

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103018\
 Data File : BF110310.D
 Acq On : 30 Oct 2018 18:29
 Operator : JU/SJ
 Sample : PB114313BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Manual Integrations
 APPROVED

Sohil
 10/31/2018 11:15:02 AM

Quant Time: Oct 31 05:13:52 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	107091	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	421335	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	191052	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	310880	20.00	ng	0.00
76) Chrysene-d12	14.16	240	198994	20.00	ng	0.00
87) Perylene-d12	15.69	264	165897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	569877	86.66	ng	0.01
7) Phenol-d6	6.60	99	728159	86.57	ng	0.00
23) Nitrobenzene-d5	7.54	82	662302	93.24	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	159654	84.36	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1210682	99.51	ng	0.00
79) Terphenyl-d14	13.09	244	915970	95.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	97215	28.215	ng	89
3) Pyridine	3.68	79	285825	37.245	ng	86
4) n-Nitrosodimethylamine	3.65	42	148639	46.231	ng	91
6) Aniline	6.63	93	205081	18.716	ng	# 53
8) 2-Chlorophenol	6.76	128	329425	43.449	ng	99
9) Benzaldehyde	6.52	77	139887	25.890	ng	96
10) Phenol	6.61	94	396581	44.107	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	291828	39.451	ng	94
12) 1,3-Dichlorobenzene	6.91	146	334623	40.105	ng	99
13) 1,4-Dichlorobenzene	6.99	146	340454	40.345	ng	97
14) 1,2-Dichlorobenzene	7.14	146	322362	41.151	ng	99
15) Benzyl Alcohol	7.11	79	287916	44.504	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	465605	39.367	ng	69
17) 2-Methylphenol	7.22	107	264710	43.808	ng	# 81
18) Hexachloroethane	7.48	117	124230	40.211	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	218016	40.401	ng	95
20) 3+4-Methylphenols	7.37	107	333211	42.662	ng	94
22) Acetophenone	7.38	105	444427	45.777	ng	# 96
24) Nitrobenzene	7.56	77	330974	45.129	ng	94
25) Isophorone	7.79	82	607367	50.159	ng	95
26) 2-Nitrophenol	7.87	139	167789	48.078	ng	97
27) 2,4-Dimethylphenol	7.90	122	304139	52.563	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	384246	46.712	ng	99
29) 2,4-Dichlorophenol	8.11	162	274172	46.901	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	289723	44.247	ng	96
31) Naphthalene	8.27	128	925603	47.665	ng	99
32) Benzoic acid	8.03	122	132981	29.736	ng	92
33) 4-Chloroaniline	8.32	127	73402	8.399	ng	98
34) Hexachlorobutadiene	8.39	225	161188	44.335	ng	99
35) Caprolactam	8.70	113	94767m	46.512	ng	
36) 4-Chloro-3-methylphenol	8.80	107	292124	46.212	ng	98
37) 2-Methylnaphthalene	8.97	142	639417	49.767	ng	100
38) 1-Methylnaphthalene	9.07	142	596237	48.022	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	267629	44.959	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	135093	44.382	ng	98
43) 2,4,6-Trichlorophenol	9.25	196	183231	47.723	ng	99
44) 2,4,5-Trichlorophenol	9.29	196	190901	47.038	ng	93
46) 1,1'-Biphenyl	9.43	154	758679	43.913	ng	99
47) 2-Chloronaphthalene	9.46	162	576137	45.462	ng	99
48) 2-Nitroaniline	9.56	65	176115	45.859	ng	96
49) Acenaphthylene	9.88	152	888160	48.522	ng	98
50) Dimethylphthalate	9.73	163	685600	48.614	ng	99
51) 2,6-Dinitrotoluene	9.80	165	141494	46.577	ng	98
52) Acenaphthene	10.05	154	529951	43.764	ng	98
53) 3-Nitroaniline	9.97	138	70376	19.481	ng	90
54) 2,4-Dinitrophenol	10.08	184	47543	42.057	ng	88
55) Dibenzofuran	10.22	168	762889	44.998	ng	99
56) 4-Nitrophenol	10.14	139	291084	108.868	ng	97
57) 2,4-Dinitrotoluene	10.21	165	181091	46.932	ng	89
58) Fluorene	10.57	166	601531	47.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	148749	44.966	ng	94
60) Diethylphthalate	10.43	149	656186	47.664	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	295026	44.323	ng	95
62) 4-Nitroaniline	10.59	138	126103	35.096	ng	98
63) Azobenzene	10.72	77	609931	44.634	ng	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	38171	26.875	ng	90
66) n-Nitrosodiphenylamine	10.67	169	529577	51.935	ng	97
67) 4-Bromophenyl-phenylether	11.05	248	167945	49.804	ng	# 92
68) Hexachlorobenzene	11.12	284	169995	47.512	ng	# 92
69) Atrazine	11.20	200	170019	52.761	ng	99
70) Pentachlorophenol	11.31	266	145523	69.751	ng	97
71) Phenanthrene	11.53	178	808738	49.717	ng	99
72) Anthracene	11.59	178	820072	50.297	ng	100
73) Carbazole	11.74	167	688481	43.247	ng	99
74) Di-n-butylphthalate	12.06	149	931080	51.785	ng	99
75) Fluoranthene	12.73	202	700878	42.455	ng	99
77) Benzidine	12.85	184	318013	Below	Cal	96
78) Pyrene	12.96	202	698492	48.962	ng	98
80) Butylbenzylphthalate	13.56	149	321759	51.963	ng	97
81) Benzo(a)anthracene	14.15	228	589522	49.956	ng	99
82) 3,3'-Dichlorobenzidine	14.10	252	154069	37.493	ng	98
83) Chrysene	14.19	228	545461	48.665	ng	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	434813	51.946	ng	97
85) Di-n-octyl phthalate	14.73	149	718555	55.208	ng	100
86) Indeno(1,2,3-cd)pyrene	17.27	276	420362	45.208	ng	98
88) Benzo(b)fluoranthene	15.23	252	528397	55.157	ng	98
89) Benzo(k)fluoranthene	15.27	252	468850	49.782	ng	100
90) Benzo(a)pyrene	15.63	252	459442	52.120	ng	97
91) Dibenzo(a,h)anthracene	17.29	278	357061	46.944	ng	99
92) Benzo(g,h,i)perylene	17.75	276	338534	45.167	ng	97

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

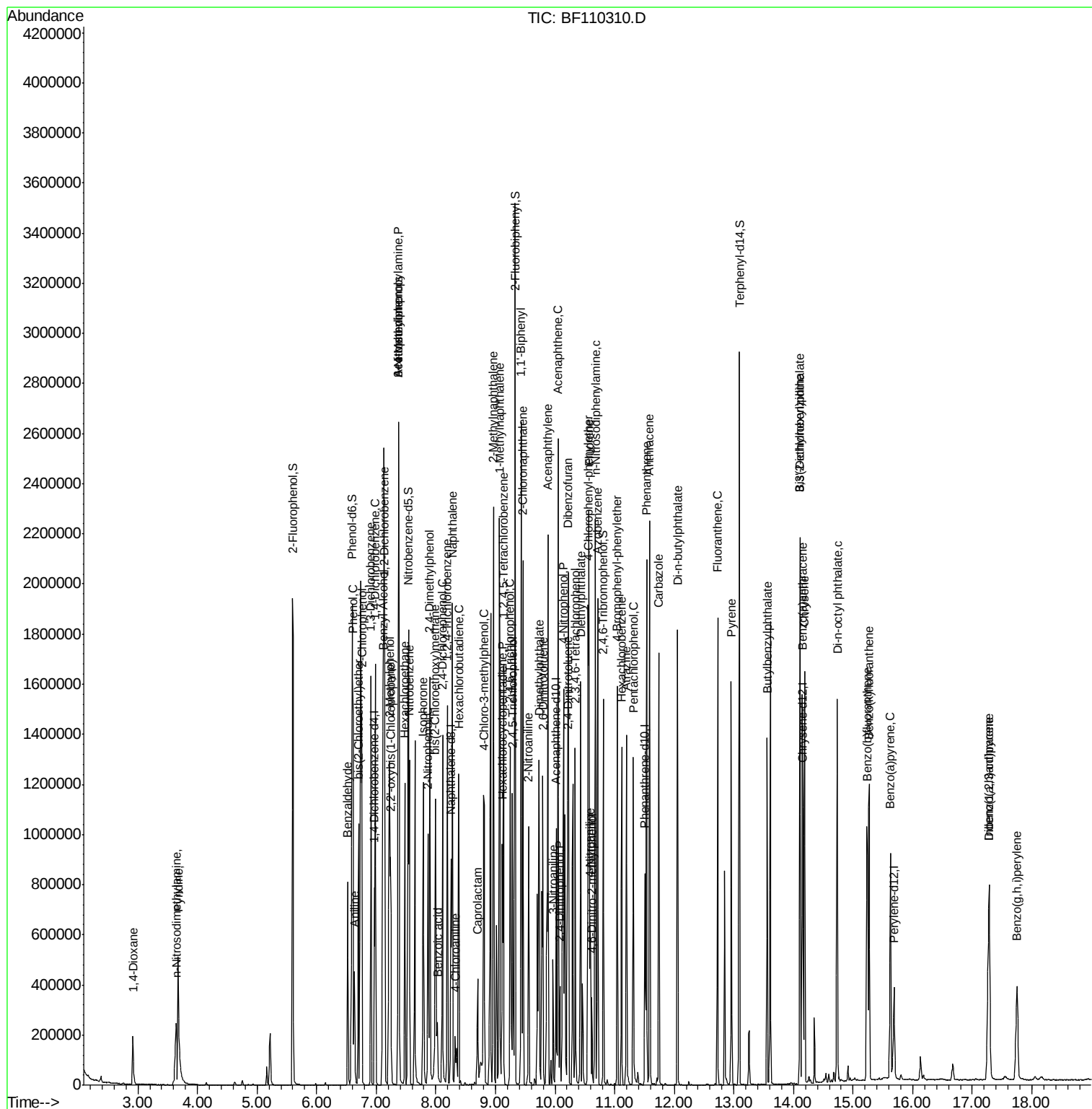
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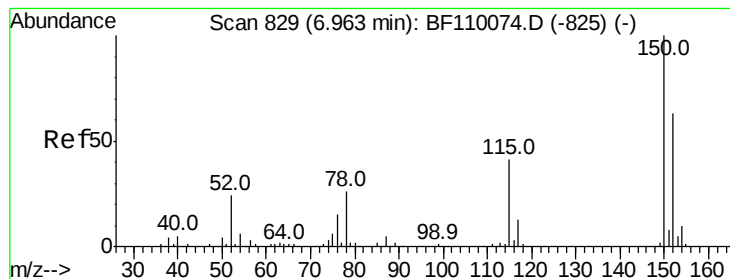
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#1

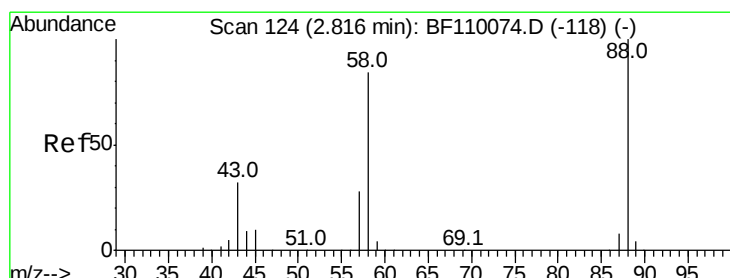
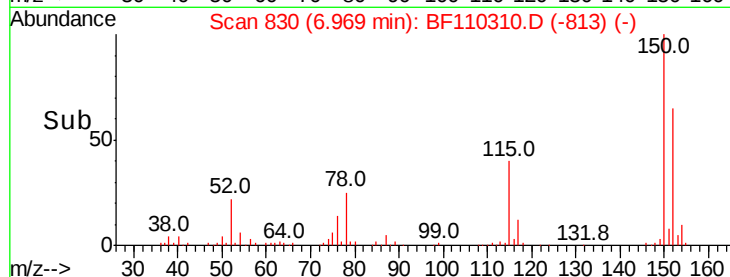
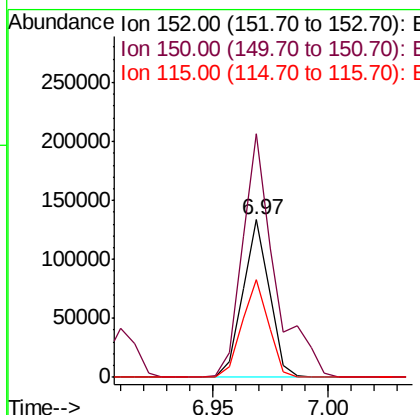
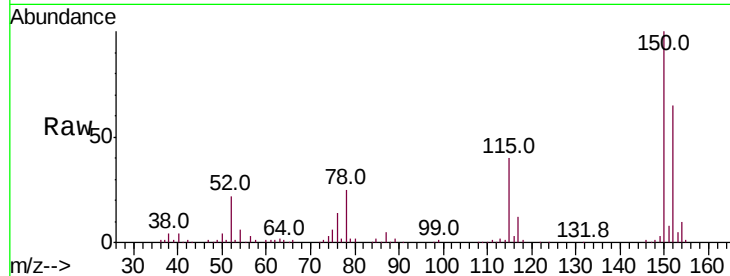
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	122.7	184.1
115	62.3	49.1	73.7

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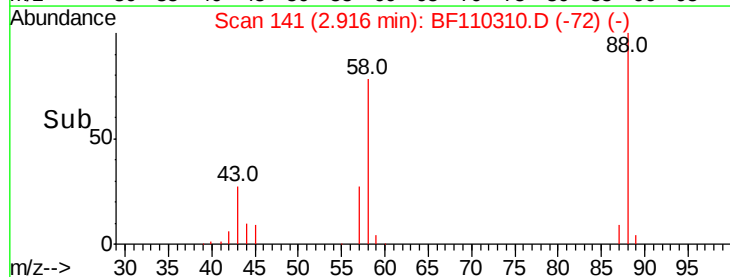
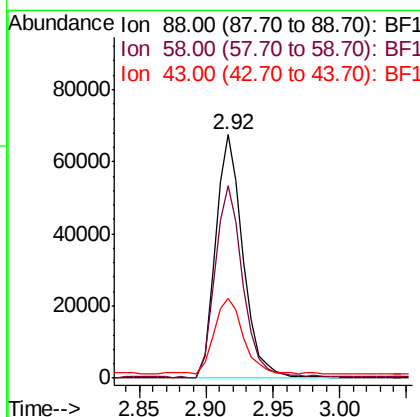
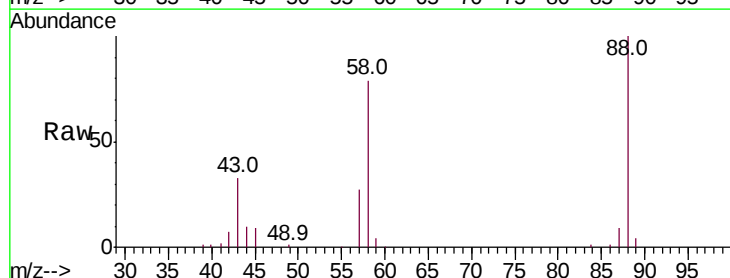
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#2

1,4-Dioxane
 Concen: 28.215 ng
 RT: 2.92 min Scan# 141
 Delta R.T. 0.11 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	57.1	85.7
43	33.8	24.1	36.1





#3

Pvridine

Concen: 37.245 ng

RT: 3.68 min Scan# 270

Delta R.T. 0.08 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

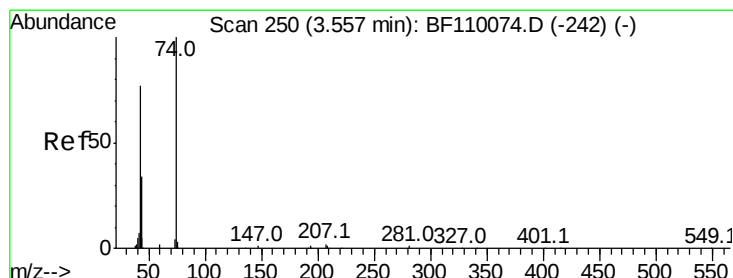
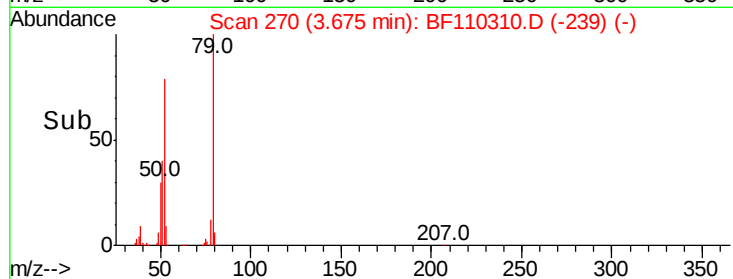
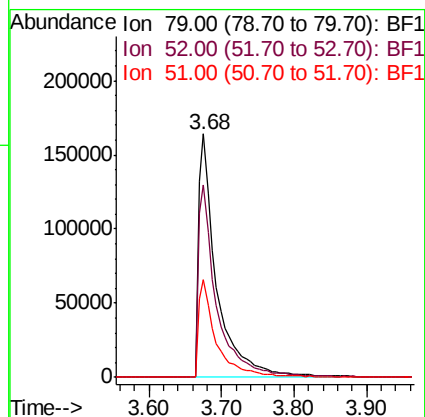
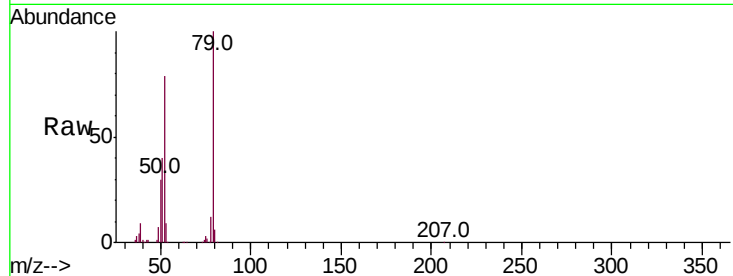
ClientSampleId :

PB114313BS

Tot Ion:	79	Resp:	285825
Ion Ratio	Lower	Upper	
79	100		
52	78.9	53.1	79.7
51	40.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 46.231 ng

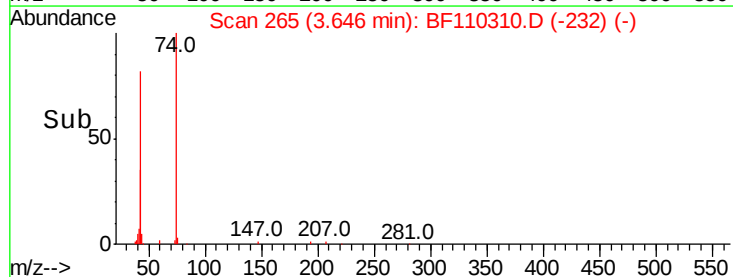
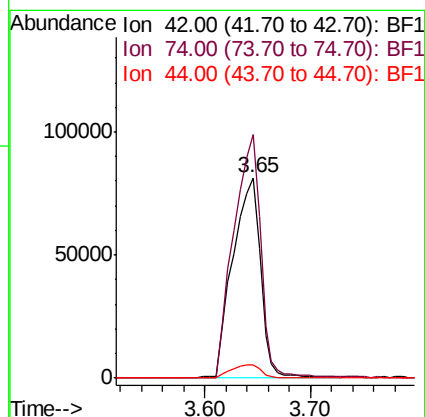
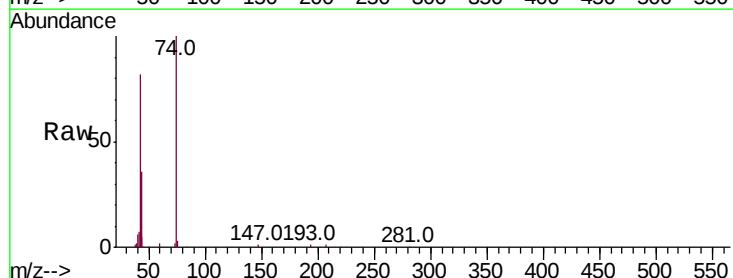
RT: 3.65 min Scan# 265

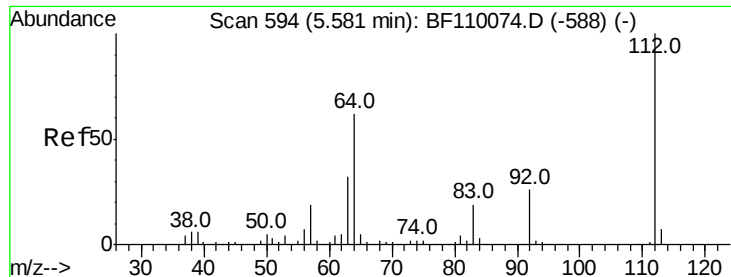
Delta R.T. 0.09 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	42	Resp:	148639
Ion Ratio	Lower	Upper	
42	100		
74	121.5	105.5	158.3
44	6.3	4.9	7.3





#5

2-Fluorophenol

Concen: 86.657 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

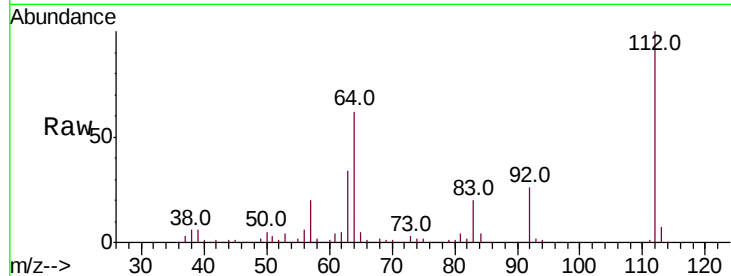
ClientSampleId :

PB114313BS

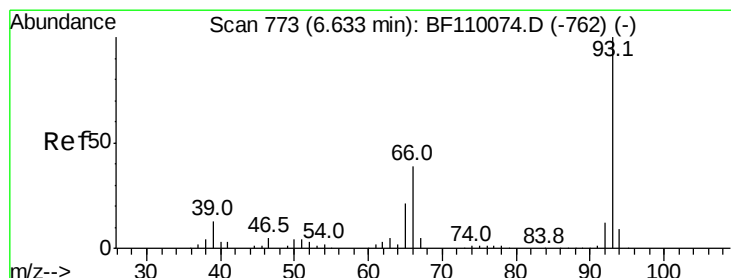
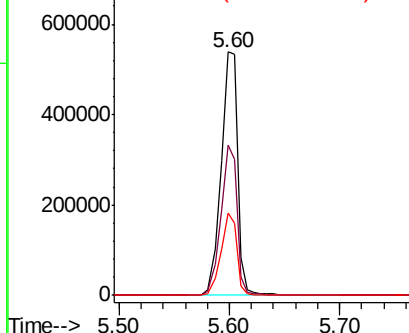
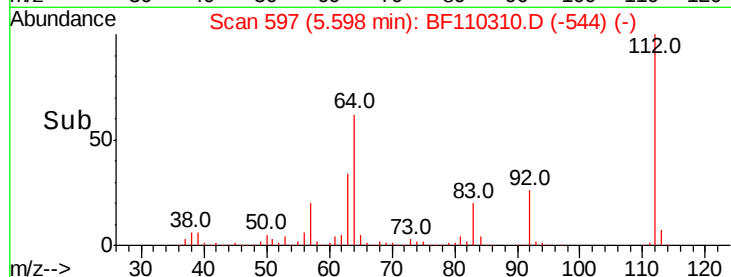
Tot Ion:	112	Resp:	569877
Ion Ratio	Lower	Upper	
112	100		
64	61.9	44.1	66.1
63	34.1	23.7	35.5

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



#6

Aniline

Concen: 18.716 ng

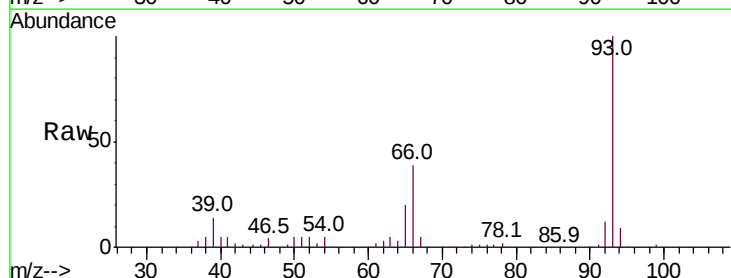
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

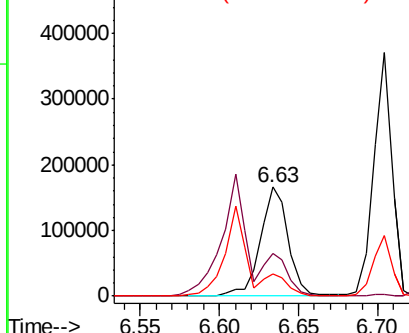
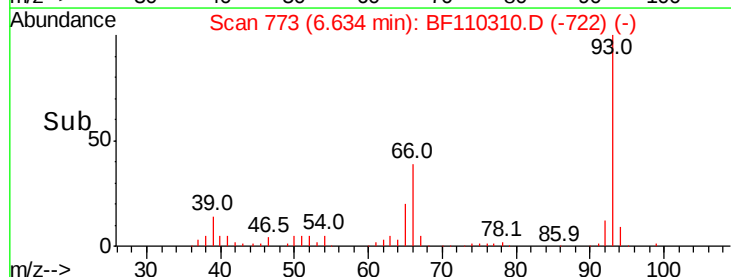
Lab File: BF110310.D

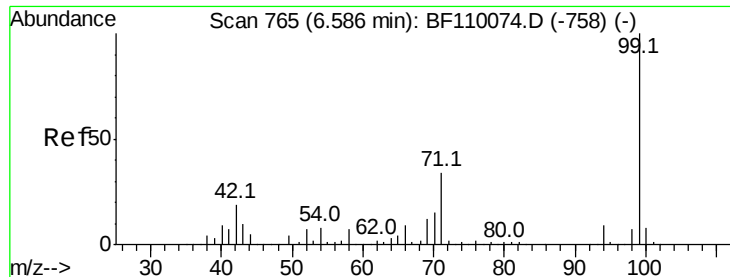
Acq: 30 Oct 2018 18:29

Tgt Ion:	93	Resp:	205081
Ion Ratio	Lower	Upper	
93	100		
66	39.4	67.4	101.0#
65	20.2	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.567 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

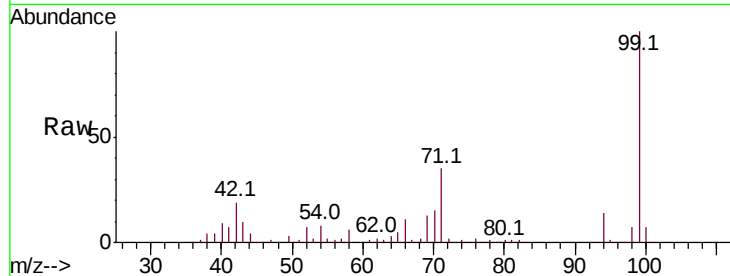
ClientSampleId :

PB114313BS

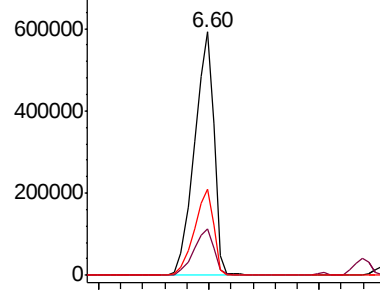
Tot Ion:	99	Resp:	728159
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	35.4	28.0	42.0

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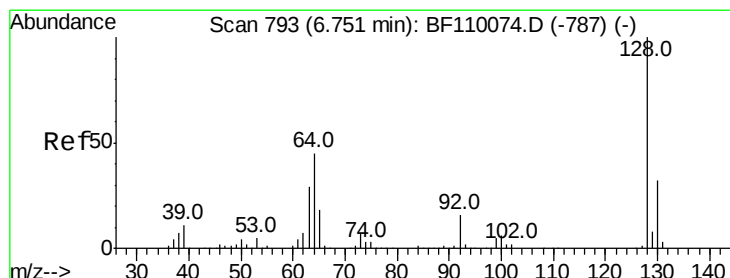
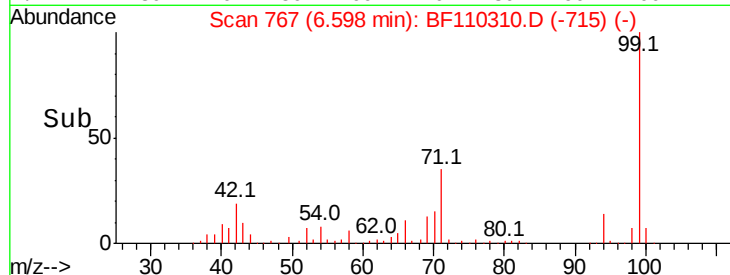
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 43.449 ng

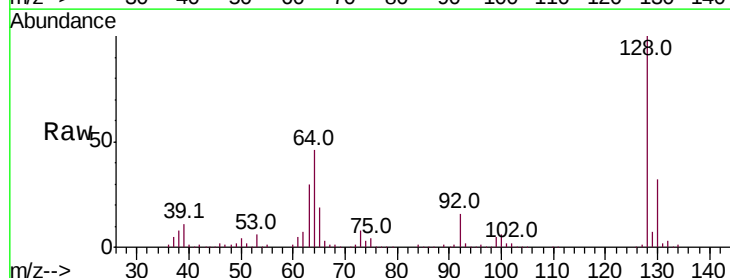
RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

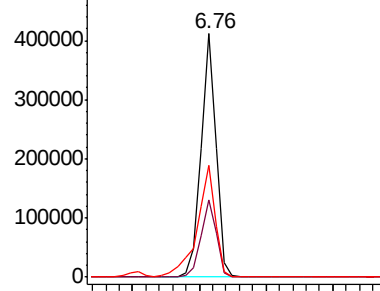
Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

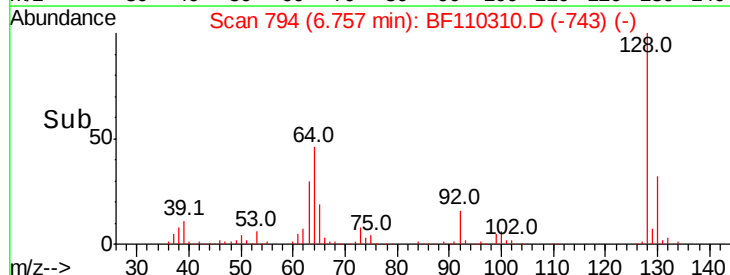
Tgt Ion:	128	Resp:	329425
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	46.1	26.0	66.0

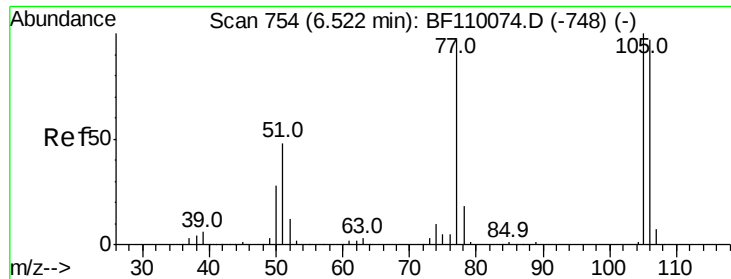


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





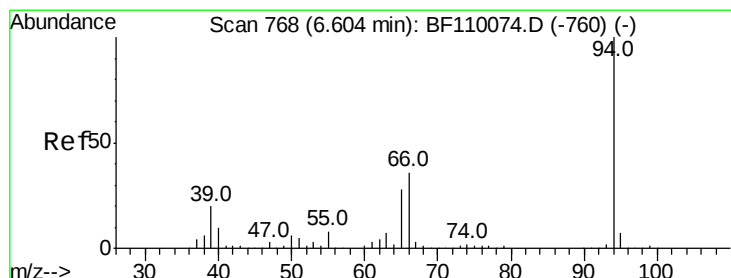
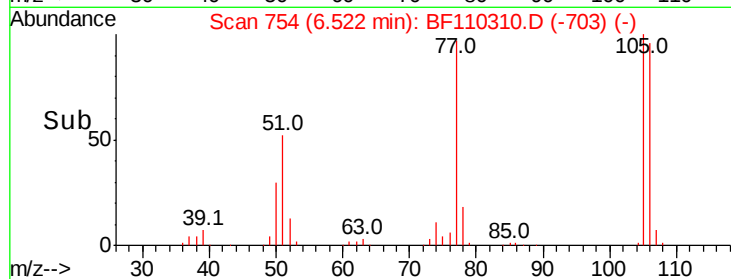
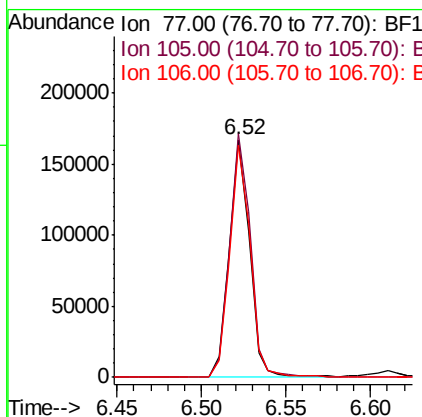
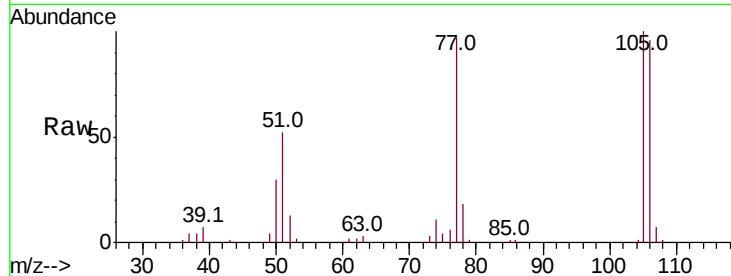
#9
Benzaldehyde
Concen: 25.890 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF110310.D
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Instrument :
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ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	78.6	118.6
106	98.0	74.8	114.8

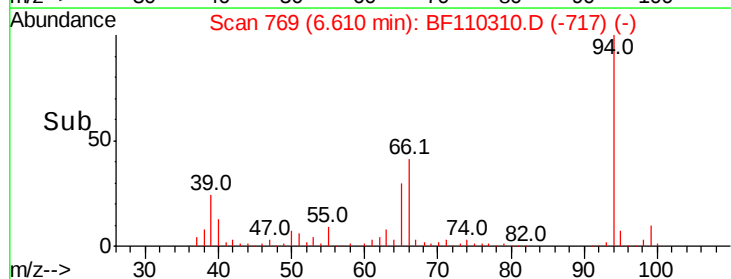
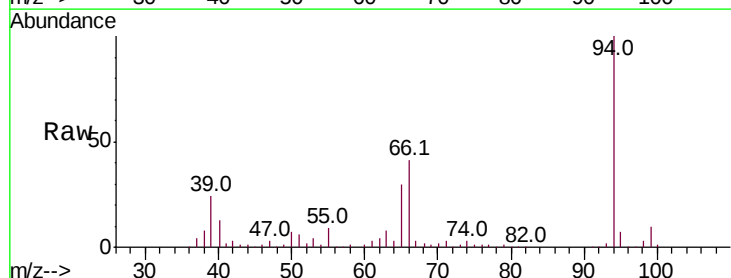
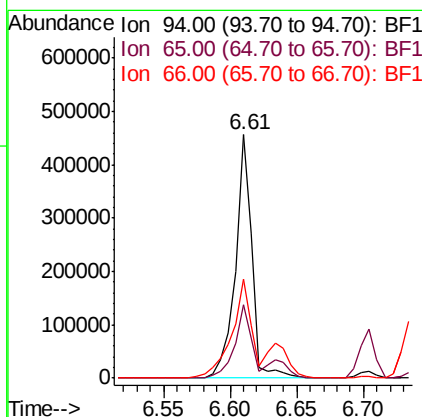
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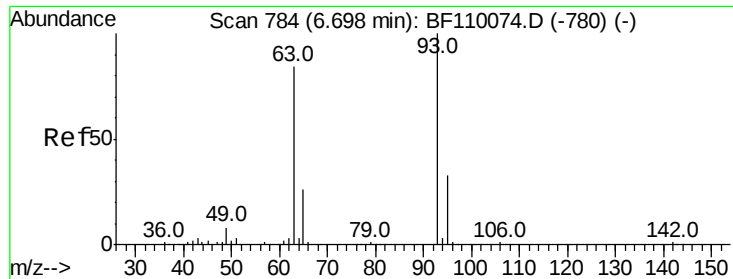
Sohil
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#10
Phenol
Concen: 44.107 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	40.6	54.5	94.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.451 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

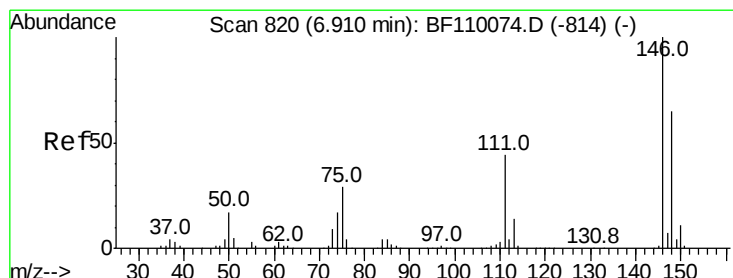
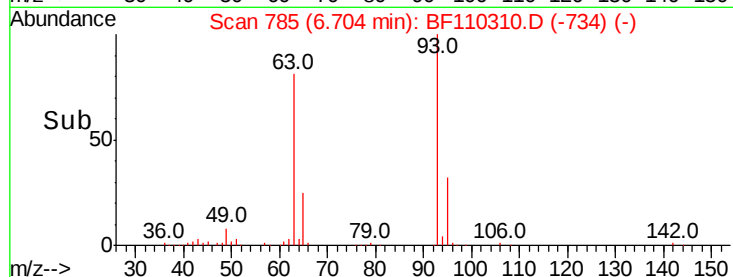
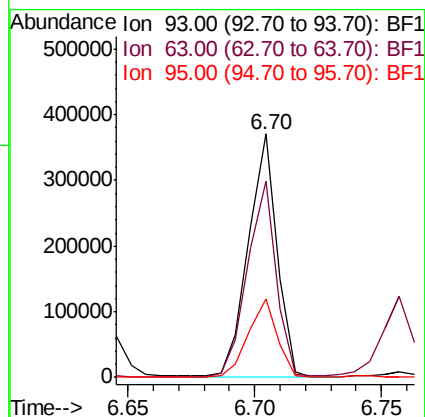
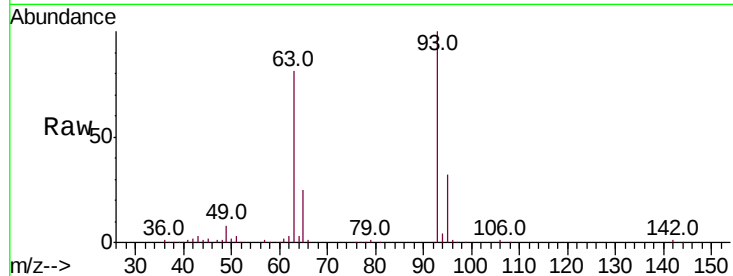
ClientSampleId :

PB114313BS

Tot Ion	93	Resp	291828
Ion Ratio	Lower	Upper	
93	100		
63	80.7	53.4	93.4
95	32.3	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 40.105 ng

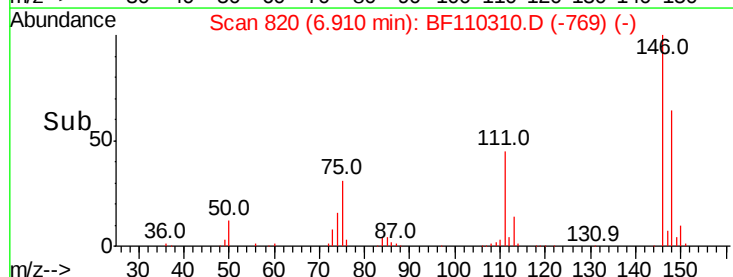
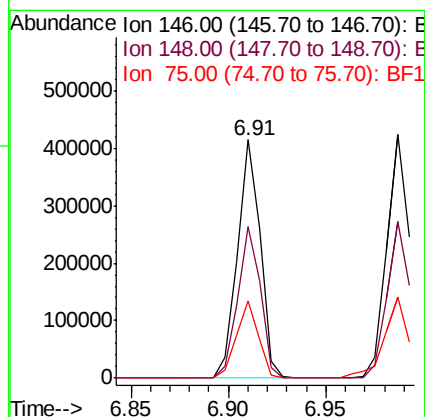
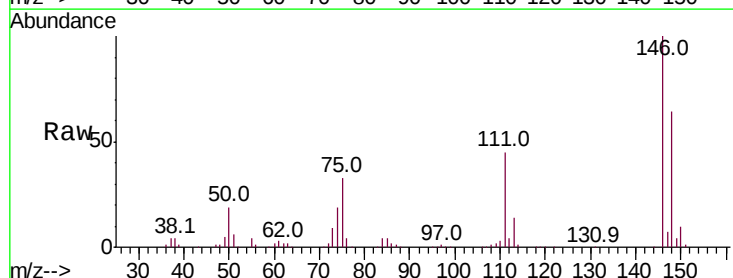
RT: 6.91 min Scan# 820

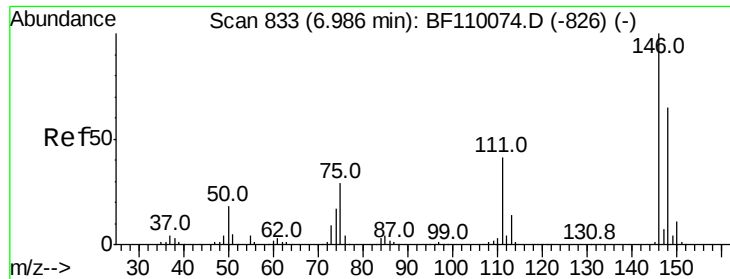
Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion	146	Resp	334623
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
75	32.5	25.8	38.6





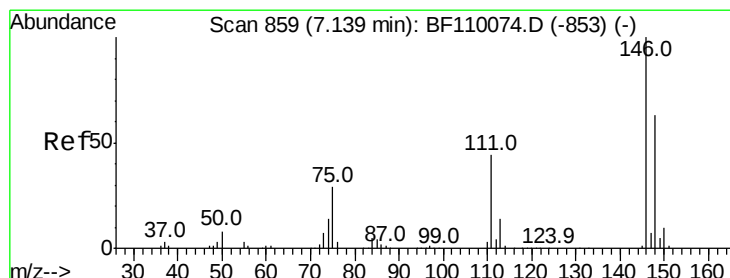
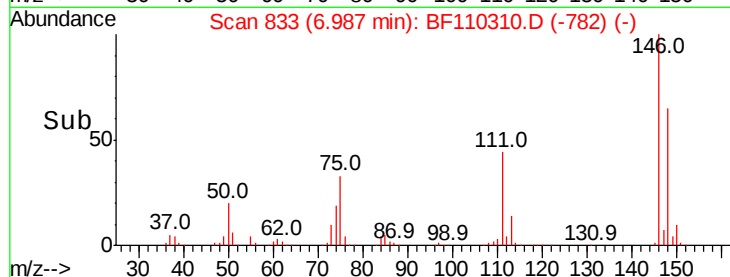
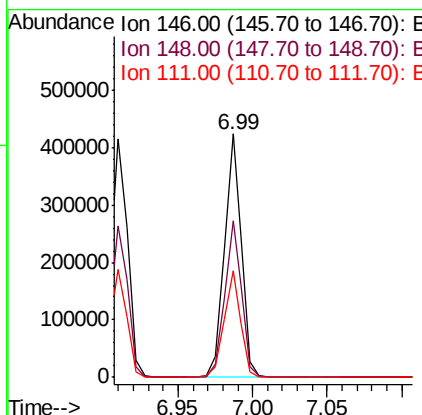
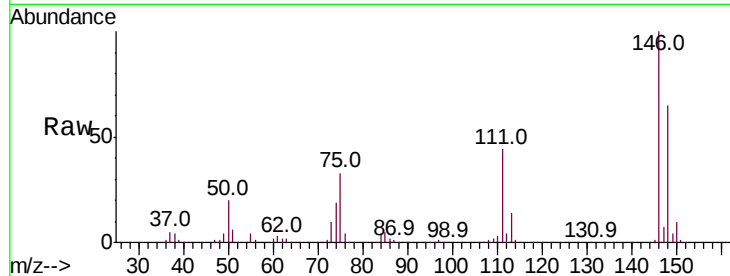
#13
1,4-Dichlorobenzene
Concen: 40.345 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.3	75.5
111	43.6	32.7	49.1

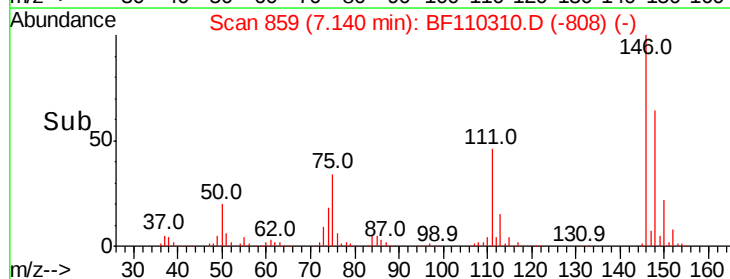
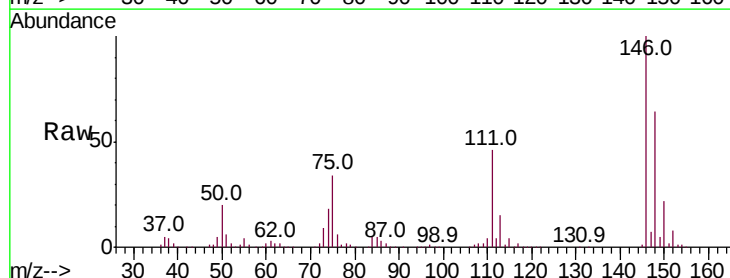
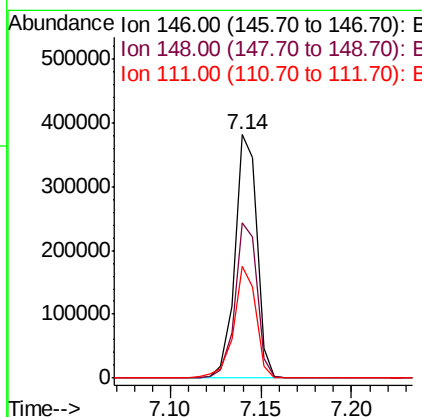
Manual Integrations
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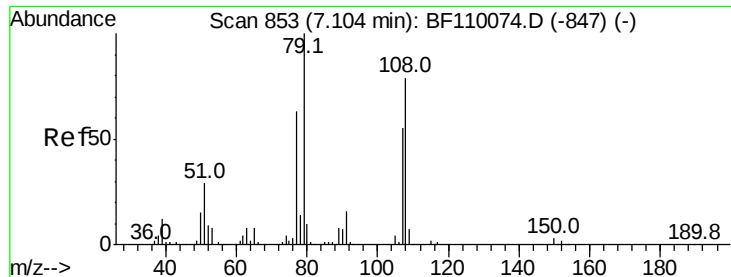
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.151 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	46.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.504 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

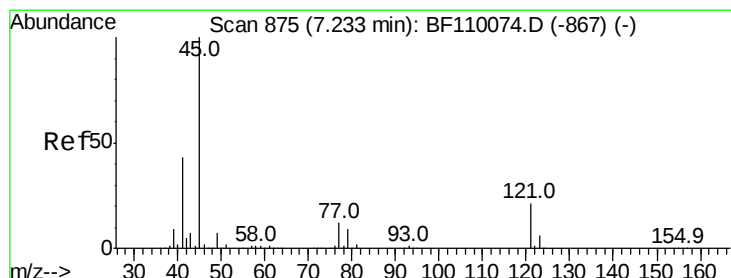
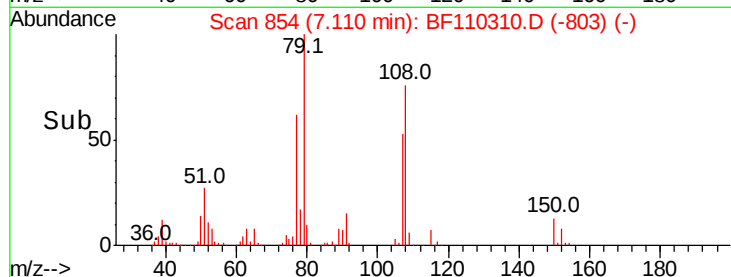
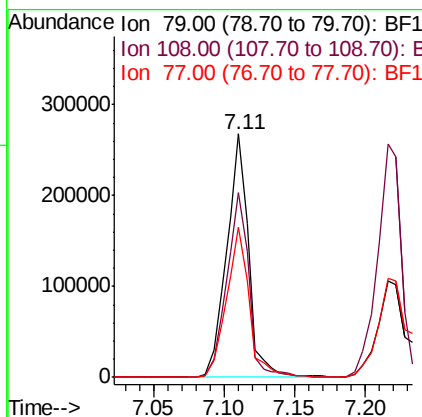
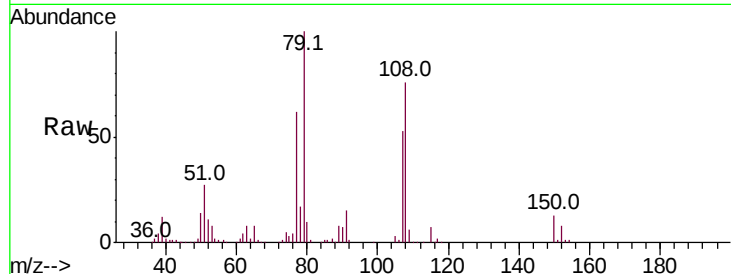
ClientSampleId :

PB114313BS

Tot Ion:	79	Resp:	287916
Ion Ratio	Lower	Upper	
79	100		
108	75.8	56.3	84.5
77	61.8	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.367 ng

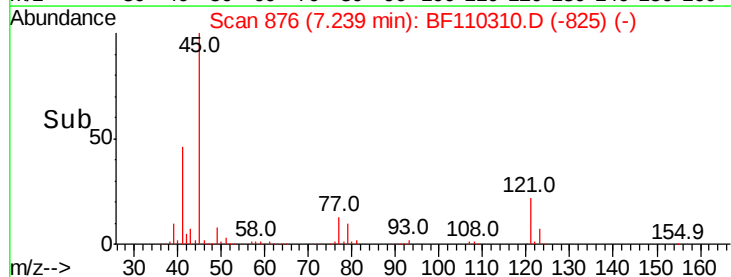
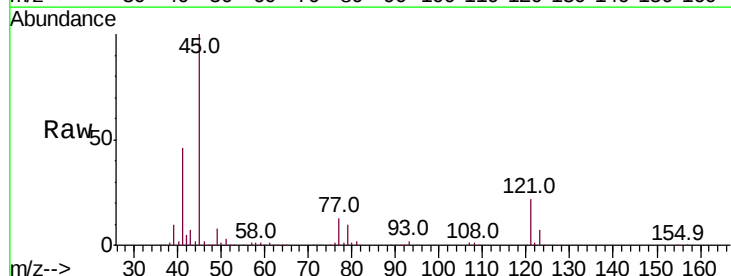
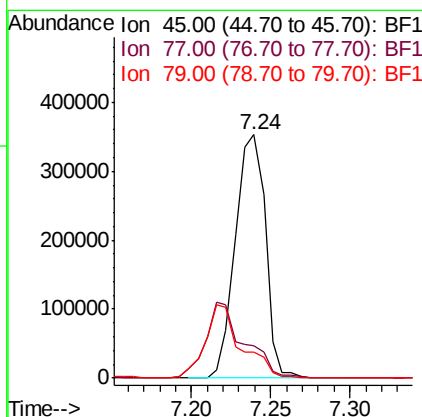
RT: 7.24 min Scan# 876

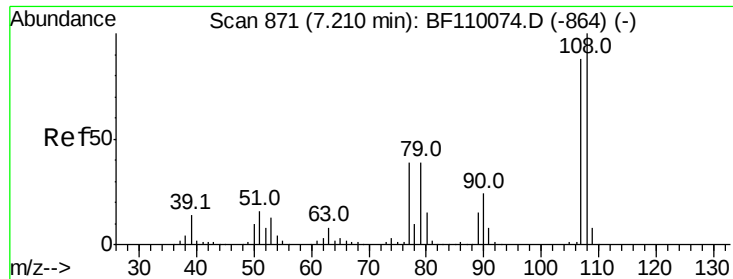
Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	45	Resp:	465605
Ion Ratio	Lower	Upper	
45	100		
77	13.4	10.0	50.0
79	10.4	6.1	46.1





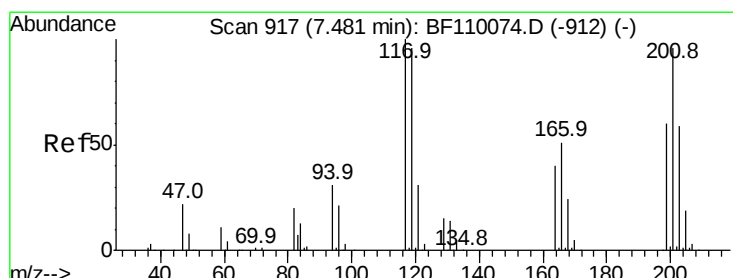
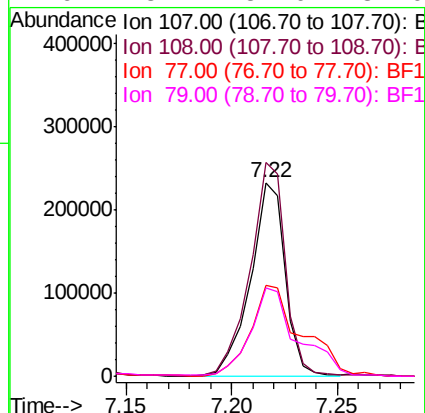
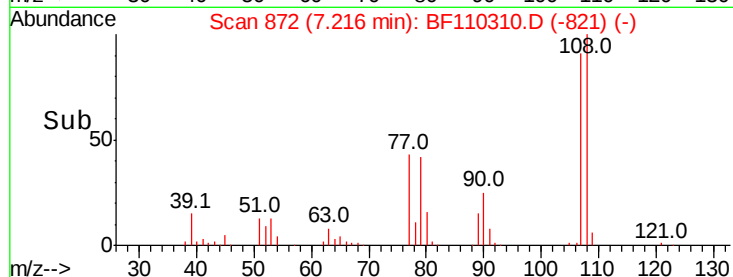
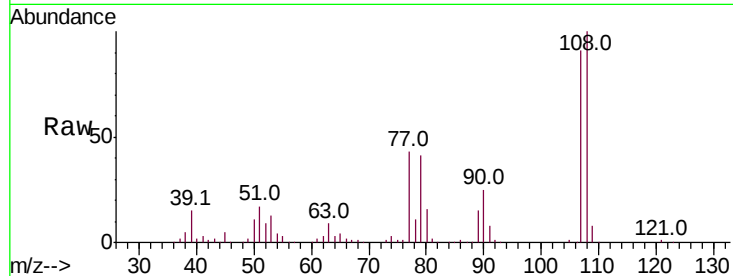
#17
2-Methylphenol
Concen: 43.808 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	110.2	92.6	138.8
77	47.0	59.4	89.2#
79	45.7	54.0	81.0#

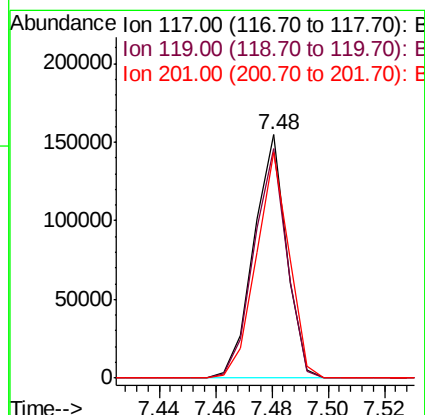
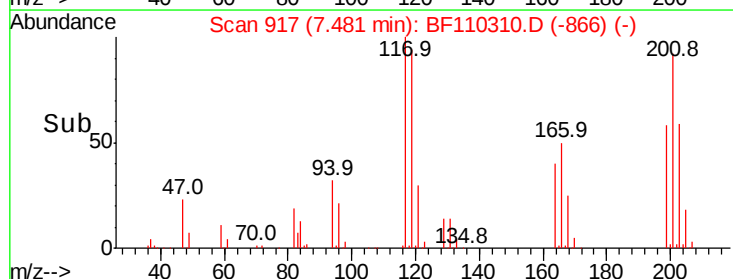
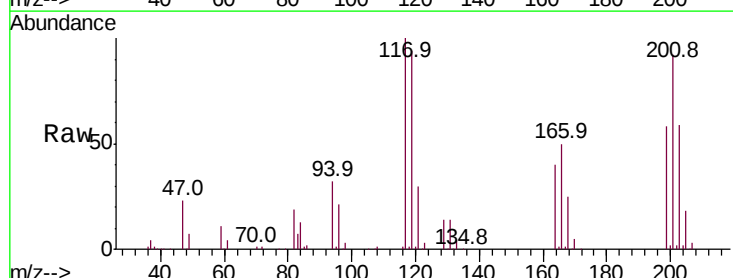
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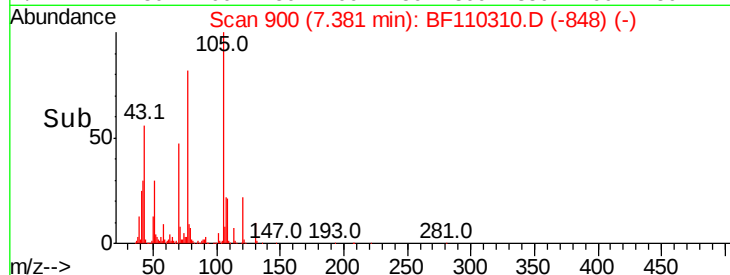
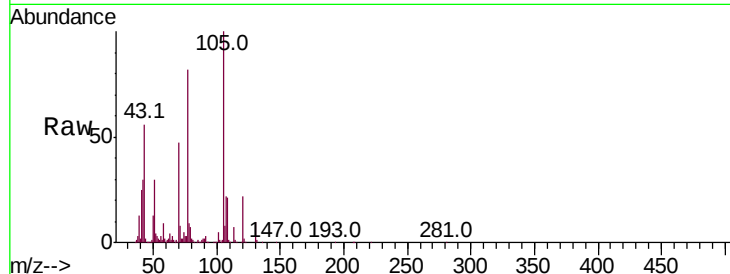
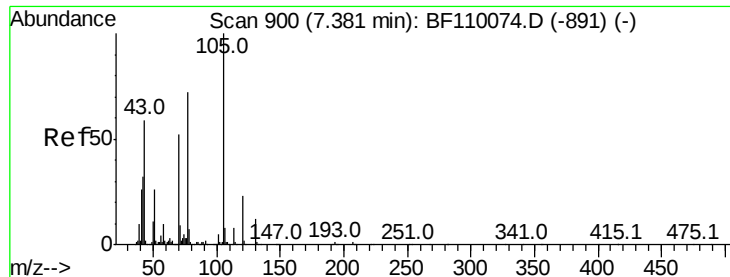
Sohil
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#18
Hexachloroethane
Concen: 40.211 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	94.3	75.0	112.6
201	92.5	79.2	118.8





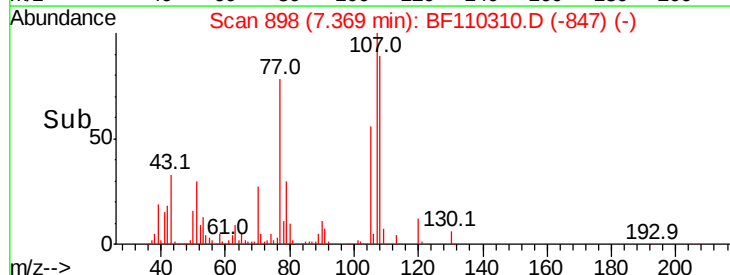
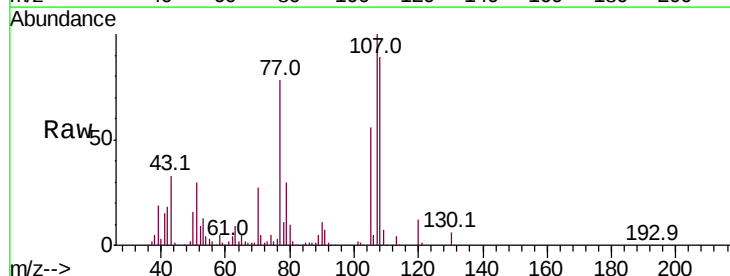
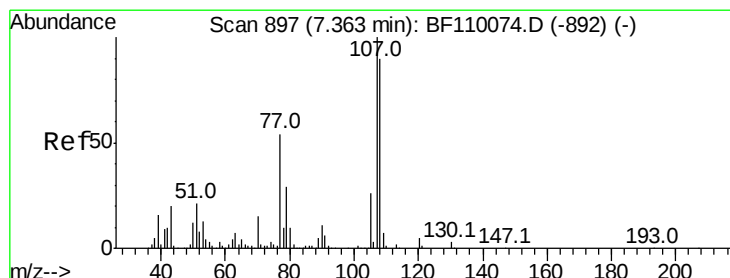
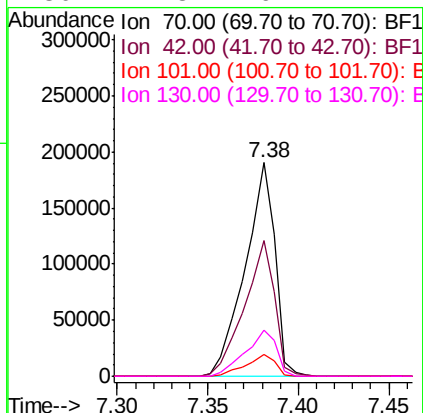
#19
n-Nitroso-di-n-propylamine
Concen: 40.401 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.4	71.2
101	10.0	7.3	10.9
130	21.8	16.2	24.2

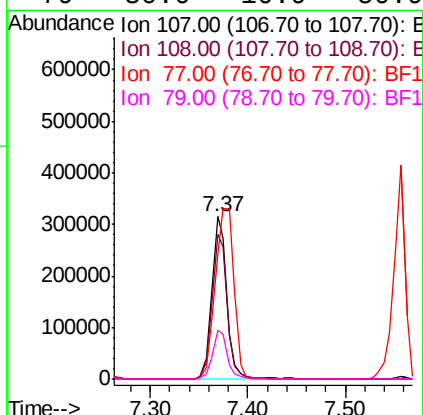
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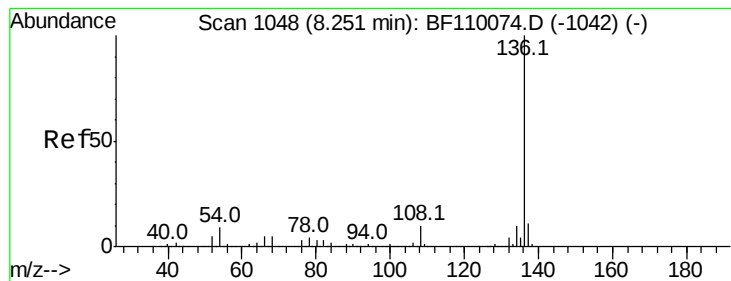
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#20
3+4-Methylphenols
Concen: 42.662 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.4	111.4
77	77.6	47.3	87.3
79	30.0	10.9	50.9





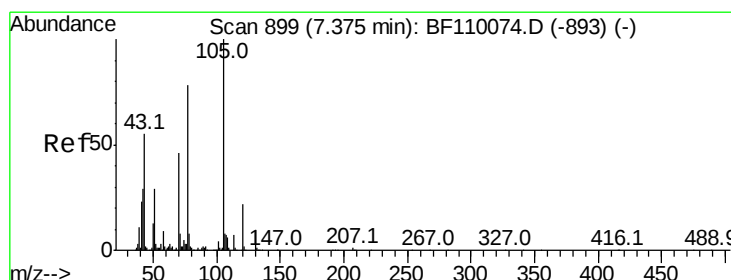
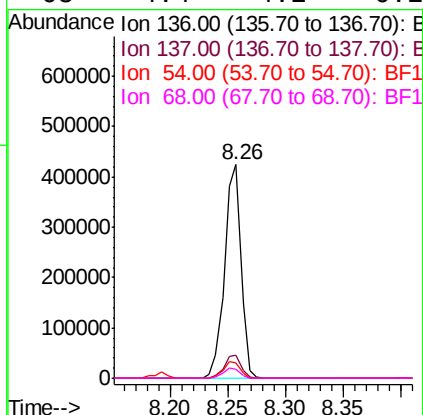
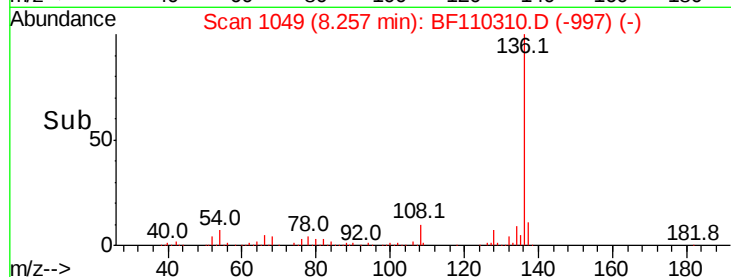
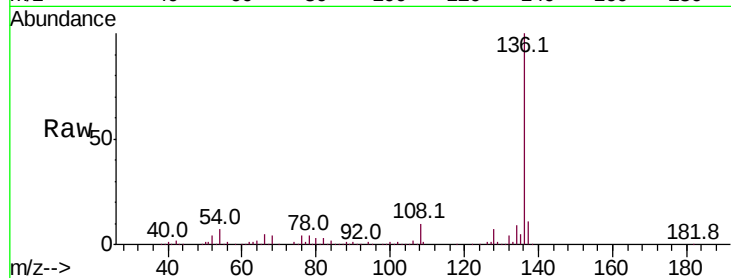
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.8	13.2	
54	7.3	5.4	8.2	
68	4.4	4.2	6.2	

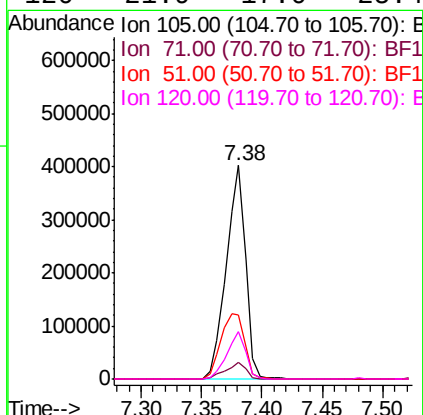
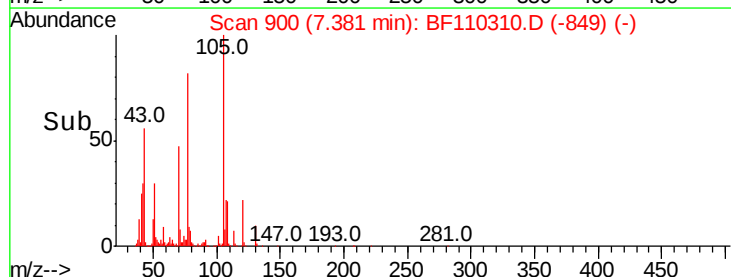
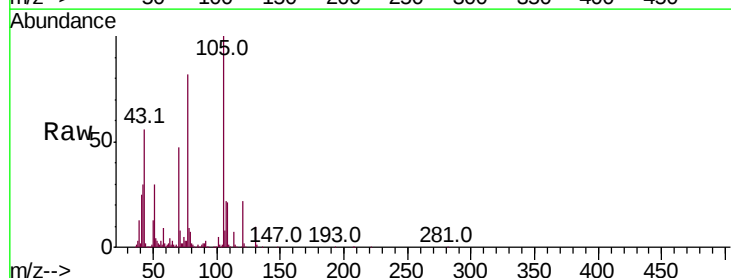
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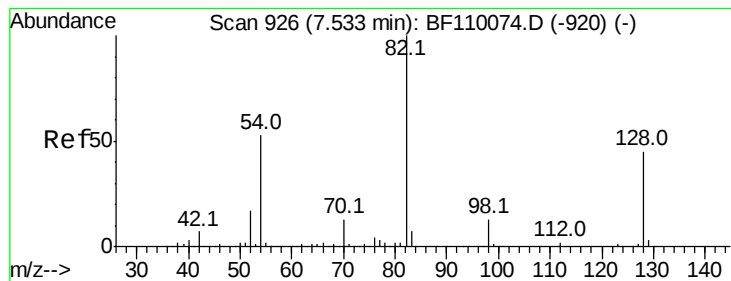
Sohil
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#22
Acetophenone
Concen: 45.777 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	5.2	7.8#	
51	29.9	21.8	32.8	
120	21.9	17.0	25.4	





#23

Nitrobenzene-d5

Concen: 93.235 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

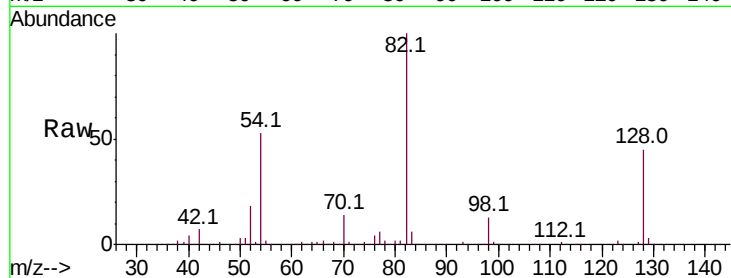
ClientSampleId :

PB114313BS

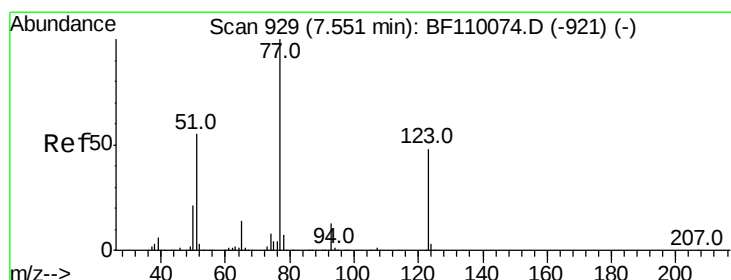
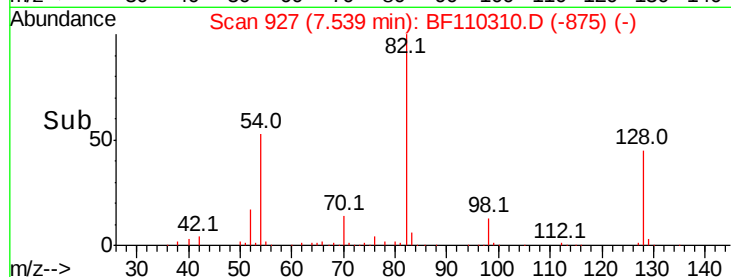
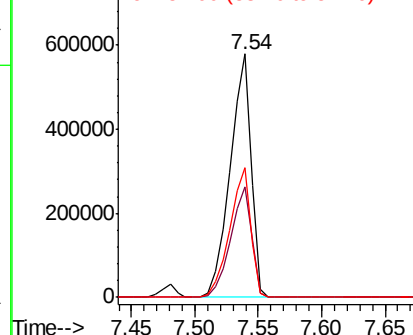
Tot Ion:	82	Resp:	662302
Ion Ratio	Lower	Upper	
82	100		
128	45.3	34.2	51.2
54	53.1	38.6	58.0

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 45.129 ng

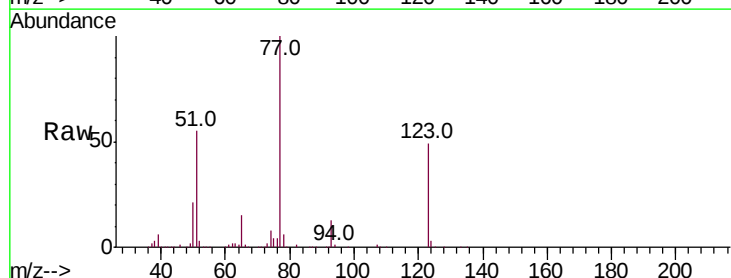
RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

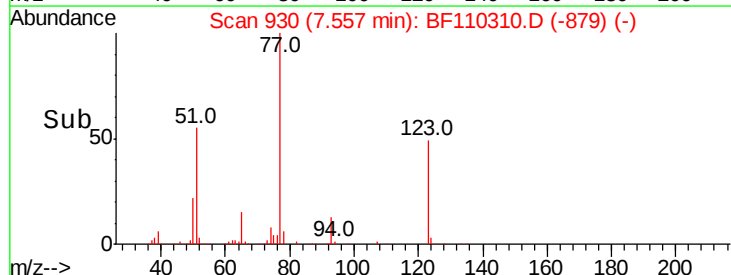
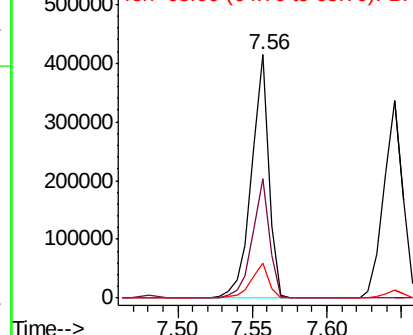
Lab File: BF110310.D

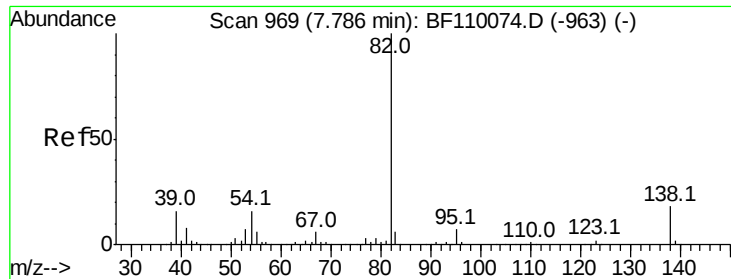
Acq: 30 Oct 2018 18:29

Tgt Ion:	77	Resp:	330974
Ion Ratio	Lower	Upper	
77	100		
123	48.9	35.7	53.5
65	14.6	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.159 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

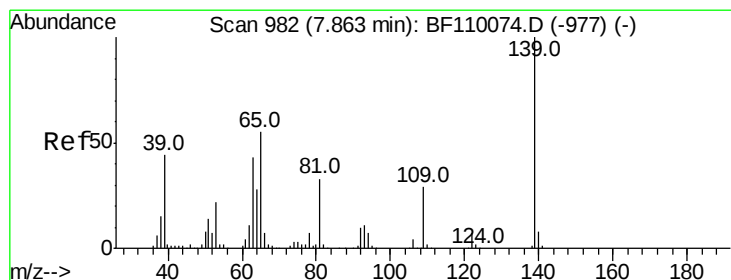
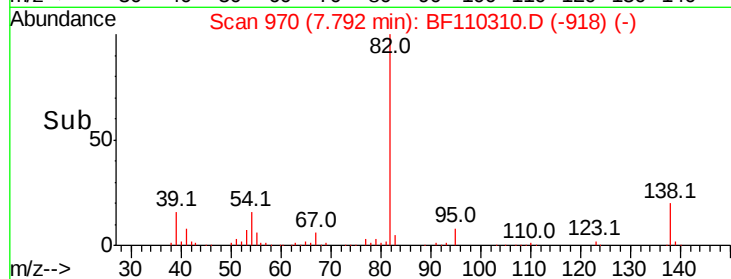
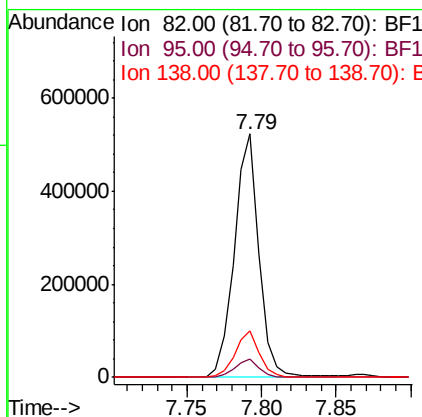
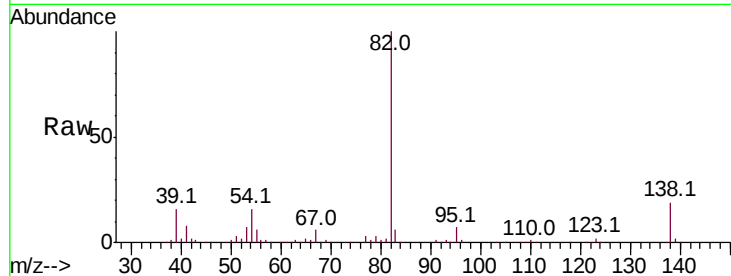
ClientSampleId :

PB114313BS

Tot Ion:	82	Resp:	607367
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	19.2	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.078 ng

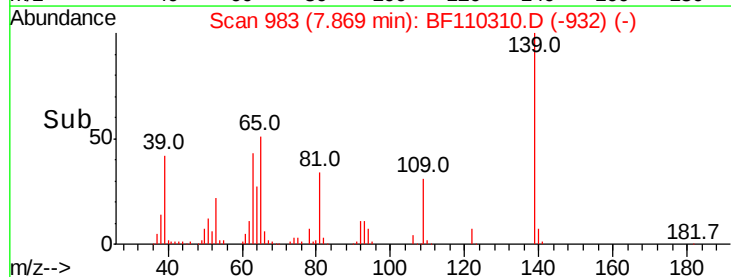
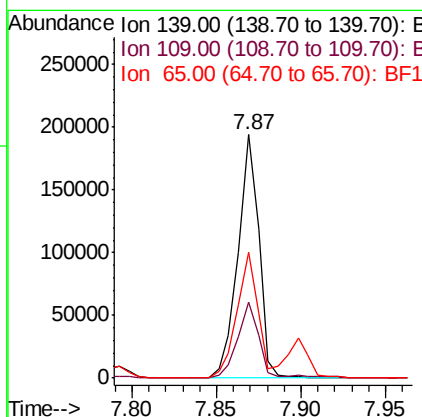
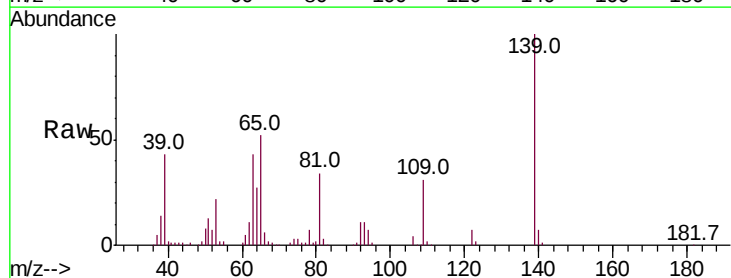
RT: 7.87 min Scan# 983

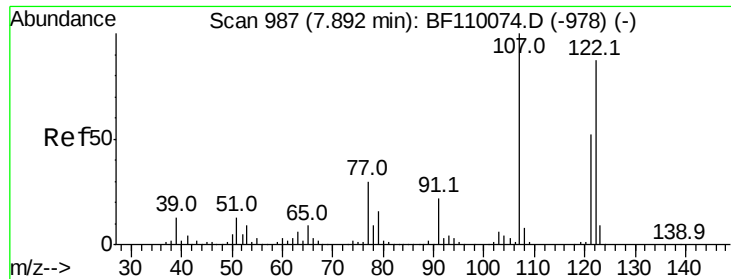
Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	139	Resp:	167789
Ion Ratio	Lower	Upper	
139	100		
109	31.4	25.0	37.6
65	51.8	44.0	66.0





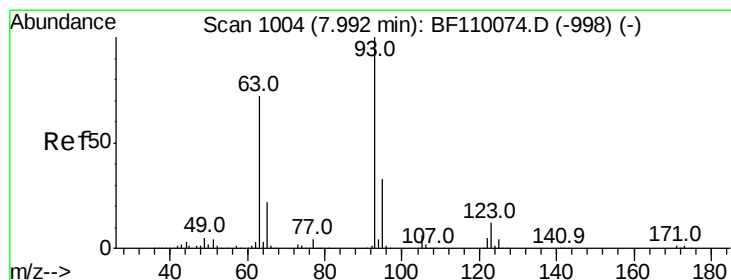
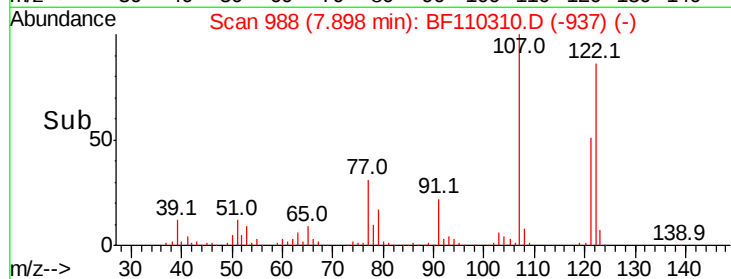
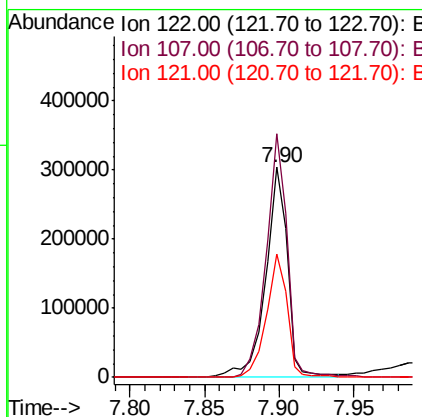
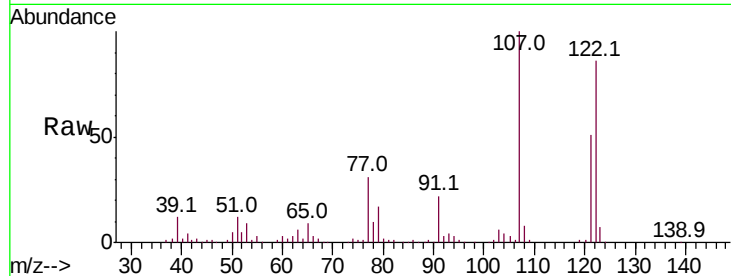
#27
2,4-Dimethylphenol
Concen: 52.563 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.5	138.7
121	58.7	45.8	68.8

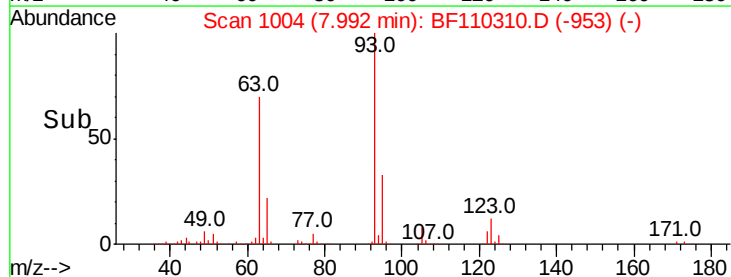
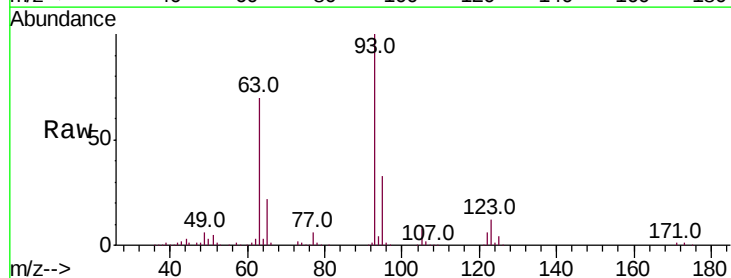
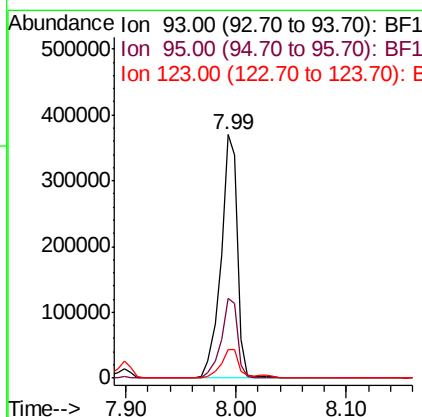
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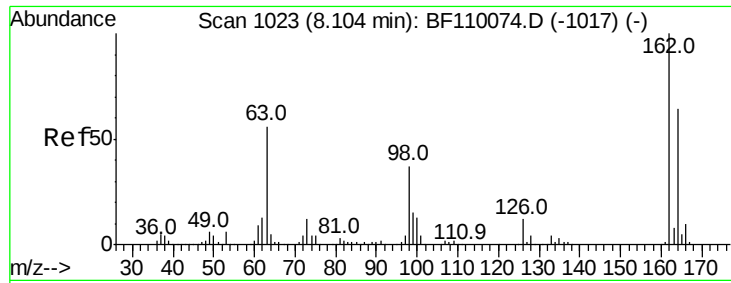
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 46.712 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.4	39.6
123	11.8	9.0	13.6





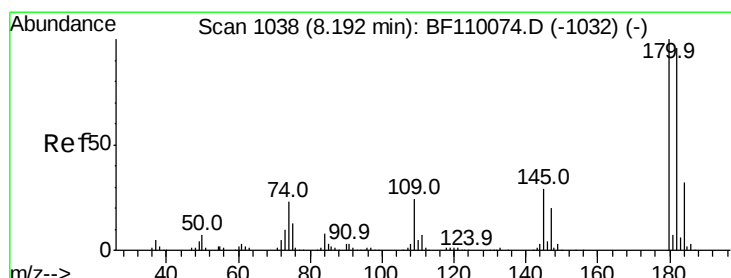
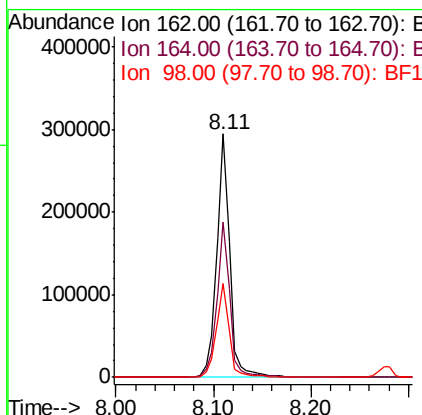
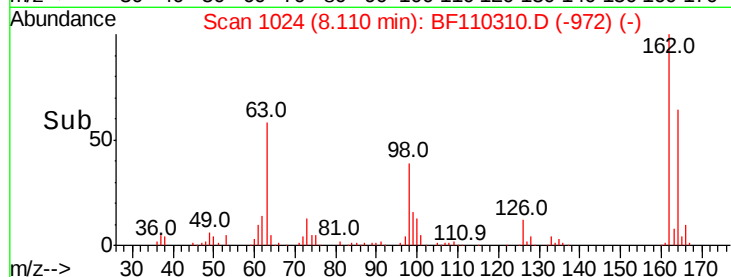
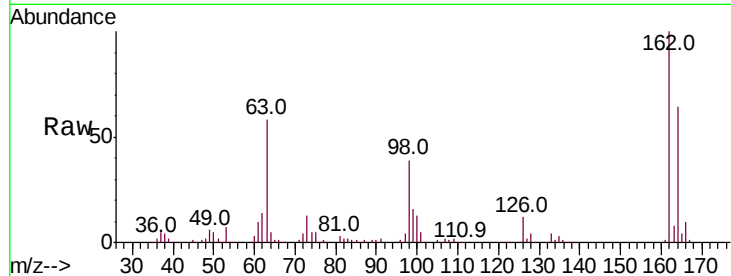
#29
 2,4-Dichlorophenol
 Concen: 46.901 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274172		
164	63.9	44.6	84.6	
98	38.7	17.4	57.4	

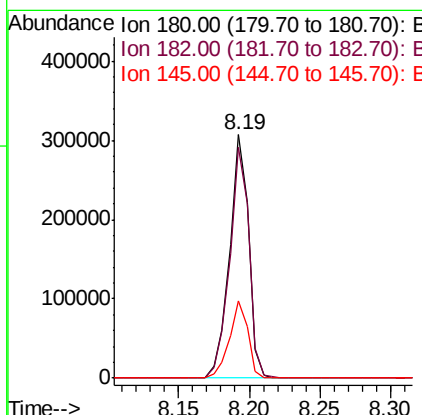
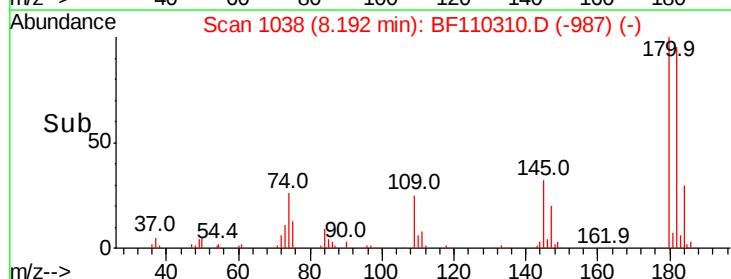
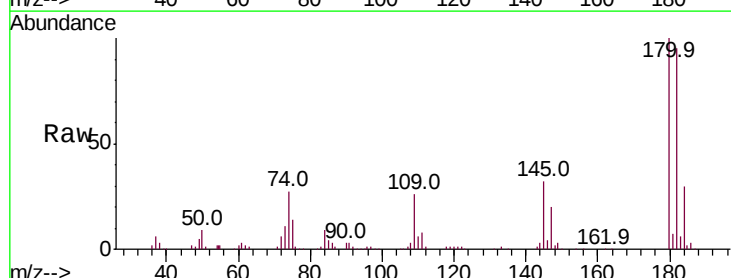
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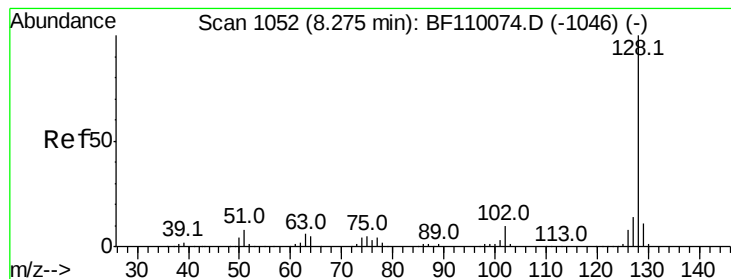
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.247 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	289723		
182	94.9	80.3	120.5	
145	31.6	25.4	38.0	





#31

Naphthalene

Concen: 47.665 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

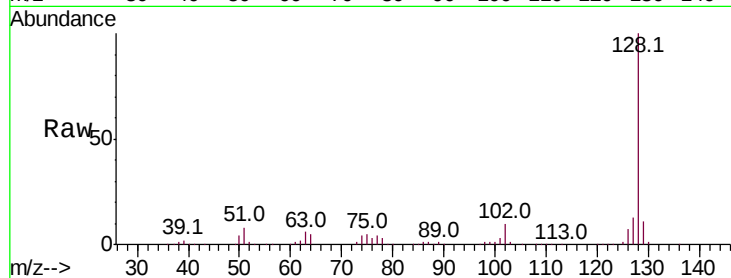
ClientSampleId :

PB114313BS

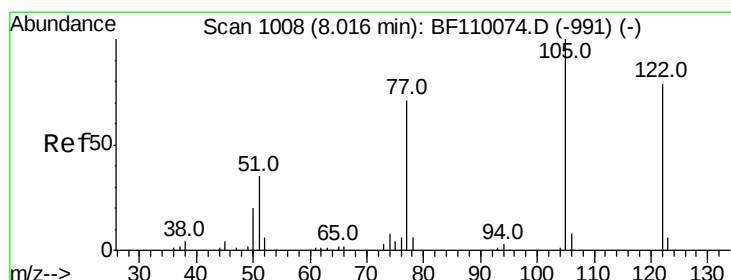
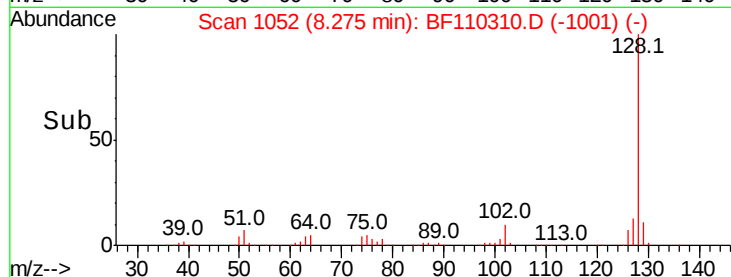
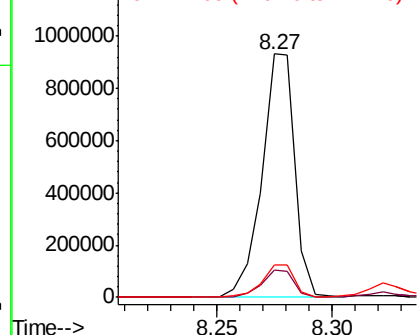
Tot Ion:	128	Resp:	925603
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.2	10.8	16.2

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



#32

Benzoic acid

Concen: 29.736 ng

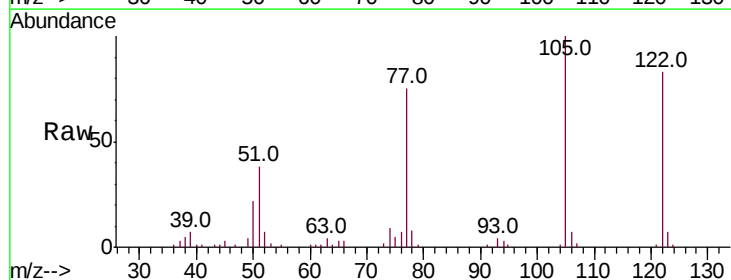
RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

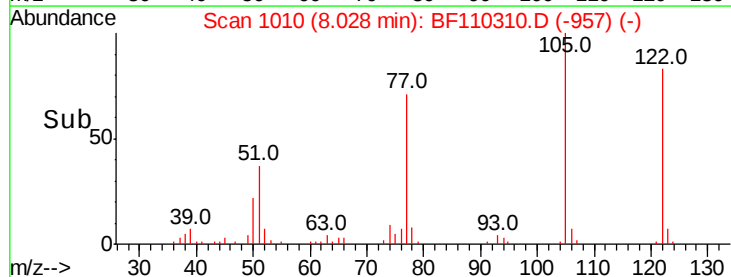
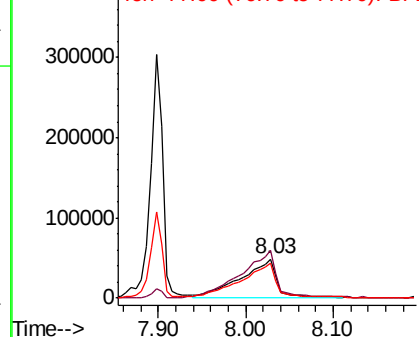
Lab File: BF110310.D

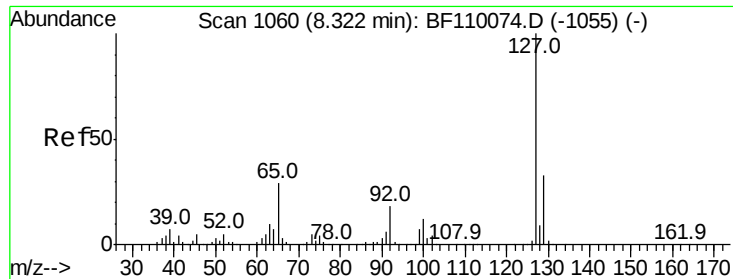
Acq: 30 Oct 2018 18:29

Tgt Ion:	122	Resp:	132981
Ion Ratio	Lower	Upper	
122	100		
105	120.1	109.0	149.0
77	89.5	79.0	119.0



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





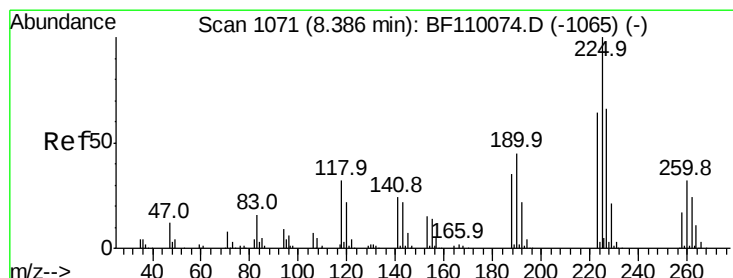
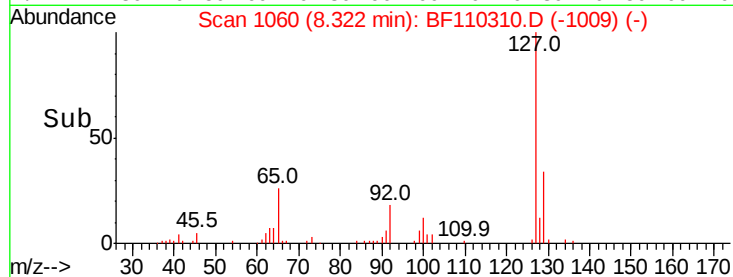
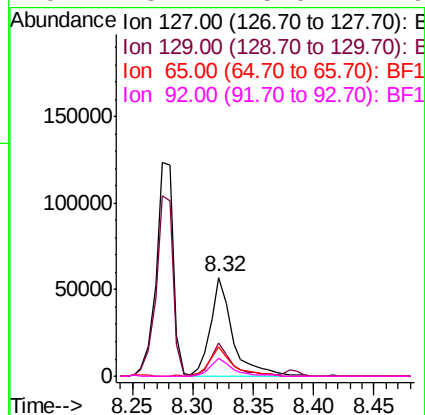
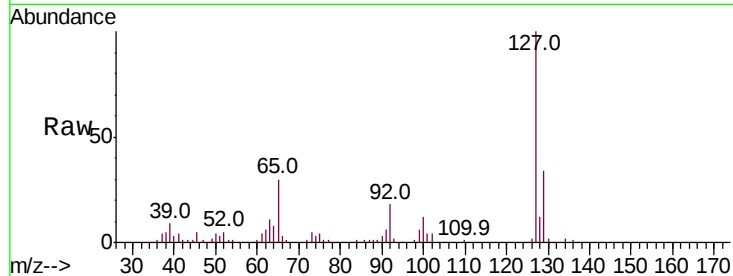
#33
4-Chloroaniline
Concen: 8.399 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.0	26.0	39.0		
65	29.9	25.1	37.7		
92	18.4	15.0	22.6		

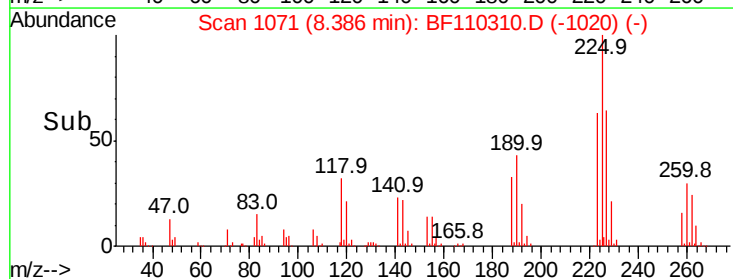
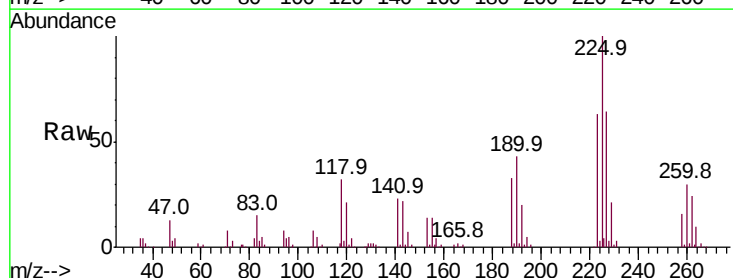
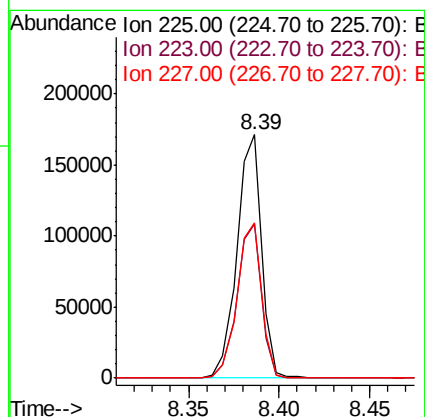
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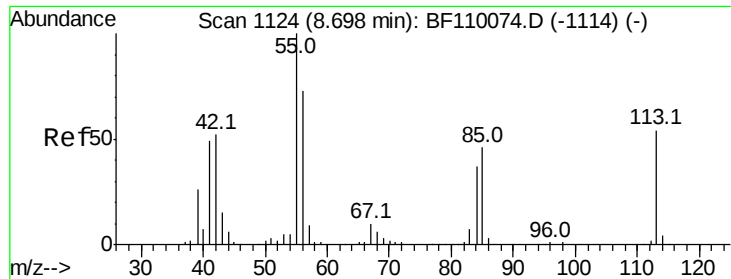
Sohil
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#34
Hexachlorobutadiene
Concen: 44.335 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.4	77.2		
227	63.9	51.0	76.6		





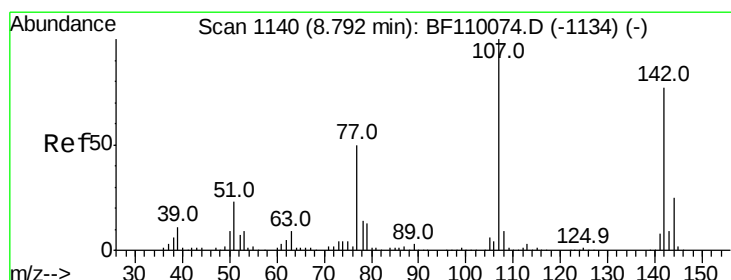
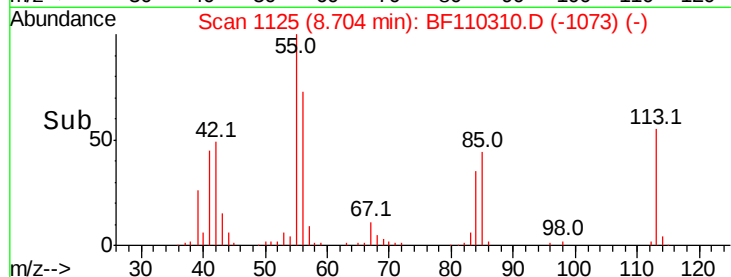
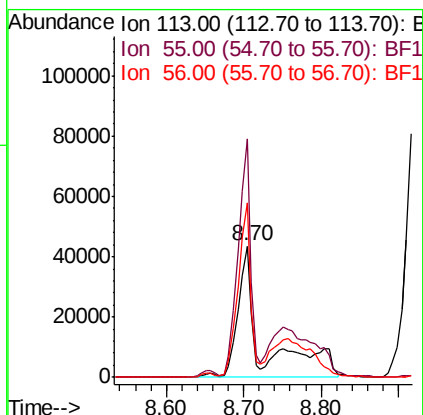
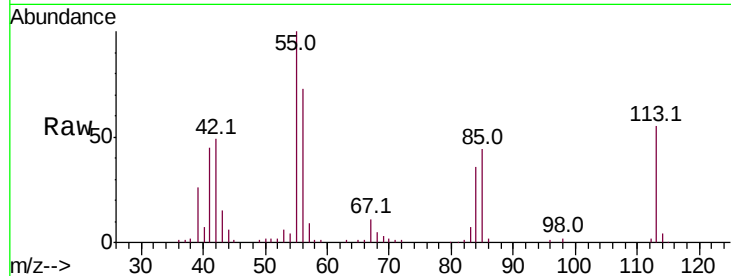
#35
Caprolactam
Concen: 46.512 ng/ml
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleID :
PB114313BS

Tot Ion:113 Resp: 94767
Ion Ratio Lower Upper
113 100
55 181.4 142.8 182.8
56 133.1 105.0 145.0

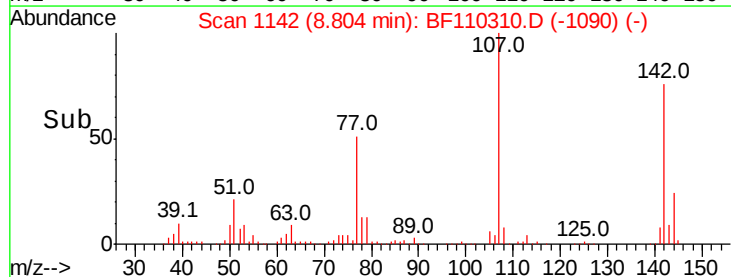
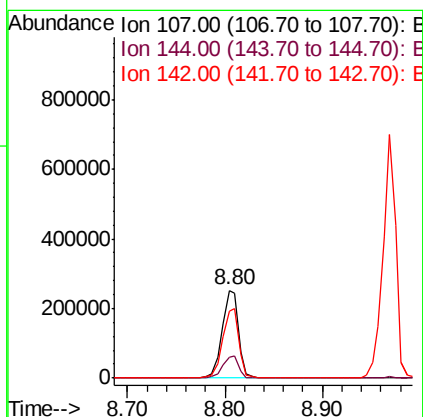
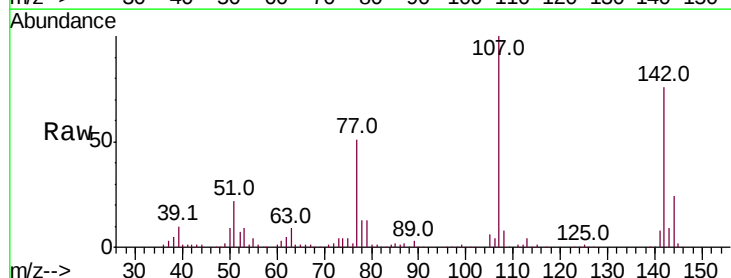
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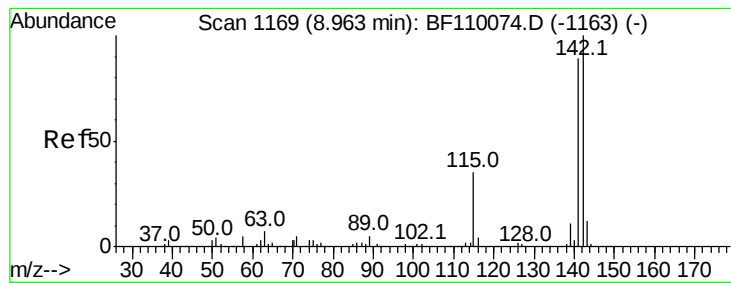
Sohil
10/31/2018 11:15:02 AM



#36
4-Chloro-3-methylphenol
Concen: 46.212 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion:107 Resp: 292124
Ion Ratio Lower Upper
107 100
144 24.1 20.0 30.0
142 76.3 59.7 89.5





#37

2-Methylnaphthalene

Concen: 49.767 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

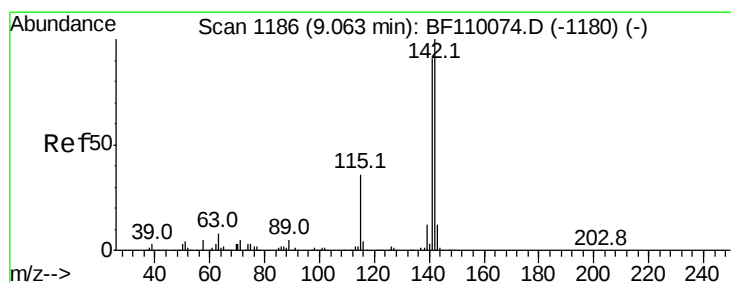
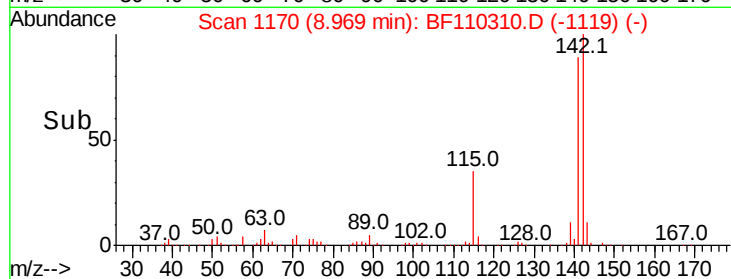
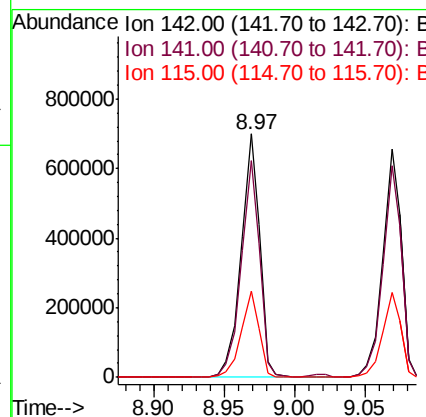
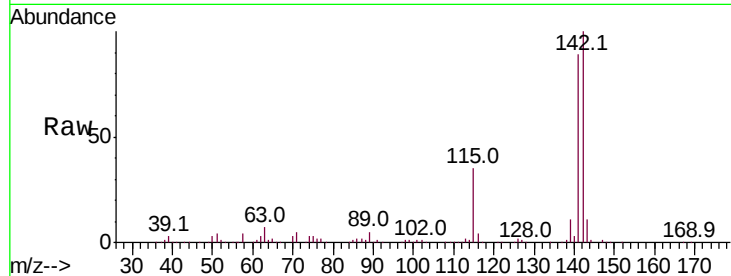
ClientSampleId :

PB114313BS

Tot Ion:	142	Resp:	639417
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.2
115	35.3	28.7	43.1

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#38

1-Methylnaphthalene

Concen: 48.022 ng

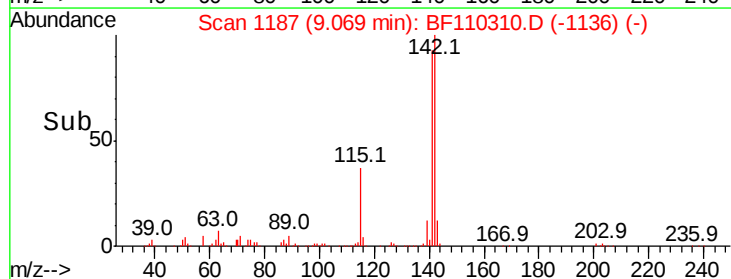
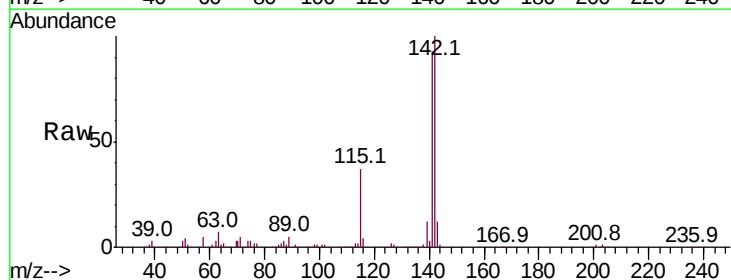
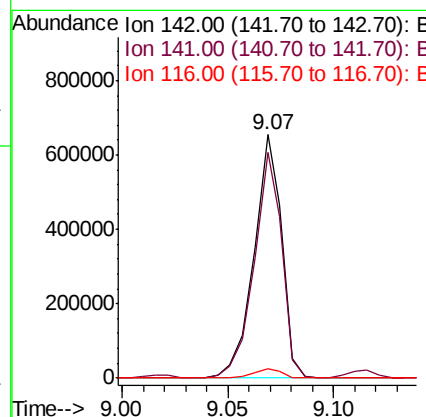
RT: 9.07 min Scan# 1187

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	142	Resp:	596237
Ion Ratio	Lower	Upper	
142	100		
141	92.6	74.2	111.4
116	4.0	2.6	4.0





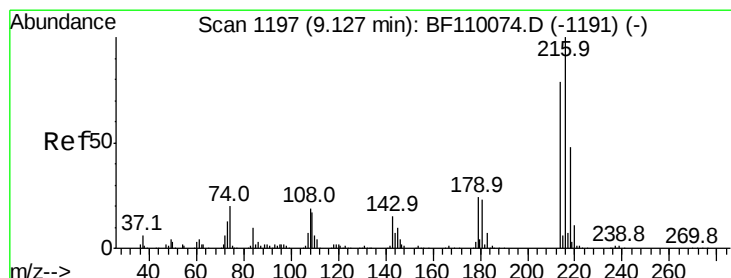
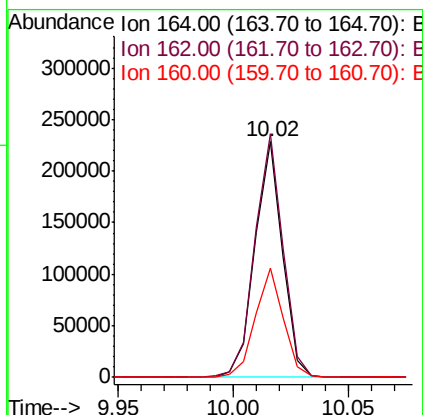
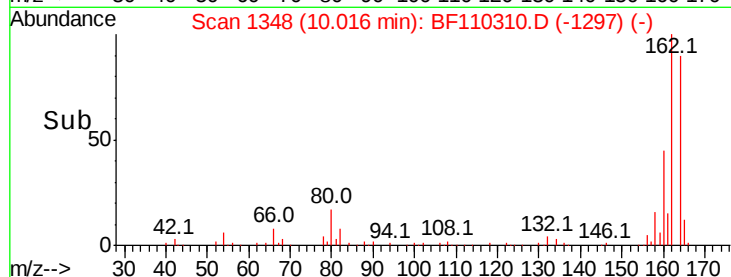
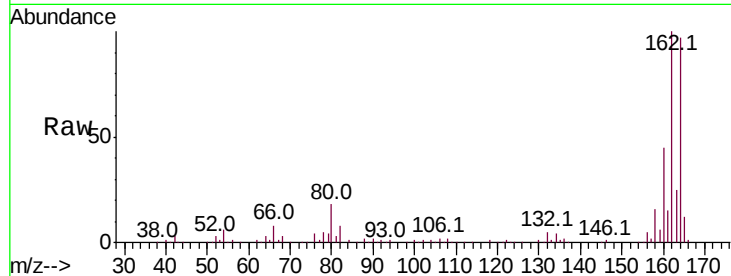
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.0	124.6
160	46.3	37.0	55.6

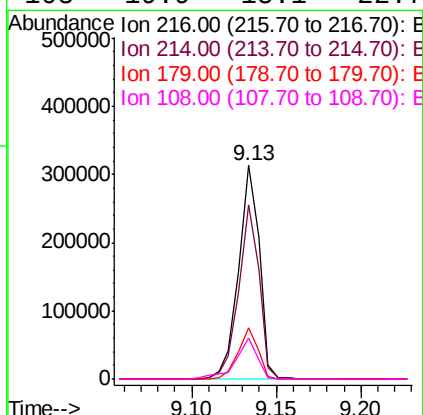
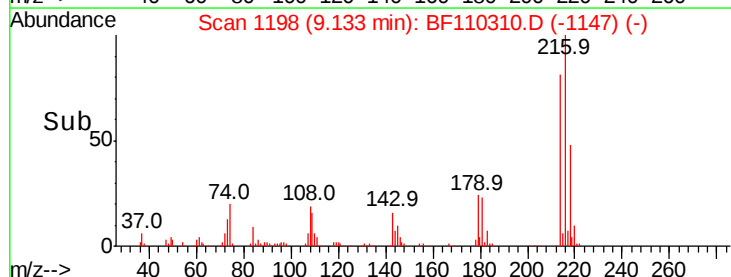
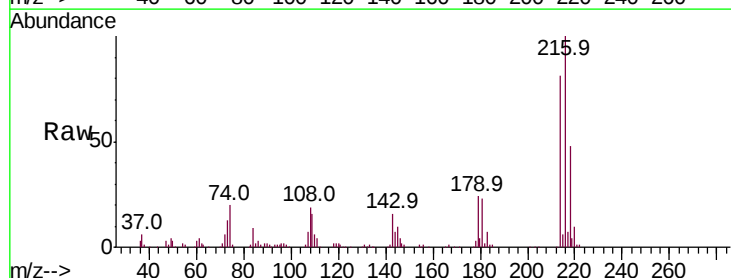
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.959 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.6
179	23.1	16.6	25.0
108	19.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 44.382 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

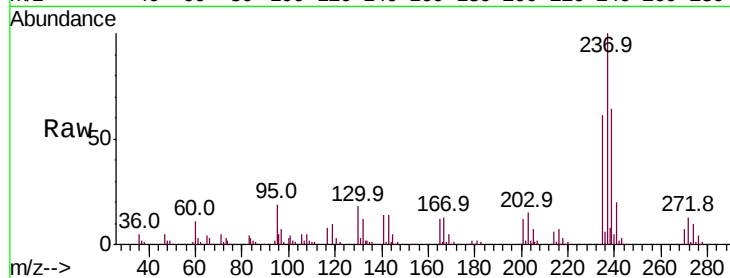
ClientSampleId :

PB114313BS

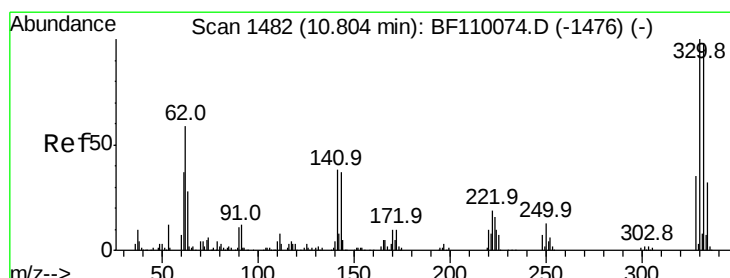
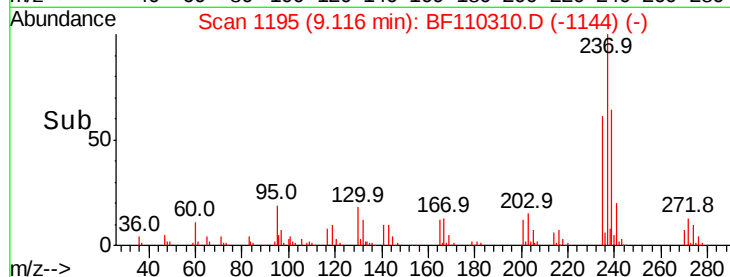
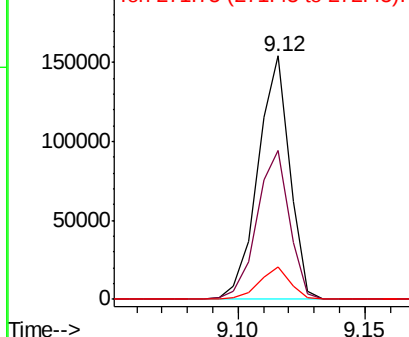
Tot Ion:	237	Resp:	135093
Ion Ratio	Lower	Upper	
237	100		
235	61.1	43.1	83.1
272	13.2	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 84.362 ng

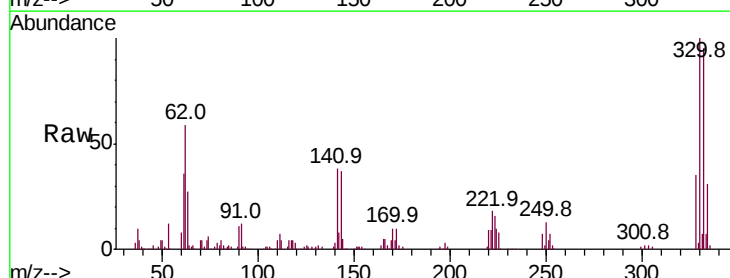
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

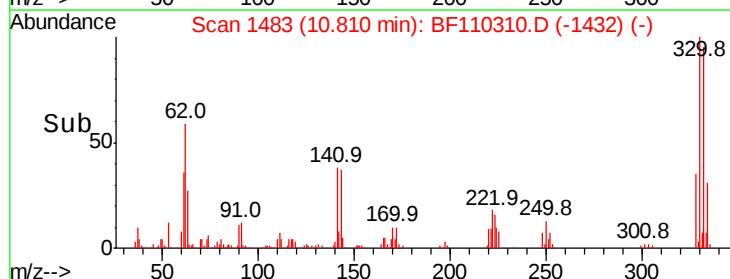
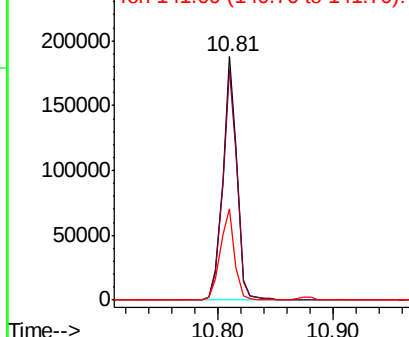
Lab File: BF110310.D

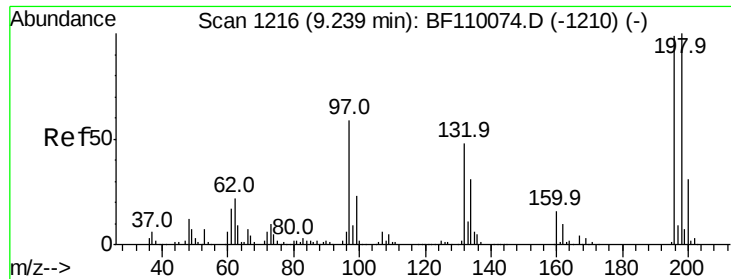
Acq: 30 Oct 2018 18:29

Tgt Ion:	330	Resp:	159654
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.1	115.7
141	37.6	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





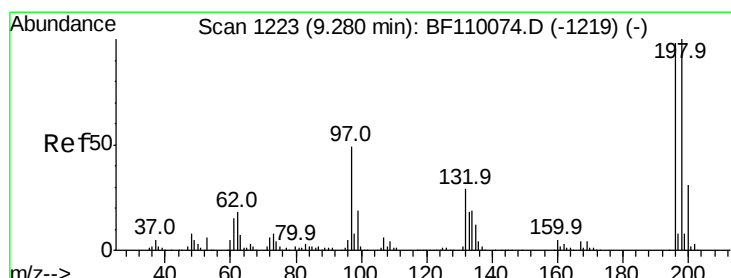
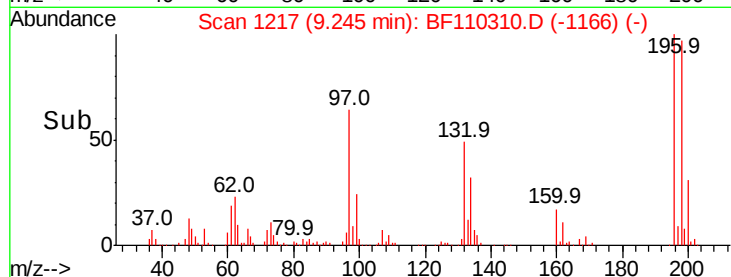
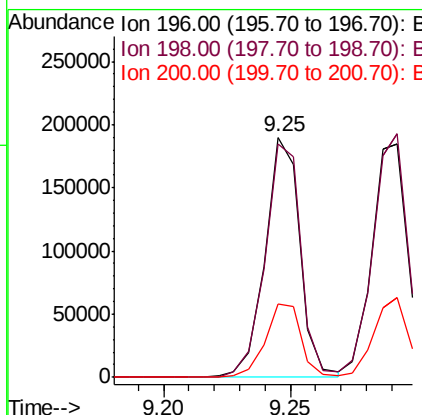
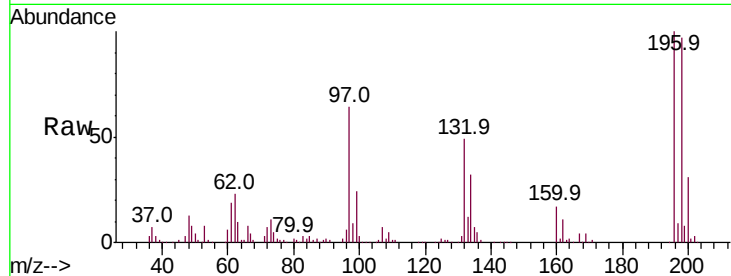
#43
 2,4,6-Trichlorophenol
 Concen: 47.723 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	183231		
198	97.1	76.2	114.4	
200	30.6	24.4	36.6	

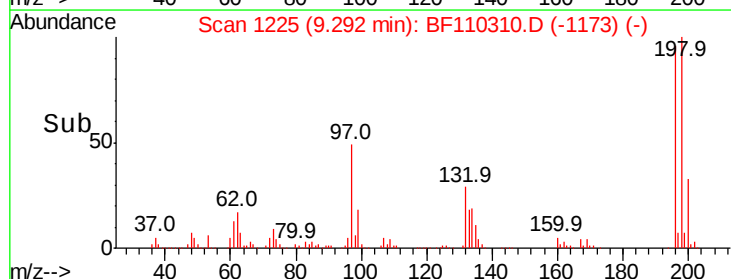
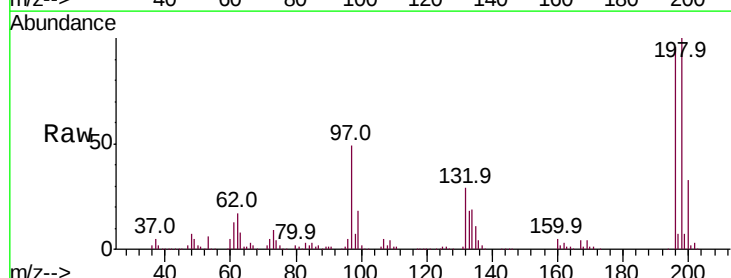
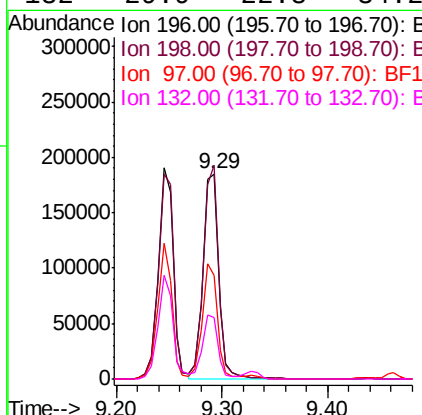
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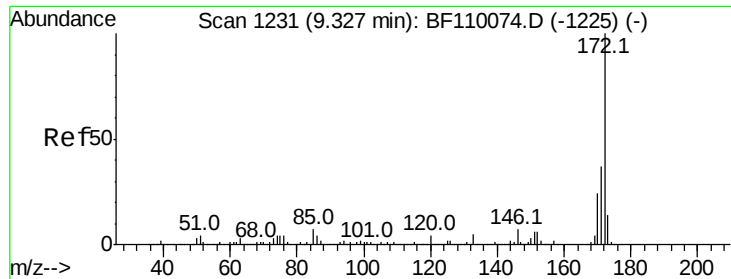
Sohil
 10/31/2018 11:15:02 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.038 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190901		
198	104.0	75.8	113.6	
97	50.5	42.4	63.6	
132	29.9	22.8	34.2	





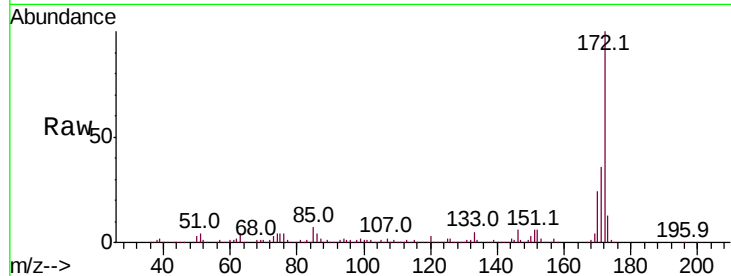
#45
2-Fluorobiphenyl
Concen: 99.506 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	19.7	29.5

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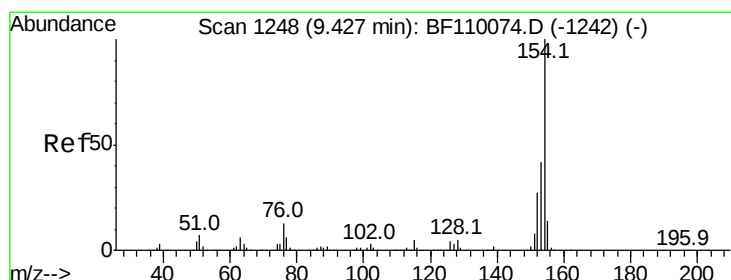
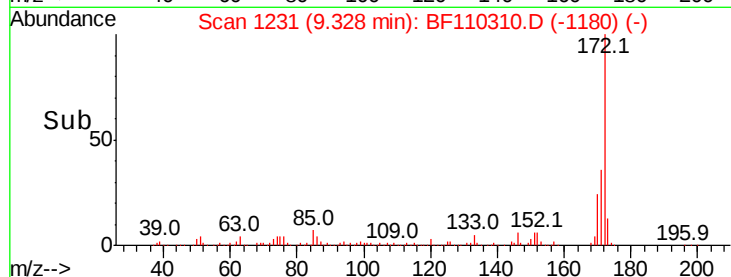
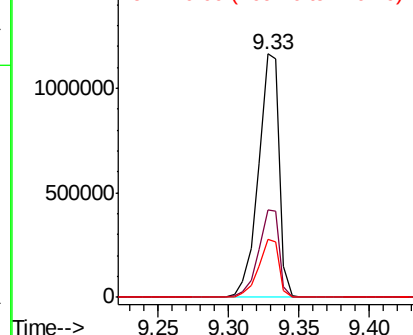


Abundance

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: 43.913 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

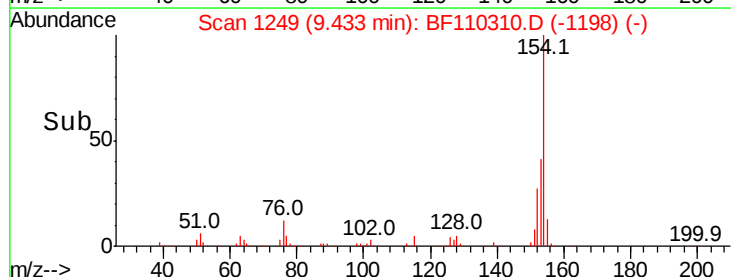
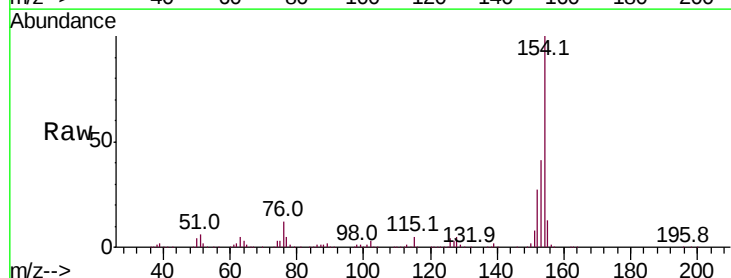
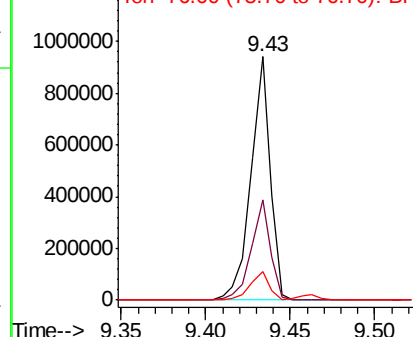
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	11.7	0.0	31.9

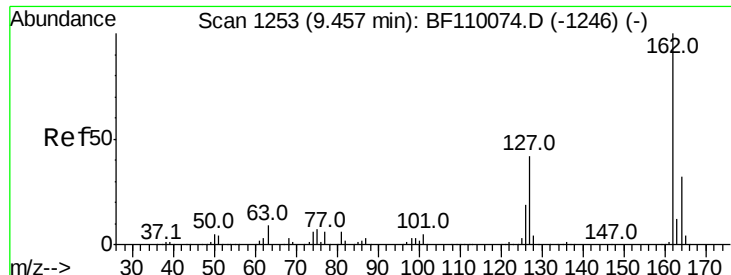
Abundance

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: 45.462 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

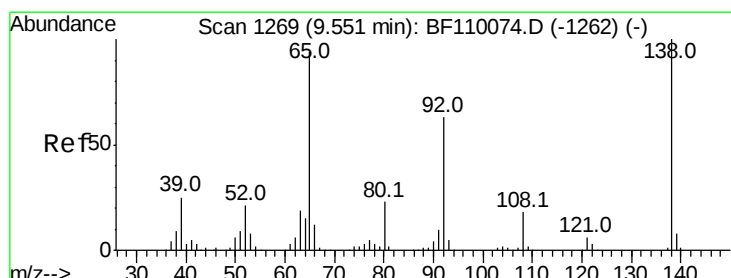
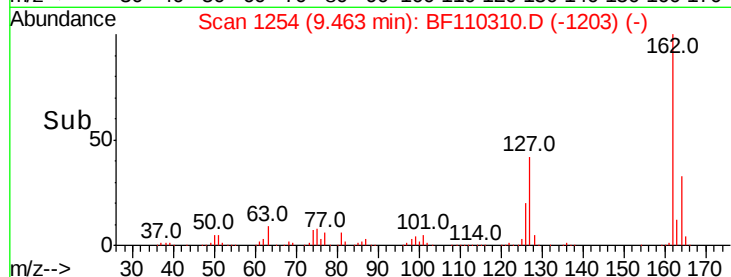
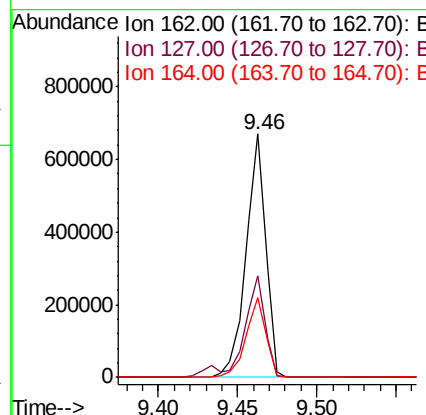
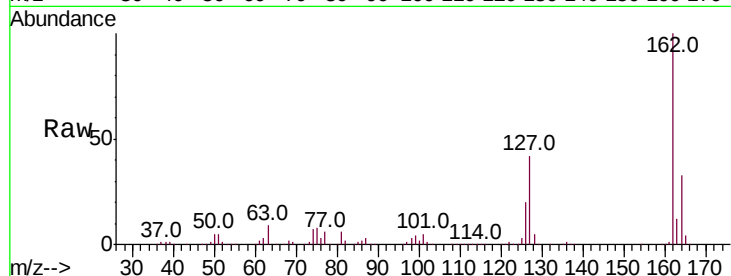
ClientSampleId :

PB114313BS

Tot Ion:	162	Resp:	576137
Ion Ratio	Lower	Upper	
162	100		
127	41.5	32.6	48.8
164	32.8	25.9	38.9

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#48

2-Nitroaniline

Concen: 45.859 ng

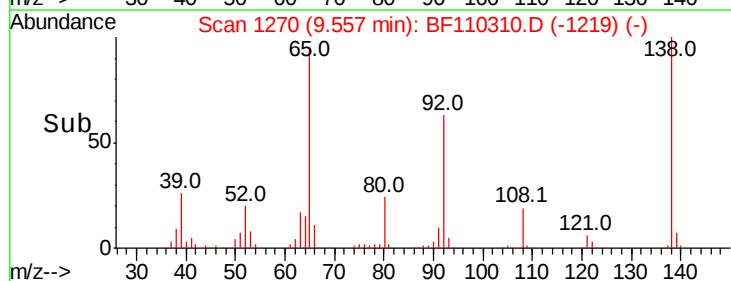
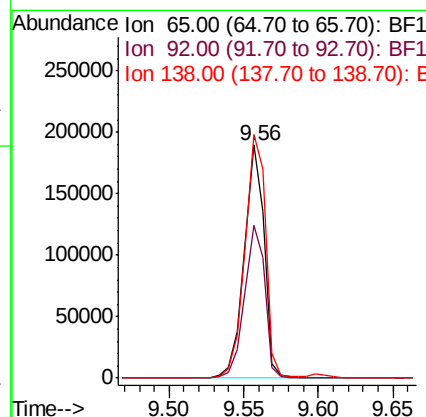
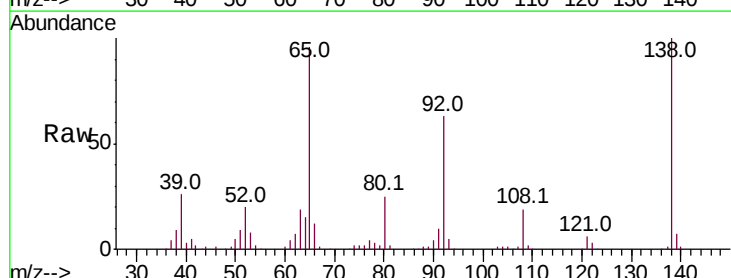
RT: 9.56 min Scan# 1270

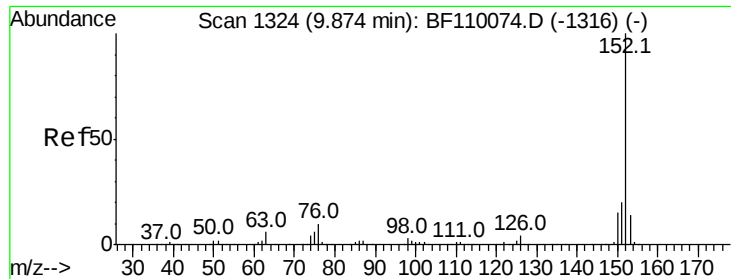
Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	65	Resp:	176115
Ion Ratio	Lower	Upper	
65	100		
92	65.8	54.6	81.8
138	104.4	80.3	120.5





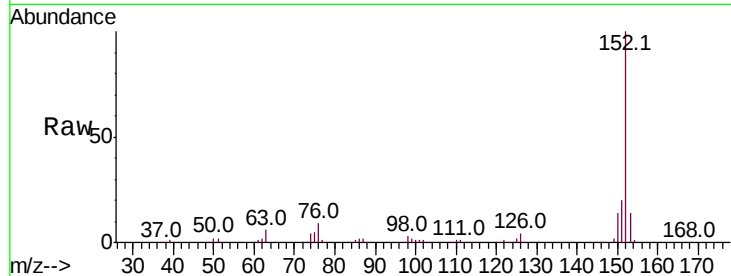
#49
Acenaphthylene
Concen: 48.522 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

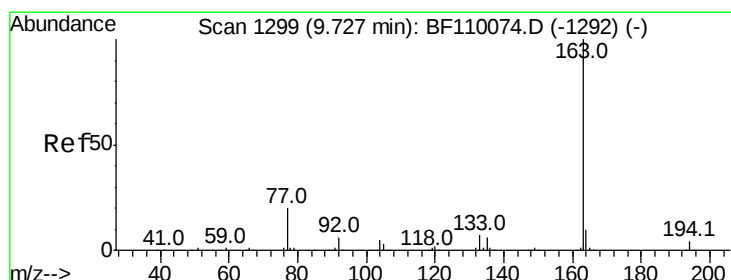
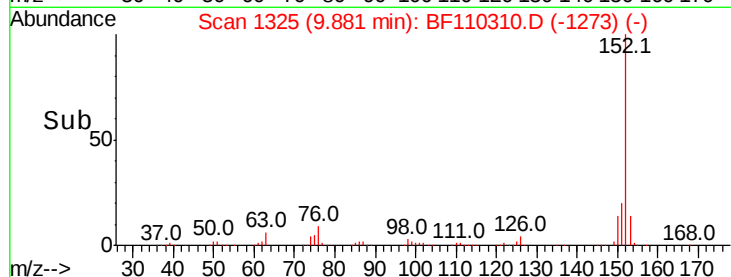
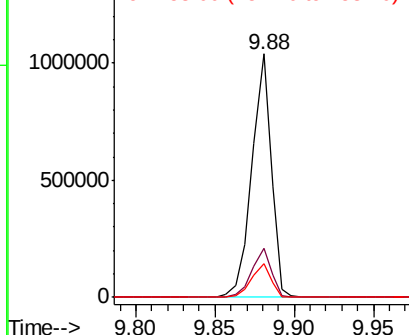
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.9	10.4	15.6

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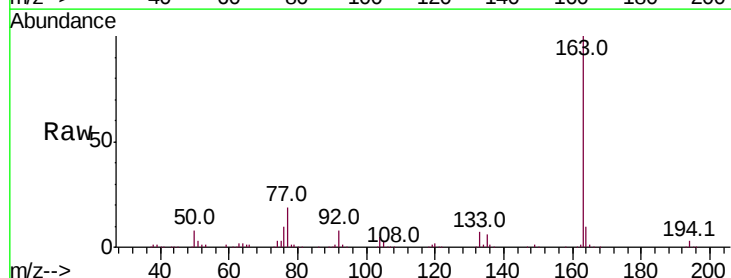


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

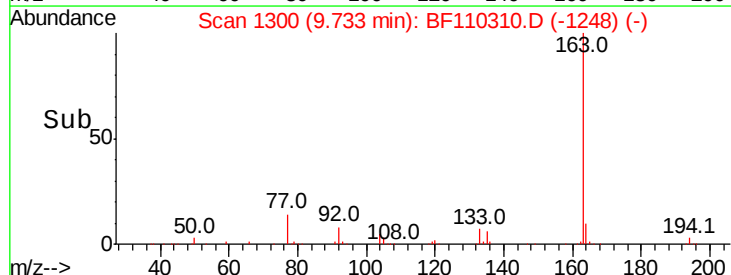
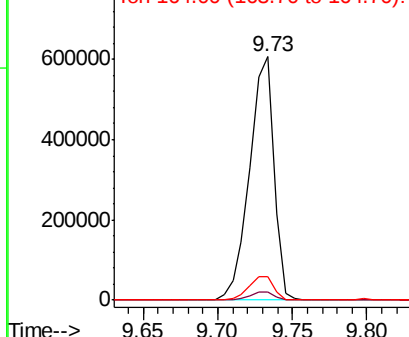


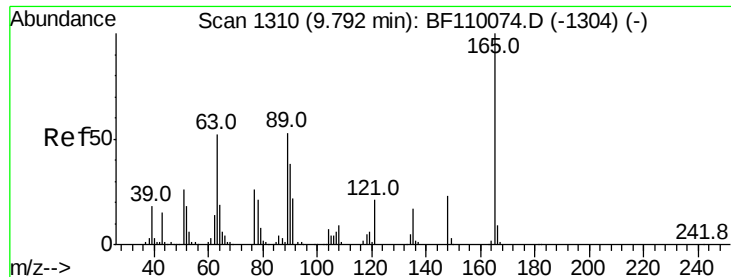
#50
Dimethylphthalate
Concen: 48.614 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.6	8.1	12.1



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





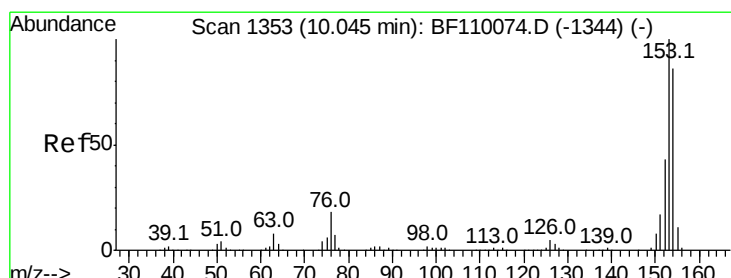
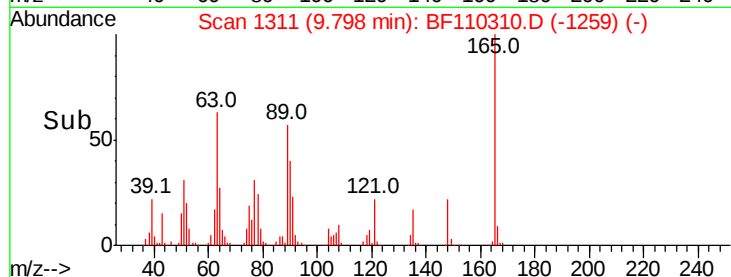
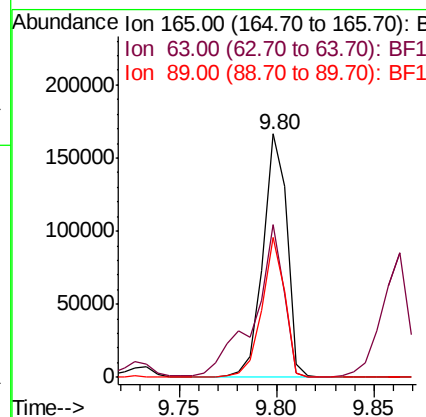
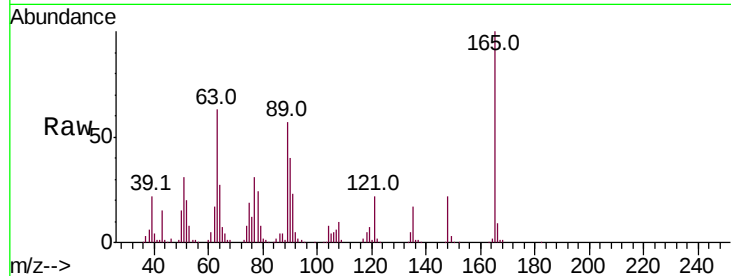
#51
2,6-Dinitrotoluene
Concen: 46.577 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	141494		
63	62.7	48.9	73.3	
89	57.4	46.6	69.8	

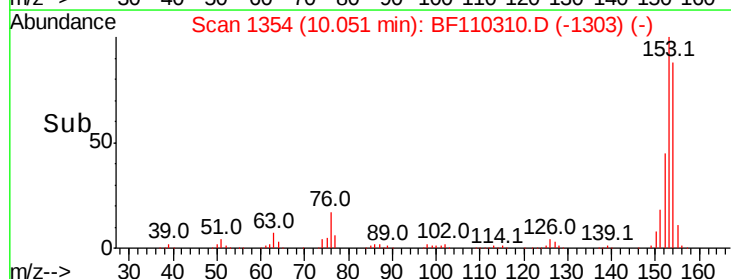
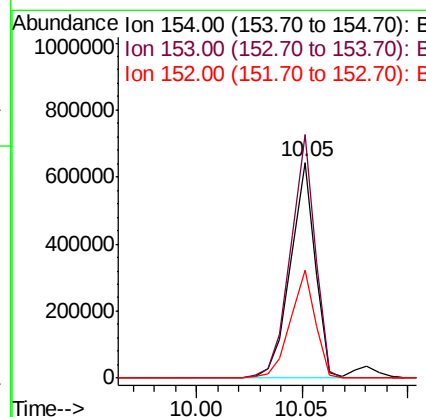
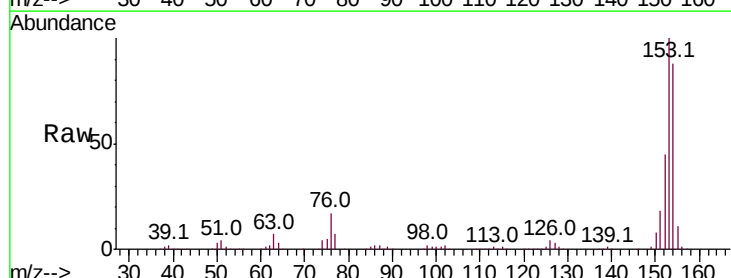
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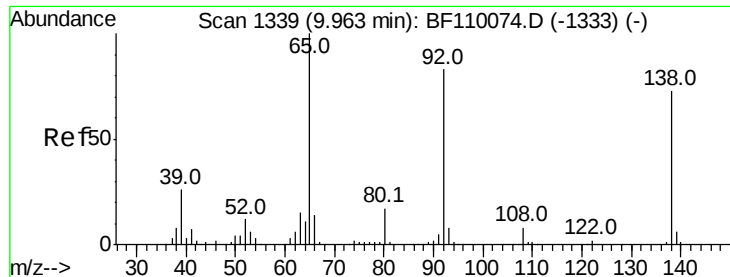
Sohil
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#52
Acenaphthene
Concen: 43.764 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529951		
153	113.0	90.1	135.1	
152	50.3	43.4	65.2	





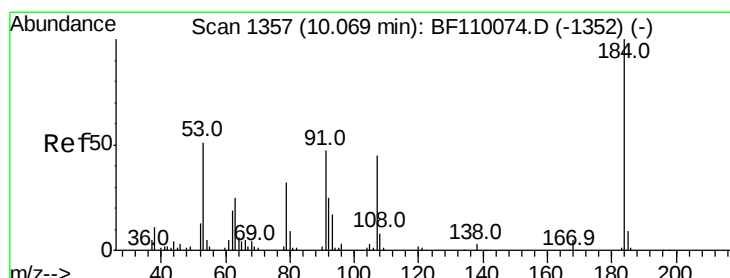
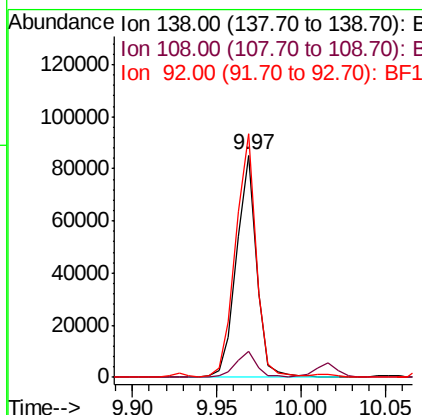
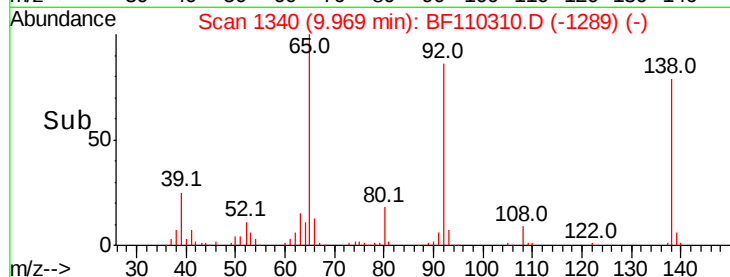
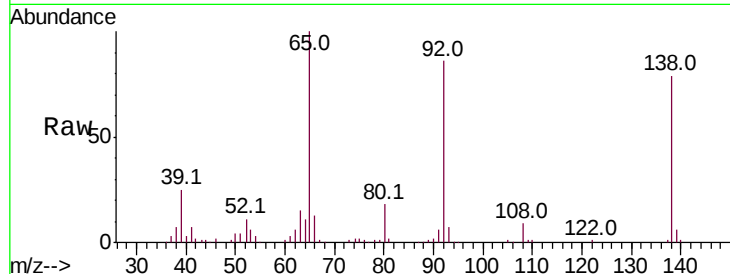
#53
 3-Nitroaniline
 Concen: 19.481 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.7	13.1
92	109.5	97.0	145.4

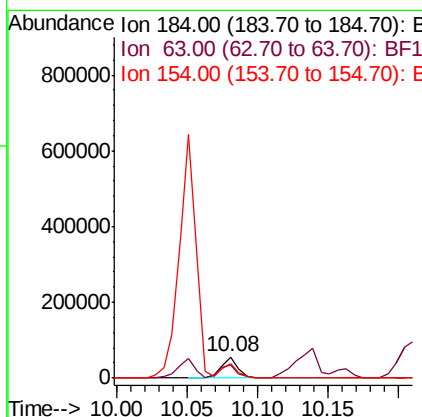
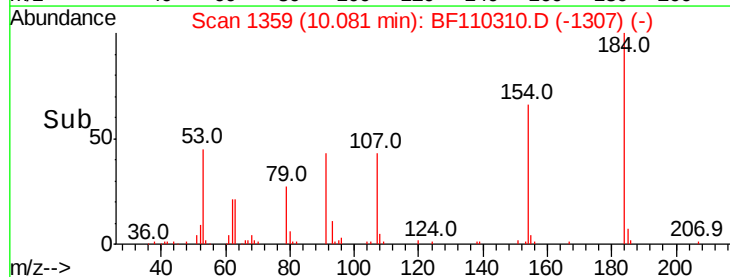
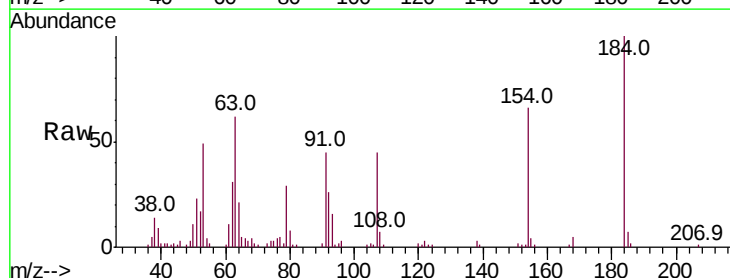
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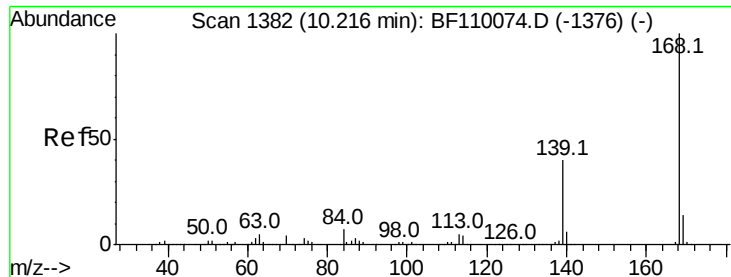
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#54
 2,4-Dinitrophenol
 Concen: 42.057 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.0	55.8	83.6
154	65.8	63.2	94.8





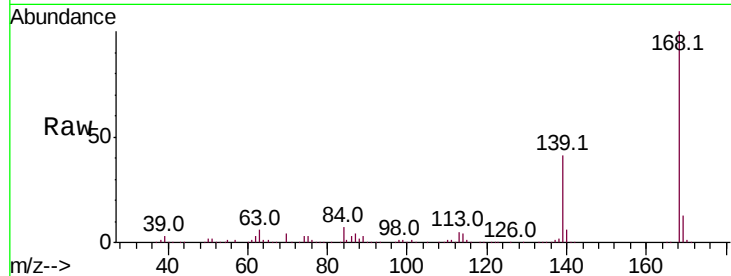
#55
Dibenzofuran
Concen: 44.998 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleID :
PB114313BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	33.0	49.6
169	13.5	11.3	16.9

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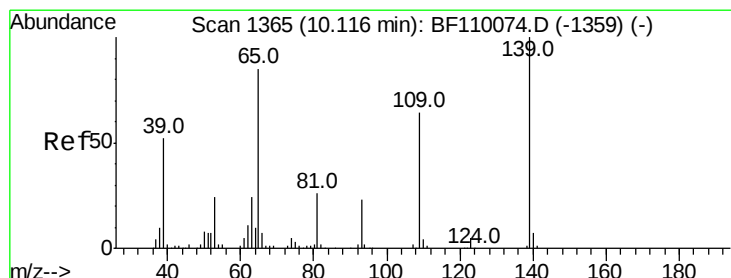
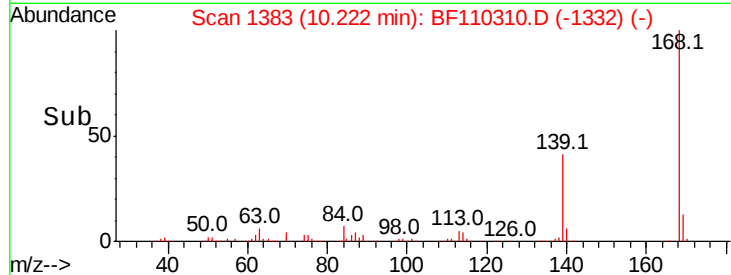
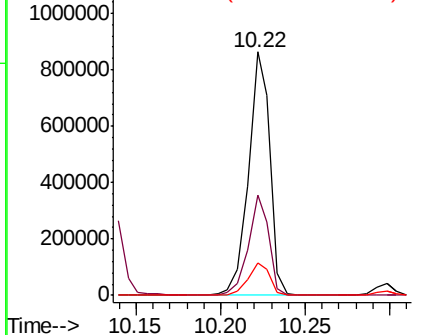


Abundance

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: 108.868 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

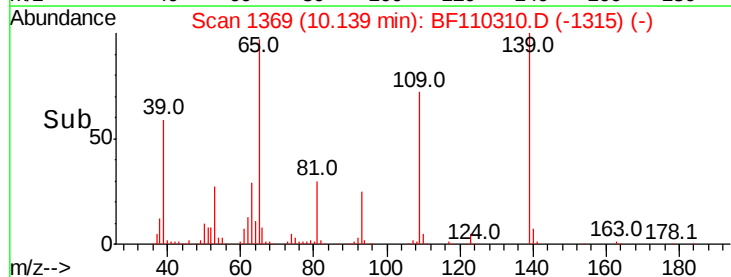
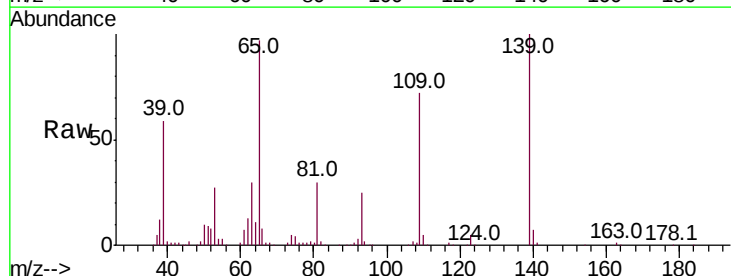
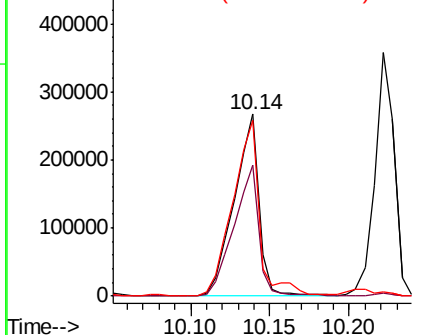
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	55.8	95.8
65	96.9	77.9	117.9

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





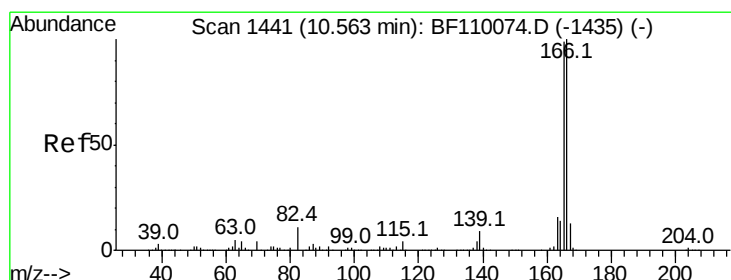
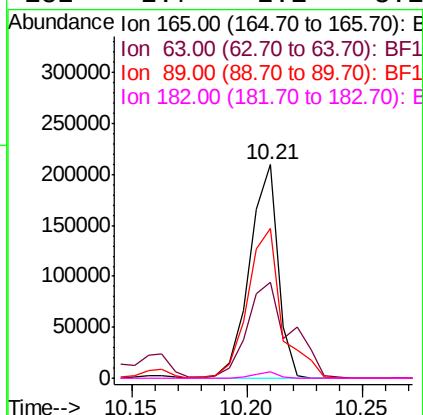
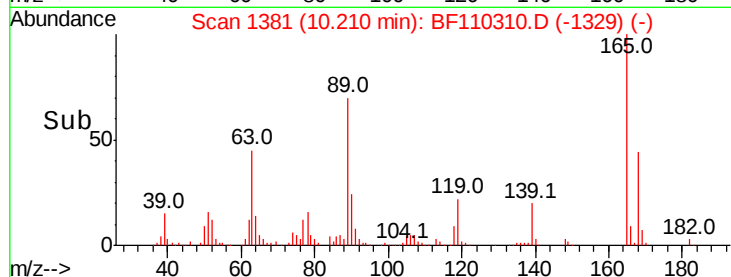
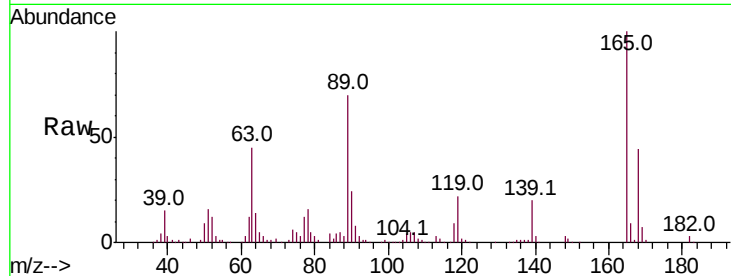
#57
2,4-Dinitrotoluene
Concen: 46.932 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	181091		
63	44.9	44.8	67.2	
89	70.1	62.2	93.4	
182	2.7	2.1	3.1	

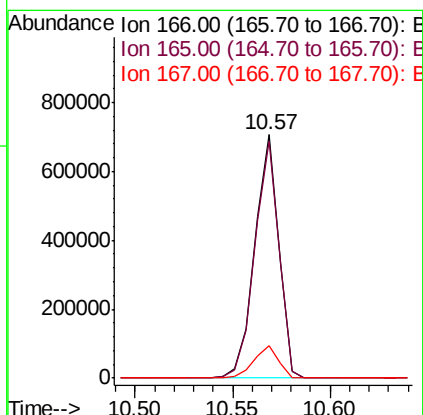
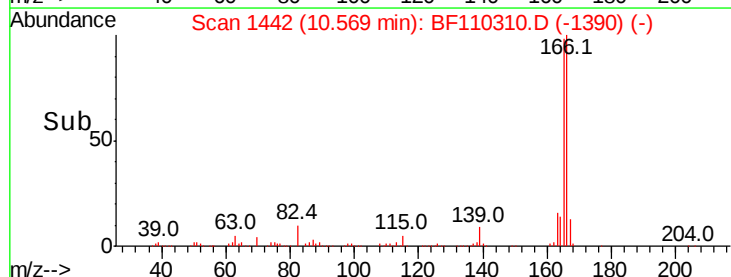
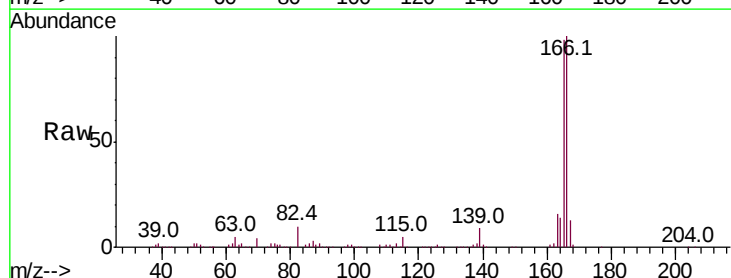
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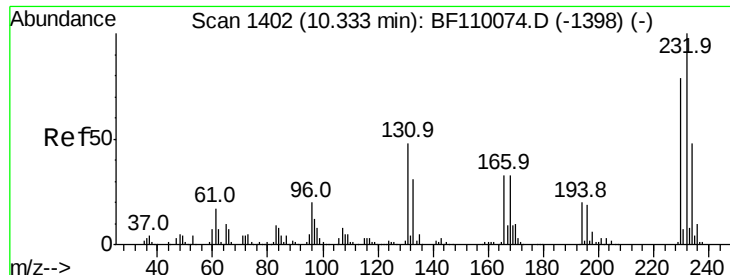
Sohil
10/31/2018 11:15:02 AM



#58
Fluorene
Concen: 47.673 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	601531		
165	97.5	78.6	117.8	
167	13.3	10.8	16.2	





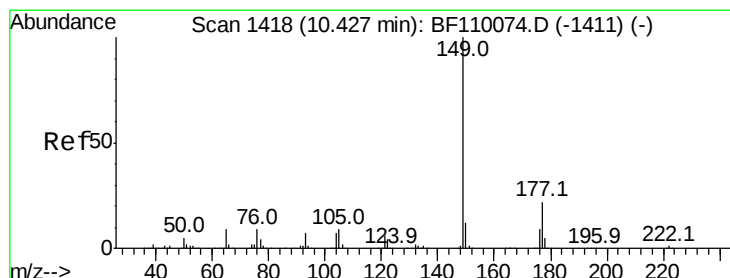
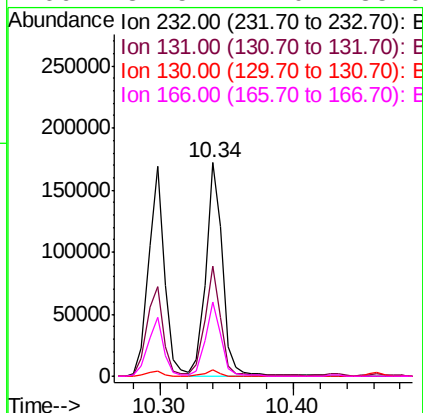
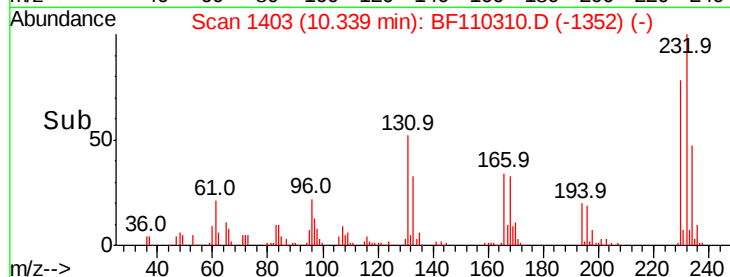
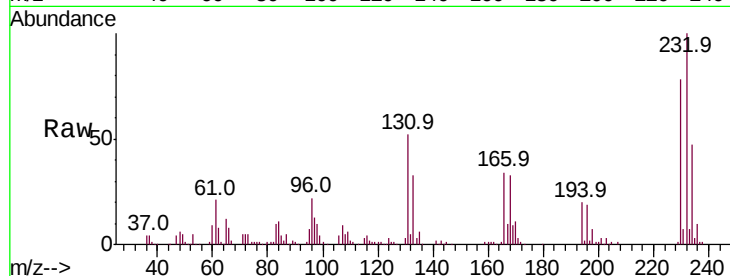
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.966 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.7	37.0	55.4
130	2.6	1.8	2.6
166	32.5	22.0	33.0

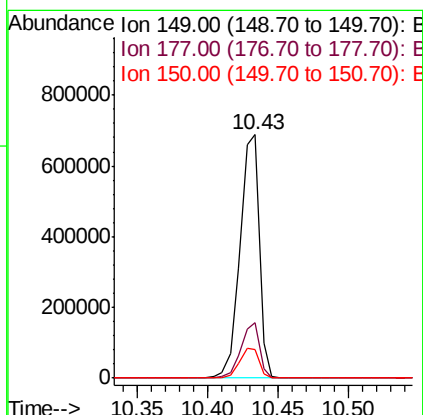
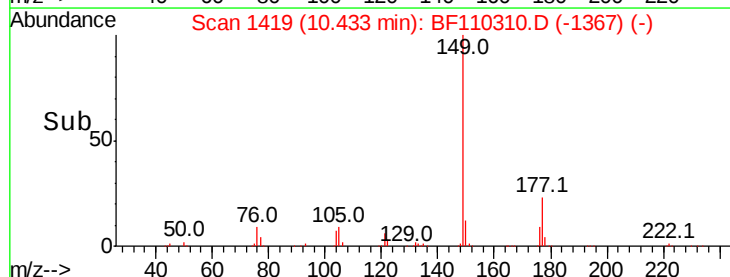
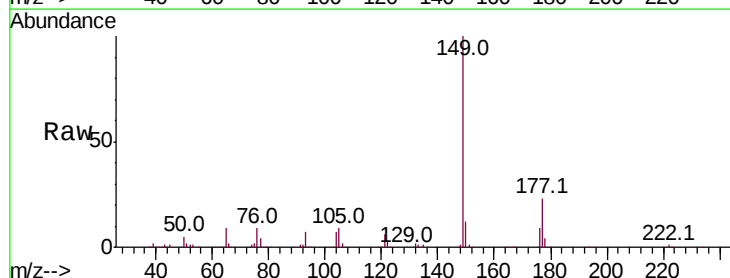
Manual Integrations
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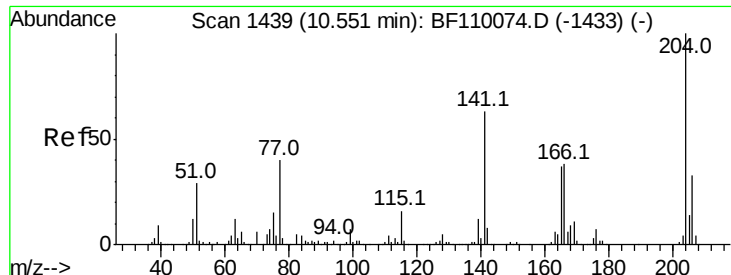
Sohil
 10/31/2018 11:15:02 AM



#60
 Diethylphthalate
 Concen: 47.664 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	12.0	9.8	14.8





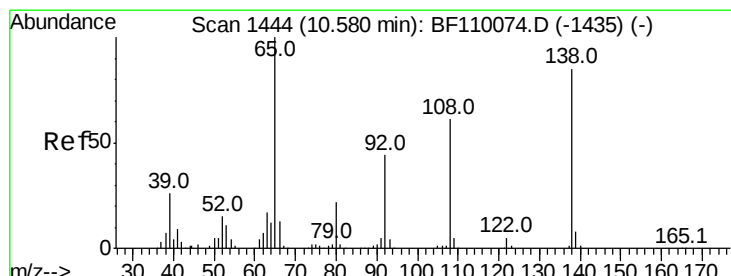
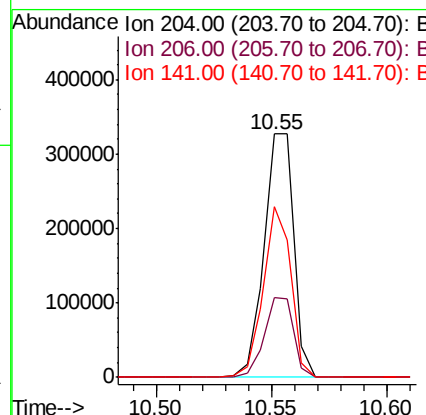
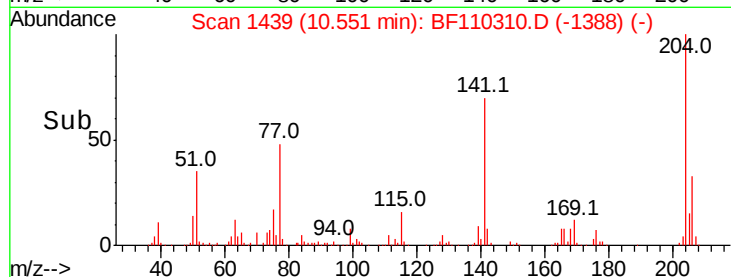
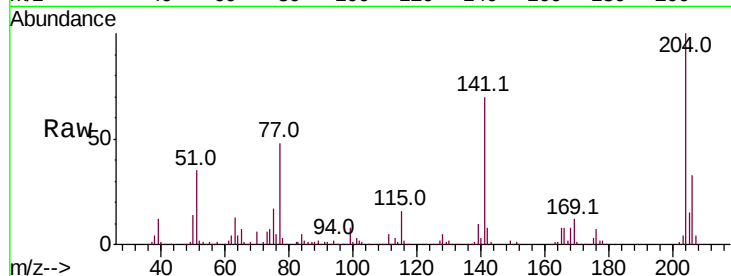
#61
 4-Chlorophenyl-phenylether
 Concen: 44.323 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampled :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	70.1	51.8	77.8

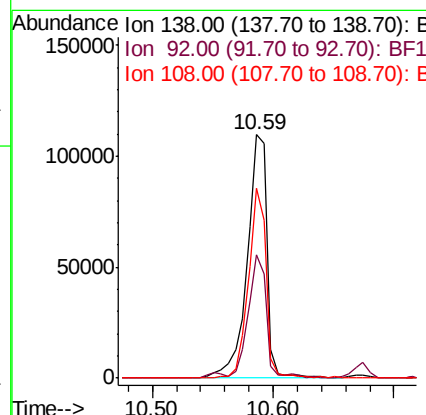
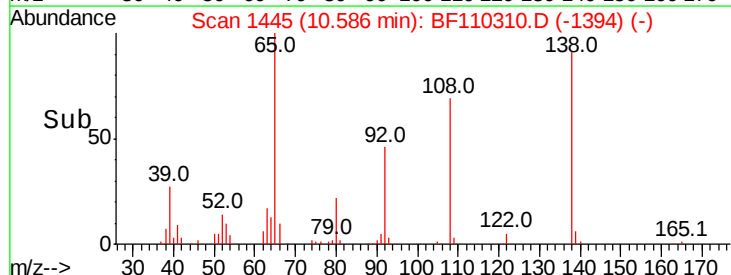
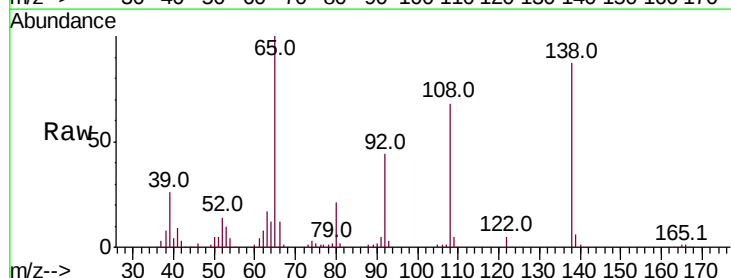
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#62
 4-Nitroaniline
 Concen: 35.096 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	77.9	59.3	99.3





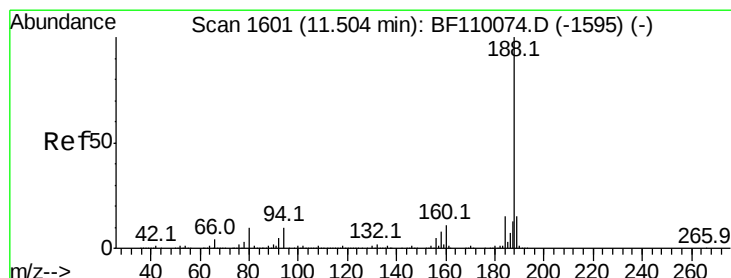
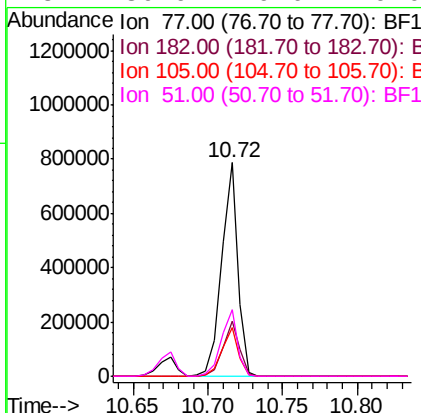
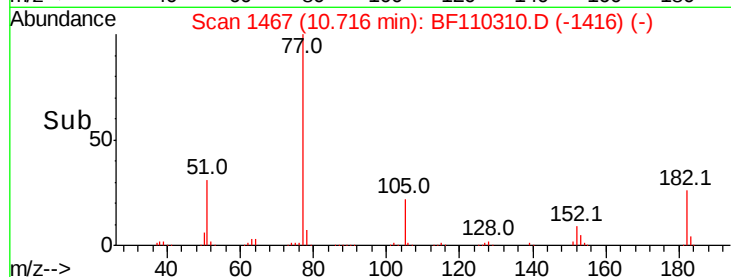
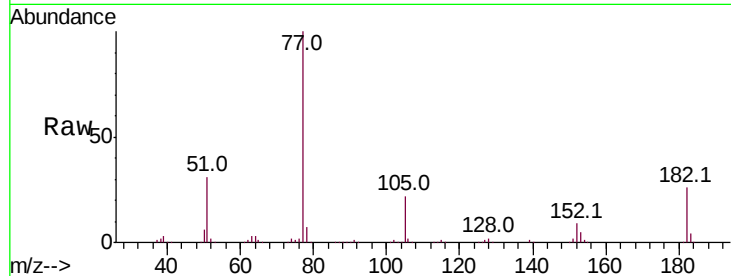
#63
Azobenzene
Concen: 44.634 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	609931		
182	25.8	4.3	44.3	
105	22.5	1.3	41.3	
51	30.9	9.0	49.0	

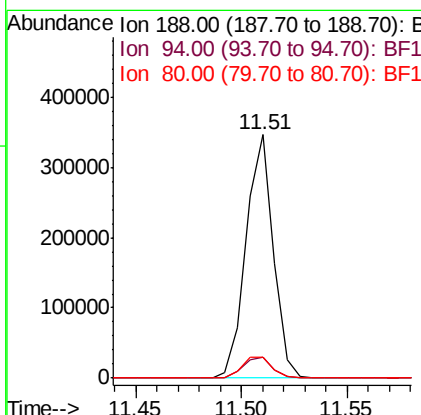
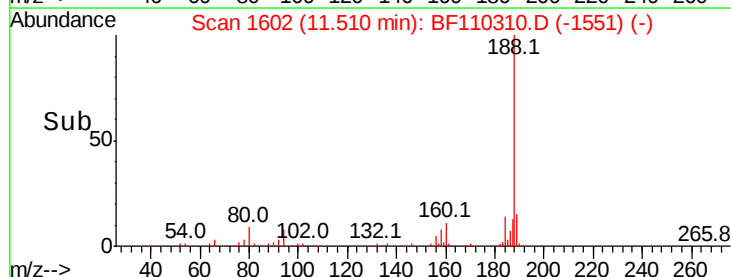
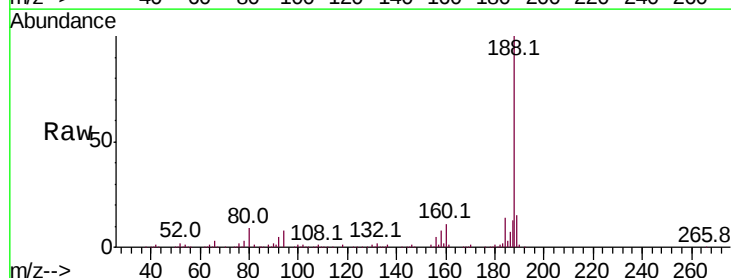
Manual Integrations
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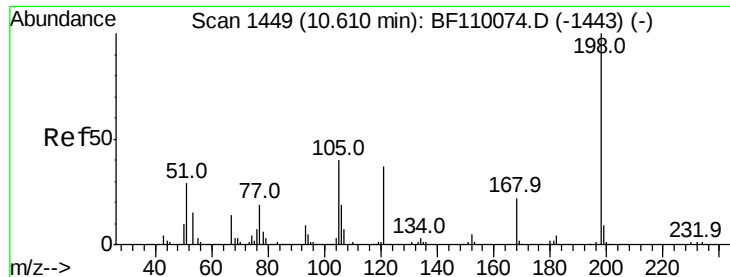
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	310880		
94	8.4	7.2	10.8	
80	8.8	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 26.875 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

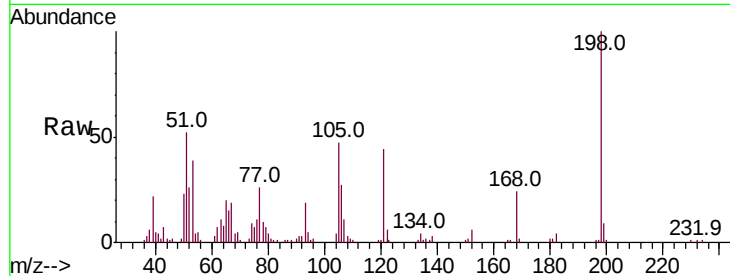
ClientSampleId :

PB114313BS

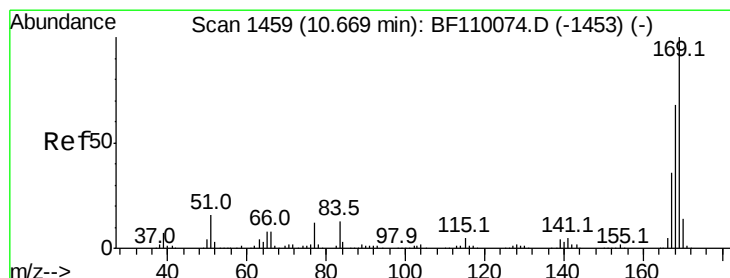
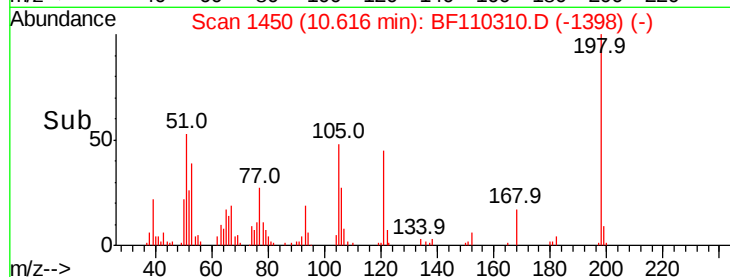
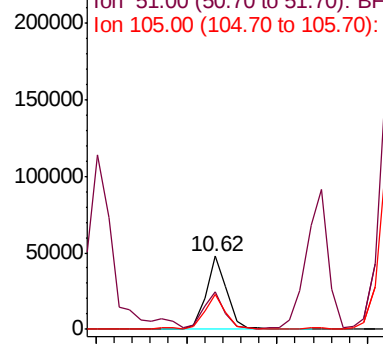
Tot Ion:	198	Resp:	38171
Ion Ratio	Lower	Upper	
198	100		
51	51.7	22.8	62.8
105	47.4	23.6	63.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.935 ng

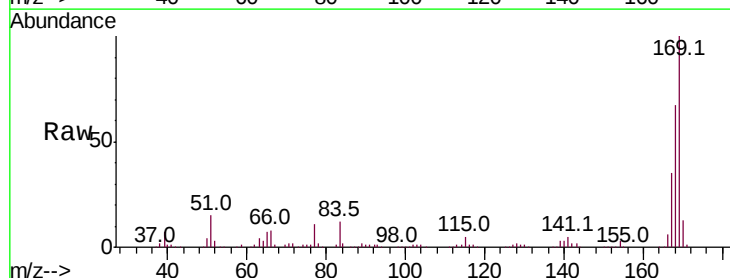
RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

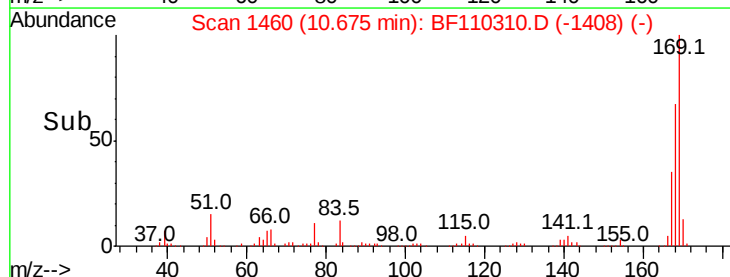
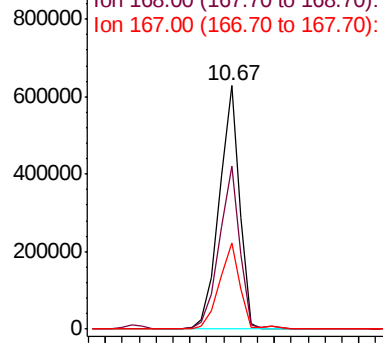
Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	169	Resp:	529577
Ion Ratio	Lower	Upper	
169	100		
168	67.0	51.2	76.8
167	35.5	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





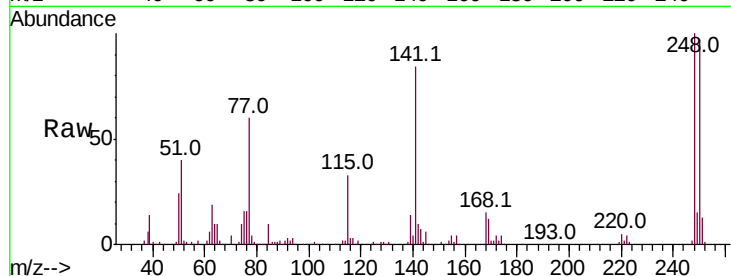
#67
 4-Bromophenyl-phenylether
 Concen: 49.804 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.4	119.2
141	84.0	55.9	83.9#

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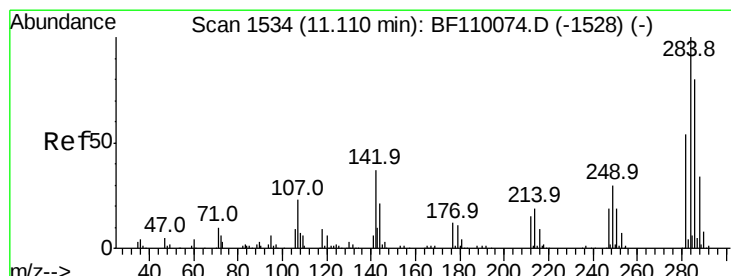
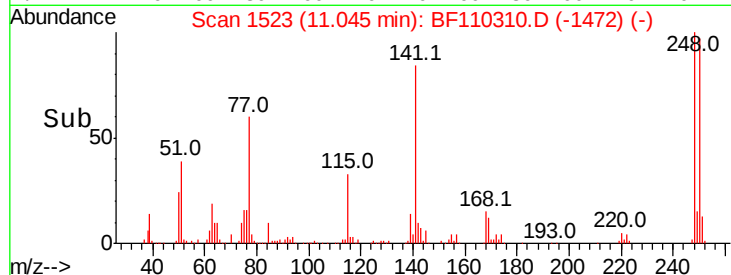
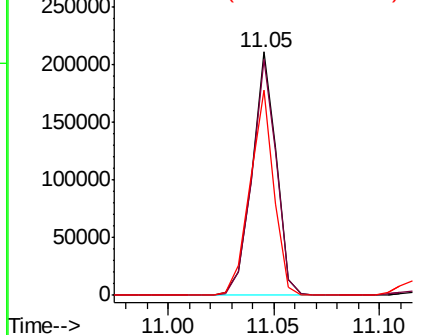


Abundance

Ion 248.00 (247.70 to 248.70): E

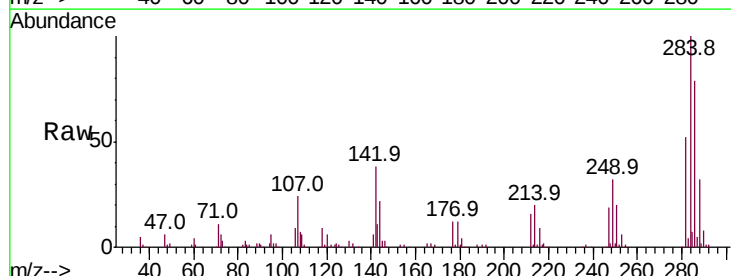
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.512 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.6	23.9	35.9#
249	31.7	24.2	36.2

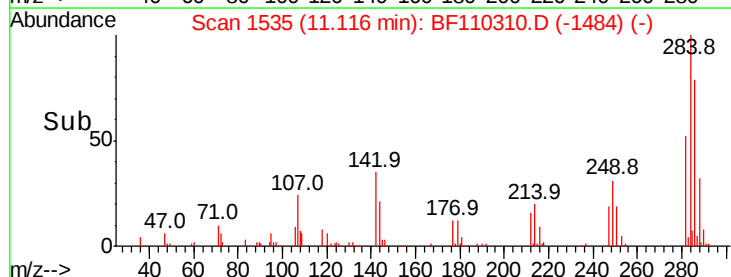
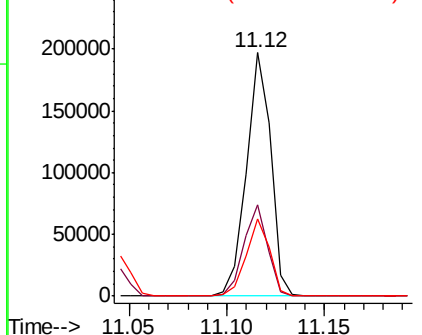


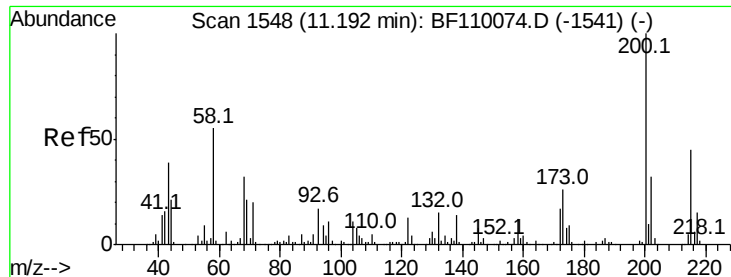
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





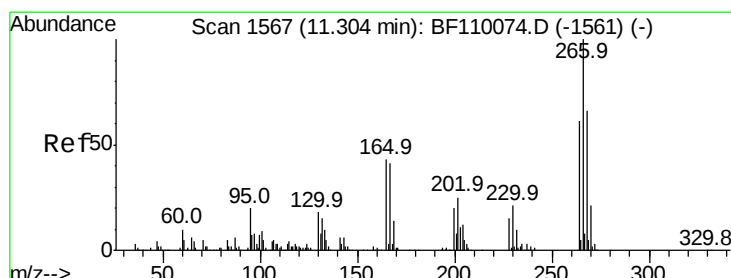
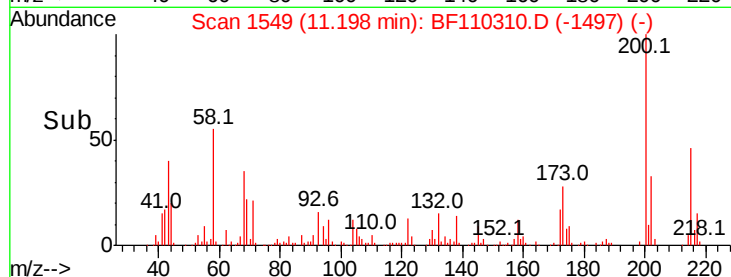
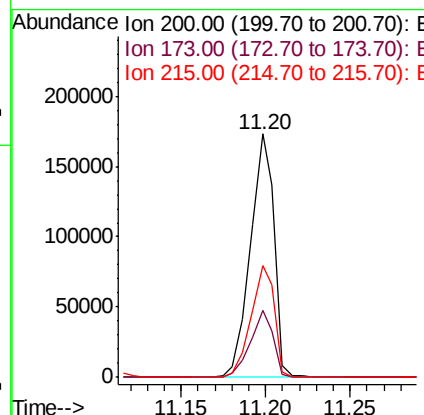
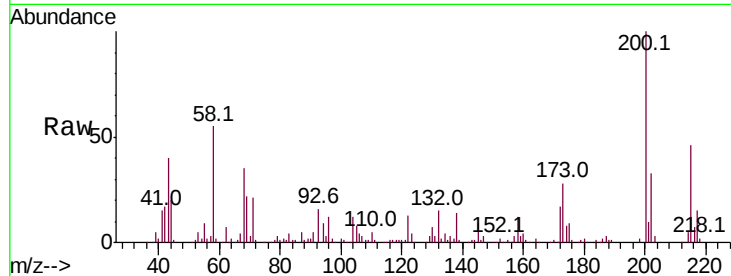
#69
Atrazine
Concen: 52.761 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	170019		
173	27.6	6.6	46.6	
215	45.9	26.3	66.3	

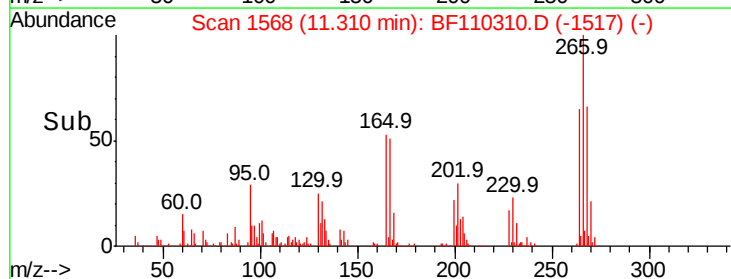
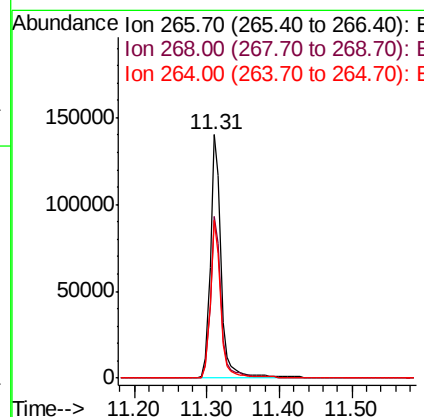
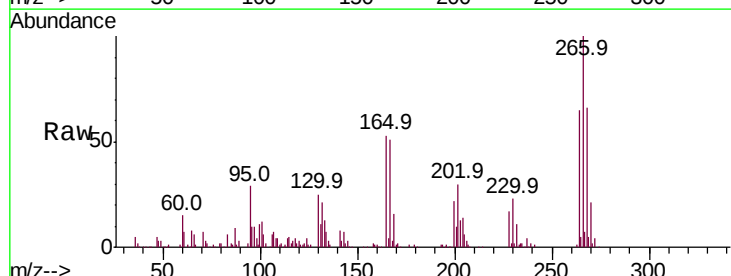
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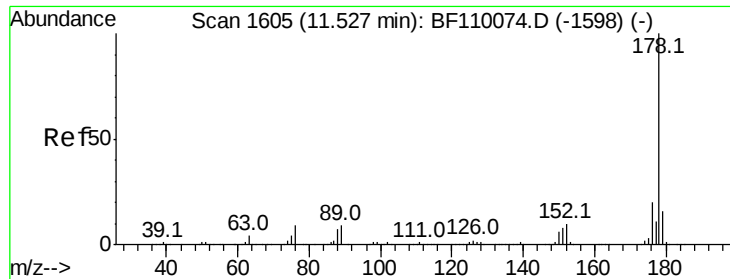
Sohil
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#70
Pentachlorophenol
Concen: 69.751 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	145523		
268	66.4	50.6	75.8	
264	64.9	50.6	75.8	





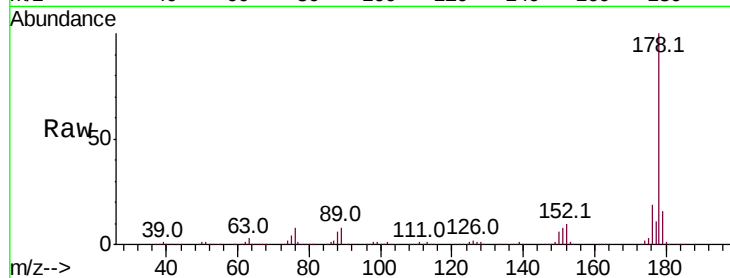
#71
Phenanthrene
Concen: 49.717 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.8	12.5	18.7

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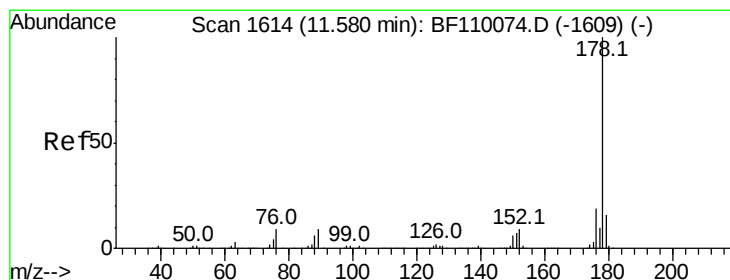
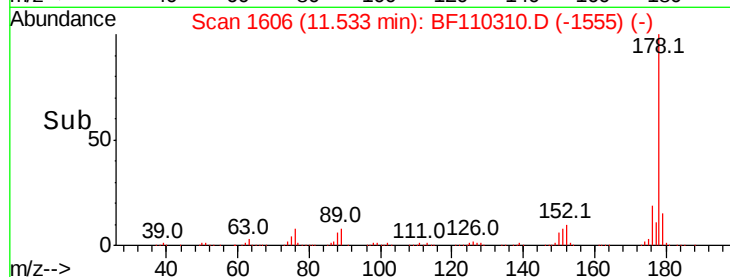
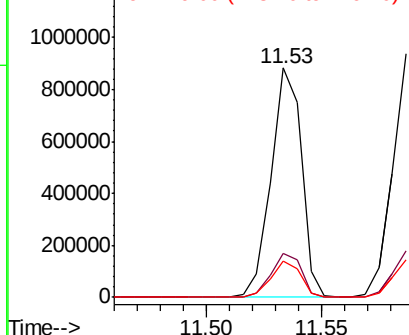


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 50.297 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

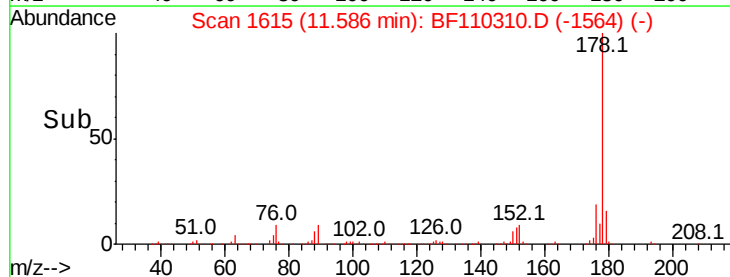
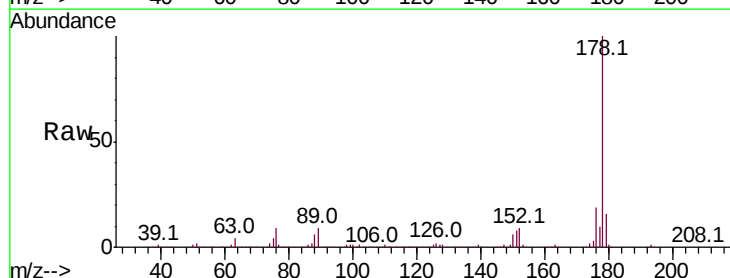
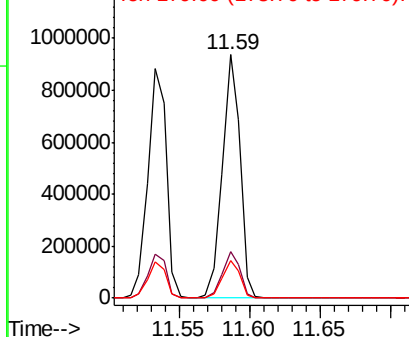
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.7	12.6	18.8

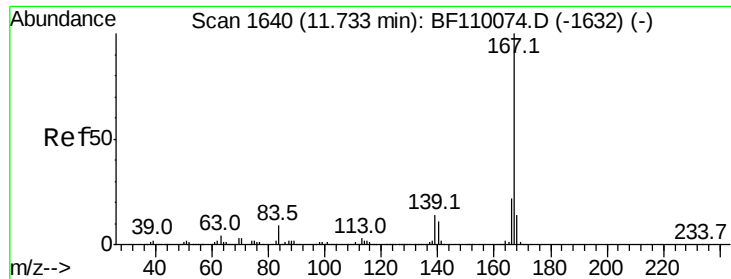
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





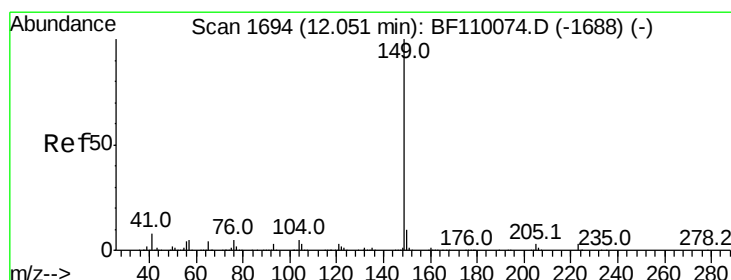
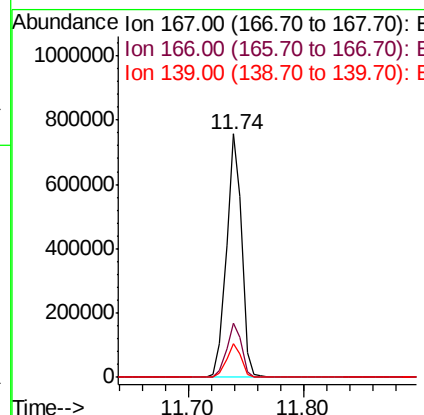
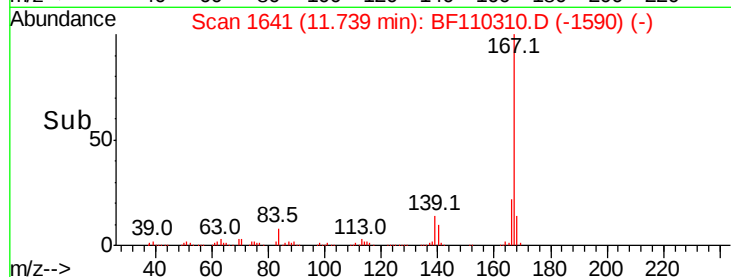
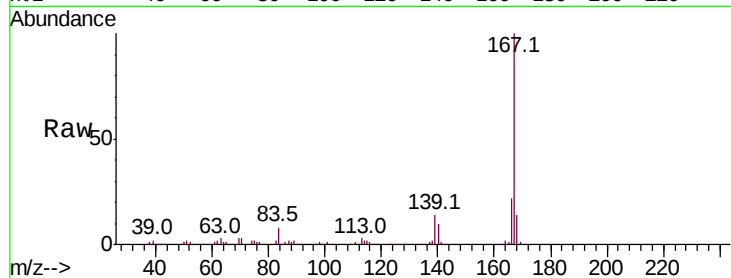
#73
 Carbazole
 Concen: 43.247 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB114313BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.7	10.9	16.3

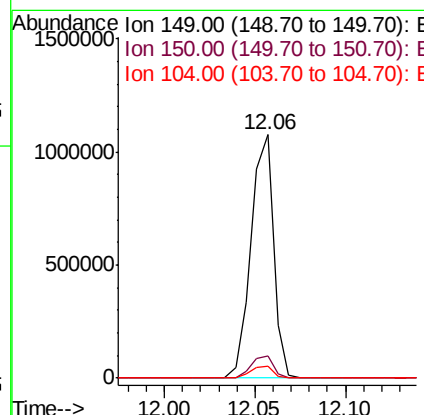
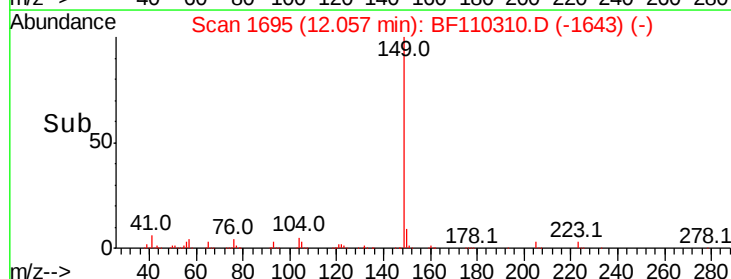
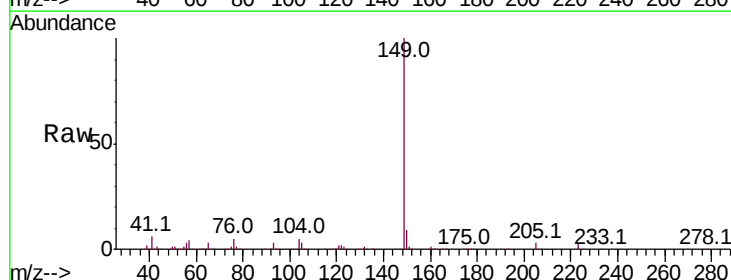
Manual Integrations
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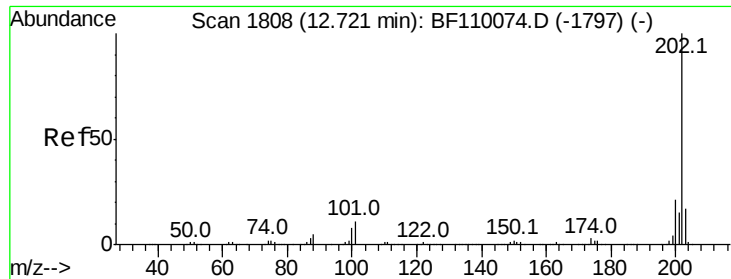
Sohil
 10/31/2018 11:15:02 AM



#74
 Di-n-butylphthalate
 Concen: 51.785 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.8	4.2	6.4





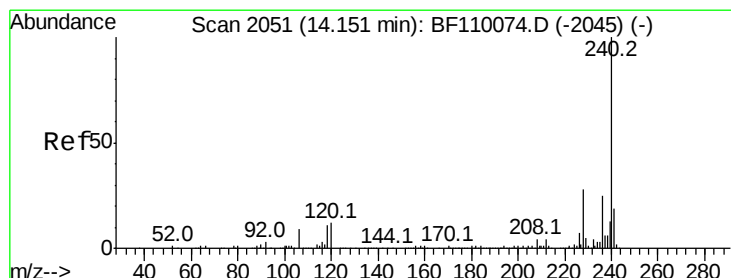
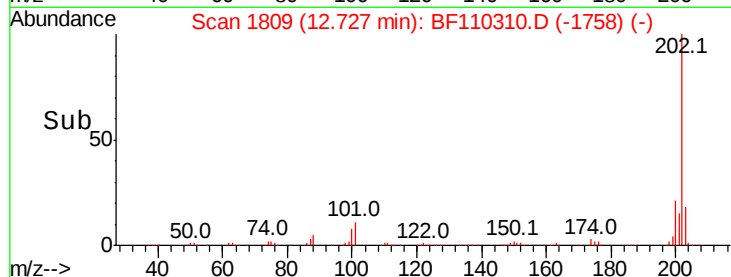
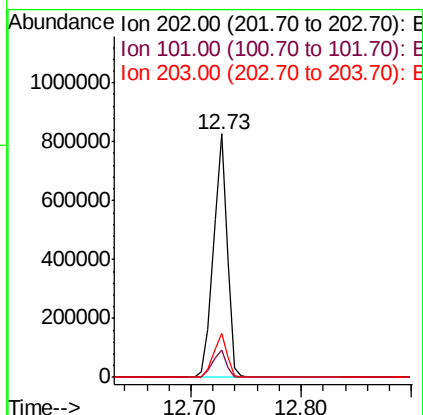
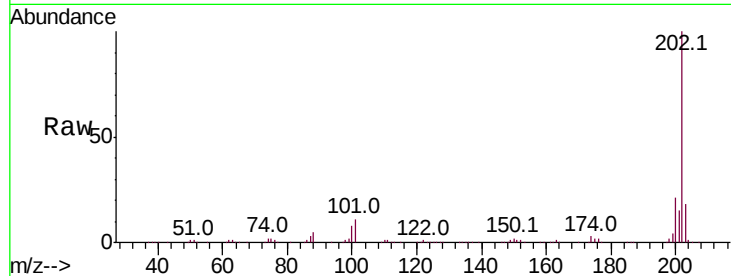
#75
Fluoranthene
Concen: 42.455 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.9	0.0	37.7

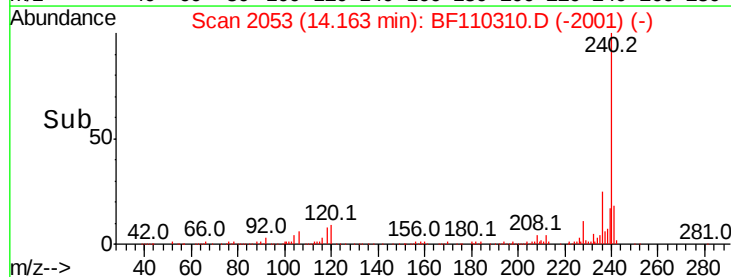
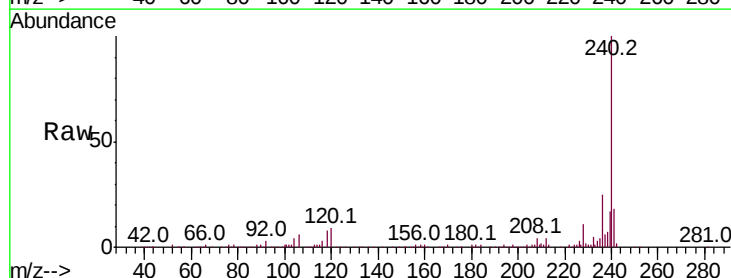
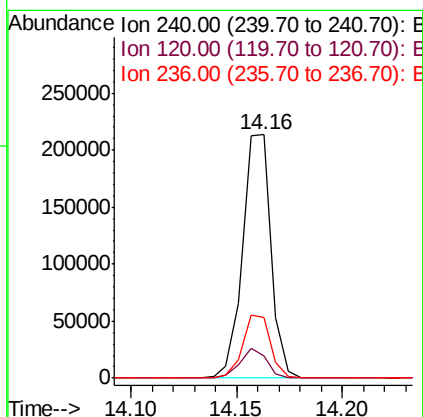
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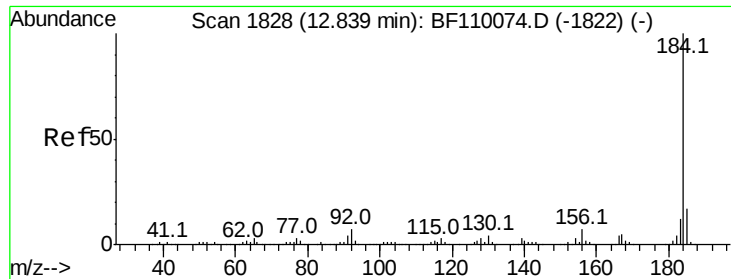
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.2	8.3	12.5
236	24.7	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

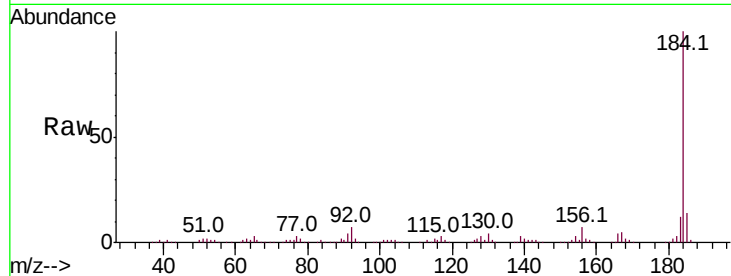
ClientSampleId :

PB114313BS

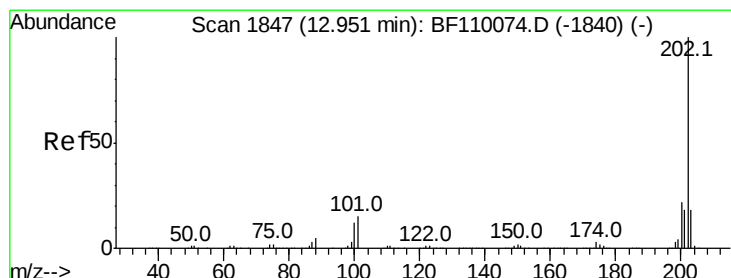
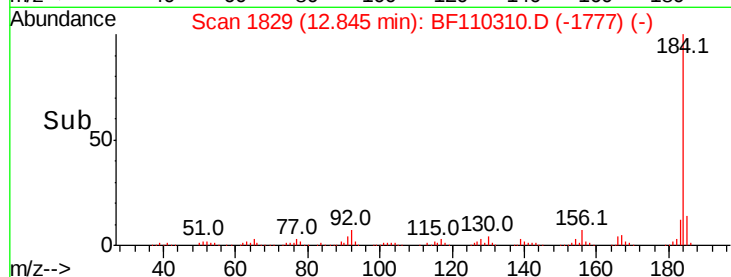
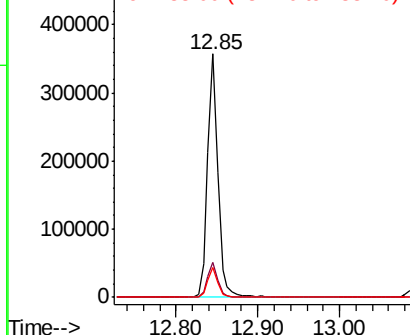
Tot Ion:	184	Resp:	318013
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.4	20.2
183	12.1	9.4	14.2

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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: 48.962 ng

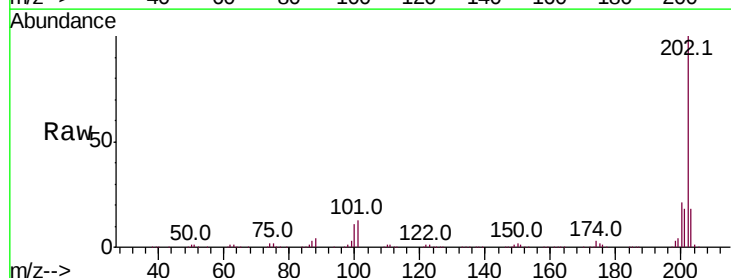
RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

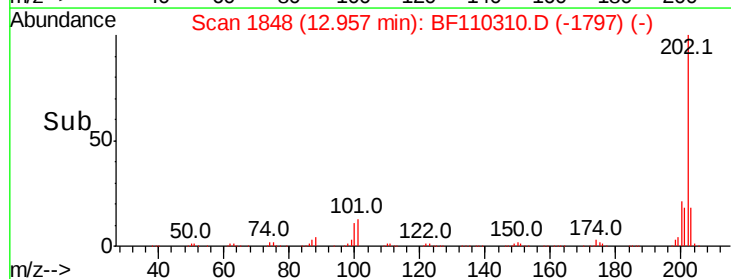
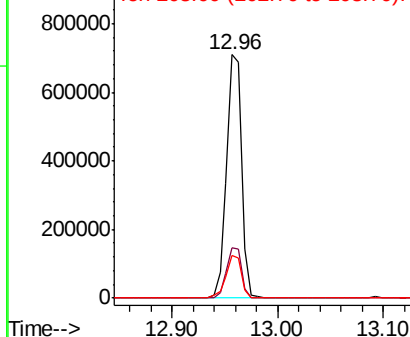
Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	202	Resp:	698492
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	17.6	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





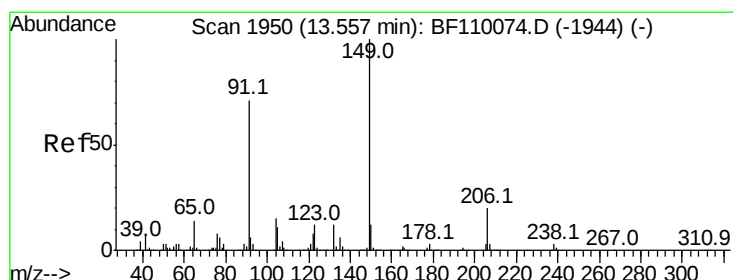
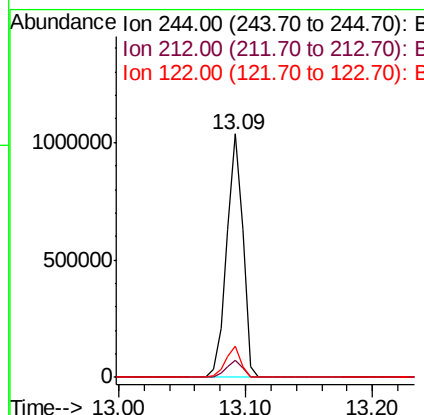
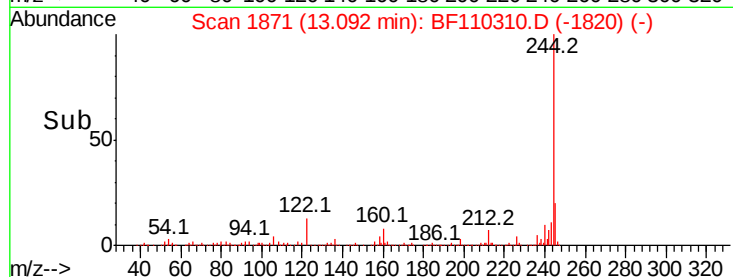
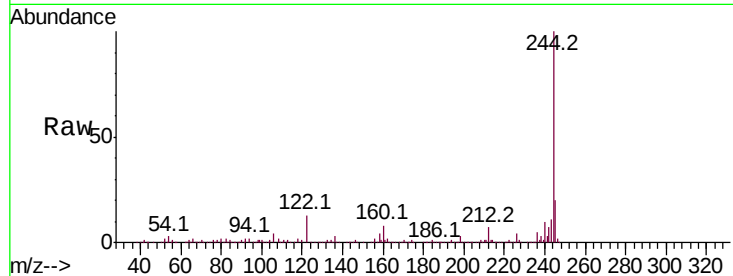
#79
 Terphenyl-d14
 Concen: 95.729 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Instrument :
 BNA_F
 ClientSampleID :
 PB114313BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.8	8.8	
122	12.9	8.7	13.1	

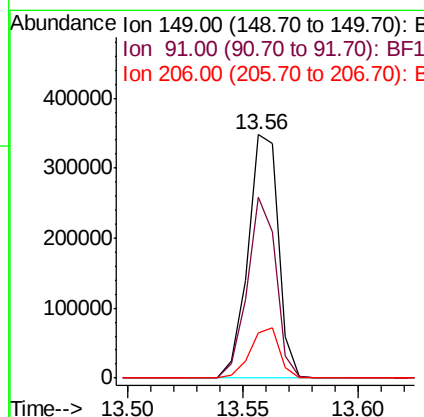
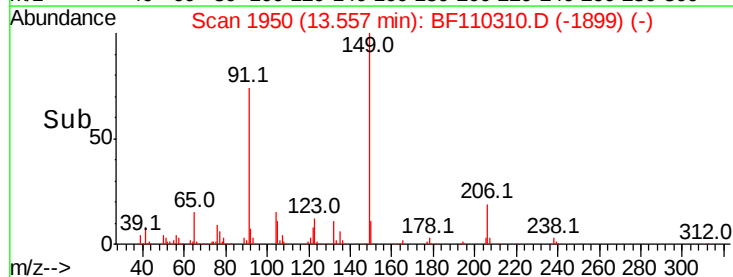
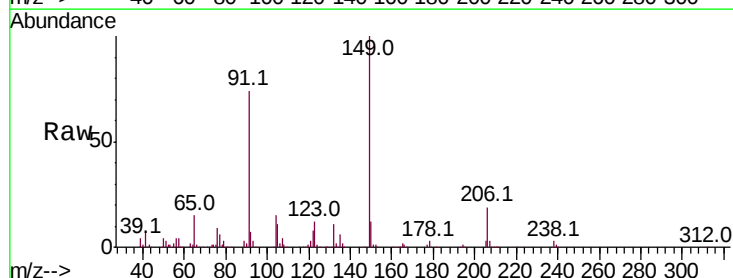
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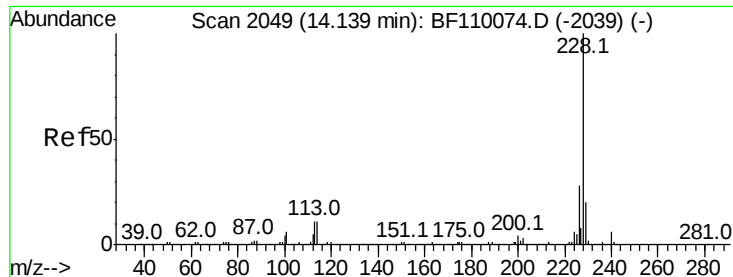
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#80
 Butylbenzylphthalate
 Concen: 51.963 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BF110310.D
 Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	74.4	57.2	85.8	
206	18.8	15.7	23.5	





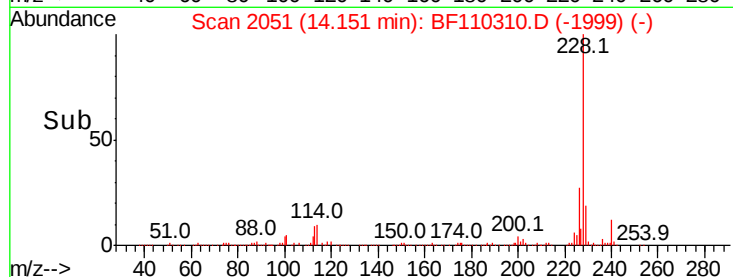
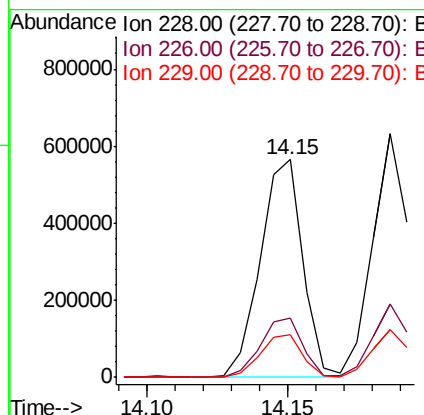
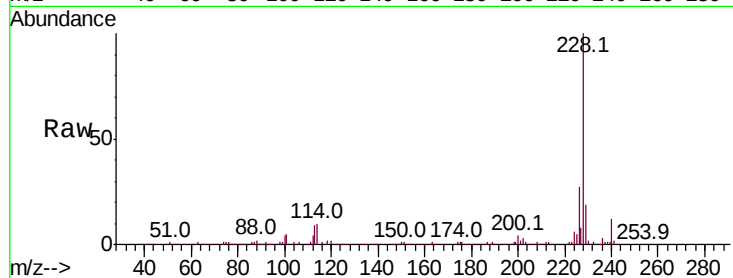
#81
Benzo(a)anthracene
Concen: 49.956 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	19.4	15.6	23.4

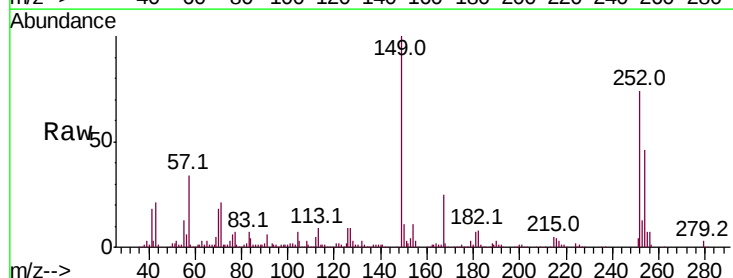
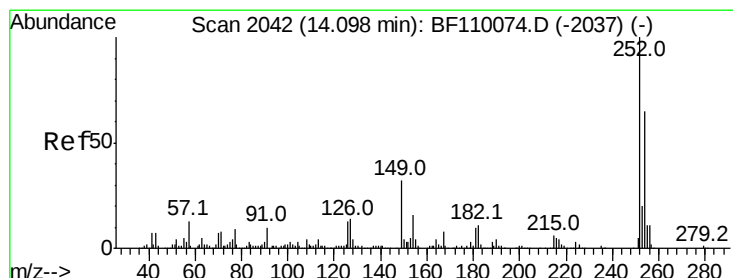
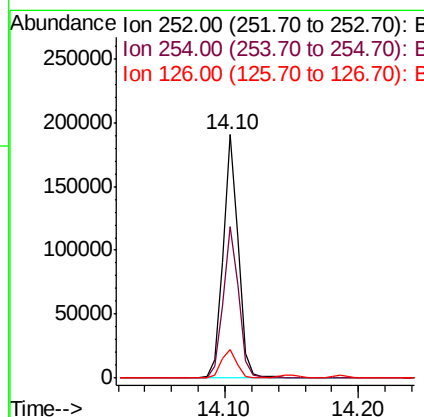
Manual Integrations
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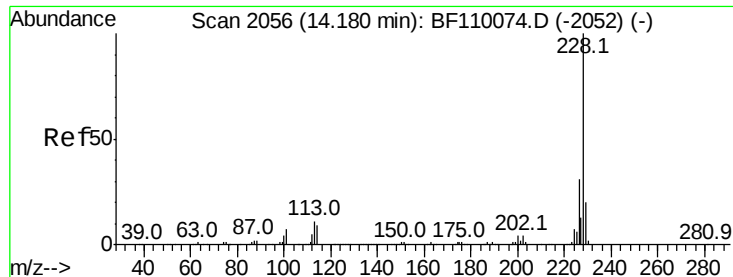
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#82
3,3'-Dichlorobenzidine
Concen: 37.493 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.3	76.9
126	11.6	9.4	14.2





#83

Chrvsene

Concen: 48.665 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

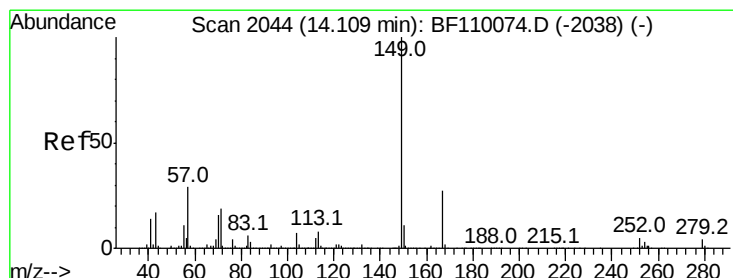
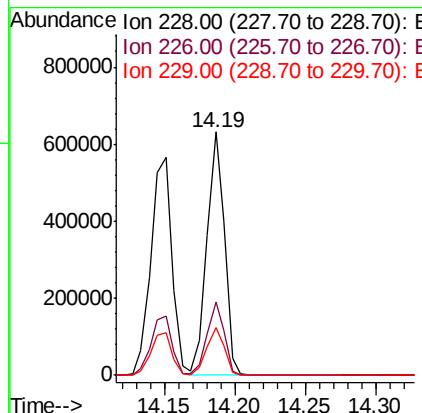
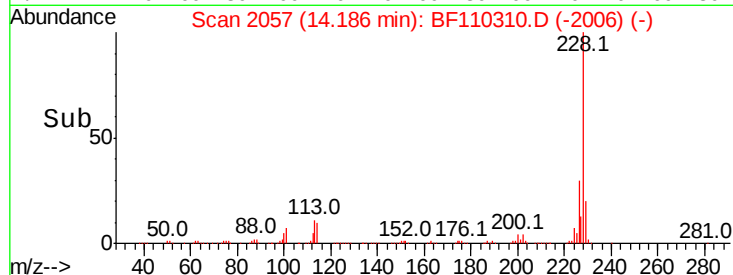
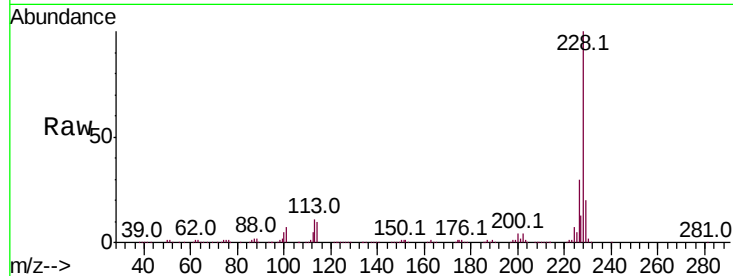
ClientSampleId :

PB114313BS

Tot Ion:	228	Resp:	545461
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.7	37.1
229	19.8	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.946 ng

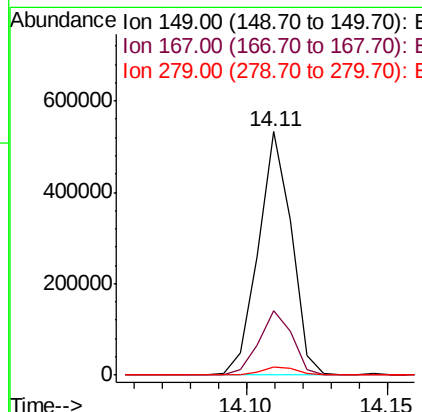
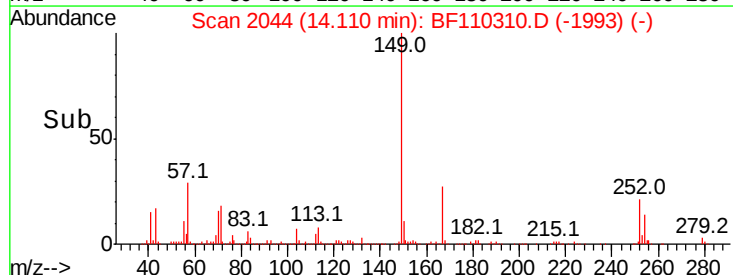
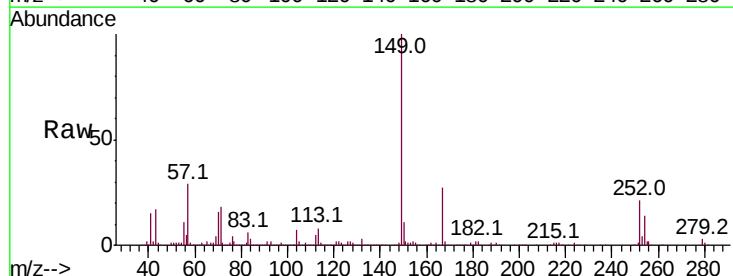
RT: 14.11 min Scan# 2044

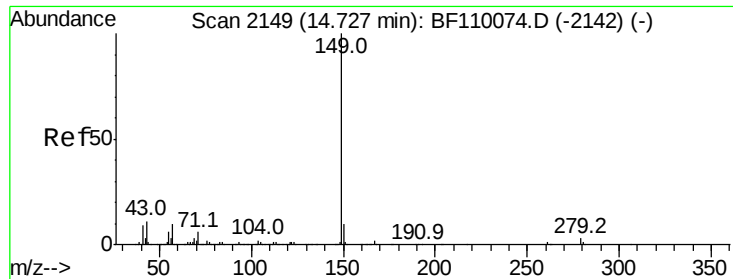
Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	149	Resp:	434813
Ion Ratio	Lower	Upper	
149	100		
167	26.6	19.8	29.8
279	3.4	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 55.208 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Instrument :

BNA_F

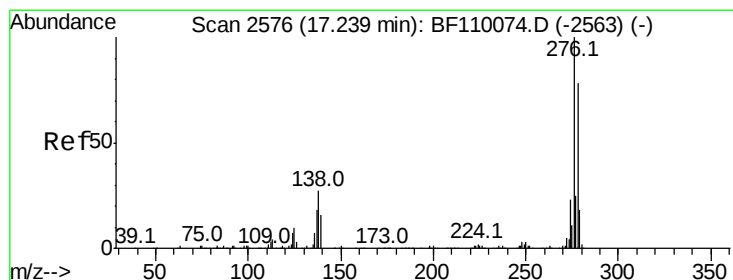
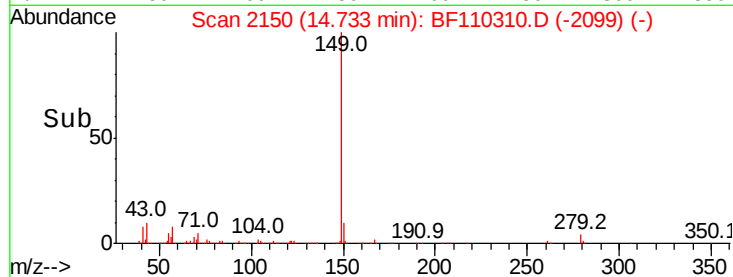
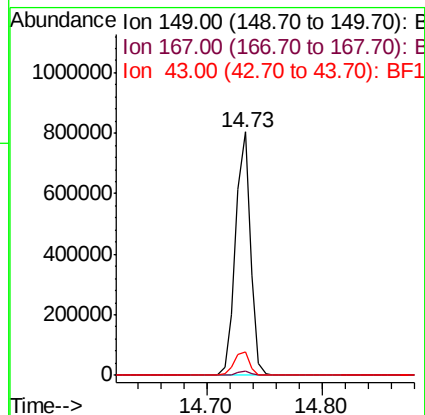
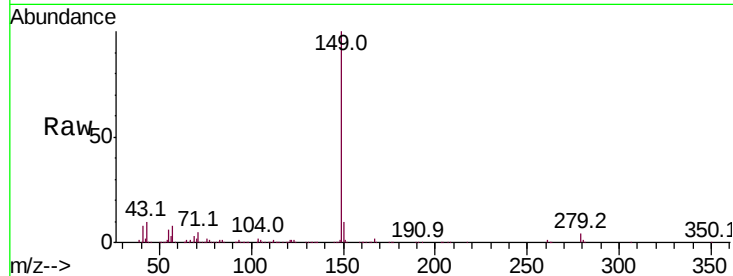
ClientSampleId :

PB114313BS

Tot Ion:	149	Resp:	718555
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.0	7.8	11.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.208 ng

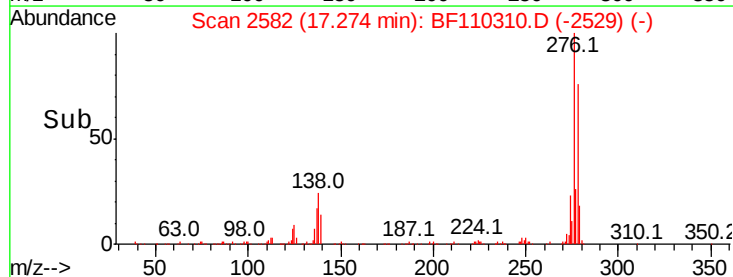
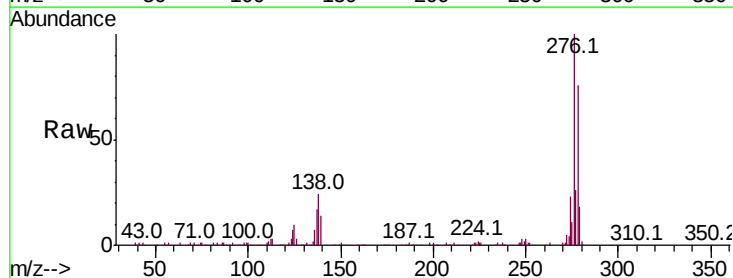
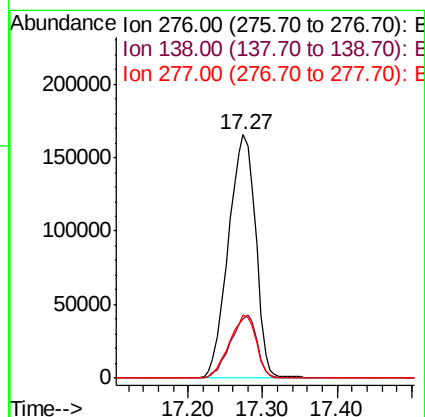
RT: 17.27 min Scan# 2582

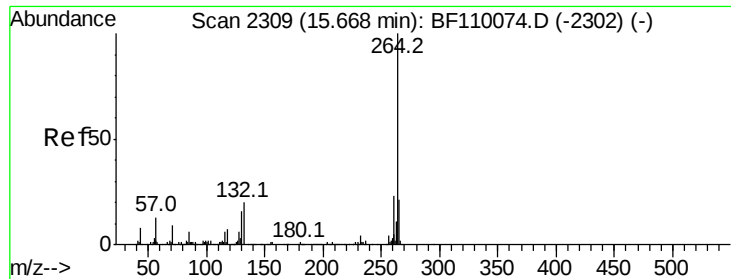
Delta R.T. 0.01 min

Lab File: BF110310.D

Acq: 30 Oct 2018 18:29

Tgt Ion:	276	Resp:	420362
Ion Ratio	Lower	Upper	
276	100		
138	25.2	18.5	27.7
277	25.3	20.0	30.0





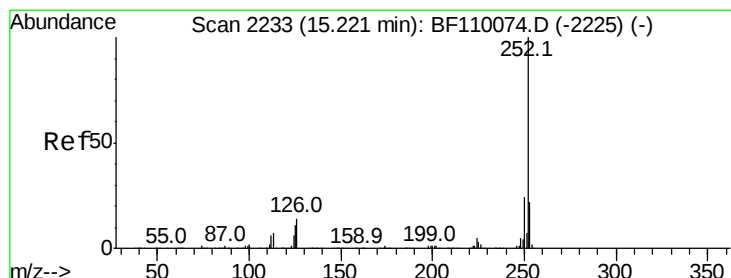
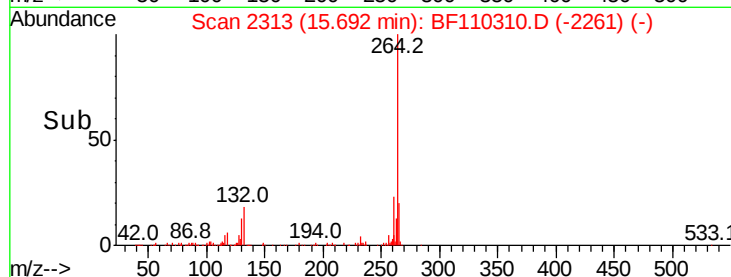
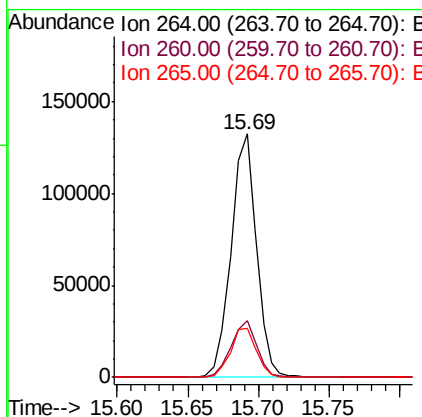
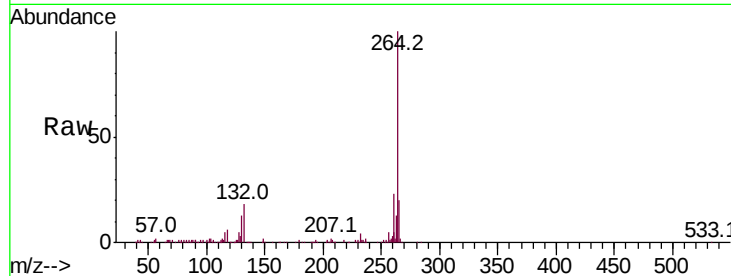
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	20.2	16.7	25.1

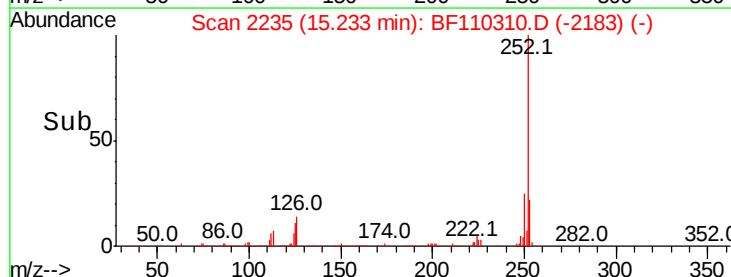
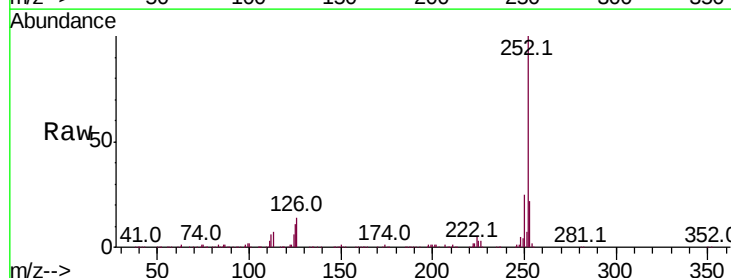
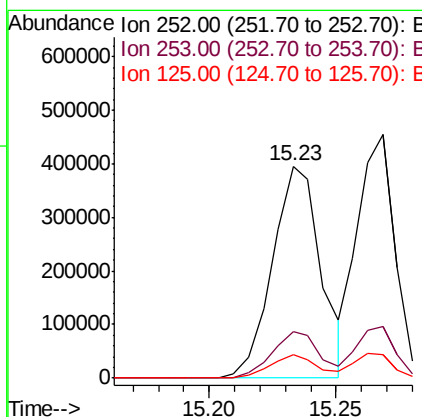
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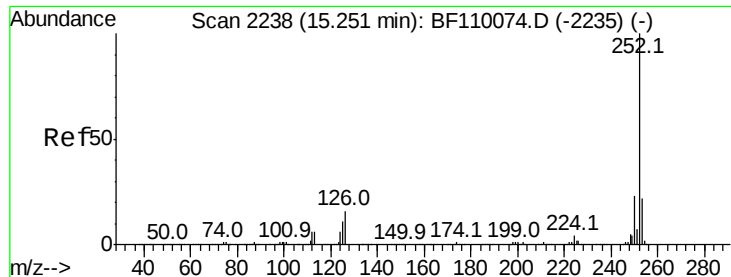
Sohil
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#88
Benzo(b)fluoranthene
Concen: 55.157 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.2	8.2	12.4





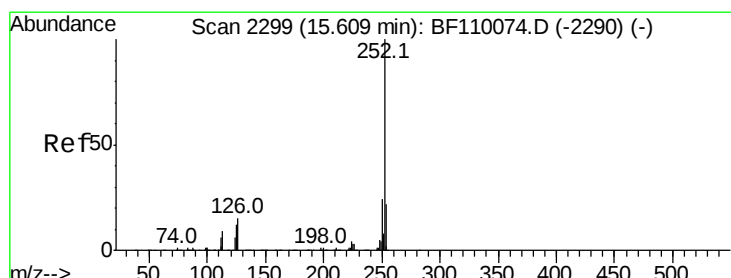
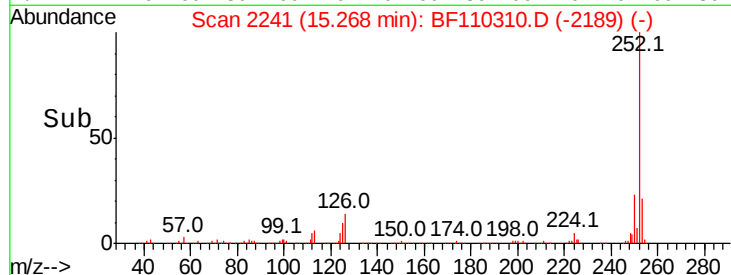
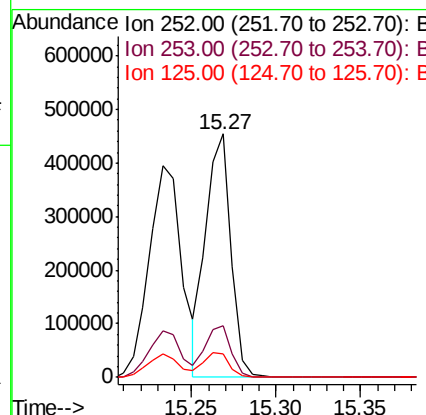
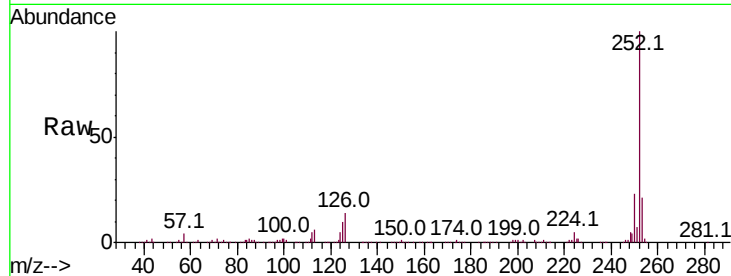
#89
Benzo(k)fluoranthene
Concen: 49.782 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	9.6	7.4	11.0

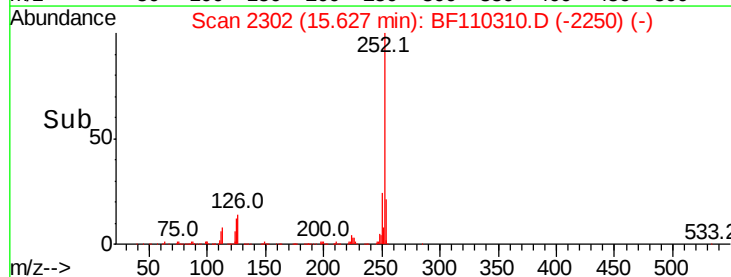
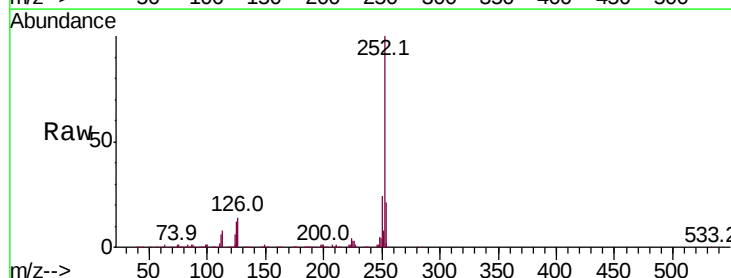
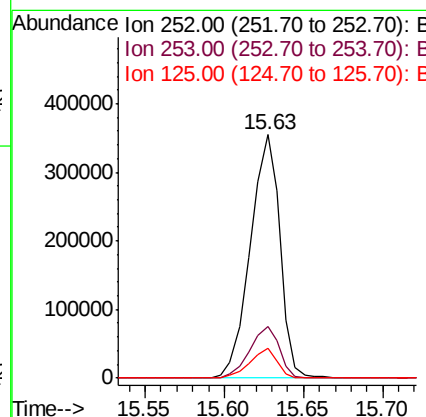
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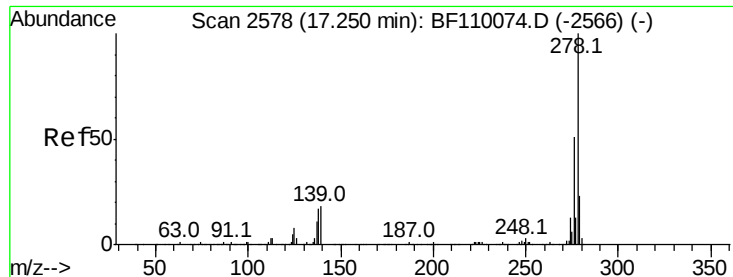
Sohil
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#90
Benzo(a)pyrene
Concen: 52.120 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.4
125	12.0	9.0	13.6





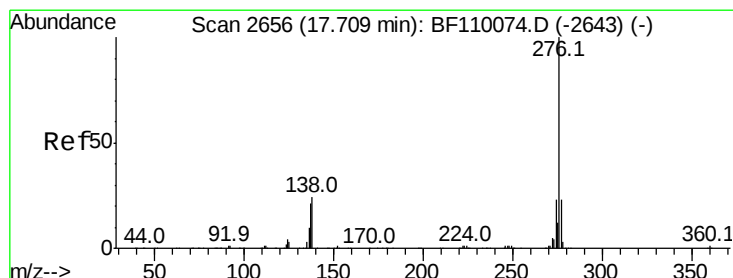
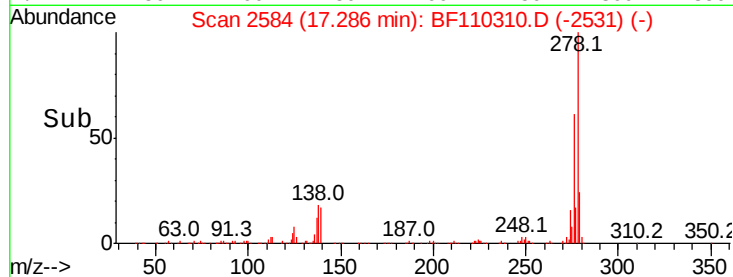
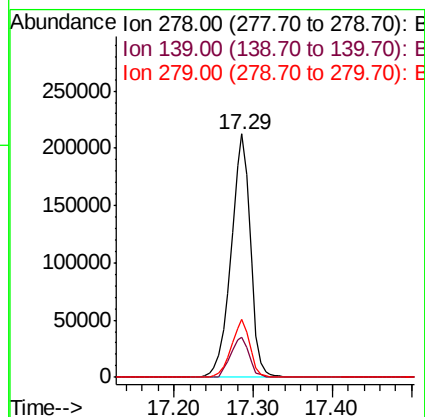
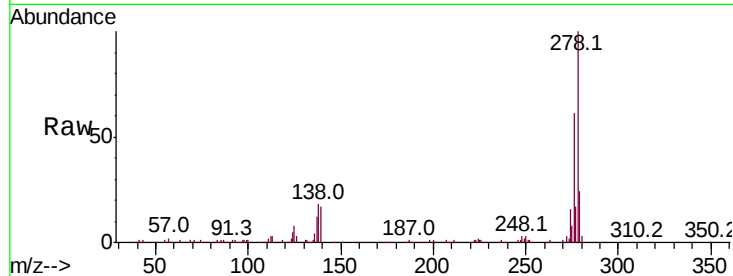
#91
Dibenzo(a,h)anthracene
Concen: 46.944 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Instrument :
BNA_F
ClientSampleId :
PB114313BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	23.7	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/31/2018 11:15:02 AM



#92
Benzo(g,h,i)perylene
Concen: 45.167 ng
RT: 17.75 min Scan# 2663
Delta R.T. 0.01 min
Lab File: BF110310.D
Acq: 30 Oct 2018 18:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.8	16.0	24.0

