

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113928.D
 Acq On : 23 Apr 2019 18:46
 Operator : JU/SJ
 Sample : K2522-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Manual Integrations
 APPROVED

Sohil
 4/24/2019 11:51:30 AM

Quant Time: Apr 24 07:11:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130233	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	445126	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	193755	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	349785	20.00	ng	0.00
76) Chrysene-d12	14.07	240	350982	20.00	ng	0.00
87) Perylene-d12	15.56	264	319609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	795826	104.52	ng	0.01
7) Phenol-d6	6.53	99	1004768	105.18	ng	0.00
23) Nitrobenzene-d5	7.46	82	585836	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	250472	106.12	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1042802	84.18	ng	0.00
79) Terphenyl-d14	13.00	244	1142892	66.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	118050	32.889	ng	96
3) Pyridine	3.50	79	313313	31.980	ng	98
4) n-Nitrosodimethylamine	3.43	42	115614	34.473	ng	98
6) Aniline	6.56	93	306949	23.399	ng	97
8) 2-Chlorophenol	6.69	128	297463	34.217	ng	99
9) Benzaldehyde	6.45	77	79762	10.146	ng	95
10) Phenol	6.55	94	387093	33.886	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	299158	34.801	ng	97
12) 1,3-Dichlorobenzene	6.85	146	345572	35.099	ng	97
13) 1,4-Dichlorobenzene	6.92	146	350365	35.380	ng	97
14) 1,2-Dichlorobenzene	7.07	146	327543	35.989	ng	97
15) Benzyl Alcohol	7.03	79	235972	36.676	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343128	34.194	ng	92
17) 2-Methylphenol	7.15	107	263276	34.549	ng	98
18) Hexachloroethane	7.42	117	106032	30.544	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	204602	33.072	ng	99
20) 3+4-Methylphenols	7.30	107	299705	34.811	ng	# 82
22) Acetophenone	7.30	105	412339	41.627	ng	# 95
24) Nitrobenzene	7.47	77	319189	40.069	ng	99
25) Isophorone	7.72	82	550328	37.307	ng	100
26) 2-Nitrophenol	7.79	139	144887	39.869	ng	96
27) 2,4-Dimethylphenol	7.83	122	251186	42.424	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	357743	38.059	ng	100
29) 2,4-Dichlorophenol	8.04	162	251625	37.164	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	285819	37.860	ng	99
31) Naphthalene	8.20	128	821597	38.854	ng	99
32) Benzoic acid	7.90	122	44312m	11.082	ng	
33) 4-Chloroaniline	8.25	127	167249	18.692	ng	96
34) Hexachlorobutadiene	8.32	225	173722	36.913	ng	99
35) Caprolactam	8.60	113	65722	30.514	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	230996	34.436	ng	99
37) 2-Methylnaphthalene	8.89	142	526616	36.931	ng	99
38) 1-Methylnaphthalene	8.99	142	491170	35.688	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	264908	42.090	ng	99

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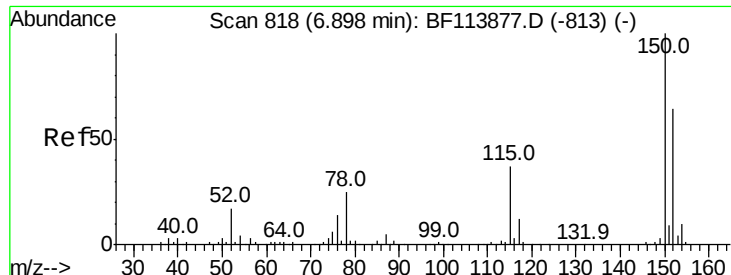
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	70687	20.141	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	167930	42.019	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	178645	39.852	ng	100
46) 1,1'-Biphenyl	9.36	154	631697	42.678	ng	98
47) 2-Chloronaphthalene	9.38	162	486569	40.423	ng	98
48) 2-Nitroaniline	9.47	65	134776	42.713	ng	93
49) Acenaphthylene	9.80	152	720895	38.256	ng	98
50) Dimethylphthalate	9.65	163	757124	54.031	ng	99
51) 2,6-Dinitrotoluene	9.71	165	120730	40.160	ng	96
52) Acenaphthene	9.97	154	416570	37.406	ng	98
53) 3-Nitroaniline	9.87	138	96801	30.643	ng	99
54) 2,4-Dinitrophenol	9.99	184	13985	17.953	ng	# 4
55) Dibenzofuran	10.14	168	640456	38.393	ng	99
56) 4-Nitrophenol	10.04	139	177024	70.775	ng	99
57) 2,4-Dinitrotoluene	10.12	165	144138	37.986	ng	93
58) Fluorene	10.48	166	467738	37.243	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	146944	37.302	ng	97
60) Diethylphthalate	10.35	149	523429	39.336	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	247570	37.222	ng	100
62) 4-Nitroaniline	10.49	138	101125	32.803	ng	96
63) Azobenzene	10.63	77	453897	35.195	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	15097	15.291	ng	95
66) n-Nitrosodiphenylamine	10.59	169	422859	40.290	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	156267	36.981	ng	96
68) Hexachlorobenzene	11.04	284	167001	35.965	ng	# 93
69) Atrazine	11.11	200	135896	39.803	ng	99
70) Pentachlorophenol	11.23	266	192854	73.355	ng	97
71) Phenanthrene	11.44	178	705292	40.122	ng	99
72) Anthracene	11.50	178	707214	39.839	ng	98
73) Carbazole	11.64	167	639321	40.369	ng	99
74) Di-n-butylphthalate	11.97	149	736578	39.538	ng	99
75) Fluoranthene	12.63	202	832031	43.383	ng	97
77) Benzidine	12.74	184	542303	51.857	ng	98
78) Pyrene	12.86	202	844515	34.407	ng	99
80) Butylbenzylphthalate	13.47	149	345475	35.774	ng	96
81) Benzo(a)anthracene	14.06	228	834431	40.351	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	336475	44.393	ng	99
83) Chrysene	14.09	228	810019	40.220	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	494849	40.275	ng	100
85) Di-n-octyl phthalate	14.67	149	892528	46.409	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	607373	31.838	ng	98
88) Benzo(b)fluoranthene	15.13	252	807778	39.947	ng	99
89) Benzo(k)fluoranthene	15.16	252	699999	40.244	ng	99
90) Benzo(a)pyrene	15.50	252	675844	38.640	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	513094	31.250	ng	99
92) Benzo(g,h,i)perylene	17.51	276	475381	28.691	ng	98

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



#1

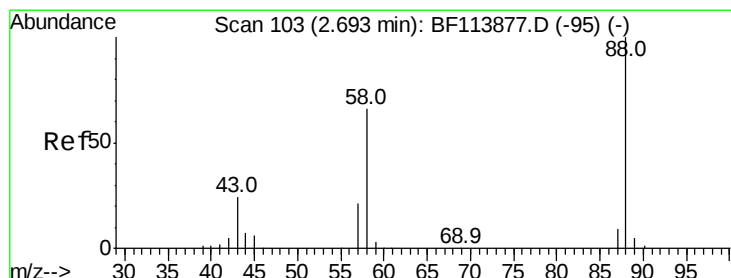
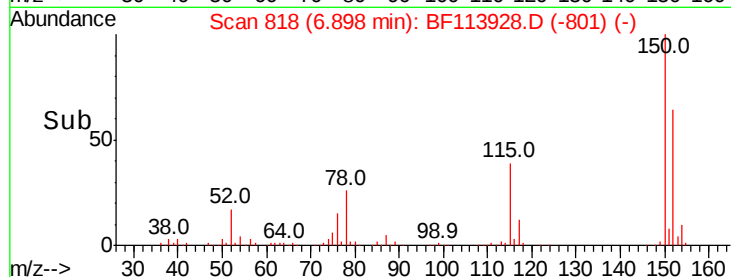
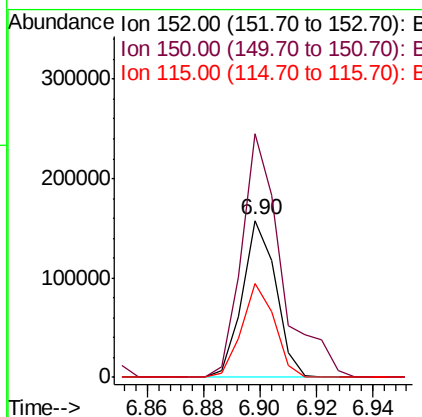
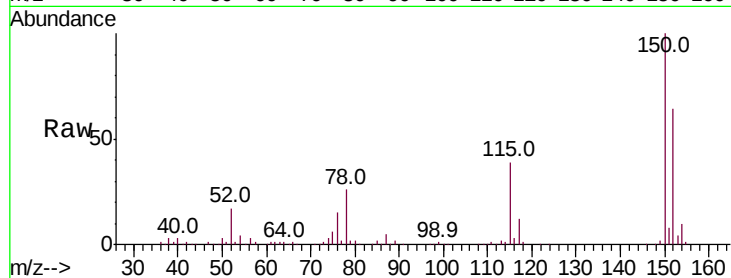
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	60.1	45.9	68.9

Manual Integrations
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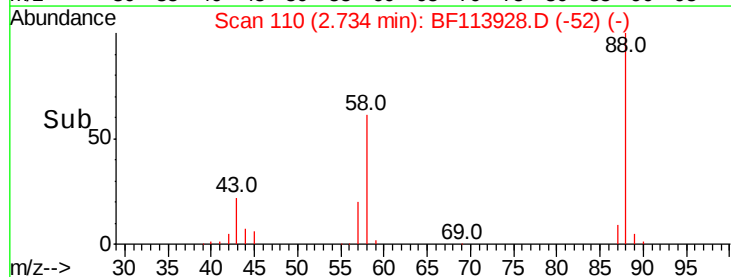
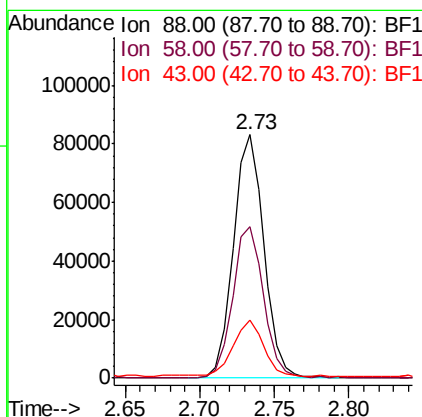
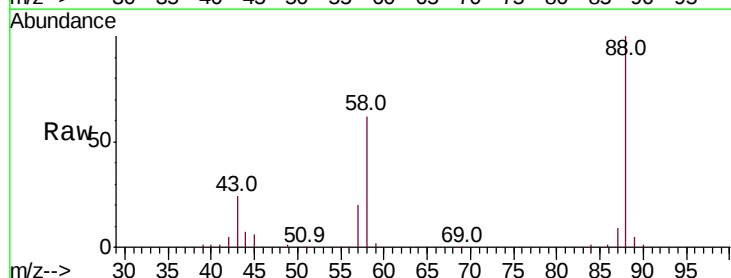
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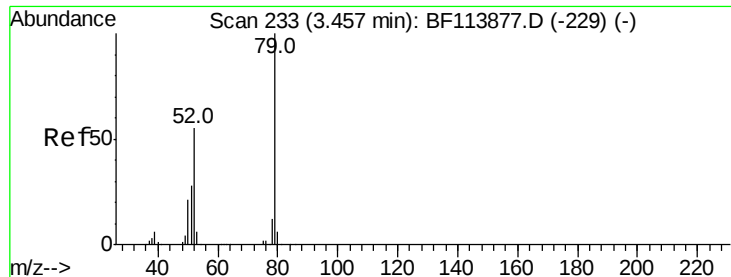


#2

1,4-Dioxane
Concen: 32.889 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.04 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	53.3	79.9
43	22.8	19.0	28.4





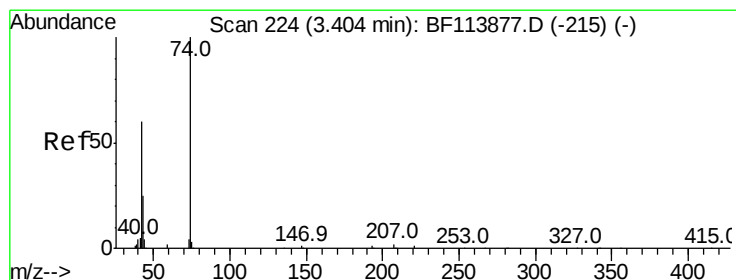
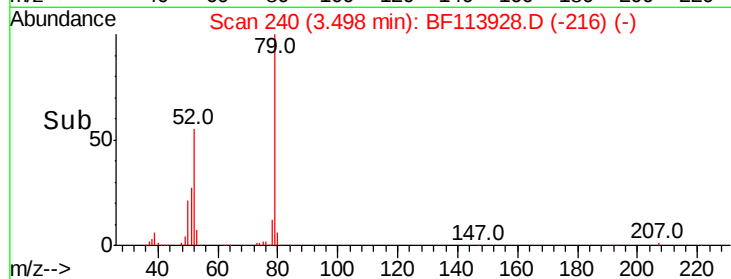
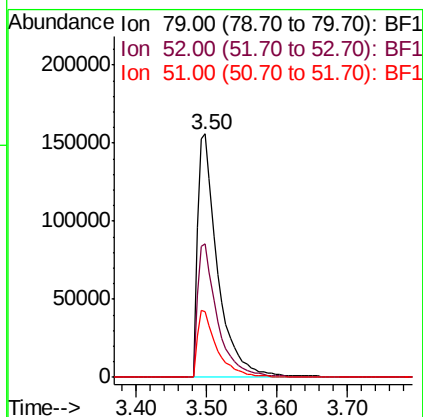
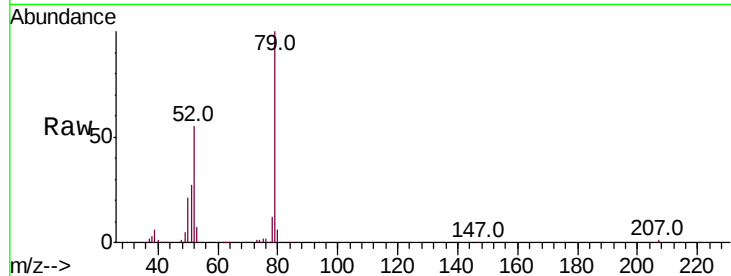
#3
 Pvridine
 Concen: 31.980 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.04 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	54.6	45.3	67.9
51	26.8	22.1	33.1

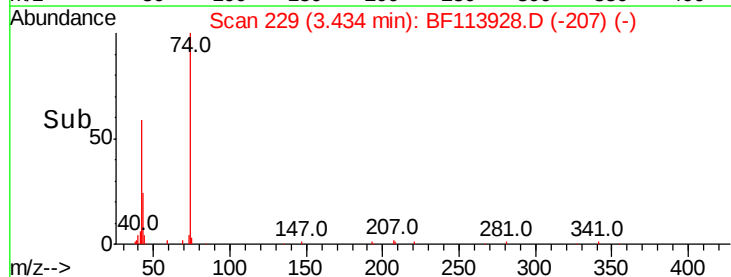
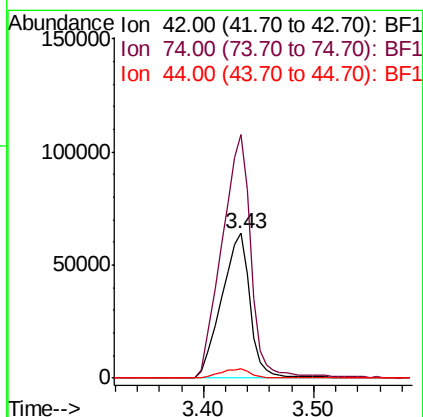
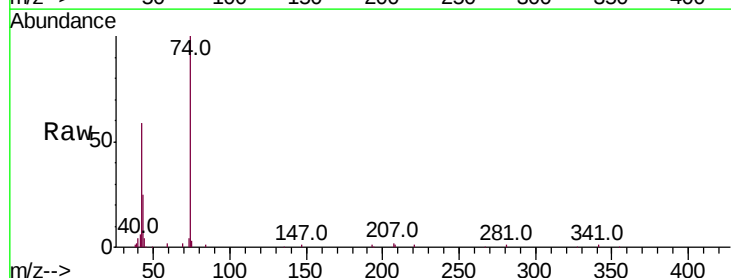
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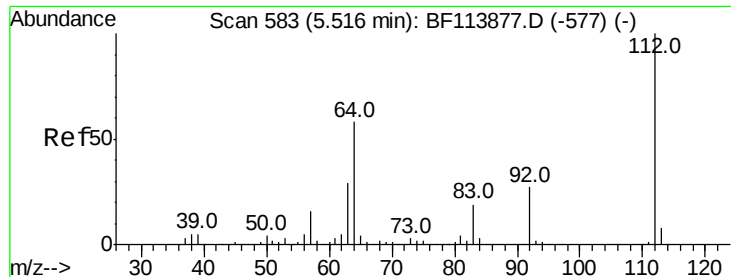
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#4
 n-Nitrosodimethylamine
 Concen: 34.473 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.03 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.6	132.6	198.8
44	6.1	5.8	8.8





#5

2-Fluorophenol

Concen: 104.516 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

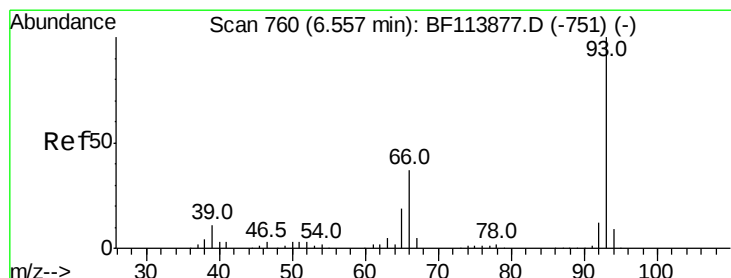
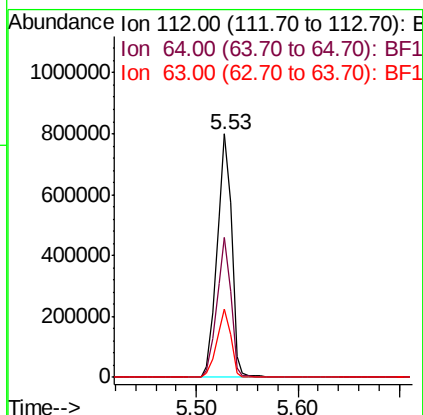
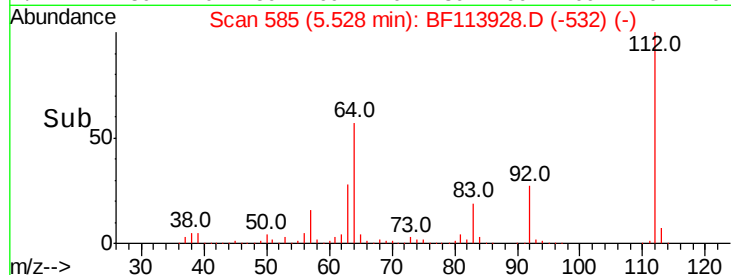
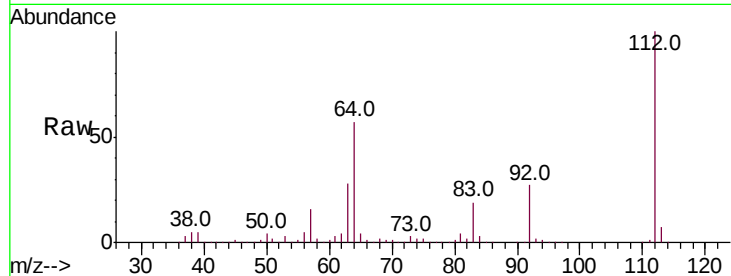
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:	112	Resp:	795826
Ion Ratio	Lower	Upper	
112	100		
64	57.3	46.6	69.8
63	28.1	23.1	34.7

Manual Integrations
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#6

Aniline

Concen: 23.399 ng

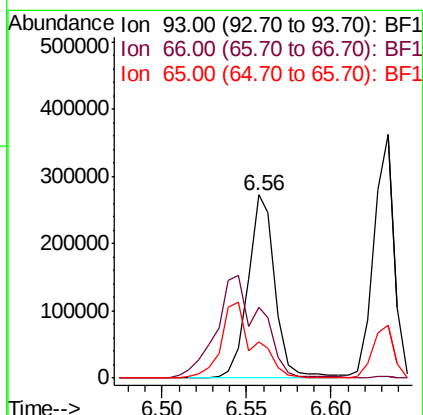
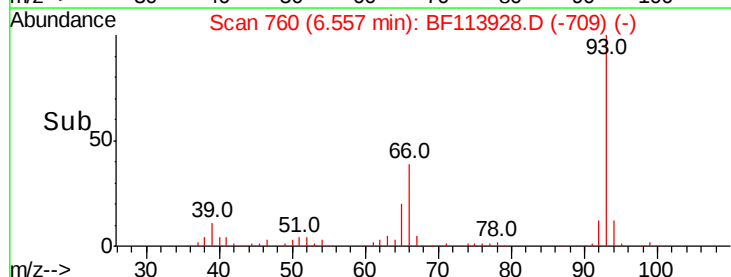
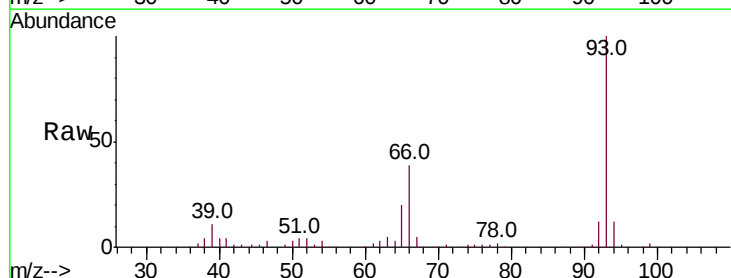
RT: 6.56 min Scan# 760

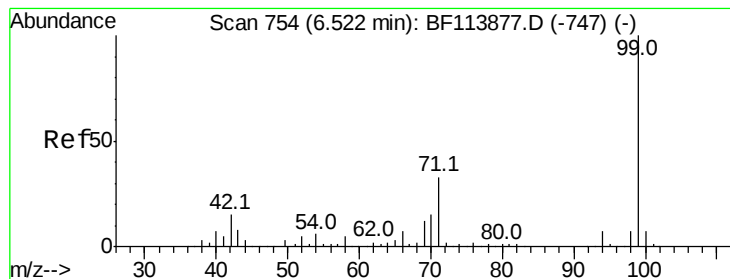
Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:	93	Resp:	306949
Ion Ratio	Lower	Upper	
93	100		
66	38.9	29.8	44.6
65	19.9	14.9	22.3





#7

Phenol-d6

Concen: 105.177 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMSD

Tot Ion: 99 Resp: 1004768

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

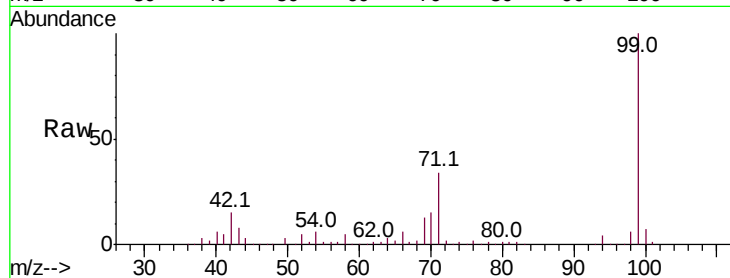
71 34.0 26.9 40.3

Manual Integrations

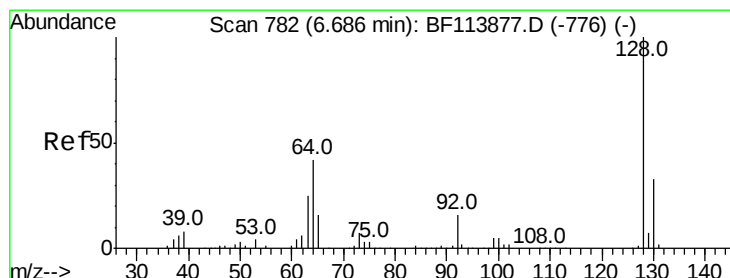
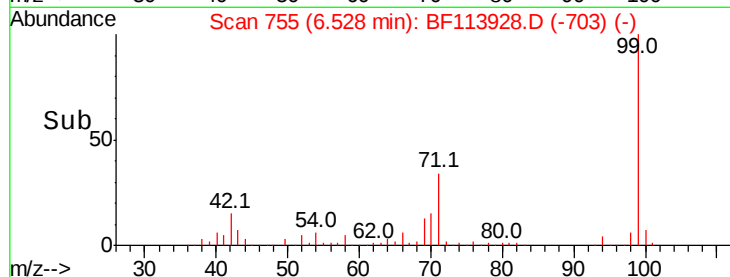
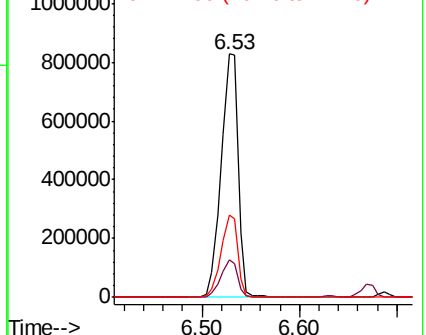
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 34.217 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

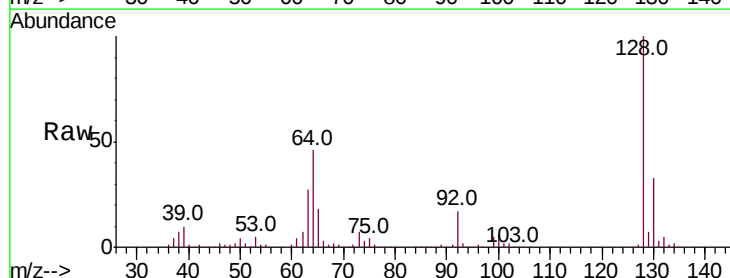
Tgt Ion:128 Resp: 297463

Ion Ratio Lower Upper

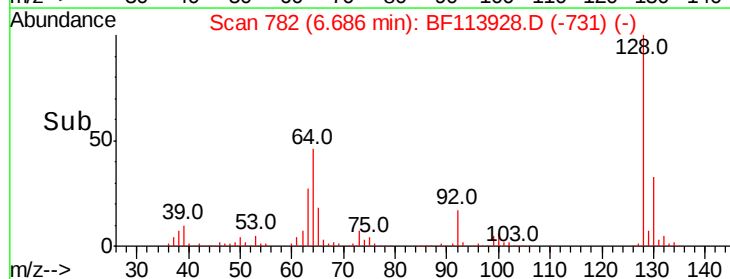
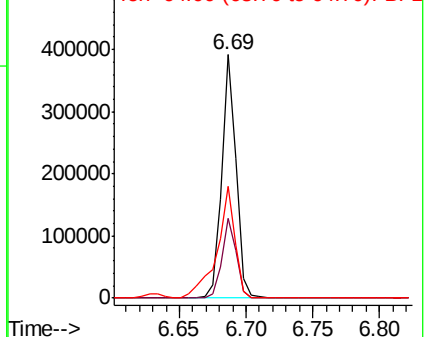
128 100

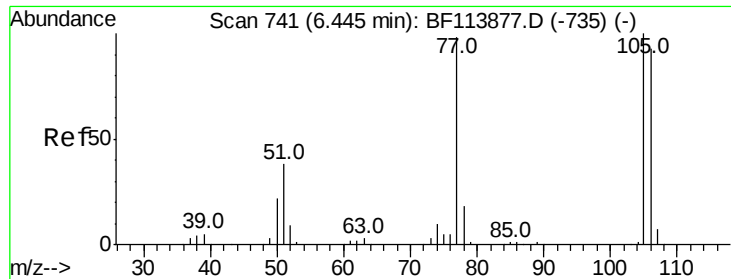
130 33.0 12.3 52.3

64 45.8 26.1 66.1



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





#9

Benzaldehyde

Concen: 10.146 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMSD

Tot Ion: 77 Resp: 79762

Ion Ratio Lower Upper

77 100

105 98.8 74.1 114.1

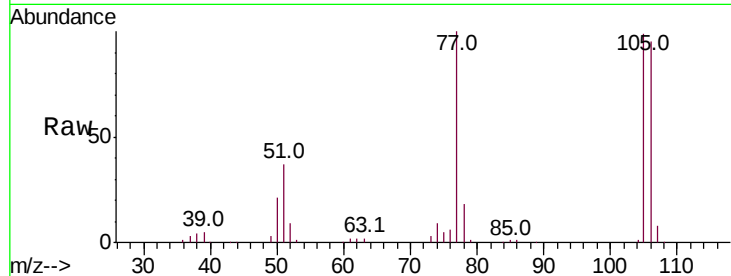
106 95.0 70.3 110.3

Manual Integrations

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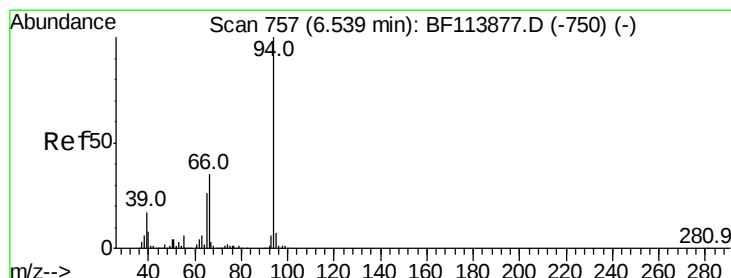
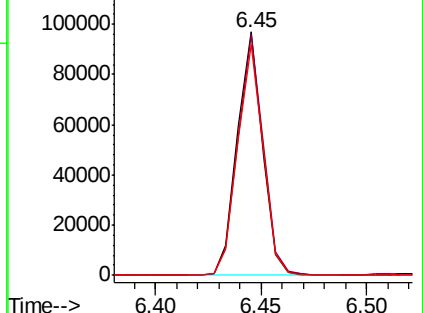
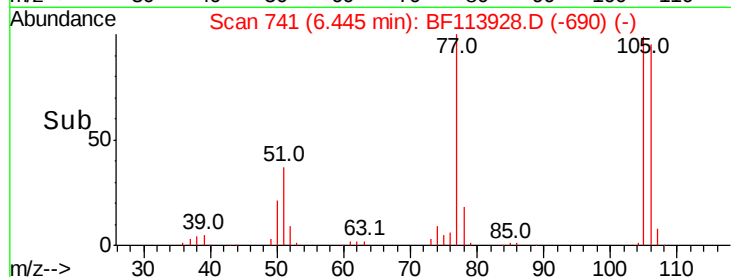
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.886 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

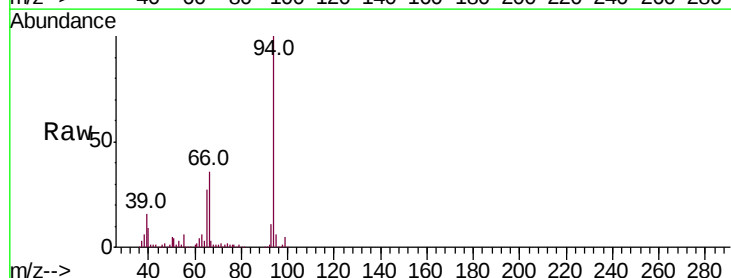
Tgt Ion: 94 Resp: 387093

Ion Ratio Lower Upper

94 100

65 26.5 8.1 48.1

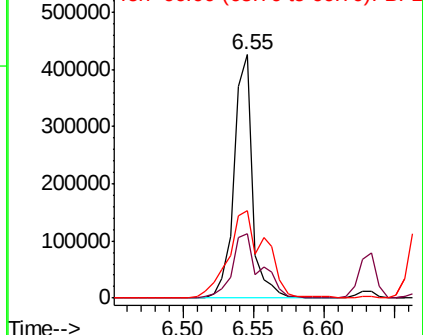
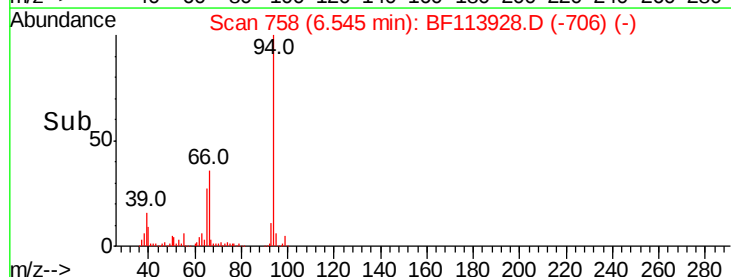
66 36.0 16.6 56.6

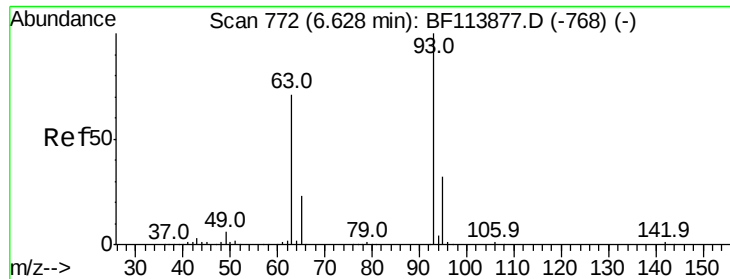


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





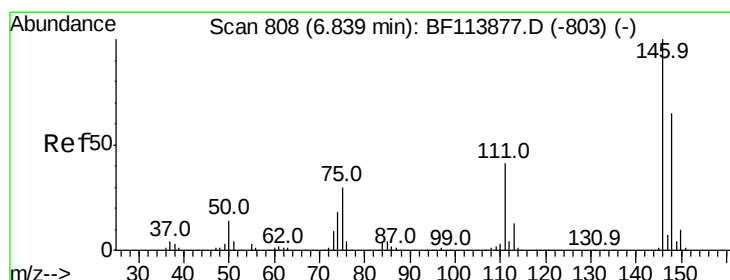
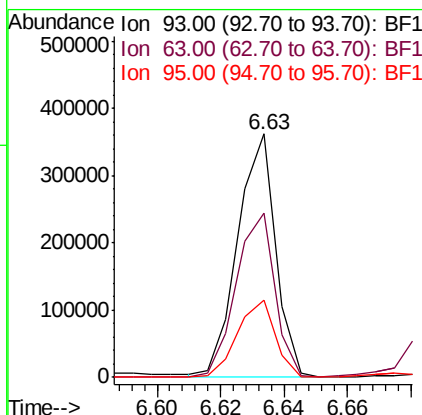
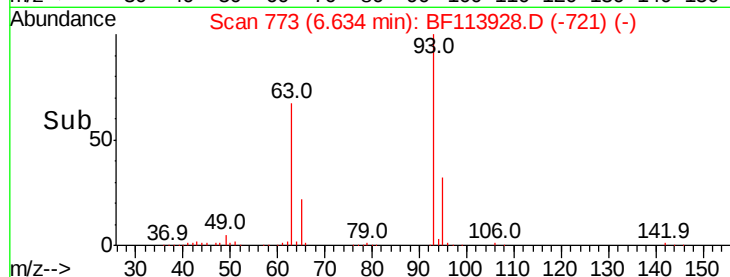
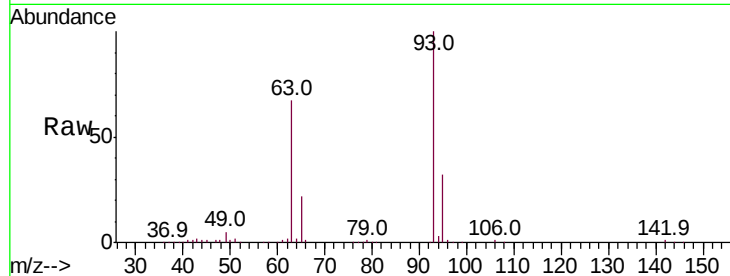
#11
bis(2-Chloroethyl)ether
Concen: 34.801 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	299158		
63	67.3		50.7	90.7
95	31.8		12.3	52.3

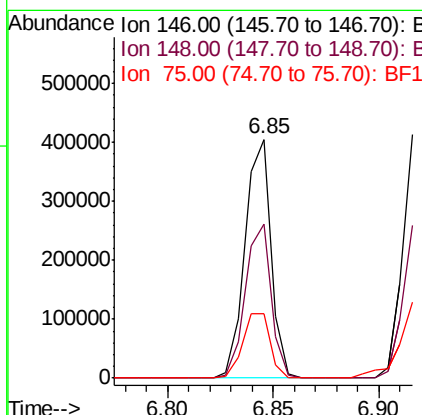
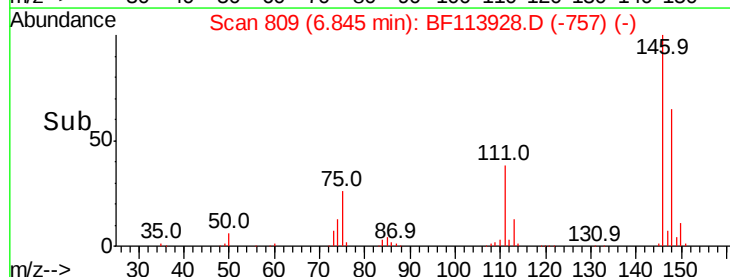
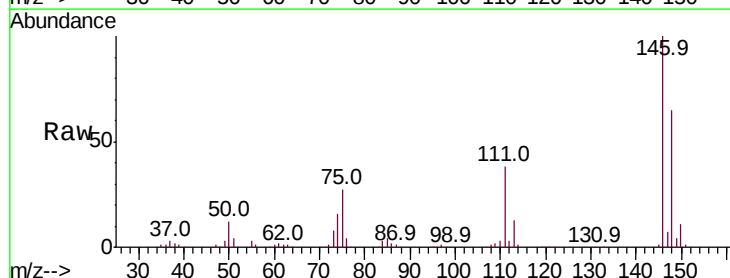
Manual Integrations
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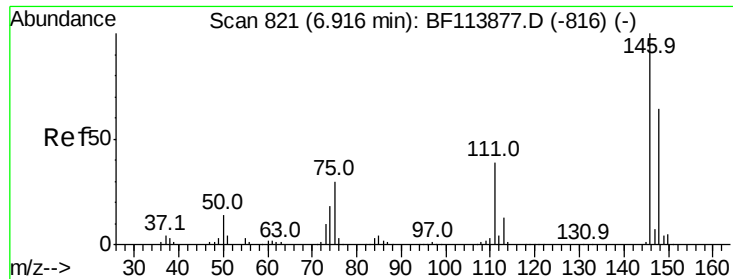
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#12
1,3-Dichlorobenzene
Concen: 35.099 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	345572		
148	64.6		51.0	76.6
75	26.7		23.8	35.8





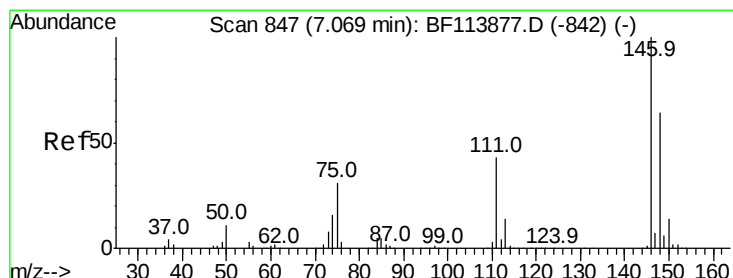
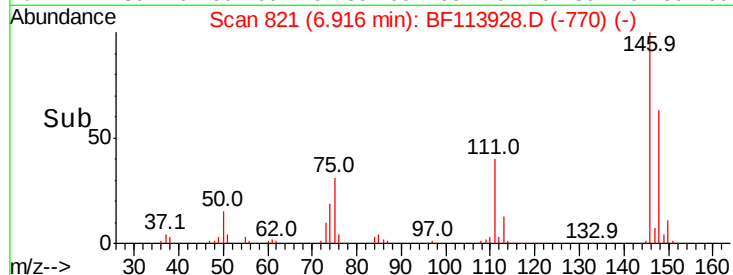
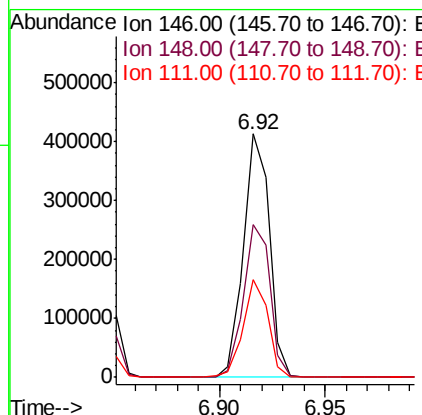
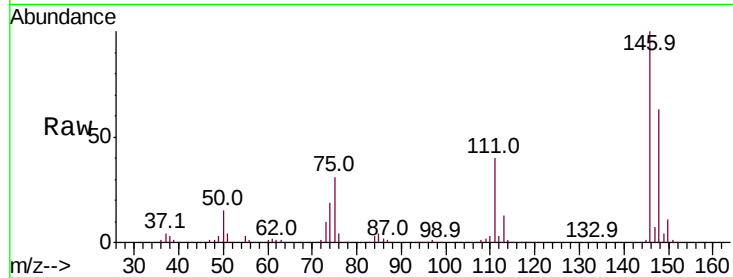
#13
 1,4-Dichlorobenzene
 Concen: 35.380 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.8
111	40.3	30.9	46.3

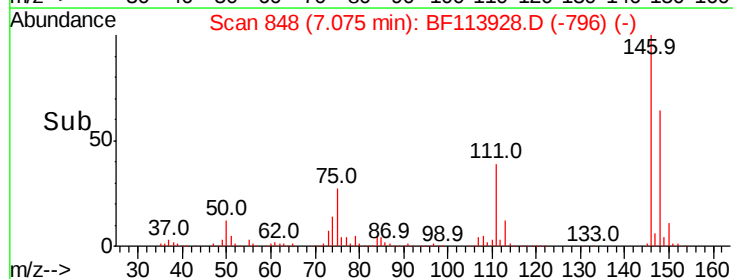
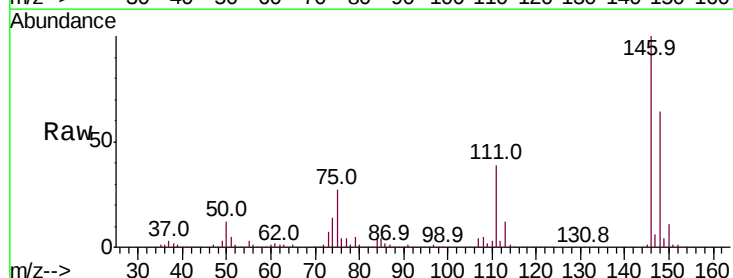
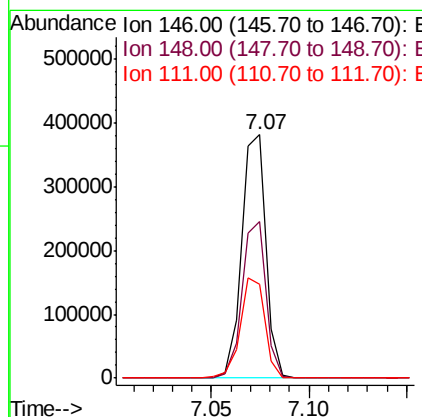
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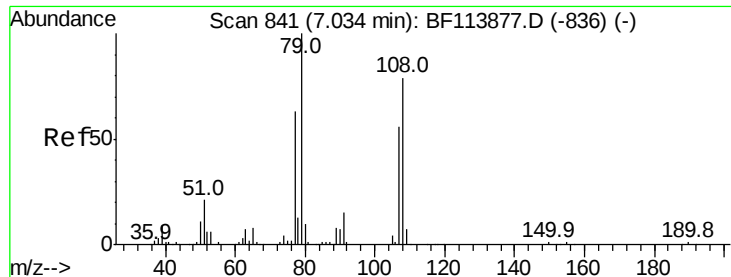
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#14
 1,2-Dichlorobenzene
 Concen: 35.989 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
111	38.7	34.2	51.4





#15

Benzyl Alcohol

Concen: 36.676 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

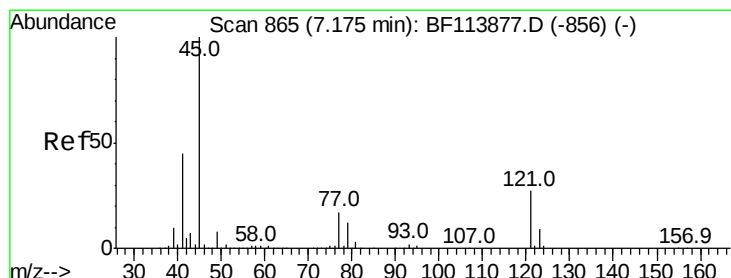
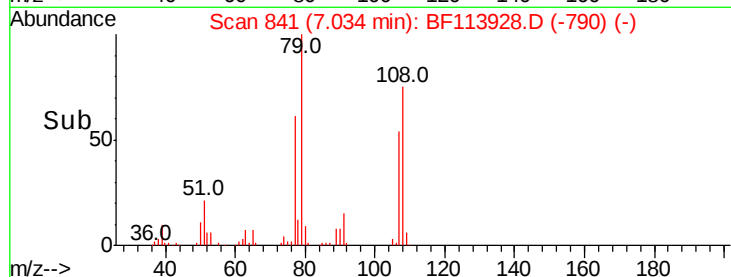
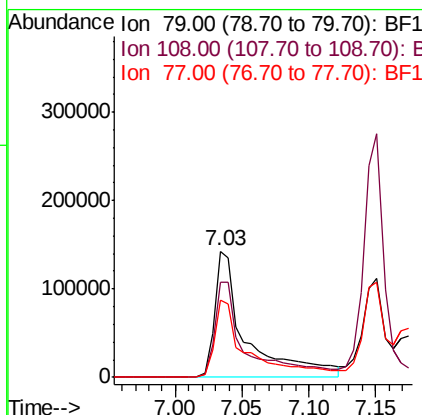
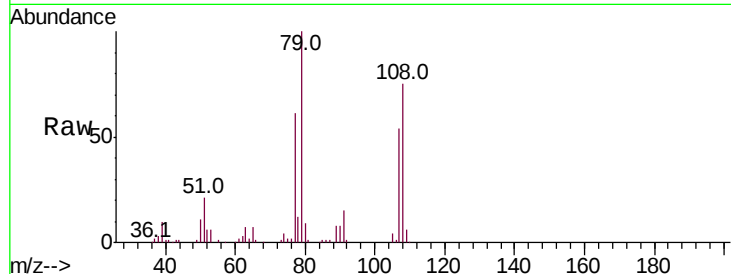
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:	79	Resp:	235972
Ion Ratio	Lower	Upper	
79	100		
108	75.5	61.4	92.0
77	60.9	51.6	77.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.194 ng

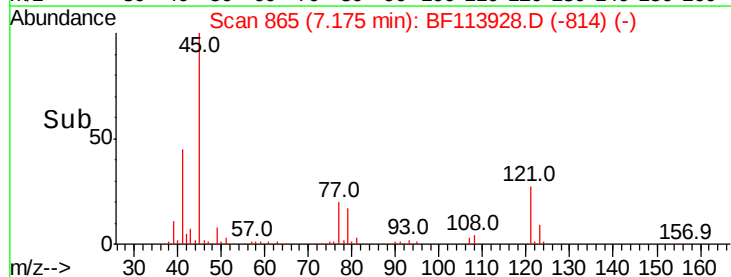
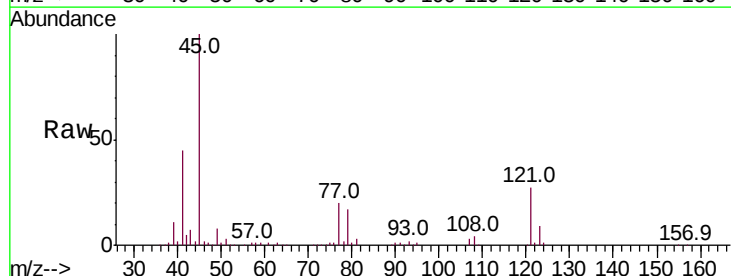
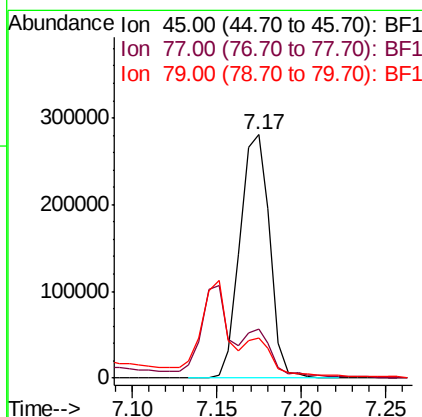
RT: 7.17 min Scan# 865

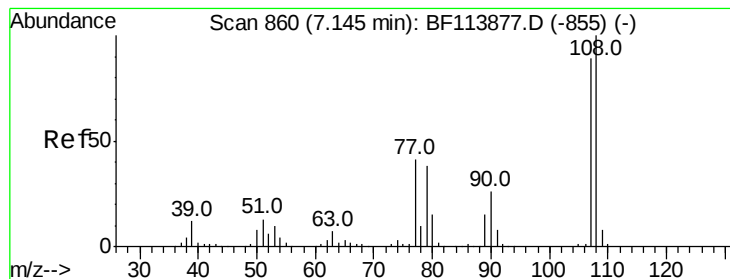
Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:	45	Resp:	343128
Ion Ratio	Lower	Upper	
45	100		
77	20.0	0.0	37.0
79	16.7	0.0	32.7





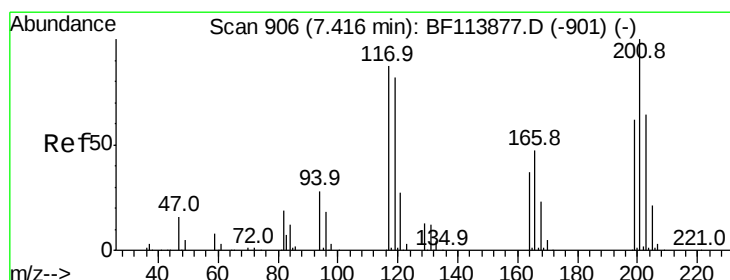
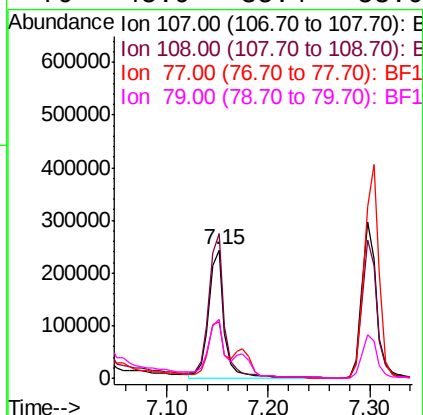
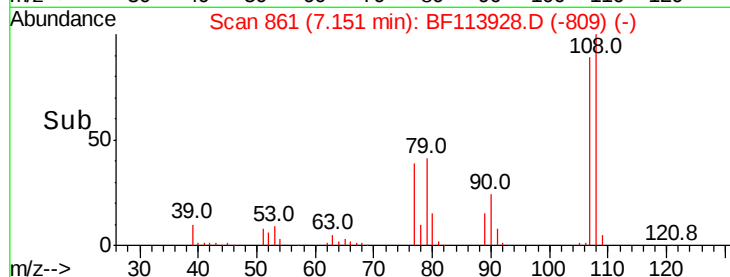
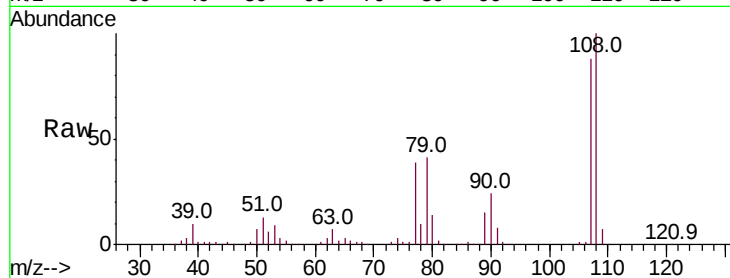
#17
2-Methylphenol
Concen: 34.549 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	263276		
108	113.1	91.5	137.3	
77	44.1	36.2	54.4	
79	45.9	35.4	53.0	

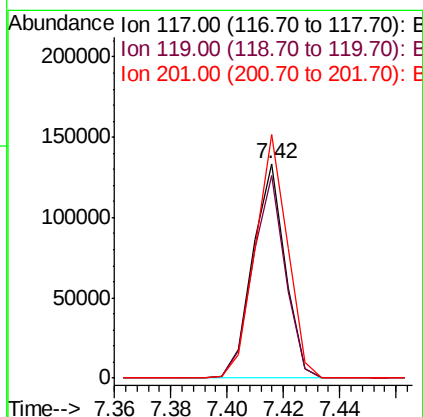
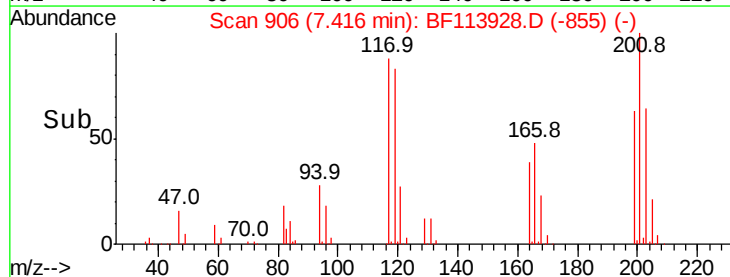
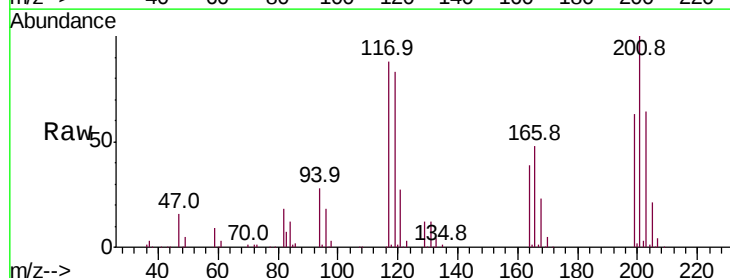
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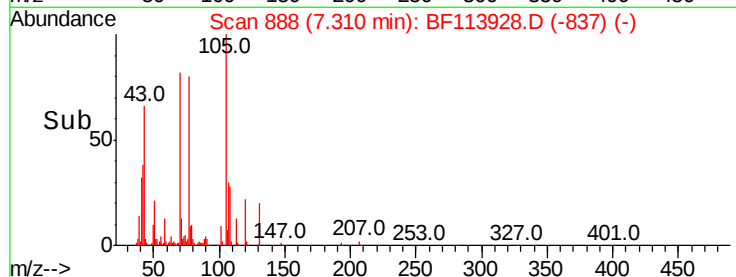
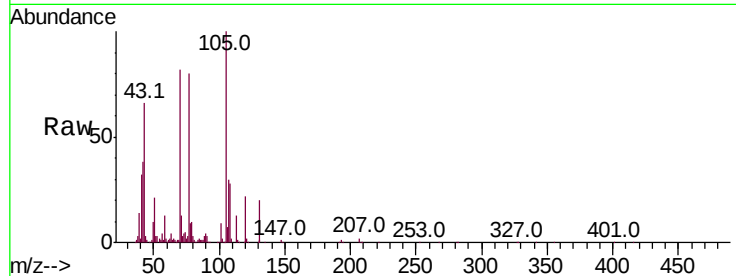
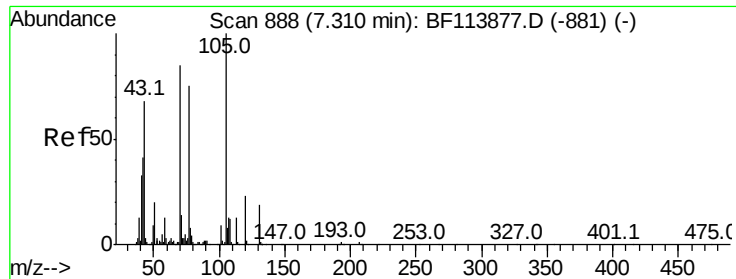
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#18
Hexachloroethane
Concen: 30.544 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106032		
119	94.3	74.4	111.6	
201	113.5	90.2	135.2	





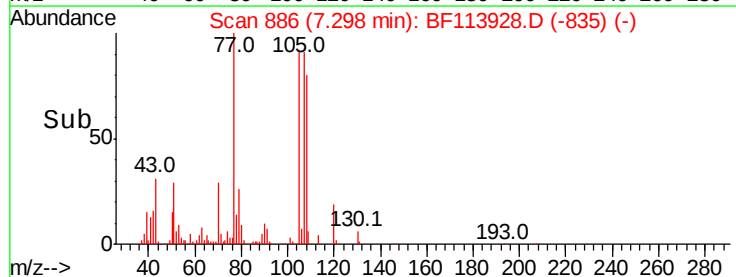
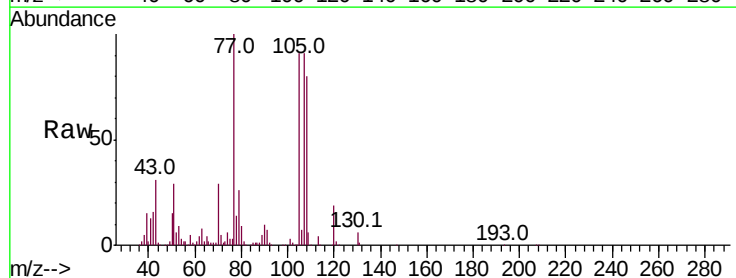
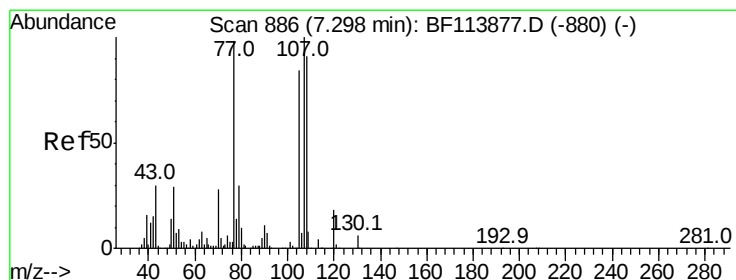
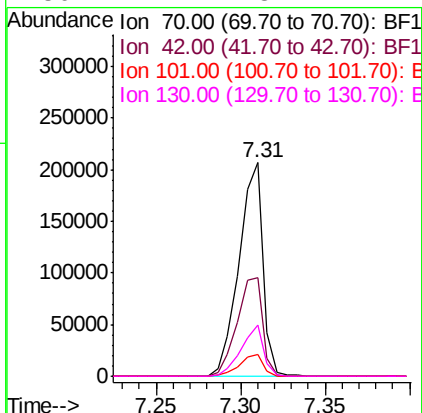
#19
n-Nitroso-di-n-propylamine
Concen: 33.072 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	10.5	7.8	11.8
130	24.1	18.2	27.2

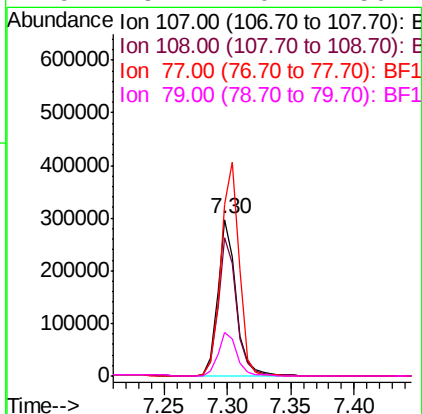
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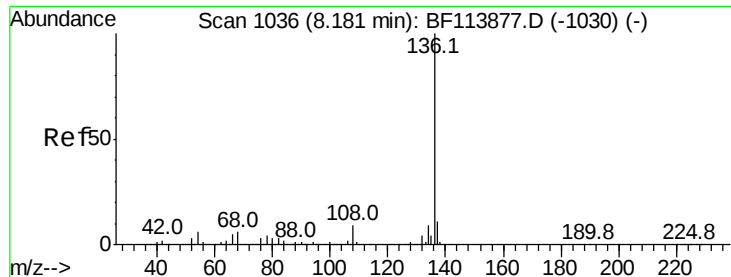
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#20
3+4-Methylphenols
Concen: 34.811 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	110.1	52.9	92.9#
79	28.1	10.2	50.2





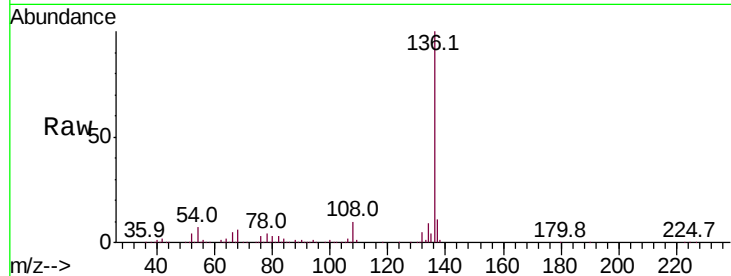
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

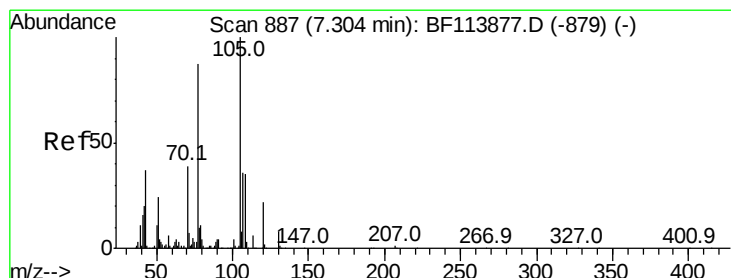
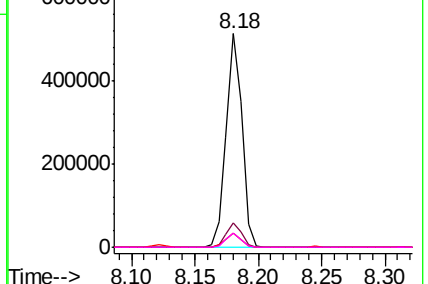
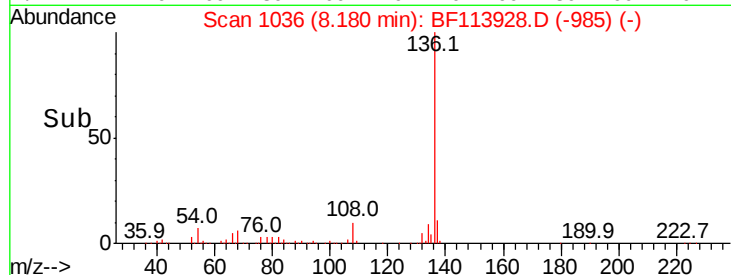
Tot Ion	Ratio	Resp	Lower	Upper
136	100	445126		
137	11.2	8.6	12.8	
54	6.8	5.0	7.6	
68	6.4	4.9	7.3	

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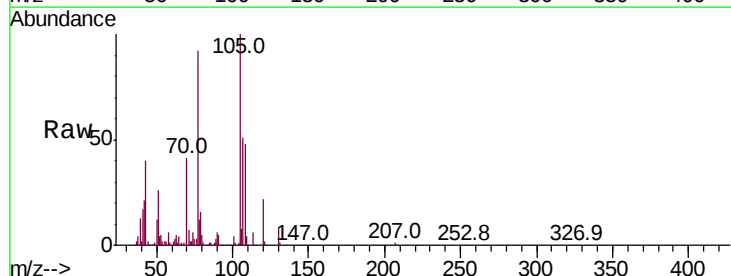


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

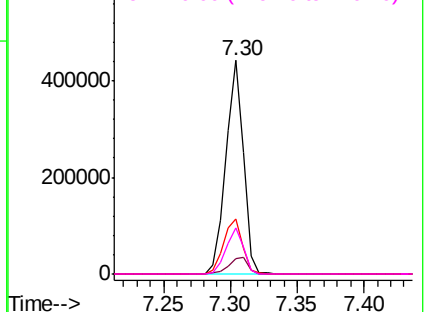
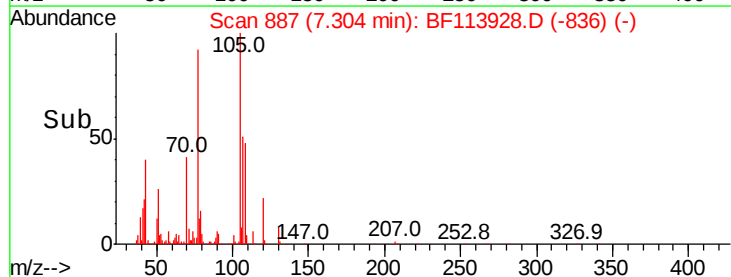


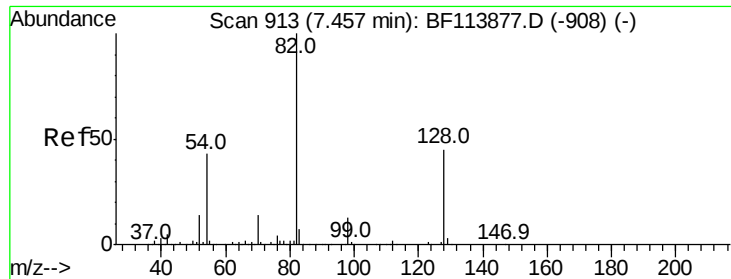
#22
Acetophenone
Concen: 41.627 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	412339		
71	7.1	6.1	9.1	
51	25.9	16.8	25.2#	
120	21.8	17.6	26.4	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





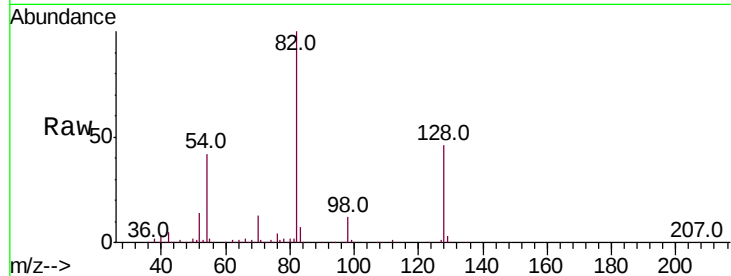
#23
Nitrobenzene-d5
Concen: 81.262 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	585836		
128	46.4		36.8	55.2
54	42.3		33.8	50.6

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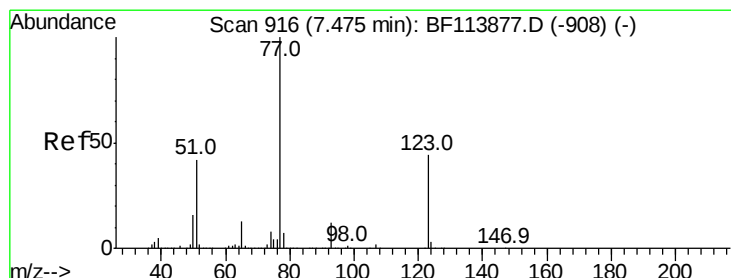
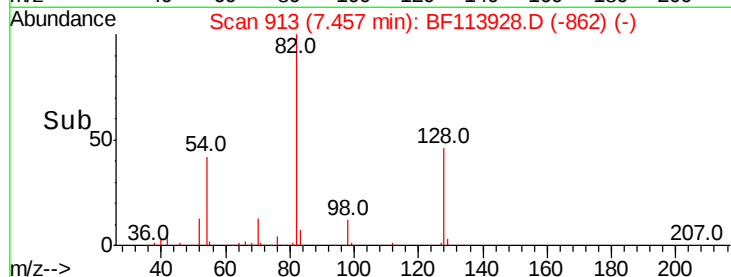
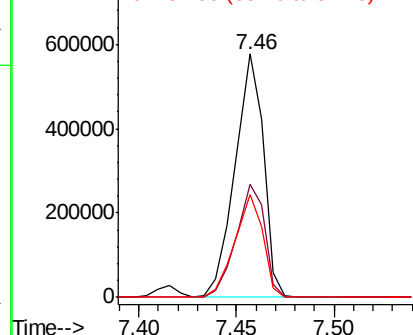


Abundance

Ion 82.00 (81.70 to 82.70): BF1

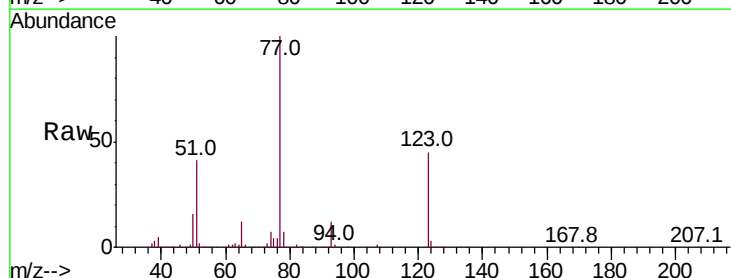
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 40.069 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	319189		
123	44.9		36.3	54.5
65	12.5		10.3	15.5

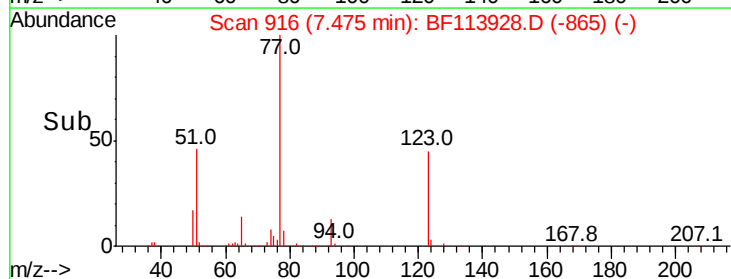
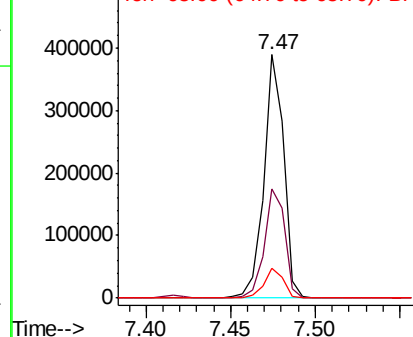


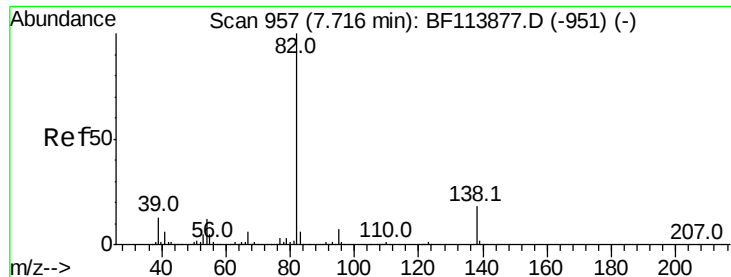
Abundance

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: 37.307 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

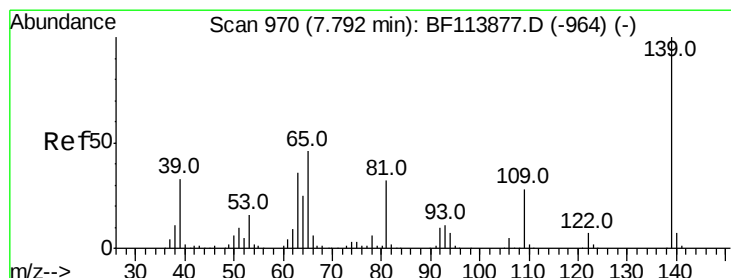
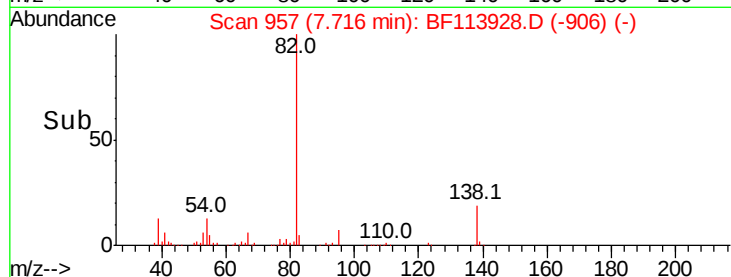
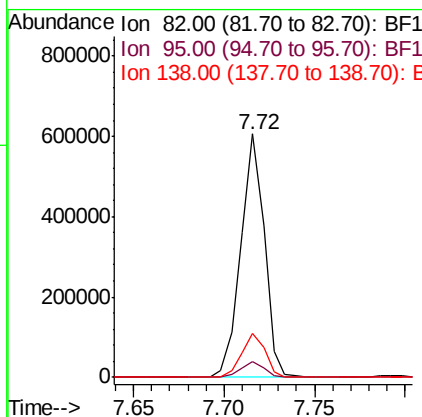
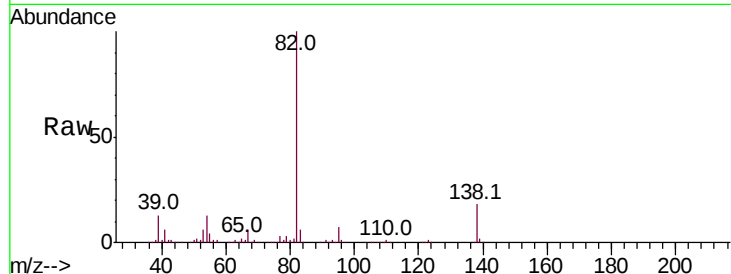
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:	82	Resp:	550328
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	18.1	14.6	22.0

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#26

2-Nitrophenol

Concen: 39.869 ng

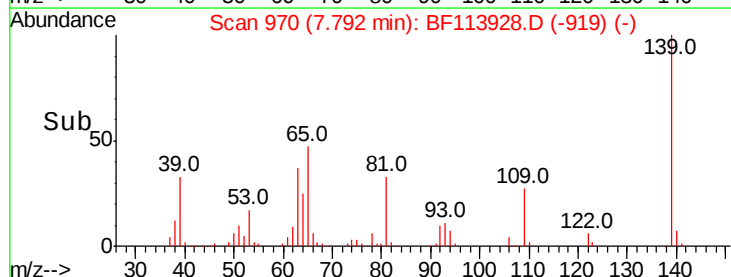
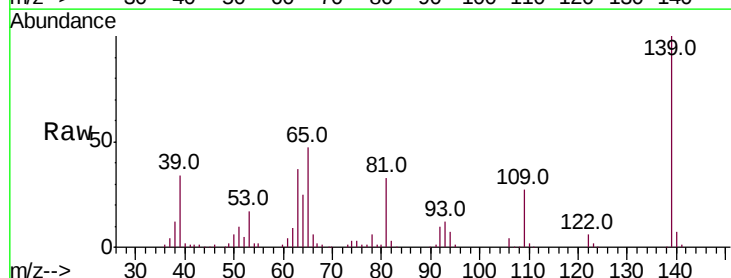
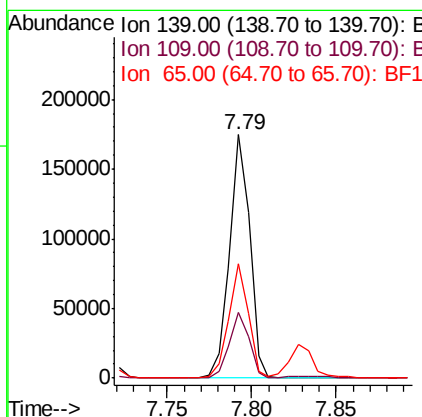
RT: 7.79 min Scan# 970

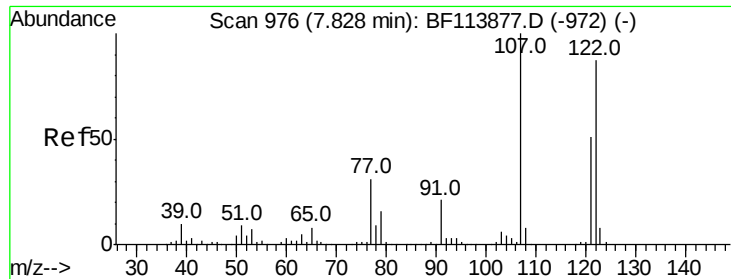
Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:	139	Resp:	144887
Ion Ratio	Lower	Upper	
139	100		
109	27.1	20.6	31.0
65	47.0	34.6	52.0





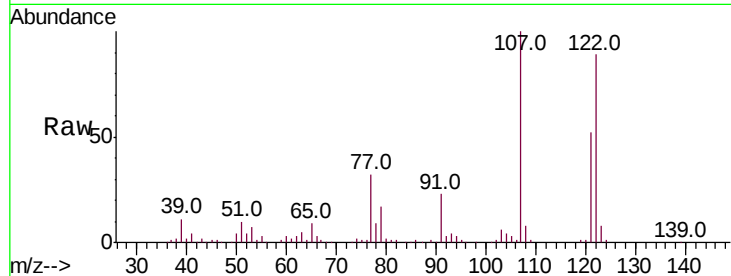
#27
 2,4-Dimethylphenol
 Concen: 42.424 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

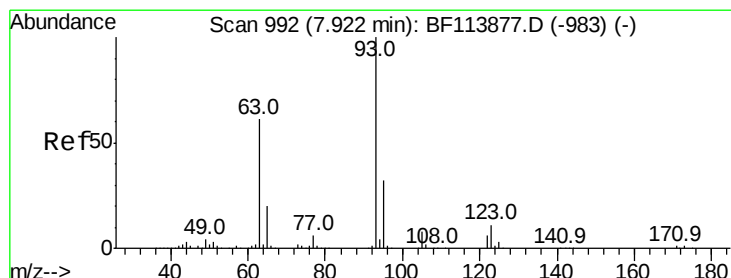
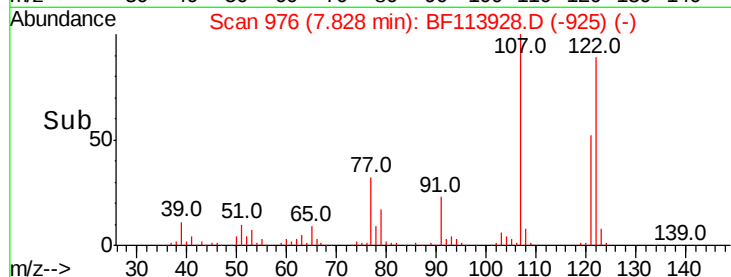
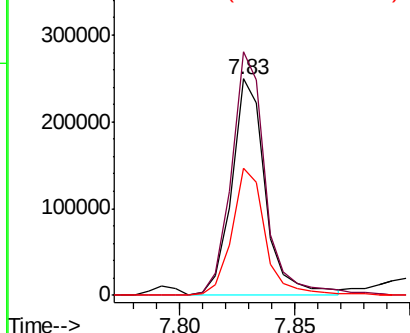
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	91.2	136.8
121	59.0	46.4	69.6

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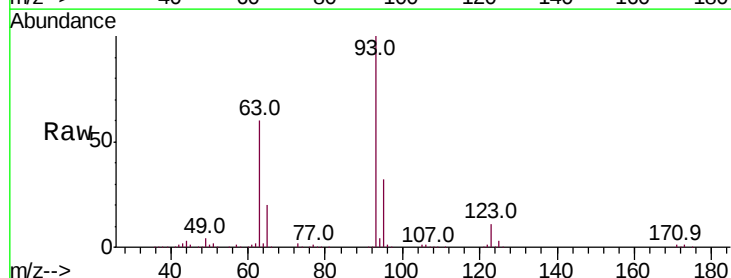


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

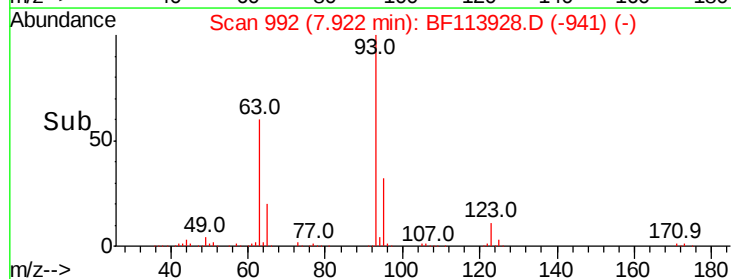
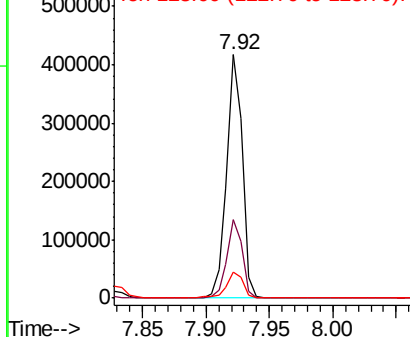


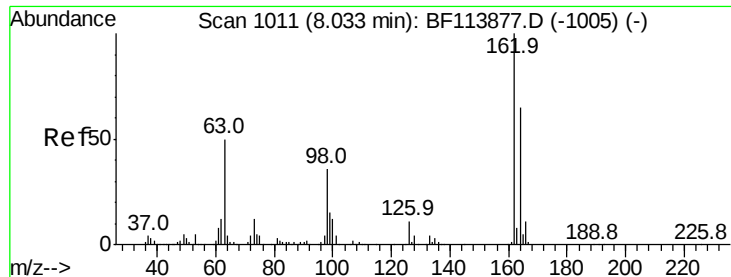
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.059 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.6
123	10.7	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





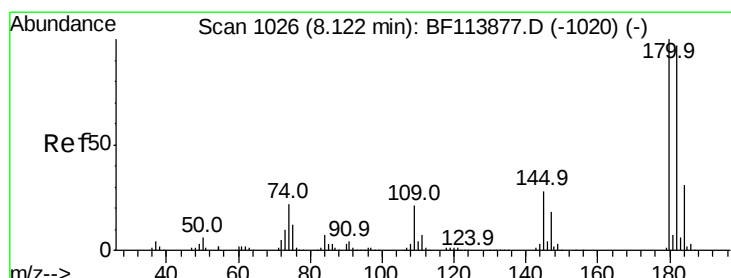
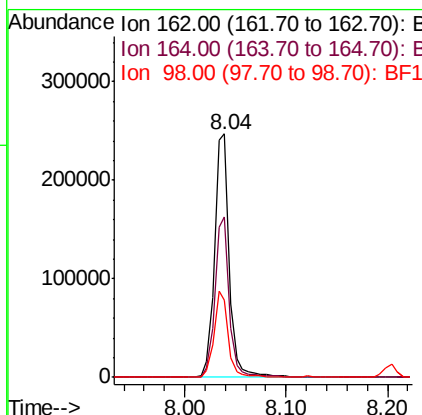
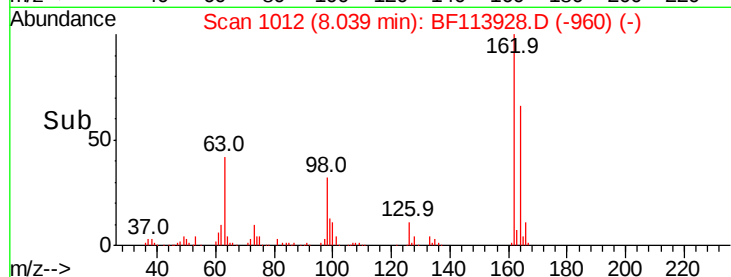
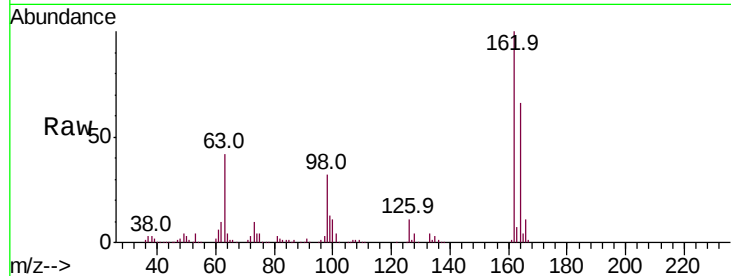
#29
2,4-Dichlorophenol
Concen: 37.164 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	251625		
164	65.8	43.7	83.7	
98	31.6	15.5	55.5	

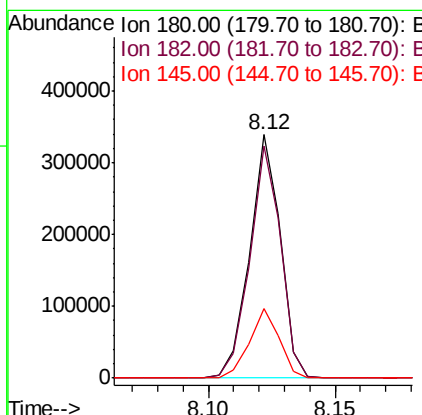
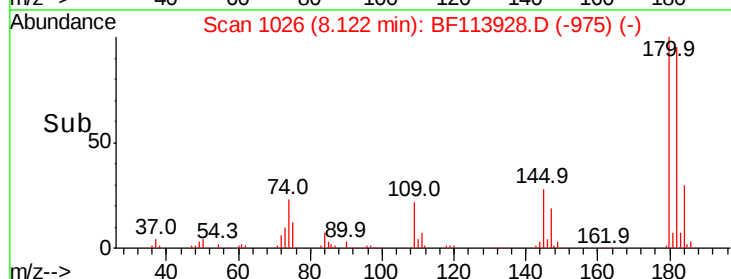
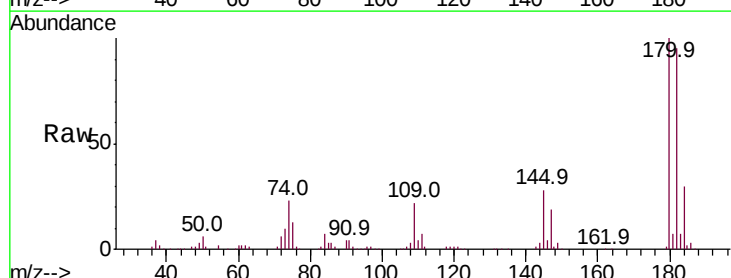
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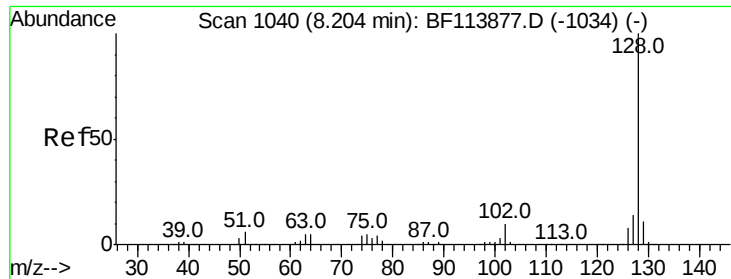
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#30
1,2,4-Trichlorobenzene
Concen: 37.860 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	285819		
182	95.1	75.4	113.0	
145	28.3	23.0	34.4	





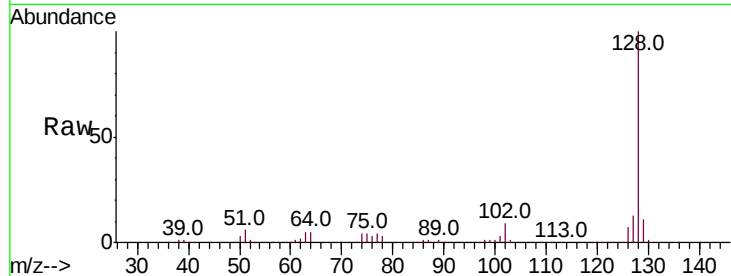
#31
Naphthalene
Concen: 38.854 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

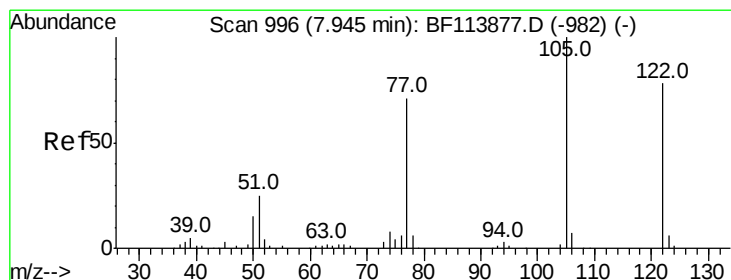
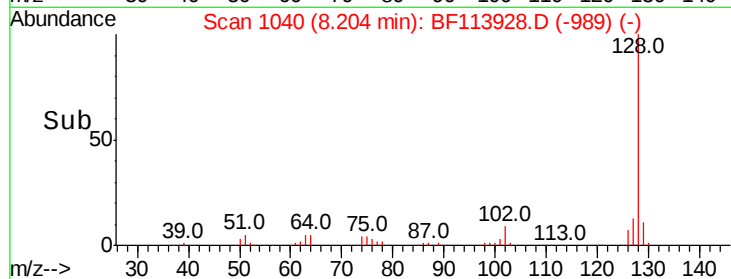
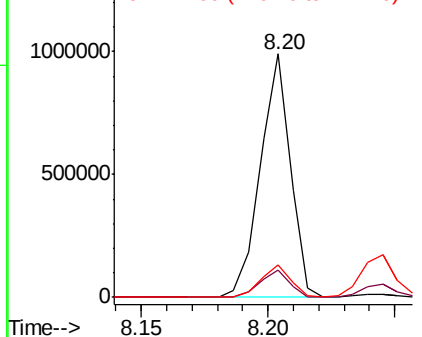
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	13.4	10.8	16.2

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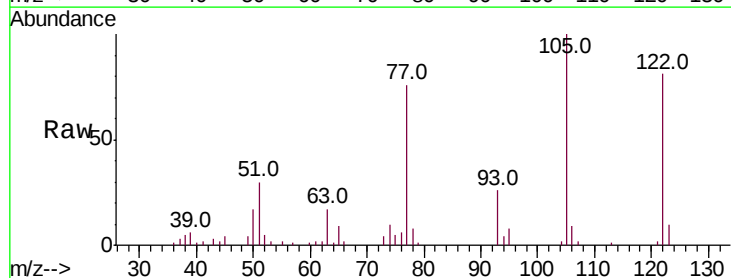


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

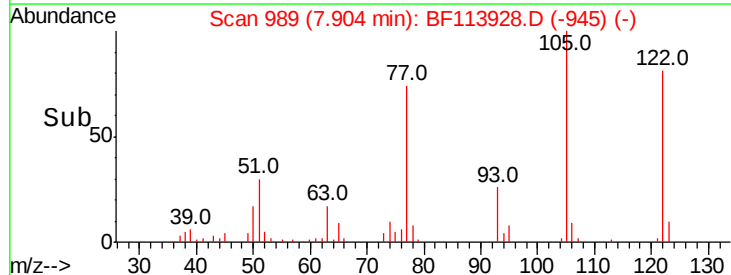
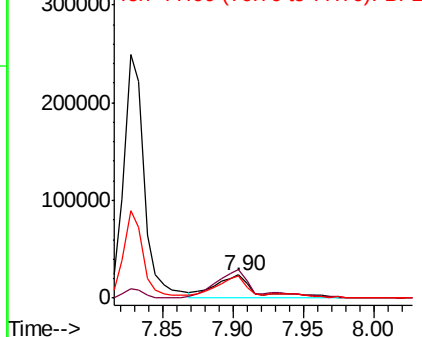


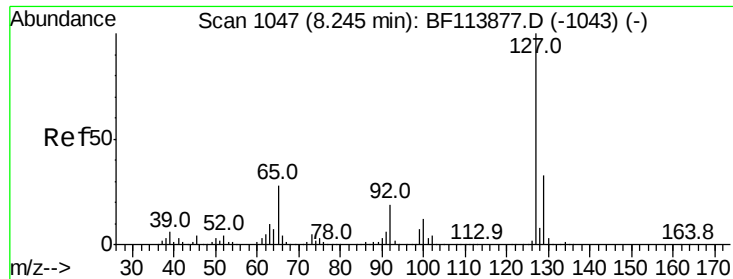
#32
Benzoic acid
Concen: 11.082 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.04 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.5	104.3	144.3
77	93.6	70.4	110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





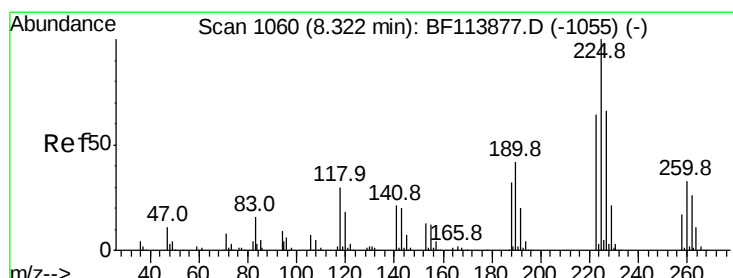
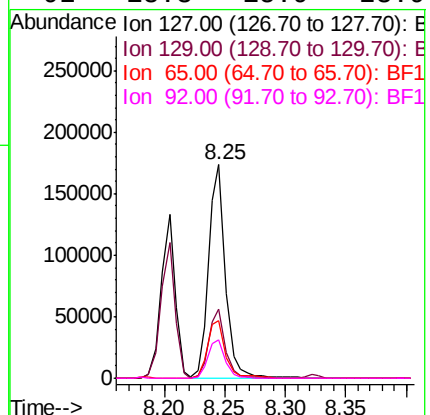
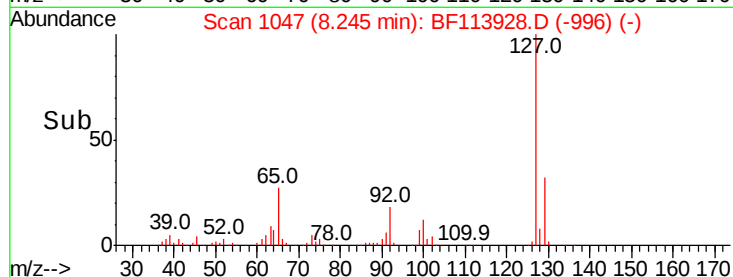
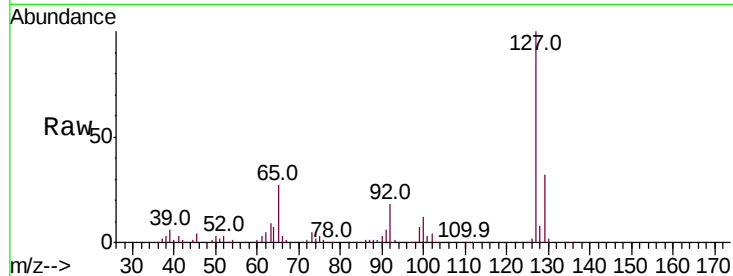
#33
4-Chloroaniline
Concen: 18.692 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.4	39.6		
65	27.0	24.9	37.3		
92	18.3	15.9	23.9		

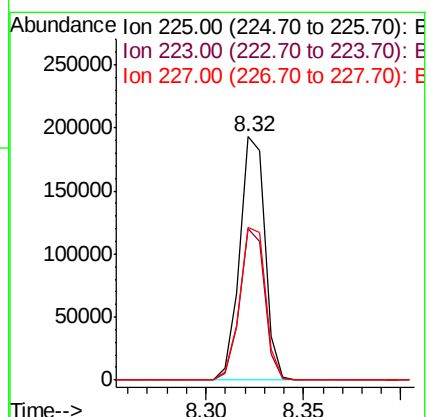
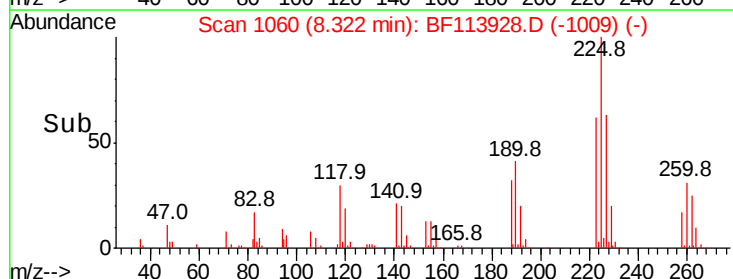
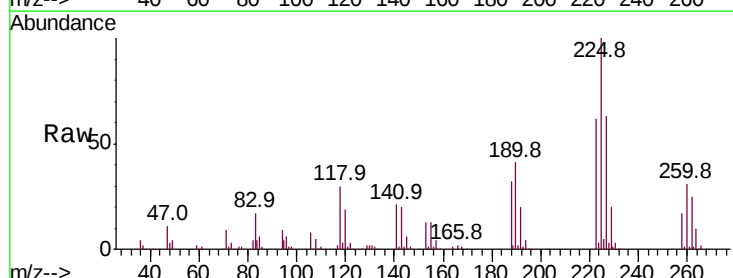
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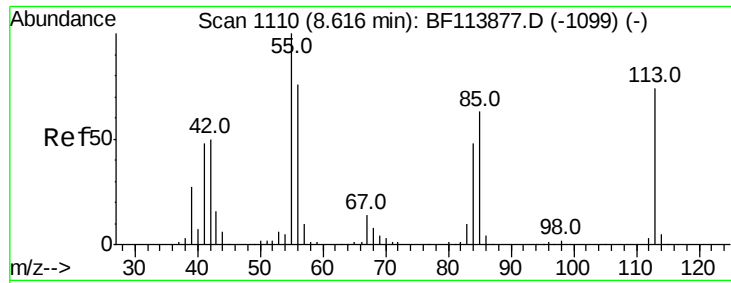
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#34
Hexachlorobutadiene
Concen: 36.913 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	51.1	76.7		
227	62.9	49.9	74.9		





#35

Caprolactam

Concen: 30.514 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

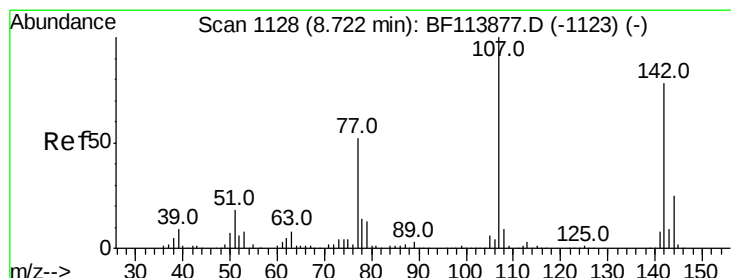
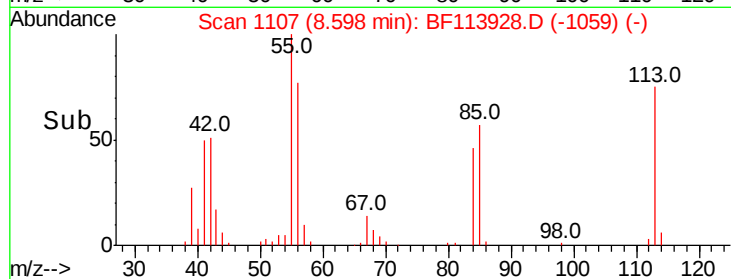
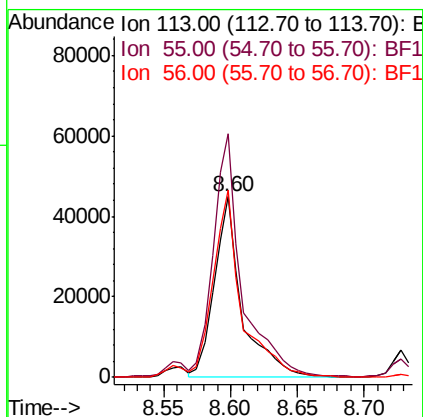
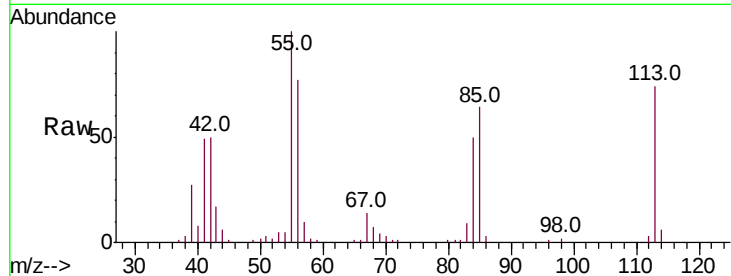
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:	113	Resp:	65722
Ion Ratio	Lower	Upper	
113	100		
55	134.7	128.6	168.6
56	103.5	91.9	131.9

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#36

4-Chloro-3-methylphenol

Concen: 34.436 ng

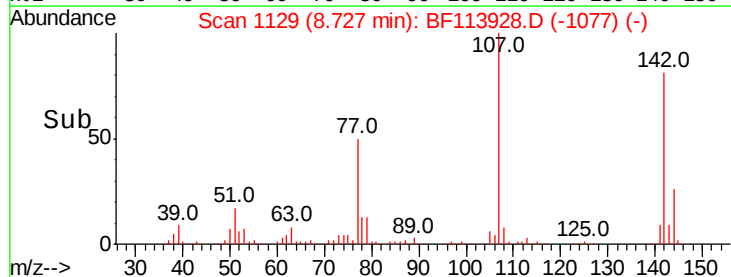
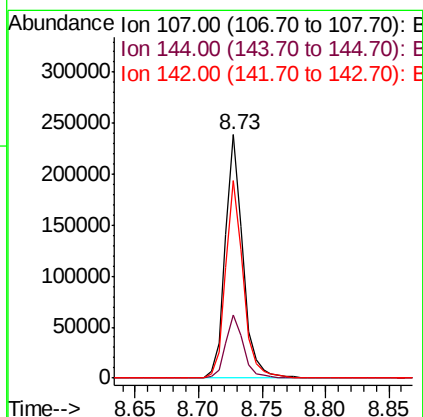
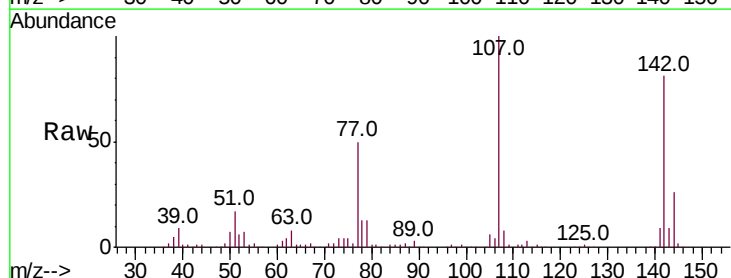
RT: 8.73 min Scan# 1129

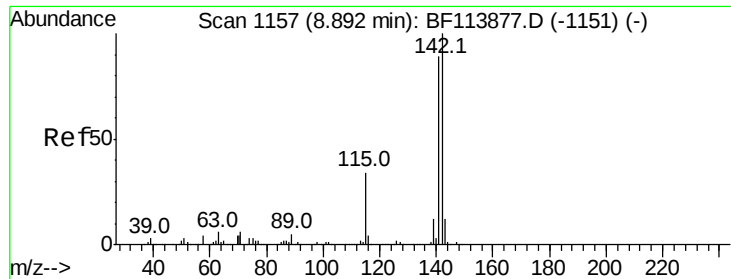
Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:	107	Resp:	230996
Ion Ratio	Lower	Upper	
107	100		
144	26.1	20.5	30.7
142	81.4	64.2	96.4





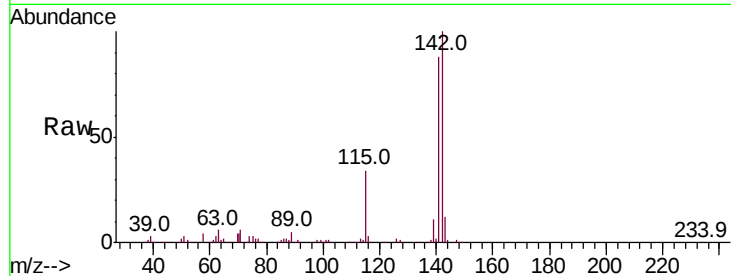
#37
2-Methylnaphthalene
Concen: 36.931 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	33.7	26.3	39.5

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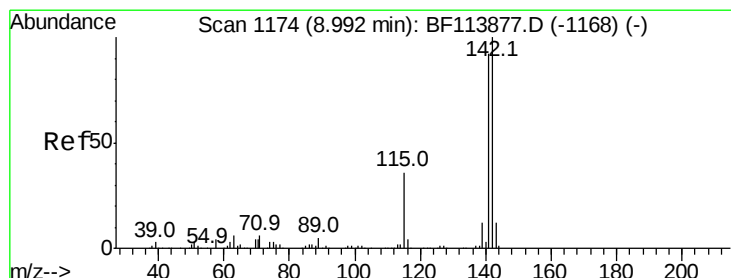
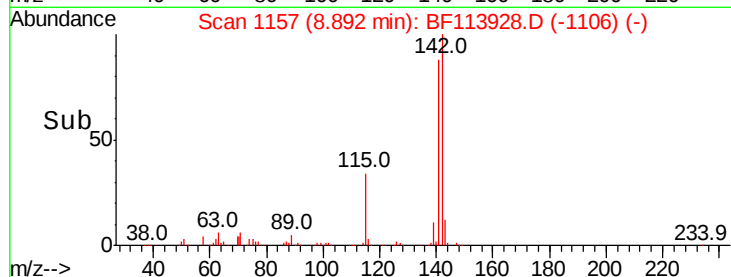
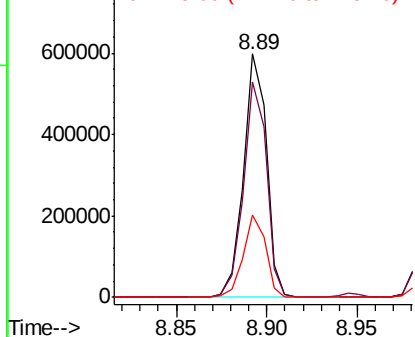


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 35.688 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

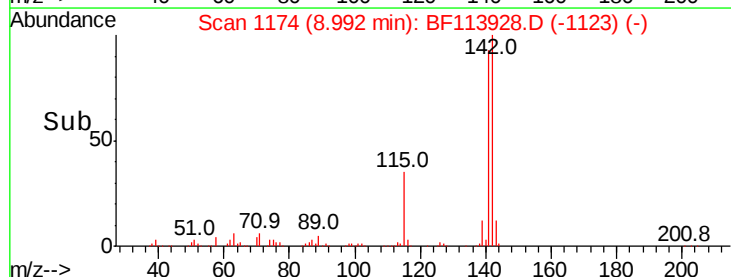
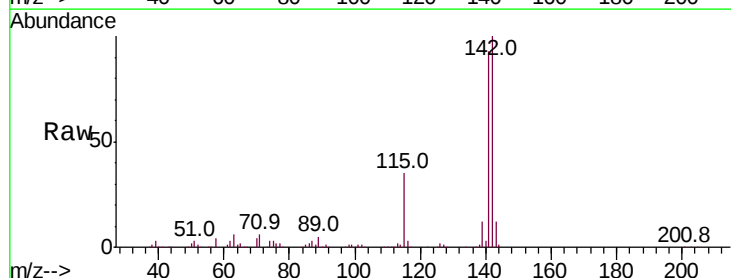
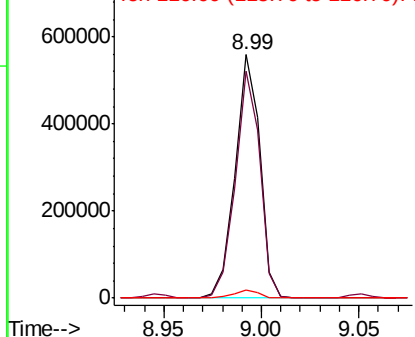
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.3	108.5
116	3.5	3.0	4.4

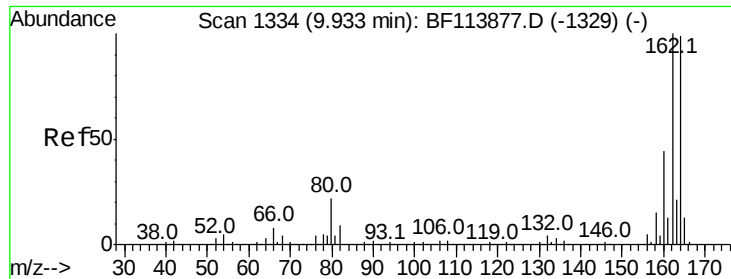
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





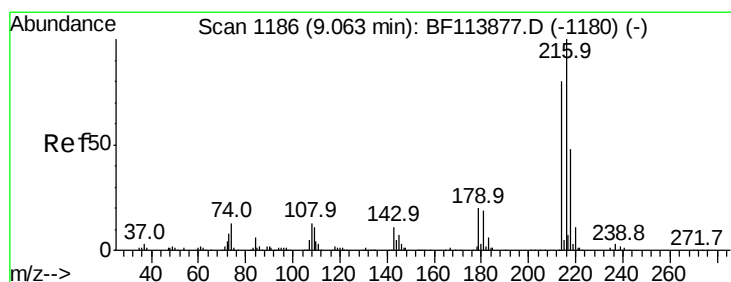
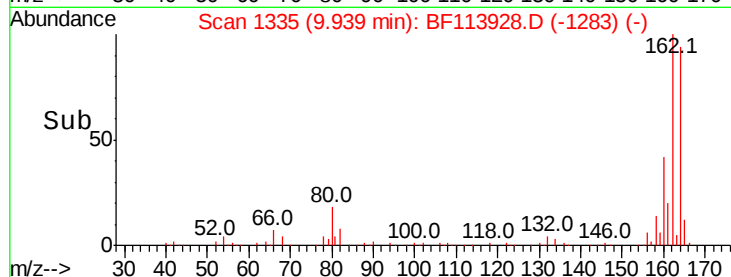
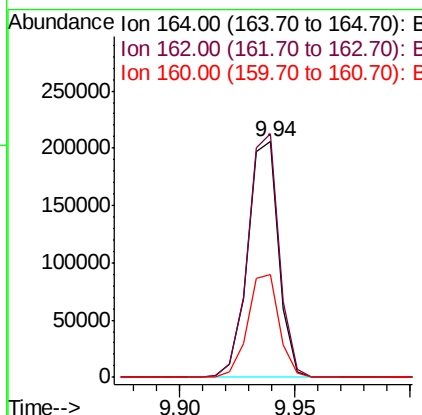
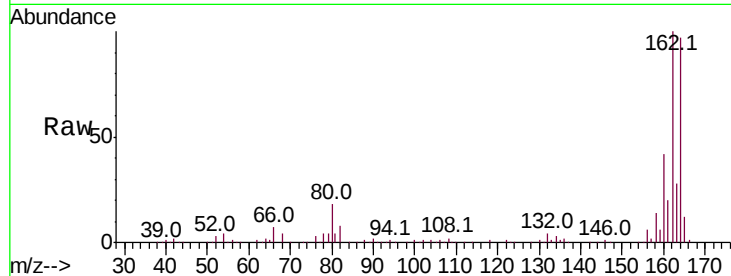
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.1	121.7
160	43.4	35.8	53.6

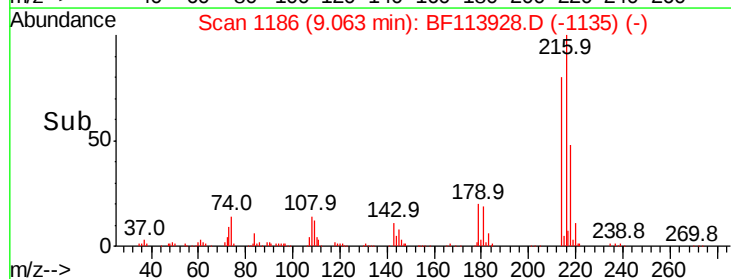
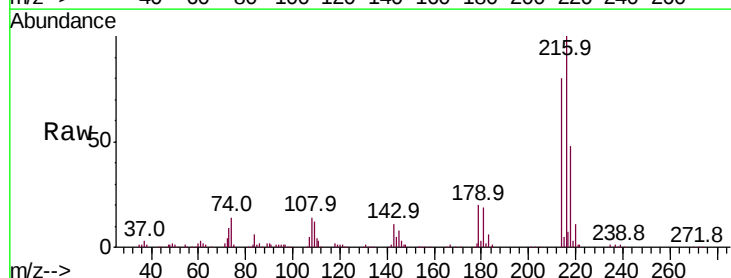
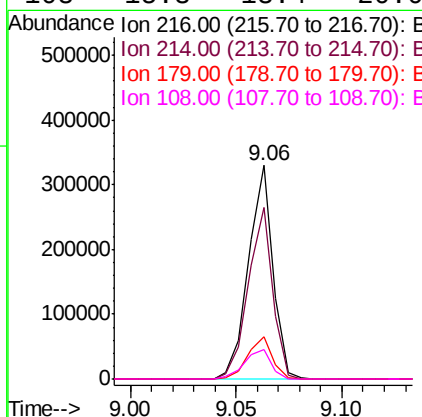
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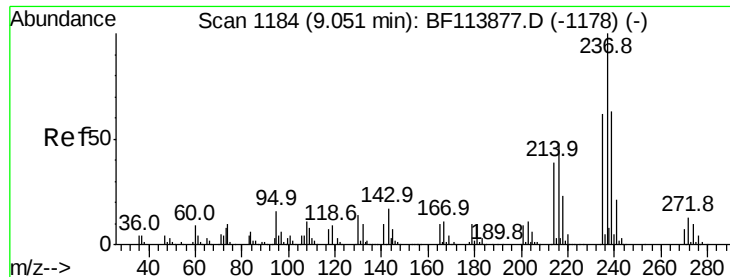
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.090 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	20.0	16.1	24.1
108	15.3	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 20.141 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

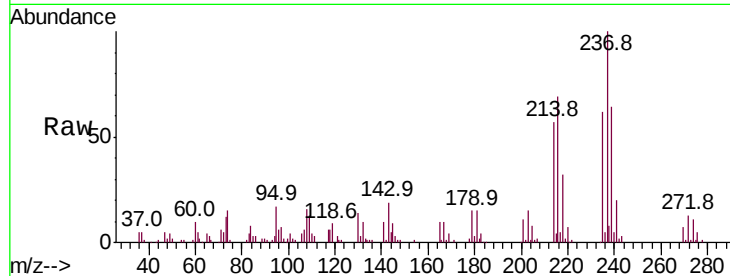
ClientSampleId :

SP-WOODBURYMSD

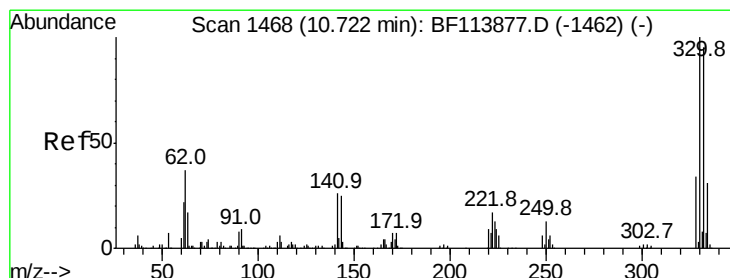
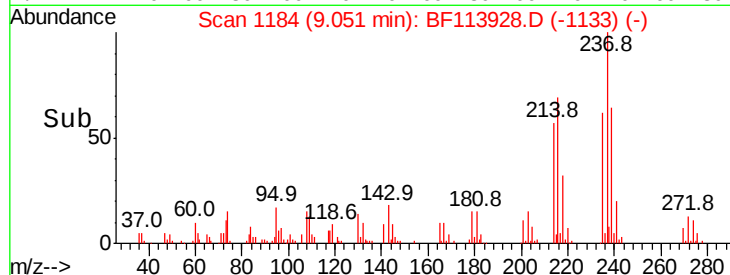
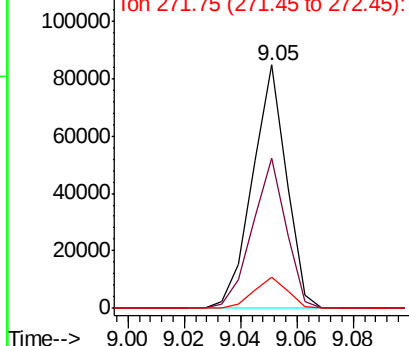
Tot Ion:	237	Resp:	70687
Ion Ratio	Lower	Upper	
237	100		
235	61.6	42.6	82.6
272	12.6	0.0	33.8

Manual Integrations
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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



#42

2,4,6-Tribromophenol

Concen: 106.117 ng

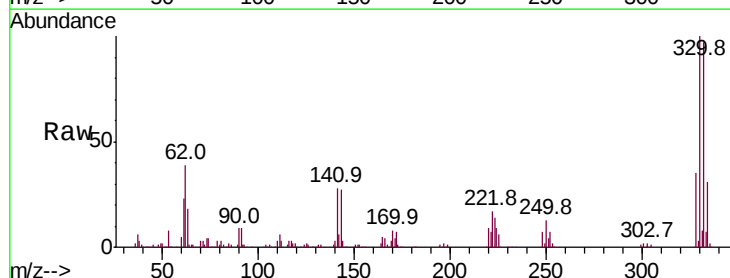
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

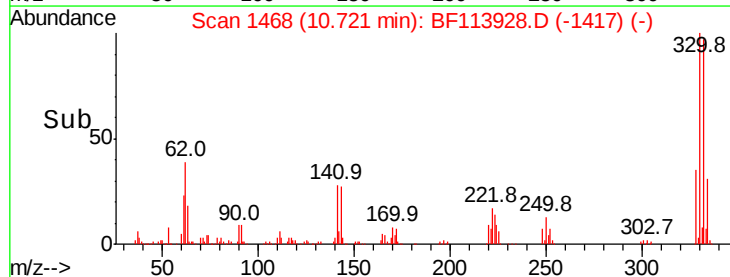
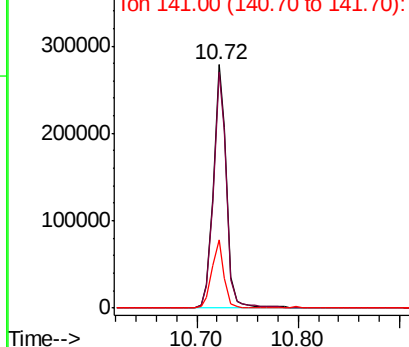
Lab File: BF113928.D

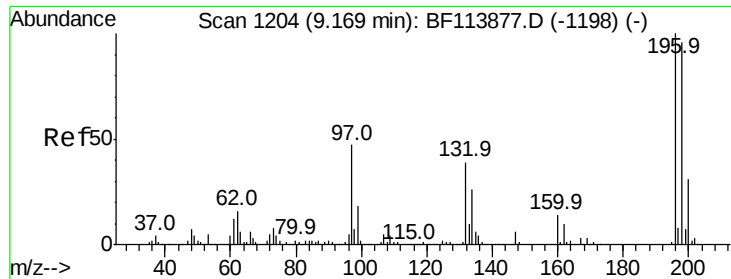
Acq: 23 Apr 2019 18:46

Tgt Ion:	330	Resp:	250472
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.5	116.3
141	26.2	22.2	33.2



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





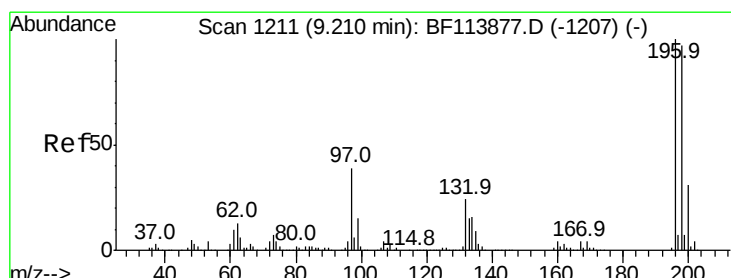
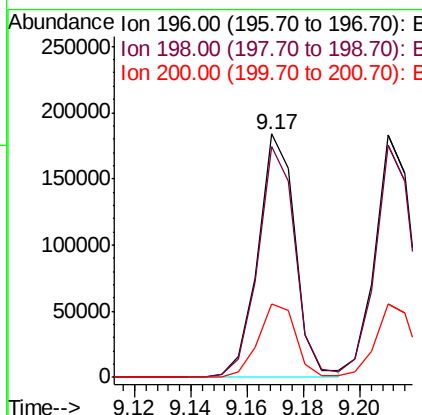
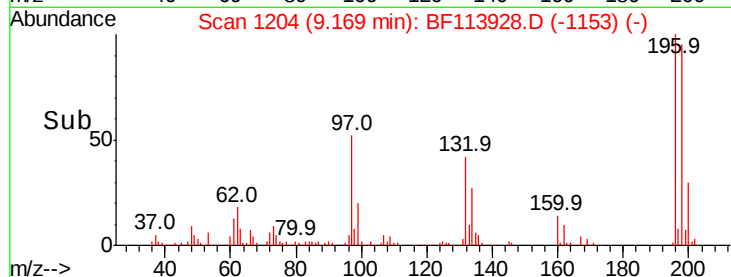
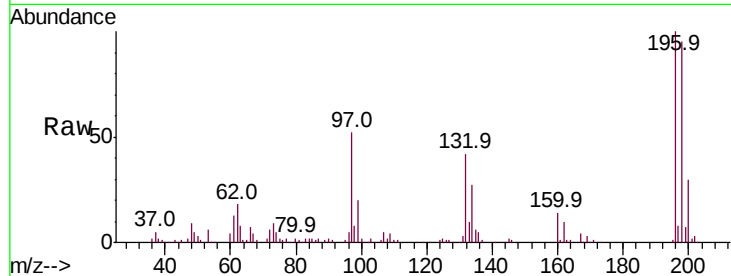
#43
 2,4,6-Trichlorophenol
 Concen: 42.019 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleID :
 SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	167930		
198	94.9	75.6	113.4	
200	30.0	24.7	37.1	

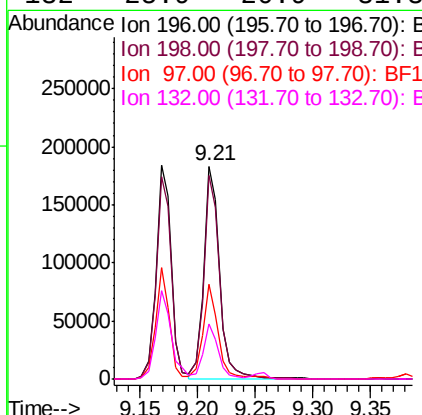
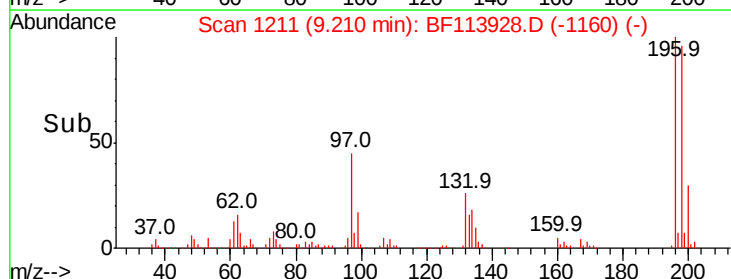
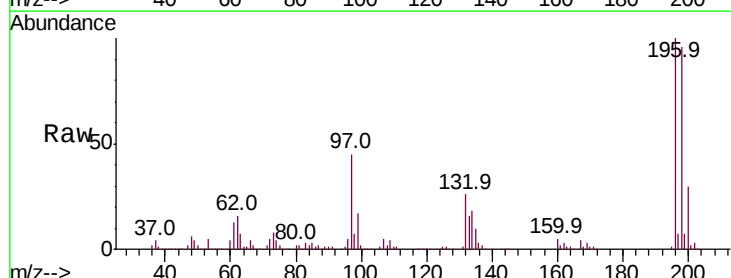
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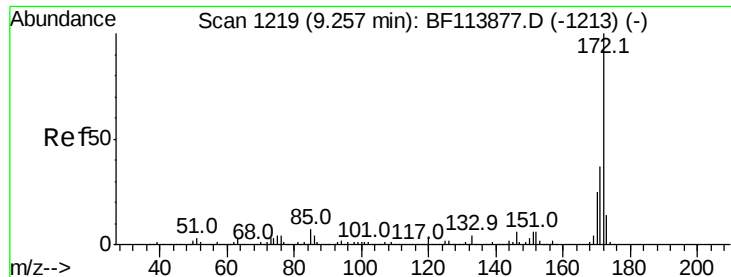
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#44
 2,4,5-Trichlorophenol
 Concen: 39.852 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	178645		
198	95.6	76.2	114.4	
97	44.6	35.8	53.8	
132	25.9	20.9	31.3	





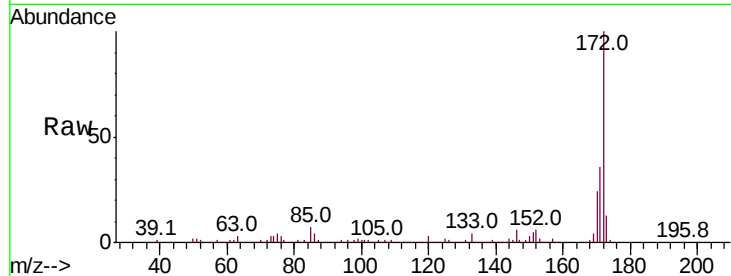
#45
2-Fluorobiphenyl
Concen: 84.177 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	19.9	29.9

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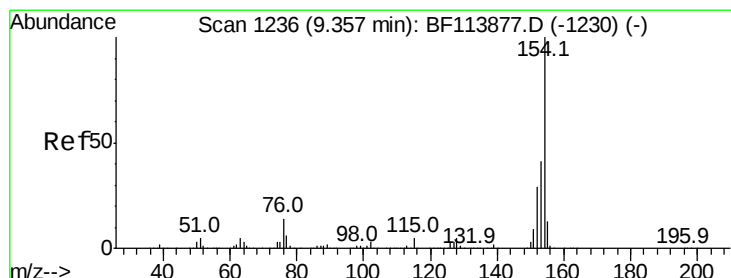
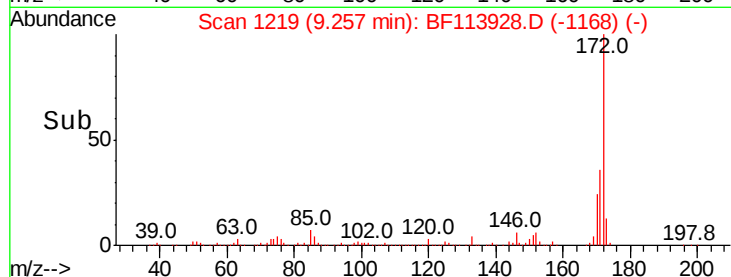
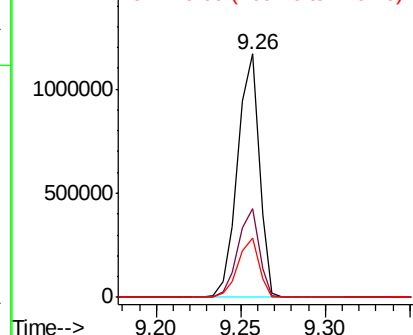


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.678 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

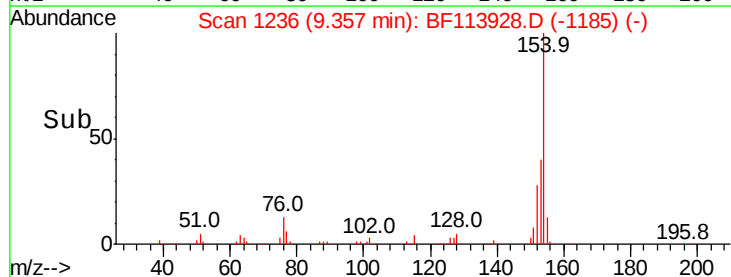
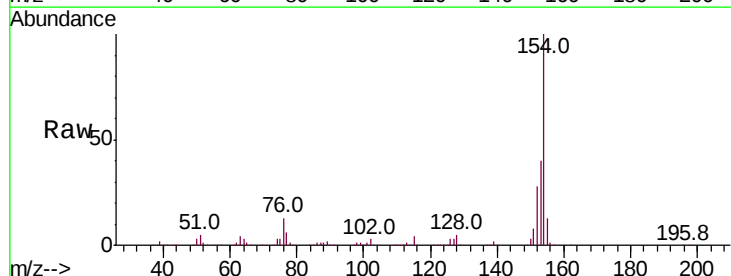
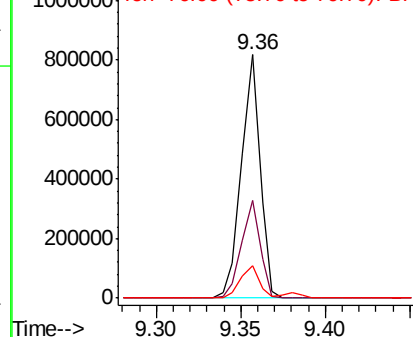
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	13.3	0.0	35.2

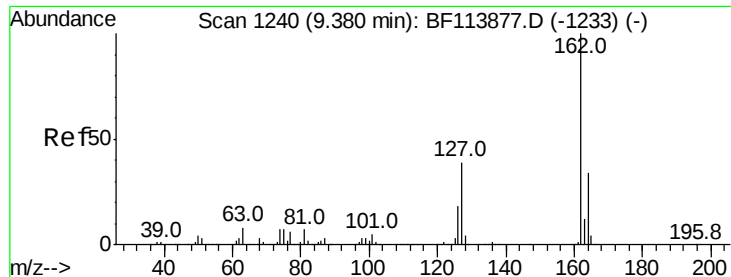
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.423 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

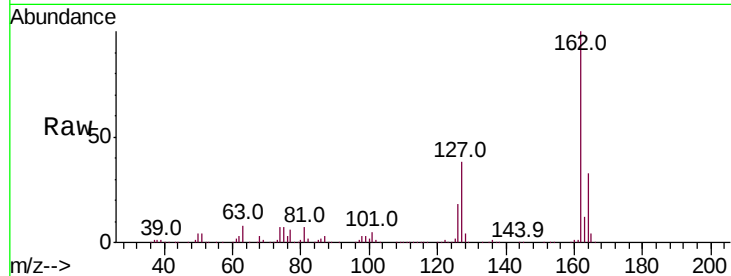
ClientSampleId :

SP-WOODBURYMSD

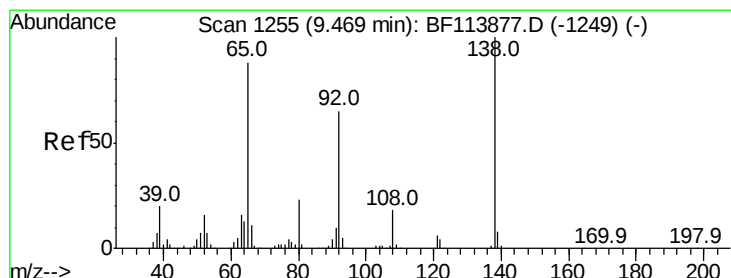
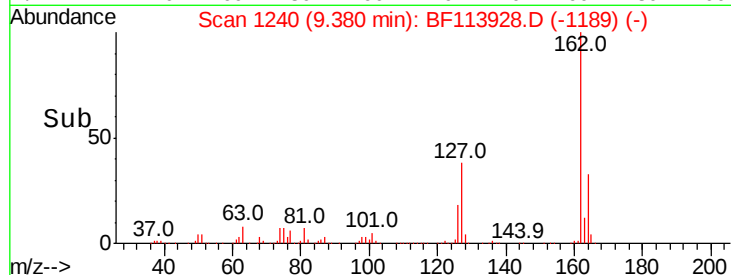
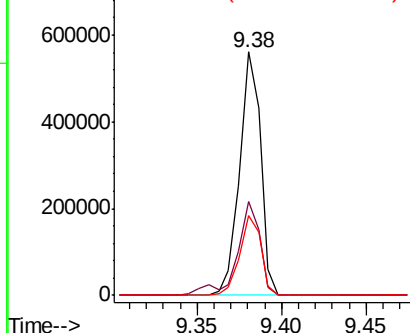
Tot Ion:	162	Resp:	486569
Ion Ratio	Lower	Upper	
162	100		
127	38.4	29.3	43.9
164	32.8	27.1	40.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.713 ng

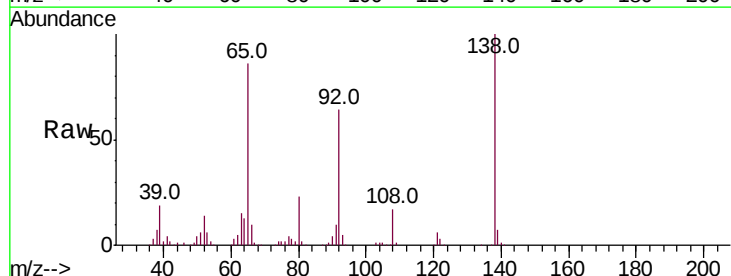
RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

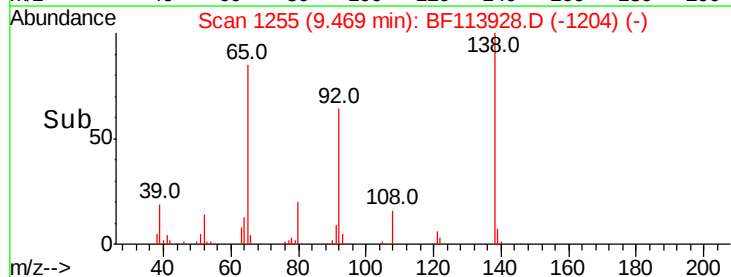
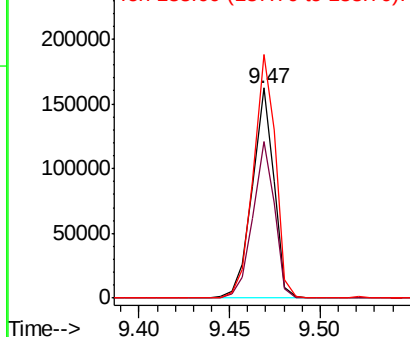
Lab File: BF113928.D

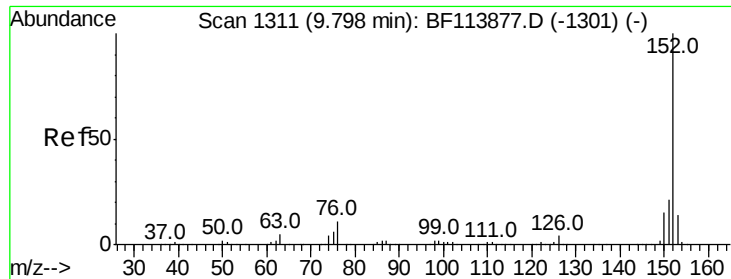
Acq: 23 Apr 2019 18:46

Tgt Ion:	65	Resp:	134776
Ion Ratio	Lower	Upper	
65	100		
92	74.7	57.4	86.0
138	116.1	85.4	128.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





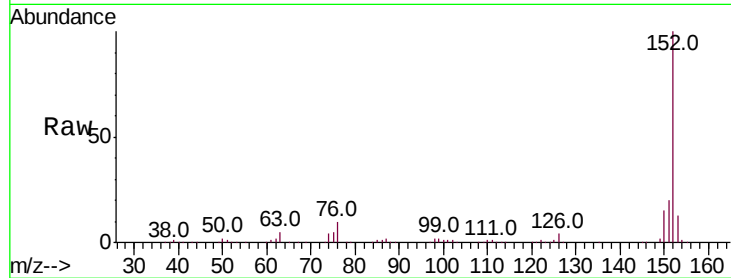
#49
Acenaphthylene
Concen: 38.256 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

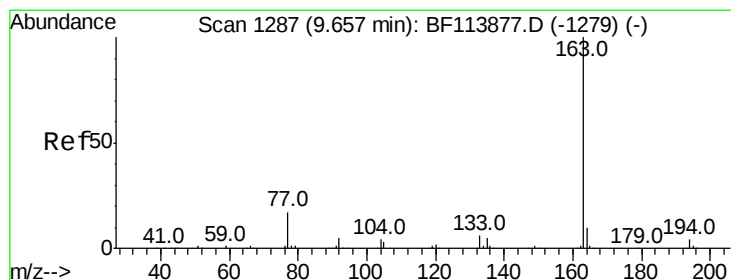
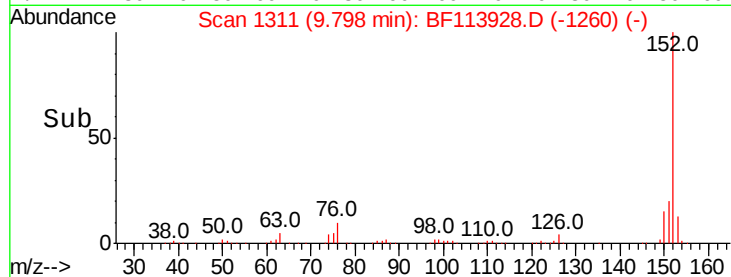
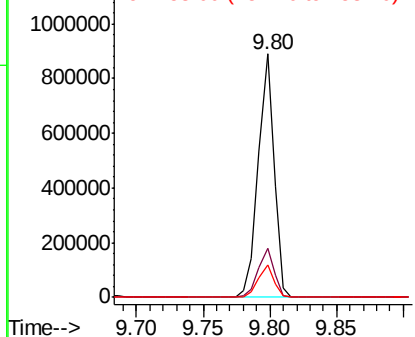
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		720895		
151	20.3		17.0	25.4	
153	13.2		11.0	16.6	

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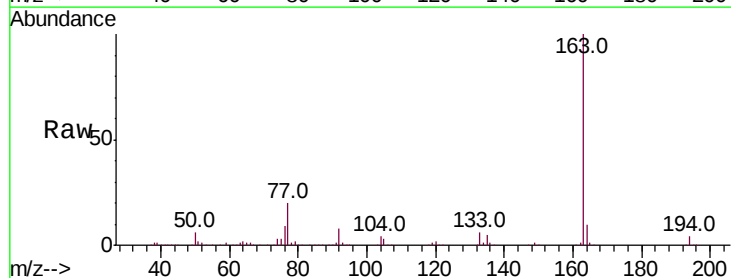


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

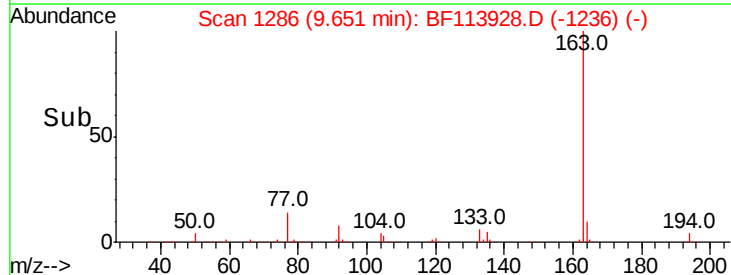
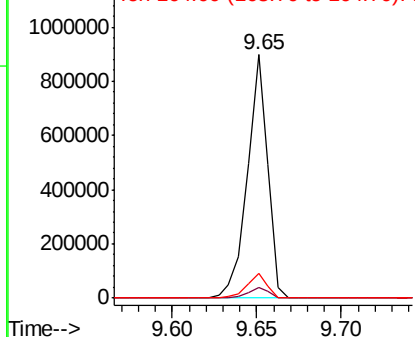


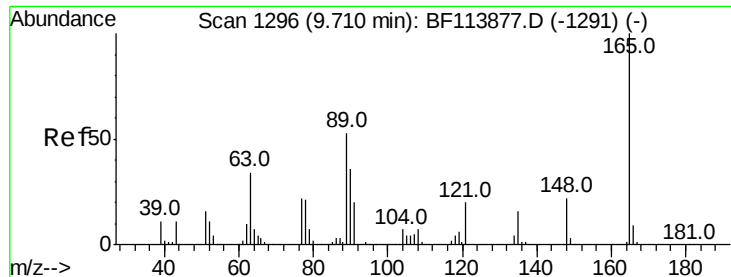
#50
Dimethylphthalate
Concen: 54.031 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		757124		
194	4.2		3.4	5.2	
164	10.2		8.5	12.7	



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





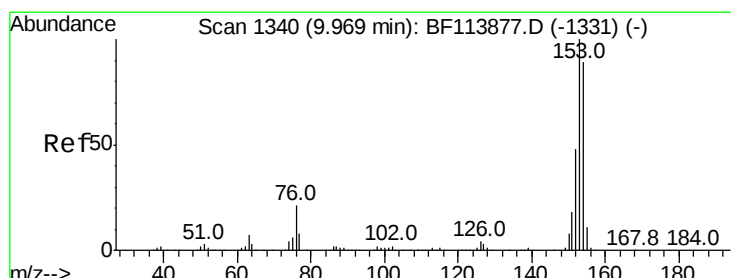
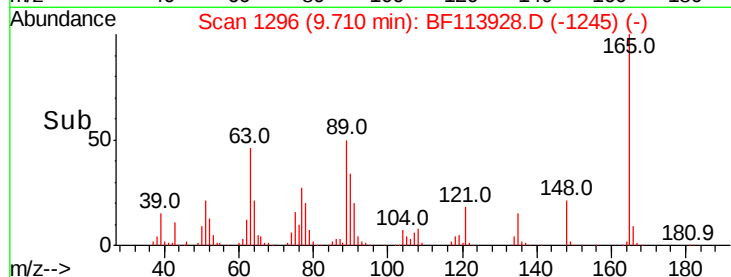
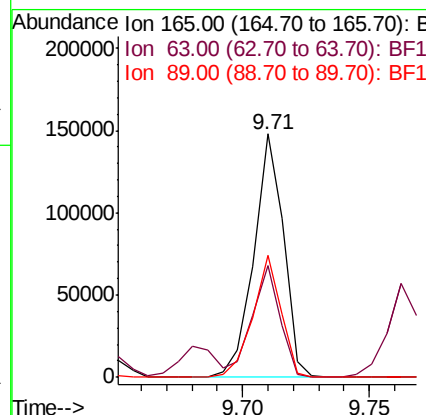
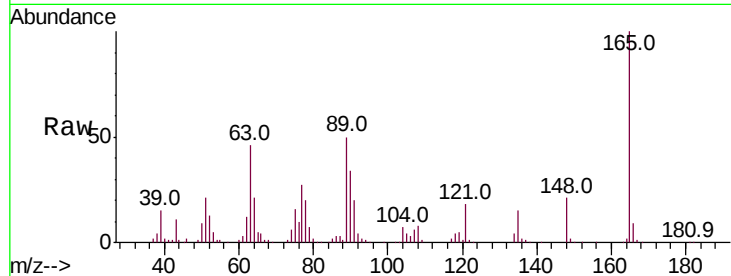
#51
2,6-Dinitrotoluene
Concen: 40.160 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	120730		
63	45.9	33.8	50.8	
89	49.9	38.2	57.2	

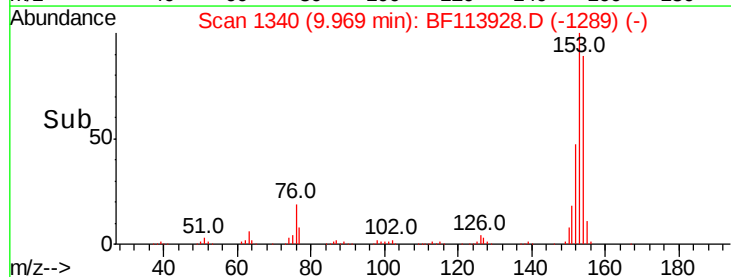
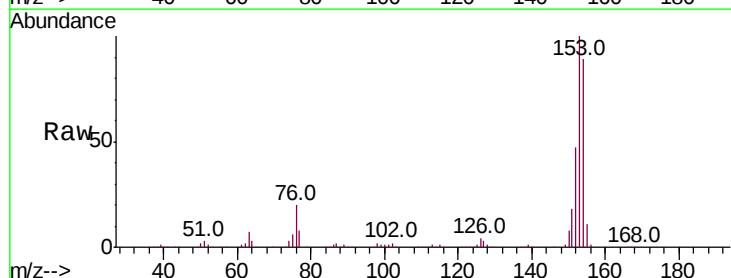
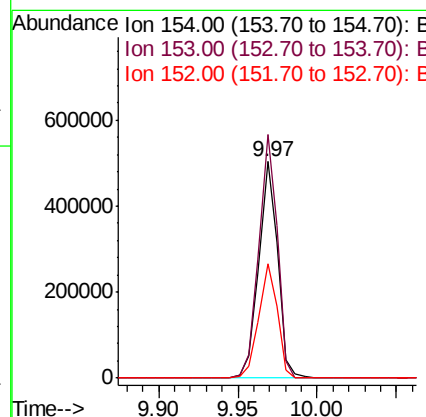
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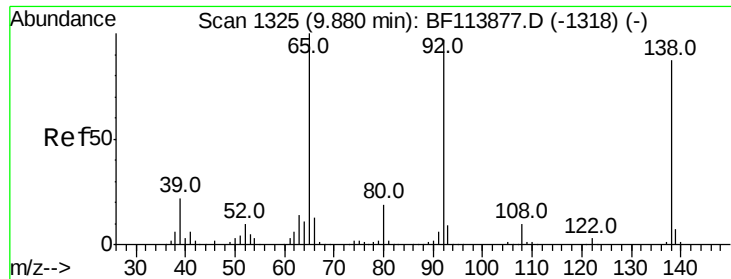
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#52
Acenaphthene
Concen: 37.406 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	416570		
153	112.4	87.2	130.8	
152	52.7	42.3	63.5	





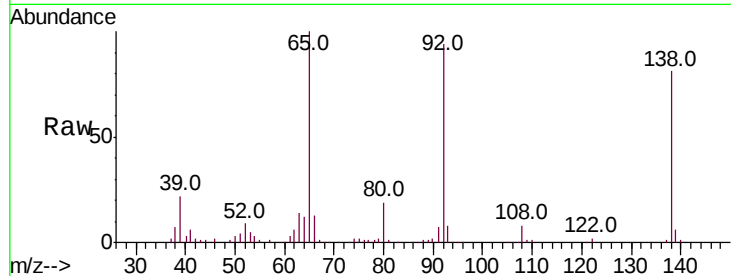
#53
3-Nitroaniline
Concen: 30.643 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

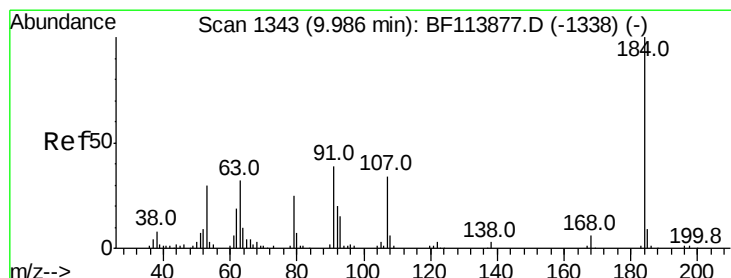
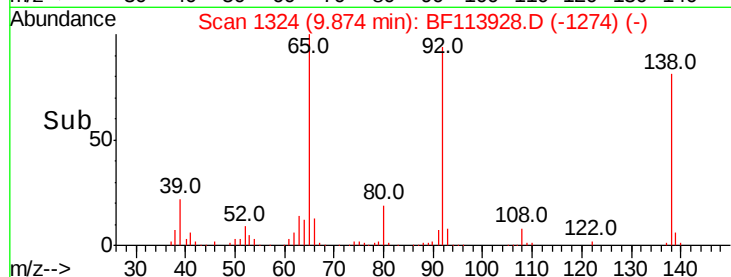
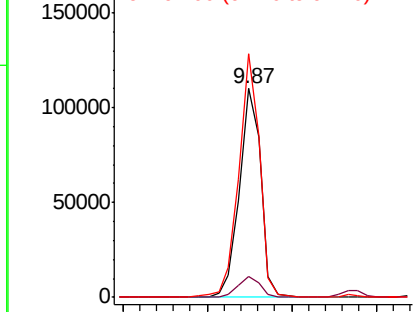
Tot Ion:138 Resp: 96801
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.2
92 116.7 94.1 141.1

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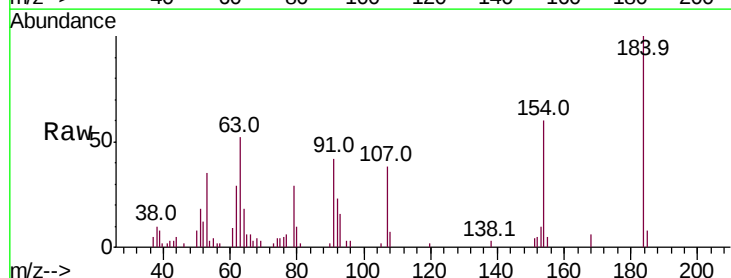


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

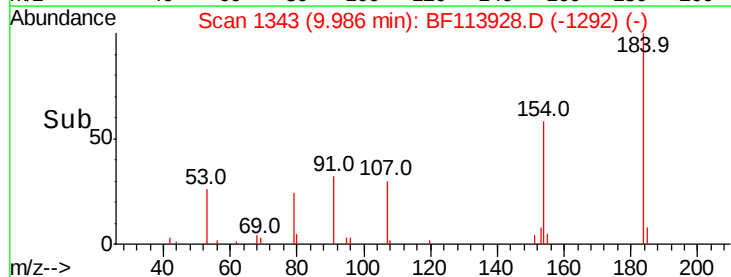
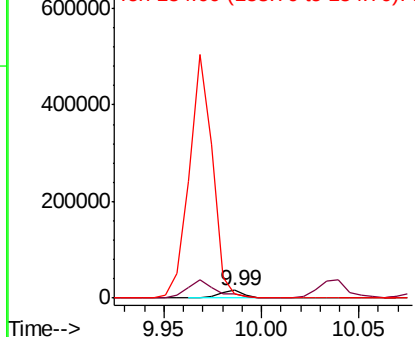


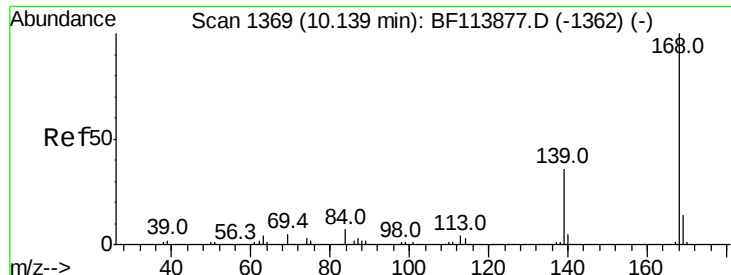
#54
2,4-Dinitrophenol
Concen: 17.953 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:184 Resp: 13985
Ion Ratio Lower Upper
184 100
63 51.9 54.6 81.8#
154 60.4 218.6 328.0#



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





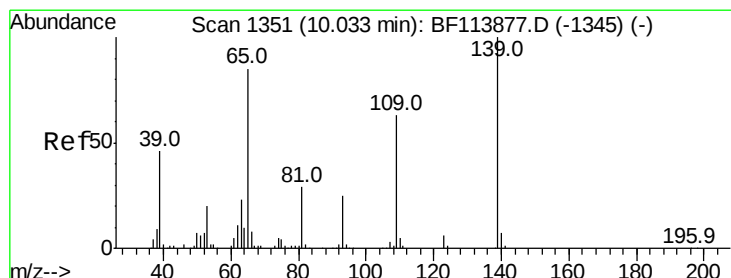
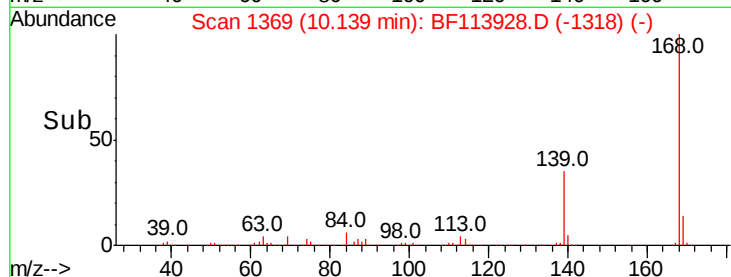
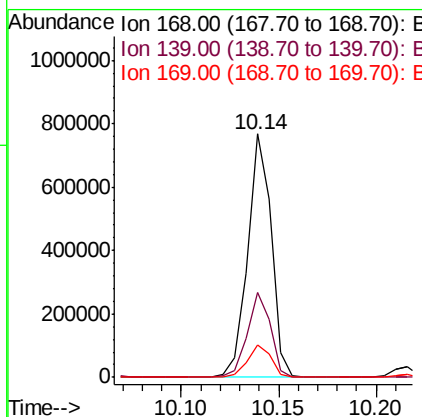
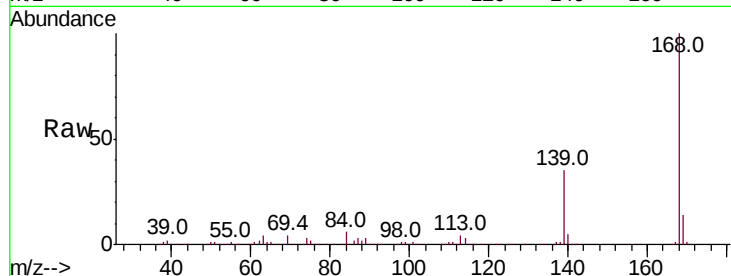
#55
Dibenzenofuran
Concen: 38.393 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	27.8	41.6
169	13.5	11.0	16.6

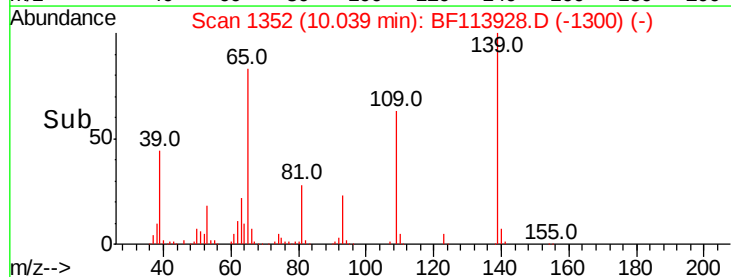
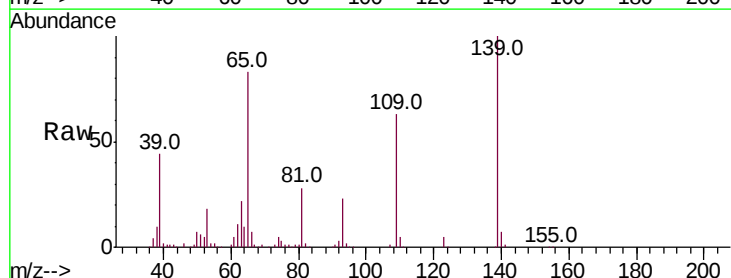
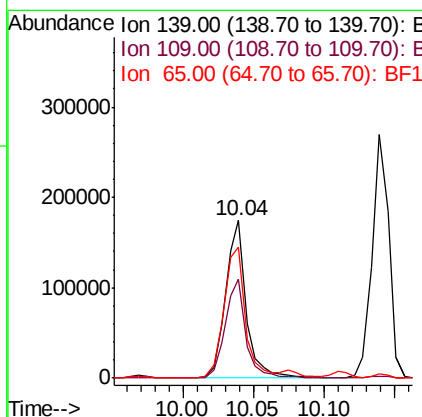
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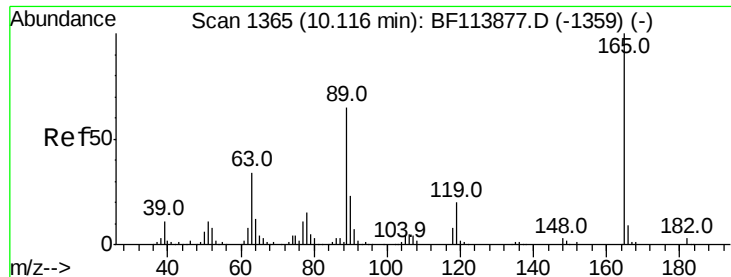
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#56
4-Nitrophenol
Concen: 70.775 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	42.9	82.9
65	82.8	64.4	104.4





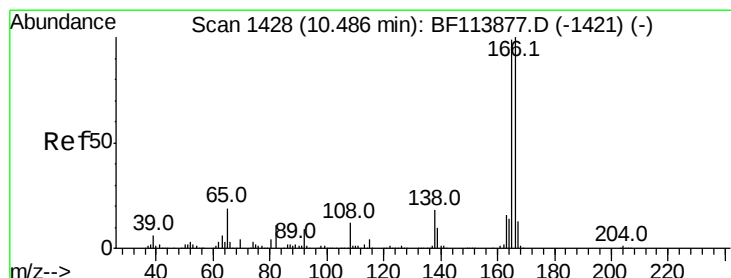
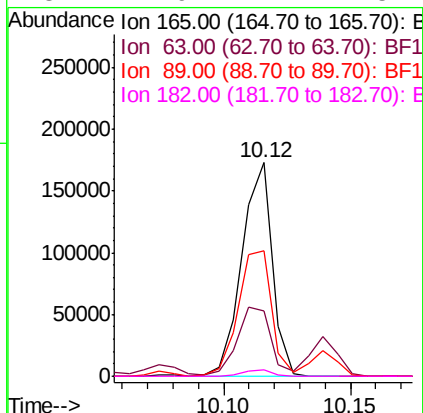
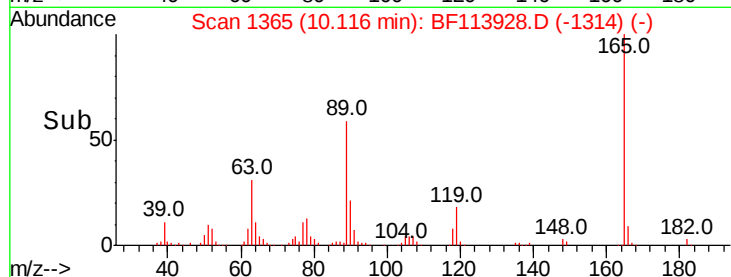
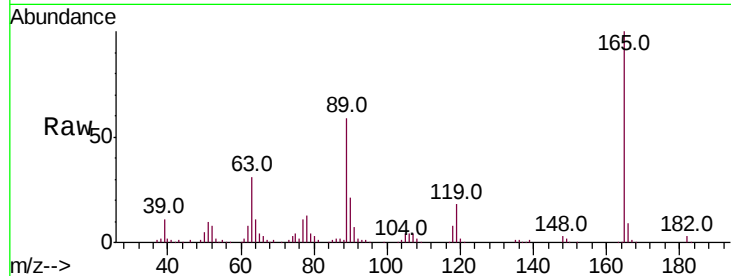
#57
2,4-Dinitrotoluene
Concen: 37.986 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	144138		
63	30.8	27.4	41.0	
89	58.6	51.8	77.6	
182	2.9	2.2	3.2	

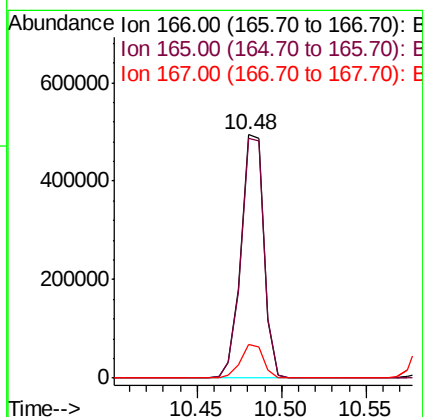
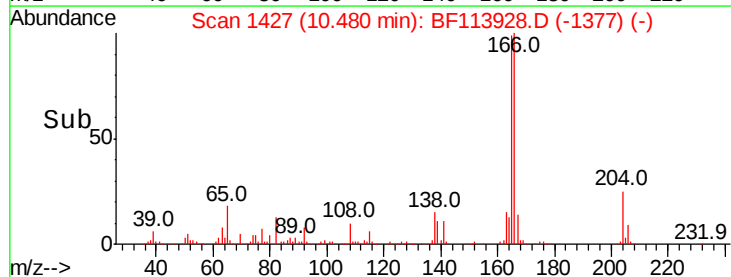
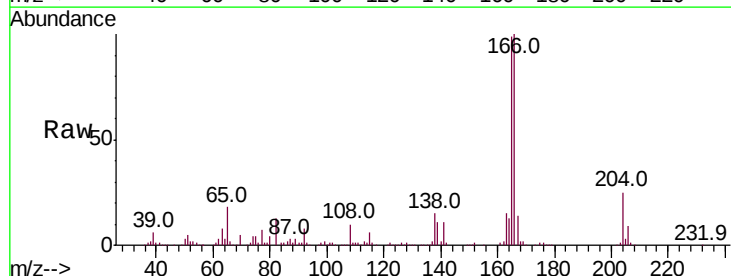
Manual Integrations
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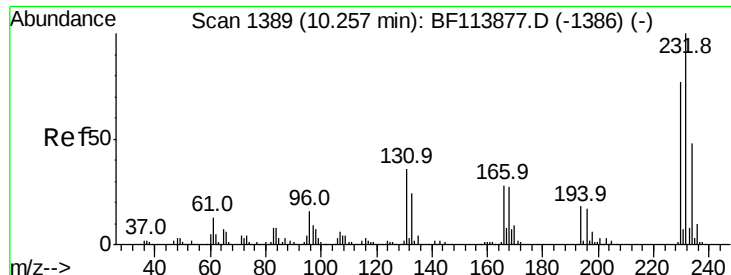
Sohil
4/24/2019 11:51:30 AM



#58
Fluorene
Concen: 37.243 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	467738		
165	98.7	78.4	117.6	
167	13.7	10.9	16.3	





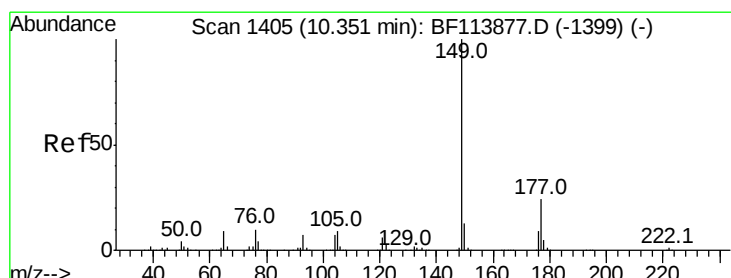
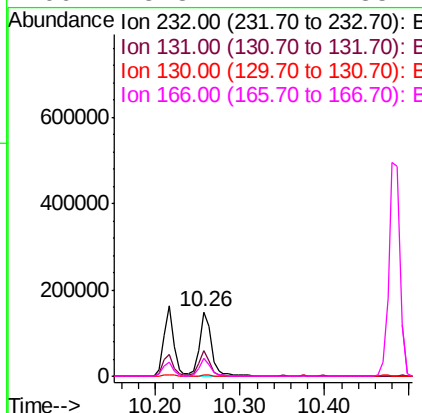
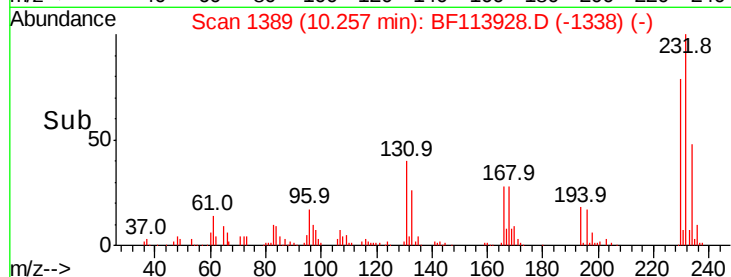
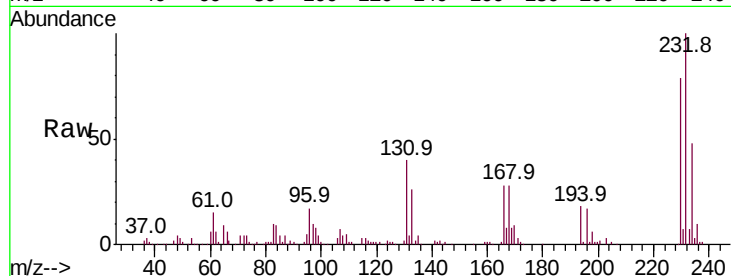
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.302 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	146944		
131	36.0		30.2	45.2
130	1.6		1.5	2.3
166	25.8		22.2	33.4

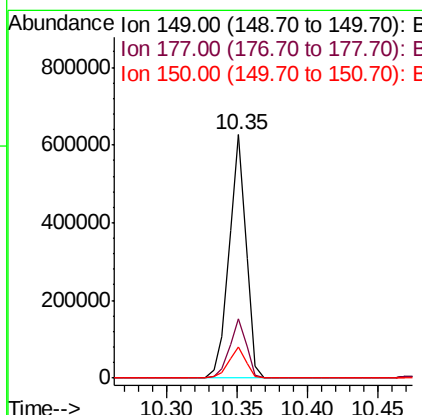
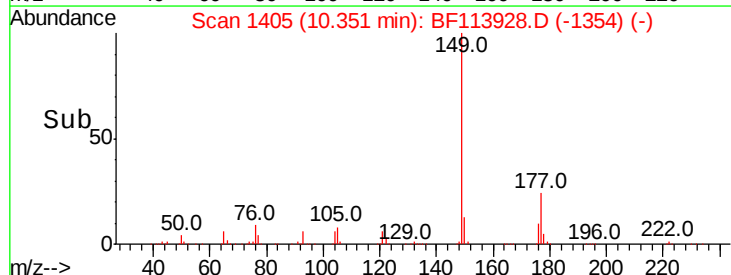
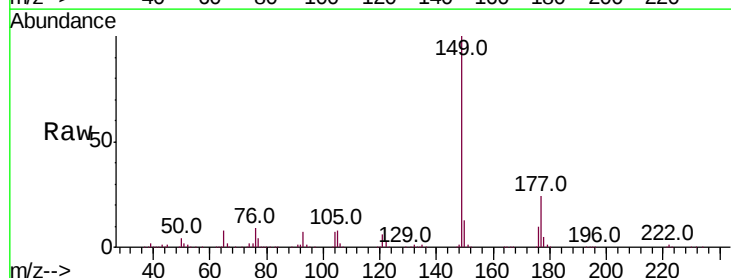
Manual Integrations
 APPROVED

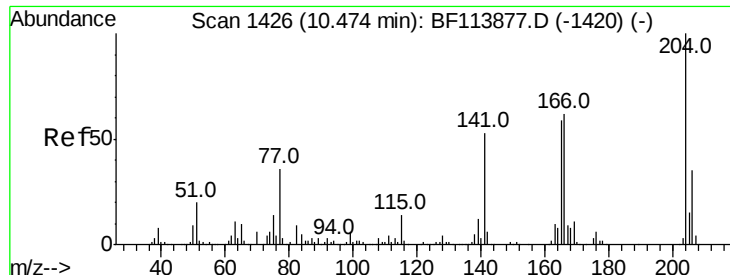
Sohil
 4/24/2019 11:51:30 AM



#60
 Diethylphthalate
 Concen: 39.336 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	523429		
177	24.3		19.2	28.8
150	12.6		10.3	15.5





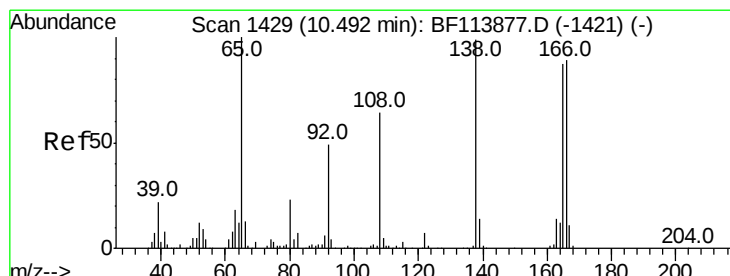
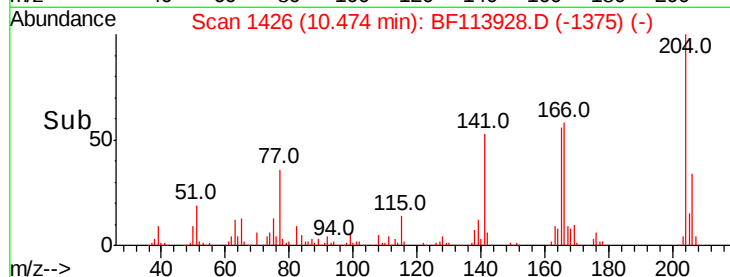
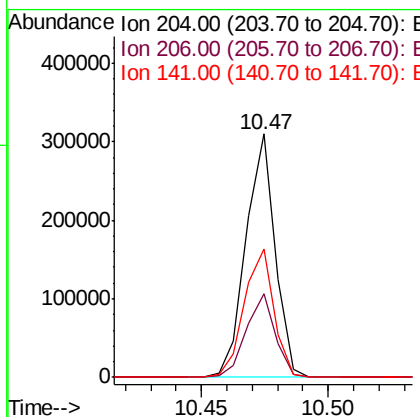
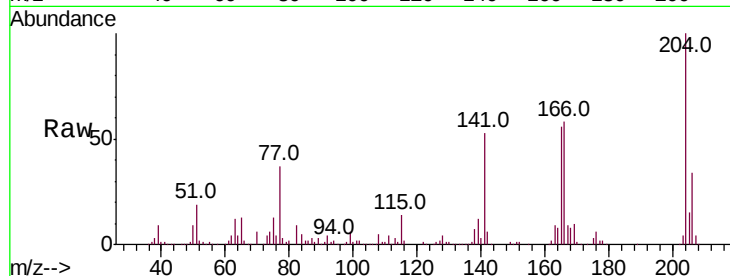
#61
4-Chlorophenyl-phenylether
Concen: 37.222 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	52.9	42.6	63.8

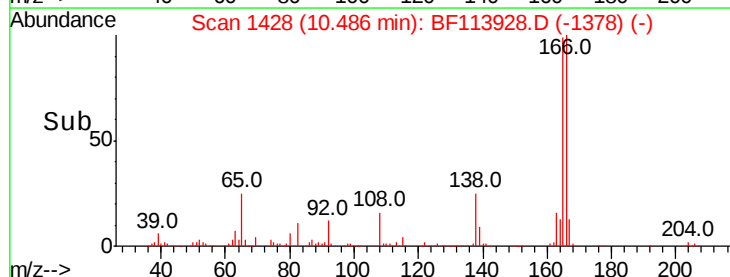
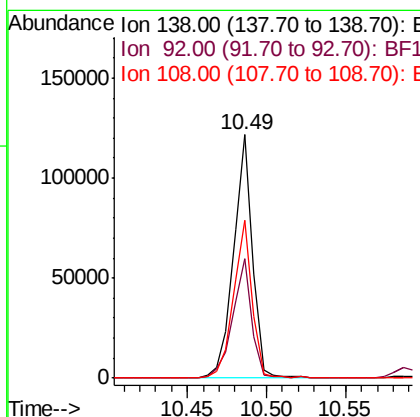
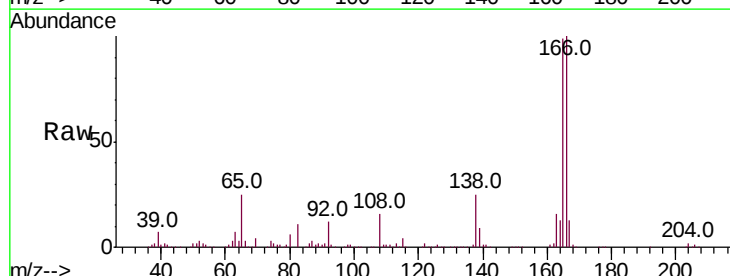
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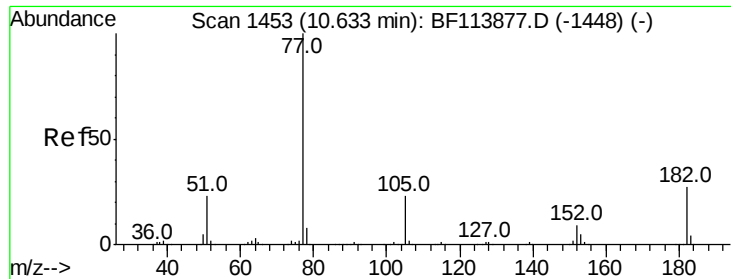
Sohil
4/24/2019 11:51:30 AM



#62
4-Nitroaniline
Concen: 32.803 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.3	71.3
108	64.8	48.9	88.9





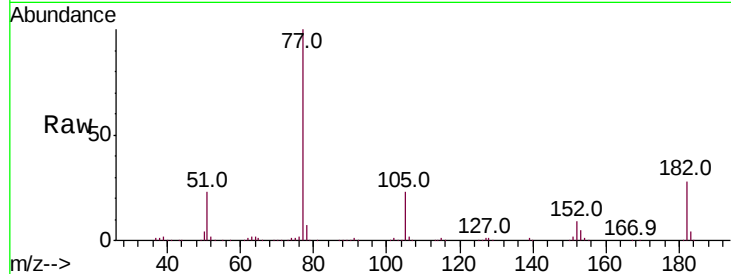
#63
Azobenzene
Concen: 35.195 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

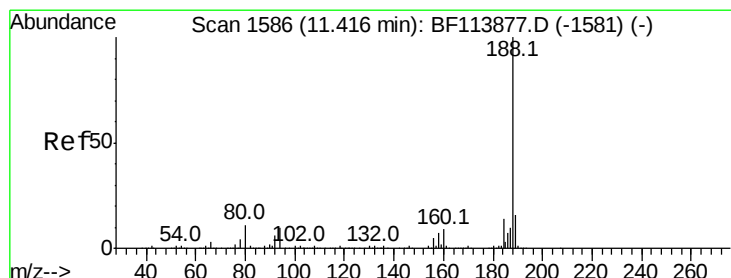
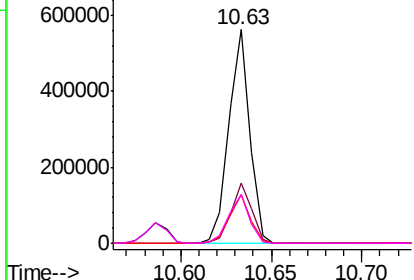
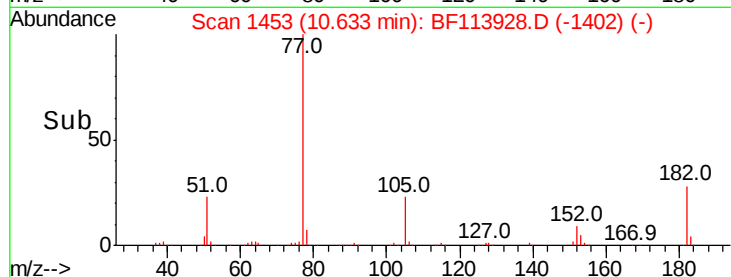
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.1	4.4	44.4	
105	22.9	2.2	42.2	
51	22.7	3.9	43.9	

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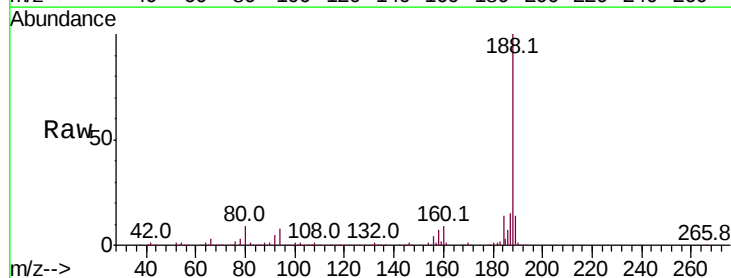


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

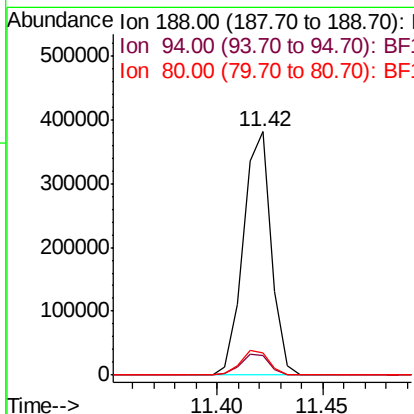
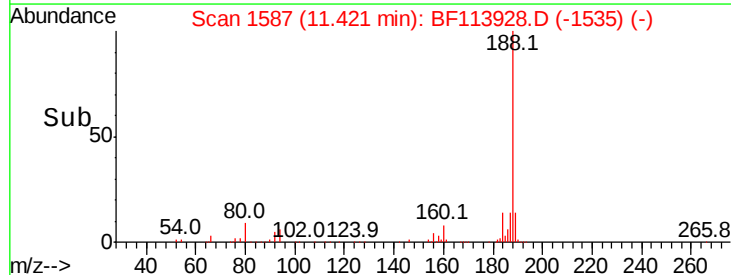


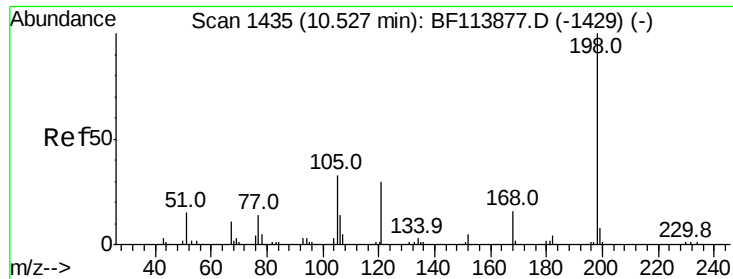
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	8.2	12.4#	
80	8.9	9.0	13.6#	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 15.291 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

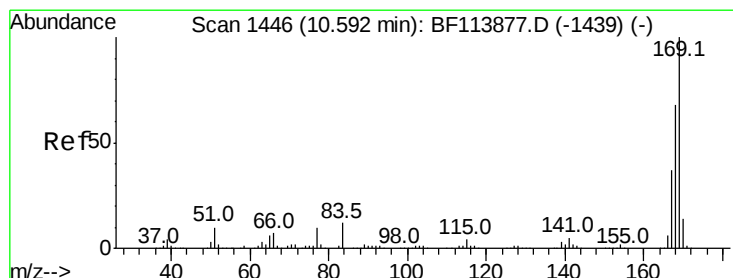
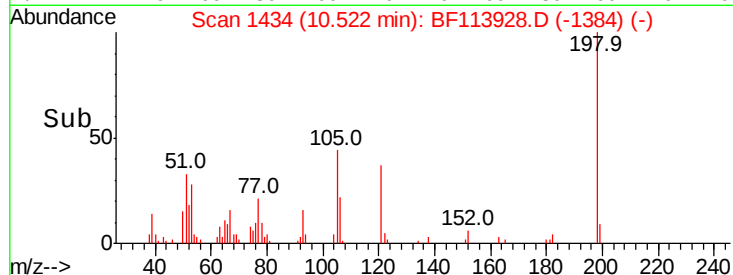
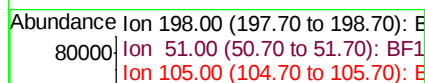
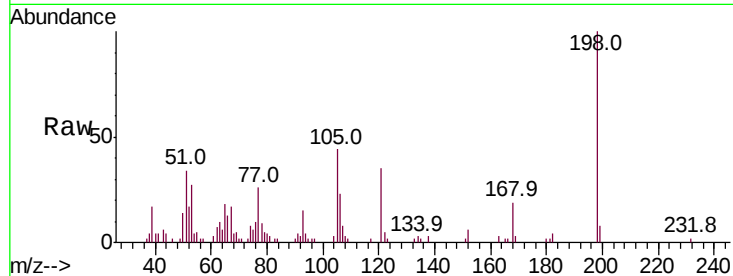
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:198	Resp:	15097
Ion Ratio	Lower	Upper
198 100		
51 33.6	11.1	51.1
105 44.5	20.7	60.7

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#66

n-Nitrosodiphenylamine

Concen: 40.290 ng

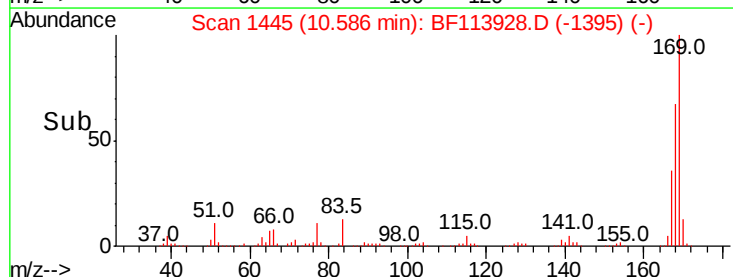
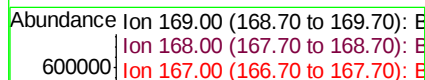
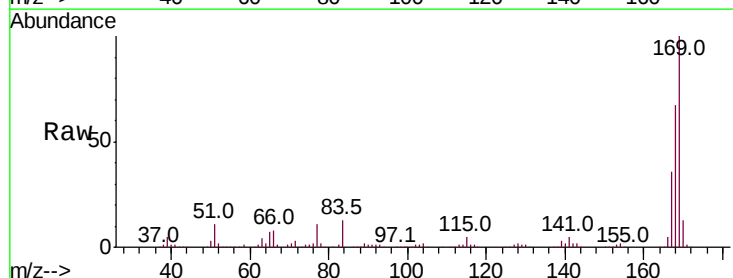
RT: 10.59 min Scan# 1445

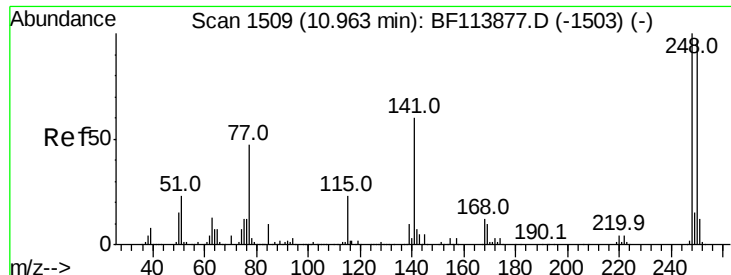
Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:169	Resp:	422859
Ion Ratio	Lower	Upper
169 100		
168 66.9	54.3	81.5
167 35.9	29.4	44.0





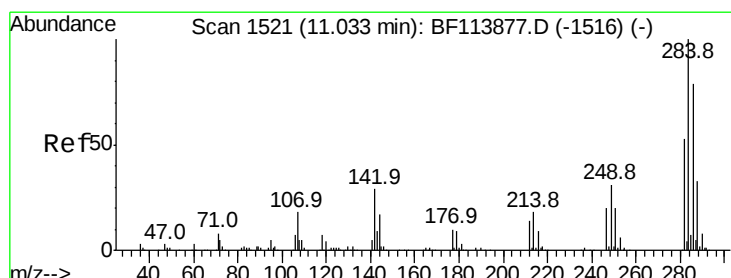
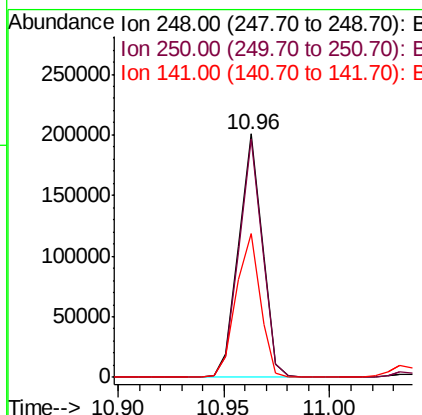
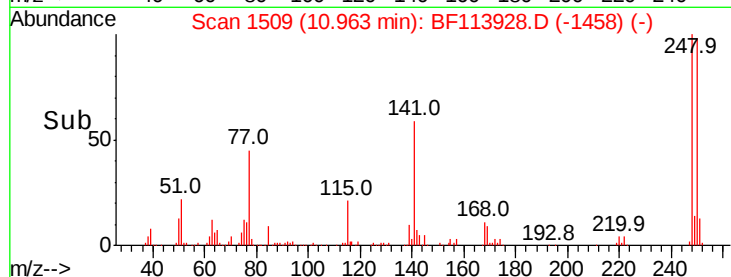
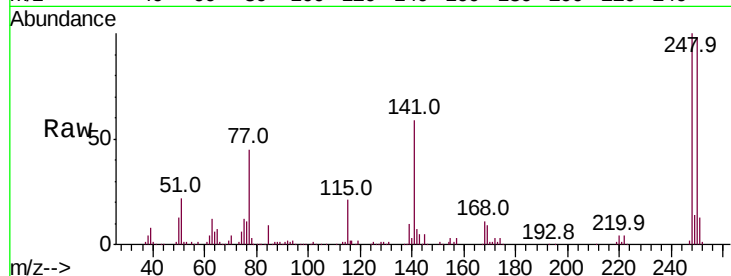
#67
 4-Bromophenyl-phenylether
 Concen: 36.981 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleID :
 SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.8	113.6
141	58.9	50.2	75.4

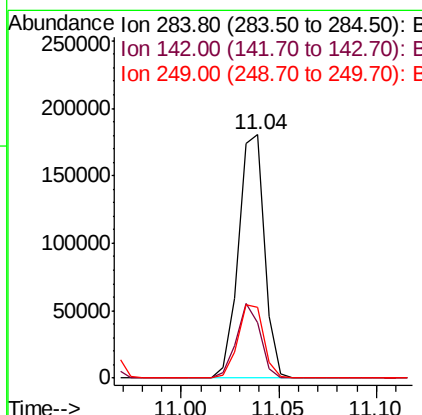
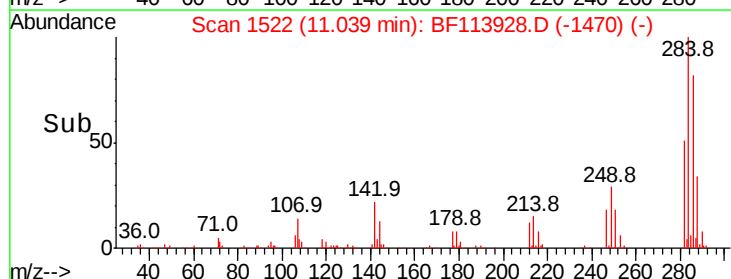
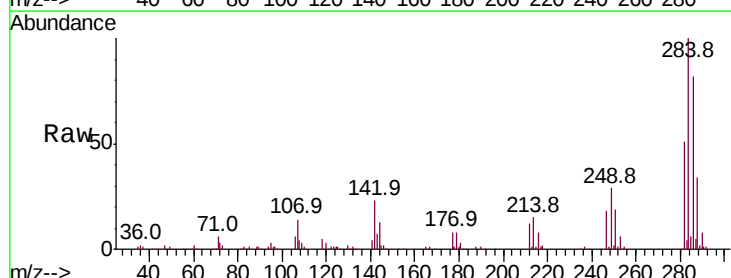
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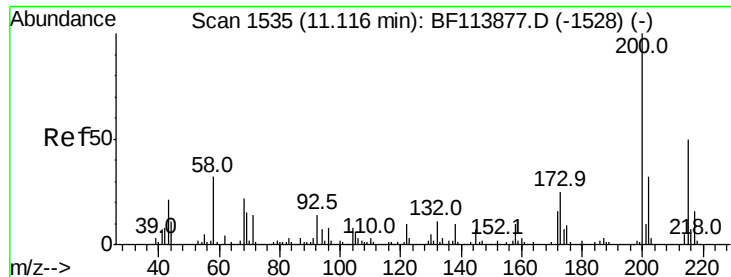
Sohil
 4/24/2019 11:51:30 AM



#68
 Hexachlorobenzene
 Concen: 35.965 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.8	23.0	34.4#
249	29.3	24.4	36.6





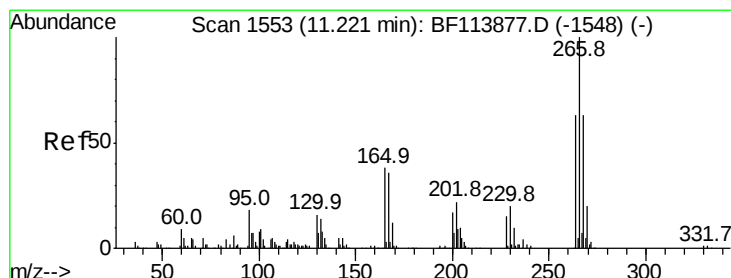
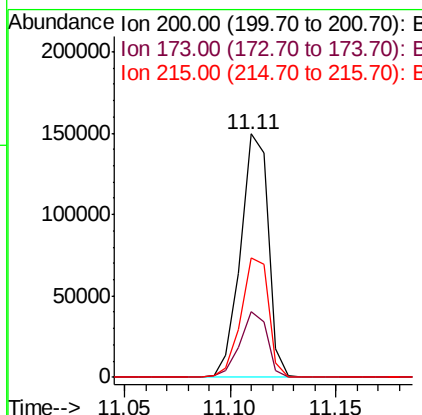
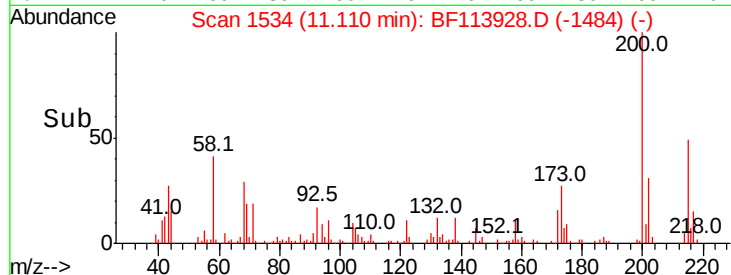
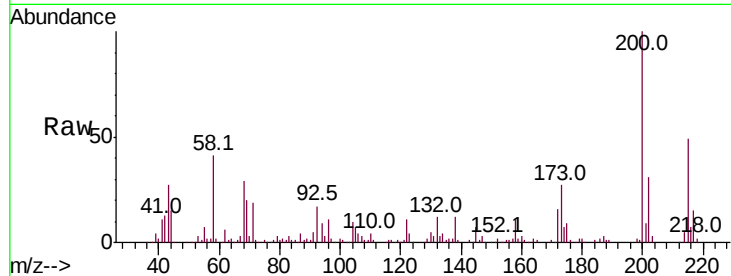
#69
Atrazine
Concen: 39.803 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	5.9	45.9	
215	49.0	29.3	69.3	

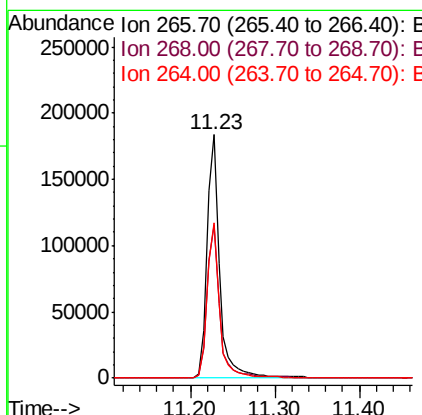
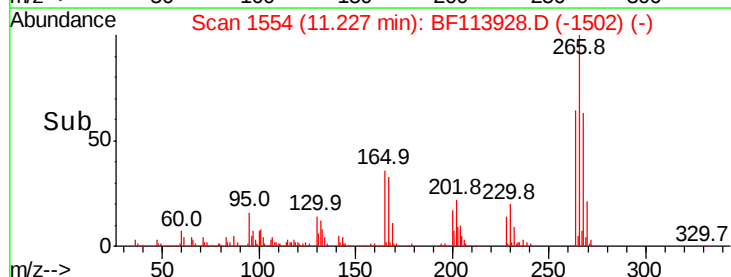
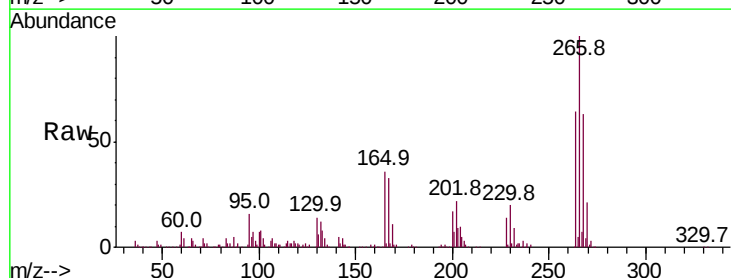
Manual Integrations
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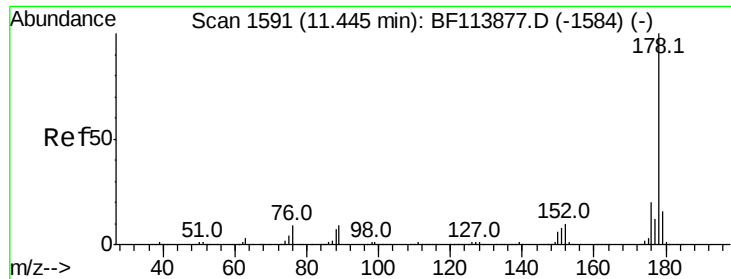
Sohil
4/24/2019 11:51:30 AM



#70
Pentachlorophenol
Concen: 73.355 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.6	53.5	80.3	
264	63.5	51.0	76.6	





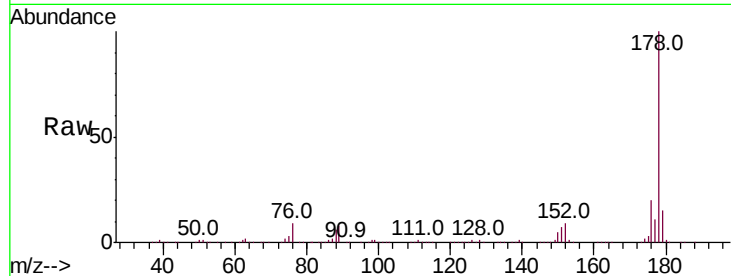
#71
Phenanthrene
Concen: 40.122 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.4	12.8	19.2

Manual Integrations
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Sohil
4/24/2019 11:51:30 AM

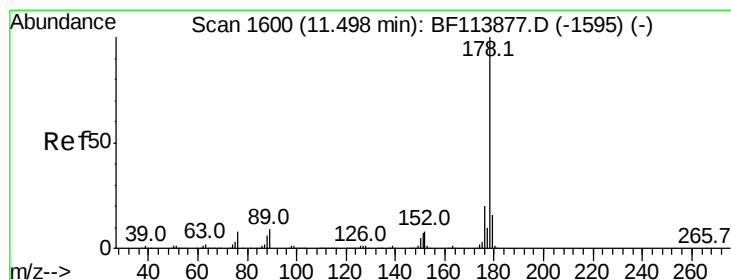
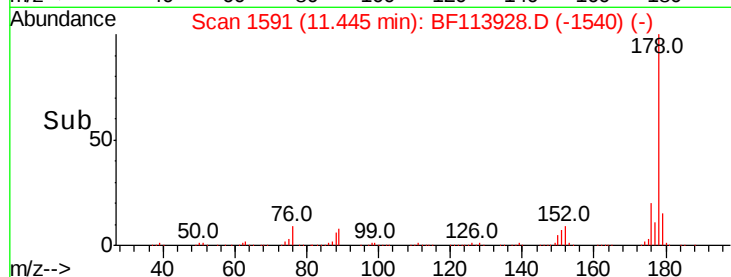
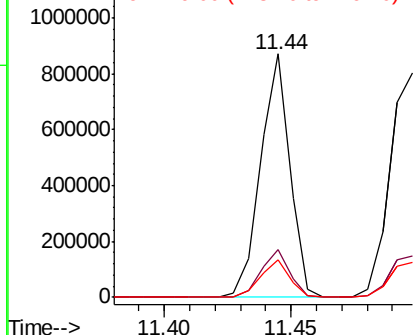


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 39.839 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

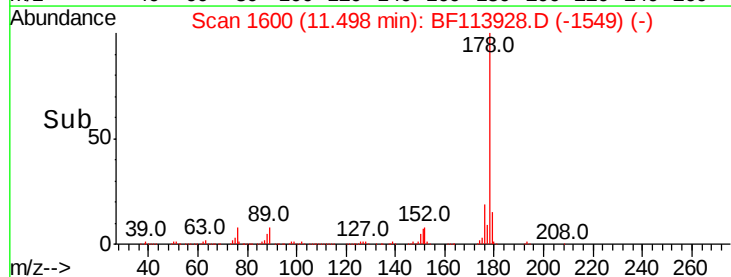
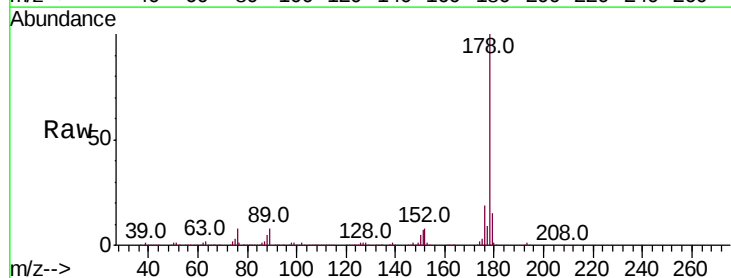
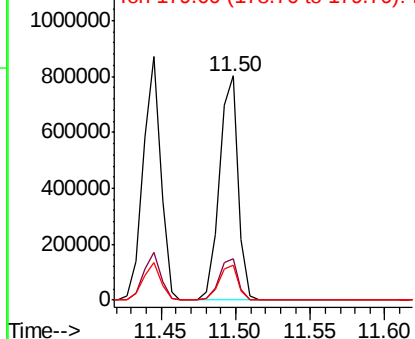
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	15.5	13.0	19.4

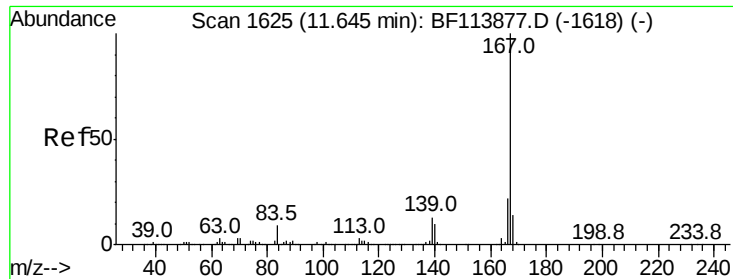
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





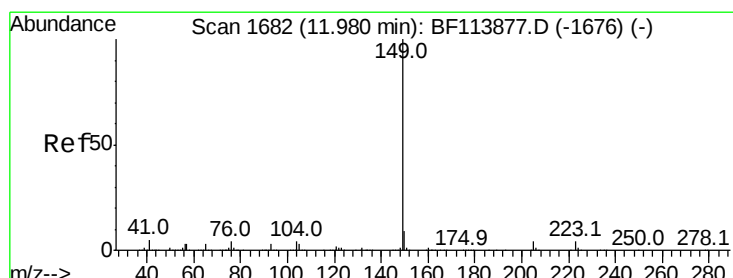
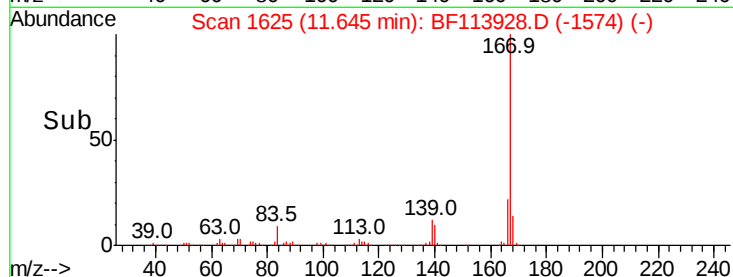
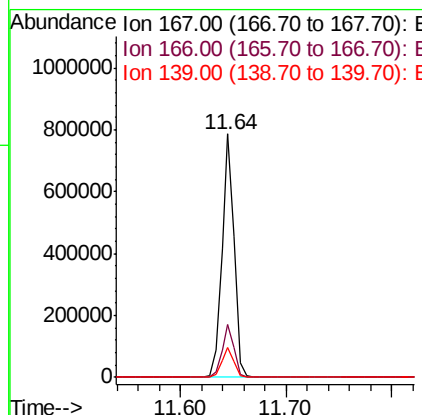
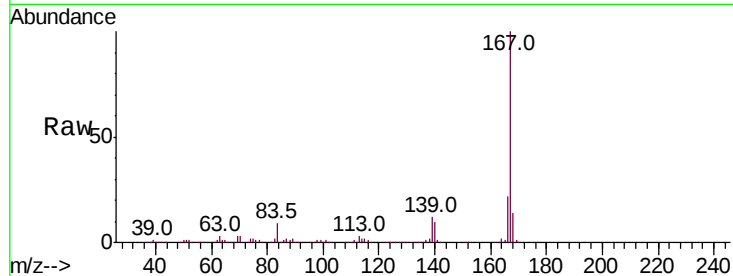
#73
 Carbazole
 Concen: 40.369 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	12.4	10.0	15.0

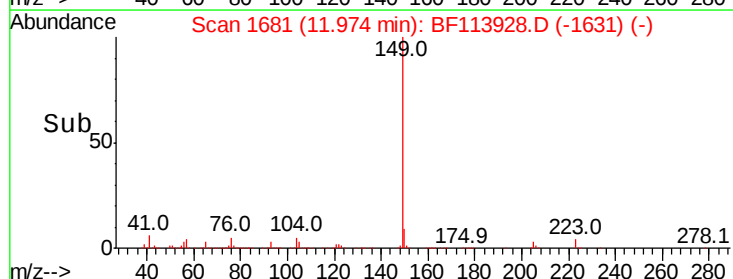
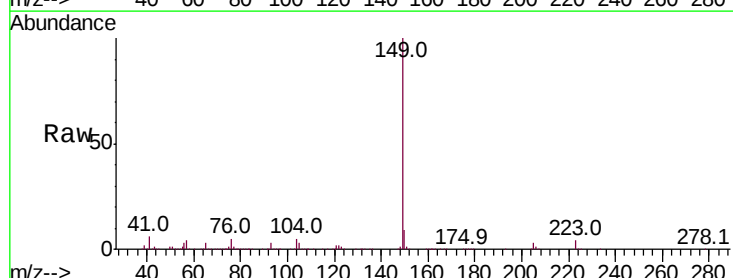
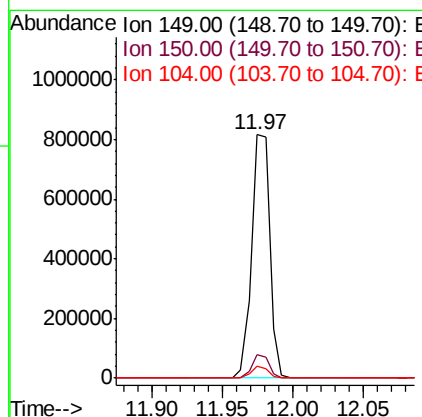
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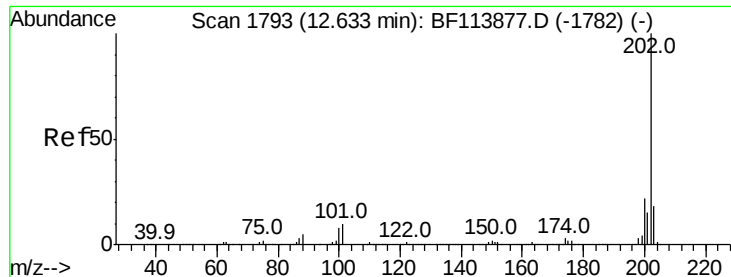
Sohil
 4/24/2019 11:51:30 AM



#74
 Di-n-butylphthalate
 Concen: 39.538 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.8
104	4.7	3.8	5.8





#75

Fluoranthene

Concen: 43.383 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

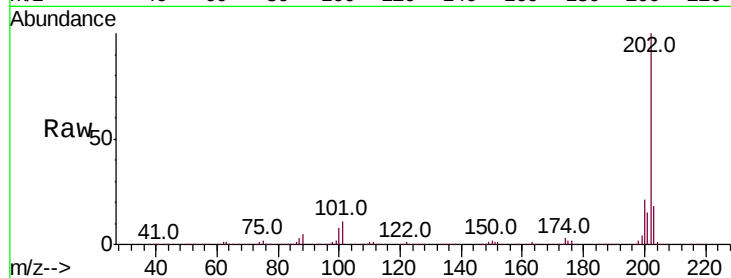
ClientSampleId :

SP-WOODBURYMSD

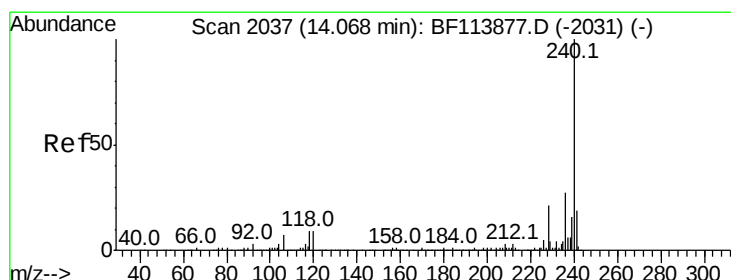
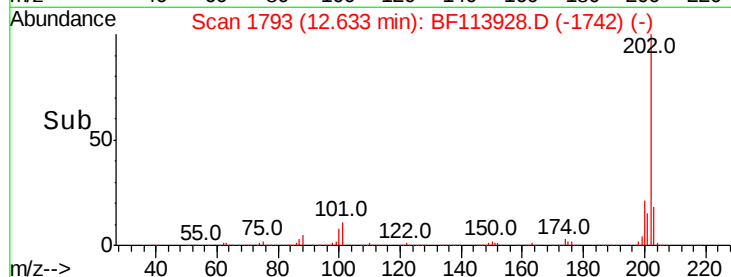
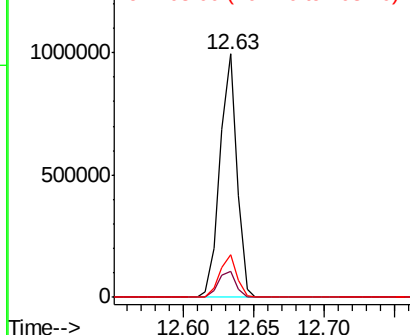
Tot Ion	Ratio	Resp	Lower	Upper
202	100	832031		
101	10.6	0.0	32.9	
203	17.6	0.0	38.2	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

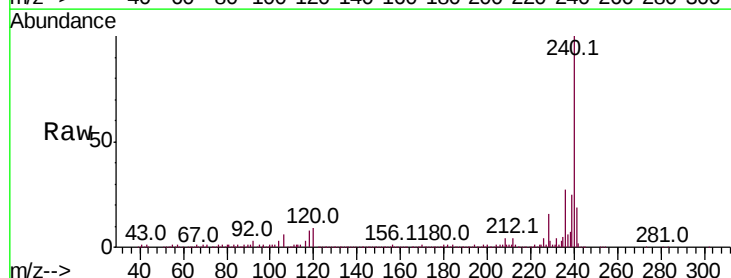
RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

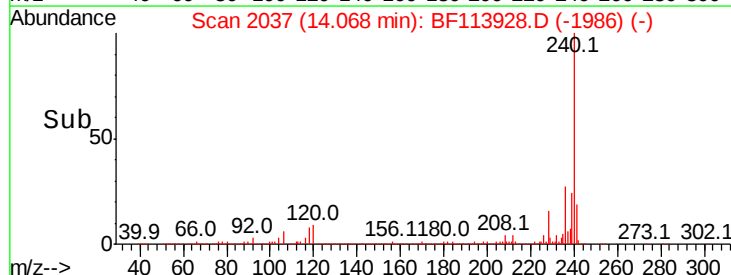
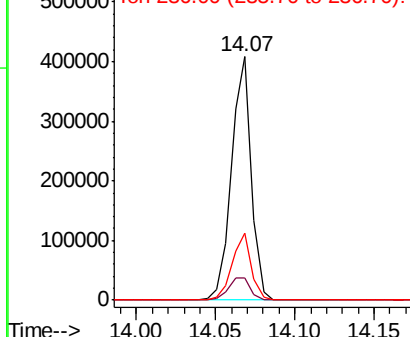
Lab File: BF113928.D

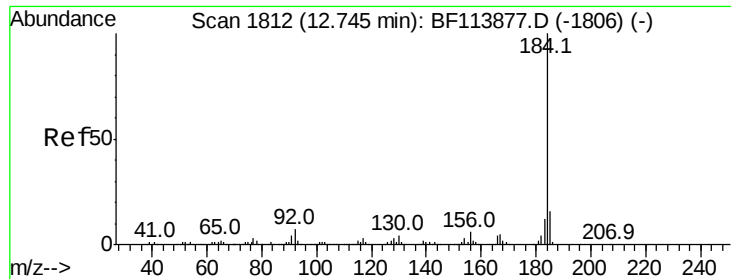
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	350982		
120	8.9	9.3	13.9#	
236	27.5	21.2	31.8	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.857 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMSD

Tot Ion:184 Resp: 542303

Ion Ratio Lower Upper

184 100

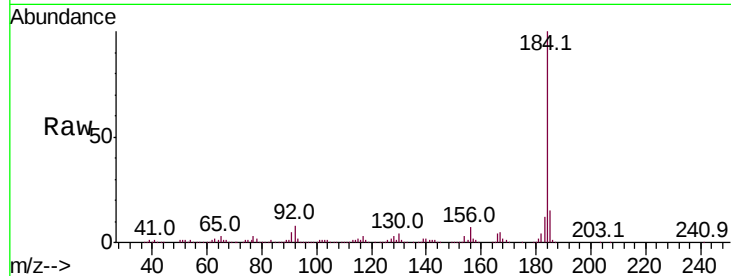
185 14.8 13.0 19.6

183 11.5 9.4 14.0

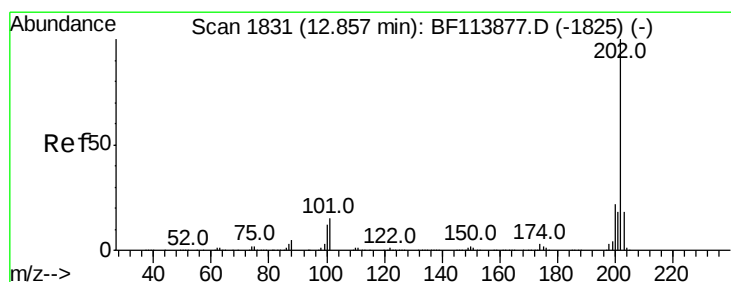
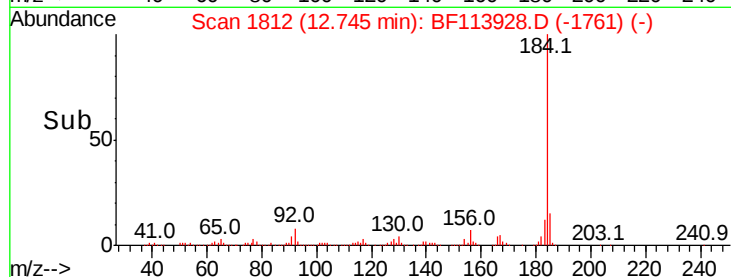
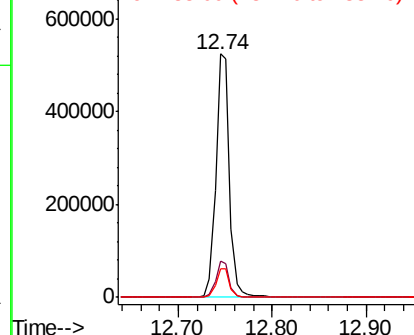
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.407 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

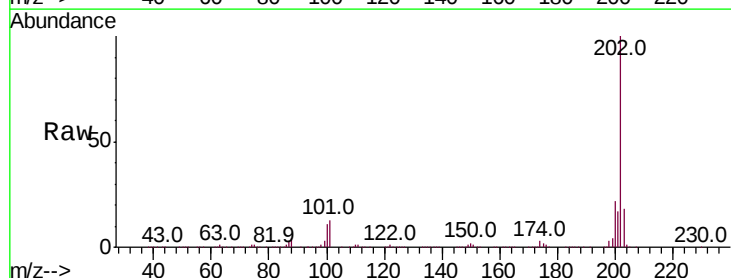
Tgt Ion:202 Resp: 844515

Ion Ratio Lower Upper

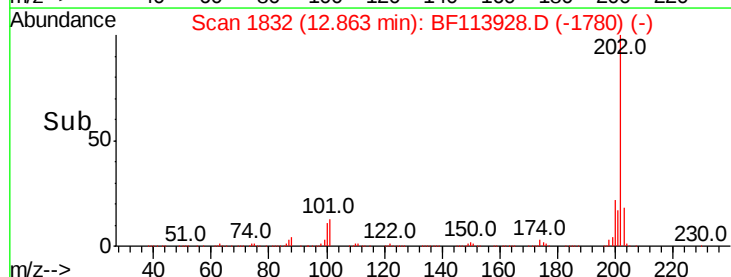
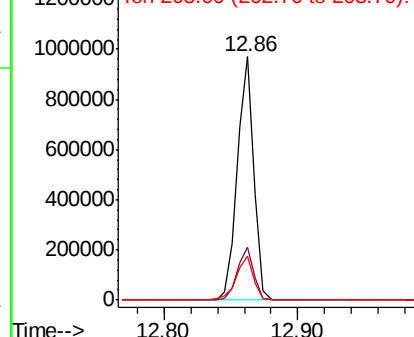
202 100

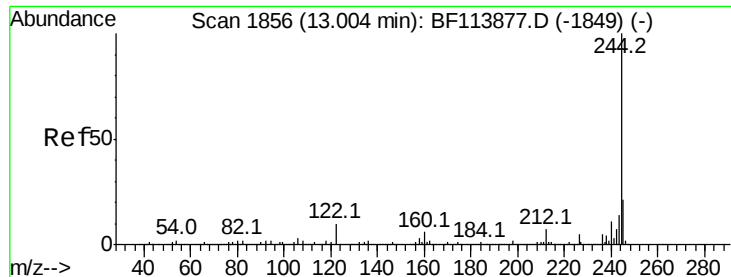
200 21.8 17.7 26.5

203 17.9 15.0 22.6



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





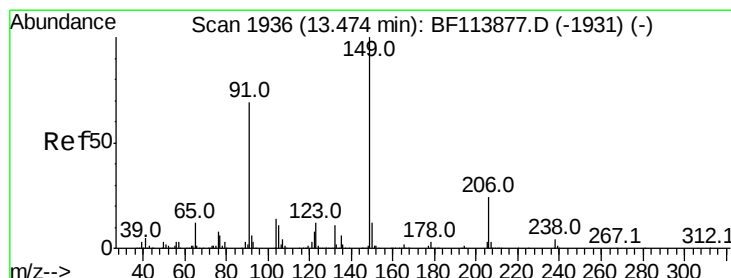
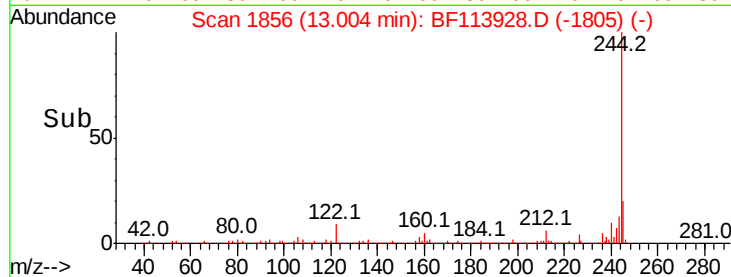
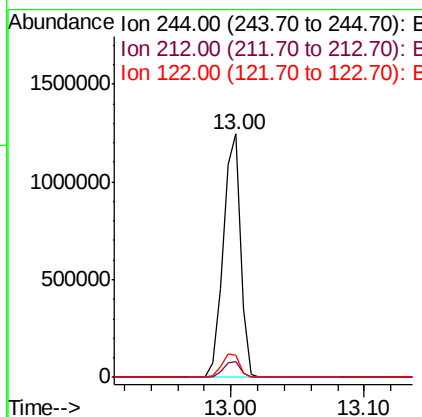
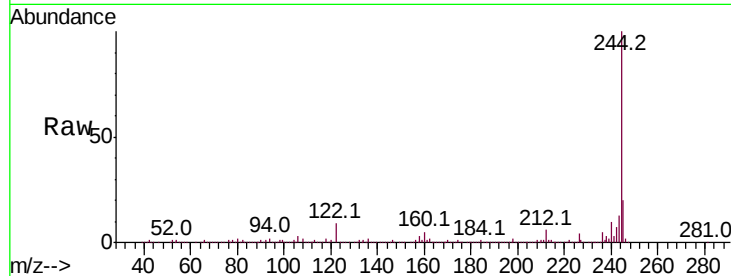
#79
 Terphenyl-d14
 Concen: 66.758 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMSD

Tot Ion:	244	Resp:	1142892
Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	8.9	7.6	11.4

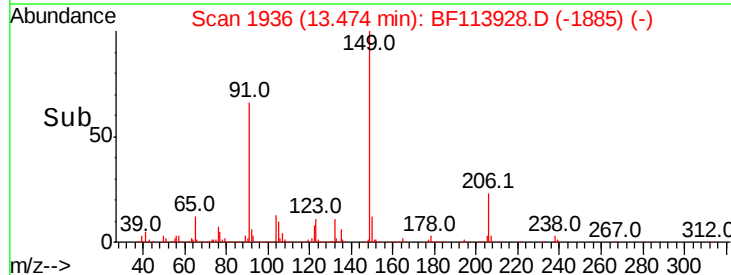
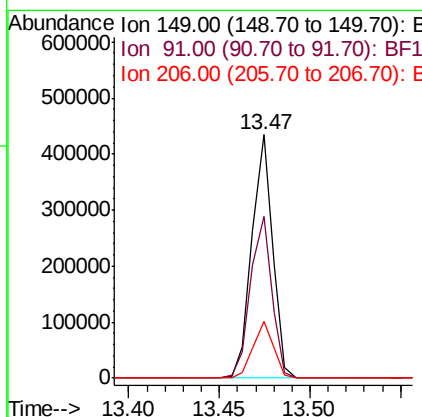
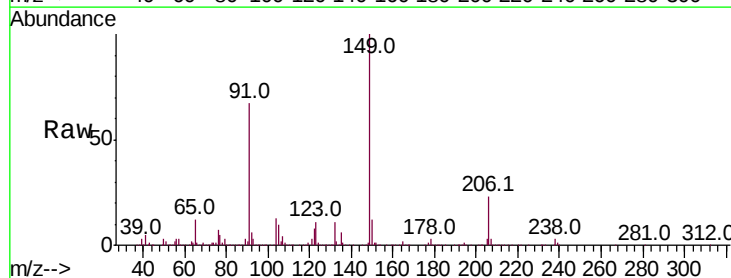
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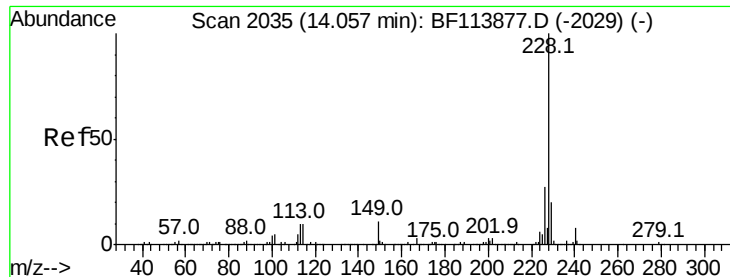
Sohil
 4/24/2019 11:51:30 AM



#80
 Butylbenzylphthalate
 Concen: 35.774 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:	149	Resp:	345475
Ion	Ratio	Lower	Upper
149	100		
91	66.6	56.3	84.5
206	23.2	19.0	28.6





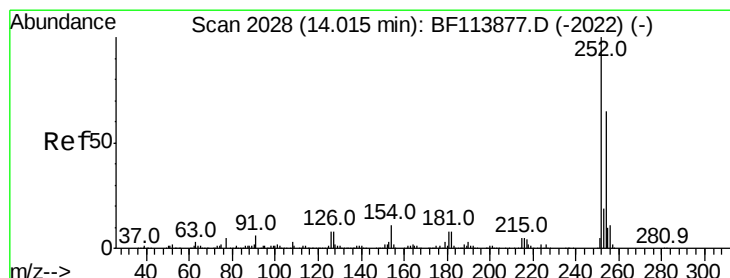
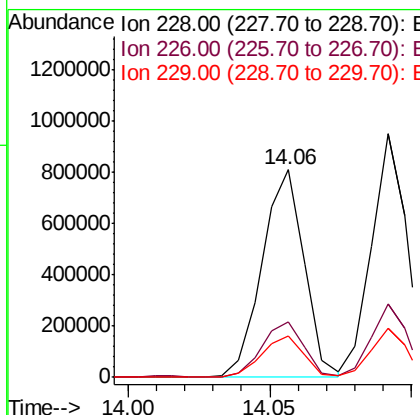
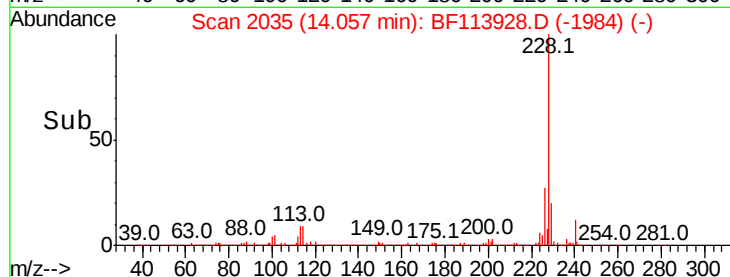
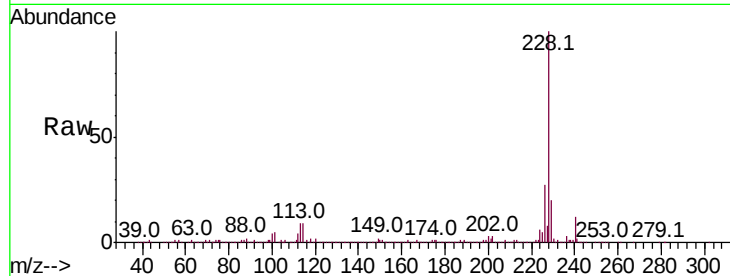
#81
Benzo(a)anthracene
Concen: 40.351 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.2	33.2
229	20.1	16.0	24.0

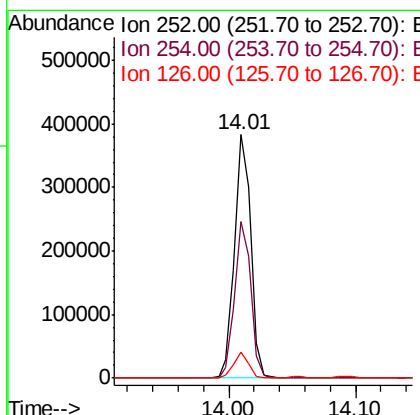
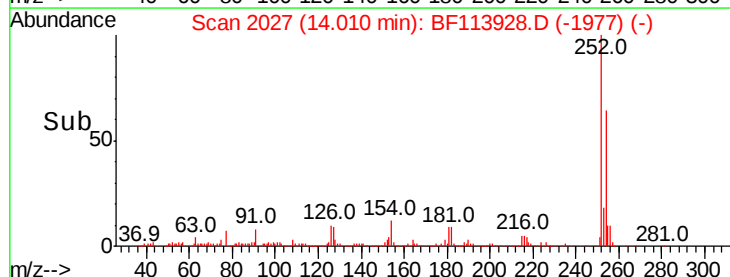
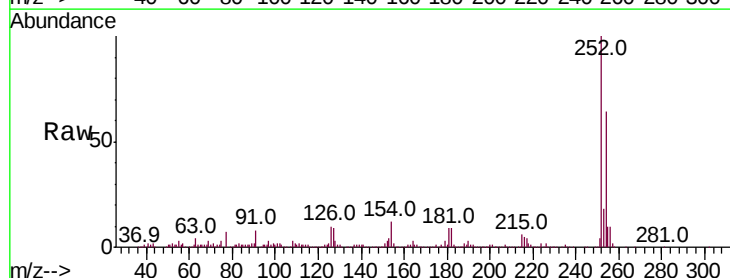
Manual Integrations
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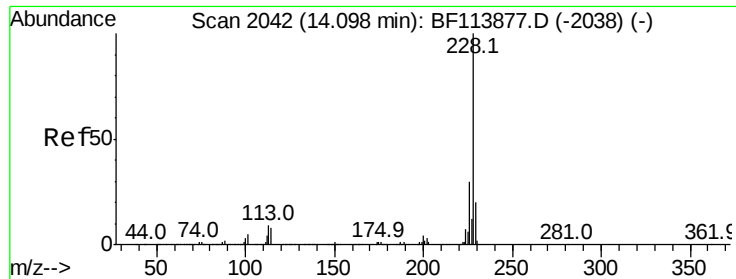
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 44.393 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.1	78.1
126	10.4	9.3	13.9





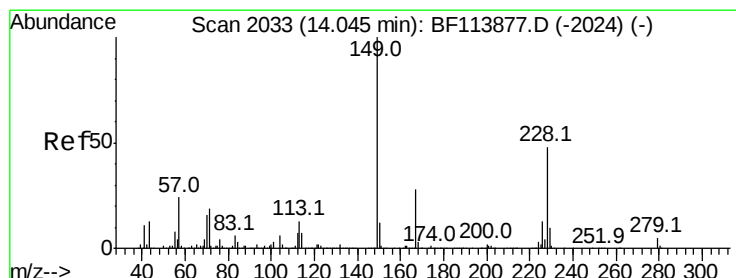
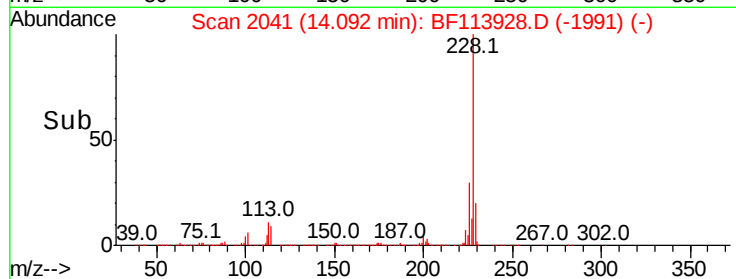
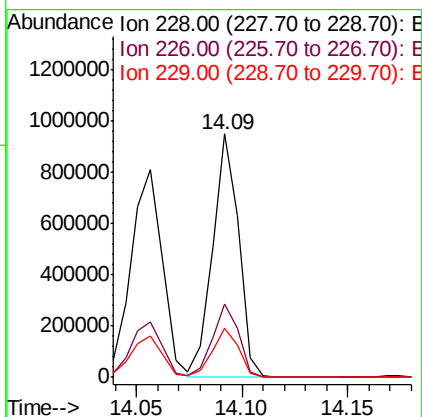
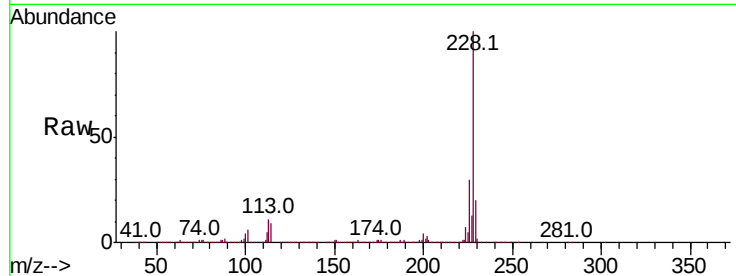
#83
Chrysene
Concen: 40.220 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	20.2	16.7	25.1

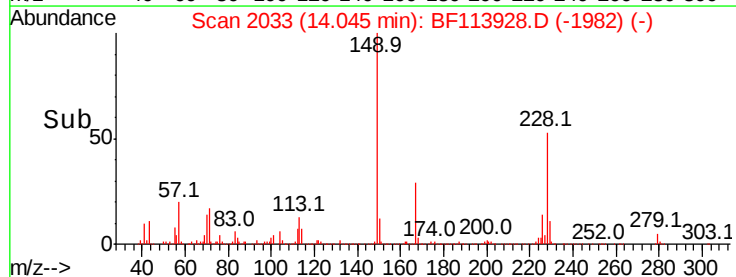
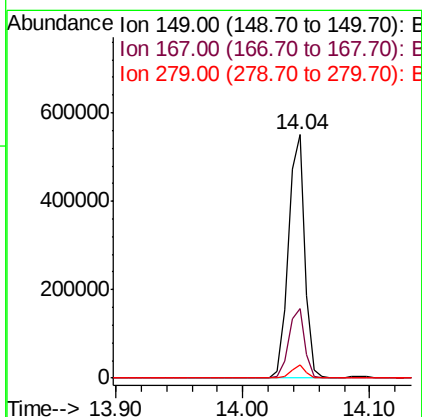
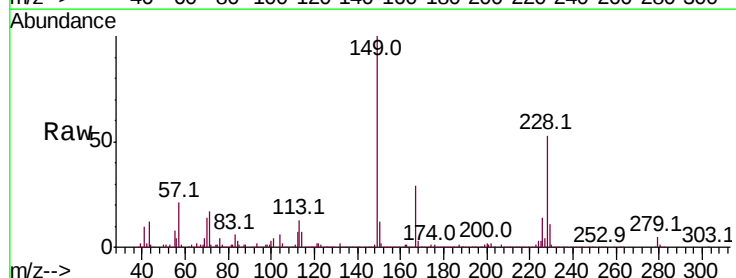
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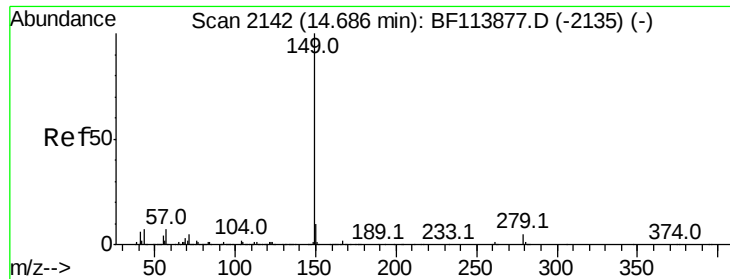
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.275 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.9	34.3
279	5.3	4.2	6.2





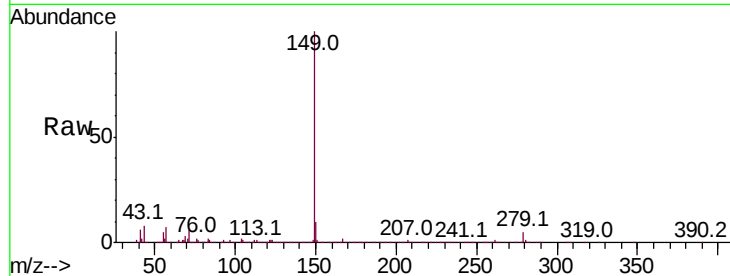
#85
Di-n-octyl phthalate
Concen: 46.409 ng
RT: 14.67 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

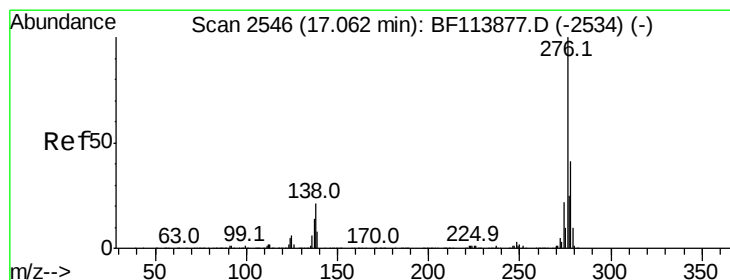
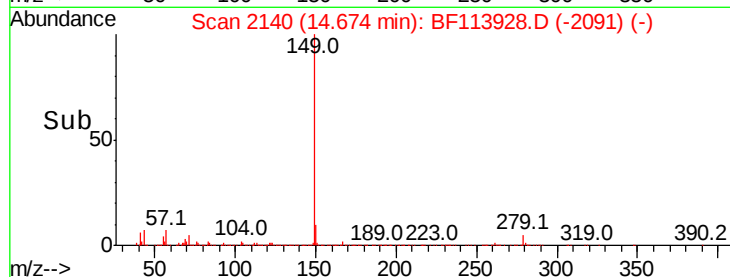
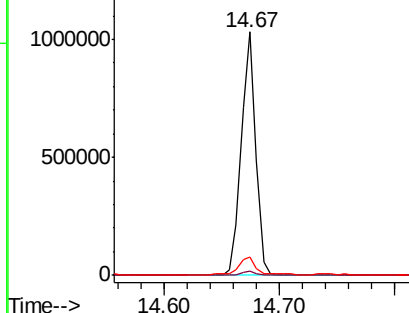
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.3	1.9	
43	8.2	6.6	10.0	

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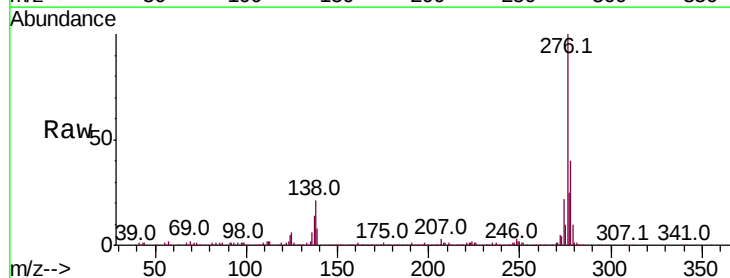


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

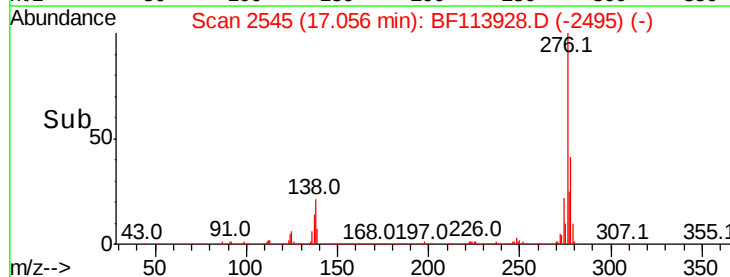
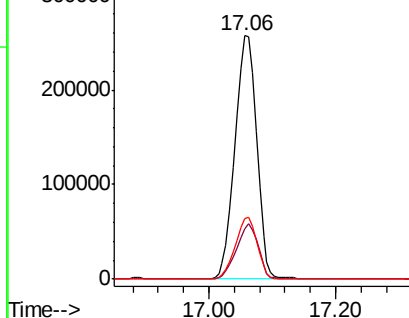


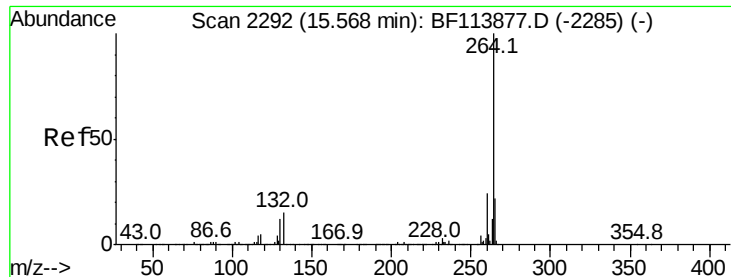
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.838 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	22.8	19.6	29.4	
277	25.0	20.2	30.4	



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

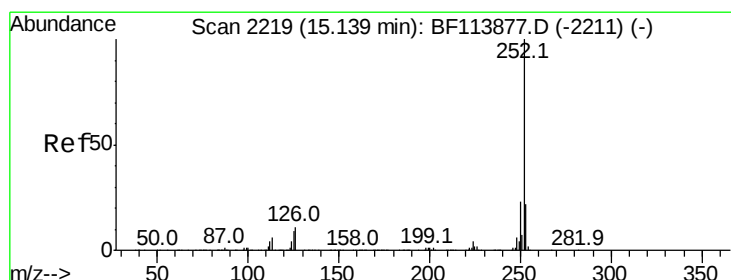
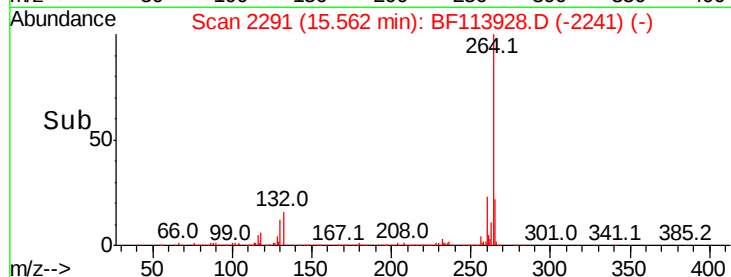
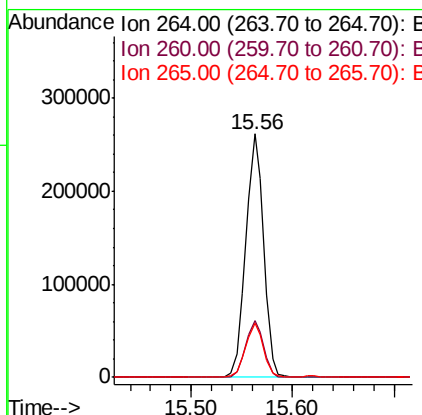
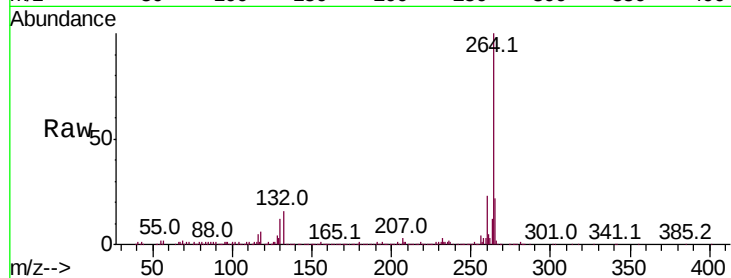
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:	264	Resp:	319609
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	22.2	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 39.947 ng

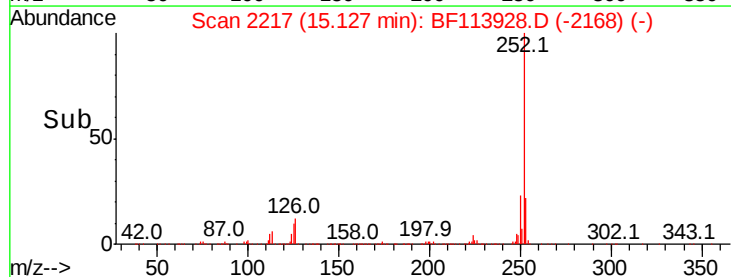
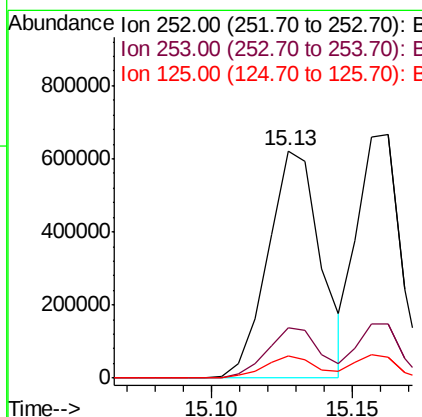
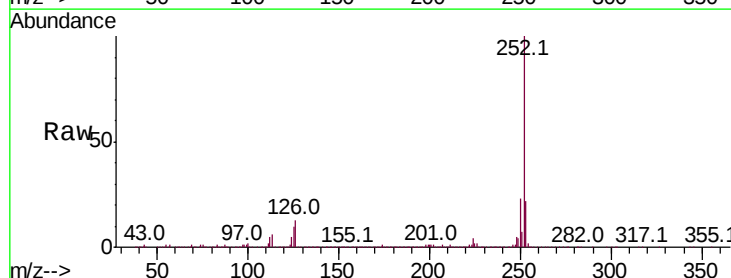
RT: 15.13 min Scan# 2217

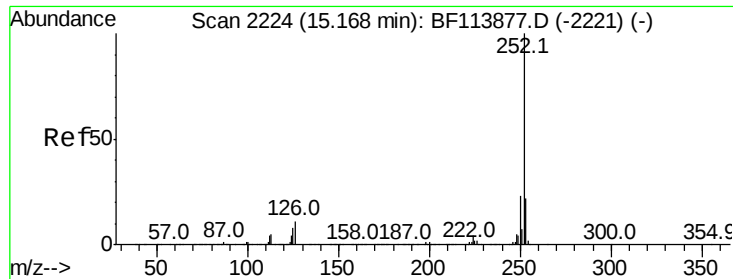
Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:	252	Resp:	807778
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	9.9	7.0	10.6





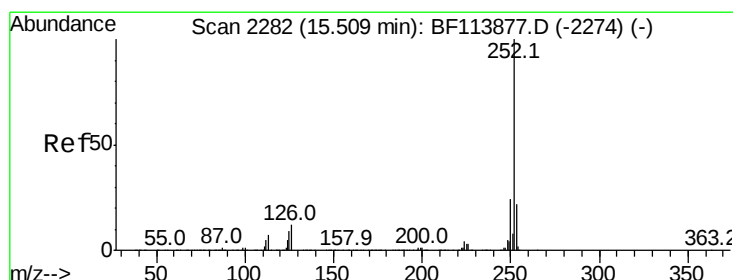
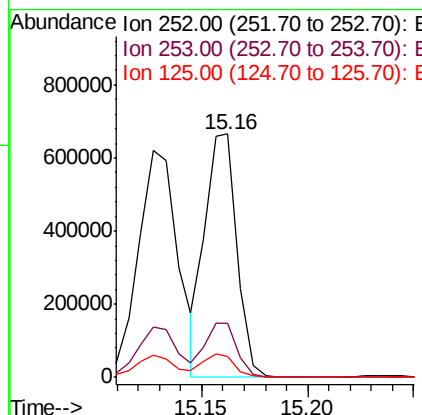
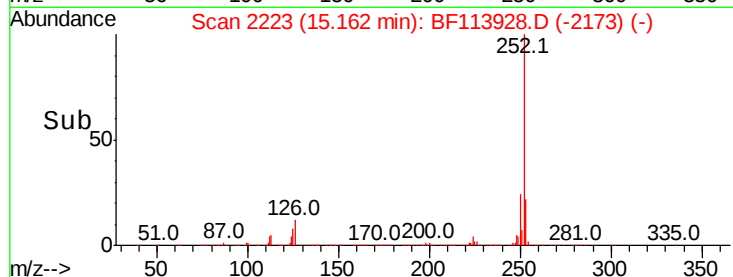
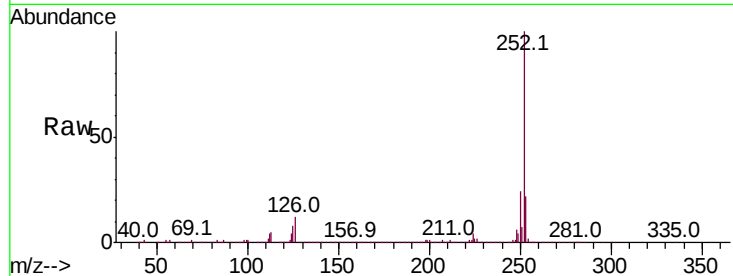
#89
Benzo(k)fluoranthene
Concen: 40.244 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.4	7.4	11.2

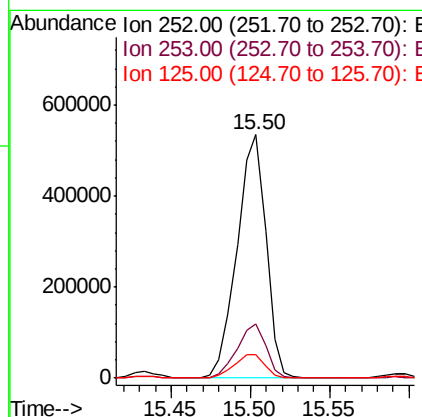
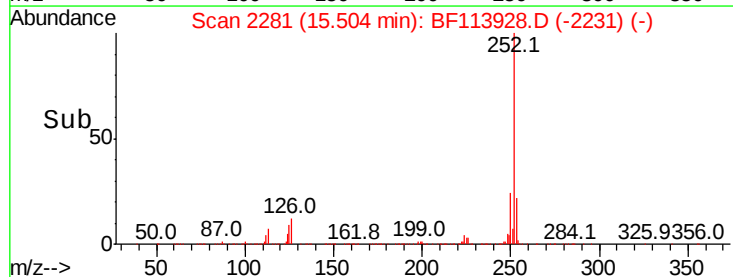
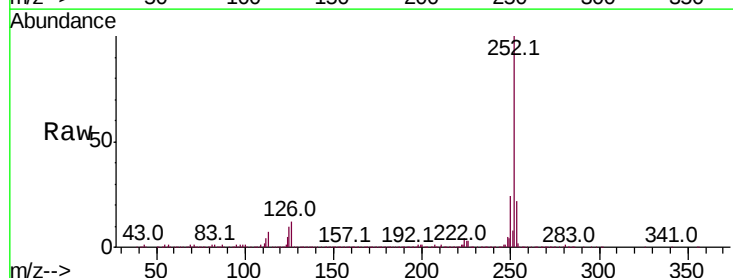
Manual Integrations
APPROVED

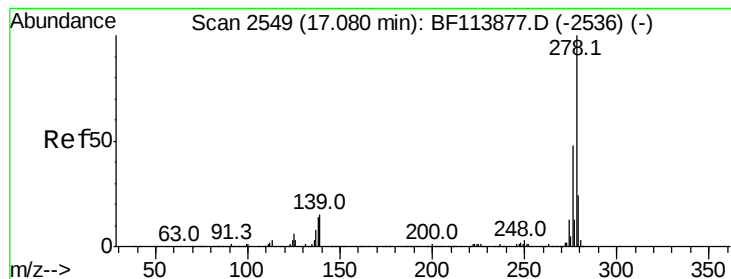
Sohil
4/24/2019 11:51:30 AM



#90
Benzo(a)pyrene
Concen: 38.640 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.8	8.5	12.7





#91

Dibenzo(a,h)anthracene

Concen: 31.250 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

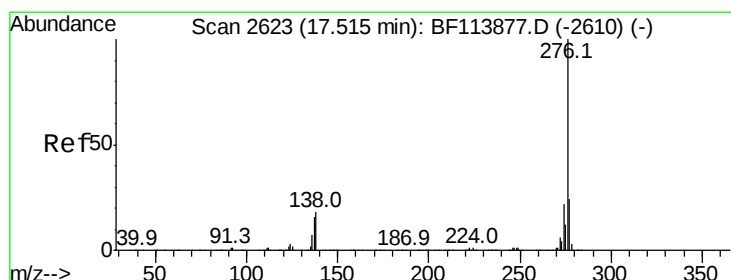
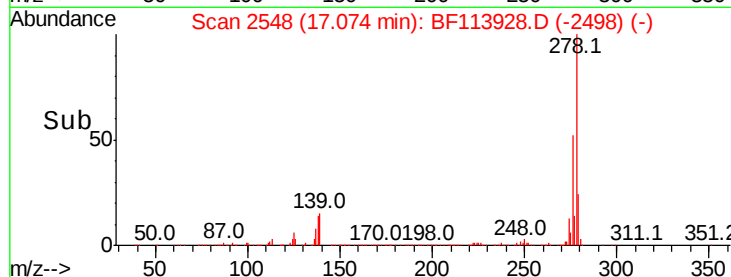
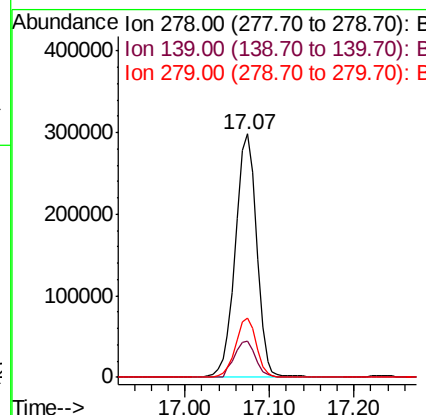
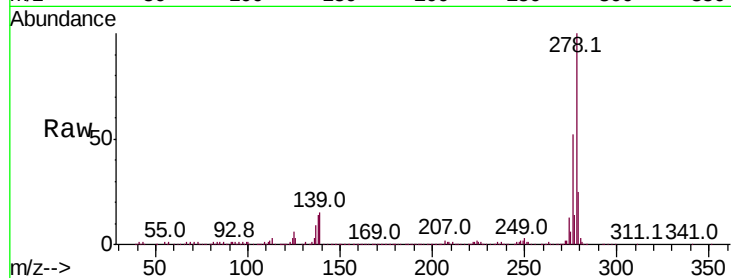
ClientSampleId :

SP-WOODBURYMSD

Tot Ion:278	Resp:	513094
Ion Ratio	Lower	Upper
278 100		
139 14.7	11.6	17.4
279 24.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/24/2019 11:51:30 AM



#92

Benzo(g,h,i)perylene

Concen: 28.691 ng

RT: 17.51 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:276	Resp:	475381
Ion Ratio	Lower	Upper
276 100		
277 23.5	19.0	28.4
138 18.7	16.6	25.0

