

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110311.D
 Acq On : 30 Oct 2018 18:57
 Operator : JU/SJ
 Sample : PB114313BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:15:03 AM

Quant Time: Oct 31 05:17:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113022	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	447061	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	204058	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	339763	20.00	ng	0.00
76) Chrysene-d12	14.16	240	207031	20.00	ng	0.00
87) Perylene-d12	15.69	264	176844	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	430096	61.97	ng	0.01
7) Phenol-d6	6.59	99	552287	62.21	ng	0.00
23) Nitrobenzene-d5	7.53	82	502103	66.62	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	119749	59.24	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	935910	72.02	ng	0.00
79) Terphenyl-d14	13.09	244	702435	70.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	77004	21.177	ng	88
3) Pyridine	3.68	79	215906	26.658	ng	# 85
4) n-Nitrosodimethylamine	3.65	42	109939	32.400	ng	91
6) Aniline	6.63	93	157869	13.652	ng	# 53
8) 2-Chlorophenol	6.76	128	251020	31.371	ng	97
9) Benzaldehyde	6.52	77	106529	17.529	ng	97
10) Phenol	6.60	94	302730	31.902	ng	# 67
11) bis(2-Chloroethyl)ether	6.70	93	225824	28.926	ng	92
12) 1,3-Dichlorobenzene	6.91	146	259658	29.487	ng	97
13) 1,4-Dichlorobenzene	6.99	146	263470	29.584	ng	99
14) 1,2-Dichlorobenzene	7.14	146	247769	29.969	ng	100
15) Benzyl Alcohol	7.11	79	215698	31.591	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	358127	28.690	ng	69
17) 2-Methylphenol	7.22	107	199415	31.271	ng	# 82
18) Hexachloroethane	7.48	117	95268	29.218	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	167012	29.325	ng	95
20) 3+4-Methylphenols	7.37	107	261825	31.763	ng	# 86
22) Acetophenone	7.37	105	340318	33.037	ng	# 93
24) Nitrobenzene	7.55	77	253592	32.588	ng	96
25) Isophorone	7.79	82	458347	35.674	ng	97
26) 2-Nitrophenol	7.87	139	125819	33.977	ng	94
27) 2,4-Dimethylphenol	7.90	122	227774	37.100	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	286775	32.856	ng	99
29) 2,4-Dichlorophenol	8.11	162	207966	33.529	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	224026	32.245	ng	95
31) Naphthalene	8.27	128	709403	34.429	ng	99
32) Benzoic acid	8.01	122	92783	19.553	ng	94
33) 4-Chloroaniline	8.32	127	77129	8.317	ng	98
34) Hexachlorobutadiene	8.38	225	123365	31.979	ng	99
35) Caprolactam	8.69	113	63053m	29.166	ng	
36) 4-Chloro-3-methylphenol	8.80	107	219464	32.720	ng	94
37) 2-Methylnaphthalene	8.97	142	489821	35.930	ng	99
38) 1-Methylnaphthalene	9.07	142	454209	34.477	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	209024	32.876	ng	98

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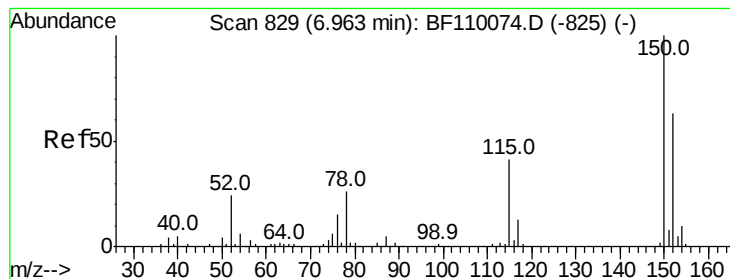
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	113751	34.989	ng	99
43) 2,4,6-Trichlorophenol	9.25	196	135760	33.105	ng	95
44) 2,4,5-Trichlorophenol	9.29	196	147406	34.006	ng	96
46) 1,1'-Biphenyl	9.43	154	587784	31.853	ng	98
47) 2-Chloronaphthalene	9.46	162	444535	32.841	ng	98
48) 2-Nitroaniline	9.56	65	133941	32.655	ng	92
49) Acenaphthylene	9.88	152	683244	34.948	ng	99
50) Dimethylphthalate	9.73	163	519415	34.483	ng	100
51) 2,6-Dinitrotoluene	9.80	165	109944	33.885	ng	88
52) Acenaphthene	10.05	154	408126	31.556	ng	98
53) 3-Nitroaniline	9.97	138	66290	17.180	ng	83
54) 2,4-Dinitrophenol	10.07	184	39148	33.609	ng	91
55) Dibenzofuran	10.22	168	590990	32.637	ng	98
56) 4-Nitrophenol	10.13	139	222758	78.004	ng	94
57) 2,4-Dinitrotoluene	10.20	165	137299	33.315	ng	90
58) Fluorene	10.57	166	460724	34.186	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	111469m	31.549	ng	
60) Diethylphthalate	10.43	149	492193	33.473	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	221151	31.107	ng	98
62) 4-Nitroaniline	10.59	138	97471	25.399	ng	93
63) Azobenzene	10.72	77	464003	31.791	ng	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	29896	19.259	ng	82
66) n-Nitrosodiphenylamine	10.67	169	402104	36.082	ng	95
67) 4-Bromophenyl-phenylether	11.05	248	128187	34.782	ng	97
68) Hexachlorobenzene	11.12	284	130310	33.324	ng	97
69) Atrazine	11.20	200	131298	37.281	ng	98
70) Pentachlorophenol	11.31	266	105555	46.293	ng	97
71) Phenanthrene	11.53	178	611374	34.389	ng	99
72) Anthracene	11.59	178	634041	35.581	ng	99
73) Carbazole	11.74	167	530512	30.491	ng	99
74) Di-n-butylphthalate	12.05	149	715415	36.407	ng	99
75) Fluoranthene	12.73	202	536382	29.729	ng	98
77) Benzidine	12.84	184	221538	34.171	ng	96
78) Pyrene	12.96	202	519388	34.994	ng	98
80) Butylbenzylphthalate	13.56	149	237953	36.937	ng	99
81) Benzo(a)anthracene	14.14	228	438083	35.682	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	104695	24.489	ng	100
83) Chrysene	14.19	228	404905	34.723	ng	100
84) Bis(2-ethylhexyl)phthalate	14.11	149	323707	37.171	ng	96
85) Di-n-octyl phthalate	14.73	149	529701	39.118	ng	100
86) Indeno(1,2,3-cd)pyrene	17.26	276	309825	32.027	ng	97
88) Benzo(b)fluoranthene	15.23	252	377374	36.954	ng	99
89) Benzo(k)fluoranthene	15.26	252	368816	36.736	ng	97
90) Benzo(a)pyrene	15.63	252	345689	36.788	ng	98
91) Dibenzo(a,h)anthracene	17.28	278	268706	33.141	ng	98
92) Benzo(g,h,i)perylene	17.74	276	247500	30.977	ng	98

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



#1

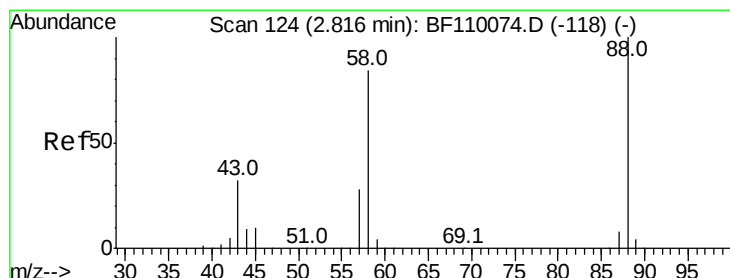
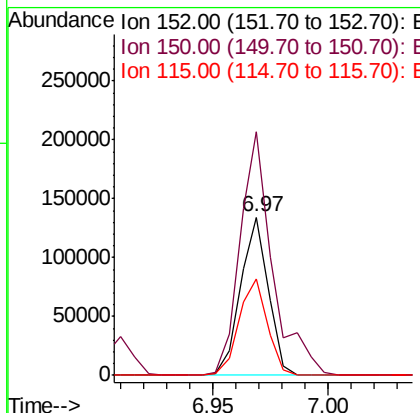
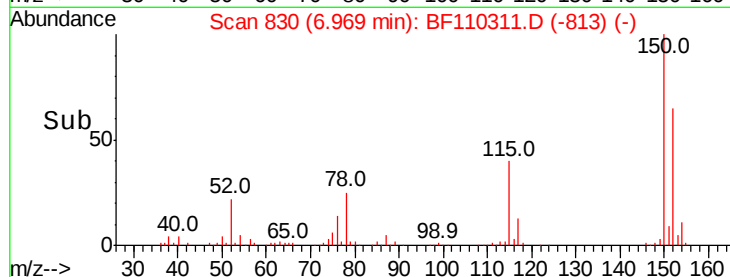
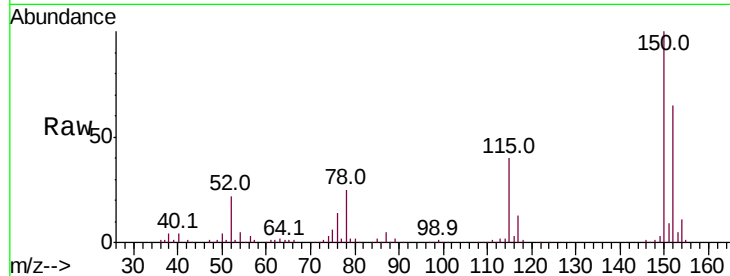
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.7	184.1
115	61.4	49.1	73.7

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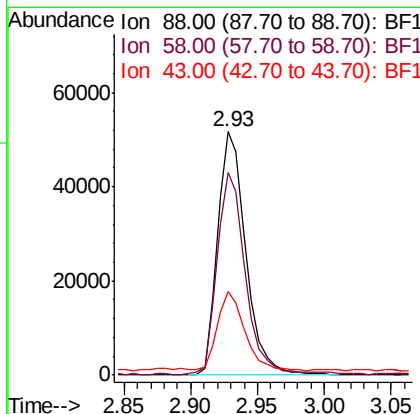
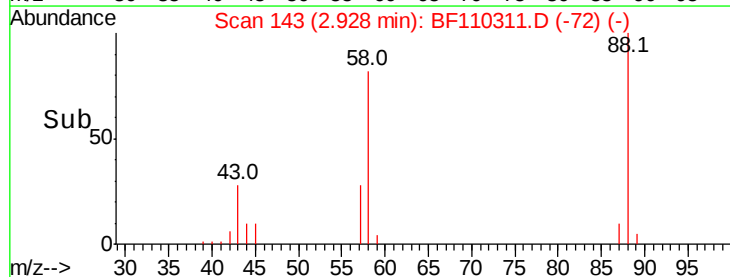
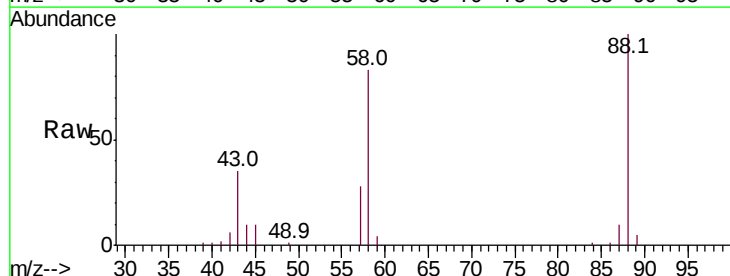
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#2

1,4-Dioxane
Concen: 21.177 ng
RT: 2.93 min Scan# 143
Delta R.T. 0.12 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	57.1	85.7
43	32.3	24.1	36.1





#3

Pvridine

Concen: 26.658 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.09 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

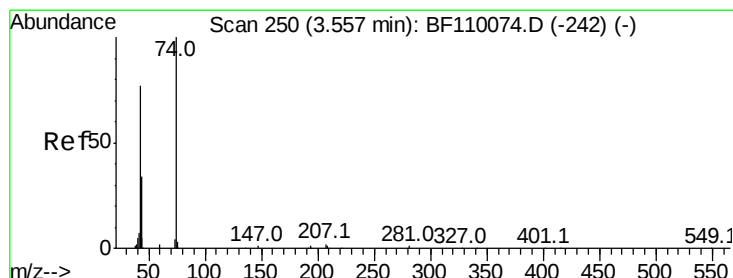
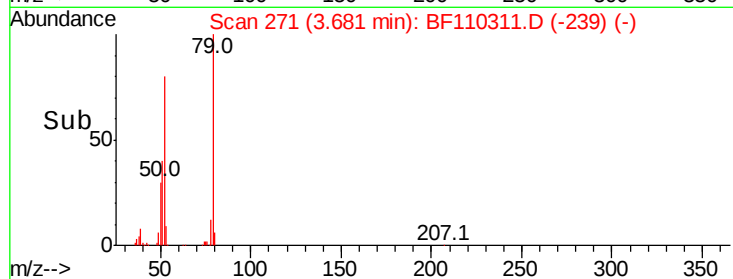
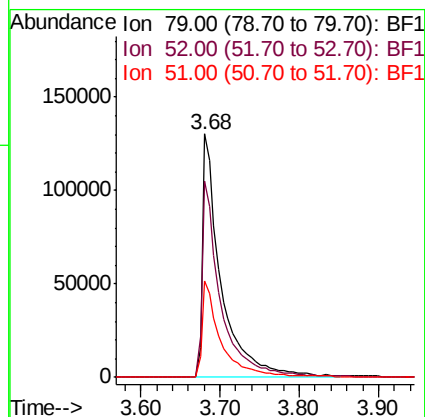
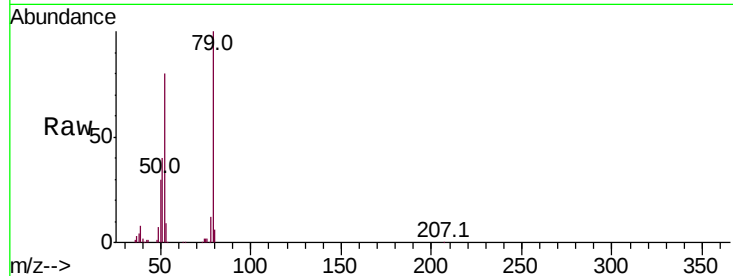
ClientSampleId :

PB114313BSD

Tot Ion:	79	Resp:	215906
Ion Ratio	Lower	Upper	
79	100		
52	80.4	53.1	79.7#
51	39.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 32.400 ng

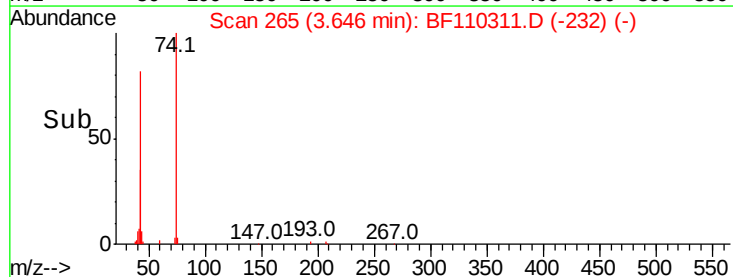
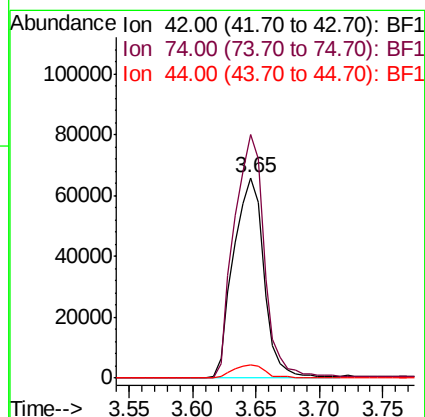
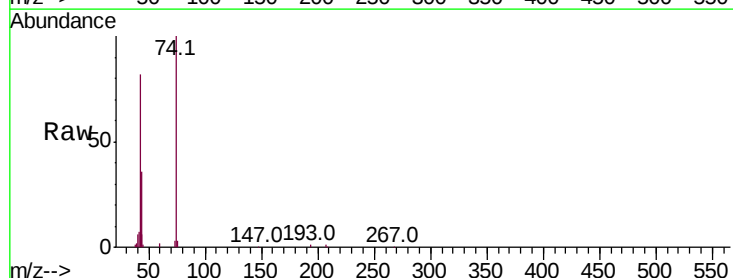
RT: 3.65 min Scan# 265

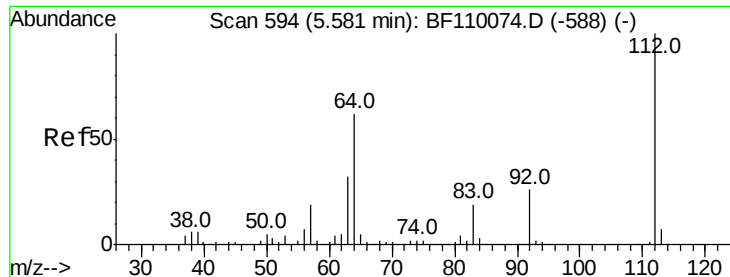
Delta R.T. 0.09 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	42	Resp:	109939
Ion Ratio	Lower	Upper	
42	100		
74	121.3	105.5	158.3
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 61.969 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

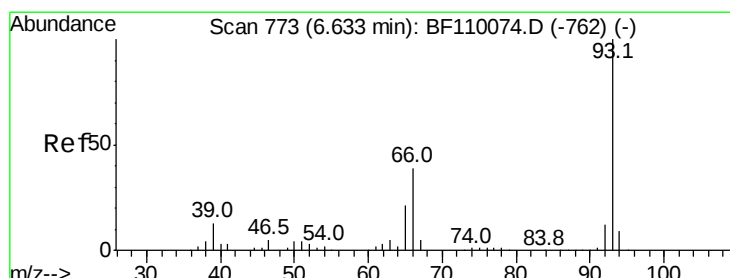
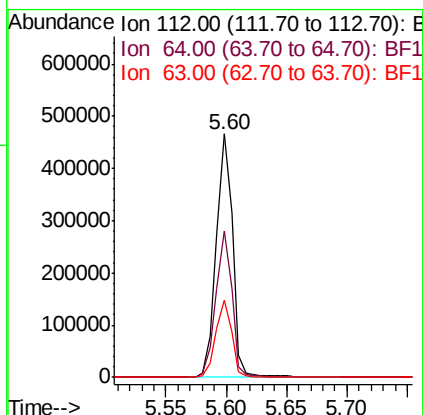
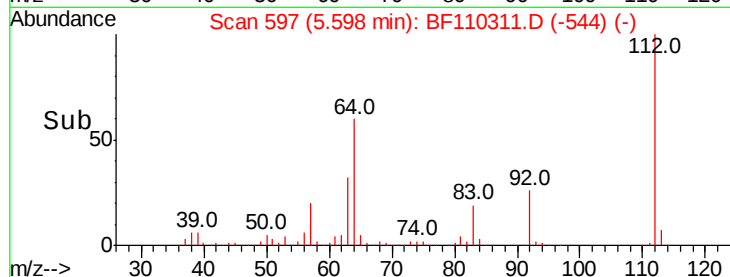
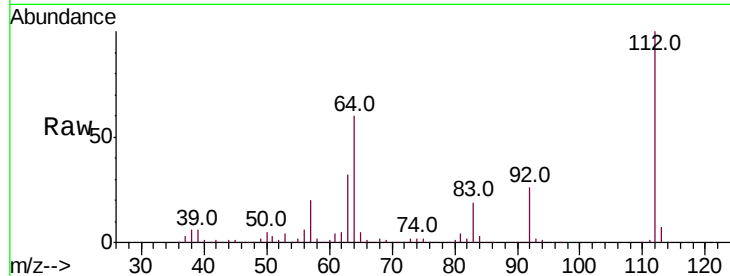
ClientSampleId :

PB114313BSD

Tot Ion:	112	Resp:	430096
Ion Ratio	Lower	Upper	
112	100		
64	60.4	44.1	66.1
63	31.9	23.7	35.5

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#6

Aniline

Concen: 13.652 ng

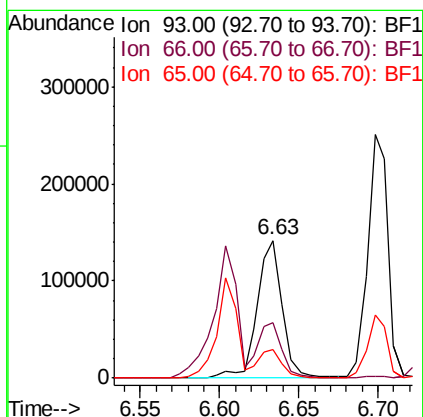
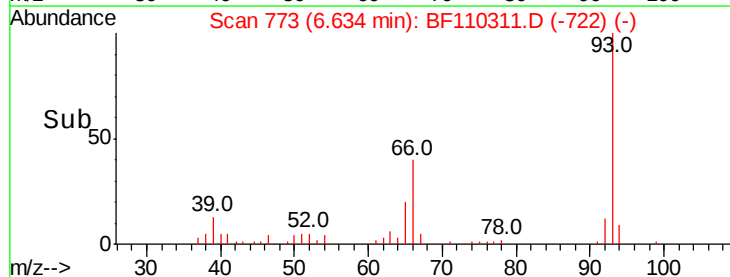
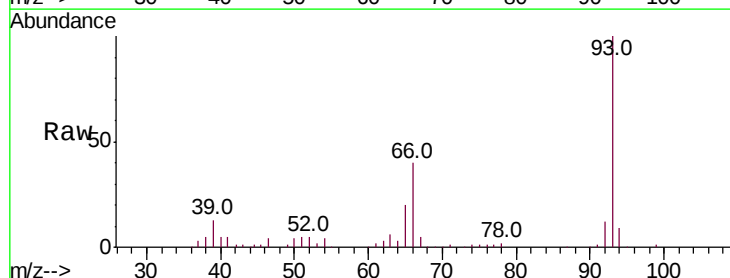
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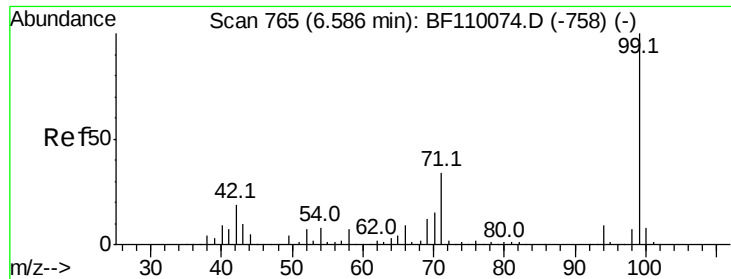
Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	93	Resp:	157869
Ion Ratio	Lower	Upper	
93	100		
66	40.3	67.4	101.0#
65	20.4	41.0	61.4#





#7

Phenol-d6

Concen: 62.213 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

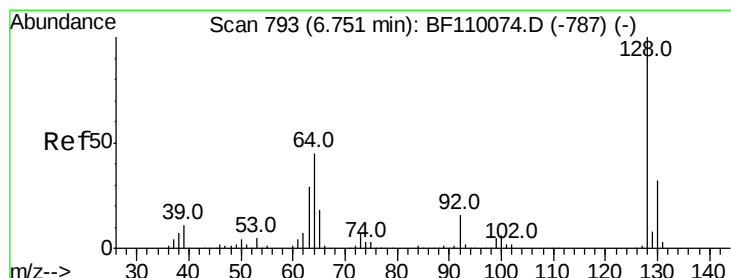
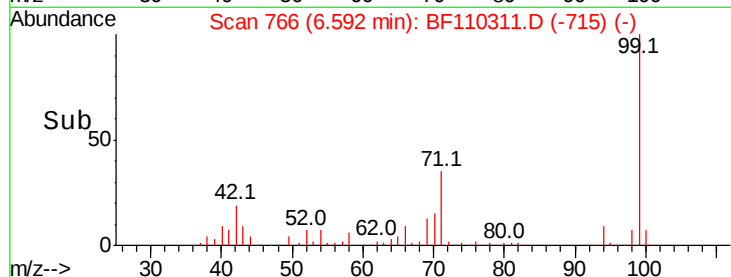
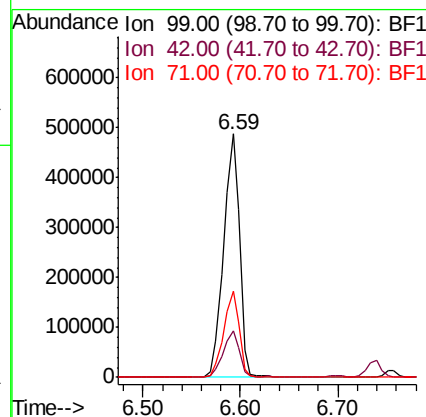
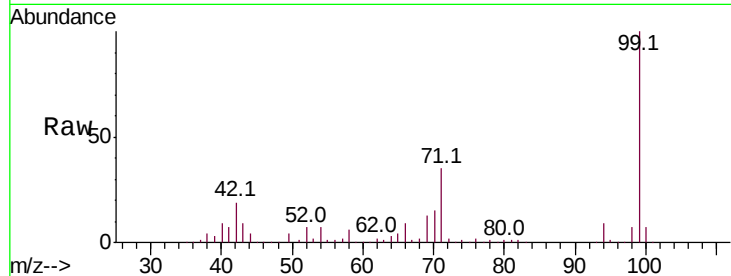
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		552287		
42	19.3	15.8	23.6		
71	35.2	28.0	42.0		

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#8

2-Chlorophenol

Concen: 31.371 ng

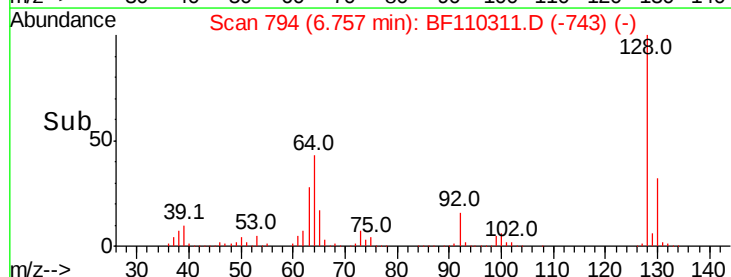
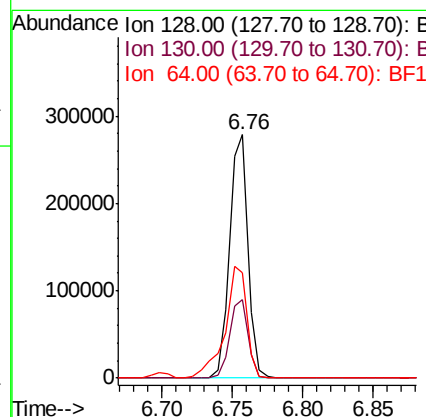
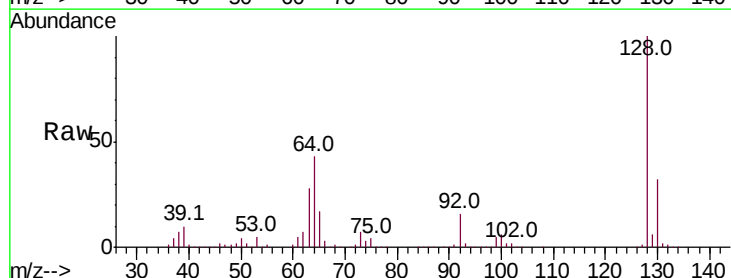
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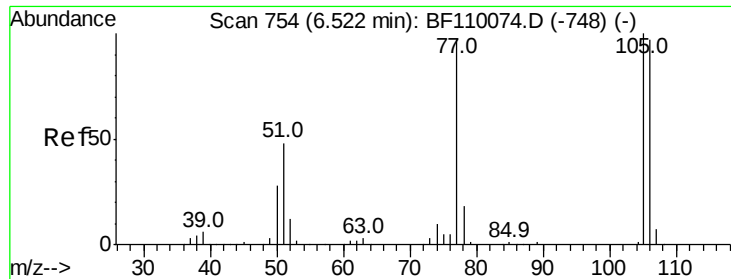
Delta R.T. 0.00 min

Lab File: BF110311.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		251020		
130	32.5	13.1	53.1		
64	43.2	26.0	66.0		





#9

Benzaldehyde

Concen: 17.529 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

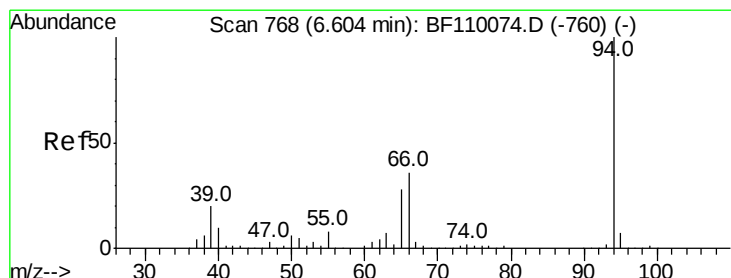
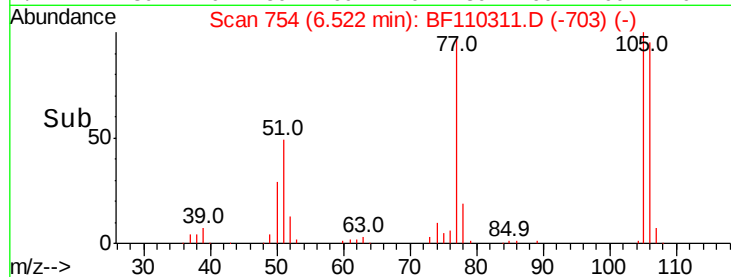
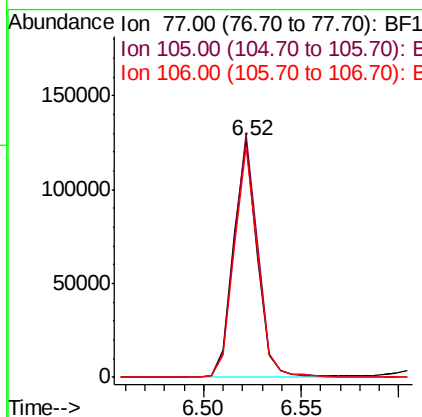
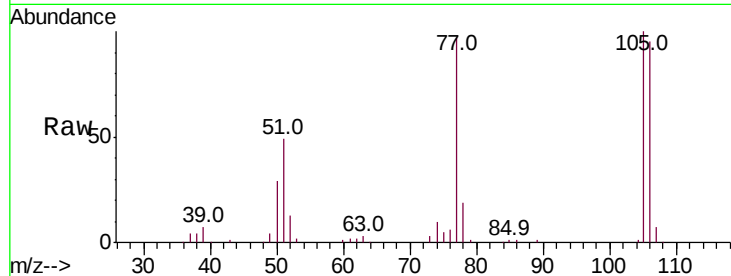
ClientSampleId :

PB114313BSD

Tot Ion:	77	Resp:	106529
Ion	Ratio	Lower	Upper
77	100		
105	102.7	78.6	118.6
106	97.5	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 31.902 ng

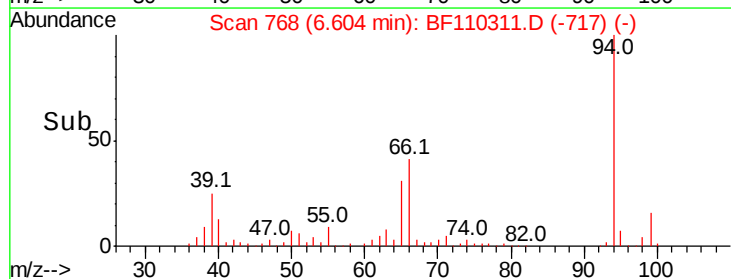
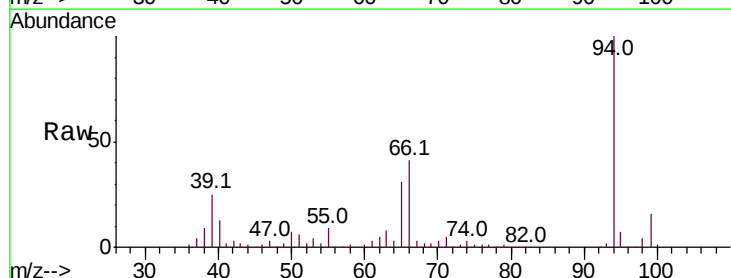
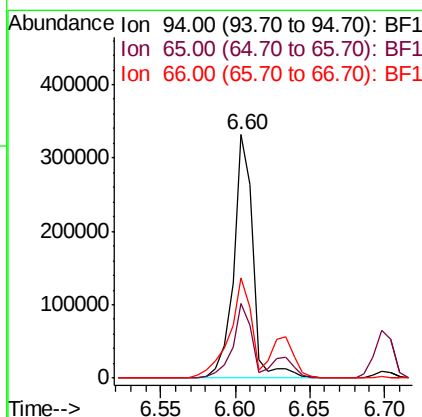
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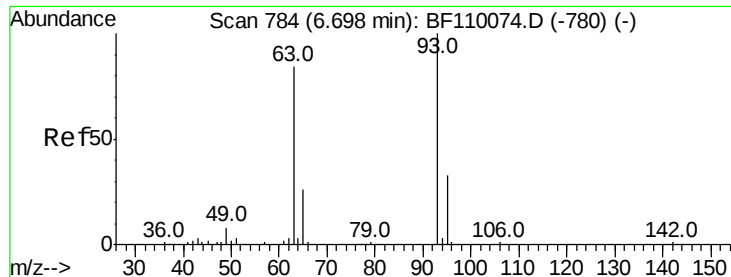
Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	94	Resp:	302730
Ion	Ratio	Lower	Upper
94	100		
65	30.9	25.3	65.3
66	41.1	54.5	94.5#





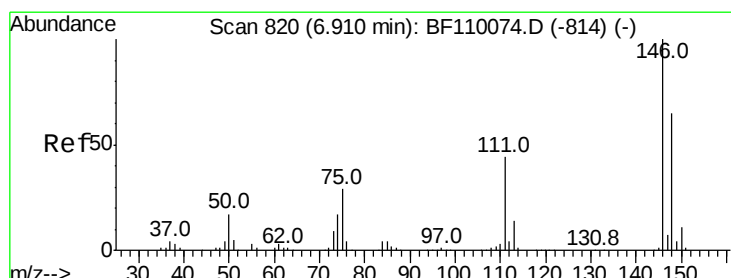
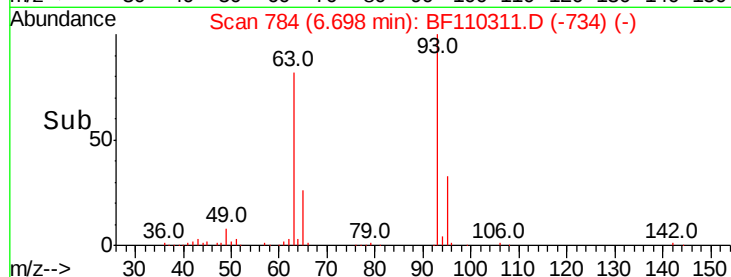
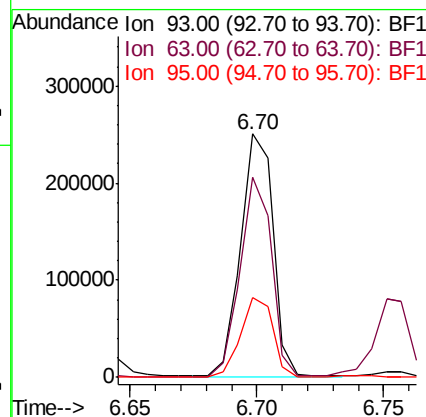
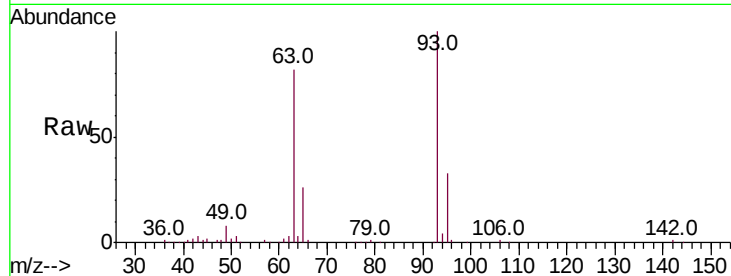
#11
bis(2-Chloroethyl)ether
Concen: 28.926 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	93	Resp	225824
Ion	Ratio	Lower	Upper
93	100		
63	82.4	53.4	93.4
95	32.8	12.1	52.1

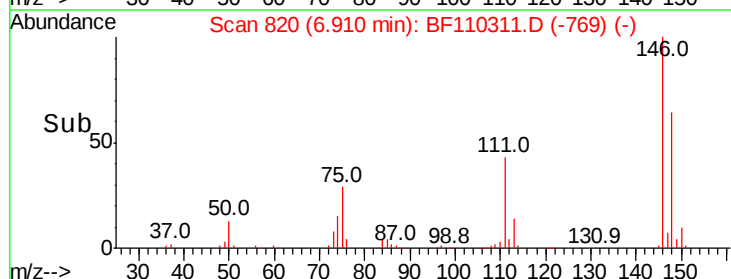
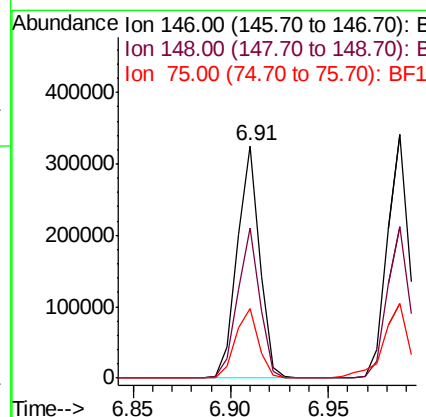
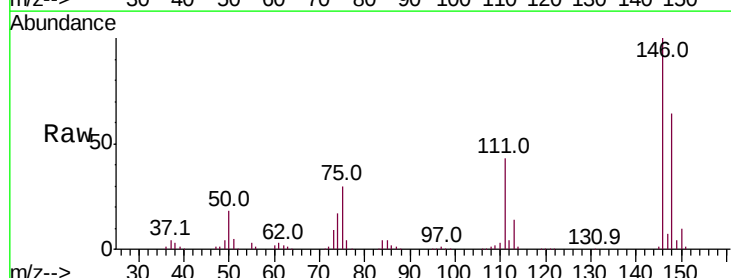
Manual Integrations
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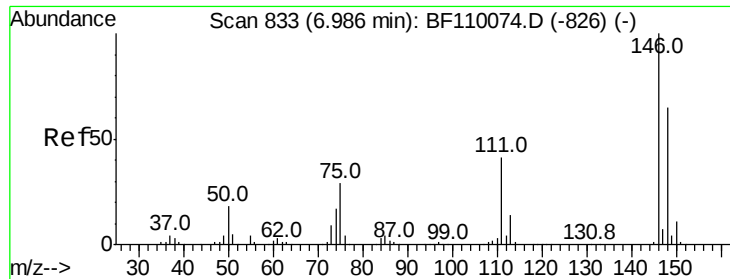
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#12
1,3-Dichlorobenzene
Concen: 29.487 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	146	Resp	259658
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	29.7	25.8	38.6





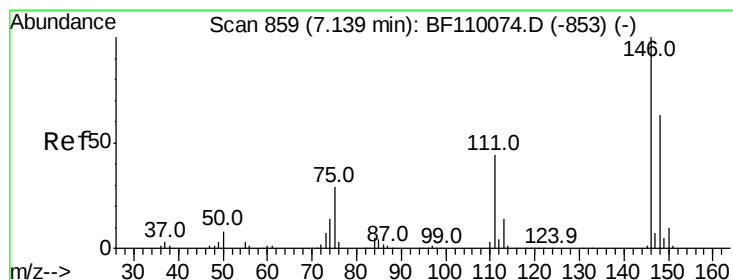
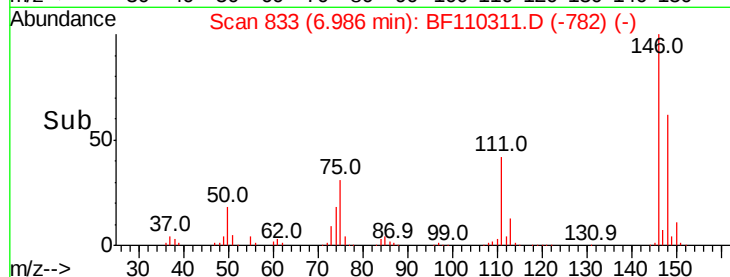
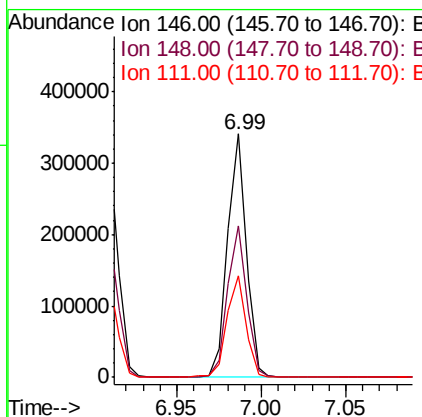
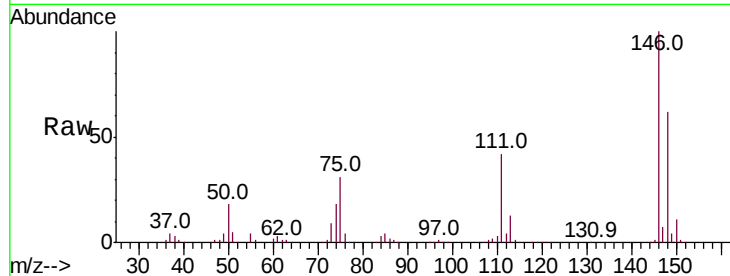
#13
1,4-Dichlorobenzene
Concen: 29.584 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.3	75.5
111	41.6	32.7	49.1

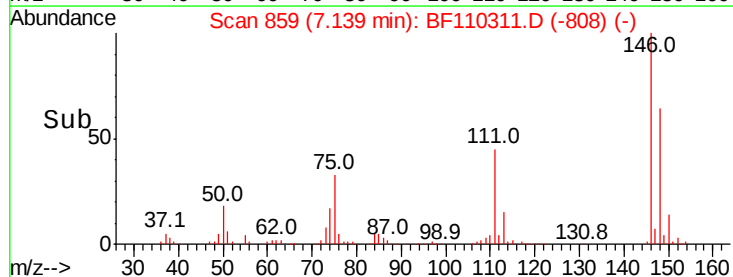
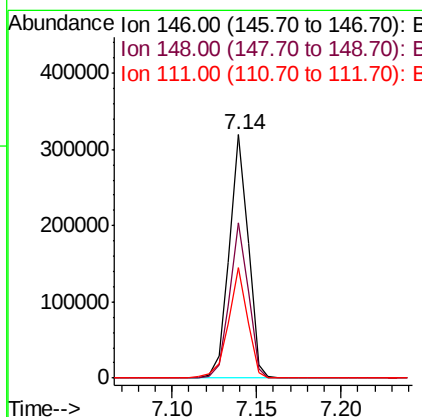
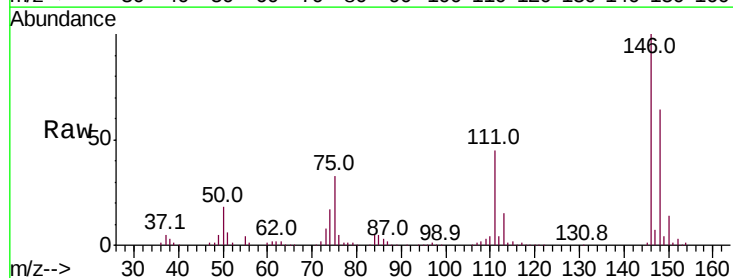
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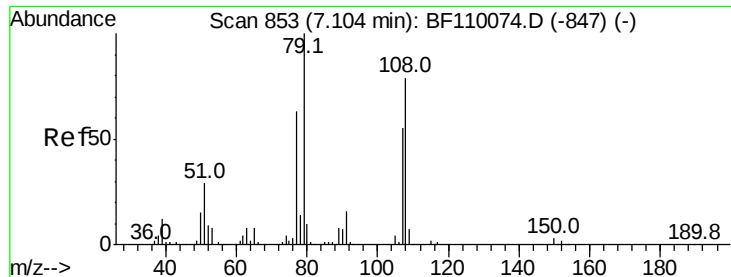
Sohil
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#14
1,2-Dichlorobenzene
Concen: 29.969 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	45.4	35.8	53.6





#15

Benzyl Alcohol

Concen: 31.591 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

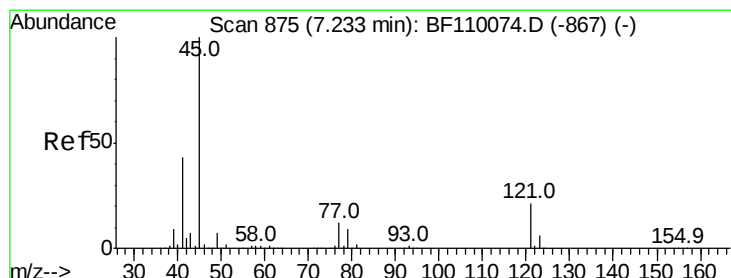
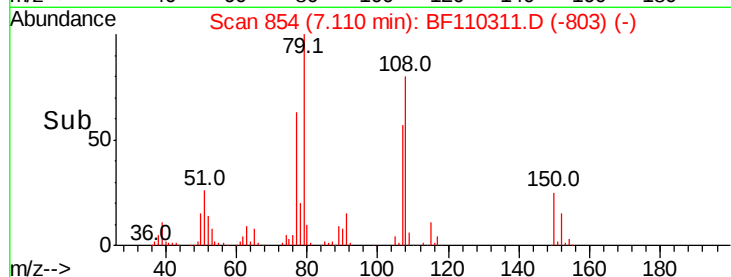
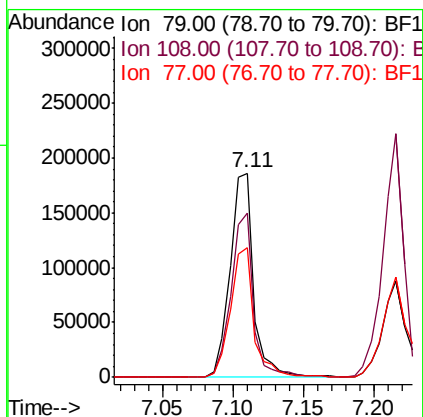
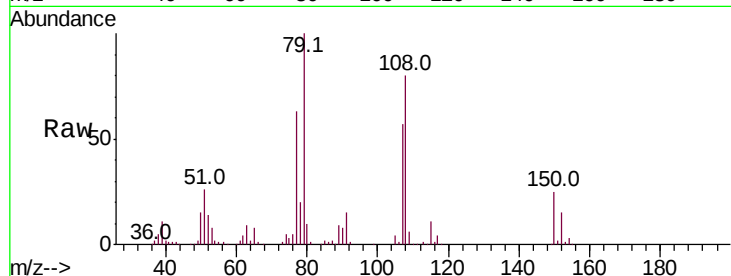
ClientSampleId :

PB114313BSD

Tot Ion:	79	Resp:	215698
Ion	Ratio	Lower	Upper
79	100		
108	80.1	56.3	84.5
77	63.4	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 28.690 ng

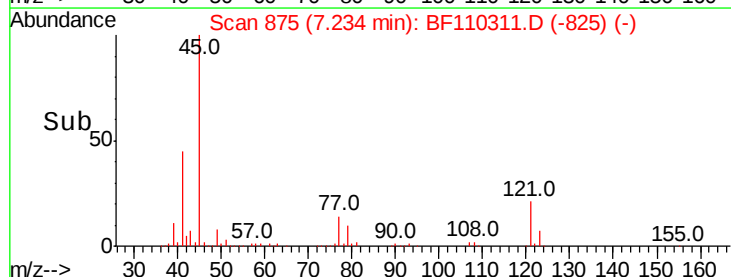
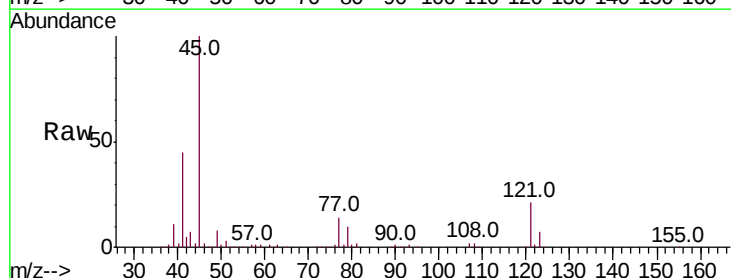
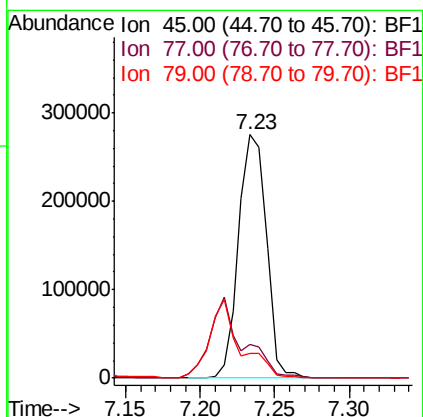
RT: 7.23 min Scan# 875

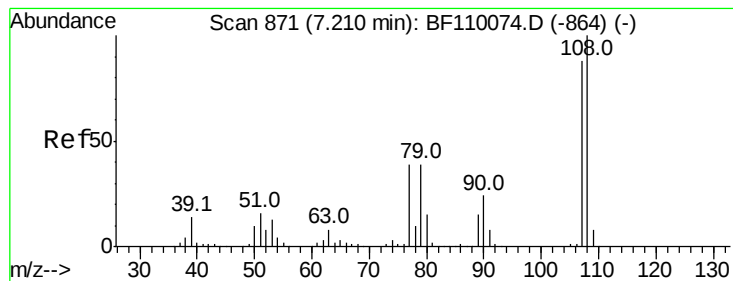
Delta R.T. -0.01 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	45	Resp:	358127
Ion	Ratio	Lower	Upper
45	100		
77	13.6	10.0	50.0
79	10.0	6.1	46.1





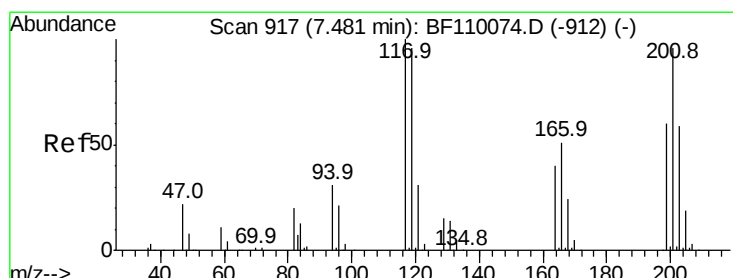
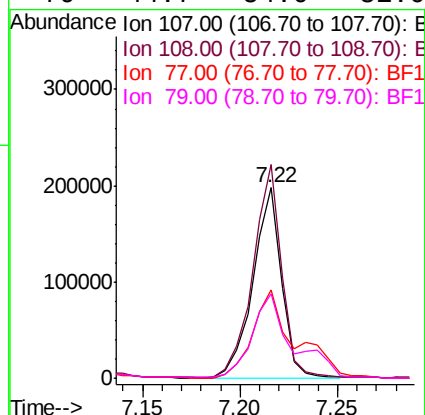
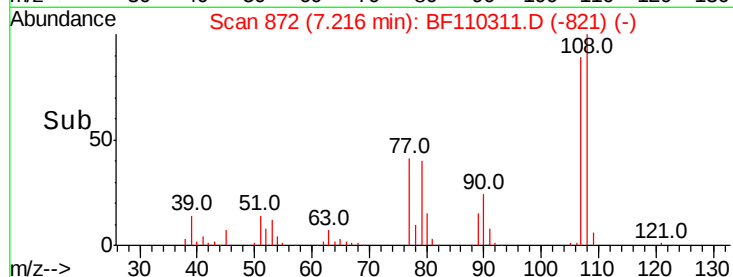
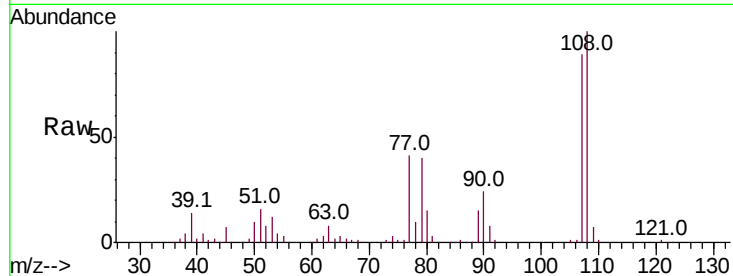
#17
2-Methylphenol
Concen: 31.271 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	92.6	138.8	
77	46.4	59.4	89.2#	
79	44.7	54.0	81.0#	

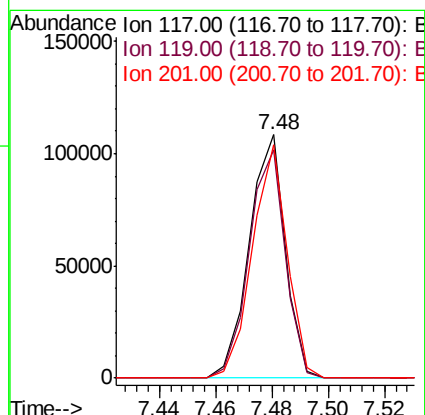
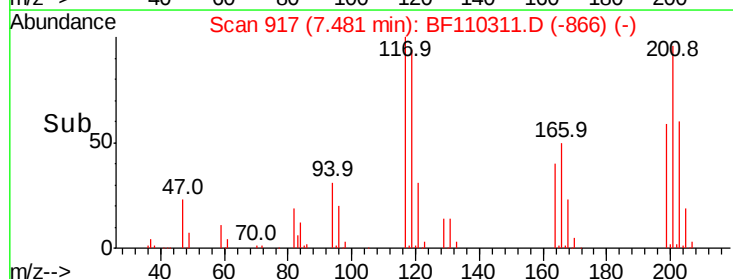
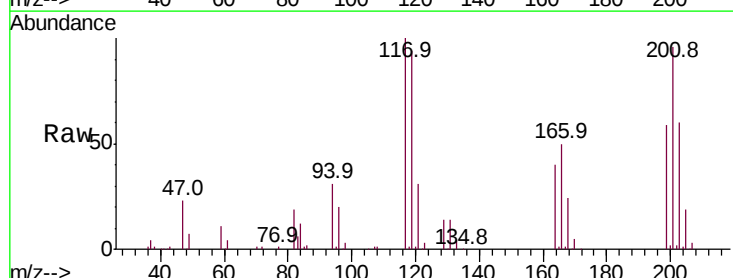
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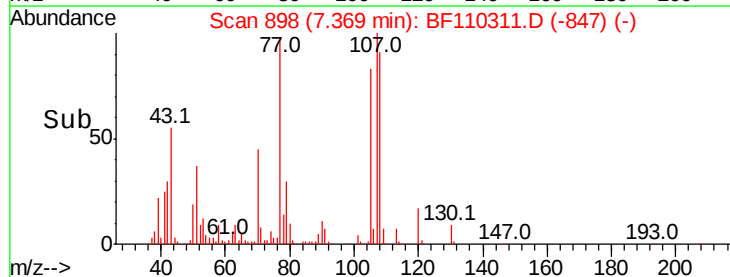
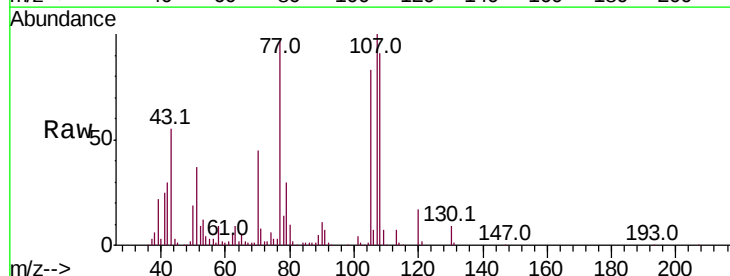
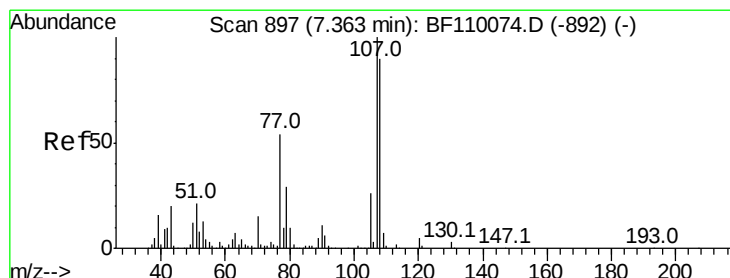
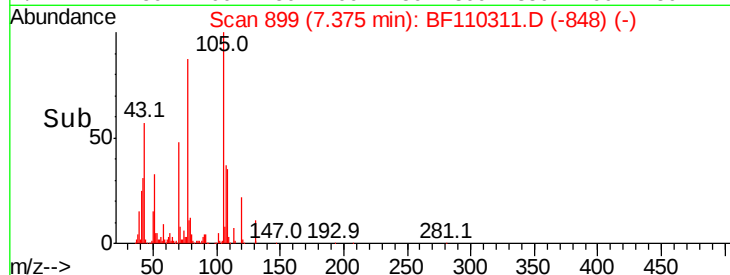
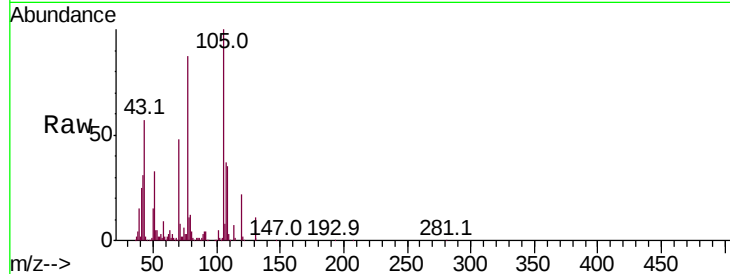
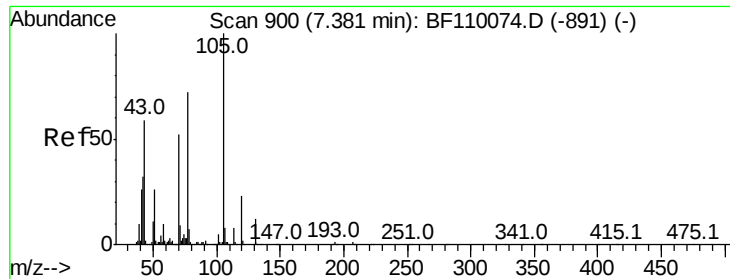
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#18
Hexachloroethane
Concen: 29.218 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	75.0	112.6	
201	95.7	79.2	118.8	





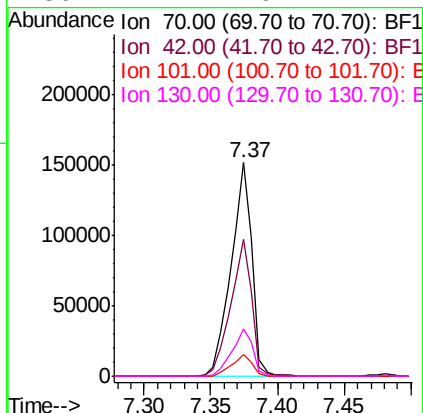
#19
n-Nitroso-di-n-propylamine
Concen: 29.325 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.0	47.4	71.2
101	10.1	7.3	10.9
130	22.1	16.2	24.2

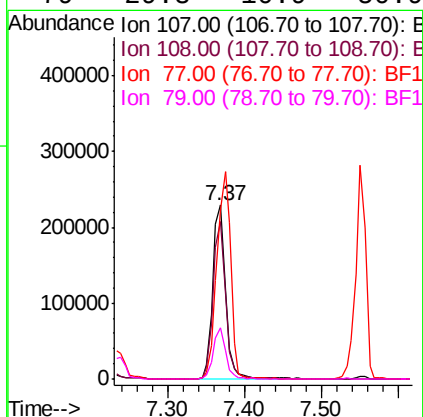
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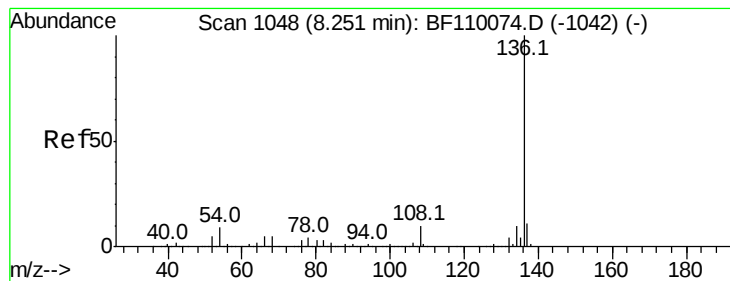
Sohil
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#20
3+4-Methylphenols
Concen: 31.763 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	97.5	47.3	87.3#
79	29.8	10.9	50.9





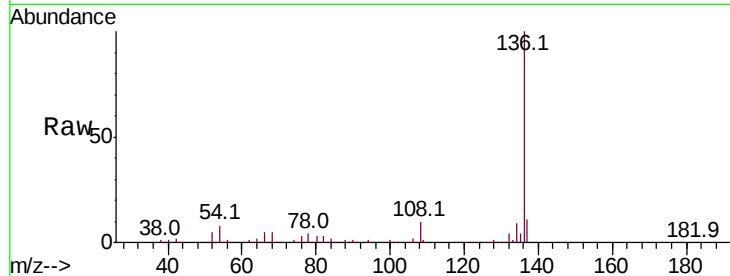
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

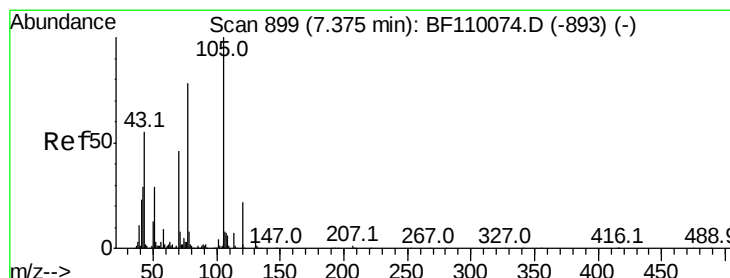
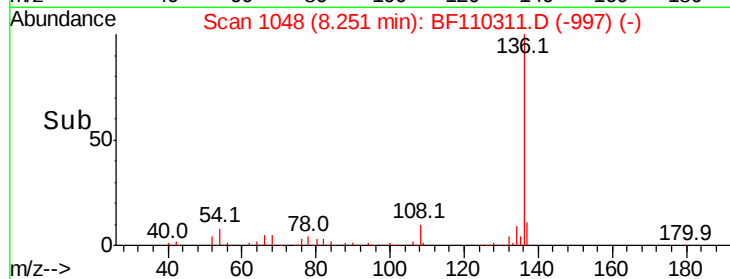
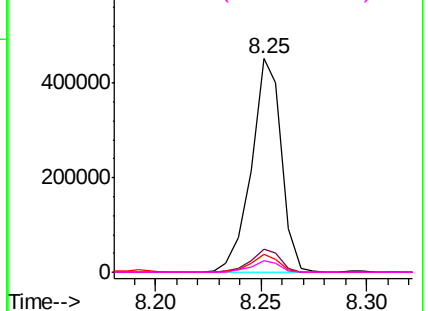
Tot Ion	Ratio	Resp	Lower	Upper
136	100	447061		
137	10.8		8.8	13.2
54	8.1		5.4	8.2
68	5.1		4.2	6.2

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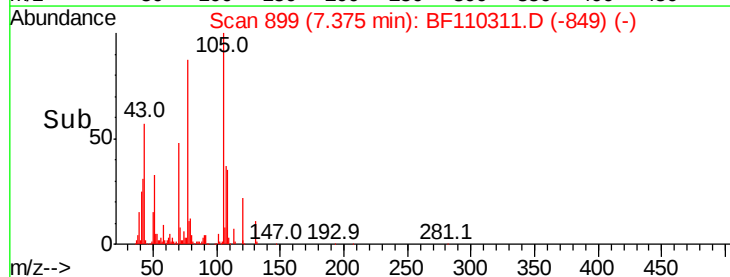
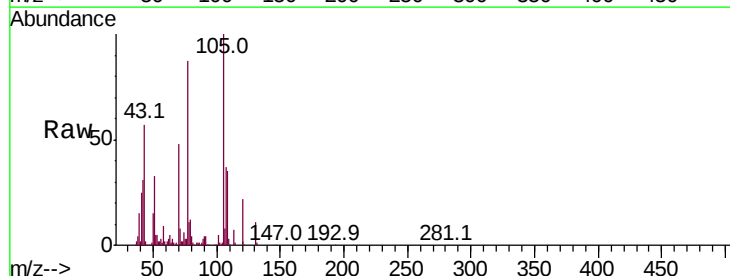
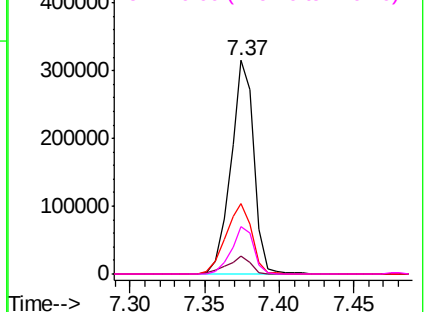
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

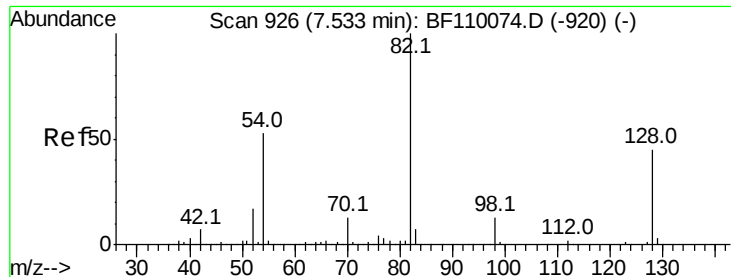


#22
Acetophenone
Concen: 33.037 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	340318		
71	8.1		5.2	7.8#
51	33.2		21.8	32.8#
120	22.0		17.0	25.4

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





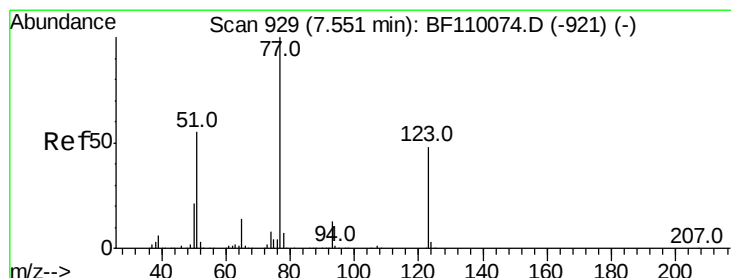
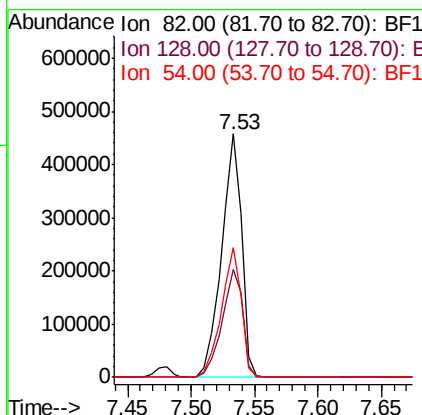
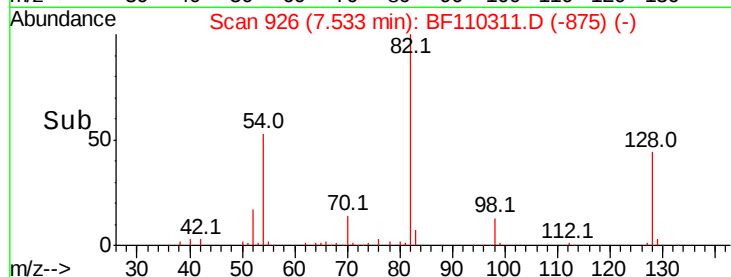
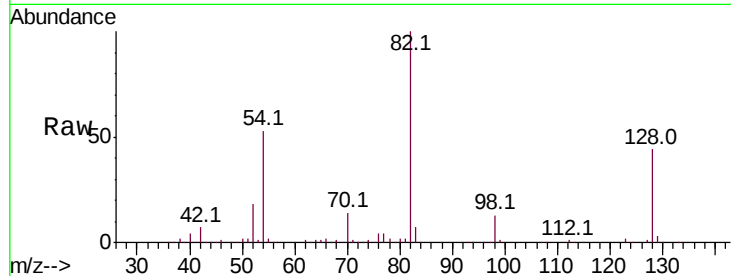
#23
 Nitrobenzene-d5
 Concen: 66.616 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.3	38.6	58.0

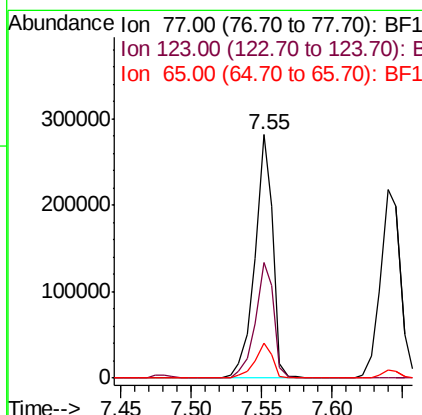
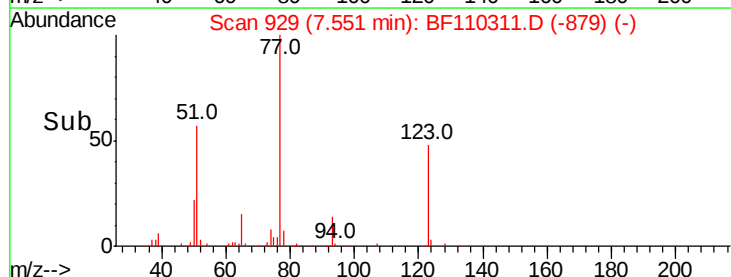
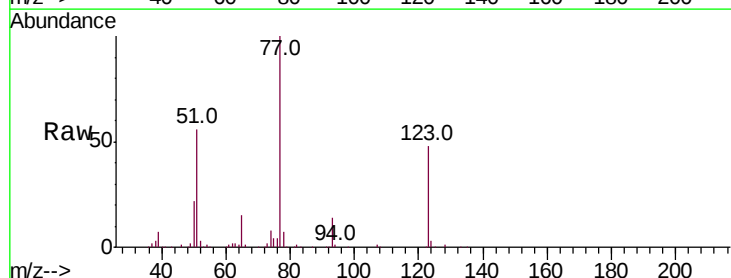
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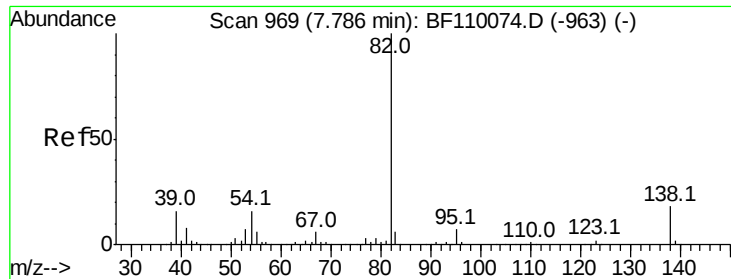
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#24
 Nitrobenzene
 Concen: 32.588 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.7	53.5
65	14.6	10.7	16.1





#25

Isophorone

Concen: 35.674 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

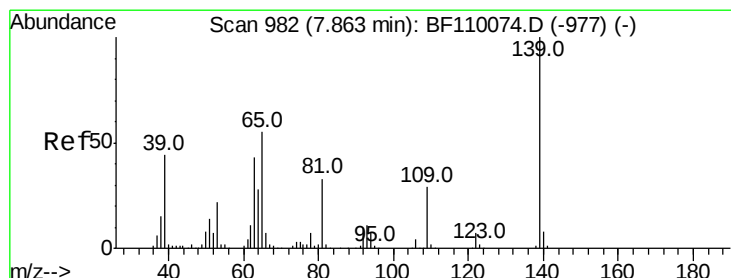
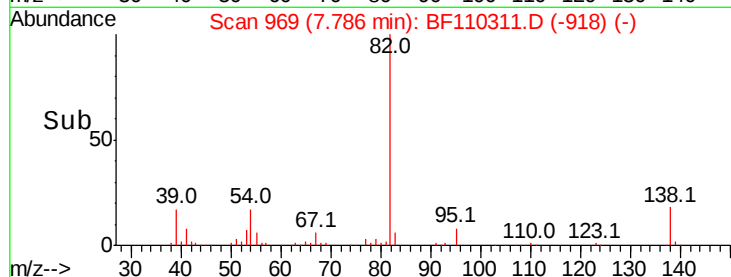
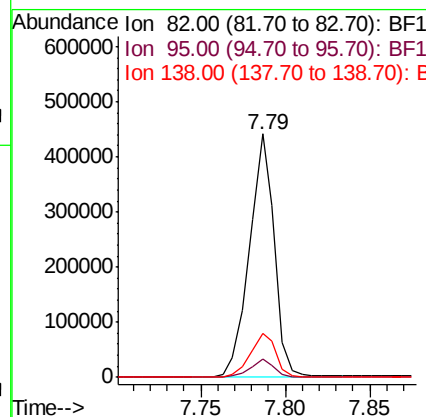
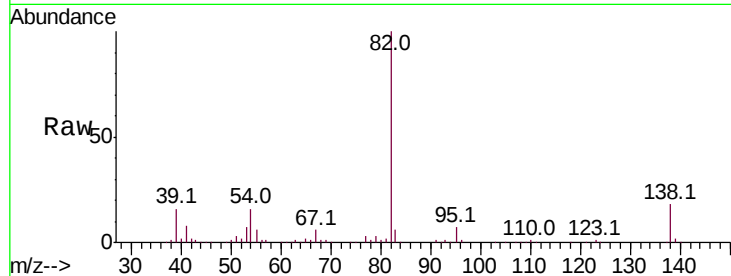
ClientSampleId :

PB114313BSD

Tot Ion:	82	Resp:	458347
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	18.2	13.2	19.8

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#26

2-Nitrophenol

Concen: 33.977 ng

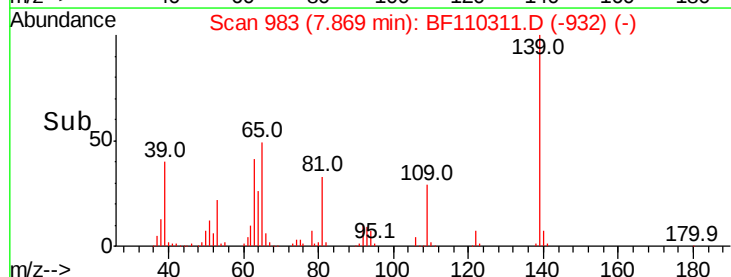
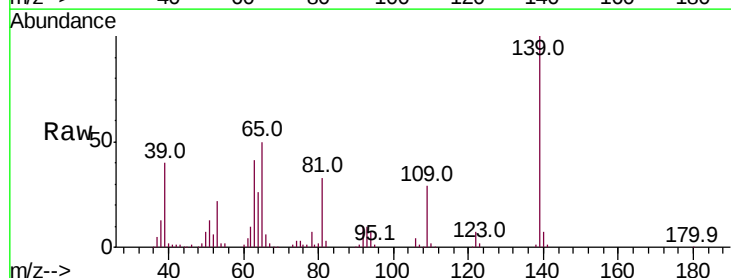
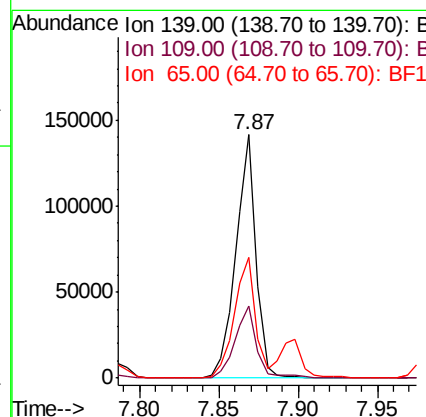
RT: 7.87 min Scan# 983

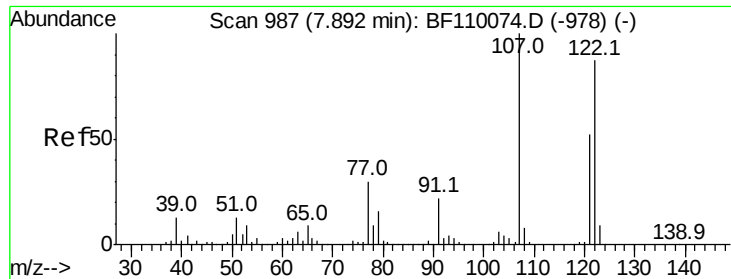
Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	139	Resp:	125819
Ion Ratio	Lower	Upper	
139	100		
109	29.4	25.0	37.6
65	49.7	44.0	66.0





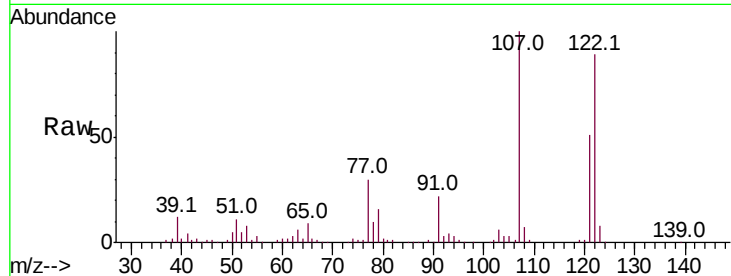
#27
2,4-Dimethylphenol
Concen: 37.100 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	227774		
107	112.9	92.5	138.7	
121	58.0	45.8	68.8	

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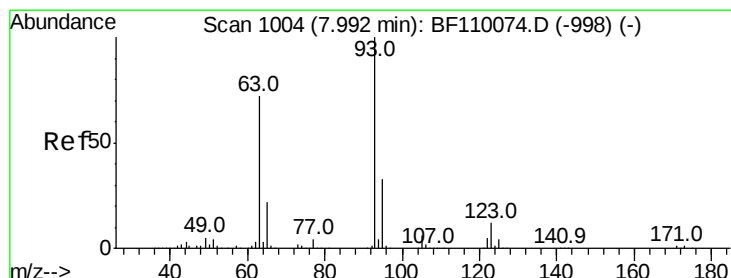
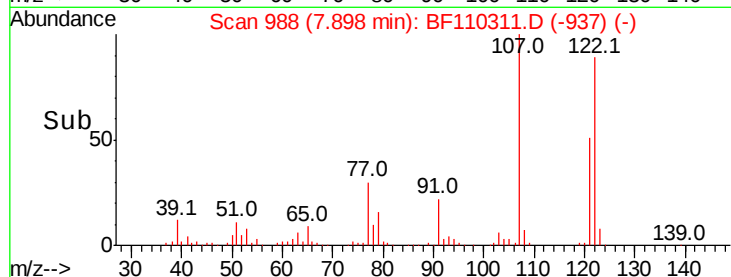
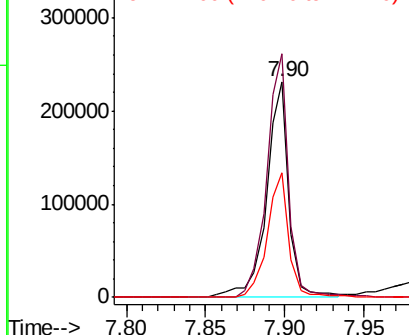


Abundance

Ion 122.00 (121.70 to 122.70): E

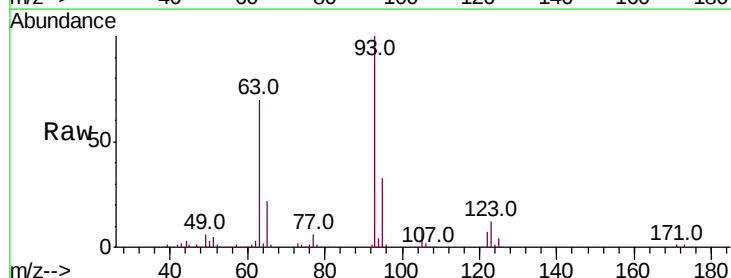
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 32.856 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	286775		
95	32.8	26.4	39.6	
123	12.0	9.0	13.6	

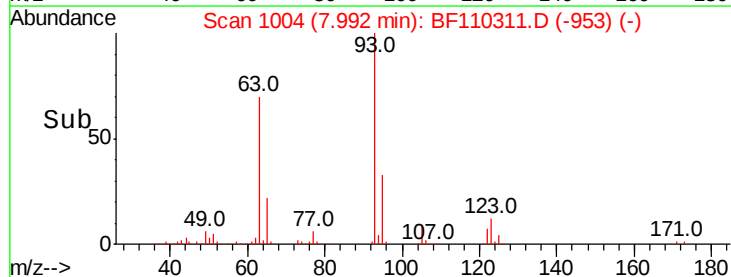
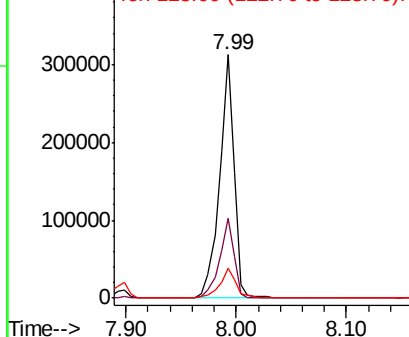


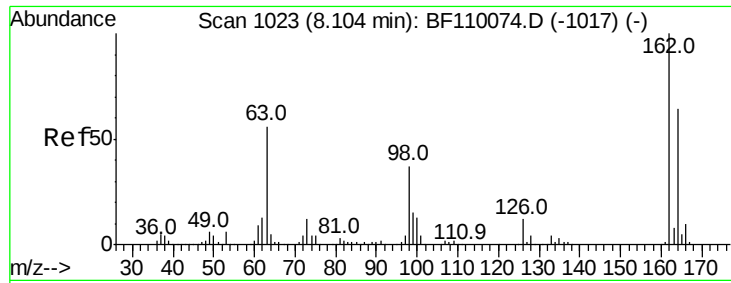
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





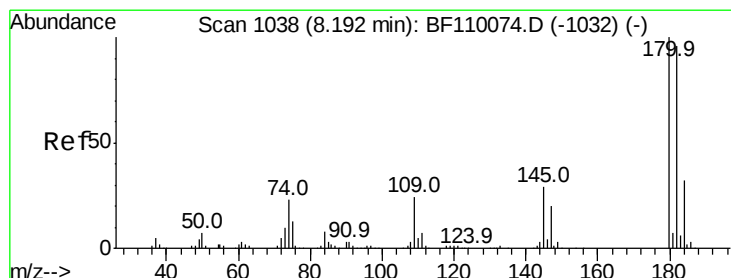
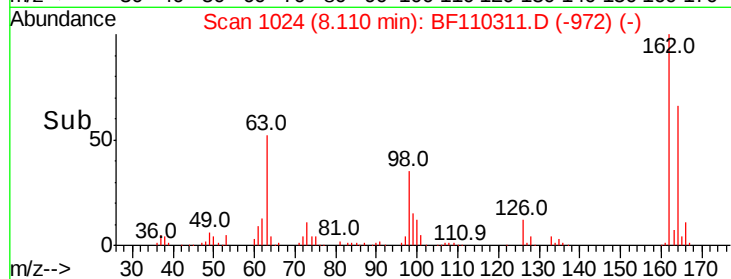
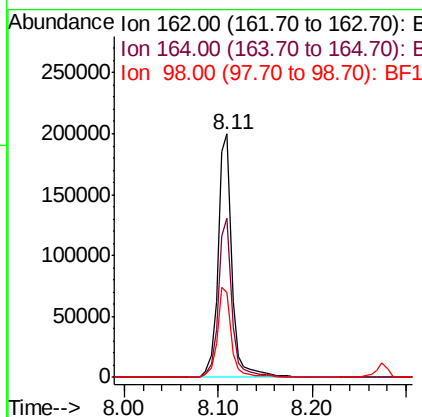
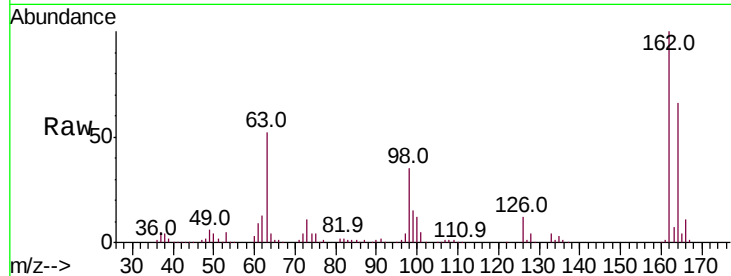
#29
2,4-Dichlorophenol
Concen: 33.529 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	207966		
164	65.6		44.6	84.6
98	34.9		17.4	57.4

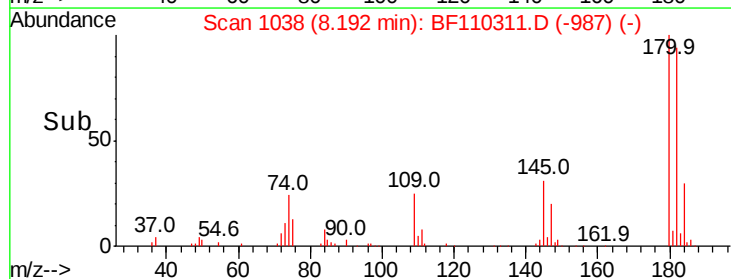
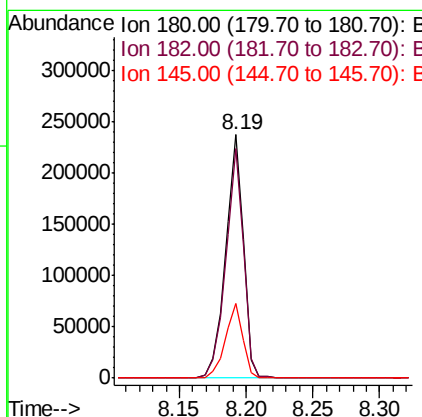
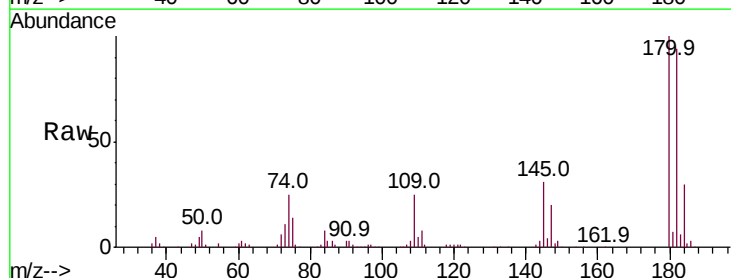
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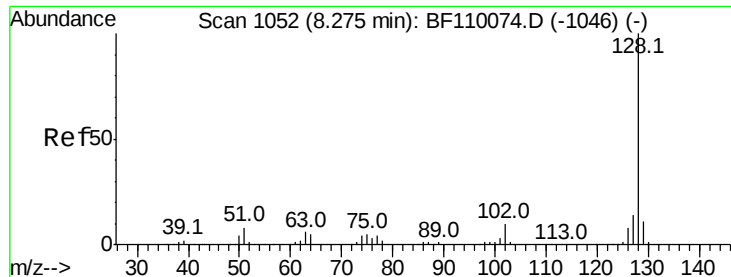
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 32.245 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	224026		
182	94.3		80.3	120.5
145	30.6		25.4	38.0





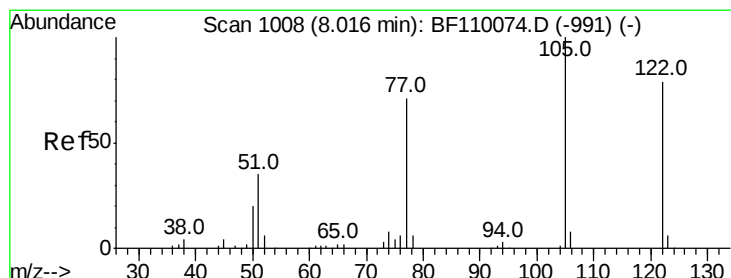
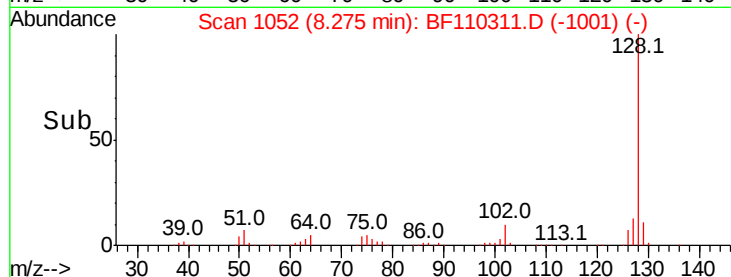
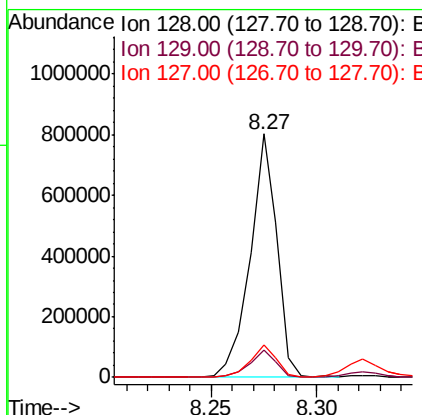
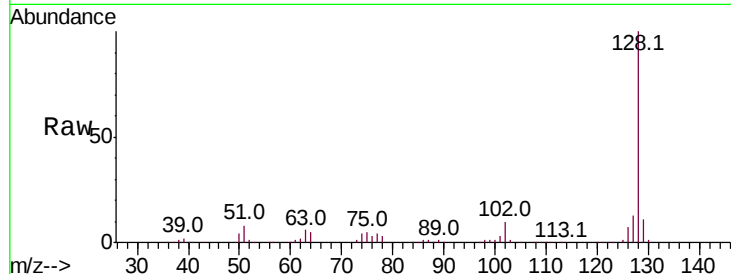
#31
Naphthalene
Concen: 34.429 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.8	16.2

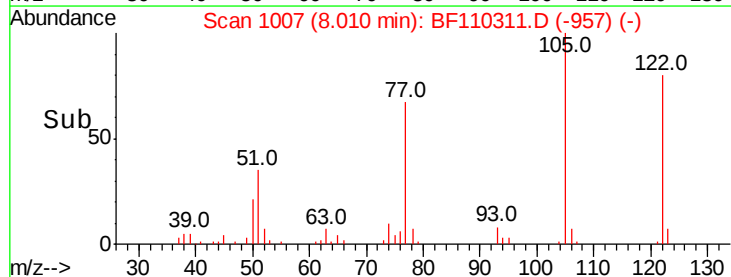
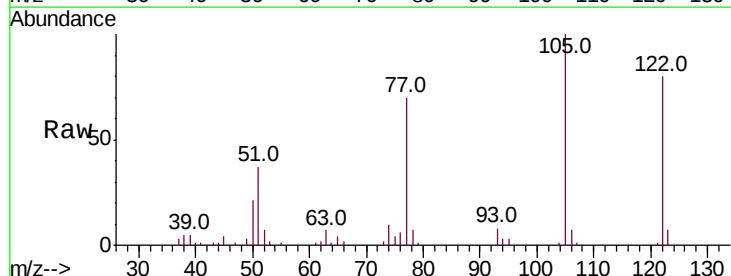
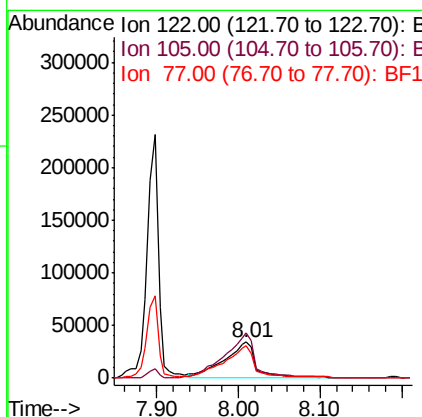
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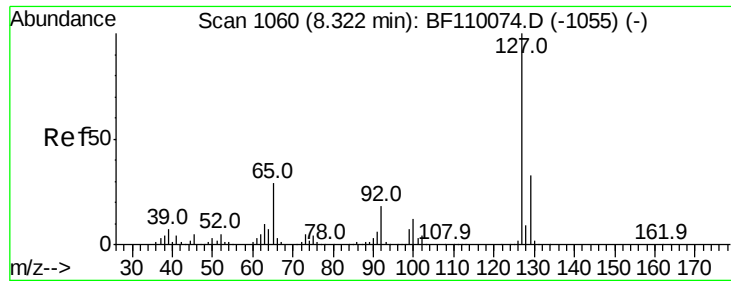
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#32
Benzoic acid
Concen: 19.553 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	109.0	149.0
77	88.5	79.0	119.0





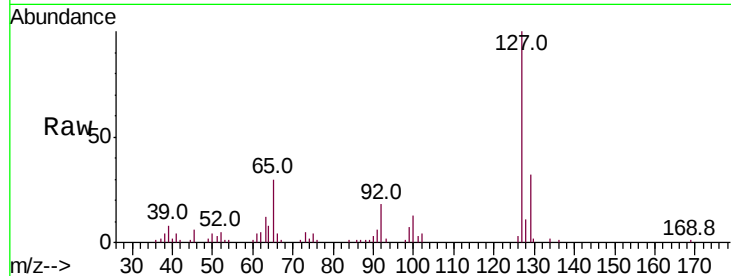
#33
4-Chloroaniline
Concen: 8.317 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	29.6	25.1	37.7		
92	18.1	15.0	22.6		

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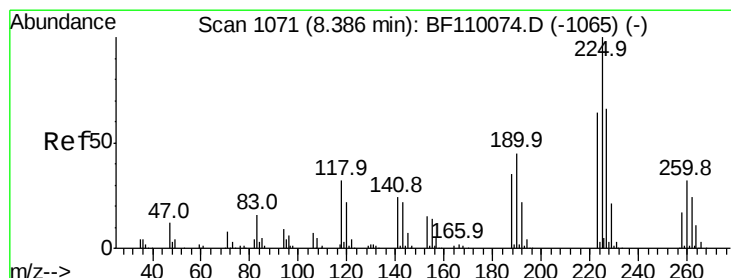
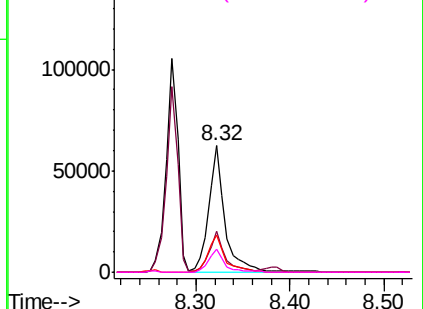
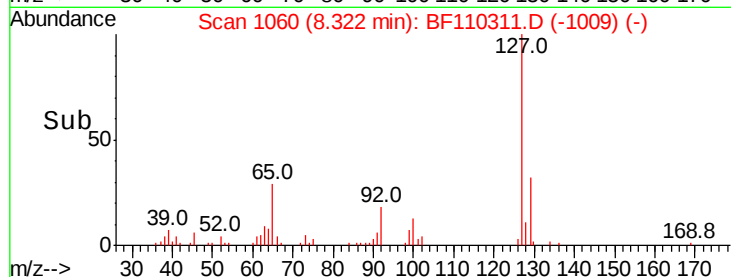
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

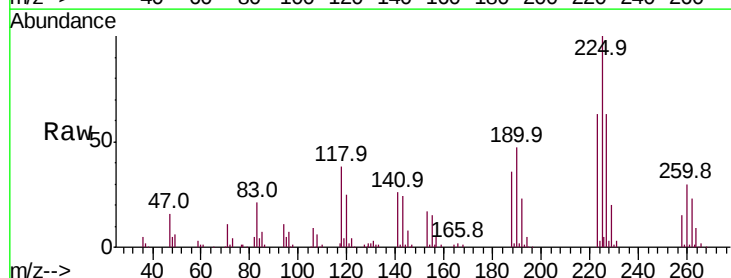
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 31.979 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.4	77.2		
227	63.2	51.0	76.6		

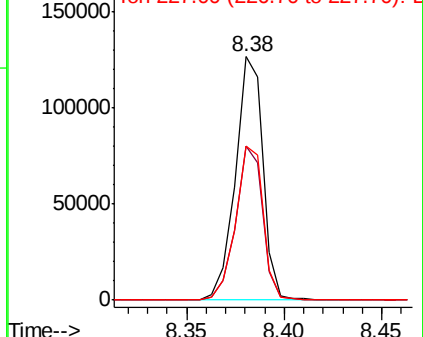
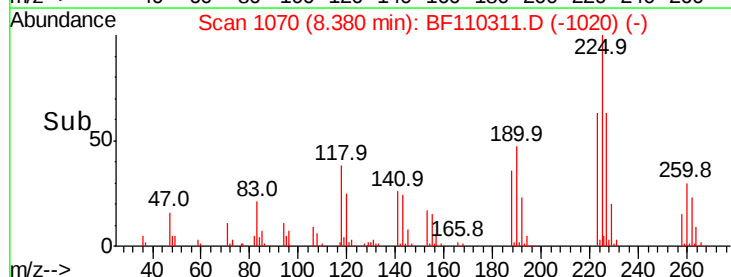


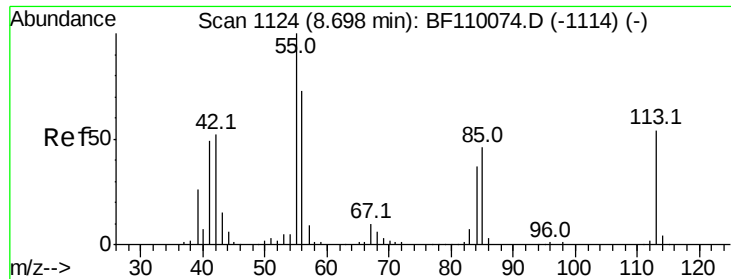
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





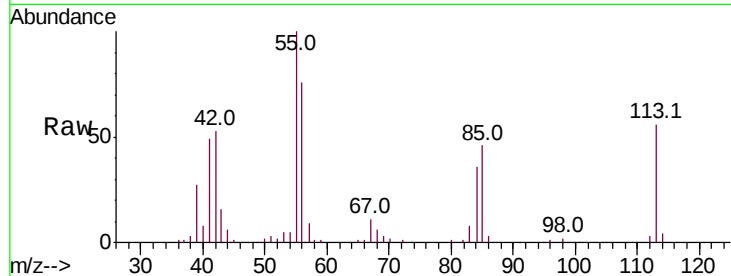
#35
 Caprolactam
 Concen: 29.166 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleID :
 PB114313BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.2	142.8	182.8
56	135.2	105.0	145.0

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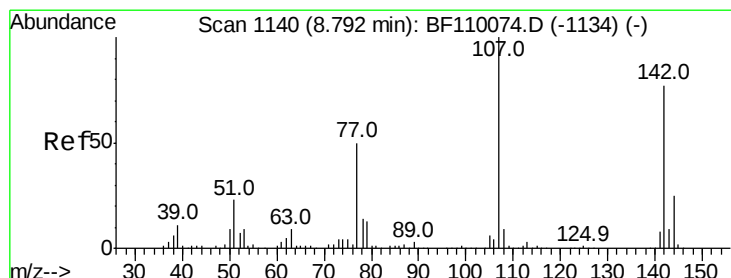
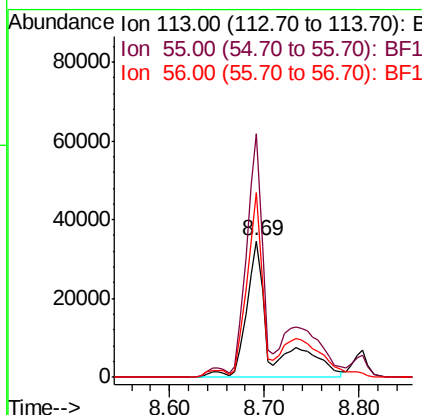
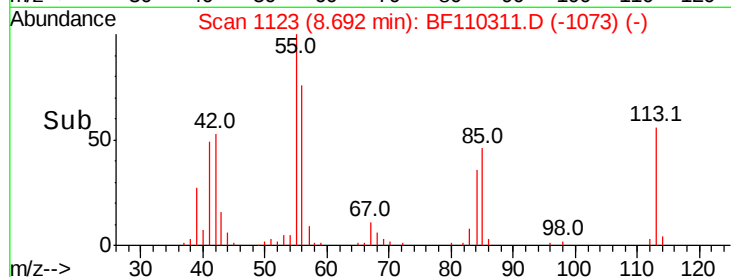


Abundance

Ion 113.00 (112.70 to 113.70): E

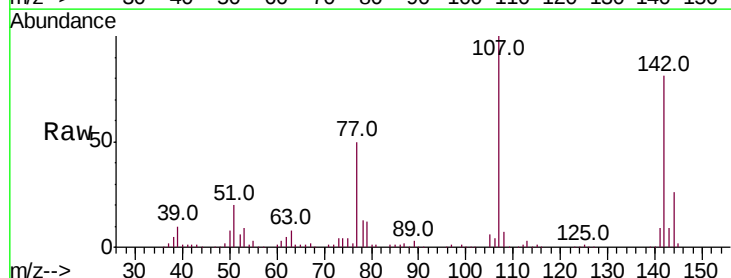
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 32.720 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.0	30.0
142	80.8	59.7	89.5

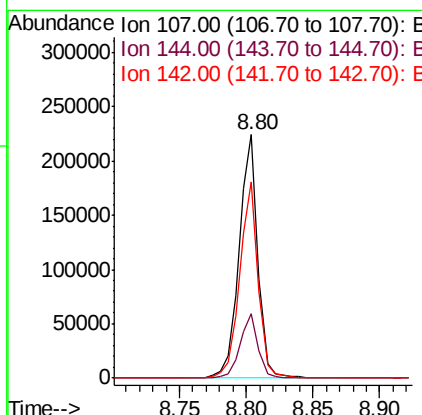
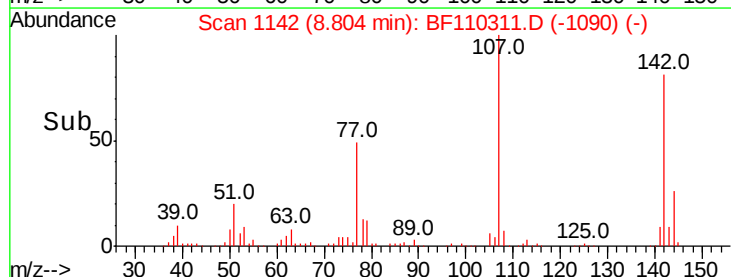


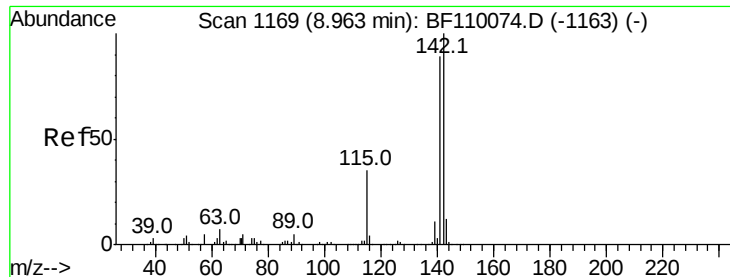
Abundance

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





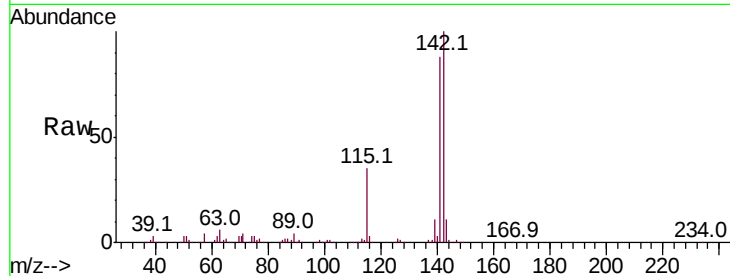
#37
2-Methylnaphthalene
Concen: 35.930 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	489821		
141	88.5	71.4	107.2	
115	34.5	28.7	43.1	

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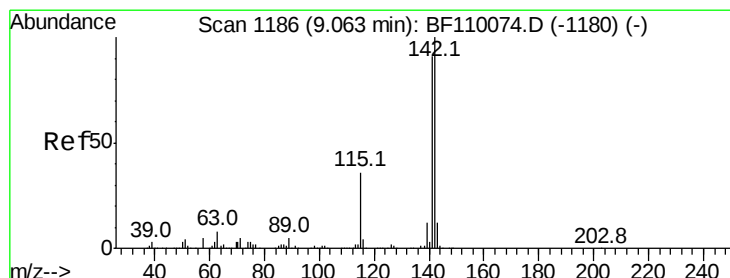
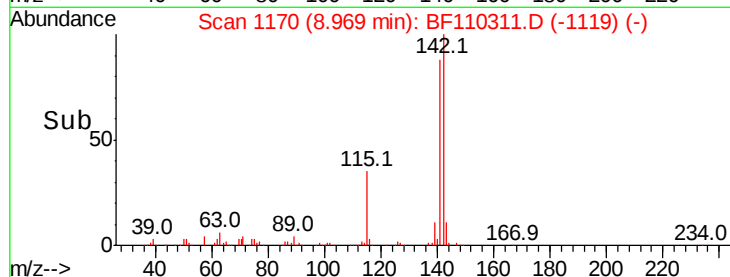
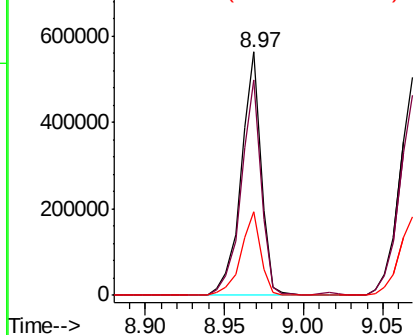


Abundance

Ion 142.00 (141.70 to 142.70): E

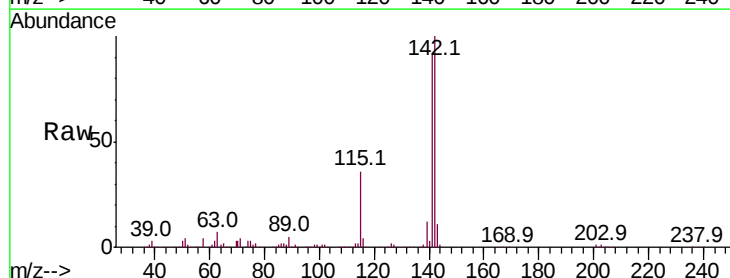
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.477 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	454209		
141	92.0	74.2	111.4	
116	3.8	2.6	4.0	

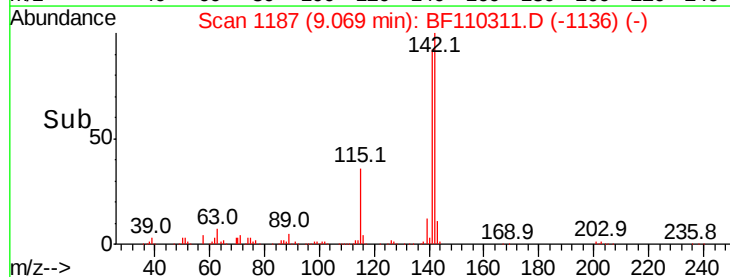
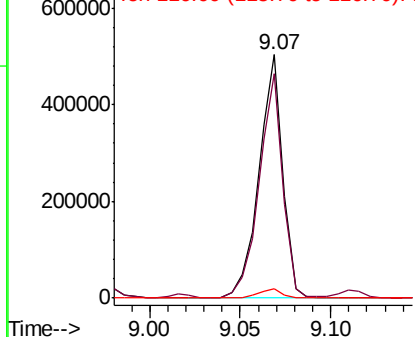


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





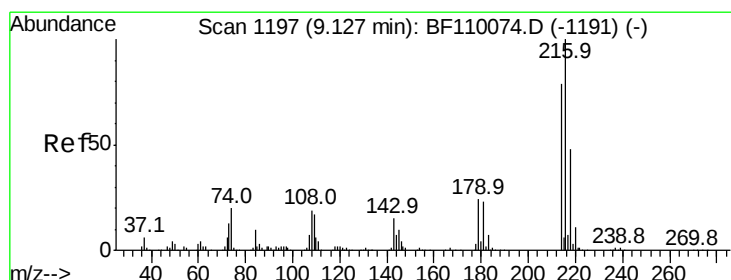
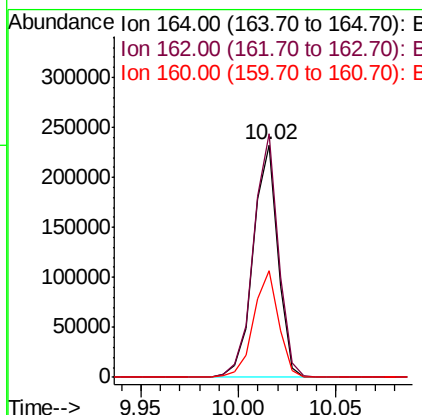
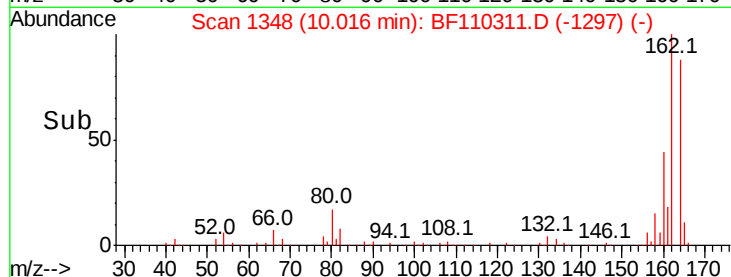
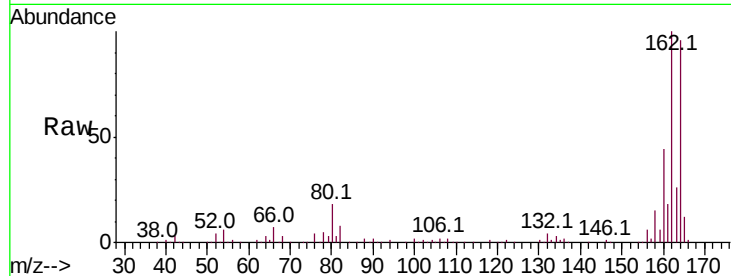
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.0	124.6
160	45.7	37.0	55.6

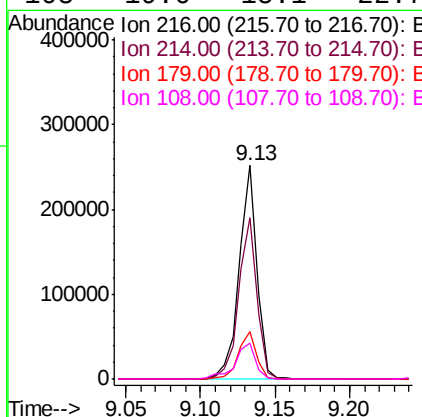
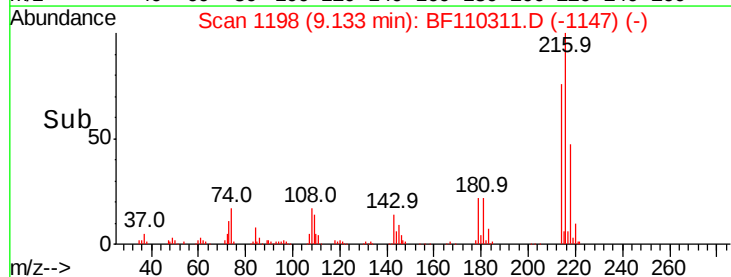
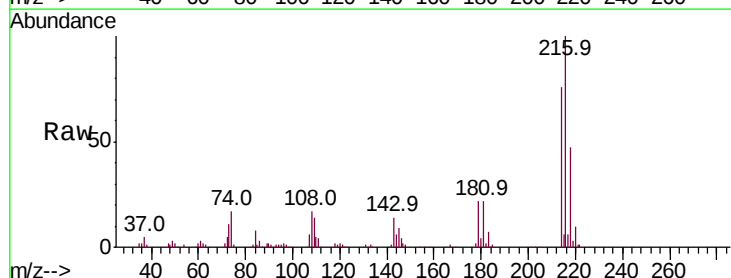
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.876 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.8	95.6
179	22.5	16.6	25.0
108	19.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 34.989 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

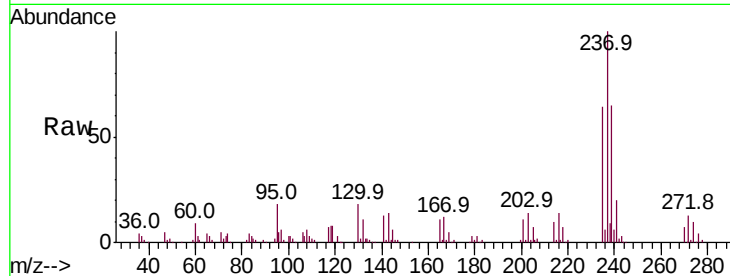
ClientSampleId :

PB114313BSD

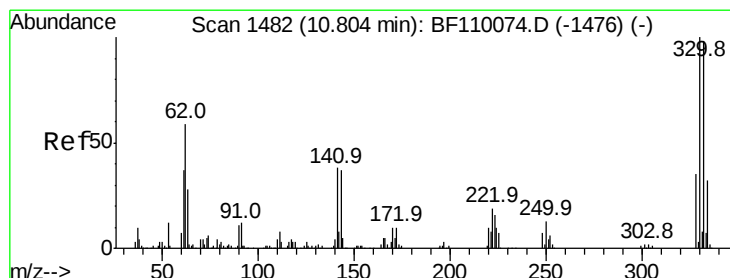
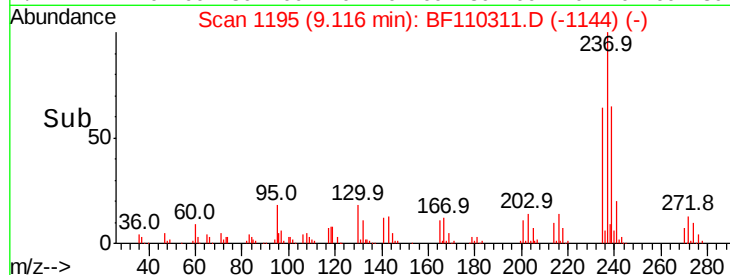
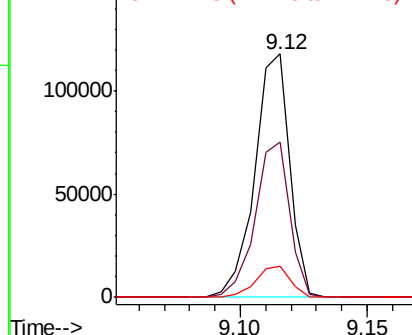
Tot Ion:	237	Resp:	113751
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.1	83.1
272	12.8	0.0	32.6

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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: 59.243 ng

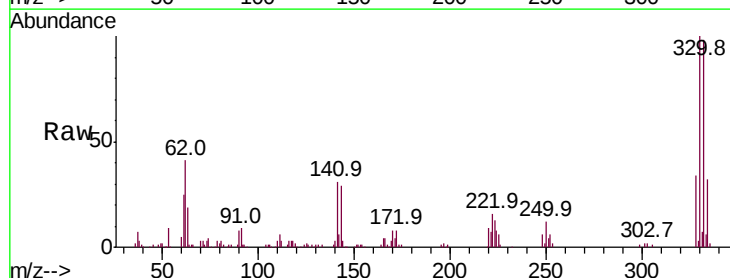
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

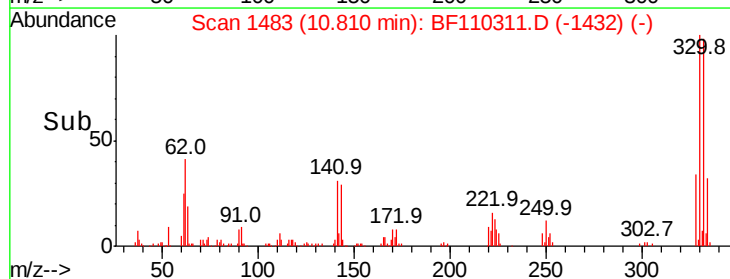
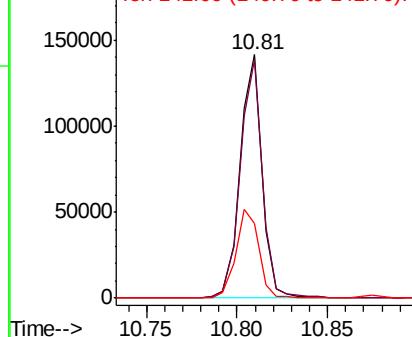
Lab File: BF110311.D

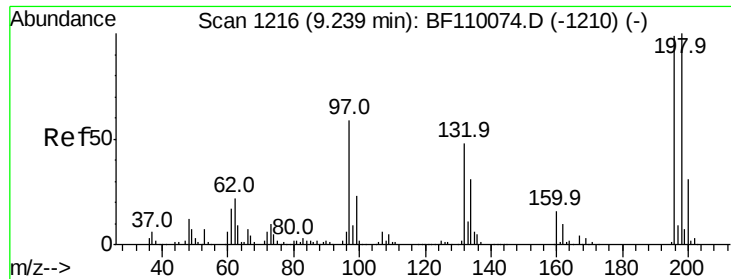
Acq: 30 Oct 2018 18:57

Tgt Ion:	330	Resp:	119749
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.1	115.7
141	38.3	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





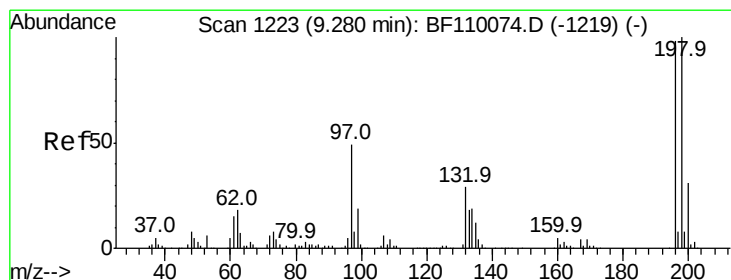
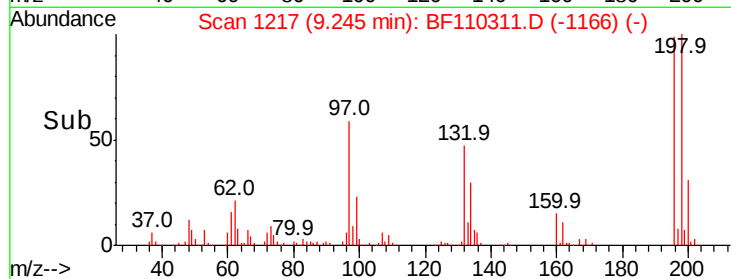
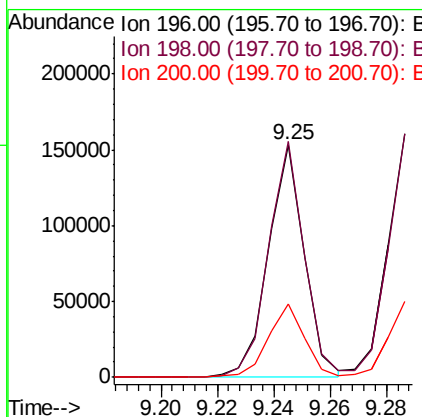
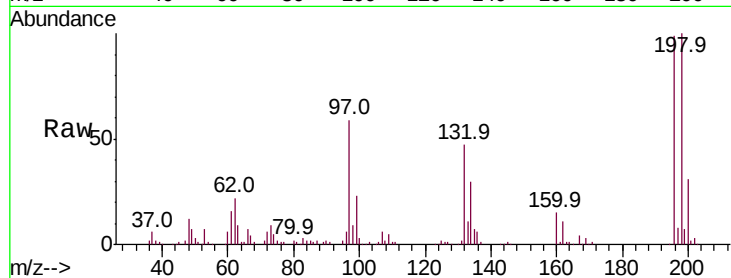
#43
 2,4,6-Trichlorophenol
 Concen: 33.105 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion:	196	Resp:	135760
Ion Ratio	Lower	Upper	
196	100		
198	101.4	76.2	114.4
200	31.7	24.4	36.6

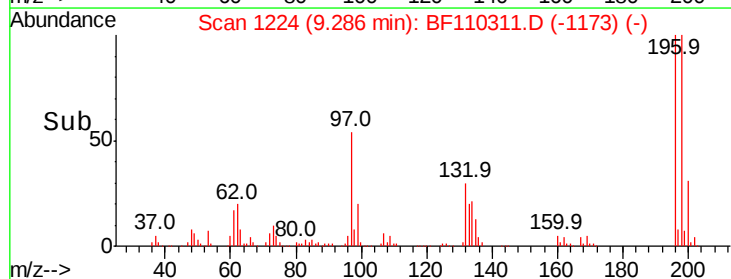
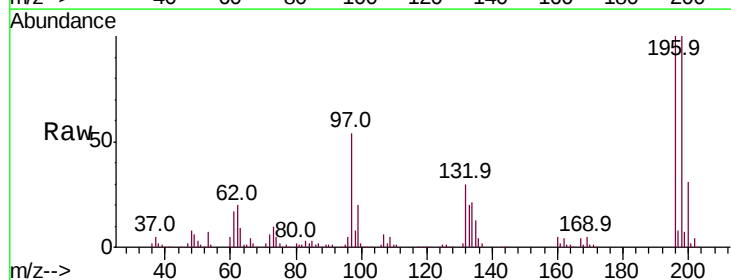
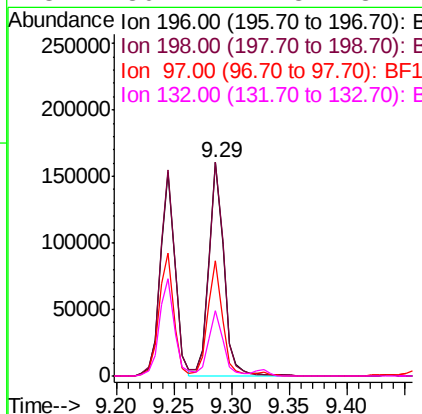
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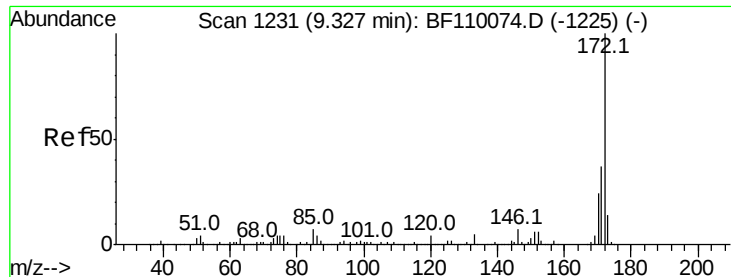
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#44
 2,4,5-Trichlorophenol
 Concen: 34.006 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion:	196	Resp:	147406
Ion Ratio	Lower	Upper	
196	100		
198	99.9	75.8	113.6
97	54.0	42.4	63.6
132	30.4	22.8	34.2





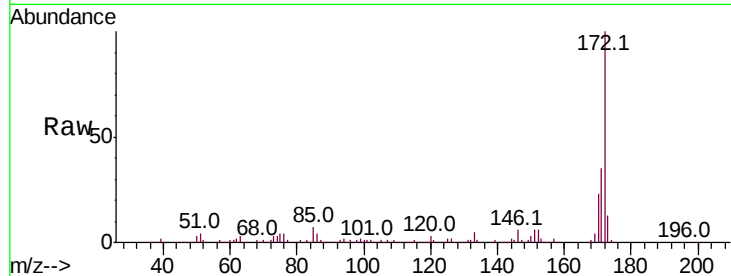
#45
2-Fluorobiphenyl
Concen: 72.020 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

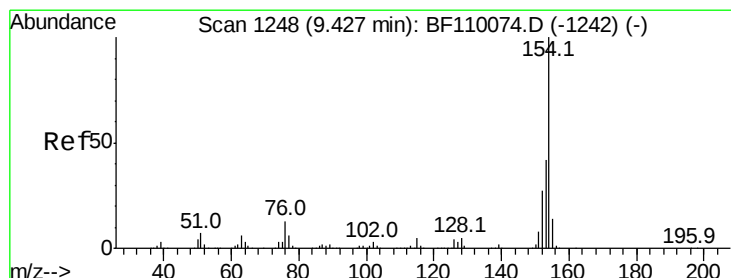
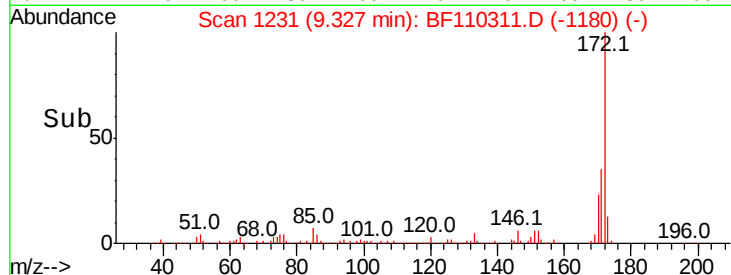
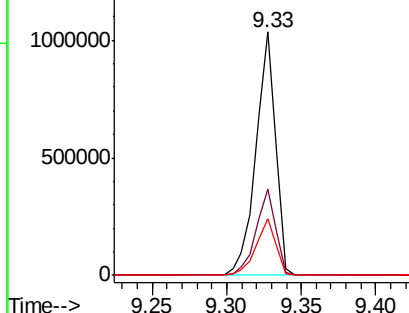
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	28.6	43.0	
170	23.3	19.7	29.5	

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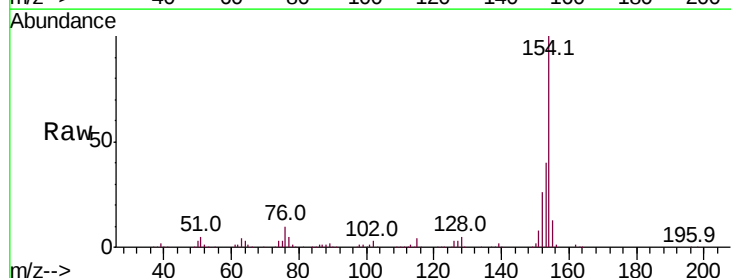


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

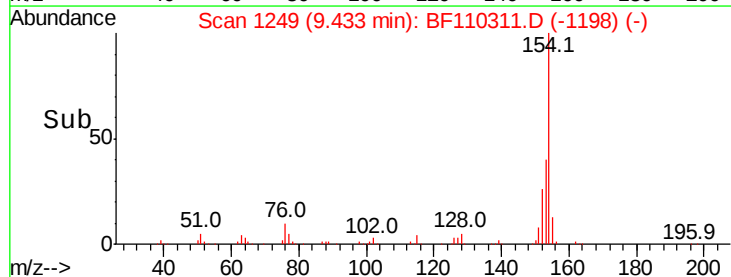
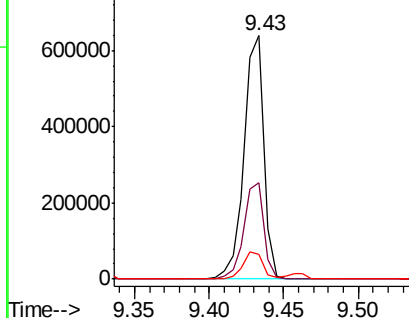


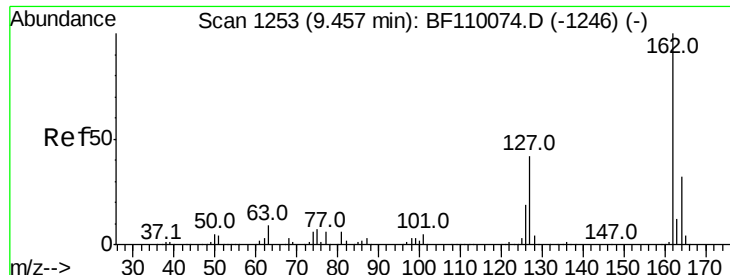
#46
1,1'-Biphenyl
Concen: 31.853 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.7	20.4	60.4	
76	10.2	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





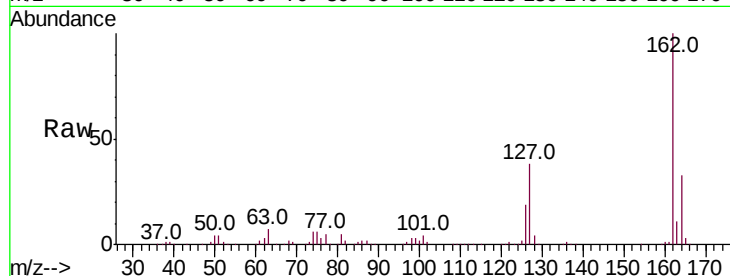
#47
 2-Chloronaphthalene
 Concen: 32.841 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

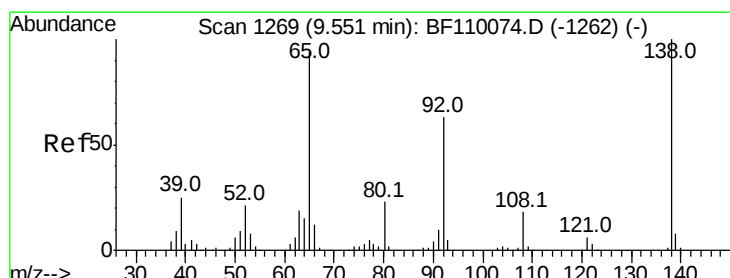
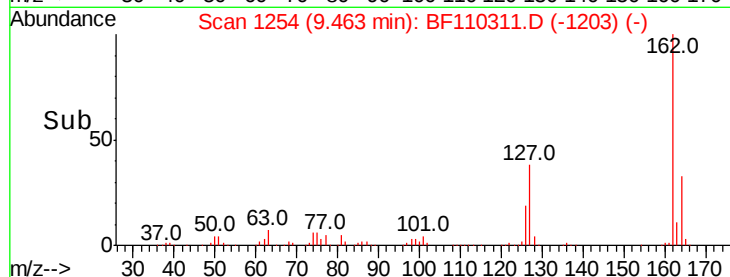
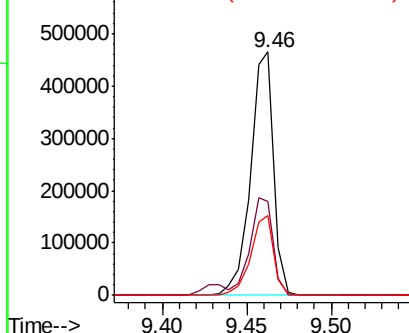
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		444535		
127	38.4	32.6	48.8		
164	32.9	25.9	38.9		

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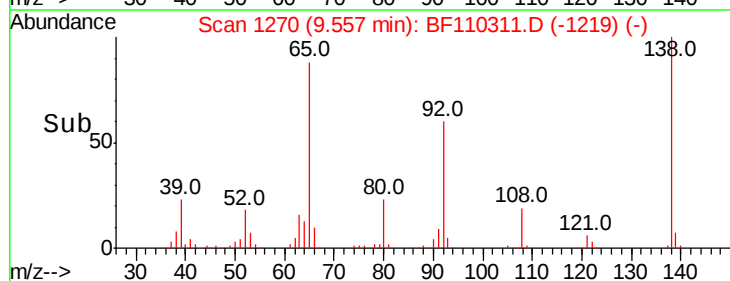
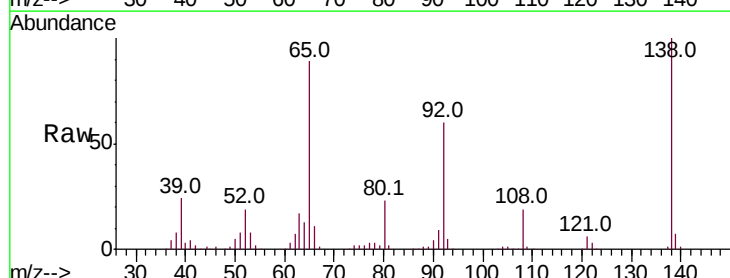
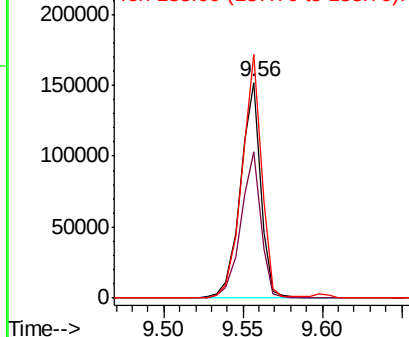
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

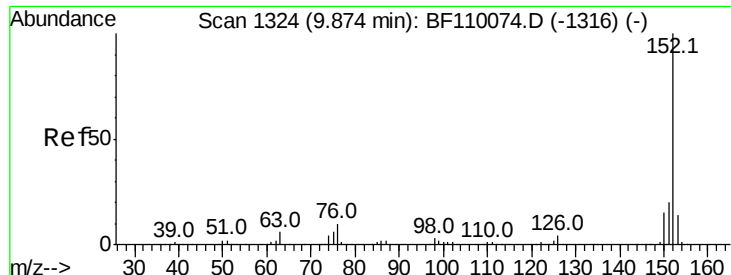


#48
 2-Nitroaniline
 Concen: 32.655 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		133941		
92	67.9	54.6	81.8		
138	113.0	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: 34.948 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

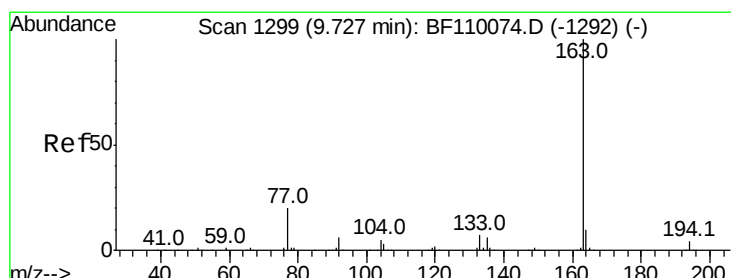
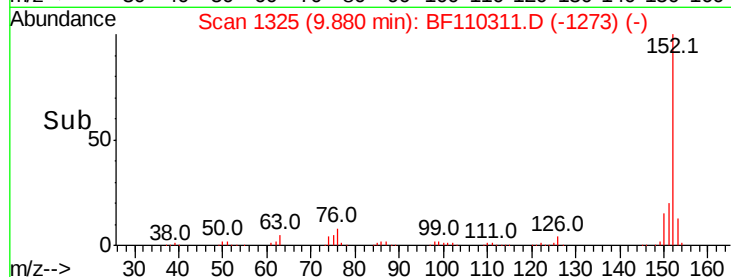
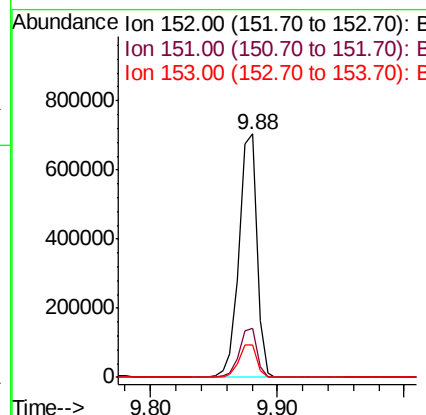
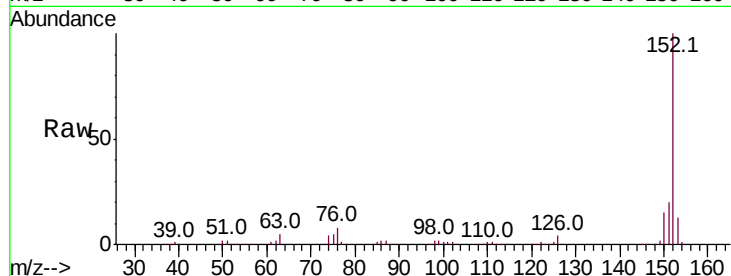
ClientSampleId :

PB114313BSD

Tot Ion:	152	Resp:	683244
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 34.483 ng

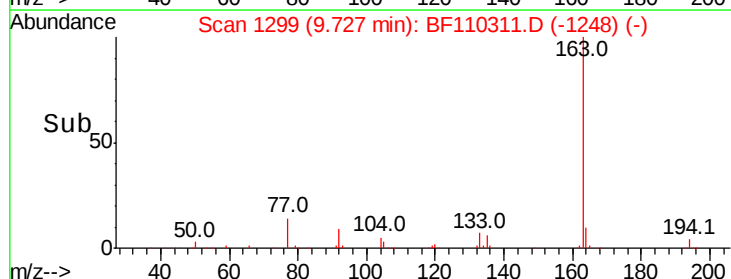
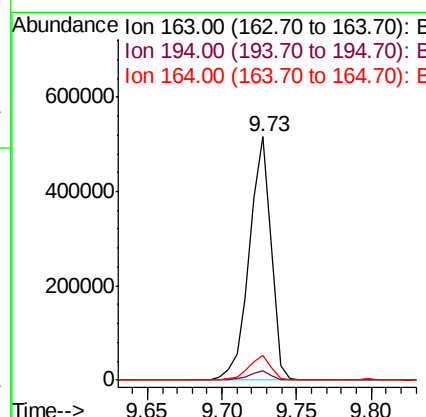
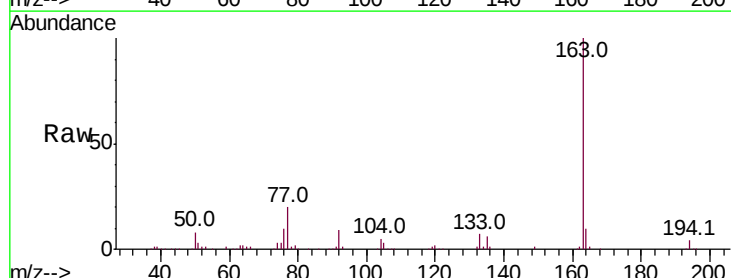
RT: 9.73 min Scan# 1299

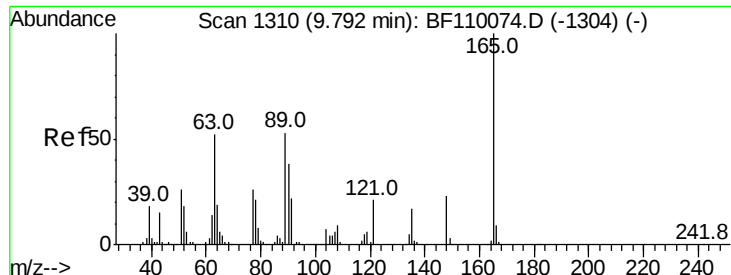
Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	163	Resp:	519415
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1





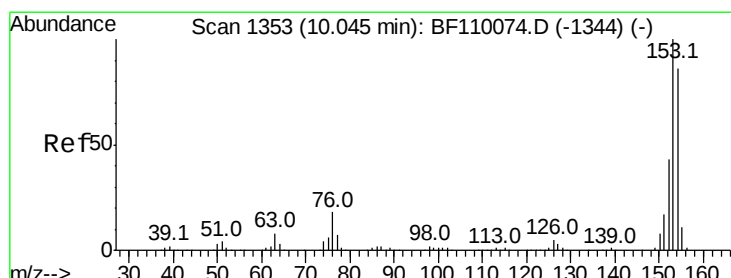
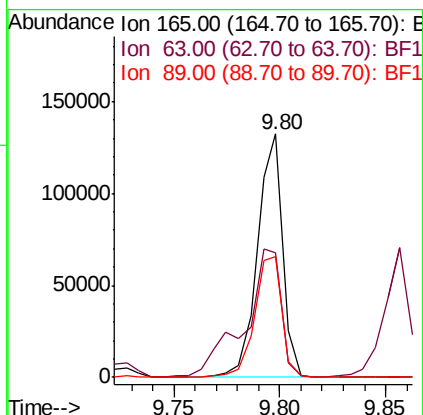
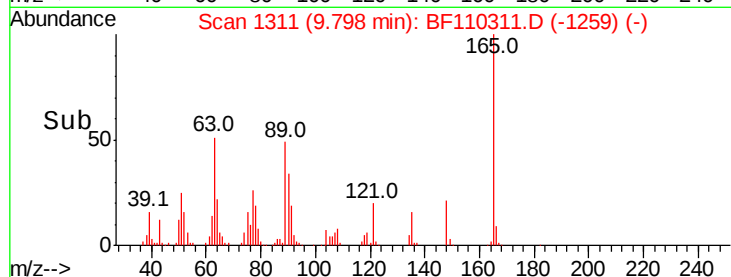
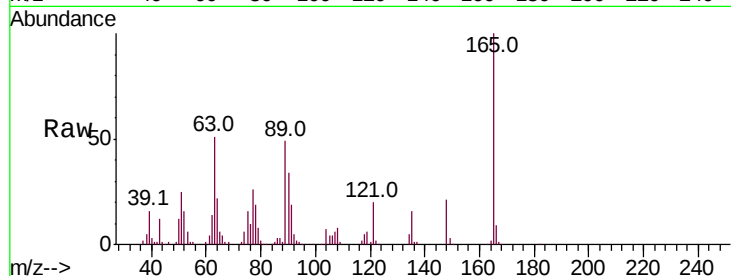
#51
2,6-Dinitrotoluene
Concen: 33.885 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	109944		
63	51.2	48.9	73.3	
89	49.4	46.6	69.8	

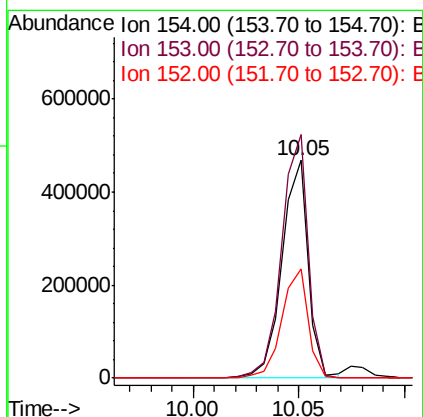
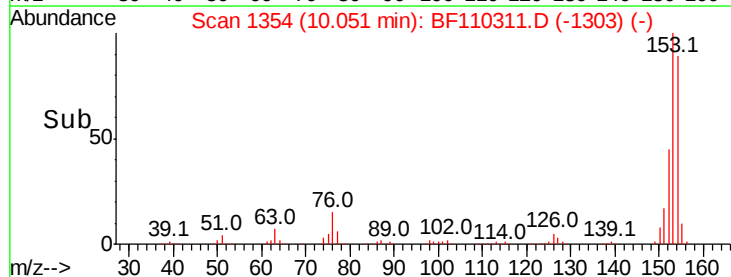
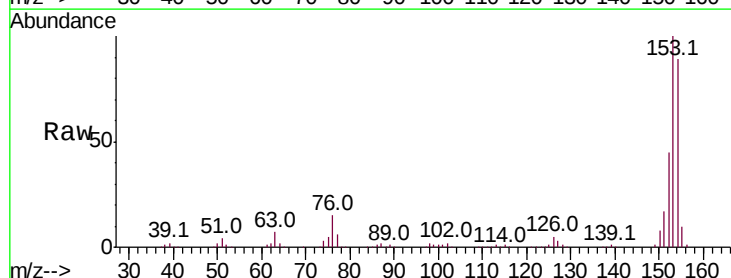
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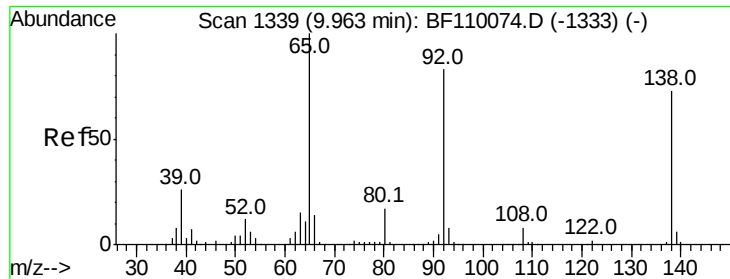
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#52
Acenaphthene
Concen: 31.556 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	408126		
153	111.9	90.1	135.1	
152	50.2	43.4	65.2	





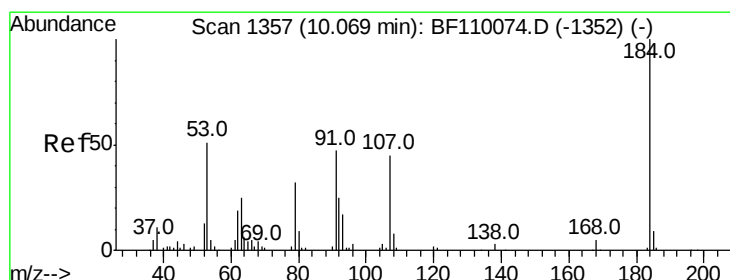
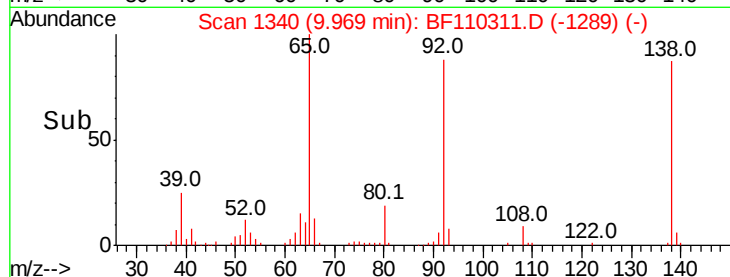
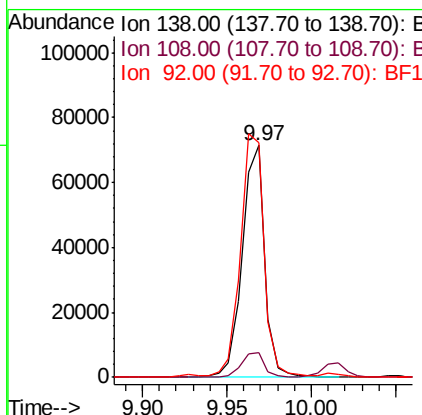
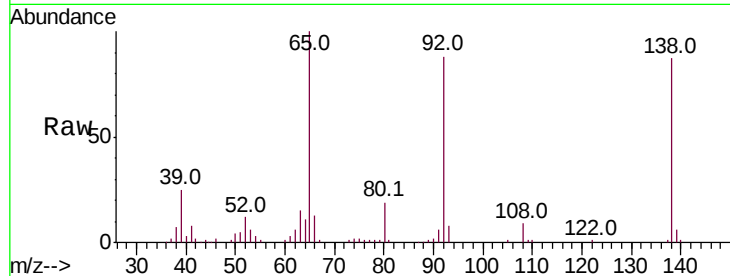
#53
3-Nitroaniline
Concen: 17.180 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	101.0	97.0	145.4

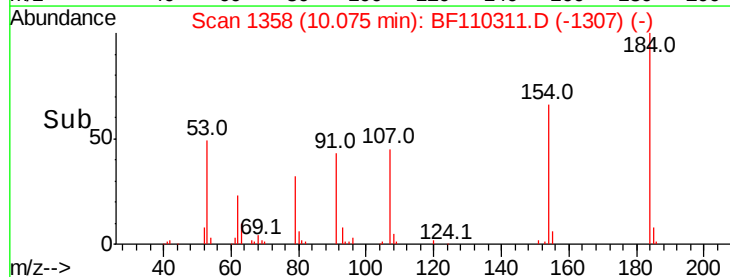
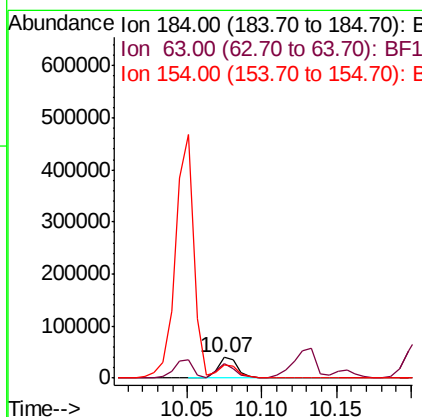
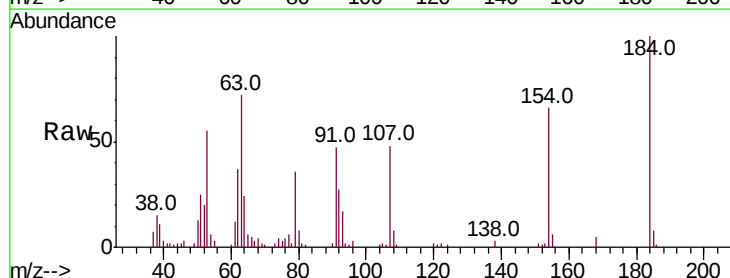
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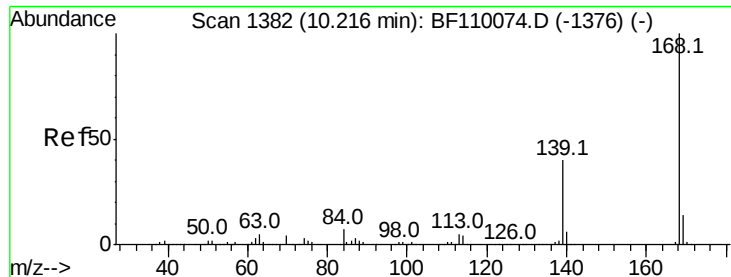
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#54
2,4-Dinitrophenol
Concen: 33.609 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.3	55.8	83.6
154	66.4	63.2	94.8





#55

Dibenzofuran

Concen: 32.637 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB114313BSD

Tot Ion:168 Resp: 590990

Ion Ratio Lower Upper

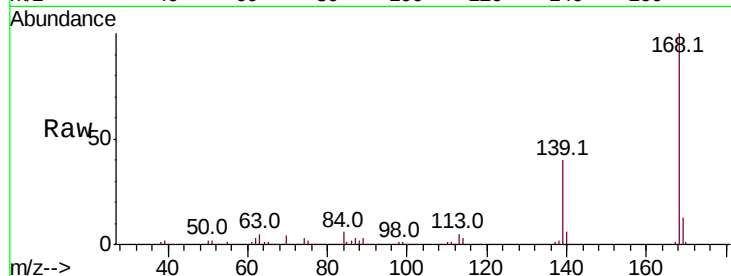
168 100

139 39.7 33.0 49.6

169 13.3 11.3 16.9

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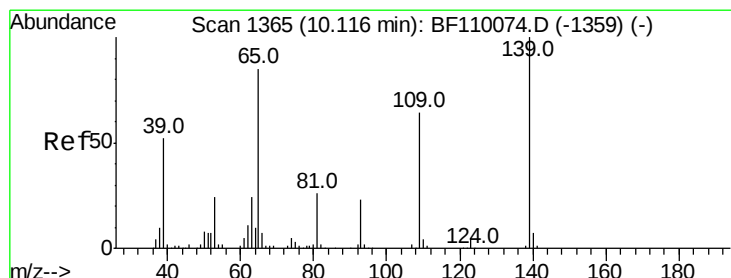
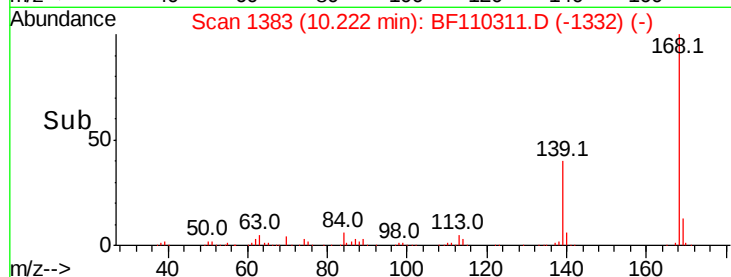
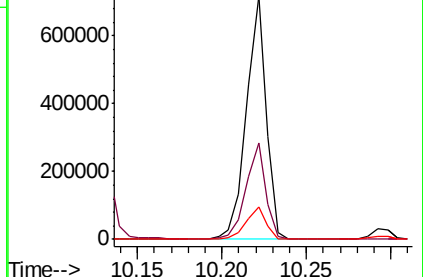
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.004 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

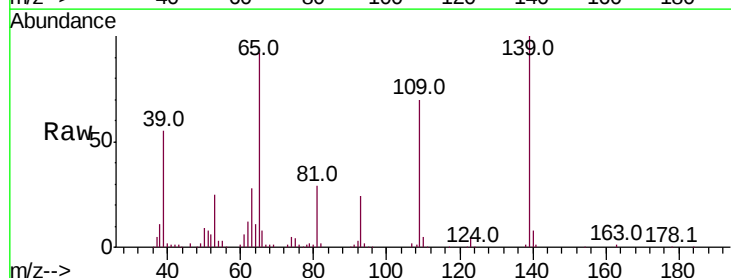
Tgt Ion:139 Resp: 222758

Ion Ratio Lower Upper

139 100

109 70.5 55.8 95.8

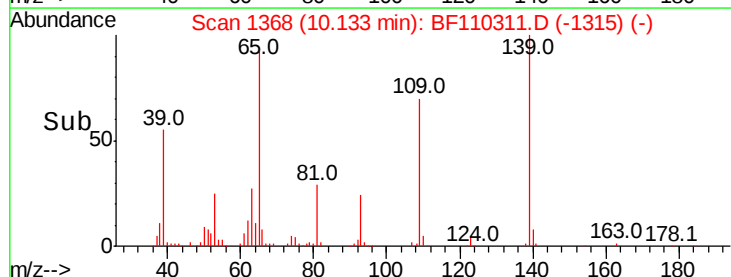
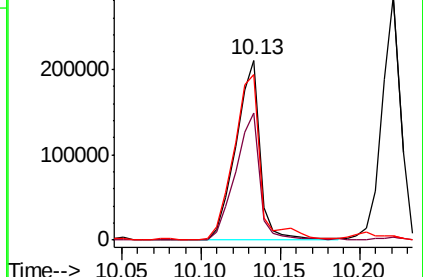
65 91.7 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





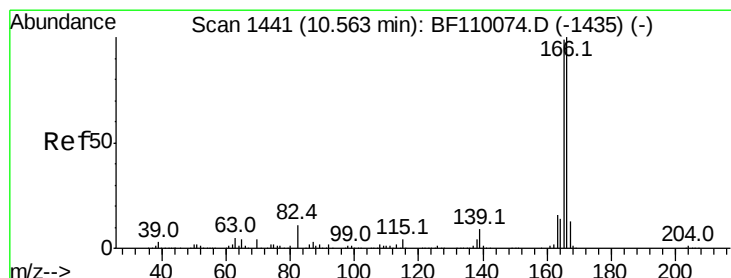
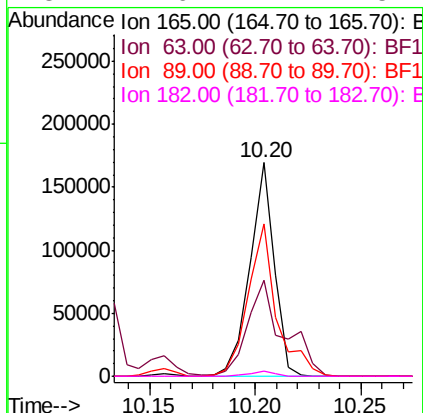
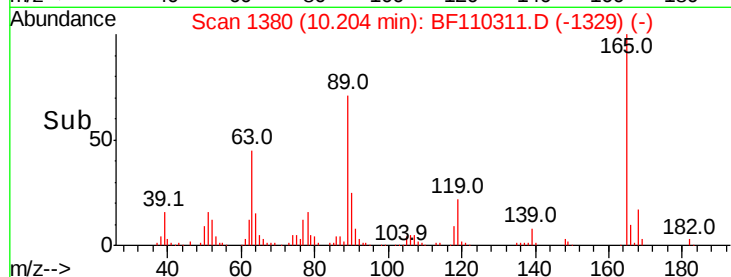
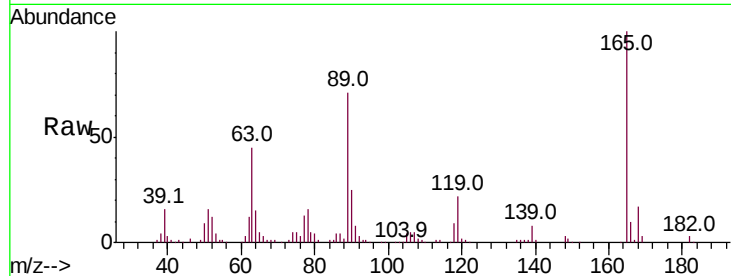
#57
2,4-Dinitrotoluene
Concen: 33.315 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	44.8	67.2
89	71.3	62.2	93.4
182	2.6	2.1	3.1

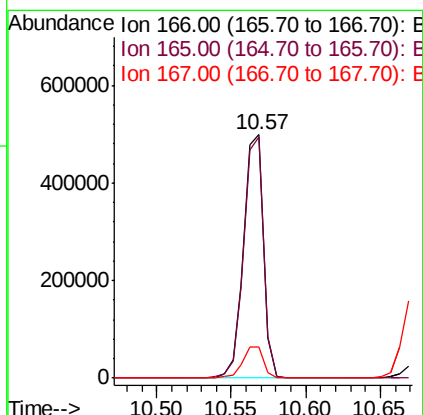
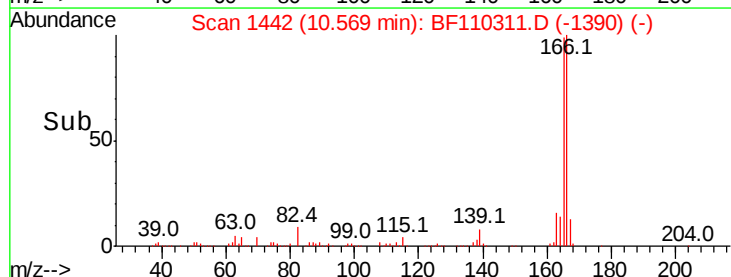
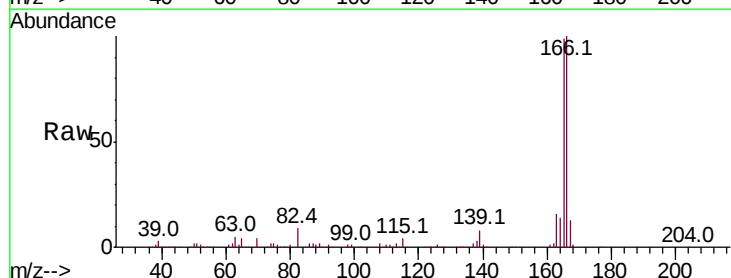
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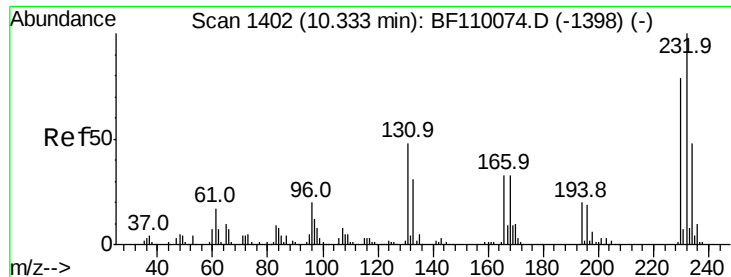
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#58
Fluorene
Concen: 34.186 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.0	10.8	16.2





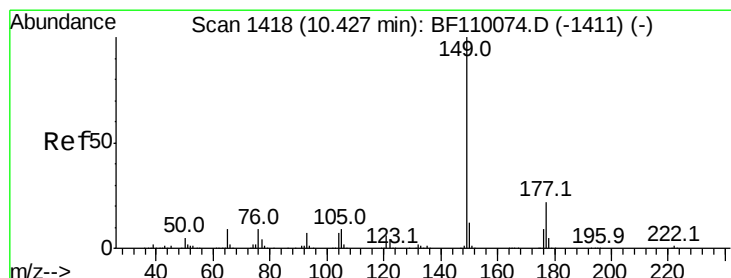
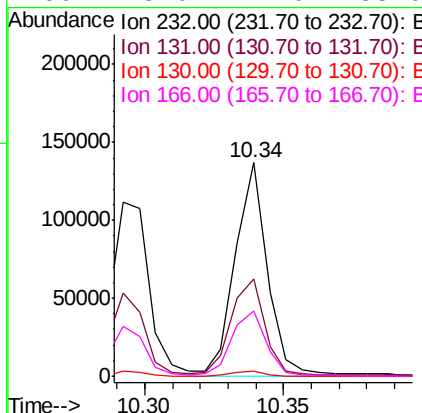
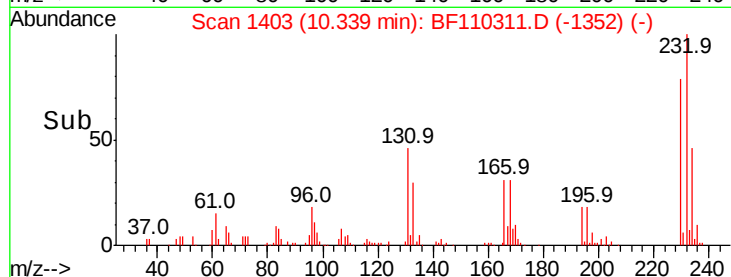
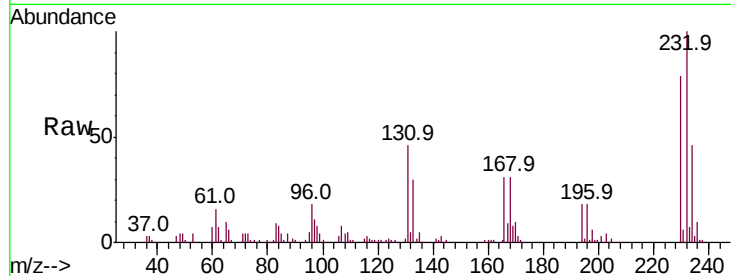
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.549 ng m
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	111469		
131	41.5		37.0	55.4
130	2.2		1.8	2.6
166	25.0		22.0	33.0

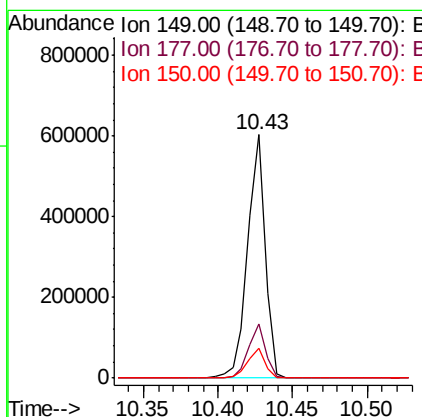
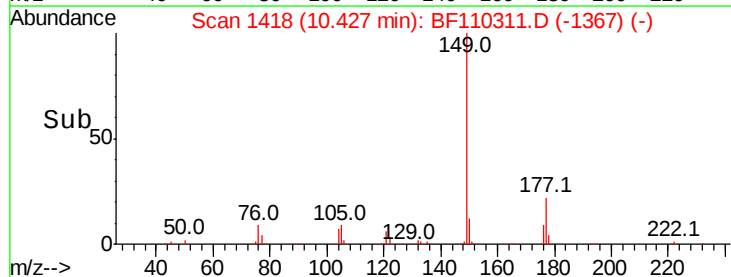
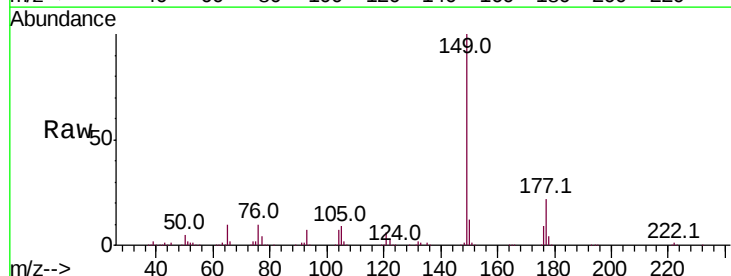
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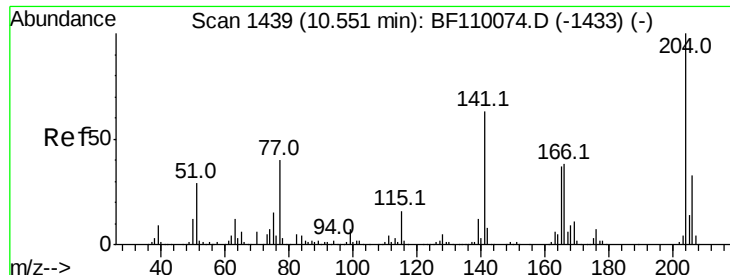
Sohil
 10/31/2018 11:15:03 AM



#60
 Diethylphthalate
 Concen: 33.473 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	492193		
177	22.3		17.4	26.2
150	12.4		9.8	14.8





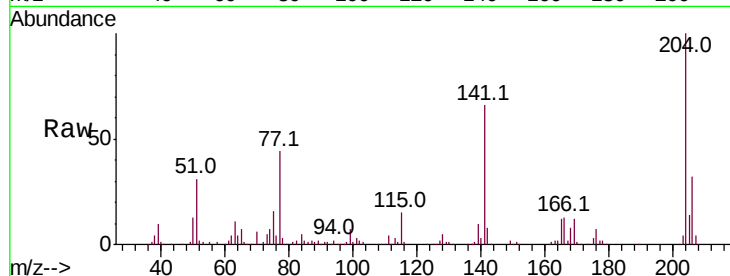
#61
4-Chlorophenyl-phenylether
Concen: 31.107 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.4	26.5	39.7	
141	66.4	51.8	77.8	

Manual Integrations
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Sohil
10/31/2018 11:15:03 AM

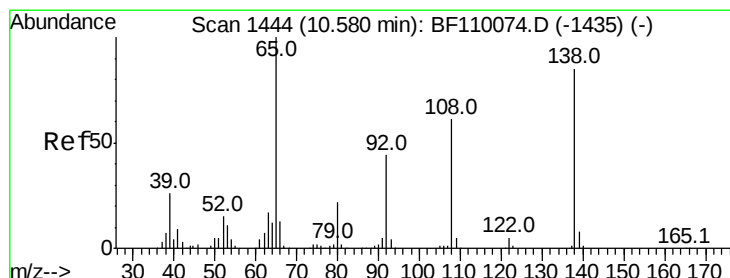
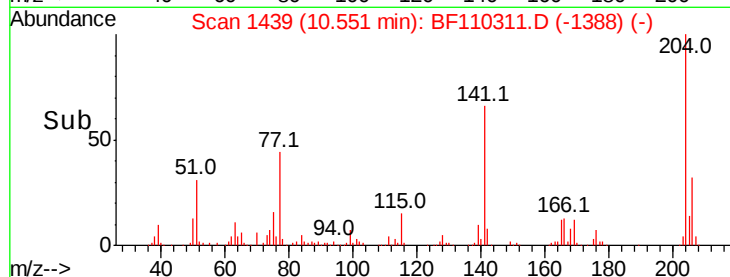
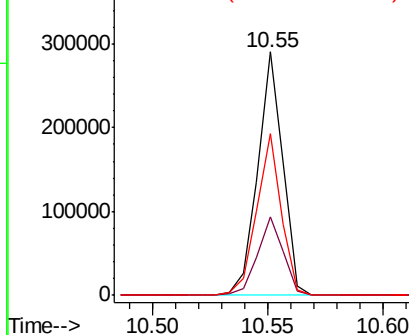


Abundance

Ion 204.00 (203.70 to 204.70): E

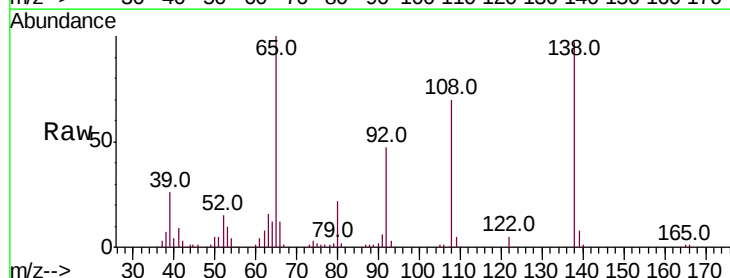
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 25.399 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	47.9	31.7	71.7	
108	71.9	59.3	99.3	

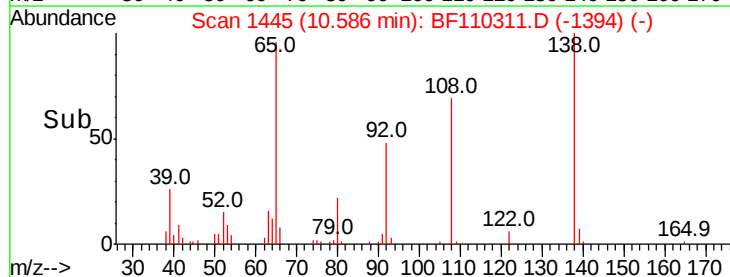
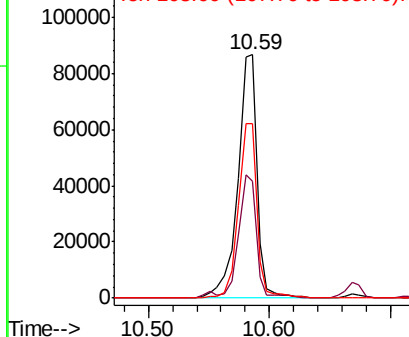


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





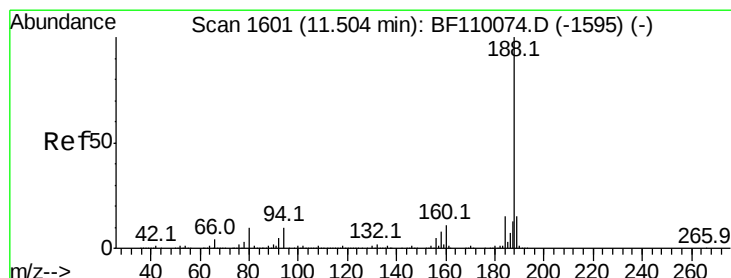
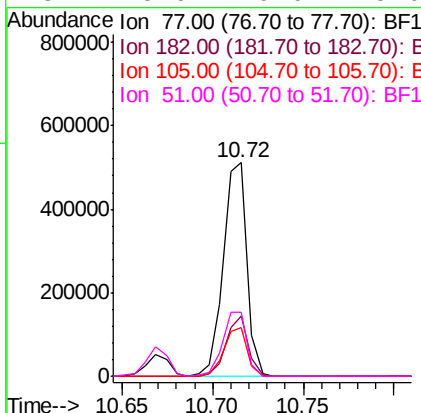
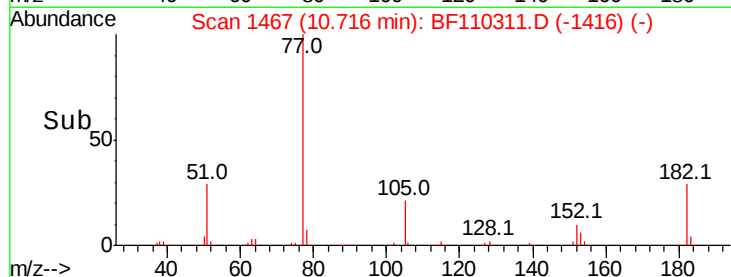
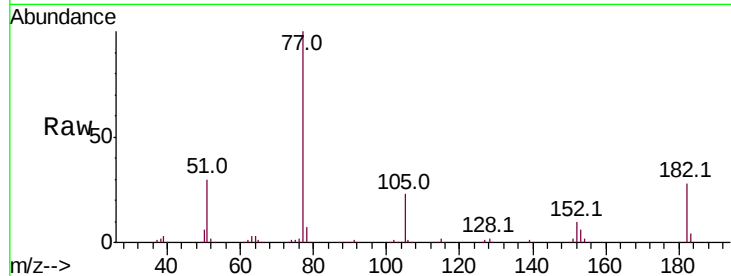
#63
Azobenzene
Concen: 31.791 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	28.4	4.3	44.3	
105	22.8	1.3	41.3	
51	29.9	9.0	49.0	

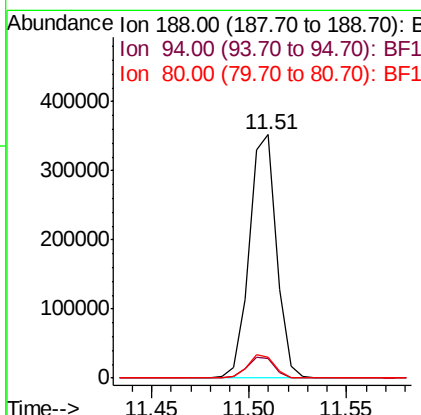
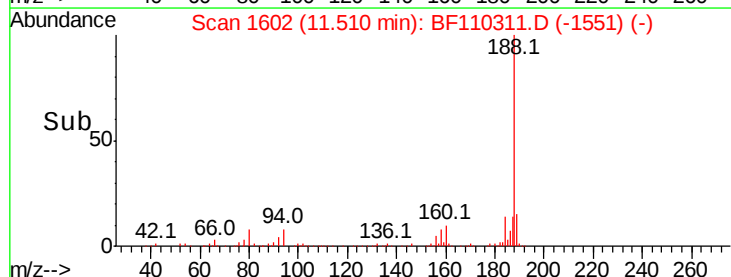
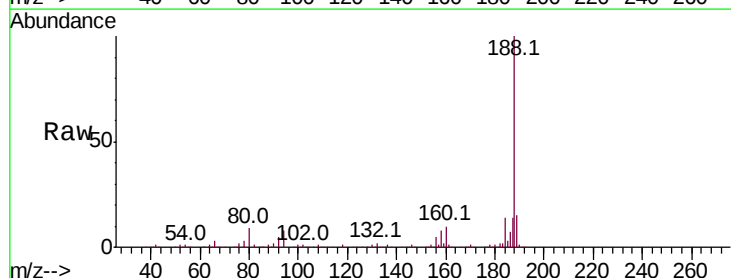
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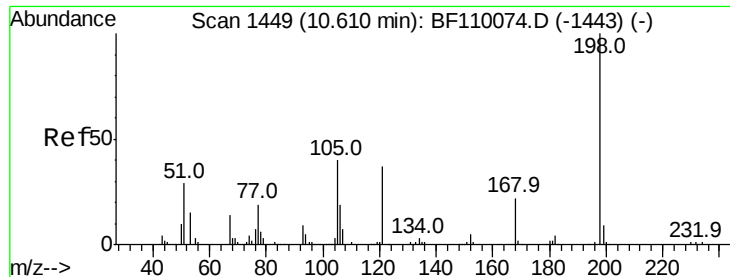
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.2	7.2	10.8	
80	8.5	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 19.259 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

ClientSampleId :

PB114313BSD

Tot Ion:198 Resp: 29896

Ion Ratio Lower Upper

198 100

51 59.7 22.8 62.8

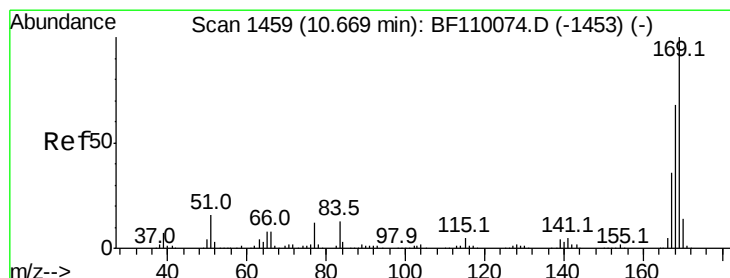
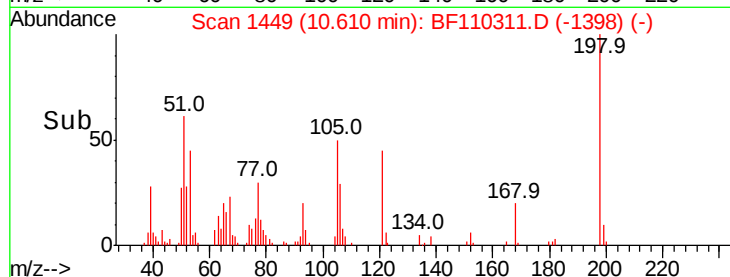
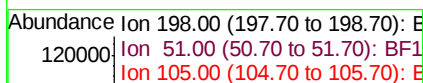
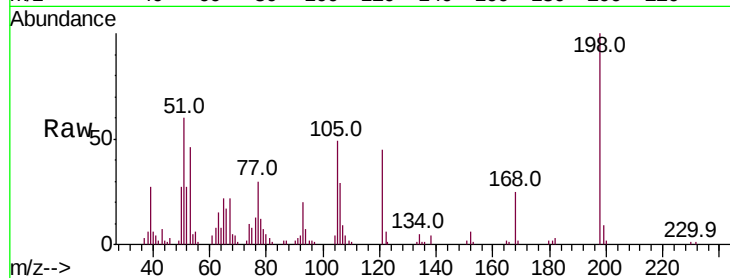
105 49.2 23.6 63.6

Manual Integrations

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#66

n-Nitrosodiphenylamine

Concen: 36.082 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

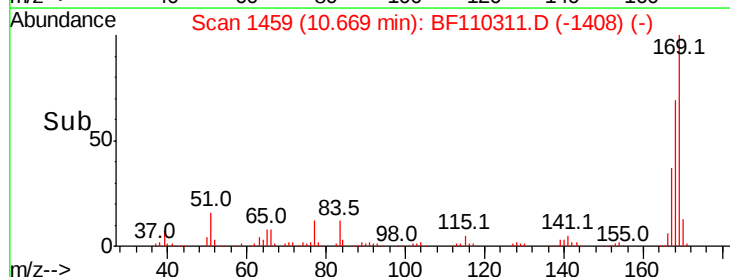
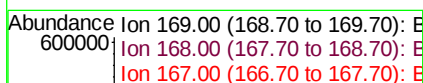
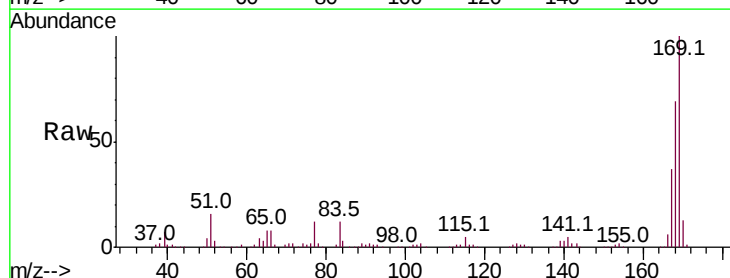
Tgt Ion:169 Resp: 402104

Ion Ratio Lower Upper

169 100

168 68.6 51.2 76.8

167 36.6 27.8 41.6





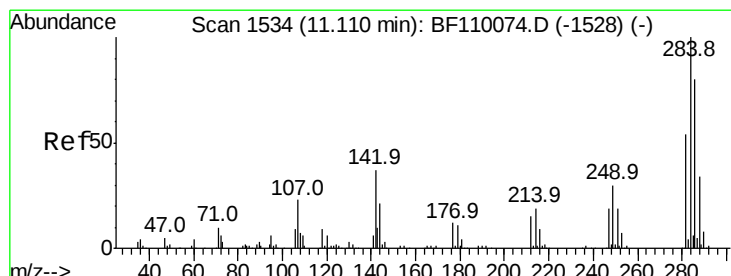
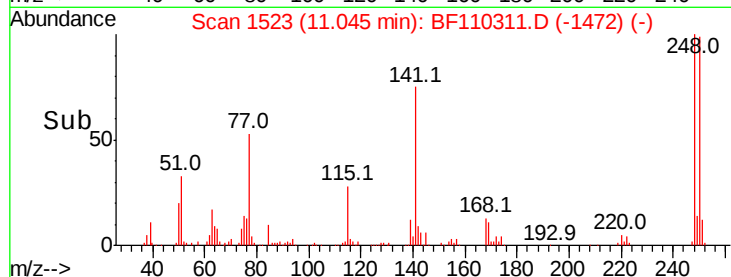
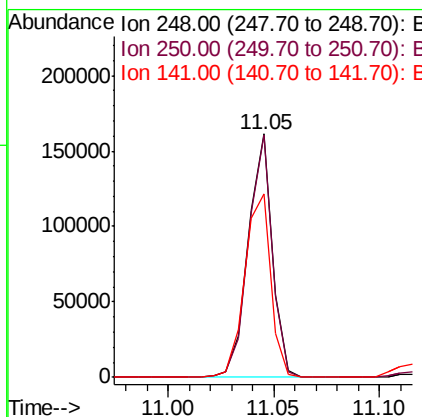
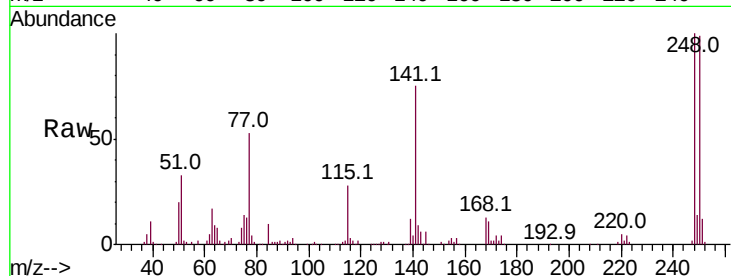
#67
 4-Bromophenyl-phenylether
 Concen: 34.782 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.4	119.2
141	75.2	55.9	83.9

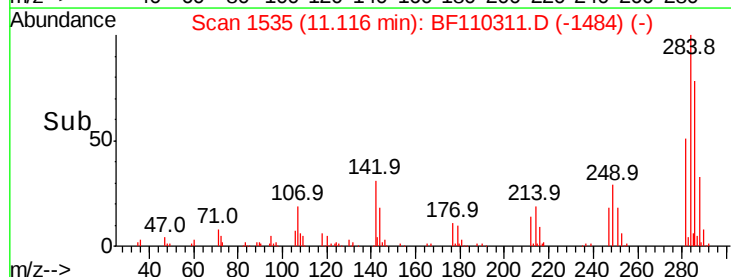
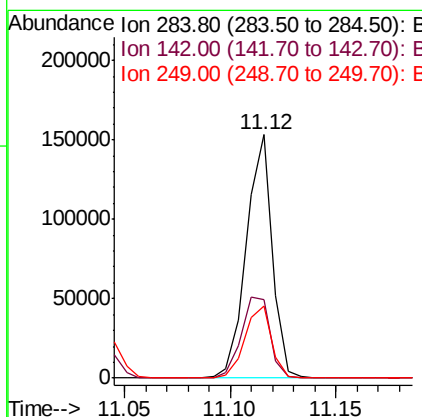
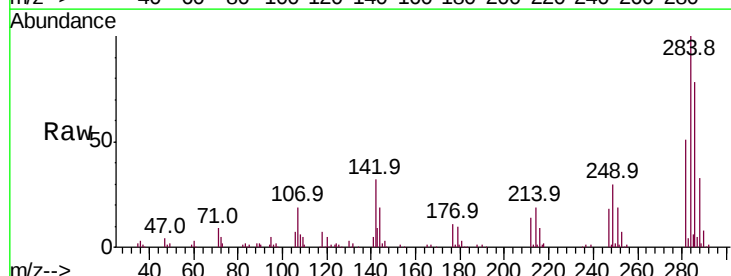
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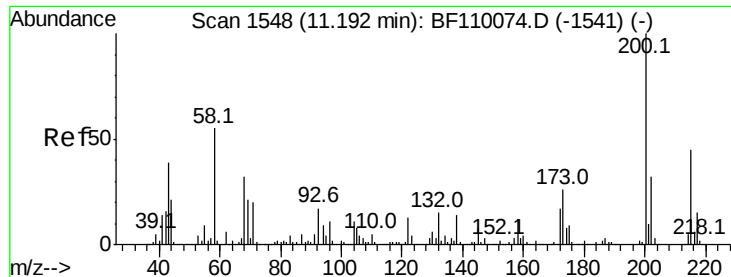
Sohil
 10/31/2018 11:15:03 AM



#68
 Hexachlorobenzene
 Concen: 33.324 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.9	35.9
249	29.6	24.2	36.2





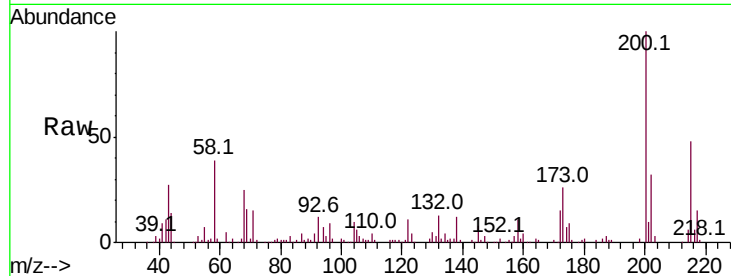
#69
Atrazine
Concen: 37.281 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	131298		
173	26.0	6.6	46.6	
215	48.4	26.3	66.3	

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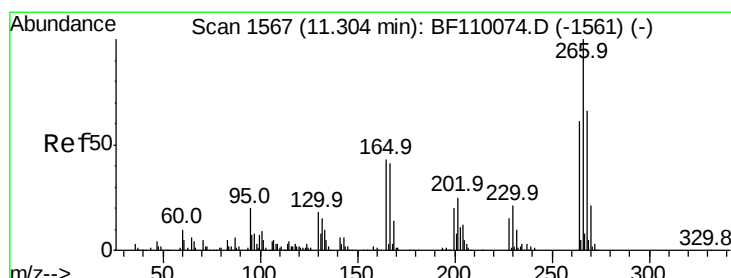
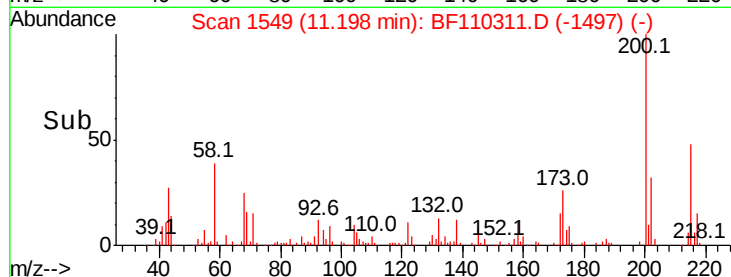
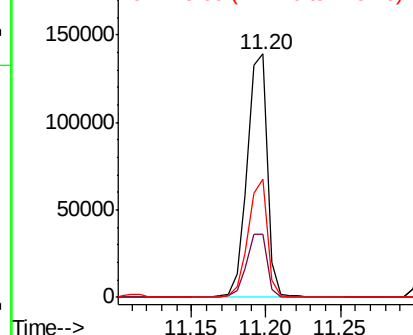


Abundance

Ion 200.00 (199.70 to 200.70): E

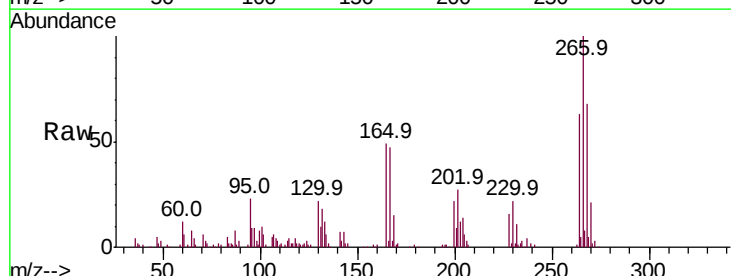
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 46.293 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	105555		
268	68.4	50.6	75.8	
264	63.3	50.6	75.8	

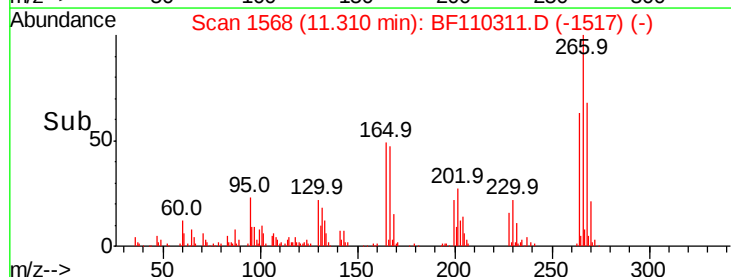
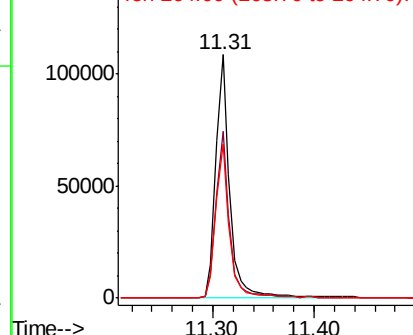


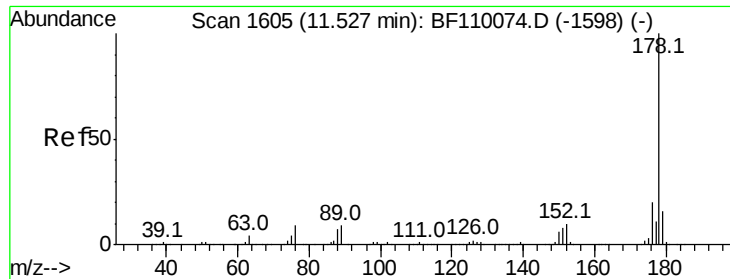
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





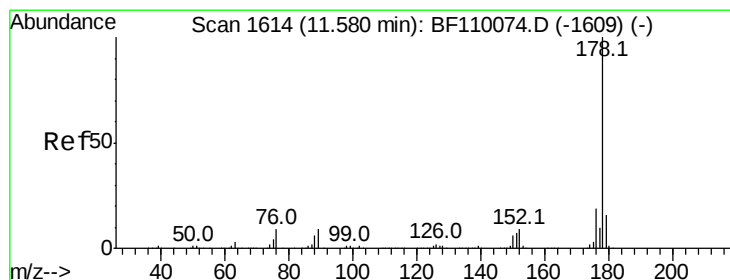
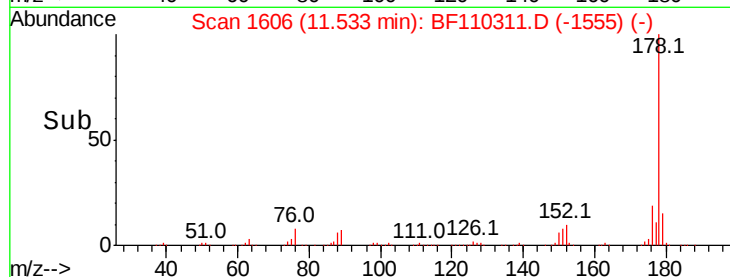
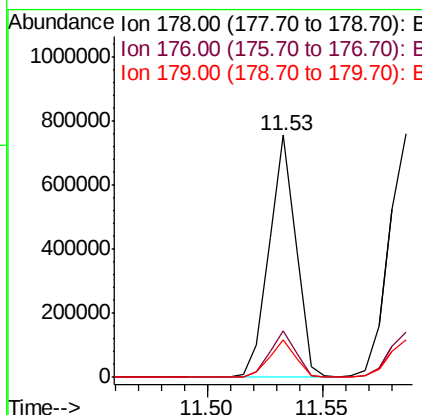
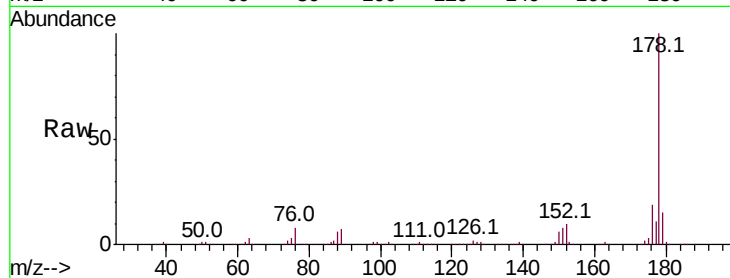
#71
Phenanthrene
Concen: 34.389 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.4	12.5	18.7

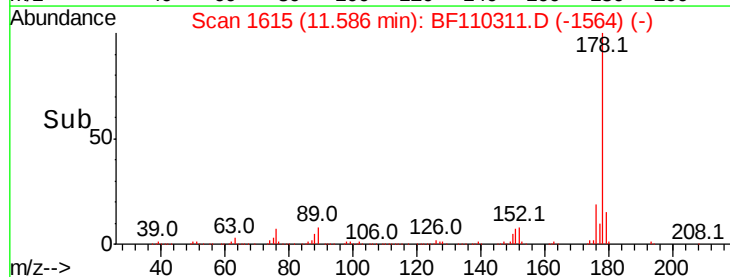
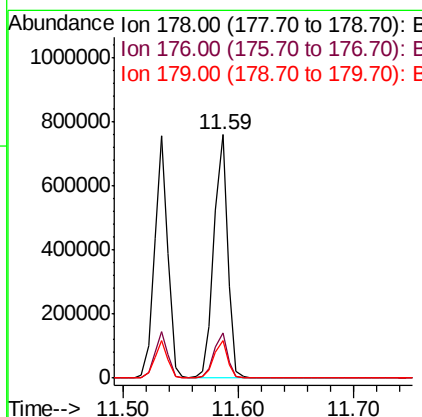
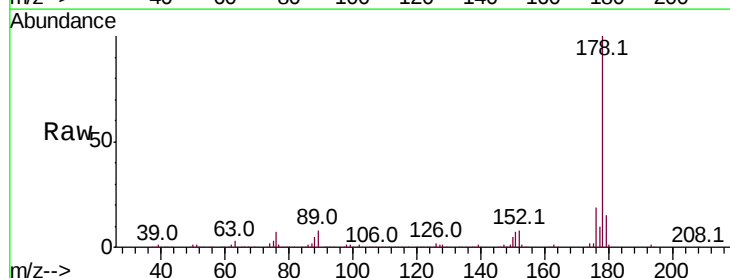
Manual Integrations
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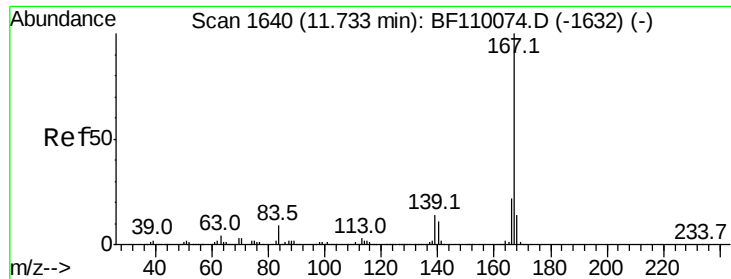
Sohil
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#72
Anthracene
Concen: 35.581 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.3	12.6	18.8





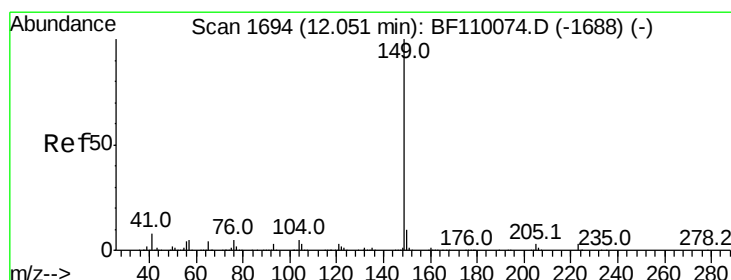
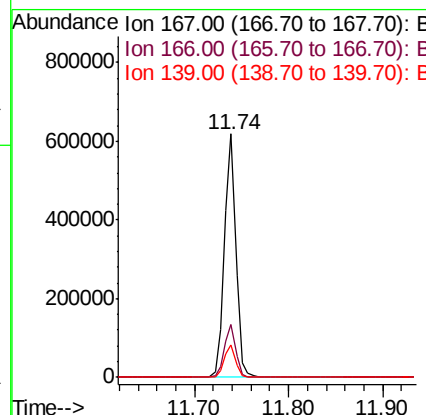
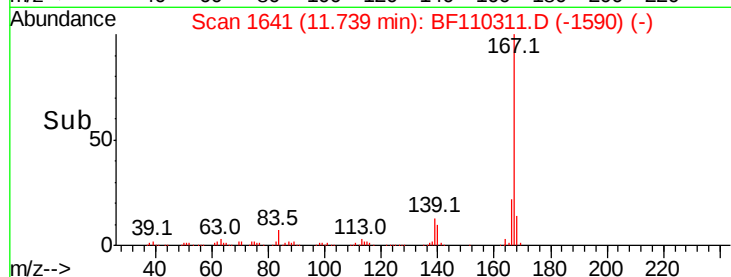
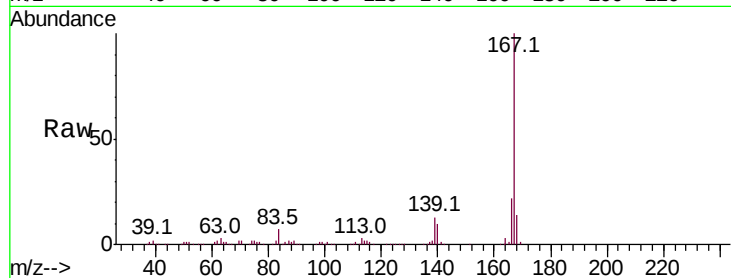
#73
 Carbazole
 Concen: 30.491 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.2	10.9	16.3

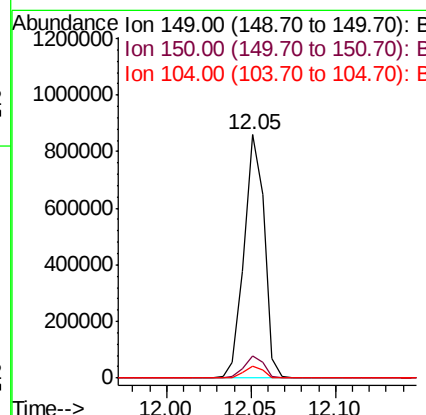
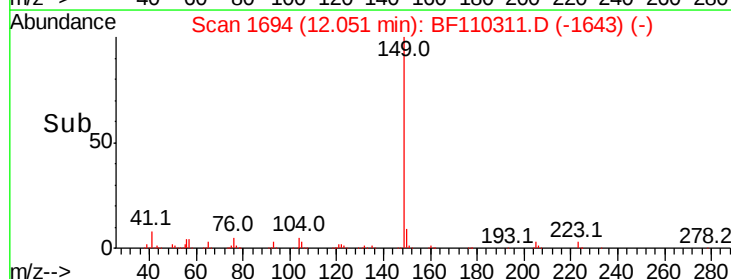
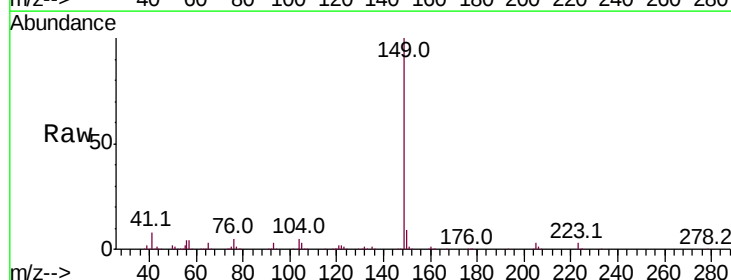
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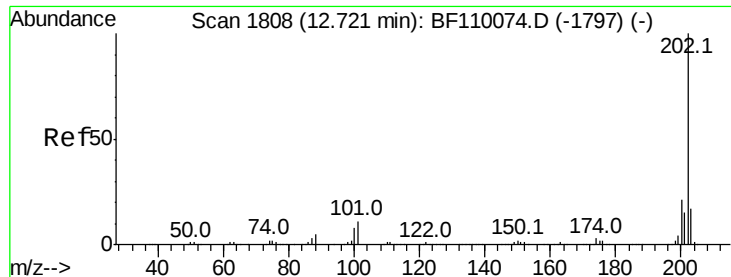
Sohil
 10/31/2018 11:15:03 AM



#74
 Di-n-butylphthalate
 Concen: 36.407 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.4





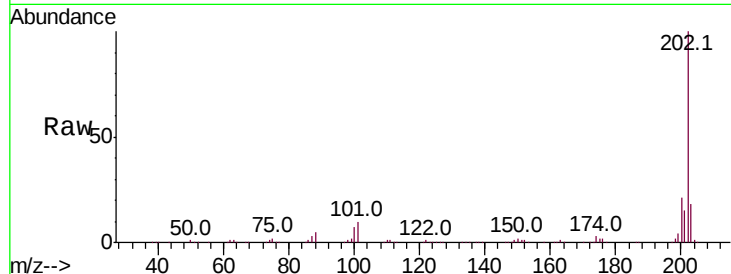
#75
 Fluoranthene
 Concen: 29.729 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

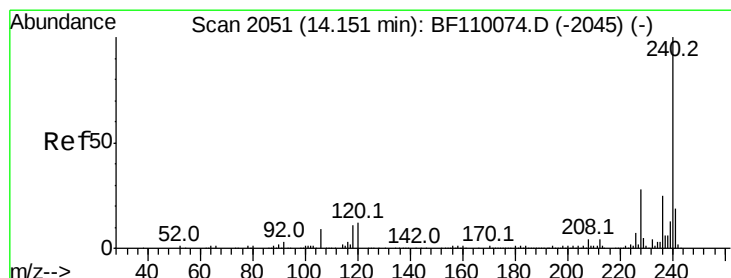
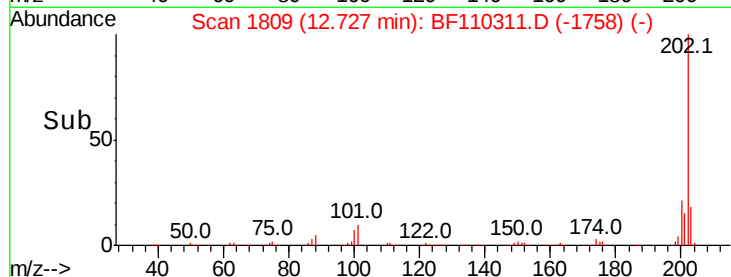
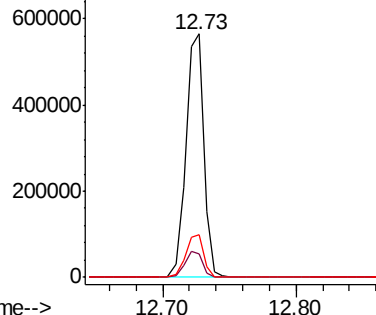
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.7	0.0	37.7

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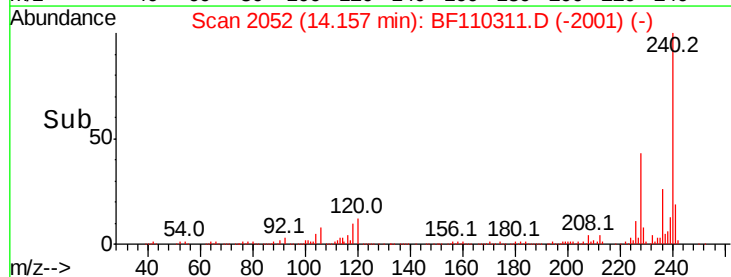
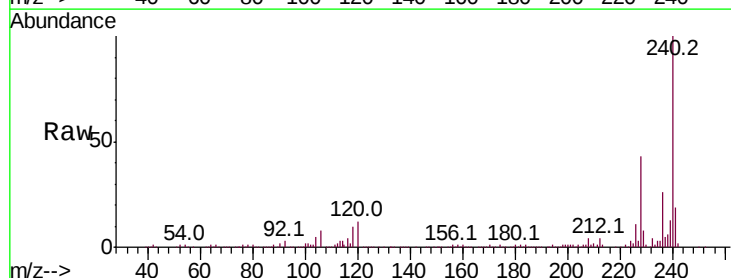
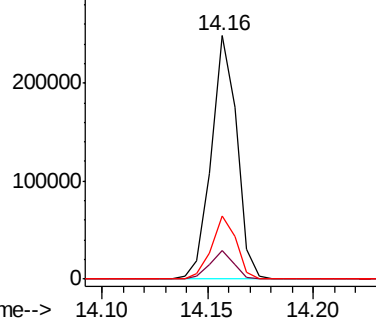
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

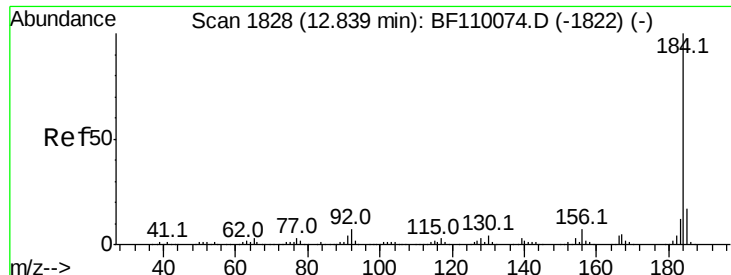


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	8.3	12.5
236	26.2	21.2	31.8

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





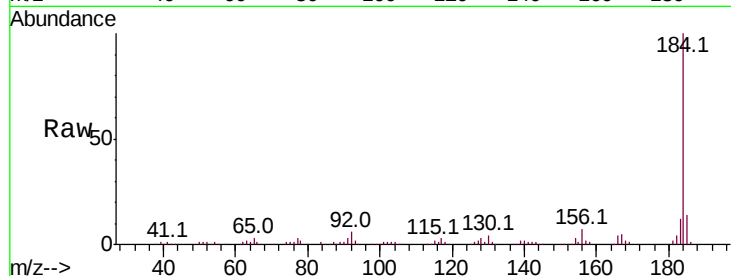
#77
Benzidine
Concen: 34.171 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.9	13.4	20.2	
183	12.0	9.4	14.2	

Manual Integrations
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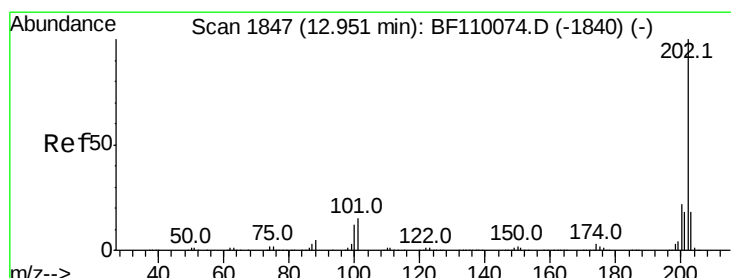
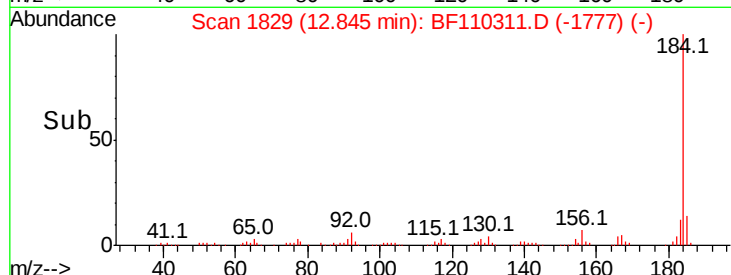
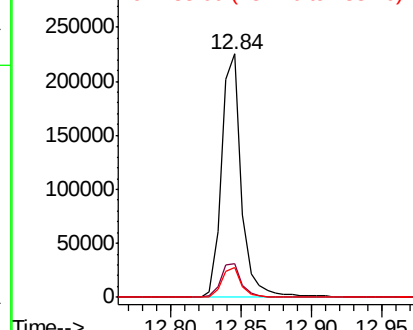


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 34.994 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

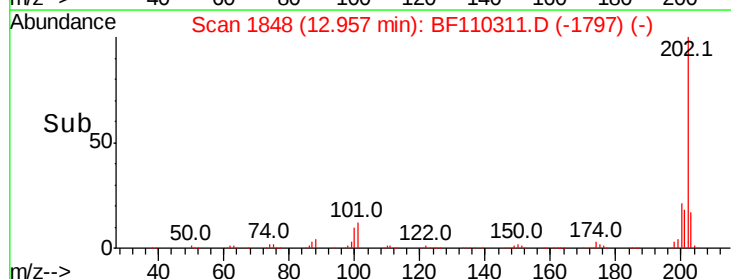
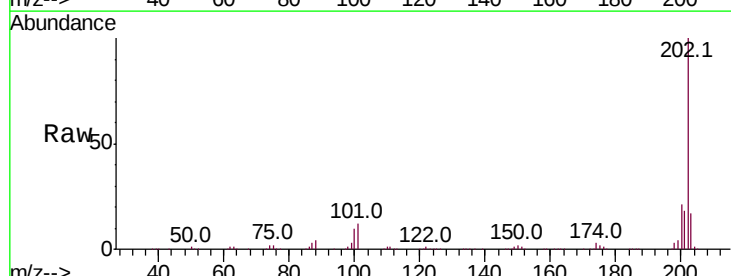
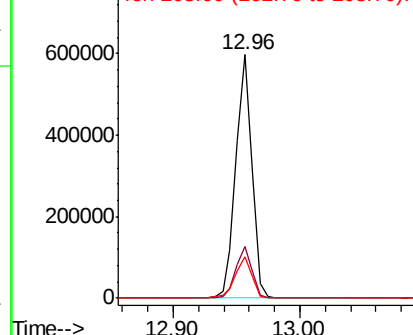
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	17.8	26.6	
203	17.0	14.2	21.4	

Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.562 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Instrument :

BNA_F

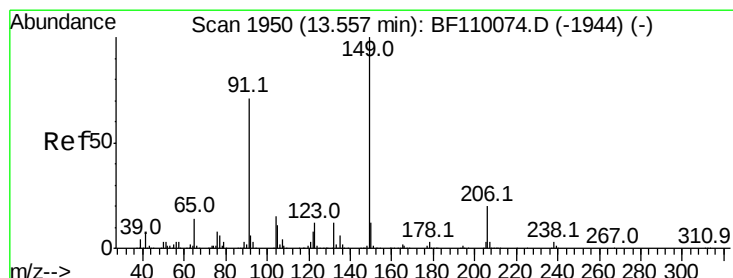
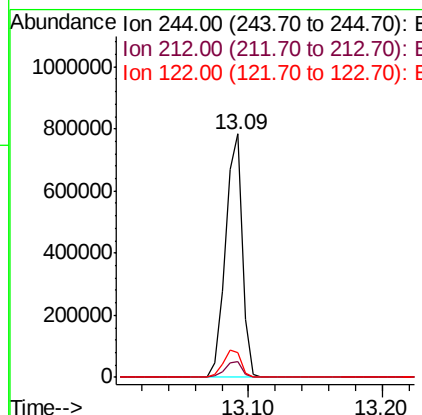
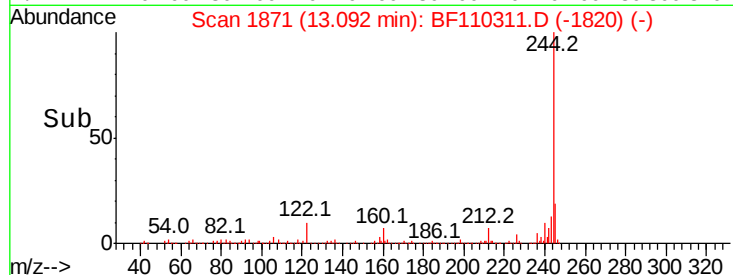
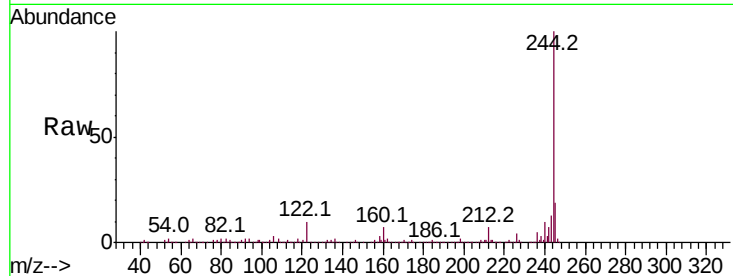
ClientSampleId :

PB114313BSD

Tot Ion:	244	Resp:	702435
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	10.3	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 36.937 ng

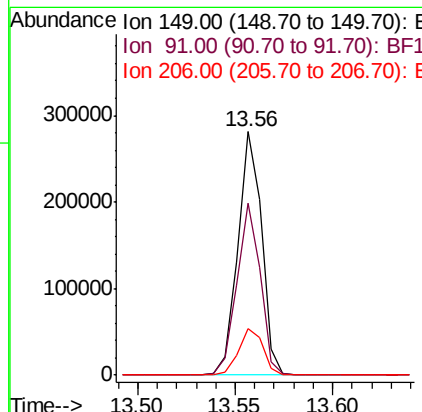
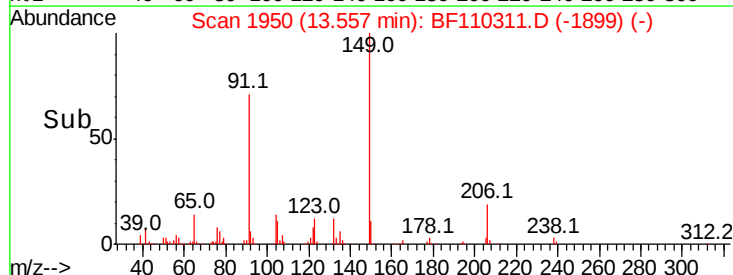
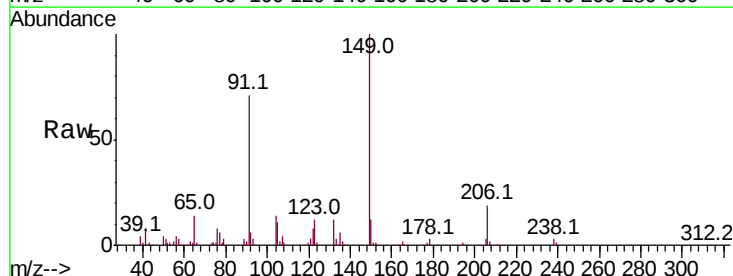
RT: 13.56 min Scan# 1950

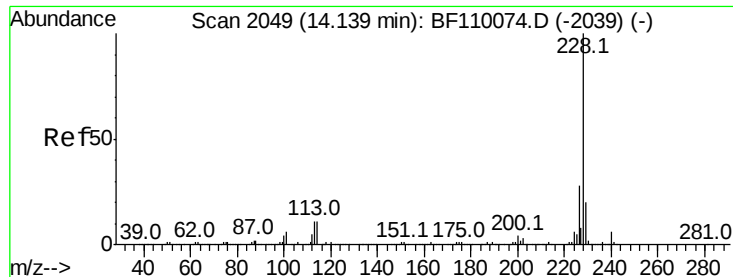
Delta R.T. 0.00 min

Lab File: BF110311.D

Acq: 30 Oct 2018 18:57

Tgt Ion:	149	Resp:	237953
Ion Ratio	Lower	Upper	
149	100		
91	70.6	57.2	85.8
206	19.1	15.7	23.5





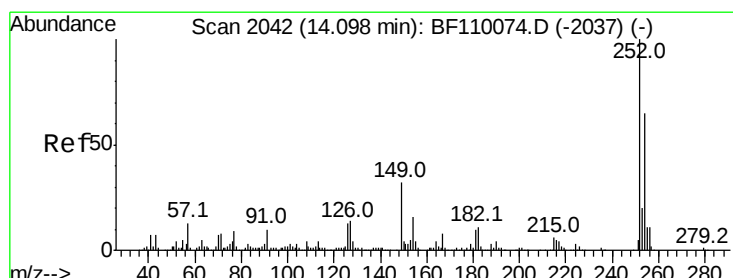
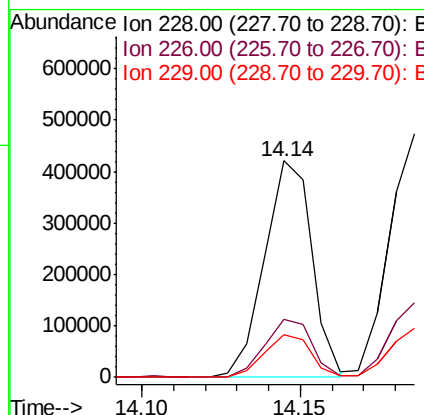
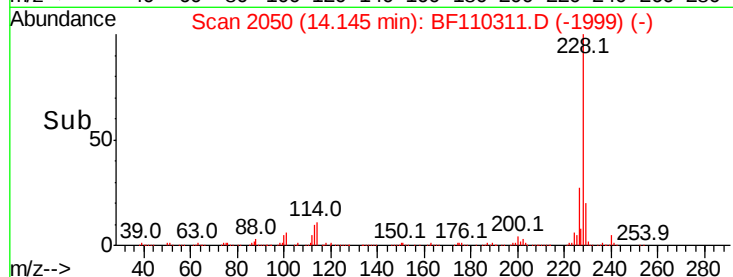
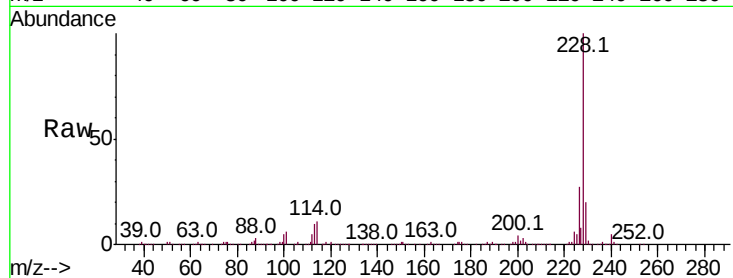
#81
Benzo(a)anthracene
Concen: 35.682 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.1	33.1
229	19.7	15.6	23.4

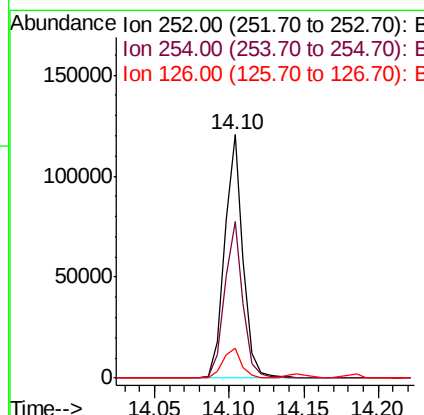
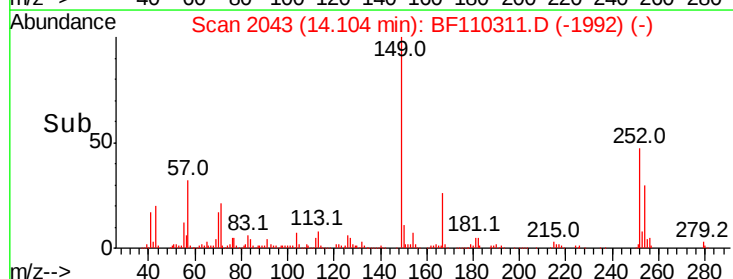
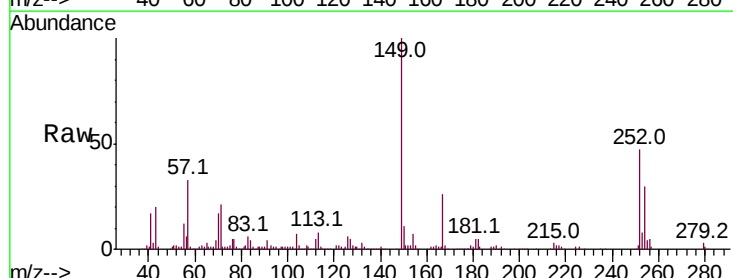
Manual Integrations
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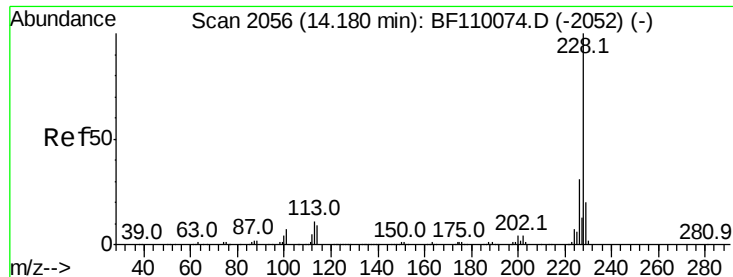
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 24.489 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	12.1	9.4	14.2





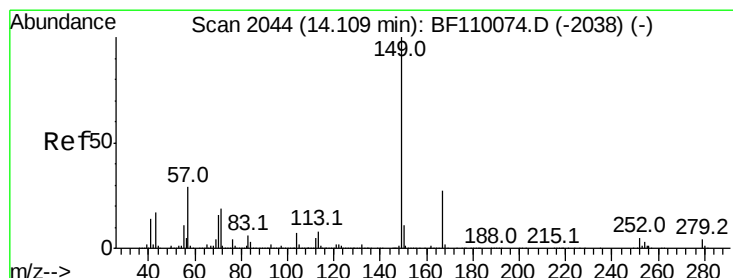
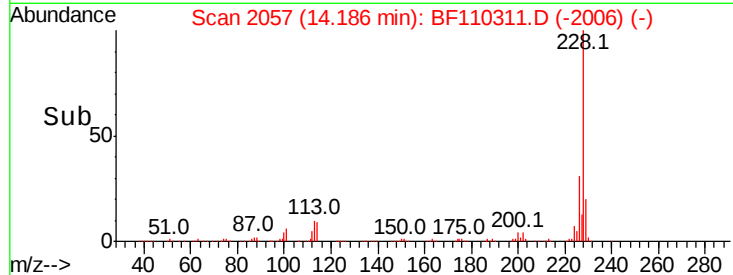
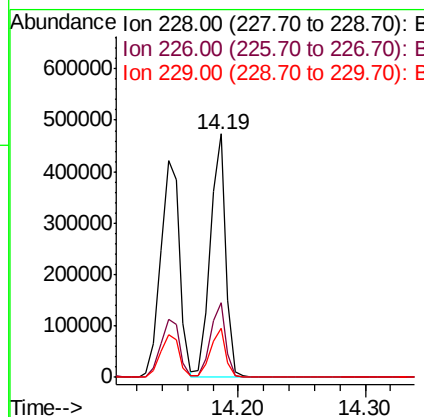
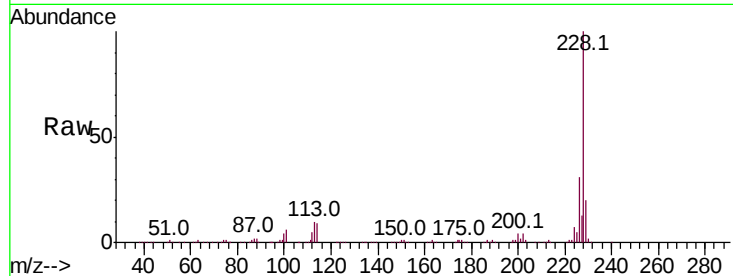
#83
 Chrysene
 Concen: 34.723 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BSD

Tot Ion:	228	Resp:	404905
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.7	37.1
229	19.9	15.9	23.9

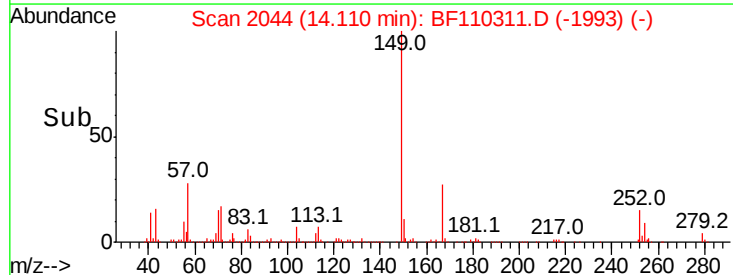
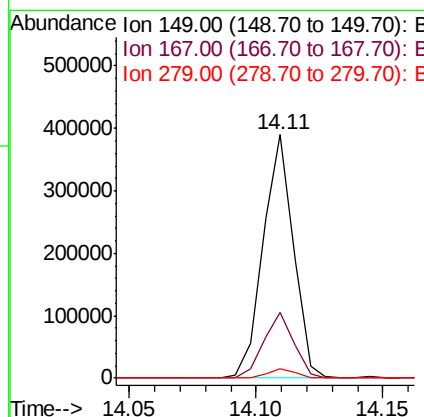
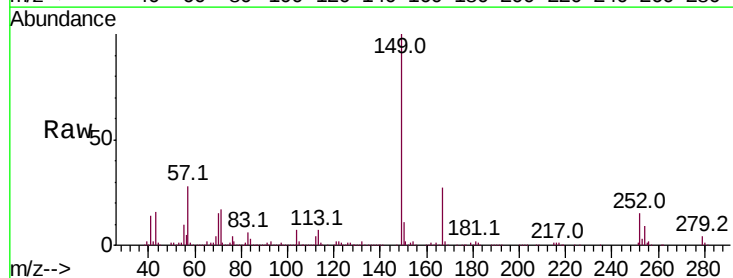
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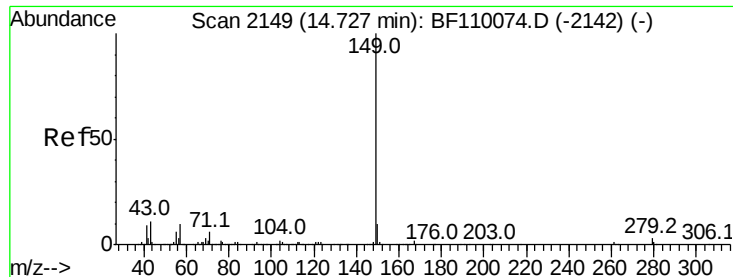
Sohil
 10/31/2018 11:15:03 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.171 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BF110311.D
 Acq: 30 Oct 2018 18:57

Tgt Ion:	149	Resp:	323707
Ion Ratio		Lower	Upper
149	100		
167	26.9	19.8	29.8
279	3.7	2.7	4.1





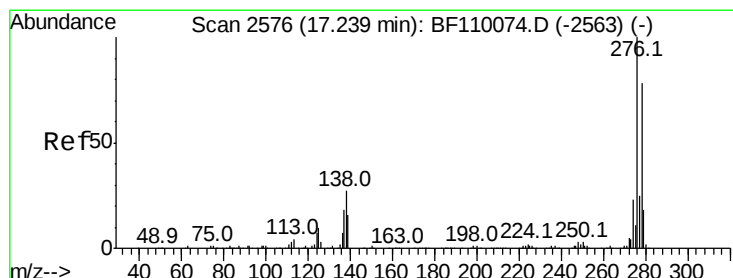
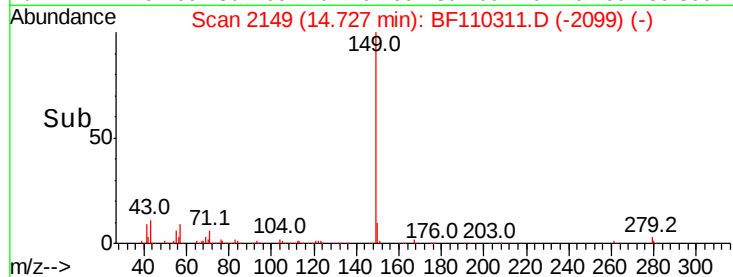
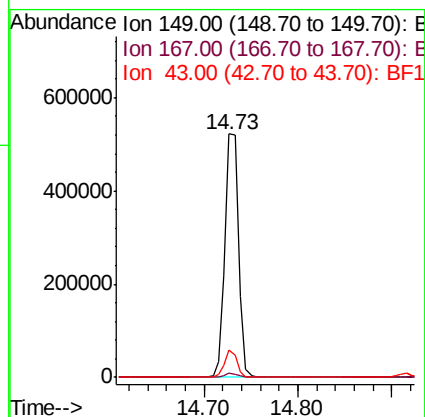
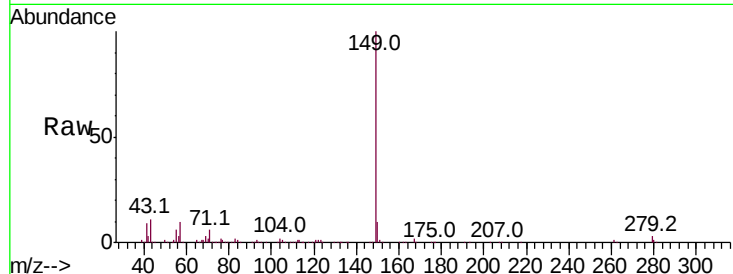
#85
Di-n-octyl phthalate
Concen: 39.118 ng
RT: 14.73 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion:	149	Resp:	529701
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.1	1.7
43	9.9	7.8	11.8

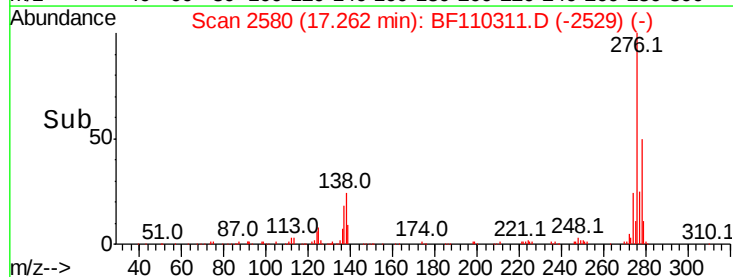
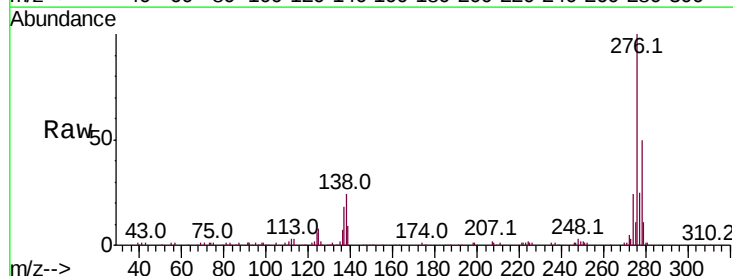
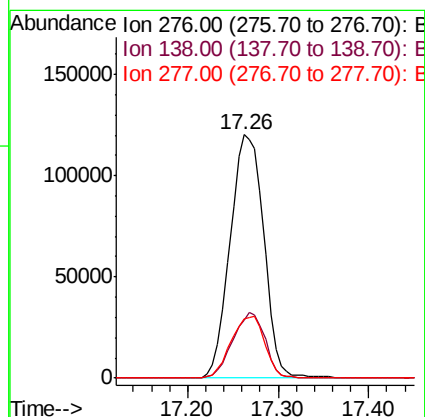
Manual Integrations
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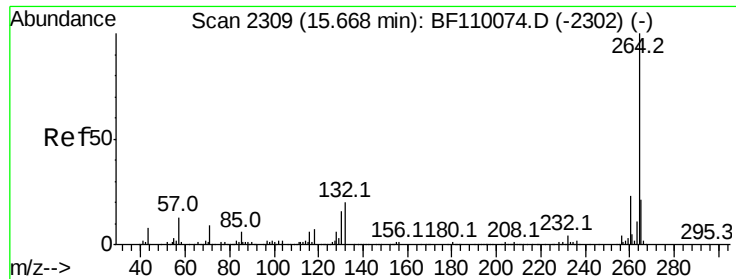
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 32.027 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion:	276	Resp:	309825
Ion Ratio	Lower	Upper	
276	100		
138	25.9	18.5	27.7
277	25.5	20.0	30.0





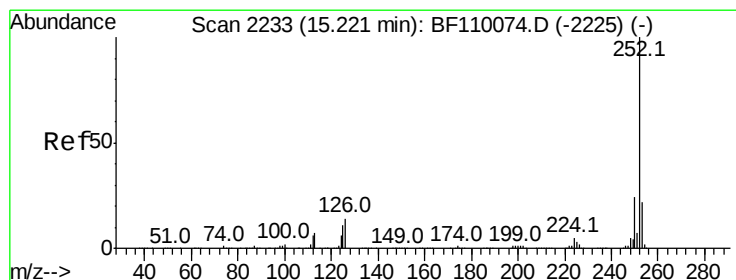
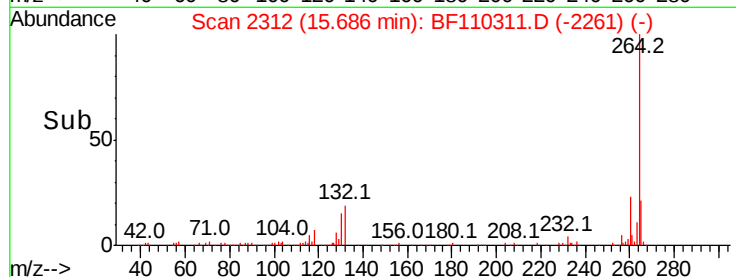
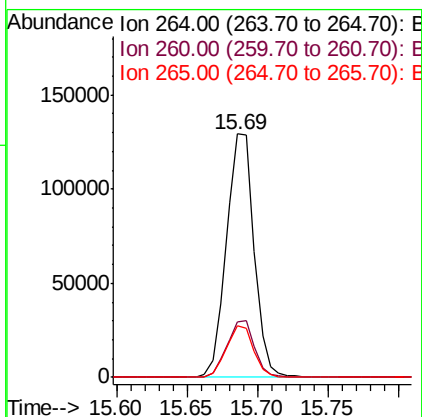
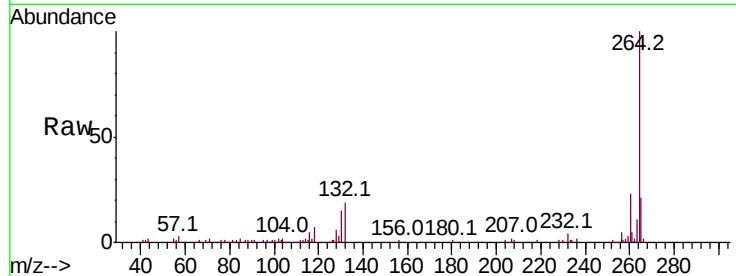
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.3	16.7	25.1

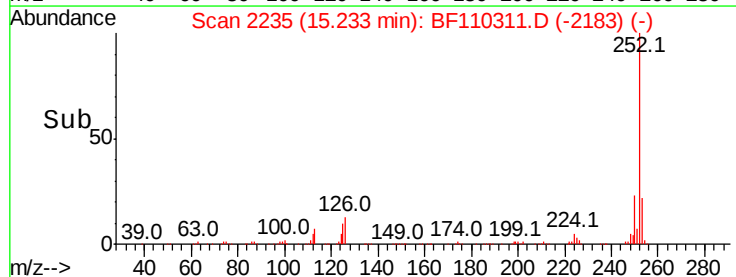
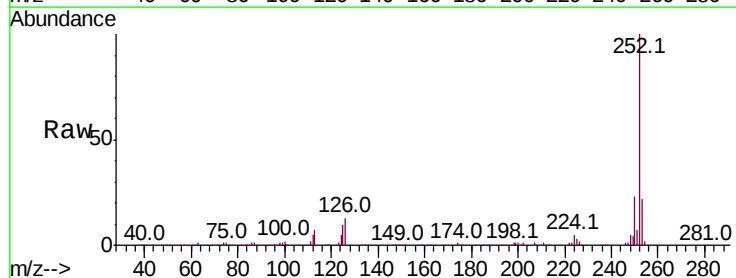
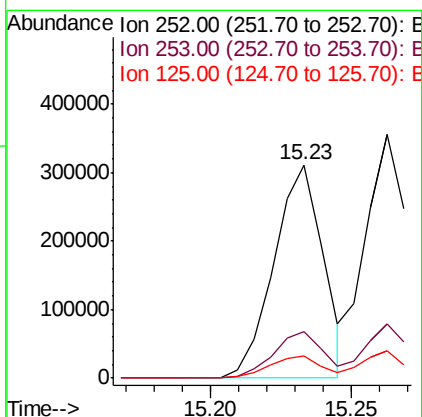
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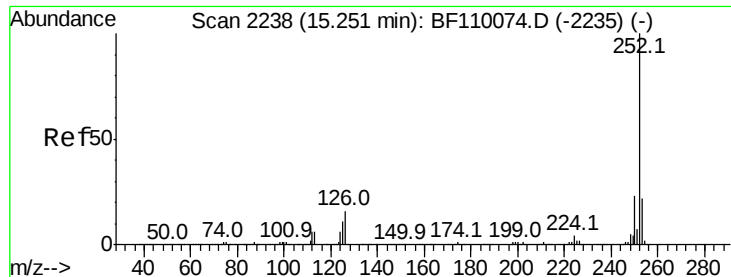
Sohil
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#88
Benzo(b)fluoranthene
Concen: 36.954 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	10.2	8.2	12.4





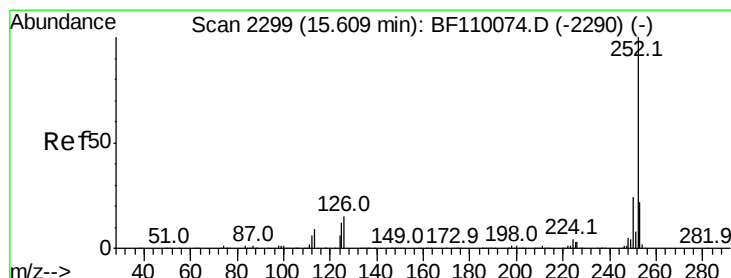
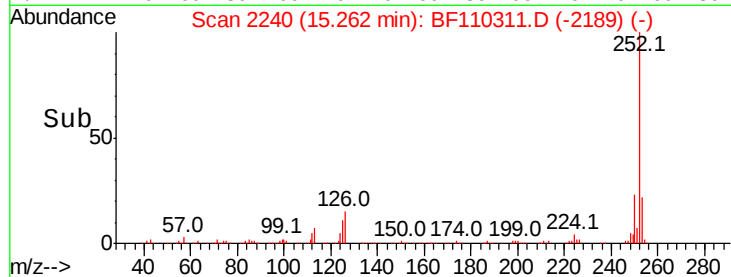
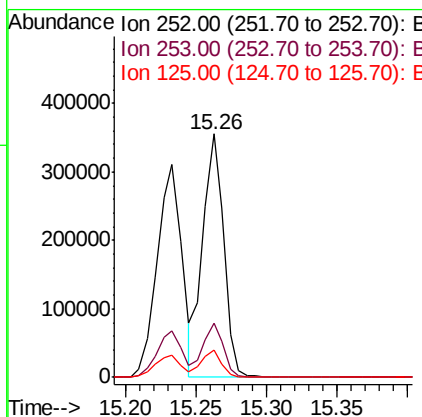
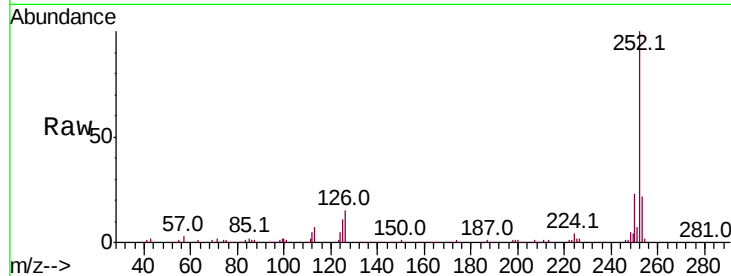
#89
Benzo(k)fluoranthene
Concen: 36.736 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.0	7.4	11.0

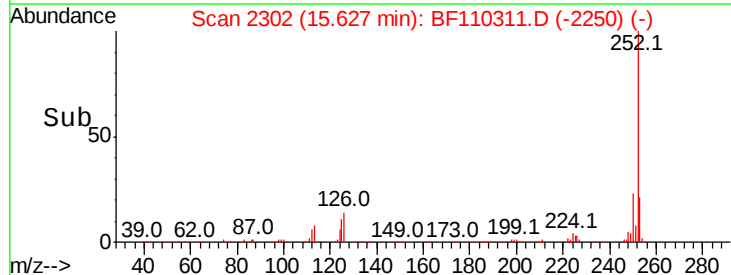
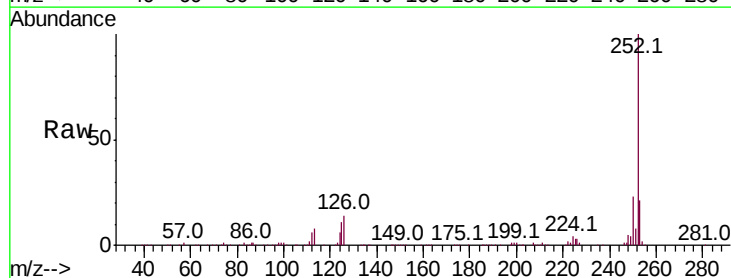
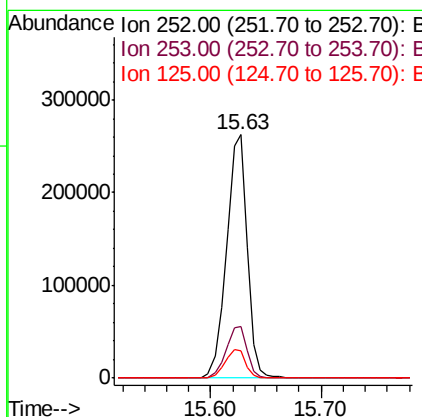
Manual Integrations
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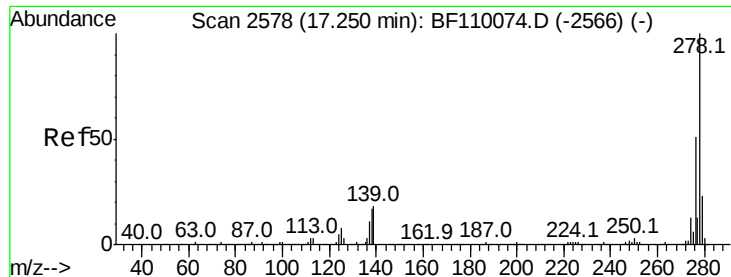
Sohil
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#90
Benzo(a)pyrene
Concen: 36.788 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	10.9	9.0	13.6





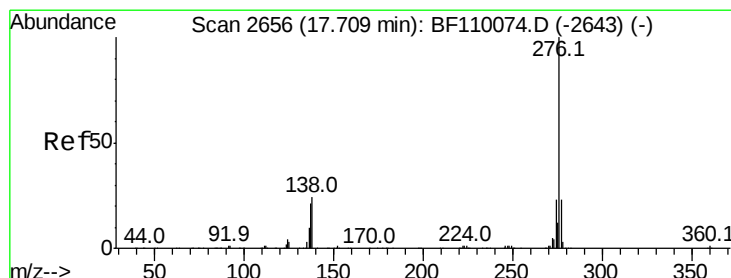
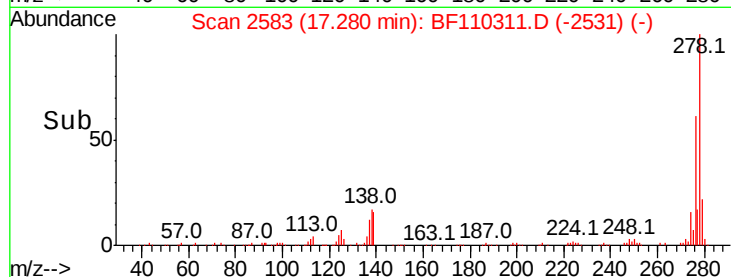
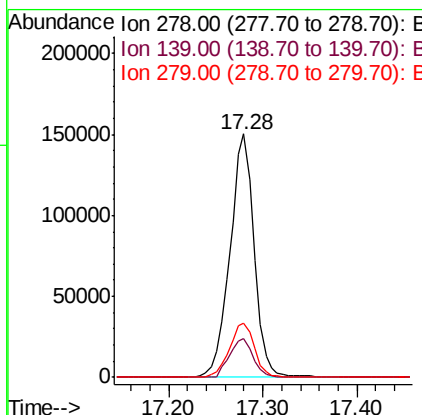
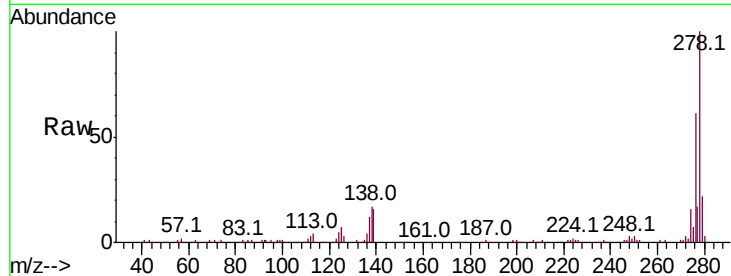
#91
Dibenzo(a,h)anthracene
Concen: 33.141 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Instrument :
BNA_F
ClientSampleId :
PB114313BSD

Tot Ion:278	Resp:	268706
Ion Ratio	Lower	Upper
278	100	
139	15.8	12.7 19.1
279	22.3	19.0 28.4

Manual Integrations
APPROVED

Sohil
10/31/2018 11:15:03 AM



#92
Benzo(g,h,i)perylene
Concen: 30.977 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110311.D
Acq: 30 Oct 2018 18:57

Tgt Ion:276	Resp:	247500
Ion Ratio	Lower	Upper
276	100	
277	22.9	18.8 28.2
138	21.5	16.0 24.0

