

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
 Data File : BF100978.D
 Acq On : 29 Nov 2017 15:22
 Operator : SJ/JU
 Sample : I6616-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Manual Integrations
 APPROVED

Sohil
 11/30/2017 4:29:44 PM

Quant Time: Nov 30 00:36:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	68702	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	274511	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	123044	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	189519	20.00	ng	0.00
75) Chrysene-d12	14.02	240	129820	20.00	ng	0.00
86) Perylene-d12	15.49	264	124460	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	451377	105.32	ng	0.00
7) Phenol-d6	6.49	99	555812	105.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	348656	83.97	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	134536	107.30	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	694203	85.91	ng	0.00
78) Terphenyl-d14	12.96	244	446417	79.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	50713	24.280	ng	# 93
3) Pyridine	3.45	79	147671	25.915	ng	93
4) n-Nitrosodimethylamine	3.39	42	80682	29.163	ng	# 91
6) Aniline	6.52	93	144840	19.399	ng	98
8) 2-Chlorophenol	6.65	128	169965	37.486	ng	95
9) Benzaldehyde	6.40	77	77074	20.421	ng	98
10) Phenol	6.50	94	210939	38.020	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	153962	33.038	ng	98
12) 1,3-Dichlorobenzene	6.79	146	189045	36.164	ng	98
13) 1,4-Dichlorobenzene	6.87	146	191383	36.173	ng	98
14) 1,2-Dichlorobenzene	7.03	146	183626	37.538	ng	95
15) Benzyl Alcohol	7.00	79	145986	35.393	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	254148	34.098	ng	99
17) 2-Methylphenol	7.11	107	137462	35.478	ng	98
18) Hexachloroethane	7.36	117	60217	34.519	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	116780	31.862	ng	94
20) 3+4-Methylphenols	7.26	107	171353	34.948	ng	# 72
22) Acetophenone	7.26	105	224499	33.538	ng	# 86
24) Nitrobenzene	7.44	77	169605	39.687	ng	98
25) Isophorone	7.67	82	312152	35.775	ng	99
26) 2-Nitrophenol	7.75	139	92263	46.265	ng	97
27) 2,4-Dimethylphenol	7.79	122	147434	37.693	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	201210	35.254	ng	99
29) 2,4-Dichlorophenol	8.00	162	152505	40.842	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	156666	38.788	ng	97
31) Naphthalene	8.16	128	489032	36.986	ng	99
32) Benzoic acid	7.86	122	10765	12.263	ng	95
33) 4-Chloroaniline	8.21	127	82928	15.068	ng	96
34) Hexachlorobutadiene	8.27	225	91877	38.258	ng	99
35) Caprolactam	8.58	113	45114m	35.206	ng	
36) 4-Chloro-3-methylphenol	8.69	107	148644	37.065	ng	99
37) 2-Methylnaphthalene	8.85	142	335215	38.188	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	153037	37.502	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	42408	22.081	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	104398	40.365	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	108104	40.343	nq	# 89
45) 1,1'-Biphenyl	9.32	154	387573	36.419	nq	96
46) 2-Chloronaphthalene	9.34	162	306850	39.745	nq	96
47) 2-Nitroaniline	9.44	65	89894	39.904	nq	98
48) Acenaphthylene	9.76	152	457029	35.721	nq	99
49) Dimethylphthalate	9.62	163	404194	43.024	nq	99
50) 2,6-Dinitrotoluene	9.68	165	77607	41.733	nq	90
51) Acenaphthene	9.93	154	264480	33.989	nq	99
52) 3-Nitroaniline	9.85	138	64388	29.322	nq	85
53) 2,4-Dinitrophenol	9.96	184	19562m	35.522	nq	
54) Dibenzofuran	10.10	168	396325	36.340	nq	99
55) 4-Nitrophenol	10.02	139	102154	57.292	nq	89
56) 2,4-Dinitrotoluene	10.09	165	97136	41.406	nq	# 88
57) Fluorene	10.44	166	305131	38.192	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	83103	37.840	nq	# 86
59) Diethylphthalate	10.31	149	350413	37.273	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	154804	39.498	nq	90
61) 4-Nitroaniline	10.46	138	66914	32.136	nq	90
62) Azobenzene	10.59	77	288600	32.593	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	19434	25.253	nq	84
65) n-Nitrosodiphenylamine	10.55	169	285537	43.330	nq	97
66) 4-Bromophenyl-phenylether	10.92	248	91388	44.983	nq	# 85
67) Hexachlorobenzene	10.99	284	87316	41.093	nq	# 83
68) Atrazine	11.07	200	85580	42.903	nq	99
69) Pentachlorophenol	11.19	266	84952	55.757	nq	100
70) Phenanthrene	11.40	178	395047	39.590	nq	98
71) Anthracene	11.46	178	390523	38.575	nq	98
72) Carbazole	11.61	167	319898	34.246	nq	99
73) Di-n-butylphthalate	11.93	149	467442	42.761	nq	99
74) Fluoranthene	12.59	202	365370	34.550	nq	96
76) Benzidine	12.71	184	47725	9.180	nq	97
77) Pyrene	12.82	202	363657	39.297	nq	99
79) Butylbenzylphthalate	13.43	149	145767	38.624	nq	90
80) Benzo(a)anthracene	14.01	228	313298	40.075	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	83951	29.972	nq	# 96
82) Chrysene	14.04	228	299632	39.579	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	211028	42.515	nq	98
84) Di-n-octyl phthalate	14.60	149	336404	39.451	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.97	276	237375	38.766	nq	93
87) Benzo(b)fluoranthene	15.06	252	297020	40.282	nq	97
88) Benzo(k)fluoranthene	15.09	252	263137	37.769	nq	# 96
89) Benzo(a)pyrene	15.43	252	255119	39.027	nq	99
90) Dibenzo(a,h)anthracene	16.98	278	196976	36.846	nq	# 95
91) Benzo(g,h,i)perylene	17.42	276	190808	36.462	nq	94

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

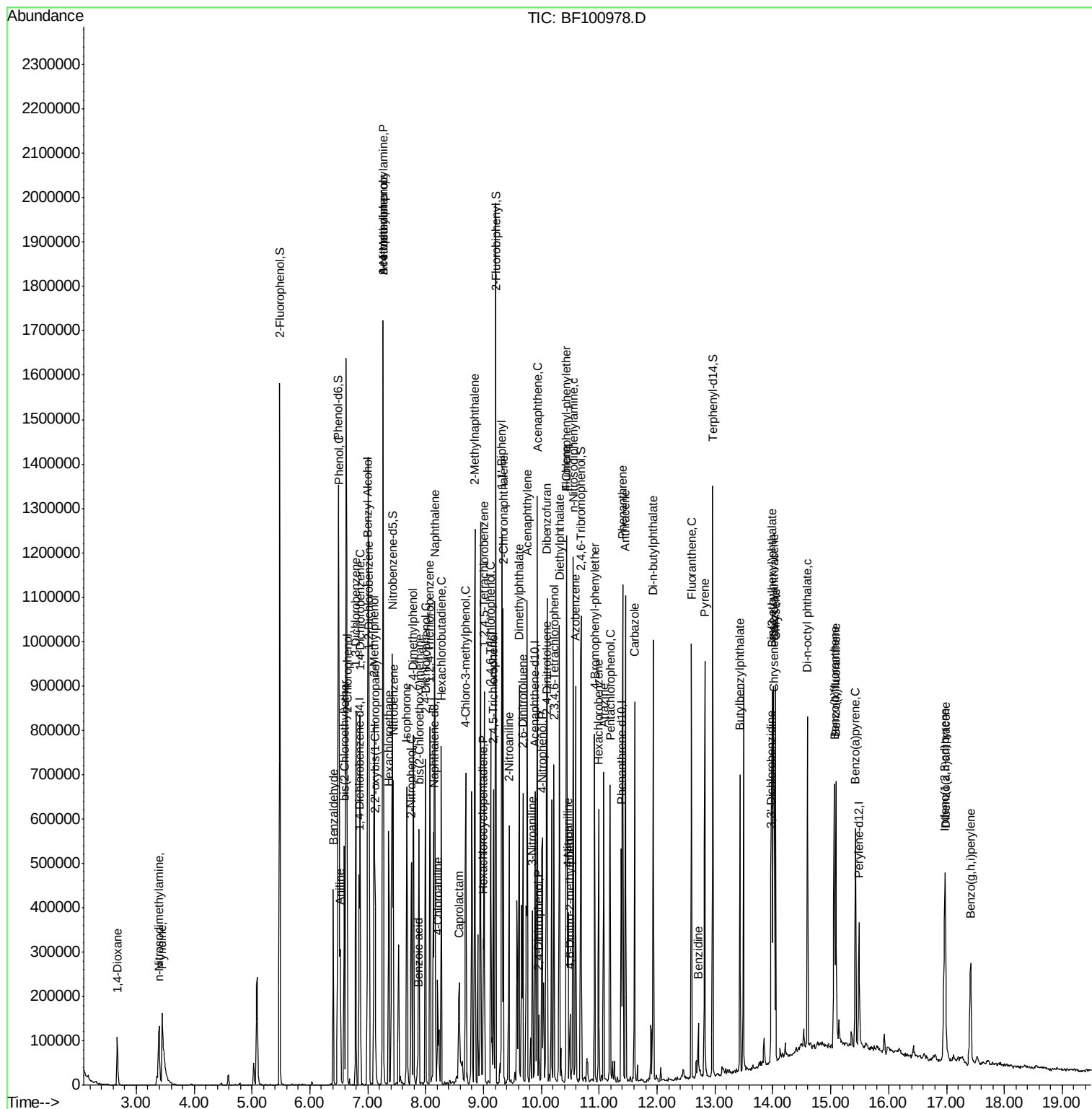
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Sample    : I6616-01MSD
Misc      :
ALS Vial  : 7      Sample Multiplier: 1
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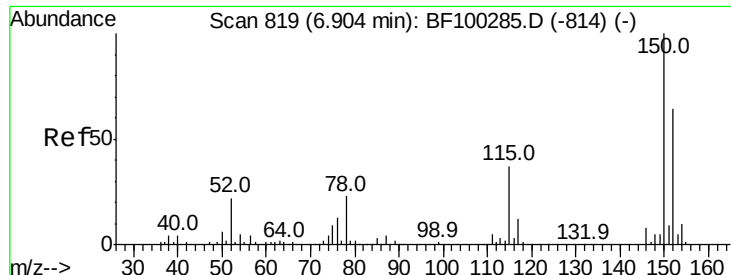
Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

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#1

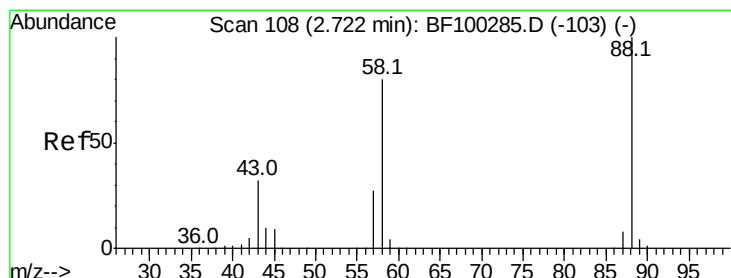
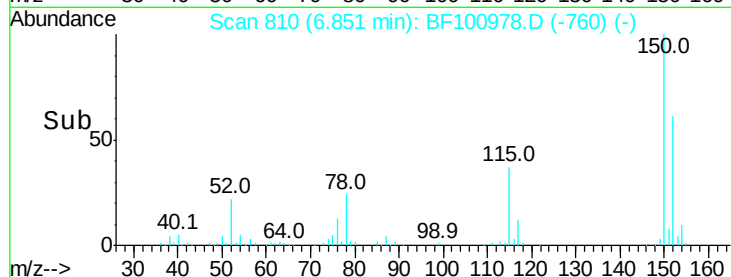
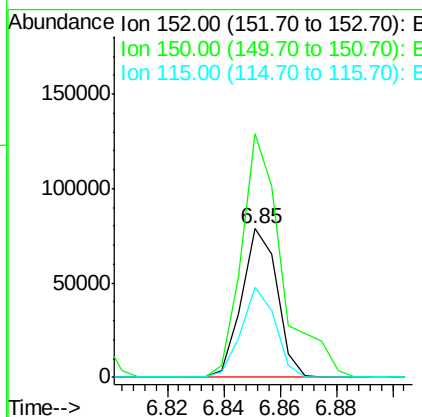
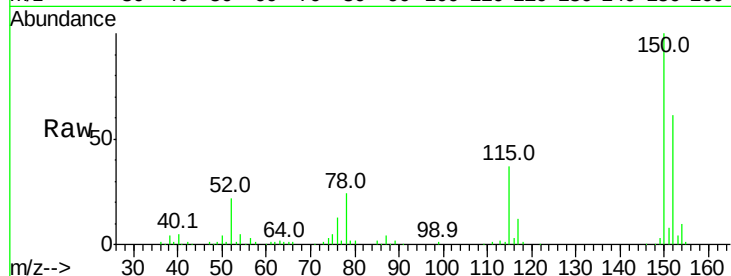
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	124.6	186.8
115	60.9	50.1	75.1

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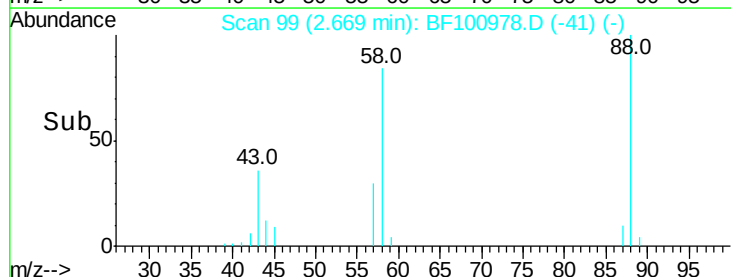
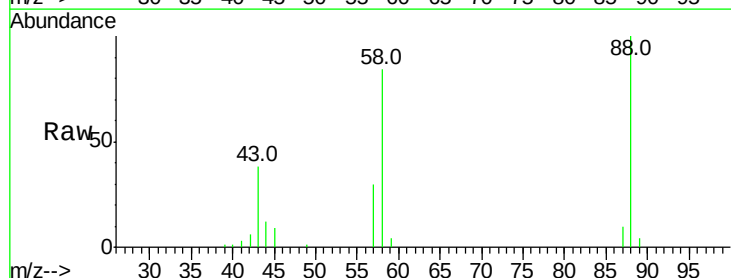
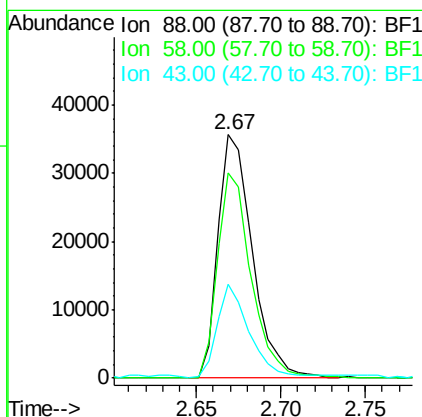
Sohil
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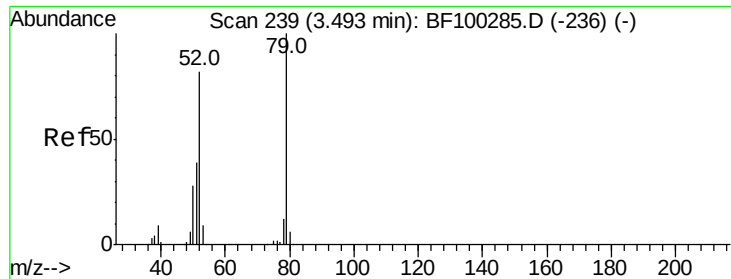


#2

1,4-Dioxane
Concen: 24.280 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.04 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	62.6	93.8
43	37.0	24.6	37.0





#3

Pvridine

Concen: 25.915 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.05 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

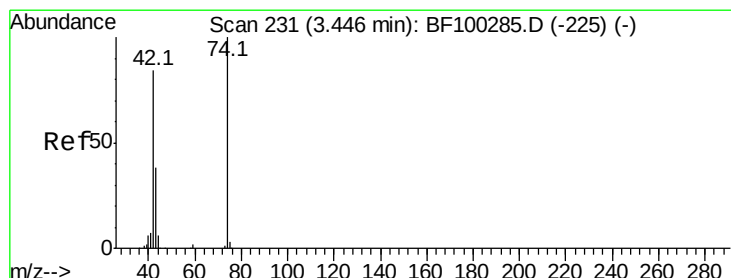
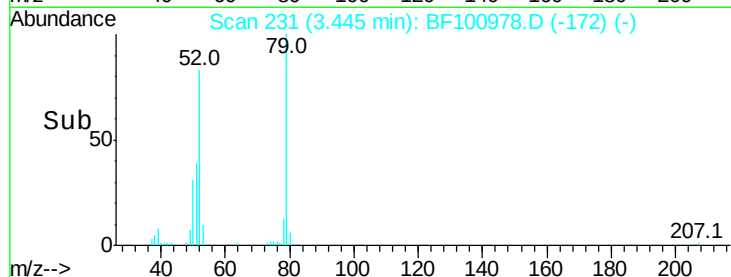
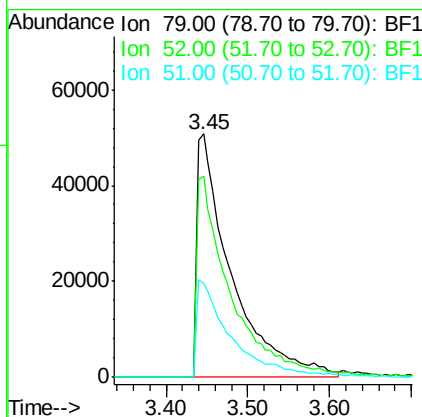
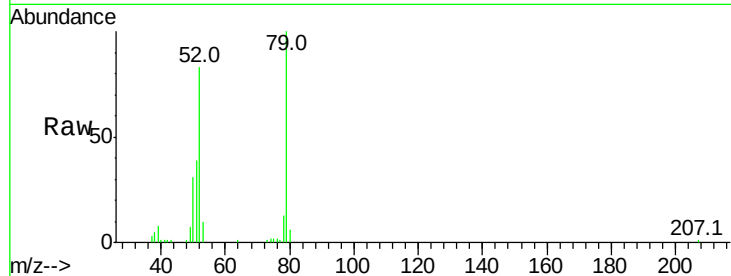
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	79	Resp:	147671
Ion Ratio	Lower	Upper	
79	100		
52	82.8	59.8	89.6
51	38.7	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.163 ng

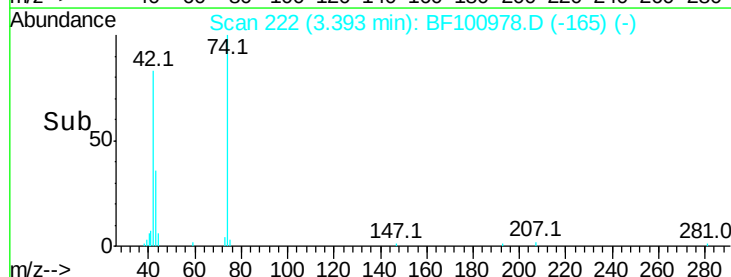
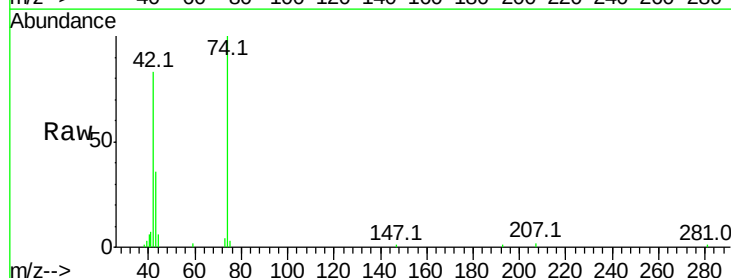
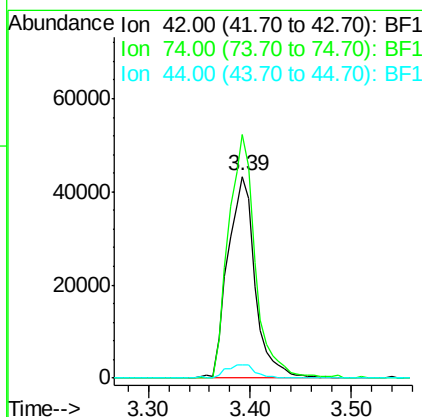
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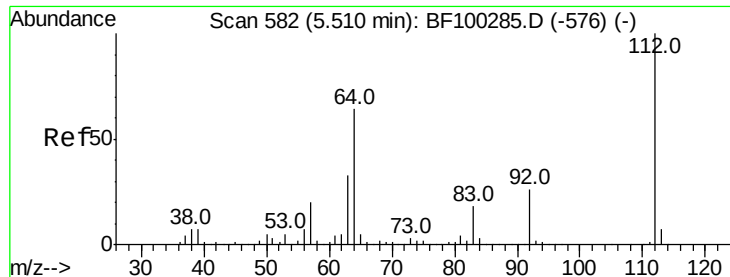
Delta R.T. 0.04 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	42	Resp:	80682
Ion Ratio	Lower	Upper	
42	100		
74	120.8	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 105.317 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

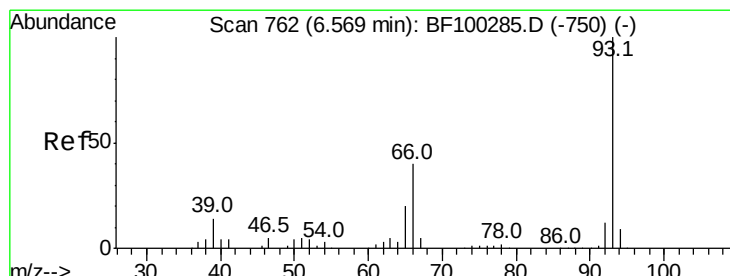
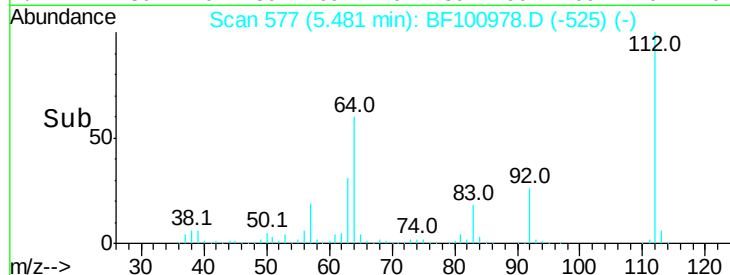
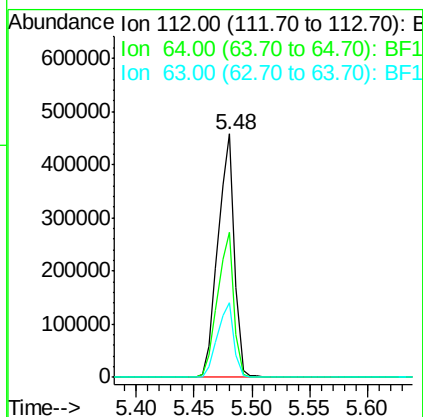
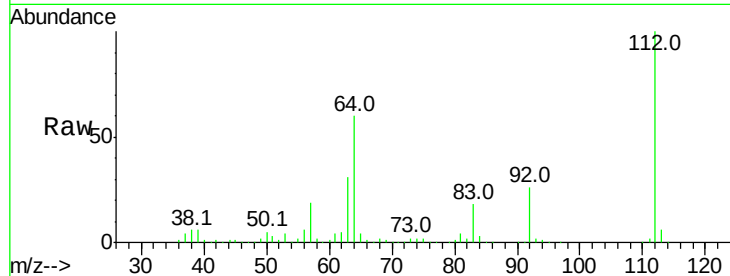
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	112	Resp:	451377
Ion Ratio	Lower	Upper	
112	100		
64	59.6	47.9	71.9
63	30.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.399 ng

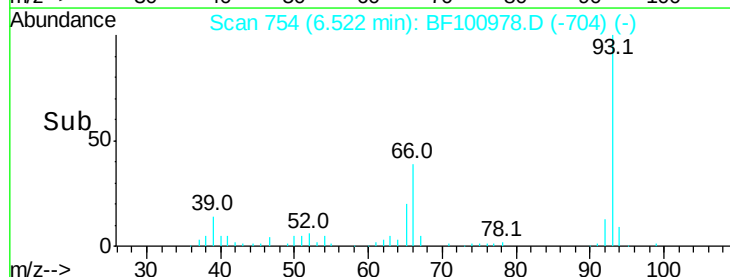
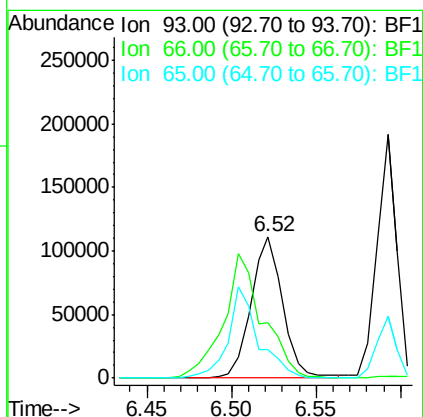
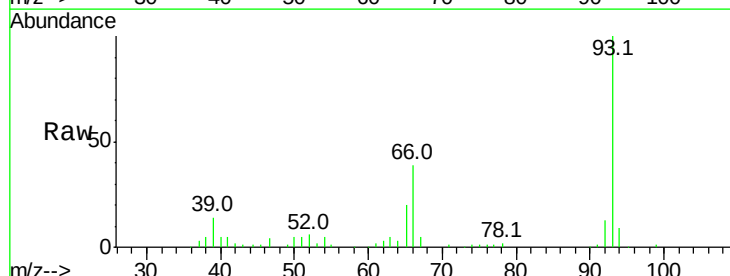
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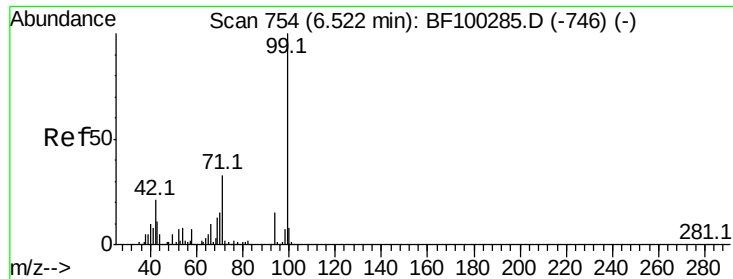
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	93	Resp:	144840
Ion Ratio	Lower	Upper	
93	100		
66	38.9	32.2	48.2
65	20.3	16.4	24.6





#7

Phenol-d6

Concen: 105.167 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

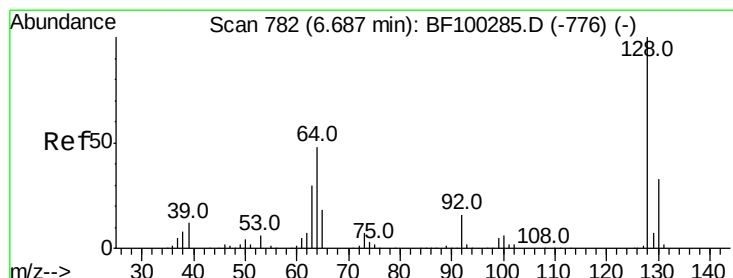
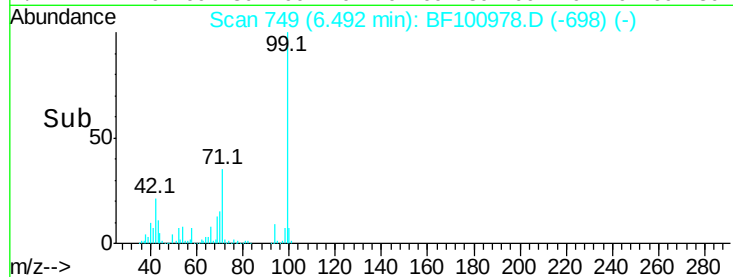
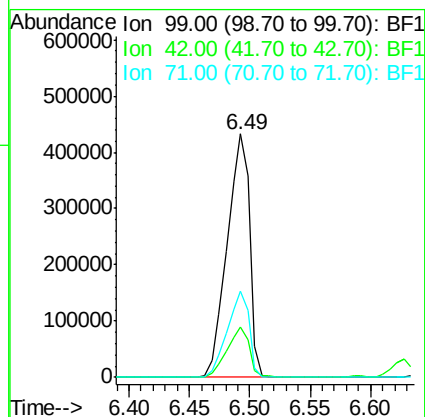
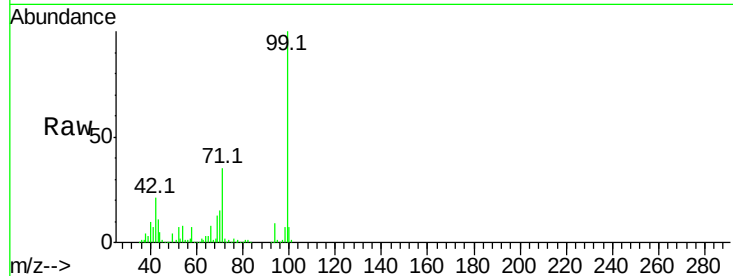
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	99	Resp:	555812
Ion Ratio	Lower	Upper	
99	100		
42	20.7	14.5	21.7
71	35.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.486 ng

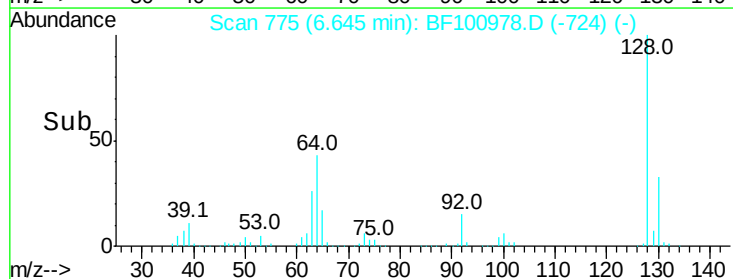
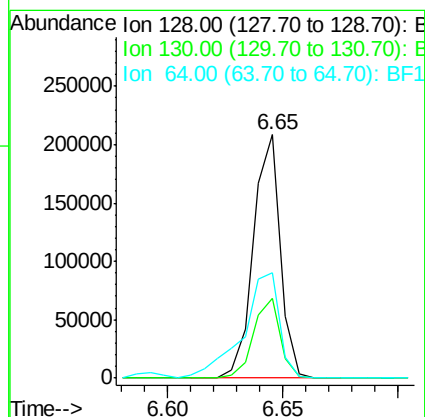
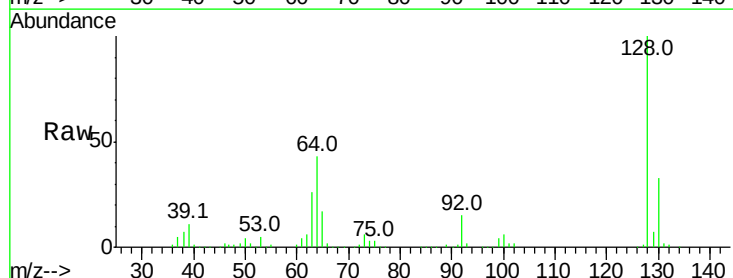
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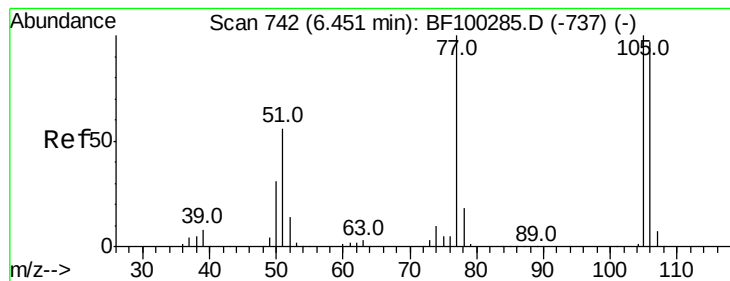
Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	128	Resp:	169965
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	43.5	29.4	69.4





#9

Benzaldehyde

Concen: 20.421 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion: 77 Resp: 77074

Ion Ratio Lower Upper

77 100

105 102.1 81.1 121.1

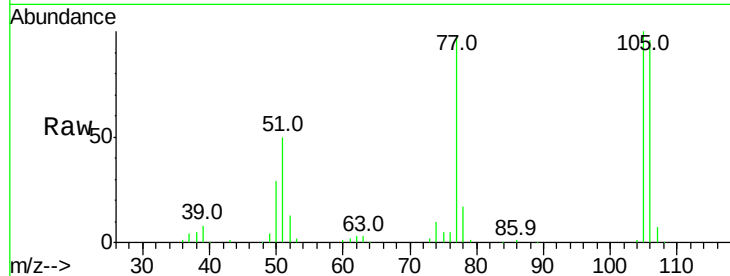
106 98.4 74.5 114.5

Manual Integrations

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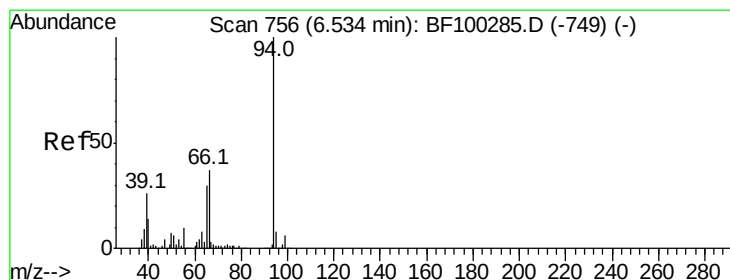
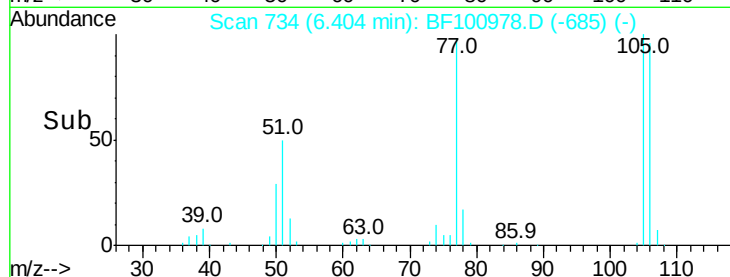
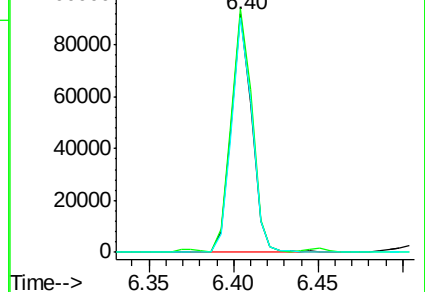


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

6.40



#10

Phenol

Concen: 38.020 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

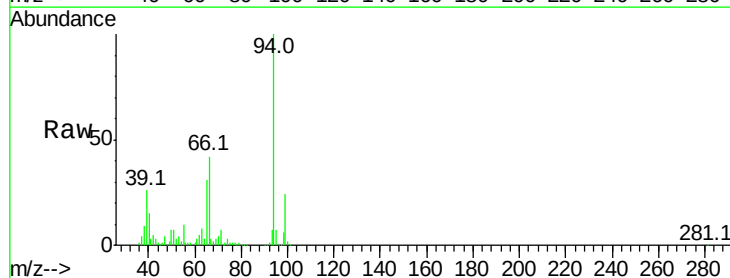
Tgt Ion: 94 Resp: 210939

Ion Ratio Lower Upper

94 100

65 30.7 7.9 47.9

66 41.9 16.2 56.2

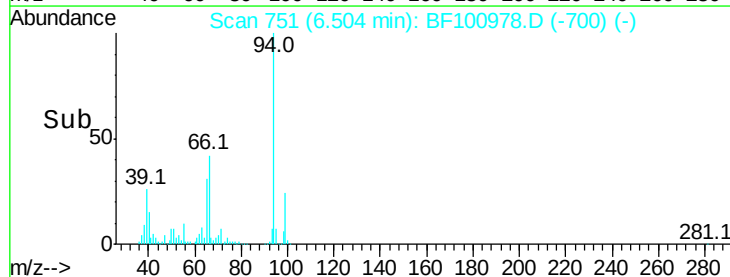
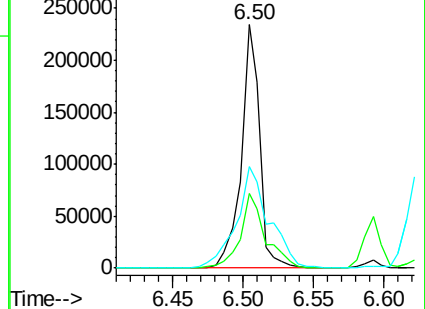


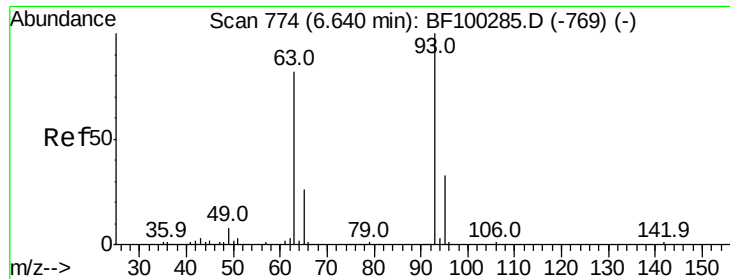
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

6.50





#11

bis(2-Chloroethyl)ether

Concen: 33.038 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

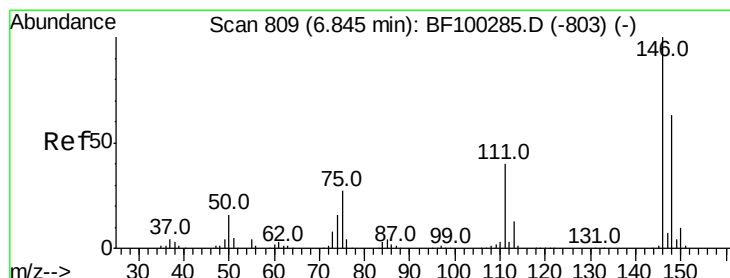
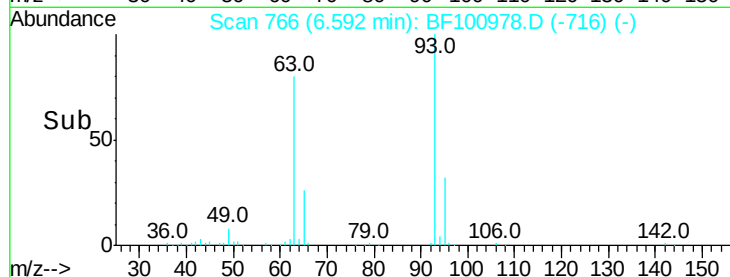
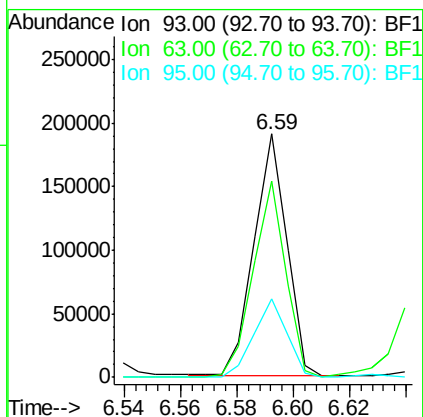
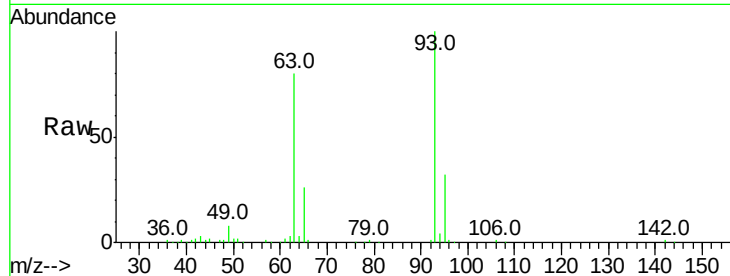
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	93	Resp:	153962
Ion	Ratio	Lower	Upper
93	100		
63	80.5	58.6	98.6
95	32.0	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.164 ng

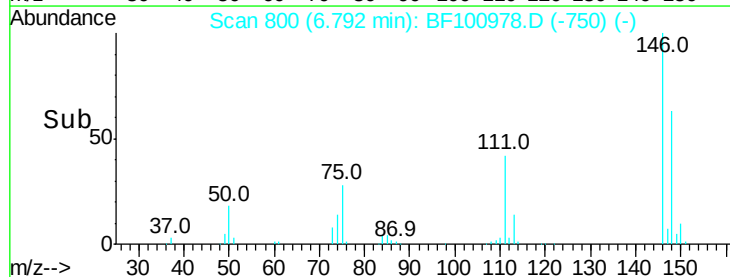
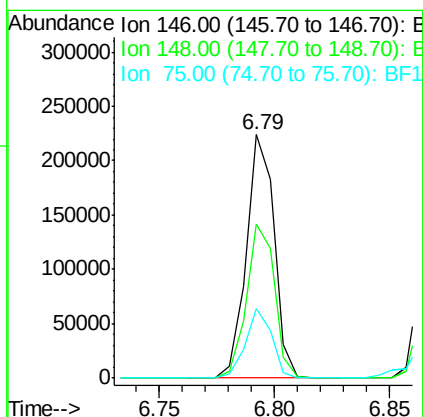
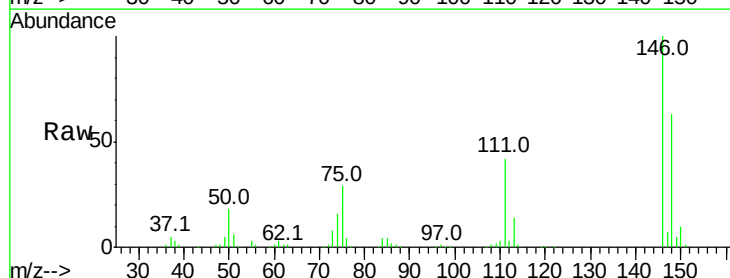
RT: 6.79 min Scan# 800

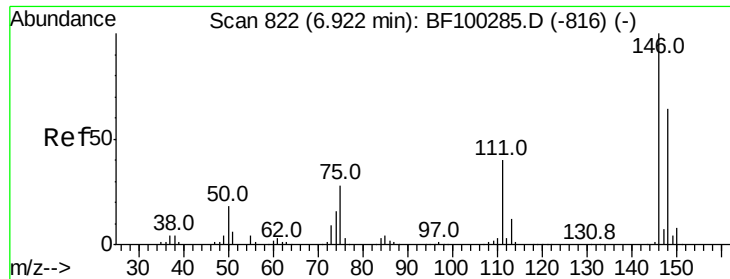
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	146	Resp:	189045
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	28.7	24.2	36.4





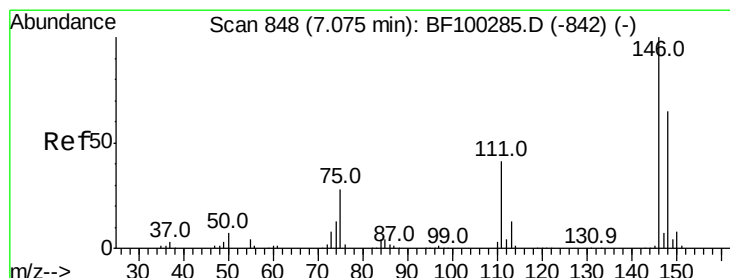
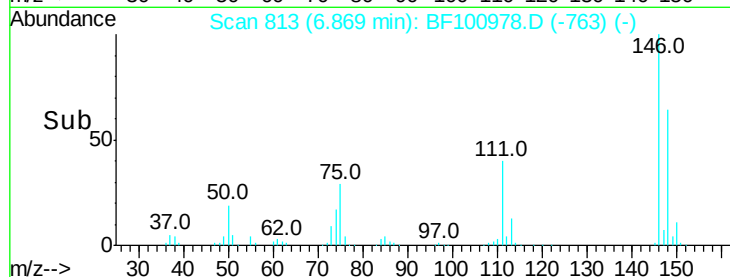
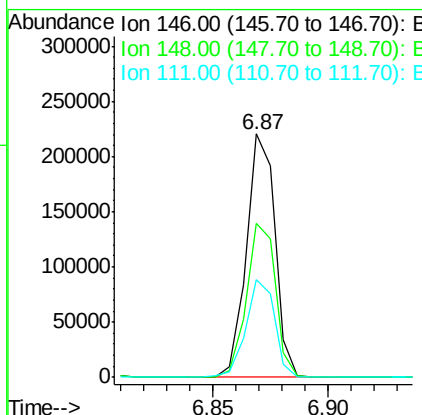
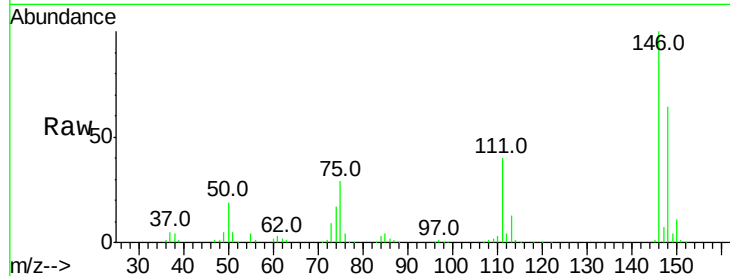
#13
 1,4-Dichlorobenzene
 Concen: 36.173 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	39.9	34.2	51.2

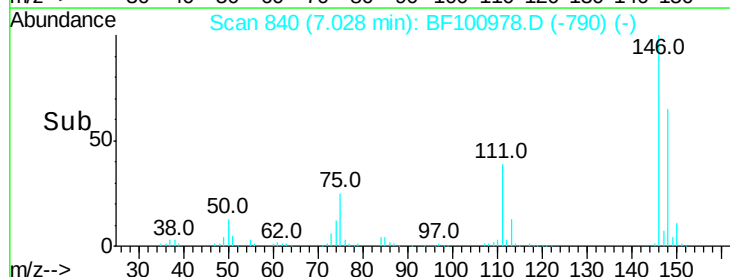
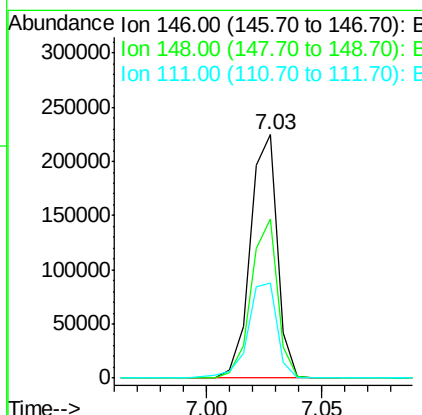
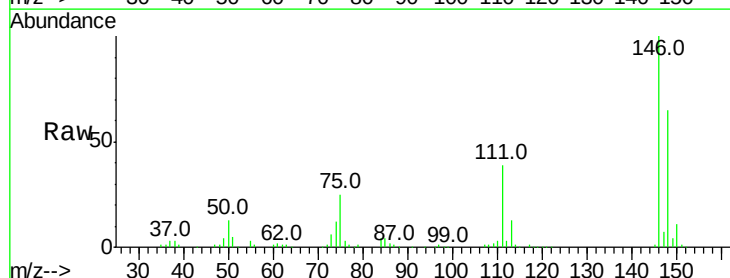
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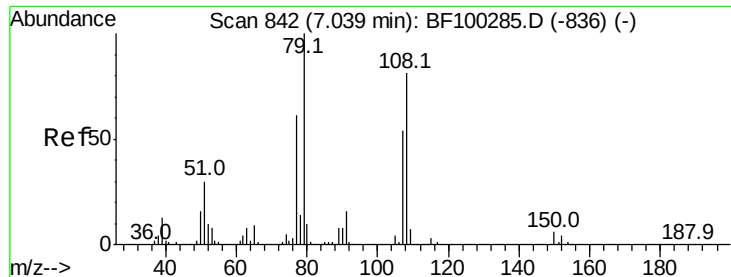
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#14
 1,2-Dichlorobenzene
 Concen: 37.538 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	75.8
111	39.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.393 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

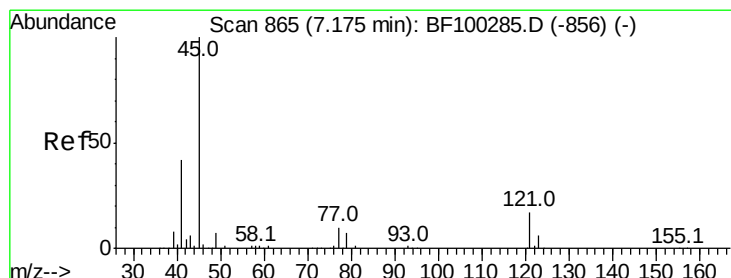
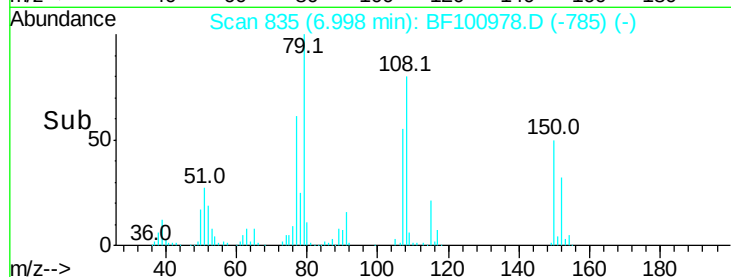
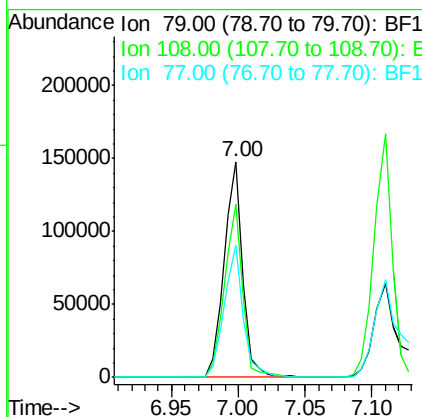
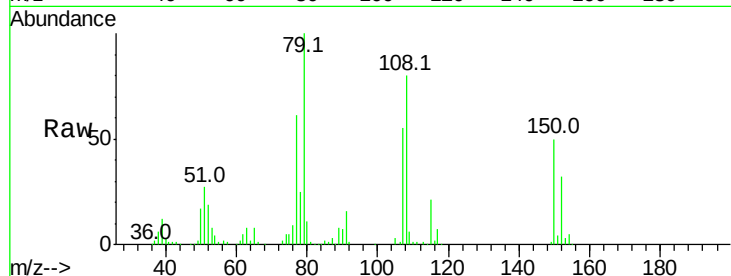
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	79	Resp:	145986
Ion Ratio	Lower	Upper	
79	100		
108	80.0	65.1	97.7
77	61.0	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.098 ng

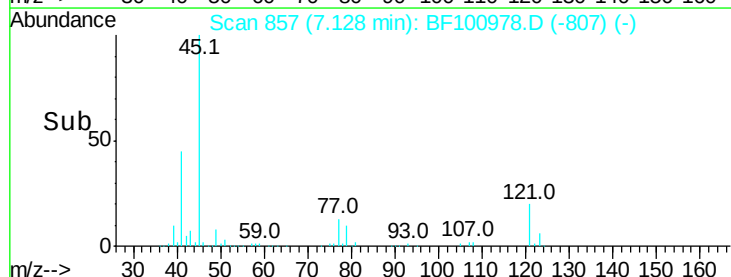
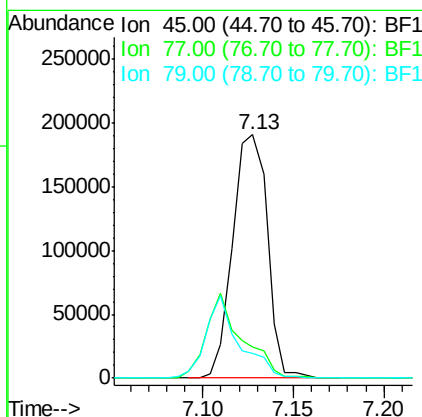
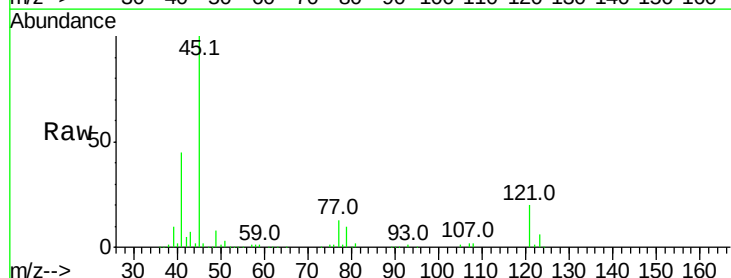
RT: 7.13 min Scan# 857

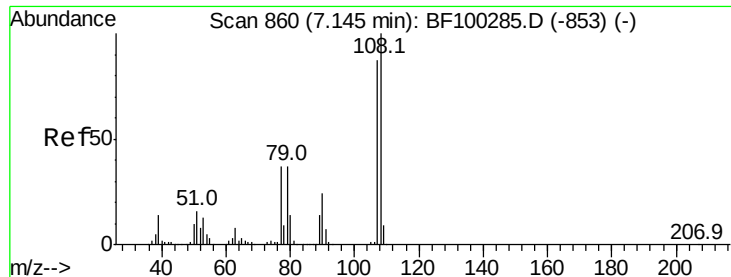
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	45	Resp:	254148
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	32.9
79	9.9	0.0	29.6





#17

2-Methylphenol

Concen: 35.478 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:107 Resp: 137462

Ion Ratio Lower Upper

107 100

108 114.9 91.7 137.5

77 45.8 33.8 50.8

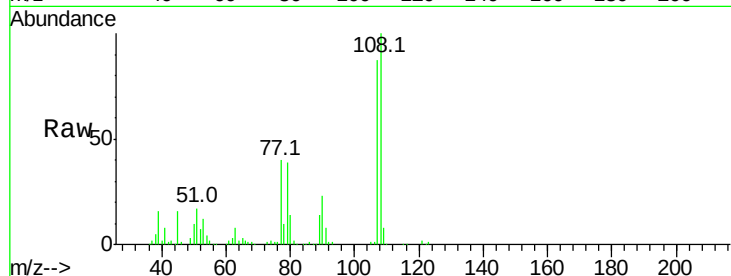
79 44.5 33.8 50.8

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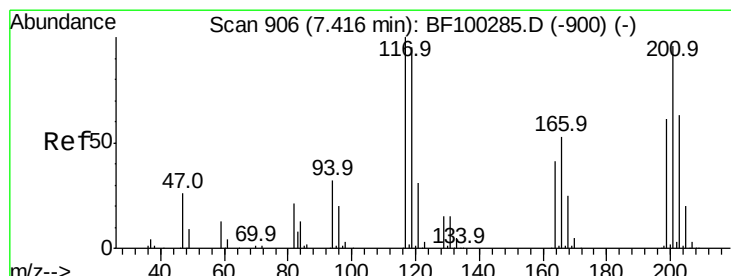
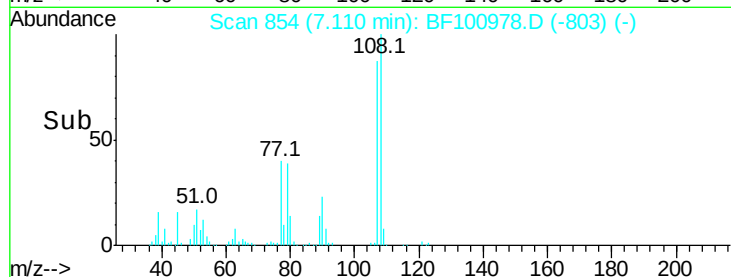
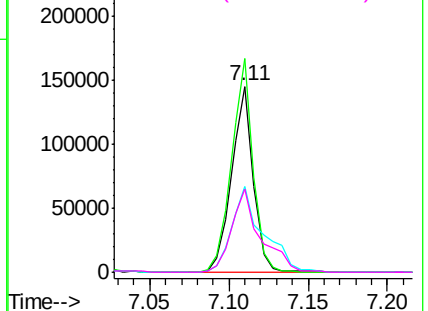


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.519 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

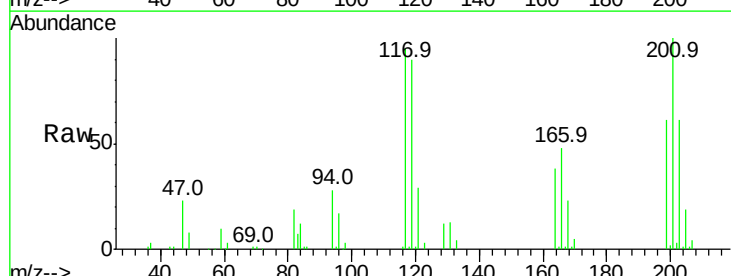
Tgt Ion:117 Resp: 60217

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

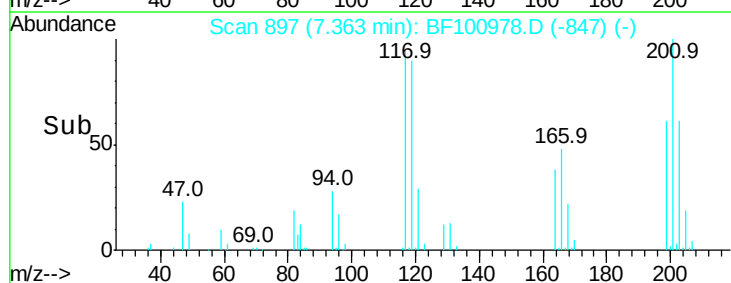
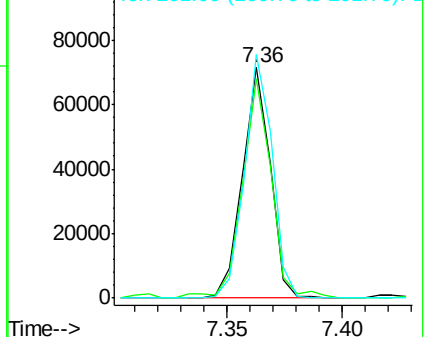
201 105.6 75.7 113.5

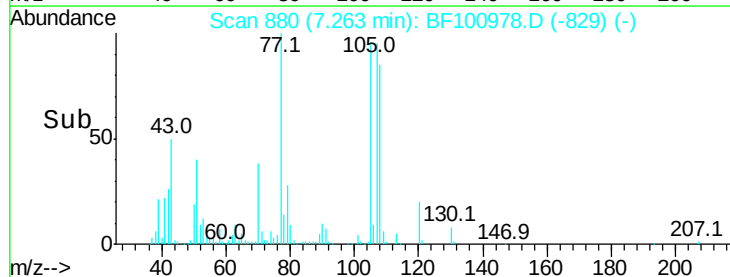
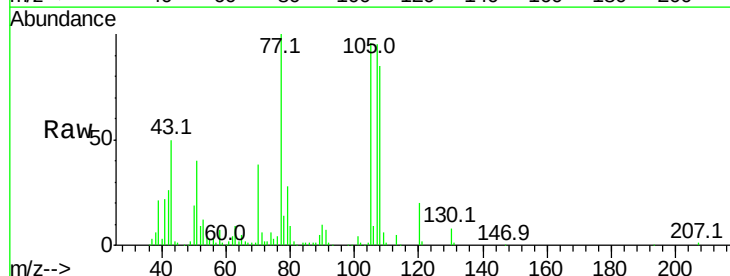
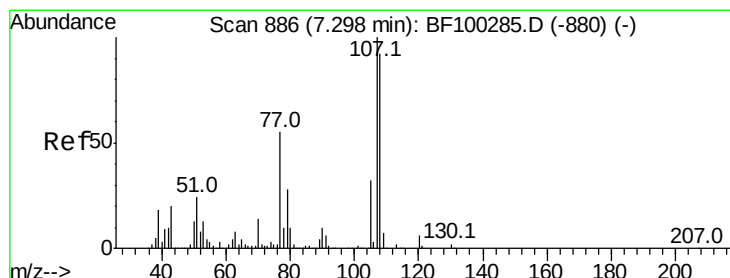
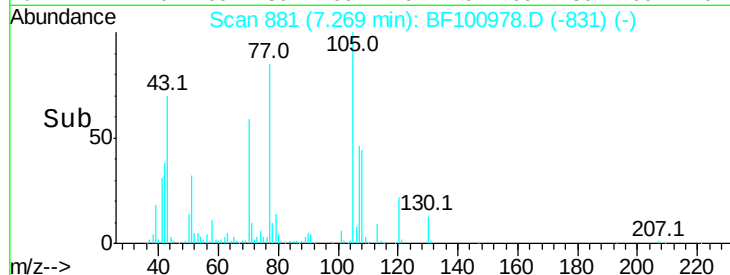
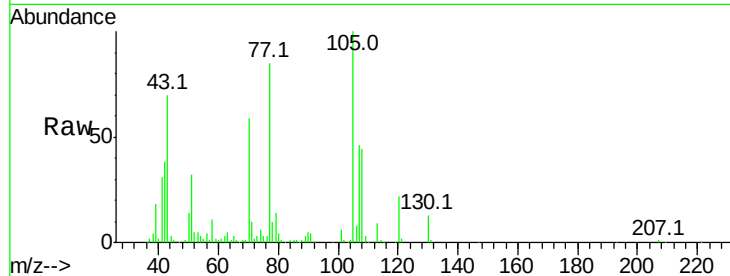
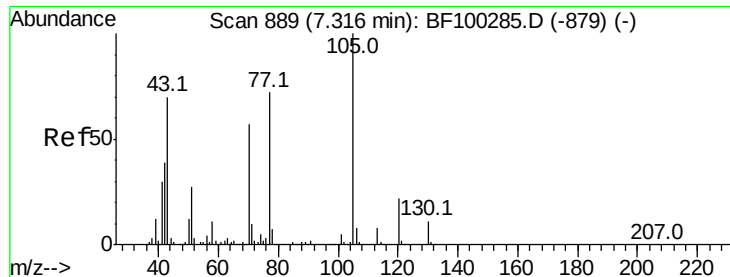


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





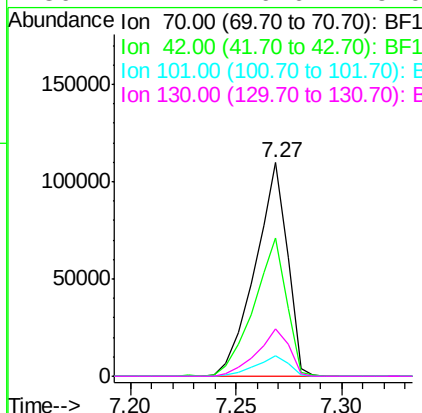
#19
n-Nitroso-di-n-propylamine
Concen: 31.862 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	47.5	71.3
101	9.6	7.4	11.2
130	22.4	16.6	25.0

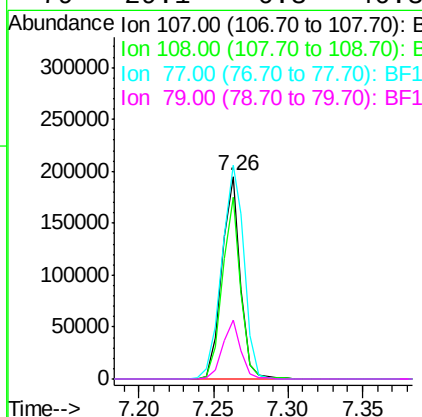
Manual Integrations
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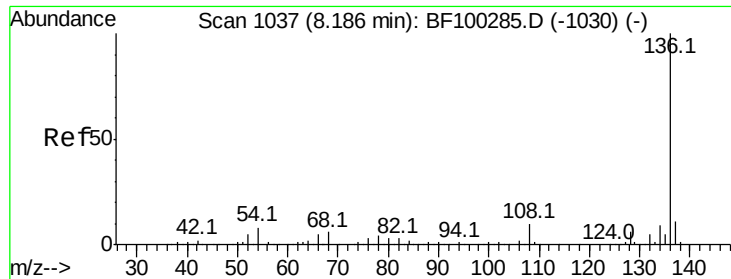
Sohil
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#20
3+4-Methylphenols
Concen: 34.948 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	105.6	26.7	66.7#
79	29.1	6.3	46.3





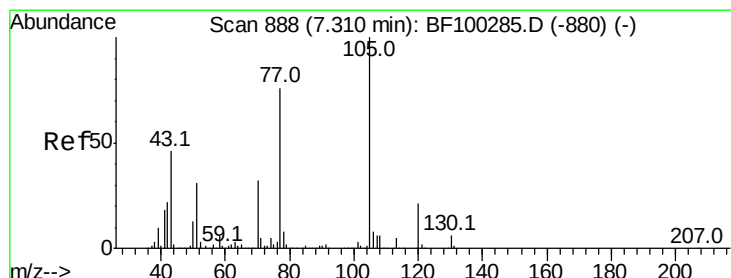
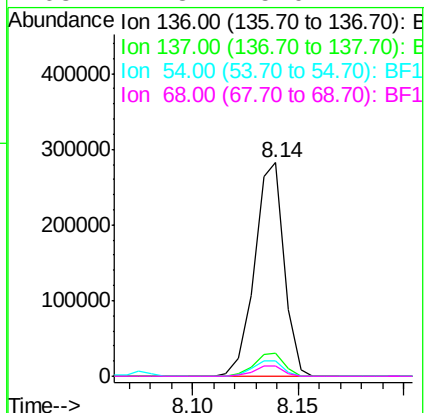
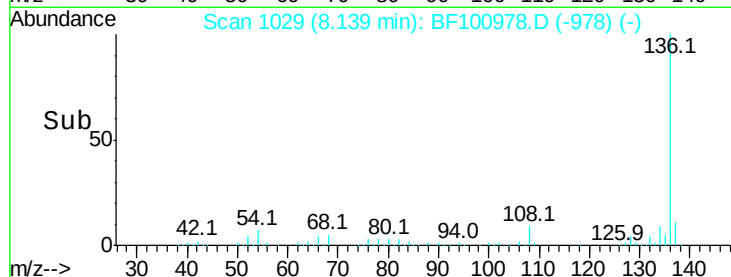
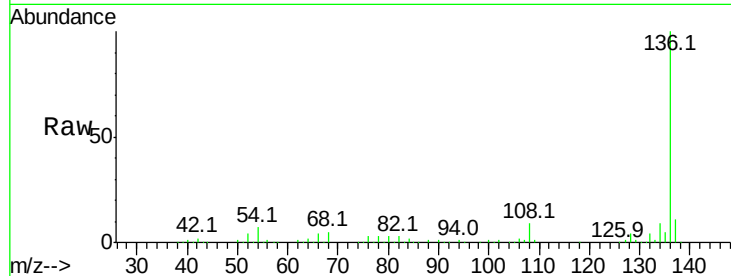
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	274511		
137	11.0	8.9	13.3	
54	7.4	6.6	9.8	
68	4.8	5.0	7.4	

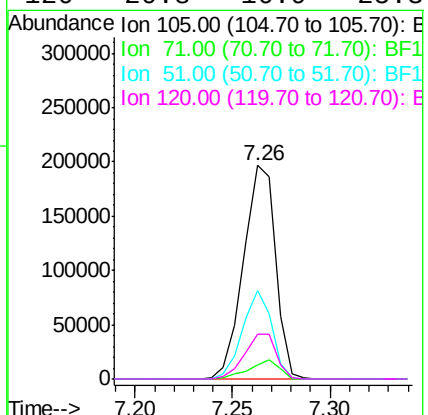
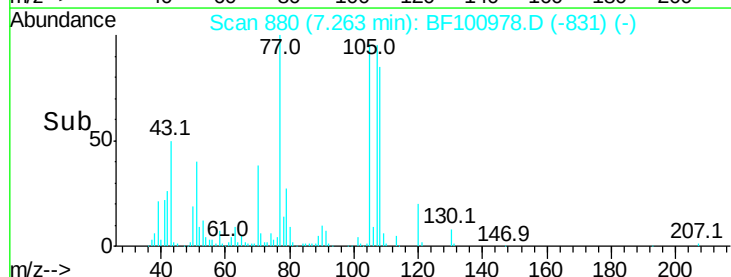
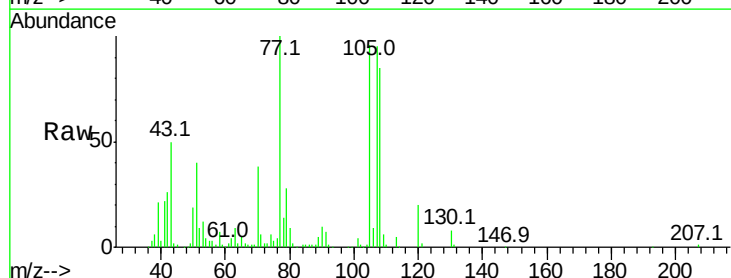
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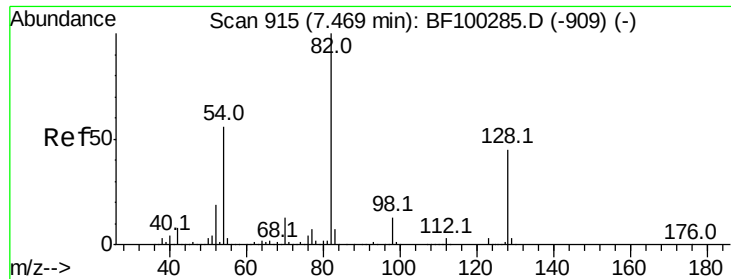
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#22
Acetophenone
Concen: 33.538 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224499		
71	6.4	4.4	6.6	
51	41.6	22.3	33.5	
120	20.8	16.9	25.3	





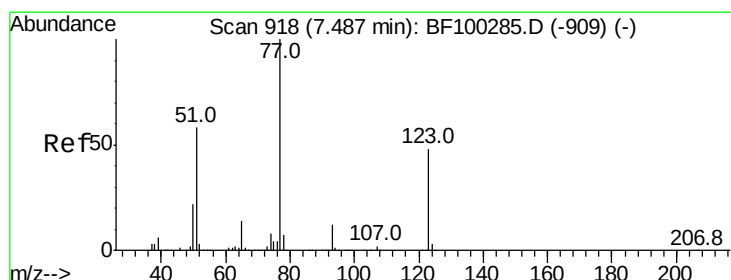
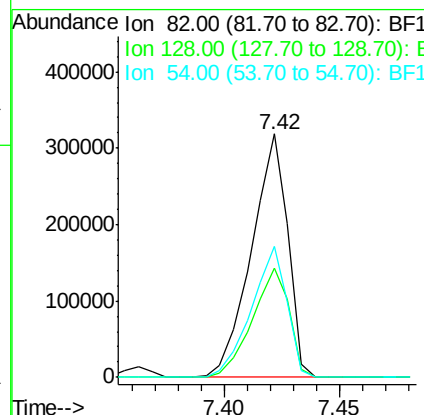
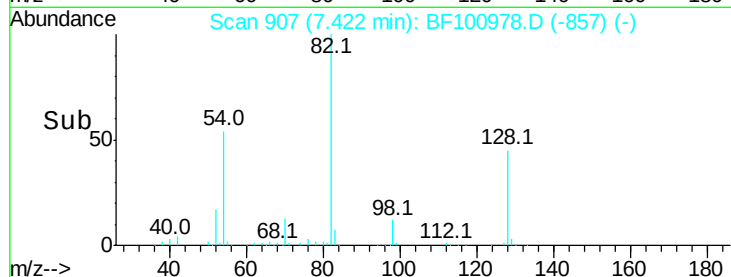
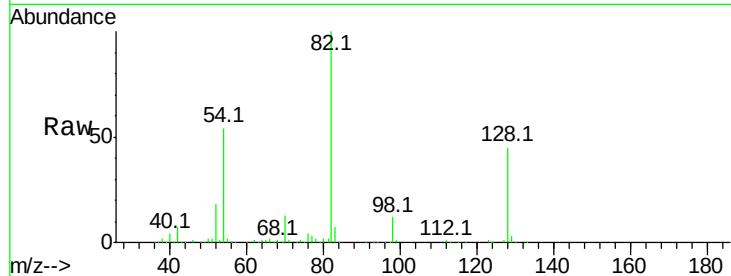
#23
Nitrobenzene-d5
Concen: 83.970 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	54.0	41.4	62.2

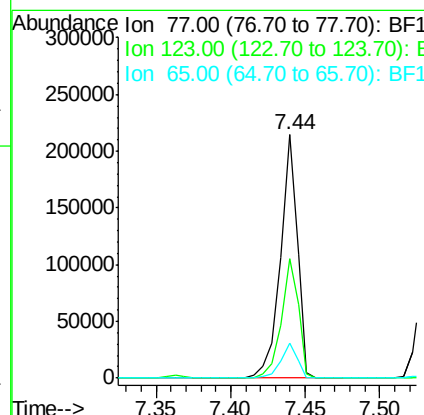
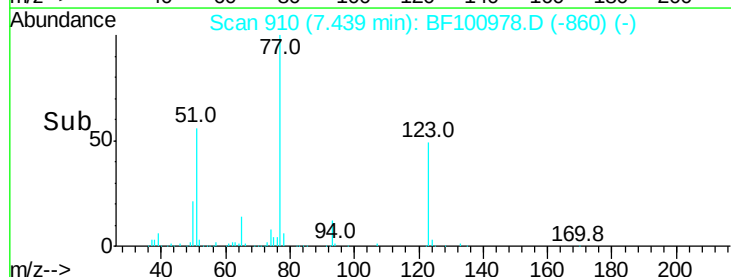
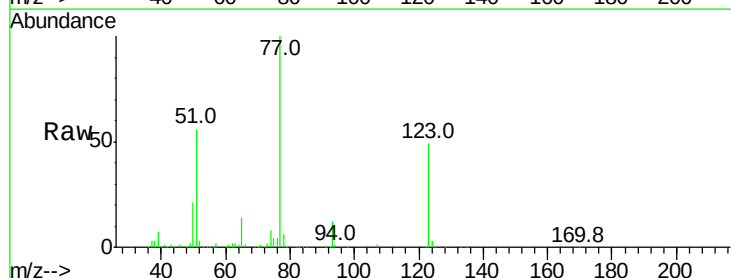
Manual Integrations
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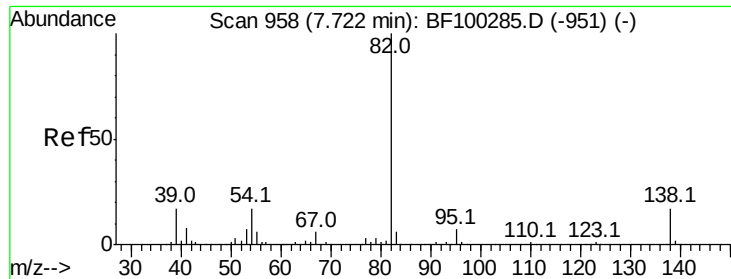
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#24
Nitrobenzene
Concen: 39.687 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.0	37.9	56.9
65	14.1	11.0	16.4





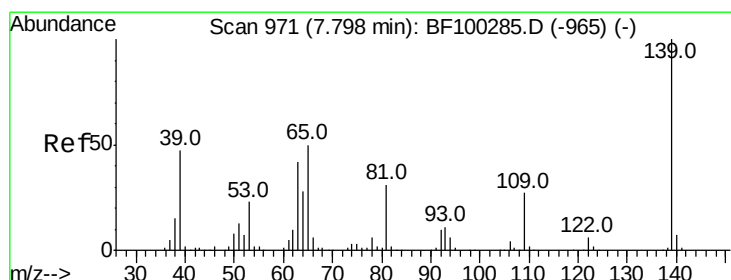
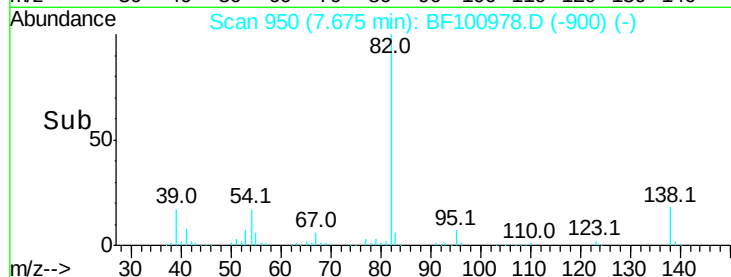
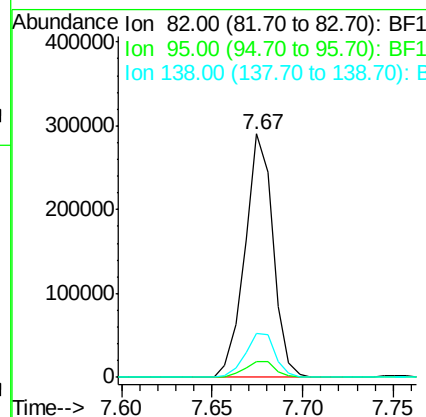
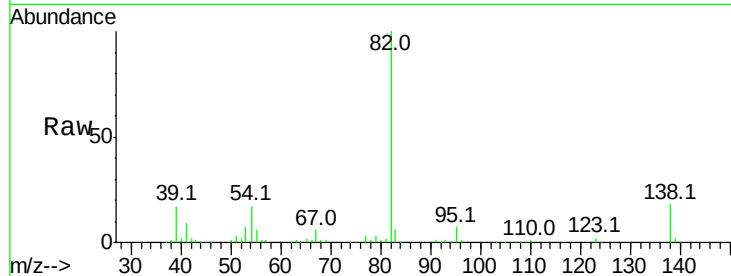
#25
Isophorone
Concen: 35.775 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.2	7.8	
138	18.3	14.9	22.3	

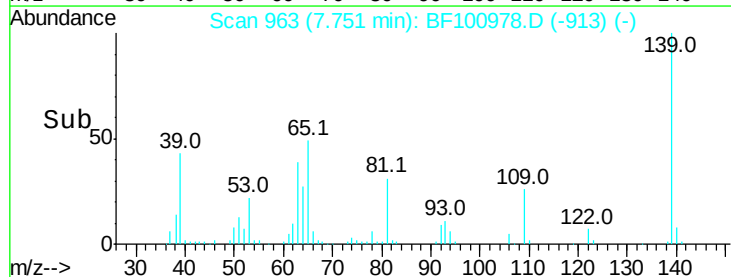
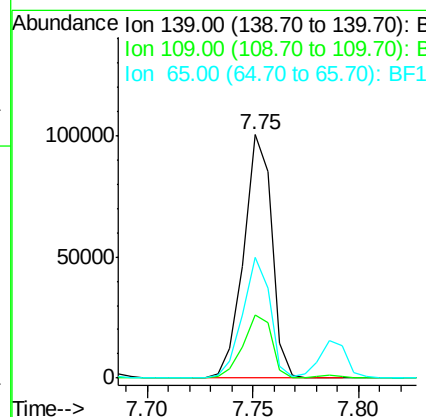
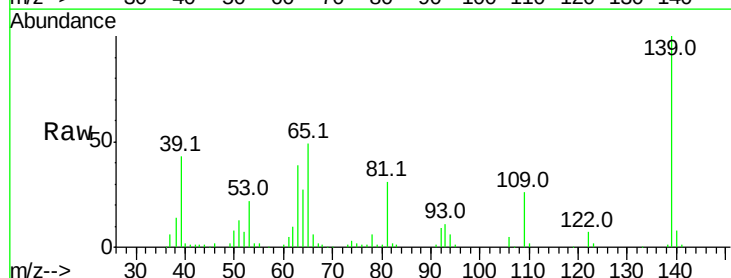
Manual Integrations
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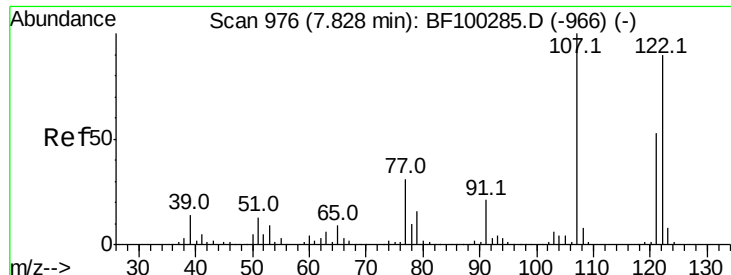
Sohil
11/30/2017 4:29:44 PM



#26
2-Nitrophenol
Concen: 46.265 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.2	22.7	34.1	
65	49.5	40.5	60.7	





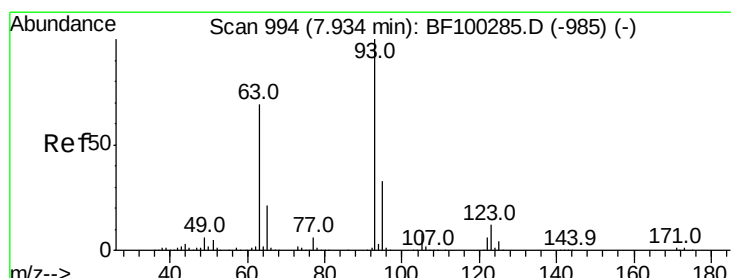
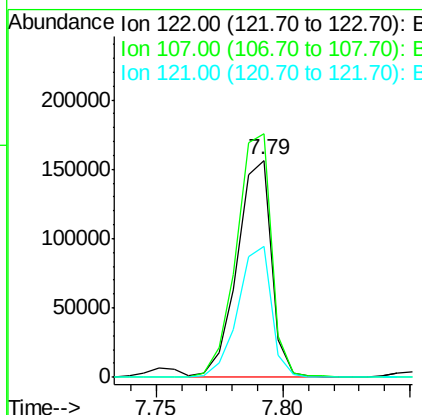
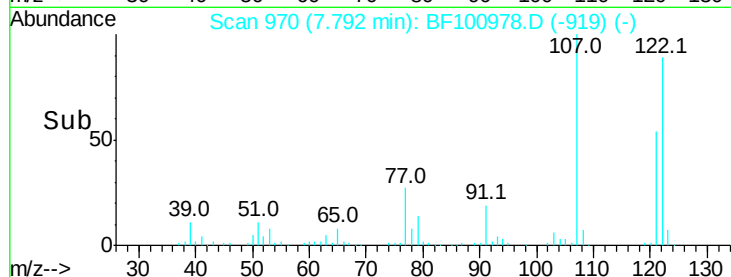
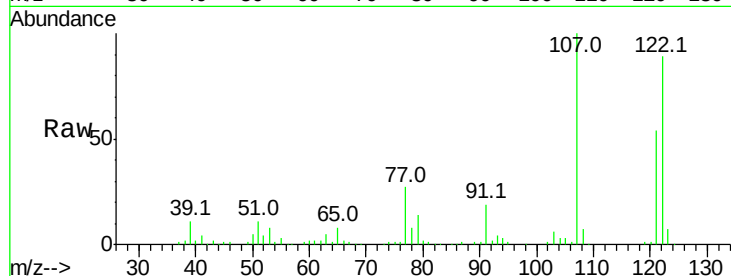
#27
2,4-Dimethylphenol
Concen: 37.693 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		147434		
107	112.3	91.2	136.8		
121	60.3	47.2	70.8		

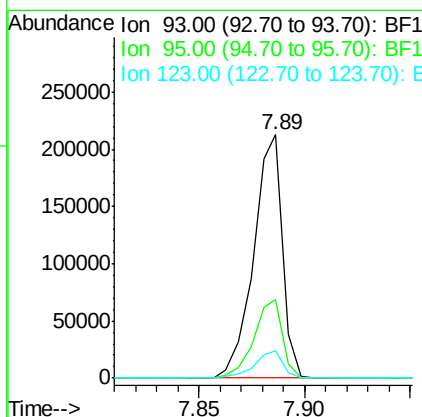
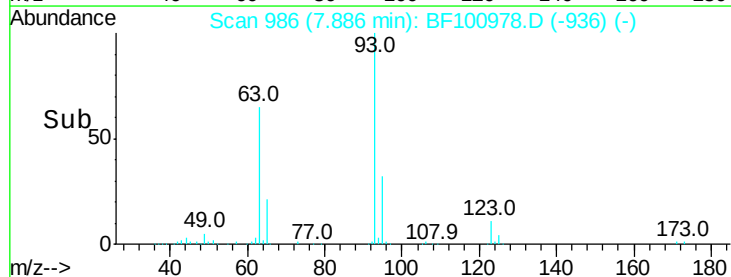
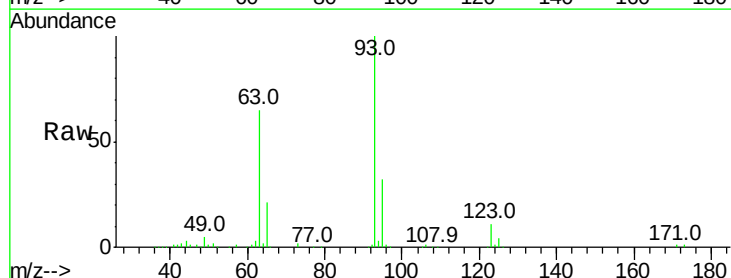
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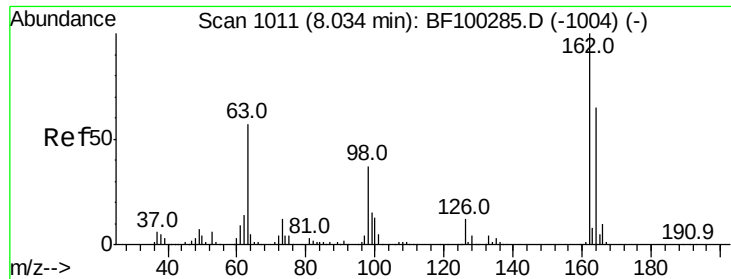
Sohil
11/30/2017 4:29:44 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.254 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		201210		
95	32.4	26.3	39.5		
123	11.3	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 40.842 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

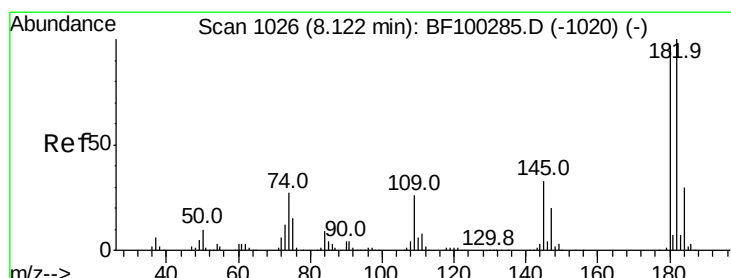
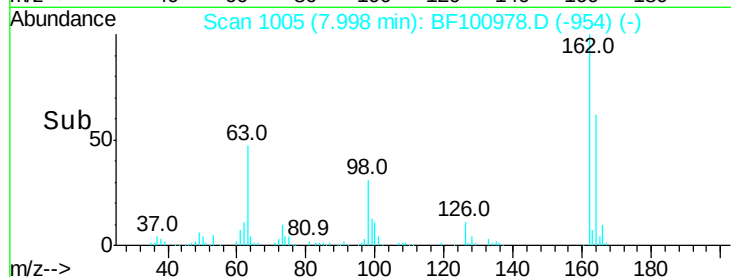
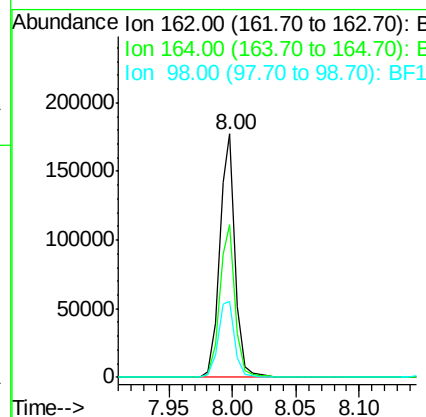
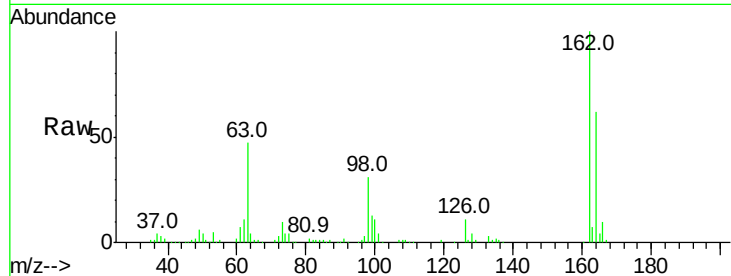
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	162	Resp:	152505
Ion Ratio	Lower	Upper	
162	100		
164	62.5	42.7	82.7
98	31.3	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 38.788 ng

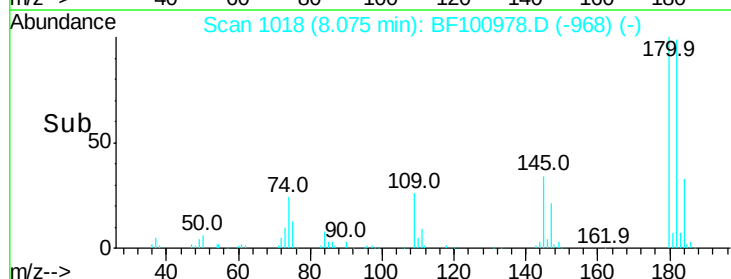
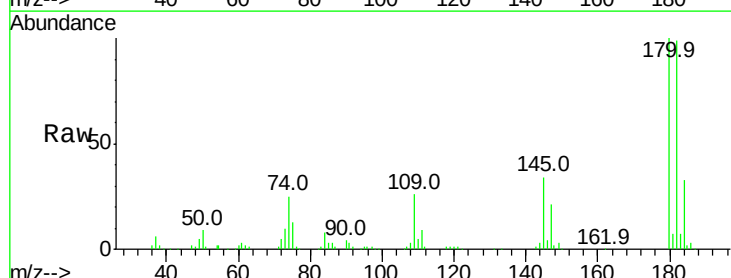
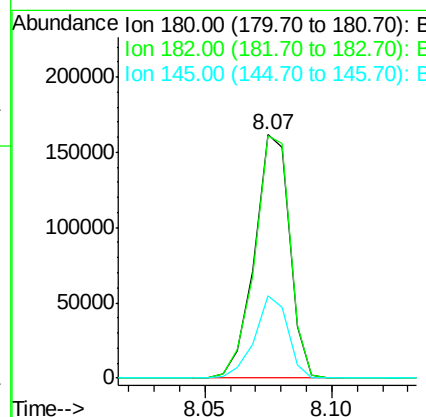
RT: 8.07 min Scan# 1018

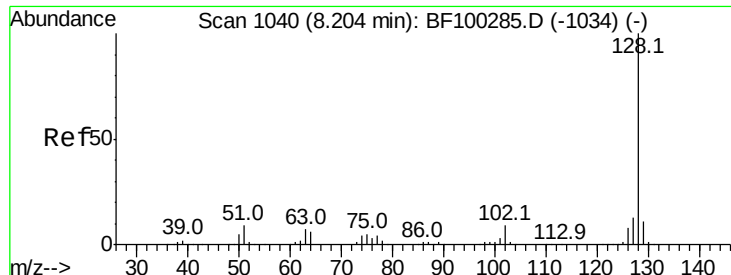
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	180	Resp:	156666
Ion Ratio	Lower	Upper	
180	100		
182	99.3	76.8	115.2
145	33.7	26.5	39.7





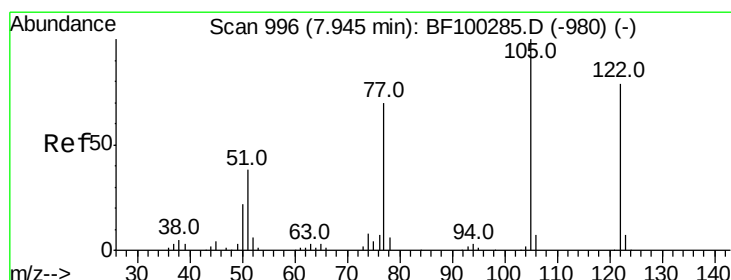
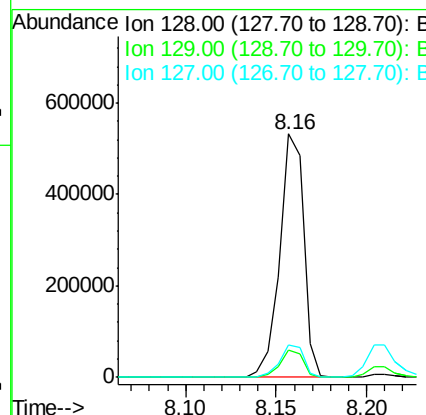
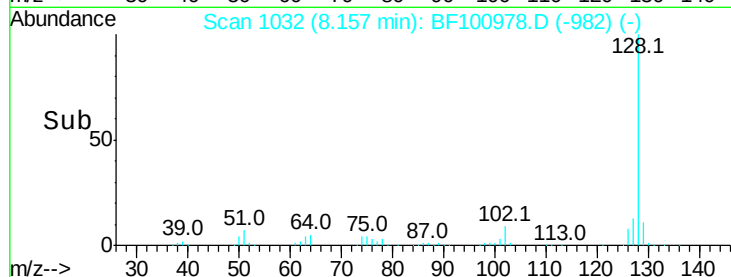
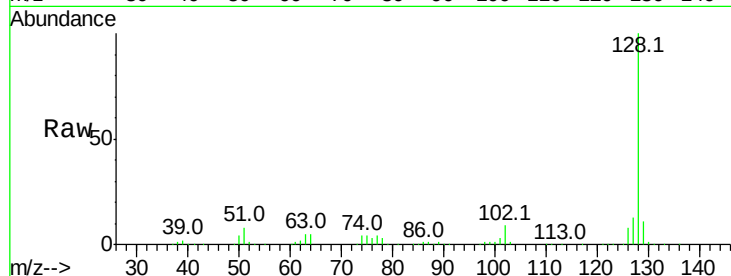
#31
Naphthalene
Concen: 36.986 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	489032		
129	11.2		8.8	13.2
127	13.3		10.9	16.3

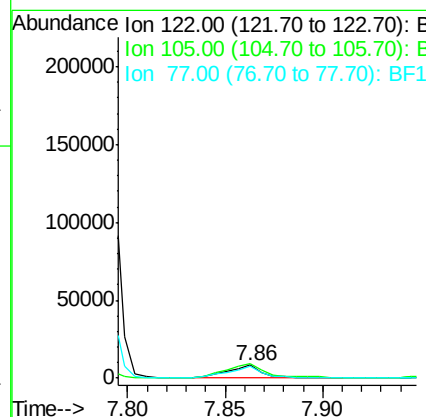
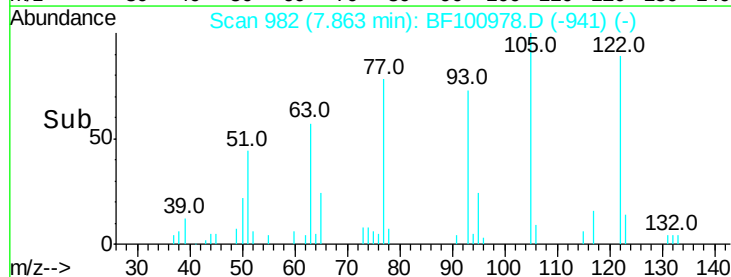
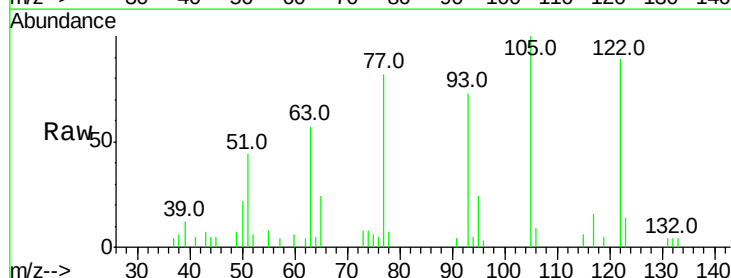
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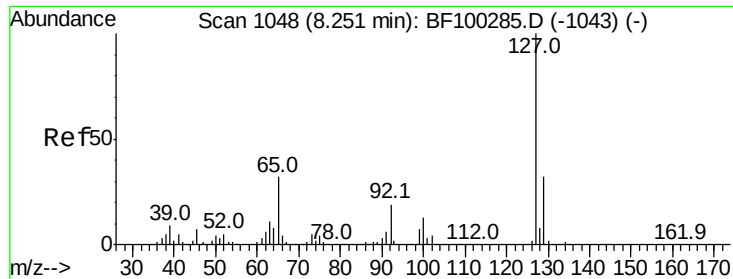
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#32
Benzoic acid
Concen: 12.263 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.06 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10765		
105	112.4		101.1	141.1
77	91.7		70.7	110.7





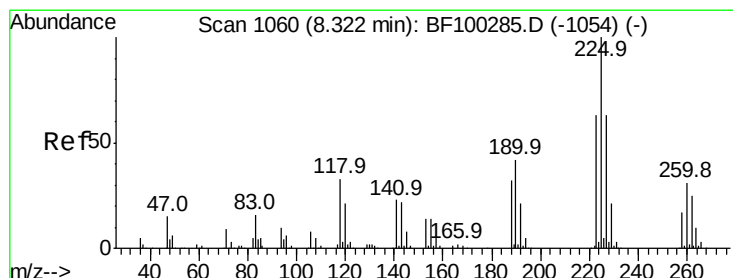
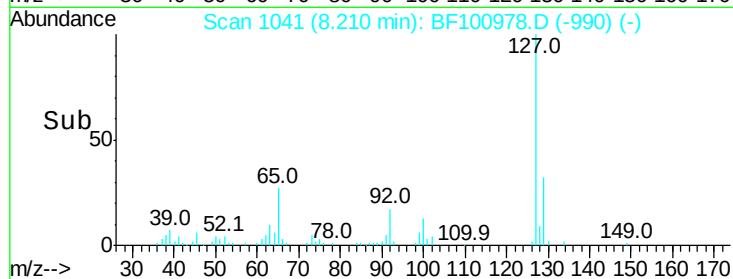
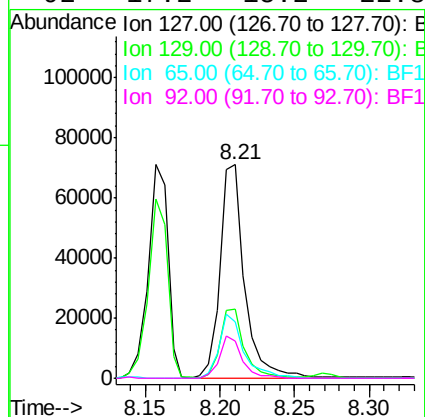
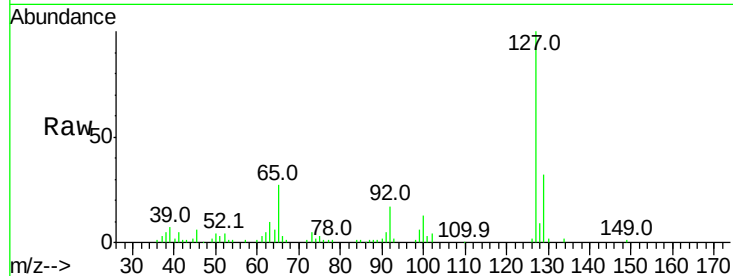
#33
4-Chloroaniline
Concen: 15.068 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	26.6	25.0	37.4		
92	17.2	15.2	22.8		

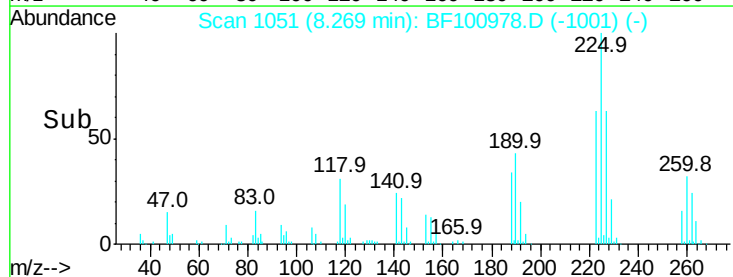
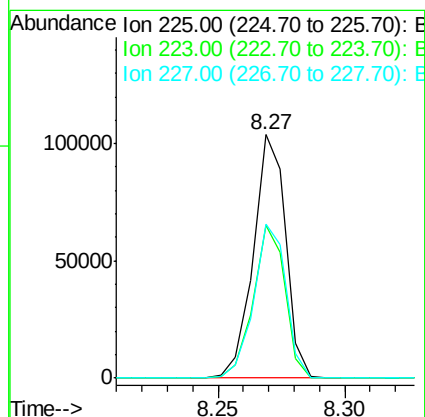
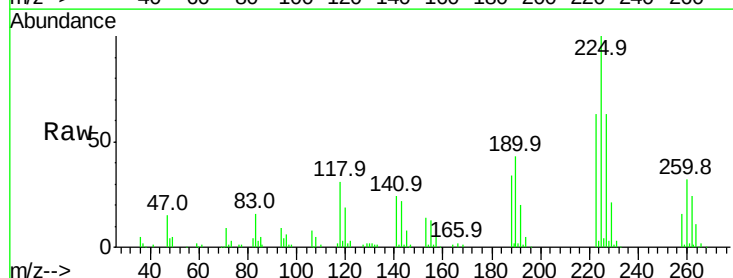
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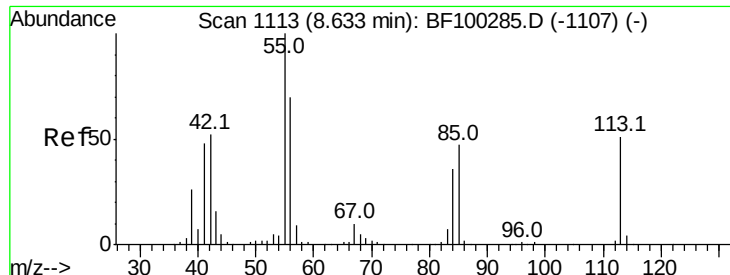
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#34
Hexachlorobutadiene
Concen: 38.258 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	63.1	51.9	77.9		





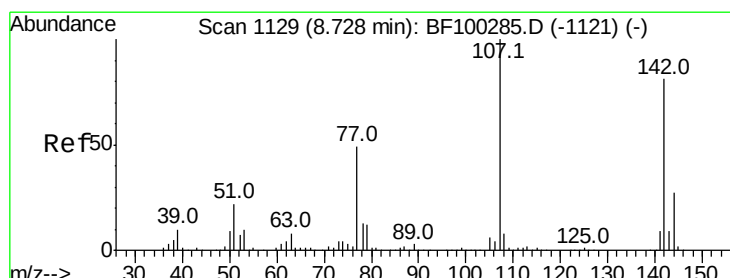
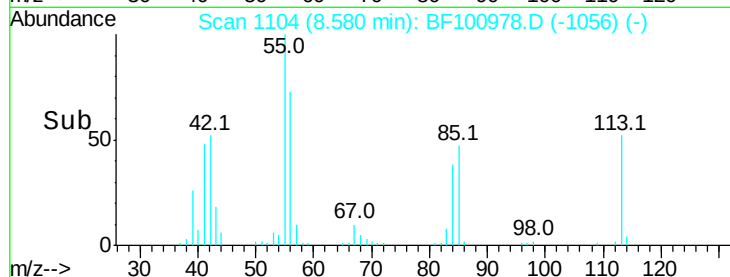
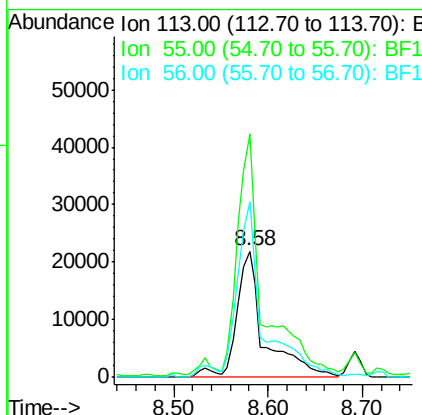
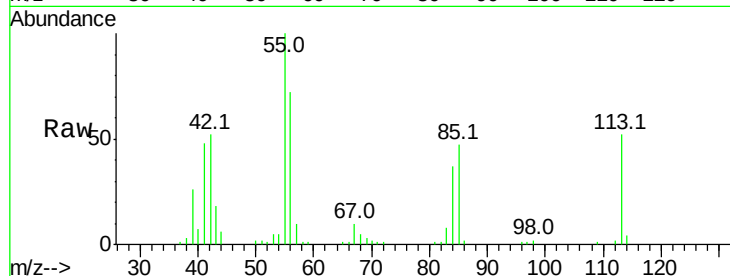
#35
 Caprolactam
 Concen: 35.206 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.5	163.3	203.3
56	139.7	115.7	155.7

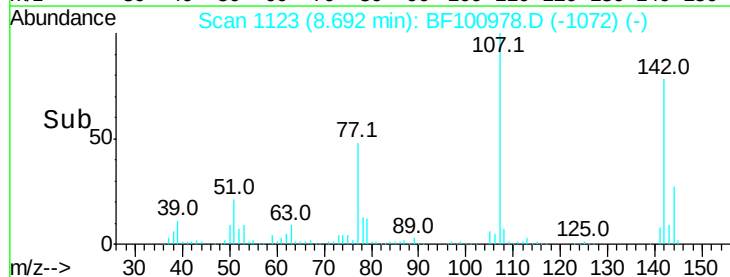
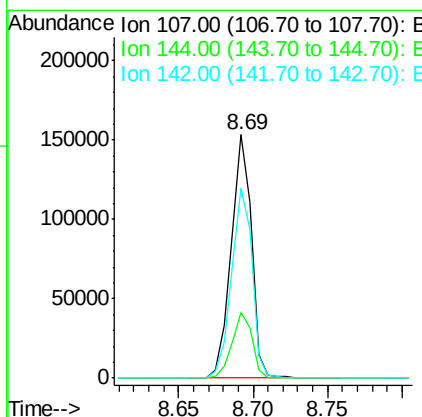
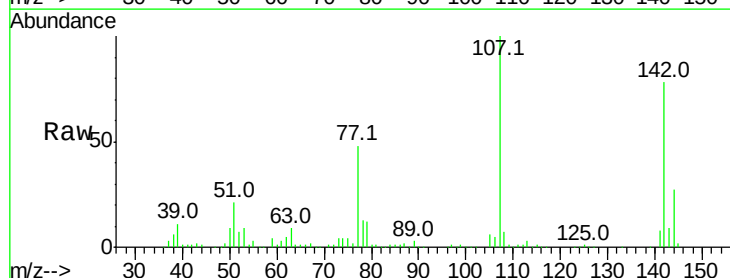
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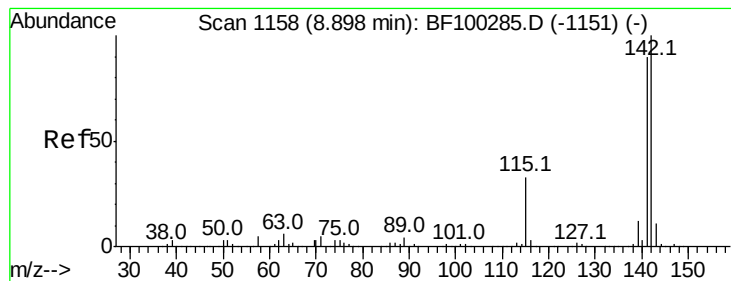
Sohil
 11/30/2017 4:29:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.065 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	77.9	62.0	93.0





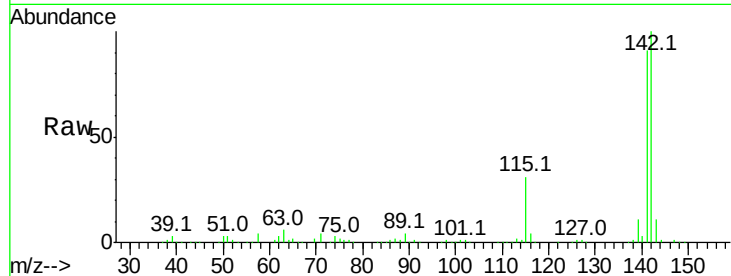
#37
2-Methylnaphthalene
Concen: 38.188 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	31.3	26.1	39.1

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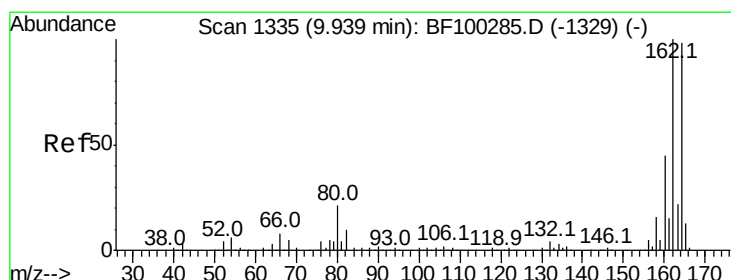
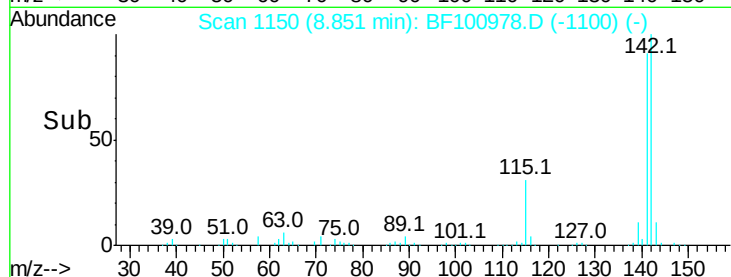
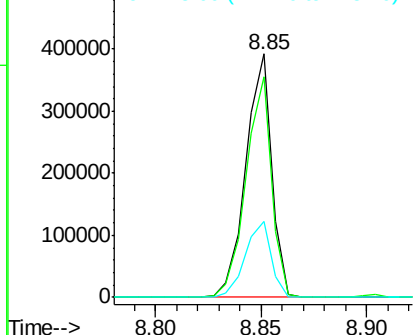


Abundance

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
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

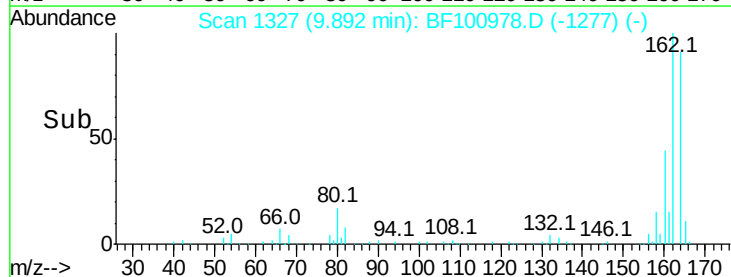
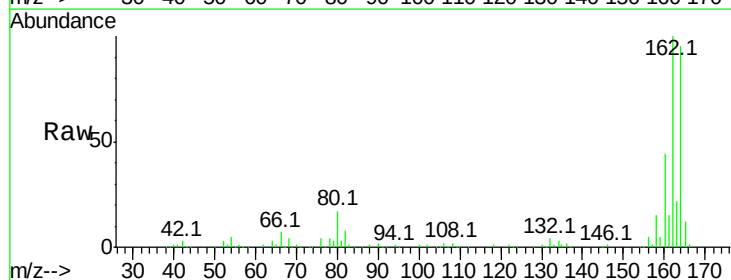
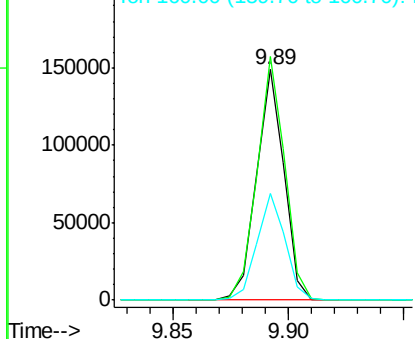
Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.3	38.3	57.5

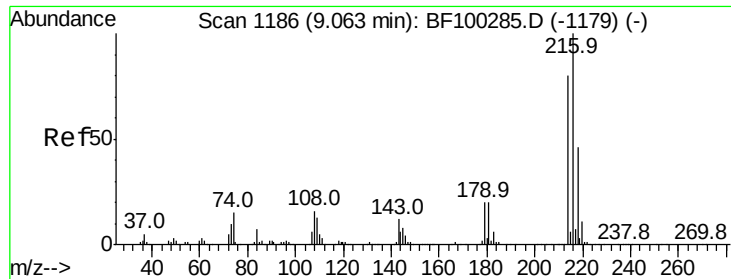
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





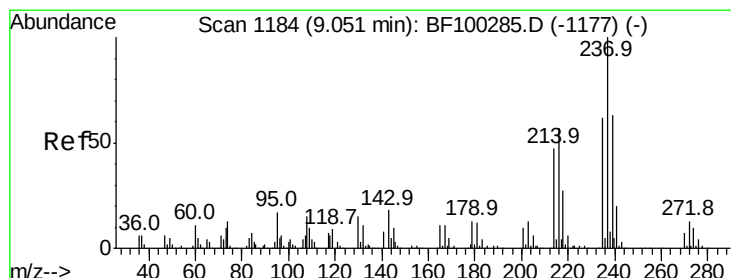
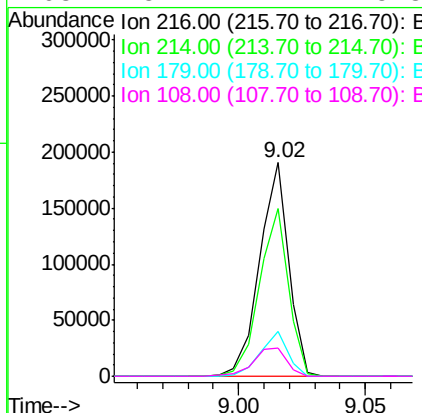
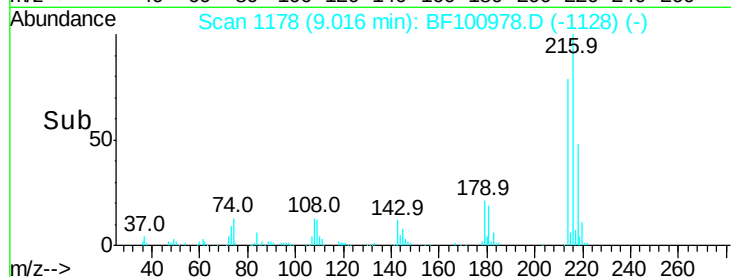
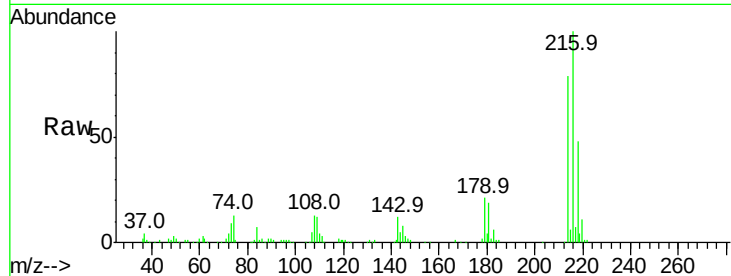
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.502 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	153037		
214	78.8	63.0	94.4	
179	19.9	18.1	27.1	
108	15.7	17.2	25.8	

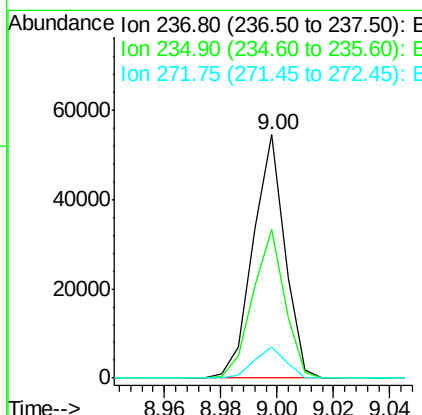
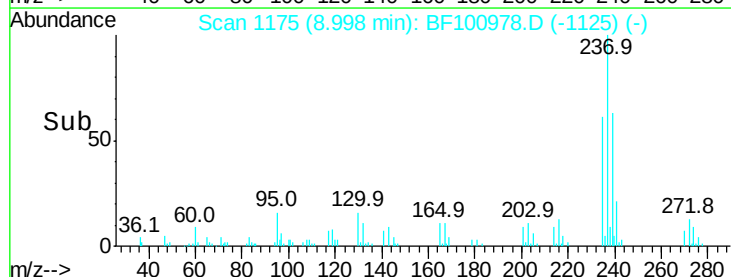
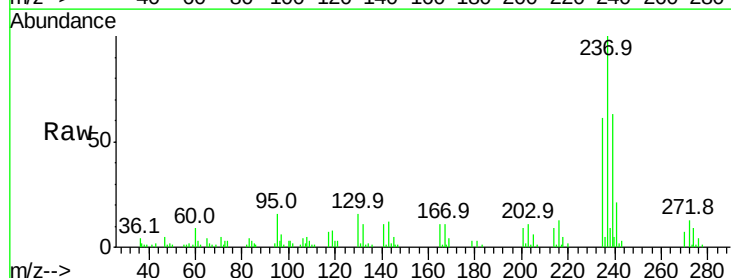
Manual Integrations
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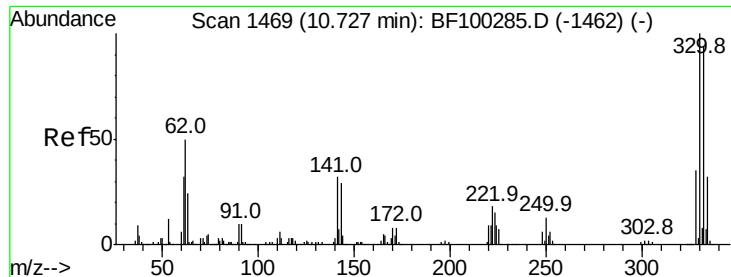
Sohil
 11/30/2017 4:29:44 PM



#40
 Hexachlorocyclopentadiene
 Concen: 22.081 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	42408		
235	61.3	44.8	84.8	
272	12.7	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 107.301 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

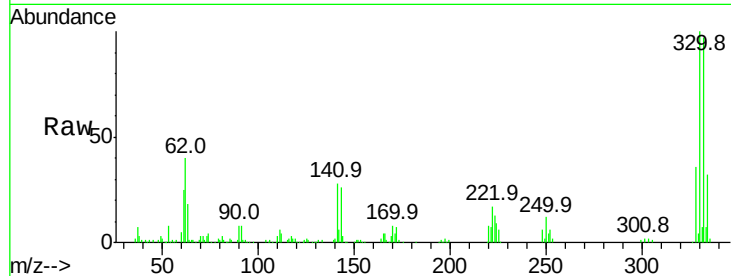
ClientSampleId :

P7-LOT-SP1-CMSD

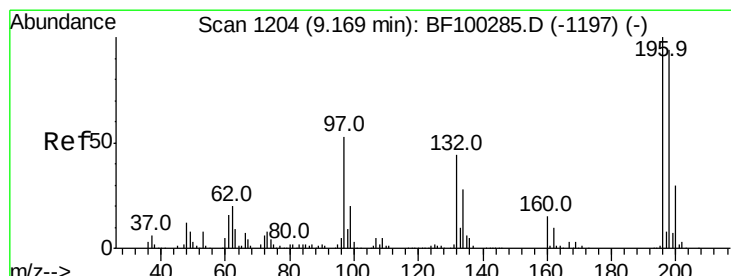
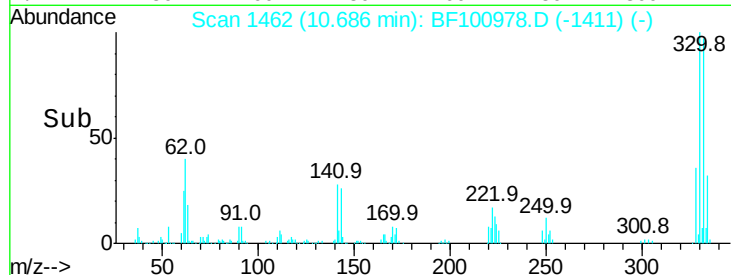
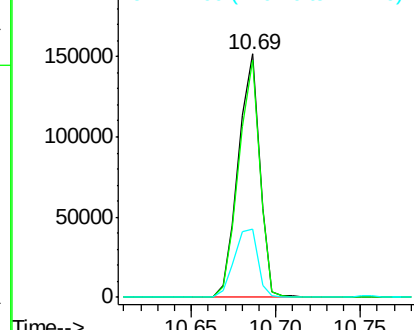
Tot Ion:	330	Resp:	134536
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.0	115.6
141	30.7	29.9	44.9

Manual Integrations
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11/30/2017 4:29:44 PM



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



#42

2,4,6-Trichlorophenol

Concen: 40.365 ng

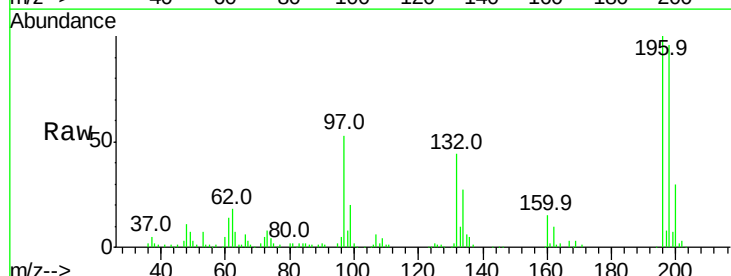
RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

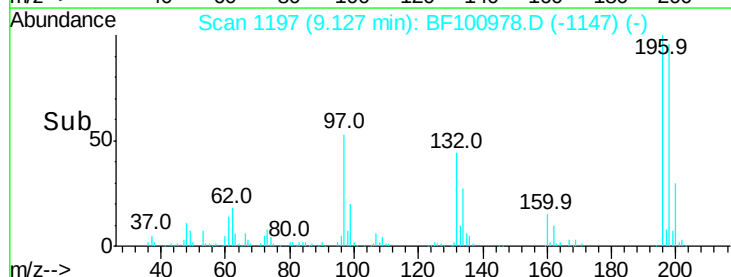
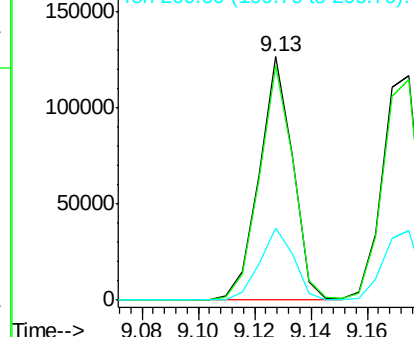
Lab File: BF100978.D

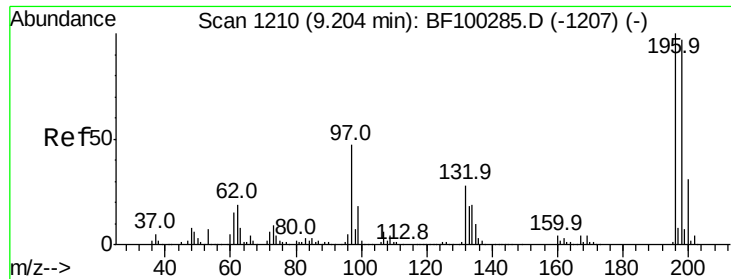
Acq: 29 Nov 2017 15:22

Tgt Ion:	196	Resp:	104398
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
200	29.6	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





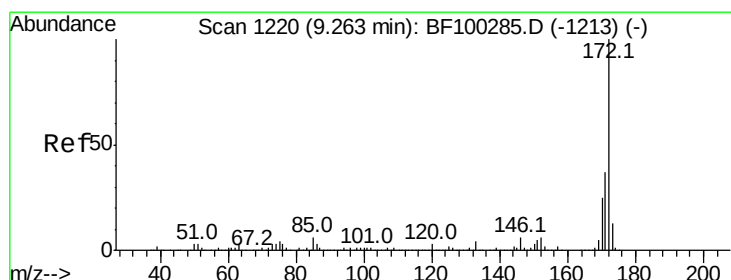
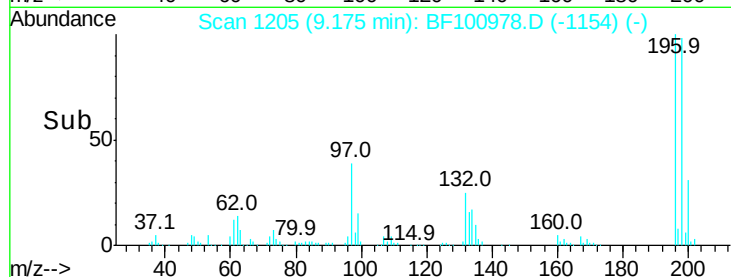
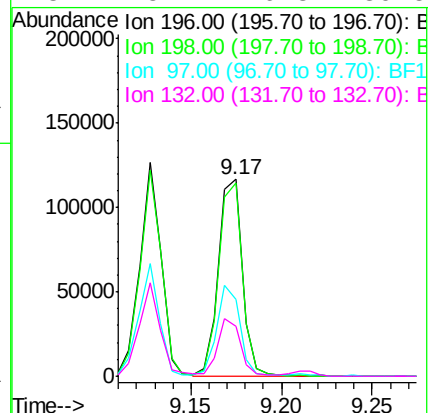
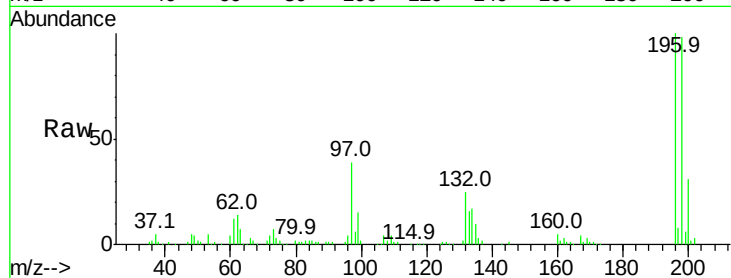
#43
 2,4,5-Trichlorophenol
 Concen: 40.343 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108104		
198	98.1	74.6	112.0	
97	39.2	42.9	64.3	
132	25.2	26.3	39.5	

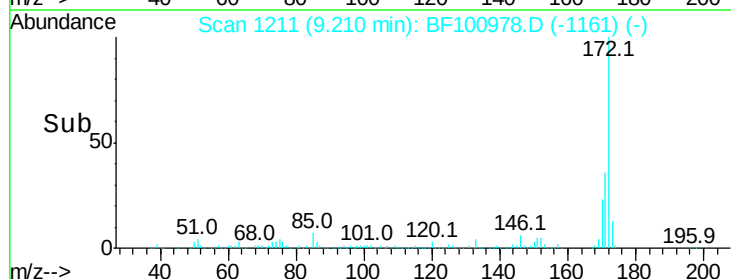
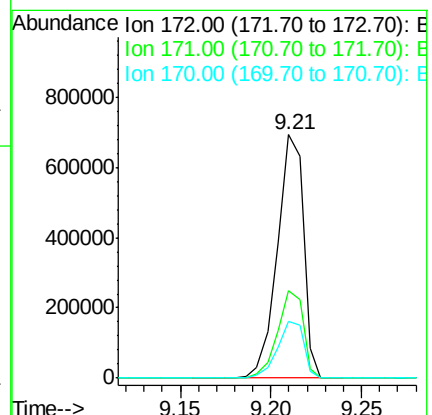
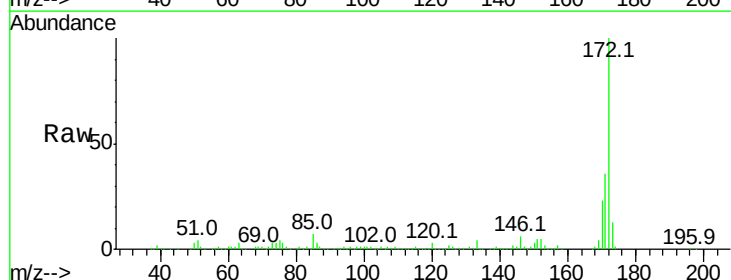
Manual Integrations
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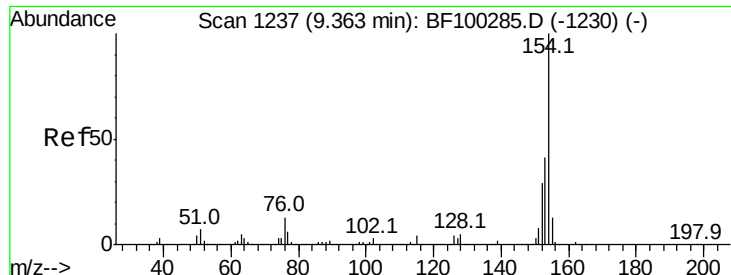
Sohil
 11/30/2017 4:29:44 PM



#44
 2-Fluorobiphenyl
 Concen: 85.910 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	694203		
171	36.1	29.7	44.5	
170	23.4	19.6	29.4	





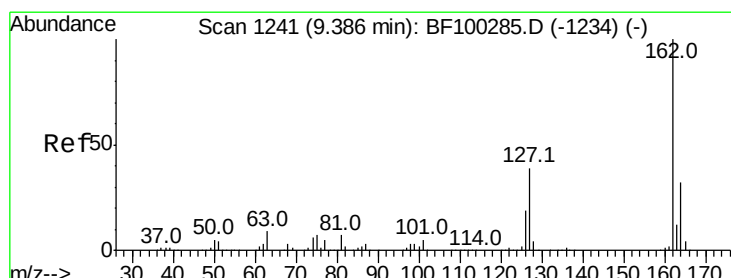
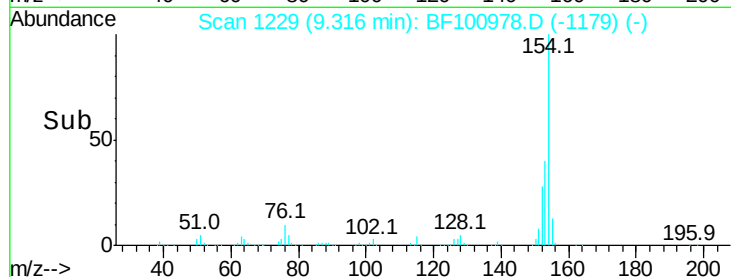
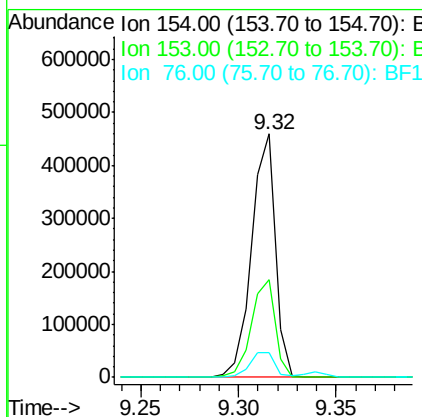
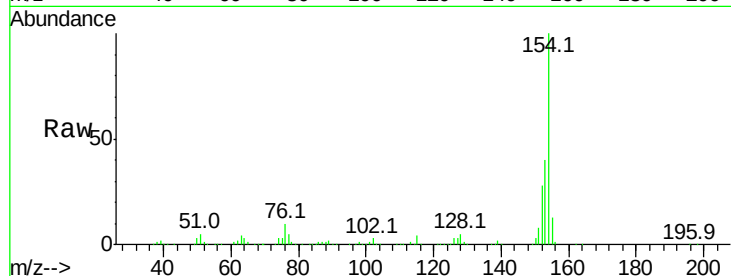
#45
 1,1'-Biphenyl
 Concen: 36.419 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.0	21.3	61.3	
76	9.9	0.0	34.0	

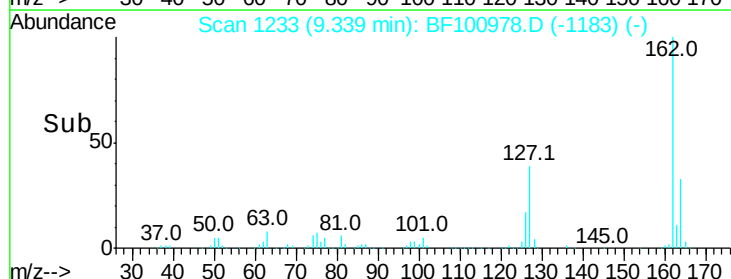
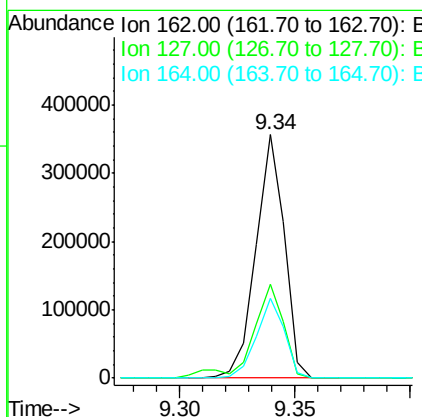
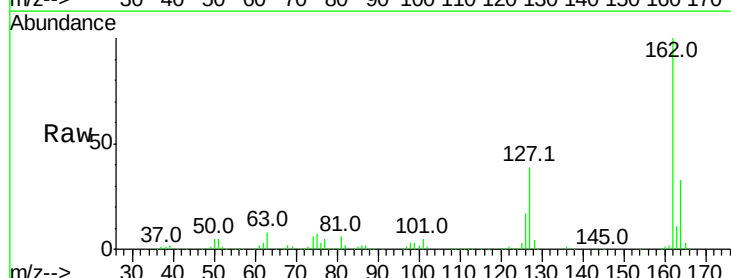
Manual Integrations
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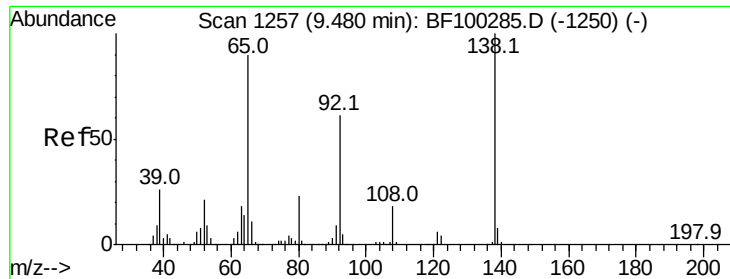
Sohil
 11/30/2017 4:29:44 PM



#46
 2-Chloronaphthalene
 Concen: 39.745 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	33.9	50.9	
164	32.5	26.5	39.7	





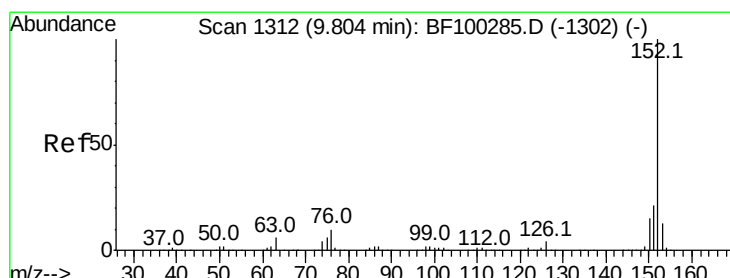
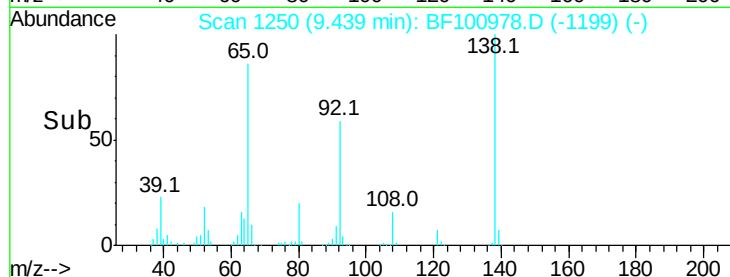
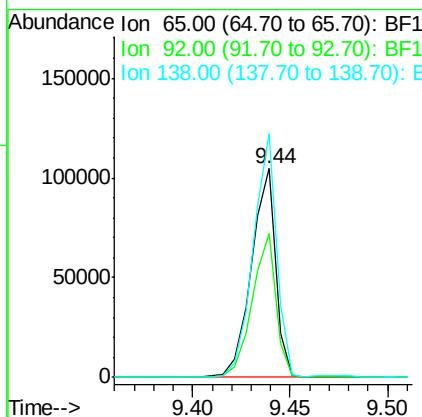
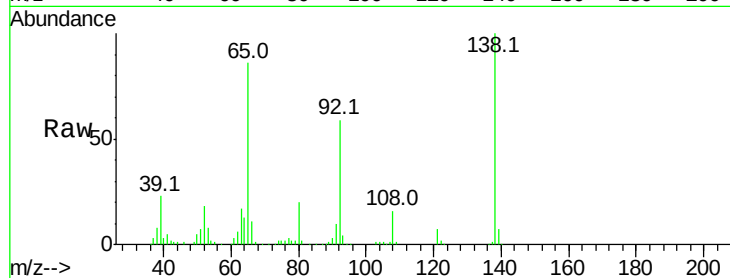
#47
2-Nitroaniline
Concen: 39.904 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	116.8	91.2	136.8

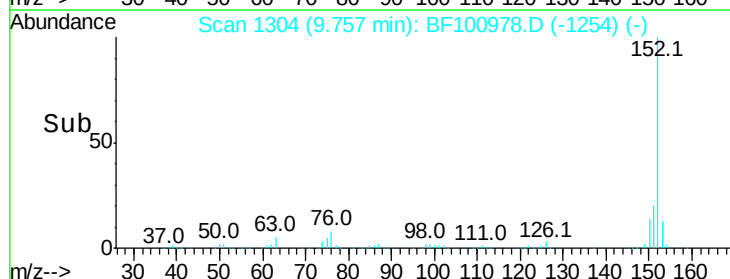
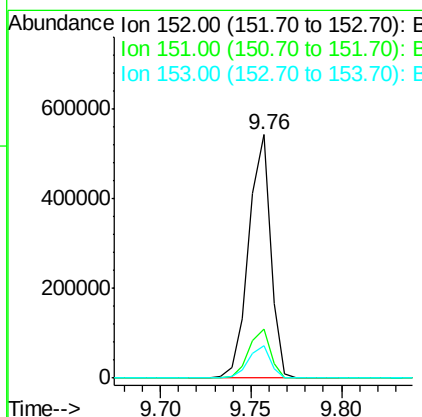
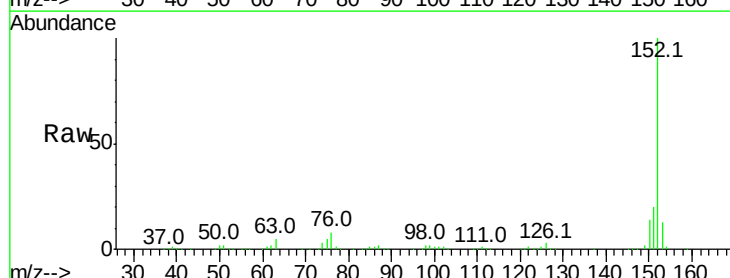
Manual Integrations
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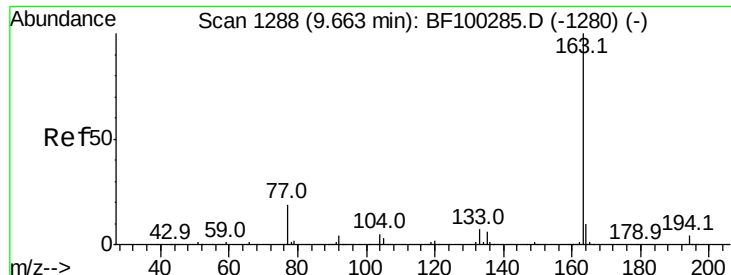
Sohil
11/30/2017 4:29:44 PM



#48
Acenaphthylene
Concen: 35.721 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.7	16.1





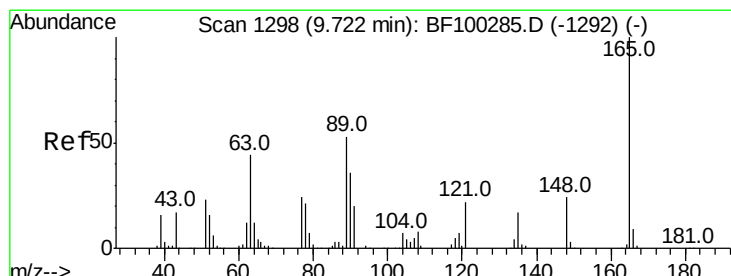
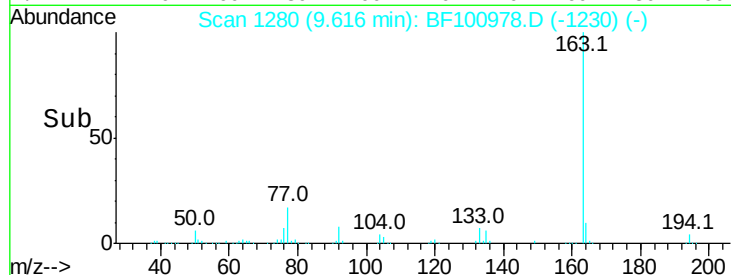
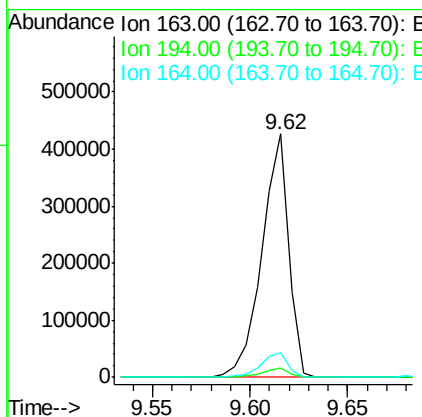
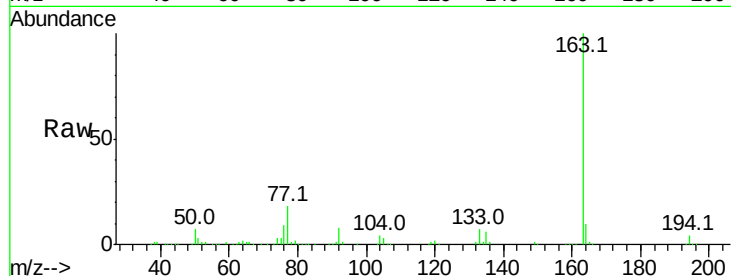
#49
Dimethylphthalate
Concen: 43.024 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.3	8.2	12.2	

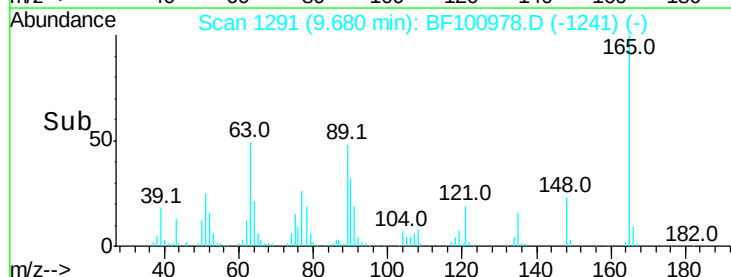
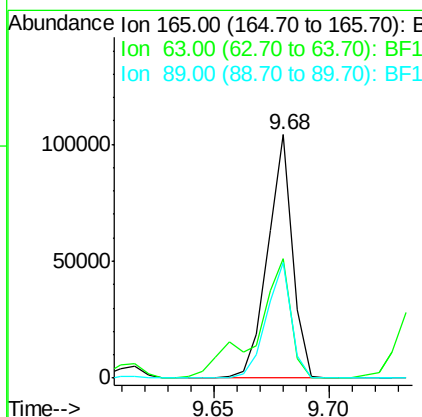
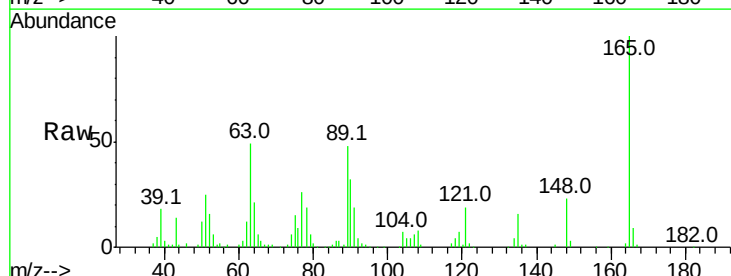
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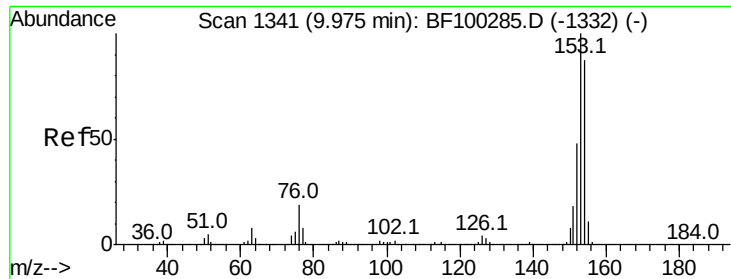
Sohil
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#50
2,6-Dinitrotoluene
Concen: 41.733 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.0	44.7	67.1	
89	47.7	44.0	66.0	





#51

Acenaphthene

Concen: 33.989 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

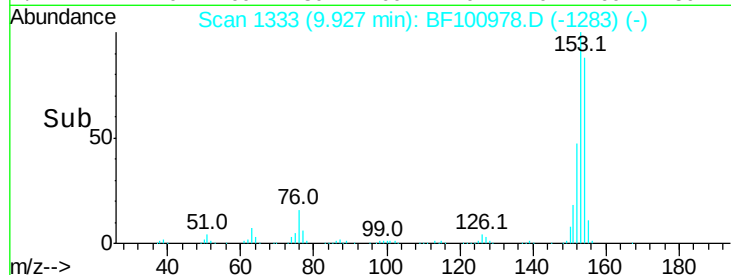
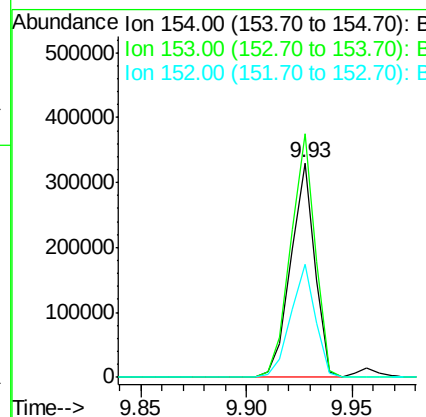
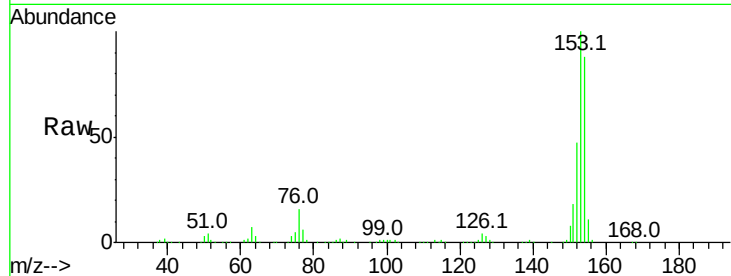
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	154	Resp:	264480
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	53.0	43.8	65.8

Manual Integrations
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Sohil
11/30/2017 4:29:44 PM



#52

3-Nitroaniline

Concen: 29.322 ng

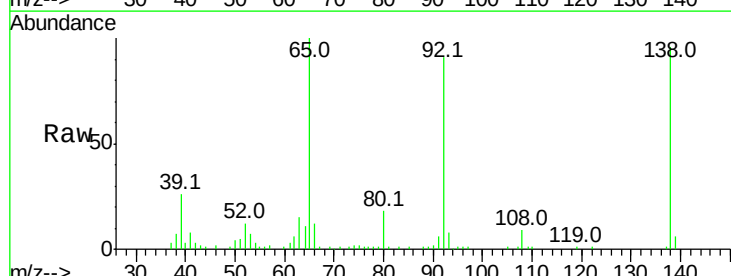
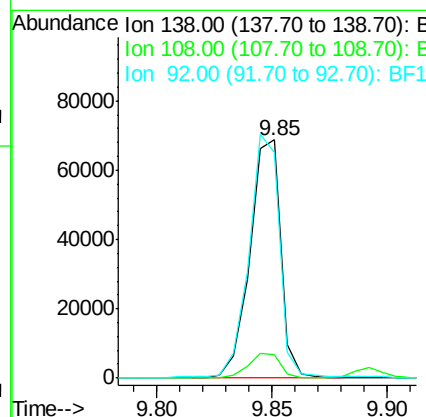
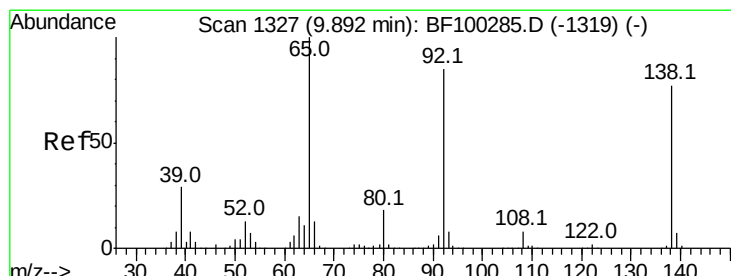
RT: 9.85 min Scan# 1320

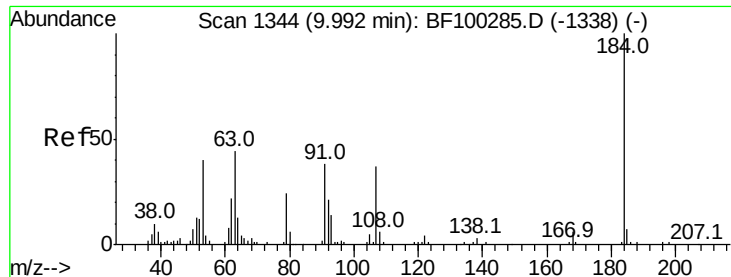
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	138	Resp:	64388
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	94.8	89.4	134.2





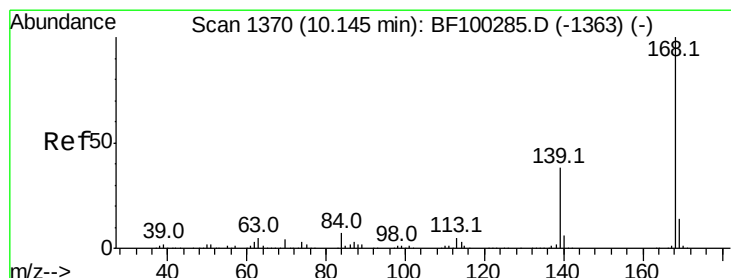
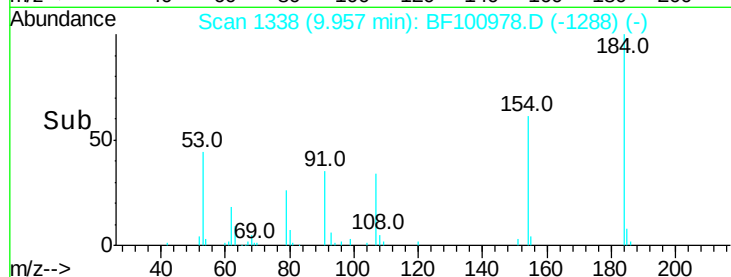
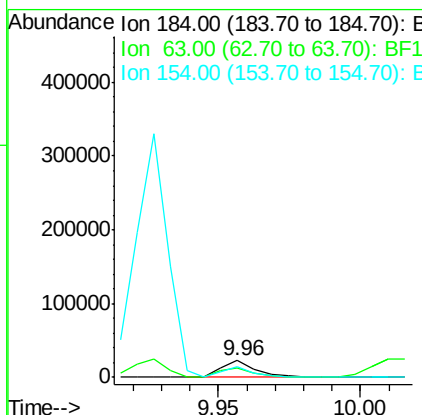
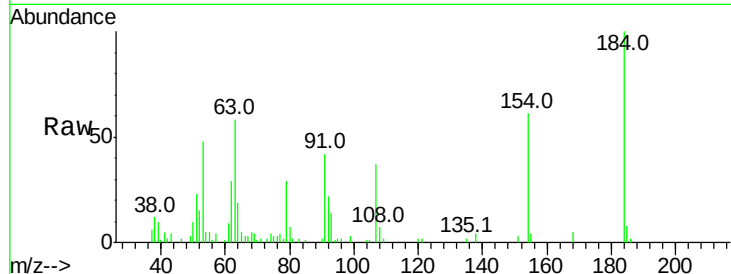
#53
2,4-Dinitrophenol
Concen: 35.522 ng m
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.6	54.2	81.2
154	60.7	184.0	276.0#

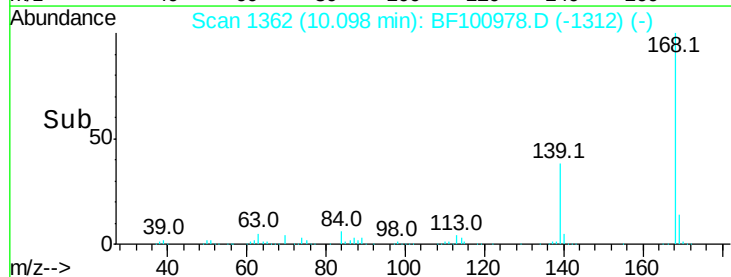
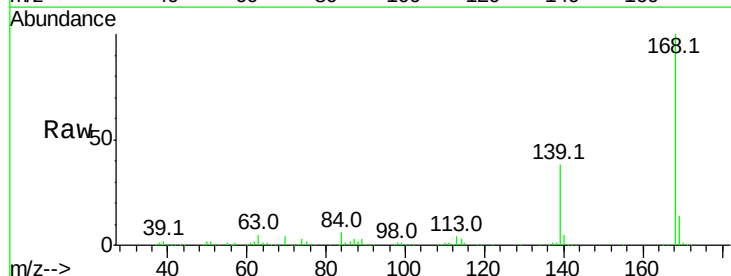
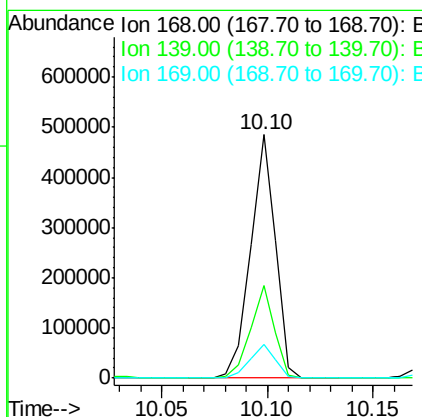
Manual Integrations
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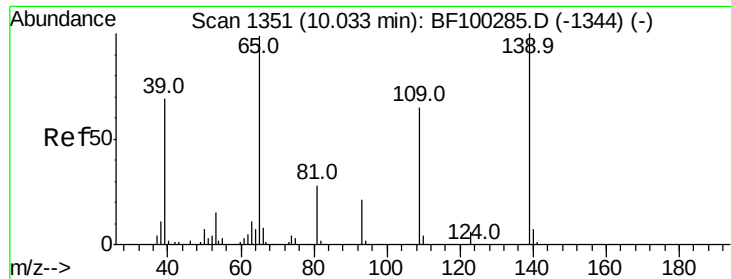
Sohil
11/30/2017 4:29:44 PM



#54
Dibenzofuran
Concen: 36.340 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.1	45.1
169	13.7	10.9	16.3





#55

4-Nitrophenol

Concen: 57.292 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

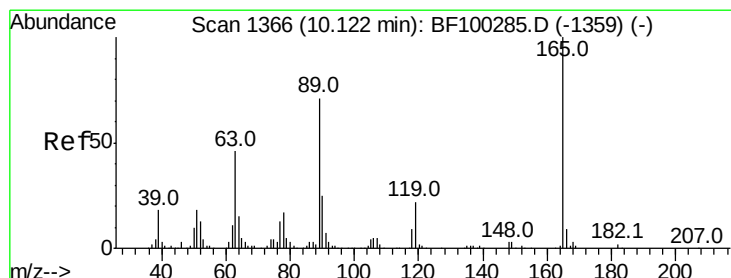
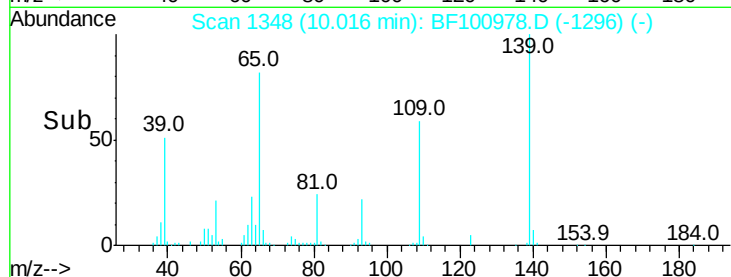
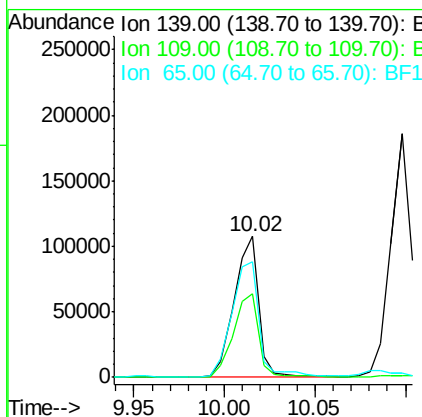
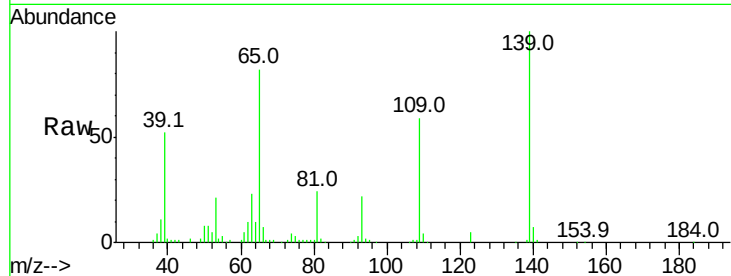
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	139	Resp:	102154
Ion Ratio	Lower	Upper	
139	100		
109	59.0	48.4	88.4
65	81.7	72.6	112.6

Manual Integrations
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Sohil
11/30/2017 4:29:44 PM



#56

2,4-Dinitrotoluene

Concen: 41.406 ng

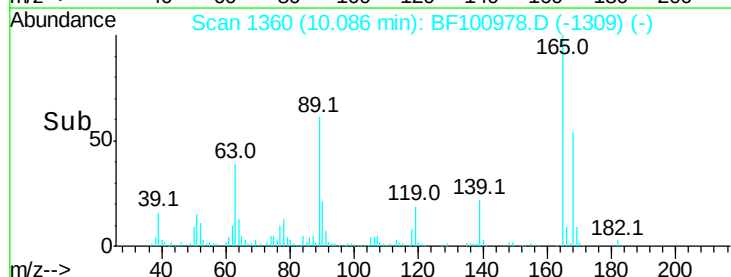
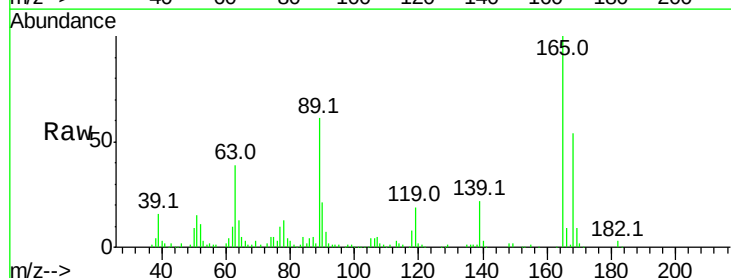
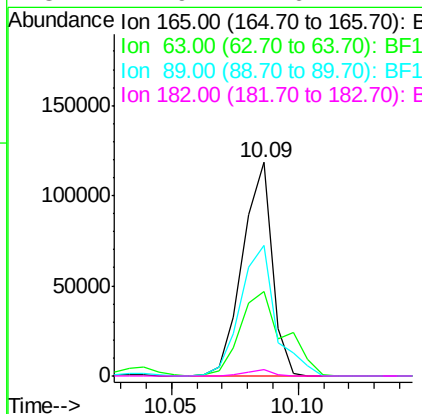
RT: 10.09 min Scan# 1360

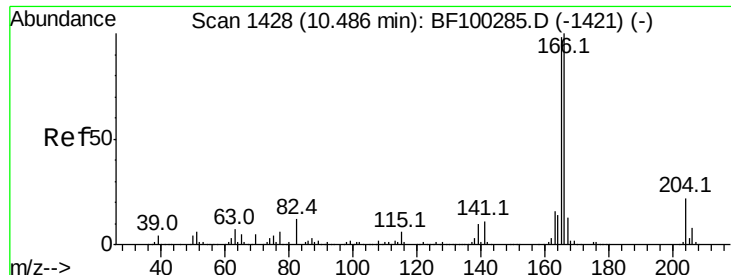
Delta R.T. -0.00 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	165	Resp:	97136
Ion Ratio	Lower	Upper	
165	100		
63	39.4	36.4	54.6
89	61.1	57.8	86.6
182	2.9	1.6	2.4#





#57

Fluorene

Concen: 38.192 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

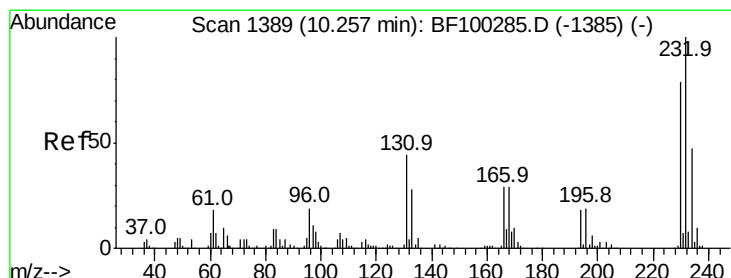
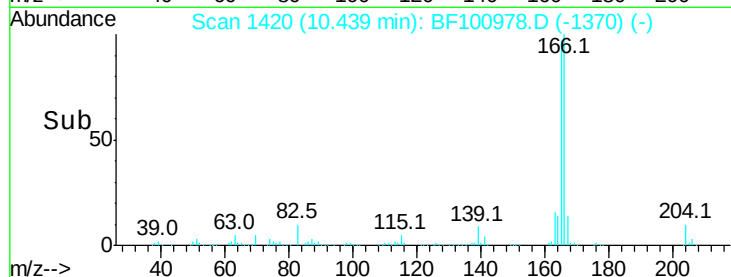
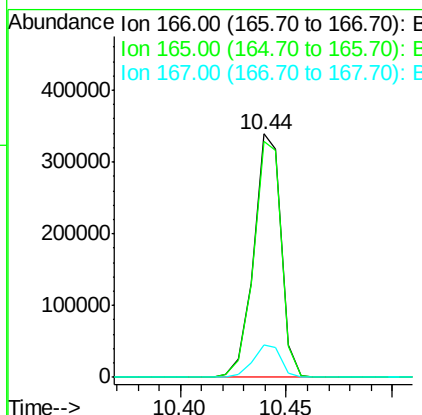
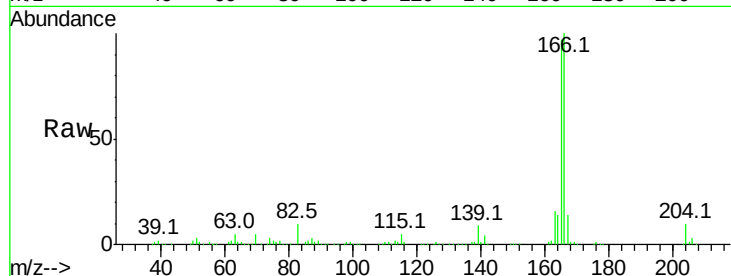
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	166	Resp:	305131
Ion Ratio	Lower	Upper	
166	100		
165	96.8	79.8	119.8
167	13.6	10.6	16.0

Manual Integrations
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11/30/2017 4:29:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.840 ng

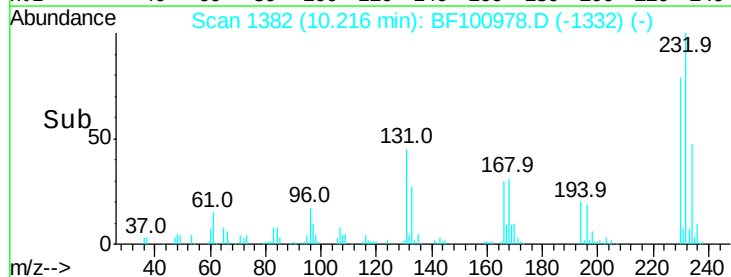
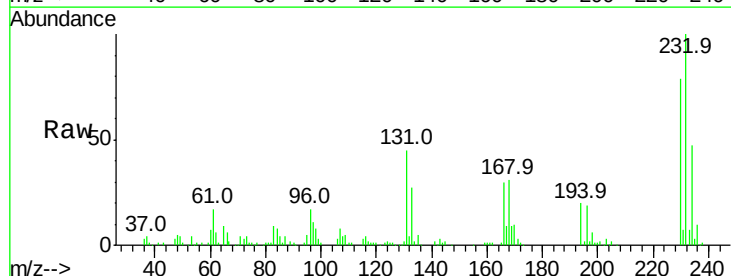
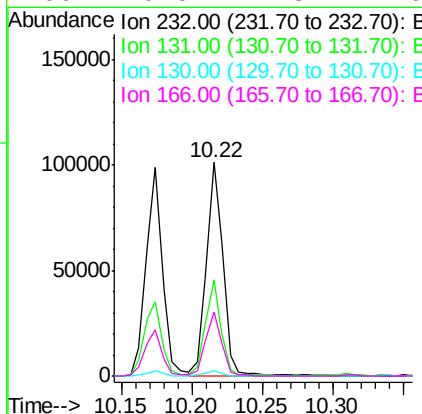
RT: 10.22 min Scan# 1382

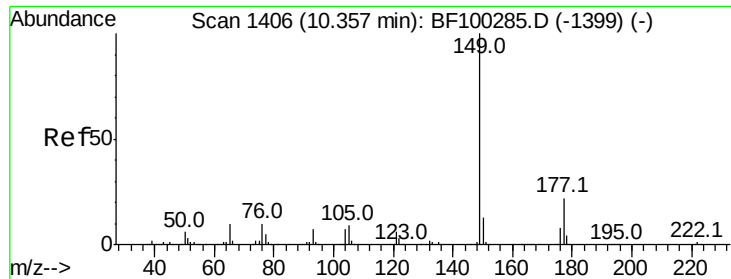
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	232	Resp:	83103
Ion Ratio	Lower	Upper	
232	100		
131	42.7	43.8	65.8#
130	2.0	2.1	3.1#
166	29.0	27.8	41.6





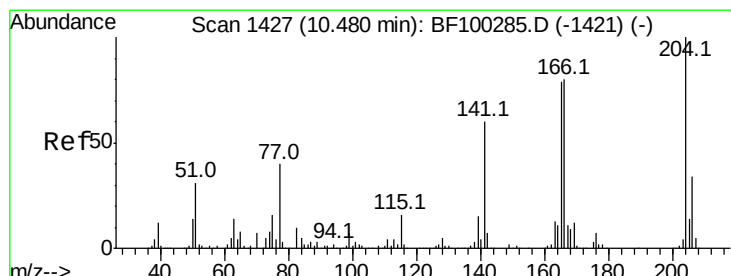
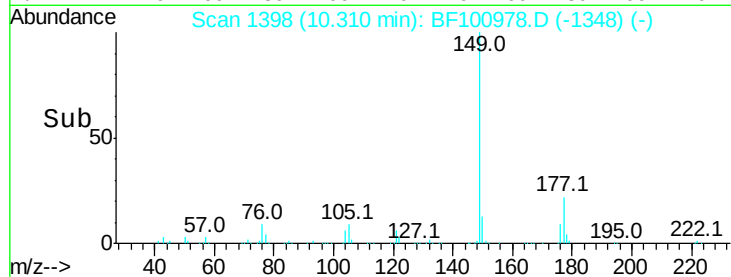
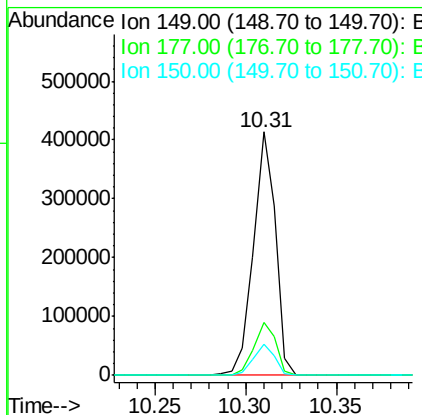
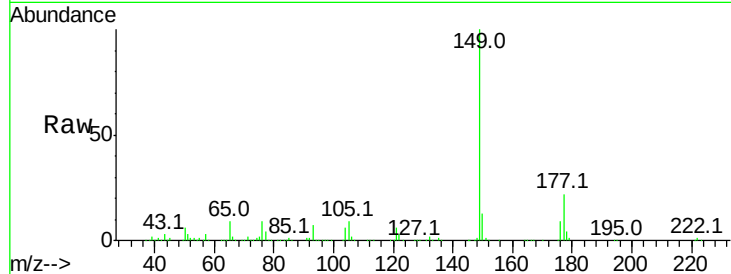
#59
Diethylphthalate
Concen: 37.273 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	350413		
177	21.7	16.1	24.1	
150	12.8	10.1	15.1	

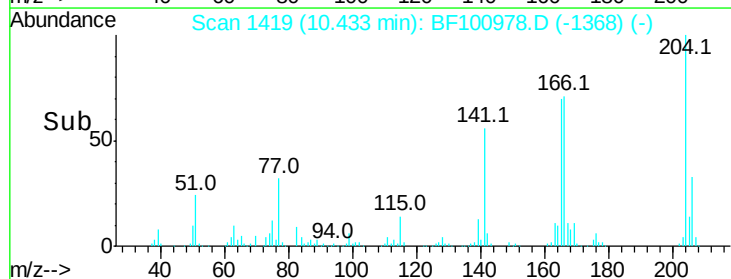
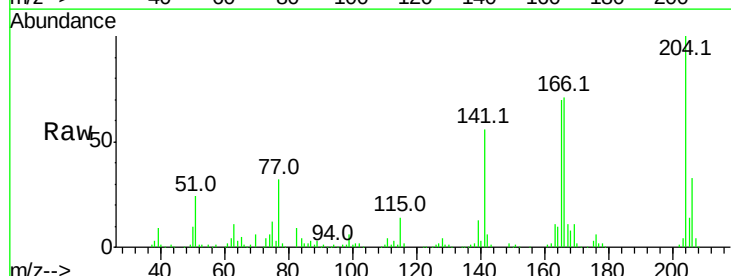
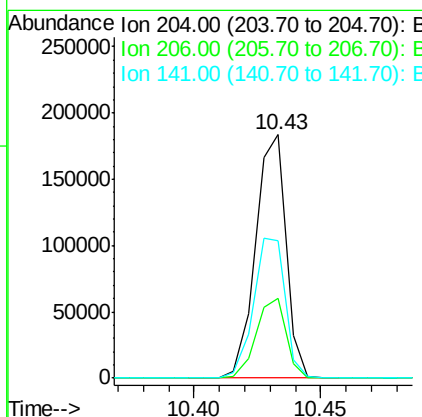
Manual Integrations
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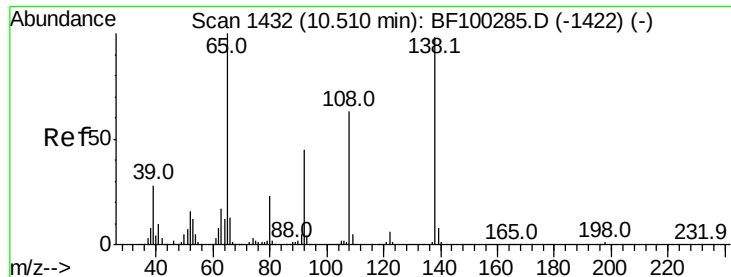
Sohil
11/30/2017 4:29:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.498 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	154804		
206	32.6	26.5	39.7	
141	56.4	54.6	81.8	





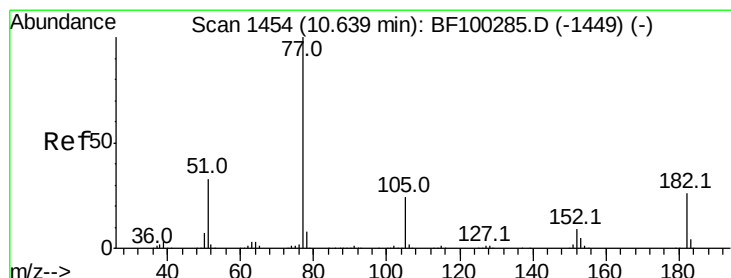
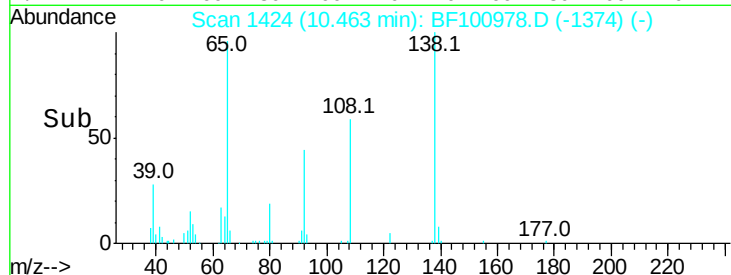
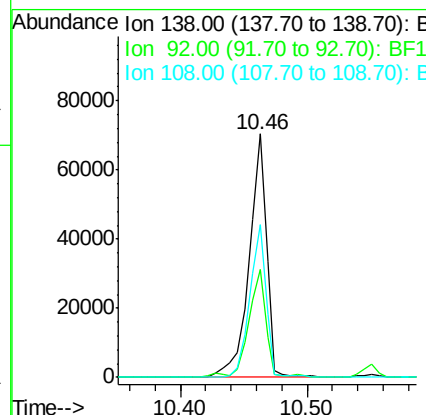
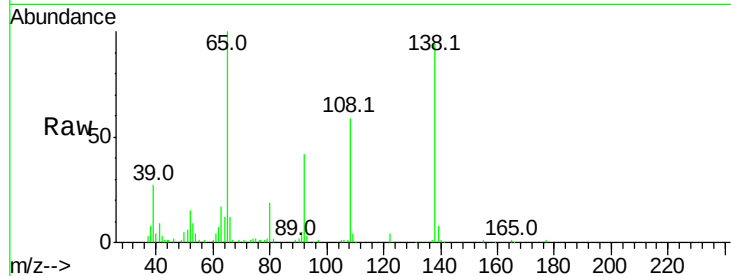
#61
4-Nitroaniline
Concen: 32.136 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.4	30.2	70.2
108	62.7	52.5	92.5

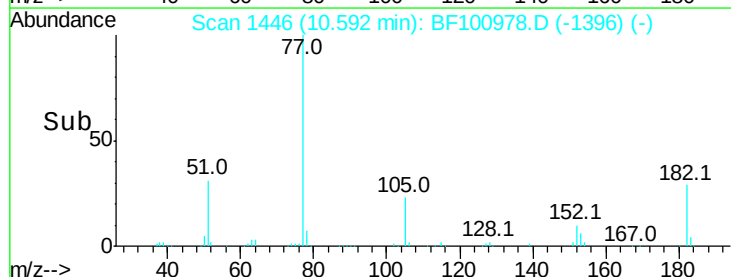
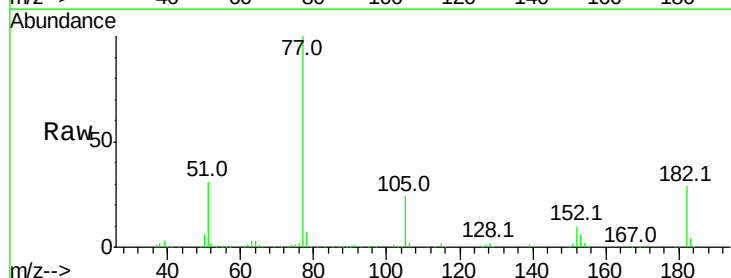
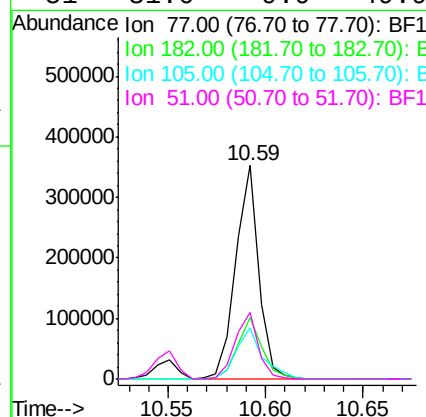
Manual Integrations
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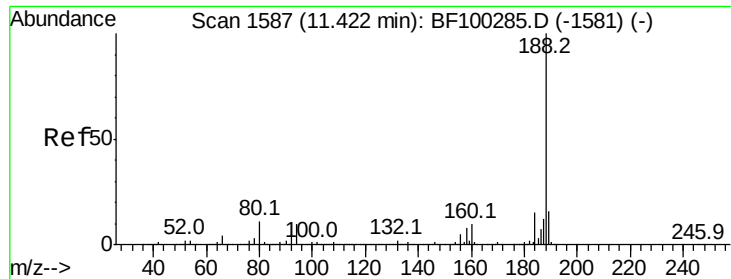
Sohil
11/30/2017 4:29:44 PM



#62
Azobenzene
Concen: 32.593 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	23.9	3.0	43.0
51	31.0	9.9	49.9





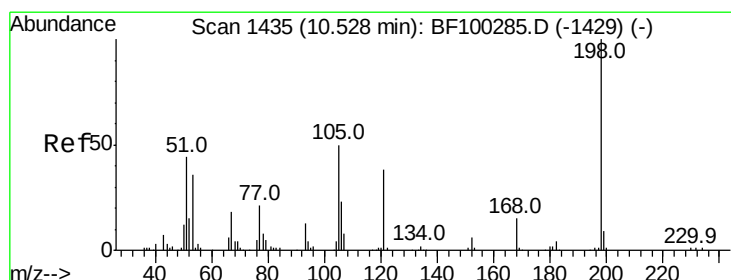
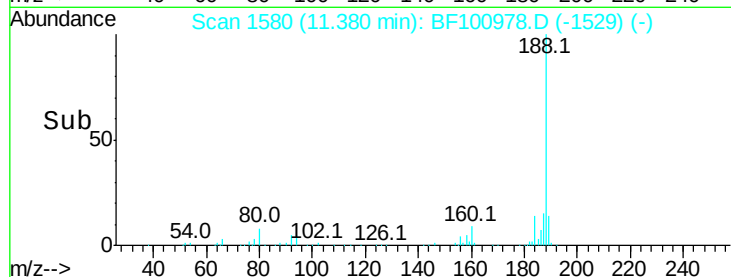
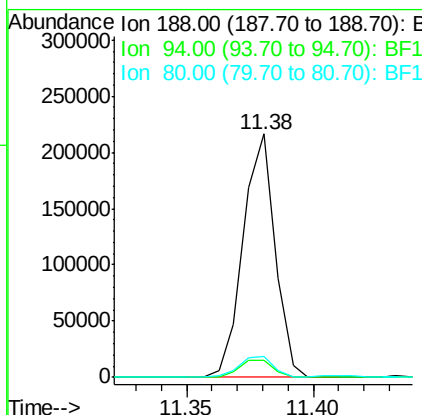
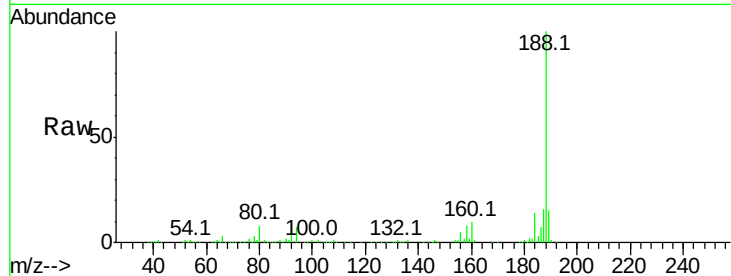
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	8.5	12.7#
80	8.4	9.2	13.8#

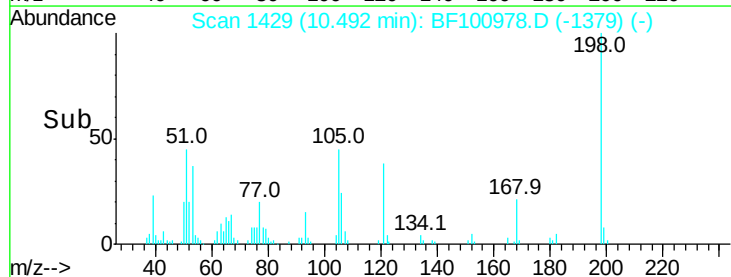
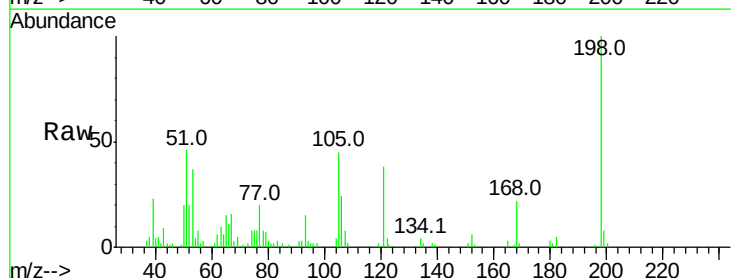
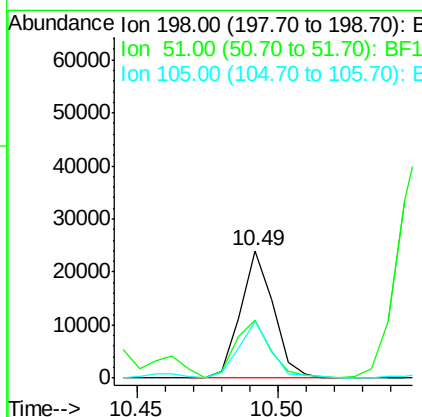
Manual Integrations
APPROVED

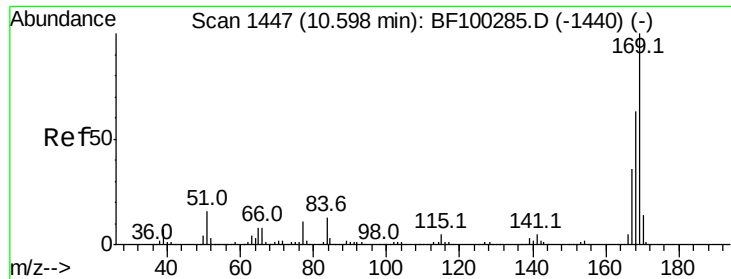
Sohil
11/30/2017 4:29:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 25.253 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	46.0	37.7	77.7
105	44.9	36.3	76.3





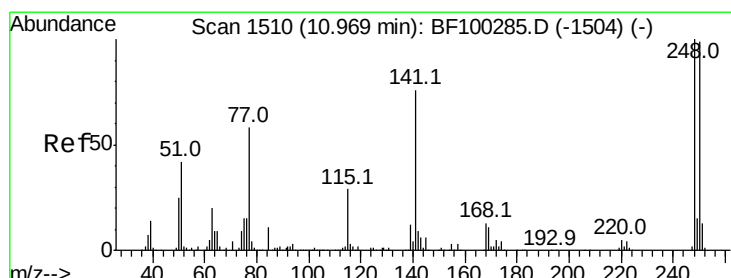
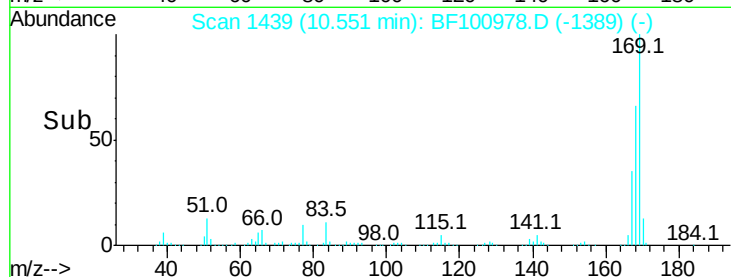
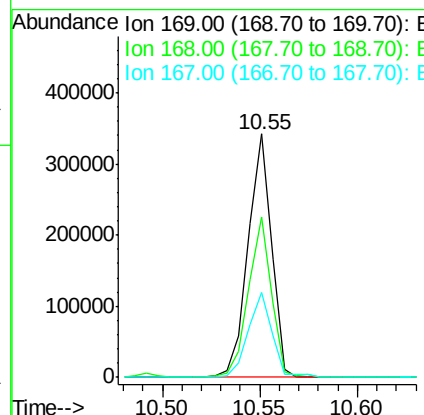
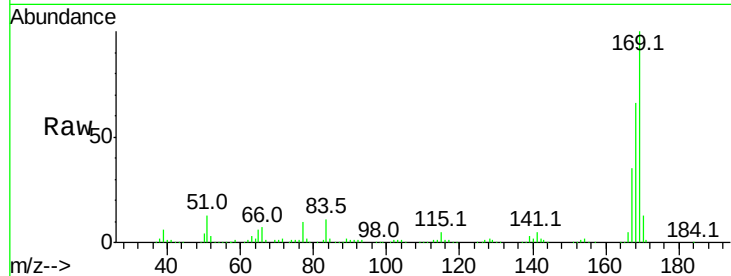
#65
 n-Nitrosodiphenylamine
 Concen: 43.330 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	285537		
168	66.1	54.4	81.6	
167	34.8	29.8	44.6	

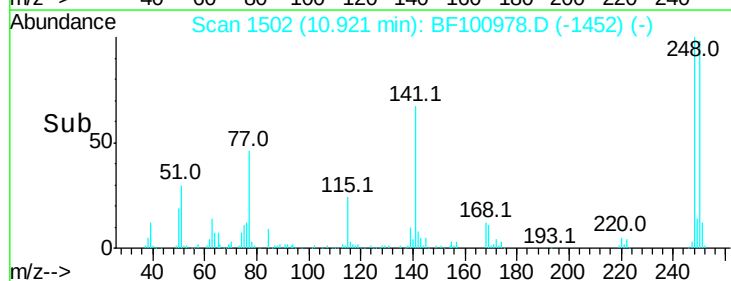
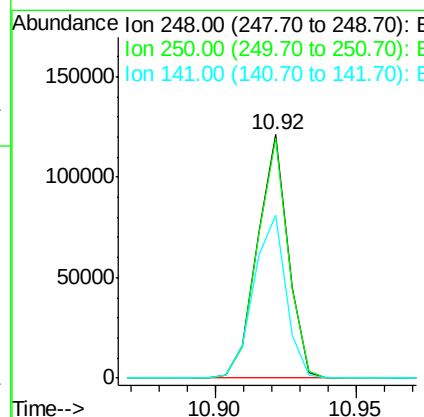
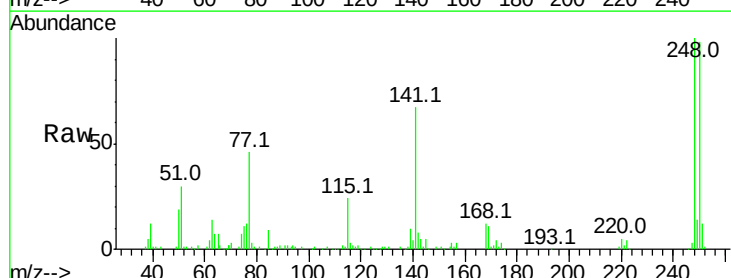
Manual Integrations
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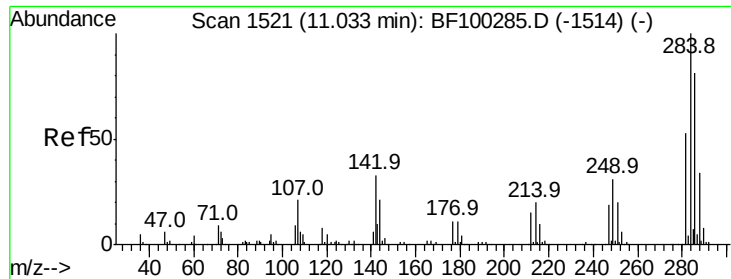
Sohil
 11/30/2017 4:29:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.983 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	91388		
250	98.4	76.9	115.3	
141	67.0	74.4	111.6	





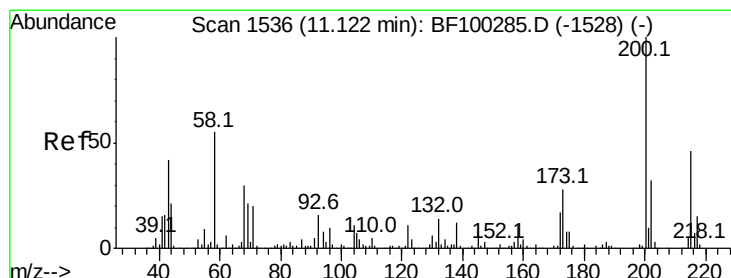
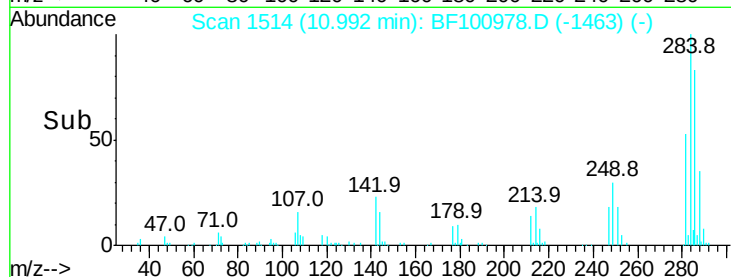
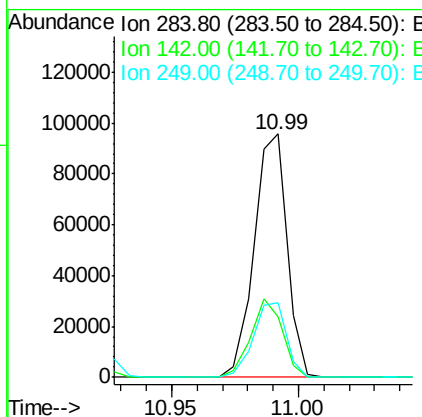
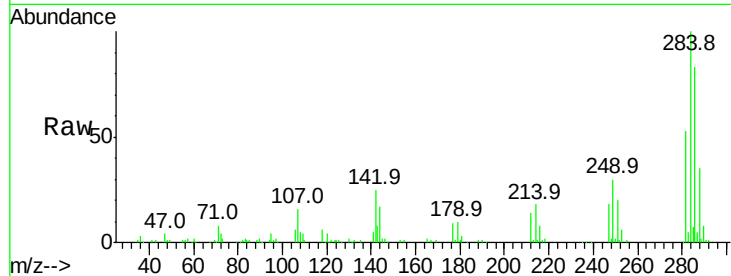
#67
Hexachlorobenzene
Concen: 41.093 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.0	34.6	52.0#
249	30.5	24.8	37.2

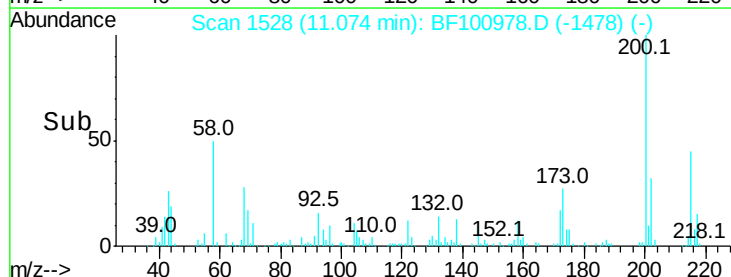
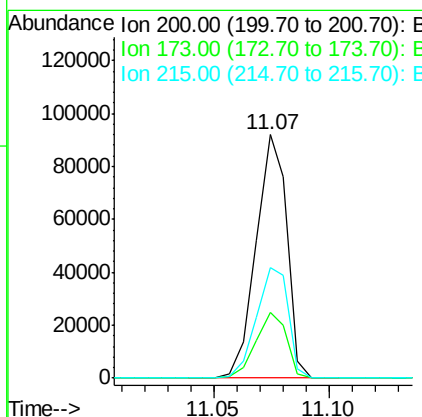
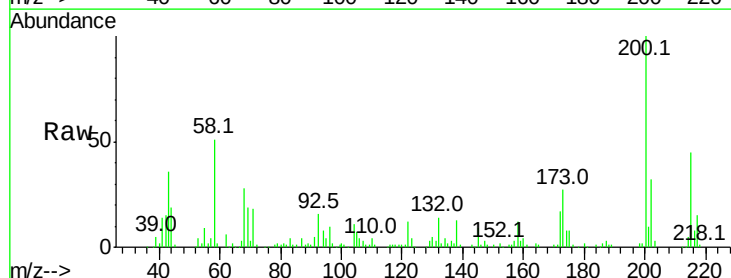
Manual Integrations
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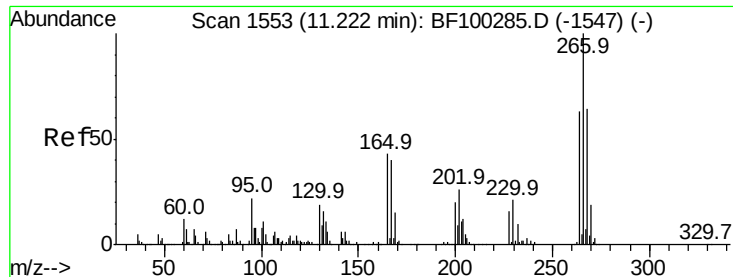
Sohil
11/30/2017 4:29:44 PM



#68
Atrazine
Concen: 42.903 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.6	48.6
215	45.4	25.1	65.1





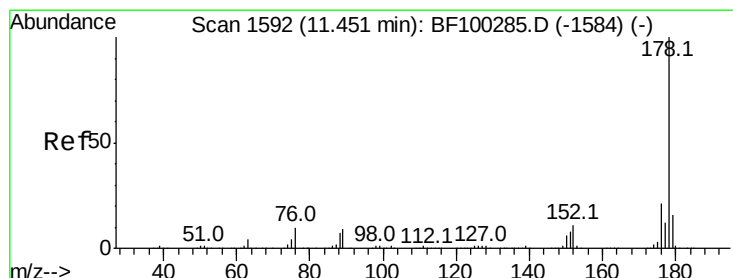
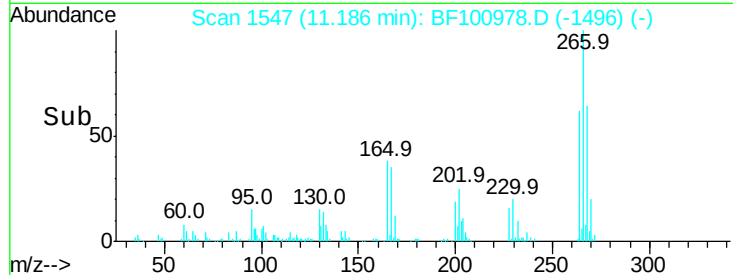
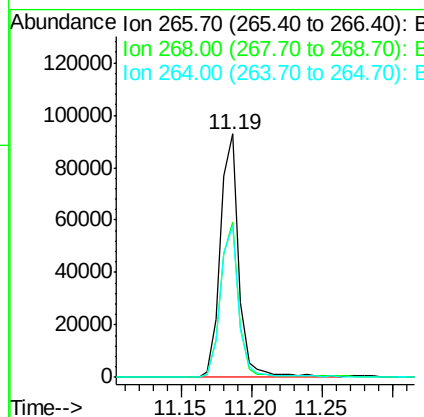
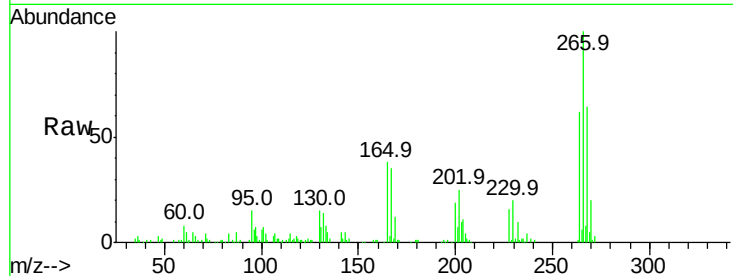
#69
 Pentachlorophenol
 Concen: 55.757 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	62.3	49.5	74.3

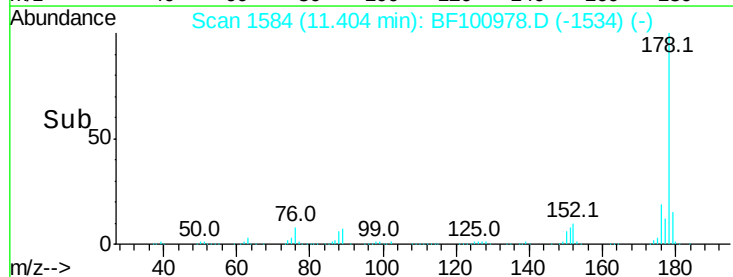
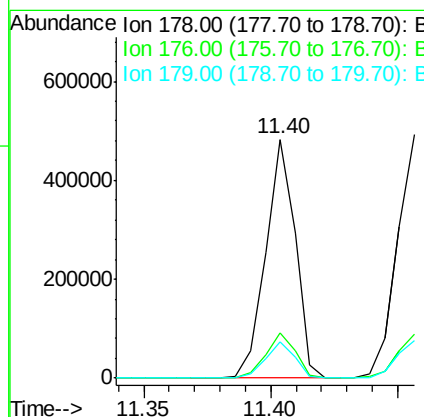
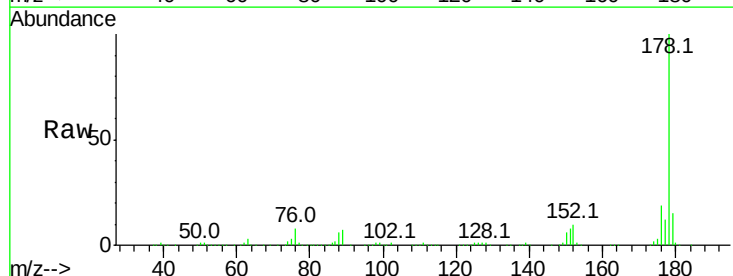
Manual Integrations
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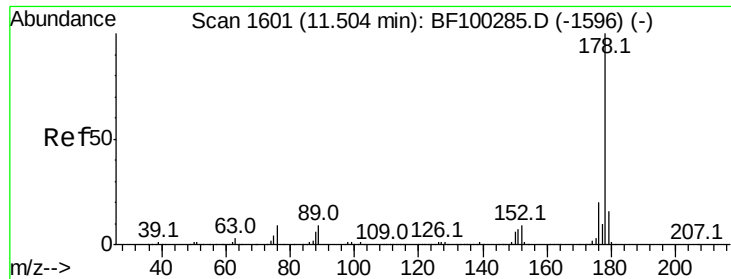
Sohil
 11/30/2017 4:29:44 PM



#70
 Phenanthrene
 Concen: 39.590 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.4	13.0	19.6





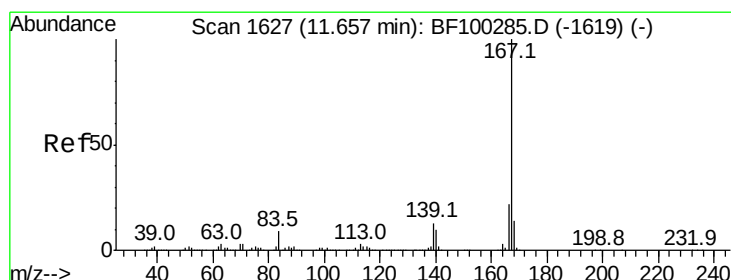
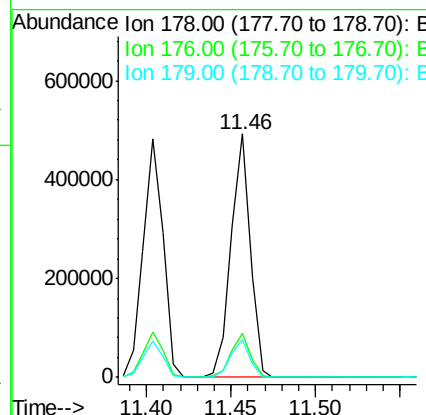
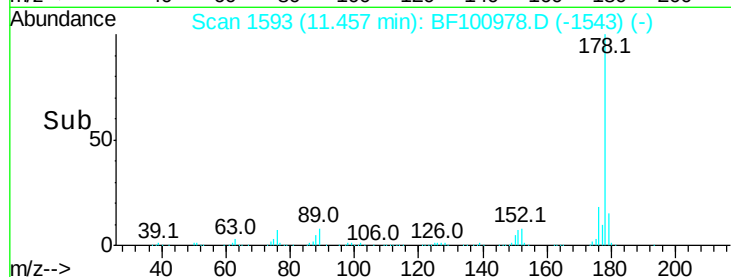
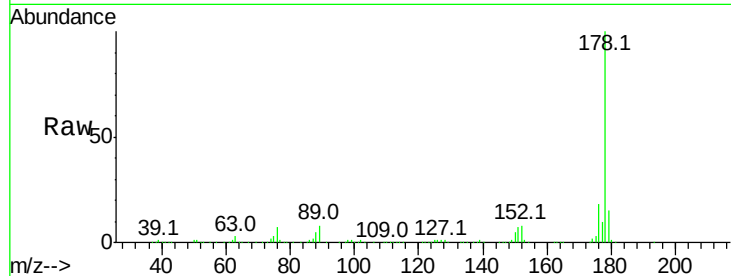
#71
 Anthracene
 Concen: 38.575 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.2	12.6	19.0

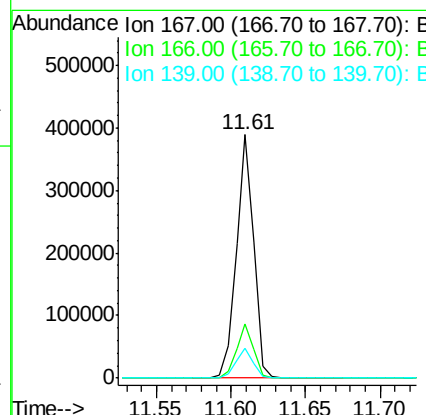
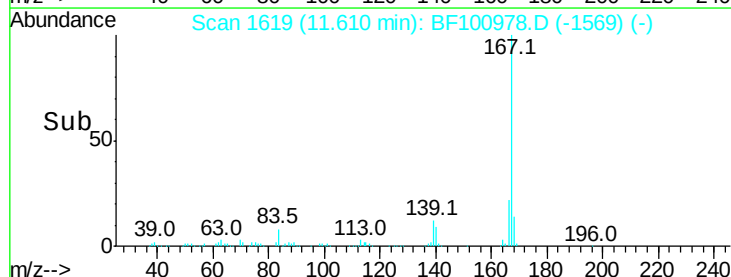
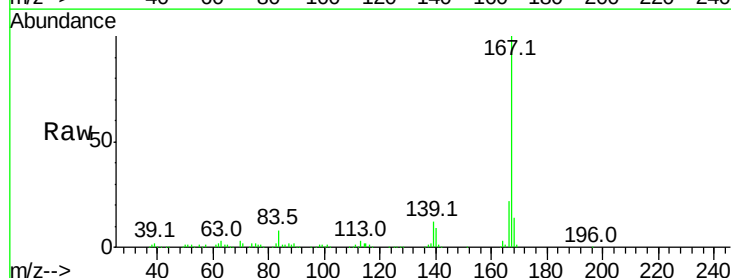
Manual Integrations
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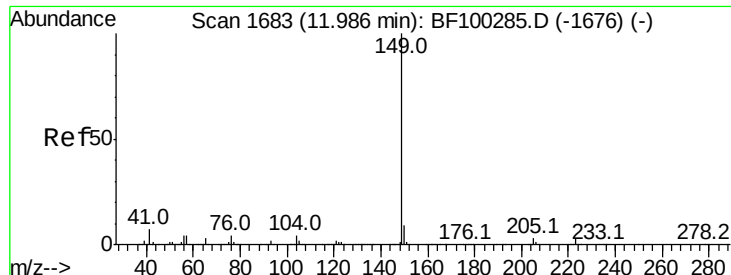
Sohil
 11/30/2017 4:29:44 PM



#72
 Carbazole
 Concen: 34.246 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.3	10.9	16.3





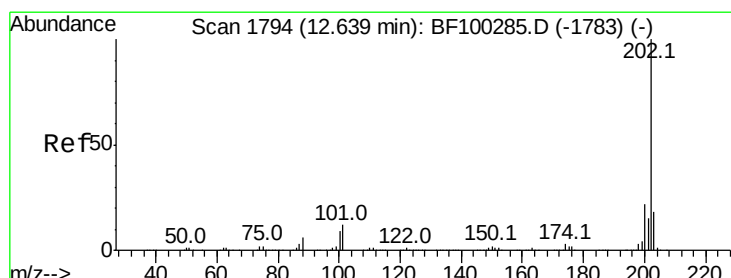
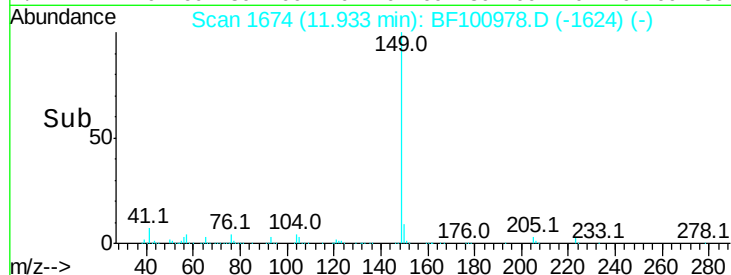
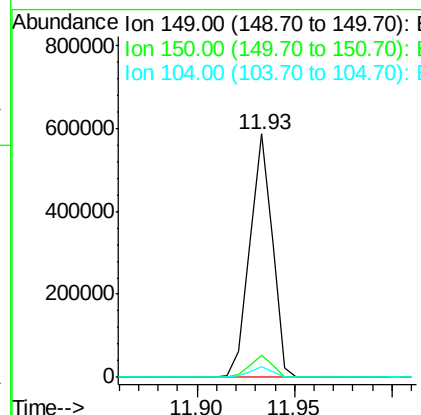
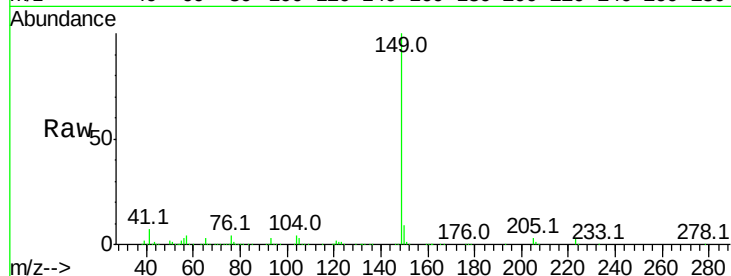
#73
Di-n-butylphthalate
Concen: 42.761 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	467442		
150	9.2		7.8	11.6
104	4.4		3.8	5.8

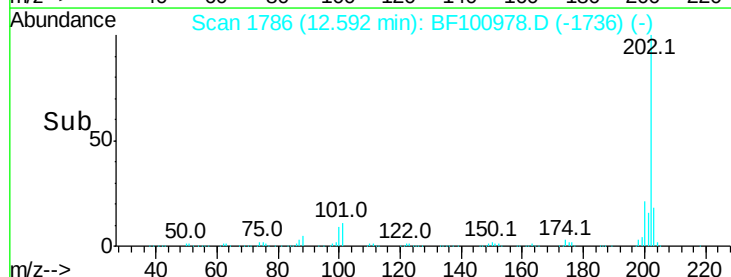
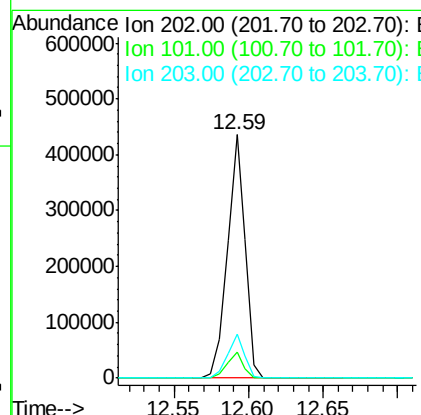
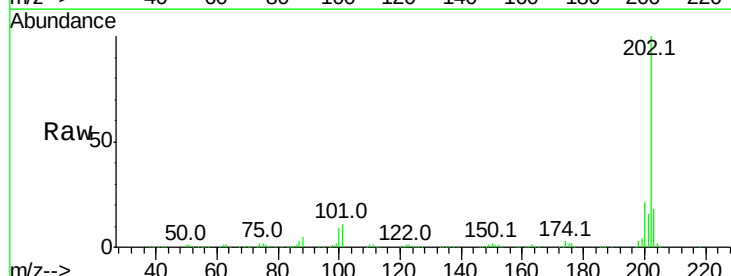
Manual Integrations
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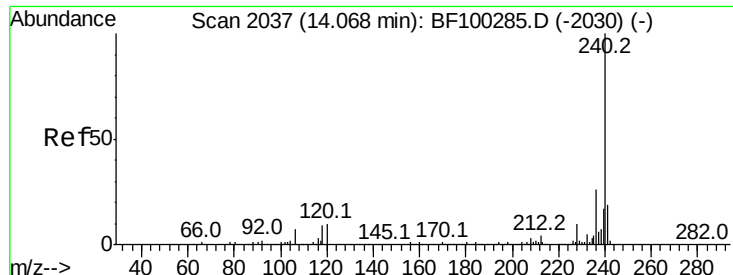
Sohil
11/30/2017 4:29:44 PM



#74
Fluoranthene
Concen: 34.550 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	365370		
101	10.7		0.0	34.1
203	17.9		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Instrument :

BNA_F

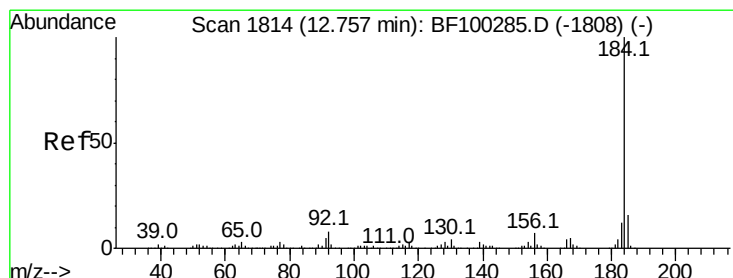
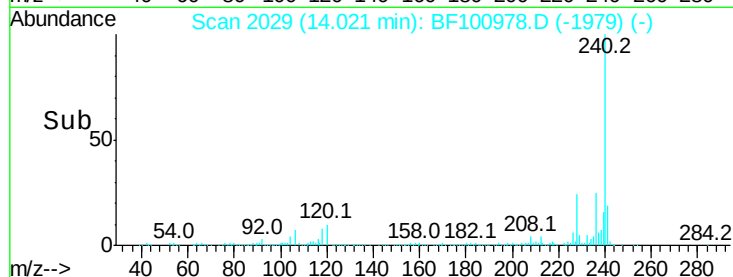
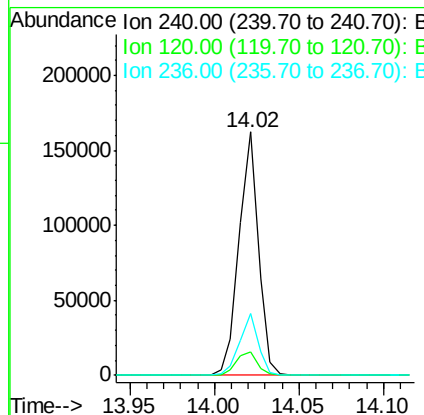
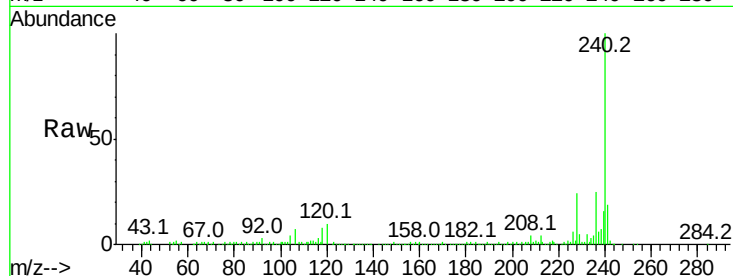
ClientSampleId :

P7-LOT-SP1-CMSD

Tot Ion:	240	Resp:	129820
Ion Ratio	Lower	Upper	
240	100		
120	9.9	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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11/30/2017 4:29:44 PM



#76

Benzidine

Concen: 9.180 ng

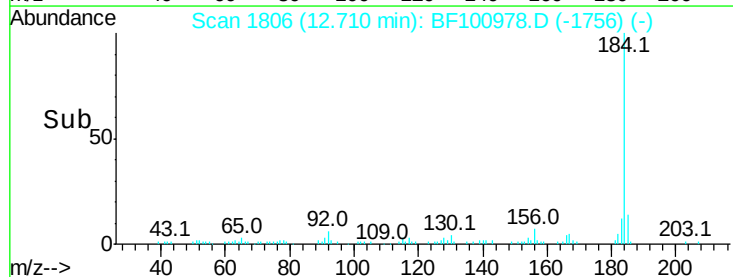
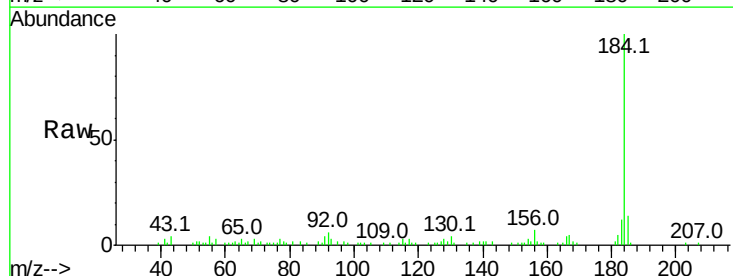
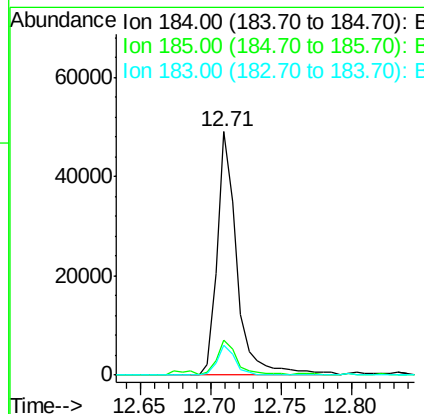
RT: 12.71 min Scan# 1806

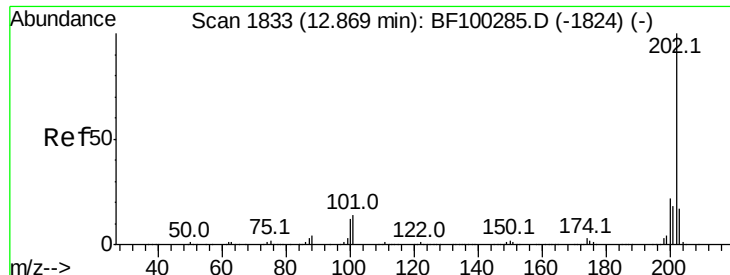
Delta R.T. -0.01 min

Lab File: BF100978.D

Acq: 29 Nov 2017 15:22

Tgt Ion:	184	Resp:	47725
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	12.2	9.3	13.9





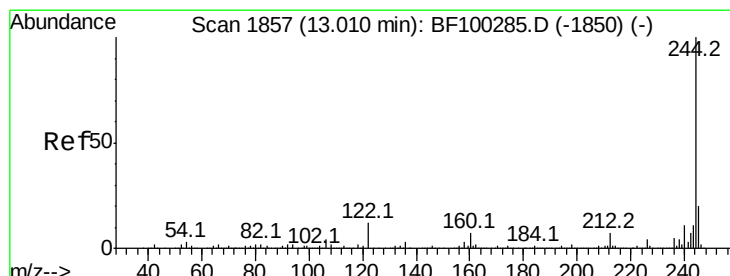
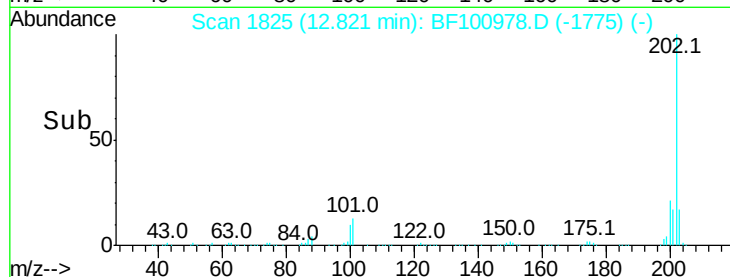
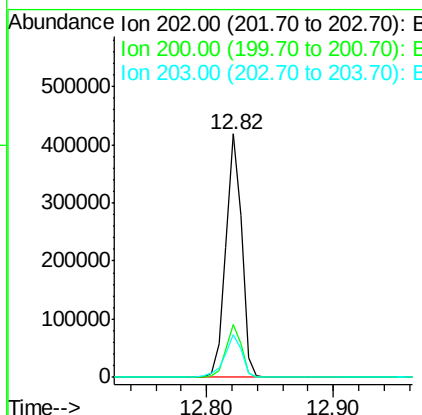
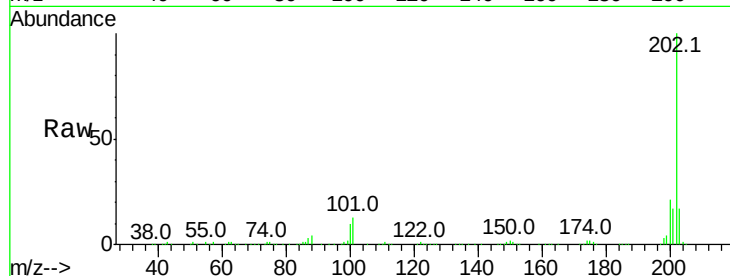
#77
Pvrene
Concen: 39.297 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.4	14.3	21.5

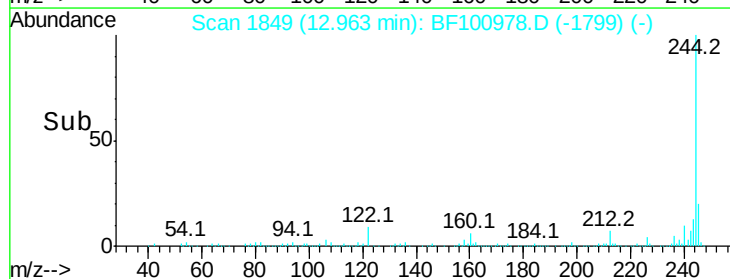
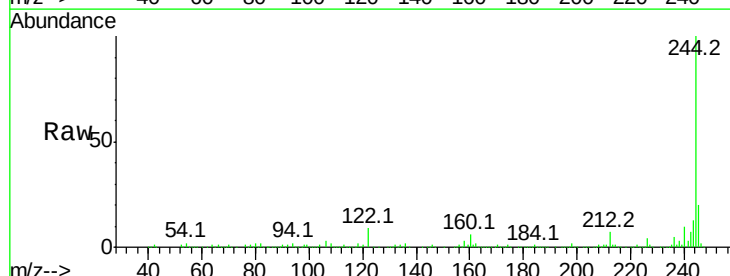
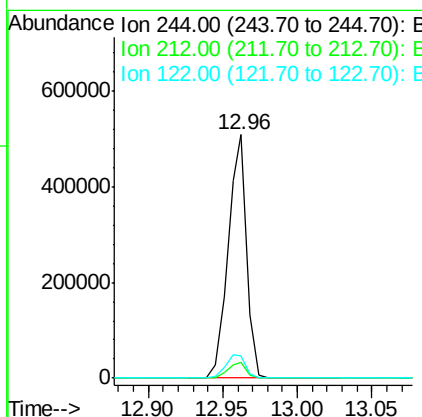
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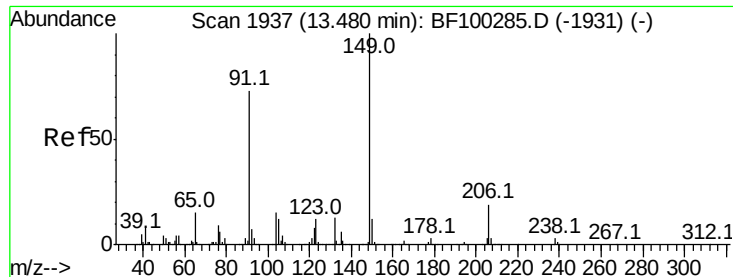
Sohil
11/30/2017 4:29:44 PM



#78
Terphenyl-d14
Concen: 79.012 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.4	11.0	16.4#





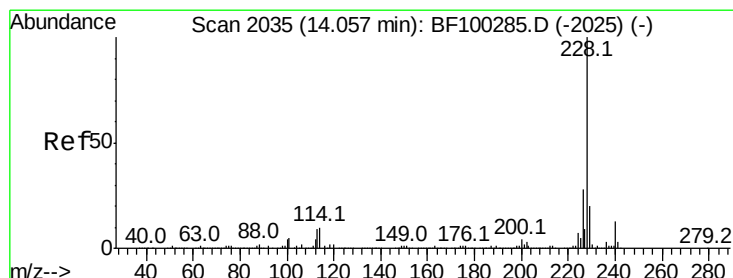
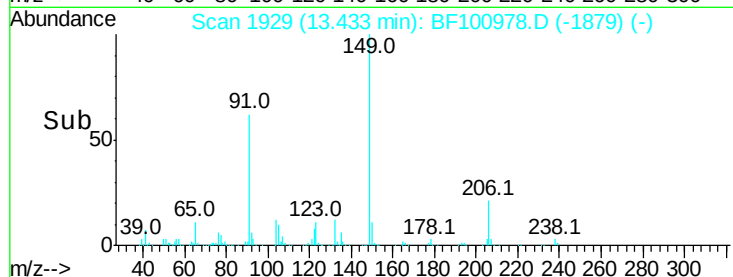
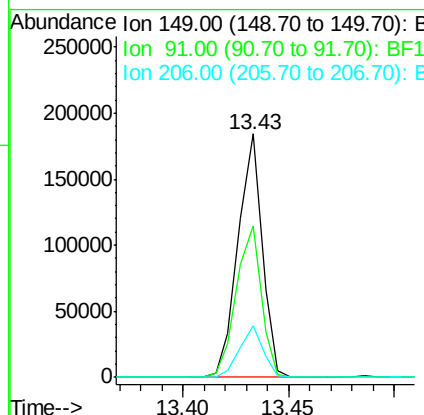
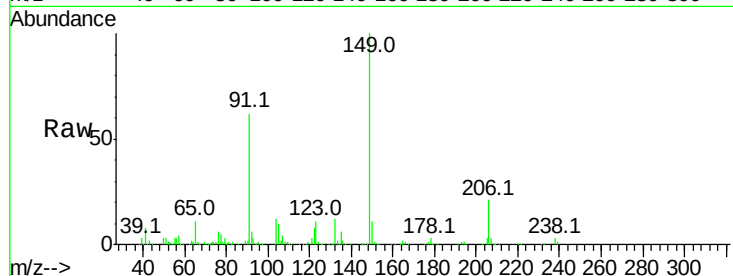
#79
Butylbenzylphthalate
Concen: 38.624 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	145767		
91	62.0	56.8	85.2	
206	21.0	14.1	21.1	

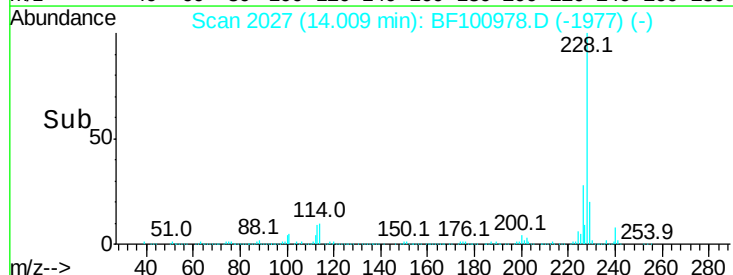
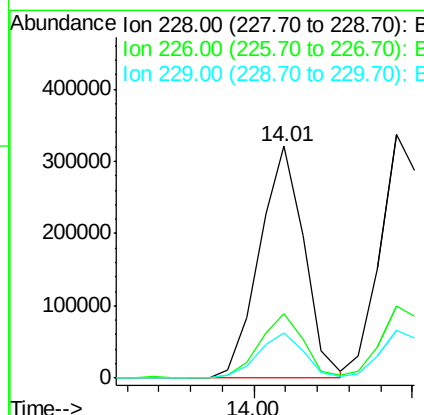
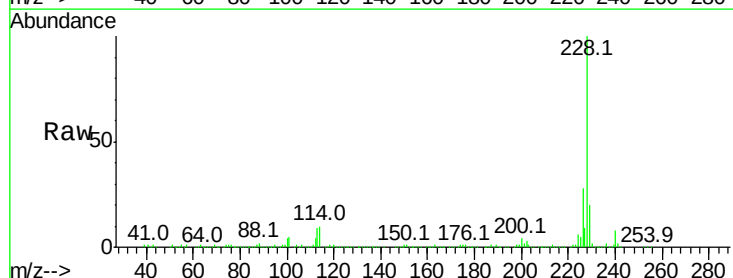
Manual Integrations
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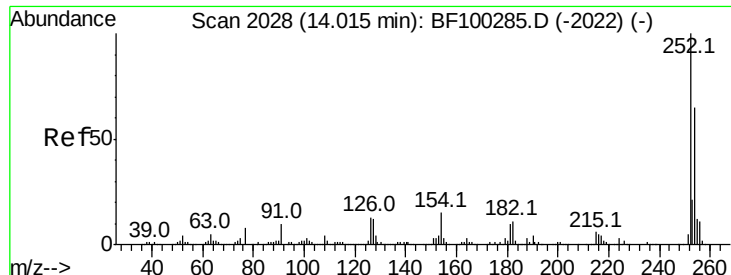
Sohil
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#80
Benzo(a)anthracene
Concen: 40.075 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	313298		
226	27.7	22.6	33.8	
229	19.7	15.8	23.6	





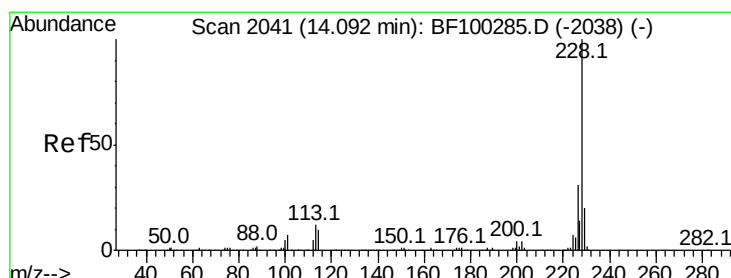
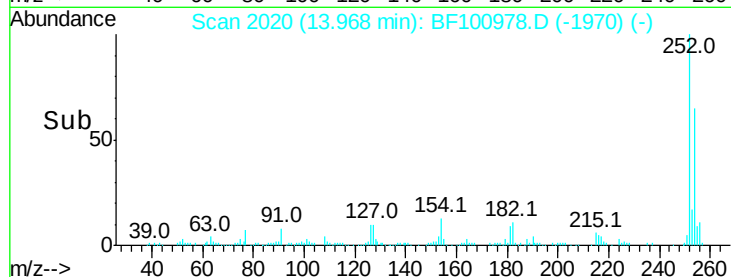
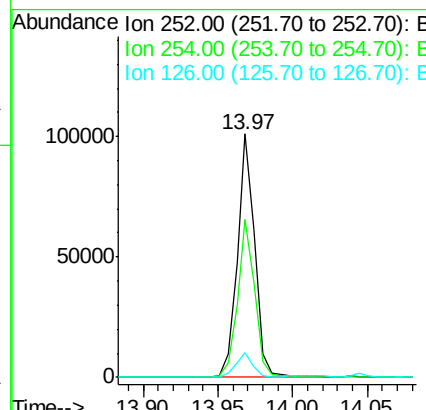
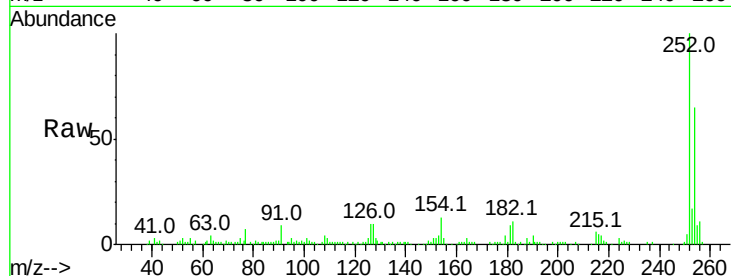
#81
 3,3'-Dichlorobenzidine
 Concen: 29.972 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.1	11.3	16.9

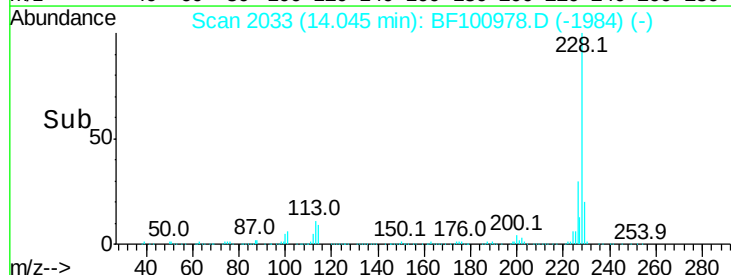
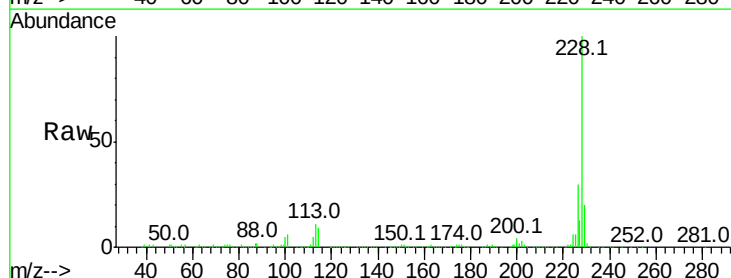
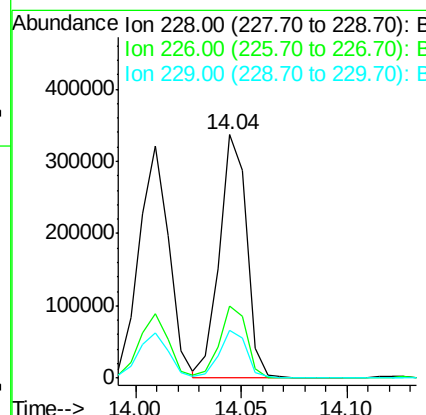
Manual Integrations
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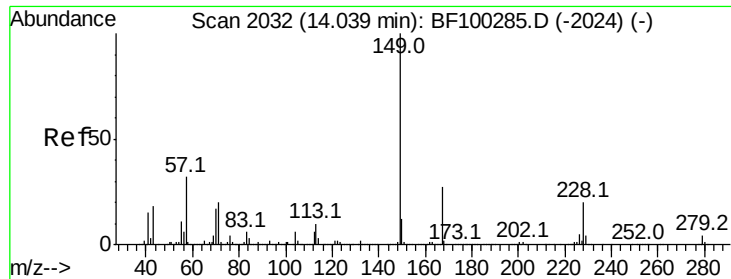
Sohil
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#82
 Chrysene
 Concen: 39.579 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.8	16.2	24.4





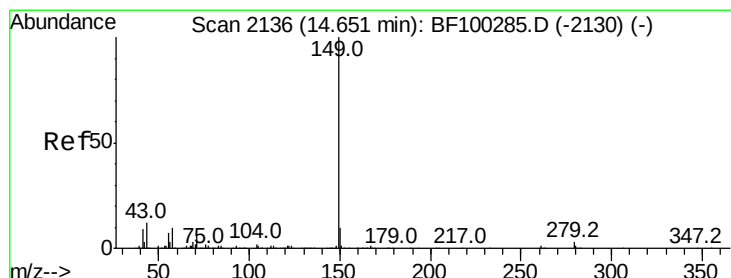
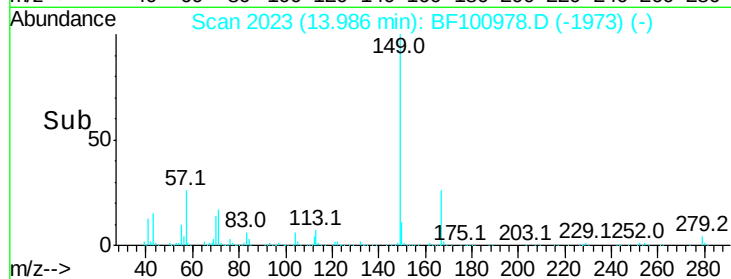
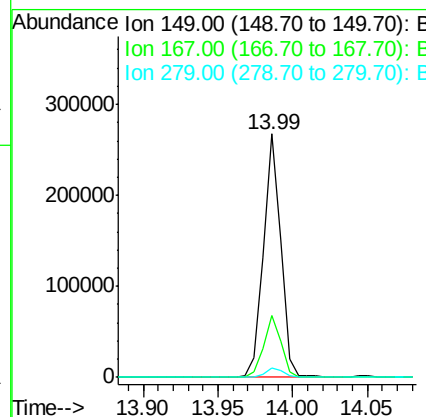
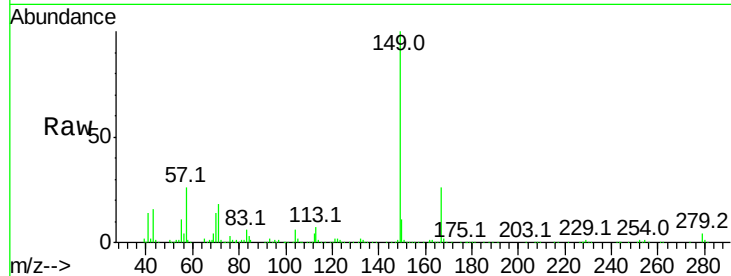
#83
Bis(2-ethylhexyl)phthalate
Concen: 42.515 ng
RT: 13.99 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	211028		
167	25.7	21.3	31.9	
279	3.8	3.0	4.4	

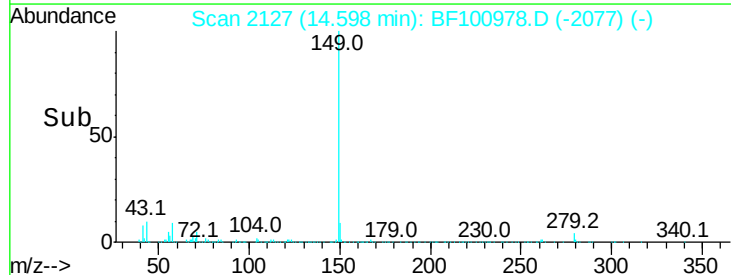
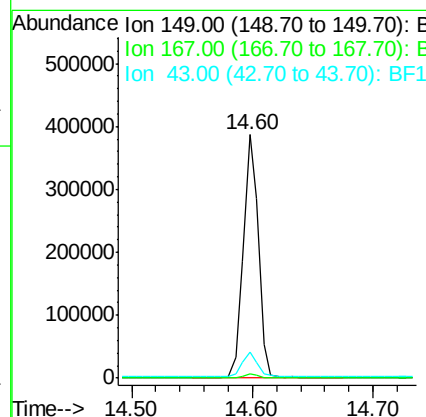
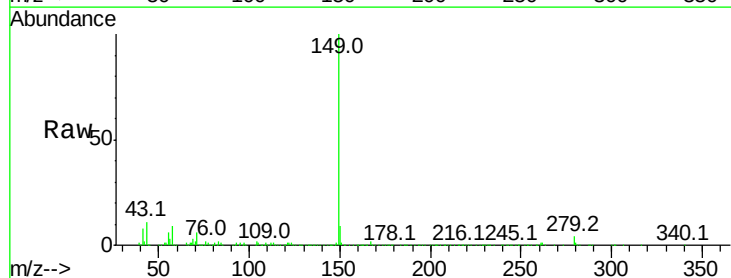
Manual Integrations
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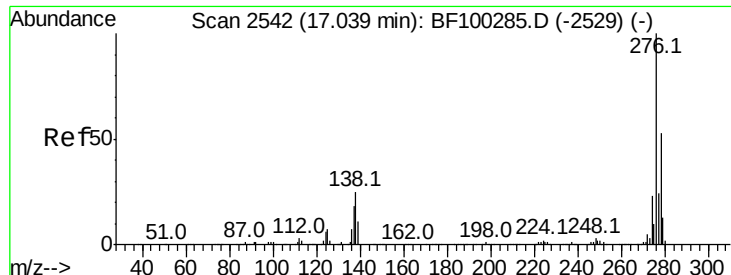
Sohil
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#84
Di-n-octyl phthalate
Concen: 39.451 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	336404		
167	1.9	1.2	1.8#	
43	10.3	8.4	12.6	





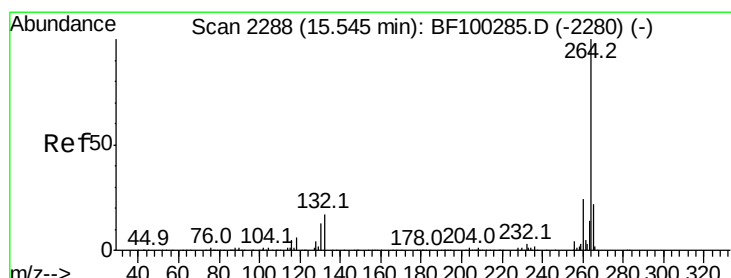
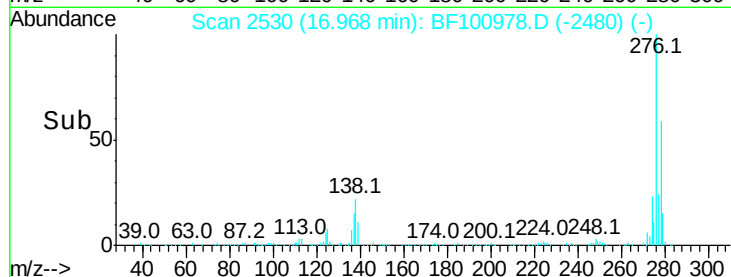
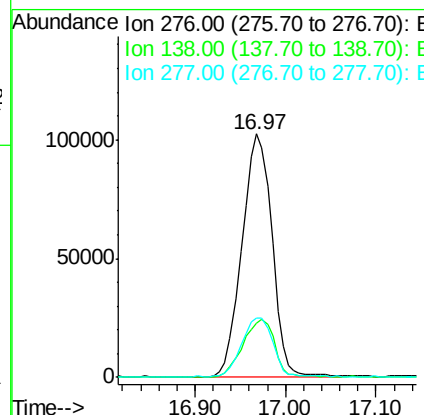
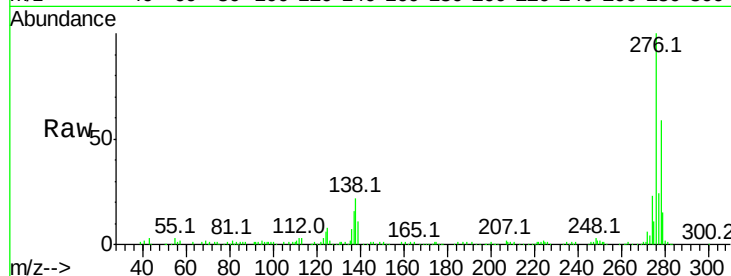
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.766 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	25.0	37.6
277	25.9	20.1	30.1

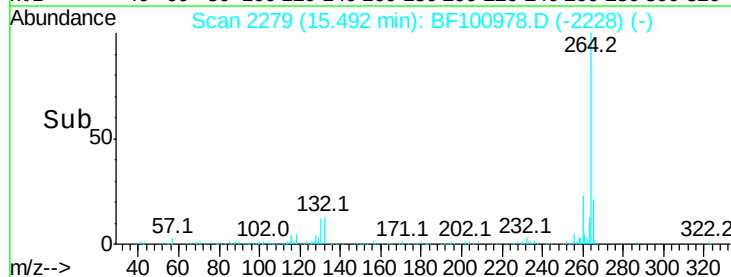
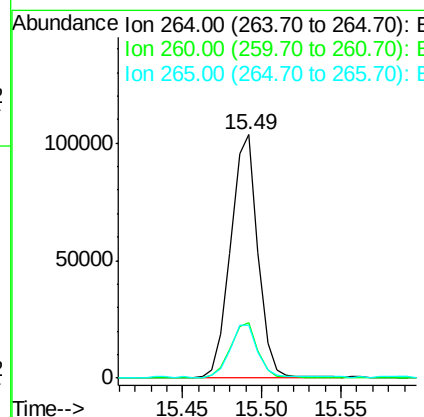
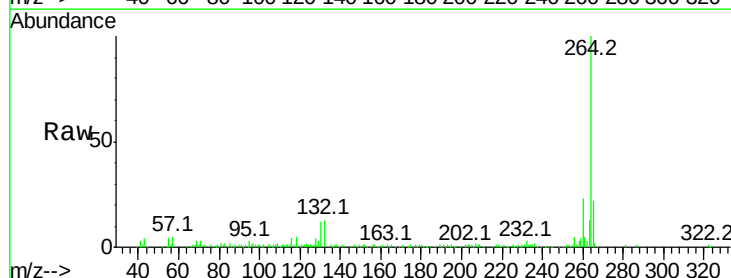
Manual Integrations
APPROVED

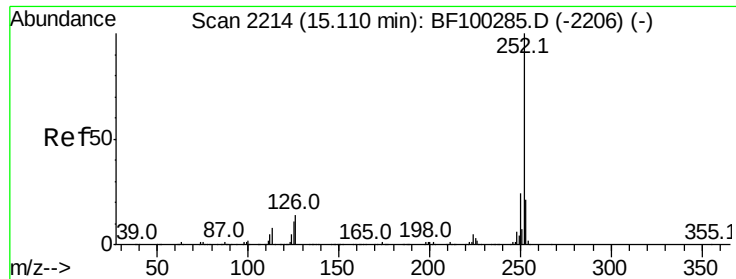
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.5	17.5	26.3





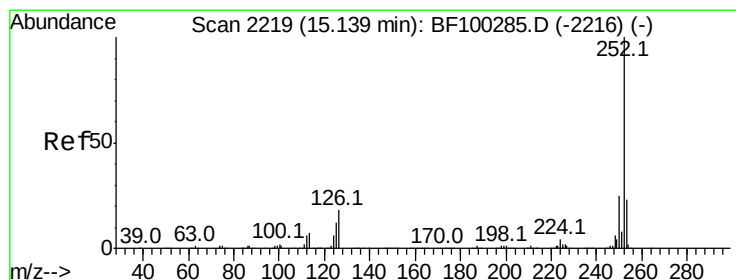
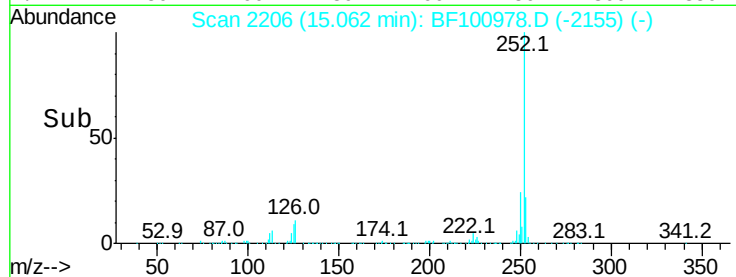
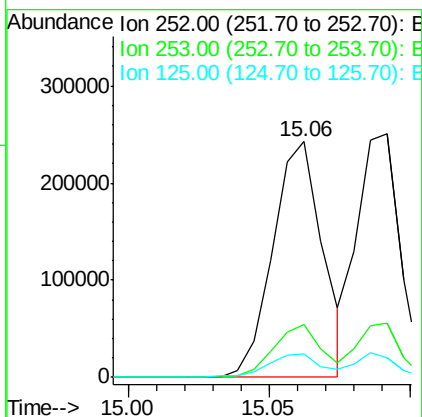
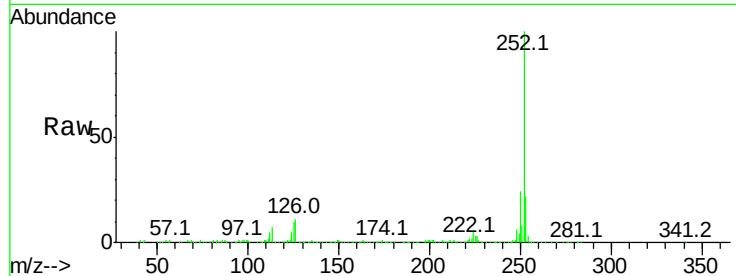
#87
Benzo(b)fluoranthene
Concen: 40.282 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	9.8	9.0	13.6

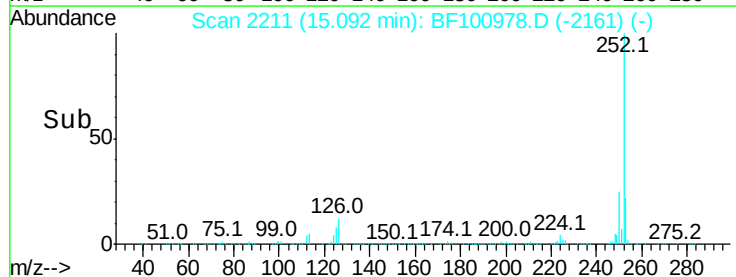
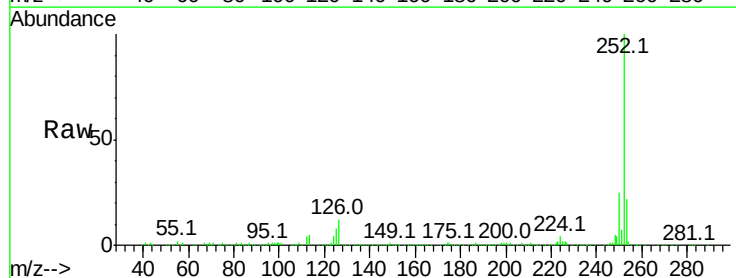
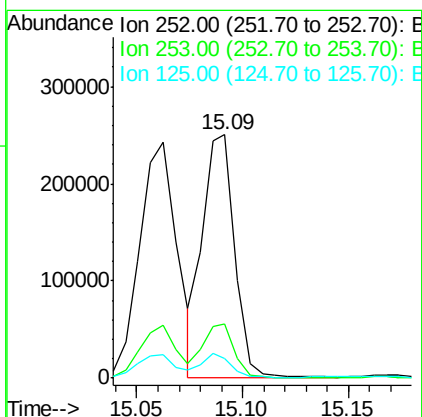
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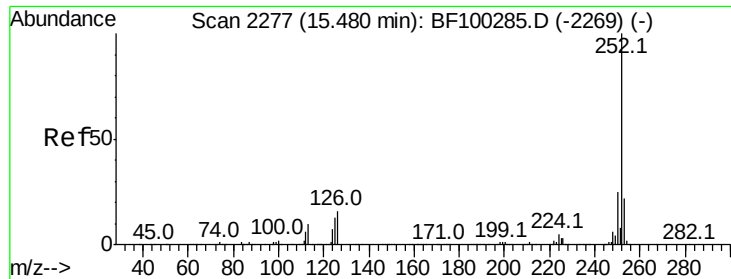
Sohil
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#88
Benzo(k)fluoranthene
Concen: 37.769 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.1	10.2	15.2#





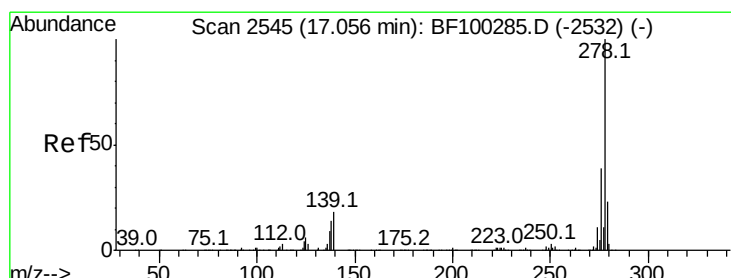
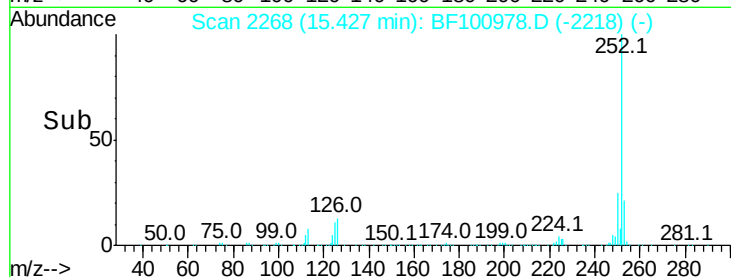
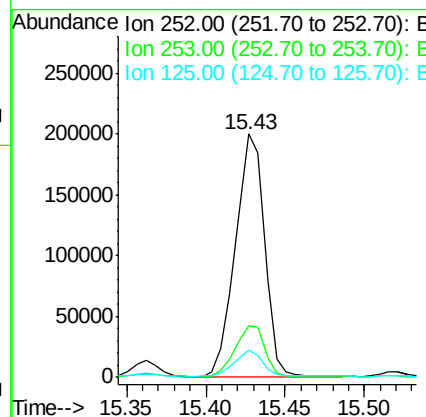
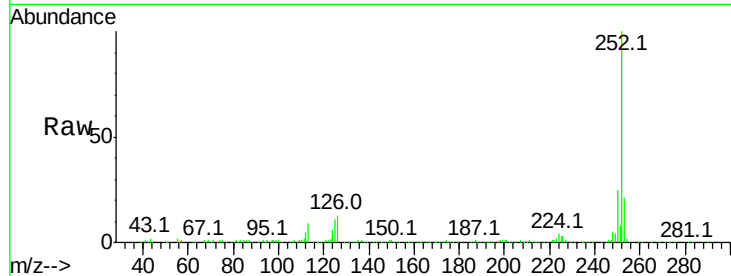
#89
Benzo(a)pyrene
Concen: 39.027 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Instrument :
BNA_F
ClientSampleId :
P7-LOT-SP1-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	11.2	9.8	14.6

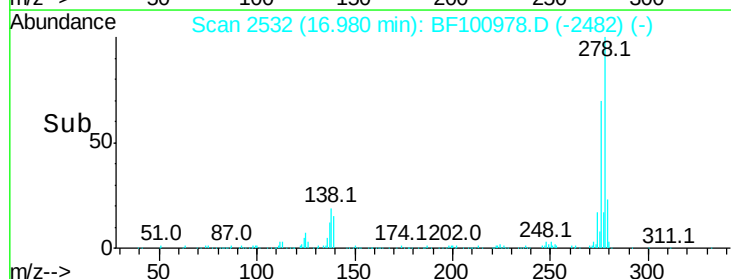
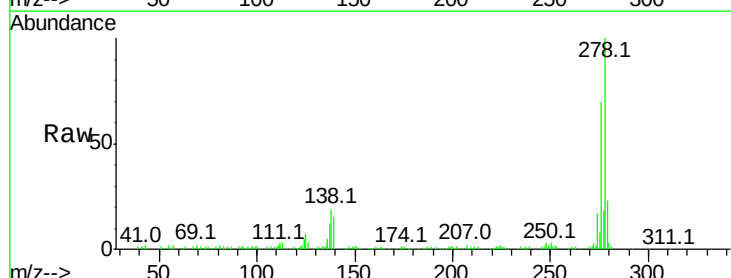
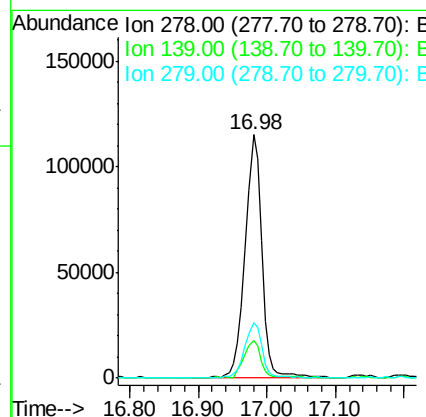
Manual Integrations
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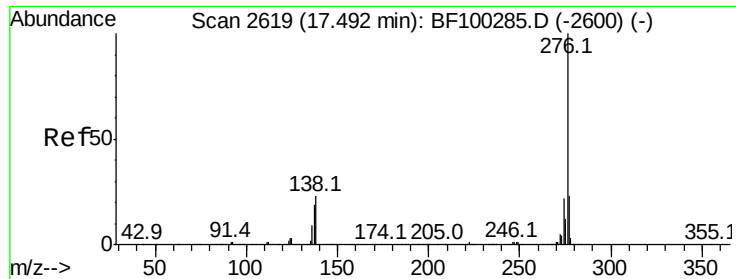
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 36.846 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF100978.D
Acq: 29 Nov 2017 15:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	15.9	23.9#
279	22.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.462 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BF100978.D
 Acq: 29 Nov 2017 15:22

Instrument :
 BNA_F
 ClientSampleId :
 P7-LOT-SP1-CMSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.0	21.8	32.8

Manual Integrations
 APPROVED

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 11/30/2017 4:29:44 PM

