

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102030.D
 Acq On : 11 Jan 2018 20:34
 Operator : SJ/JU
 Sample : J1062-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Manual Integrations
 APPROVED

Sohil
 1/12/2018 10:37:30 AM

Quant Time: Jan 12 01:01:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	197784	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	779249	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	310599	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	423419	20.00	ng	0.00
75) Chrysene-d12	13.88	240	300023	20.00	ng	0.00
86) Perylene-d12	15.29	264	367284	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1392970	99.45	ng	0.01
7) Phenol-d6	6.37	99	1650230	98.75	ng	0.00
23) Nitrobenzene-d5	7.30	82	1045809	78.87	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	262095	96.69	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1574222	79.18	ng	0.00
78) Terphenyl-d14	12.83	244	957640	66.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	203774	29.152	ng	95
3) Pyridine	3.16	79	541545	28.370	ng	94
4) n-Nitrosodimethylamine	3.12	42	281957	35.272	ng	100
6) Aniline	6.39	93	246056	10.448	ng	99
8) 2-Chlorophenol	6.52	128	497919	35.445	ng	96
9) Benzaldehyde	6.27	77	110187	9.496	ng	98
10) Phenol	6.38	94	637709	33.767	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	493091	34.303	ng	96
12) 1,3-Dichlorobenzene	6.67	146	540158	33.356	ng	99
13) 1,4-Dichlorobenzene	6.75	146	543671	33.645	ng	100
14) 1,2-Dichlorobenzene	6.90	146	502554	33.602	ng	99
15) Benzyl Alcohol	6.87	79	415837	34.018	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	882956	33.321	ng	98
17) 2-Methylphenol	6.99	107	419102	33.072	ng	99
18) Hexachloroethane	7.24	117	189973	33.386	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	343645	31.379	ng	93
20) 3+4-Methylphenols	7.14	107	475603	31.258	ng	# 65
22) Acetophenone	7.14	105	681513	36.298	ng	# 88
24) Nitrobenzene	7.32	77	518772	36.407	ng	94
25) Isophorone	7.55	82	941805	35.944	ng	100
26) 2-Nitrophenol	7.63	139	269716	45.224	ng	97
27) 2,4-Dimethylphenol	7.67	122	428121	38.437	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	607974	38.429	ng	98
29) 2,4-Dichlorophenol	7.87	162	393200	37.178	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	386999	34.983	ng	96
31) Naphthalene	8.03	128	1370441	35.196	ng	100
32) Benzoic acid	7.75	122	143368m	16.975	ng	
33) 4-Chloroaniline	8.08	127	85686	5.156	ng	99
34) Hexachlorobutadiene	8.15	225	207268	35.396	ng	97
35) Caprolactam	8.45	113	124164m	34.198	ng	
36) 4-Chloro-3-methylphenol	8.57	107	412407	35.623	ng	98
37) 2-Methylnaphthalene	8.72	142	893665	34.863	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344149	39.165	ng	99
40) Hexachlorocyclopentadiene	8.87	237	226529	47.139	ng	98

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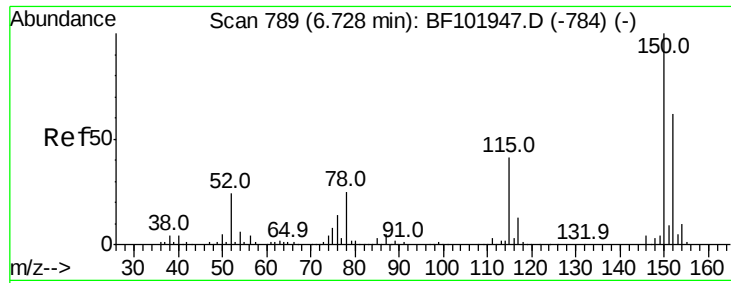
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	241200	39.833	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	248107	36.252	nq	97
45) 1,1'-Biphenyl	9.19	154	1024576	37.320	nq	99
46) 2-Chloronaphthalene	9.21	162	765524	35.958	nq	99
47) 2-Nitroaniline	9.31	65	244681	38.369	nq	98
48) Acenaphthylene	9.63	152	1124514	33.284	nq	99
49) Dimethylphthalate	9.49	163	1052231	42.230	nq	99
50) 2,6-Dinitrotoluene	9.55	165	190393	38.254	nq	96
51) Acenaphthene	9.80	154	670140	32.679	nq	99
52) 3-Nitroaniline	9.72	138	119889	19.086	nq	95
53) 2,4-Dinitrophenol	9.82	184	87850	49.847	nq	# 21
54) Dibenzofuran	9.97	168	983270	34.937	nq	99
55) 4-Nitrophenol	9.88	139	290668	62.094	nq	95
56) 2,4-Dinitrotoluene	9.95	165	233809	37.480	nq	97
57) Fluorene	10.31	166	687396	35.332	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	174951	35.907	nq	99
59) Diethylphthalate	10.19	149	840334	33.905	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	301956	36.448	nq	96
61) 4-Nitroaniline	10.33	138	154602	25.934	nq	90
62) Azobenzene	10.46	77	913169	37.031	nq	97
64) 4,6-Dinitro-2-methylphenol	10.36	198	67424	31.523	nq	85
65) n-Nitrosodiphenylamine	10.42	169	636669	40.155	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	187502	41.933	nq	96
67) Hexachlorobenzene	10.85	284	181049	37.089	nq	97
68) Atrazine	10.95	200	189378	41.330	nq	98
69) Pentachlorophenol	11.05	266	191493	64.331	nq	98
70) Phenanthrene	11.27	178	884358	35.756	nq	98
71) Anthracene	11.32	178	891459	35.539	nq	99
72) Carbazole	11.47	167	798851	32.401	nq	100
73) Di-n-butylphthalate	11.81	149	1104162	36.503	nq	100
74) Fluoranthene	12.45	202	773075	31.769	nq	98
76) Benzidine	12.58	184	214586	14.812	nq	97
77) Pyrene	12.68	202	779514	29.393	nq	100
79) Butylbenzylphthalate	13.30	149	381777	31.368	nq	99
80) Benzo(a)anthracene	13.87	228	662844	34.627	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	220507	31.111	nq	97
82) Chrysene	13.90	228	676933	33.914	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	460193	32.961	nq	# 98
84) Di-n-octyl phthalate	14.48	149	947819	40.910	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	816852	56.227	nq	96
87) Benzo(b)fluoranthene	14.89	252	784165	32.744	nq	98
88) Benzo(k)fluoranthene	14.92	252	737612	31.928	nq	98
89) Benzo(a)pyrene	15.24	252	771969	35.822	nq	97
90) Dibenzo(a,h)anthracene	16.70	278	695144	40.421	nq	98
91) Benzo(g,h,i)perylene	17.09	276	657588	37.959	nq	96

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



#1

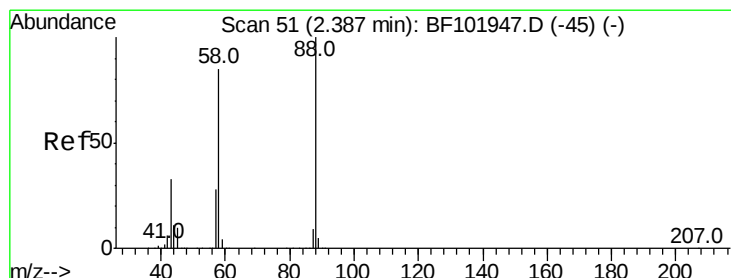
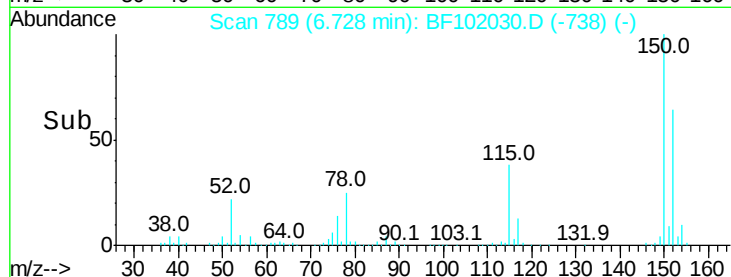
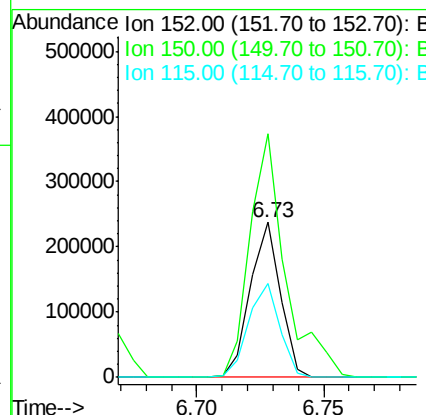
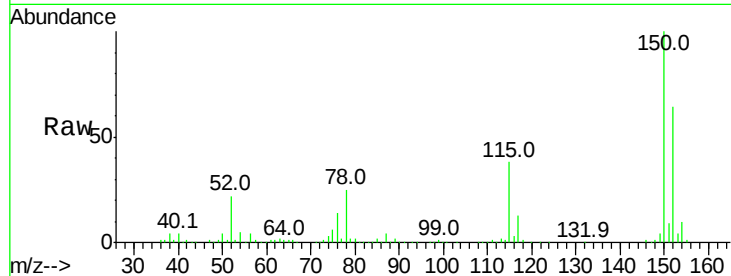
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	60.3	50.1	75.1

Manual Integrations
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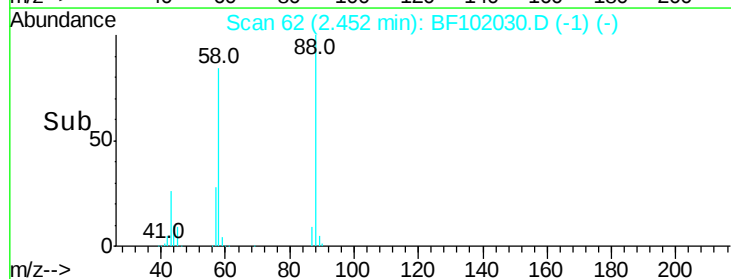
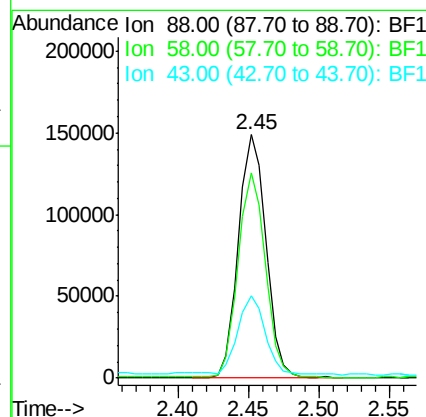
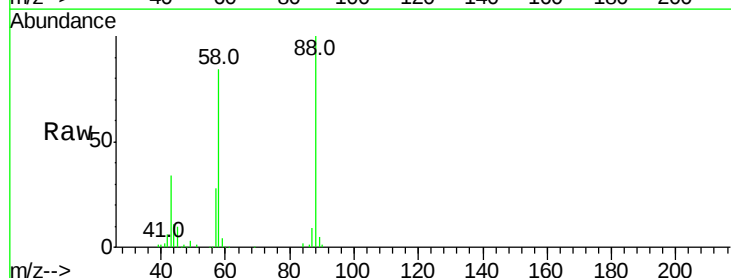
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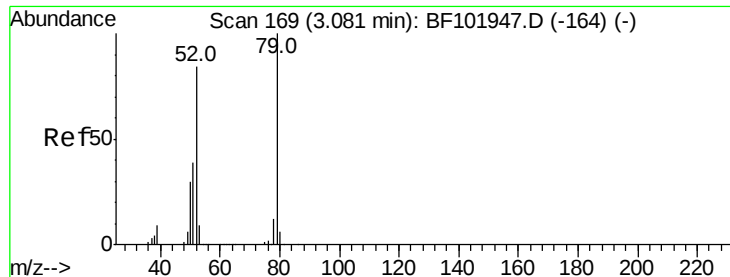


#2

1,4-Dioxane
Concen: 29.152 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.06 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	62.6	93.8
43	32.6	24.6	37.0





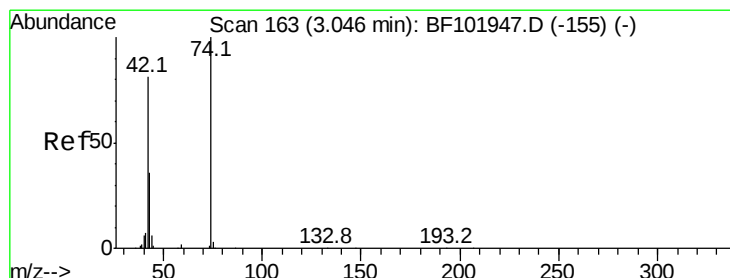
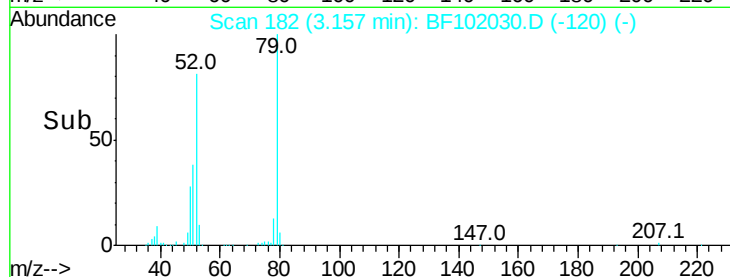
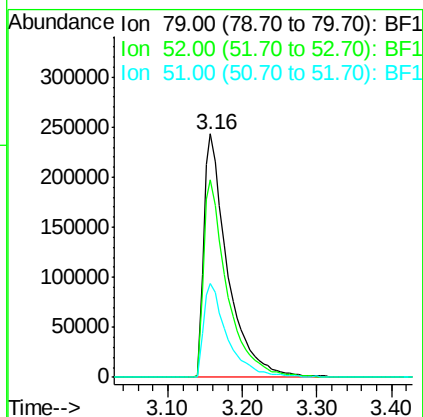
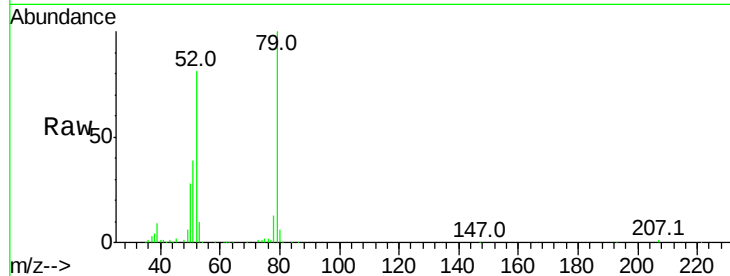
#3
 Pvridine
 Concen: 28.370 ng
 RT: 3.16 min Scan# 182
 Delta R.T. 0.06 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	81.1	59.8	89.6	
51	38.7	29.8	44.8	

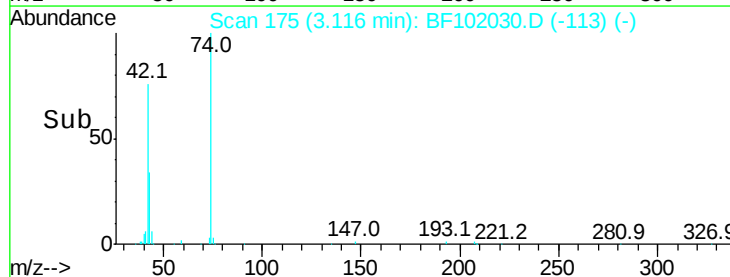
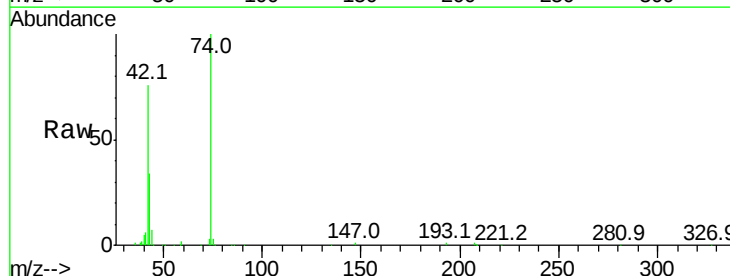
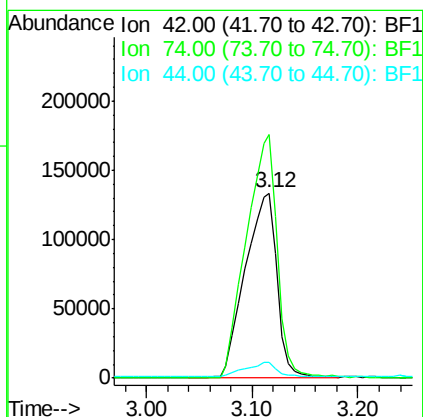
Manual Integrations
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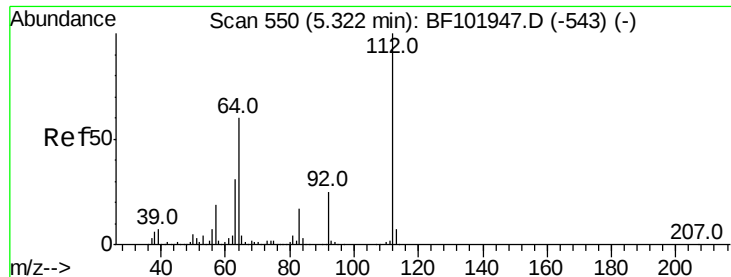
Sohil
 1/12/2018 10:37:30 AM



#4
 n-Nitrosodimethylamine
 Concen: 35.272 ng
 RT: 3.12 min Scan# 175
 Delta R.T. 0.06 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	131.5	104.9	157.3	
44	8.7	6.9	10.3	





#5

2-Fluorophenol

Concen: 99.451 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:112 Resp: 1392970

Ion Ratio Lower Upper

112 100

64 61.1 47.9 71.9

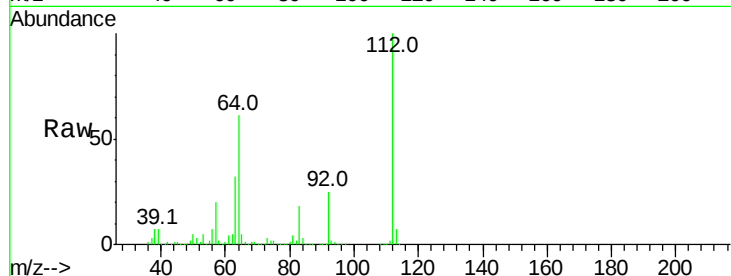
63 31.8 23.7 35.5

Manual Integrations

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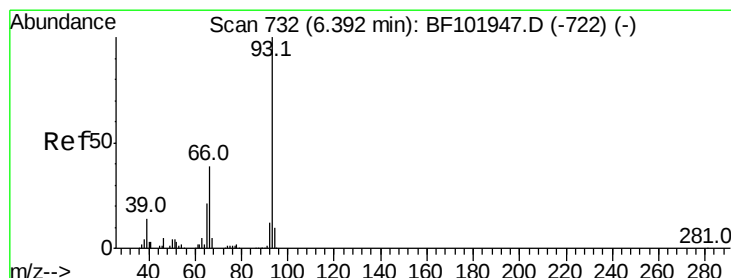
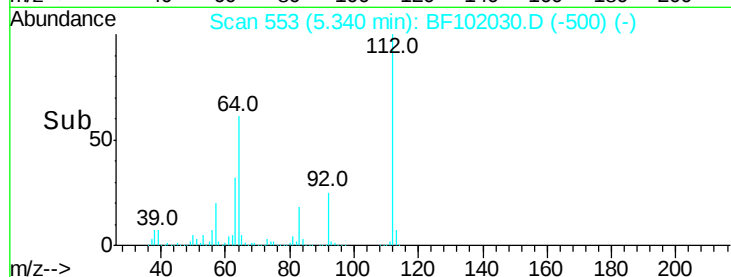
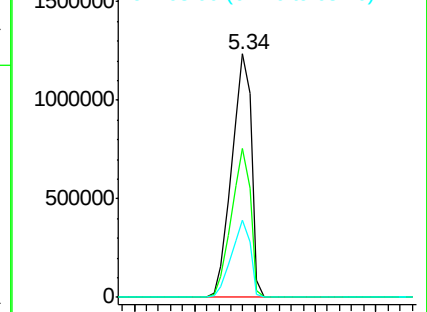
1/12/2018 10:37:30 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.448 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

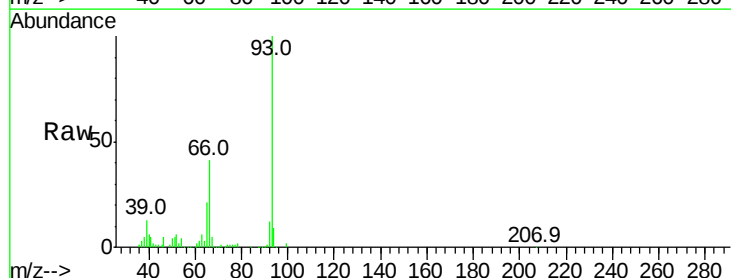
Tgt Ion: 93 Resp: 246056

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

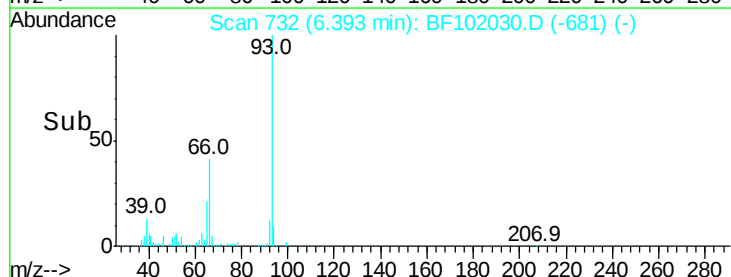
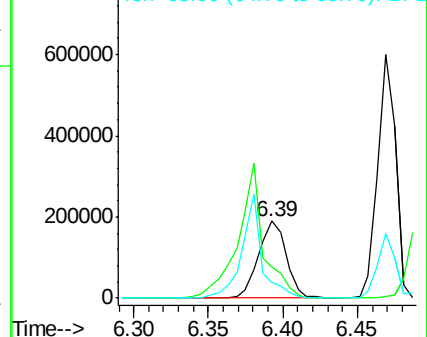
65 21.1 16.4 24.6

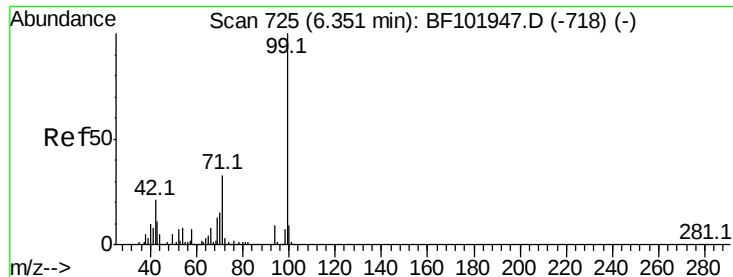


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.750 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion: 99 Resp: 1650230

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

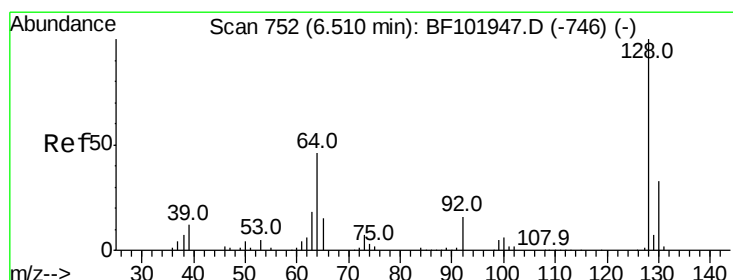
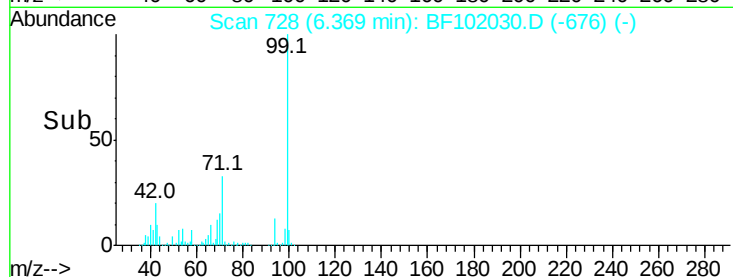
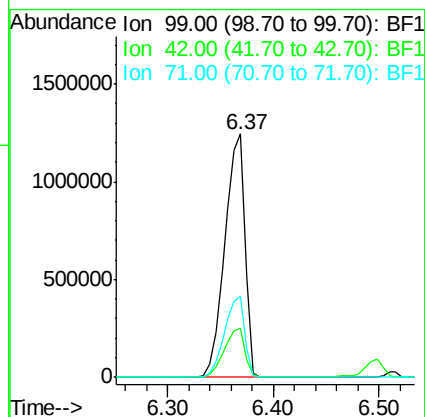
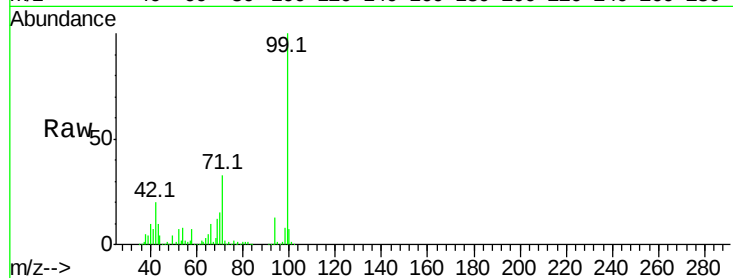
71 33.0 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 35.445 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

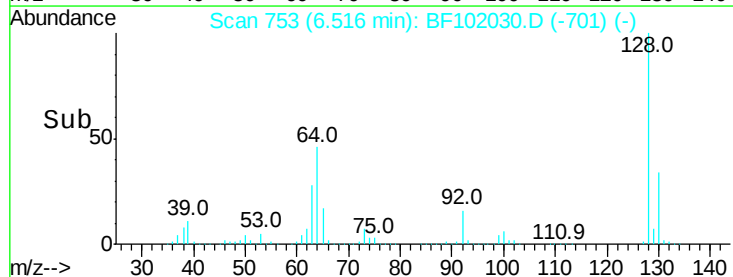
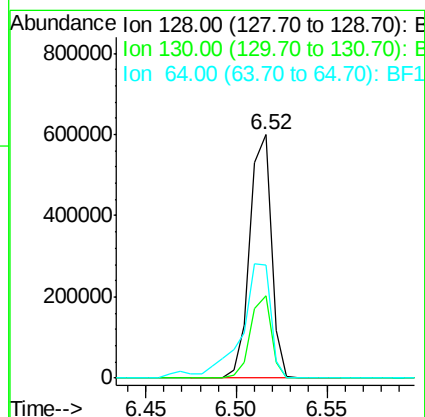
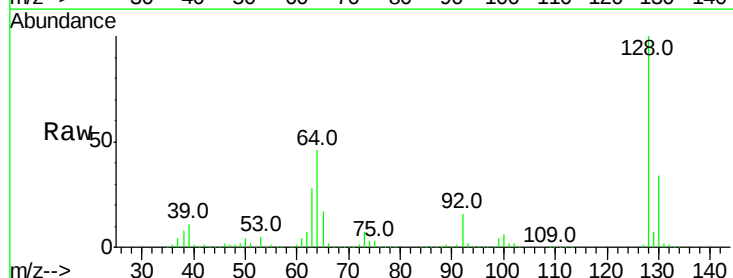
Tgt Ion: 128 Resp: 497919

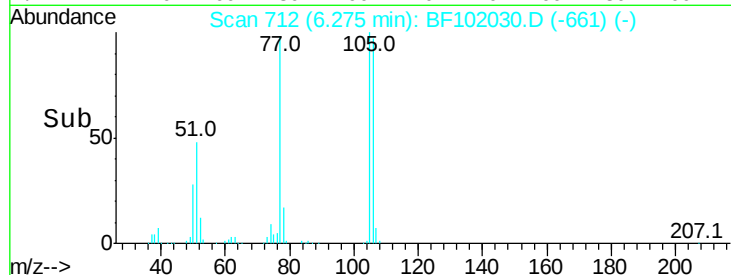
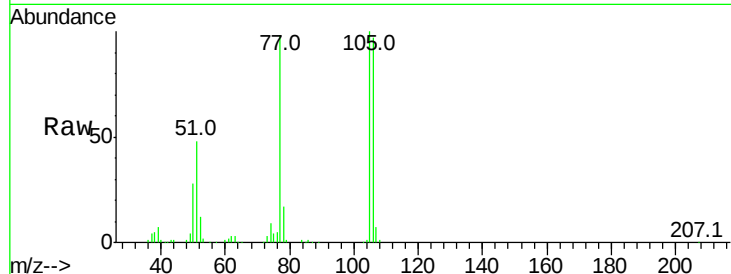
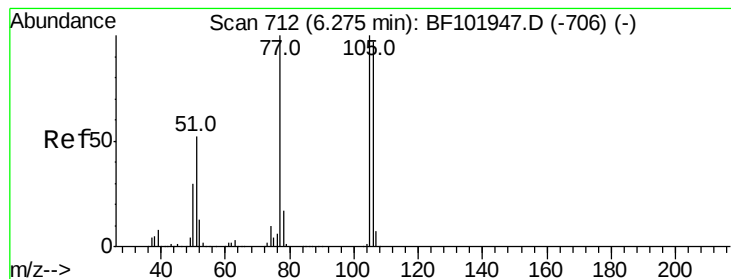
Ion Ratio Lower Upper

128 100

130 34.0 13.0 53.0

64 46.2 29.4 69.4





#9

Benzaldehyde

Concen: 9.496 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tot Ion:	77	Resp:	110187
Ion Ratio	Lower	Upper	
77	100		
105	101.5	81.1	121.1
106	98.2	74.5	114.5

Instrument :

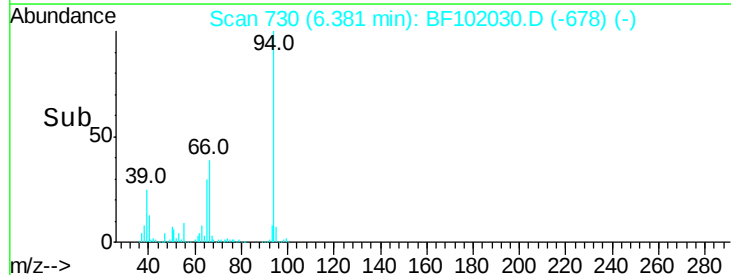
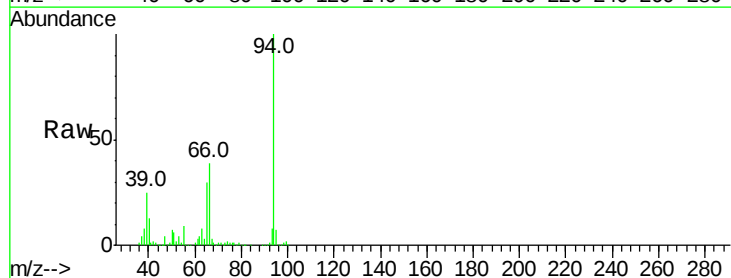
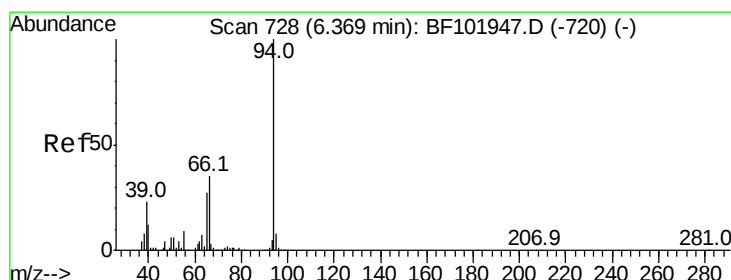
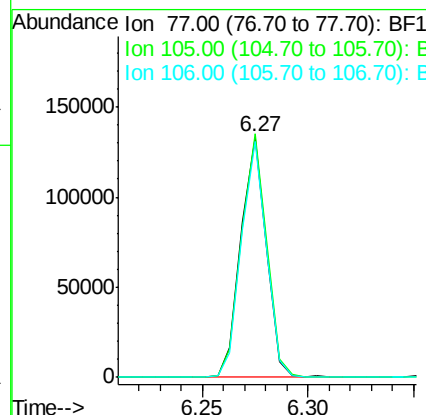
BNA_F

ClientSampleId :

SB-27-COMPMSD

Manual Integrations
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1/12/2018 10:37:30 AM



#10

Phenol

Concen: 33.767 ng

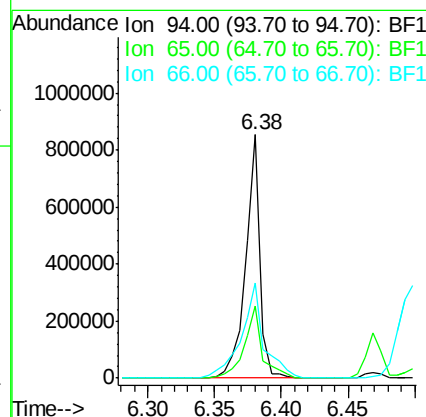
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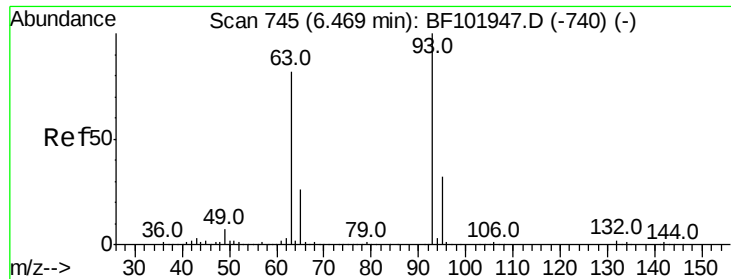
Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	94	Resp:	637709
Ion Ratio	Lower	Upper	
94	100		
65	29.9	7.9	47.9
66	39.0	16.2	56.2





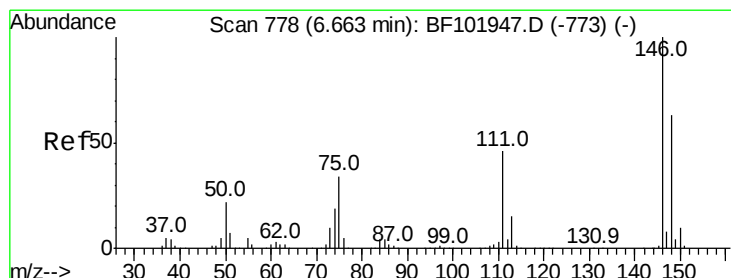
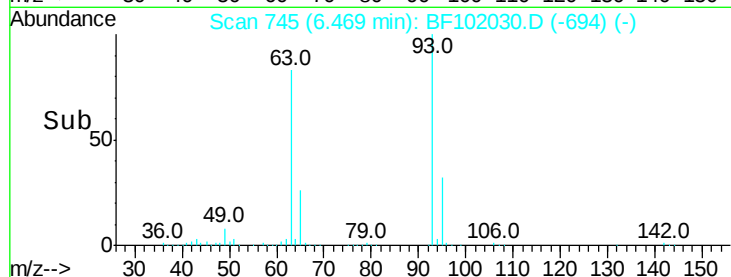
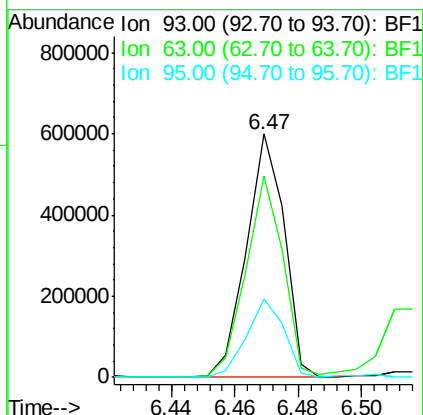
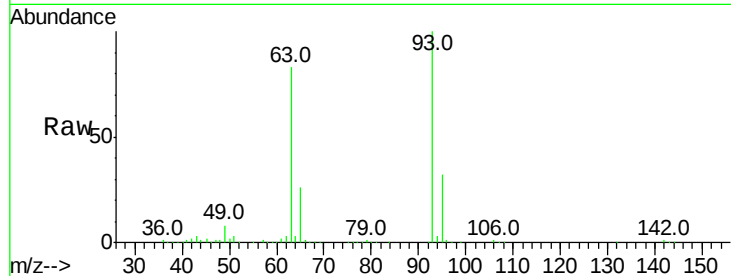
#11
bis(2-Chloroethyl)ether
Concen: 34.303 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	93	Resp	493091
Ion Ratio	100	Lower	Upper
93	100		
63	82.6	58.6	98.6
95	32.3	11.8	51.8

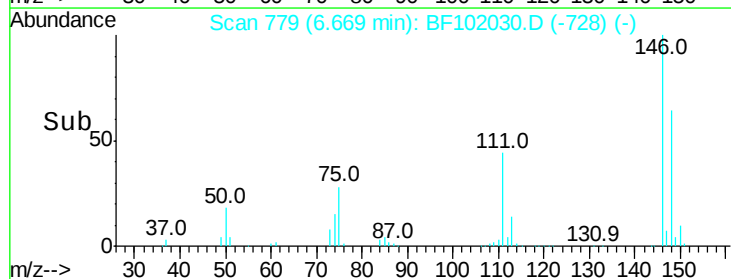
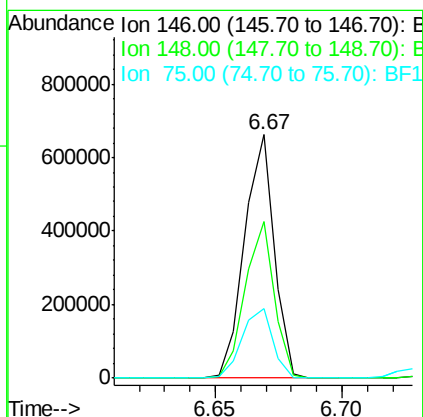
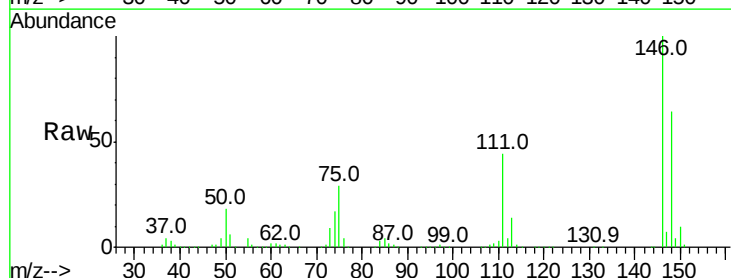
Manual Integrations
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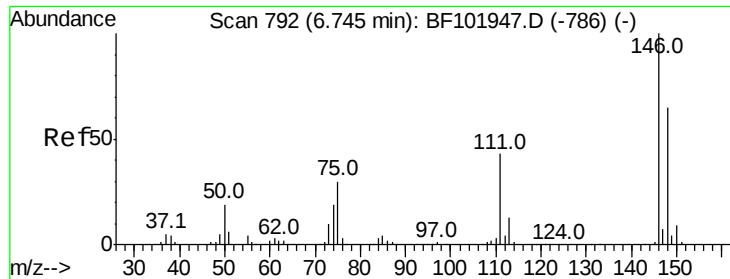
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.356 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	146	Resp	540158
Ion Ratio	100	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	28.8	24.2	36.4





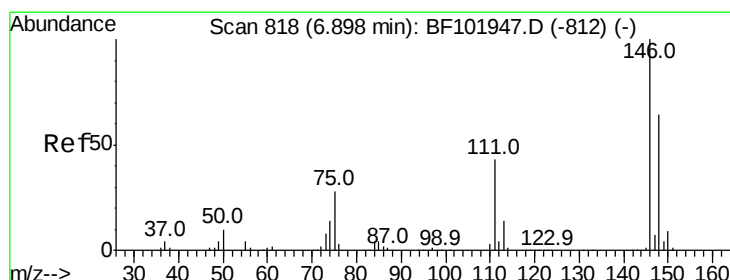
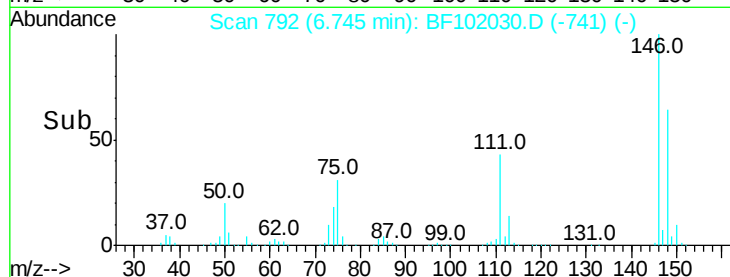
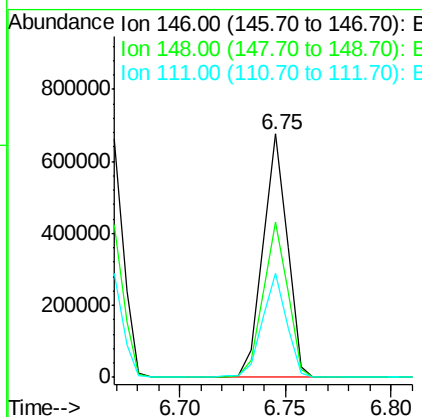
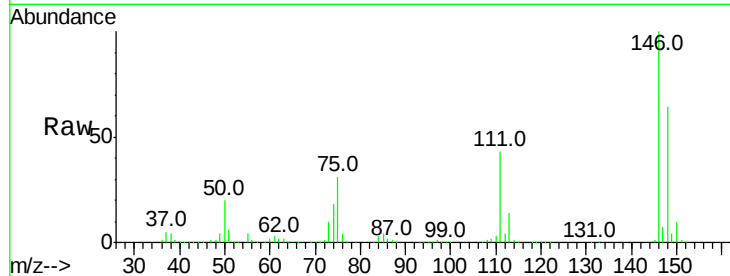
#13
 1,4-Dichlorobenzene
 Concen: 33.645 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	42.9	34.2	51.2

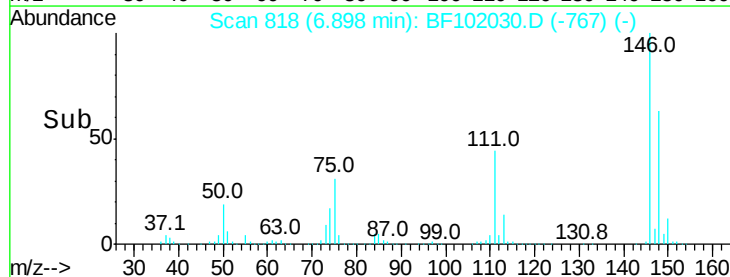
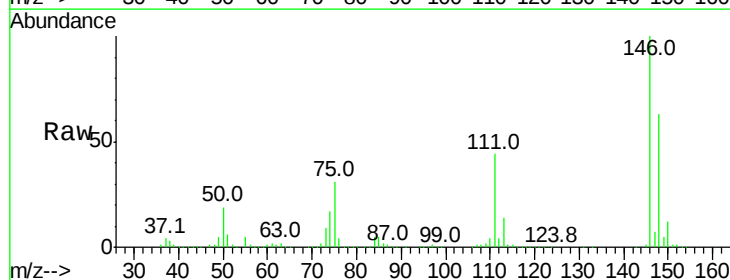
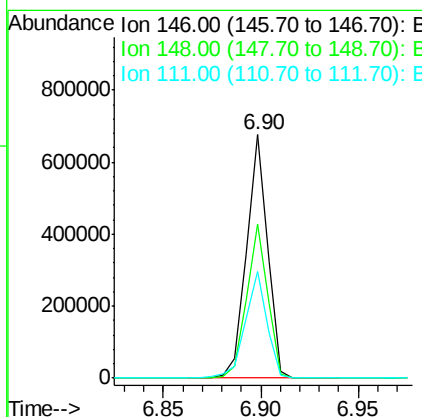
Manual Integrations
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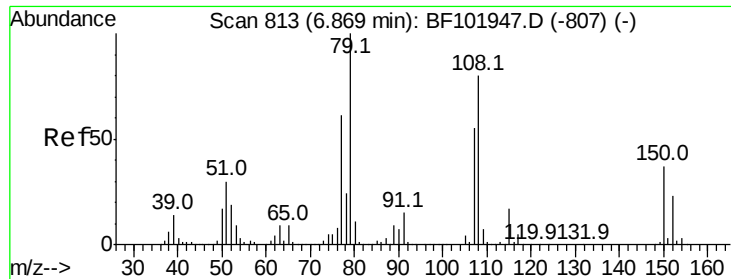
Sohil
 1/12/2018 10:37:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 33.602 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	43.7	36.0	54.0





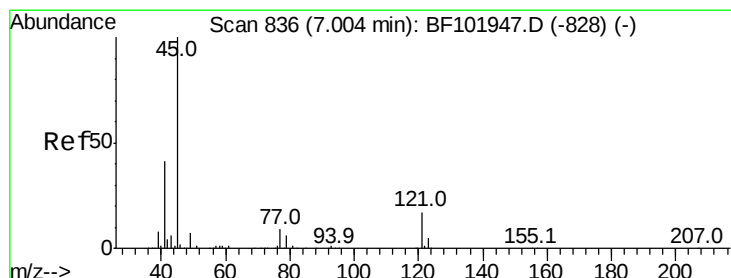
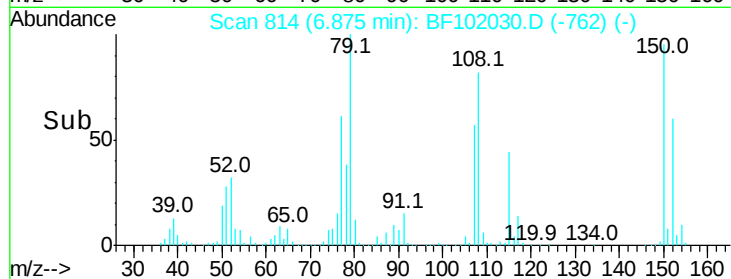
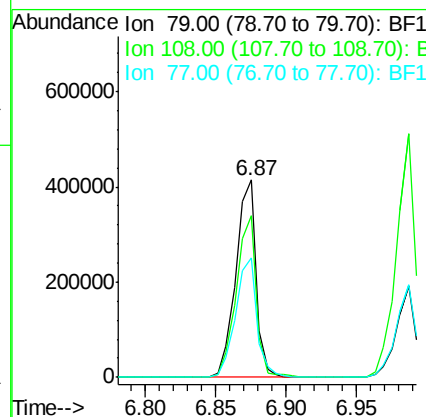
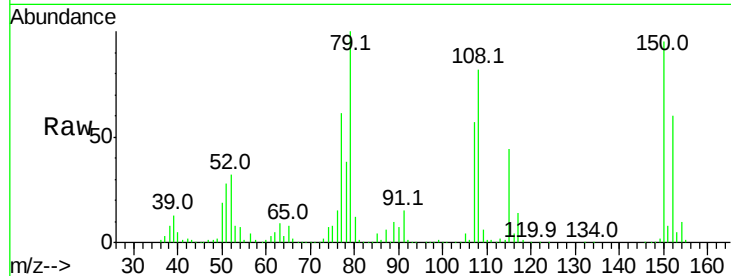
#15
Benzyl Alcohol
Concen: 34.018 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.2	65.1	97.7
77	60.7	50.6	75.8

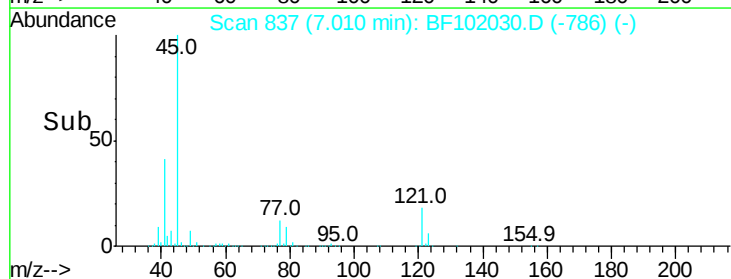
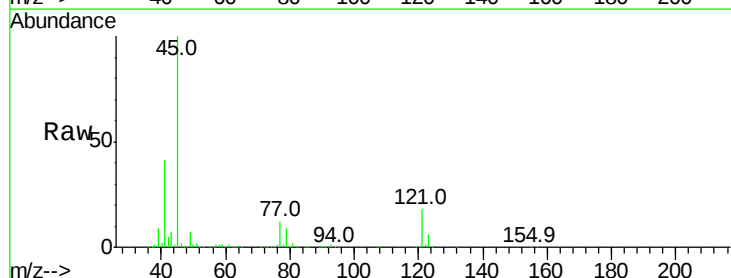
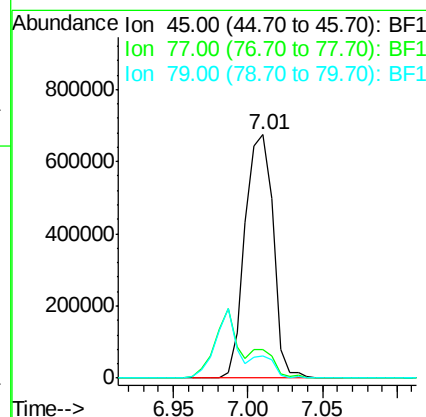
Manual Integrations
APPROVED

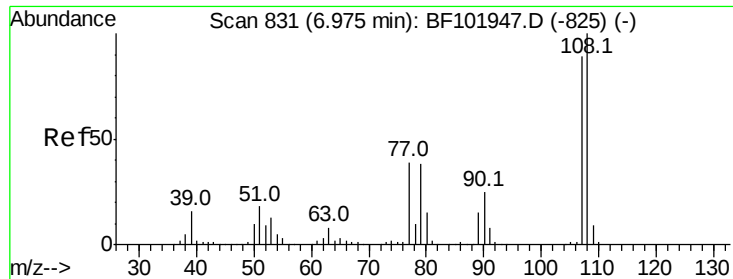
Sohil
1/12/2018 10:37:30 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.321 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	32.9
79	9.2	0.0	29.6





#17

2-Methylphenol

Concen: 33.072 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

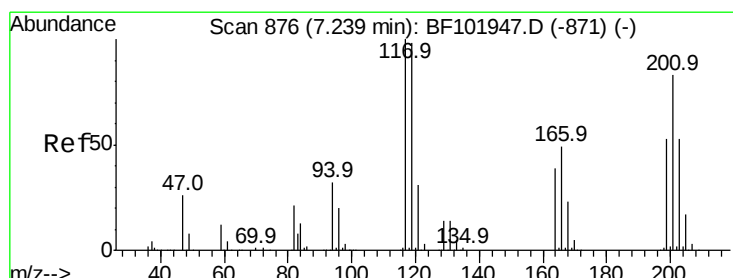
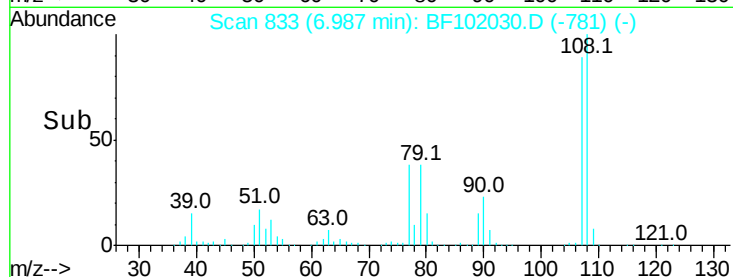
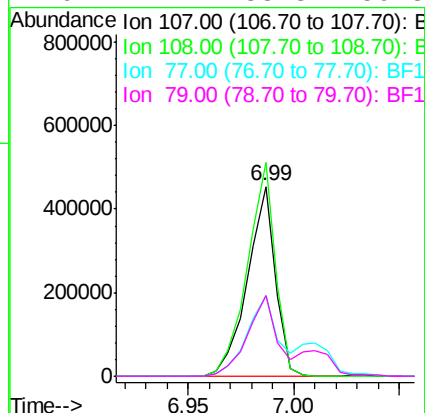
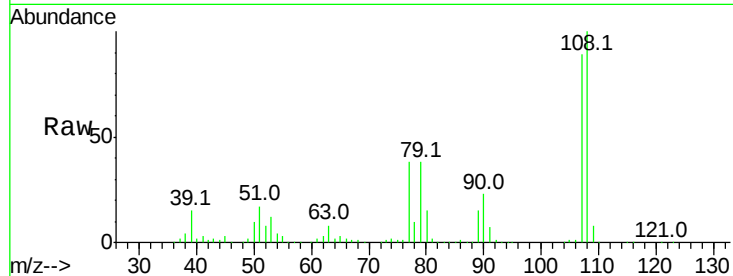
ClientSampleId :

SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.7	137.5	
77	42.5	33.8	50.8	
79	42.4	33.8	50.8	

Manual Integrations
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Sohil
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#18

Hexachloroethane

Concen: 33.386 ng

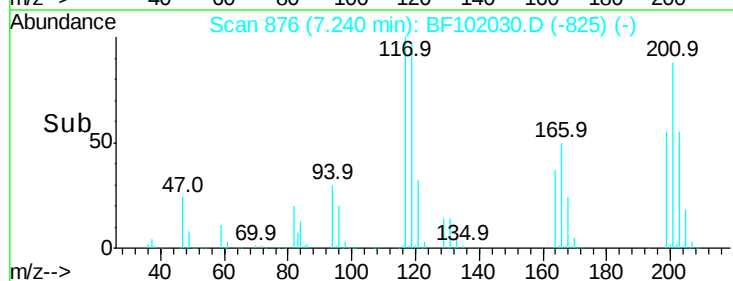
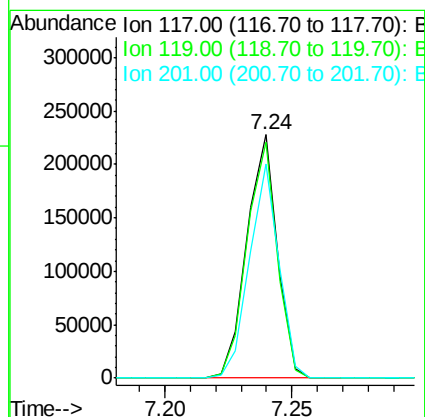
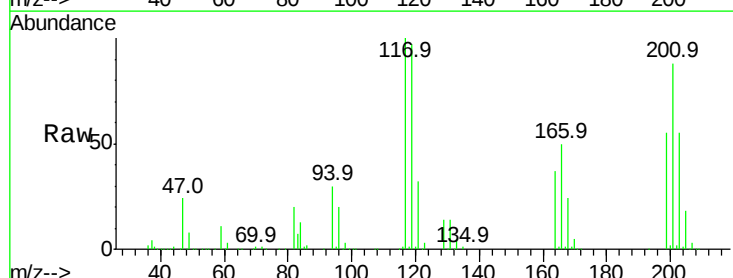
RT: 7.24 min Scan# 876

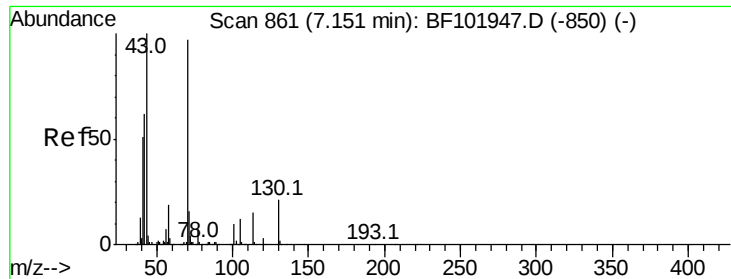
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.8	
201	87.8	75.7	113.5	





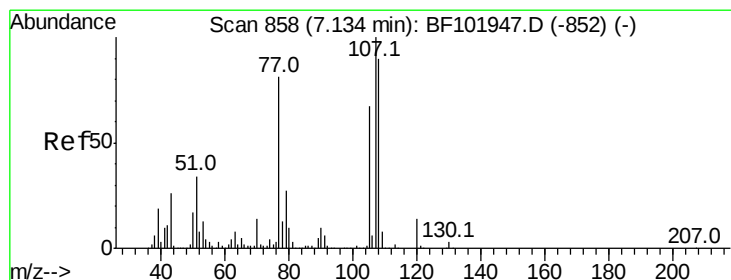
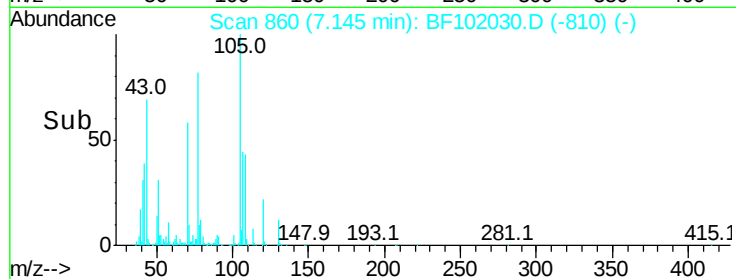
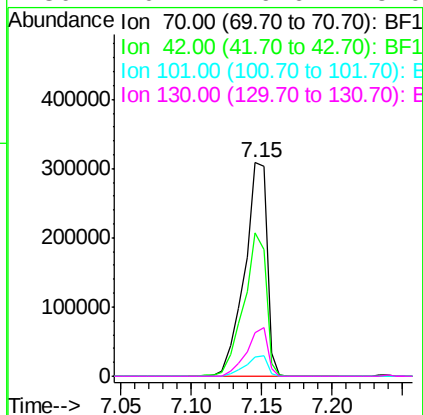
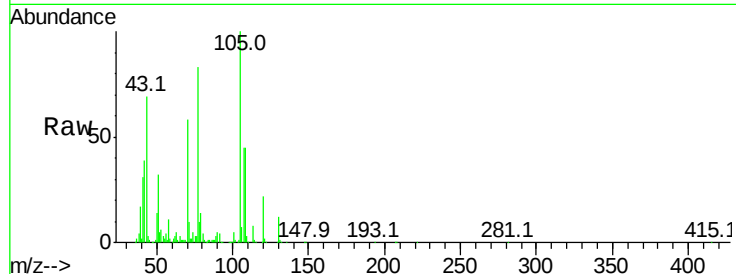
#19
n-Nitroso-di-n-propylamine
Concen: 31.379 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	47.5	71.3
101	9.0	7.4	11.2
130	20.4	16.6	25.0

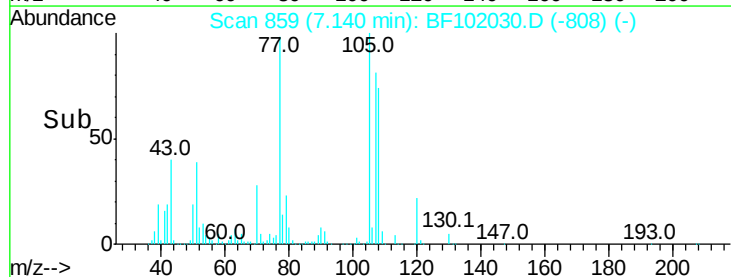
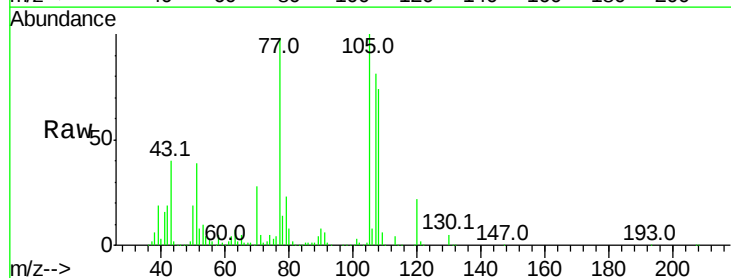
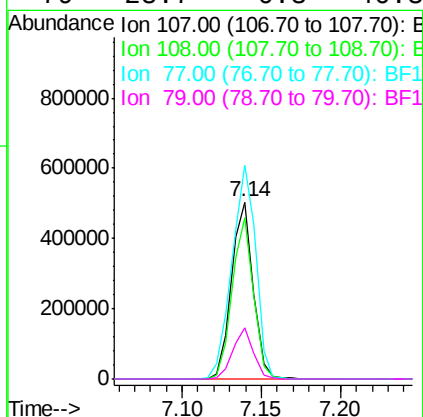
Manual Integrations
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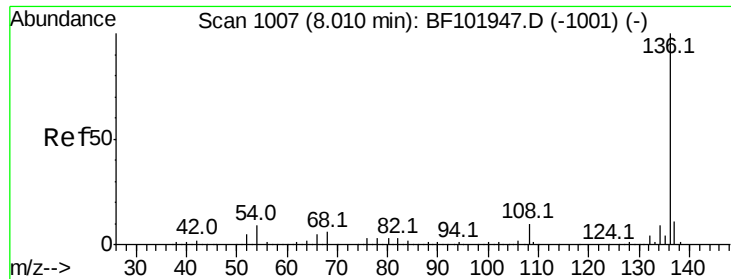
Sohil
1/12/2018 10:37:30 AM



#20
3+4-Methylphenols
Concen: 31.258 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.2	108.2
77	120.8	26.7	66.7#
79	28.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

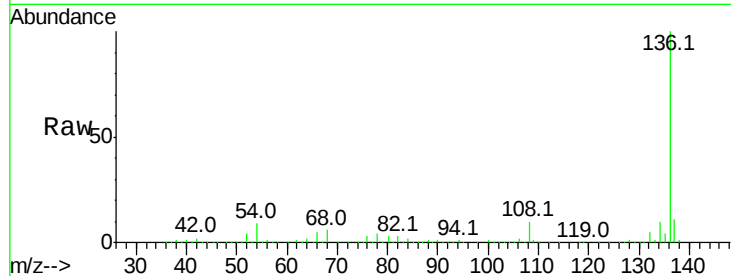
ClientSampleId :

SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	779249		
137	11.1		8.9	13.3
54	8.5		6.6	9.8
68	6.0		5.0	7.4

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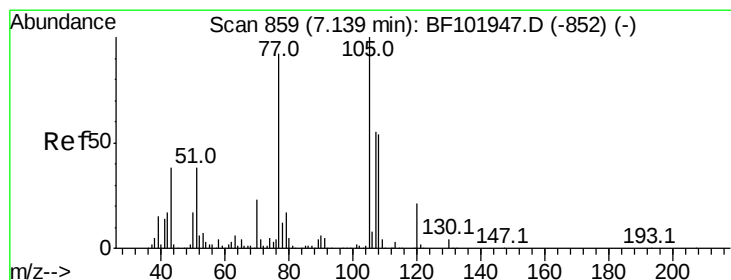
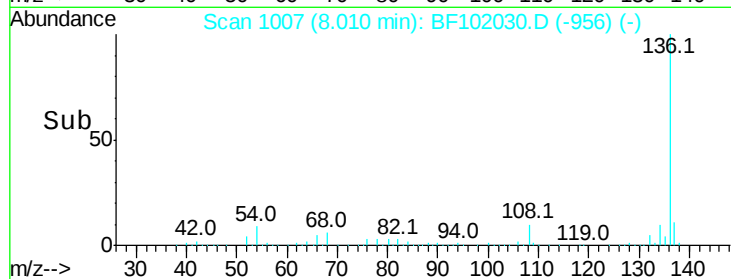
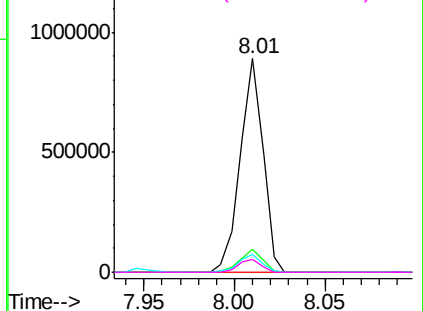


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.298 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

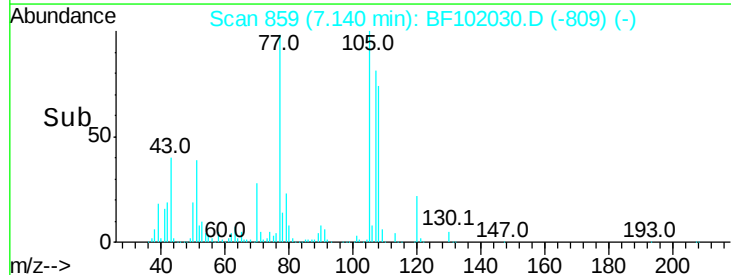
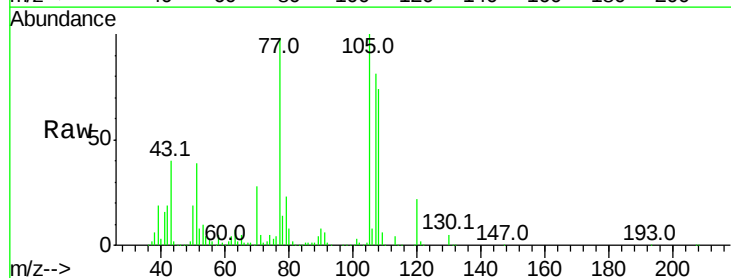
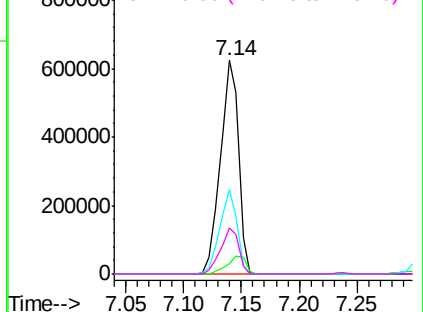
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	681513		
71	4.6		4.4	6.6
51	39.3		22.3	33.5#
120	21.7		16.9	25.3

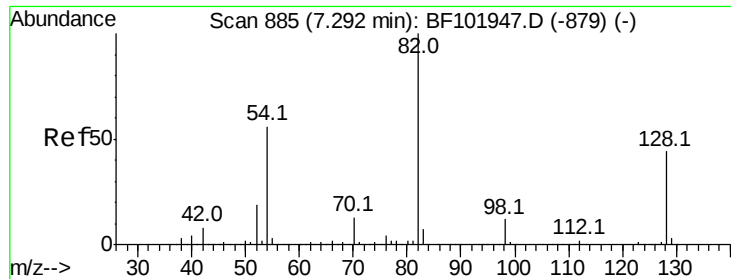
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





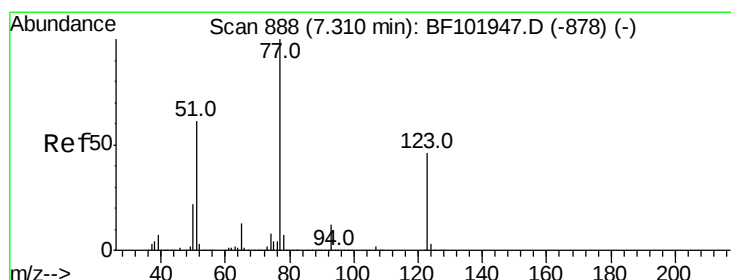
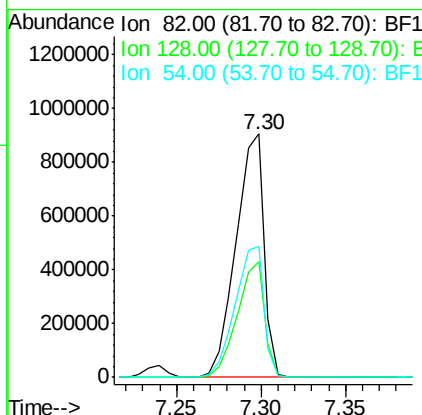
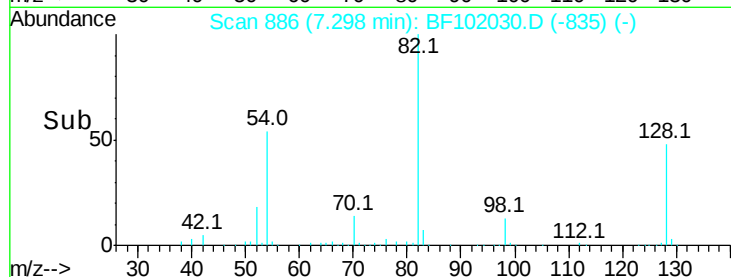
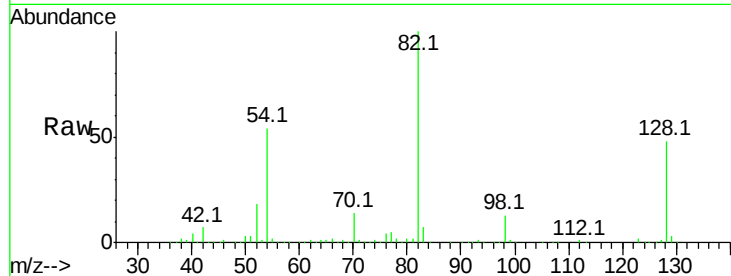
#23
Nitrobenzene-d5
Concen: 78.866 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion: 82 Resp: 1045809
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 53.7 41.4 62.2

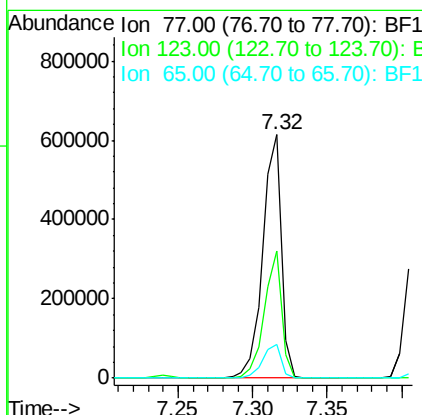
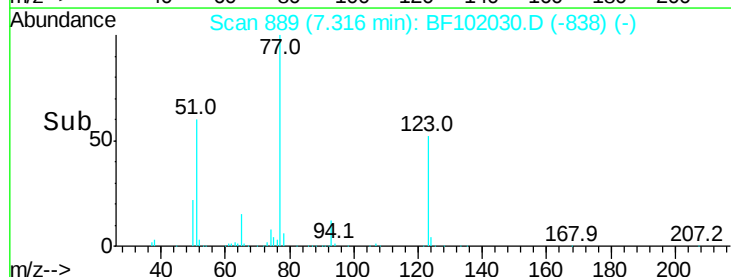
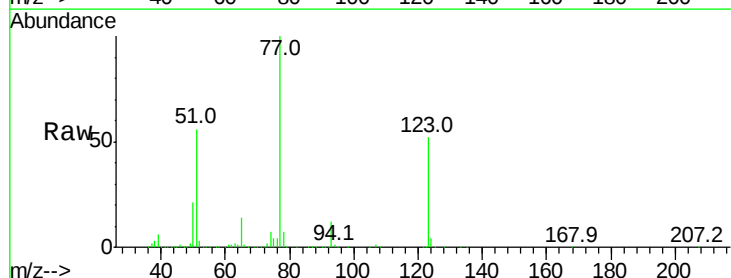
Manual Integrations
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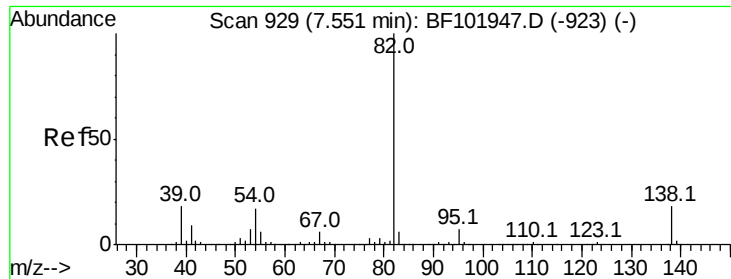
Sohil
1/12/2018 10:37:30 AM



#24
Nitrobenzene
Concen: 36.407 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion: 77 Resp: 518772
Ion Ratio Lower Upper
77 100
123 52.3 37.9 56.9
65 13.7 11.0 16.4





#25

Isophorone

Concen: 35.944 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

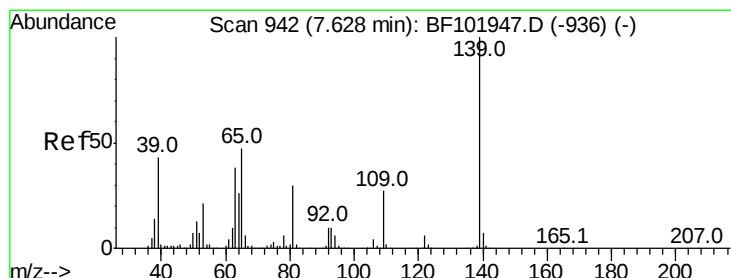
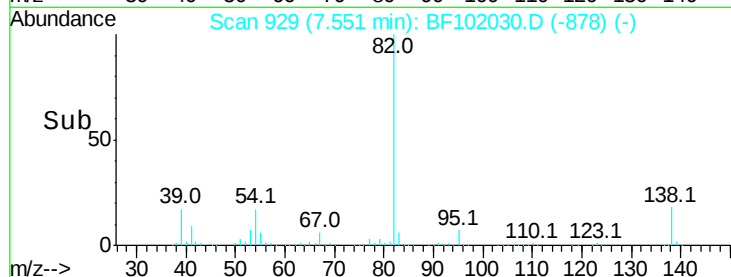
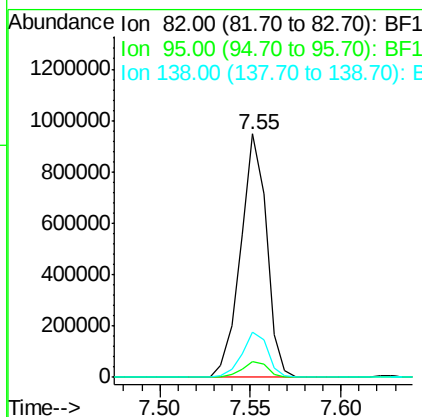
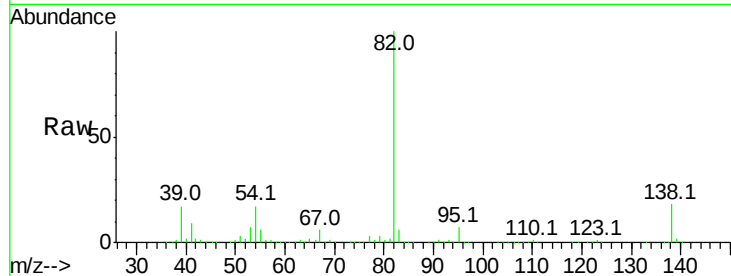
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	82	Resp:	941805
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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Sohil
1/12/2018 10:37:30 AM



#26

2-Nitrophenol

Concen: 45.224 ng

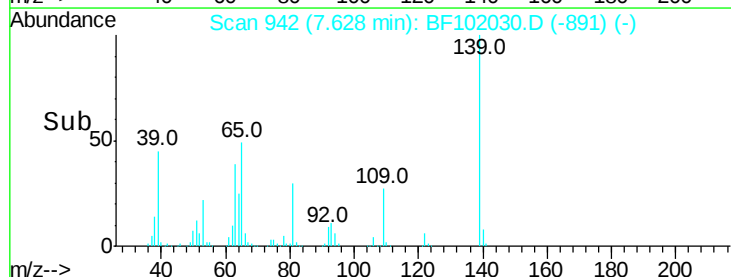
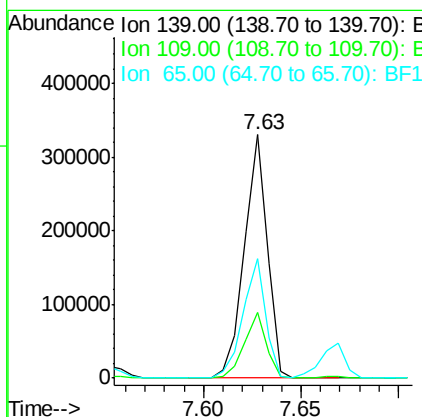
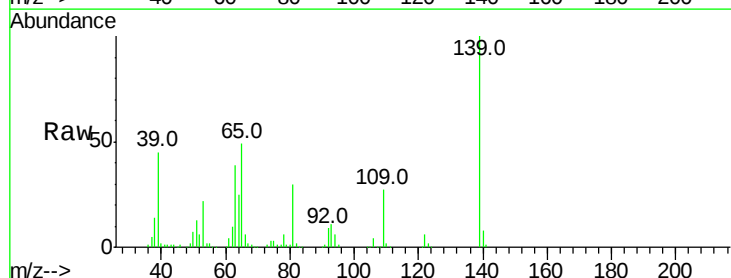
RT: 7.63 min Scan# 942

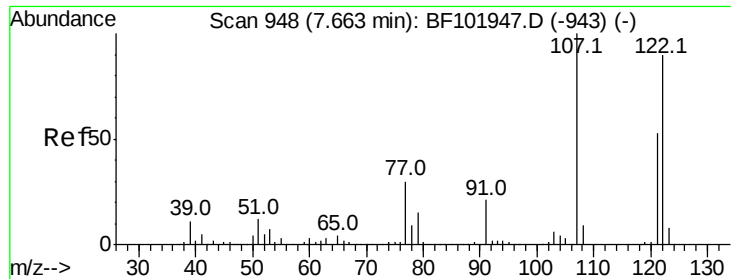
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	139	Resp:	269716
Ion Ratio	Lower	Upper	
139	100		
109	26.9	22.7	34.1
65	48.9	40.5	60.7





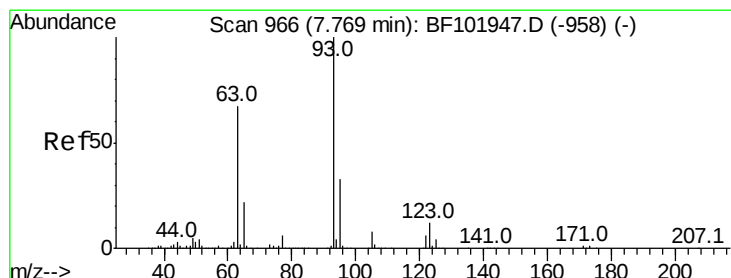
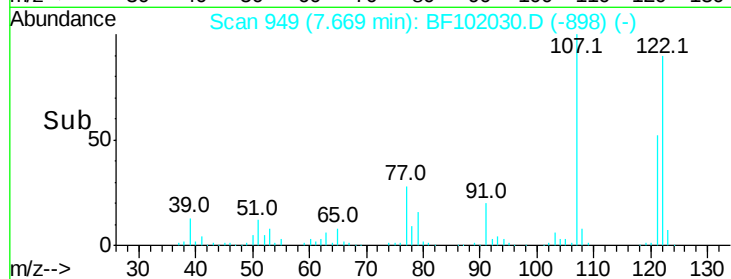
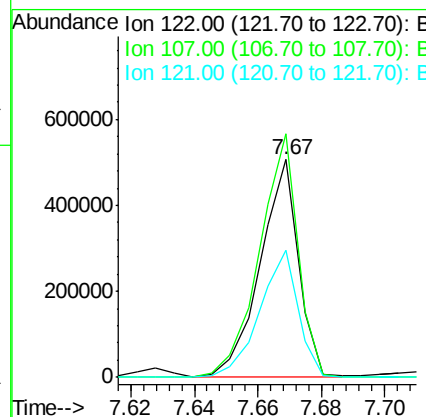
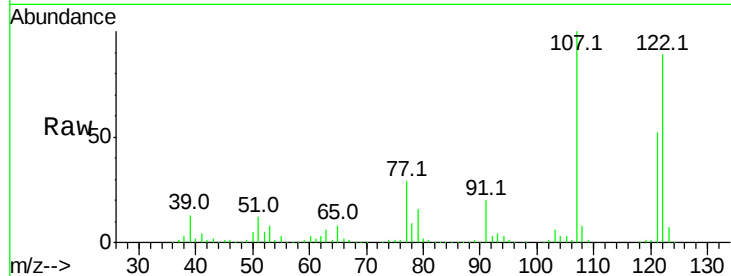
#27
 2,4-Dimethylphenol
 Concen: 38.437 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	428121		
107	111.8	91.2	136.8	
121	58.4	47.2	70.8	

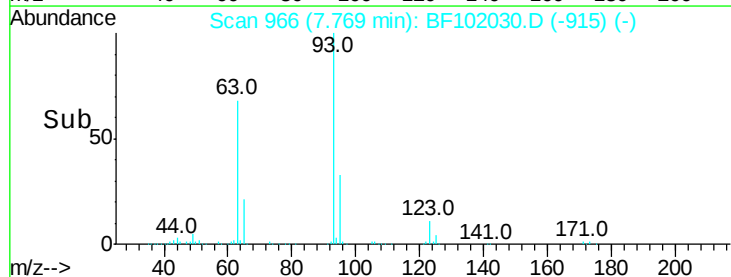
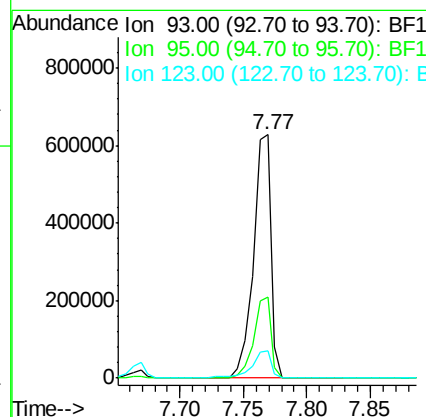
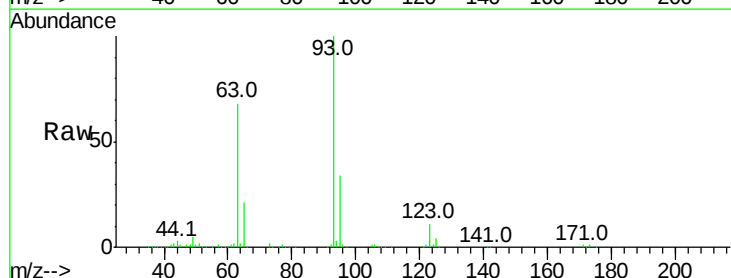
Manual Integrations
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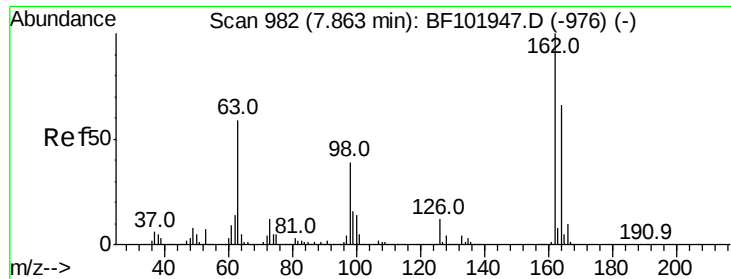
Sohil
 1/12/2018 10:37:30 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.429 ng
 RT: 7.77 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	607974		
95	33.6	26.3	39.5	
123	11.2	9.8	14.6	





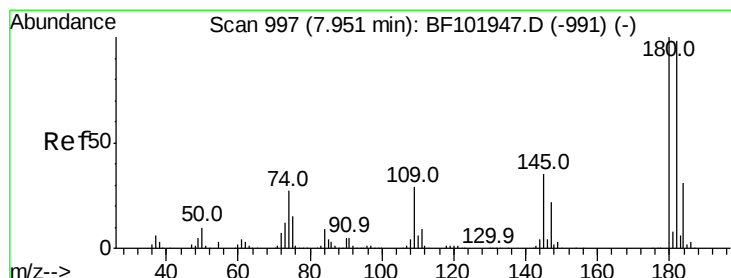
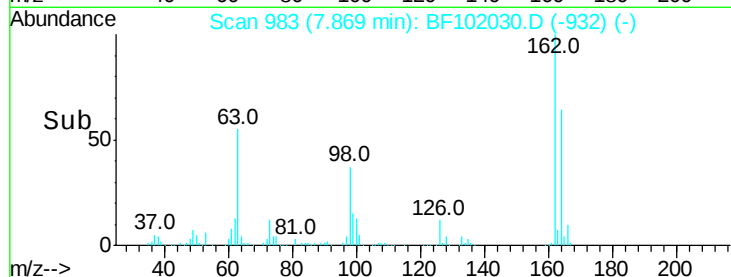
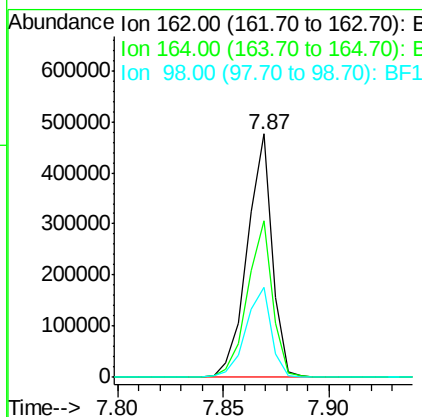
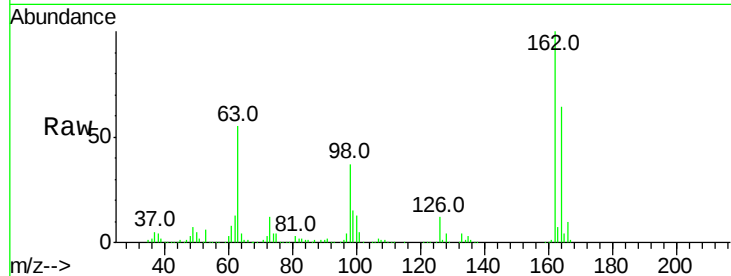
#29
2,4-Dichlorophenol
Concen: 37.178 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	393200		
164	64.4	42.7	82.7	
98	36.8	18.1	58.1	

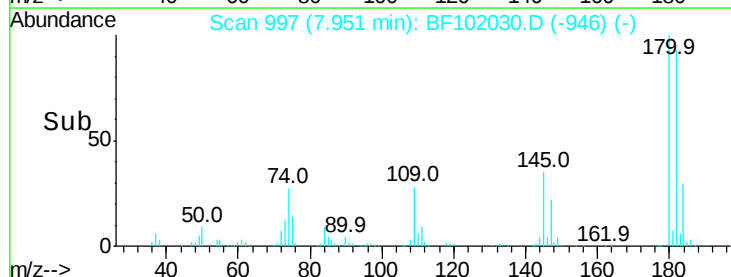
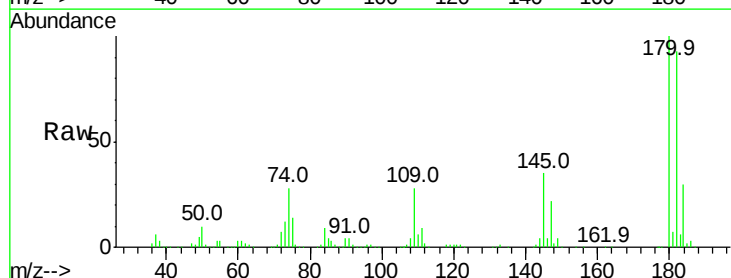
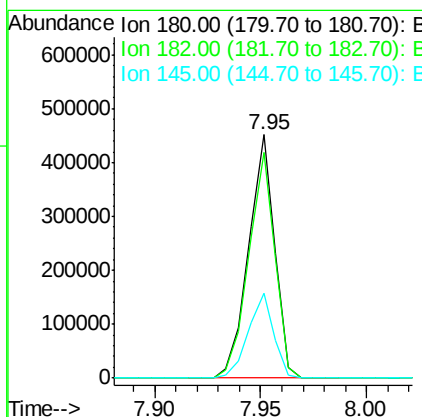
Manual Integrations
APPROVED

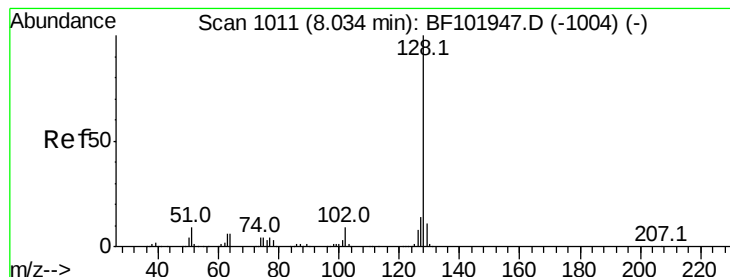
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 34.983 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386999		
182	92.5	76.8	115.2	
145	35.1	26.5	39.7	





#31

Naphthalene

Concen: 35.196 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:128 Resp: 1370441

Ion Ratio Lower Upper

128 100

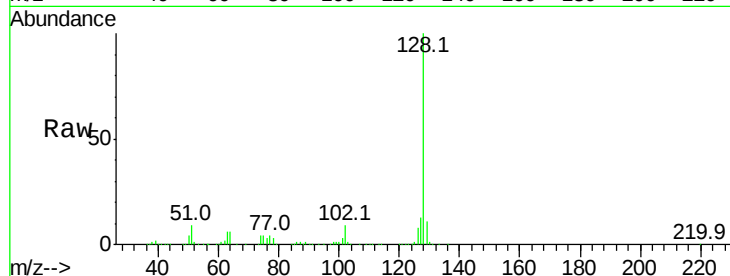
129 10.9 8.8 13.2

127 13.5 10.9 16.3

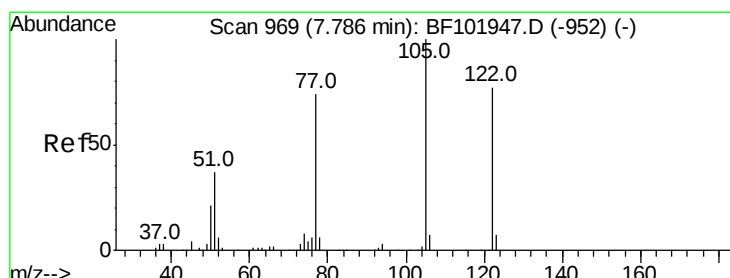
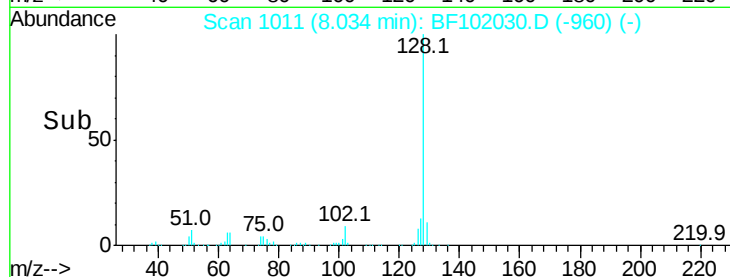
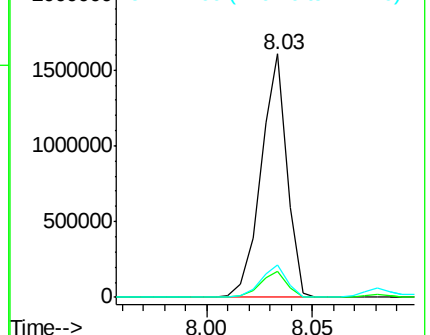
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.975 ng m

RT: 7.75 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

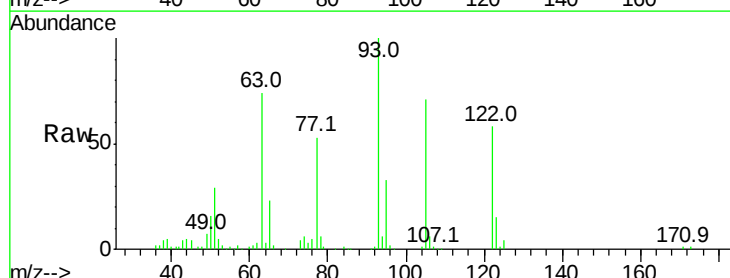
Tgt Ion:122 Resp: 143368

Ion Ratio Lower Upper

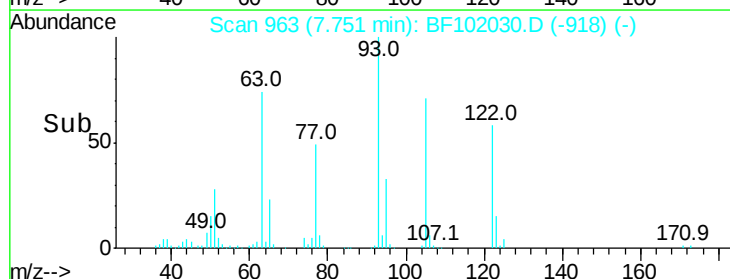
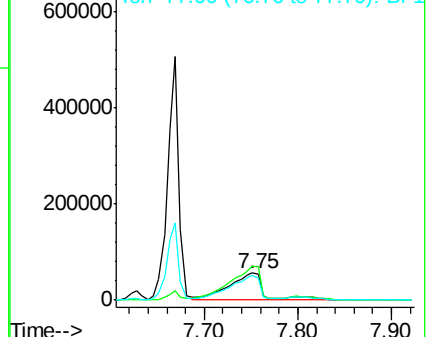
122 100

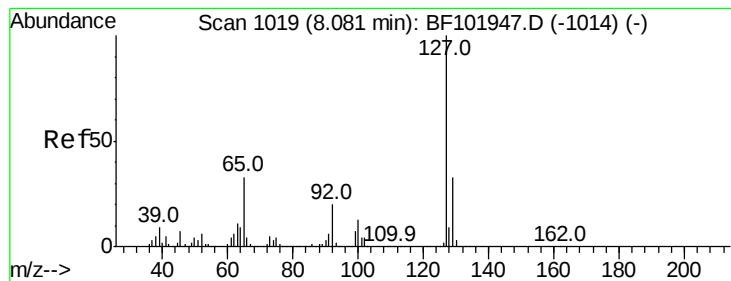
105 123.2 101.1 141.1

77 91.1 70.7 110.7



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





#33

4-Chloroaniline

Concen: 5.156 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

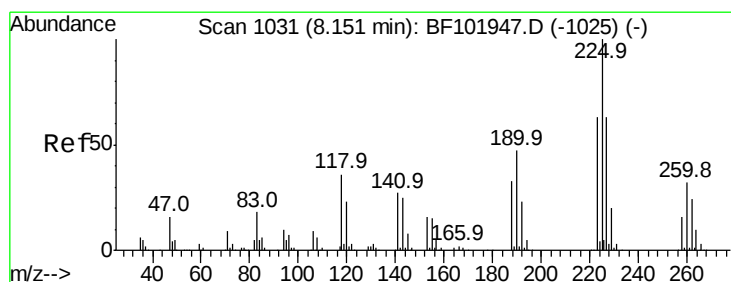
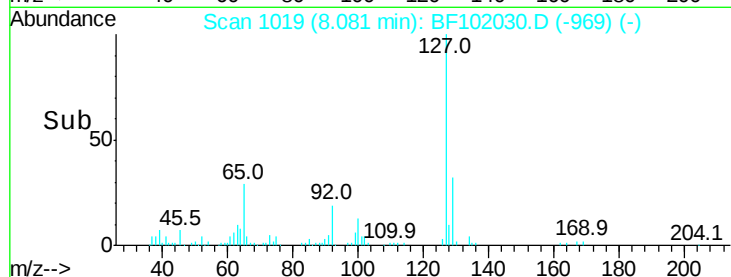
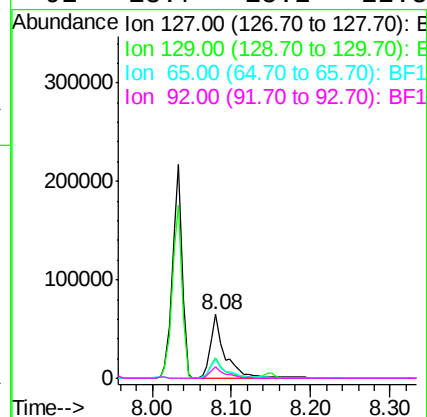
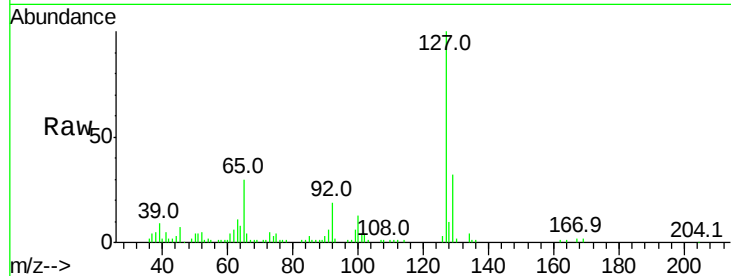
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	127	Resp:	85686
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	29.9	25.0	37.4
92	18.7	15.2	22.8

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#34

Hexachlorobutadiene

Concen: 35.396 ng

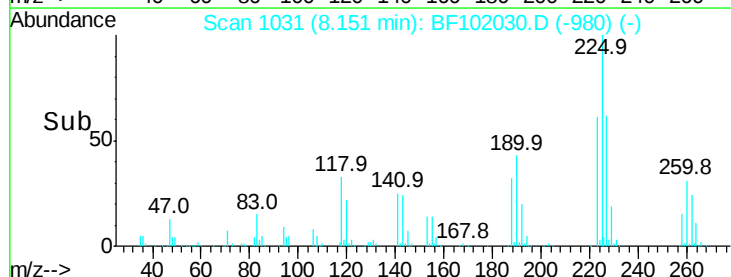
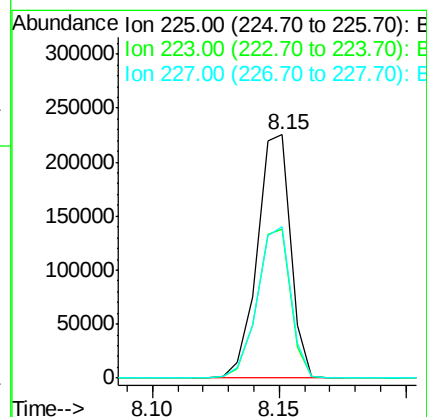
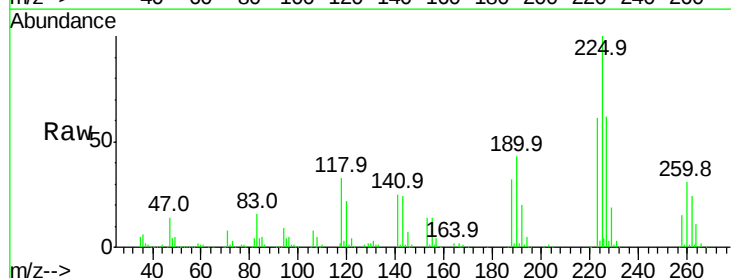
RT: 8.15 min Scan# 1031

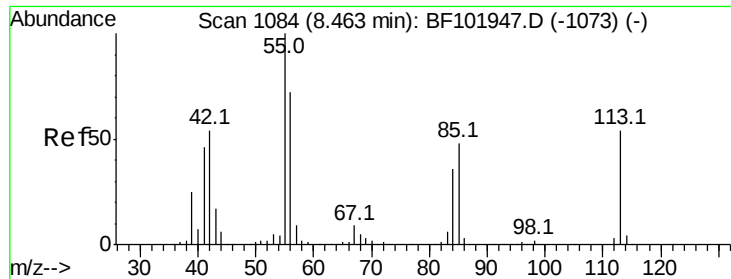
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	225	Resp:	207268
Ion Ratio	Lower	Upper	
225	100		
223	61.1	50.6	76.0
227	62.4	51.9	77.9





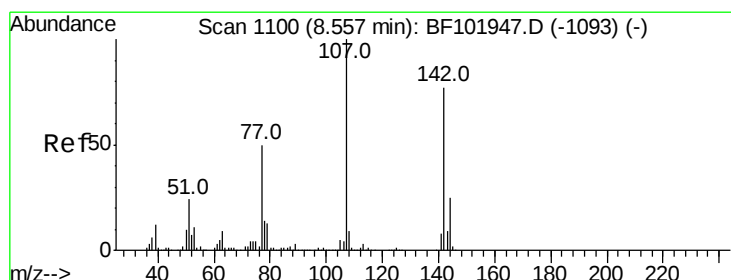
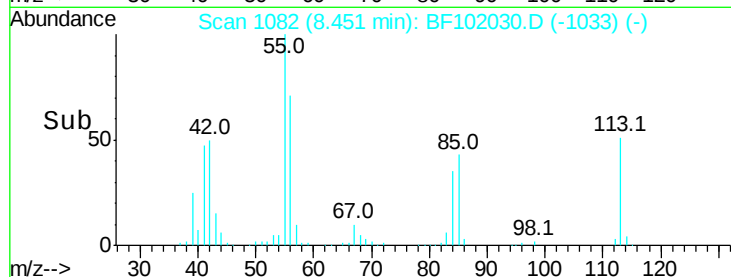
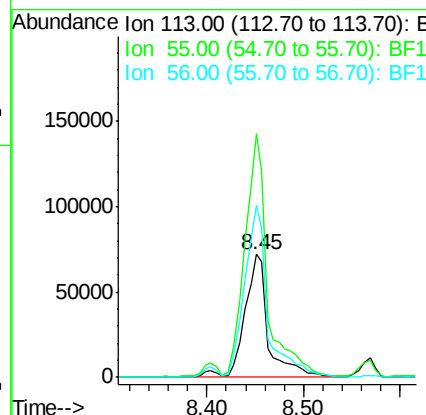
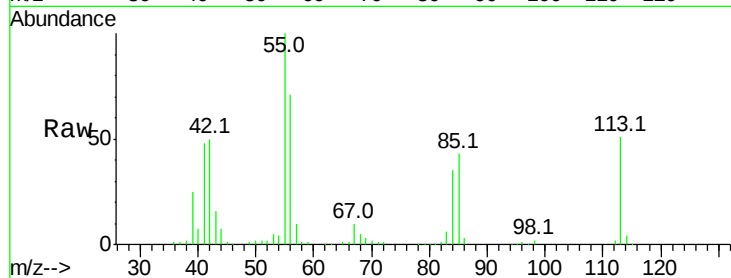
#35
Caprolactam
Concen: 34.198 ng/ml
RT: 8.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	197.8	163.3	203.3
56	139.8	115.7	155.7

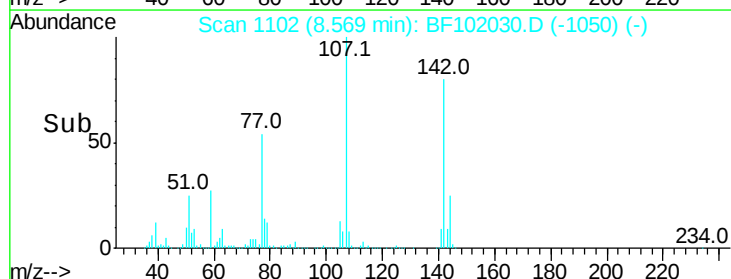
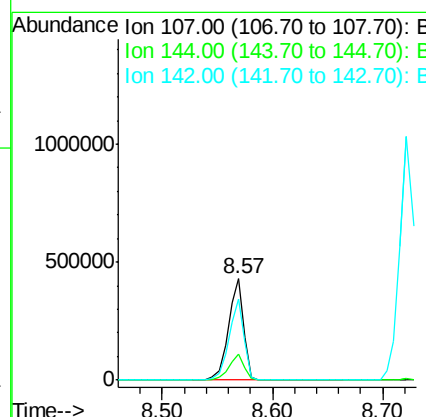
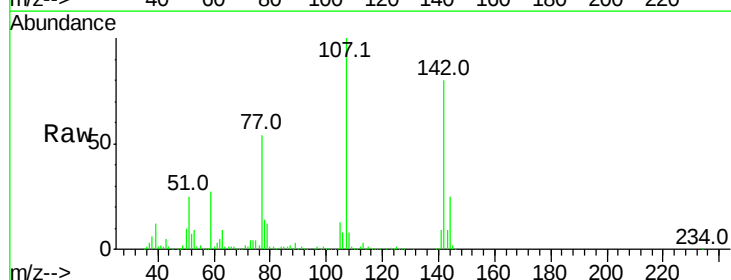
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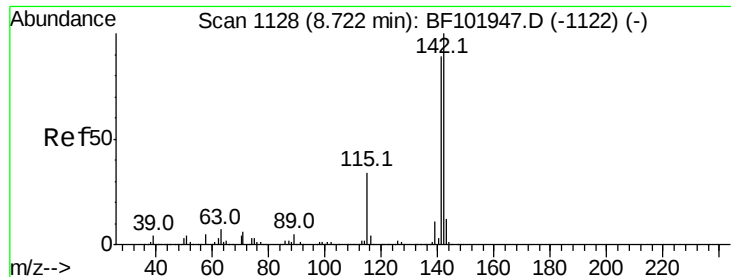
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 35.623 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.5	30.7
142	79.5	62.0	93.0





#37

2-Methylnaphthalene

Concen: 34.863 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

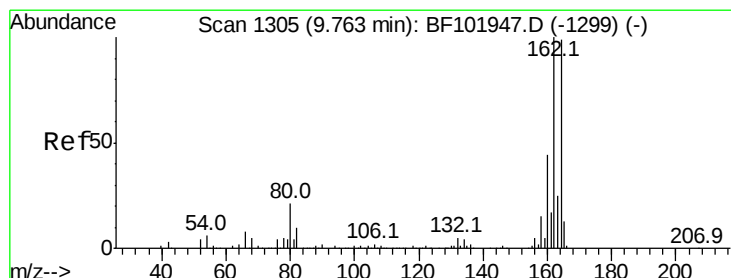
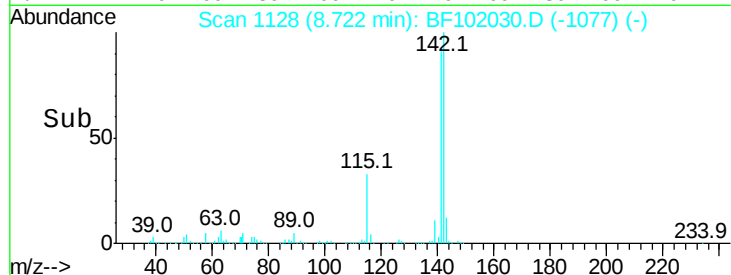
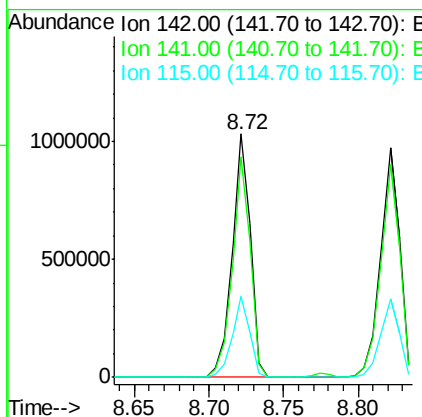
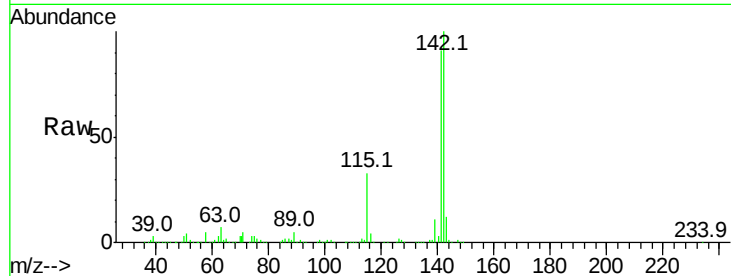
Instrument :
BNA_F

ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	893665		
141	90.7	70.8	106.2	
115	33.0	26.1	39.1	

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#38

Acenaphthene-d10

Concen: 20.000 ng

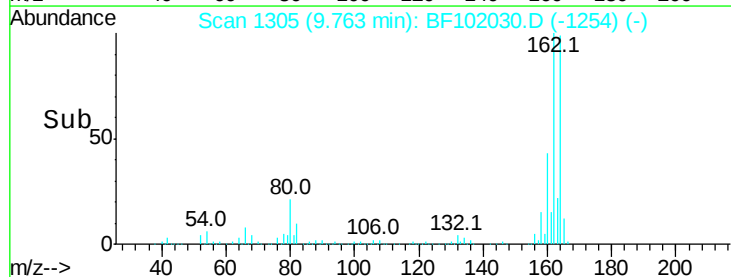
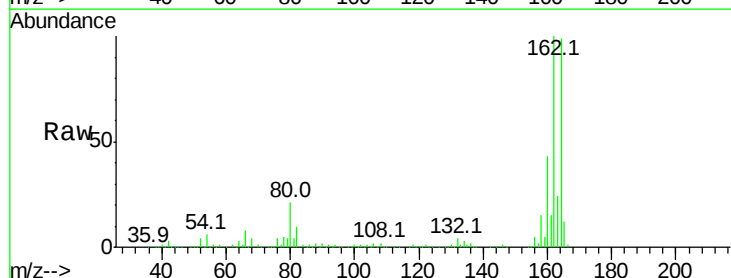
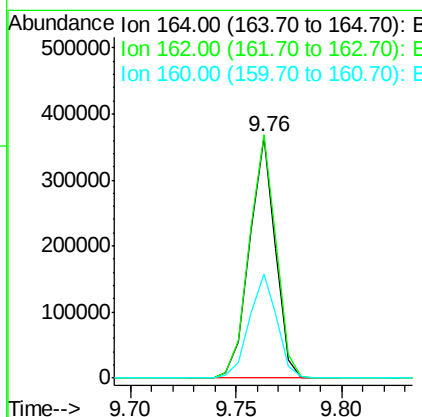
RT: 9.76 min Scan# 1305

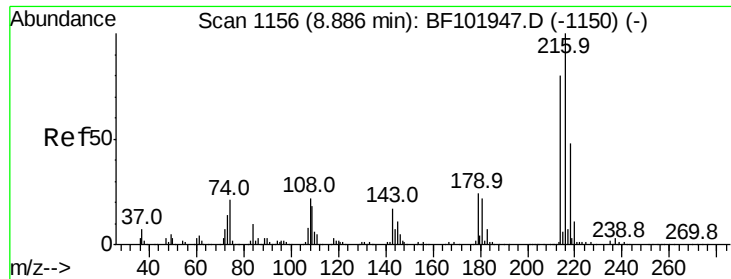
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	310599		
162	100.9	86.1	129.1	
160	43.4	38.3	57.5	





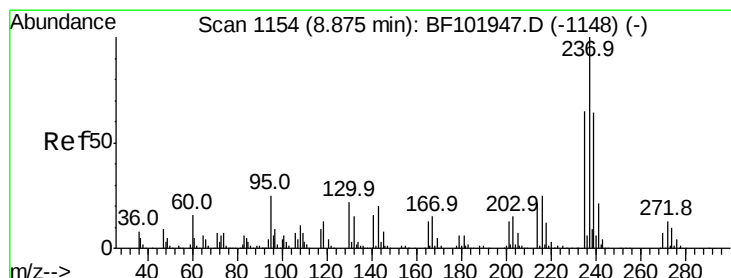
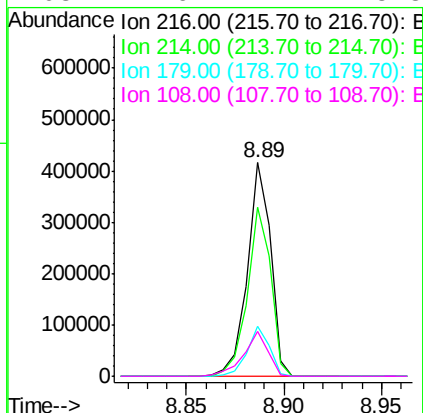
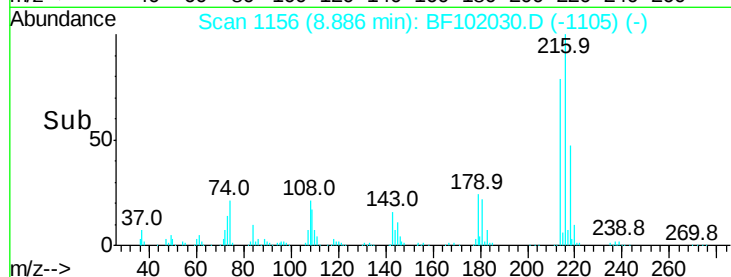
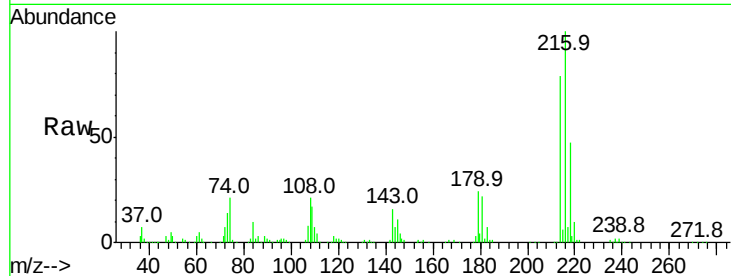
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.165 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	344149		
214	79.6	63.0	94.4	
179	22.6	18.1	27.1	
108	22.6	17.2	25.8	

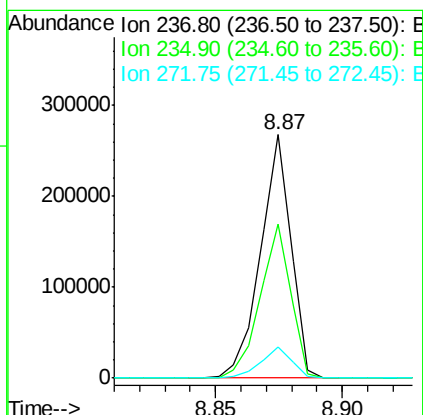
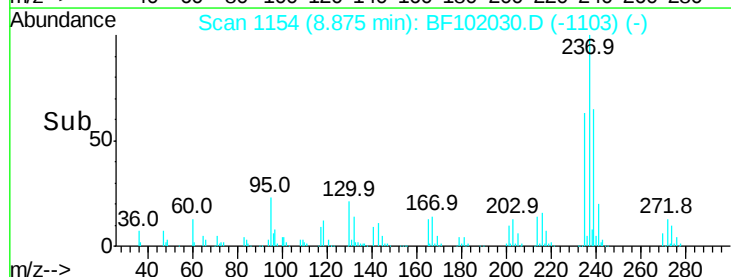
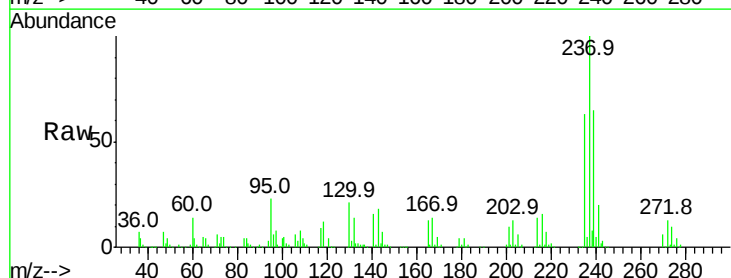
Manual Integrations
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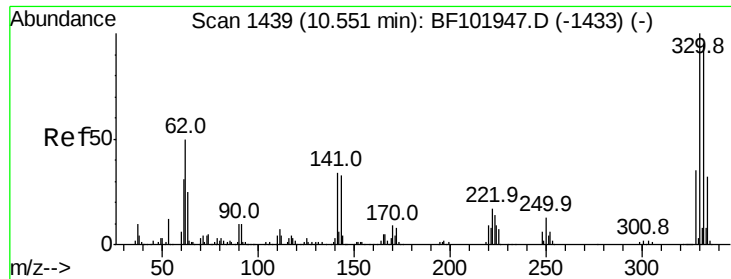
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 47.139 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	226529		
235	63.3	44.8	84.8	
272	12.7	0.0	33.3	





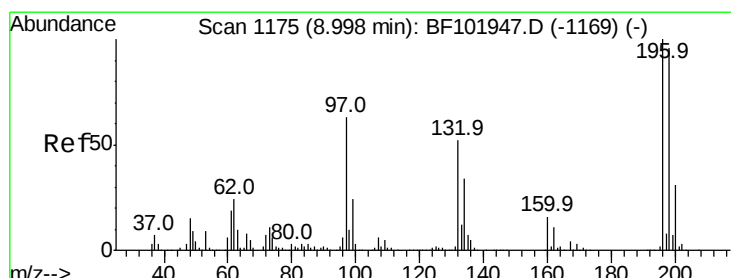
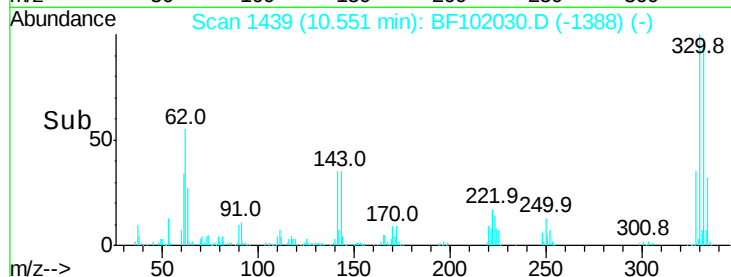
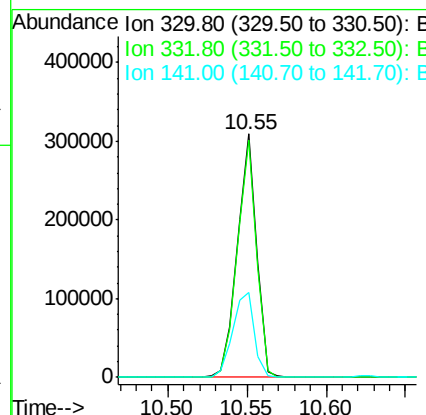
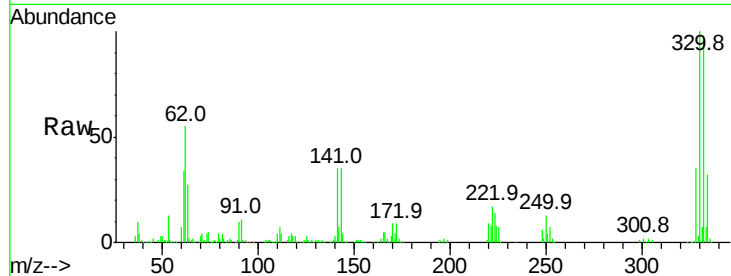
#41
 2,4,6-Tribromophenol
 Concen: 96.694 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	262095		
332	96.9	77.0	115.6	
141	39.0	29.9	44.9	

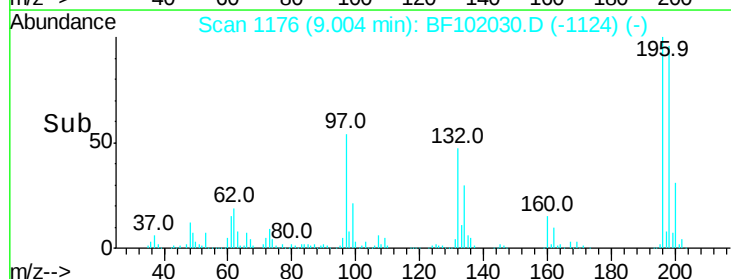
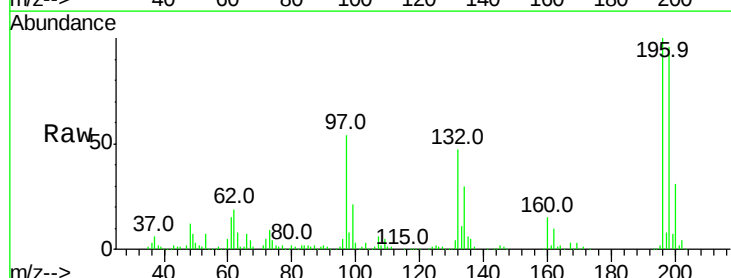
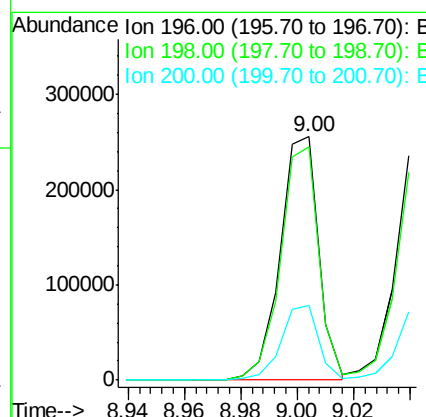
Manual Integrations
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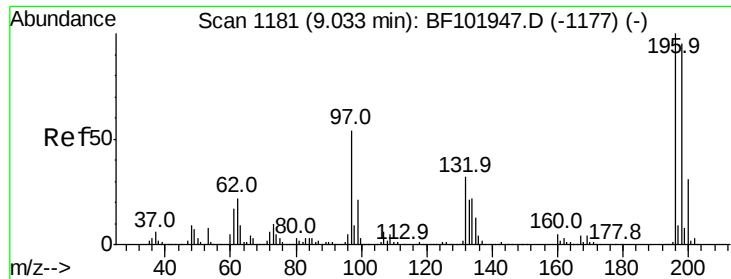
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 39.833 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241200		
198	96.0	75.7	113.5	
200	30.6	24.5	36.7	





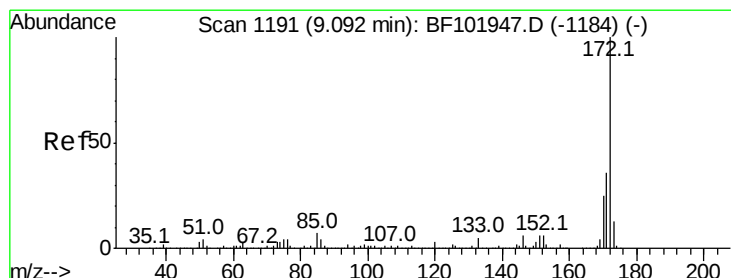
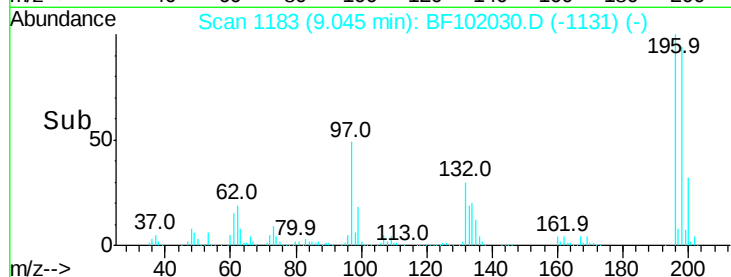
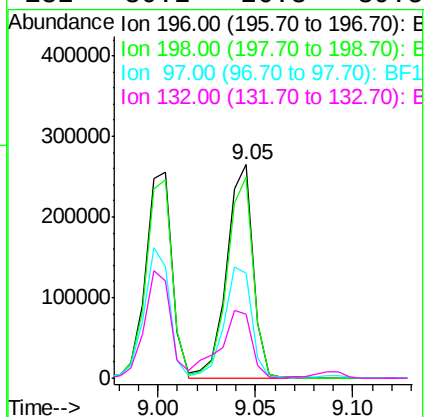
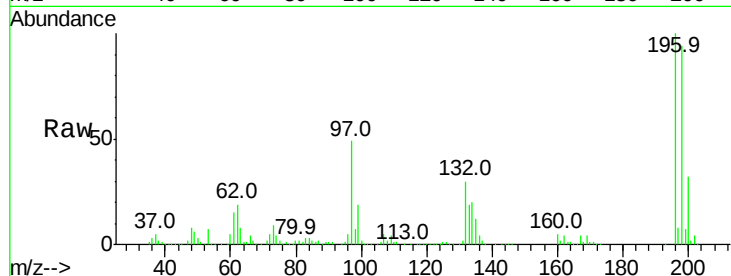
#43
 2,4,5-Trichlorophenol
 Concen: 36.252 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	248107		
198	94.0	74.6	112.0	
97	49.1	42.9	64.3	
132	30.2	26.3	39.5	

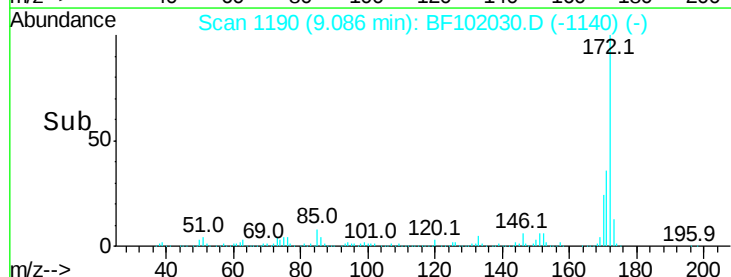
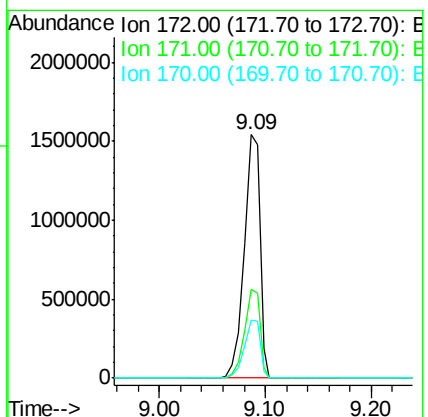
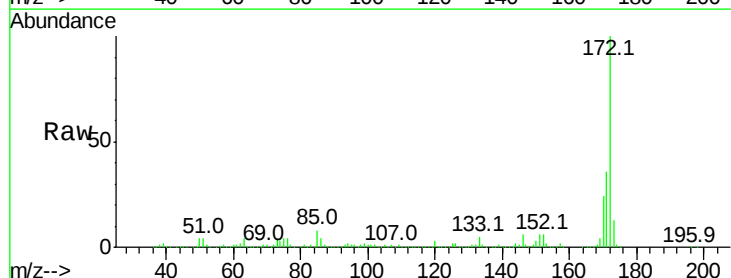
Manual Integrations
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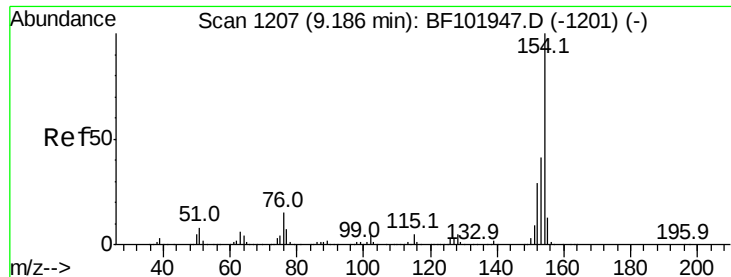
Sohil
 1/12/2018 10:37:30 AM



#44
 2-Fluorobiphenyl
 Concen: 79.181 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1574222		
171	36.2	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 37.320 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:154 Resp: 1024576

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

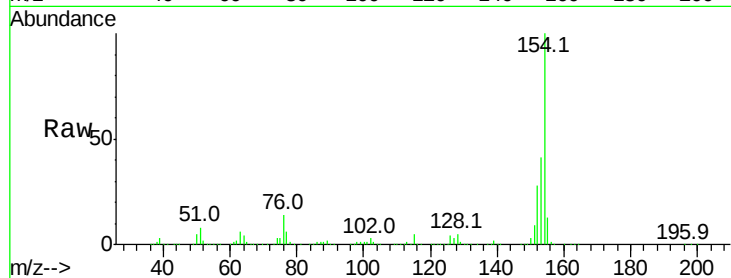
76 14.1 0.0 34.0

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Sohil

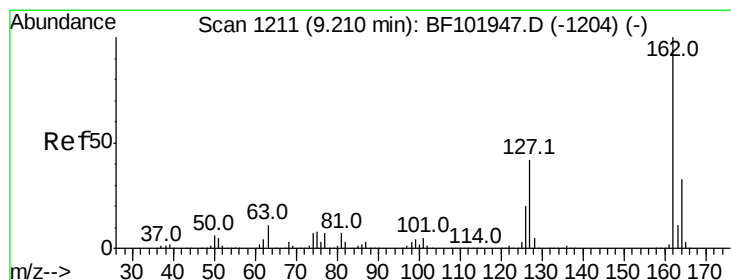
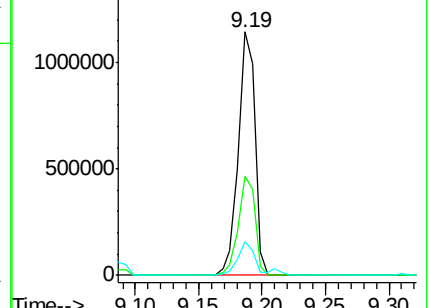
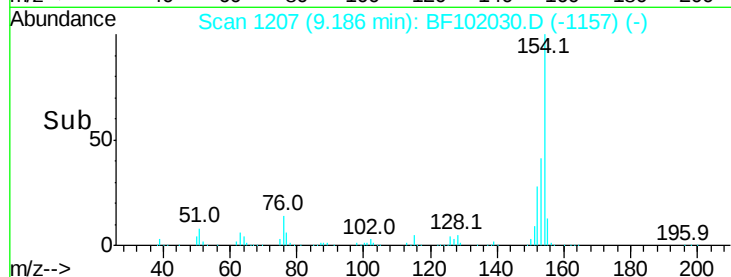
1/12/2018 10:37:30 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.958 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

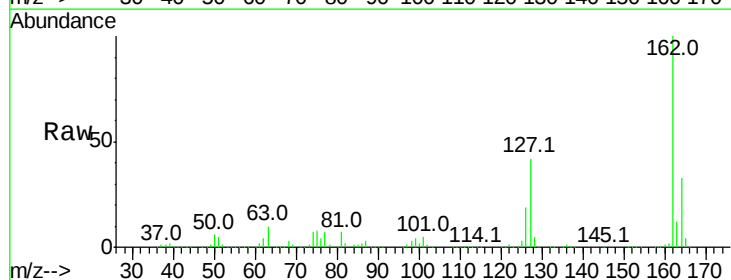
Tgt Ion:162 Resp: 765524

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

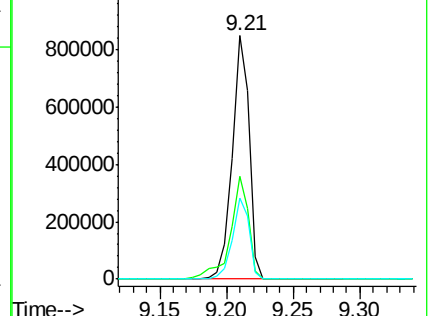
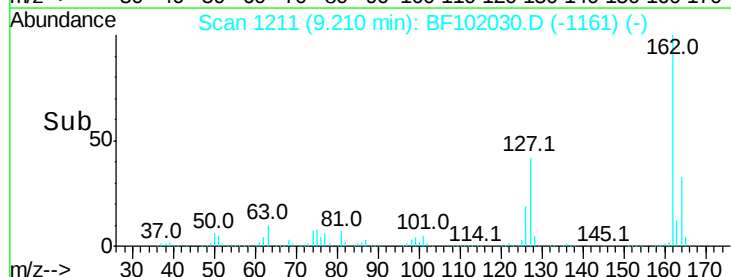
164 33.5 26.5 39.7

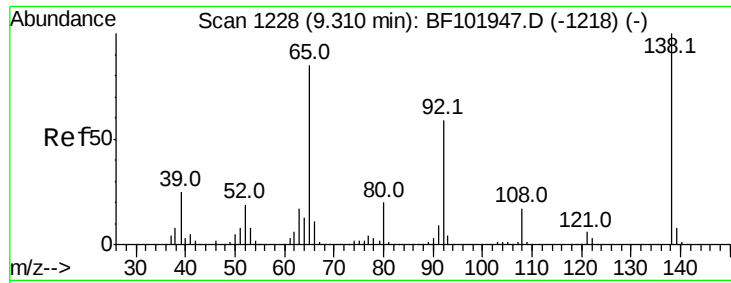


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





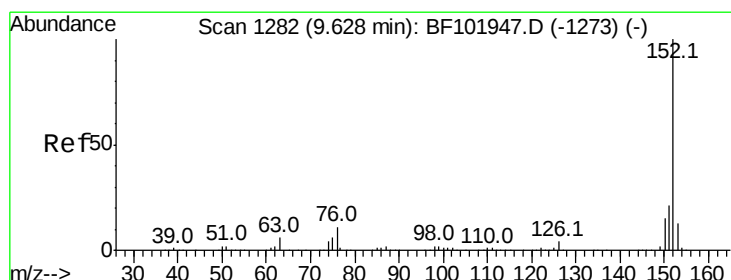
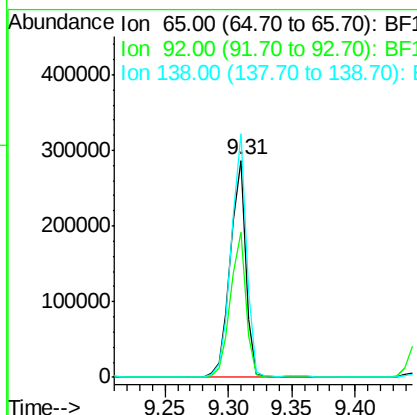
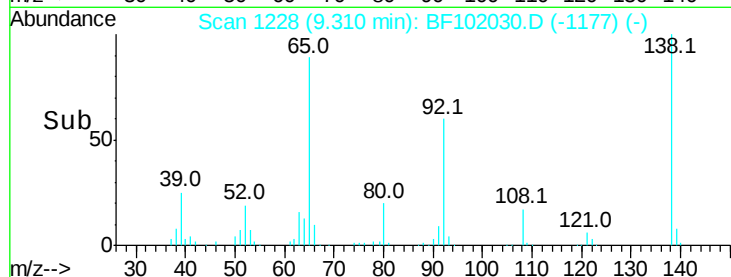
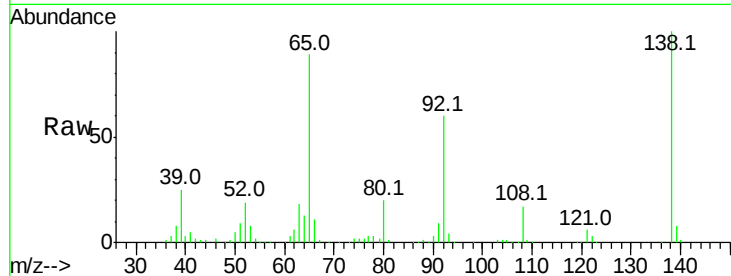
#47
 2-Nitroaniline
 Concen: 38.369 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion:	65	Resp:	244681
Ion Ratio	Lower	Upper	
65	100		
92	67.0	55.8	83.6
138	112.3	91.2	136.8

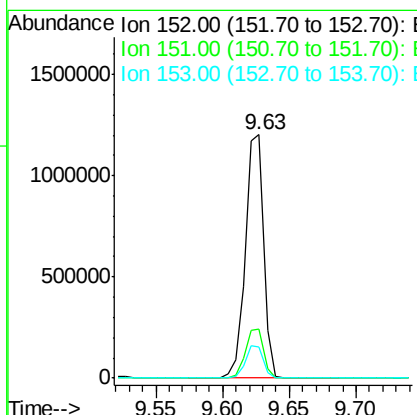
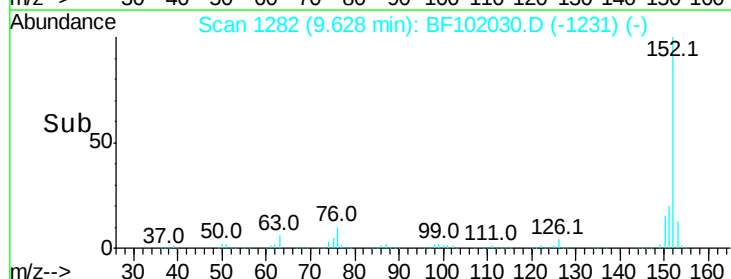
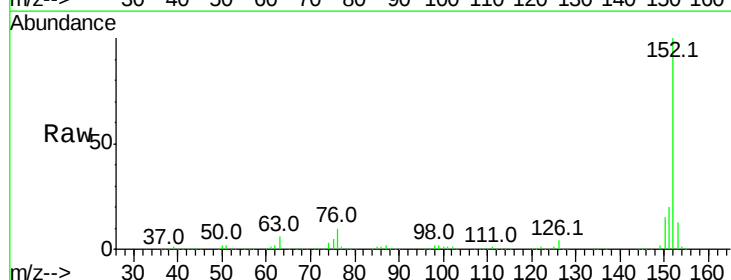
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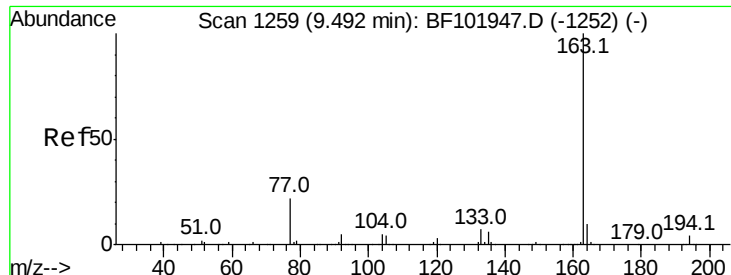
Sohil
 1/12/2018 10:37:30 AM



#48
 Acenaphthylene
 Concen: 33.284 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion:	152	Resp:	1124514
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	12.7	10.7	16.1





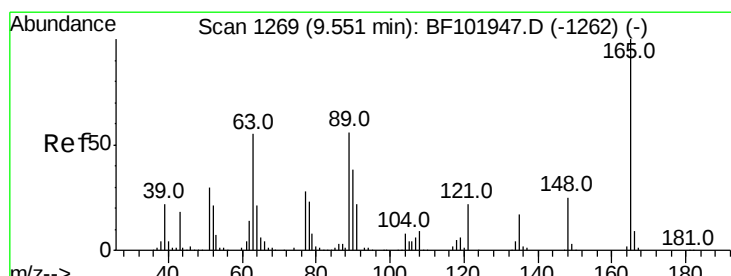
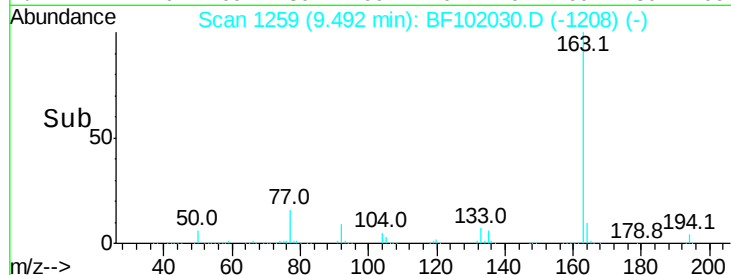
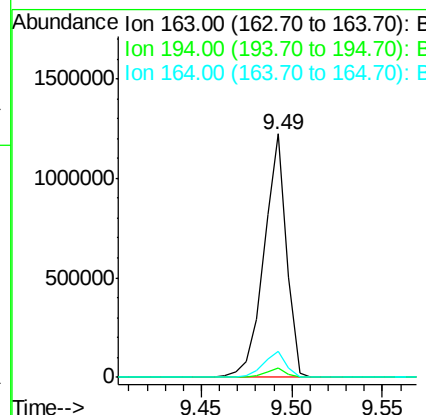
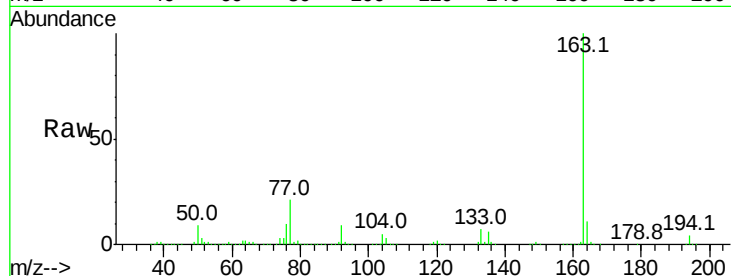
#49
Dimethylphthalate
Concen: 42.230 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

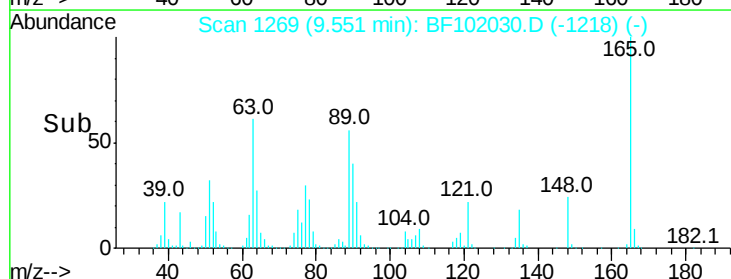
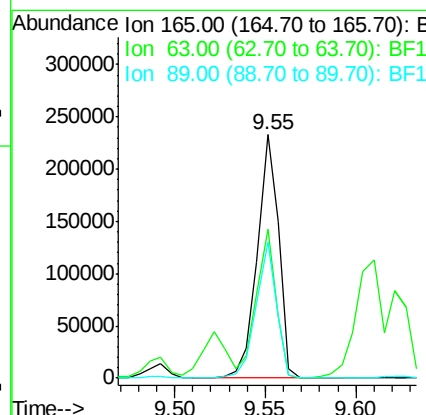
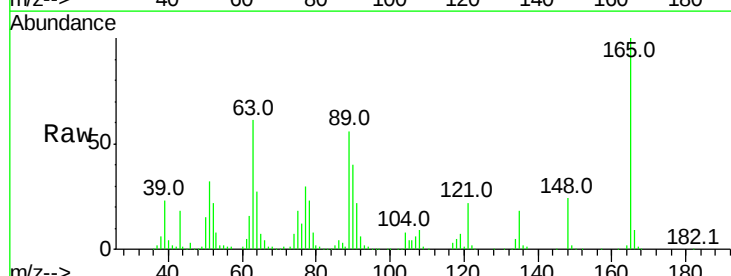
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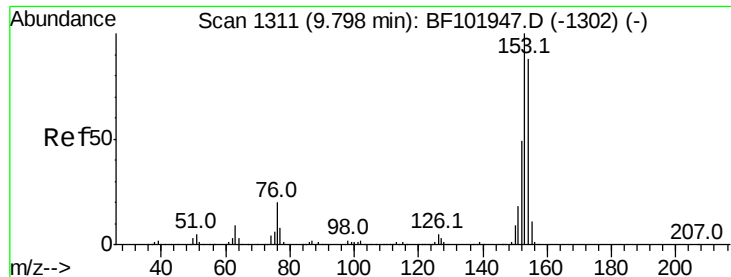
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.254 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.2	44.7	67.1
89	55.9	44.0	66.0





#51

Acenaphthene

Concen: 32.679 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

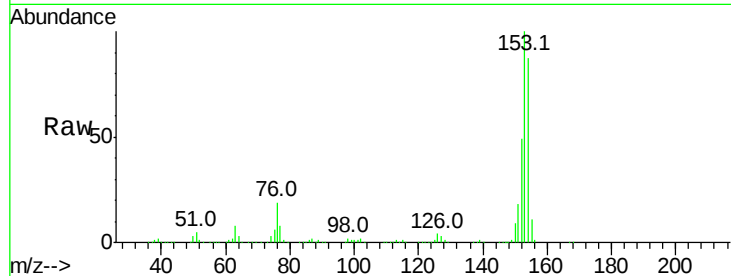
ClientSampleId :

SB-27-COMPMSD

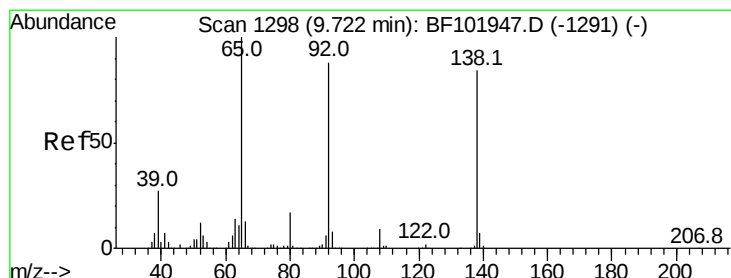
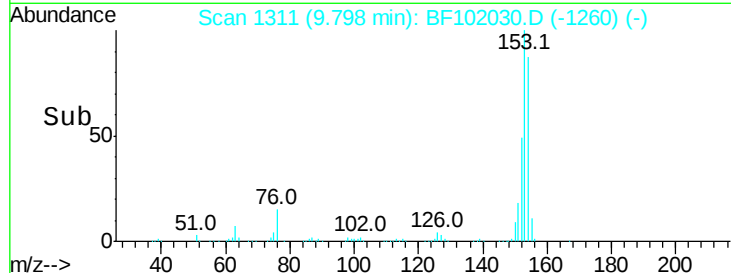
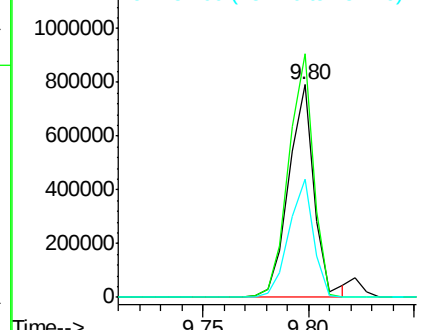
Tot Ion:	154	Resp:	670140
Ion	Ratio	Lower	Upper
154	100		
153	114.7	91.2	136.8
152	55.7	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.086 ng

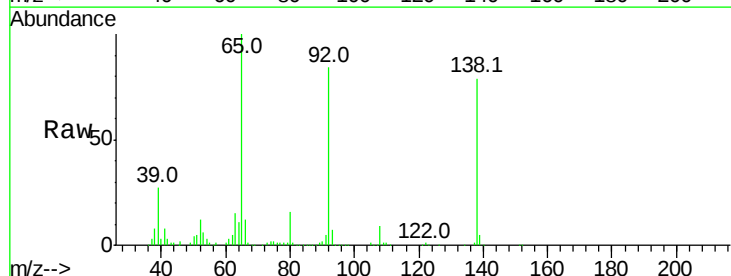
RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

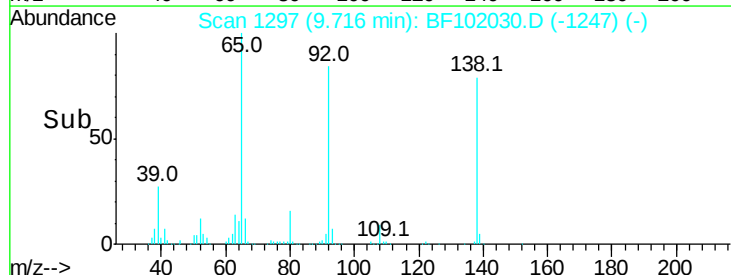
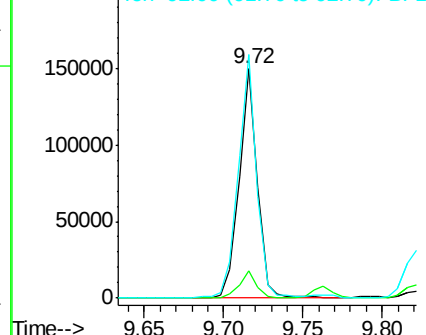
Lab File: BF102030.D

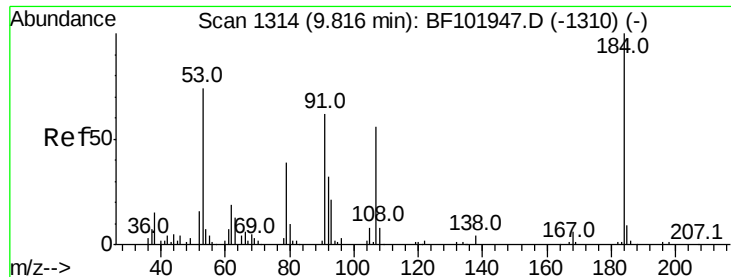
Acq: 11 Jan 2018 20:34

Tgt Ion:	138	Resp:	119889
Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.4	14.0
92	106.2	89.4	134.2



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





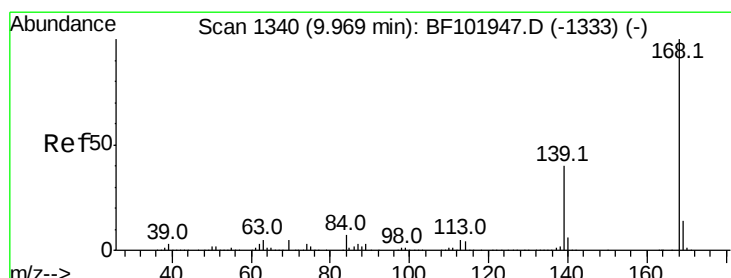
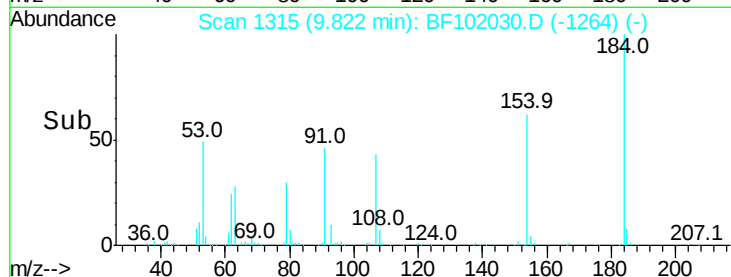
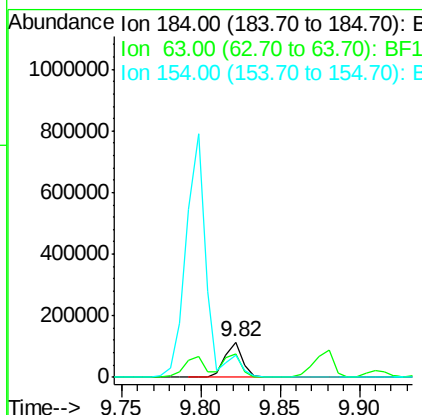
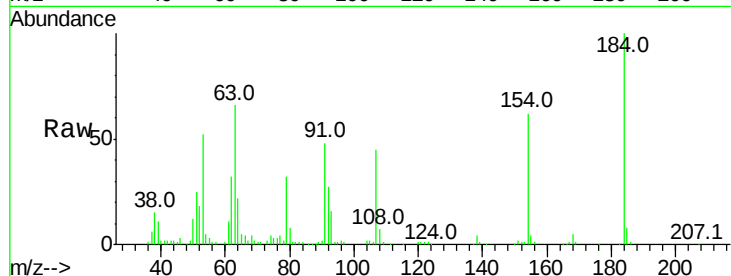
#53
2,4-Dinitrophenol
Concen: 49.847 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	65.9	54.2	81.2
154	62.2	184.0	276.0#

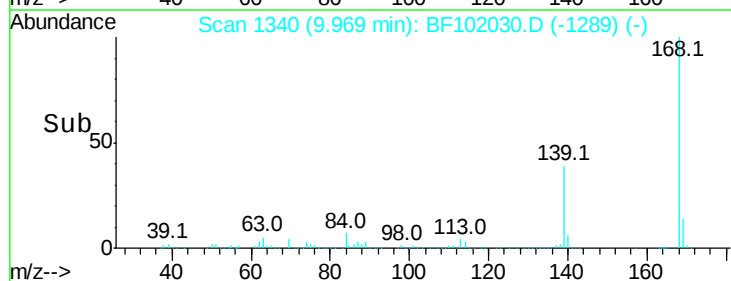
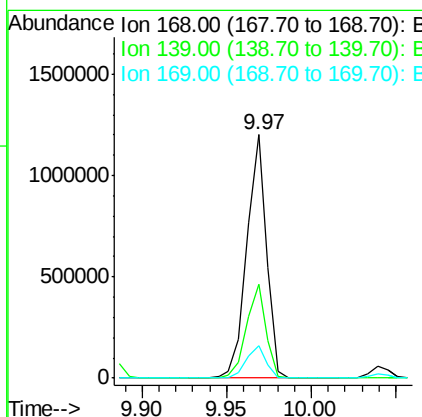
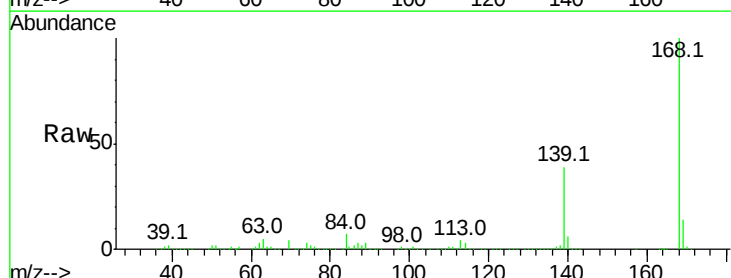
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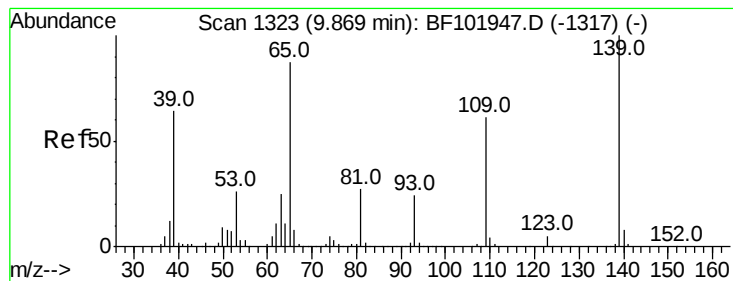
Sohil
1/12/2018 10:37:30 AM



#54
Dibenzofuran
Concen: 34.937 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.6	10.9	16.3





#55

4-Nitrophenol

Concen: 62.094 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

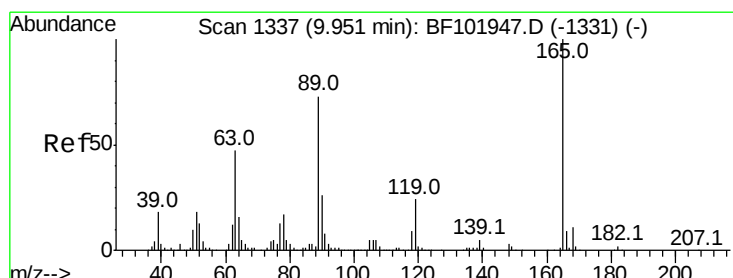
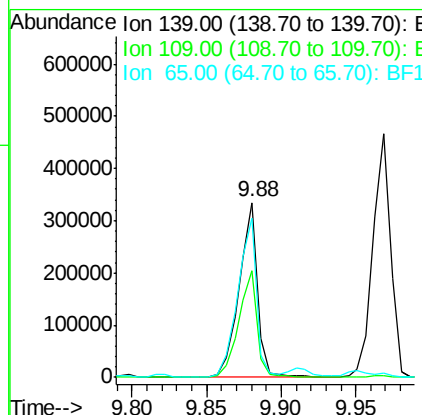
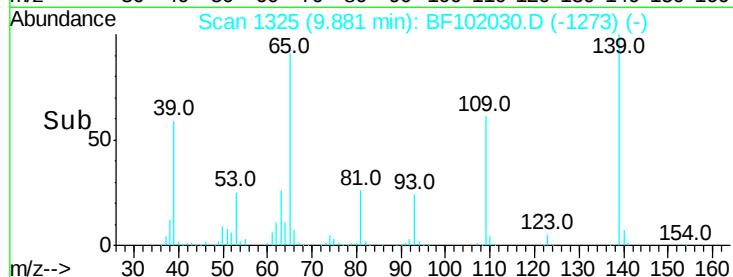
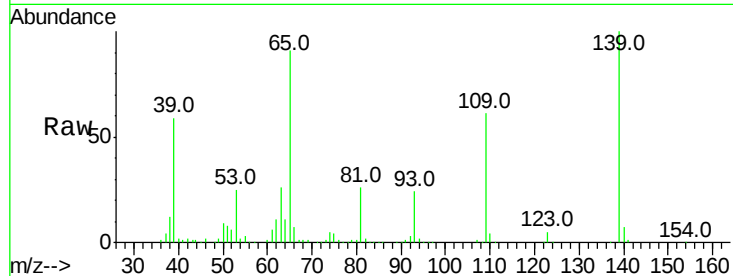
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	139	Resp:	290668
Ion Ratio	Lower	Upper	
139	100		
109	61.2	48.4	88.4
65	91.2	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 37.480 ng

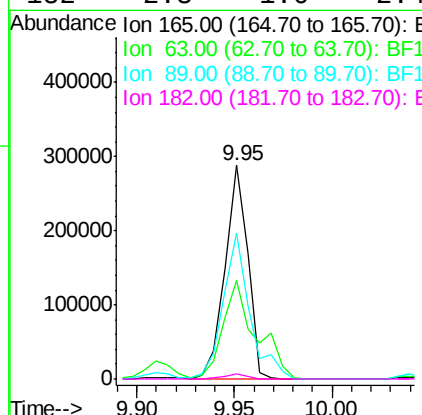
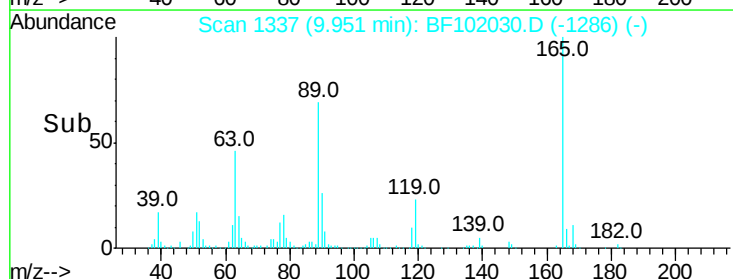
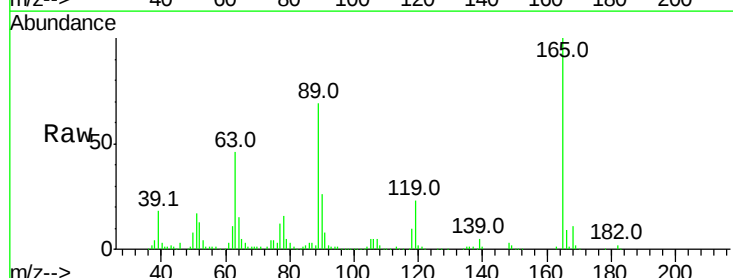
RT: 9.95 min Scan# 1337

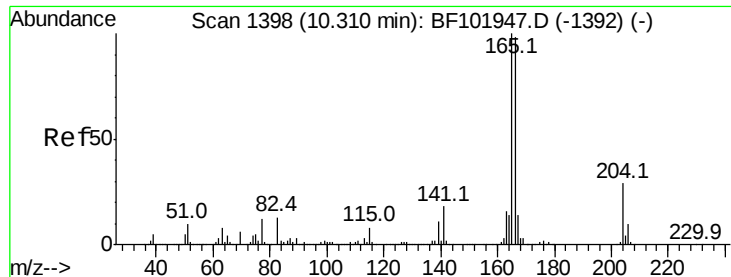
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	165	Resp:	233809
Ion Ratio	Lower	Upper	
165	100		
63	45.9	36.4	54.6
89	68.5	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 35.332 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:166 Resp: 687396

Ion Ratio Lower Upper

166 100

165 98.5 79.8 119.8

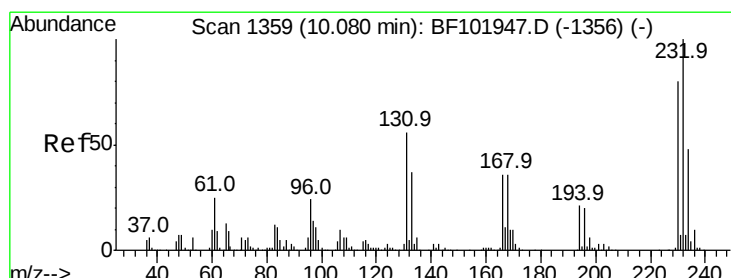
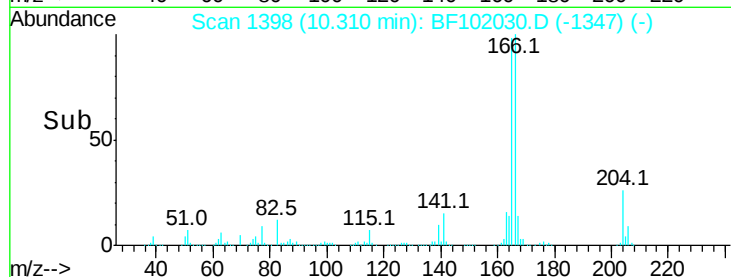
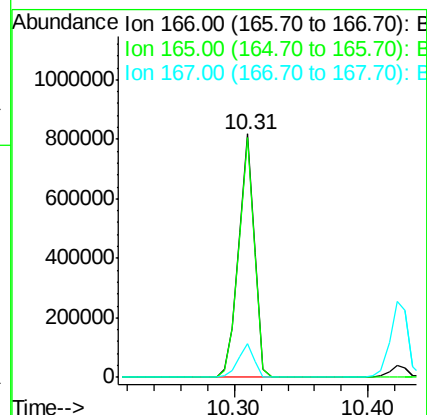
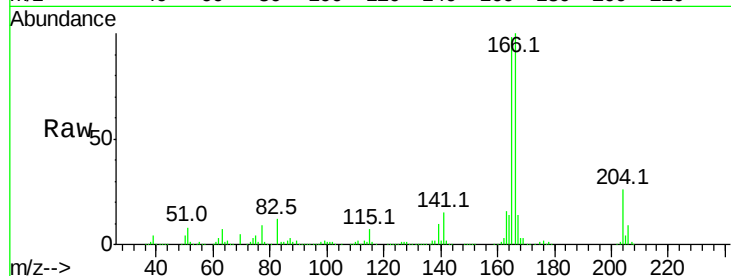
167 13.8 10.6 16.0

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Sohil

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.907 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:232 Resp: 174951

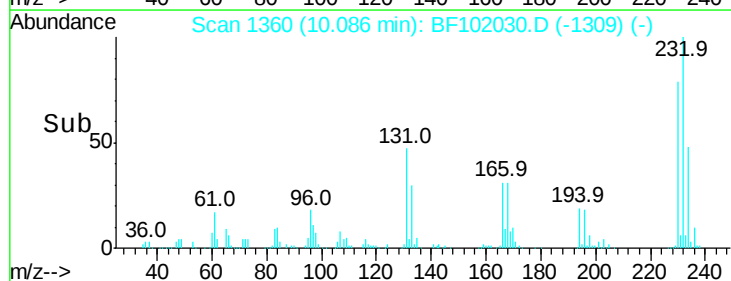
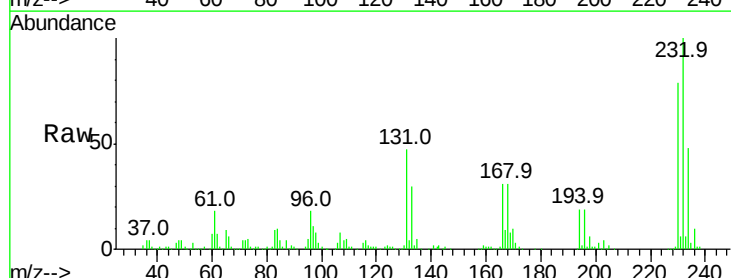
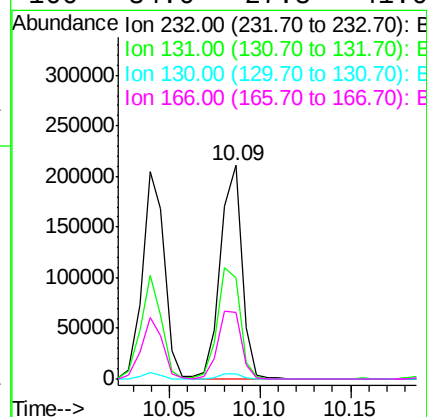
Ion Ratio Lower Upper

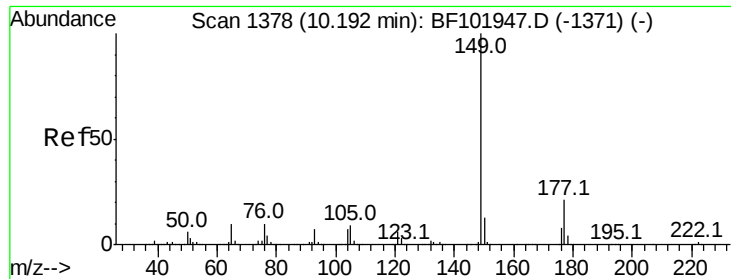
232 100

131 53.5 43.8 65.8

130 2.5 2.1 3.1

166 34.6 27.8 41.6





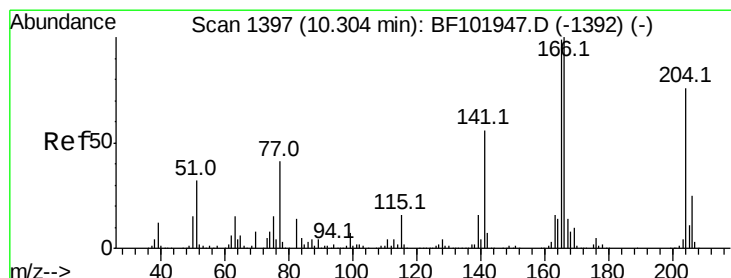
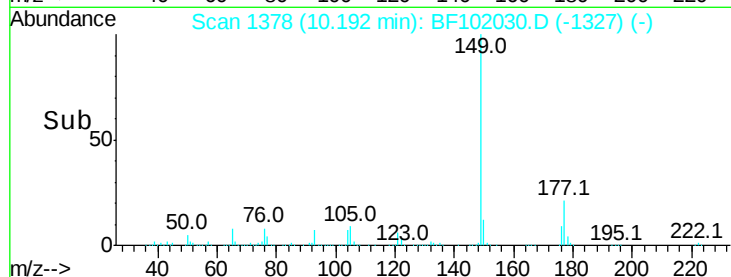
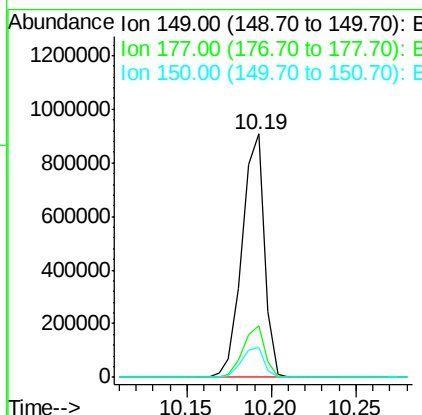
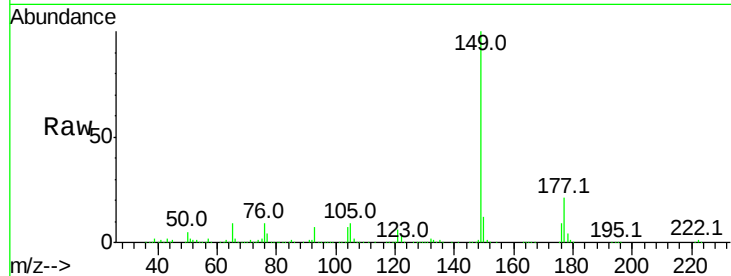
#59
Diethylphthalate
Concen: 33.905 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	12.1	10.1	15.1

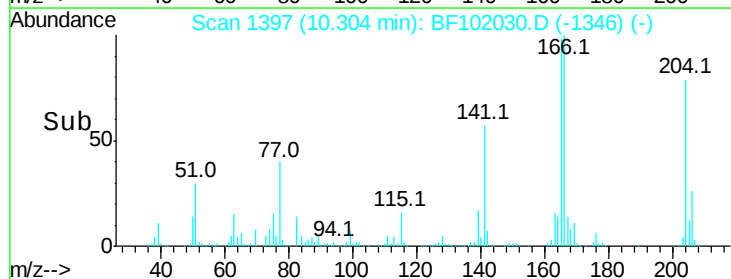
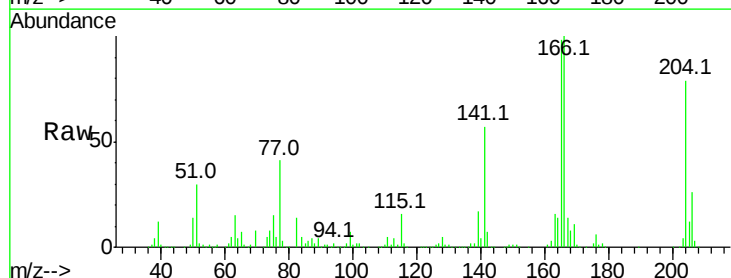
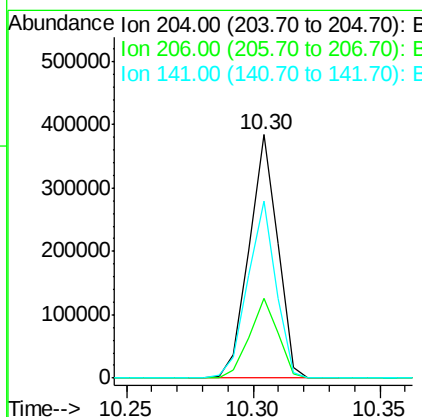
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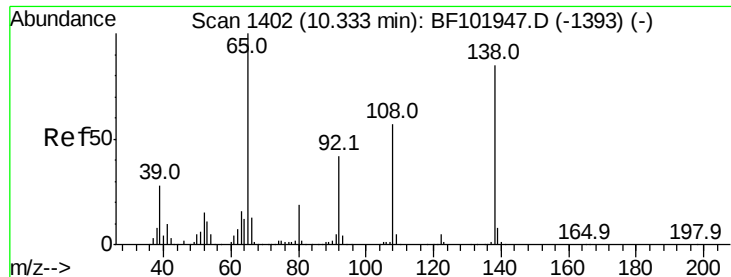
Sohil
1/12/2018 10:37:30 AM



#60
4-Chlorophenyl-phenylether
Concen: 36.448 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	72.5	54.6	81.8





#61

4-Nitroaniline

Concen: 25.934 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

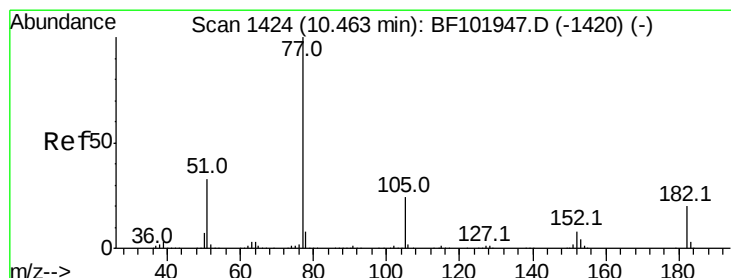
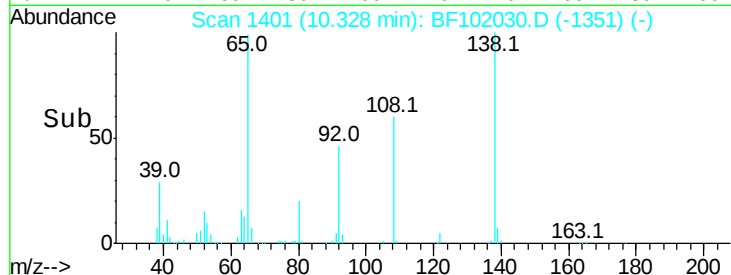
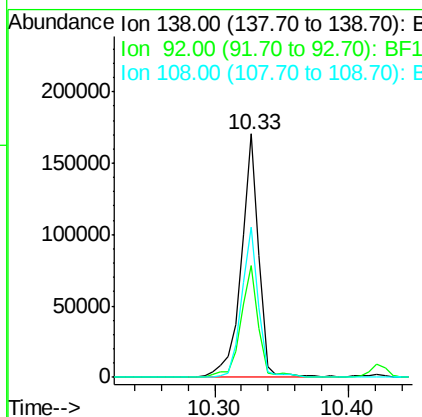
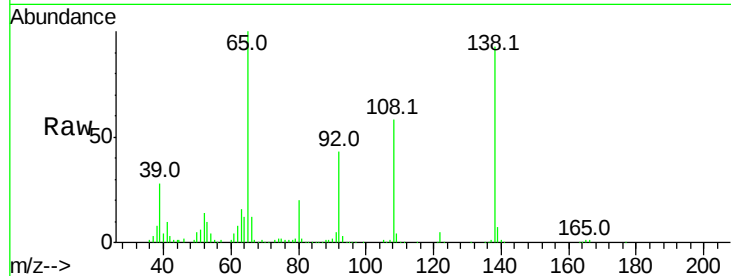
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	138	Resp:	154602
Ion Ratio	Lower	Upper	
138	100		
92	46.1	30.2	70.2
108	61.9	52.5	92.5

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#62

Azobenzene

Concen: 37.031 ng

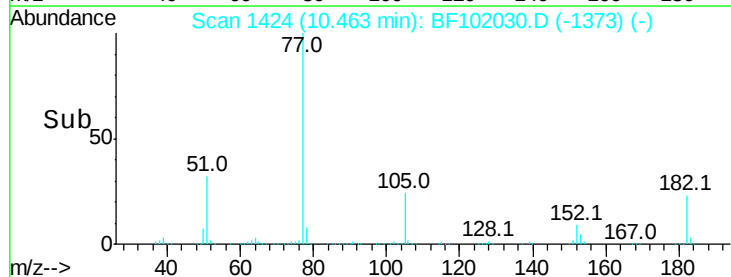
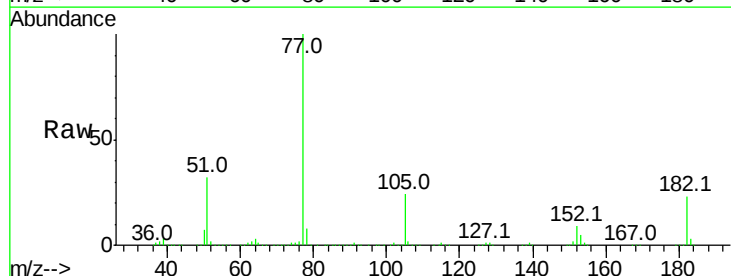
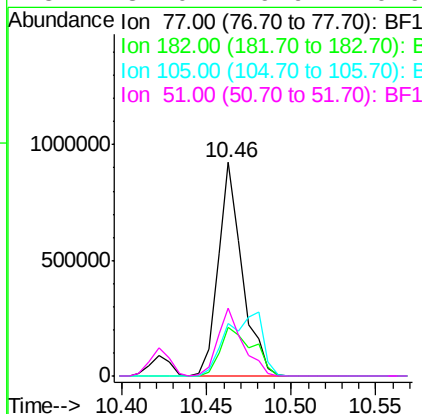
RT: 10.46 min Scan# 1424

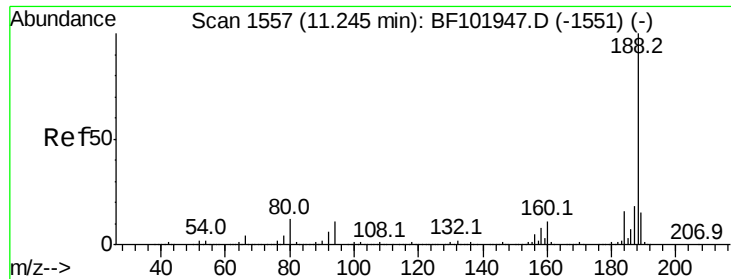
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	77	Resp:	913169
Ion Ratio	Lower	Upper	
77	100		
182	22.6	1.7	41.7
105	24.4	3.0	43.0
51	32.0	9.9	49.9





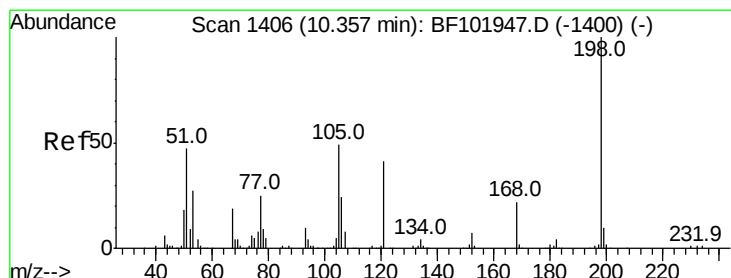
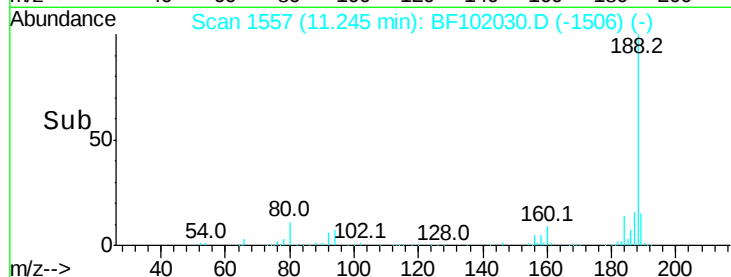
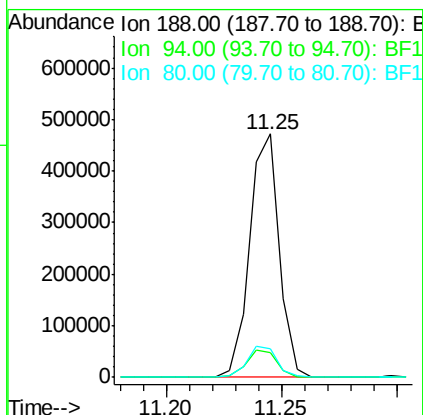
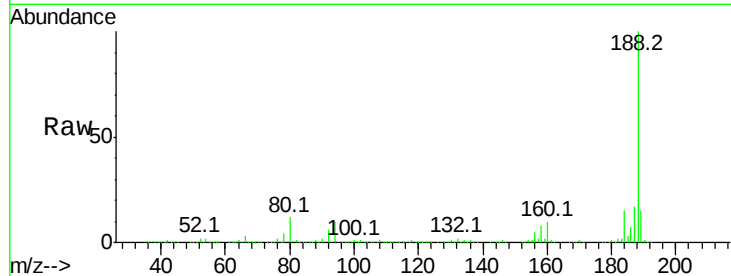
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.0	8.5	12.7	
80	11.6	9.2	13.8	

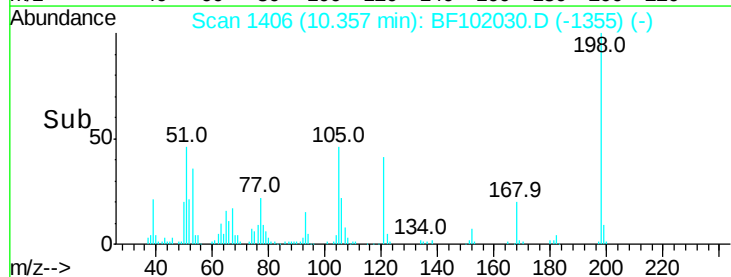
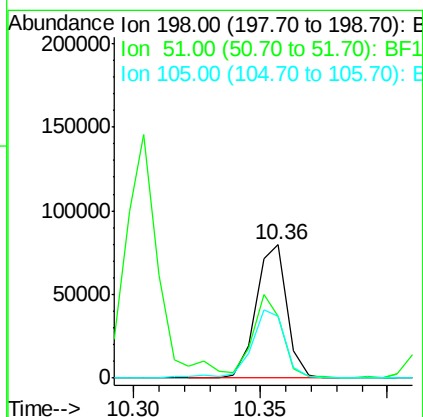
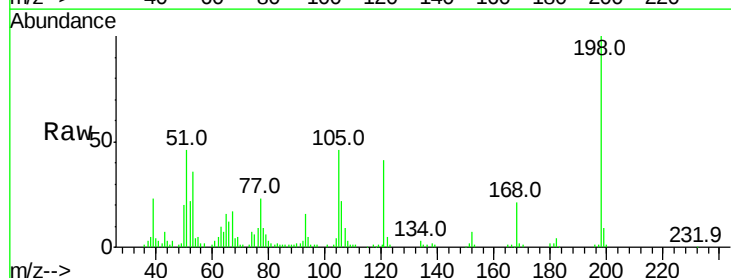
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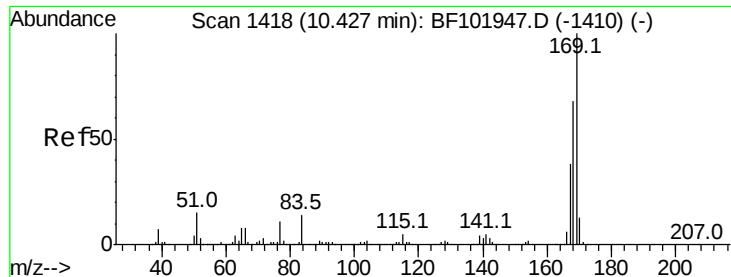
Sohil
 1/12/2018 10:37:30 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.523 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.2	37.7	77.7	
105	46.1	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 40.155 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:169 Resp: 636669

Ion Ratio Lower Upper

169 100

168 69.3 54.4 81.6

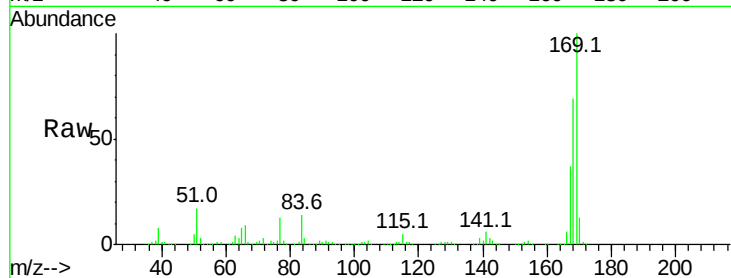
167 36.8 29.8 44.6

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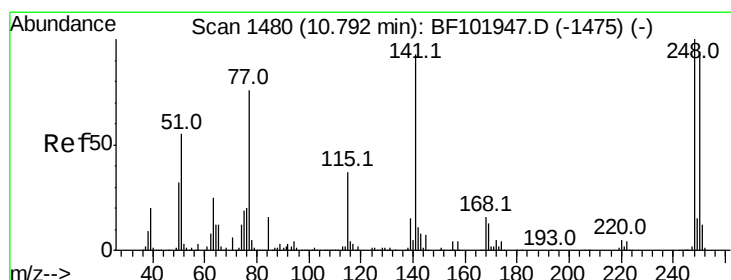
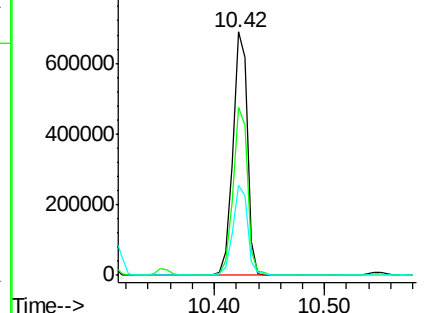
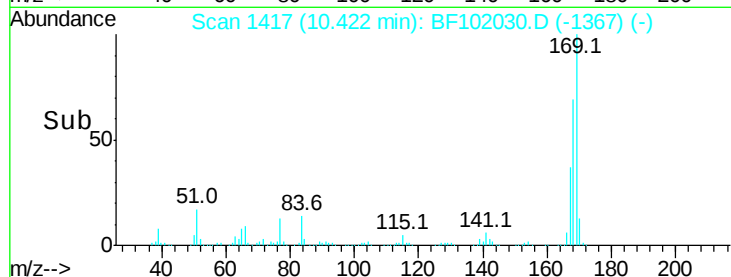
1/12/2018 10:37:30 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.933 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

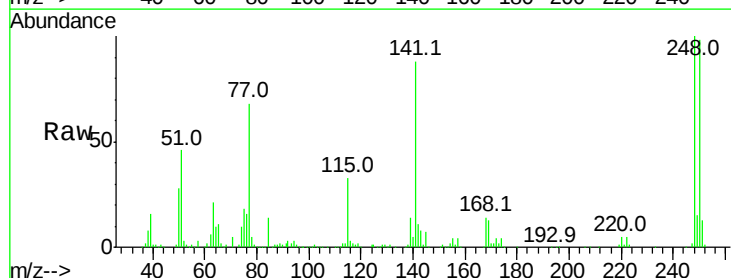
Tgt Ion:248 Resp: 187502

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

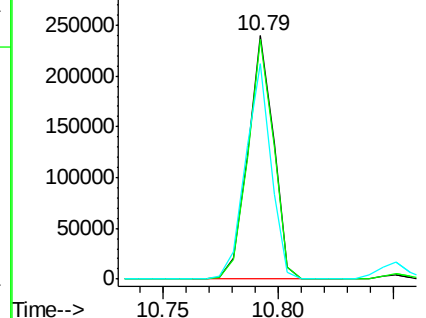
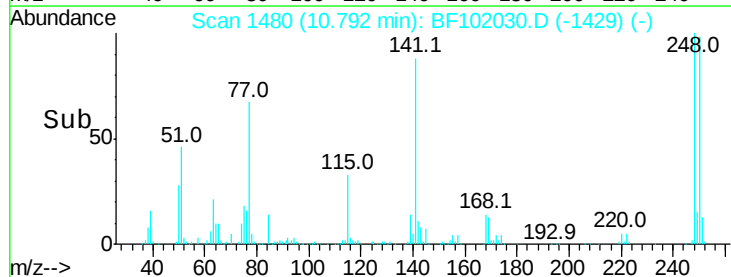
141 88.4 74.4 111.6

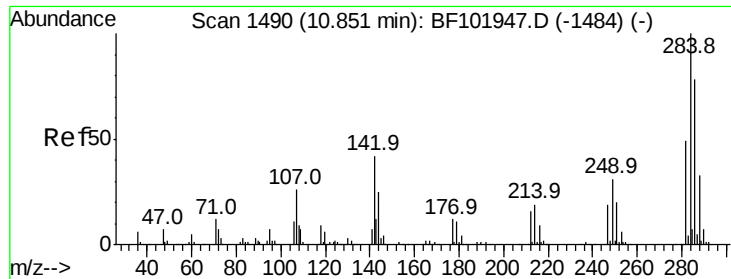


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.089 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

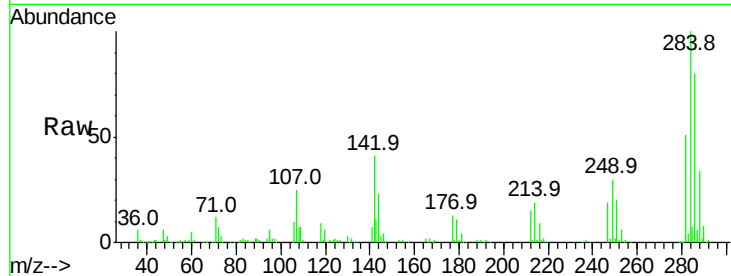
ClientSampleId :

SB-27-COMPMSD

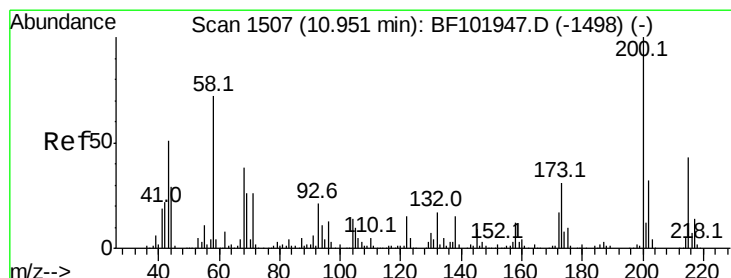
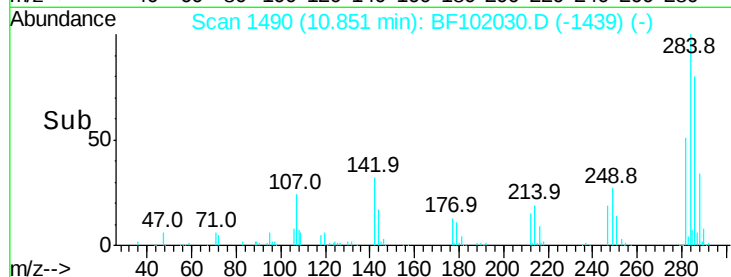
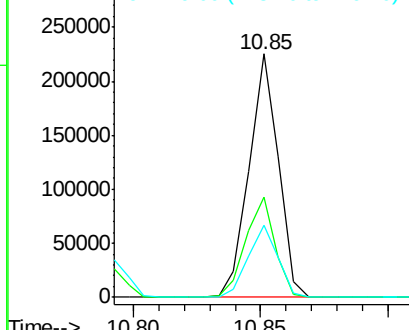
Tot Ion:	284	Resp:	181049
Ion Ratio	Lower	Upper	
284	100		
142	41.0	34.6	52.0
249	29.8	24.8	37.2

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



#68

Atrazine

Concen: 41.330 ng

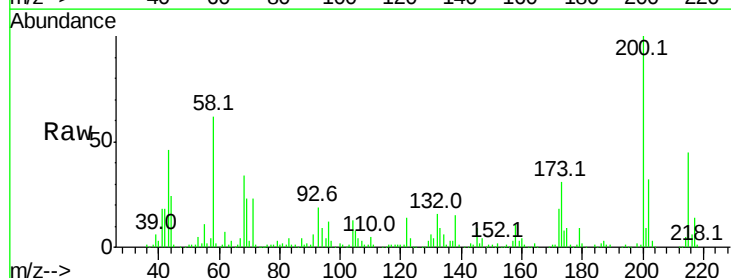
RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

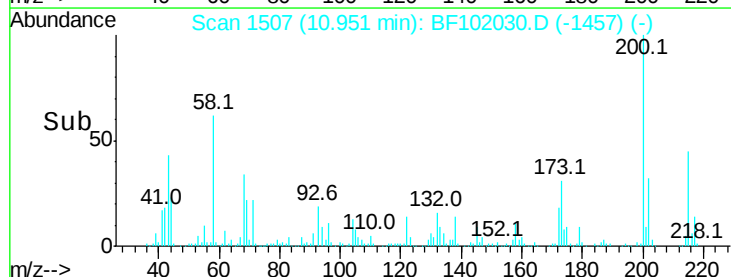
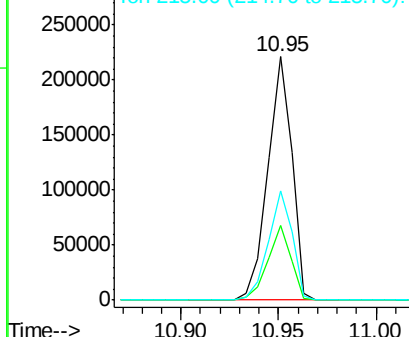
Lab File: BF102030.D

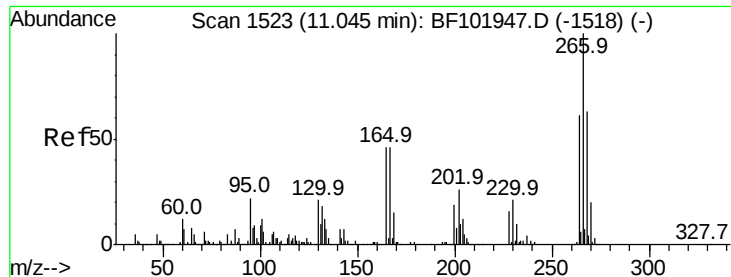
Acq: 11 Jan 2018 20:34

Tgt Ion:	200	Resp:	189378
Ion Ratio	Lower	Upper	
200	100		
173	30.8	8.6	48.6
215	44.7	25.1	65.1



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





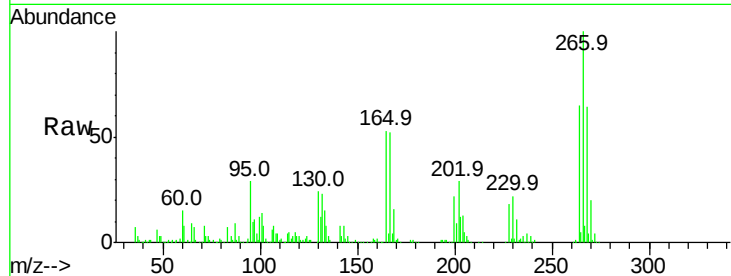
#69
 Pentachlorophenol
 Concen: 64.331 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	191493		
268	63.9	51.1	76.7	
264	65.2	49.5	74.3	

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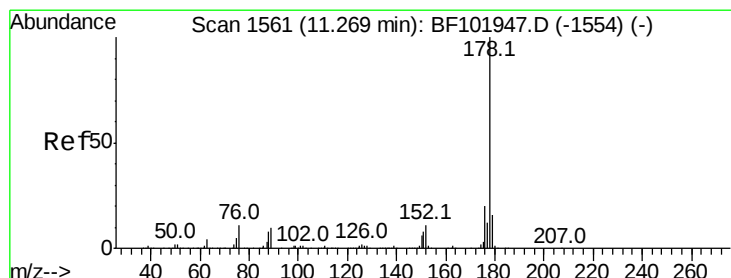
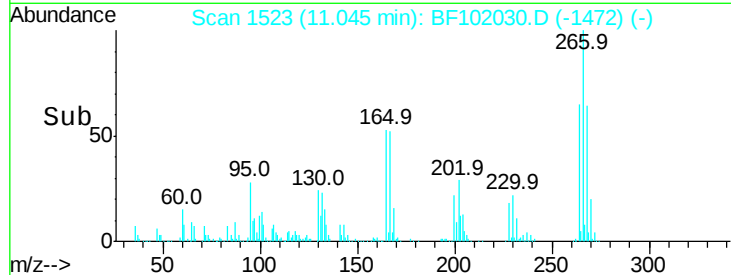
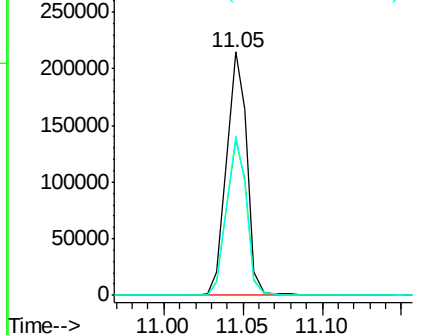


Abundance

Ion 265.70 (265.40 to 266.40): E

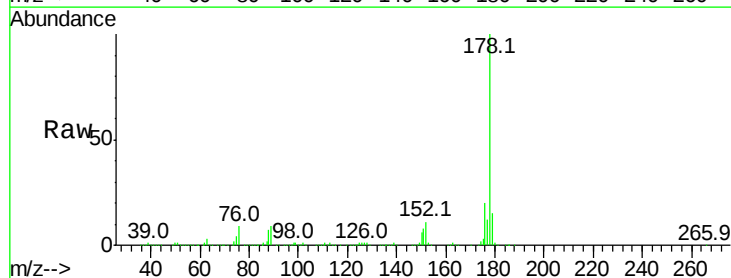
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 35.756 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	884358		
176	20.2	15.8	23.8	
179	15.3	13.0	19.6	

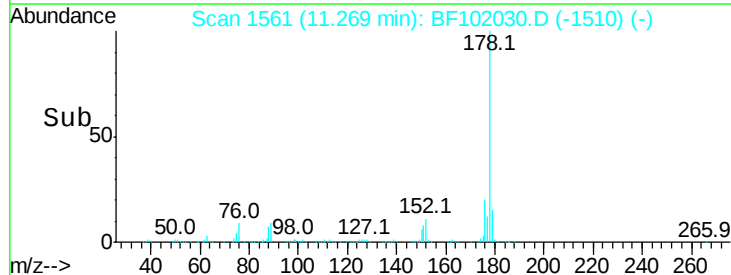
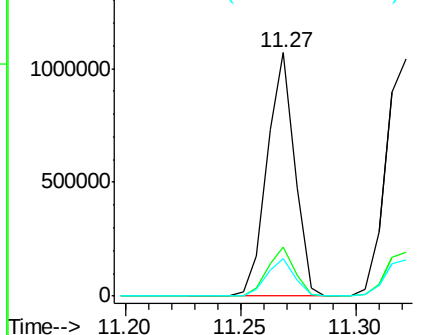


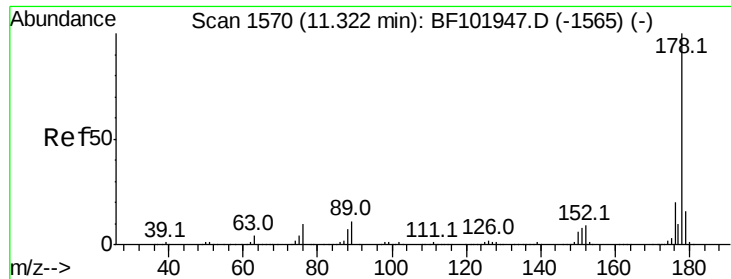
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





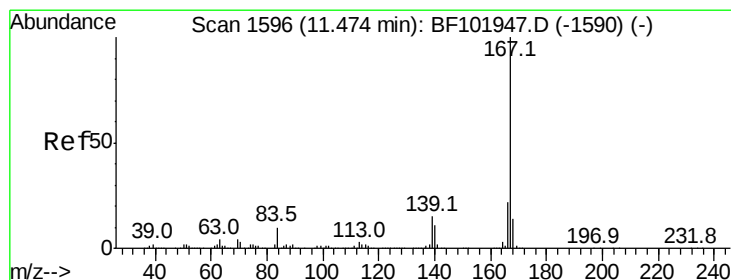
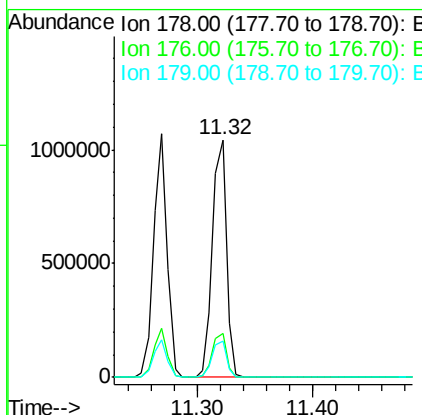
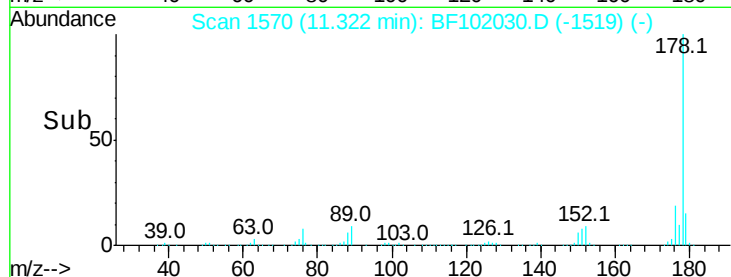
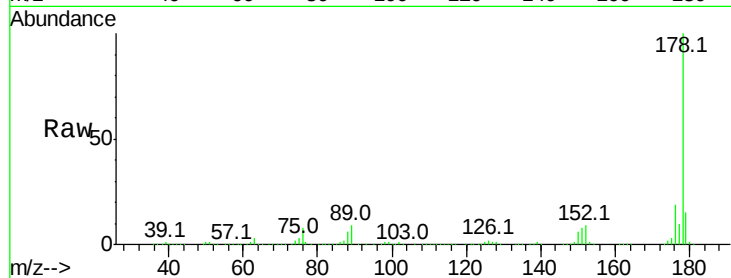
#71
 Anthracene
 Concen: 35.539 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	19.0

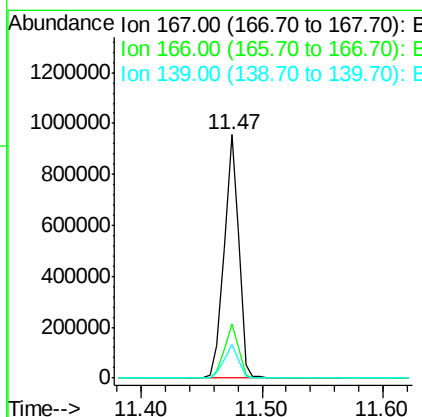
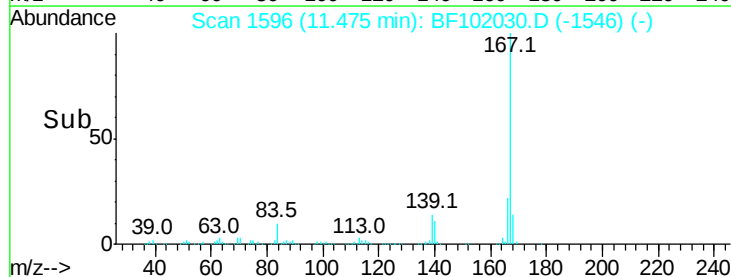
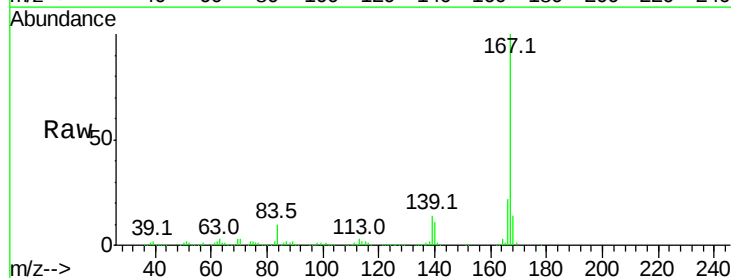
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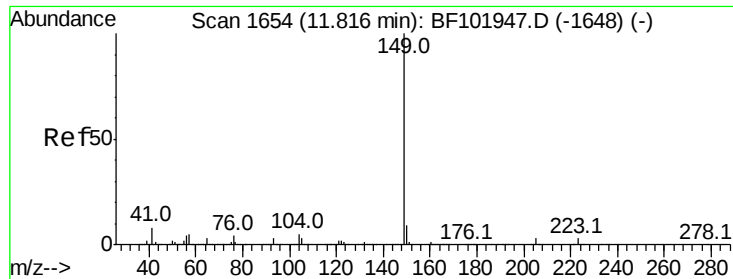
Sohil
 1/12/2018 10:37:30 AM



#72
 Carbazole
 Concen: 32.401 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 36.503 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

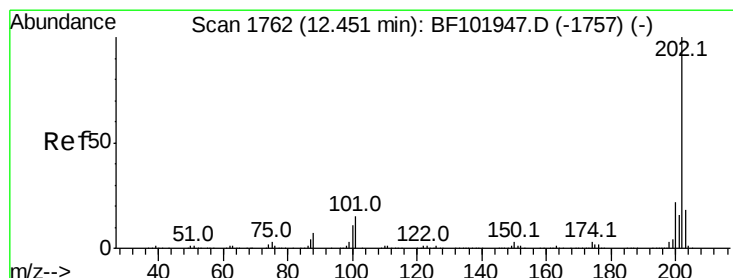
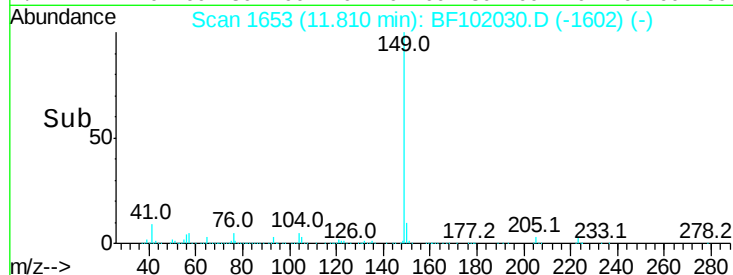
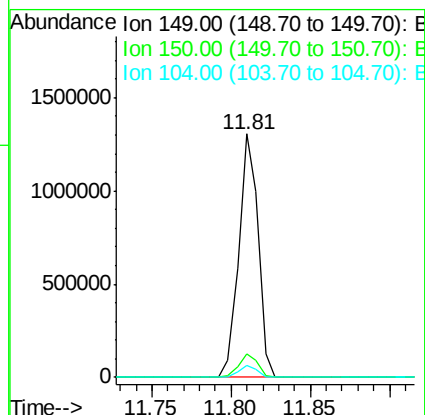
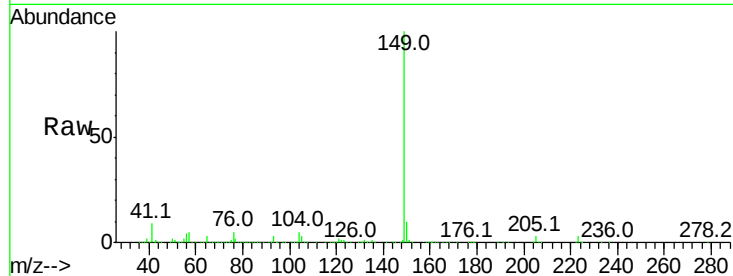
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	149	Resp:	1104162
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 31.769 ng

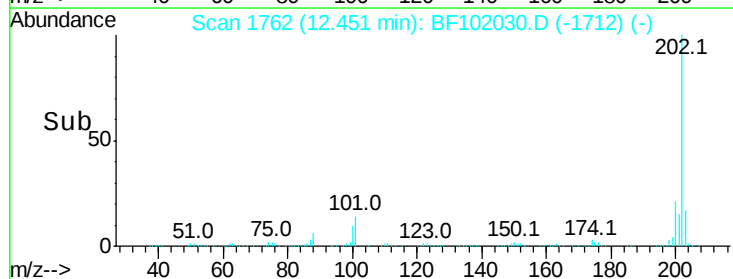
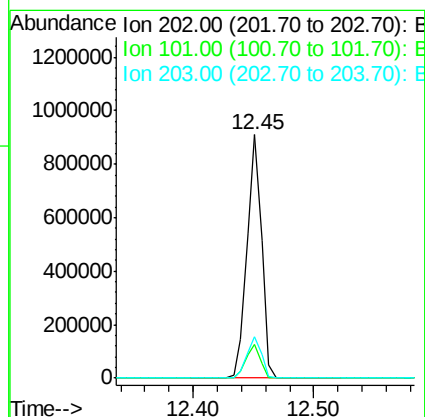
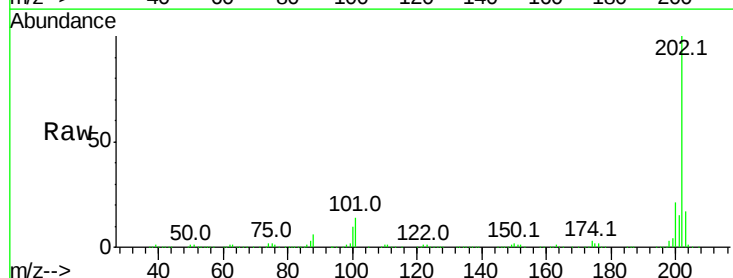
RT: 12.45 min Scan# 1762

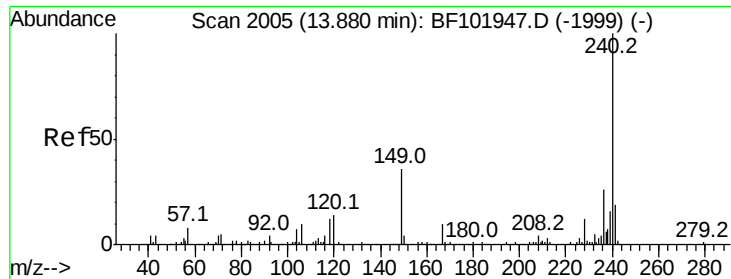
Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	202	Resp:	773075
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

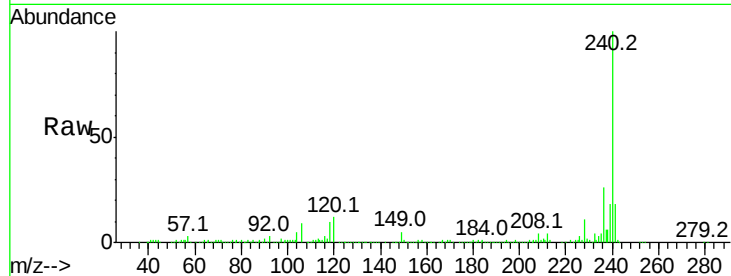
ClientSampleId :

SB-27-COMPMSD

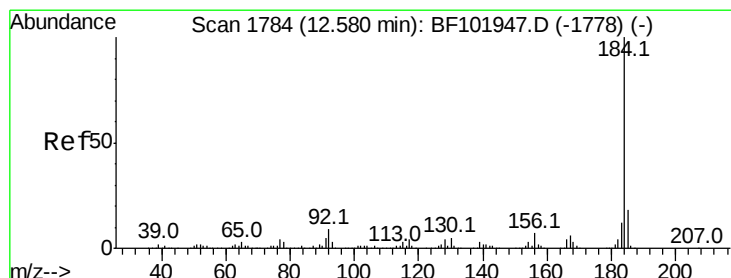
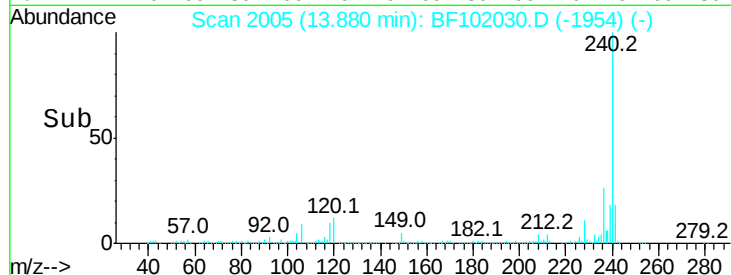
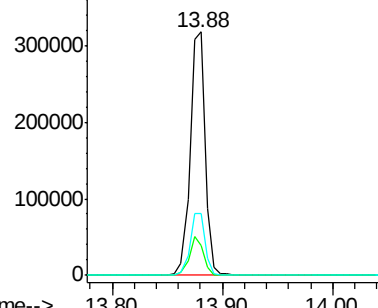
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.6	20.7	31.1

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



#76

Benzidine

Concen: 14.812 ng

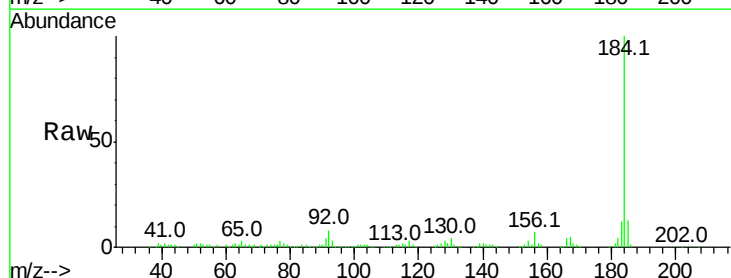
RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

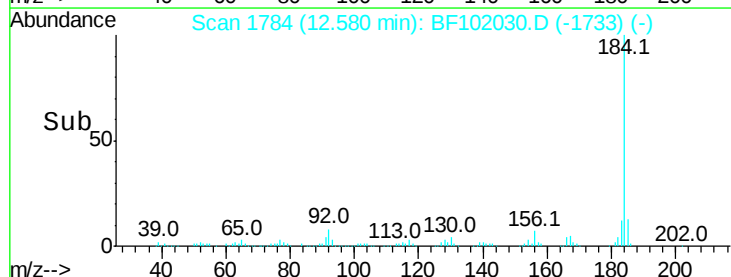
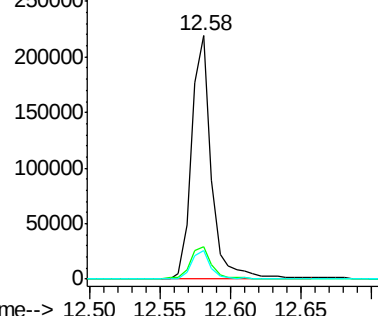
Lab File: BF102030.D

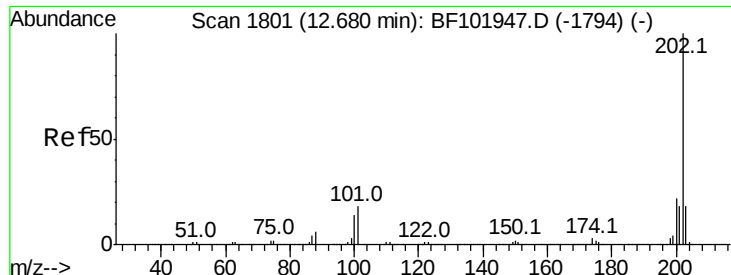
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.4	12.6	18.8
183	11.7	9.3	13.9



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





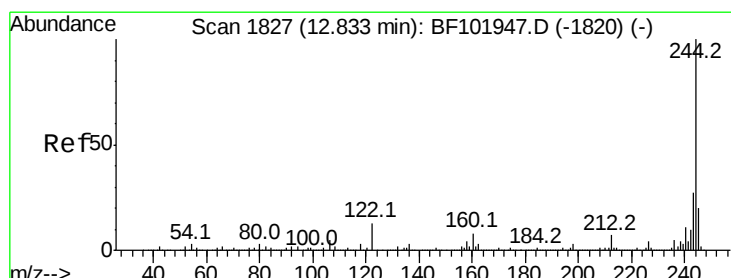
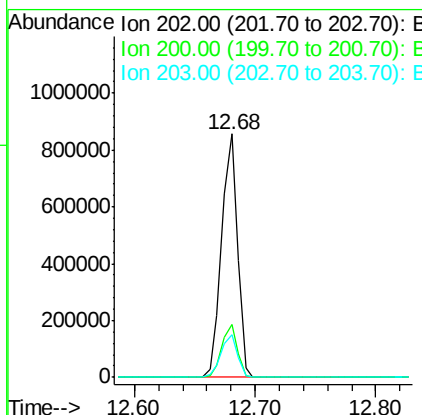
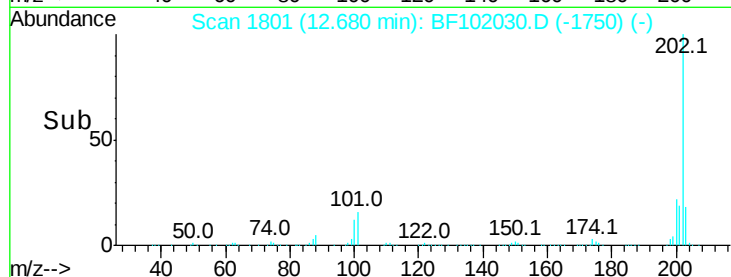
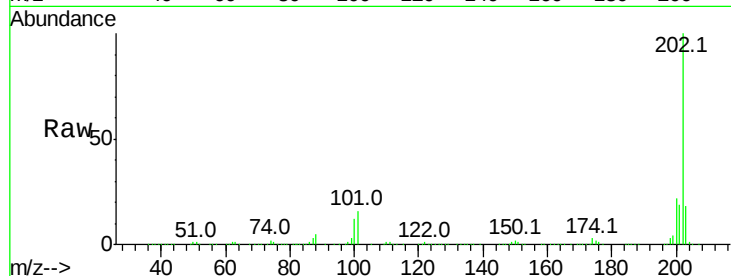
#77
Pvrene
Concen: 29.393 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	779514		
200	21.7		17.4	26.2
203	17.7		14.3	21.5

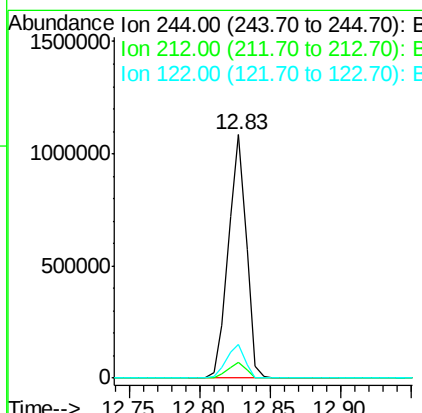
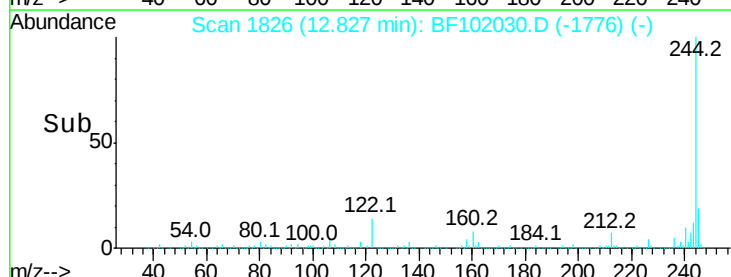
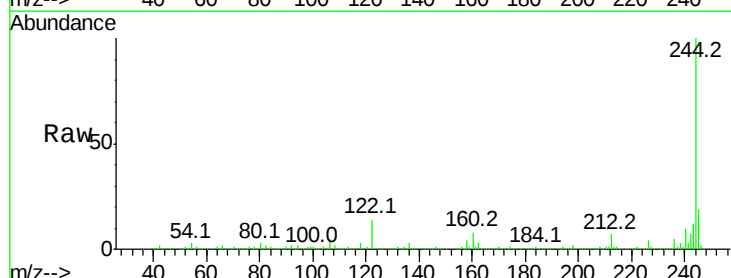
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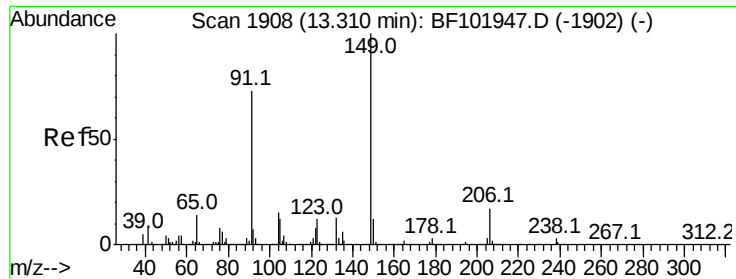
Sohil
1/12/2018 10:37:30 AM



#78
Terphenyl-d14
Concen: 66.272 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	957640		
212	6.7		5.4	8.0
122	13.9		11.0	16.4





#79

Butylbenzylphthalate

Concen: 31.368 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

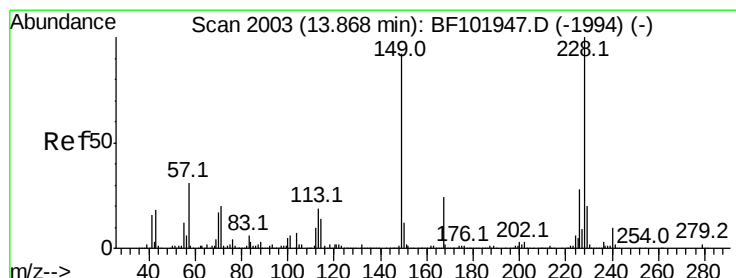
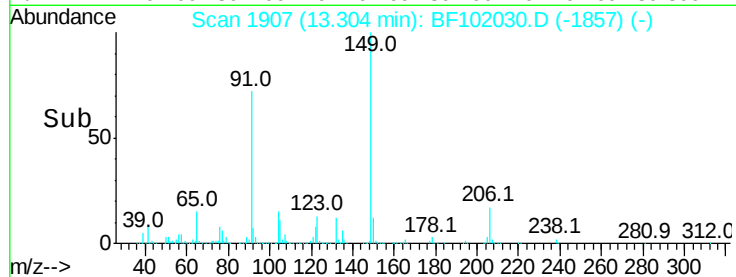
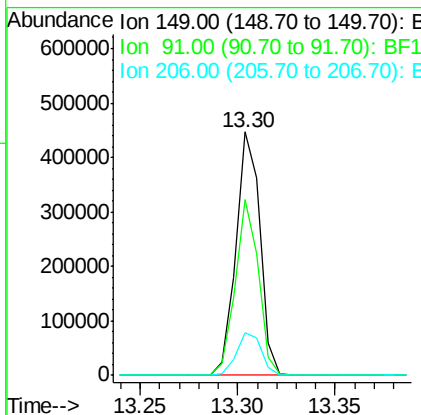
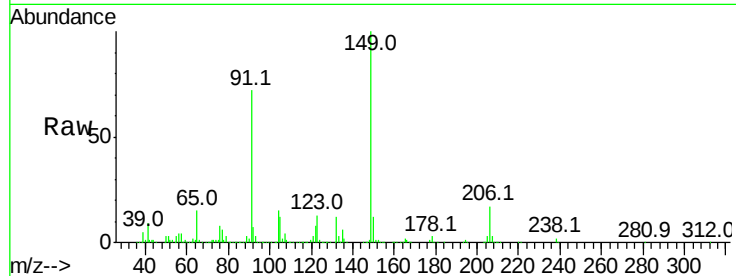
ClientSampleId :

SB-27-COMPMSD

Tot Ion:	149	Resp:	381777
Ion Ratio	Lower	Upper	
149	100		
91	72.1	56.8	85.2
206	17.3	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 34.627 ng

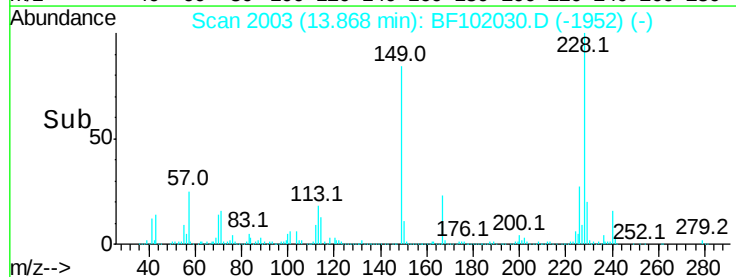
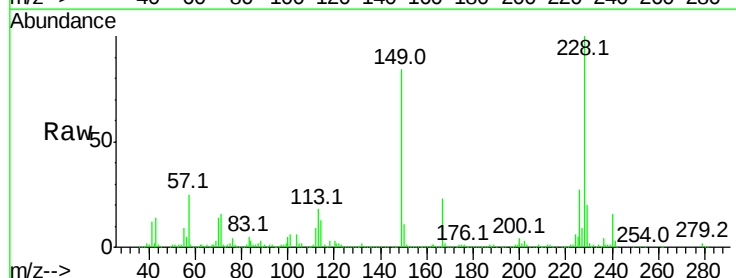
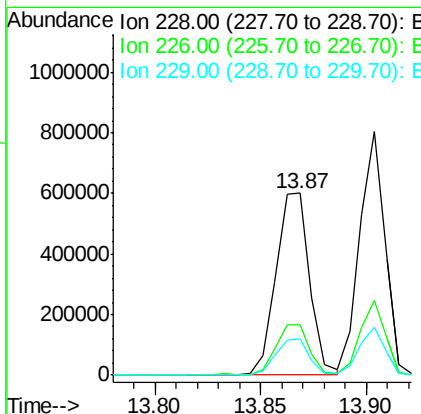
RT: 13.87 min Scan# 2003

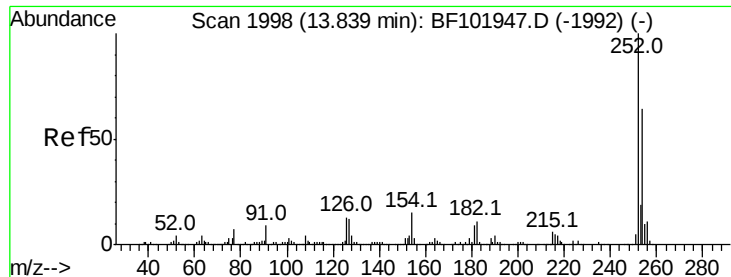
Delta R.T. 0.00 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Tgt Ion:	228	Resp:	662844
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6





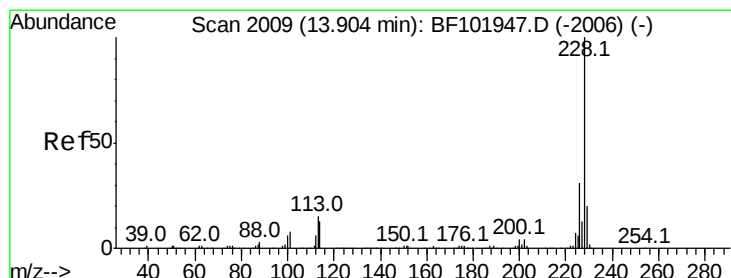
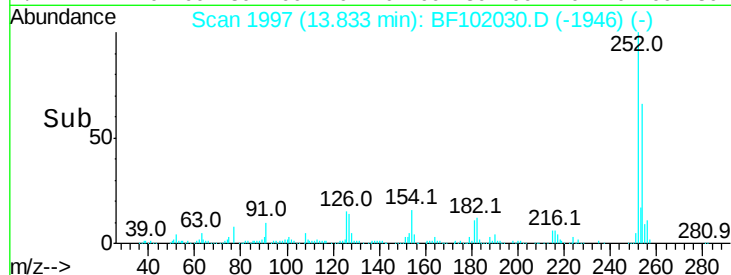
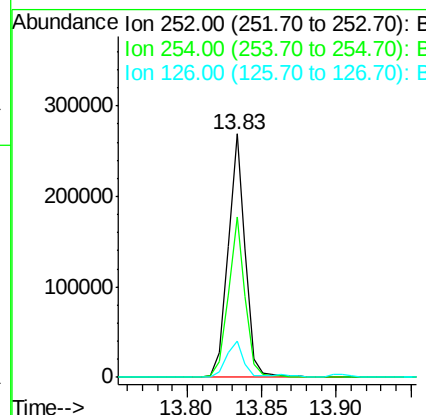
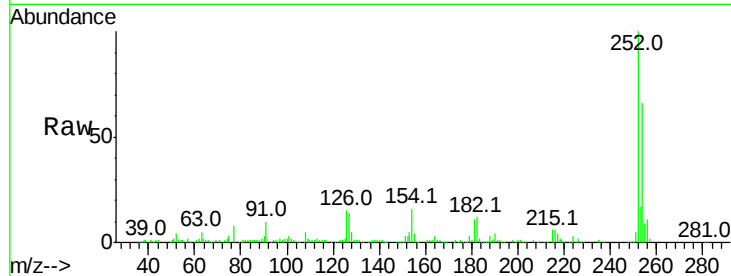
#81
3,3'-Dichlorobenzidine
Concen: 31.111 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.4	75.6
126	14.9	11.3	16.9

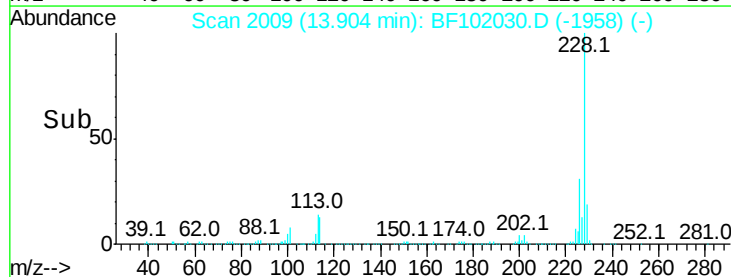
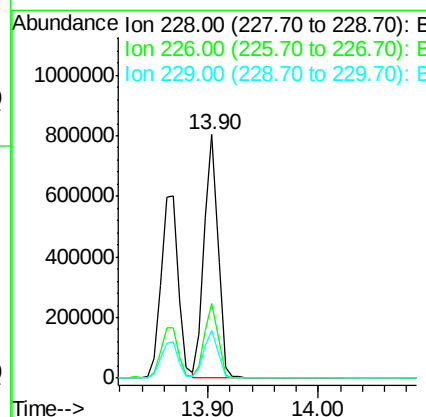
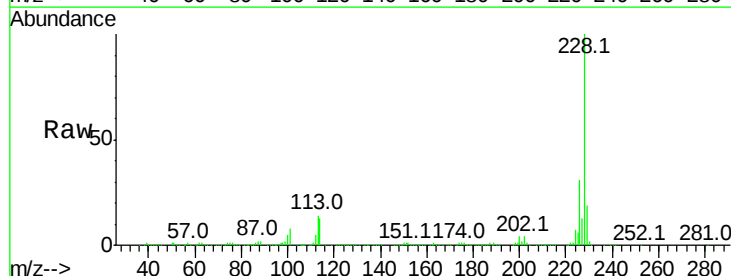
Manual Integrations
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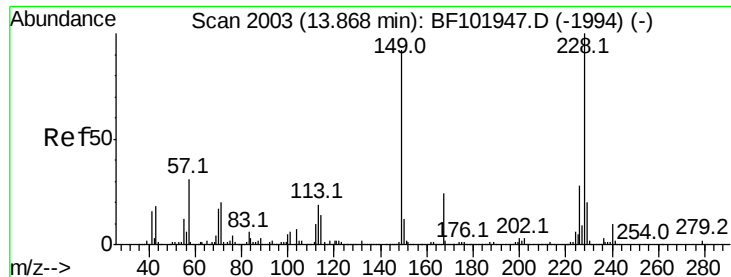
Sohil
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#82
Chrysene
Concen: 33.914 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	16.2	24.4





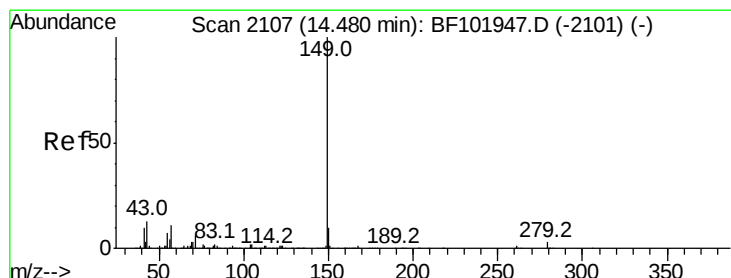
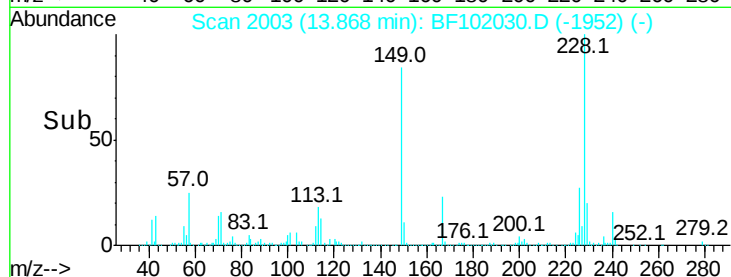
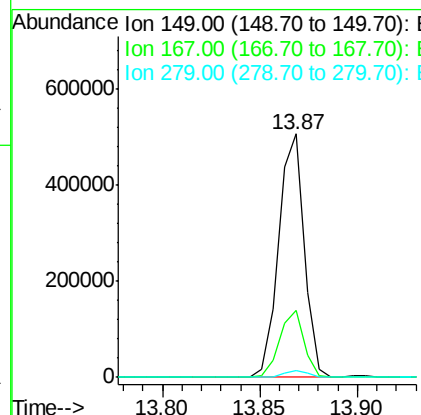
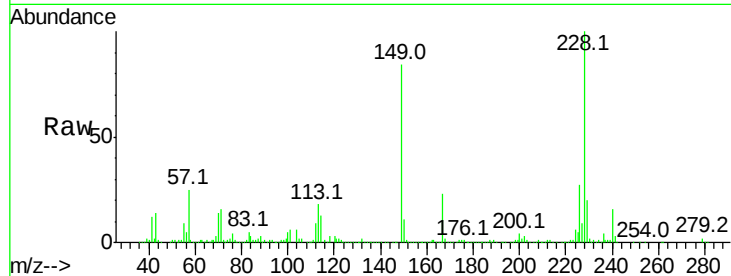
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.961 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-27-COMPMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	27.5	21.3	31.9
279	2.9	3.0	4.4#

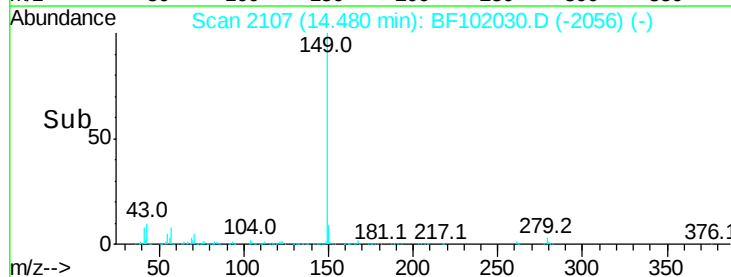
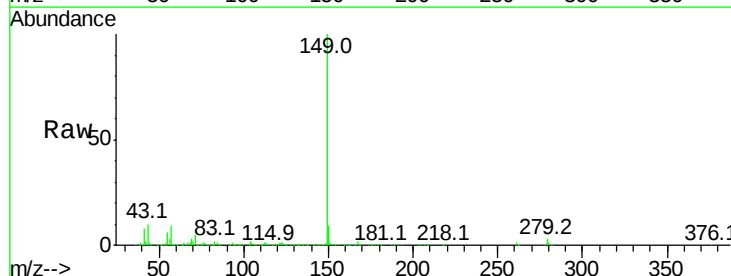
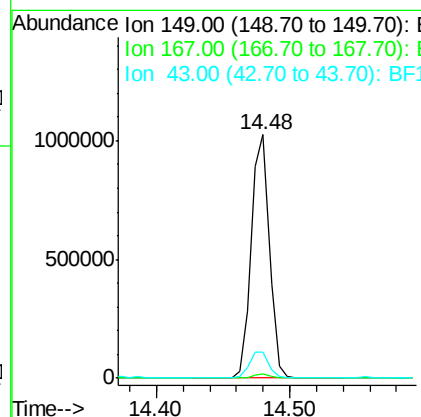
Manual Integrations
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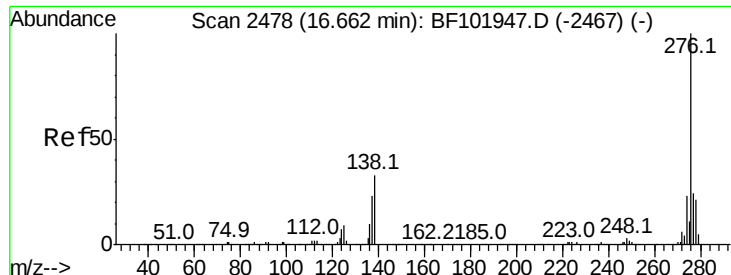
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 40.910 ng
 RT: 14.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BF102030.D
 Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.2	1.8
43	11.1	8.4	12.6





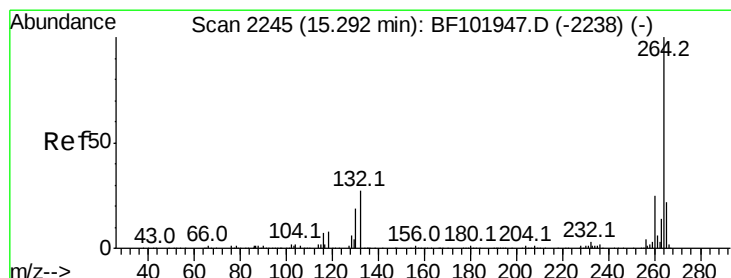
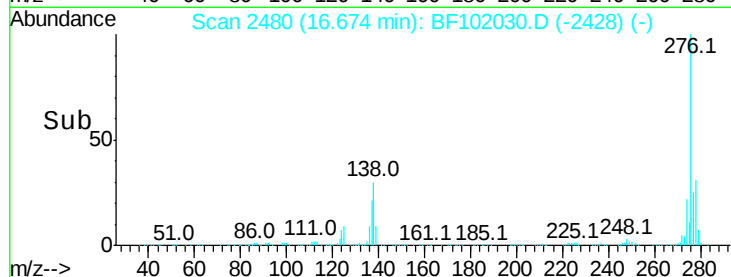
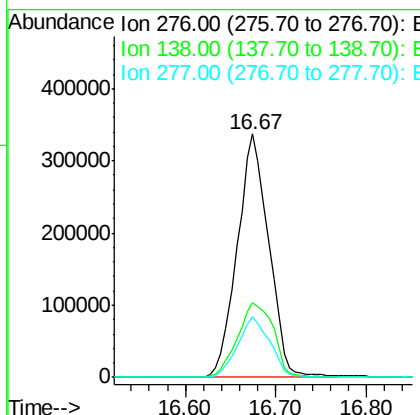
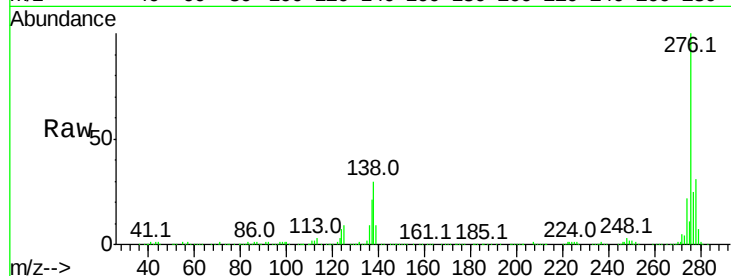
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.227 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.3	20.1	30.1

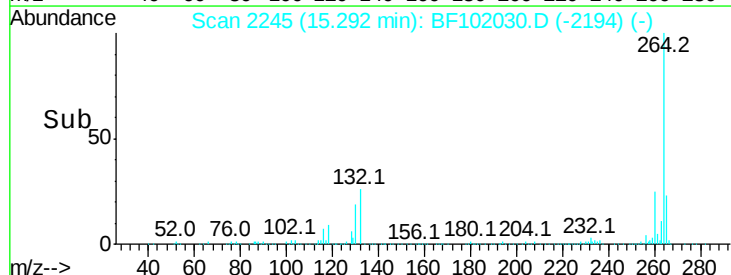
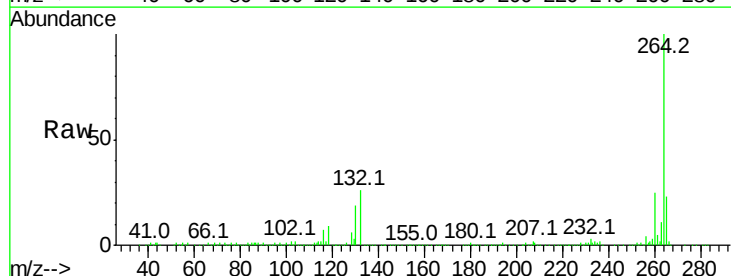
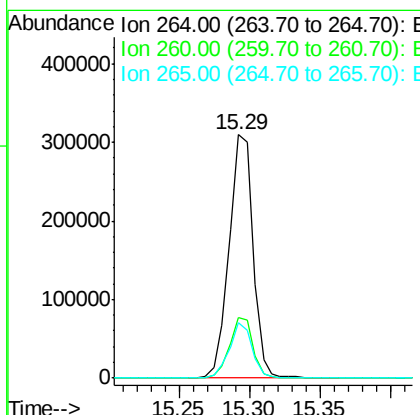
Manual Integrations
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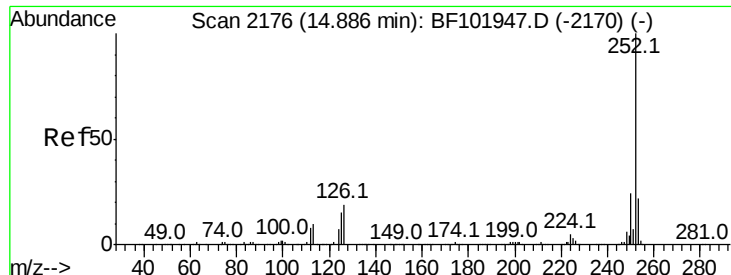
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.00 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.8	17.5	26.3





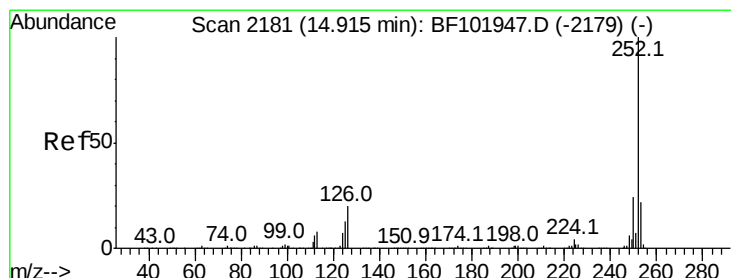
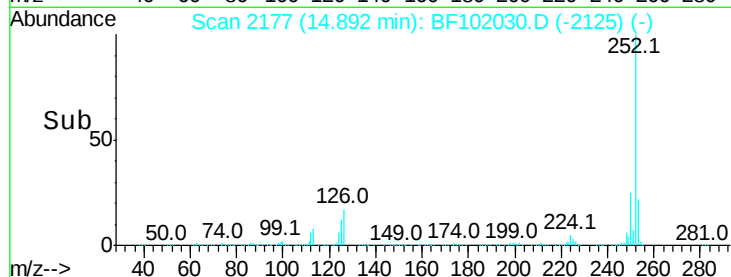
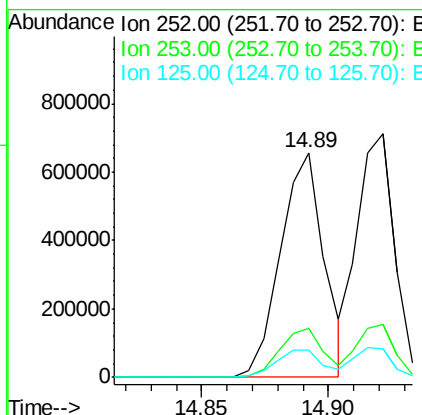
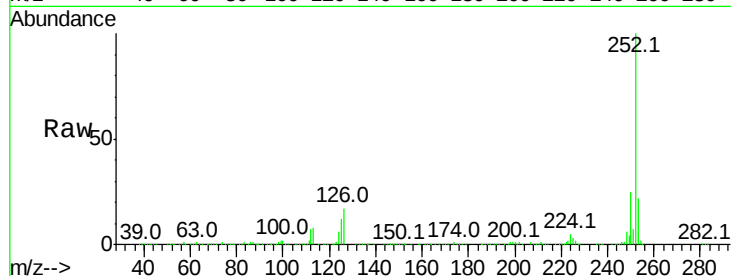
#87
Benzo(b)fluoranthene
Concen: 32.744 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.1	9.0	13.6

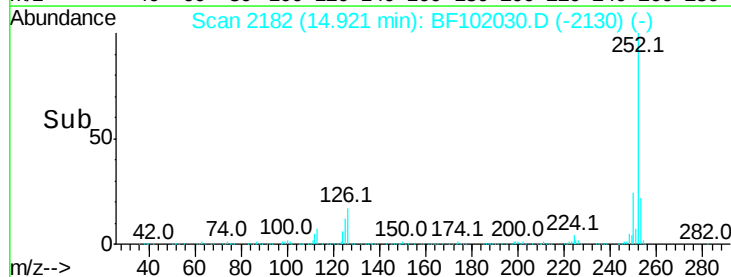
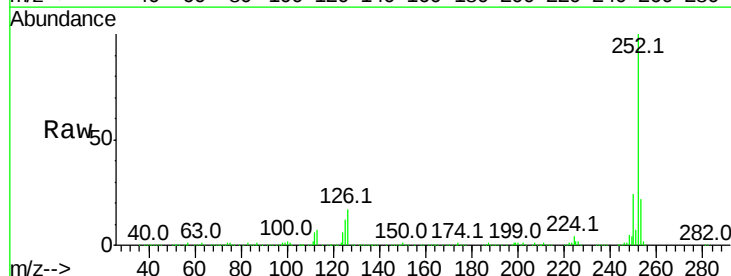
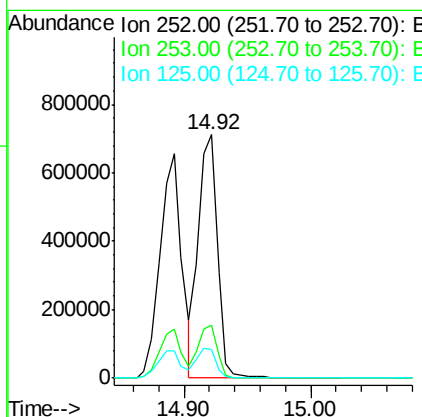
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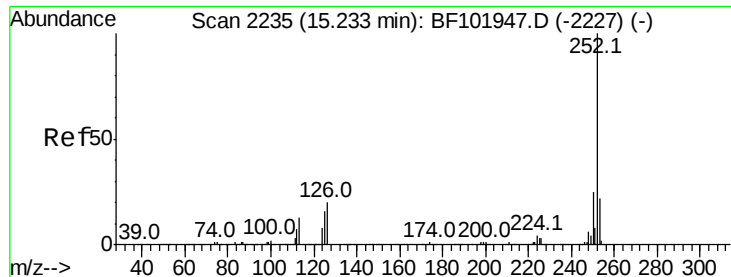
Sohil
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#88
Benzo(k)fluoranthene
Concen: 31.928 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.9	10.2	15.2





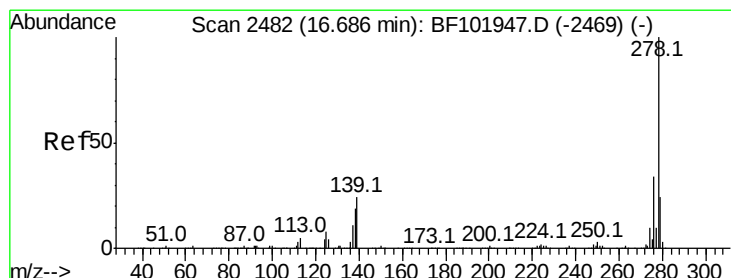
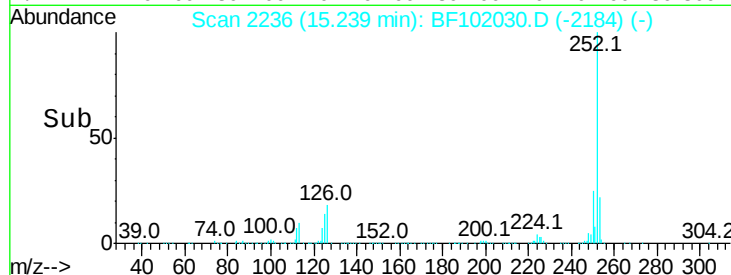
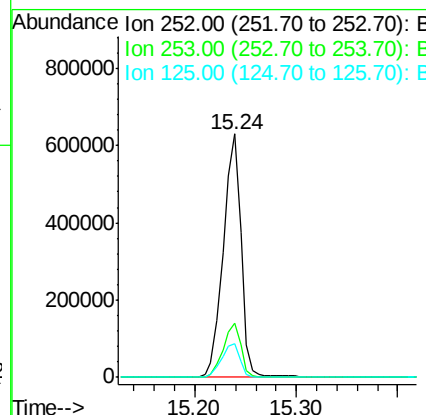
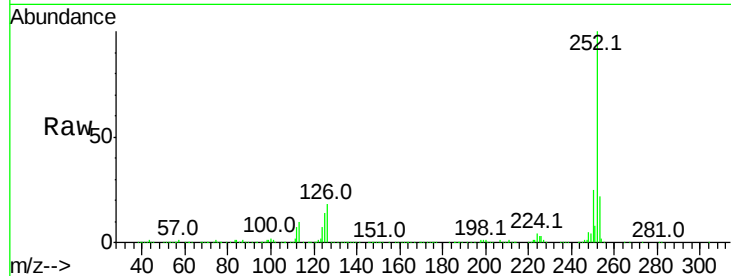
#89
Benzo(a)pyrene
Concen: 35.822 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Instrument :
BNA_F
ClientSampleId :
SB-27-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.1	9.8	14.6

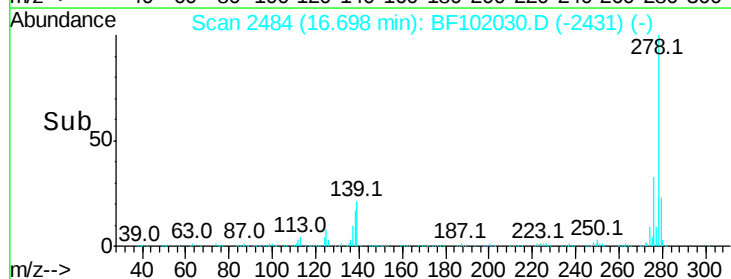
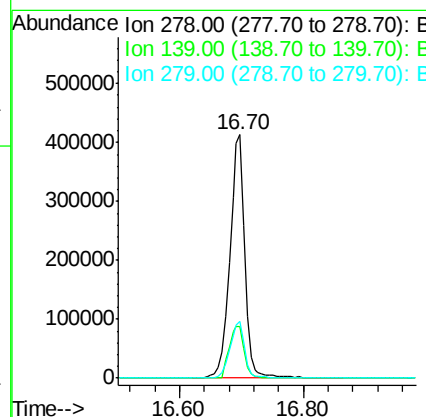
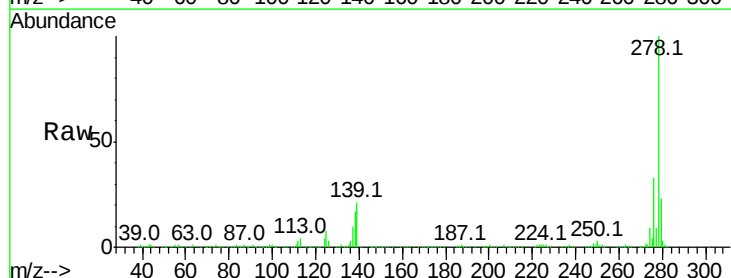
Manual Integrations
APPROVED

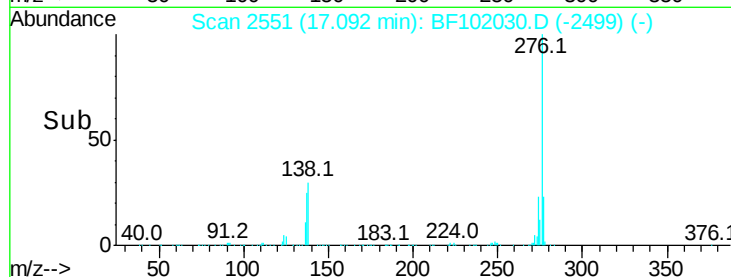
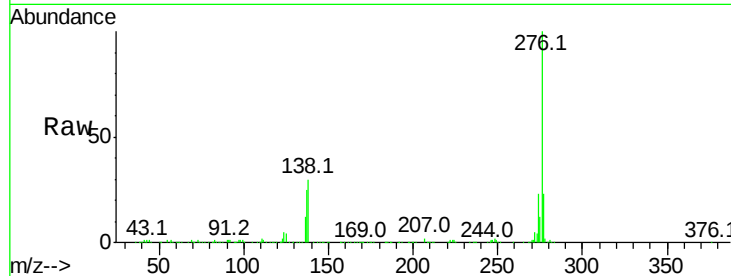
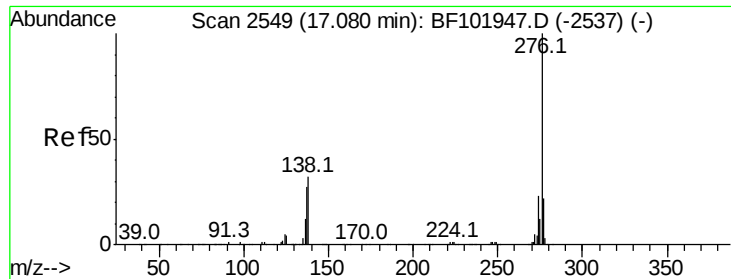
Sohil
1/12/2018 10:37:30 AM



#90
Dibenzo(a,h)anthracene
Concen: 40.421 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BF102030.D
Acq: 11 Jan 2018 20:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	23.3	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 37.959 ng

RT: 17.09 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BF102030.D

Acq: 11 Jan 2018 20:34

Instrument :

BNA_F

ClientSampleId :

SB-27-COMPMSD

Tot Ion:276 Resp: 657588

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 30.1 21.8 32.8

Manual Integrations

APPROVED

Sohil

1/12/2018 10:37:30 AM

