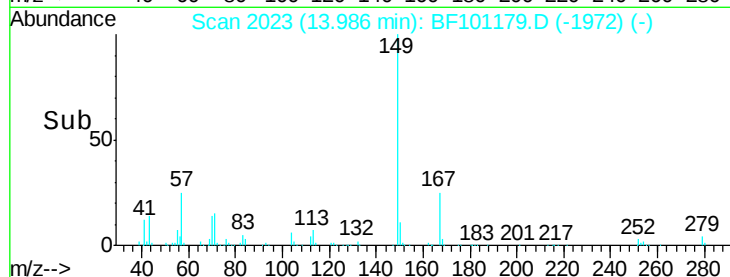
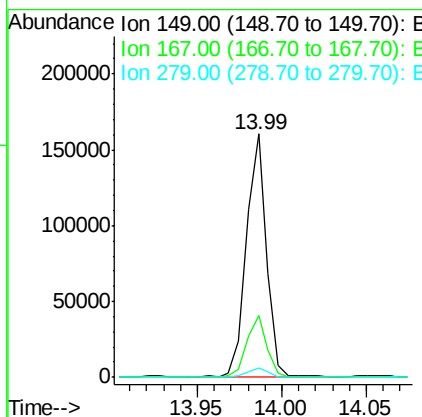
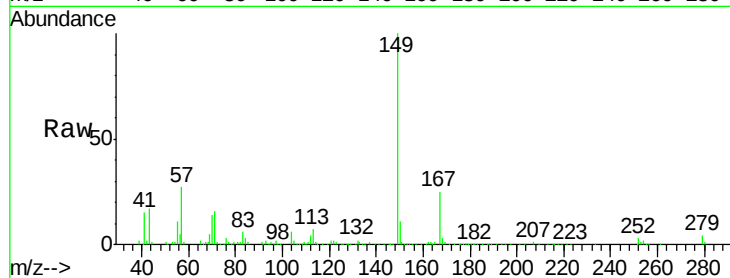
ClientSampleId :

88-20-90-20MSD

Tot Ion:	149	Resp:	131987
Ion Ratio	Lower	Upper	
149	100		
167	25.4	21.3	31.9
279	3.8	3.0	4.4

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12/7/2017 11:36:01 AM



#84

Di-n-octyl phthalate

Concen: 31.942 ng

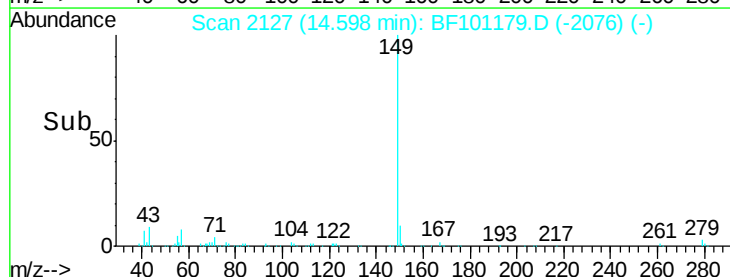
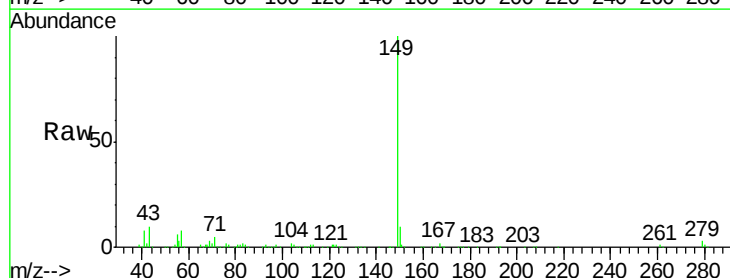
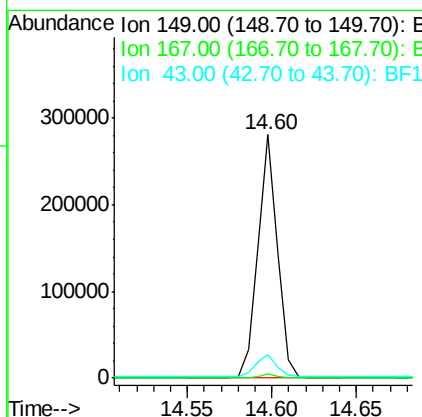
RT: 14.60 min Scan# 2127

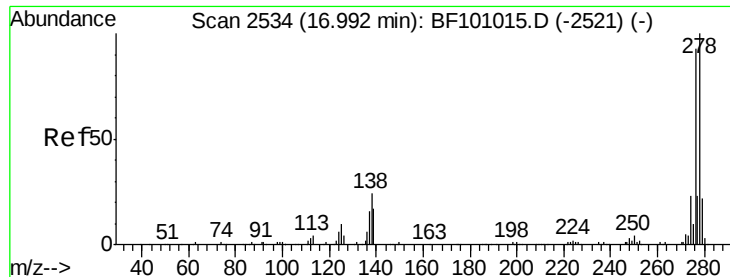
Delta R.T. 0.00 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:	149	Resp:	227572
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.6	8.4	12.6





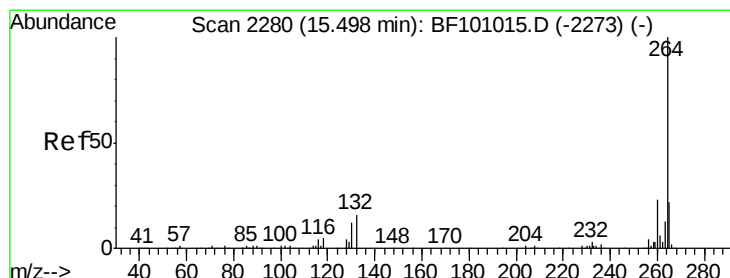
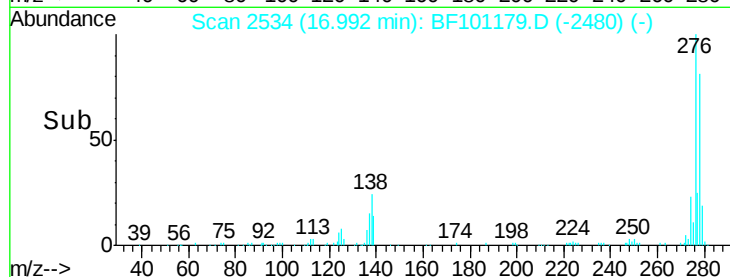
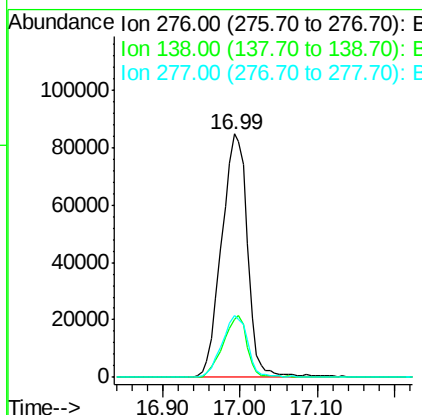
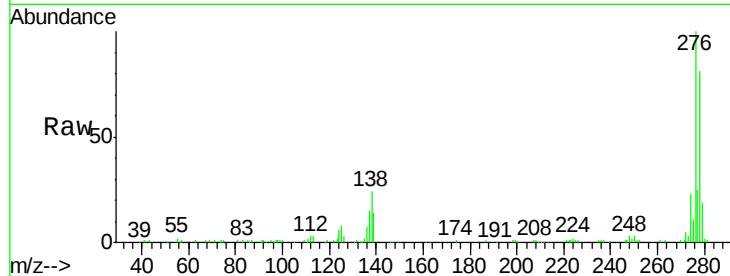
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.748 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.02 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	199265		
138	23.3	25.0	37.6	#
277	25.0	20.1	30.1	

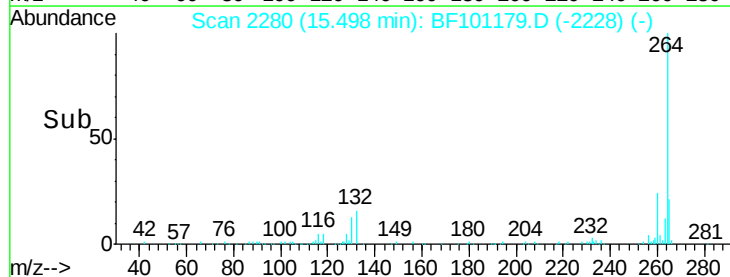
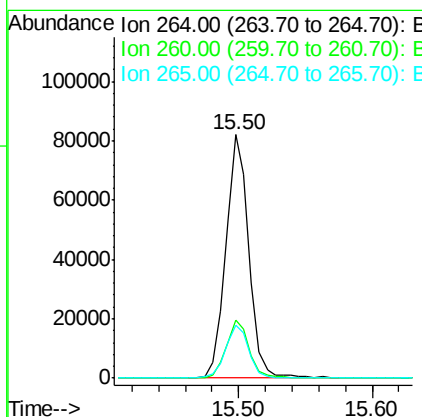
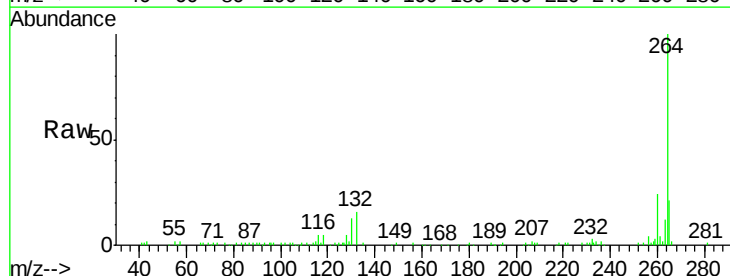
Manual Integrations
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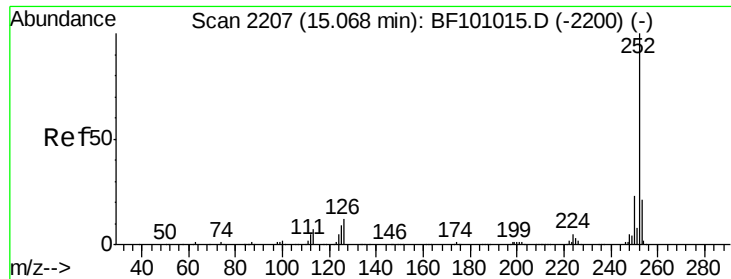
Sohil
 12/7/2017 11:36:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99330		
260	23.9	19.2	28.8	
265	21.5	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 33.945 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Instrument :

BNA_F

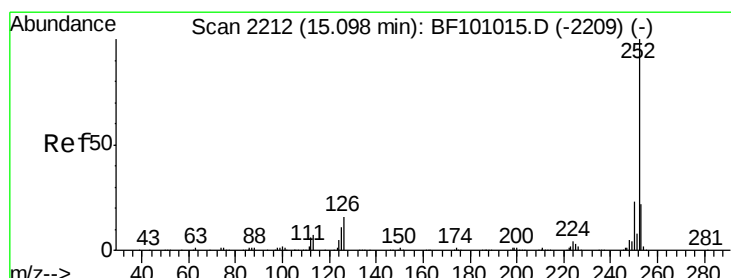
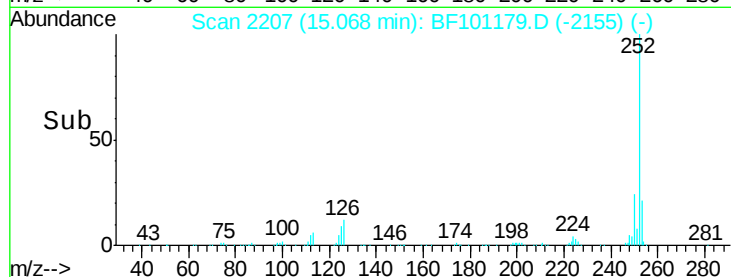
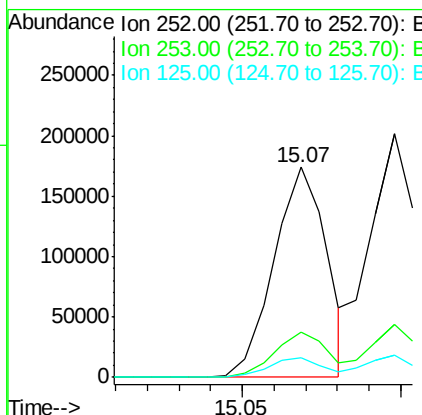
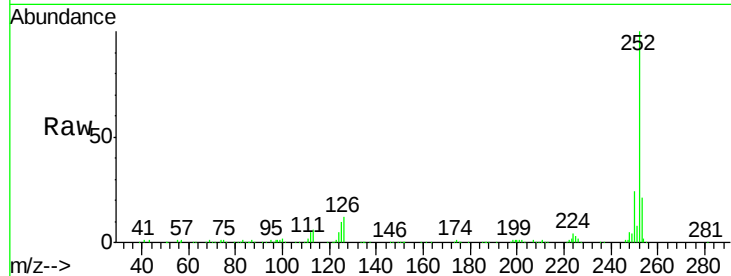
ClientSampleId :

88-20-90-20MSD

Tot Ion:252	Resp:	201958
Ion Ratio	Lower	Upper
252	100	
253	21.3	17.0 25.6
125	9.6	9.0 13.6

Manual Integrations
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12/7/2017 11:36:01 AM



#88

Benzo(k)fluoranthene

Concen: 35.667 ng

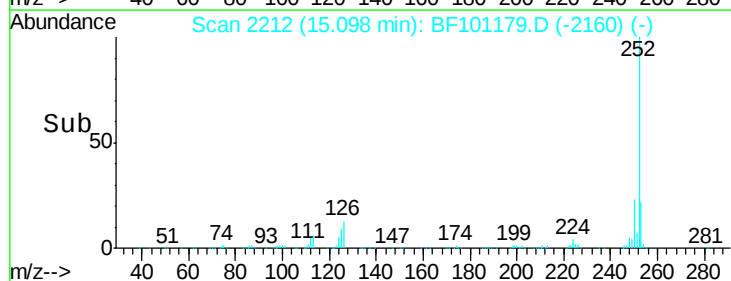
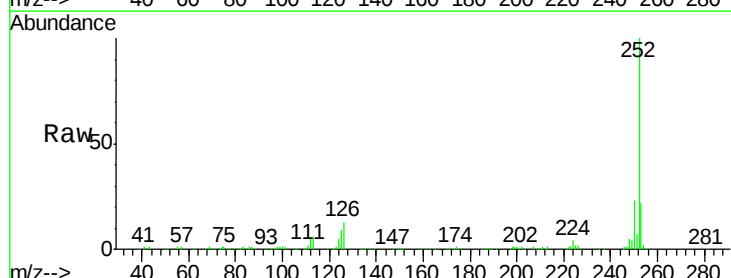
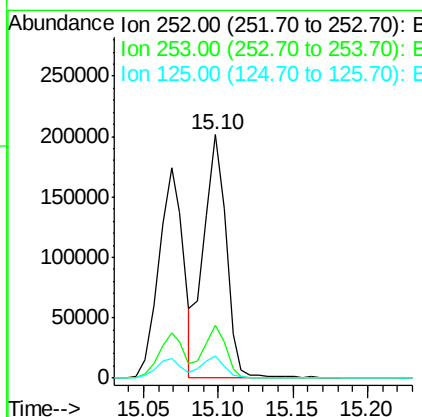
RT: 15.10 min Scan# 2212

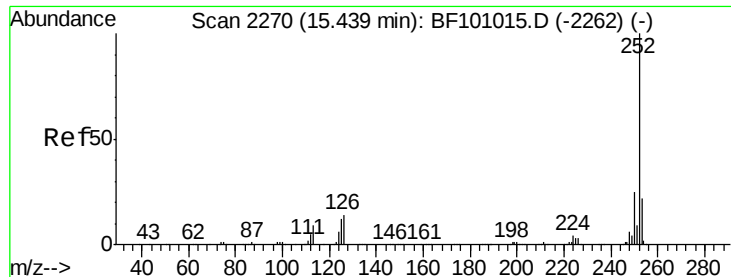
Delta R.T. 0.01 min

Lab File: BF101179.D

Acq: 6 Dec 2017 20:26

Tgt Ion:252	Resp:	209070
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.9 26.9
125	9.1	10.2 15.2#





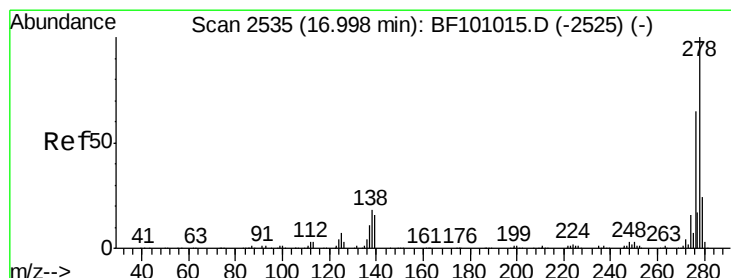
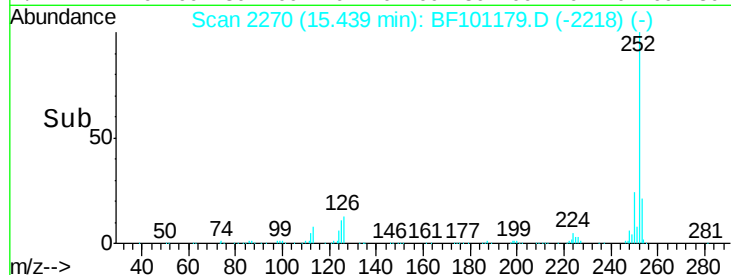
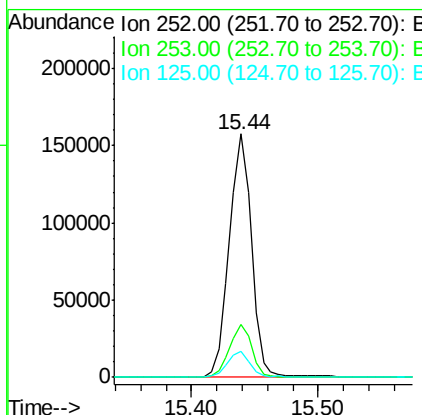
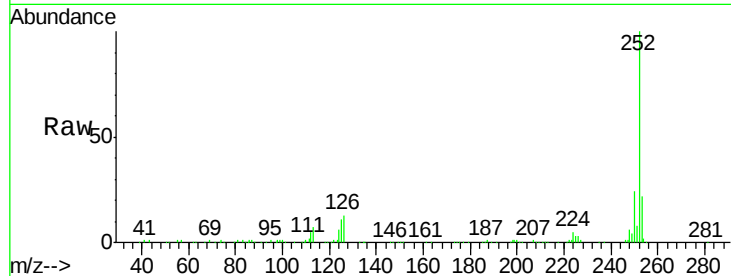
#89
Benzo(a)pyrene
Concen: 35.586 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	10.9	9.8	14.6

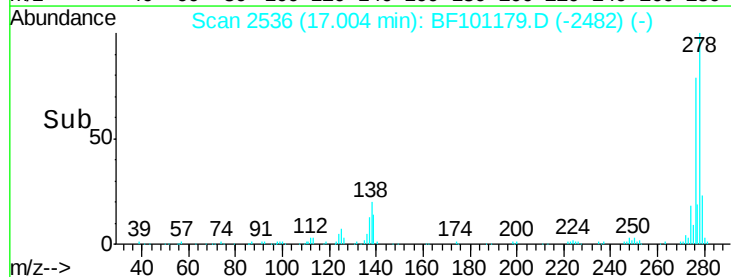
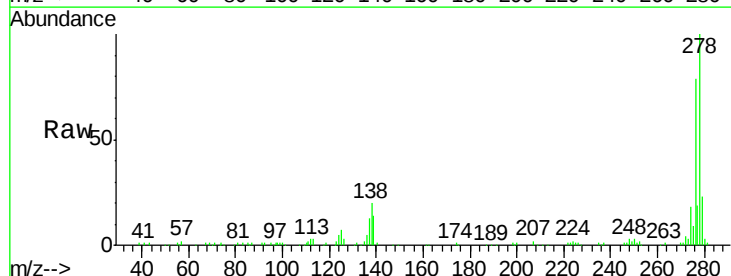
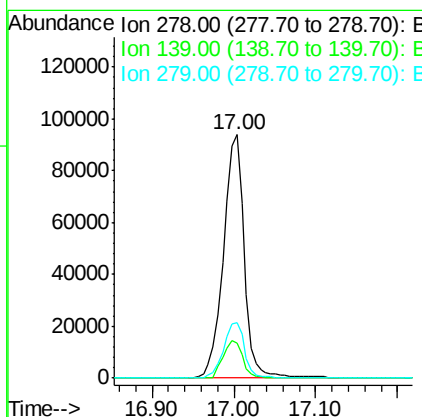
Manual Integrations
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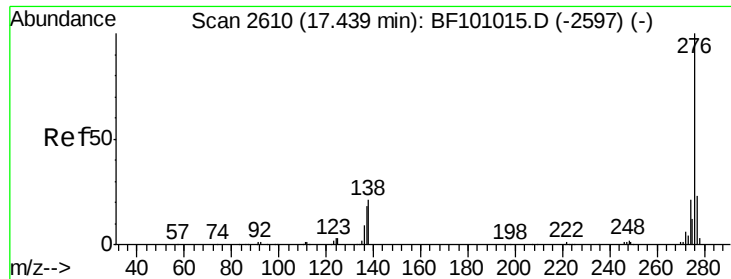
Sohil
12/7/2017 11:36:01 AM



#90
Dibenzo(a,h)anthracene
Concen: 35.058 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BF101179.D
Acq: 6 Dec 2017 20:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9#
279	22.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 34.691 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF101179.D
 Acq: 6 Dec 2017 20:26

Instrument :
 BNA_F
 ClientSampleId :
 88-20-90-20MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	17.9	26.9
138	20.8	21.8	32.8

Manual Integrations
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Sohil
 12/7/2017 11:36:01 AM

