

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110488.D
 Acq On : 6 Nov 2018 2:40
 Operator : JU/SJ
 Sample : PB114474BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:01:23 AM

Quant Time: Nov 06 05:20:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	92845	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	360312	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	158403	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	242377	20.00	ng	0.00
76) Chrysene-d12	14.14	240	159097	20.00	ng	0.00
87) Perylene-d12	15.66	264	120386	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	516696	90.63	ng	0.01
7) Phenol-d6	6.59	99	661794	90.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	603784	99.39	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	132268	84.30	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1096764	108.72	ng	0.00
79) Terphenyl-d14	13.07	244	770705	100.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	84378	28.247	ng	90
3) Pyridine	3.65	79	240211	36.104	ng	# 82
4) n-Nitrosodimethylamine	3.62	42	125310	44.955	ng	91
6) Aniline	6.62	93	172117	18.118	ng	# 53
8) 2-Chlorophenol	6.75	128	291234	44.306	ng	98
9) Benzaldehyde	6.51	77	179303	43.387	ng	98
10) Phenol	6.60	94	348591	44.719	ng	# 65
11) bis(2-Chloroethyl)ether	6.69	93	261871	40.833	ng	93
12) 1,3-Dichlorobenzene	6.90	146	297267	41.094	ng	96
13) 1,4-Dichlorobenzene	6.97	146	302930	41.406	ng	98
14) 1,2-Dichlorobenzene	7.13	146	284812	41.936	ng	99
15) Benzyl Alcohol	7.10	79	246237	43.901	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	423847	41.335	ng	71
17) 2-Methylphenol	7.20	107	236662	45.176	ng	# 83
18) Hexachloroethane	7.46	117	109922	41.039	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	196889	42.084	ng	94
20) 3+4-Methylphenols	7.36	107	296317	43.759	ng	# 83
22) Acetophenone	7.36	105	392611	47.289	ng	# 92
24) Nitrobenzene	7.54	77	292417	46.625	ng	98
25) Isophorone	7.77	82	542924	52.431	ng	98
26) 2-Nitrophenol	7.86	139	147008	49.257	ng	92
27) 2,4-Dimethylphenol	7.89	122	262384	53.027	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	338395	48.105	ng	100
29) 2,4-Dichlorophenol	8.10	162	237893	47.588	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	254387	45.430	ng	97
31) Naphthalene	8.26	128	819096	49.324	ng	100
32) Benzoic acid	8.01	122	110390	28.865	ng	94
33) 4-Chloroaniline	8.31	127	57173	7.650	ng	97
34) Hexachlorobutadiene	8.37	225	141948	45.656	ng	99
35) Caprolactam	8.69	113	72778m	41.769	ng	
36) 4-Chloro-3-methylphenol	8.79	107	253317	46.860	ng	98
37) 2-Methylnaphthalene	8.95	142	559924	50.961	ng	98
38) 1-Methylnaphthalene	9.05	142	524949	49.441	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	236737	47.966	ng	99

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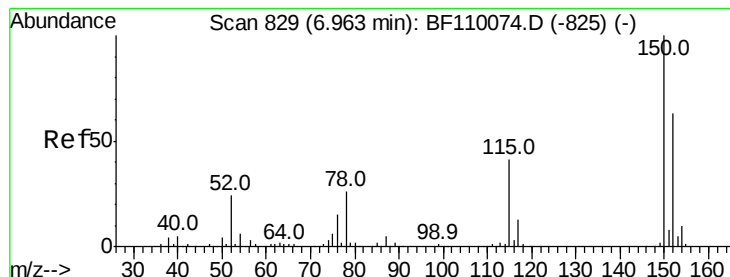
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	128074	50.749	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	152852	48.016	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	162068	48.164	nq	94
46) 1,1'-Biphenyl	9.42	154	674194	47.066	nq	99
47) 2-Chloronaphthalene	9.45	162	497411	47.339	nq	99
48) 2-Nitroaniline	9.55	65	155064	48.700	nq	94
49) Acenaphthylene	9.86	152	758303	49.966	nq	99
50) Dimethylphthalate	9.71	163	592186	50.645	nq	99
51) 2,6-Dinitrotoluene	9.79	165	125048	49.648	nq #	84
52) Acenaphthene	10.03	154	451327	44.954	nq	98
53) 3-Nitroaniline	9.95	138	58230	19.441	nq	98
54) 2,4-Dinitrophenol	10.07	184	32006	35.122	nq	91
55) Dibenzofuran	10.20	168	651199	46.327	nq	98
56) 4-Nitrophenol	10.12	139	227394	102.577	nq	97
57) 2,4-Dinitrotoluene	10.19	165	154690	48.353	nq	93
58) Fluorene	10.55	166	514538	49.184	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	120118	43.796	nq	95
60) Diethylphthalate	10.41	149	558465	48.927	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	248982	45.115	nq	96
62) 4-Nitroaniline	10.57	138	103421	34.716	nq	93
63) Azobenzene	10.70	77	511989	45.189	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	27356	24.704	nq	96
66) n-Nitrosodiphenylamine	10.66	169	444684	55.935	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	140697	53.516	nq	95
68) Hexachlorobenzene	11.10	284	137138	49.162	nq #	93
69) Atrazine	11.18	200	142632	56.772	nq	97
70) Pentachlorophenol	11.29	266	112746	69.314	nq	99
71) Phenanthrene	11.52	178	655468	51.684	nq	99
72) Anthracene	11.57	178	669334	52.654	nq	99
73) Carbazole	11.72	167	562034	45.282	nq	99
74) Di-n-butylphthalate	12.03	149	773406	55.173	nq	99
75) Fluoranthene	12.70	202	575743	44.732	nq	99
77) Benzidine	12.83	184	264329	Below	Cal	96
78) Pyrene	12.94	202	564374	49.481	nq	98
80) Butylbenzylphthalate	13.53	149	260298	52.579	nq	99
81) Benzo(a)anthracene	14.13	228	476663	50.522	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	118596	36.098	nq	99
83) Chrysene	14.16	228	452170	50.459	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	344301	51.448	nq	96
85) Di-n-octyl phthalate	14.70	149	574611	55.219	nq	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	320194	43.071	nq	97
88) Benzo(b)fluoranthene	15.20	252	396621	57.053	nq	99
89) Benzo(k)fluoranthene	15.24	252	370333	54.187	nq	99
90) Benzo(a)pyrene	15.60	252	349226	54.594	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	270883	49.077	nq	99
92) Benzo(g,h,i)perylene	17.70	276	255232	46.926	nq	98

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



#1

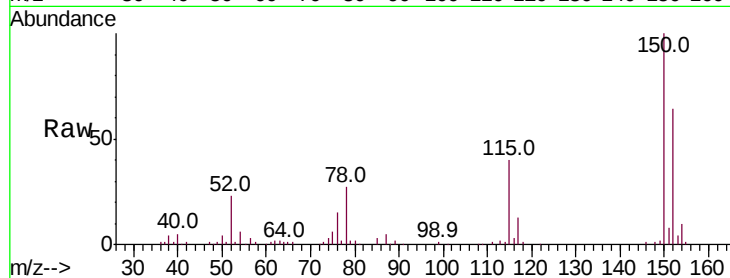
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	122.7	184.1
115	63.3	49.1	73.7

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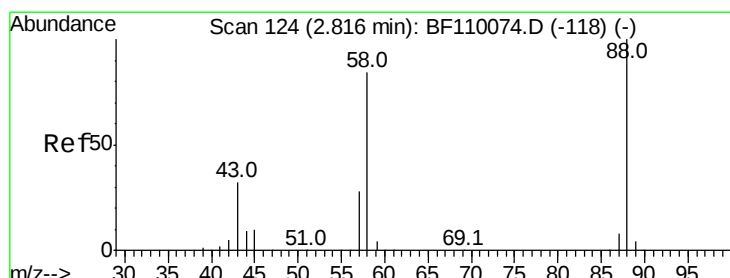
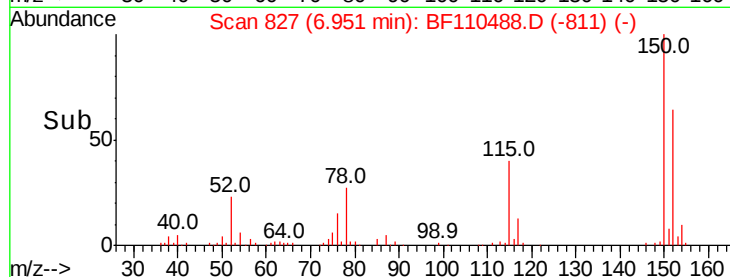
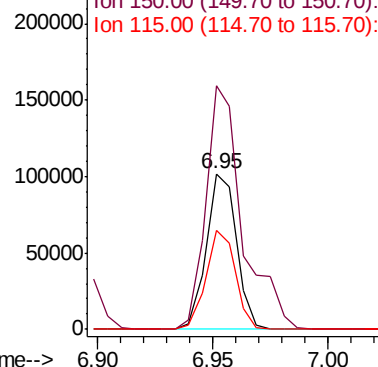


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

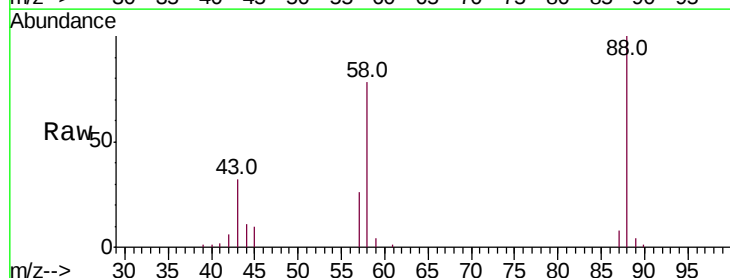
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.247 ng
RT: 2.89 min Scan# 137
Delta R.T. 0.09 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	57.1	85.7
43	34.3	24.1	36.1

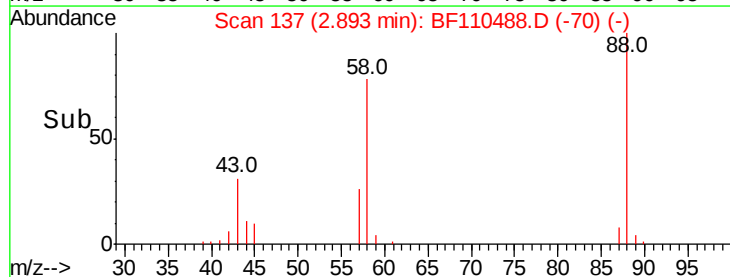
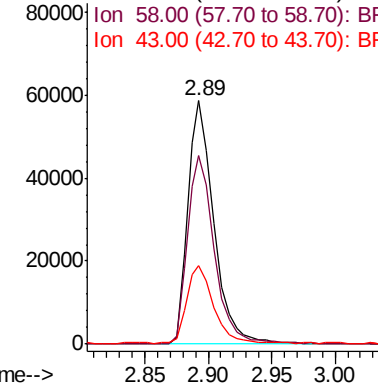


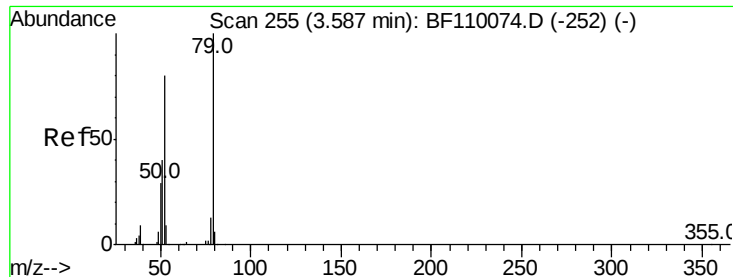
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.104 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

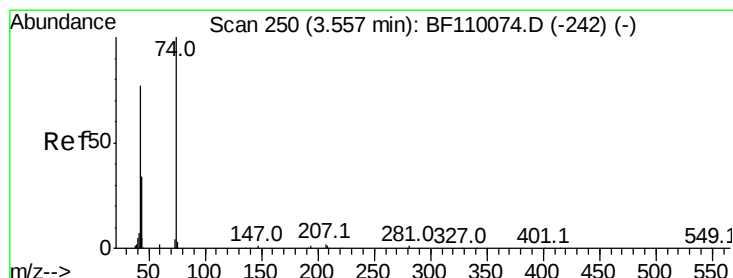
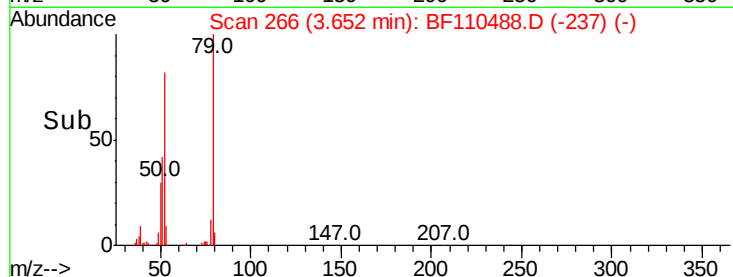
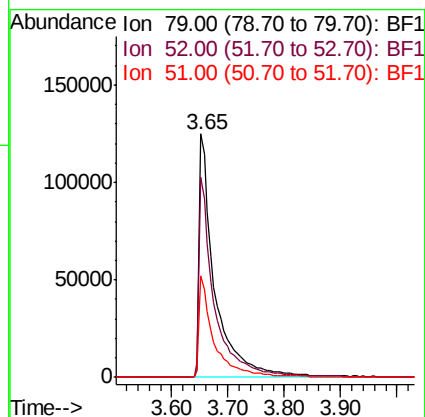
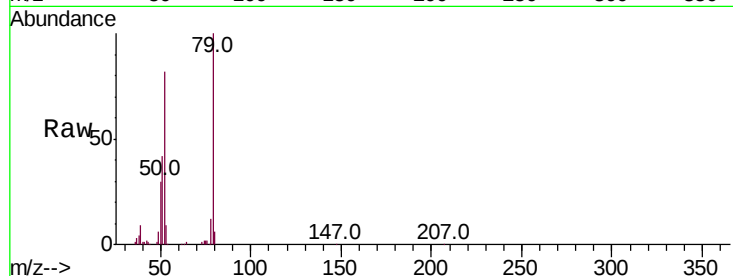
ClientSampleId :

PB114474BSD

Tot Ion:	79	Resp:	240211
Ion Ratio	Lower	Upper	
79	100		
52	82.4	53.1	79.7#
51	41.7	27.4	41.2#

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#4

n-Nitrosodimethylamine

Concen: 44.955 ng

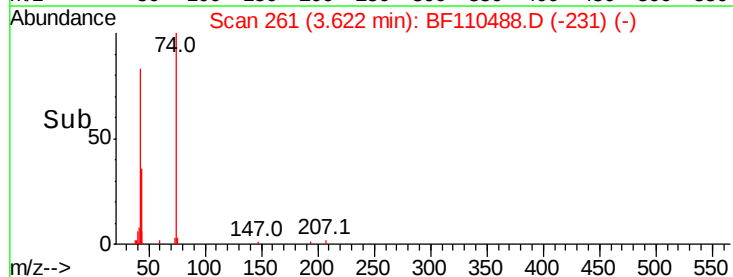
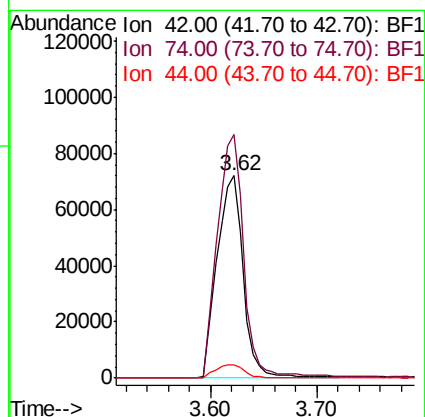
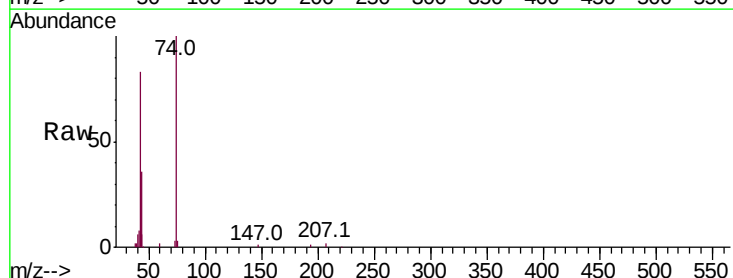
RT: 3.62 min Scan# 261

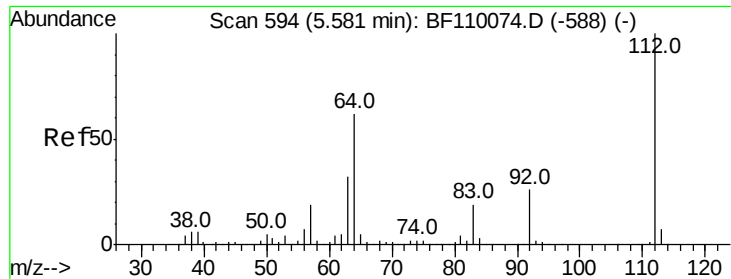
Delta R.T. 0.08 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	42	Resp:	125310
Ion Ratio	Lower	Upper	
42	100		
74	120.3	105.5	158.3
44	6.7	4.9	7.3





#5

2-Fluorophenol

Concen: 90.626 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

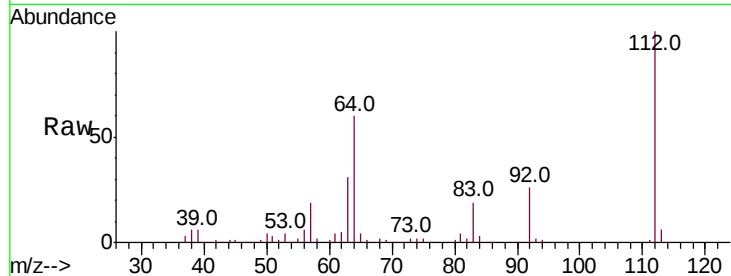
ClientSampleId :

PB114474BSD

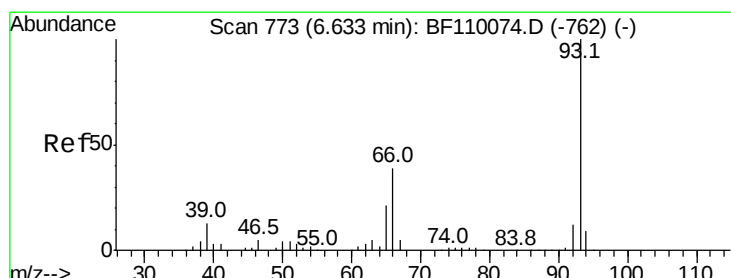
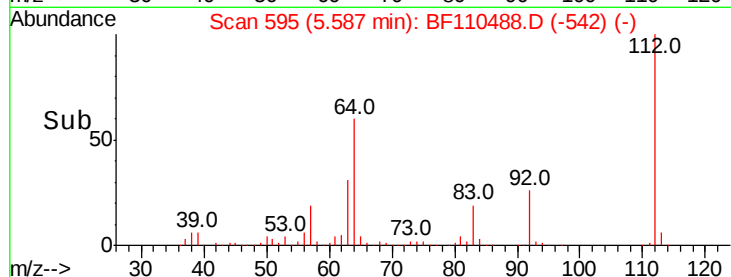
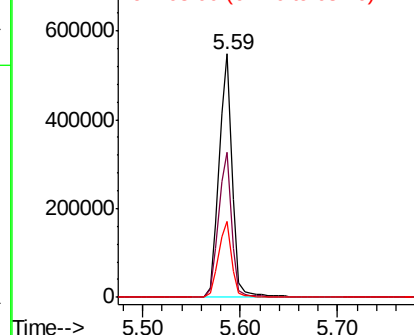
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.6	44.1	66.1
63	31.3	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.118 ng

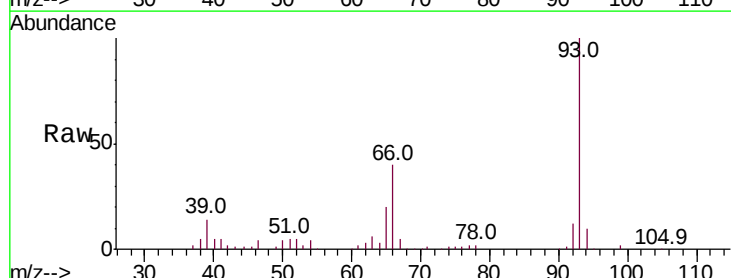
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

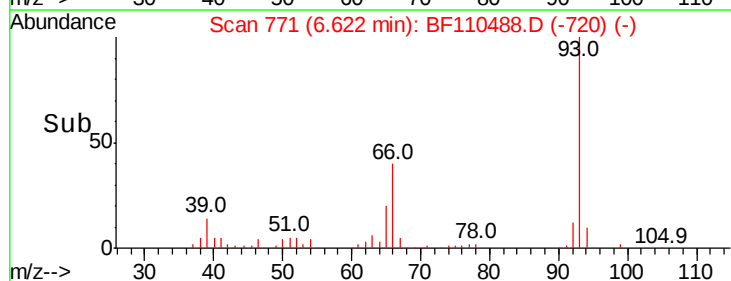
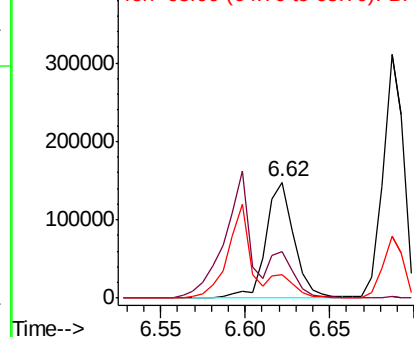
Lab File: BF110488.D

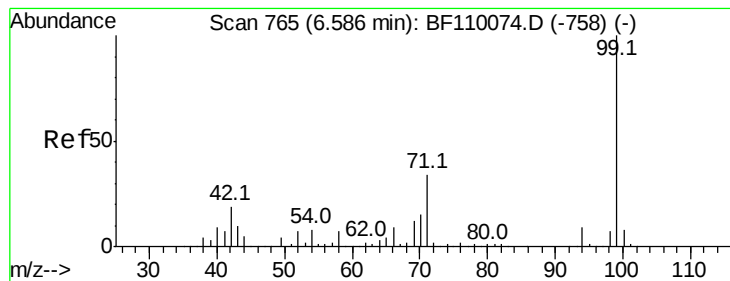
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.7	67.4	101.0#
65	20.3	41.0	61.4#



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: 90.749 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

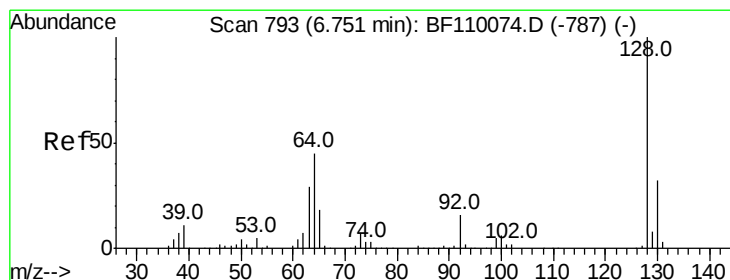
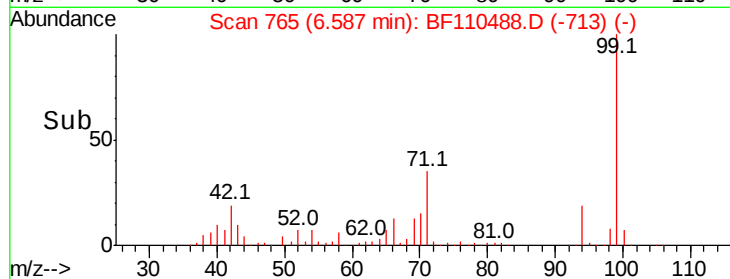
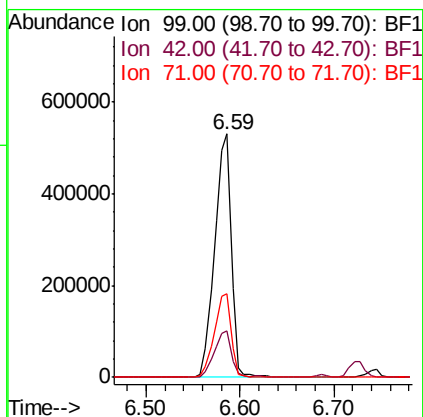
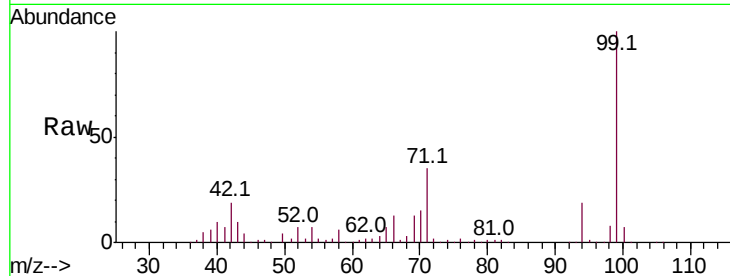
ClientSampleId :

PB114474BSD

Tot Ion:	99	Resp:	661794
Ion Ratio	Lower	Upper	
99	100		
42	18.8	15.8	23.6
71	34.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 44.306 ng

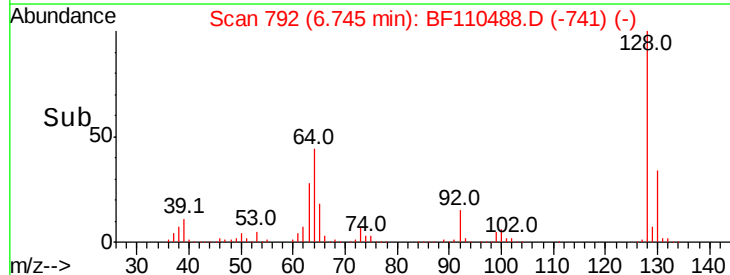
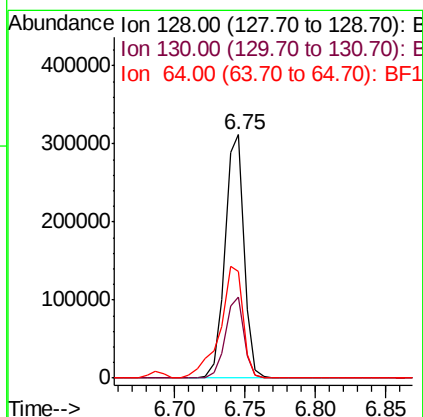
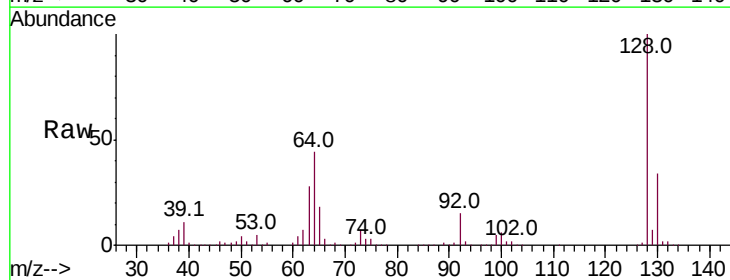
RT: 6.75 min Scan# 792

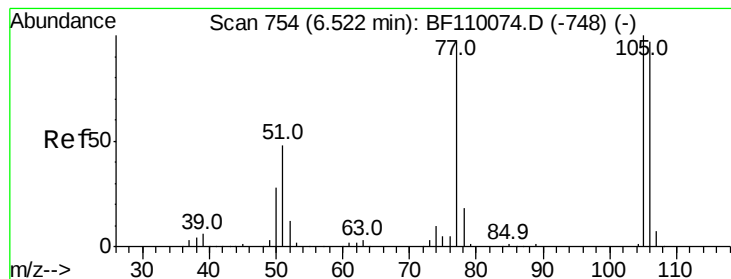
Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	128	Resp:	291234
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.1	53.1
64	43.9	26.0	66.0





#9

Benzaldehyde

Concen: 43.387 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

ClientSampleID :

PB114474BSD

Tot Ion: 77 Resp: 179303

Ion Ratio Lower Upper

77 100

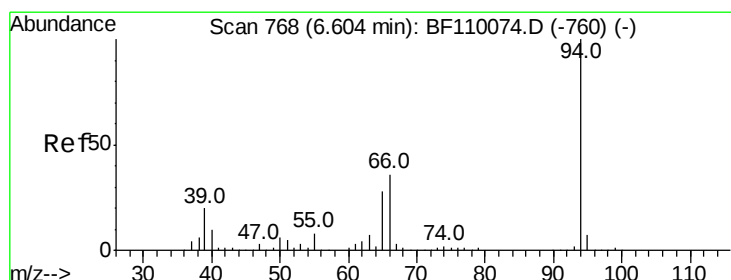
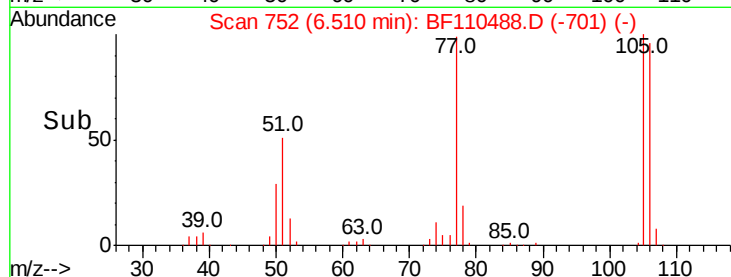
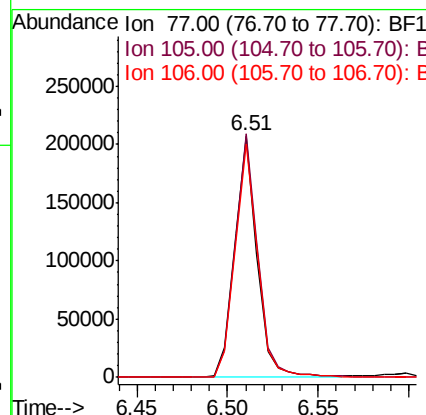
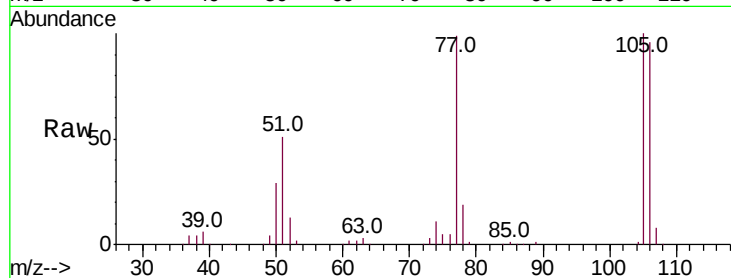
105 101.0 78.6 118.6

106 96.7 74.8 114.8

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#10

Phenol

Concen: 44.719 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

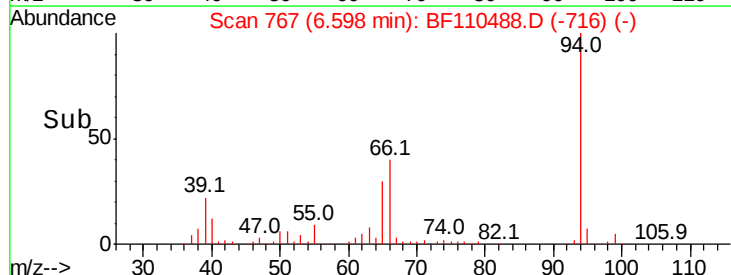
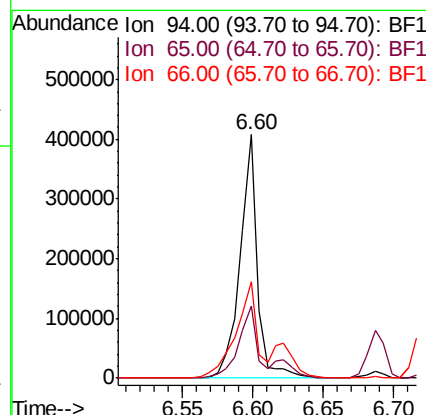
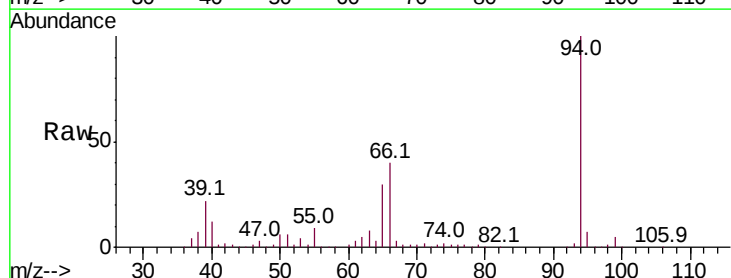
Tgt Ion: 94 Resp: 348591

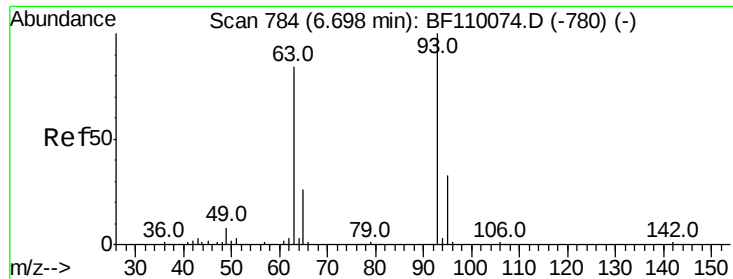
Ion Ratio Lower Upper

94 100

65 29.5 25.3 65.3

66 39.7 54.5 94.5#





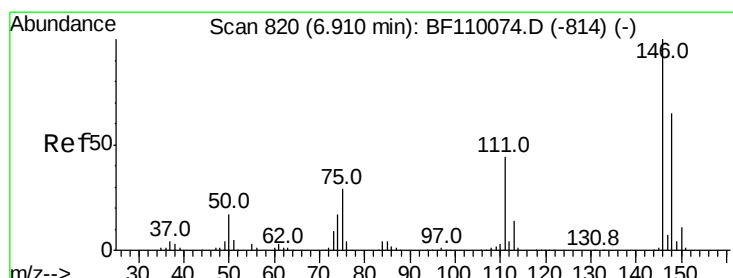
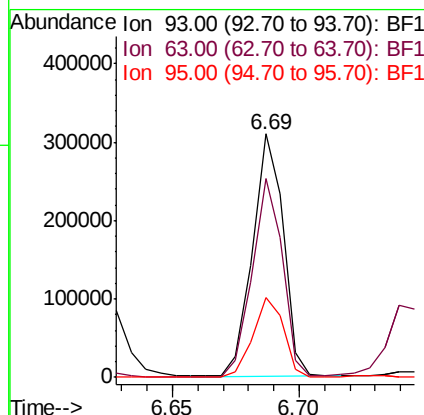
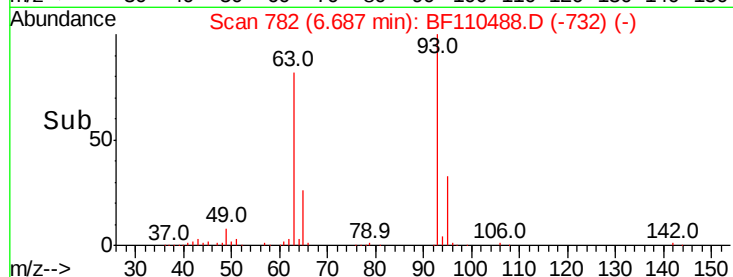
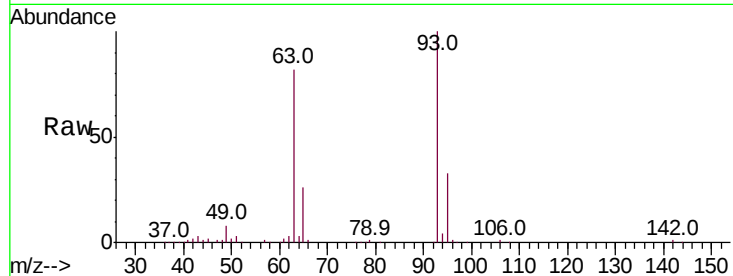
#11
bis(2-Chloroethyl)ether
Concen: 40.833 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion:	93	Resp:	261871
Ion Ratio	Lower	Upper	
93	100		
63	81.8	53.4	93.4
95	32.6	12.1	52.1

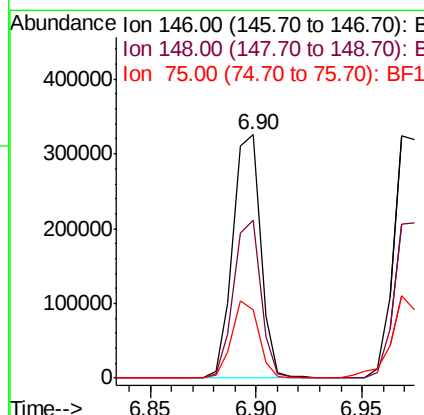
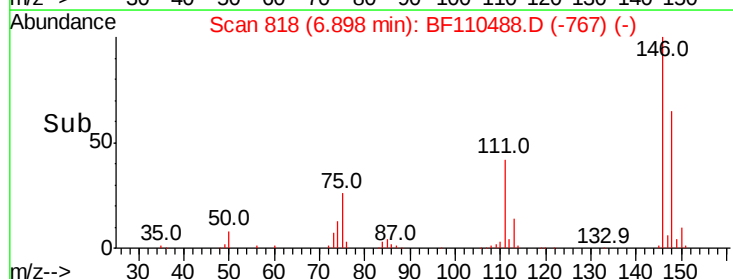
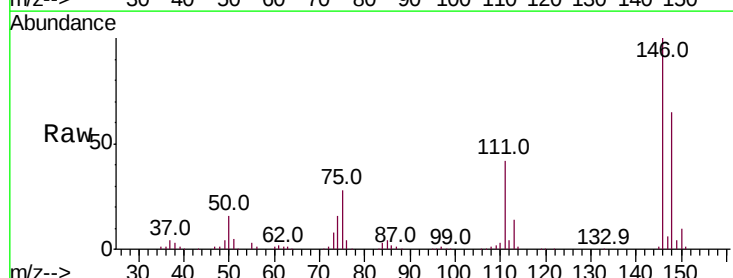
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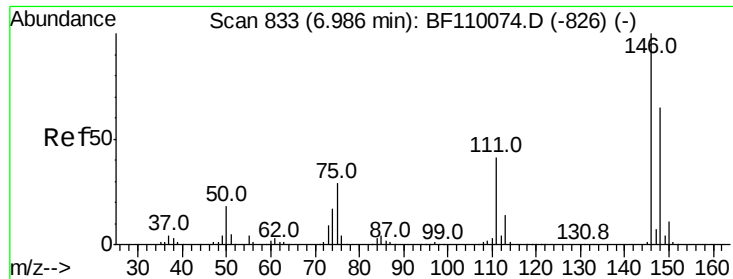
Sohil
11/6/2018 9:01:23 AM



#12
1,3-Dichlorobenzene
Concen: 41.094 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion:	146	Resp:	297267
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.4	75.6
75	27.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 41.406 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

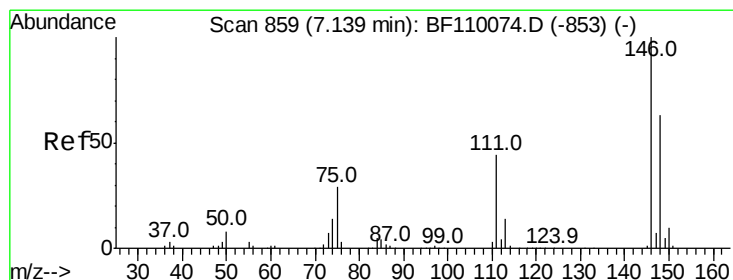
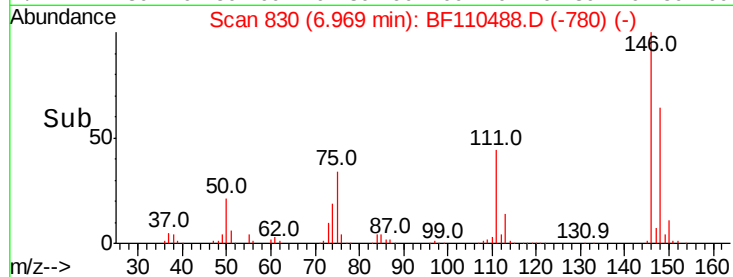
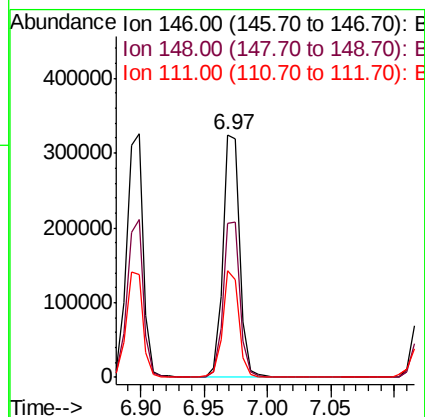
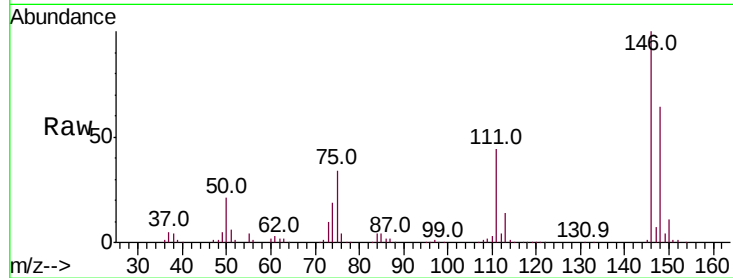
ClientSampleId :

PB114474BSD

Tot Ion:	146	Resp:	302930
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.3	75.5
111	43.9	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 41.936 ng

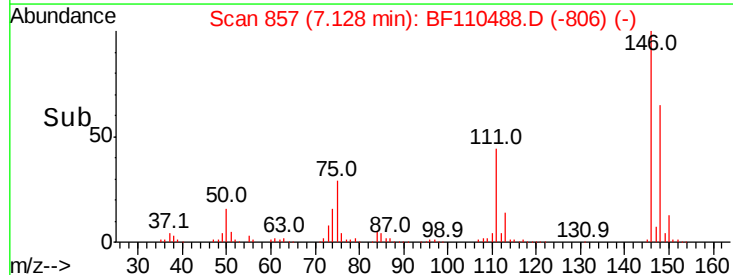
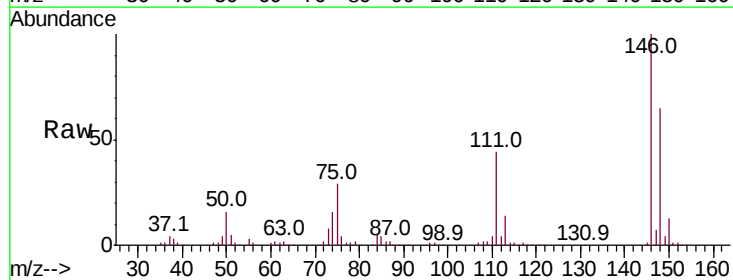
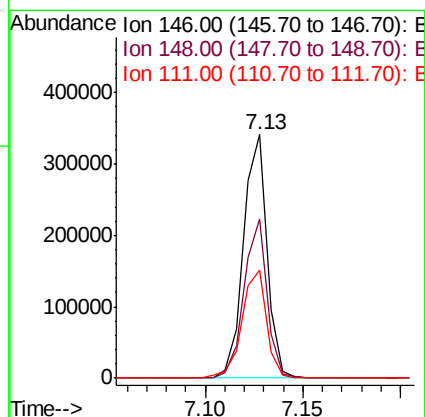
RT: 7.13 min Scan# 857

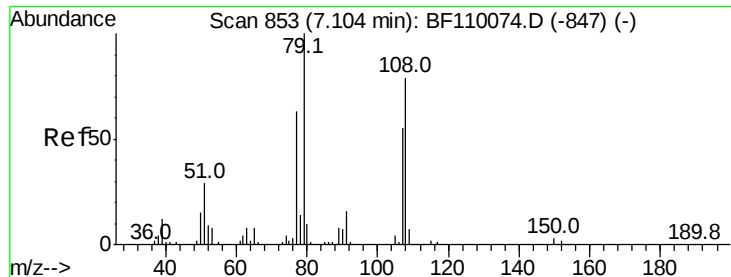
Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	146	Resp:	284812
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.1	76.7
111	44.2	35.8	53.6





#15

Benzyl Alcohol

Concen: 43.901 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

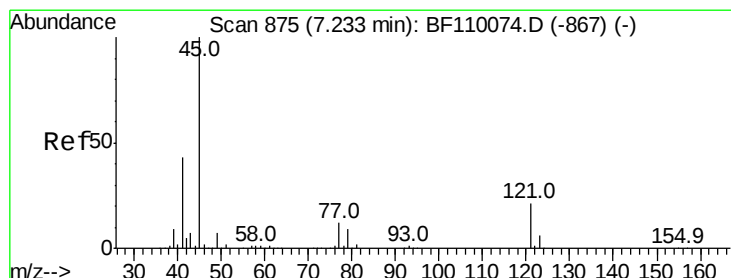
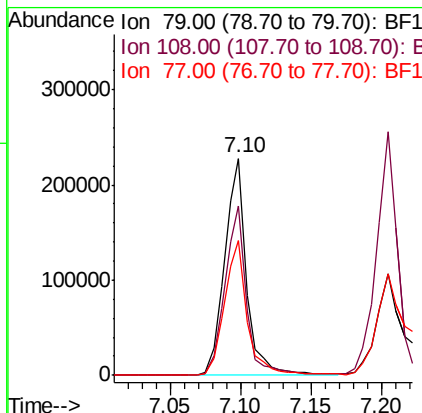
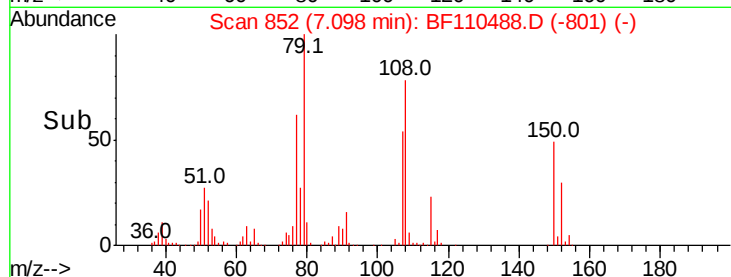
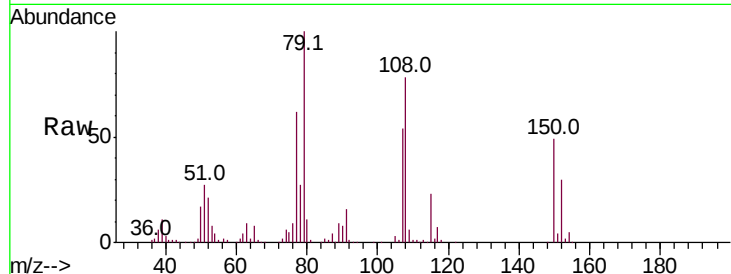
ClientSampleId :

PB114474BSD

Tot Ion:	79	Resp:	246237
Ion Ratio	Lower	Upper	
79	100		
108	78.3	56.3	84.5
77	62.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.335 ng

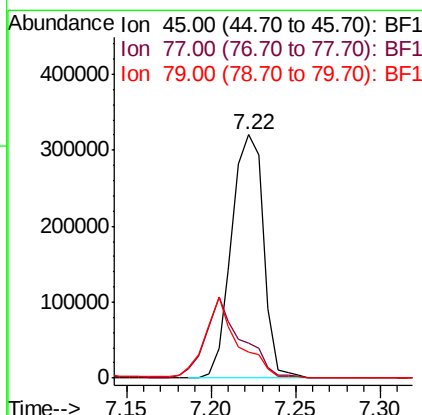
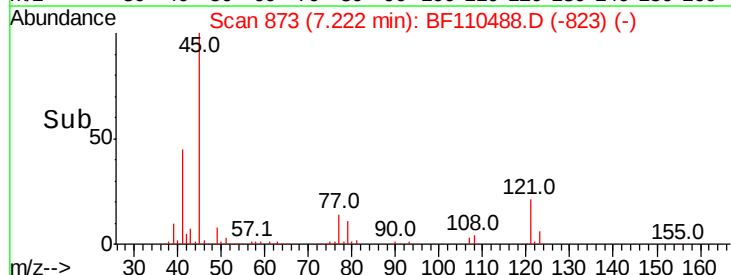
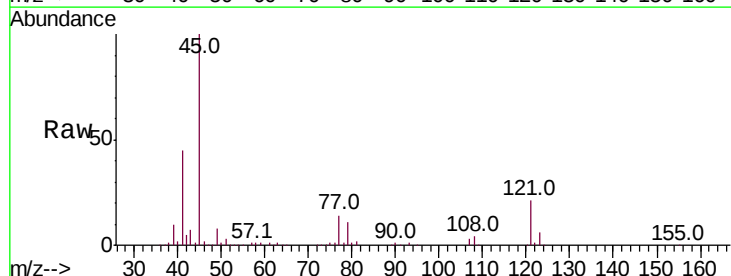
RT: 7.22 min Scan# 873

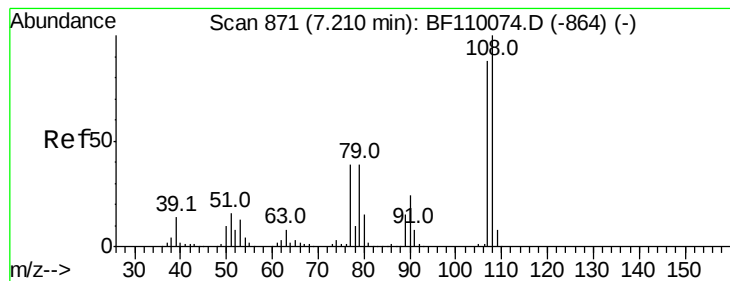
Delta R.T. -0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	45	Resp:	423847
Ion Ratio	Lower	Upper	
45	100		
77	14.5	10.0	50.0
79	10.7	6.1	46.1





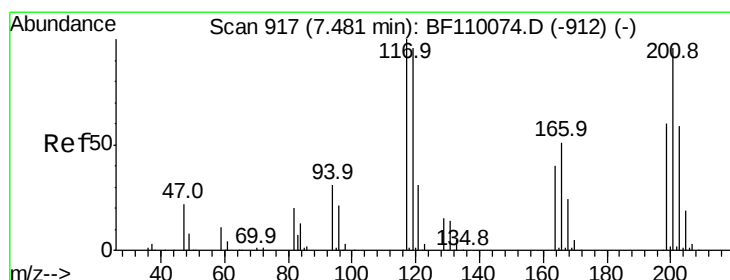
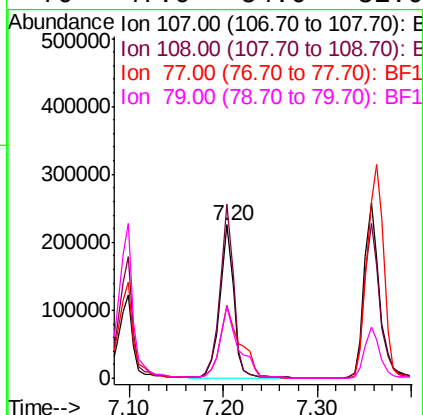
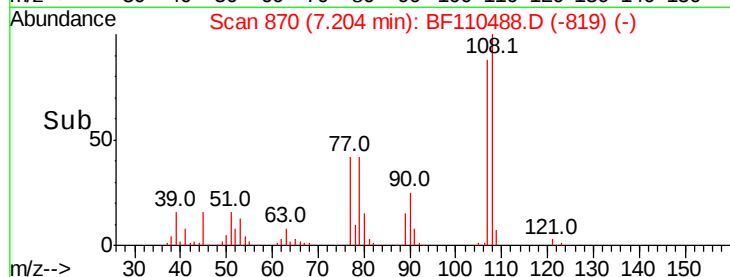
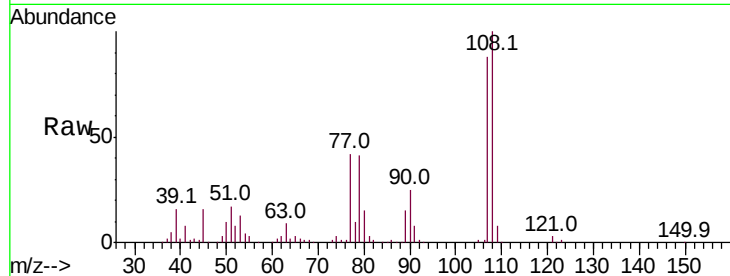
#17
2-Methylphenol
Concen: 45.176 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.2	92.6	138.8
77	47.4	59.4	89.2#
79	47.0	54.0	81.0#

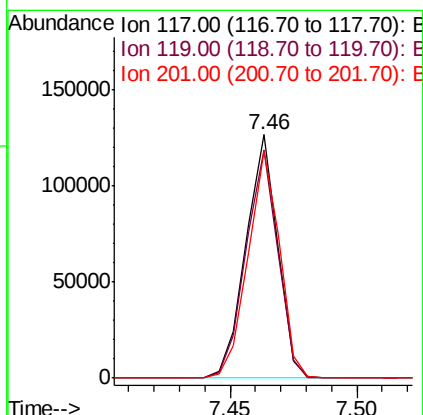
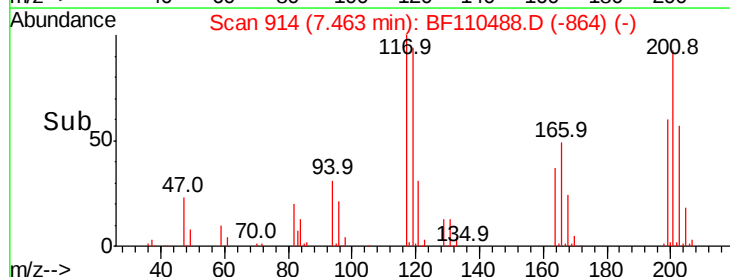
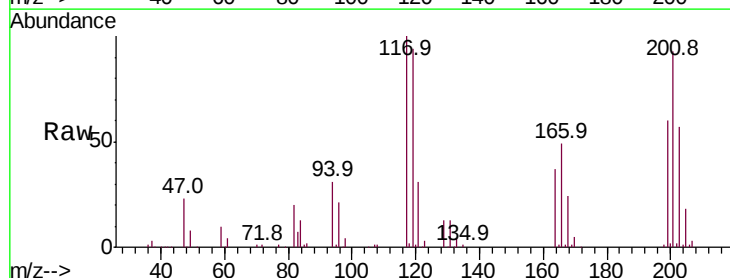
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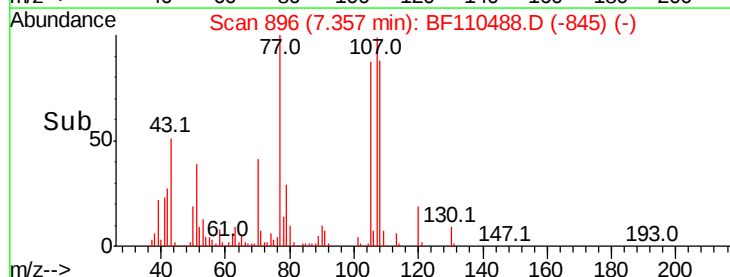
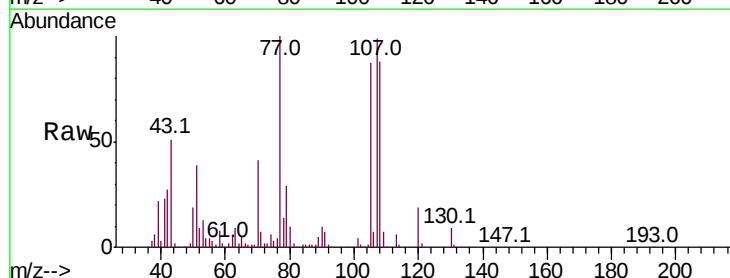
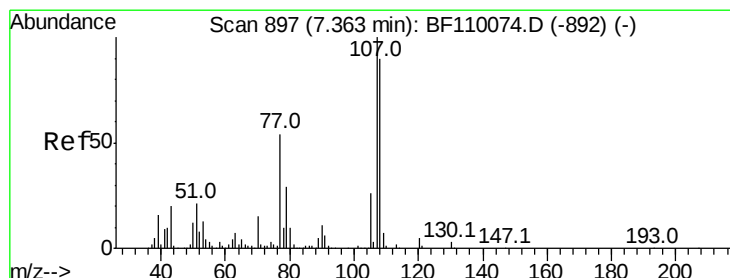
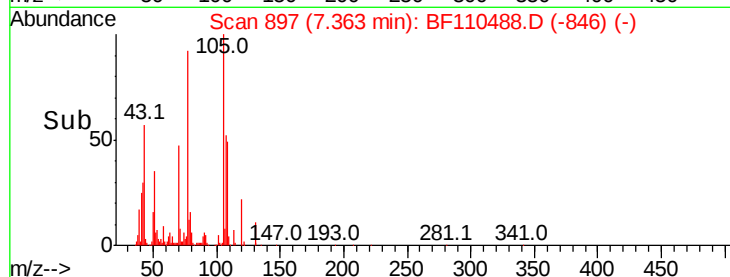
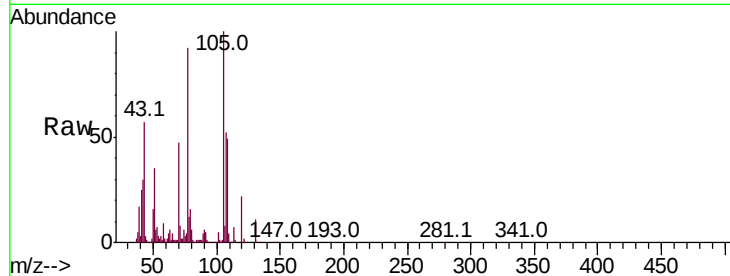
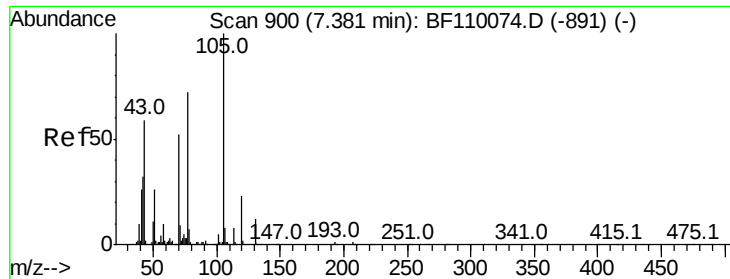
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#18
Hexachloroethane
Concen: 41.039 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	93.7	75.0	112.6
201	93.2	79.2	118.8





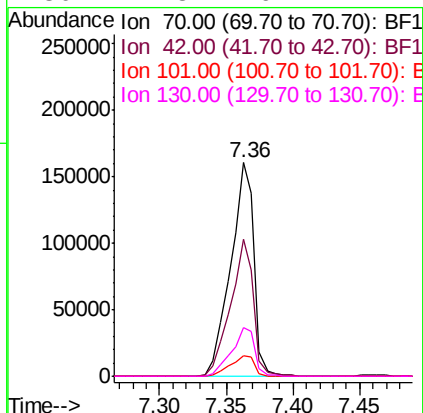
#19
n-Nitroso-di-n-propylamine
Concen: 42.084 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampled :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.4	71.2
101	9.7	7.3	10.9
130	22.8	16.2	24.2

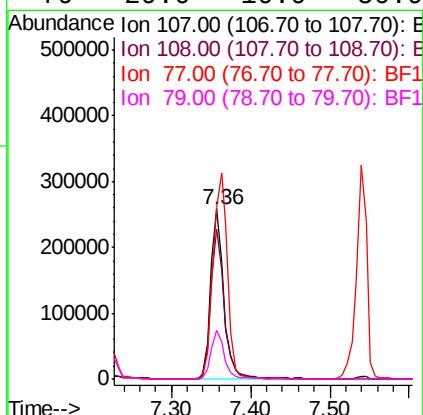
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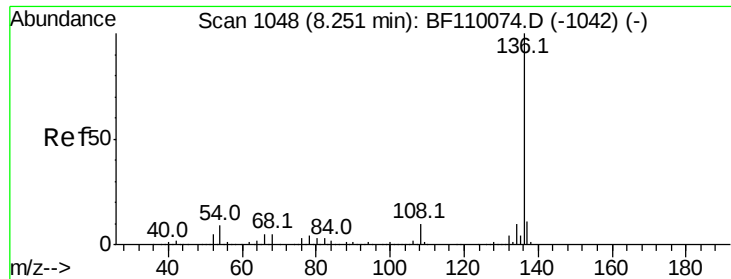
Sohil
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#20
3+4-Methylphenols
Concen: 43.759 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.4	111.4
77	100.8	47.3	87.3#
79	29.0	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

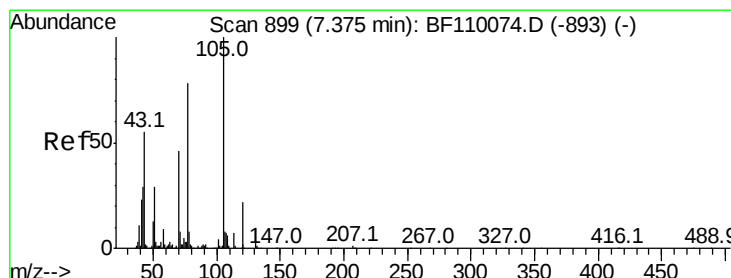
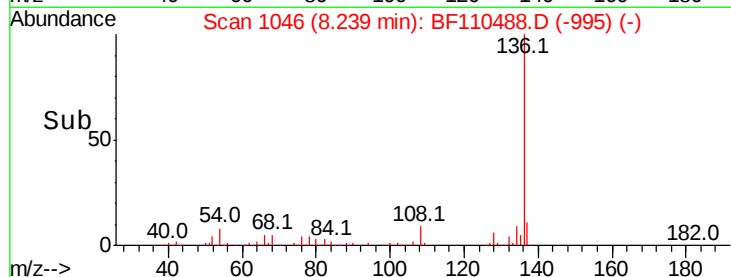
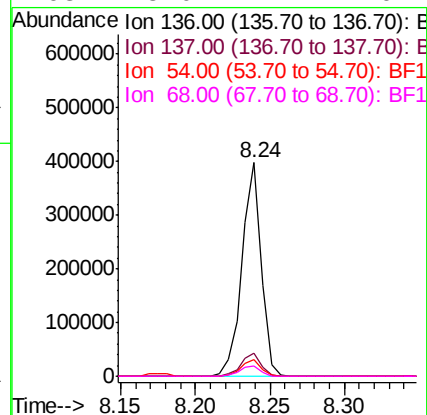
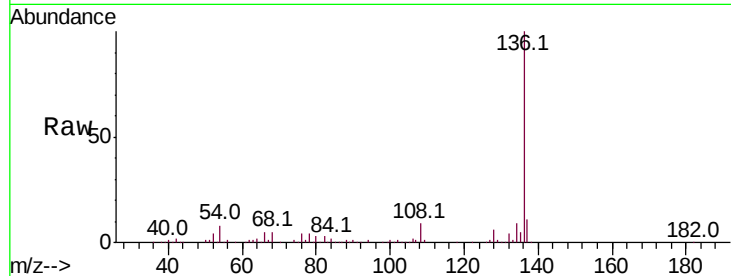
ClientSampleId :

PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	360312		
137	10.6	8.8	13.2	
54	7.8	5.4	8.2	
68	5.0	4.2	6.2	

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#22

Acetophenone

Concen: 47.289 ng

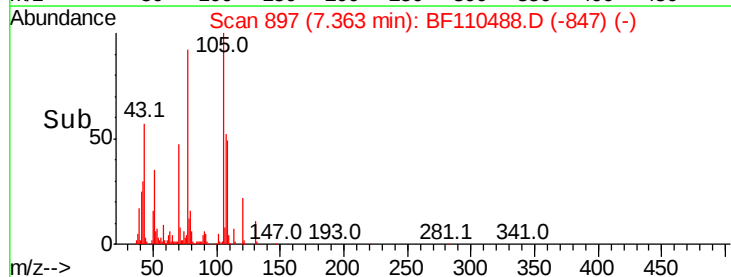
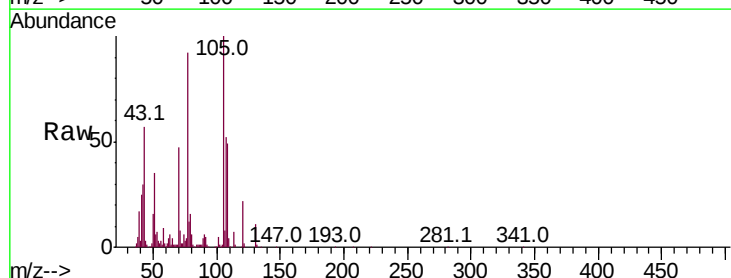
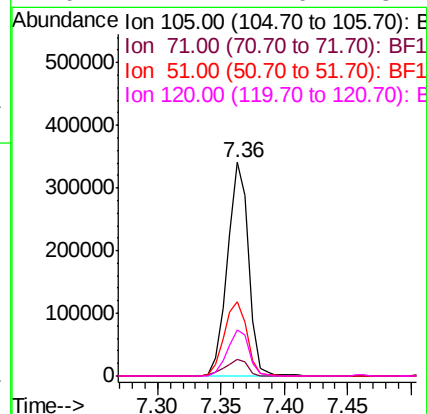
RT: 7.36 min Scan# 897

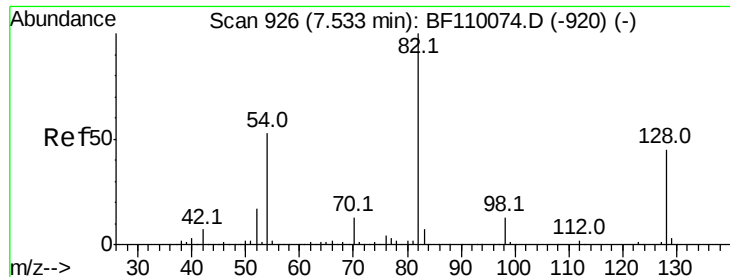
Delta R.T. -0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392611		
71	7.9	5.2	7.8#	
51	34.5	21.8	32.8#	
120	21.7	17.0	25.4	





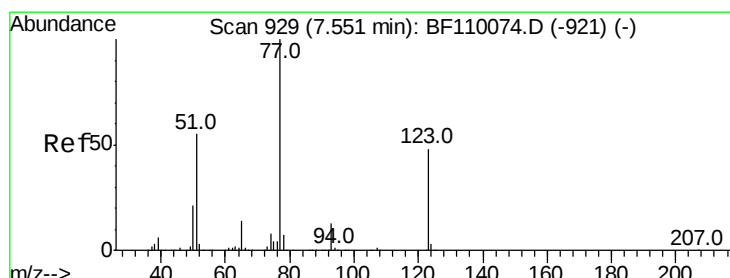
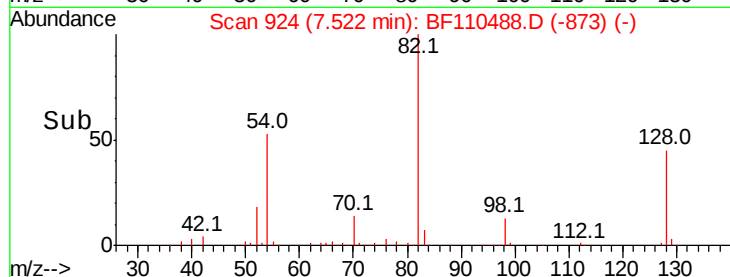
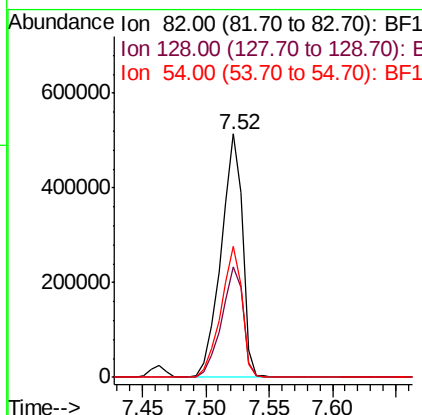
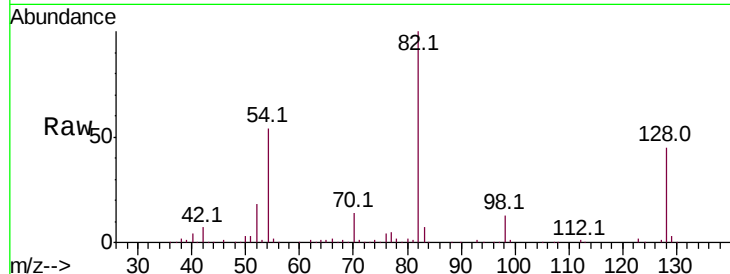
#23
 Nitrobenzene-d5
 Concen: 99.393 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.2	51.2
54	53.5	38.6	58.0

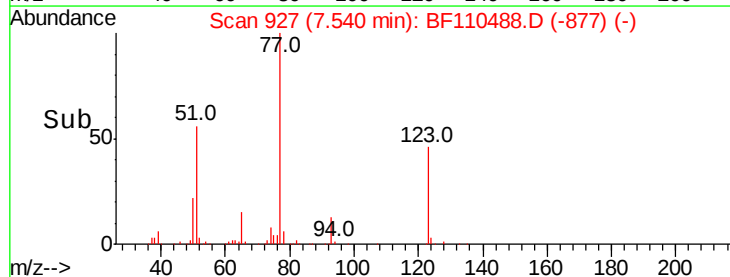
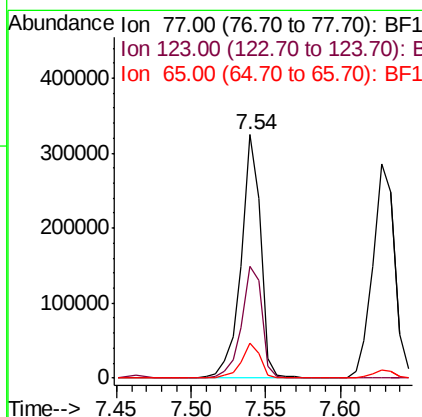
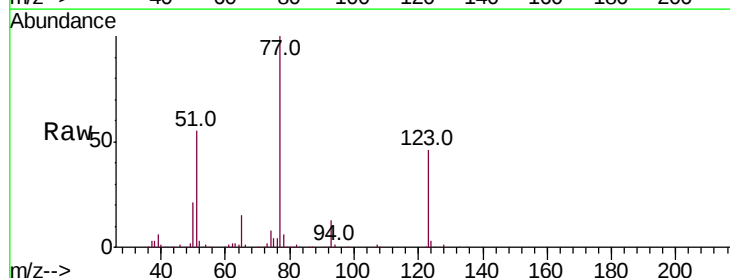
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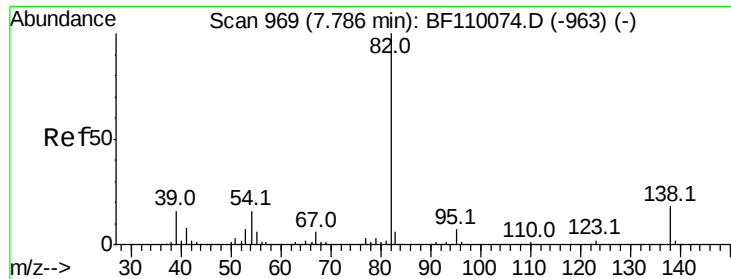
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#24
 Nitrobenzene
 Concen: 46.625 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	35.7	53.5
65	14.6	10.7	16.1





#25

Isophorone

Concen: 52.431 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

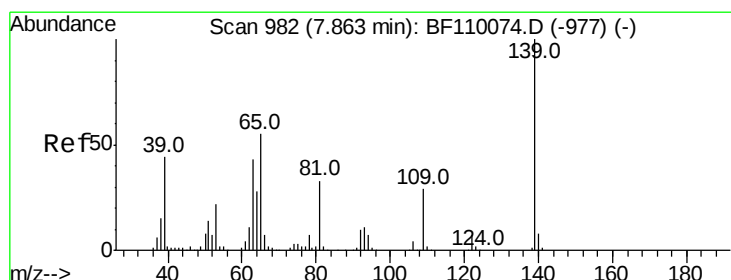
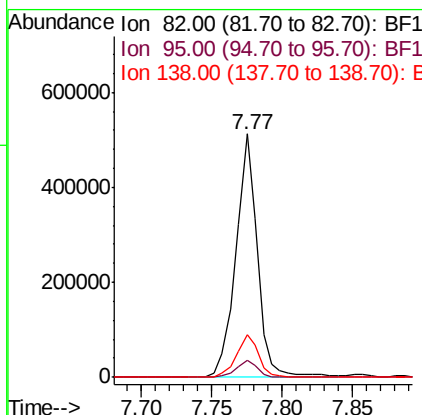
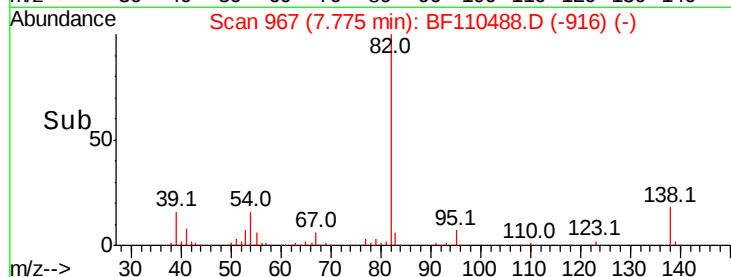
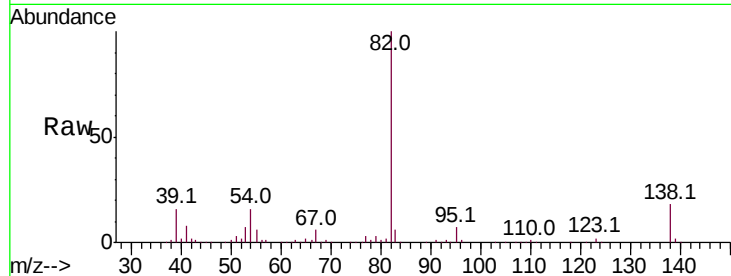
ClientSampleId :

PB114474BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	17.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 49.257 ng

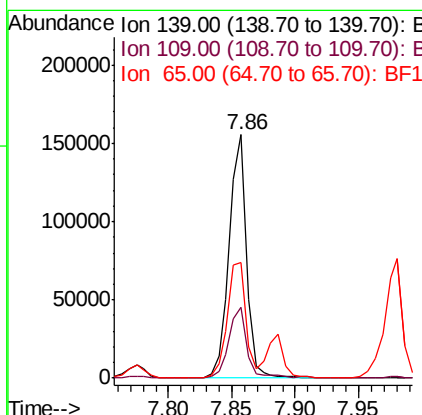
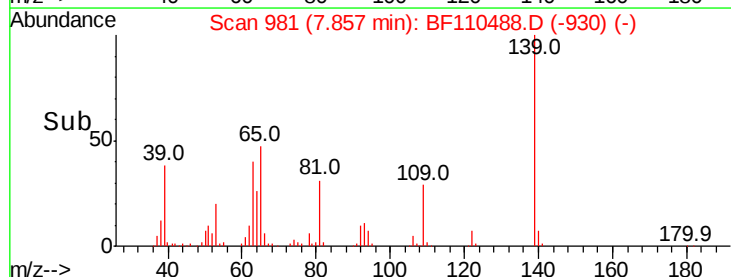
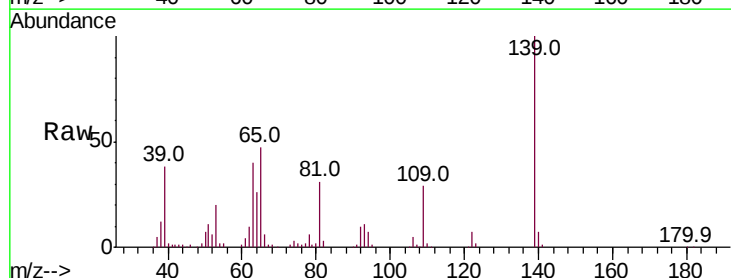
RT: 7.86 min Scan# 981

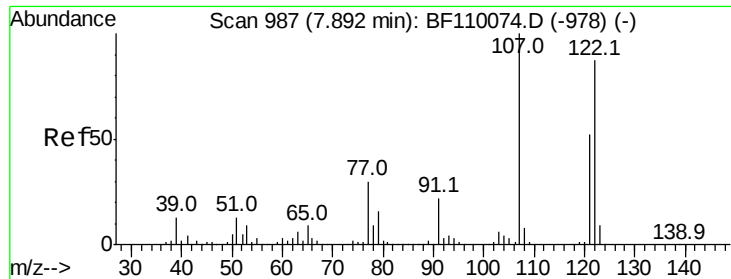
Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.4	25.0	37.6
65	47.5	44.0	66.0





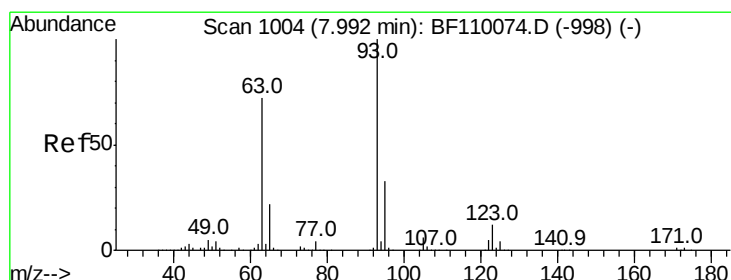
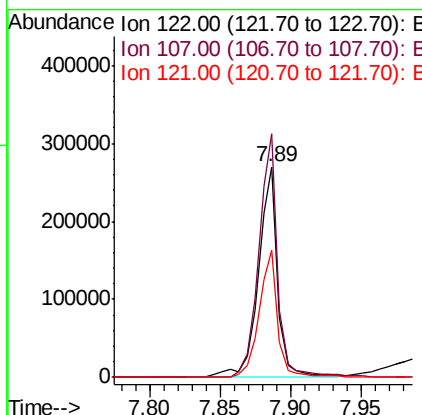
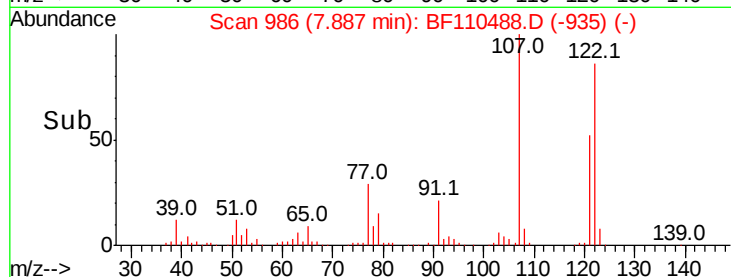
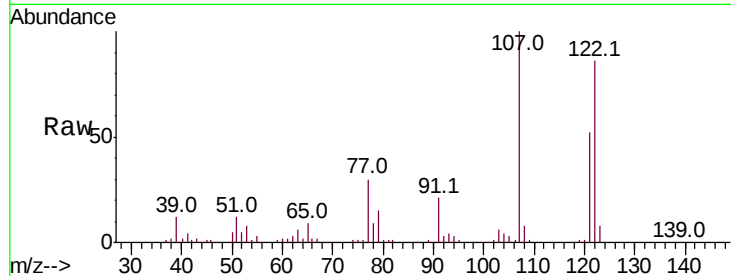
#27
2,4-Dimethylphenol
Concen: 53.027 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262384		
107	115.7	92.5	138.7	
121	60.5	45.8	68.8	

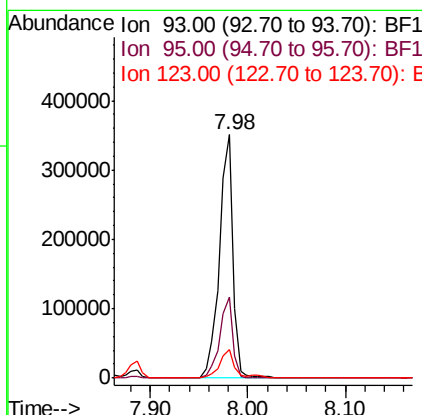
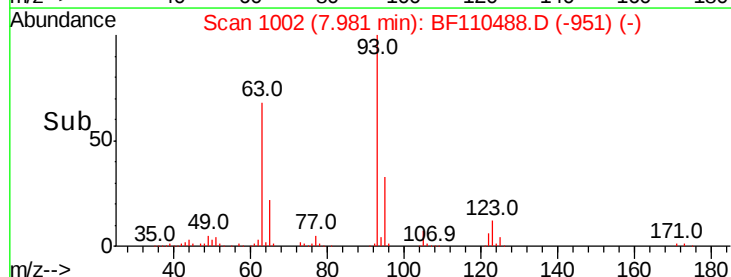
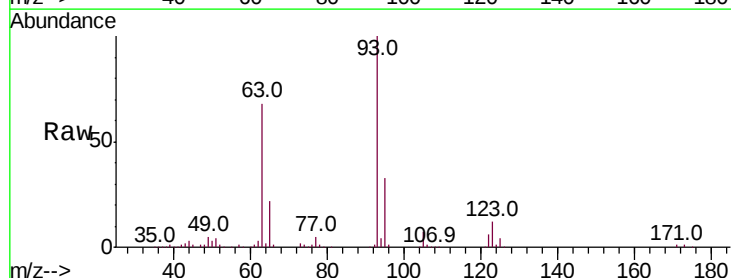
Manual Integrations
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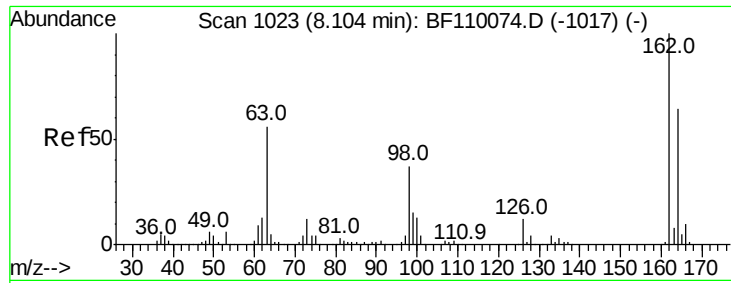
Sohil
11/6/2018 9:01:23 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.105 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	338395		
95	33.0	26.4	39.6	
123	11.9	9.0	13.6	





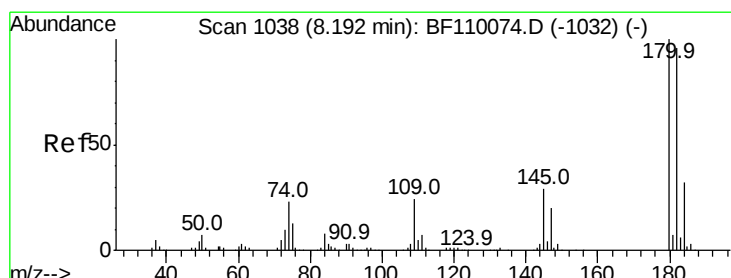
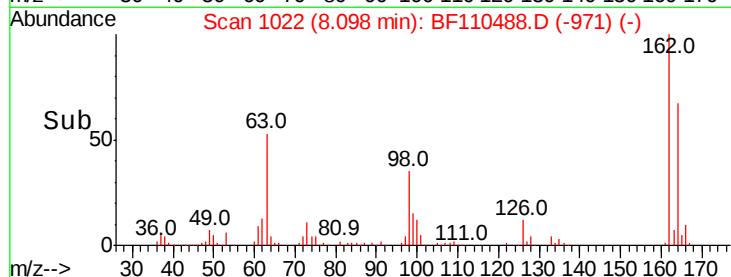
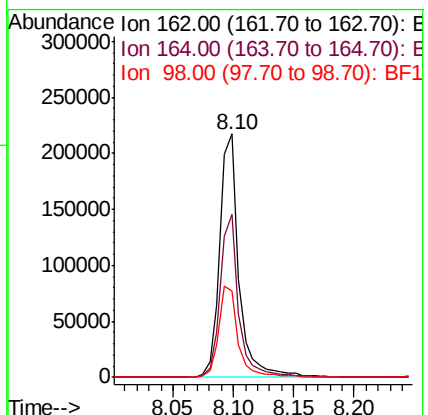
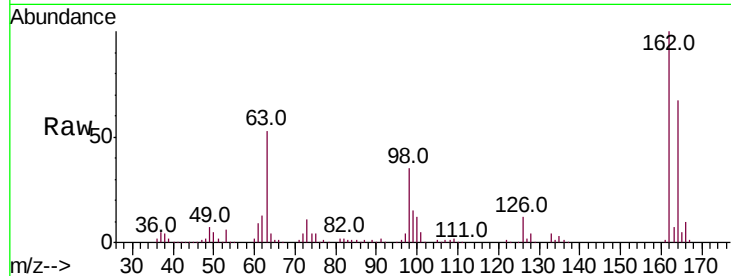
#29
2,4-Dichlorophenol
Concen: 47.588 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	66.8	44.6	84.6
98	35.4	17.4	57.4

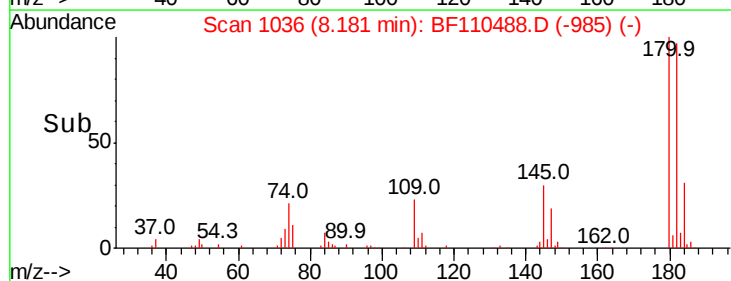
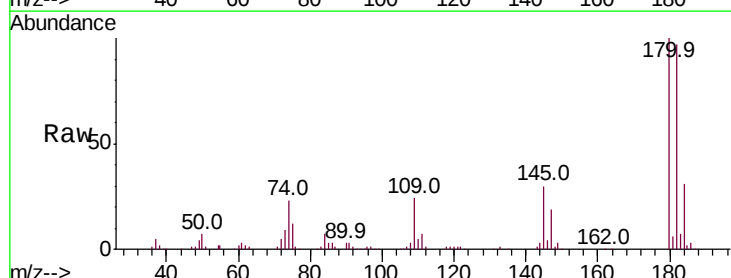
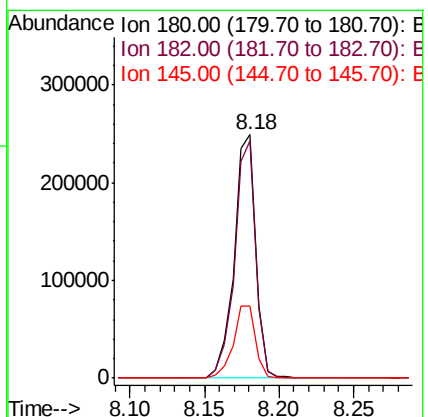
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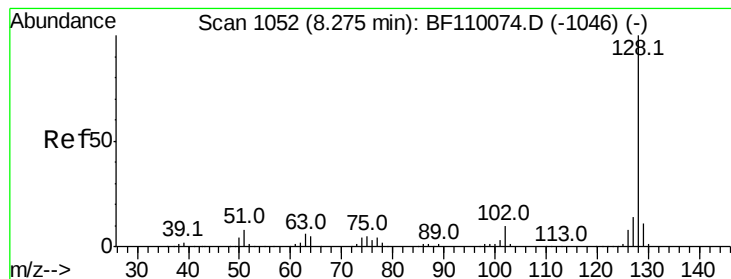
Sohil
11/6/2018 9:01:23 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.430 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.2	80.3	120.5
145	29.7	25.4	38.0





#31

Naphthalene

Concen: 49.324 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

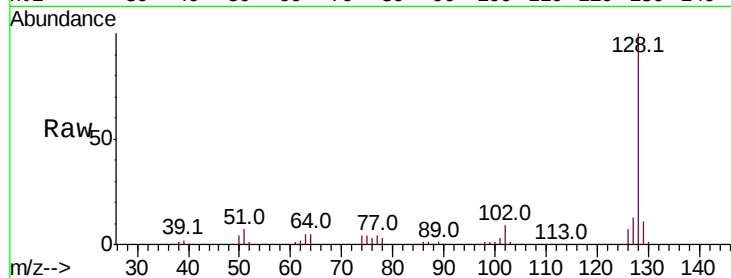
ClientSampleId :

PB114474BSD

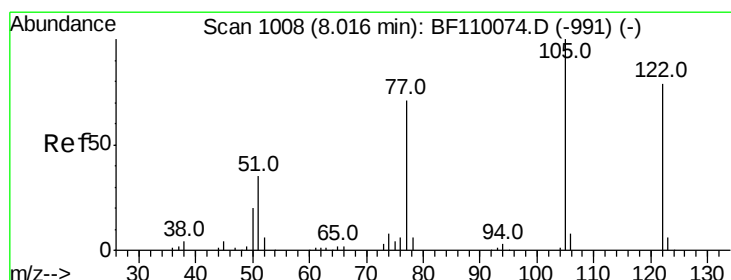
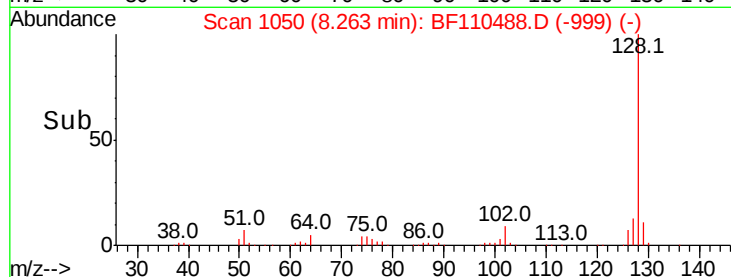
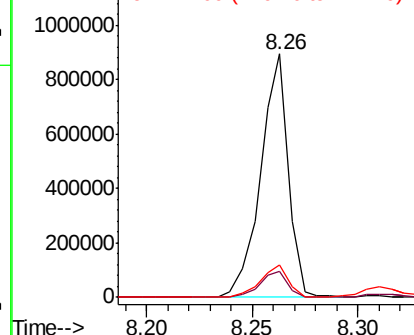
Tot Ion:128	Resp:	819096
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.8 13.2
127	13.3	10.8 16.2

Manual Integrations
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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: 28.865 ng

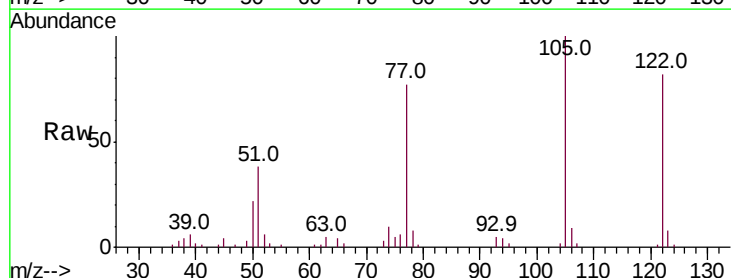
RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

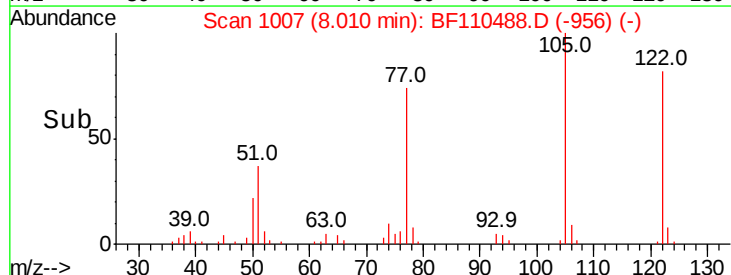
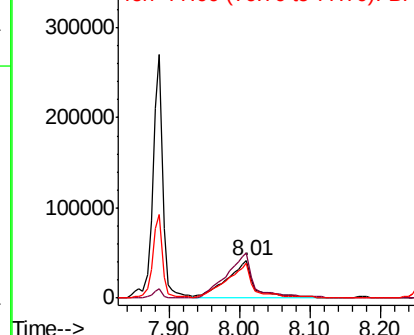
Lab File: BF110488.D

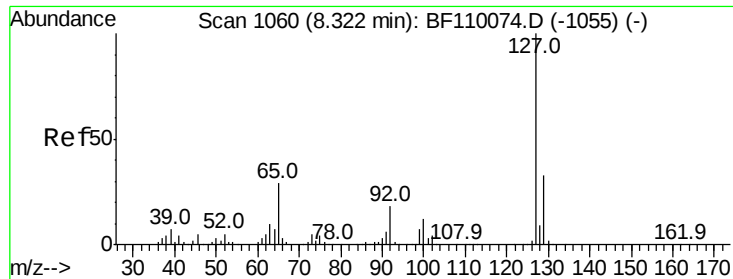
Acq: 6 Nov 2018 2:40

Tgt Ion:122	Resp:	110390
Ion Ratio	Lower	Upper
122	100	
105	121.9	109.0 149.0
77	93.9	79.0 119.0



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





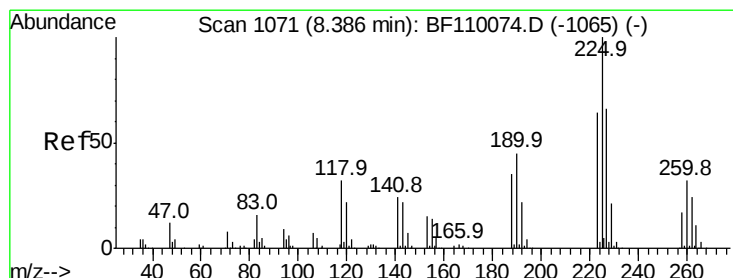
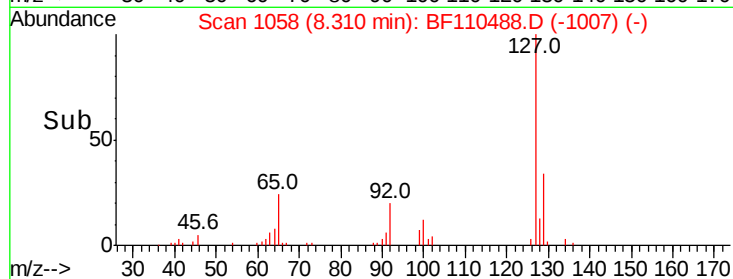
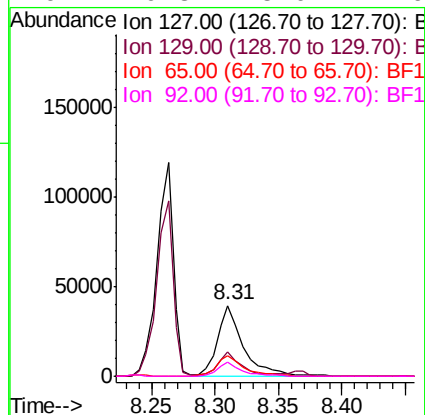
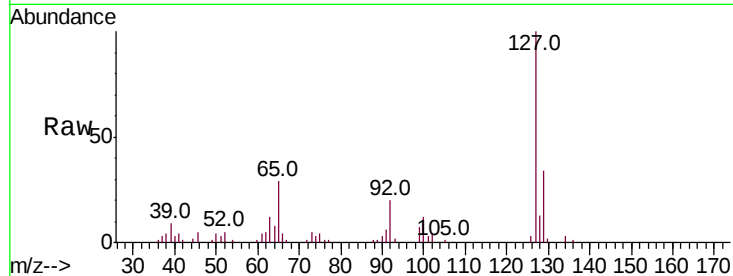
#33
4-Chloroaniline
Concen: 7.650 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.6	26.0	39.0		
65	29.0	25.1	37.7		
92	20.3	15.0	22.6		

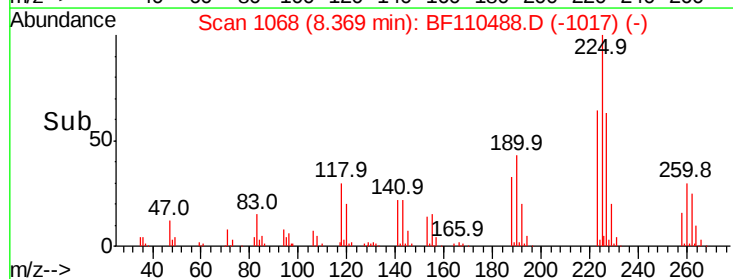
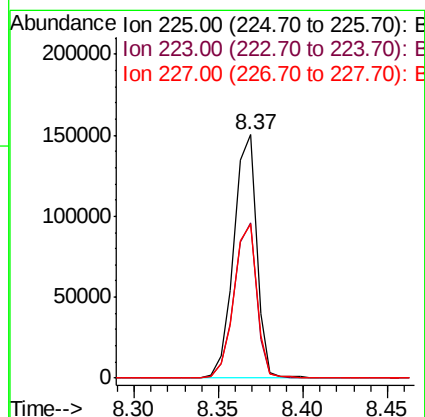
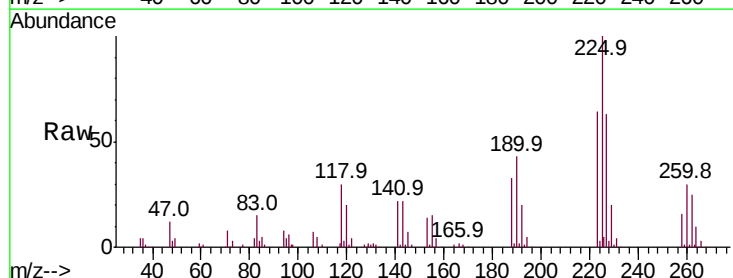
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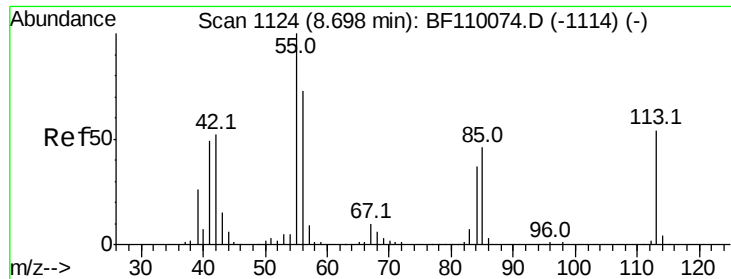
Sohil
11/6/2018 9:01:23 AM



#34
Hexachlorobutadiene
Concen: 45.656 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	51.4	77.2		
227	63.2	51.0	76.6		





#35

Caprolactam

Concen: 41.769 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

ClientSampleId :

PB114474BSD

Tot Ion:113 Resp: 72778

Ion Ratio Lower Upper

113 100

55 181.5 142.8 182.8

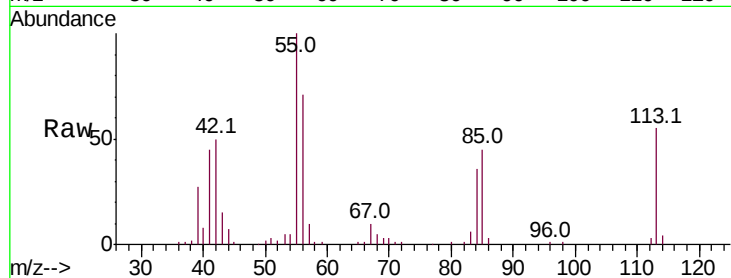
56 128.9 105.0 145.0

Manual Integrations

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Sohil

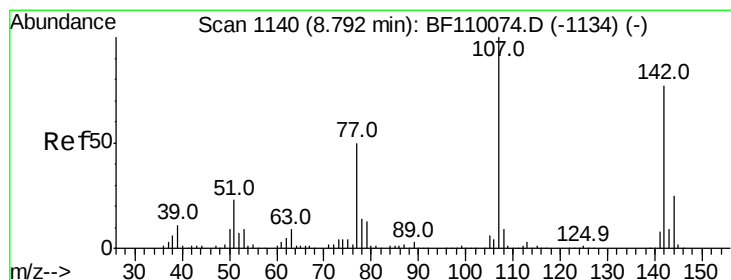
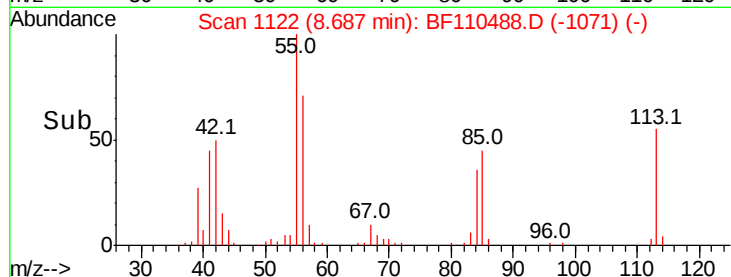
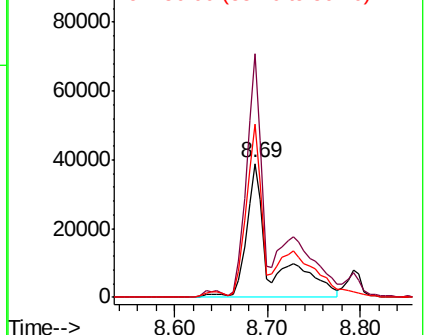
11/6/2018 9:01:23 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.860 ng/mL

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

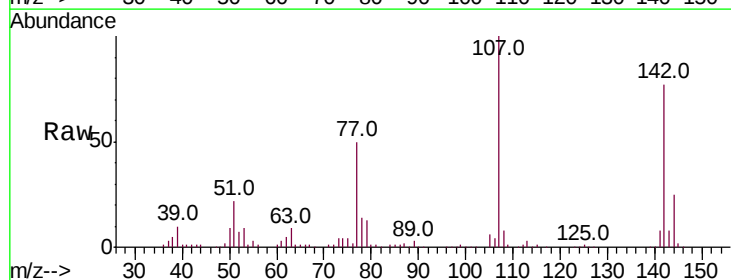
Tgt Ion:107 Resp: 253317

Ion Ratio Lower Upper

107 100

144 24.9 20.0 30.0

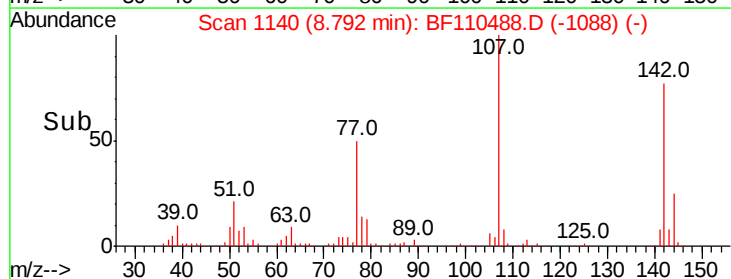
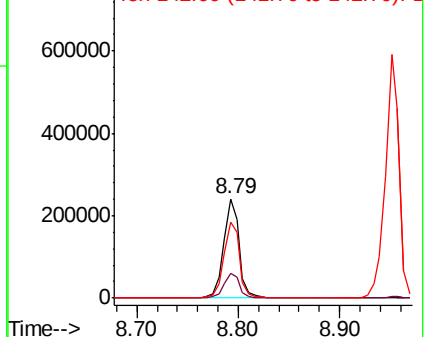
142 76.9 59.7 89.5

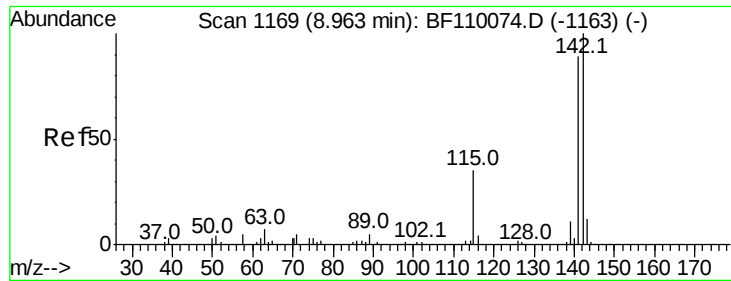


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





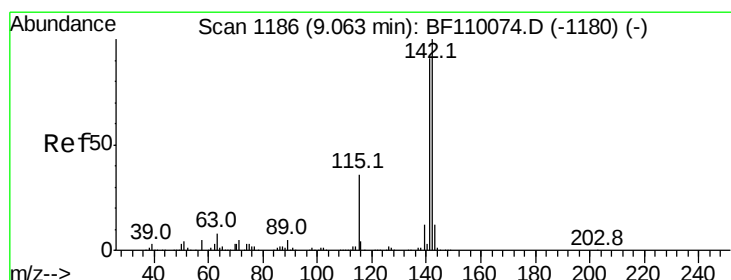
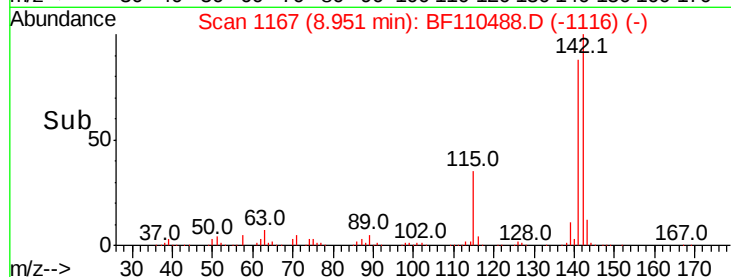
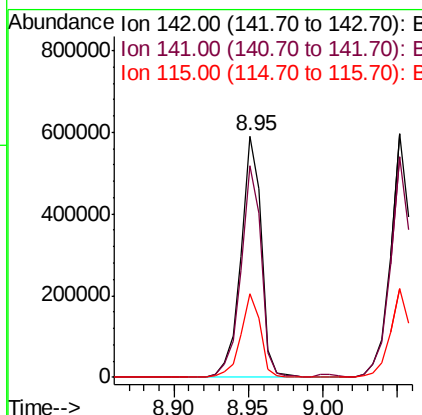
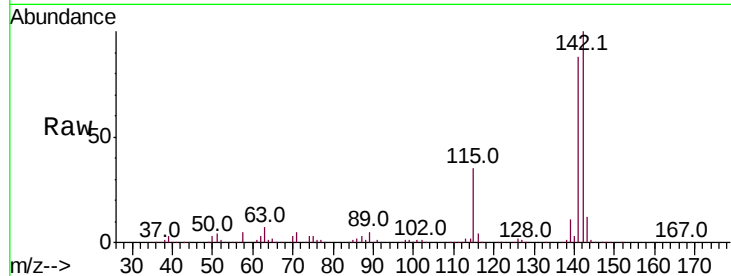
#37
2-Methylnaphthalene
Concen: 50.961 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	559924		
141	87.7	71.4	107.2	
115	34.8	28.7	43.1	

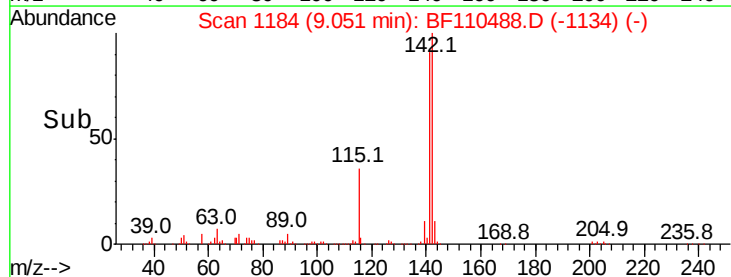
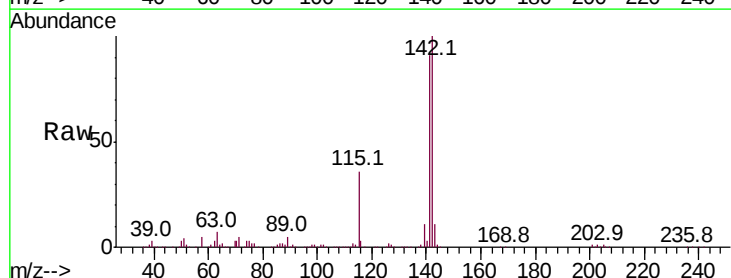
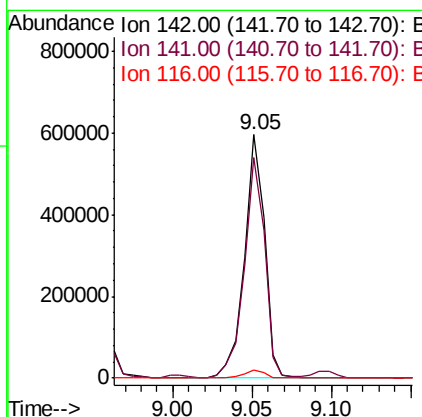
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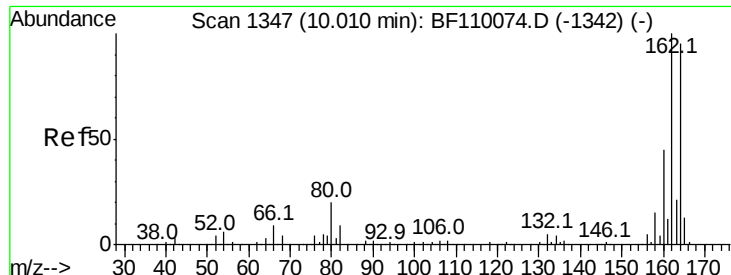
Sohil
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#38
1-Methylnaphthalene
Concen: 49.441 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	524949		
141	90.6	74.2	111.4	
116	3.5	2.6	4.0	





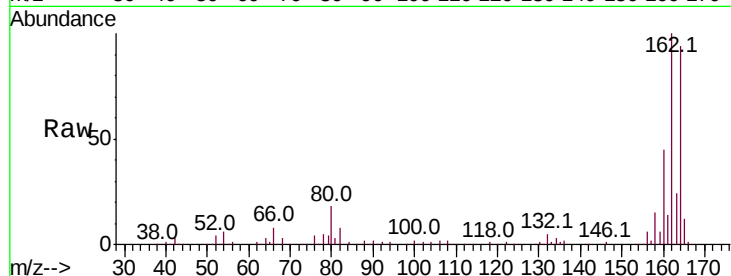
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.0	83.0	124.6	
160	47.5	37.0	55.6	

Manual Integrations
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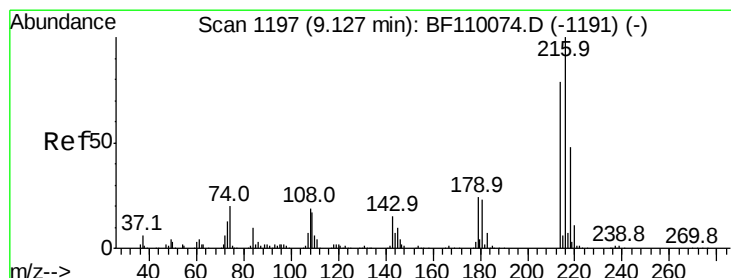
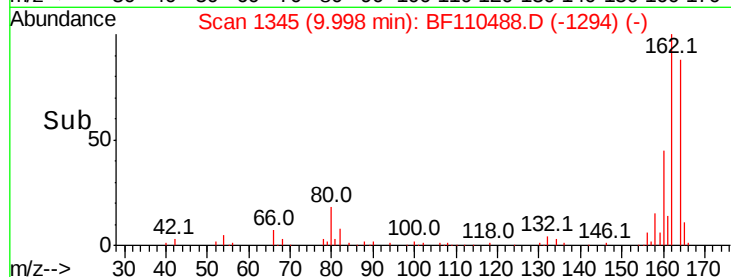
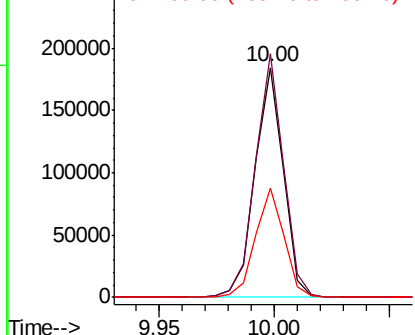


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.966 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	22.4	16.6	25.0	
108	20.2	15.1	22.7	

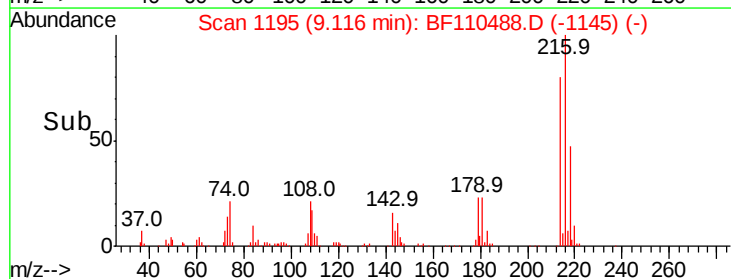
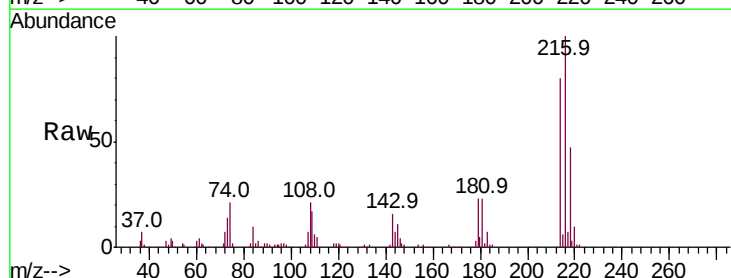
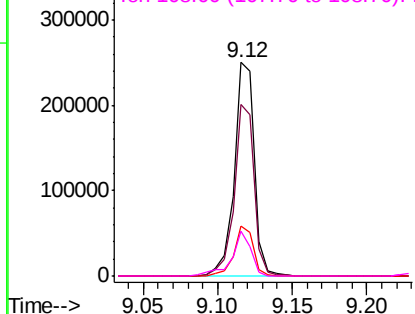
Abundance

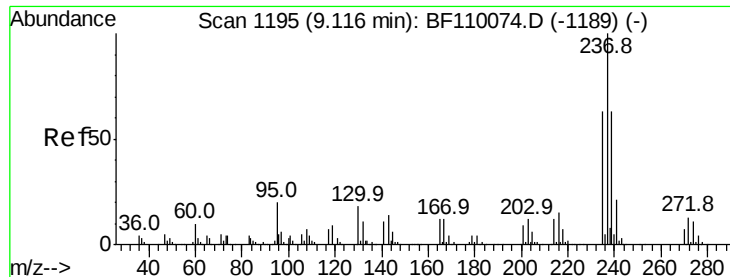
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 50.749 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

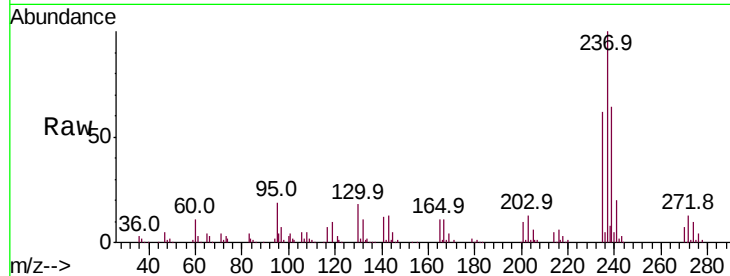
ClientSampleId :

PB114474BSD

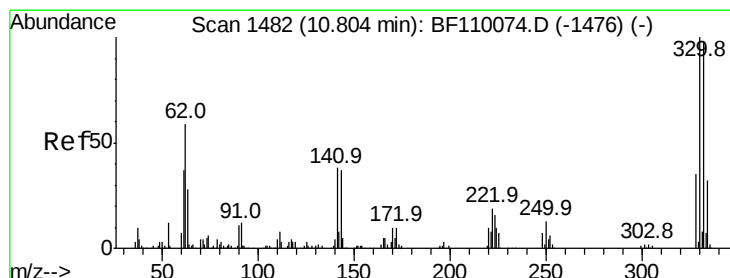
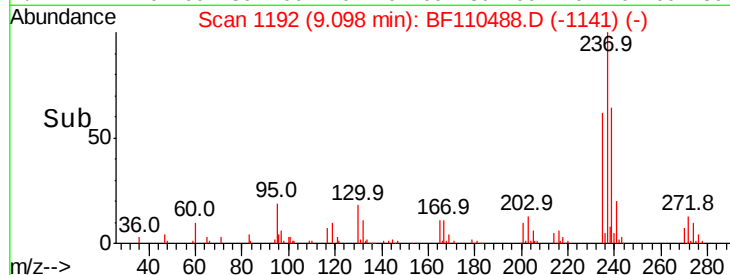
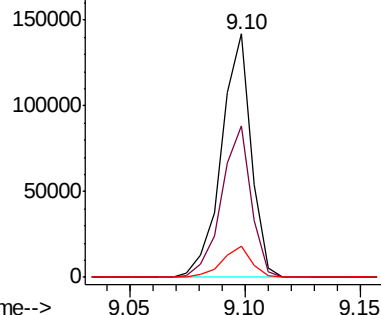
Tot Ion:	237	Resp:	128074
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.1	83.1
272	12.8	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 84.296 ng

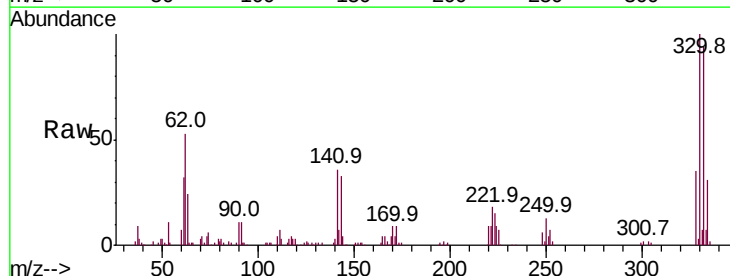
RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

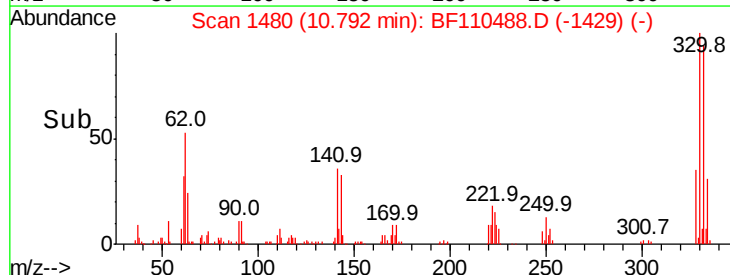
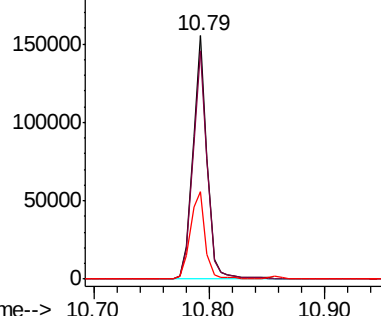
Lab File: BF110488.D

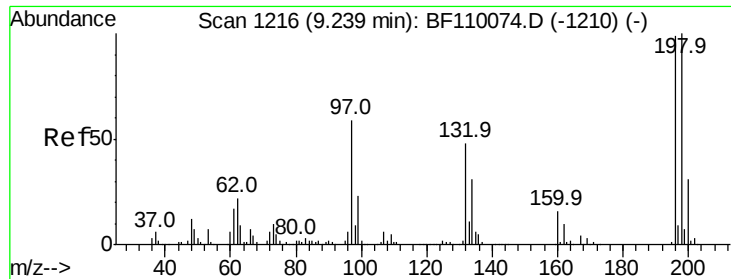
Acq: 6 Nov 2018 2:40

Tgt Ion:	330	Resp:	132268
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.1	115.7
141	37.8	27.0	40.4



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





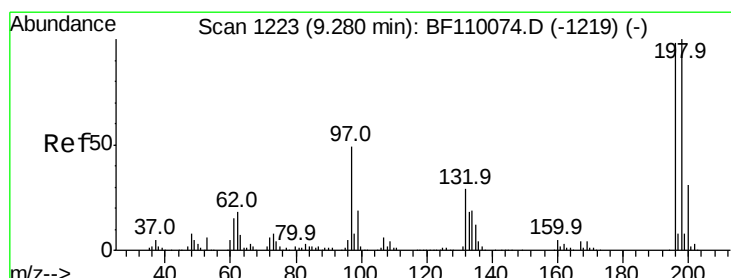
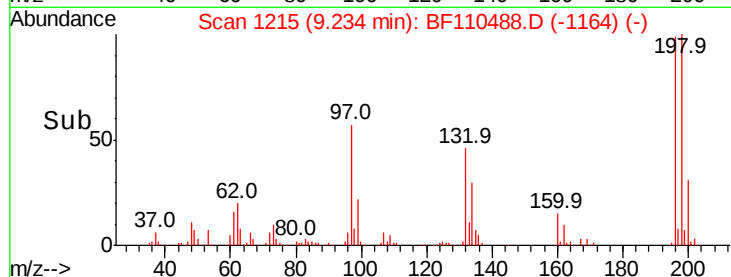
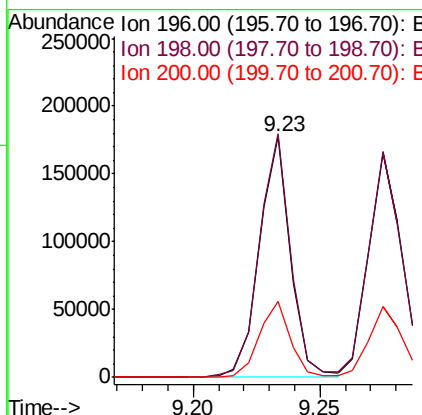
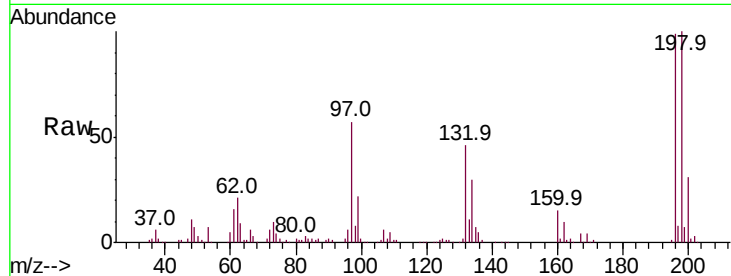
#43
 2,4,6-Trichlorophenol
 Concen: 48.016 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152852		
198	101.3	76.2	114.4	
200	31.6	24.4	36.6	

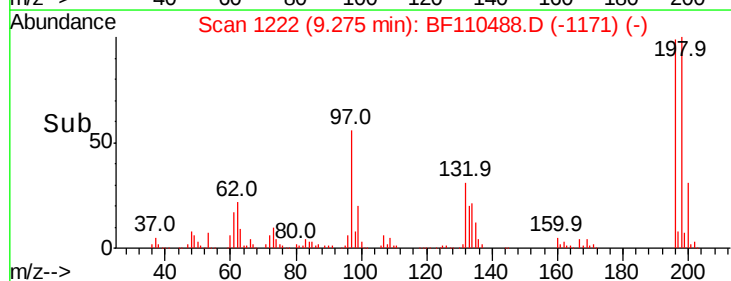
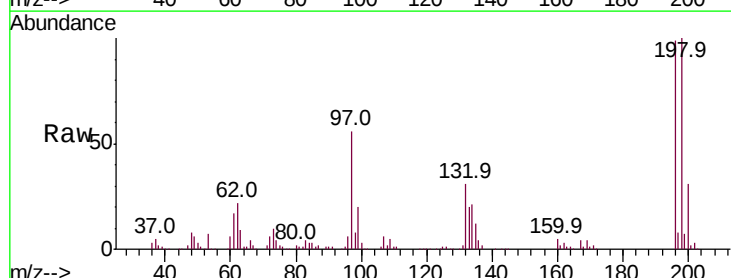
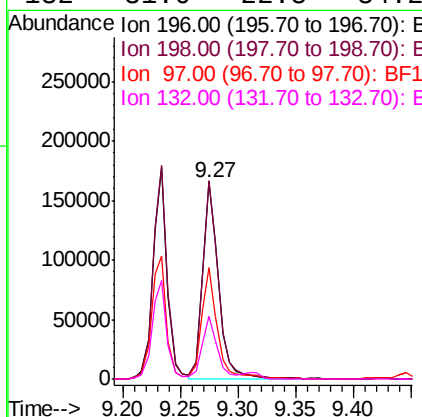
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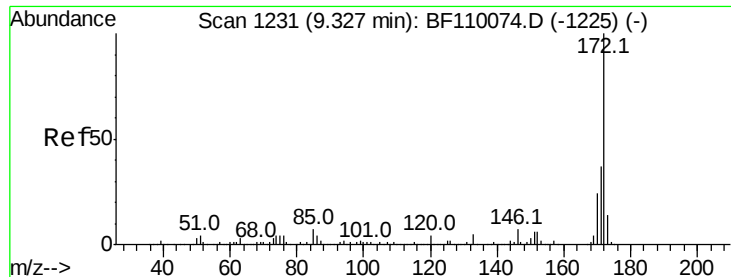
Sohil
 11/6/2018 9:01:23 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.164 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162068		
198	100.6	75.8	113.6	
97	56.7	42.4	63.6	
132	31.6	22.8	34.2	





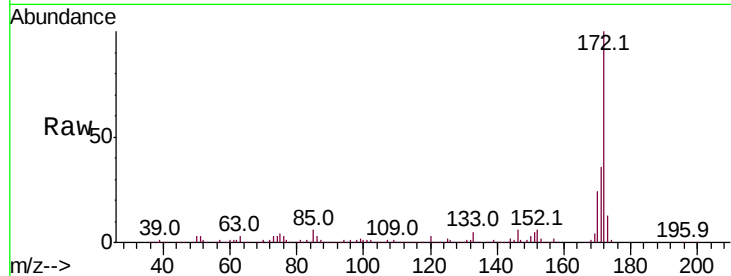
#45
2-Fluorobiphenyl
Concen: 108.723 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampled :
PB114474BSD

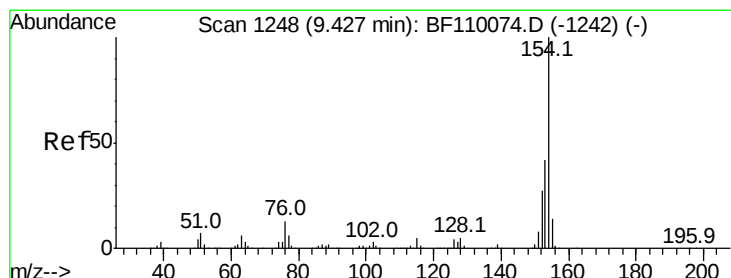
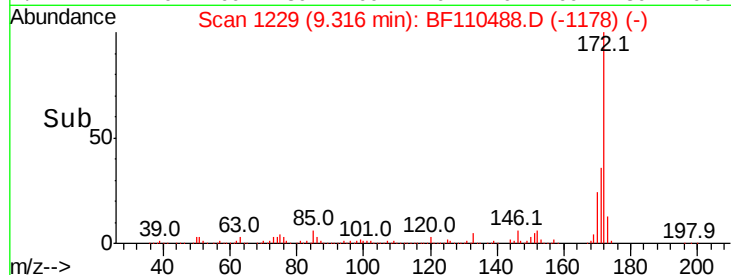
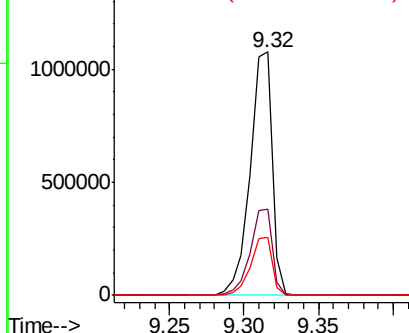
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

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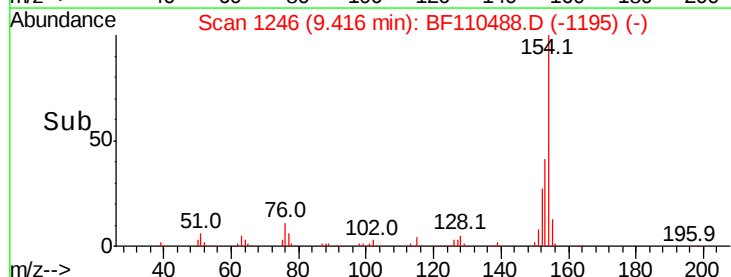
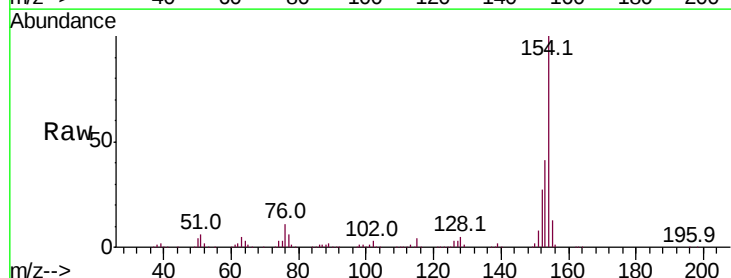
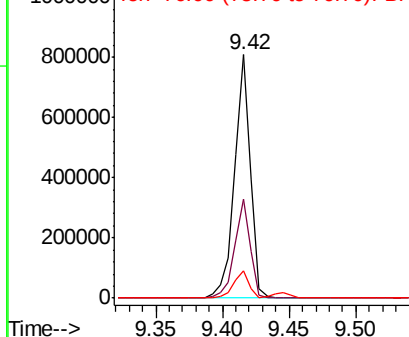
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

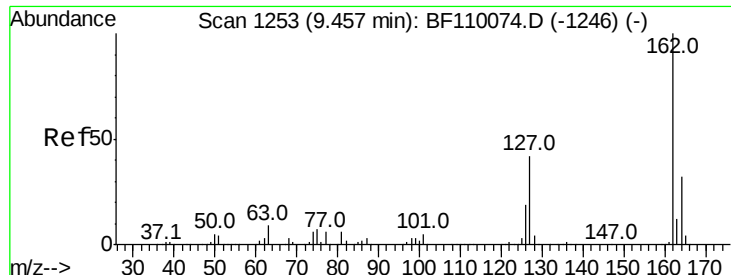


#46
1,1'-Biphenyl
Concen: 47.066 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.4	60.4
76	11.0	0.0	31.9

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 47.339 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

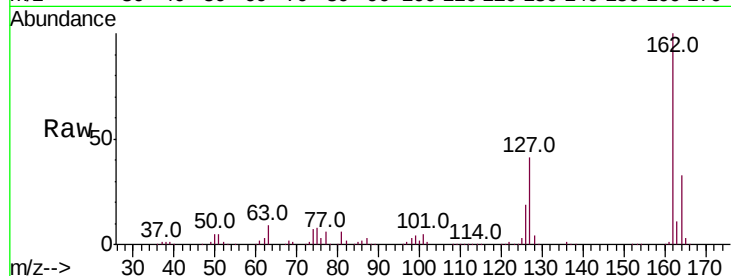
ClientSampleId :

PB114474BSD

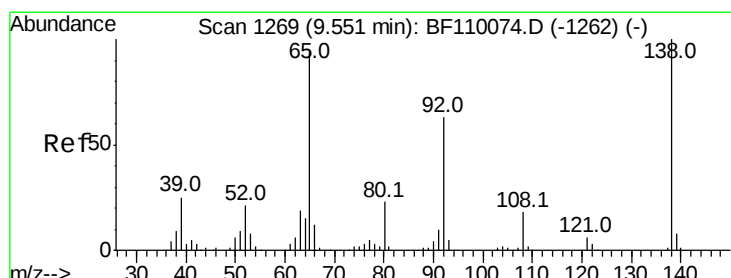
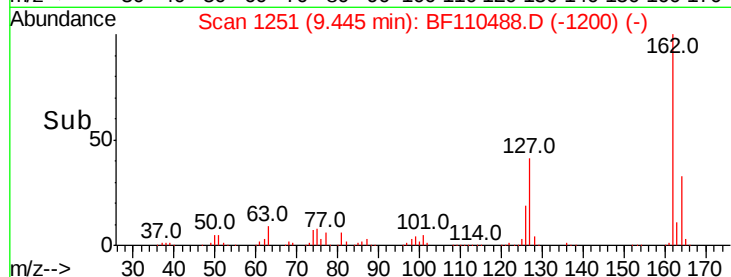
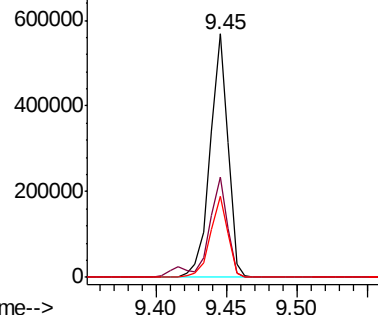
Tot Ion:	162	Resp:	497411
Ion Ratio	Lower	Upper	
162	100		
127	41.1	32.6	48.8
164	33.1	25.9	38.9

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



#48

2-Nitroaniline

Concen: 48.700 ng

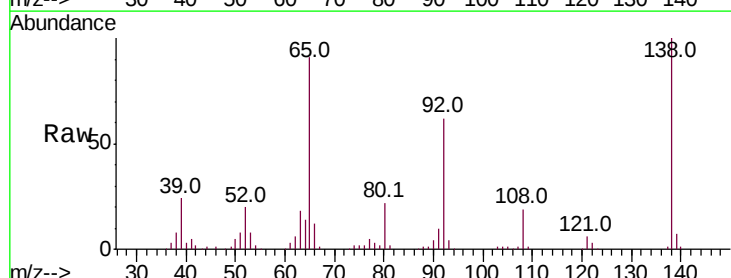
RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

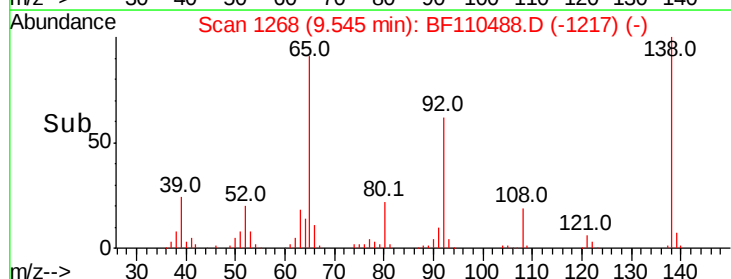
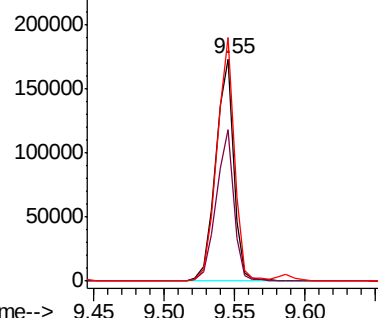
Lab File: BF110488.D

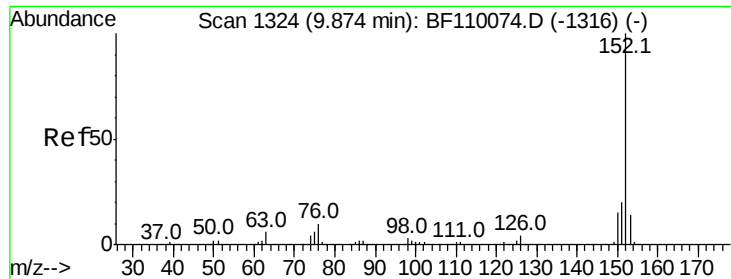
Acq: 6 Nov 2018 2:40

Tgt Ion:	65	Resp:	155064
Ion Ratio	Lower	Upper	
65	100		
92	68.1	54.6	81.8
138	109.5	80.3	120.5



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





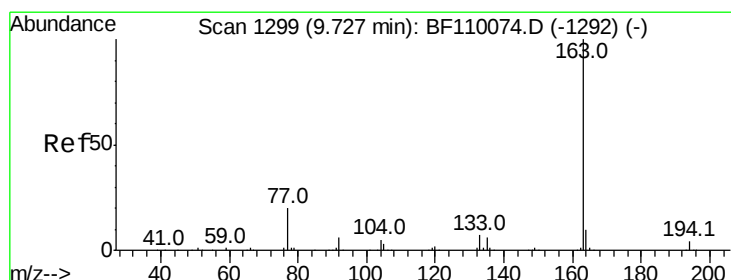
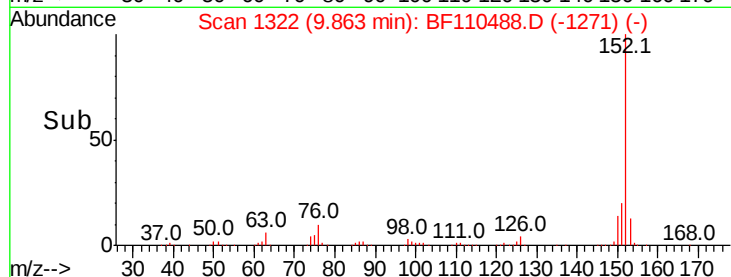
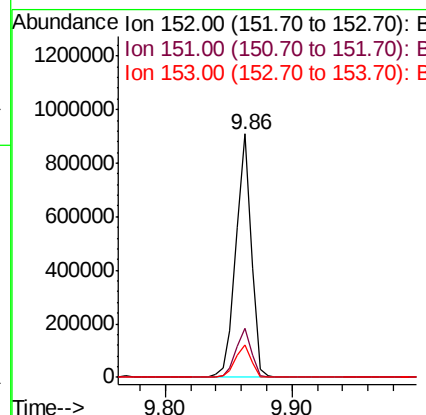
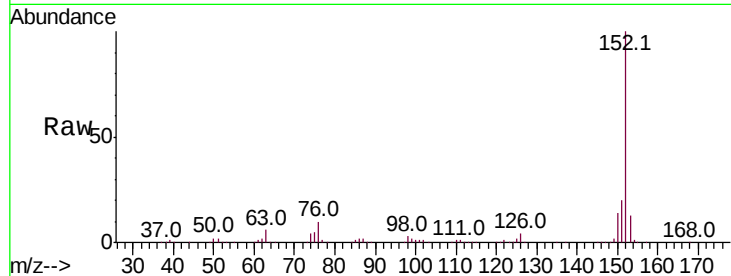
#49
Acenaphthylene
Concen: 49.966 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.4	10.4	15.6

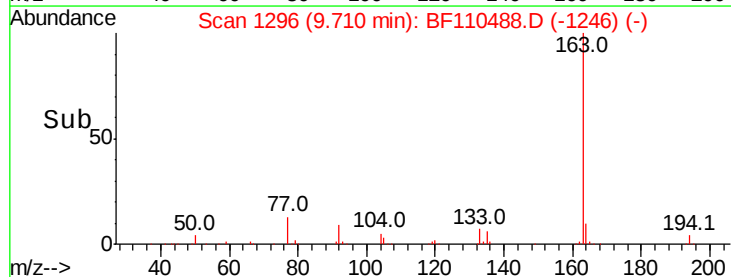
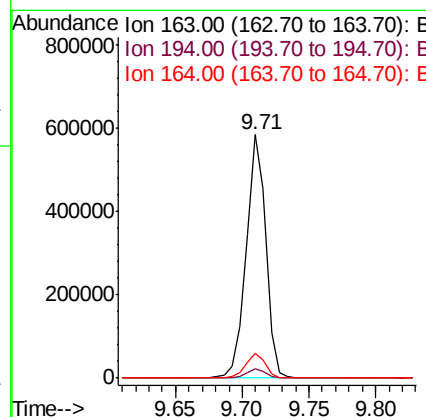
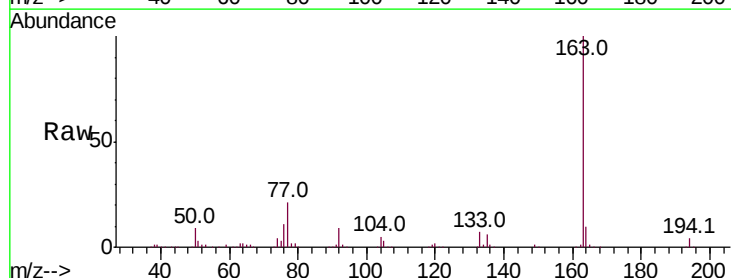
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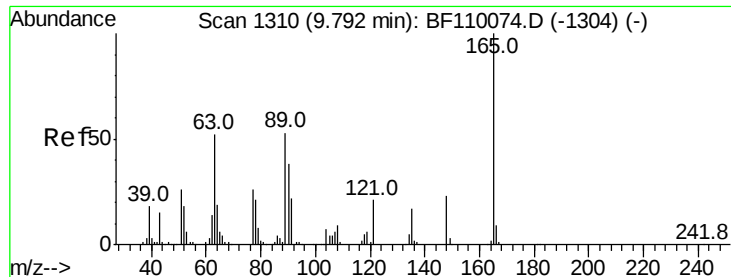
Sohil
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#50
Dimethylphthalate
Concen: 50.645 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.3	8.1	12.1





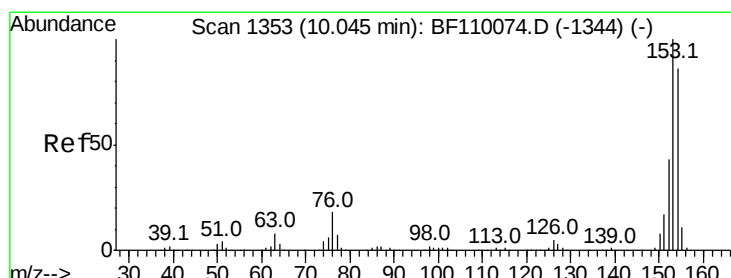
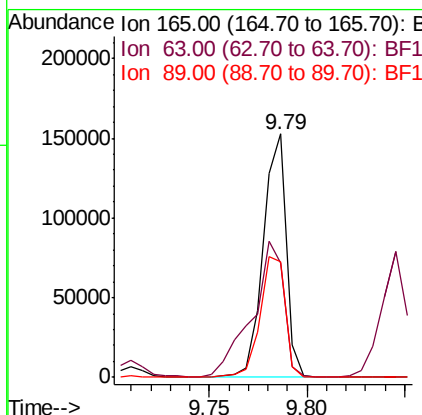
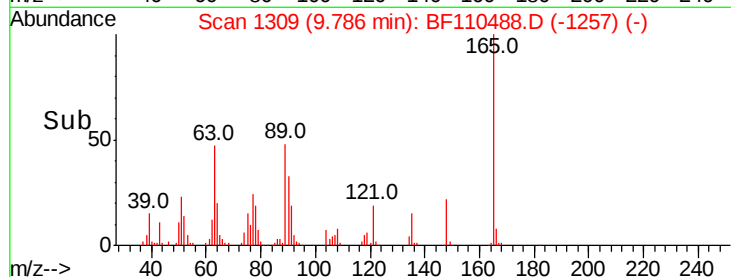
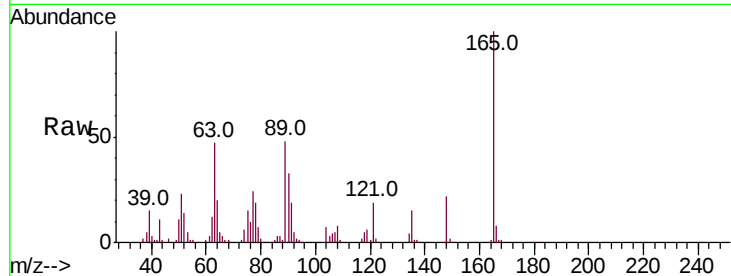
#51
2,6-Dinitrotoluene
Concen: 49.648 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.2	48.9	73.3#	
89	47.6	46.6	69.8	

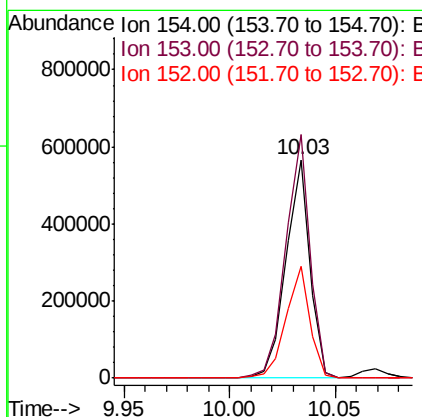
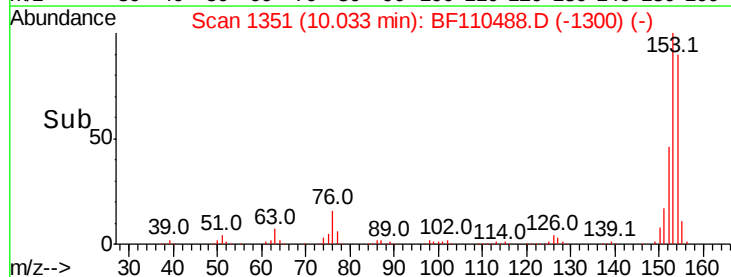
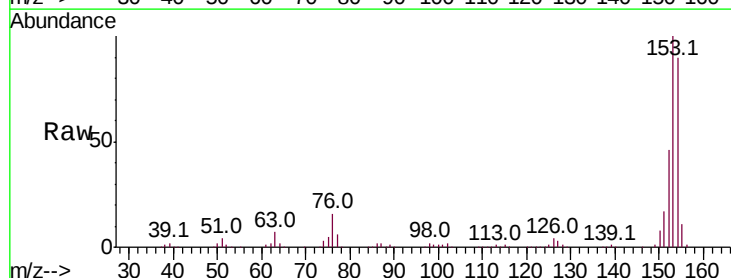
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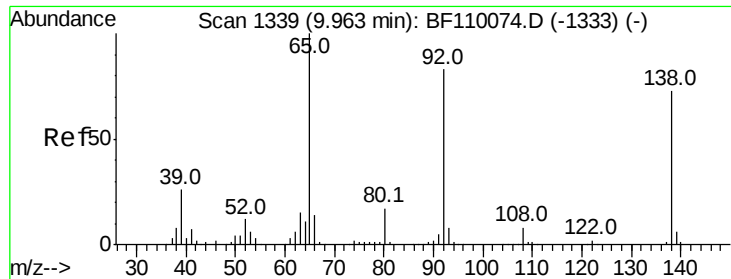
Sohil
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#52
Acenaphthene
Concen: 44.954 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	111.5	90.1	135.1	
152	51.3	43.4	65.2	





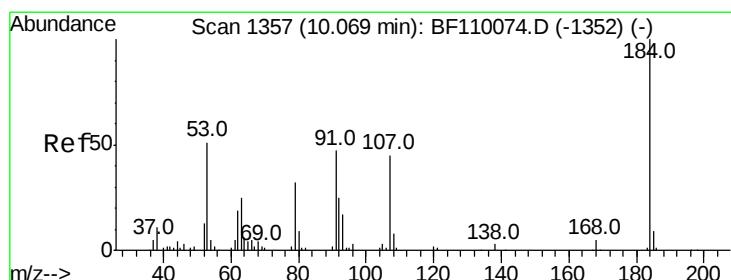
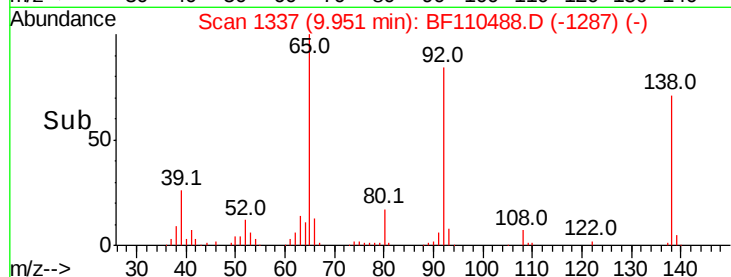
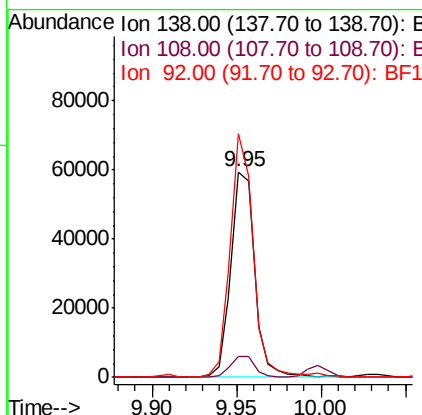
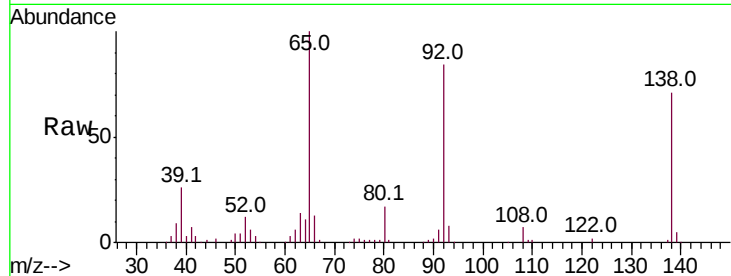
#53
3-Nitroaniline
Concen: 19.441 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.7	13.1
92	118.6	97.0	145.4

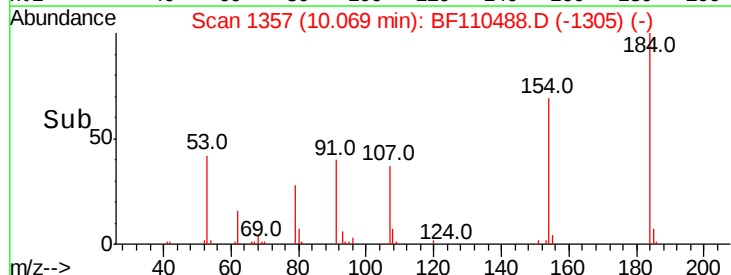
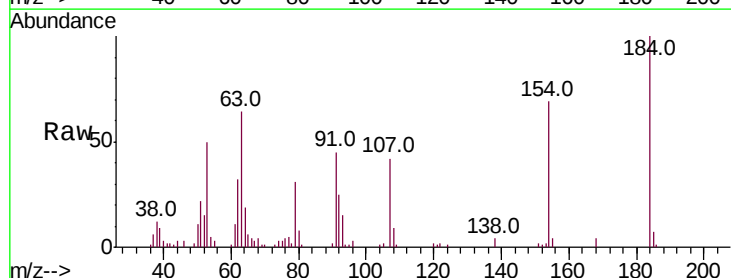
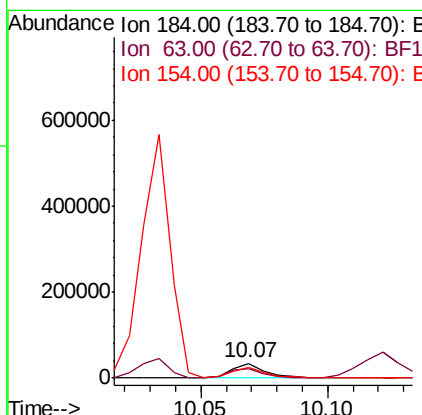
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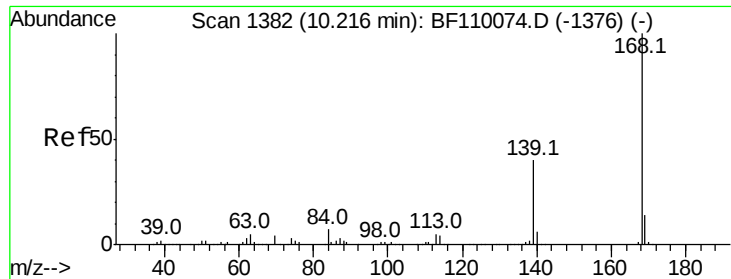
Sohil
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#54
2,4-Dinitrophenol
Concen: 35.122 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.9	55.8	83.6
154	68.8	63.2	94.8





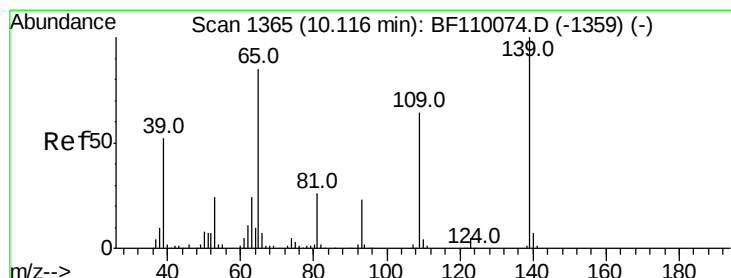
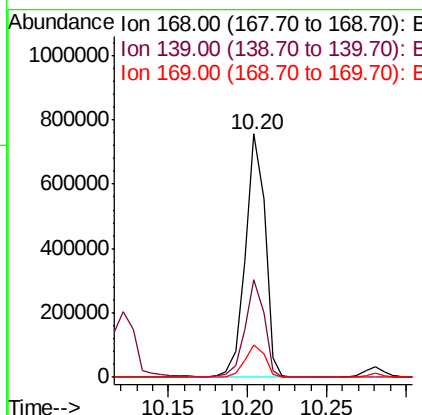
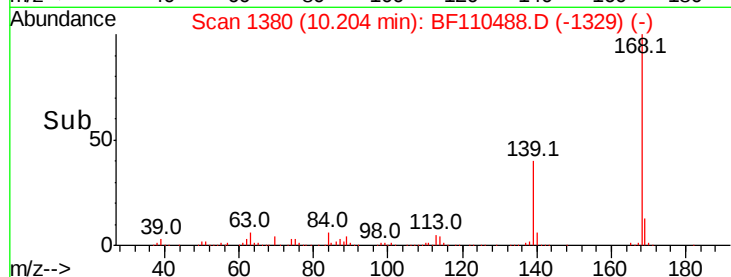
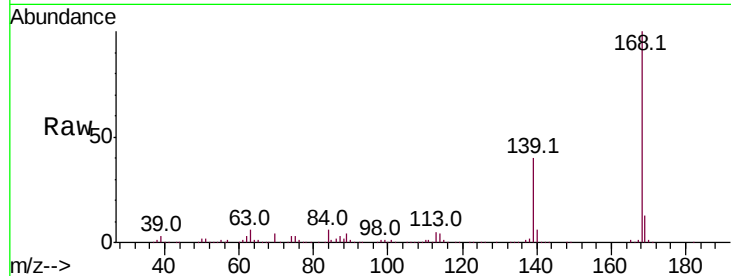
#55
Dibenzofuran
Concen: 46.327 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleID :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.3	33.0	49.6
169	13.4	11.3	16.9

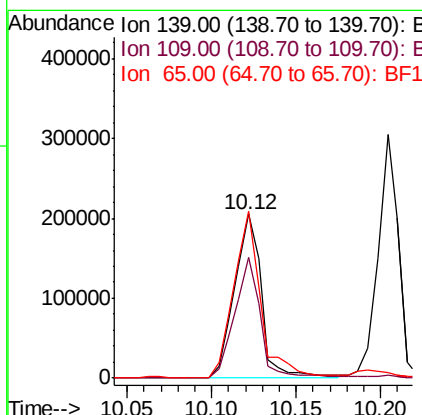
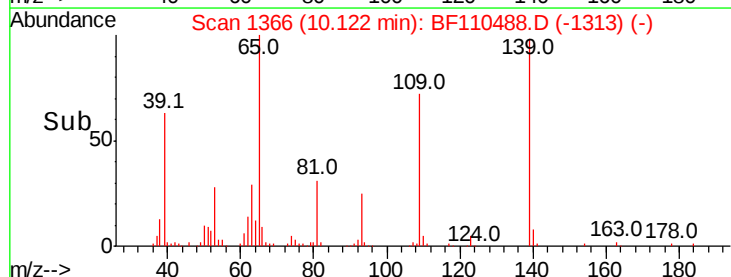
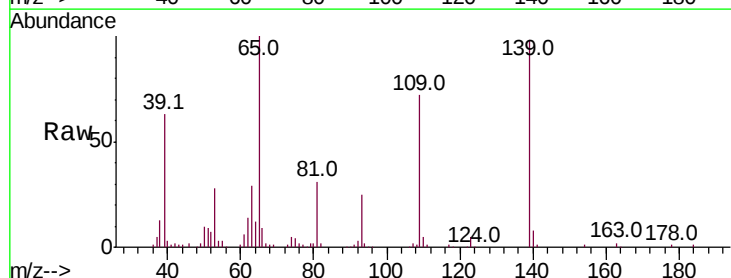
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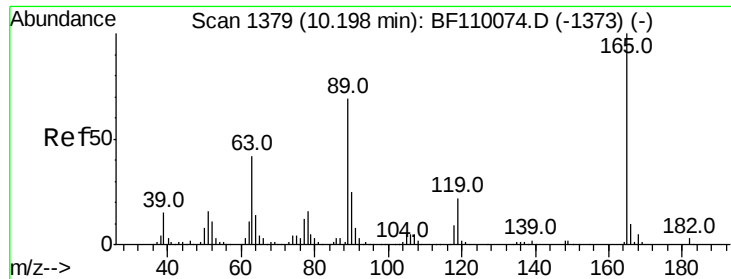
Sohil
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#56
4-Nitrophenol
Concen: 102.577 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	55.8	95.8
65	102.0	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 48.353 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

ClientSampleId :

PB114474BSD

Tot Ion:165 Resp: 154690

Ion Ratio Lower Upper

165 100

63 49.5 44.8 67.2

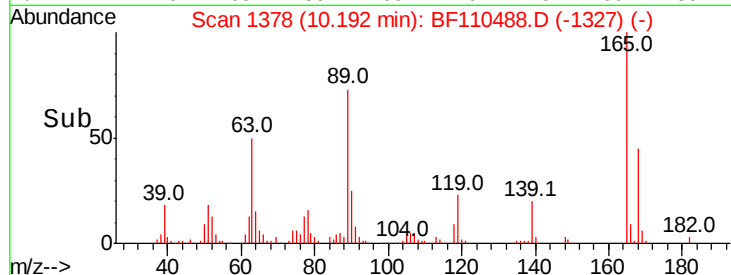
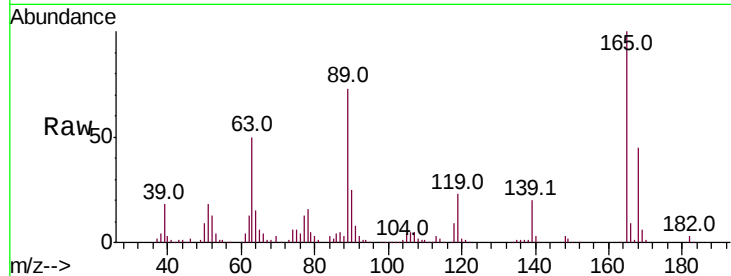
89 72.9 62.2 93.4

182 2.5 2.1 3.1

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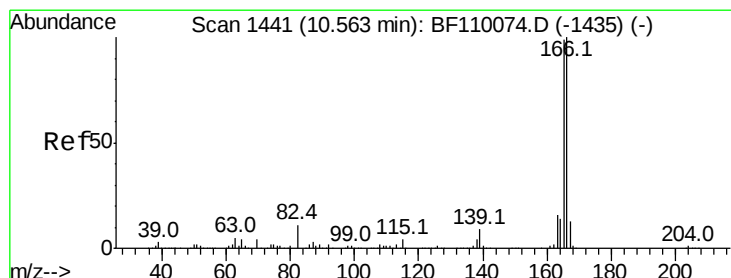
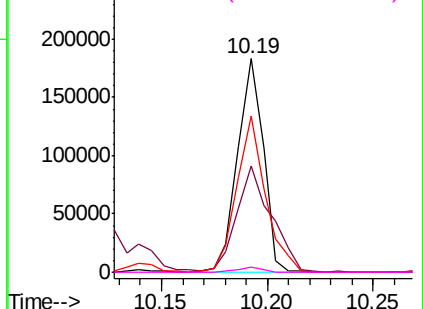


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 49.184 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

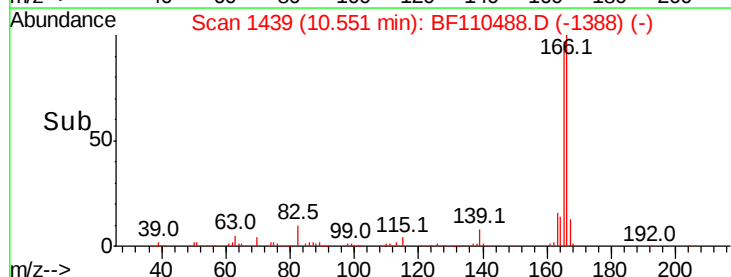
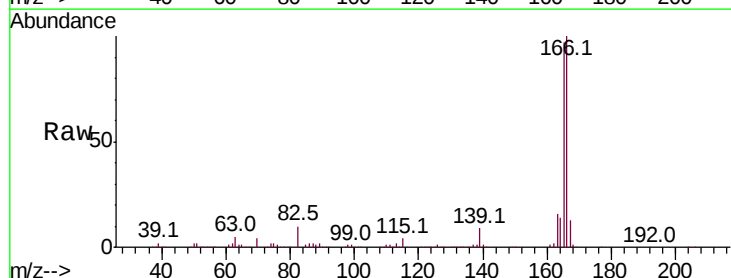
Tgt Ion:166 Resp: 514538

Ion Ratio Lower Upper

166 100

165 97.1 78.6 117.8

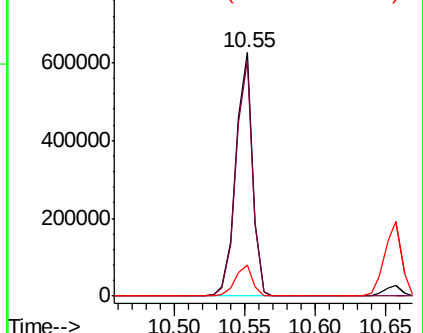
167 13.0 10.8 16.2

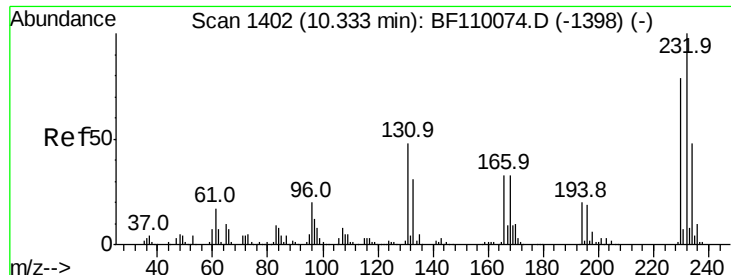


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





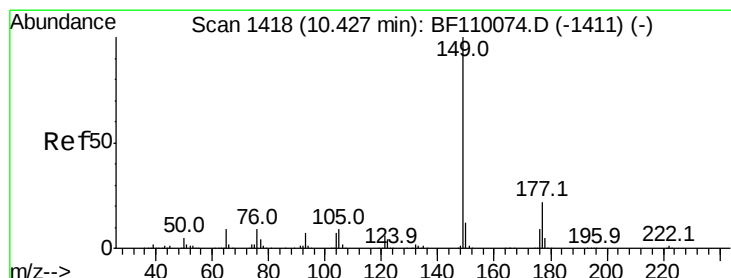
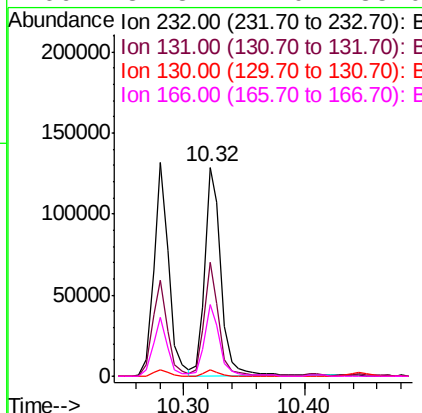
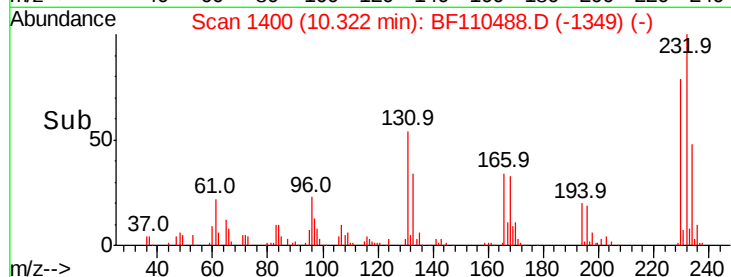
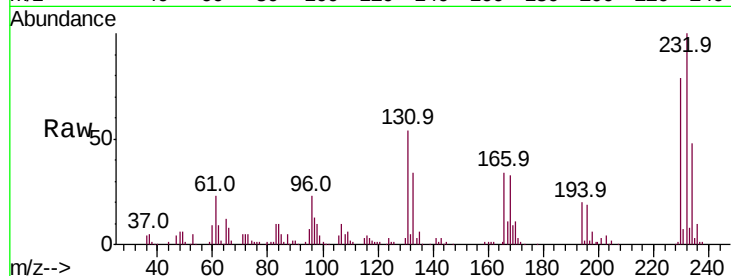
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.796 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120118		
131	48.8		37.0	55.4
130	2.5		1.8	2.6
166	31.8		22.0	33.0

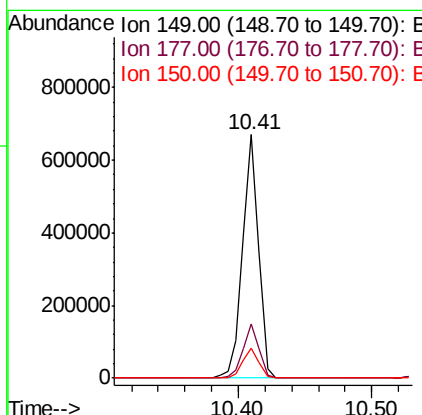
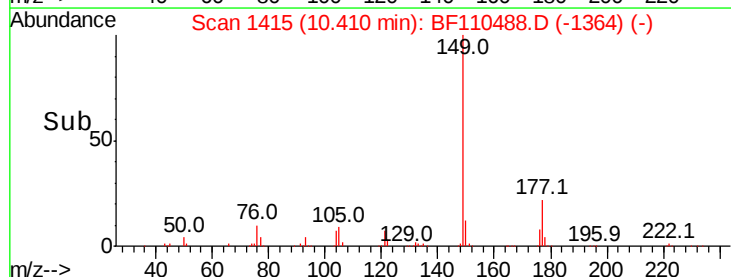
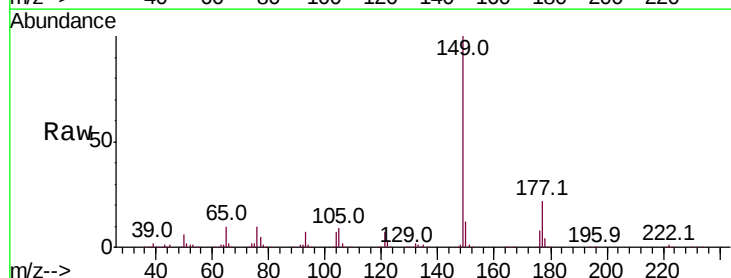
Manual Integrations
 APPROVED

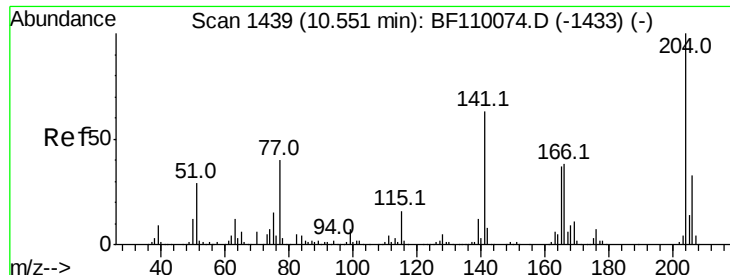
Sohil
 11/6/2018 9:01:23 AM



#60
 Diethylphthalate
 Concen: 48.927 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	558465		
177	22.1		17.4	26.2
150	12.5		9.8	14.8





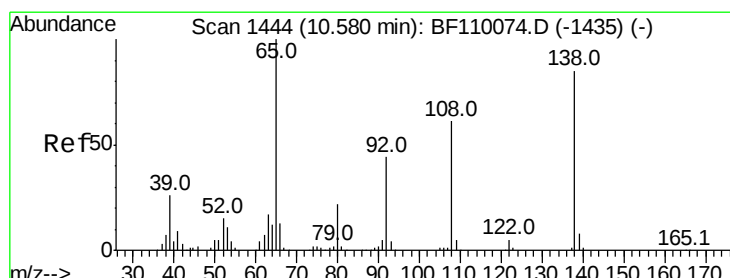
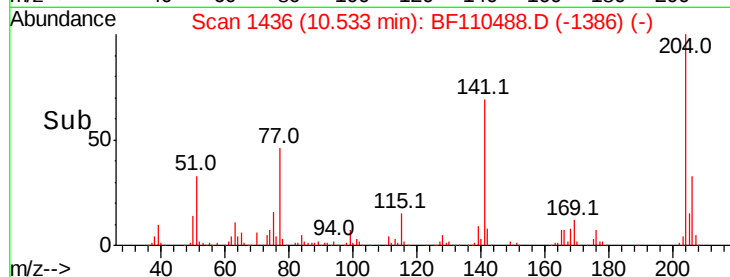
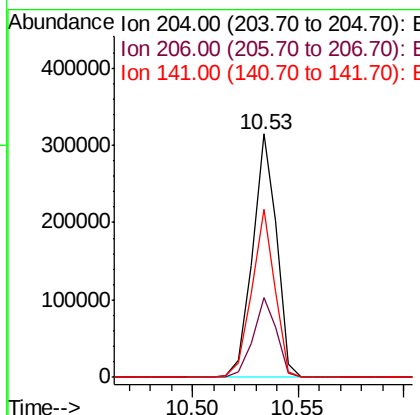
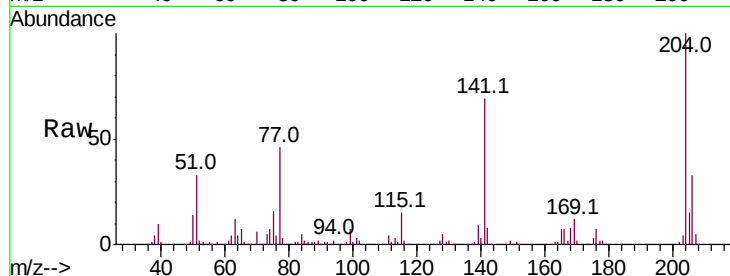
#61
4-Chlorophenyl-phenylether
Concen: 45.115 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	69.2	51.8	77.8

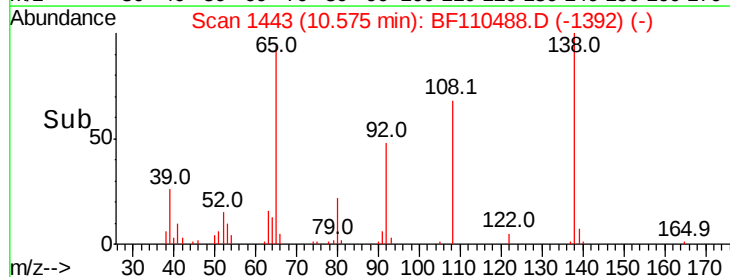
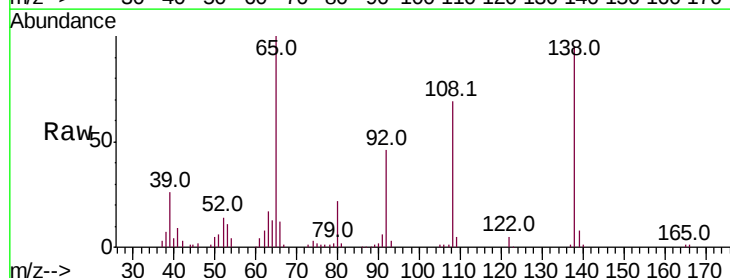
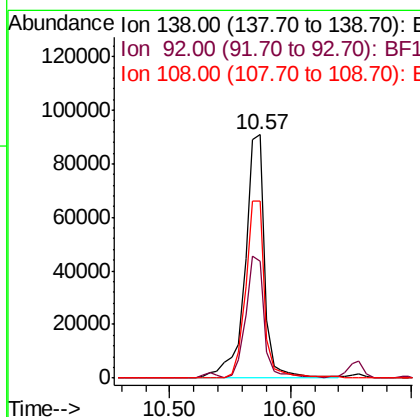
Manual Integrations
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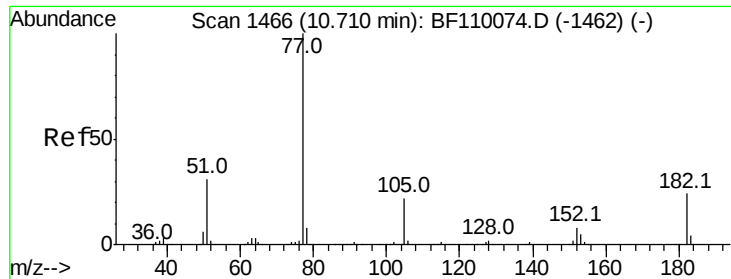
Sohil
11/6/2018 9:01:23 AM



#62
4-Nitroaniline
Concen: 34.716 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	31.7	71.7
108	72.6	59.3	99.3





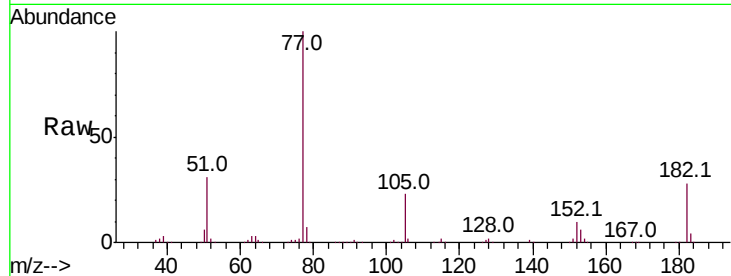
#63
Azobenzene
Concen: 45.189 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.3	4.3	44.3	
105	23.1	1.3	41.3	
51	30.6	9.0	49.0	

Manual Integrations
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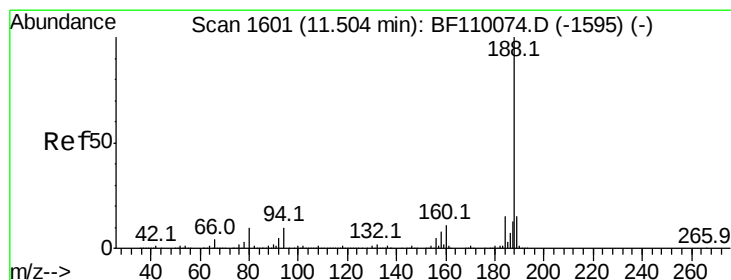
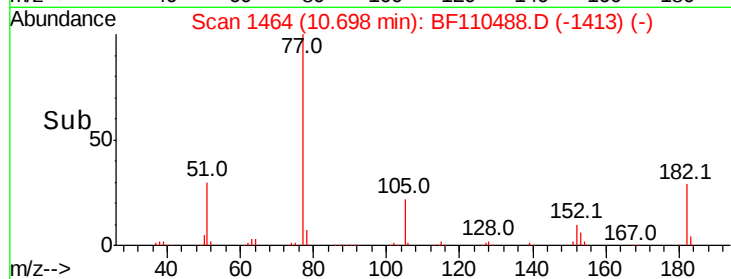
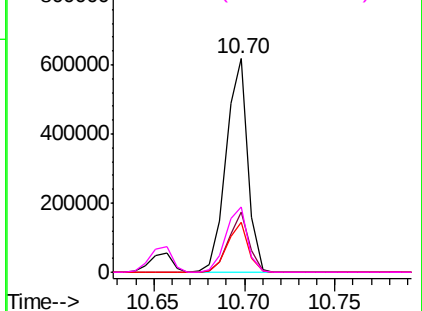
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

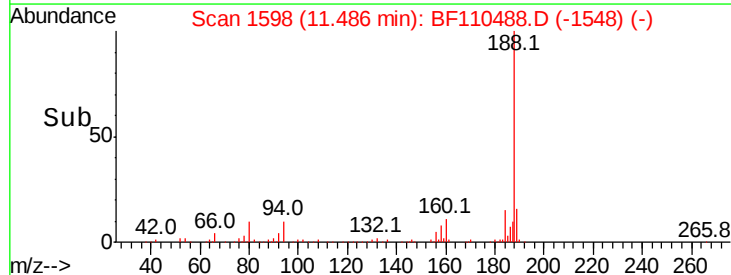
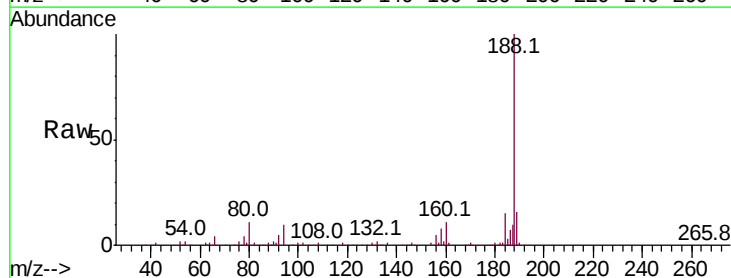
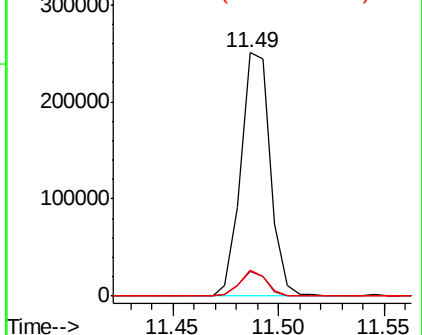
Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.9	7.2	10.8	
80	10.6	7.9	11.9	

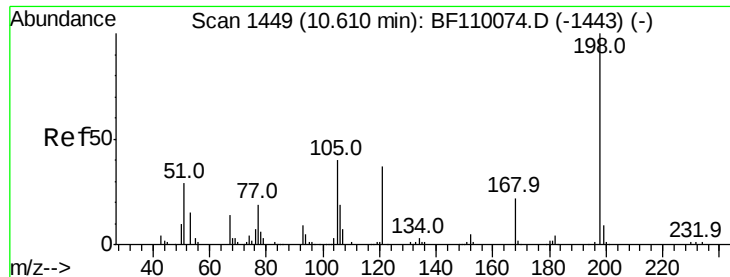
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





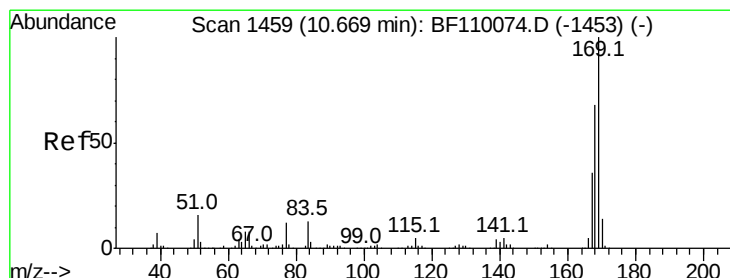
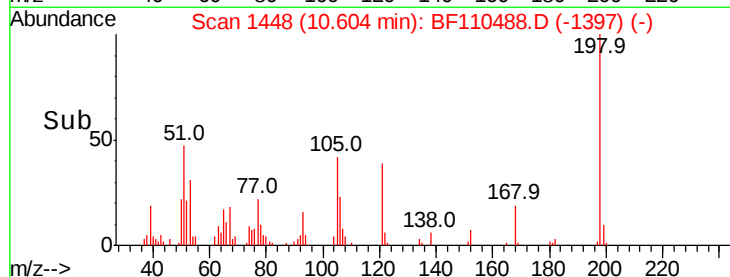
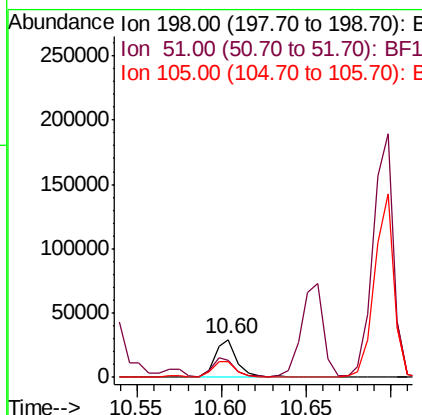
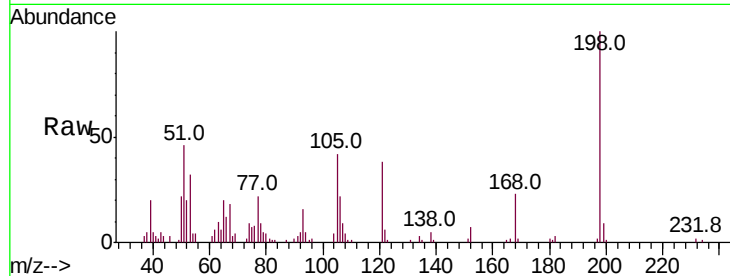
#65
4,6-Dinitro-2-methylphenol
Concen: 24.704 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	46.0	22.8	62.8
105	41.6	23.6	63.6

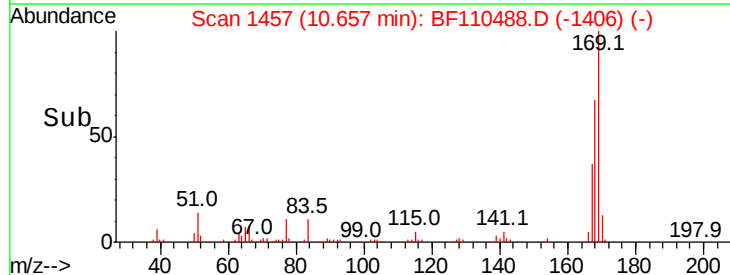
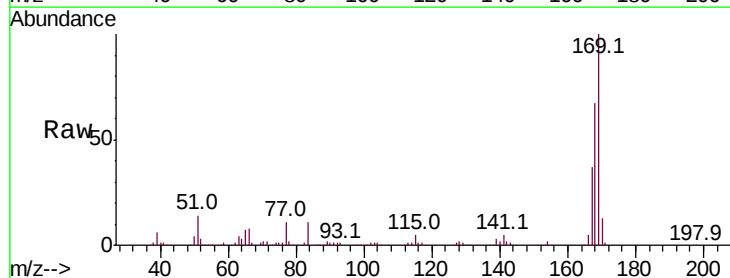
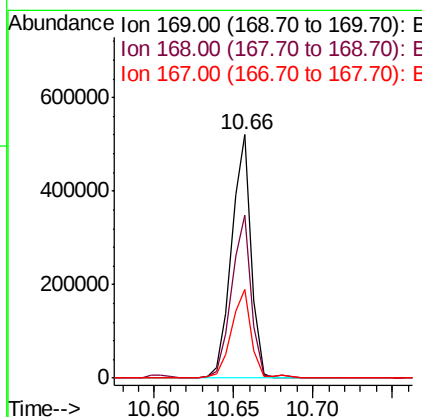
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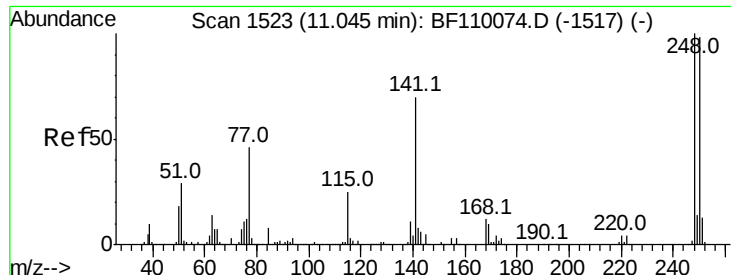
Sohil
11/6/2018 9:01:23 AM



#66
n-Nitrosodiphenylamine
Concen: 55.935 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	51.2	76.8
167	36.6	27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 53.516 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

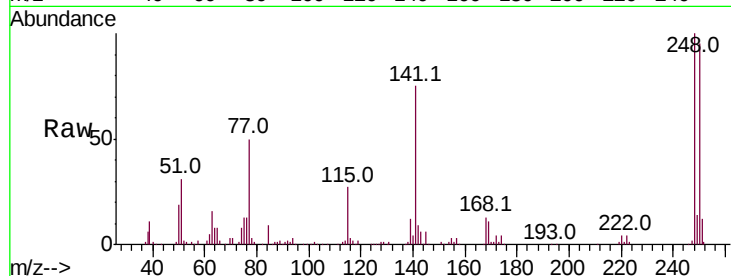
ClientSampleId :

PB114474BSD

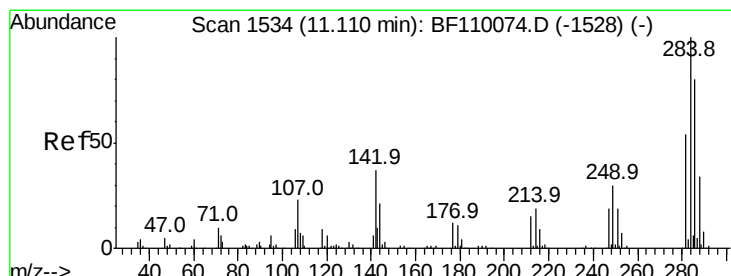
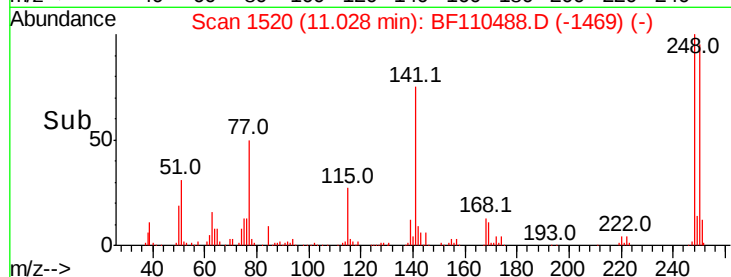
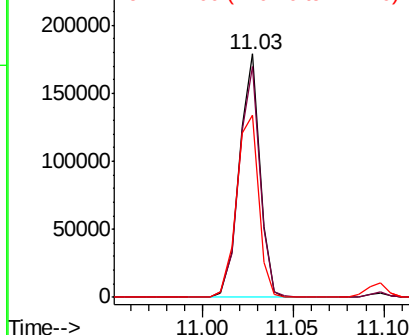
Tot Ion:	248	Resp:	140697
Ion Ratio	Lower	Upper	
248	100		
250	94.6	79.4	119.2
141	74.9	55.9	83.9

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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



#68

Hexachlorobenzene

Concen: 49.162 ng

RT: 11.10 min Scan# 1532

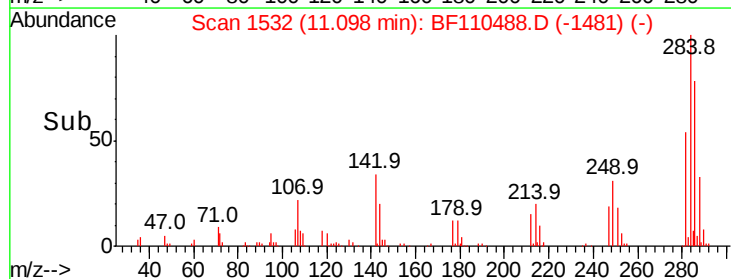
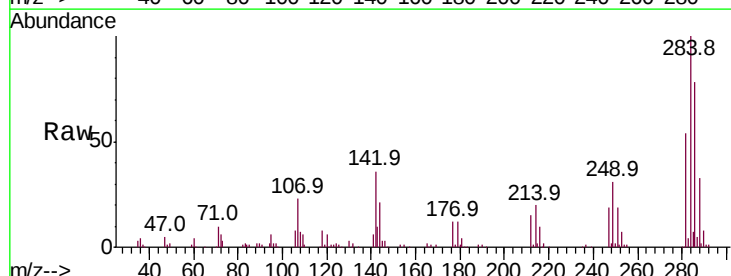
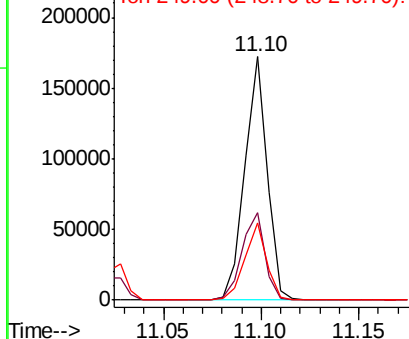
Delta R.T. 0.00 min

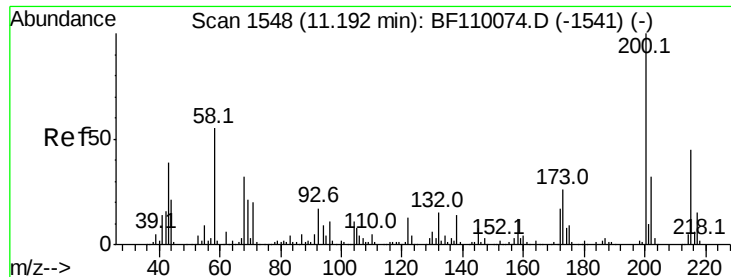
Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	284	Resp:	137138
Ion Ratio	Lower	Upper	
284	100		
142	35.9	23.9	35.9#
249	31.5	24.2	36.2

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





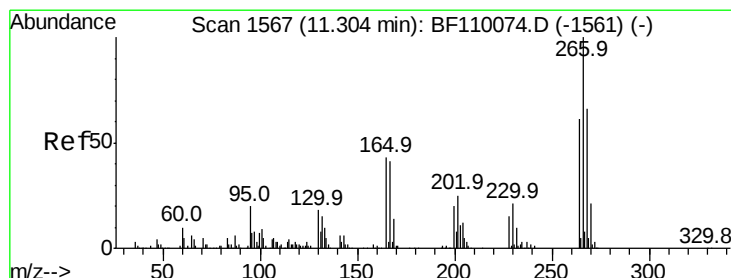
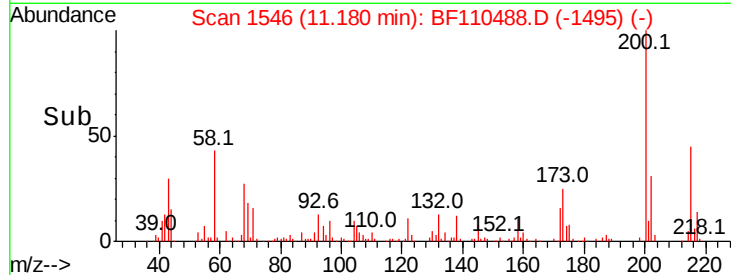
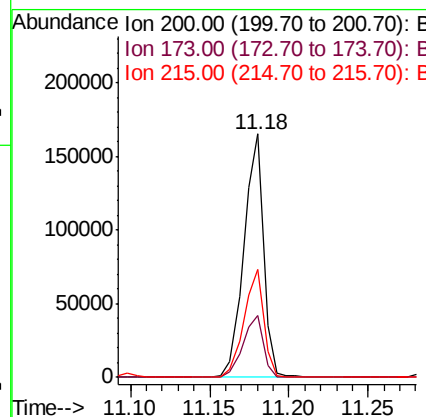
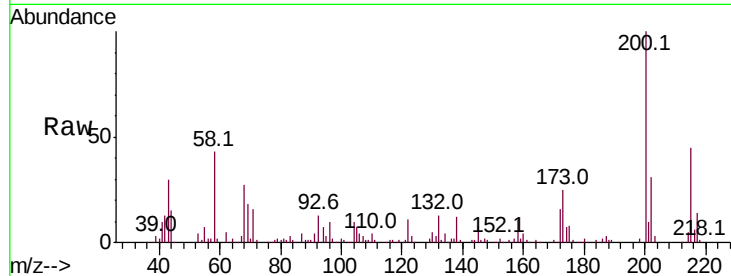
#69
Atrazine
Concen: 56.772 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	6.6	46.6
215	44.5	26.3	66.3

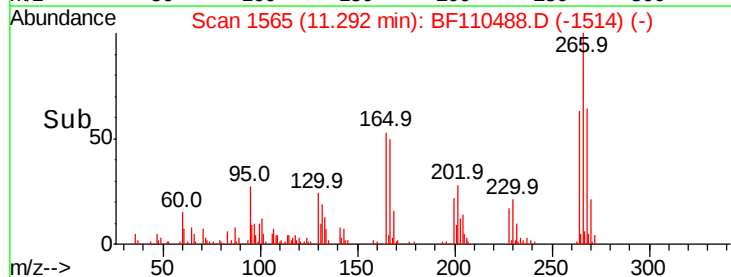
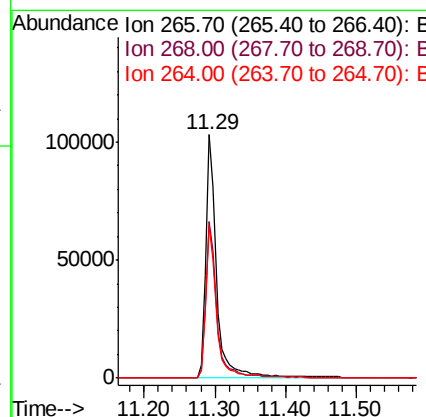
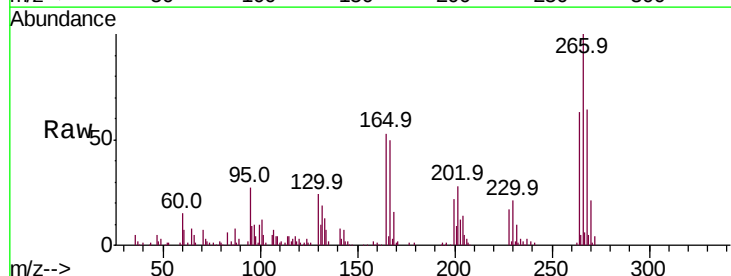
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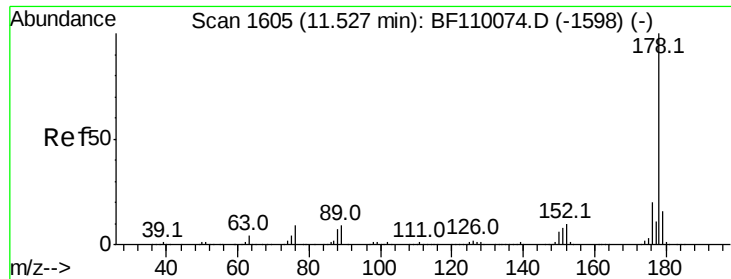
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#70
Pentachlorophenol
Concen: 69.314 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	50.6	75.8
264	62.8	50.6	75.8





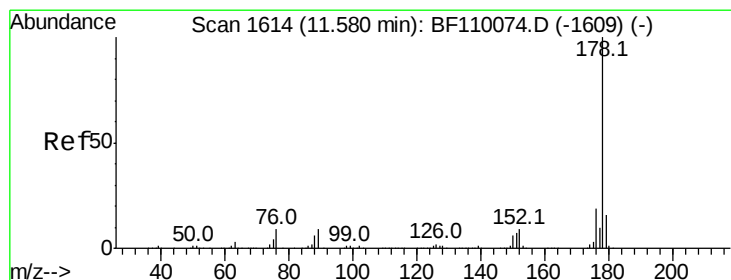
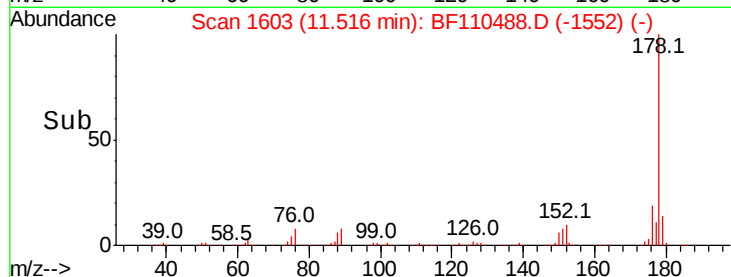
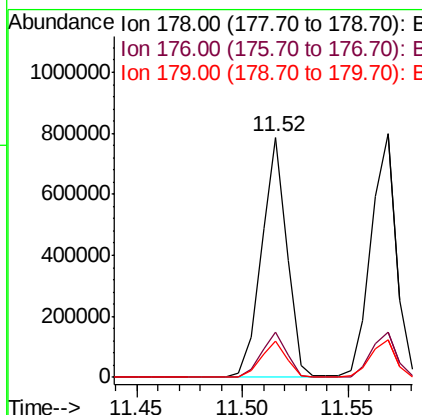
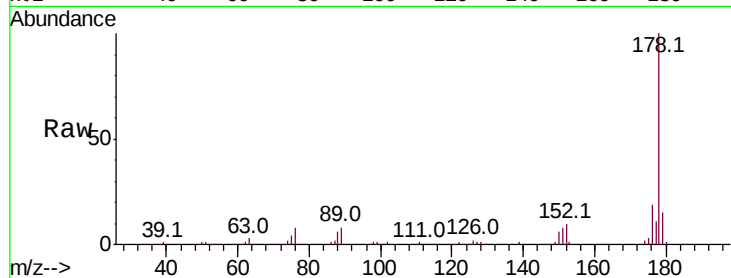
#71
Phenanthrene
Concen: 51.684 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.1	12.5	18.7

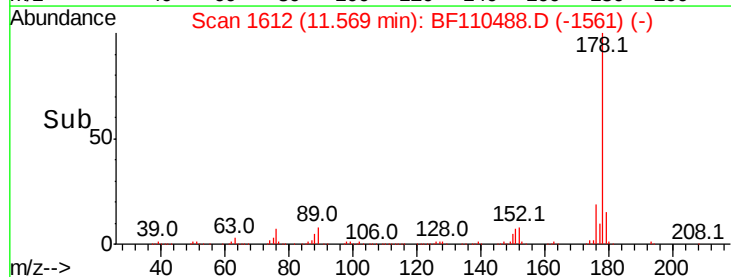
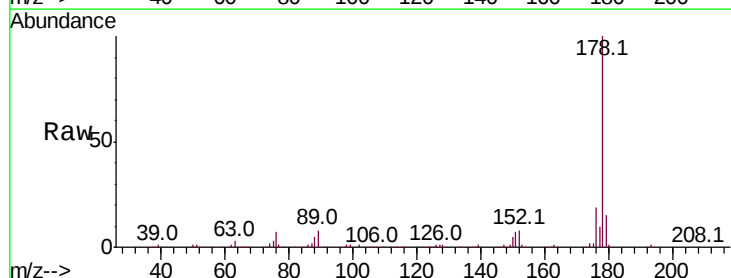
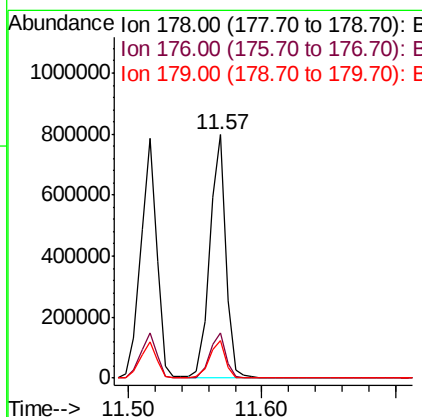
Manual Integrations
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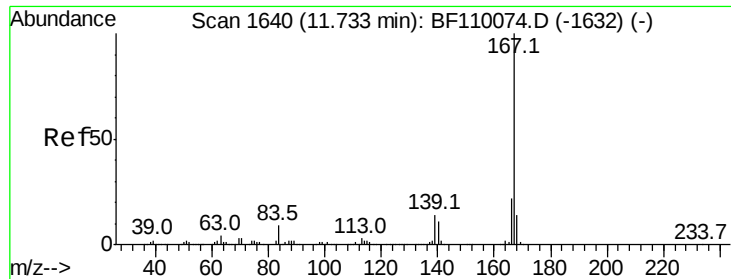
Sohil
11/6/2018 9:01:23 AM



#72
Anthracene
Concen: 52.654 ng
RT: 11.57 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.4	12.6	18.8





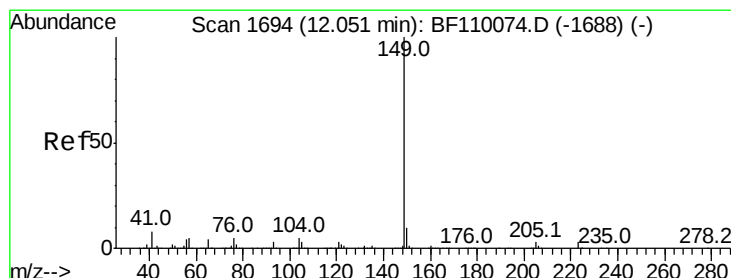
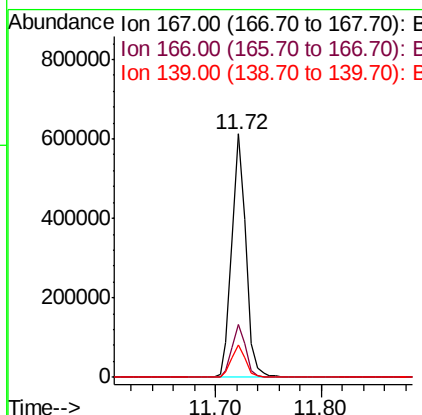
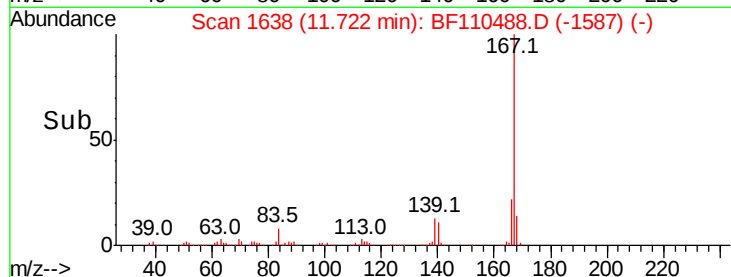
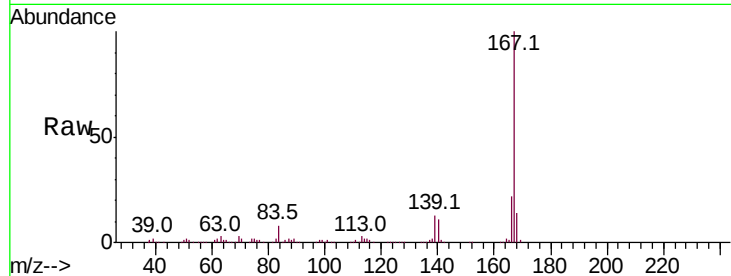
#73
 Carbazole
 Concen: 45.282 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion:	167	Resp:	562034
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.4	26.0
139	13.1	10.9	16.3

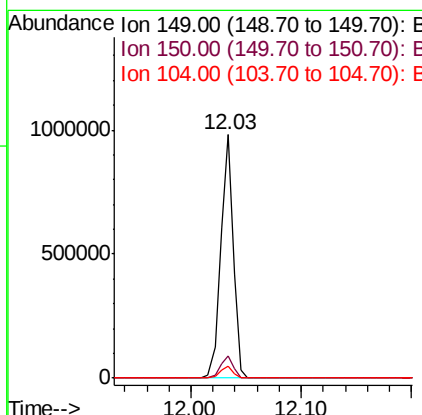
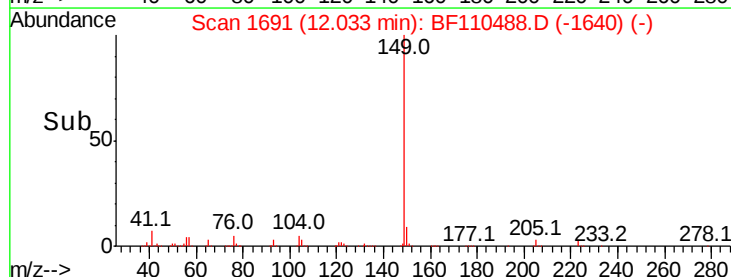
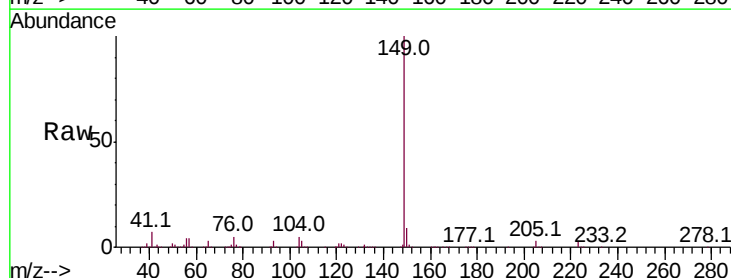
Manual Integrations
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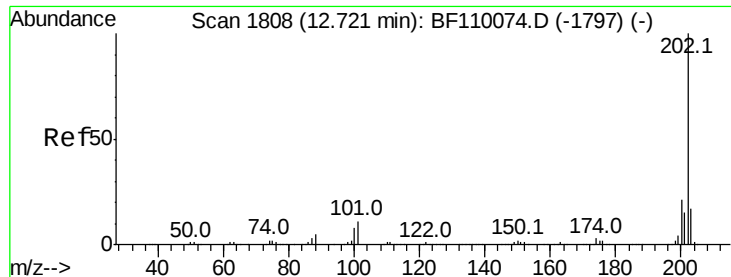
Sohil
 11/6/2018 9:01:23 AM



#74
 Di-n-butylphthalate
 Concen: 55.173 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion:	149	Resp:	773406
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	5.1	4.2	6.4





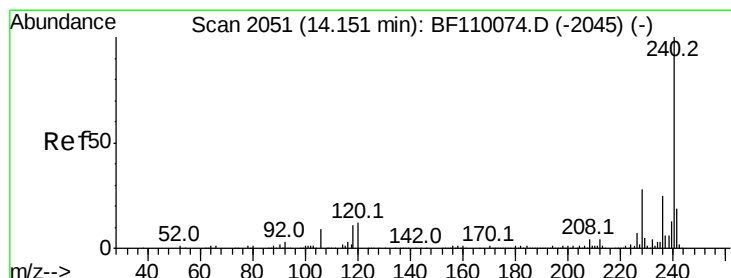
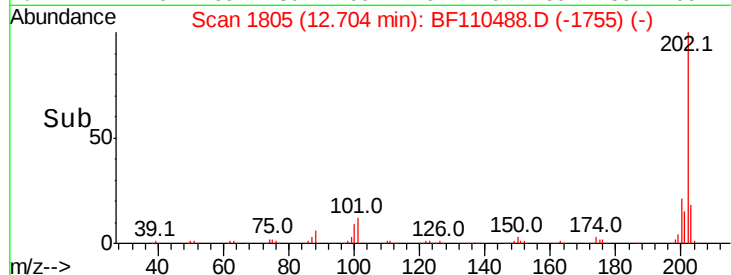
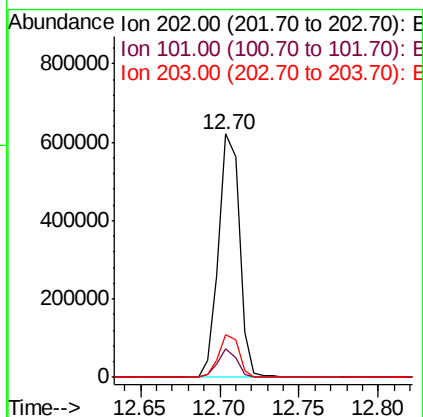
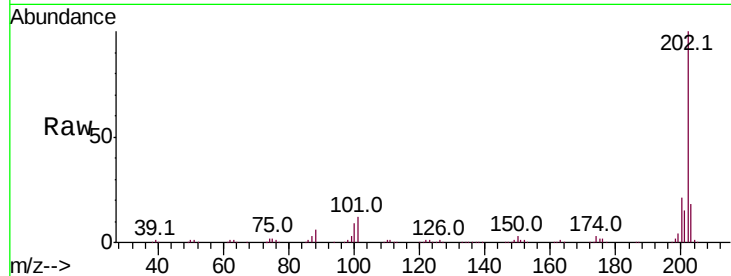
#75
Fluoranthene
 Concen: 44.732 ng
 RT: 12.70 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	0.0	31.4
203	17.5	0.0	37.7

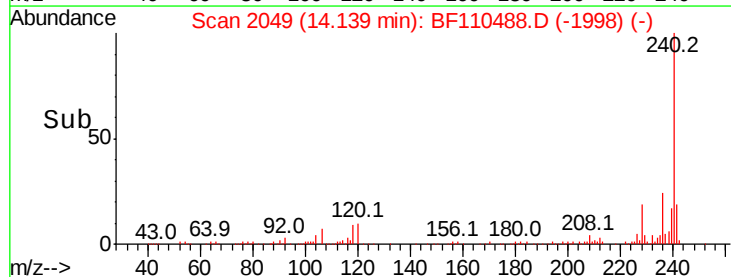
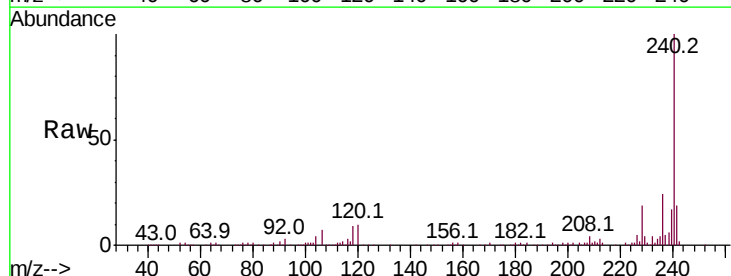
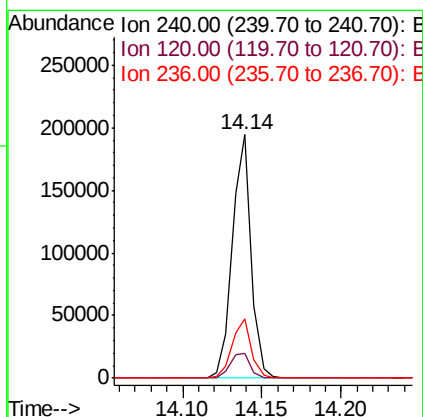
Manual Integrations
 APPROVED

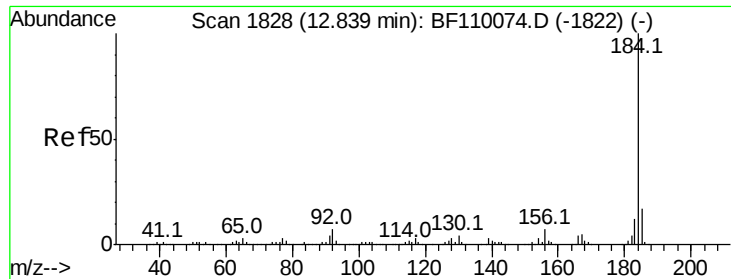
Sohil
 11/6/2018 9:01:23 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	8.3	12.5
236	24.1	21.2	31.8





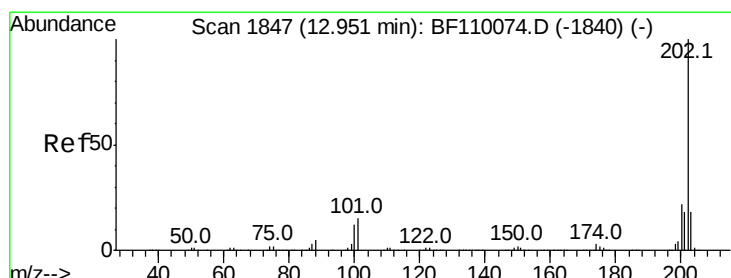
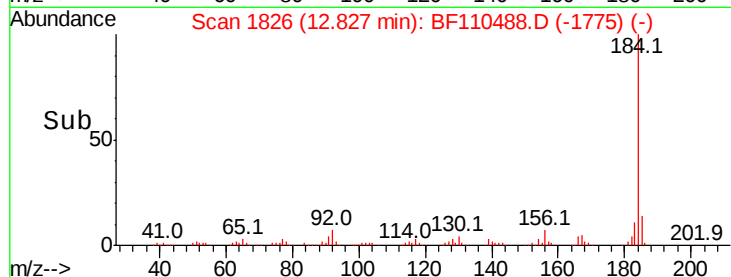
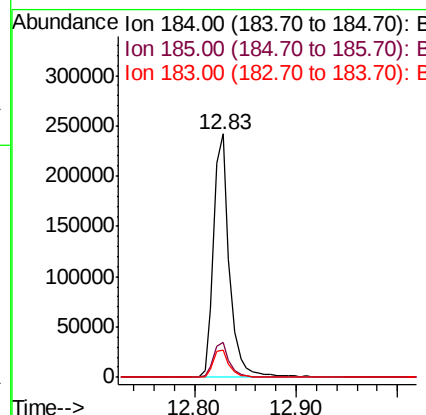
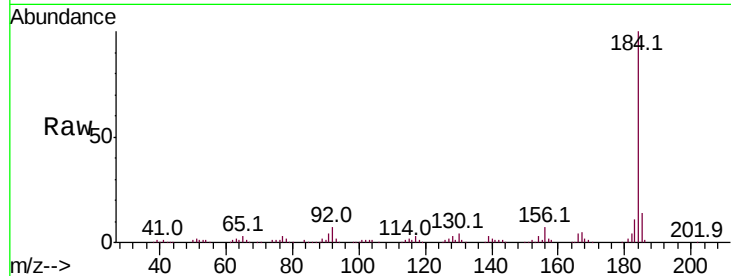
#77
Benzidine
Concen: Below Cal
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.2
183	11.4	9.4	14.2

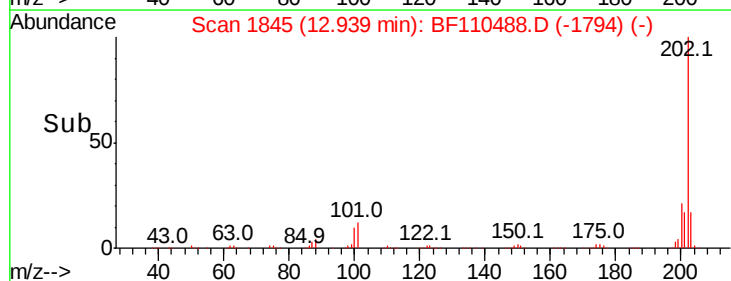
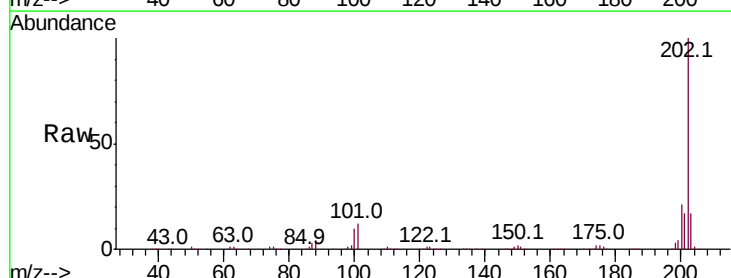
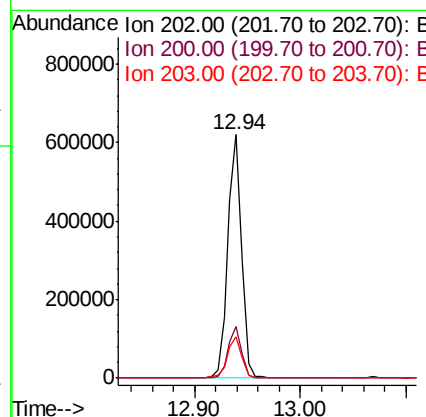
Manual Integrations
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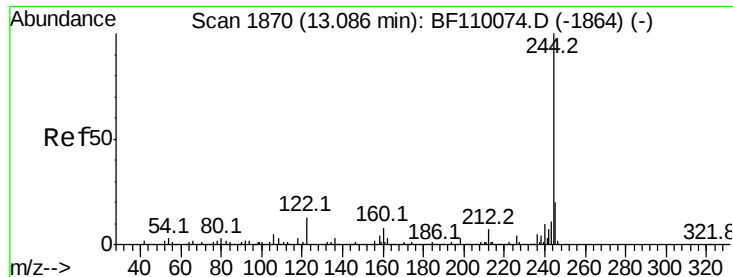
Sohil
11/6/2018 9:01:23 AM



#78
Pyrene
Concen: 49.481 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.2	14.2	21.4





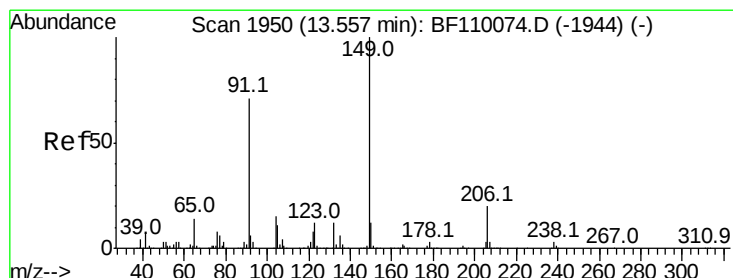
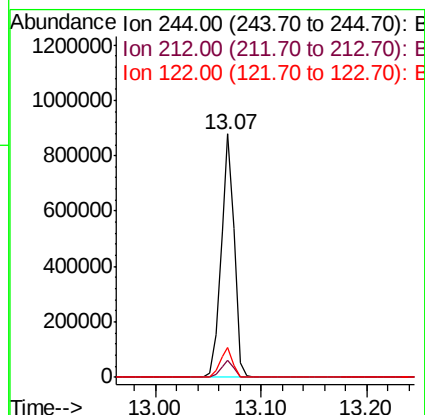
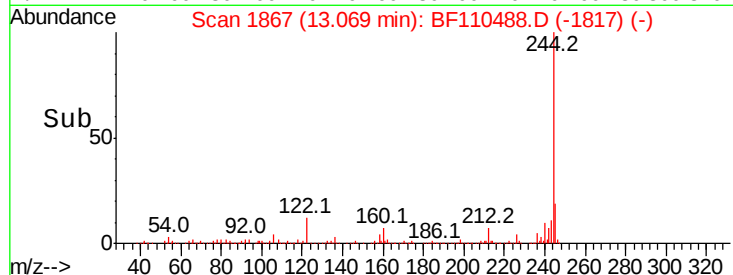
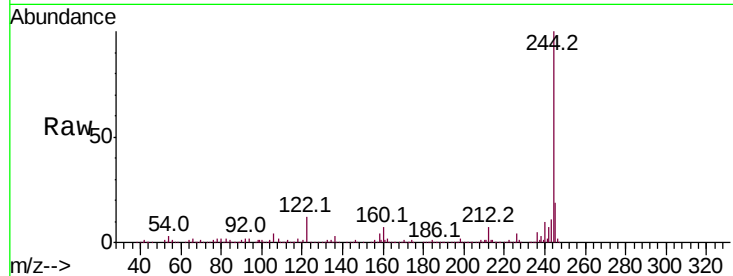
#79
 Terphenyl-d14
 Concen: 100.746 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB114474BSD

Tot Ion:	244	Resp:	770705
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.4	8.7	13.1

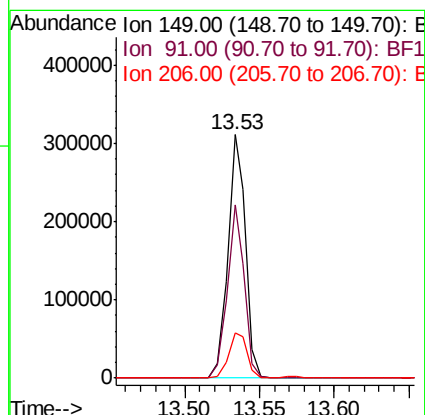
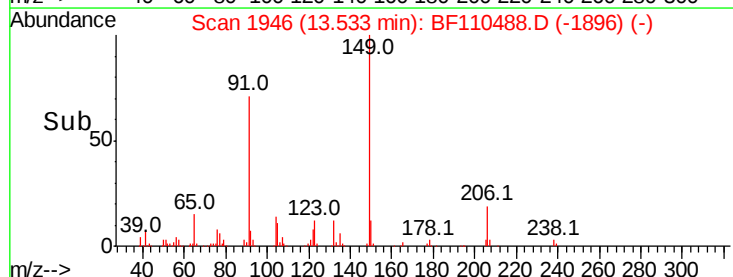
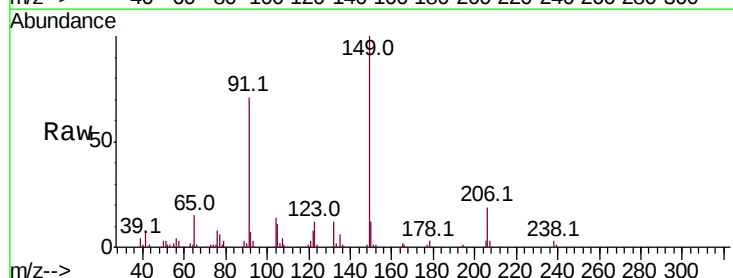
Manual Integrations
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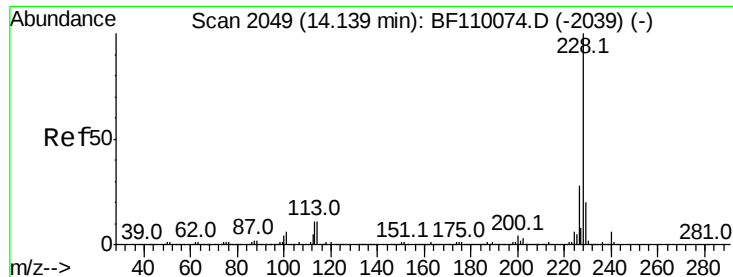
Sohil
 11/6/2018 9:01:23 AM



#80
 Butylbenzylphthalate
 Concen: 52.579 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BF110488.D
 Acq: 6 Nov 2018 2:40

Tgt Ion:	149	Resp:	260298
Ion Ratio		Lower	Upper
149	100		
91	71.0	57.2	85.8
206	18.6	15.7	23.5





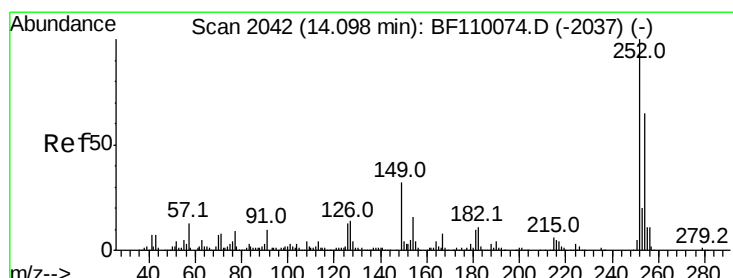
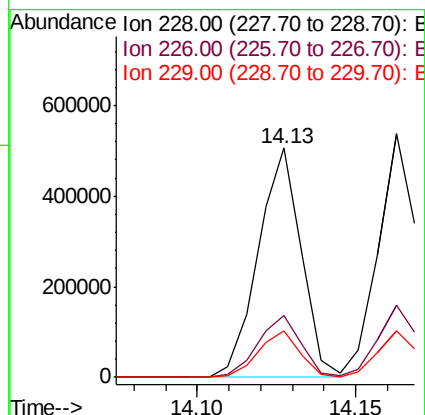
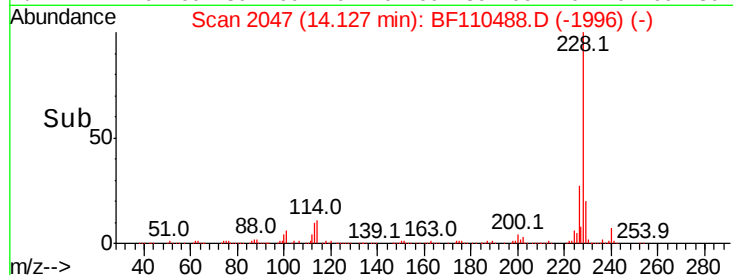
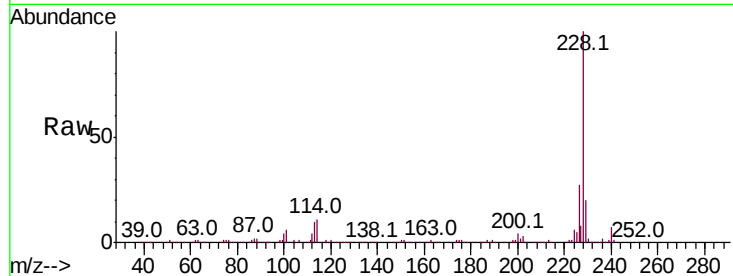
#81
Benzo(a)anthracene
Concen: 50.522 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	20.0	15.6	23.4

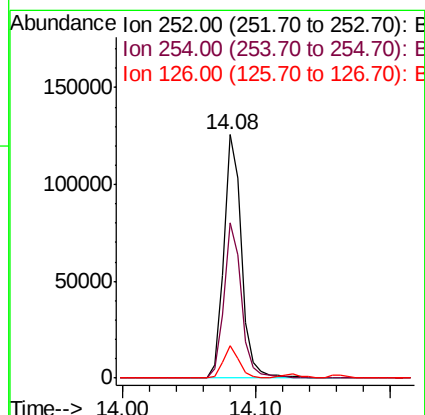
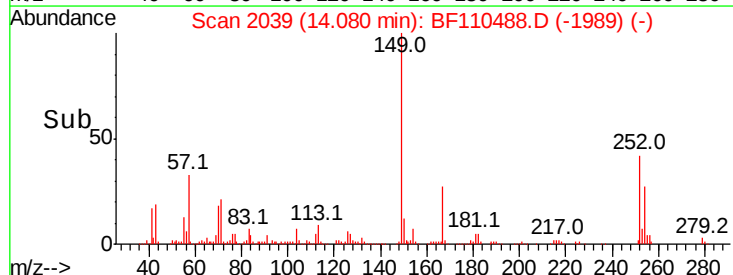
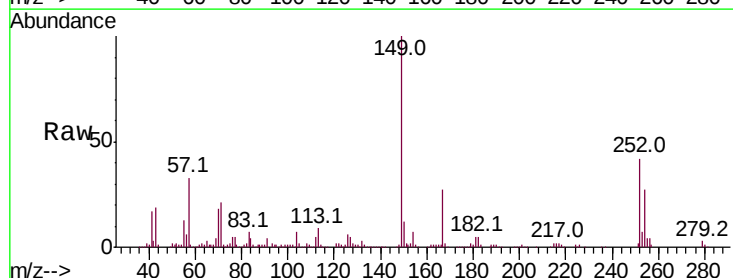
Manual Integrations
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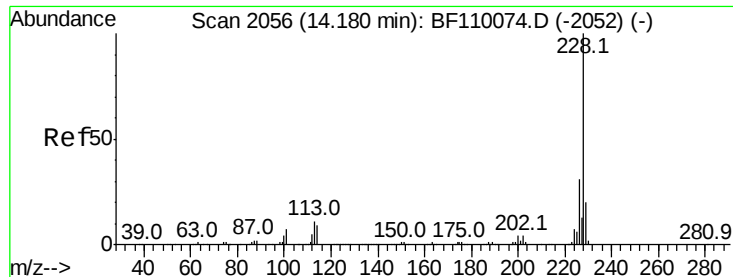
Sohil
11/6/2018 9:01:23 AM



#82
3,3'-Dichlorobenzidine
Concen: 36.098 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.3	76.9
126	13.3	9.4	14.2





#83

Chrysene

Concen: 50.459 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Instrument :

BNA_F

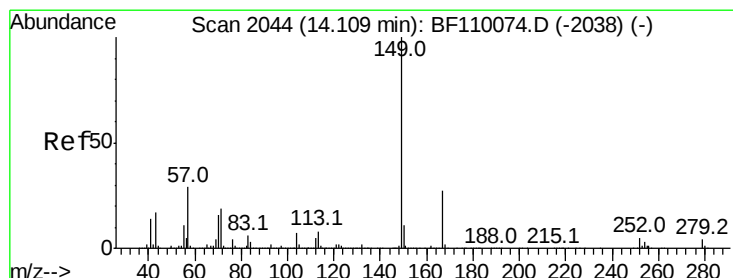
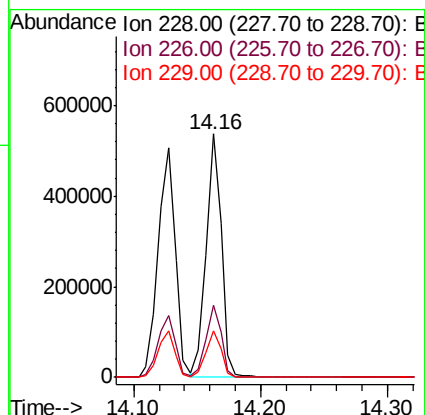
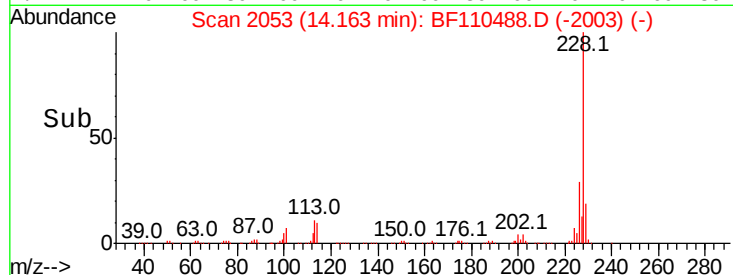
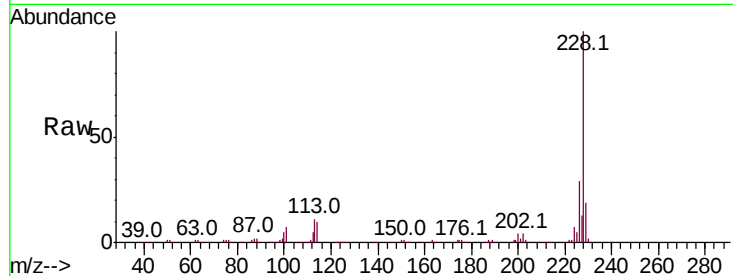
ClientSampleId :

PB114474BSD

Tot Ion:	228	Resp:	452170
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.7	37.1
229	19.1	15.9	23.9

Manual Integrations
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Sohil
11/6/2018 9:01:23 AM



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.448 ng

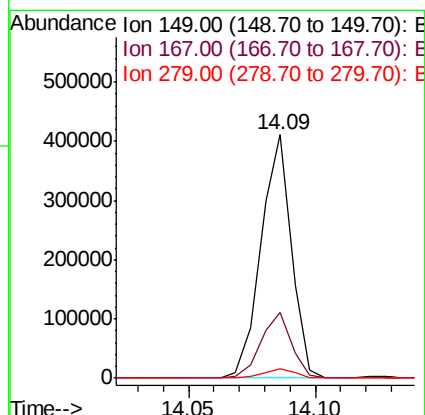
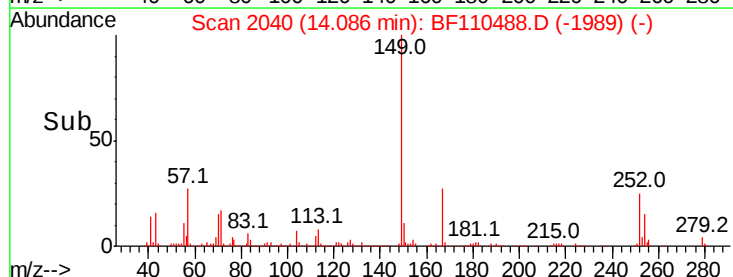
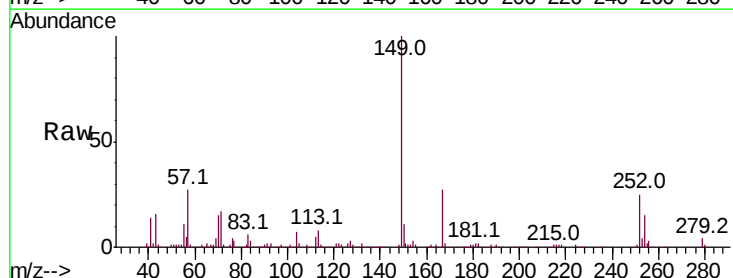
RT: 14.09 min Scan# 2040

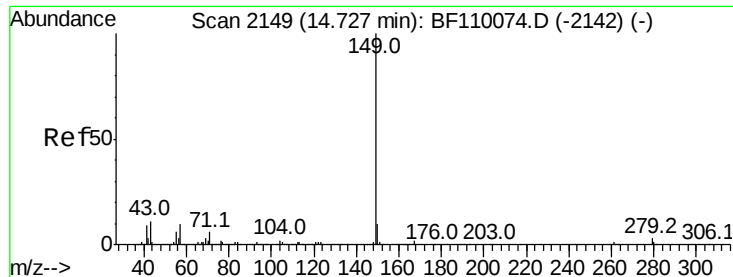
Delta R.T. 0.00 min

Lab File: BF110488.D

Acq: 6 Nov 2018 2:40

Tgt Ion:	149	Resp:	344301
Ion Ratio	Lower	Upper	
149	100		
167	26.8	19.8	29.8
279	3.6	2.7	4.1





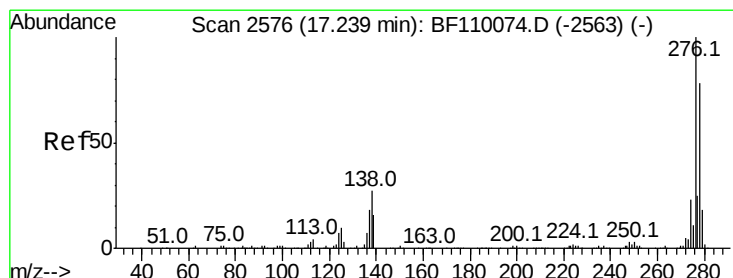
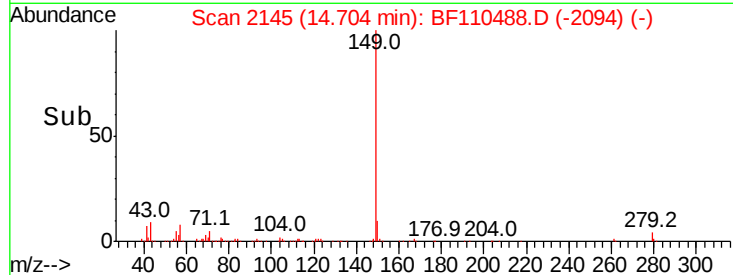
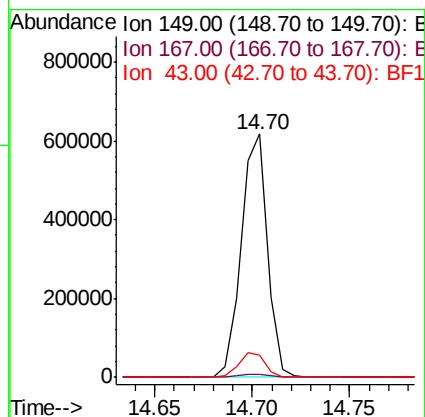
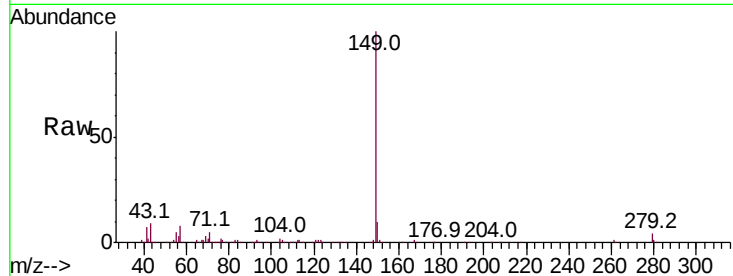
#85
Di-n-octyl phthalate
Concen: 55.219 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

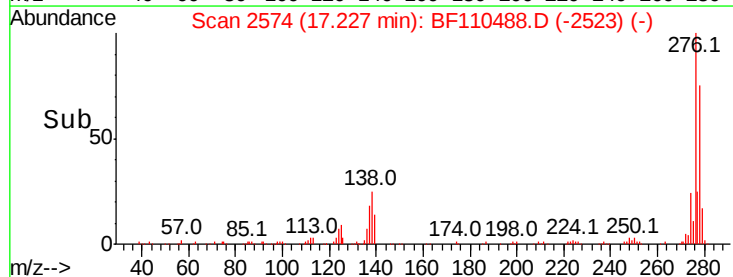
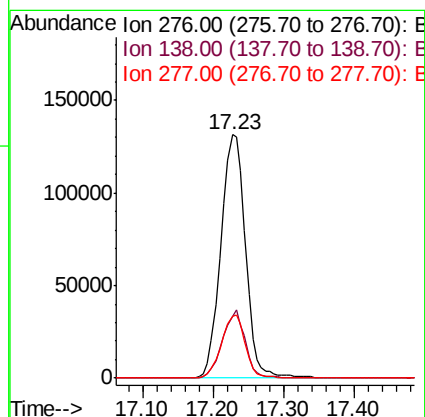
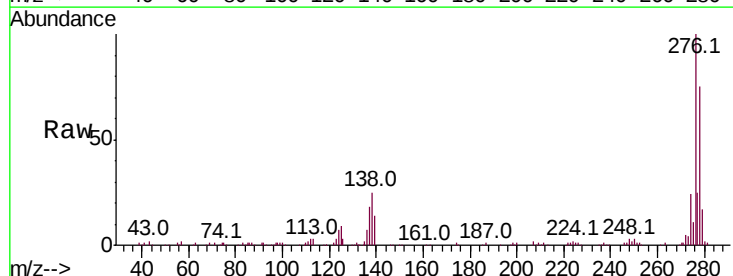
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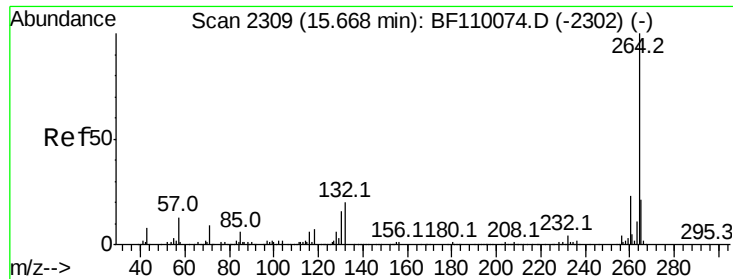
Sohil
11/6/2018 9:01:23 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.071 ng
RT: 17.23 min Scan# 2574
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.5	18.5	27.7
277	24.9	20.0	30.0





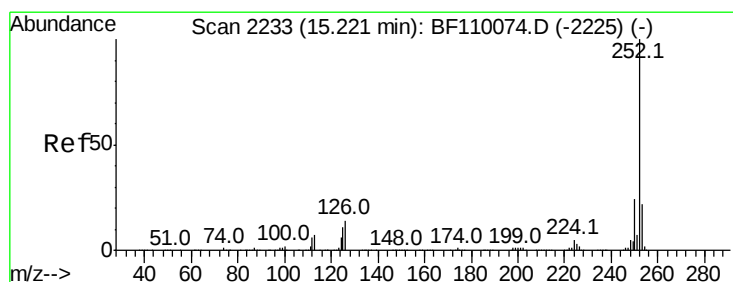
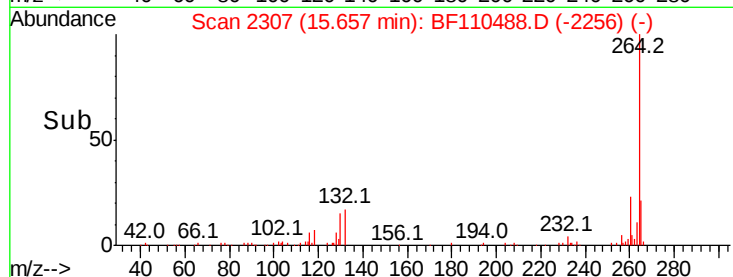
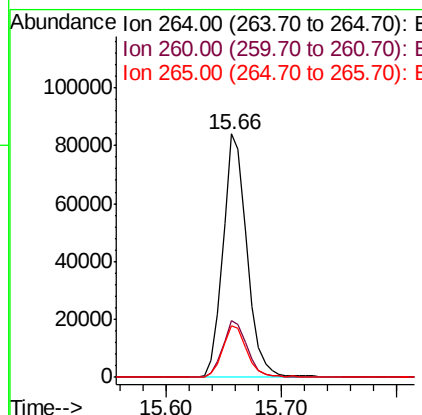
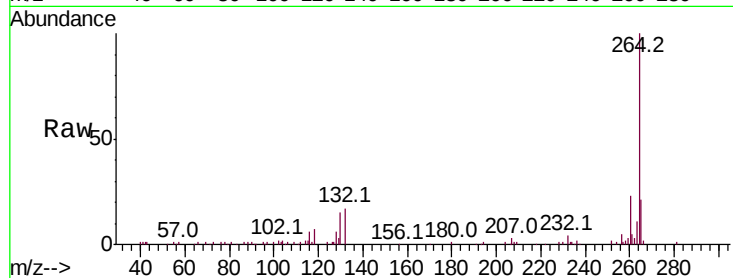
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	18.7	28.1	
265	21.2	16.7	25.1	

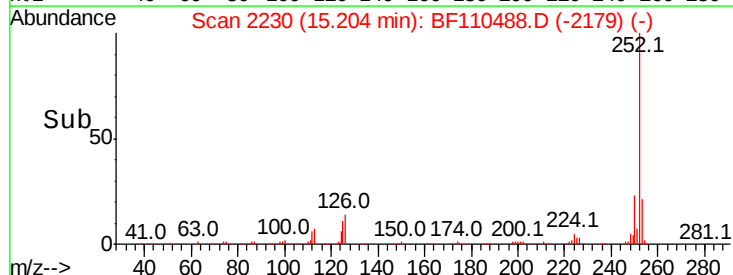
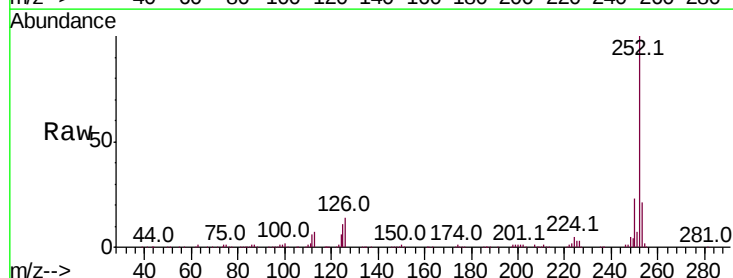
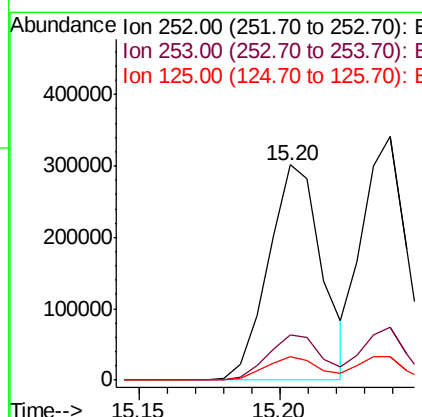
Manual Integrations
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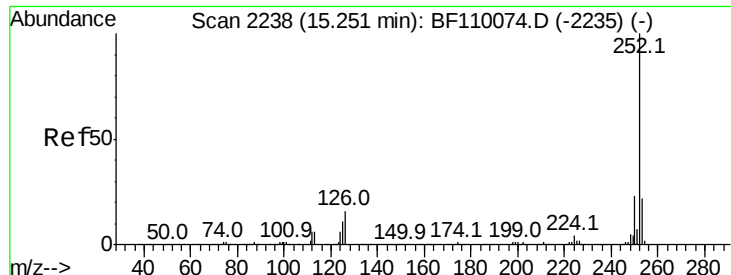
Sohil
11/6/2018 9:01:23 AM



#88
Benzo(b)fluoranthene
Concen: 57.053 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.3	17.2	25.8	
125	11.2	8.2	12.4	





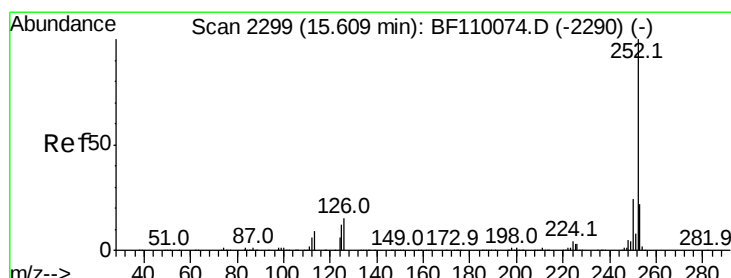
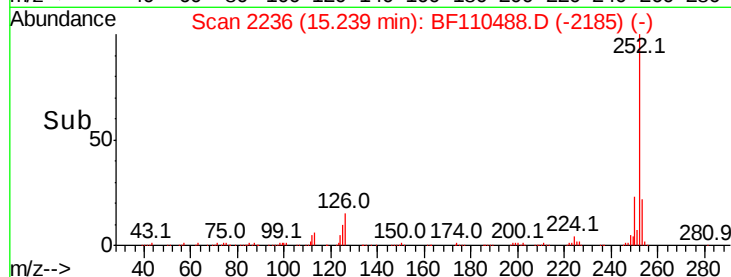
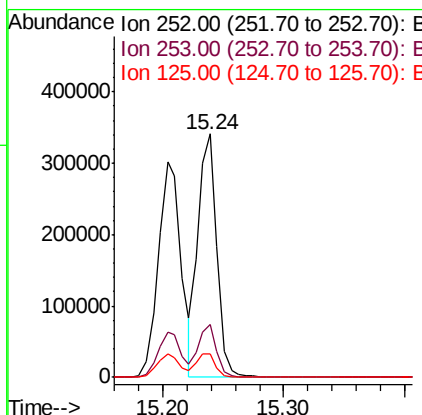
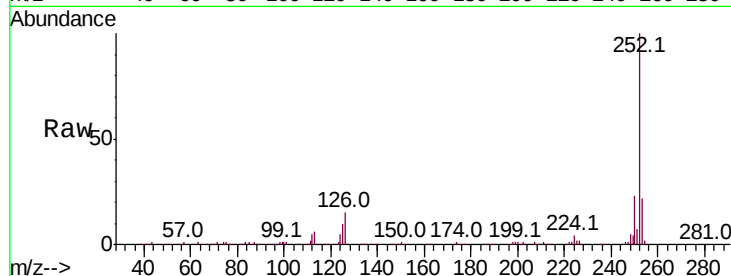
#89
Benzo(k)fluoranthene
Concen: 54.187 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	9.9	7.4	11.0

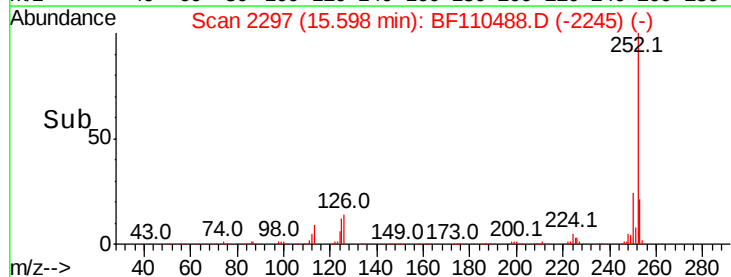
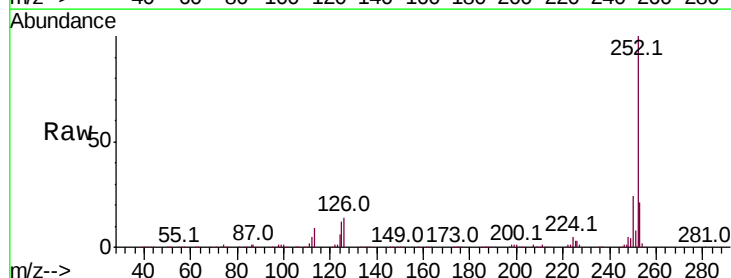
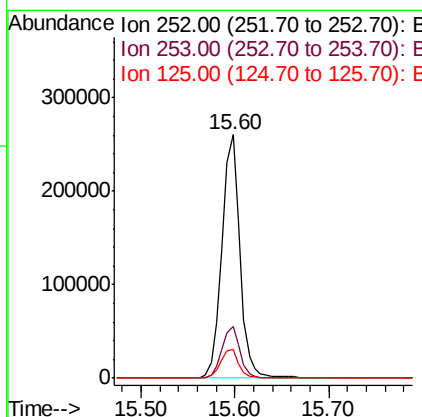
Manual Integrations
APPROVED

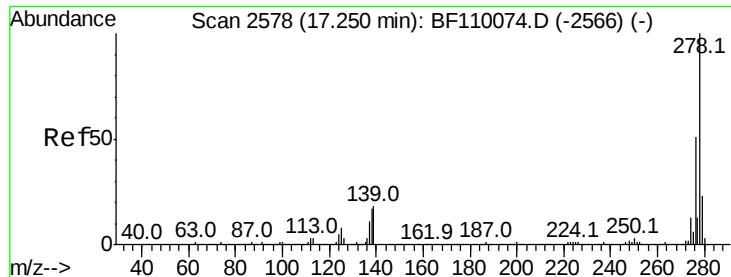
Sohil
11/6/2018 9:01:23 AM



#90
Benzo(a)pyrene
Concen: 54.594 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	11.6	9.0	13.6





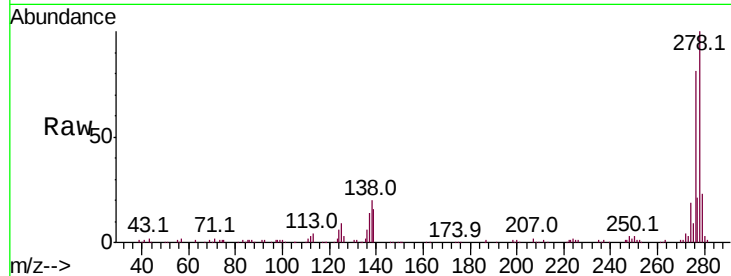
#91
Dibenzo(a,h)anthracene
Concen: 49.077 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Instrument :
BNA_F
ClientSampleId :
PB114474BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/6/2018 9:01:23 AM

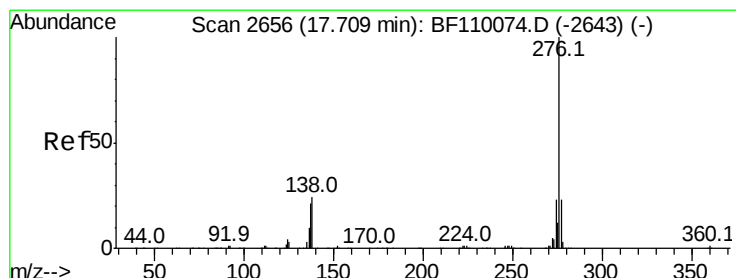
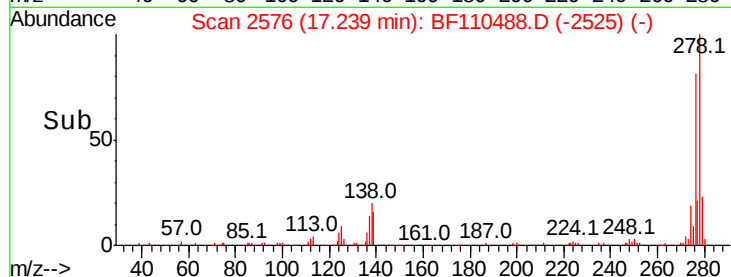
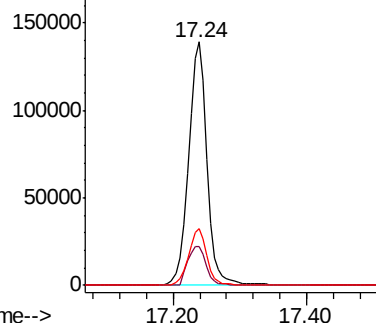


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.926 ng
RT: 17.70 min Scan# 2655
Delta R.T. 0.00 min
Lab File: BF110488.D
Acq: 6 Nov 2018 2:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	22.2	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

