

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111939.D
 Acq On : 9 Jan 2019 9:50
 Operator : JU/SJ
 Sample : PB116192BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 11:45:40 AM

Quant Time: Jan 09 10:19:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	200694	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	787825	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	409756	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	710954	20.00	ng	0.00
76) Chrysene-d12	14.06	240	604691	20.00	ng	0.00
87) Perylene-d12	15.54	264	458391	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	1422179	121.23	ng	0.02
7) Phenol-d6	6.54	99	1723223	113.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	1018604	69.10	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	622306	116.76	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1984420	70.62	ng	0.00
79) Terphenyl-d14	13.00	244	1995363	62.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	177915	34.686	ng	99
3) Pyridine	3.56	79	491532	36.971	ng	99
4) n-Nitrosodimethylamine	3.51	42	280791	42.449	ng	96
6) Aniline	6.55	93	532235	29.113	ng	# 55
8) 2-Chlorophenol	6.68	128	522673	40.125	ng	98
9) Benzaldehyde	6.43	77	106560	9.247	ng	99
10) Phenol	6.55	94	619478	37.697	ng	93
11) bis(2-Chloroethyl)ether	6.62	93	478359	37.627	ng	99
12) 1,3-Dichlorobenzene	6.83	146	605287	40.083	ng	98
13) 1,4-Dichlorobenzene	6.90	146	615974	40.197	ng	99
14) 1,2-Dichlorobenzene	7.06	146	579633	39.571	ng	98
15) Benzyl Alcohol	7.03	79	498785	41.694	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	882725	40.725	ng	96
17) 2-Methylphenol	7.15	107	453889	43.355	ng	97
18) Hexachloroethane	7.40	117	216833	40.527	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	401207	40.840	ng	98
20) 3+4-Methylphenols	7.30	107	574264	44.074	ng	# 84
22) Acetophenone	7.29	105	759670	38.088	ng	98
24) Nitrobenzene	7.47	77	604581	40.544	ng	99
25) Isophorone	7.71	82	1061338	44.463	ng	99
26) 2-Nitrophenol	7.79	139	310943	42.350	ng	97
27) 2,4-Dimethylphenol	7.83	122	514018	48.420	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	684399	42.955	ng	99
29) 2,4-Dichlorophenol	8.03	162	480458	39.359	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	533116	39.588	ng	98
31) Naphthalene	8.19	128	1636141	43.749	ng	100
32) Benzoic acid	7.97	122	313031	45.439	ng	96
33) 4-Chloroaniline	8.24	127	493251	30.510	ng	99
34) Hexachlorobutadiene	8.31	225	318701	38.015	ng	99
35) Caprolactam	8.62	113	169665m	42.540	ng	
36) 4-Chloro-3-methylphenol	8.73	107	486944	40.120	ng	98
37) 2-Methylnaphthalene	8.89	142	1130907	48.801	ng	100
38) 1-Methylnaphthalene	8.99	142	1066966	48.004	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	542291	41.513	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	660416	87.436	nq	100
43) 2,4,6-Trichlorophenol	9.17	196	345352	38.977	nq	98
44) 2,4,5-Trichlorophenol	9.22	196	376000	40.503	nq	97
46) 1,1'-Biphenyl	9.35	154	1399557	40.833	nq	99
47) 2-Chloronaphthalene	9.37	162	1092188	40.601	nq	98
48) 2-Nitroaniline	9.47	65	338650	41.176	nq	96
49) Acenaphthylene	9.79	152	1726795	43.419	nq	100
50) Dimethylphthalate	9.65	163	1183500	38.449	nq	99
51) 2,6-Dinitrotoluene	9.71	165	266070	38.654	nq	97
52) Acenaphthene	9.96	154	996313	38.859	nq	99
53) 3-Nitroaniline	9.88	138	235633	31.966	nq	99
54) 2,4-Dinitrophenol	9.99	184	275261	94.441	nq	93
55) Dibenzofuran	10.14	168	1505982	40.389	nq	100
56) 4-Nitrophenol	10.06	139	419698	80.580	nq	95
57) 2,4-Dinitrotoluene	10.12	165	379543	42.673	nq	94
58) Fluorene	10.48	166	1180560	43.512	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	343167	43.874	nq	97
60) Diethylphthalate	10.35	149	1203866	40.414	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	595681	39.152	nq	96
62) 4-Nitroaniline	10.50	138	279352	39.954	nq	100
63) Azobenzene	10.63	77	1165835	40.969	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	171720	39.145	nq	96
66) n-Nitrosodiphenylamine	10.59	169	996913	41.785	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	394599	42.852	nq	98
68) Hexachlorobenzene	11.03	284	429759	42.111	nq	98
69) Atrazine	11.12	200	325634	38.847	nq	98
70) Pentachlorophenol	11.23	266	415732	71.587	nq	97
71) Phenanthrene	11.44	178	1614041	42.462	nq	99
72) Anthracene	11.50	178	1745891	45.246	nq	100
73) Carbazole	11.64	167	1501581	40.006	nq	99
74) Di-n-butylphthalate	11.97	149	1672473	38.362	nq	100
75) Fluoranthene	12.63	202	1564529	40.094	nq	99
77) Benzidine	12.74	184	508185	28.126	nq	97
78) Pyrene	12.86	202	1582114	38.026	nq	99
80) Butylbenzylphthalate	13.47	149	728770	41.431	nq	98
81) Benzo(a)anthracene	14.05	228	1510221	43.396	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	464007	36.116	nq	97
83) Chrysene	14.09	228	1408341	42.443	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1023461	44.304	nq	99
85) Di-n-octyl phthalate	14.64	149	1494622	45.211	nq	99
86) Indeno(1,2,3-cd)pyrene	17.05	276	1249256	51.642	nq	99
88) Benzo(b)fluoranthene	15.11	252	1252782	45.688	nq	99
89) Benzo(k)fluoranthene	15.14	252	1188982	46.129	nq	99
90) Benzo(a)pyrene	15.48	252	1161160	48.161	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	1038340	53.546	nq	99
92) Benzo(g,h,i)perylene	17.50	276	1066618	56.236	nq	97

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

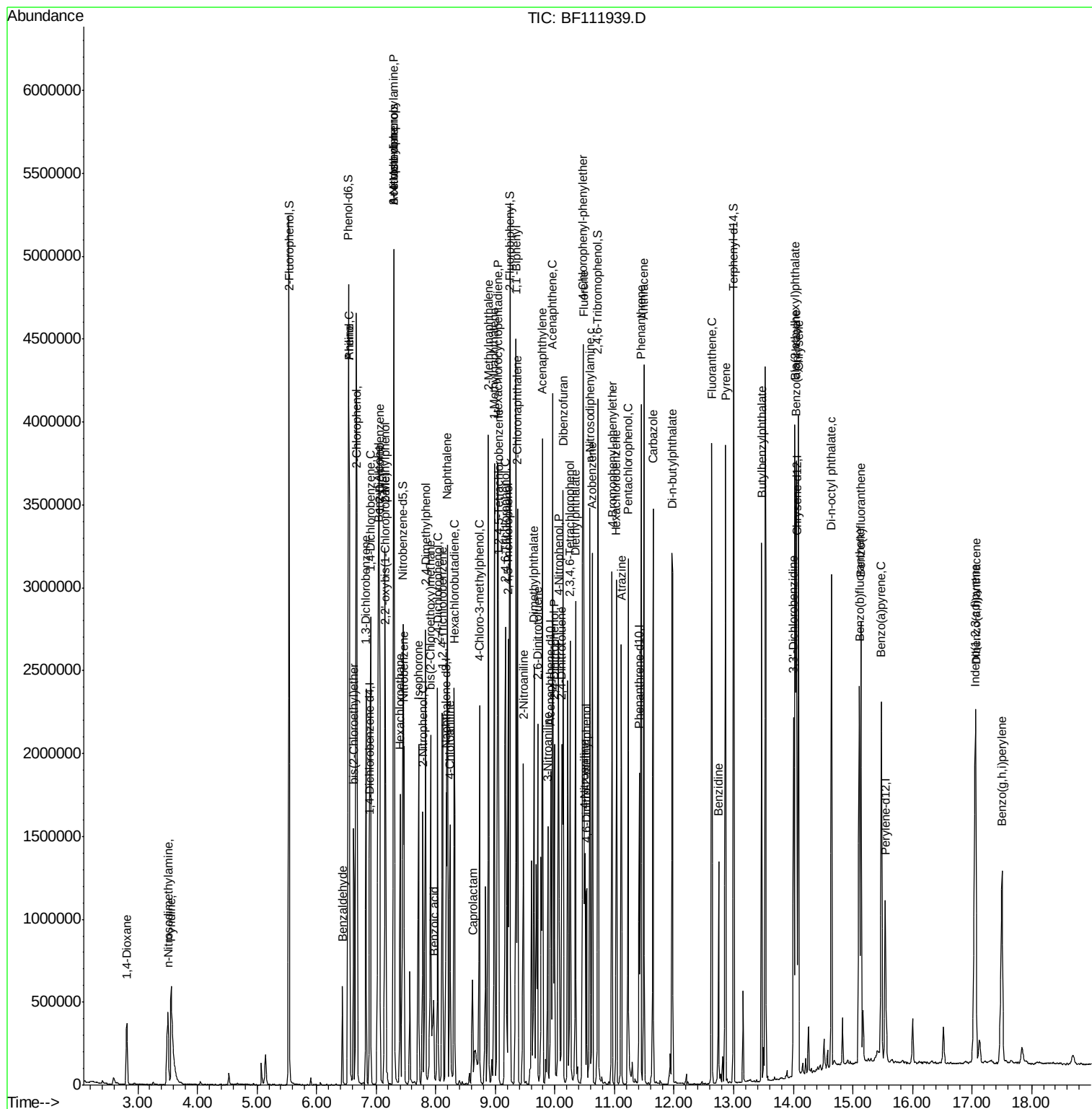
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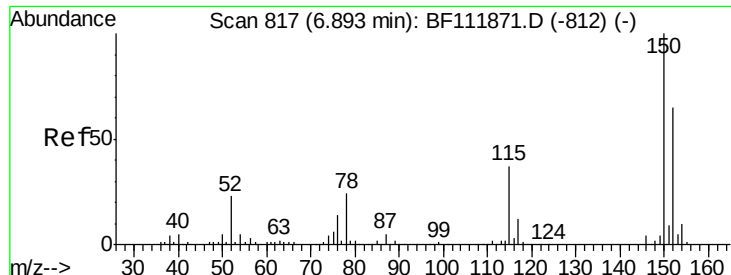
Instrument :
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 ClientSampled :
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#1

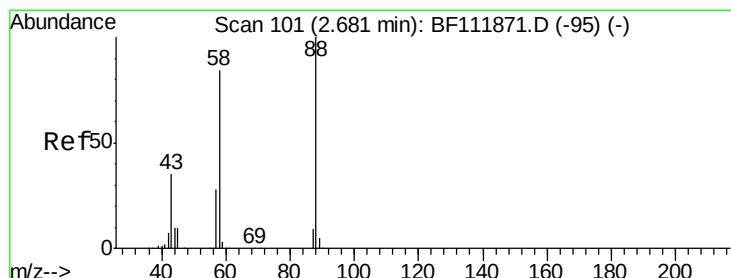
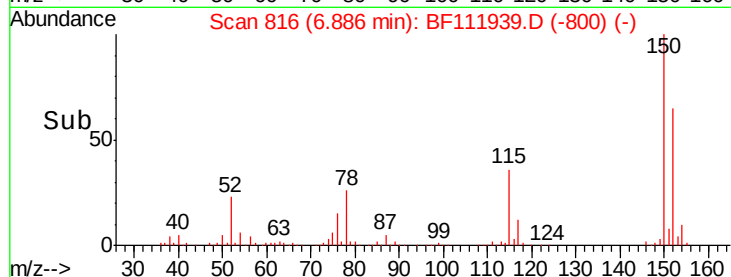
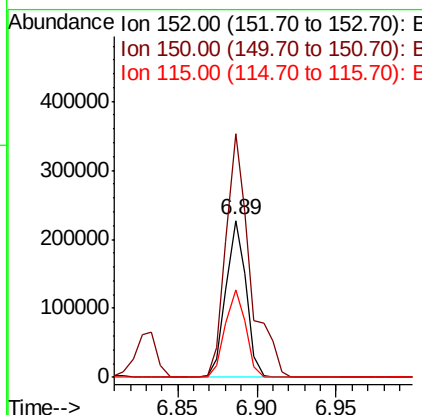
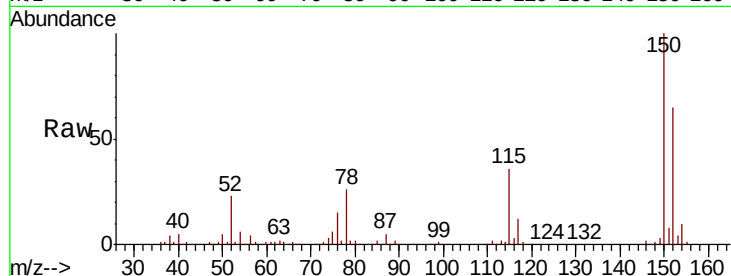
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	56.0	45.2	67.8

Manual Integrations
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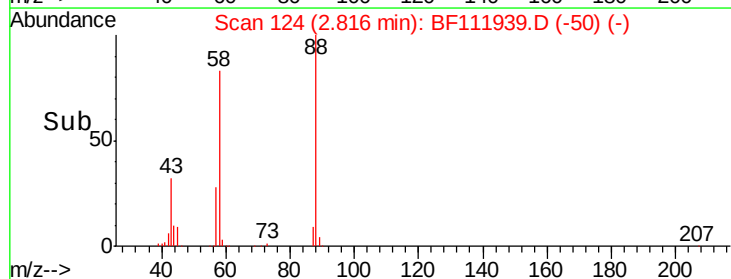
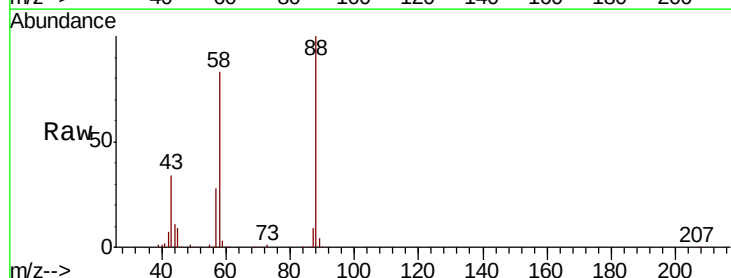
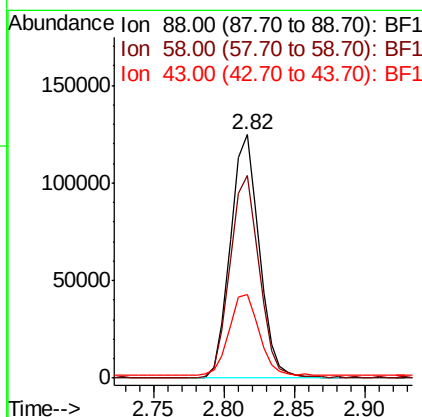
Sohil
1/10/2019 11:45:40 AM

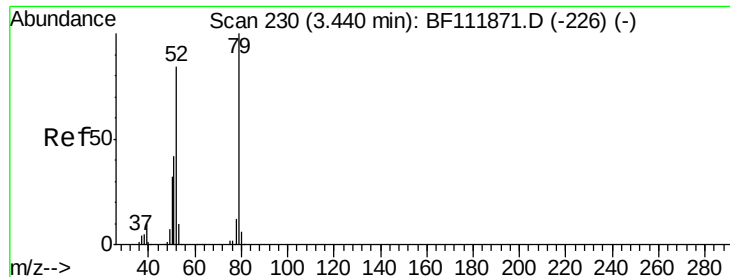


#2

1,4-Dioxane
Concen: 34.686 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.14 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	67.6	101.4
43	35.1	29.0	43.6





#3

Pvridine

Concen: 36.971 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.12 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

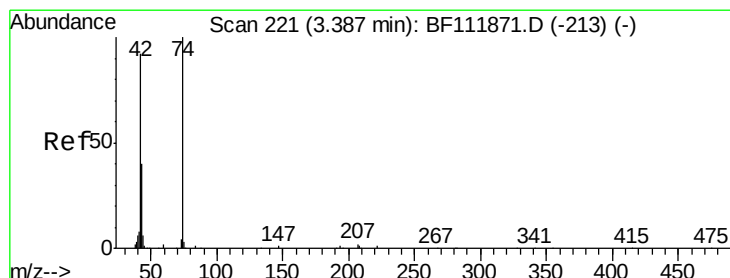
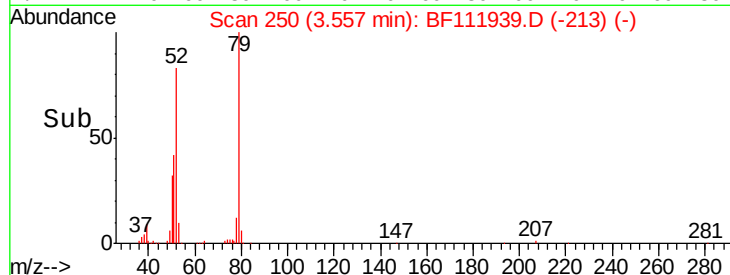
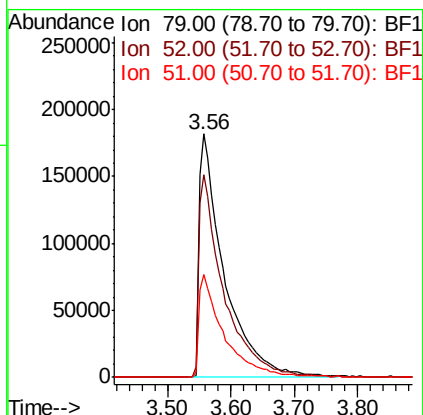
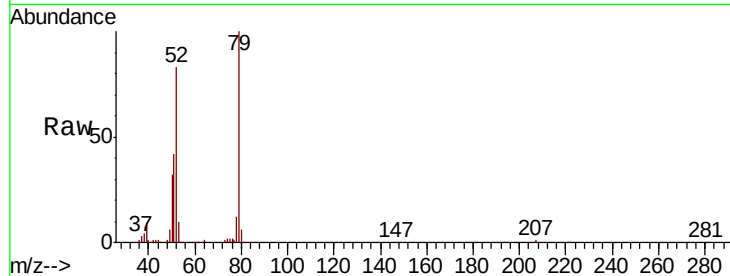
ClientSampleId :

PB116192BS

Tot Ion:	79	Resp:	491532
Ion Ratio	Lower	Upper	
79	100		
52	83.3	67.0	100.6
51	42.2	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.449 ng

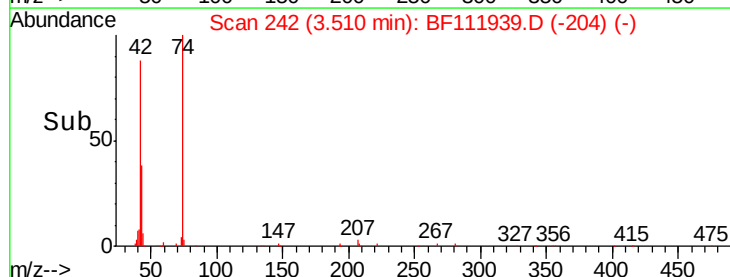
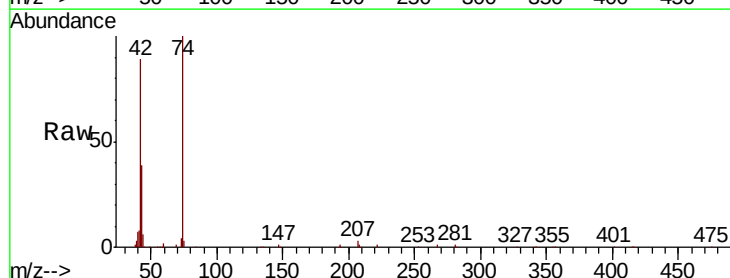
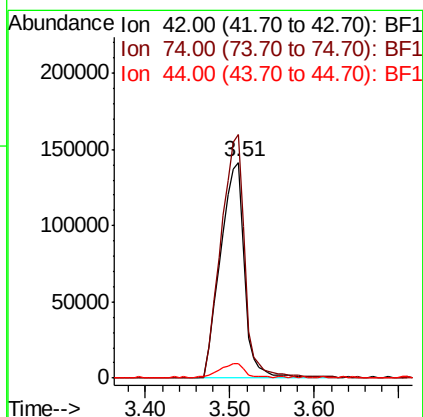
RT: 3.51 min Scan# 242

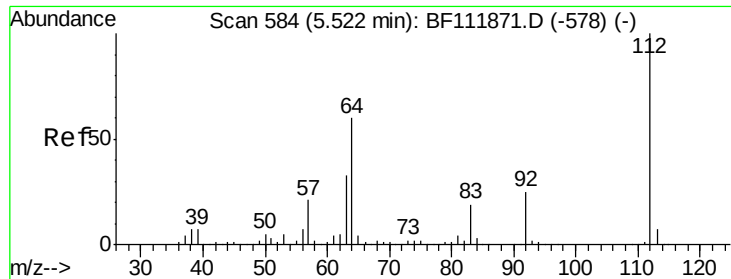
Delta R.T. 0.12 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Tgt Ion:	42	Resp:	280791
Ion Ratio	Lower	Upper	
42	100		
74	112.7	87.0	130.6
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 121.234 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:112 Resp: 1422179

Ion Ratio Lower Upper

112 100

64 63.0 48.3 72.5

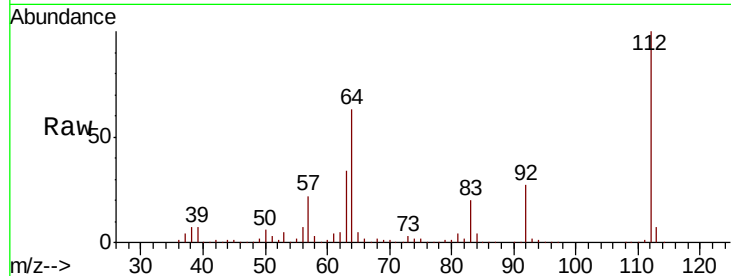
63 33.9 26.1 39.1

Manual Integrations

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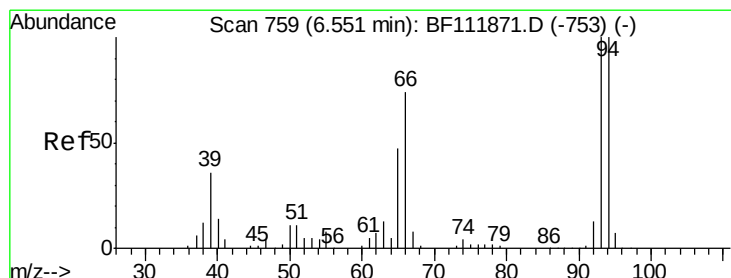
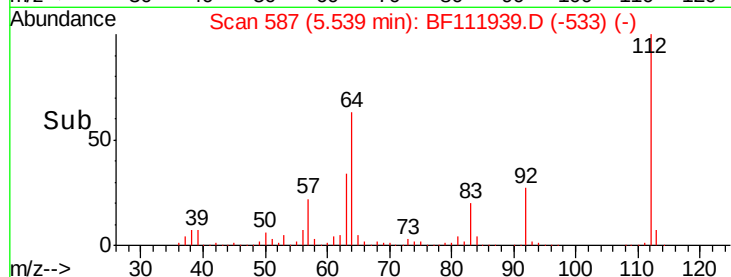
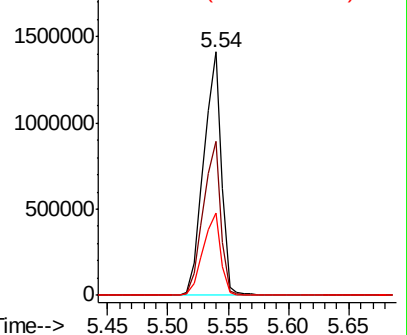
1/10/2019 11:45:40 AM



Abundance Ion 112.00 (111.70 to 112.70): BF111871.D (-578) (-)

Ion 64.00 (63.70 to 64.70): BF111871.D (-578) (-)

Ion 63.00 (62.70 to 63.70): BF111871.D (-578) (-)



#6

Aniline

Concen: 29.113 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

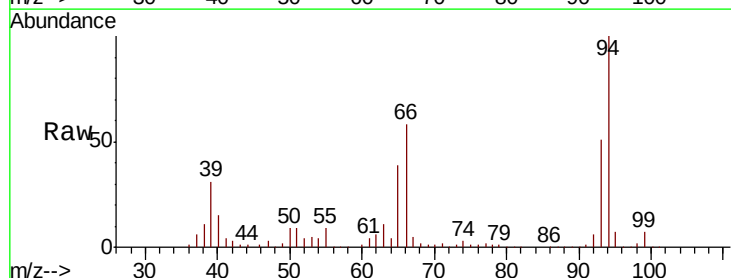
Tgt Ion: 93 Resp: 532235

Ion Ratio Lower Upper

93 100

66 113.6 60.0 90.0#

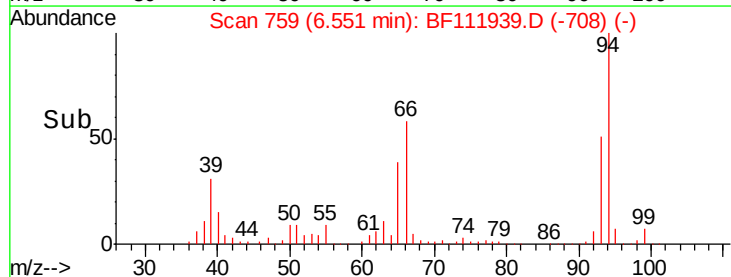
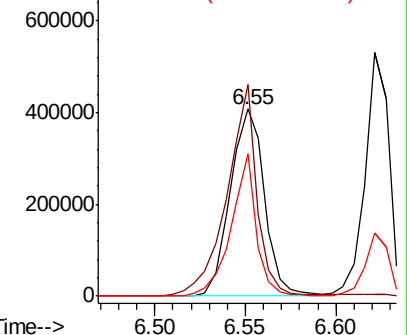
65 76.6 37.5 56.3#

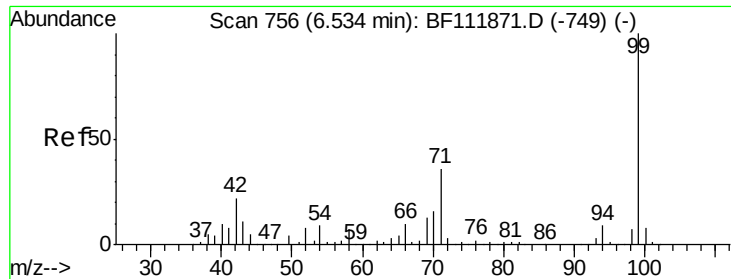


Abundance Ion 93.00 (92.70 to 93.70): BF111871.D (-753) (-)

Ion 66.00 (65.70 to 66.70): BF111871.D (-753) (-)

Ion 65.00 (64.70 to 65.70): BF111871.D (-753) (-)





#7

Phenol-d6

Concen: 113.972 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111939.D

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ClientSampleId :

PB116192BS

Tot Ion: 99 Resp: 1723223

Ion Ratio Lower Upper

99 100

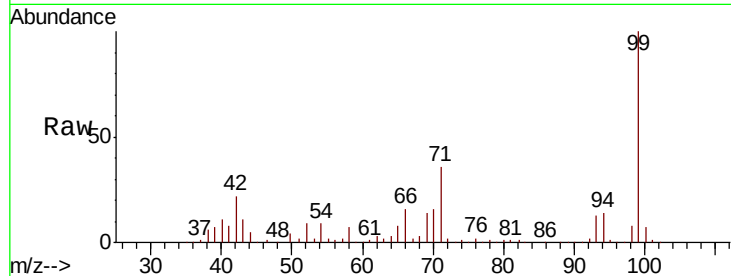
42 21.8 17.9 26.9

71 36.2 28.7 43.1

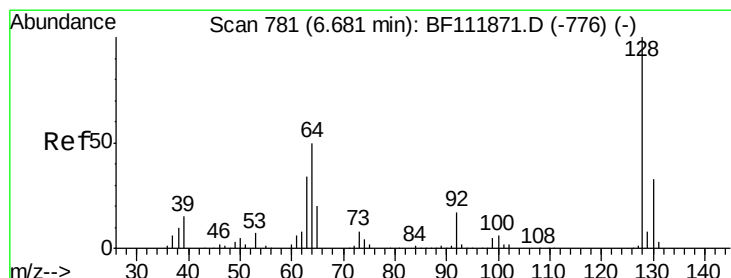
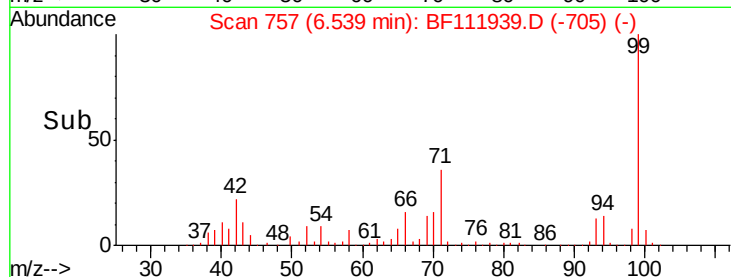
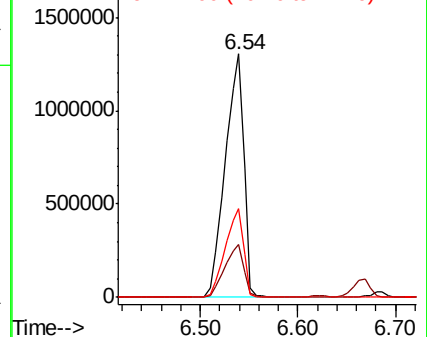
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.125 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

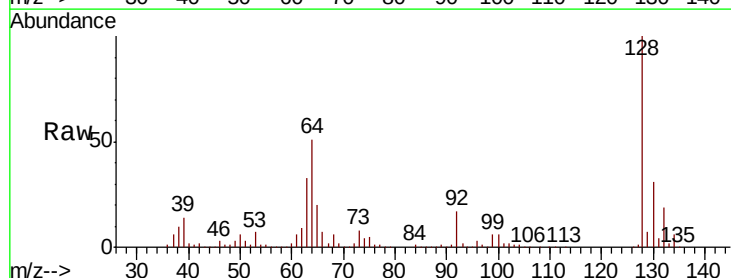
Tgt Ion: 128 Resp: 522673

Ion Ratio Lower Upper

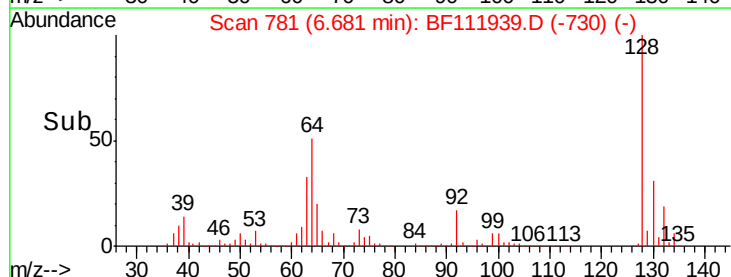
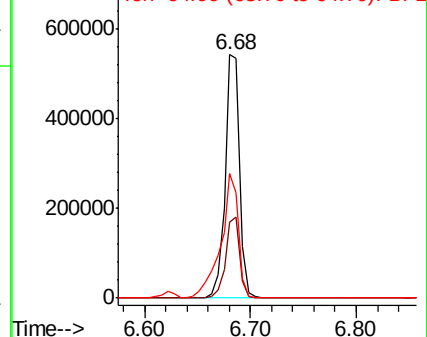
128 100

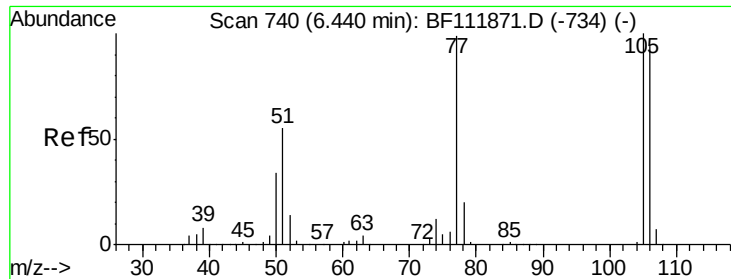
130 31.3 12.7 52.7

64 51.2 31.8 71.8



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





#9

Benzaldehyde

Concen: 9.247 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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BNA_F

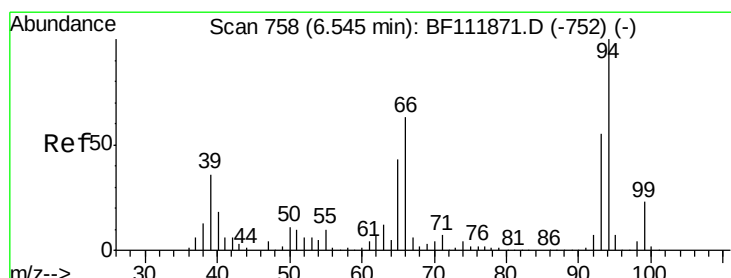
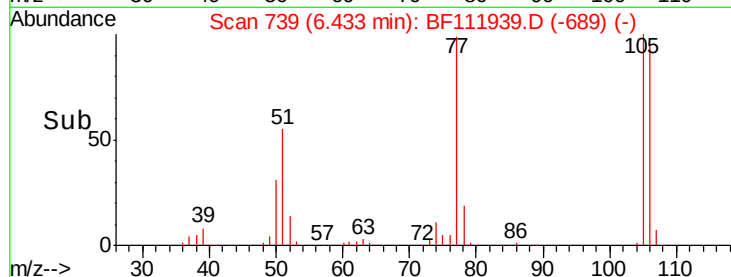
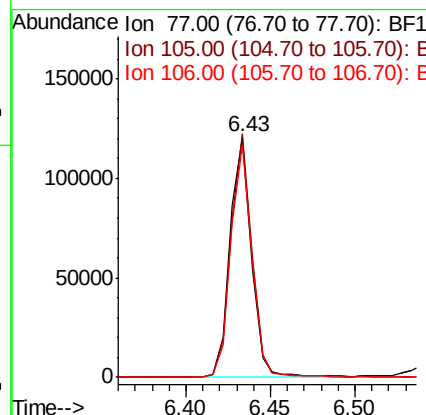
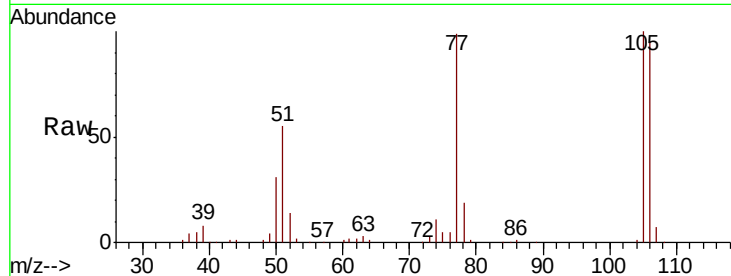
ClientSampleId :

PB116192BS

Tot Ion:	77	Resp:	106560
Ion	Ratio	Lower	Upper
77	100		
105	101.3	80.6	120.6
106	96.5	74.6	114.6

Manual Integrations
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Sohil
1/10/2019 11:45:40 AM



#10

Phenol

Concen: 37.697 ng

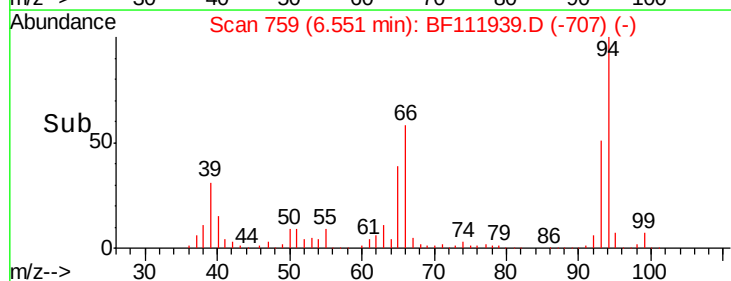
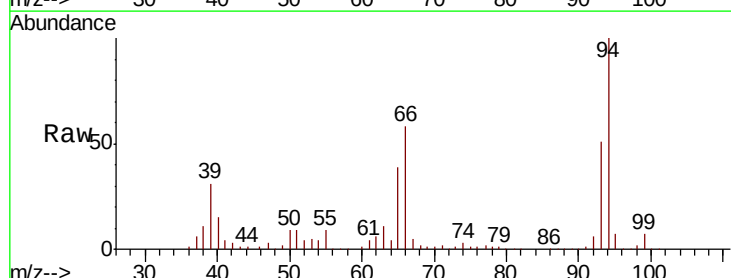
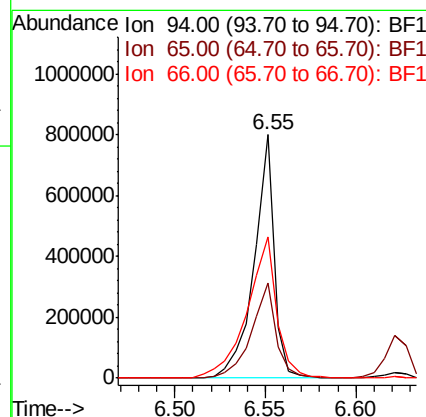
RT: 6.55 min Scan# 759

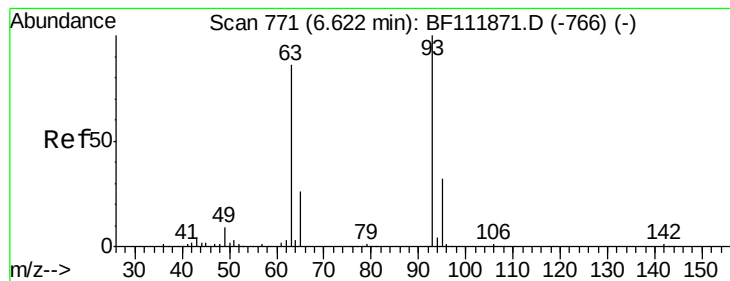
Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Tgt Ion:	94	Resp:	619478
Ion	Ratio	Lower	Upper
94	100		
65	39.0	22.8	62.8
66	57.8	43.3	83.3





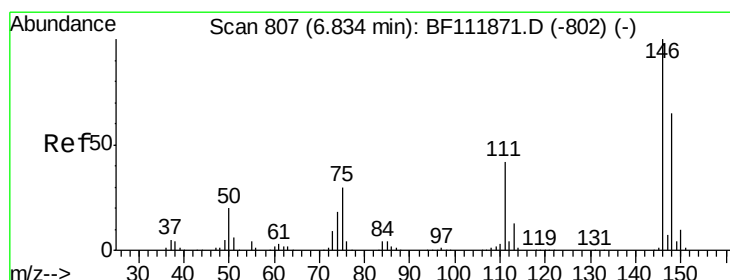
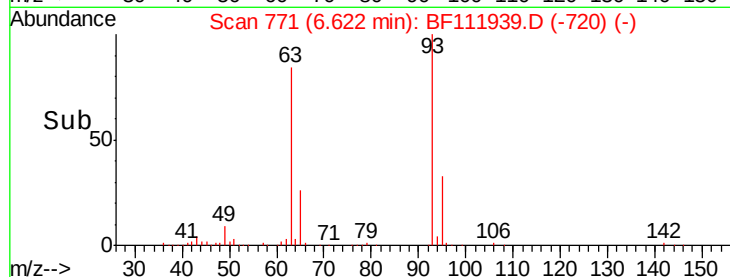
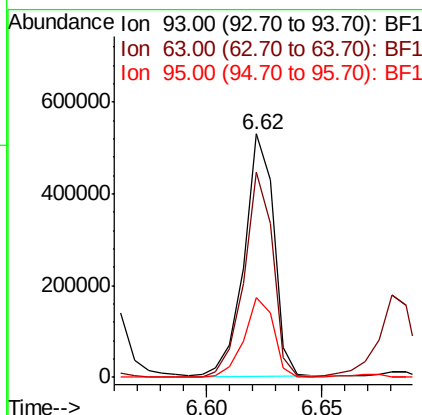
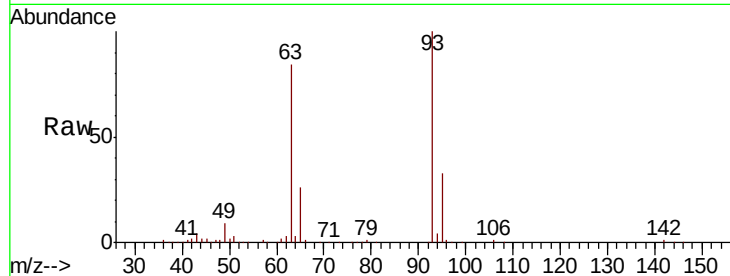
#11
bis(2-Chloroethyl)ether
Concen: 37.627 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.5	65.2	105.2
95	32.6	11.9	51.9

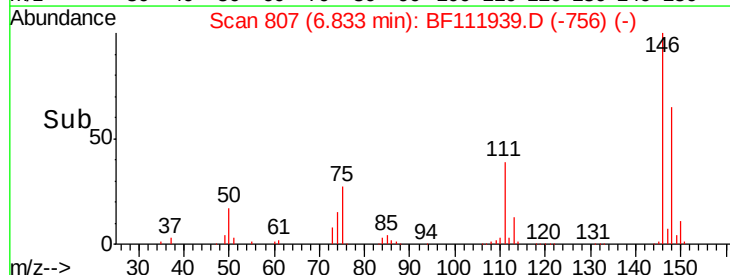
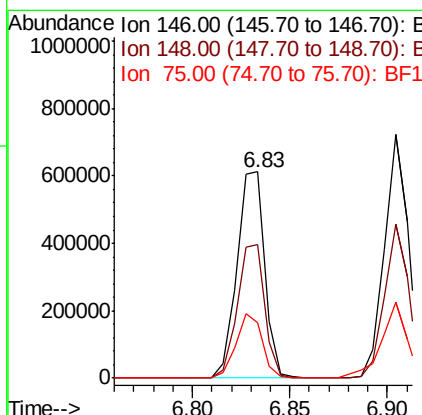
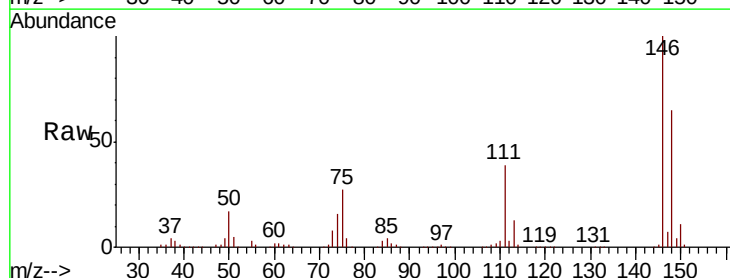
Manual Integrations
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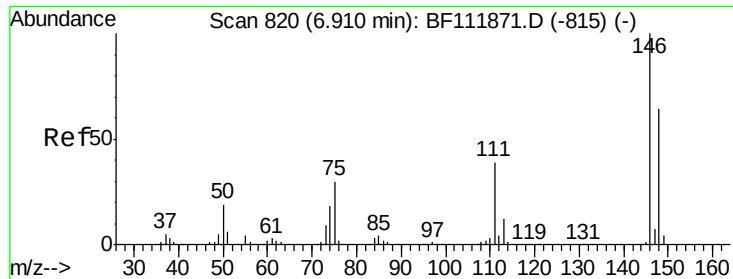
Sohil
1/10/2019 11:45:40 AM



#12
1,3-Dichlorobenzene
Concen: 40.083 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.6
75	27.2	24.3	36.5





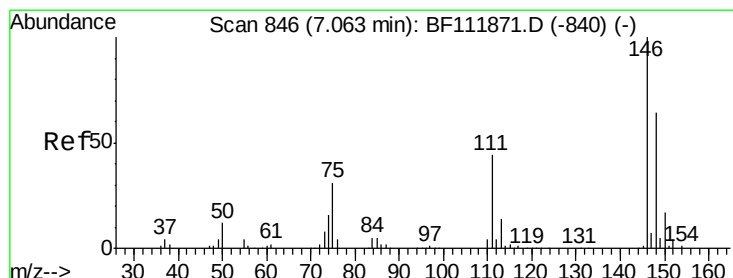
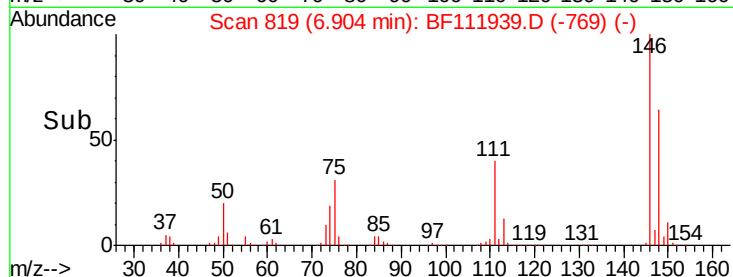
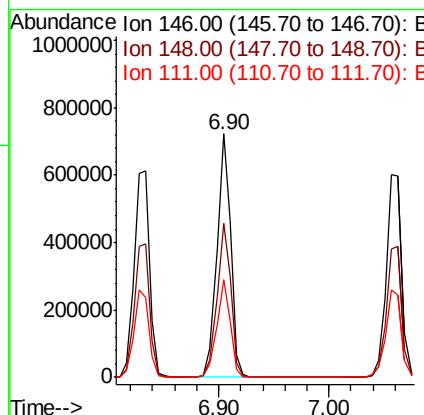
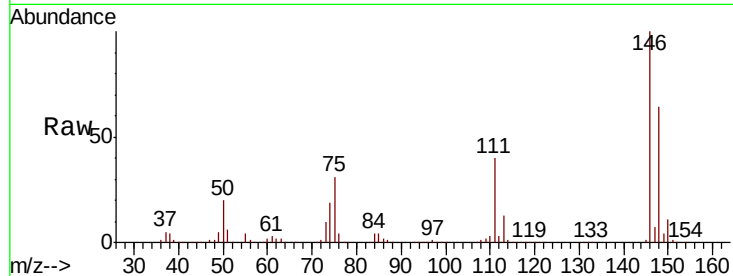
#13
 1,4-Dichlorobenzene
 Concen: 40.197 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampled :
 PB116192BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	40.4	31.5	47.3

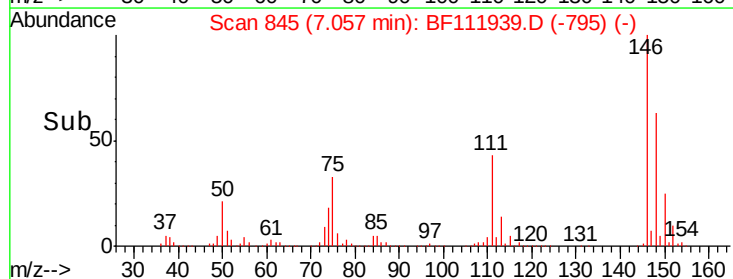
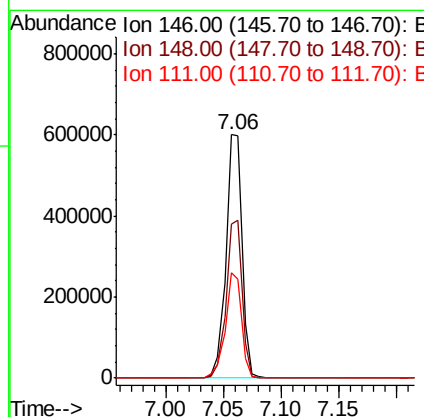
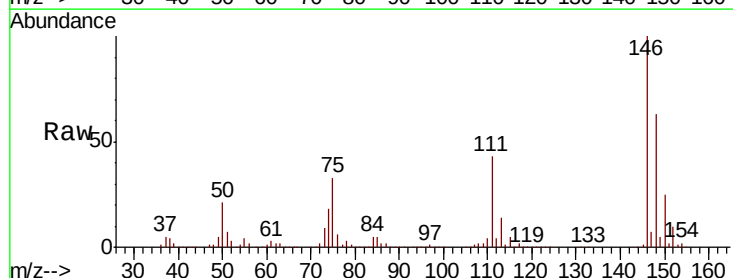
Manual Integrations
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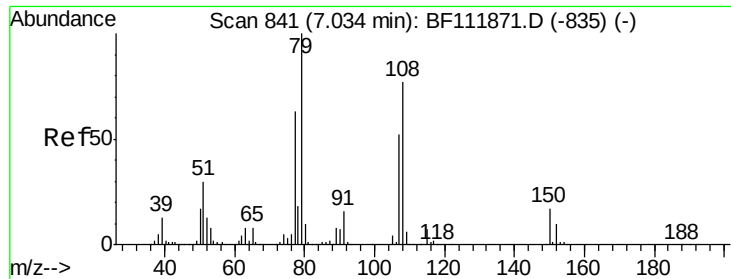
Sohil
 1/10/2019 11:45:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.571 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.5	77.3
111	43.3	35.5	53.3





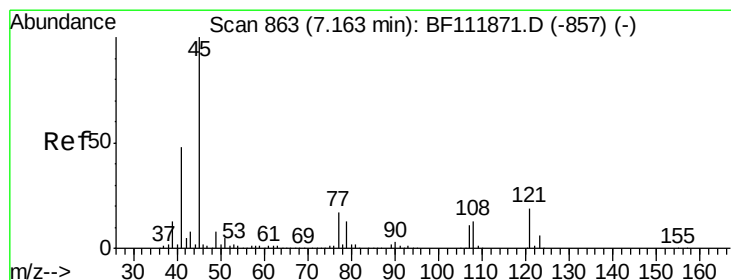
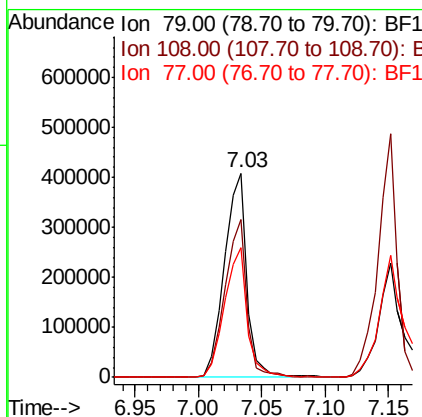
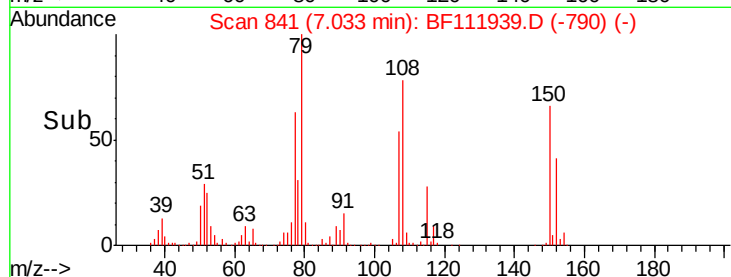
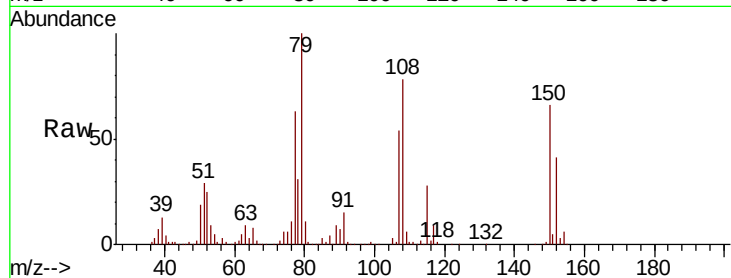
#15
Benzyl Alcohol
Concen: 41.694 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	61.4	92.0
77	63.4	50.4	75.6

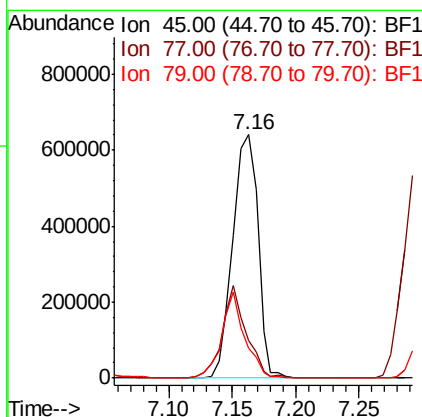
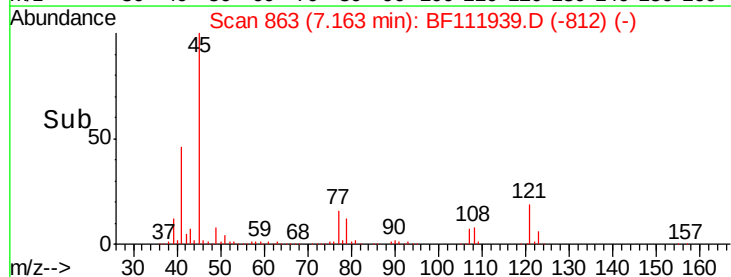
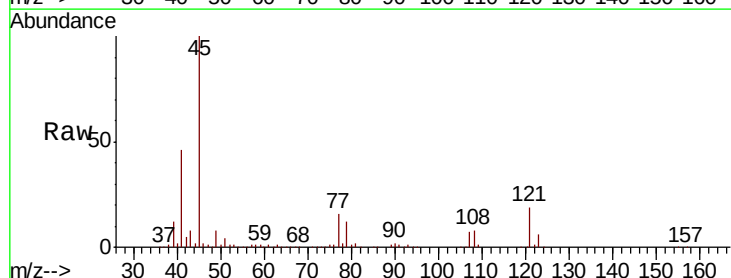
Manual Integrations
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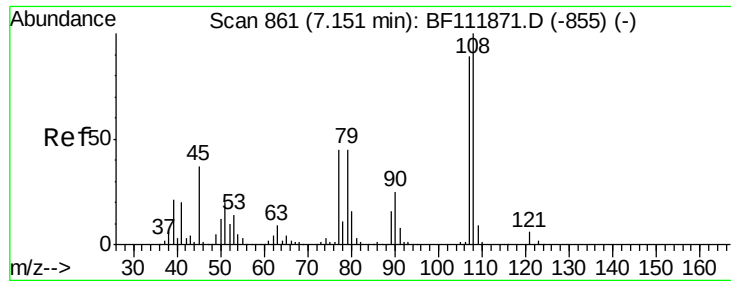
Sohil
1/10/2019 11:45:40 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.725 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	37.1
79	12.3	0.0	33.9





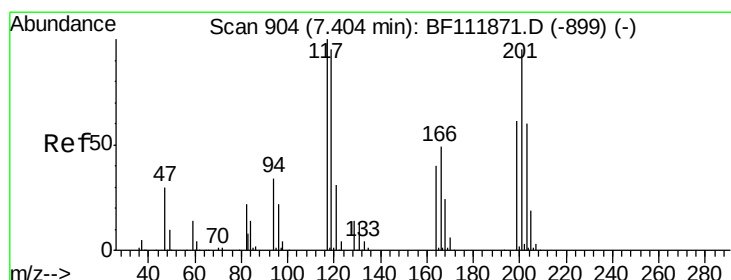
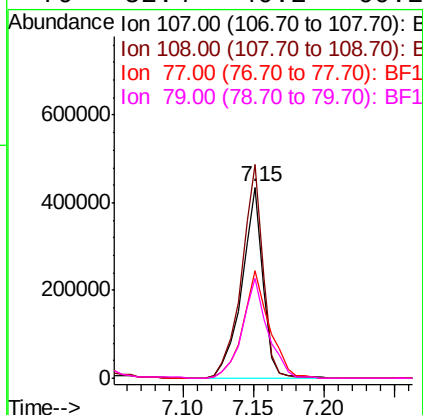
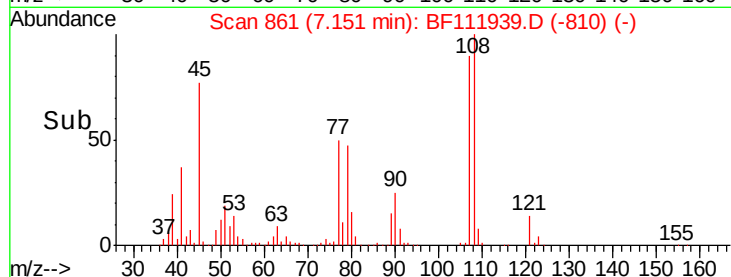
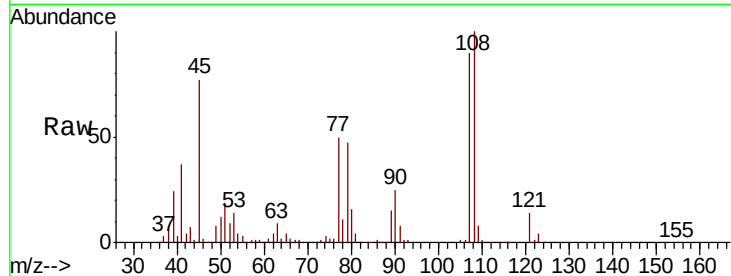
#17
2-Methylphenol
Concen: 43.355 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampled :
PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	89.7	134.5	
77	55.9	40.6	60.8	
79	52.4	40.2	60.2	

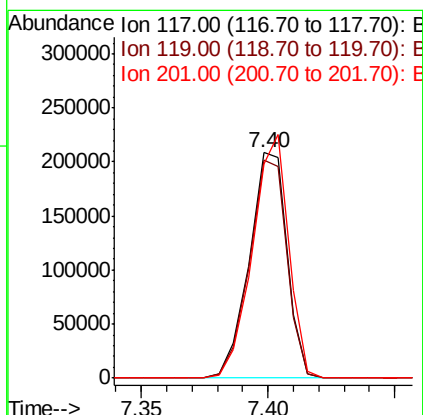
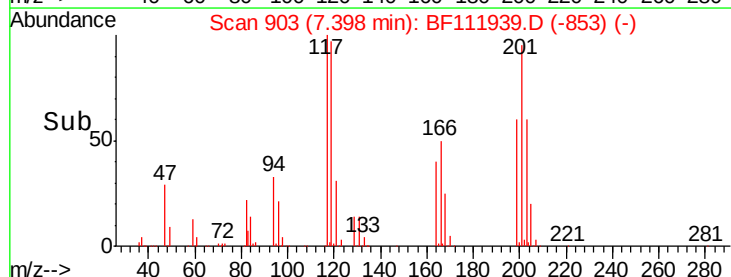
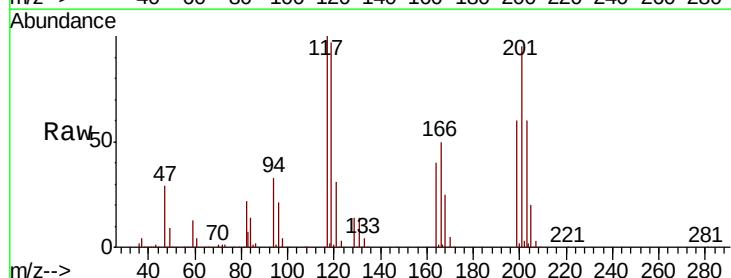
Manual Integrations
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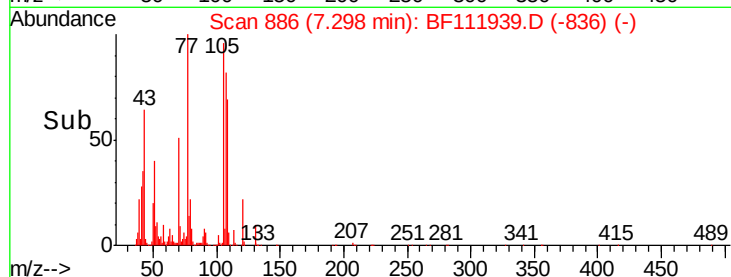
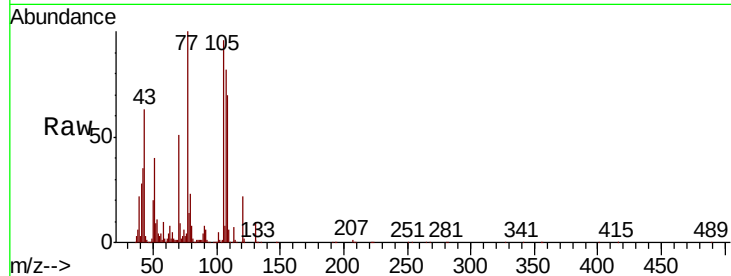
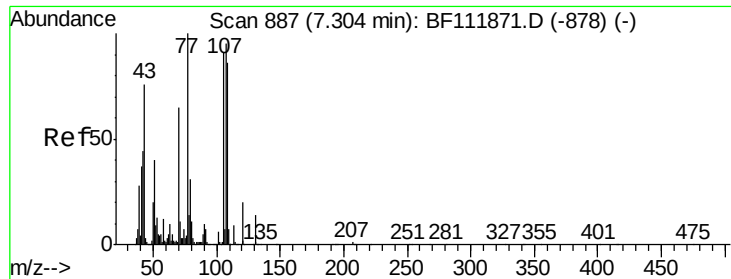
Sohil
1/10/2019 11:45:40 AM



#18
Hexachloroethane
Concen: 40.527 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.2	114.2	
201	94.9	75.7	113.5	





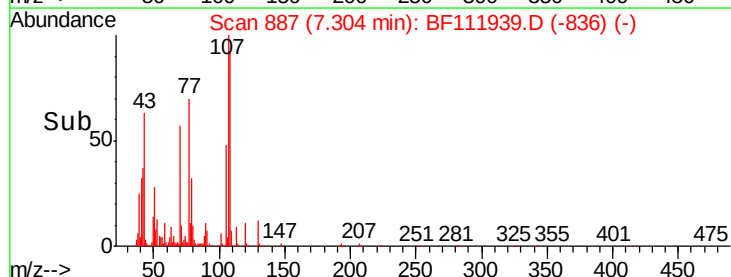
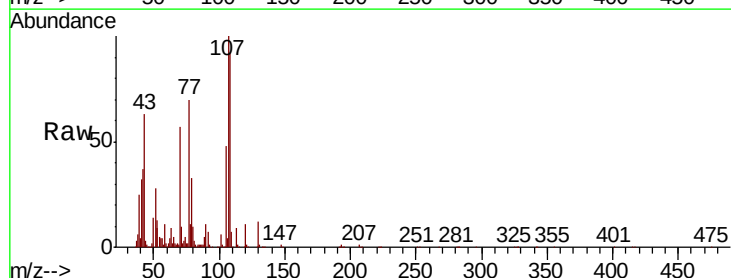
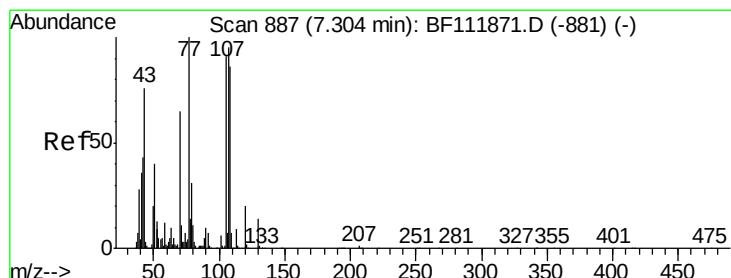
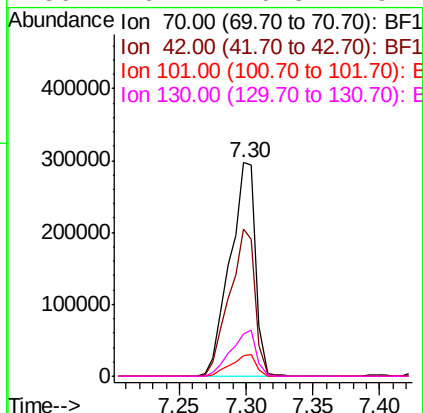
#19
n-Nitroso-di-n-propylamine
Concen: 40.840 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	53.6	80.4
101	9.4	7.3	10.9
130	20.1	16.8	25.2

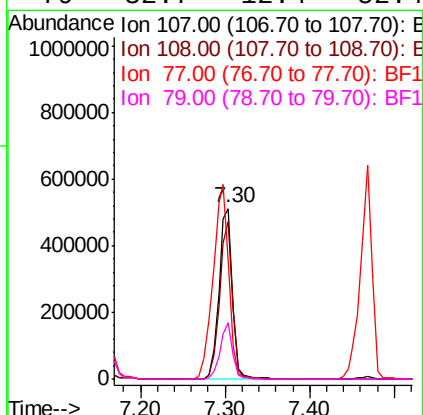
Manual Integrations
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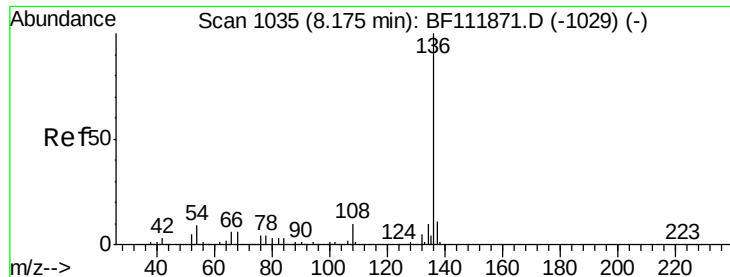
Sohil
1/10/2019 11:45:40 AM



#20
3+4-Methylphenols
Concen: 44.074 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	71.1	111.1
77	69.9	85.4	125.4#
79	32.7	12.4	52.4





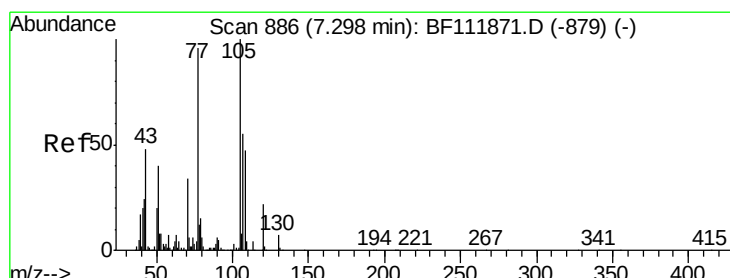
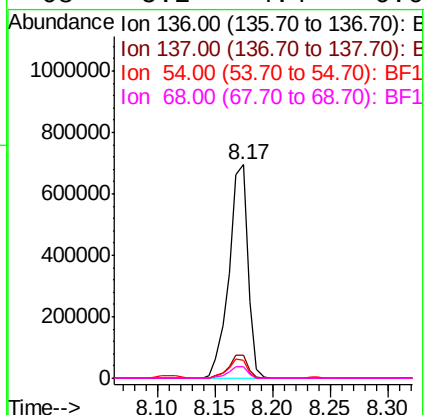
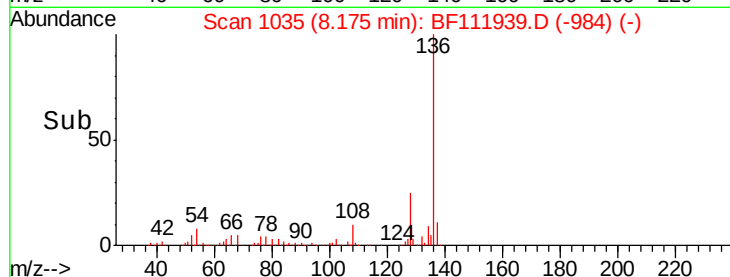
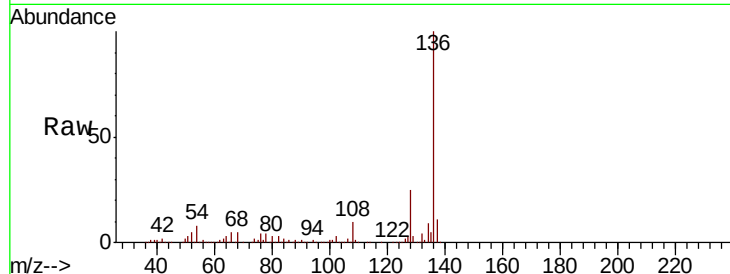
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampled :
PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	787825		
137	10.8	9.1	13.7	
54	8.2	7.2	10.8	
68	5.2	4.4	6.6	

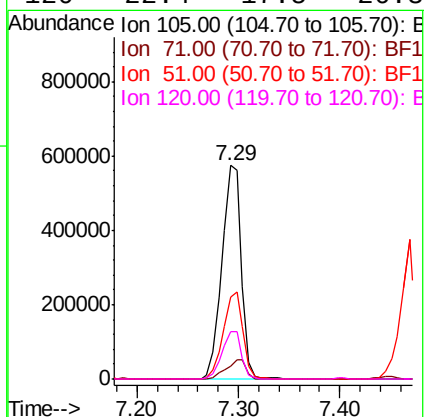
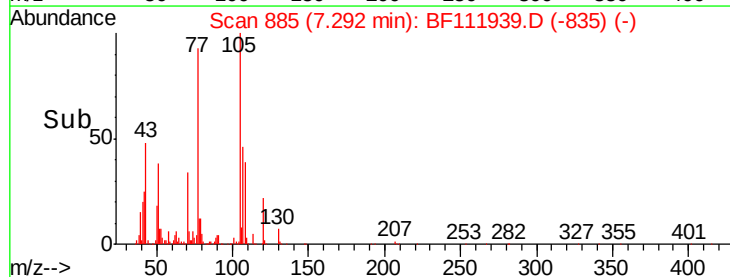
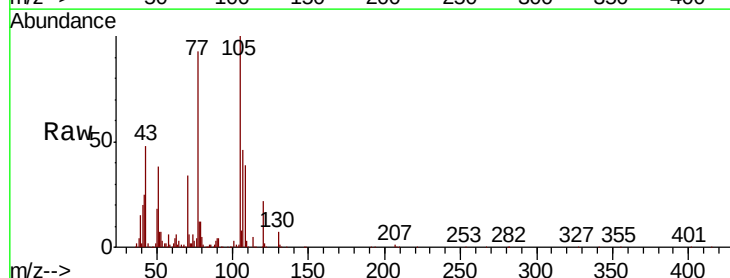
Manual Integrations
APPROVED

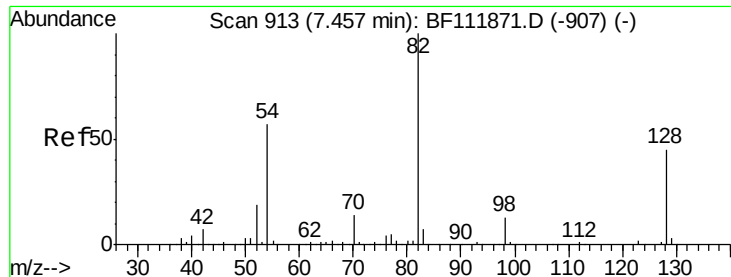
Sohil
1/10/2019 11:45:40 AM



#22
Acetophenone
Concen: 38.088 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	759670		
71	6.1	4.6	6.8	
51	38.5	32.2	48.2	
120	22.4	17.5	26.3	





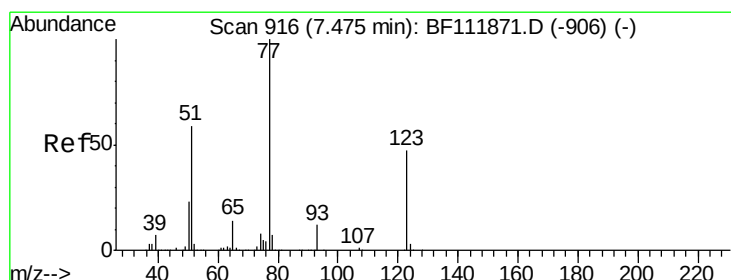
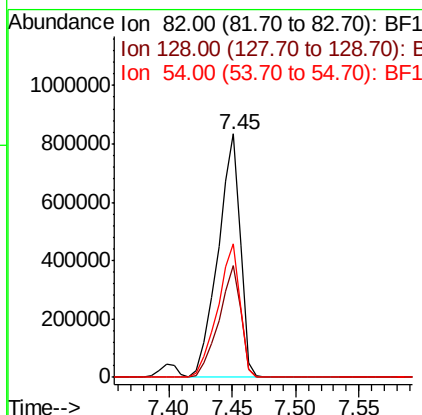
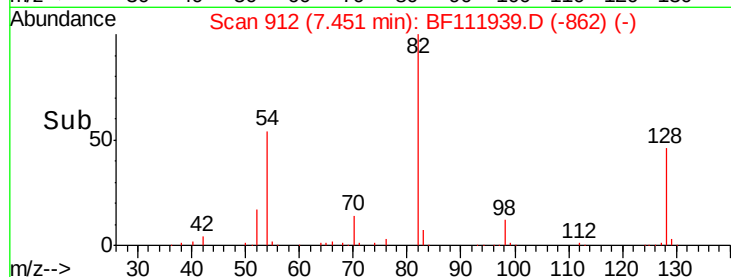
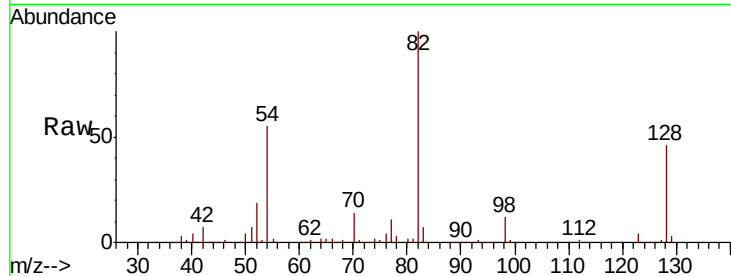
#23
Nitrobenzene-d5
Concen: 69.101 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampled :
PB116192BS

Tot Ion: 82 Resp: 1018604
Ion Ratio Lower Upper
82 100
128 45.7 35.7 53.5
54 54.8 45.8 68.8

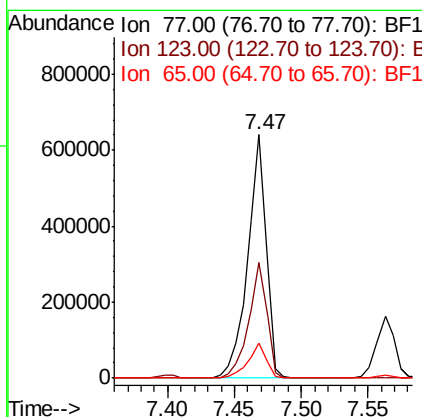
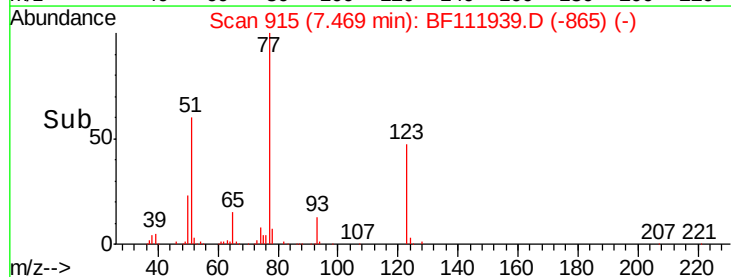
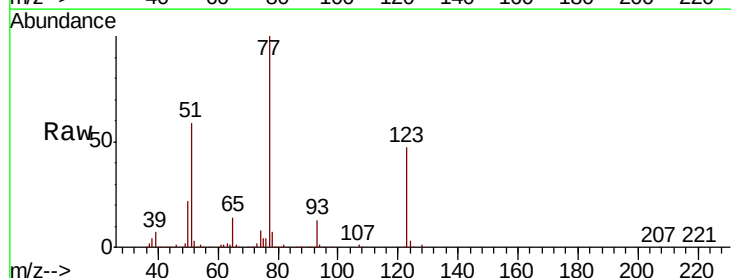
Manual Integrations
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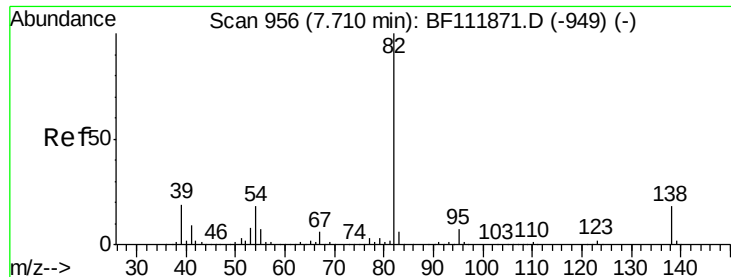
Sohil
1/10/2019 11:45:40 AM



#24
Nitrobenzene
Concen: 40.544 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion: 77 Resp: 604581
Ion Ratio Lower Upper
77 100
123 47.4 38.1 57.1
65 14.4 11.0 16.4





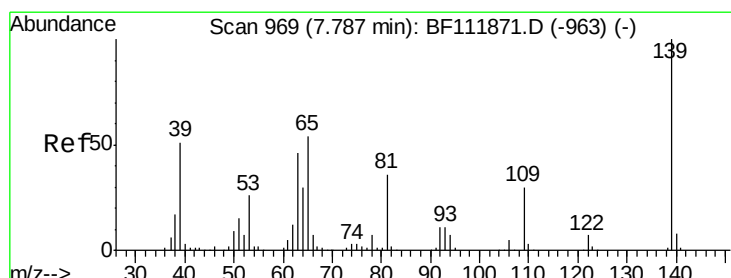
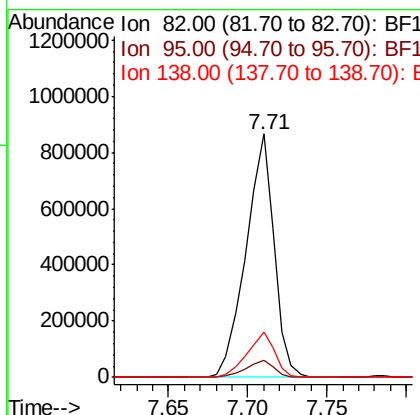
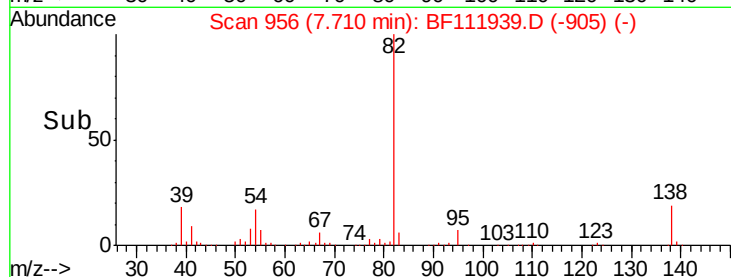
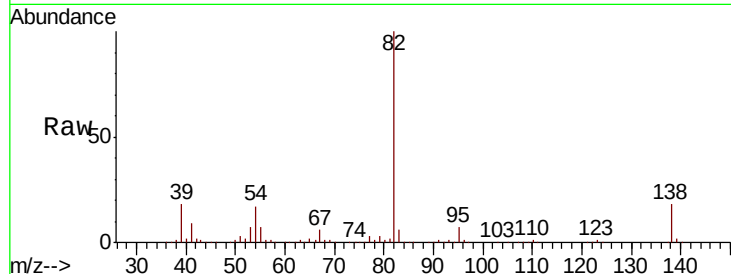
#25
Isophorone
Concen: 44.463 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	18.3	14.4	21.6

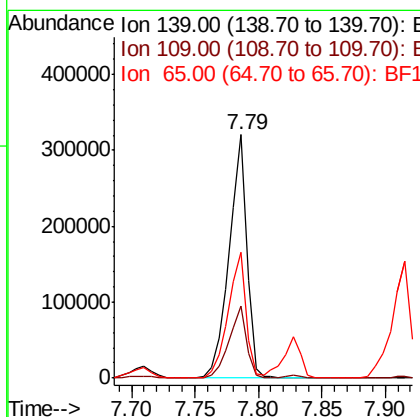
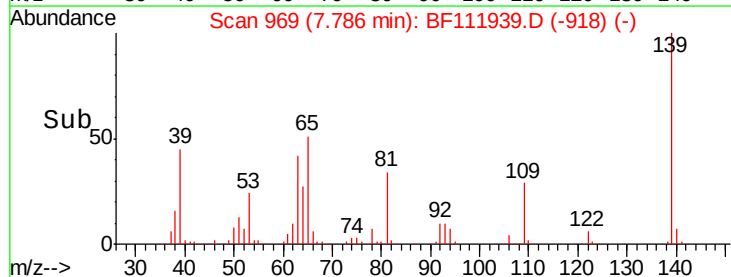
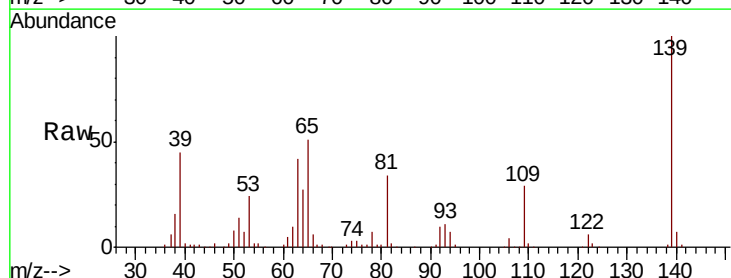
Manual Integrations
APPROVED

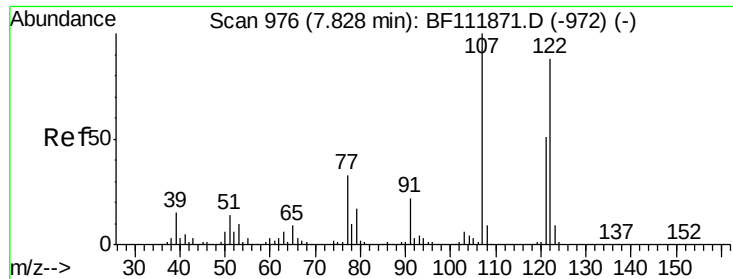
Sohil
1/10/2019 11:45:40 AM



#26
2-Nitrophenol
Concen: 42.350 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.4	24.1	36.1
65	51.5	43.6	65.4





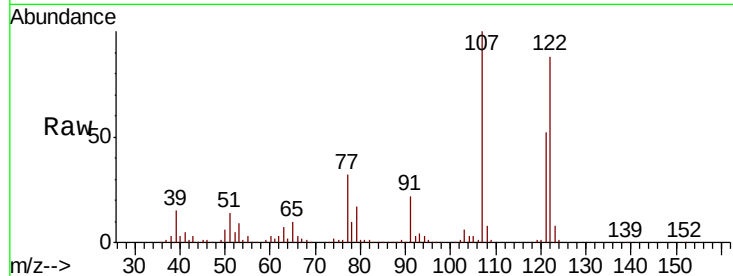
#27
2,4-Dimethylphenol
Concen: 48.420 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

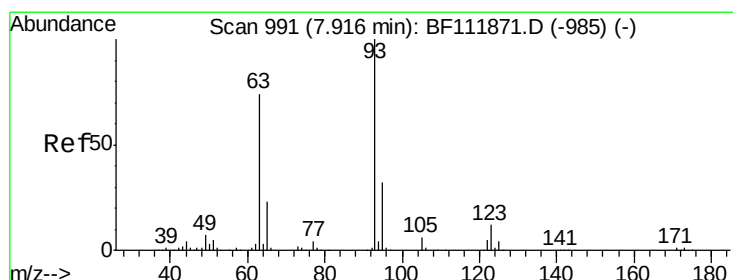
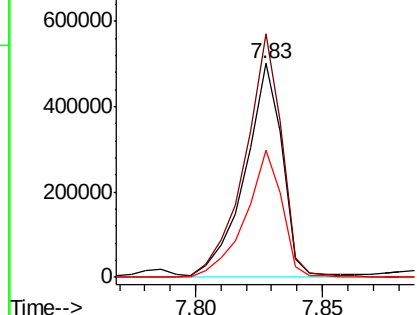
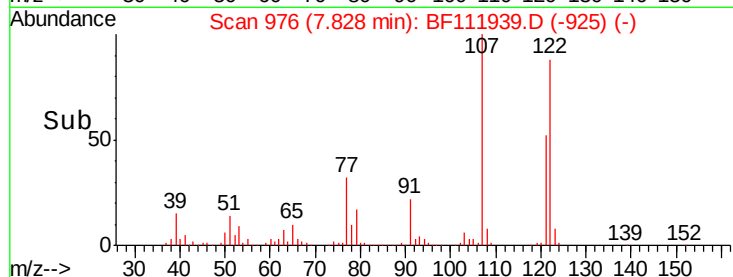
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.0	136.6
121	59.3	46.8	70.2

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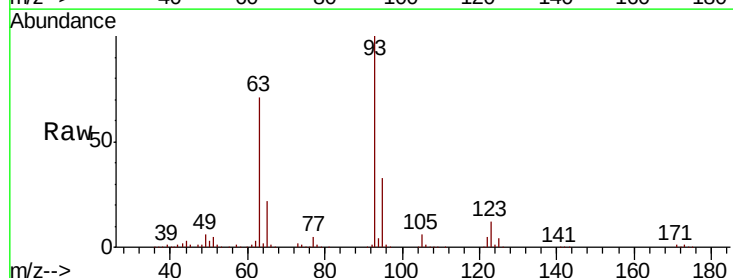


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

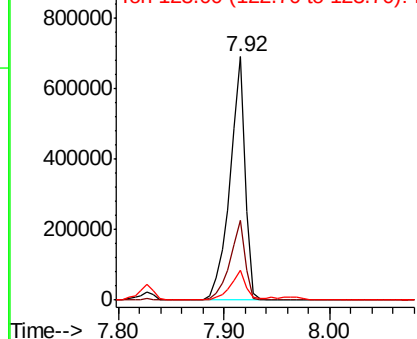
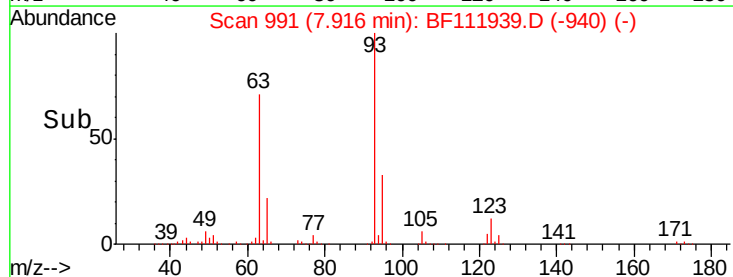


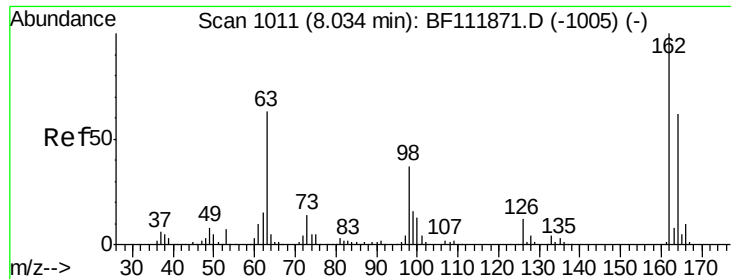
#28
bis(2-Chloroethoxy)methane
Concen: 42.955 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	12.0	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





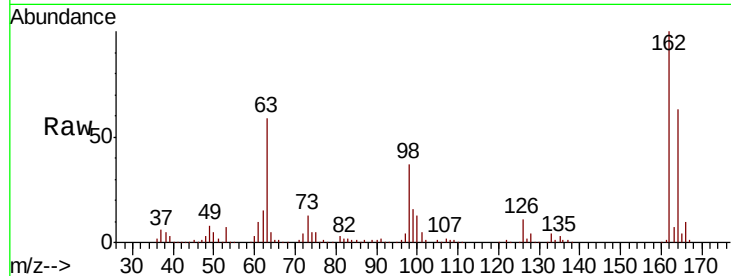
#29
 2,4-Dichlorophenol
 Concen: 39.359 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.2	42.1	82.1
98	36.8	17.2	57.2

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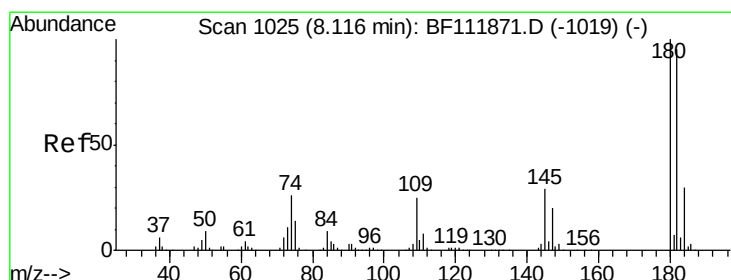
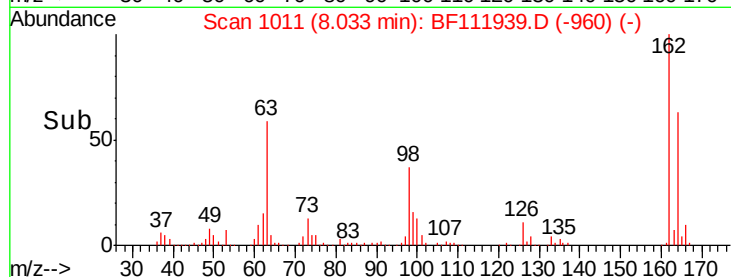
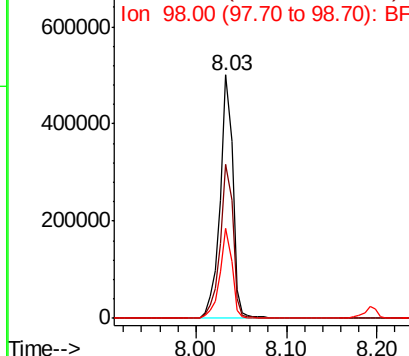


Abundance

Ion 162.00 (161.70 to 162.70): E

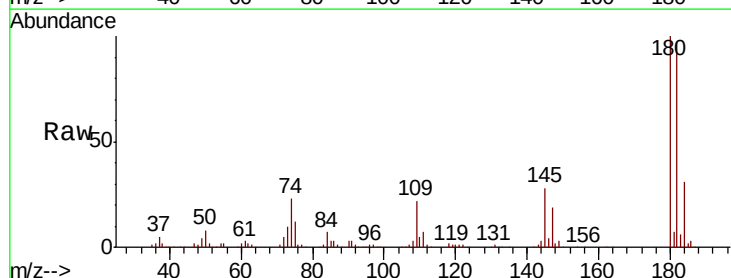
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.588 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.8	76.2	114.4
145	28.4	23.4	35.2

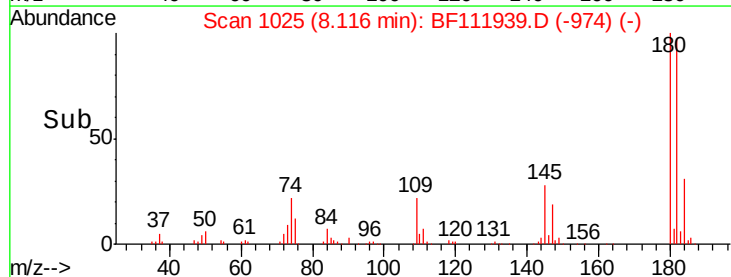
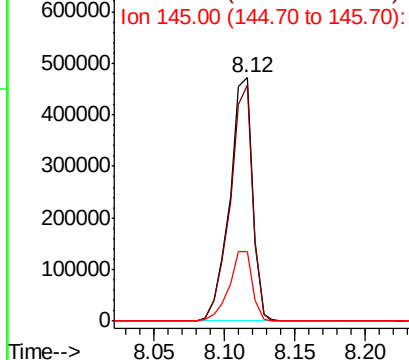


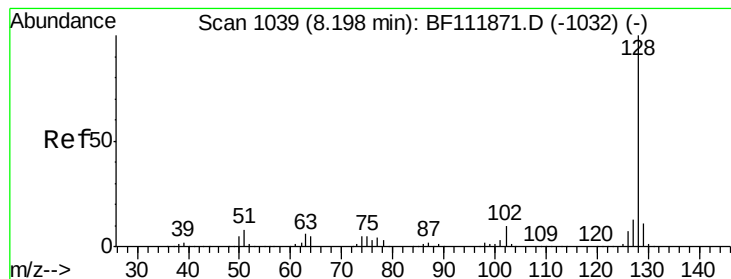
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.749 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:128 Resp: 1636141

Ion Ratio Lower Upper

128 100

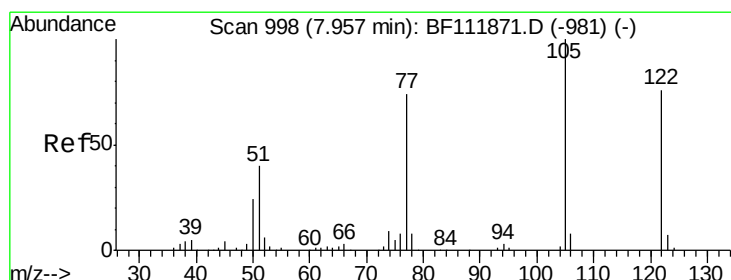
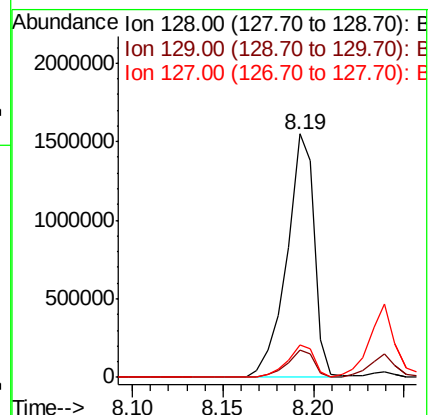
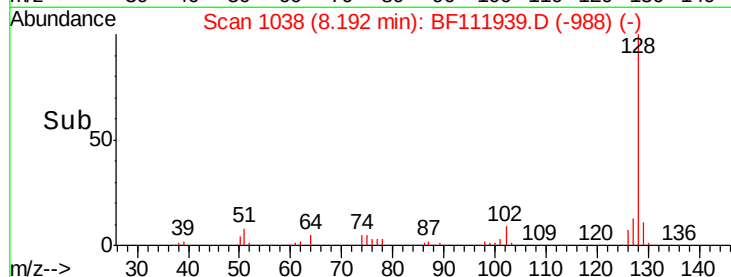
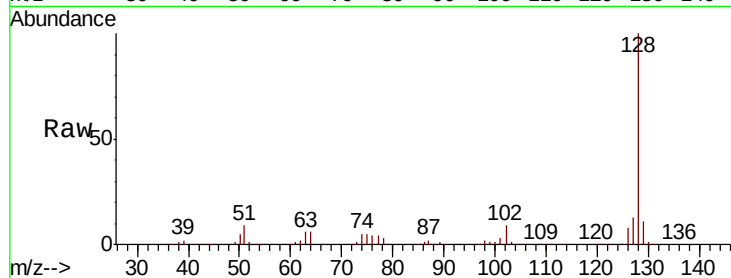
129 11.3 9.0 13.4

127 13.1 10.7 16.1

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#32

Benzoic acid

Concen: 45.439 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

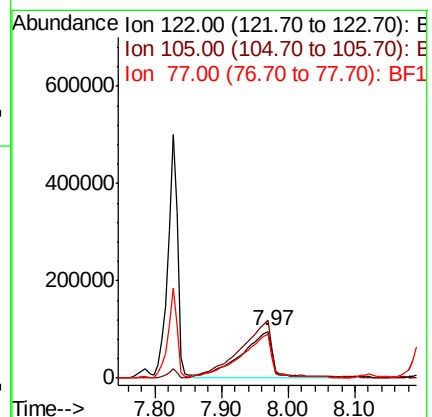
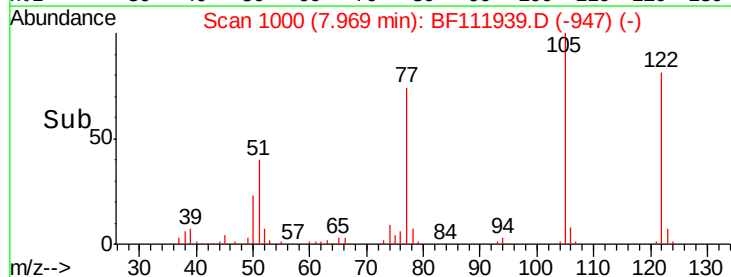
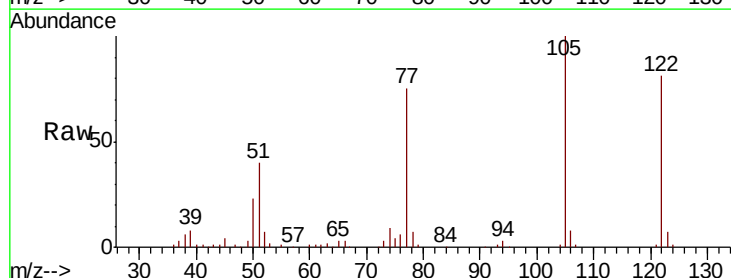
Tgt Ion:122 Resp: 313031

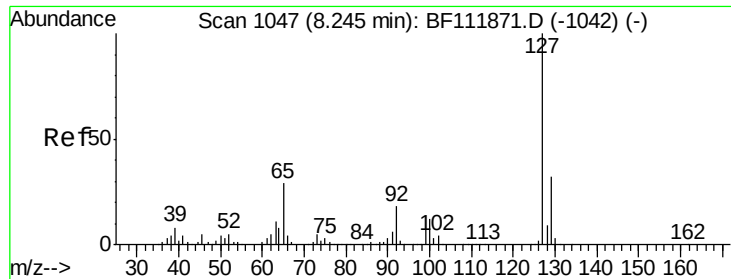
Ion Ratio Lower Upper

122 100

105 123.8 107.9 147.9

77 92.4 76.6 116.6





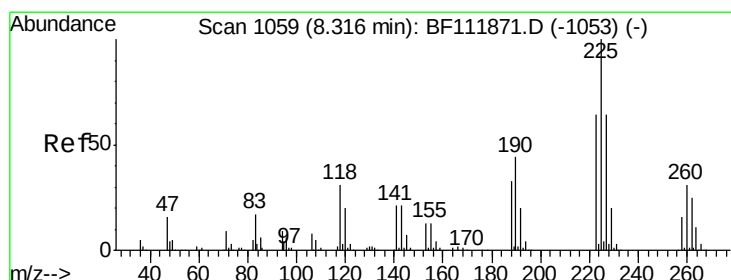
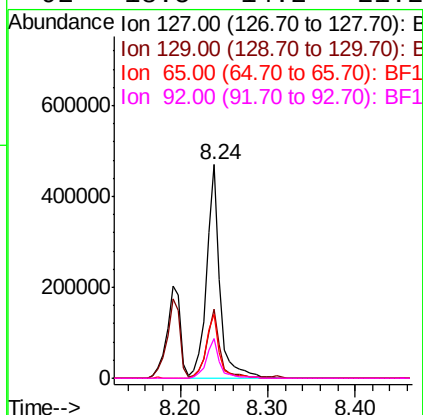
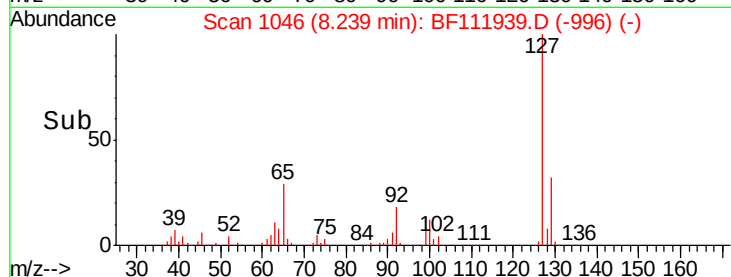
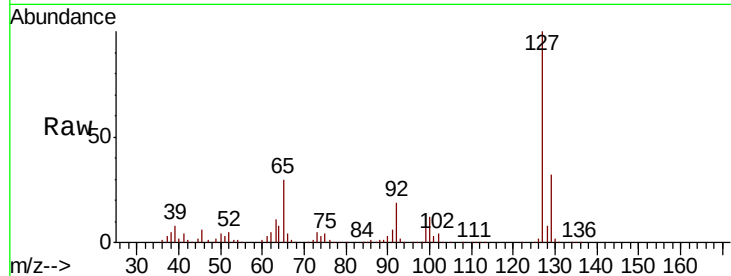
#33
4-Chloroaniline
Concen: 30.510 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.6		
65	29.7	23.5	35.3		
92	18.5	14.2	21.2		

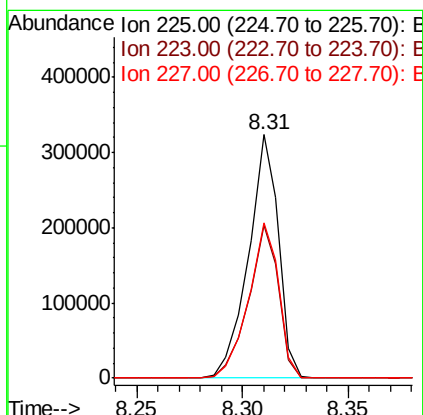
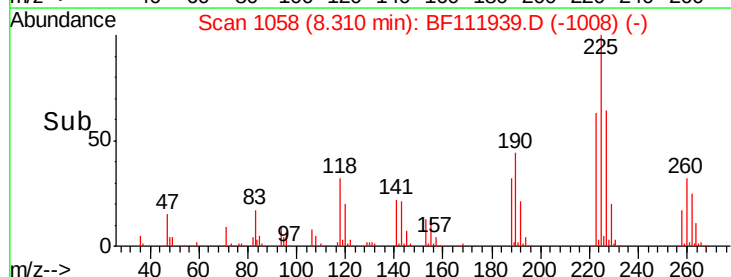
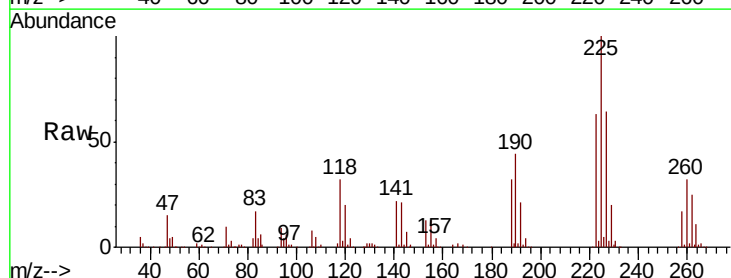
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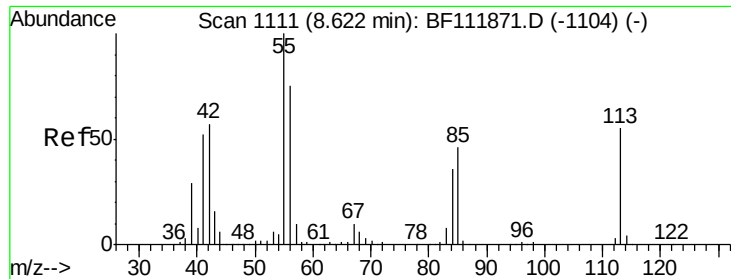
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#34
Hexachlorobutadiene
Concen: 38.015 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.9	76.3		
227	63.6	51.4	77.0		





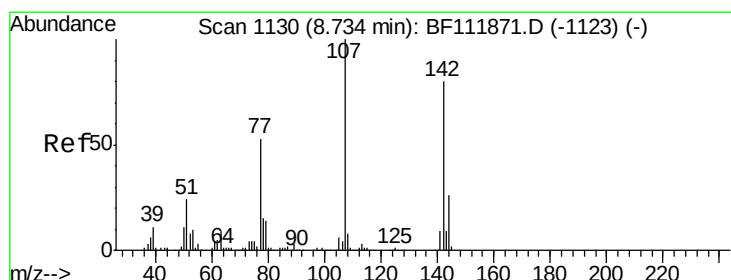
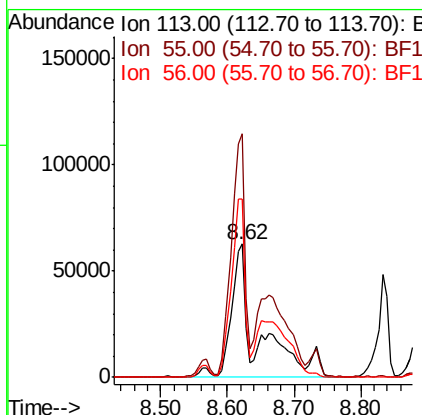
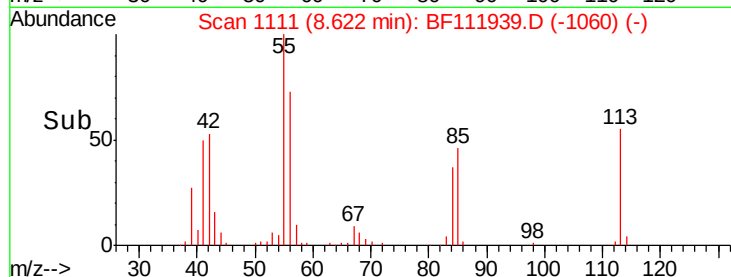
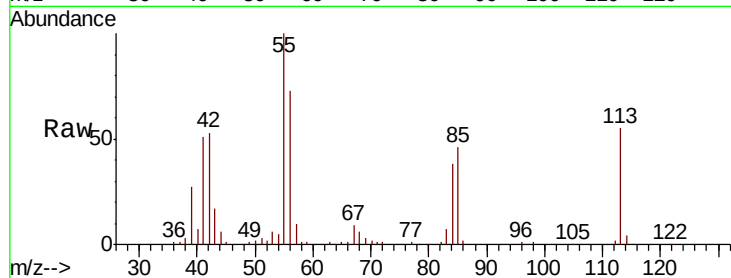
#35
 Caprolactam
 Concen: 42.540 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampleID :
 PB116192BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.9	162.0	202.0
56	134.1	116.0	156.0

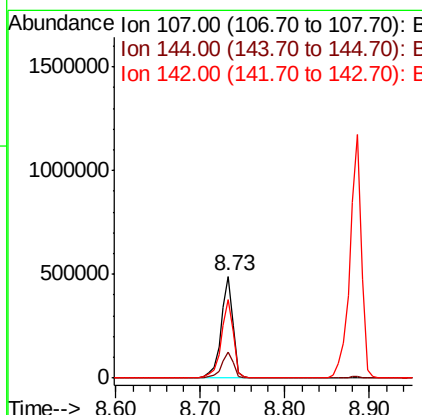
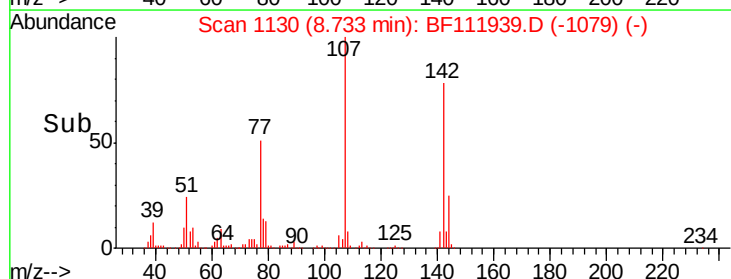
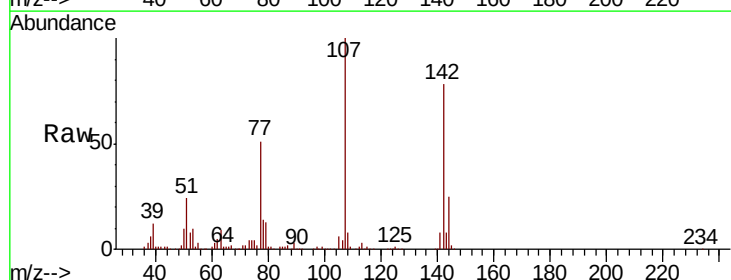
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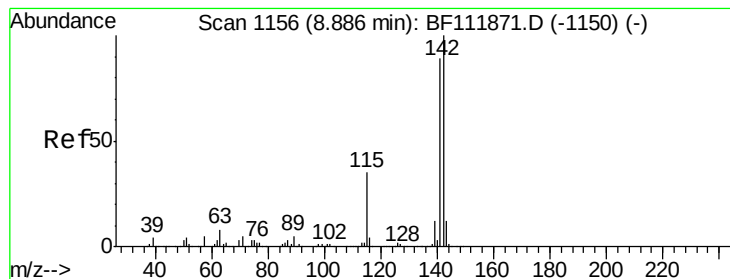
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#36
 4-Chloro-3-methylphenol
 Concen: 40.120 ng/ml
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	20.7	31.1
142	77.7	63.9	95.9





#37

2-Methylnaphthalene

Concen: 48.801 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:142 Resp: 1130907

Ion Ratio Lower Upper

142 100

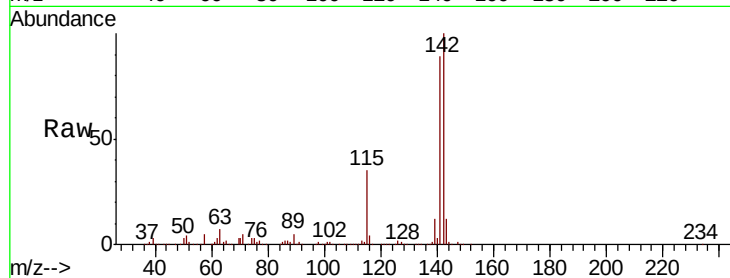
141 89.0 71.4 107.2

115 34.9 28.3 42.5

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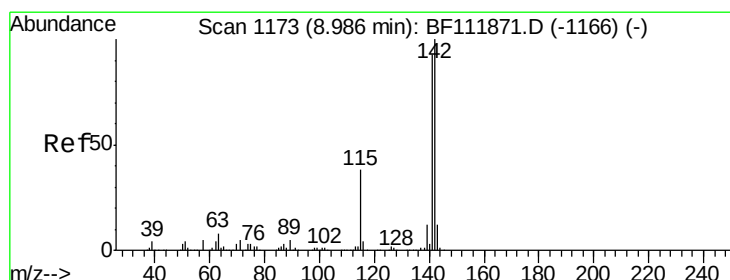
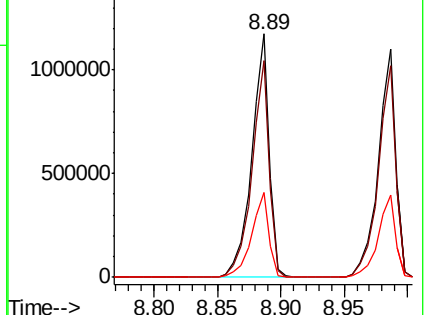
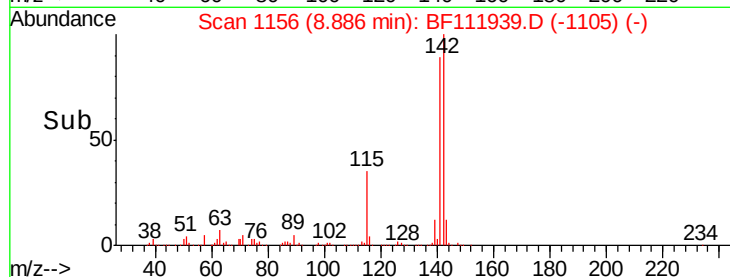


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.004 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

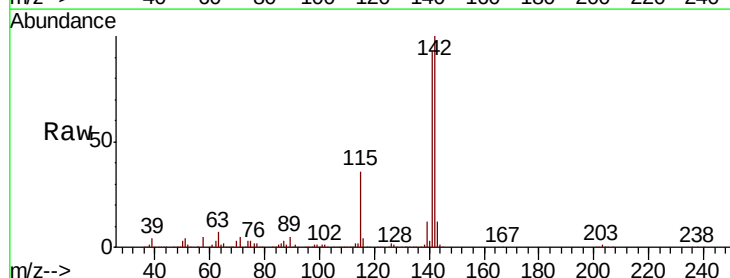
Tgt Ion:142 Resp: 1066966

Ion Ratio Lower Upper

142 100

141 92.7 74.8 112.2

116 3.8 3.1 4.7

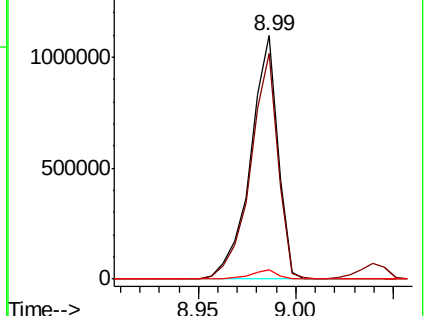
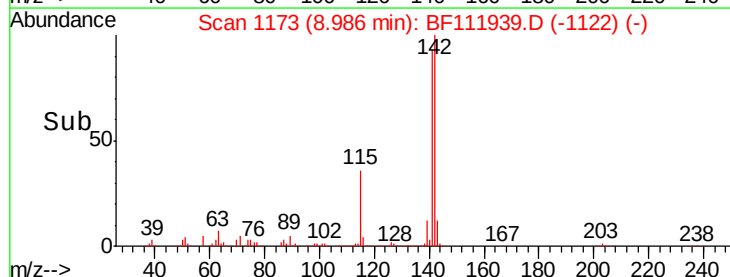


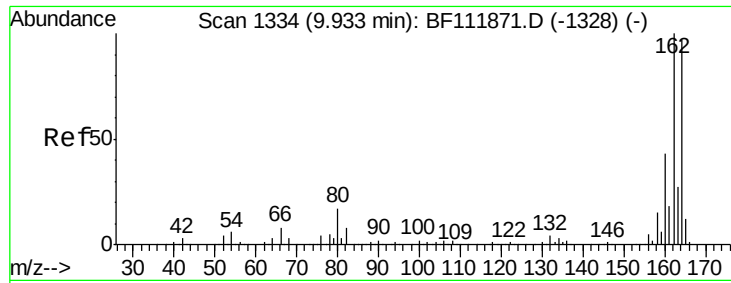
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





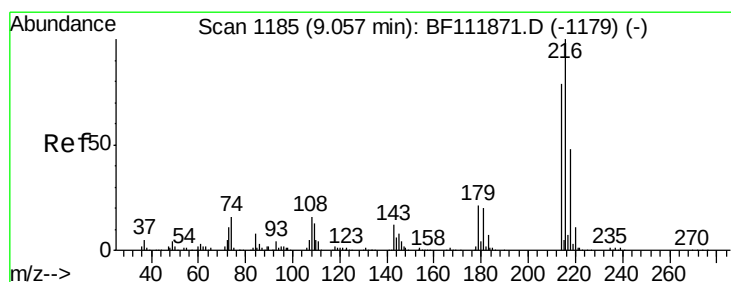
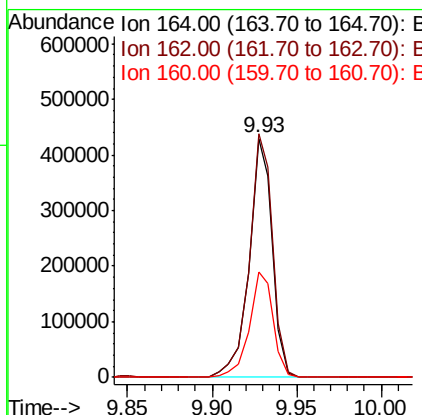
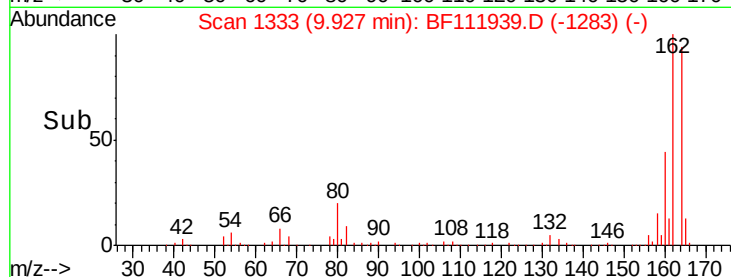
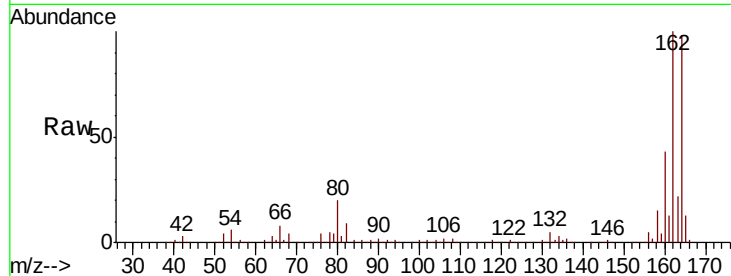
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.2	123.2	
160	44.2	35.5	53.3	

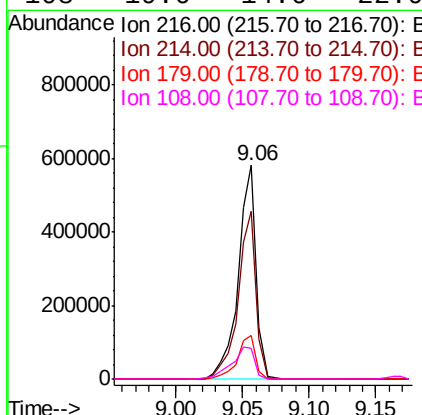
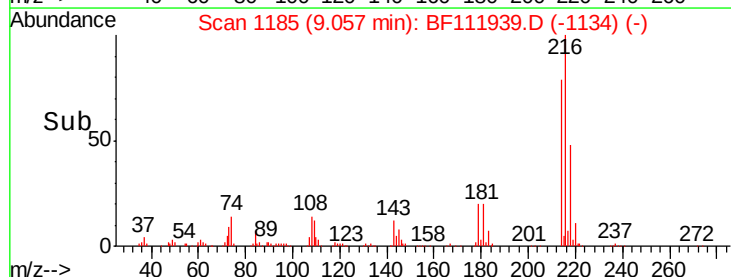
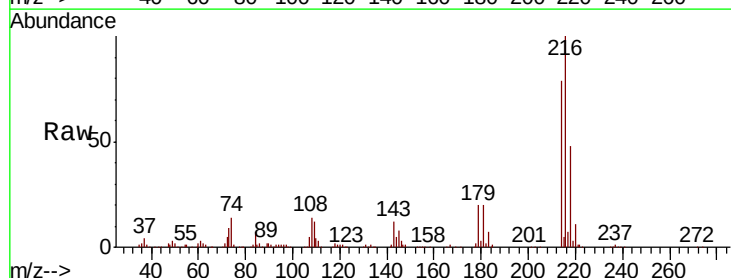
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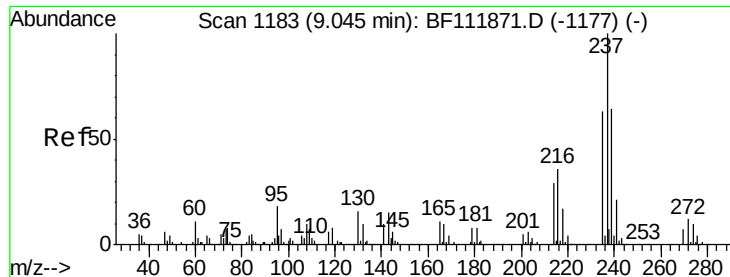
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.513 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.5	95.3	
179	20.6	17.0	25.6	
108	19.6	14.6	22.0	





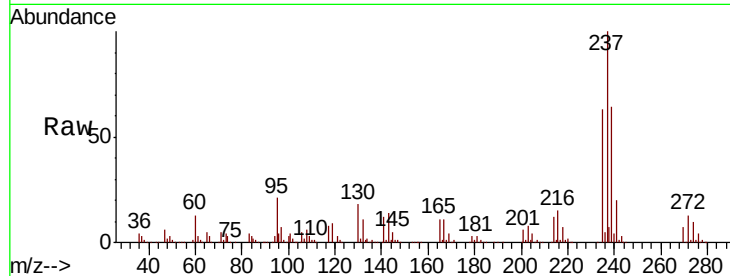
#41
Hexachlorocyclopentadiene
Concen: 87.436 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

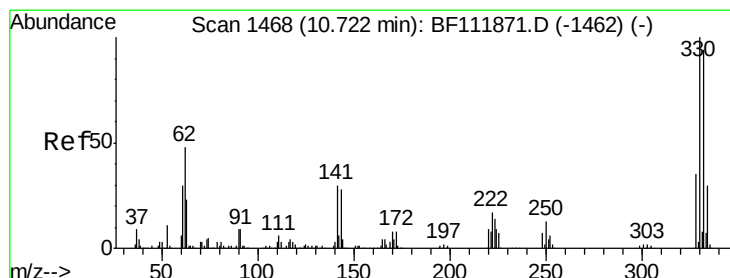
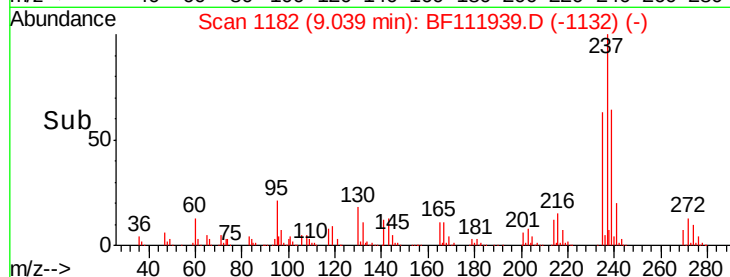
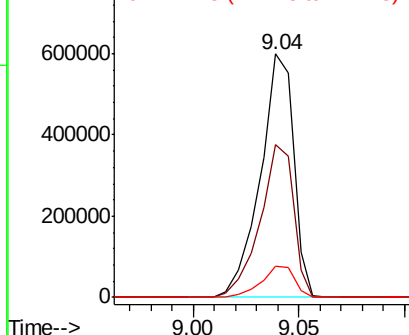
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	42.6	82.6
272	12.6	0.0	32.3

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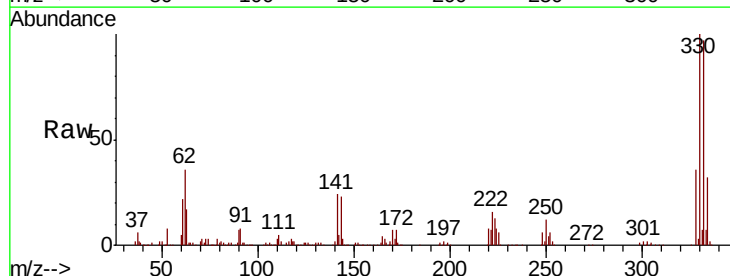


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

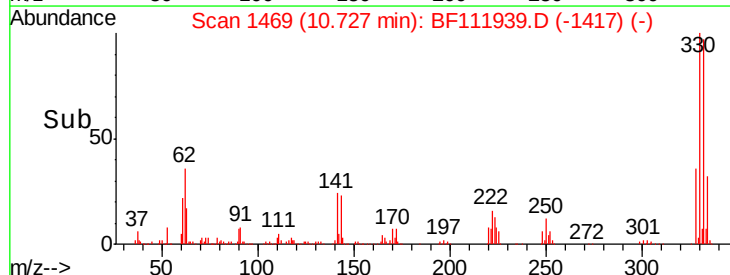
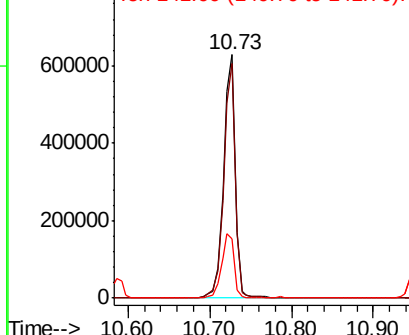


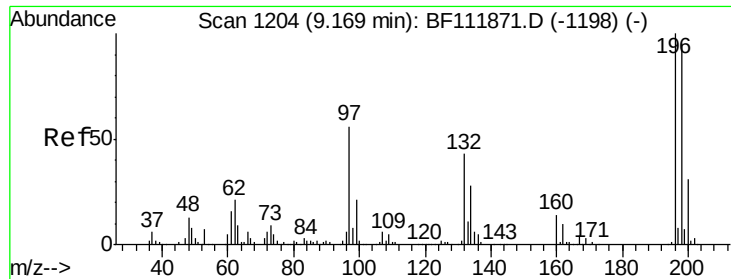
#42
2,4,6-Tribromophenol
Concen: 116.762 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	76.9	115.3
141	28.5	23.7	35.5



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





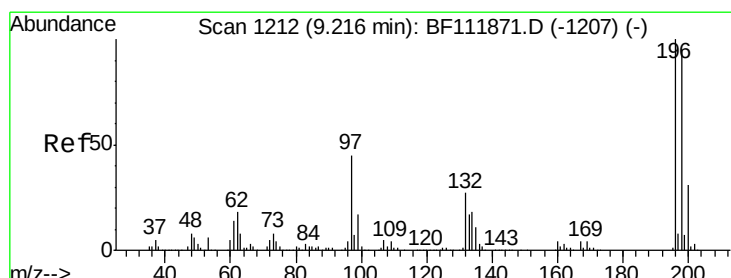
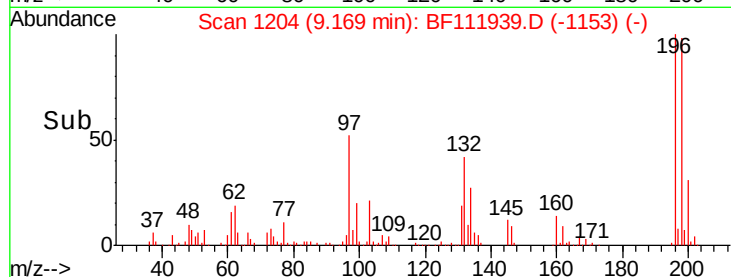
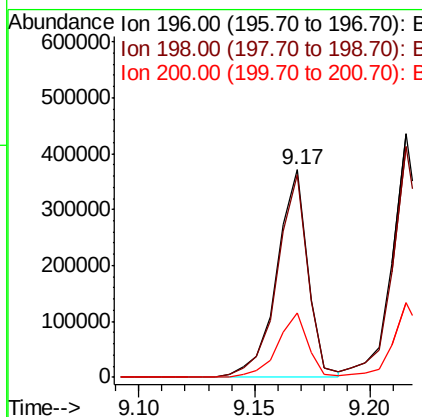
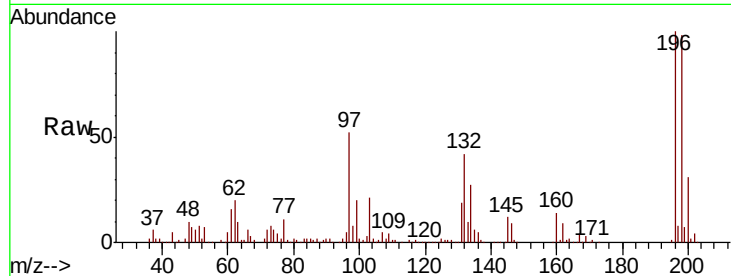
#43
 2,4,6-Trichlorophenol
 Concen: 38.977 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampled :
 PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	345352		
198	97.6	75.8	113.8	
200	31.1	24.5	36.7	

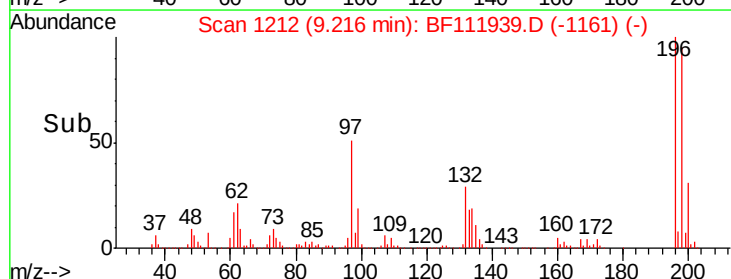
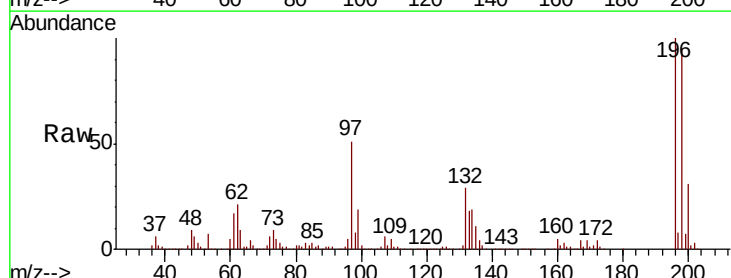
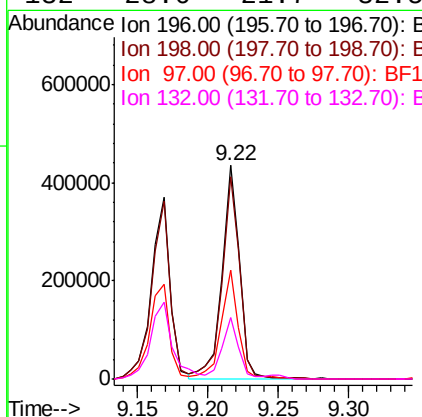
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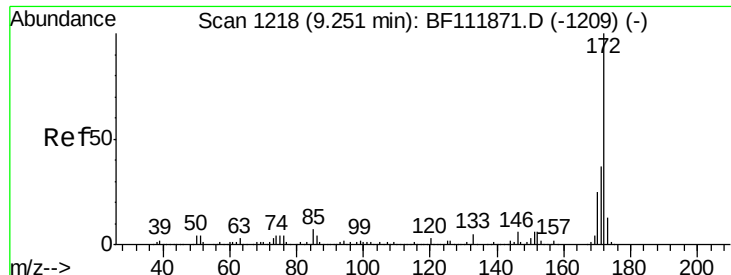
Sohil
 1/10/2019 11:45:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.503 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	376000		
198	94.8	76.2	114.2	
97	50.8	36.4	54.6	
132	28.6	21.7	32.5	





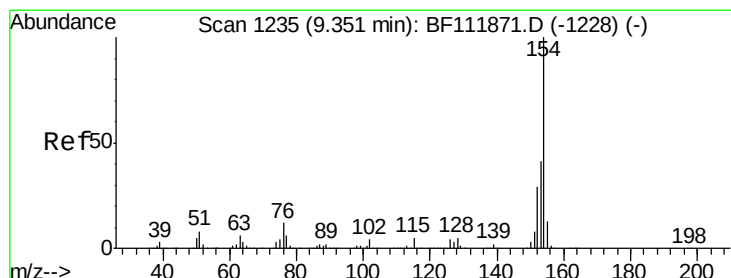
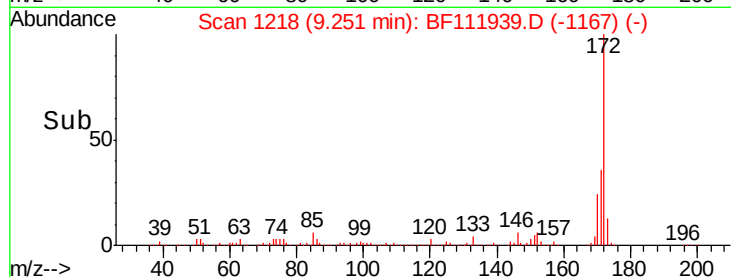
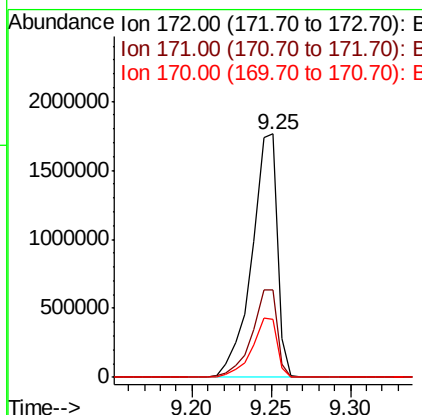
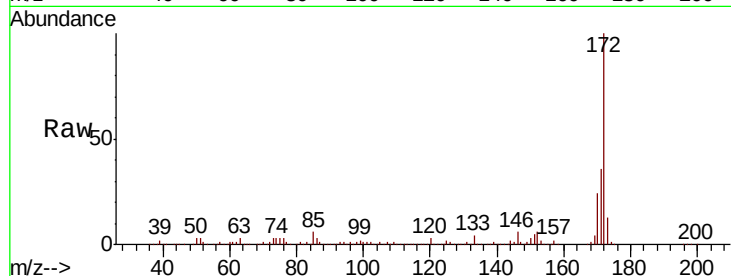
#45
2-Fluorobiphenyl
Concen: 70.620 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.9	19.8	29.8

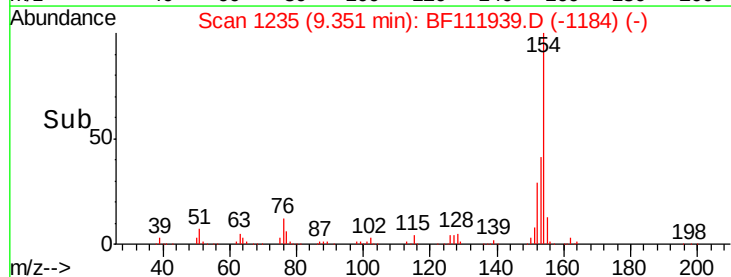
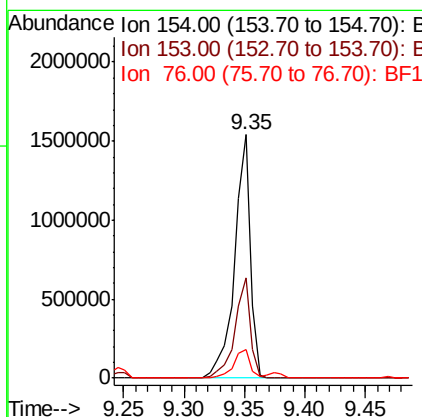
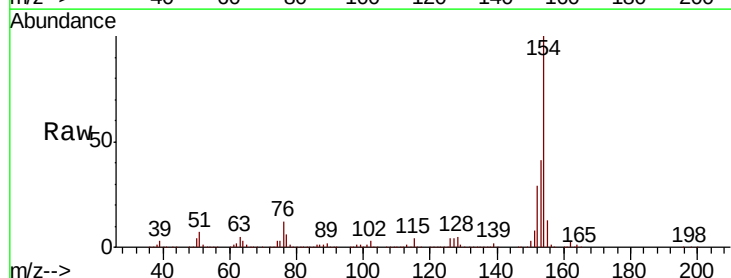
Manual Integrations
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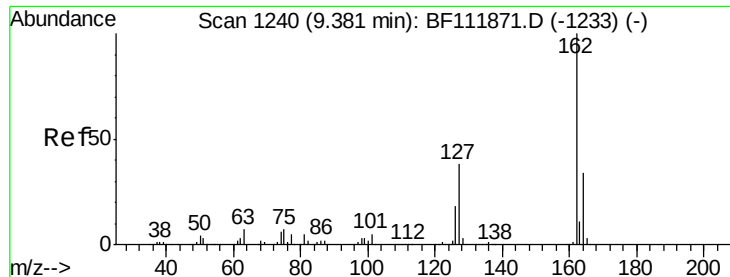
Sohil
1/10/2019 11:45:40 AM



#46
1,1'-Biphenyl
Concen: 40.833 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.3	61.3
76	11.9	0.0	32.3





#47

2-Chloronaphthalene

Concen: 40.601 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:162 Resp: 1092188

Ion Ratio Lower Upper

162 100

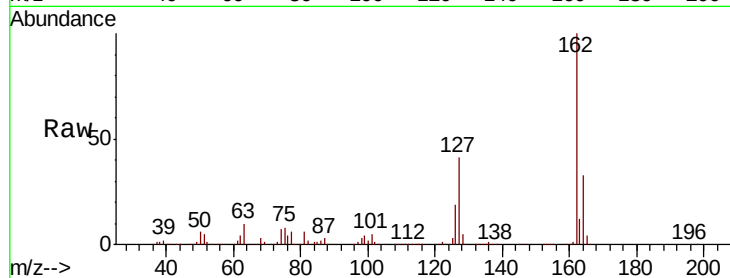
127 40.8 31.2 46.8

164 33.1 27.0 40.6

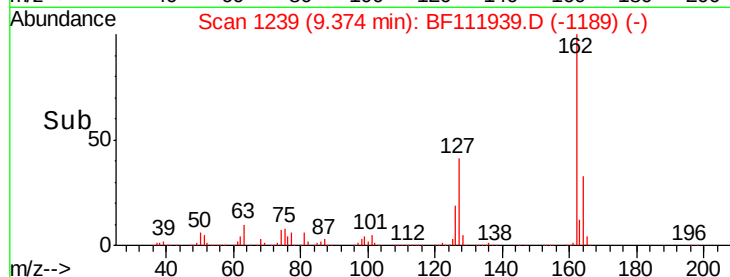
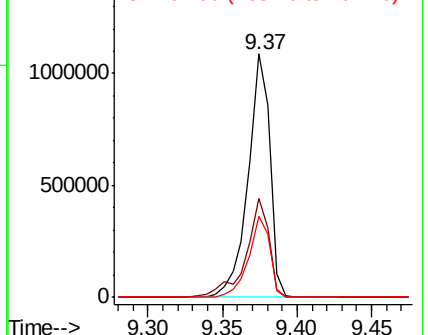
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.176 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

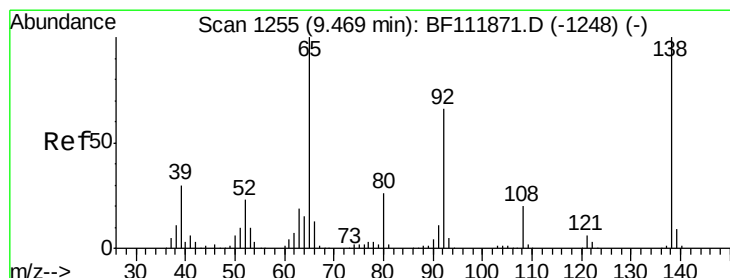
Tgt Ion: 65 Resp: 338650

Ion Ratio Lower Upper

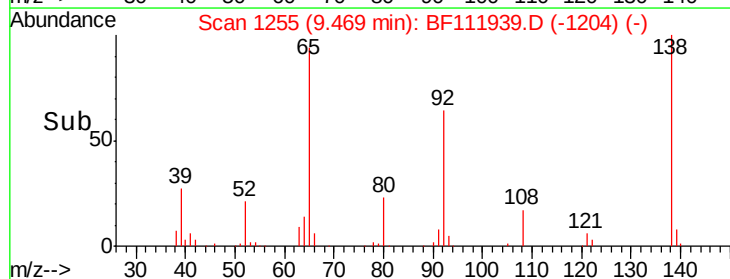
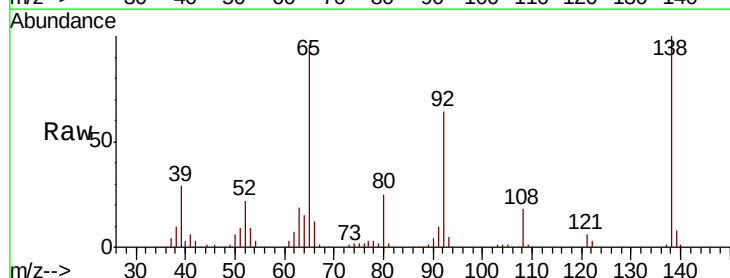
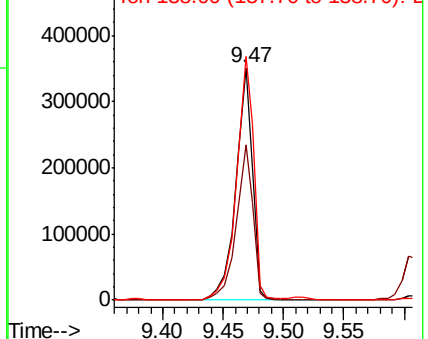
65 100

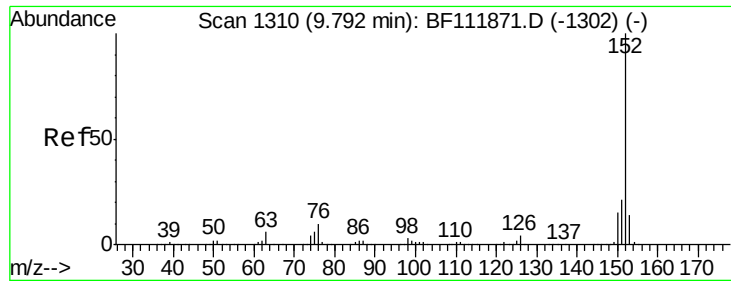
92 66.6 52.5 78.7

138 104.7 79.8 119.6



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





#49

Acenaphthylene

Concen: 43.419 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:152 Resp: 1726795

Ion Ratio Lower Upper

152 100

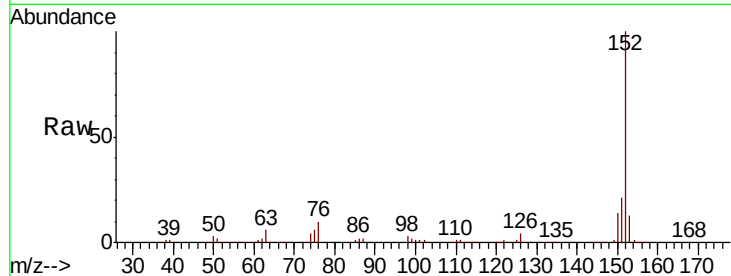
151 20.7 16.6 25.0

153 13.4 11.0 16.4

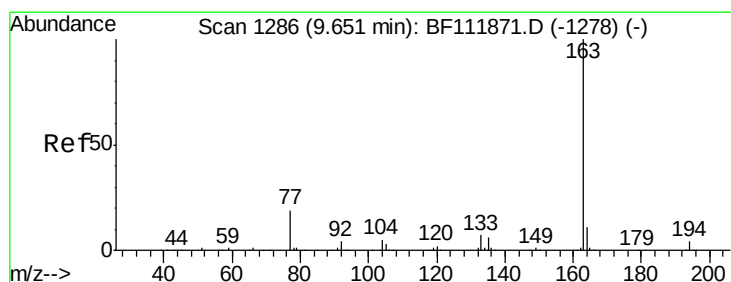
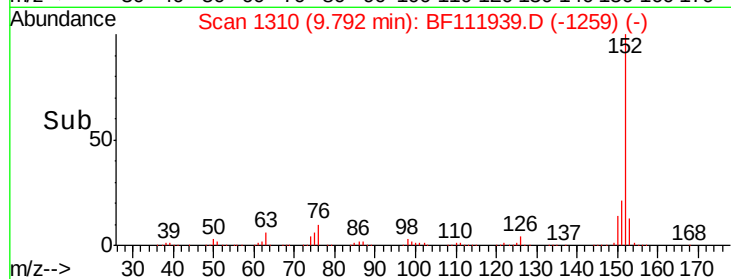
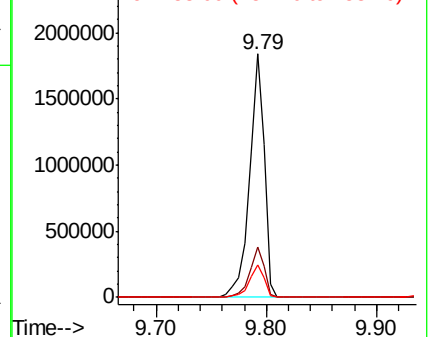
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.449 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

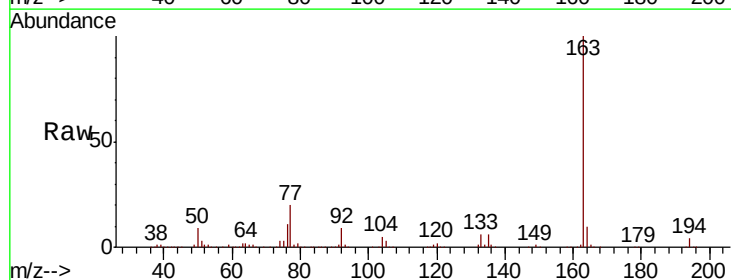
Tgt Ion:163 Resp: 1183500

Ion Ratio Lower Upper

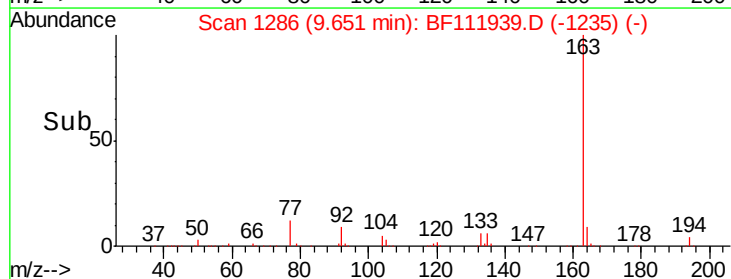
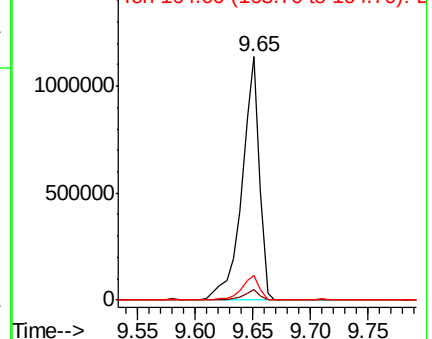
163 100

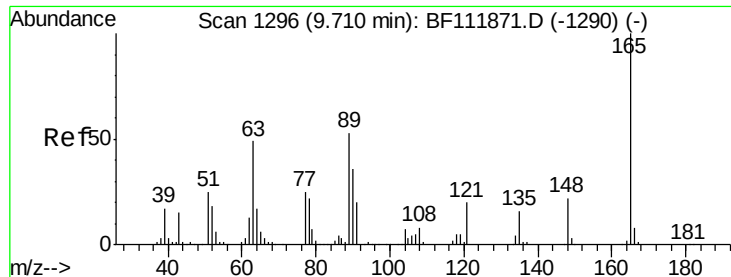
194 4.3 3.4 5.2

164 10.1 8.5 12.7



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





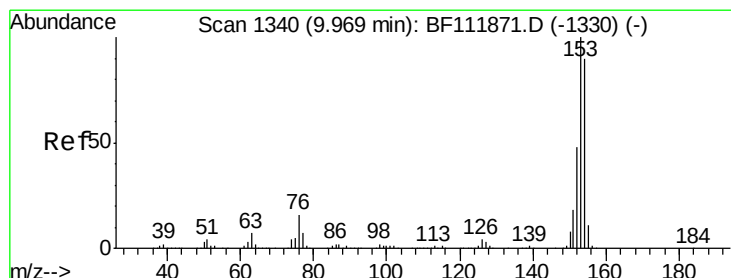
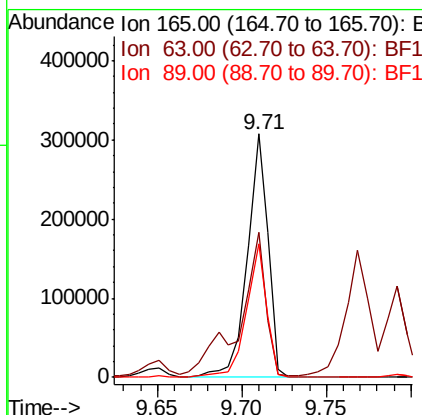
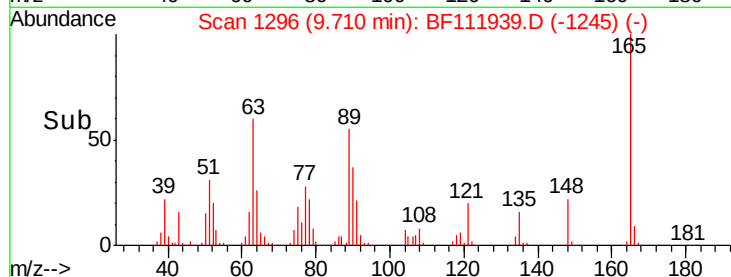
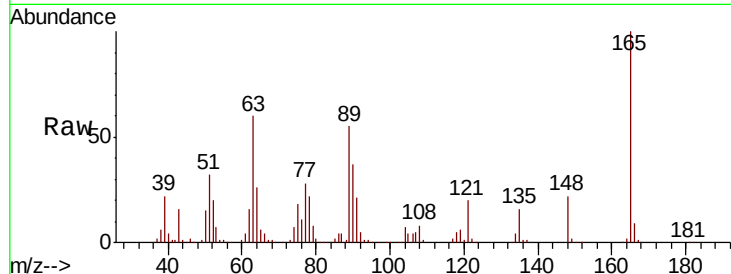
#51
 2,6-Dinitrotoluene
 Concen: 38.654 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	266070		
63	59.8		46.2	69.2
89	55.1		42.2	63.2

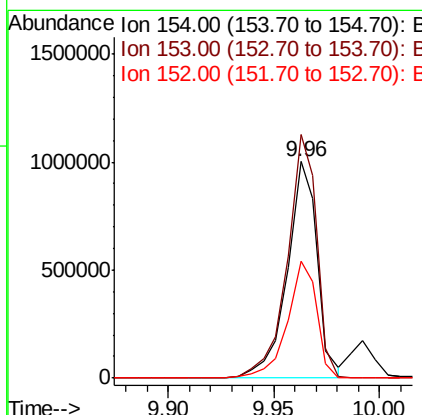
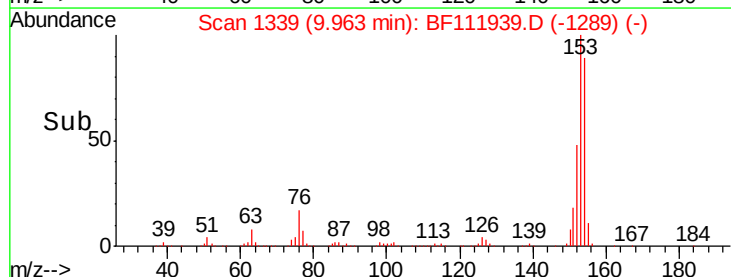
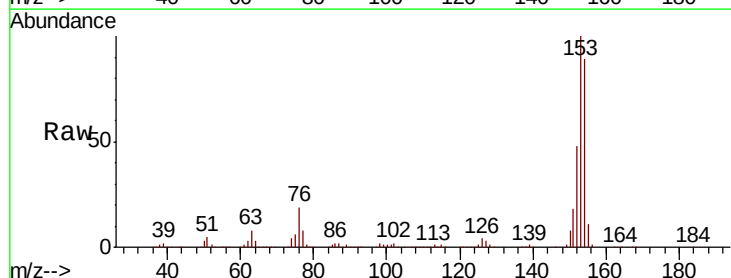
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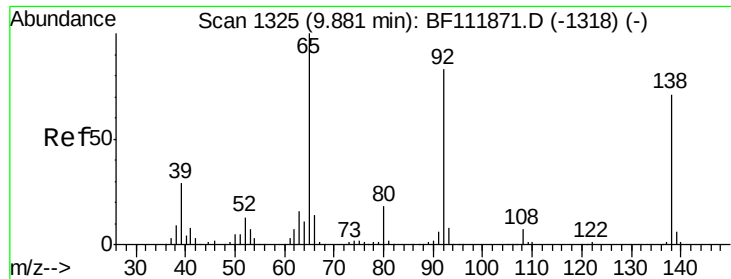
Sohil
 1/10/2019 11:45:40 AM



#52
 Acenaphthene
 Concen: 38.859 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	996313		
153	112.4		89.4	134.0
152	53.7		43.1	64.7





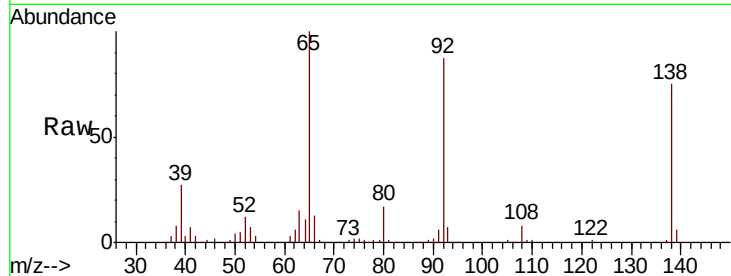
#53
3-Nitroaniline
Concen: 31.966 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

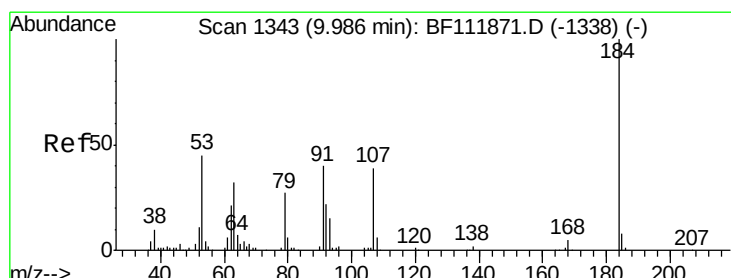
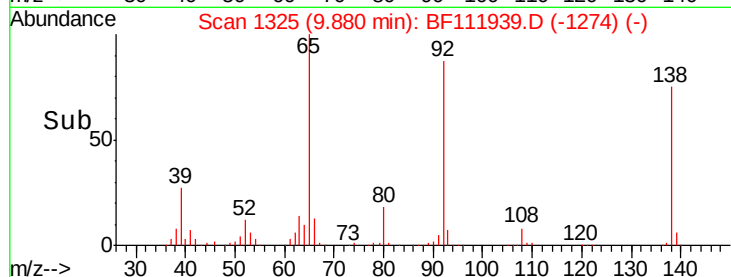
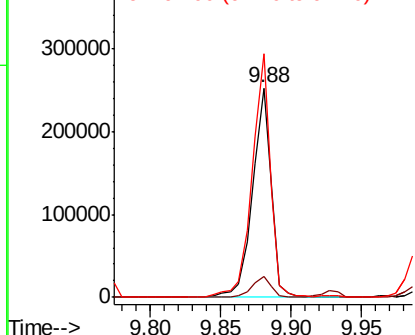
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.2	12.4
92	116.2	93.5	140.3

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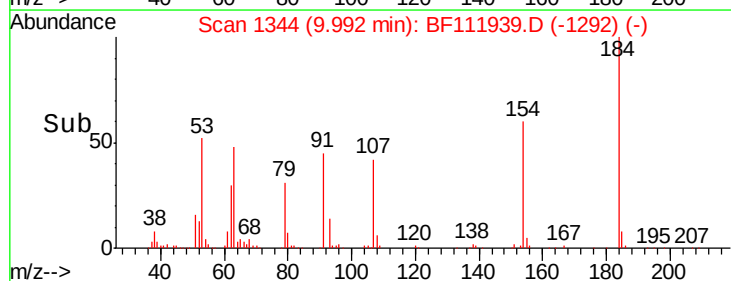
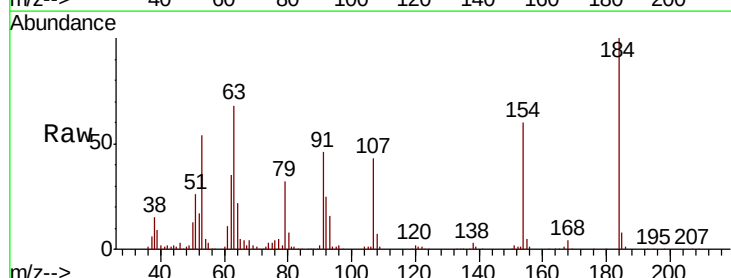
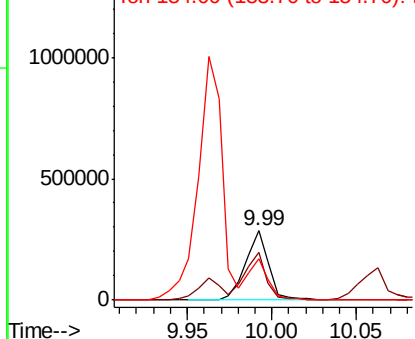
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

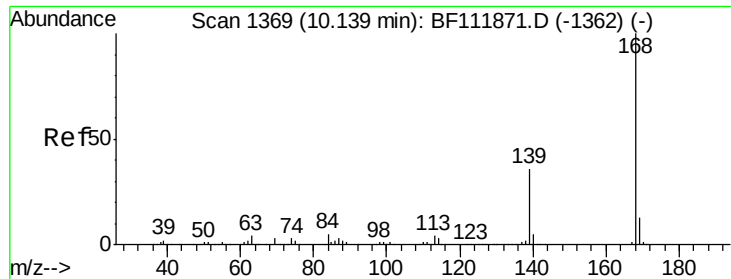


#54
2,4-Dinitrophenol
Concen: 94.441 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	46.9	70.3
154	60.0	46.9	70.3

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





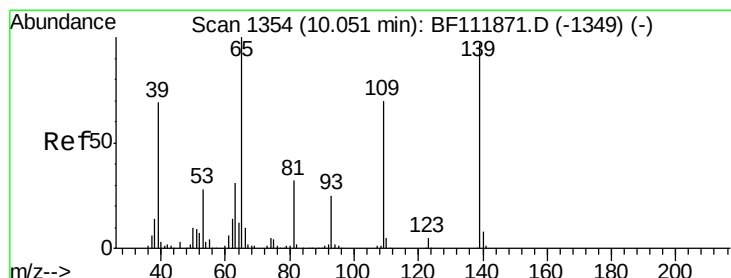
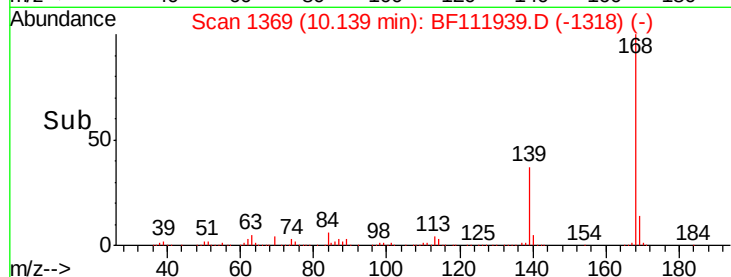
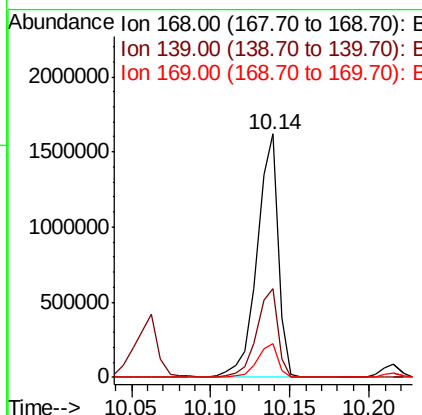
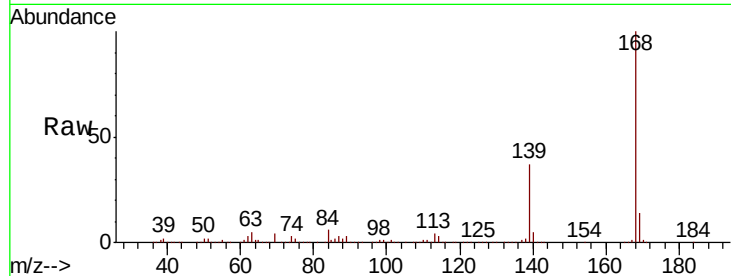
#55
Dibenzenofuran
Concen: 40.389 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion:168 Resp: 1505982
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 13.6 10.6 16.0

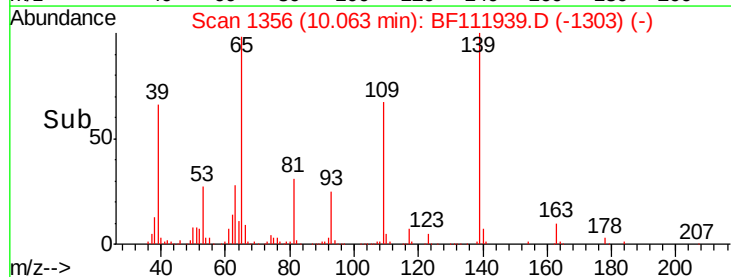
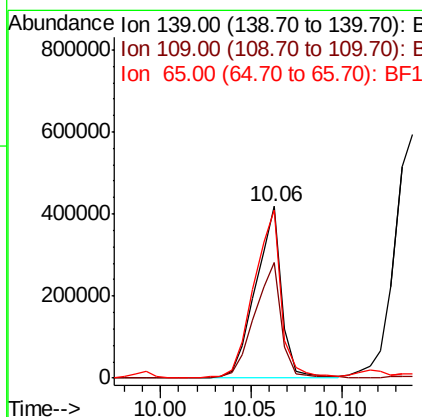
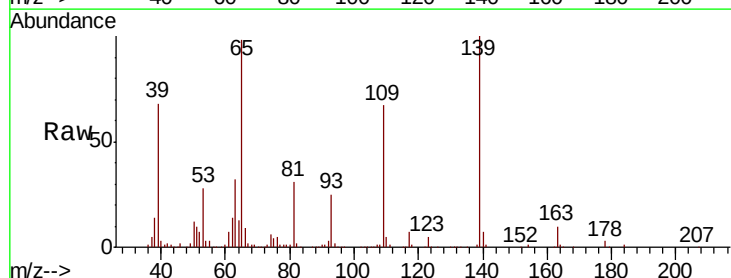
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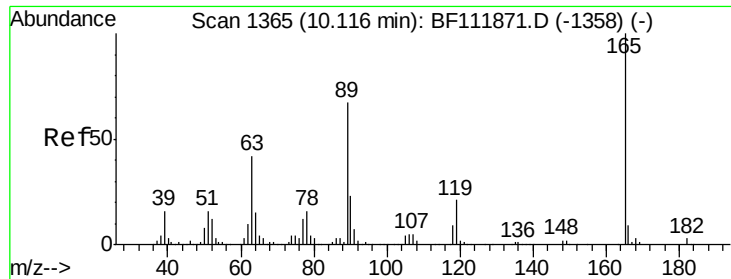
Sohil
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#56
4-Nitrophenol
Concen: 80.580 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion:139 Resp: 419698
Ion Ratio Lower Upper
139 100
109 67.2 52.2 92.2
65 98.1 83.1 123.1





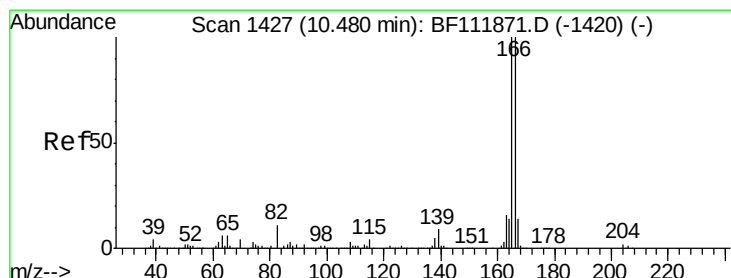
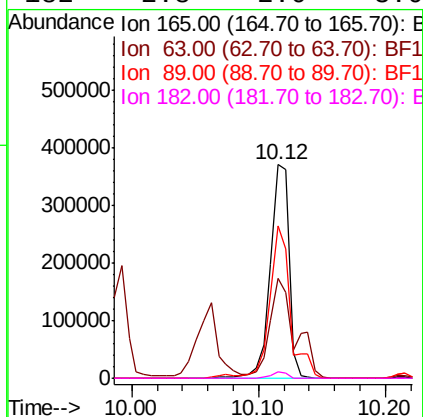
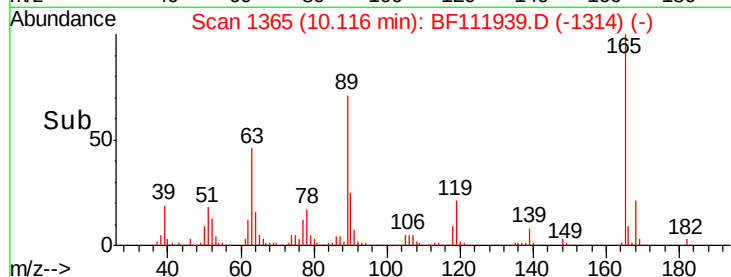
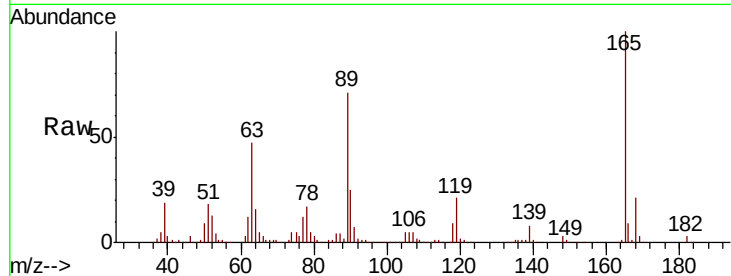
#57
2,4-Dinitrotoluene
Concen: 42.673 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	379543		
63	46.6	34.1	51.1	
89	71.1	53.5	80.3	
182	2.8	2.0	3.0	

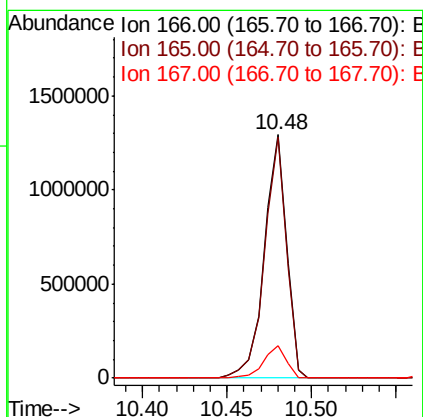
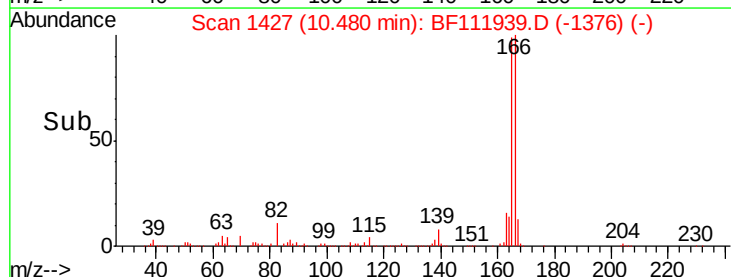
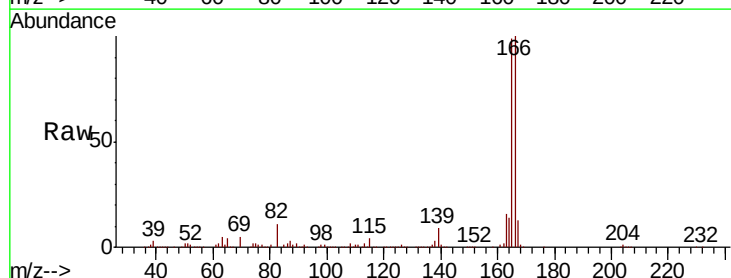
Manual Integrations
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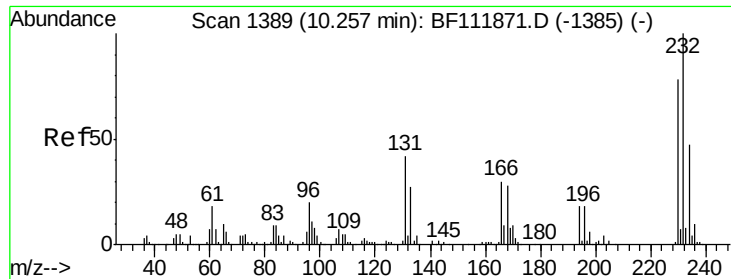
Sohil
1/10/2019 11:45:40 AM



#58
Fluorene
Concen: 43.512 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1180560		
165	99.1	79.7	119.5	
167	13.5	11.1	16.7	





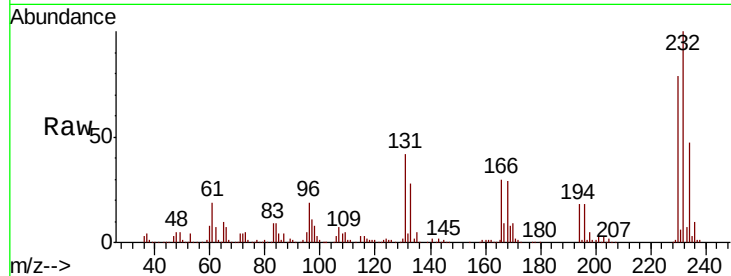
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.874 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion:	232	Resp:	343167
Ion Ratio	Lower	Upper	
232	100		
131	40.4	34.0	51.0
130	2.0	1.6	2.4
166	28.3	23.4	35.0

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Sohil
1/10/2019 11:45:40 AM



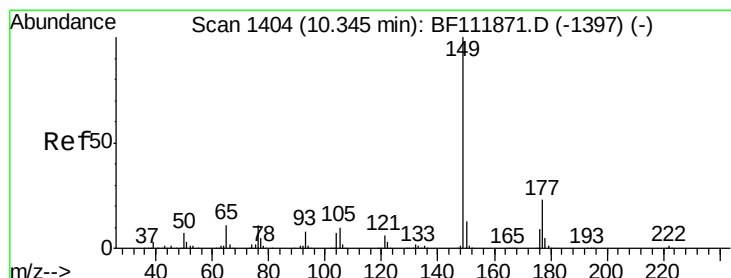
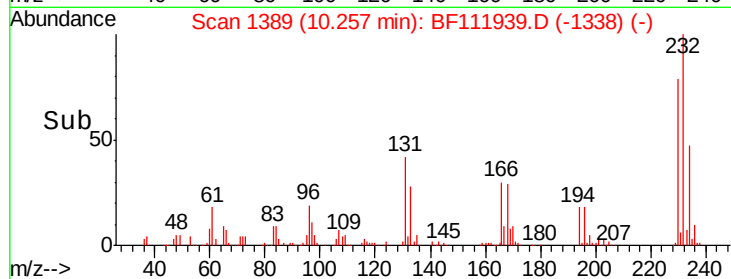
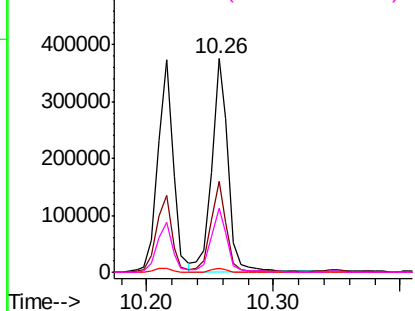
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

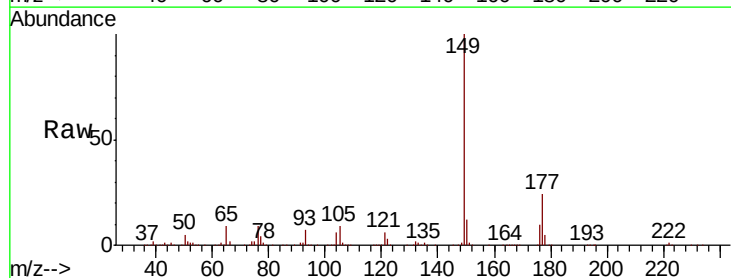
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.414 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion:	149	Resp:	1203866
Ion Ratio	Lower	Upper	
149	100		
177	24.2	18.3	27.5
150	12.3	10.2	15.4

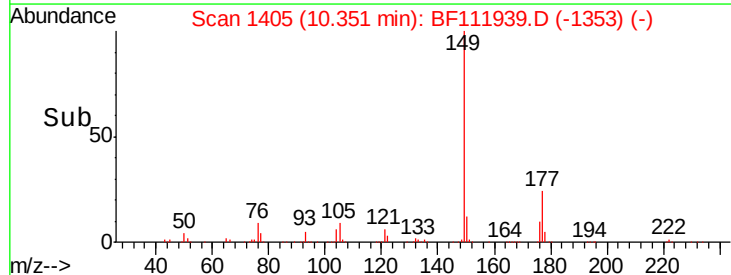
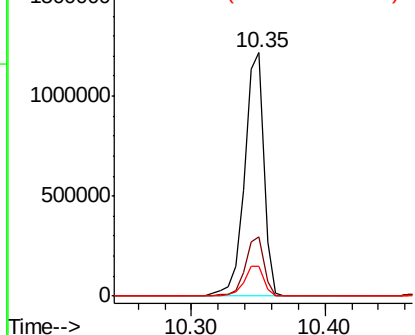


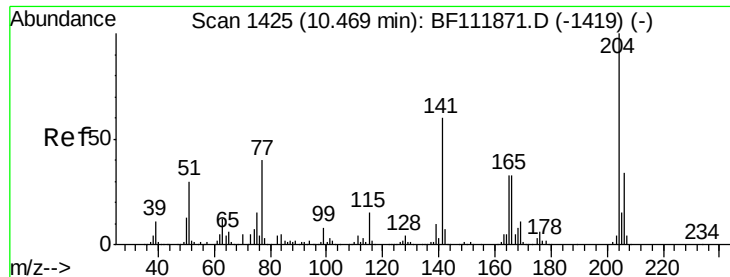
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





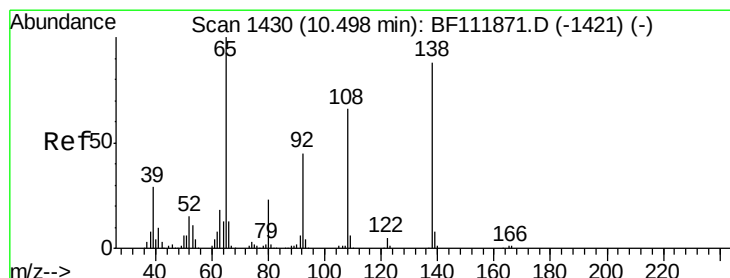
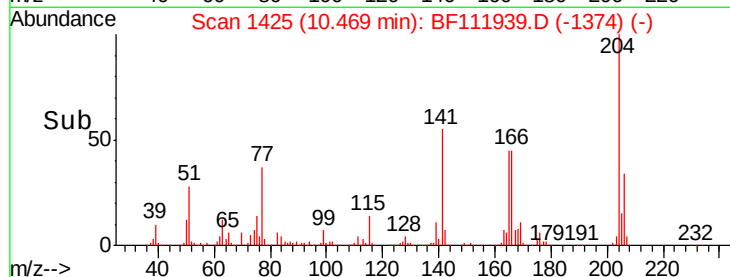
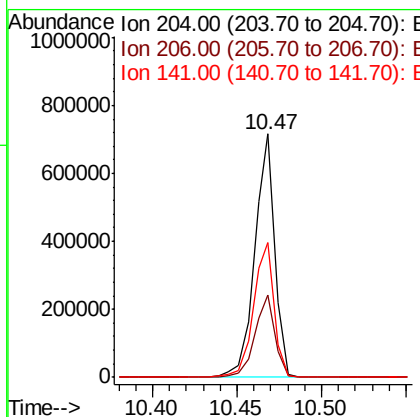
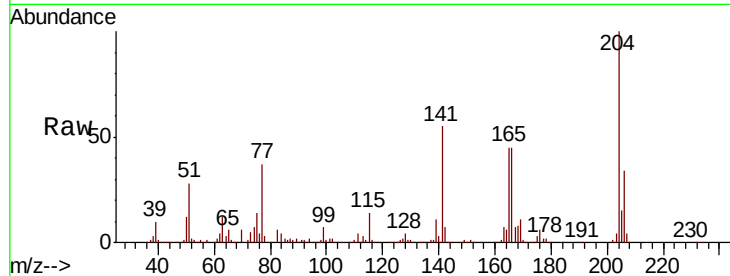
#61
4-Chlorophenyl-phenylether
Concen: 39.152 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampled :
PB116192BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.9	40.3
141	55.1	47.9	71.9

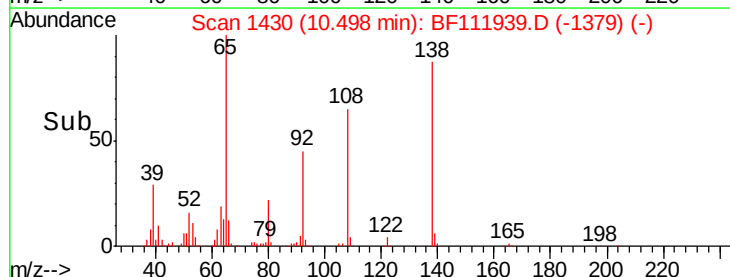
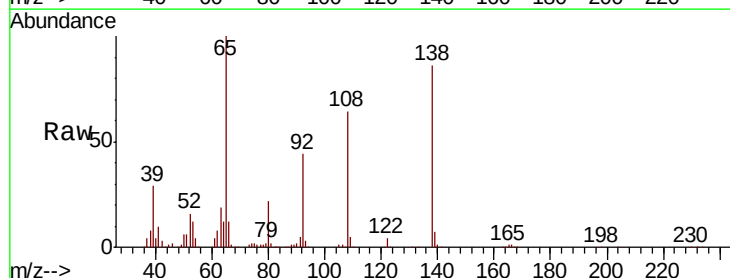
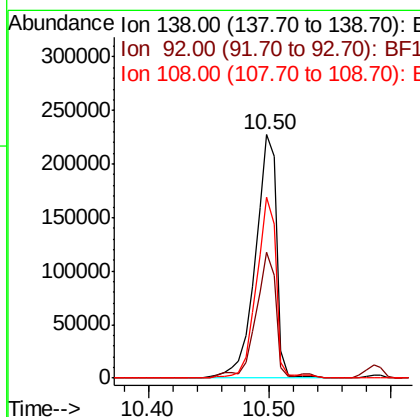
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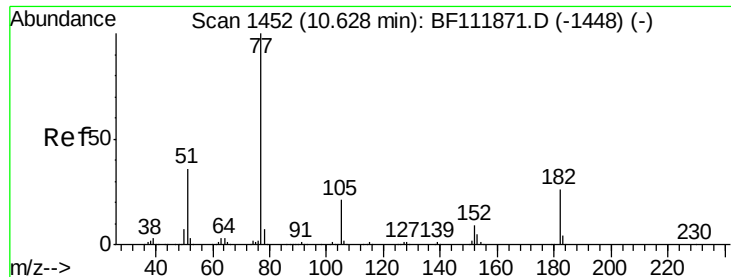
Sohil
1/10/2019 11:45:40 AM



#62
4-Nitroaniline
Concen: 39.954 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	31.0	71.0
108	74.5	54.7	94.7





#63

Azobenzene

Concen: 40.969 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion: 77 Resp: 1165835

Ion Ratio Lower Upper

77 100

182 26.1 5.7 45.7

105 21.6 0.8 40.8

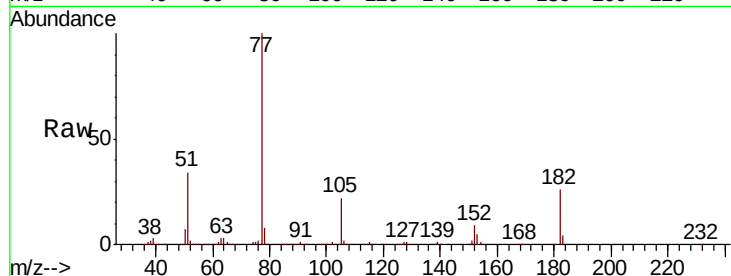
51 34.2 15.6 55.6

Manual Integrations

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Sohil

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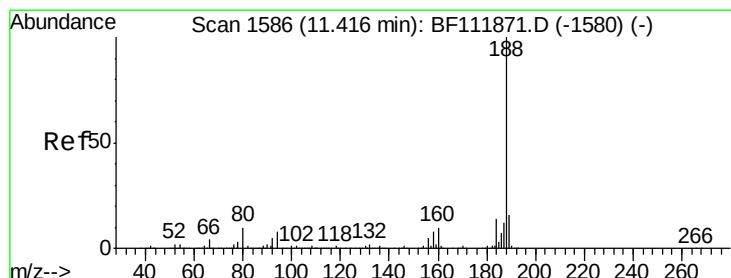
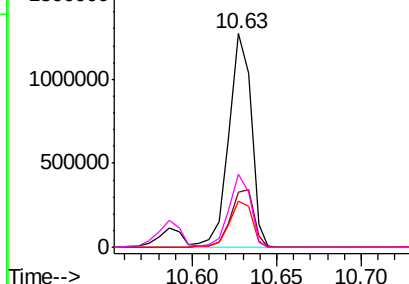
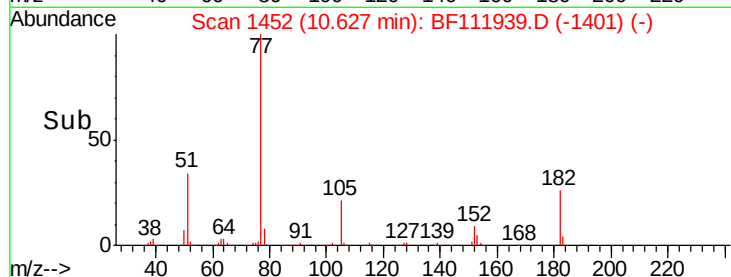


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

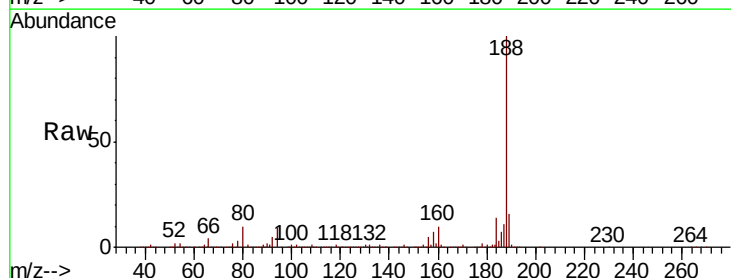
Tgt Ion: 188 Resp: 710954

Ion Ratio Lower Upper

188 100

94 9.1 6.6 10.0

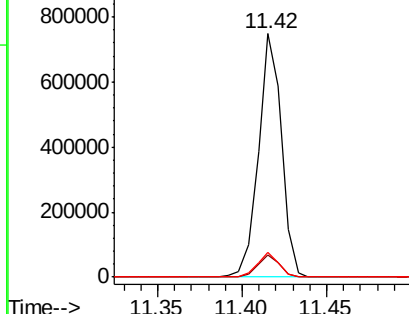
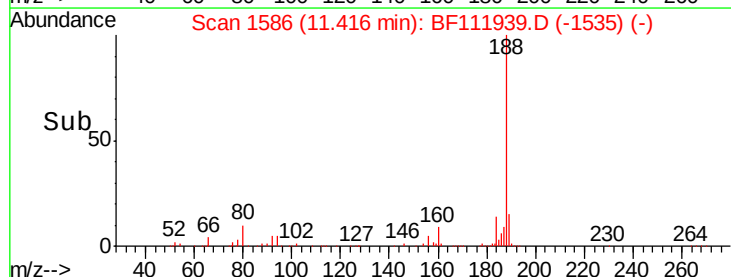
80 10.0 7.7 11.5

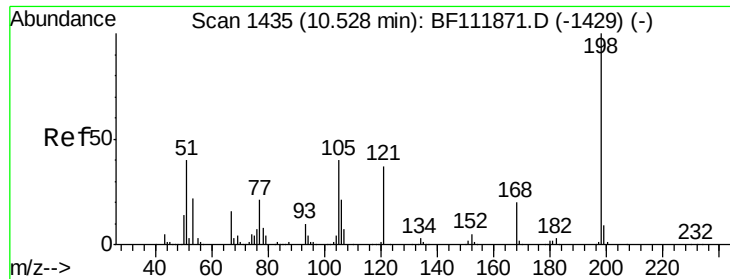


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





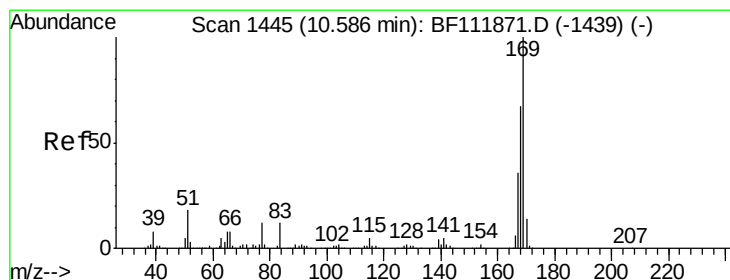
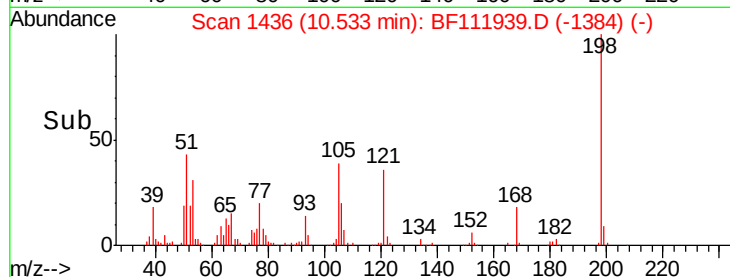
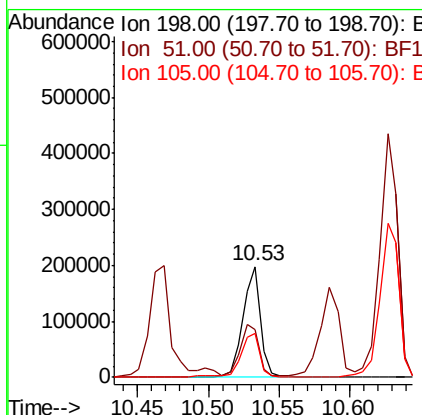
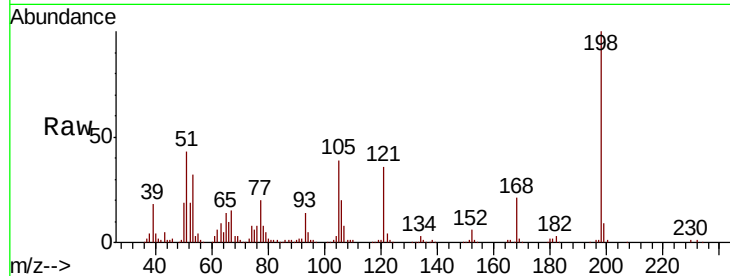
#65
4,6-Dinitro-2-methylphenol
Concen: 39.145 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	171720		
51	43.3	27.2	67.2	
105	39.3	21.0	61.0	

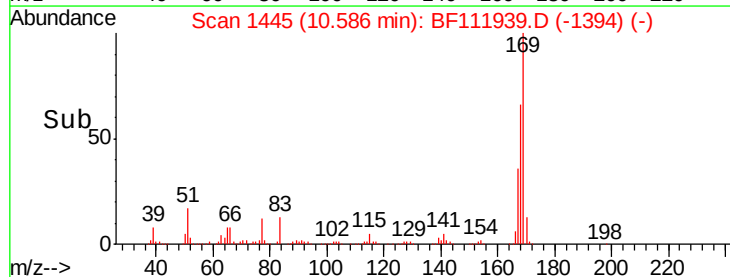
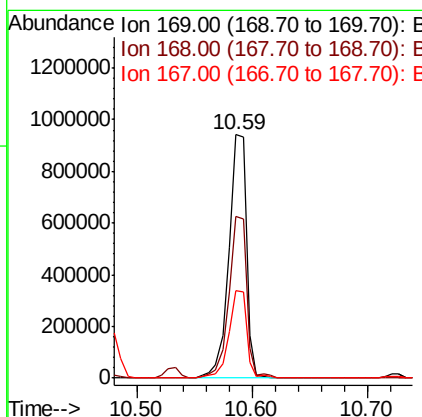
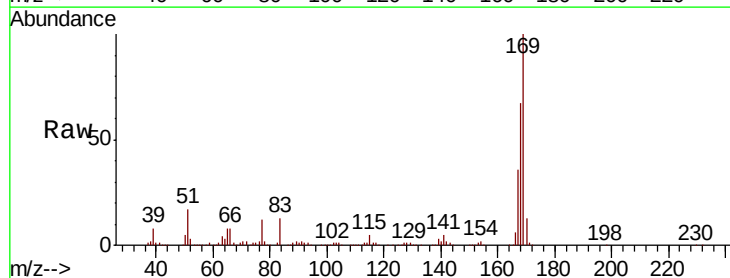
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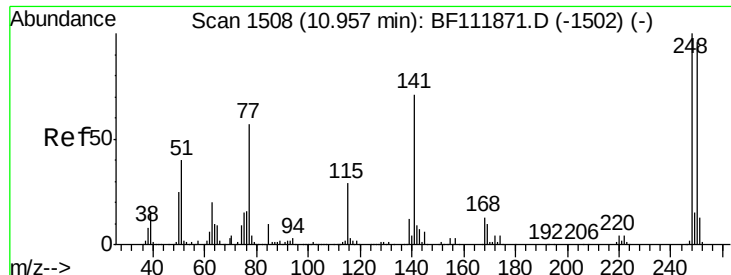
Sohil
1/10/2019 11:45:40 AM



#66
n-Nitrosodiphenylamine
Concen: 41.785 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	996913		
168	66.5	53.8	80.6	
167	36.1	29.1	43.7	





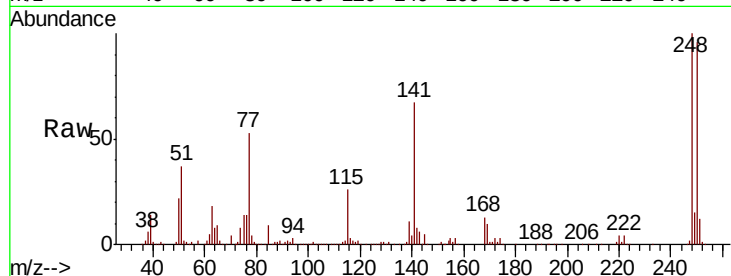
#67
4-Bromophenyl-phenylether
Concen: 42.852 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.8	115.2
141	66.8	57.0	85.6

Manual Integrations
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Sohil
1/10/2019 11:45:40 AM

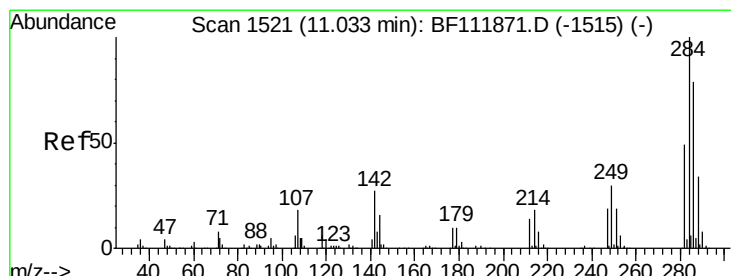
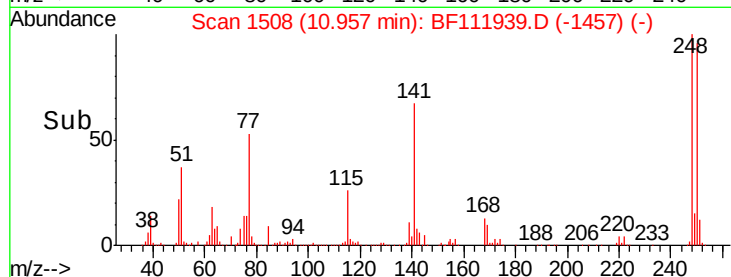
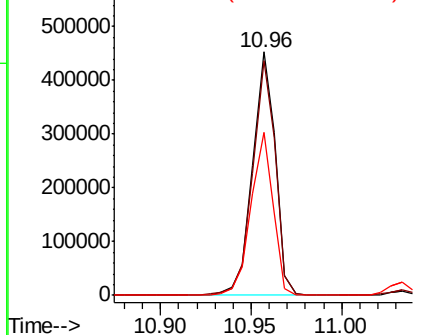


Abundance

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: 42.111 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

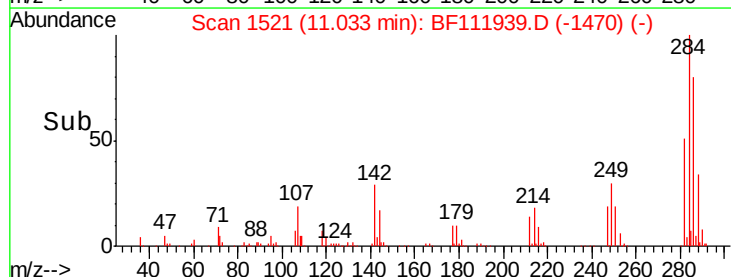
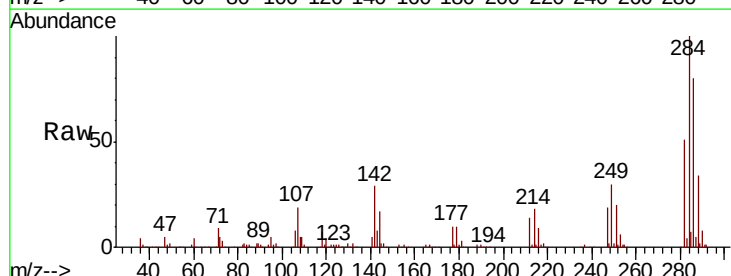
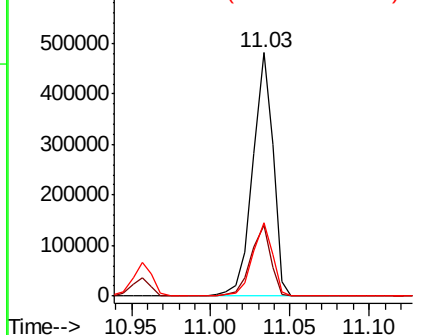
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.3	21.8	32.6
249	30.1	23.8	35.6

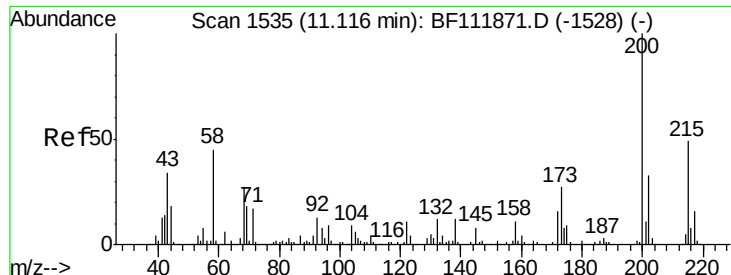
Abundance

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





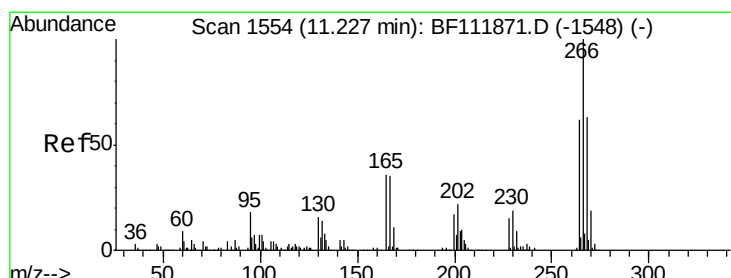
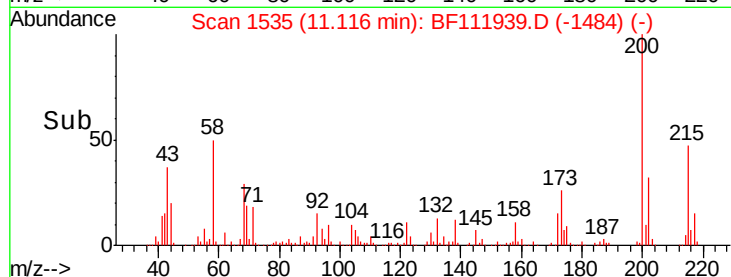
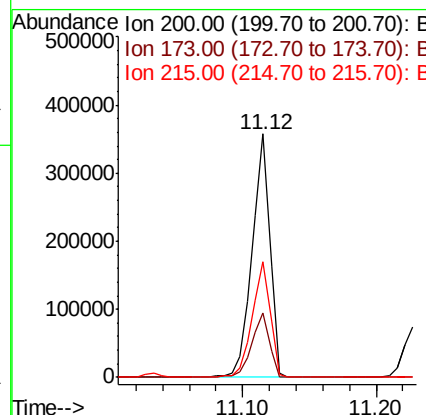
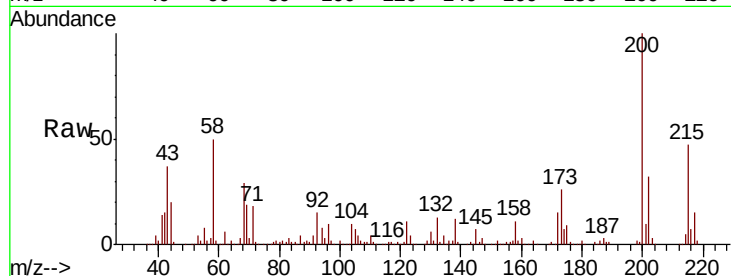
#69
Atrazine
Concen: 38.847 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.4	6.6	46.6
215	47.4	28.9	68.9

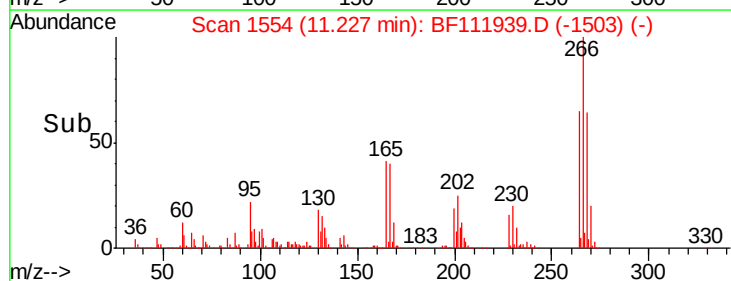
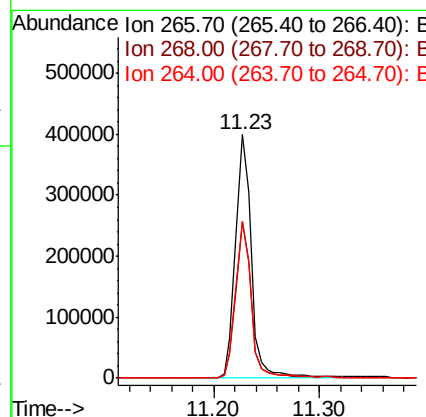
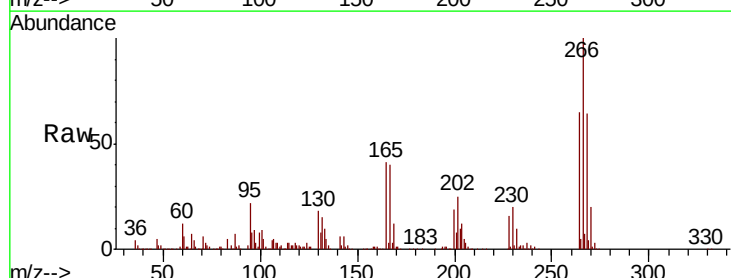
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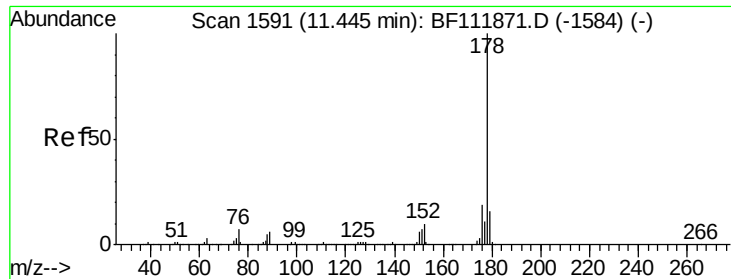
Sohil
1/10/2019 11:45:40 AM



#70
Pentachlorophenol
Concen: 71.587 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.5	50.6	76.0
264	64.5	49.3	73.9





#71

Phenanthrene

Concen: 42.462 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampled :

PB116192BS

Tot Ion:178 Resp: 1614041

Ion Ratio Lower Upper

178 100

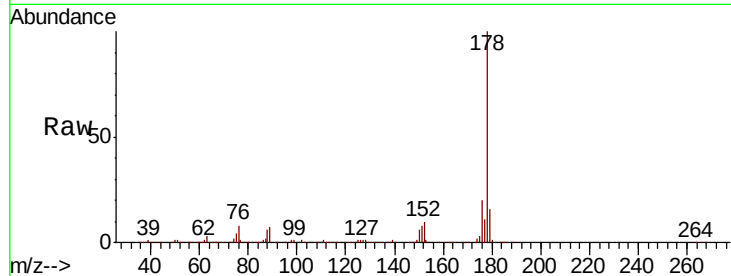
176 20.1 15.6 23.4

179 15.9 12.6 18.8

Manual Integrations
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Sohil

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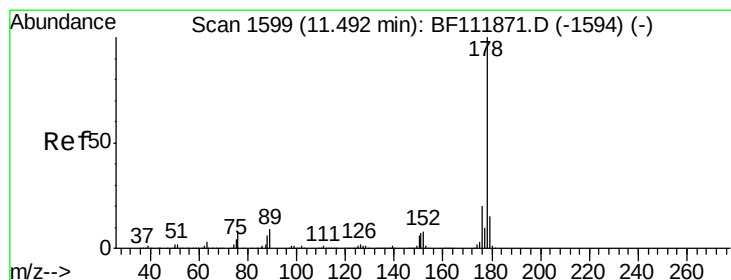
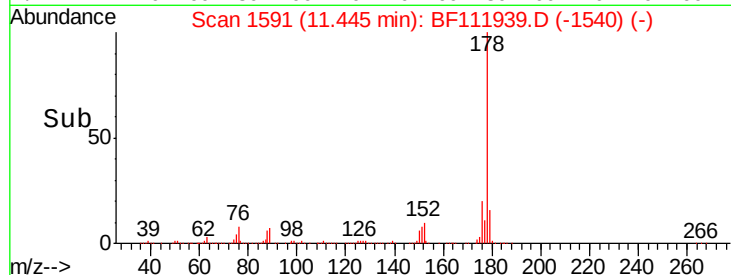
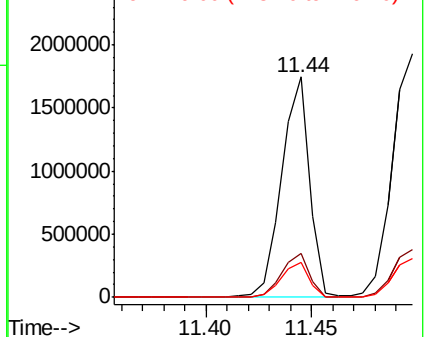


Abundance

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: 45.246 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Tgt Ion:178 Resp: 1745891

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

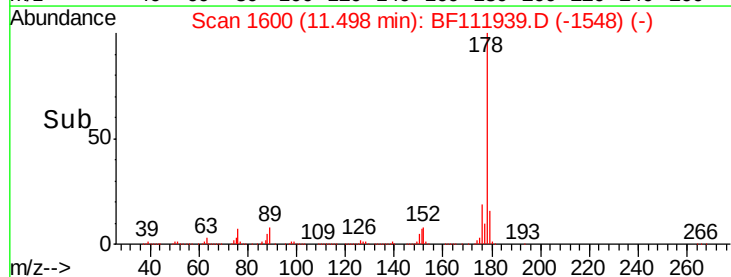
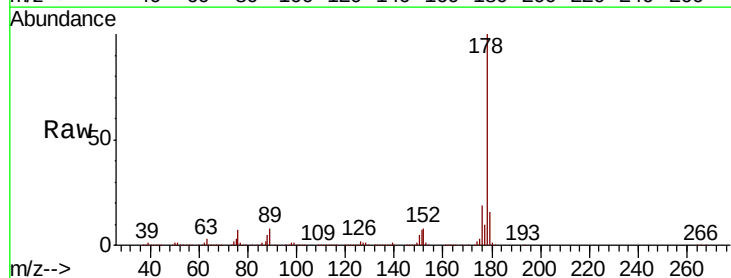
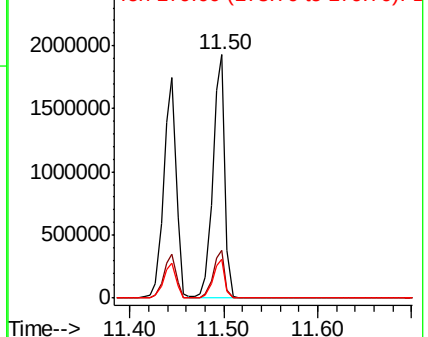
179 15.7 12.4 18.6

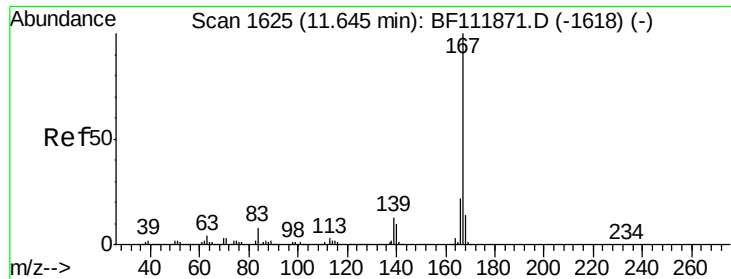
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





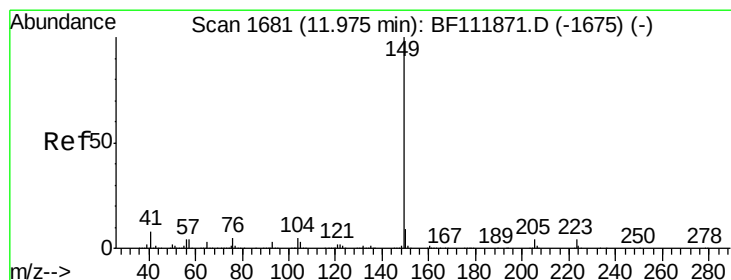
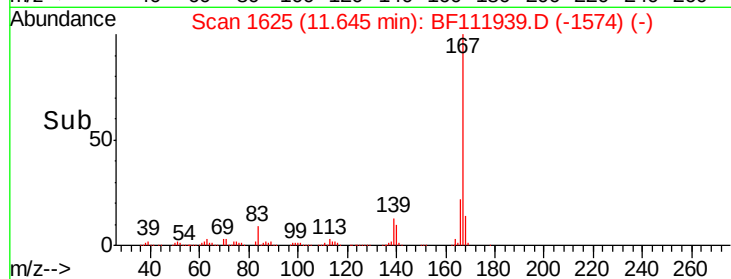
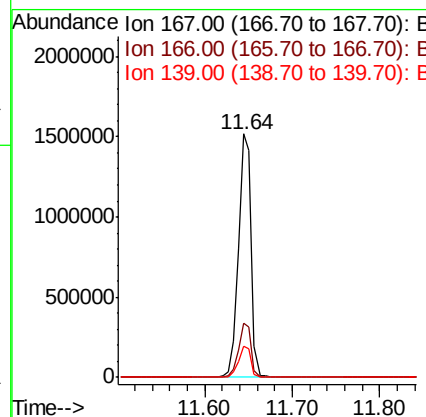
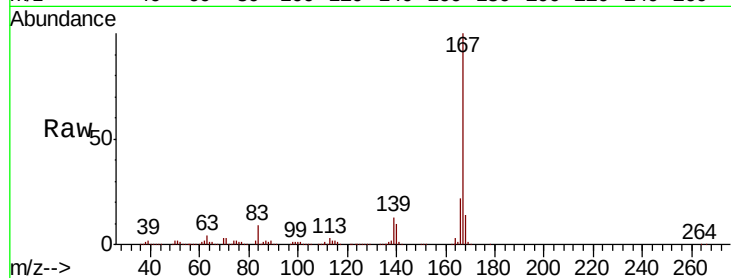
#73
 Carbazole
 Concen: 40.006 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB116192BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	12.9	10.6	16.0

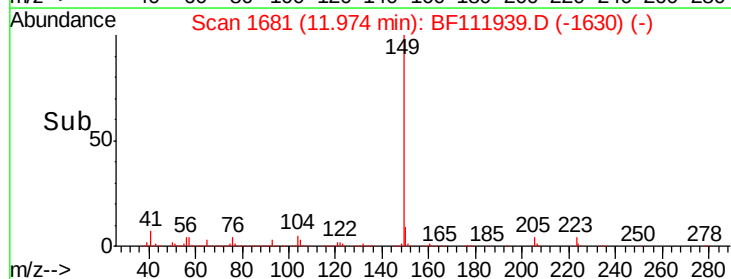
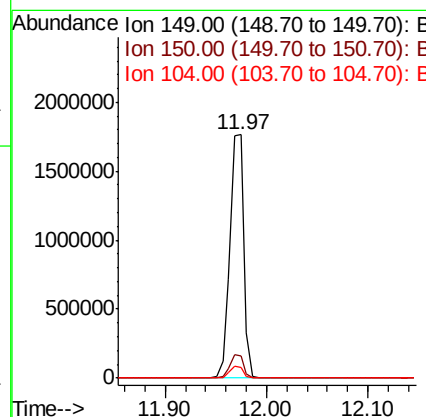
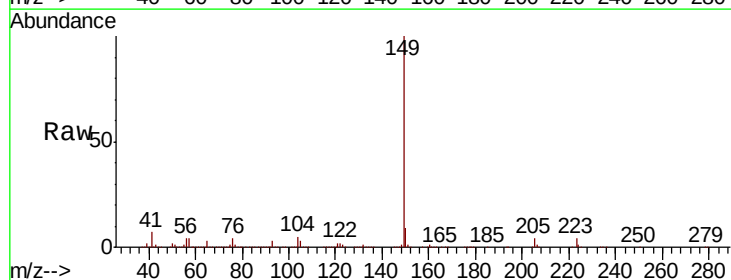
Manual Integrations
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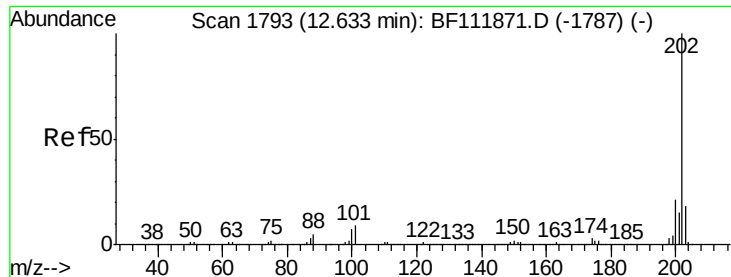
Sohil
 1/10/2019 11:45:40 AM



#74
 Di-n-butylphthalate
 Concen: 38.362 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: BF111939.D
 Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	4.5	3.9	5.9





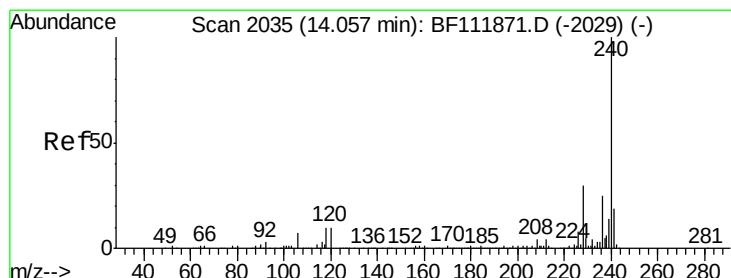
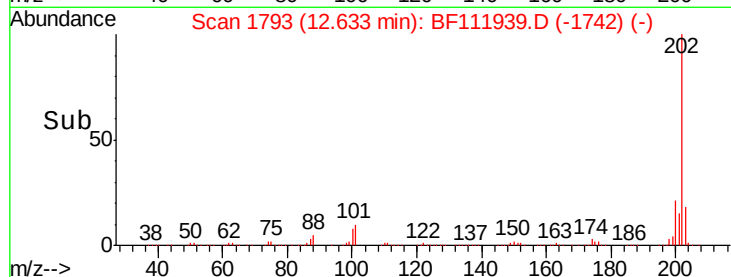
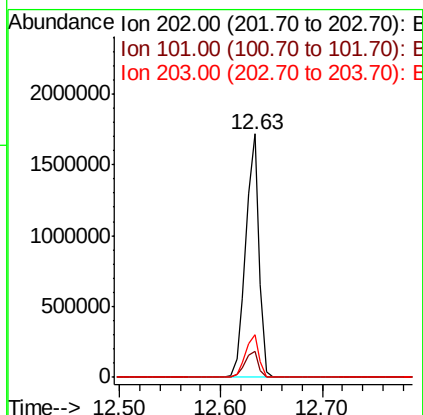
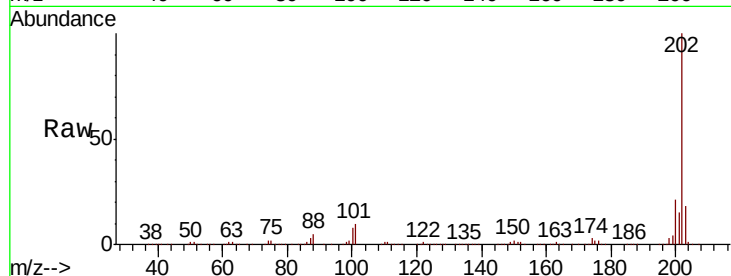
#75
Fluoranthene
Concen: 40.094 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	29.3
203	17.7	0.0	37.6

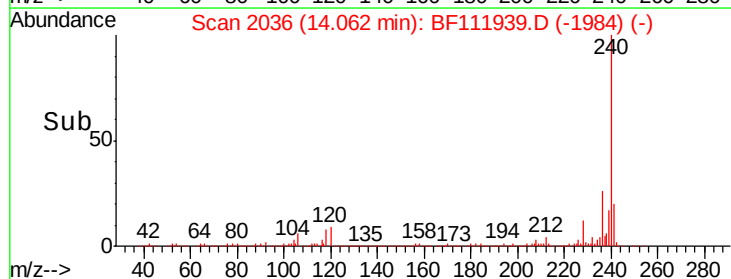
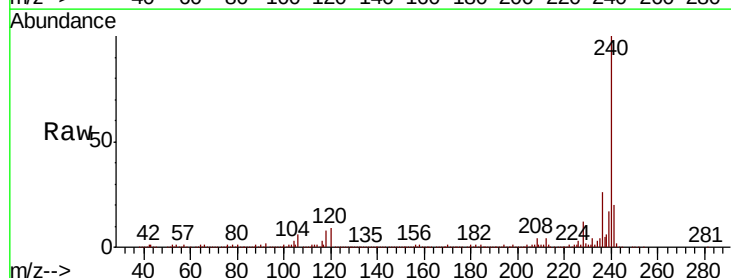
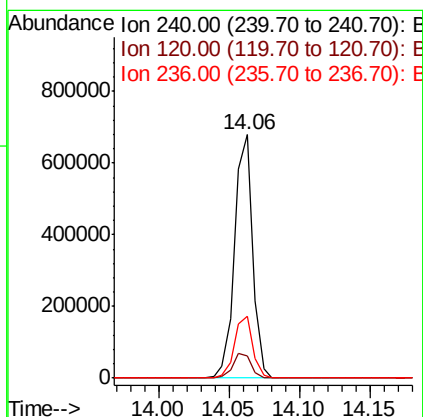
Manual Integrations
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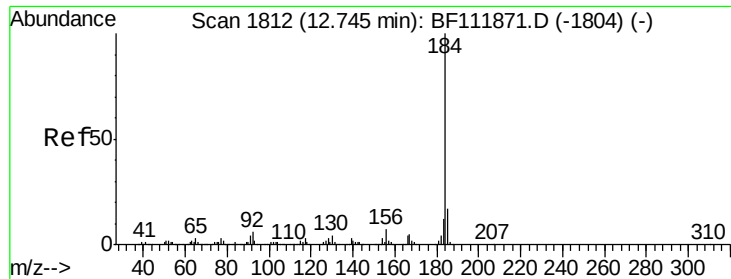
Sohil
1/10/2019 11:45:40 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.2	12.2
236	25.6	20.2	30.4





#77

Benzidine

Concen: 28.126 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

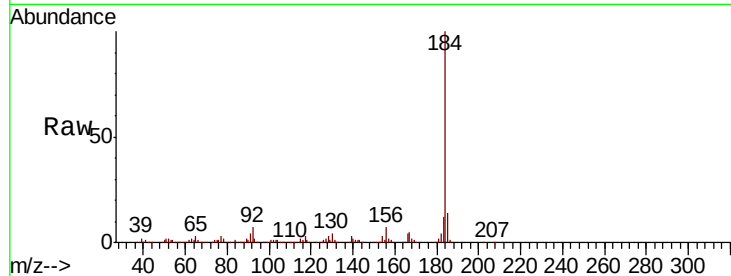
ClientSampleId :

PB116192BS

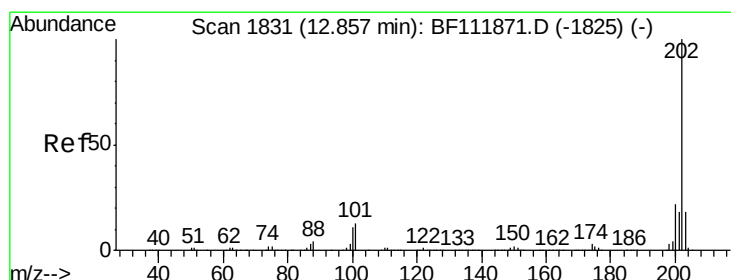
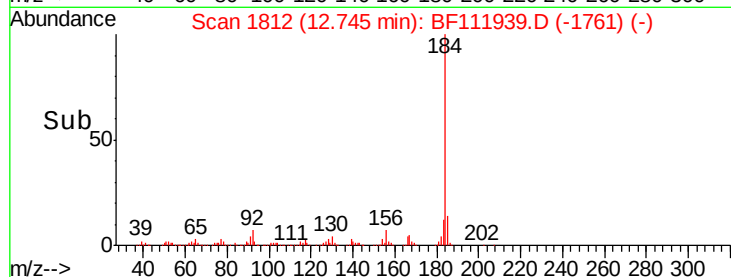
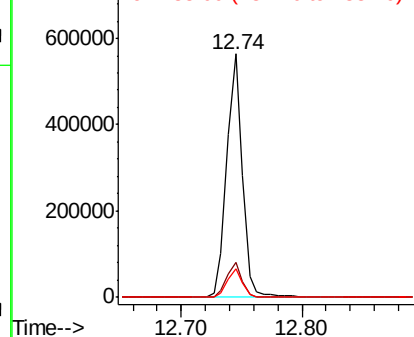
Tot Ion:	184	Resp:	508185
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.0
183	11.9	9.6	14.4

Manual Integrations
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Sohil
1/10/2019 11:45:40 AM



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: 38.026 ng

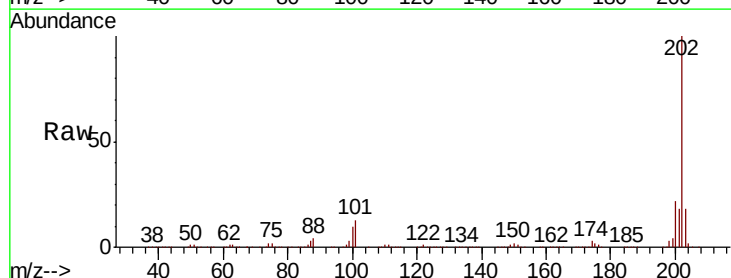
RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

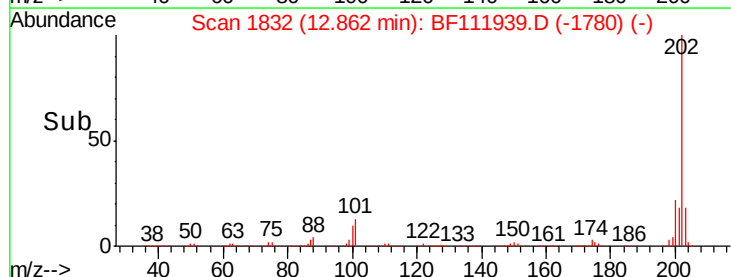
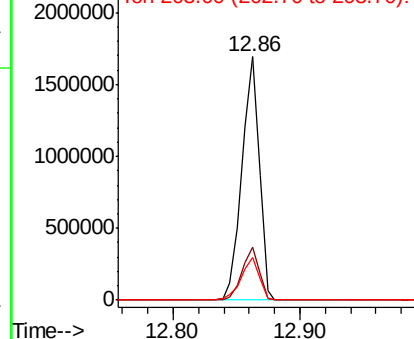
Lab File: BF111939.D

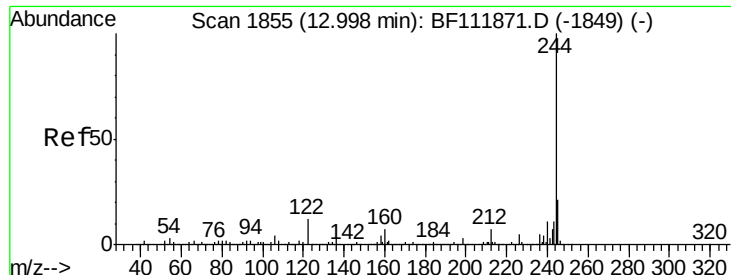
Acq: 9 Jan 2019 9:50

Tgt Ion:	202	Resp:	1582114
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.4	26.2
203	17.8	14.6	21.8



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: 62.638 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampled :

PB116192BS

Tot Ion:244 Resp: 1995363

Ion Ratio Lower Upper

244 100

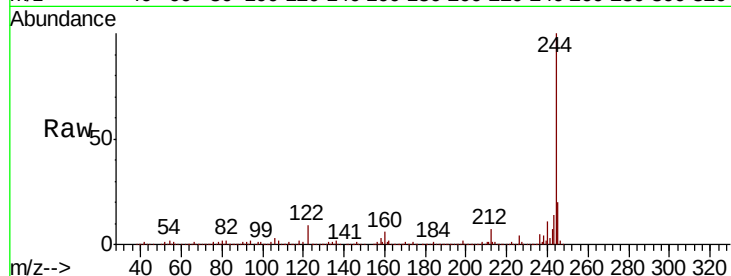
212 6.6 5.8 8.8

122 9.5 9.5 14.3#

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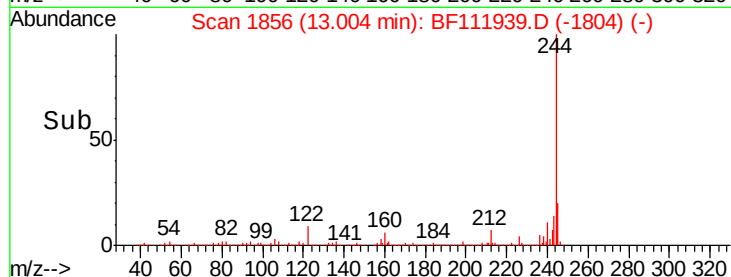


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

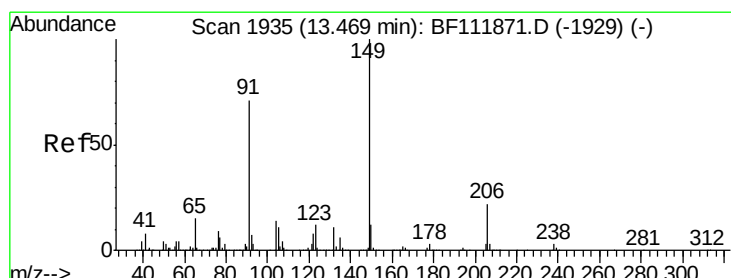
Ion 122.00 (121.70 to 122.70): E

Time-->



Abundance

Time-->



#80

Butylbenzylphthalate

Concen: 41.431 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

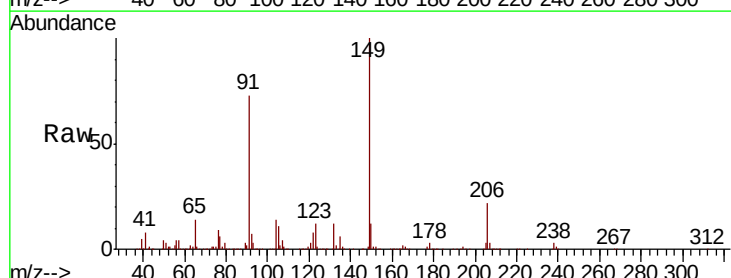
Tgt Ion:149 Resp: 728770

Ion Ratio Lower Upper

149 100

91 73.0 57.2 85.8

206 22.2 17.3 25.9

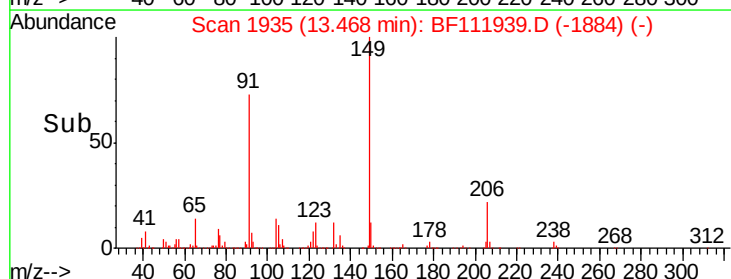


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

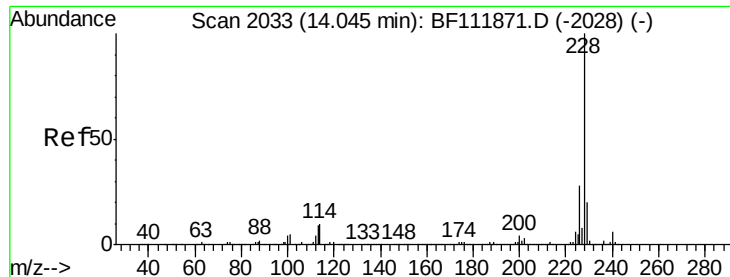
Ion 206.00 (205.70 to 206.70): E

Time-->



Abundance

Time-->



#81

Benzo(a)anthracene

Concen: 43.396 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

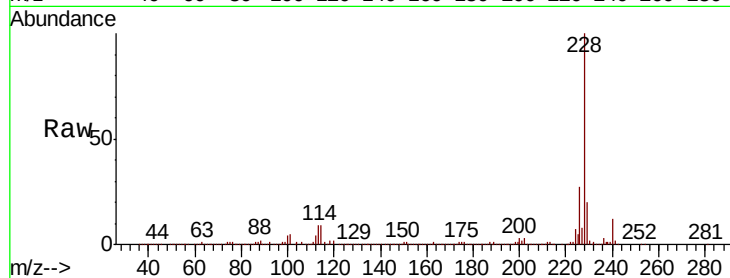
ClientSampleId :

PB116192BS

Tot Ion:	228	Resp:	1510221
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.3	16.2	24.2

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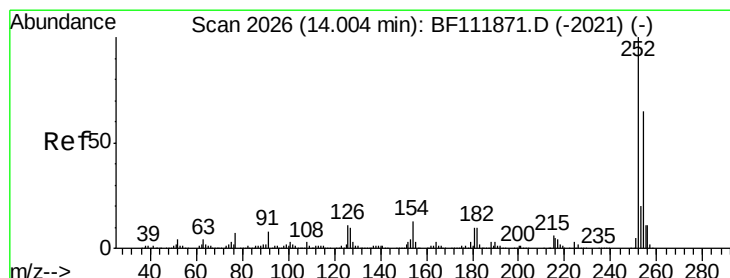
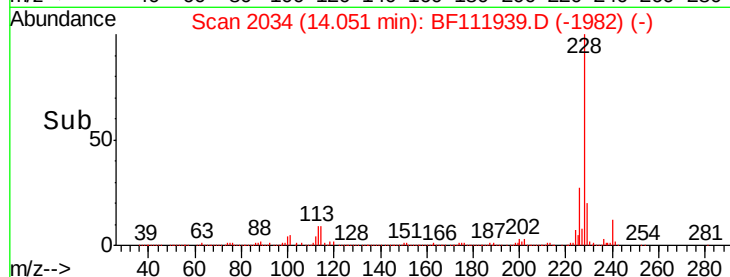
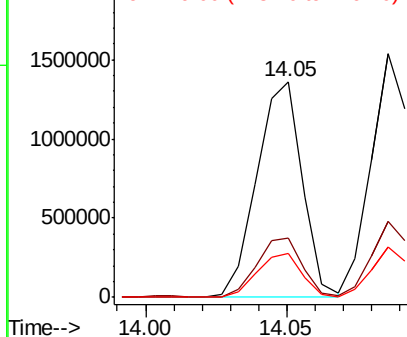


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.116 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

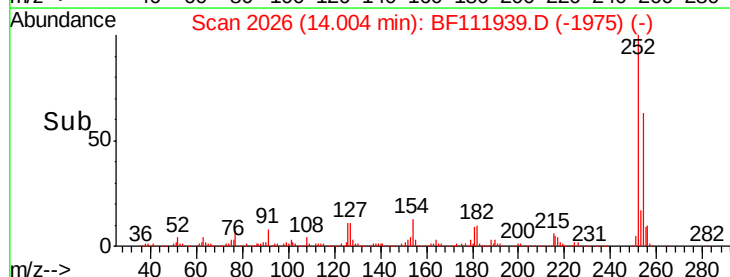
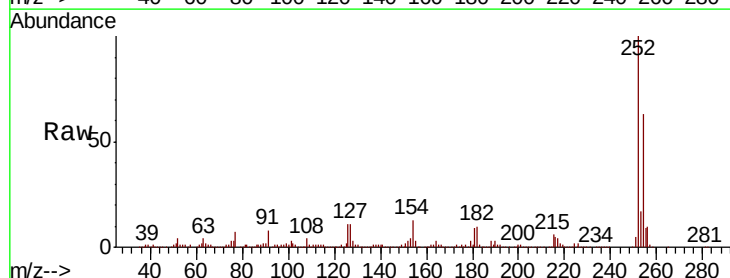
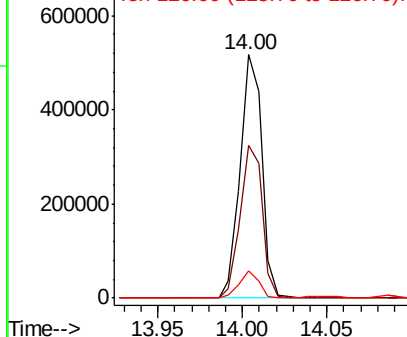
Tgt Ion:	252	Resp:	464007
Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.1	78.1
126	11.2	8.6	12.8

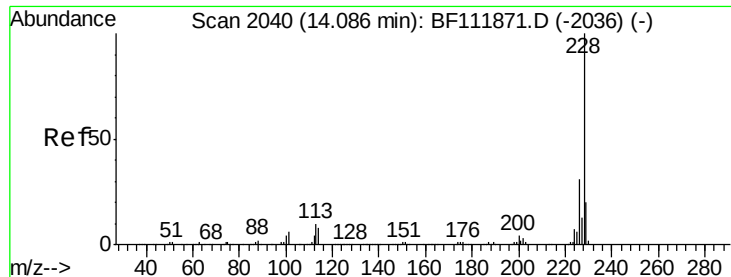
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





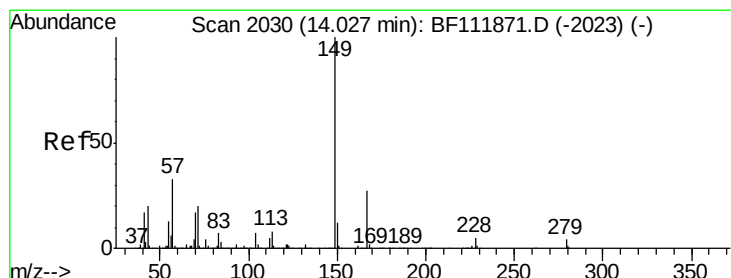
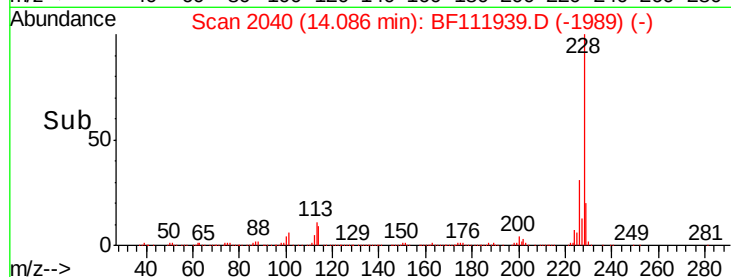
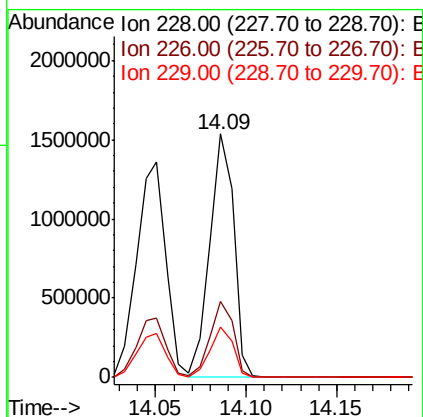
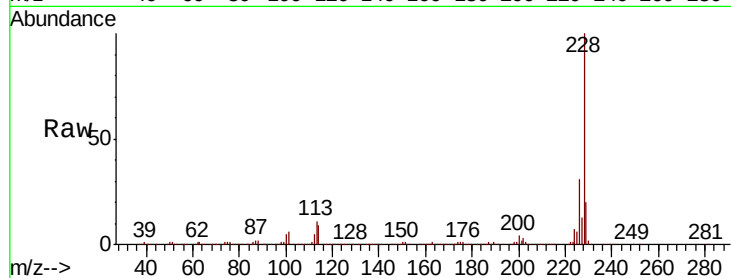
#83
Chrysene
Concen: 42.443 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	20.4	15.7	23.5

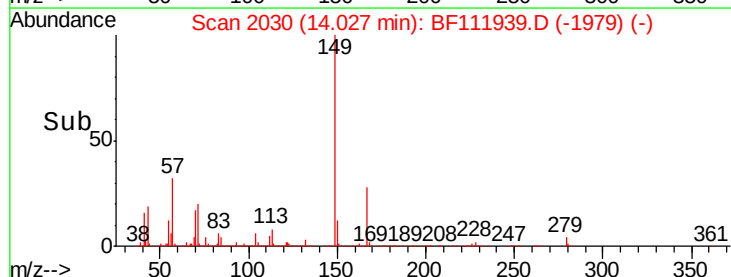
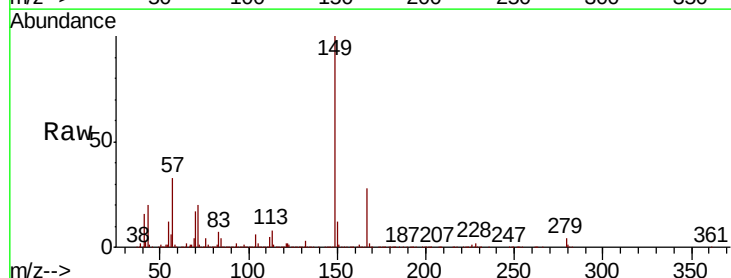
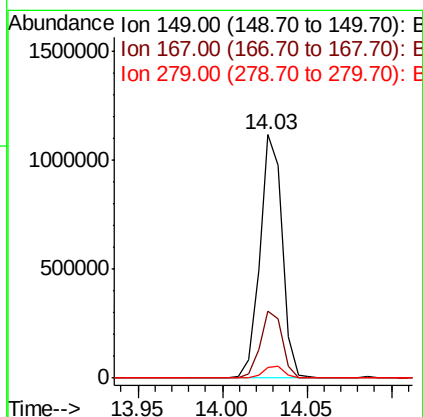
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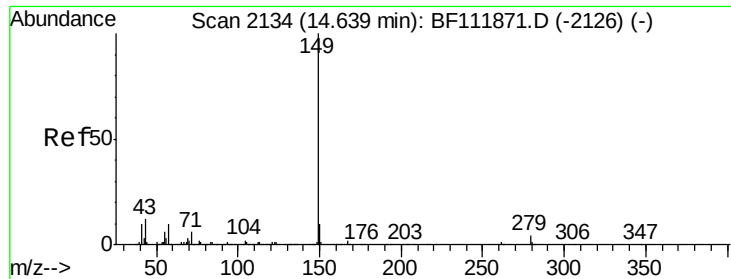
Sohil
1/10/2019 11:45:40 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.304 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	4.4	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 45.211 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

Instrument :

BNA_F

ClientSampleId :

PB116192BS

Tot Ion:149 Resp: 1494622

Ion Ratio Lower Upper

149 100

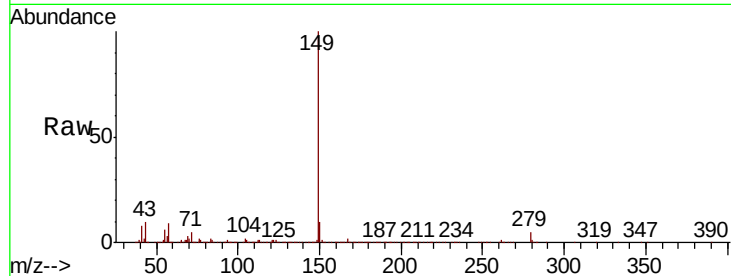
167 1.5 1.3 1.9

43 11.1 9.1 13.7

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Sohil

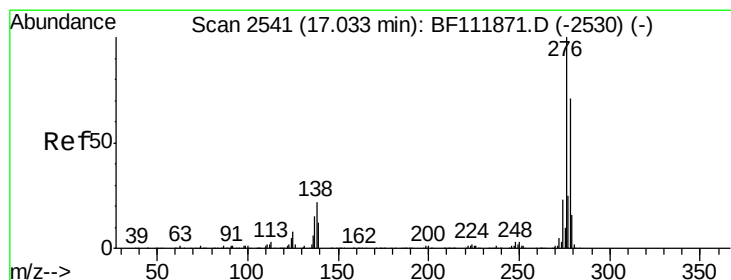
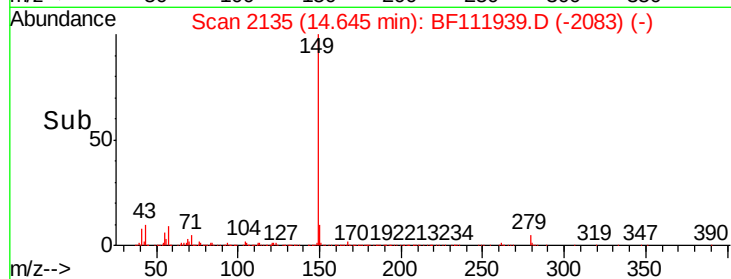
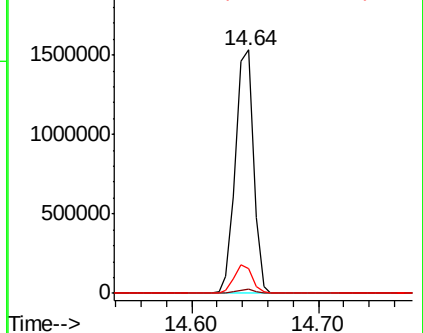
1/10/2019 11:45:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.642 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.02 min

Lab File: BF111939.D

Acq: 9 Jan 2019 9:50

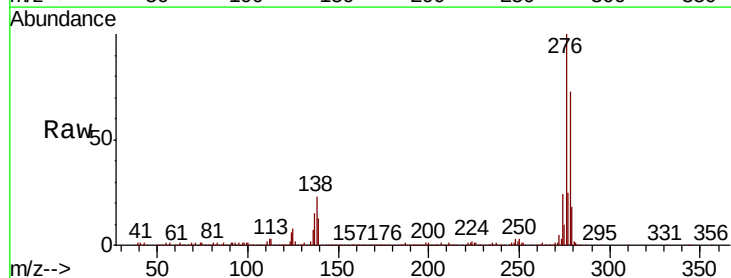
Tgt Ion:276 Resp: 1249256

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

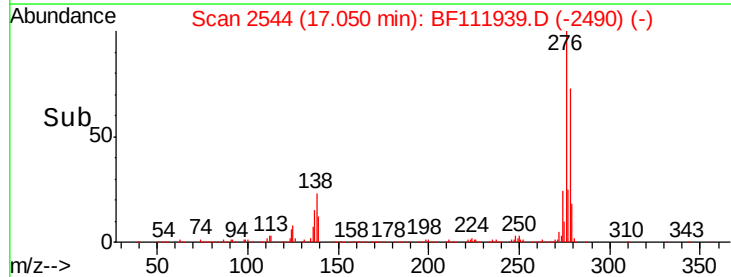
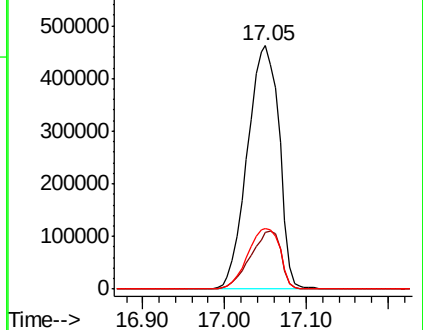
277 25.5 19.9 29.9

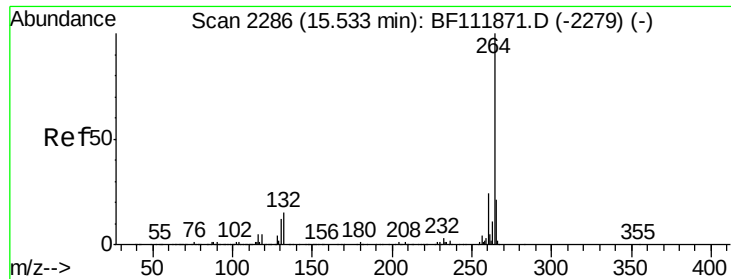


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





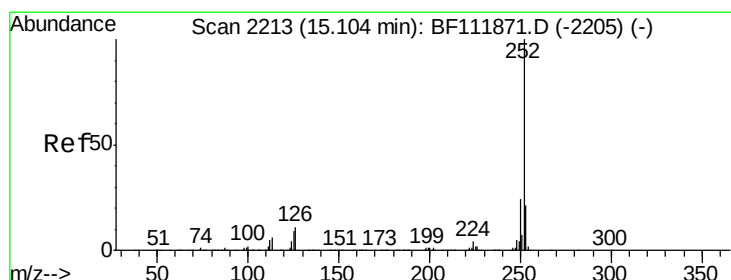
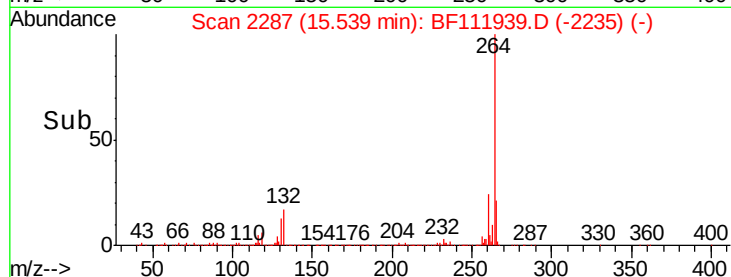
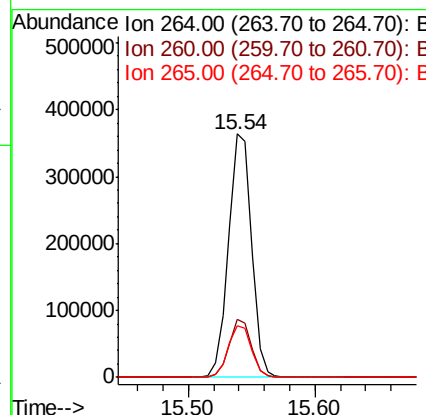
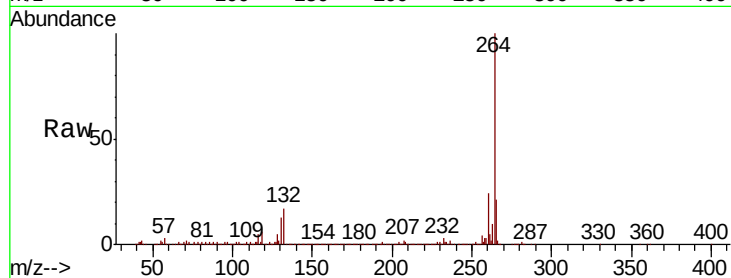
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.1	25.7

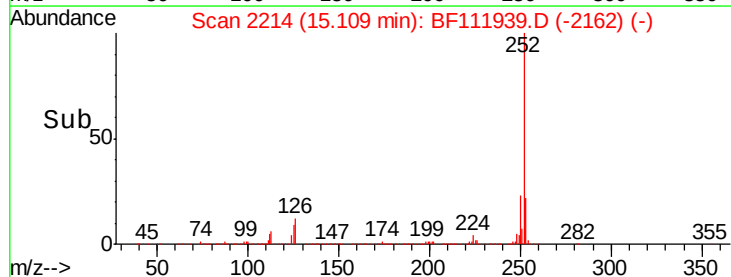
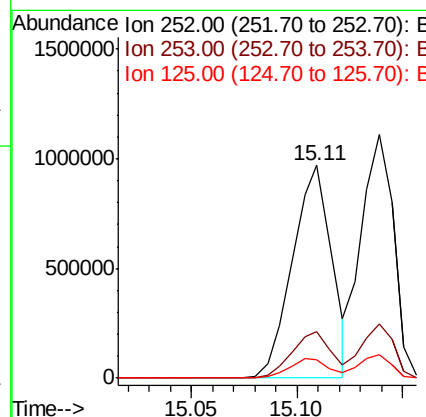
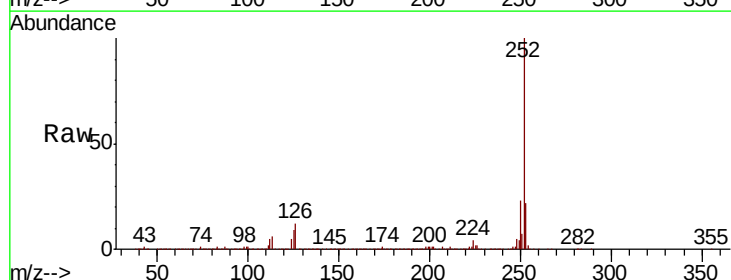
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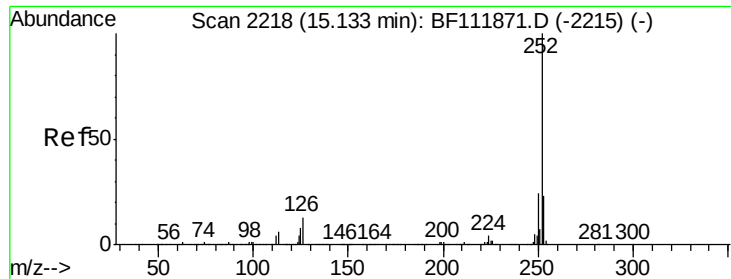
Sohil
1/10/2019 11:45:40 AM



#88
Benzo(b)fluoranthene
Concen: 45.688 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.9	7.1	10.7





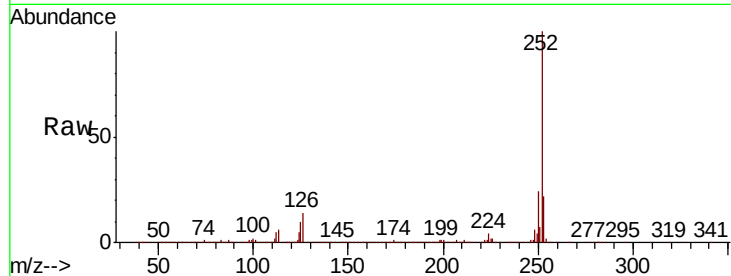
#89
Benzo(k)fluoranthene
Concen: 46.129 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.6	7.0	10.4

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Sohil
1/10/2019 11:45:40 AM

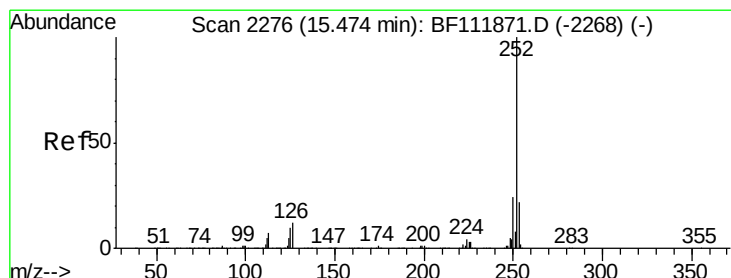
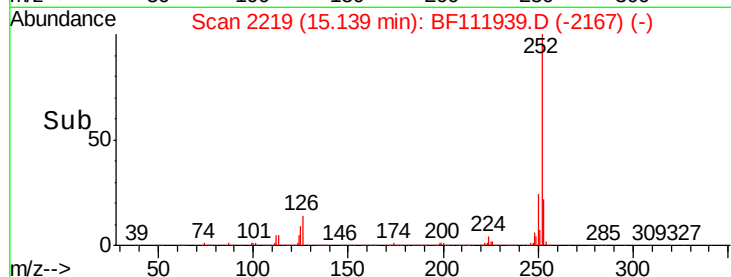
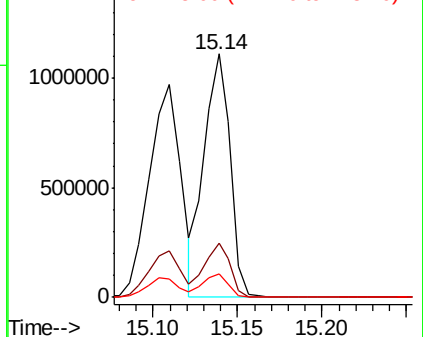


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 48.161 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

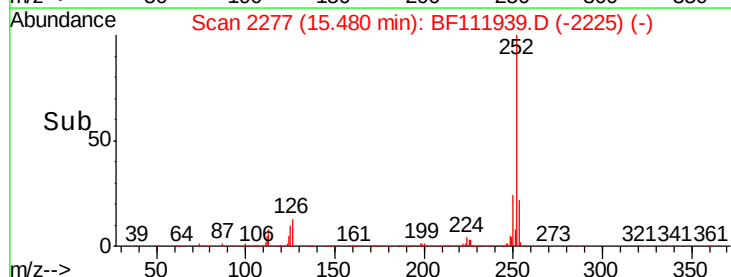
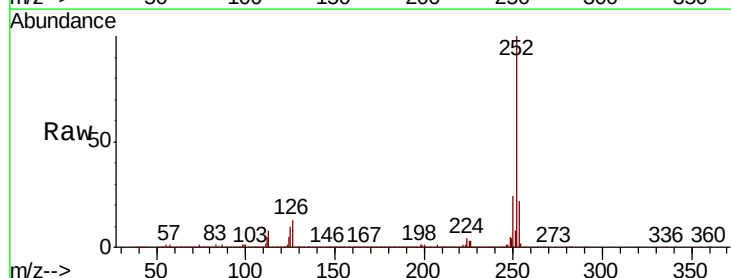
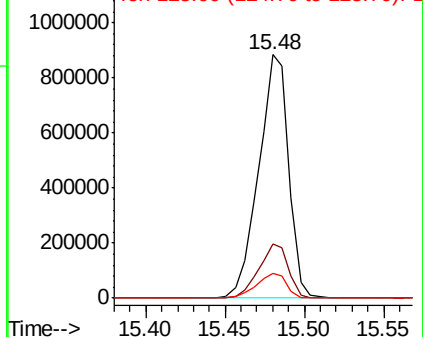
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.4	7.9	11.9

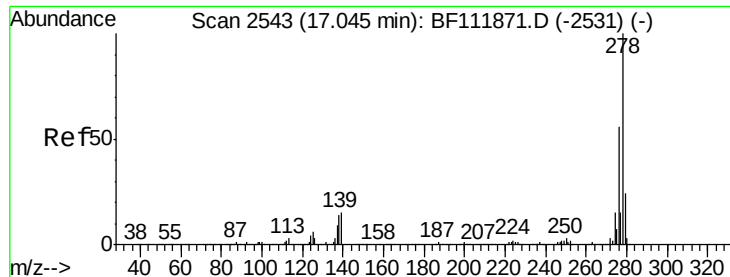
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





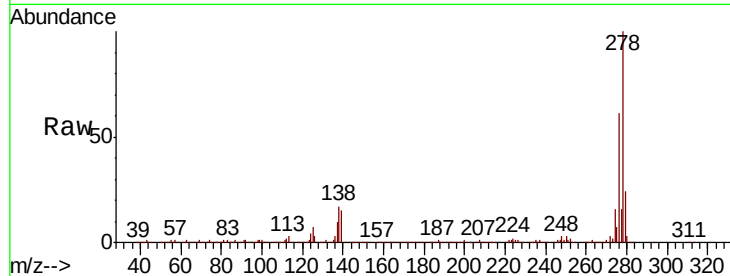
#91
Dibenzo(a,h)anthracene
Concen: 53.546 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Instrument :
BNA_F
ClientSampleId :
PB116192BS

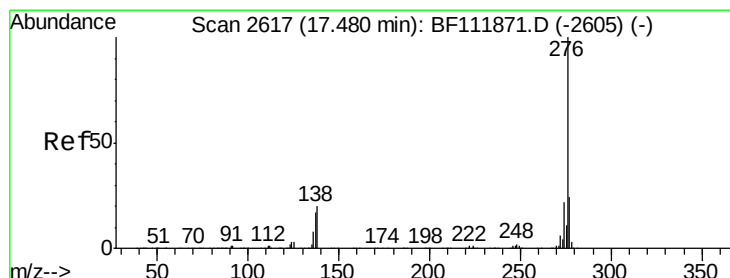
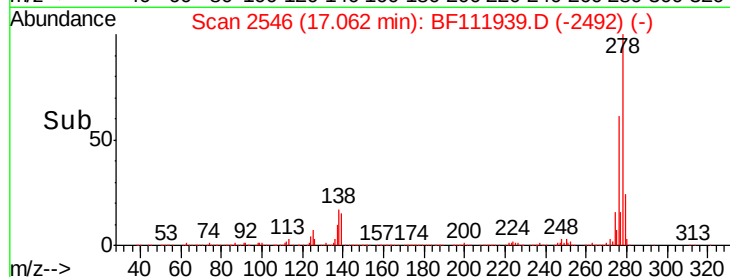
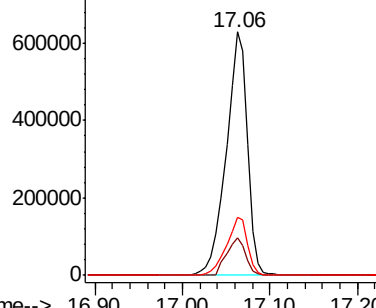
Tot Ion:278 Resp: 1038340
Ion Ratio Lower Upper
278 100
139 15.2 11.8 17.6
279 23.9 19.4 29.2

Manual Integrations
APPROVED

Sohil
1/10/2019 11:45:40 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.236 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF111939.D
Acq: 9 Jan 2019 9:50

Tgt Ion:276 Resp: 1066618
Ion Ratio Lower Upper
276 100
277 22.4 19.0 28.6
138 19.0 16.2 24.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

