

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112923.D
 Acq On : 7 Mar 2019 16:08
 Operator : JU/SJ
 Sample : K1757-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Manual Integrations
 APPROVED

Sohil
 3/8/2019 9:26:08 AM

Quant Time: Mar 08 00:55:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169274	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	650921	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	325803	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	658337	20.00	ng	0.00
76) Chrysene-d12	13.87	240	446937	20.00	ng	0.00
87) Perylene-d12	15.26	264	413939	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1151579	105.82	ng	0.00
7) Phenol-d6	6.37	99	1494495	109.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	899958	82.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	421881	121.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1315718	62.37	ng	-0.01
79) Terphenyl-d14	12.82	244	1462295	63.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	169798	31.128	ng	97
3) Pyridine	3.13	79	436057	29.880	ng	98
4) n-Nitrosodimethylamine	3.05	42	196214	30.736	ng	97
6) Aniline	6.39	93	471683	25.068	ng	# 78
8) 2-Chlorophenol	6.52	128	434693	35.885	ng	92
9) Benzaldehyde	6.27	77	239323	24.298	ng	99
10) Phenol	6.39	94	563432	35.322	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	428200	34.974	ng	96
12) 1,3-Dichlorobenzene	6.67	146	455835	36.427	ng	97
13) 1,4-Dichlorobenzene	6.75	146	463973	36.972	ng	97
14) 1,2-Dichlorobenzene	6.90	146	438892	38.151	ng	98
15) Benzyl Alcohol	6.87	79	380157	36.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	693409	33.937	ng	98
17) 2-Methylphenol	6.99	107	365469	37.190	ng	96
18) Hexachloroethane	7.25	117	167381	34.819	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	297857	34.405	ng	96
20) 3+4-Methylphenols	7.15	107	426698	38.459	ng	93
22) Acetophenone	7.14	105	585433	38.464	ng	94
24) Nitrobenzene	7.31	77	465484	38.447	ng	99
25) Isophorone	7.55	82	861346	36.754	ng	99
26) 2-Nitrophenol	7.63	139	240048	47.628	ng	96
27) 2,4-Dimethylphenol	7.67	122	399743	42.633	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	549652	37.514	ng	100
29) 2,4-Dichlorophenol	7.87	162	378610	41.639	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	397516	40.687	ng	98
31) Naphthalene	8.03	128	1254647	38.823	ng	99
32) Benzoic acid	7.78	122	211441m	32.174	ng	
33) 4-Chloroaniline	8.08	127	201372	14.712	ng	99
34) Hexachlorobutadiene	8.16	225	224474	40.739	ng	99
35) Caprolactam	8.44	113	127911m	39.941	ng	
36) 4-Chloro-3-methylphenol	8.57	107	396739	39.426	ng	98
37) 2-Methylnaphthalene	8.73	142	839700	40.235	ng	99
38) 1-Methylnaphthalene	8.83	142	788488	39.003	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	368572	38.794	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	425408	81.768	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	279513	42.748	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	298077	42.176	nq	98
46) 1,1'-Biphenyl	9.19	154	1013970	38.156	nq	98
47) 2-Chloronaphthalene	9.21	162	785971	37.878	nq	99
48) 2-Nitroaniline	9.30	65	258547	40.993	nq	97
49) Acenaphthylene	9.63	152	1274910	36.192	nq	98
50) Dimethylphthalate	9.49	163	1044892	43.495	nq	99
51) 2,6-Dinitrotoluene	9.55	165	215798	43.137	nq	88
52) Acenaphthene	9.80	154	748021	36.311	nq	99
53) 3-Nitroaniline	9.71	138	145386	23.851	nq	94
54) 2,4-Dinitrophenol	9.82	184	199199	95.948	nq	96
55) Dibenzofuran	9.97	168	1124297	37.551	nq	97
56) 4-Nitrophenol	9.89	139	391747	79.075	nq	84
57) 2,4-Dinitrotoluene	9.95	165	280610	45.126	nq	# 85
58) Fluorene	10.31	166	803267	37.800	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262685	44.612	nq	94
60) Diethylphthalate	10.19	149	960682	37.864	nq	100
61) 4-Chlorophenyl-phenylether	10.30	204	405538	41.017	nq	93
62) 4-Nitroaniline	10.32	138	233258	41.411	nq	95
63) Azobenzene	10.46	77	888817	34.201	nq	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131710	48.624	nq	79
66) n-Nitrosodiphenylamine	10.42	169	782382	37.056	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	271940	39.217	nq	# 90
68) Hexachlorobenzene	10.86	284	316519	40.493	nq	94
69) Atrazine	10.95	200	258163	39.924	nq	97
70) Pentachlorophenol	11.05	266	363403	78.988	nq	98
71) Phenanthrene	11.26	178	1260377	38.479	nq	100
72) Anthracene	11.32	178	1304120	38.035	nq	100
73) Carbazole	11.47	167	1238333	37.023	nq	100
74) Di-n-butylphthalate	11.81	149	1531310	38.182	nq	100
75) Fluoranthene	12.44	202	1357447	38.681	nq	99
77) Benzidine	12.57	184	612759	26.426	nq	99
78) Pyrene	12.67	202	1387244	36.819	nq	99
80) Butylbenzylphthalate	13.29	149	659547	39.657	nq	97
81) Benzo(a)anthracene	13.85	228	1047083	33.803	nq	99
82) 3,3'-Dichlorobenzidine	13.82	252	324442	27.694	nq	100
83) Chrysene	13.89	228	1073183	35.370	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	814704	41.764	nq	98
85) Di-n-octyl phthalate	14.46	149	1410838	42.118	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1083469	41.886	nq	96
88) Benzo(b)fluoranthene	14.87	252	1037321	38.742	nq	98
89) Benzo(k)fluoranthene	14.90	252	820319	33.824	nq	98
90) Benzo(a)pyrene	15.21	252	889574	37.562	nq	97
91) Dibenzo(a,h)anthracene	16.64	278	907524	44.907	nq	99
92) Benzo(g,h,i)perylene	17.03	276	938432	46.245	nq	97

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

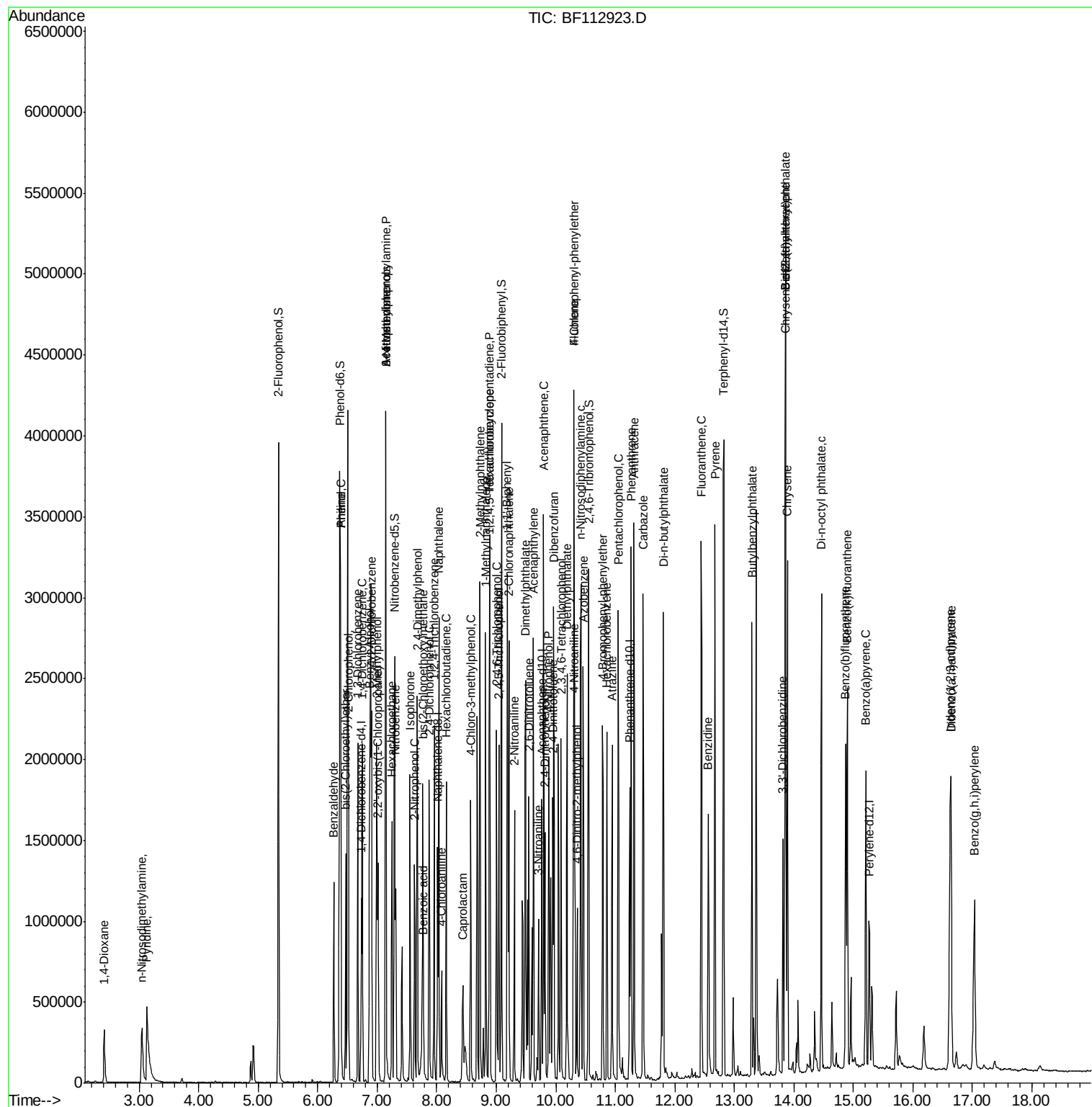
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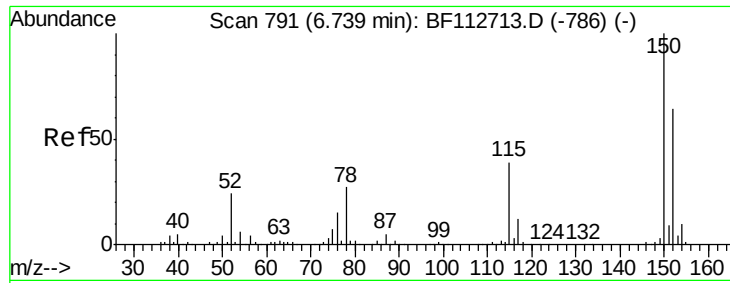
Instrument :
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#1

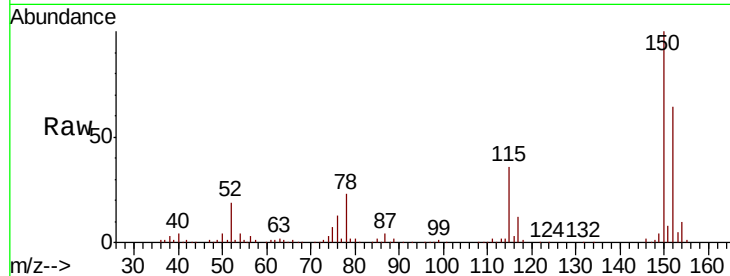
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	57.0	48.2	72.4

Manual Integrations
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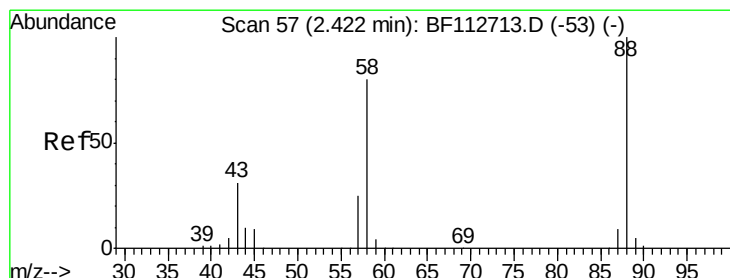
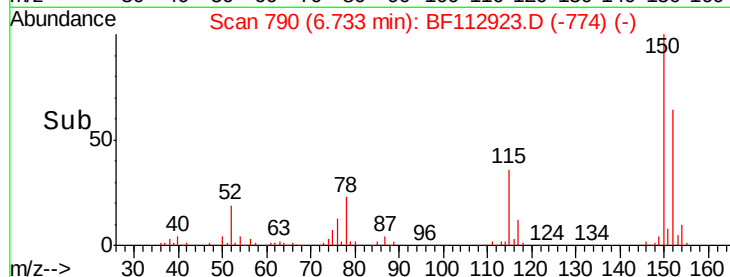
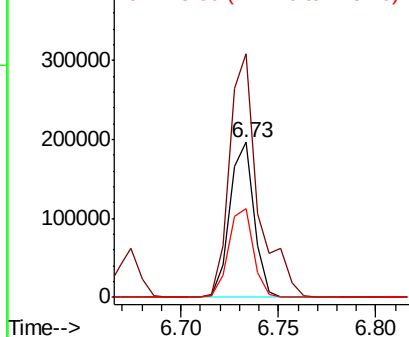


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

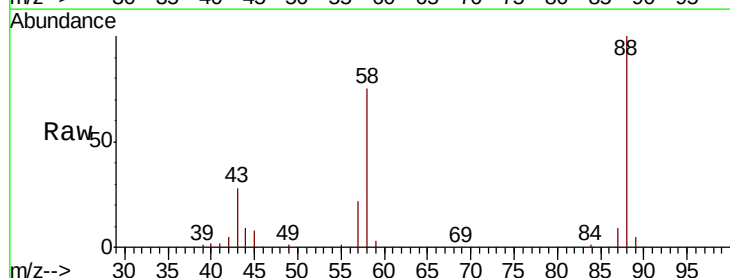
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.128 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	63.1	94.7
43	27.7	24.3	36.5

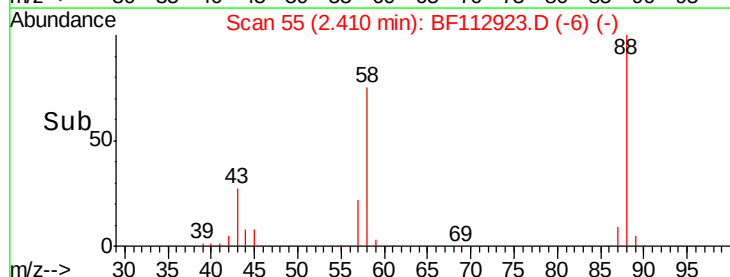
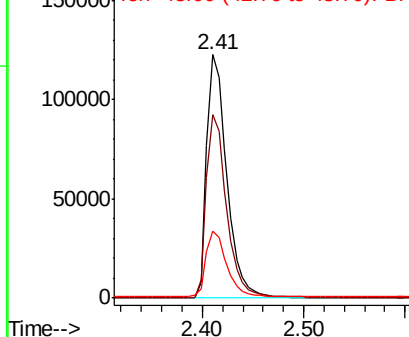


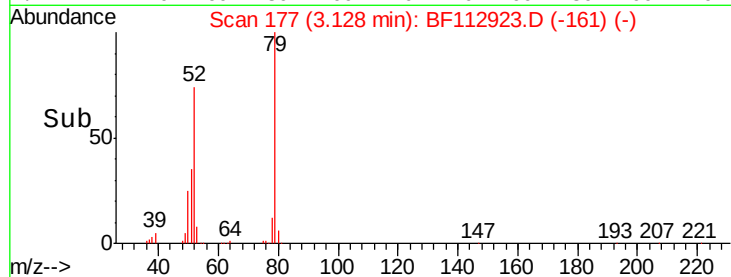
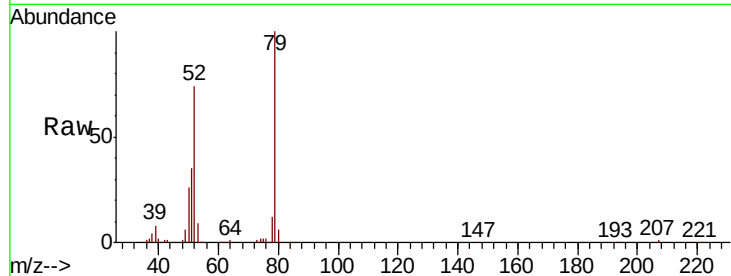
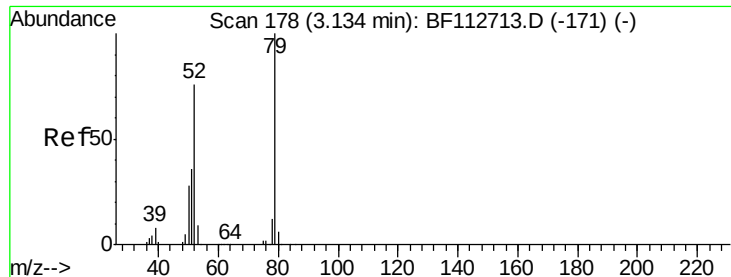
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





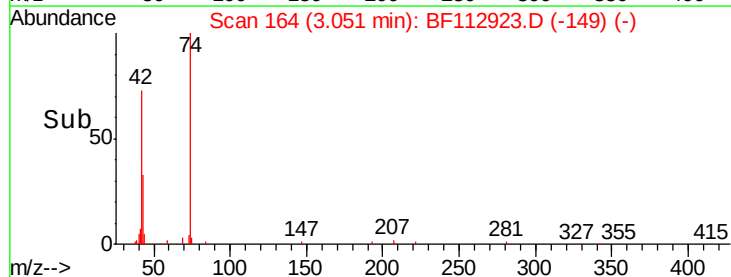
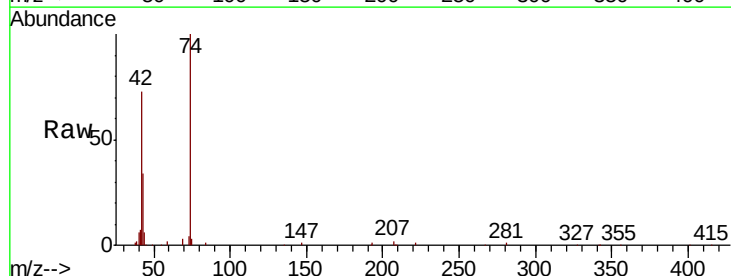
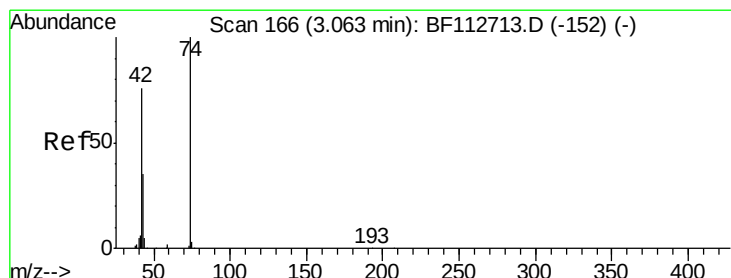
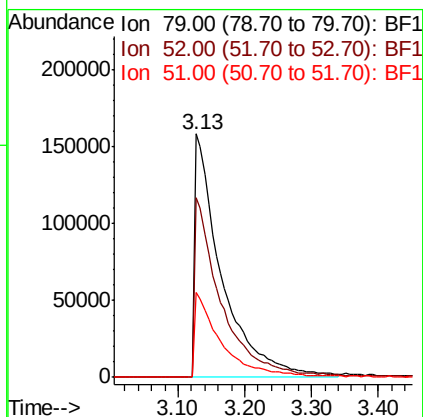
#3
 Pvridine
 Concen: 29.880 ng
 RT: 3.13 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.7	60.5	90.7
51	34.9	28.8	43.2

Instrument :
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 ClientSampleId :
 TP-6CD-DMSD

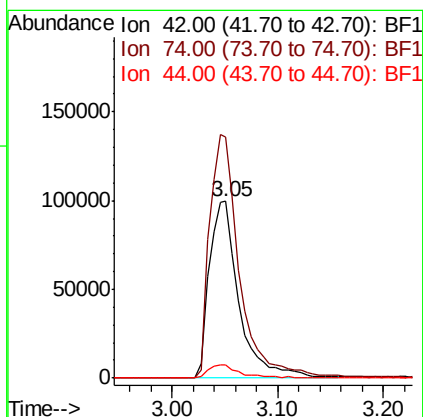
Manual Integrations
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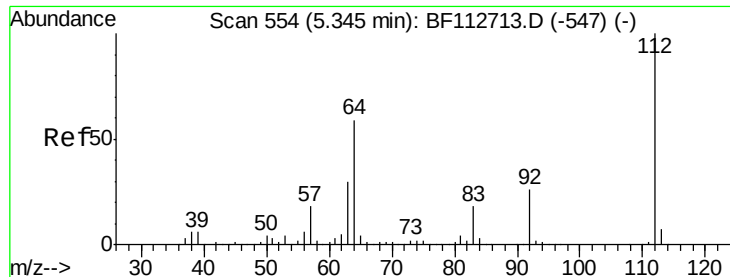
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#4
 n-Nitrosodimethylamine
 Concen: 30.736 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.5	105.8	158.8
44	7.5	6.2	9.2





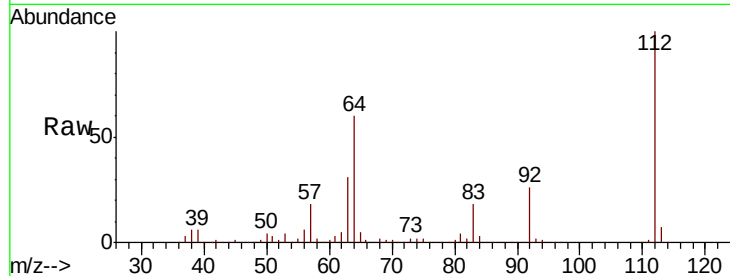
#5
2-Fluorophenol
Concen: 105.824 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.6	71.4
63	30.7	24.4	36.6

Manual Integrations
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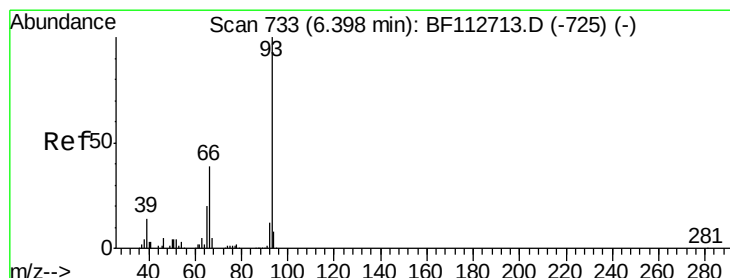
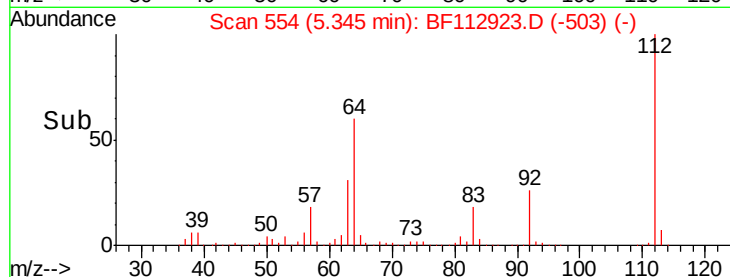
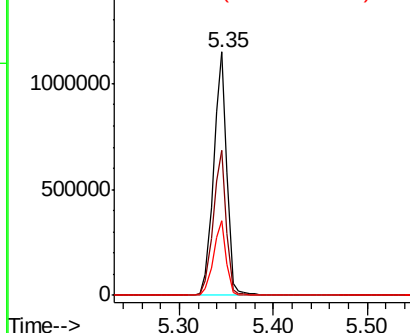


Abundance

Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6
Aniline
Concen: 25.068 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

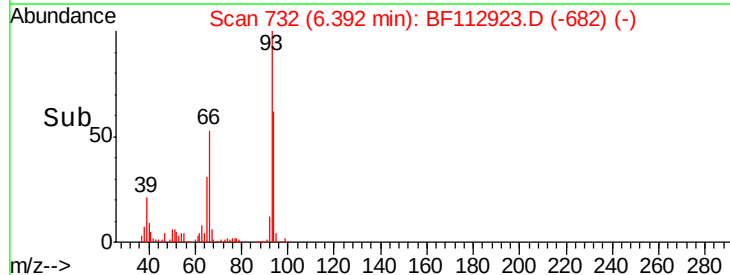
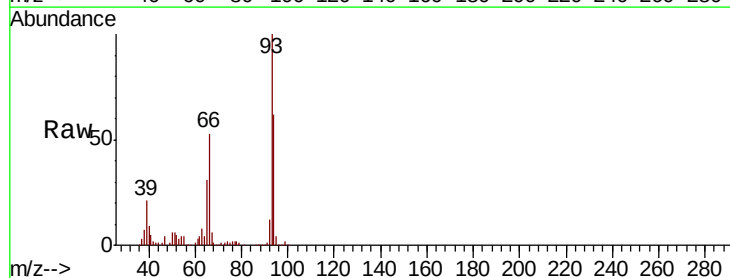
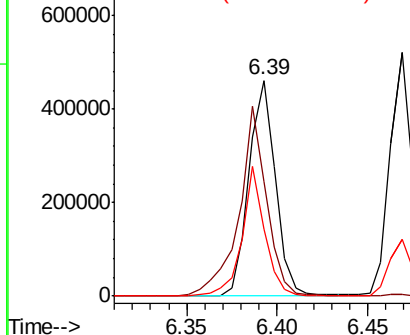
Tgt Ion	Ratio	Lower	Upper
93	100		
66	53.2	32.2	48.2#
65	31.1	16.2	24.4#

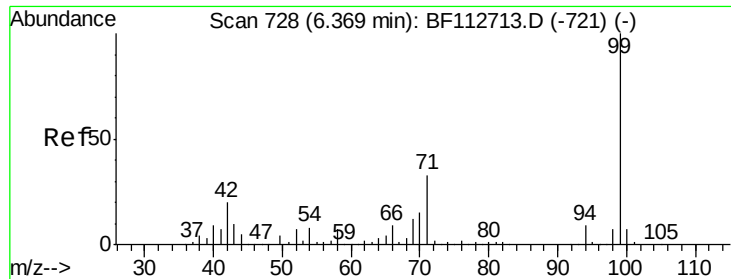
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 109.330 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion: 99 Resp: 1494495

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

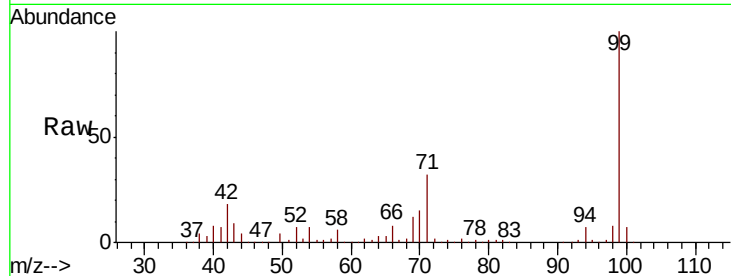
71 32.2 26.2 39.4

Manual Integrations

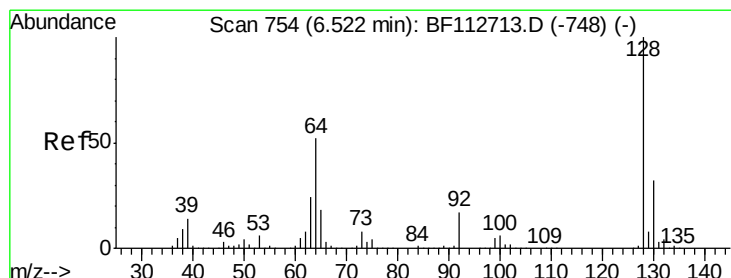
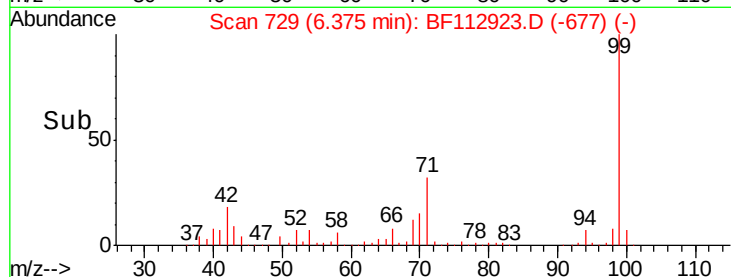
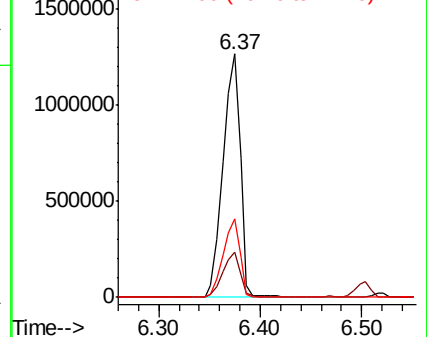
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.885 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

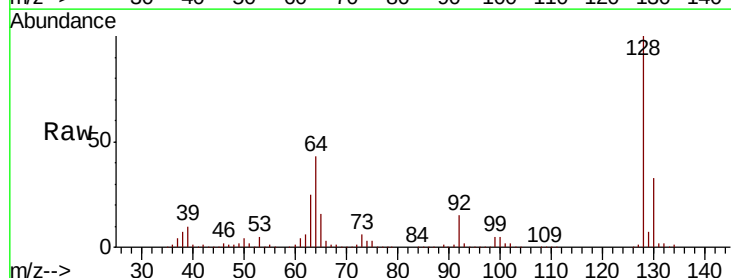
Tgt Ion:128 Resp: 434693

Ion Ratio Lower Upper

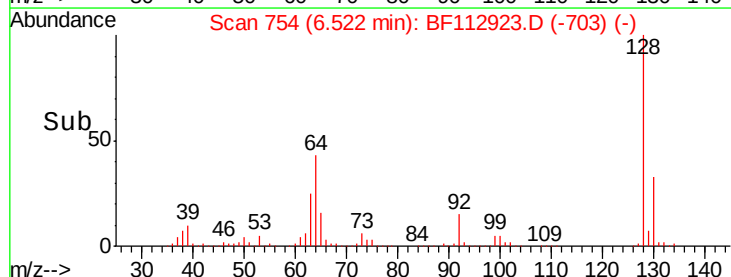
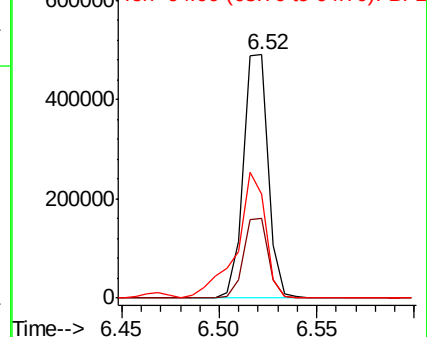
128 100

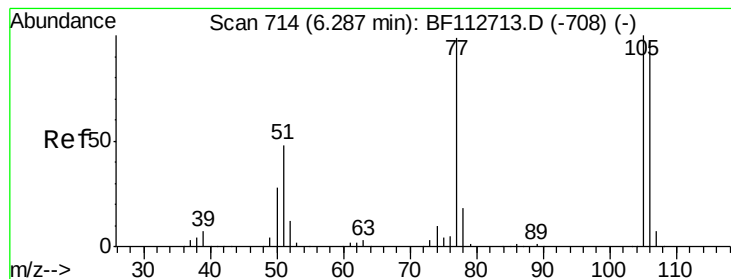
130 32.9 12.4 52.4

64 42.9 32.2 72.2



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: 24.298 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

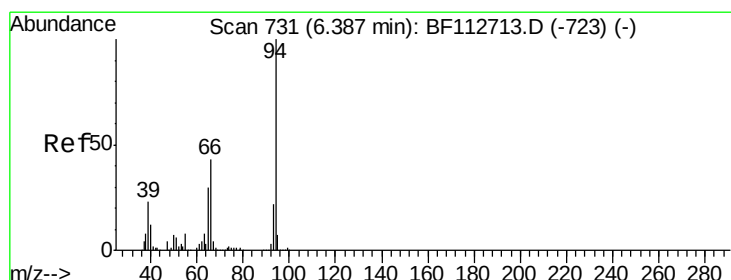
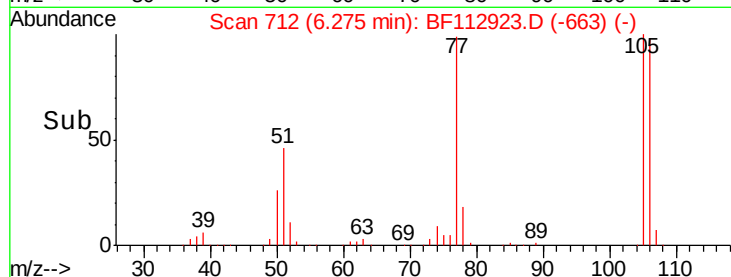
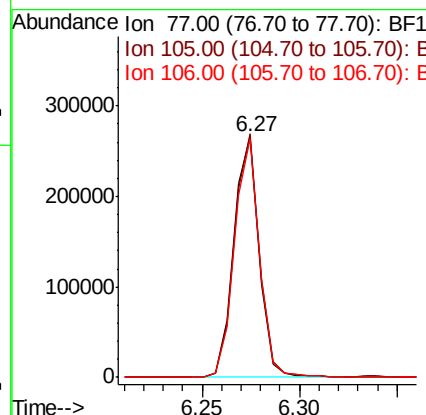
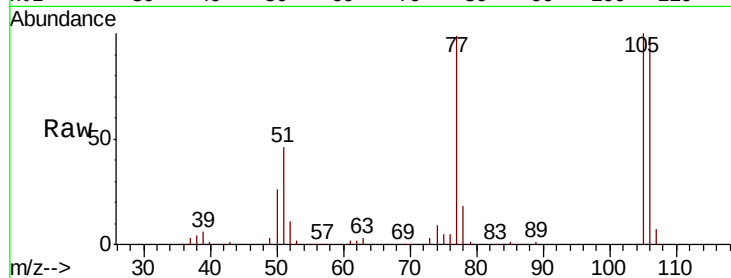
ClientSampleId :

TP-6CD-DMSD

Tot Ion:	77	Resp:	239323
Ion Ratio	Lower	Upper	
77	100		
105	101.3	81.4	121.4
106	99.3	78.3	118.3

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#10

Phenol

Concen: 35.322 ng

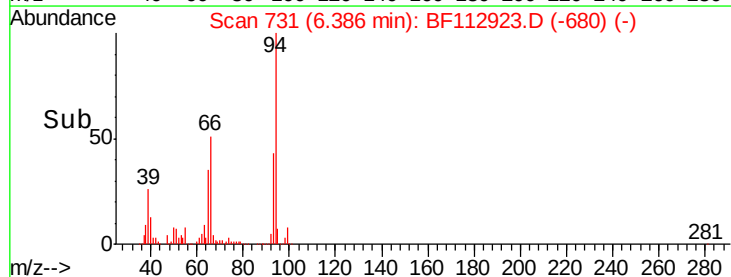
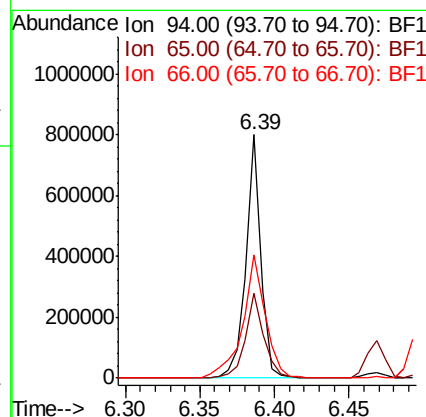
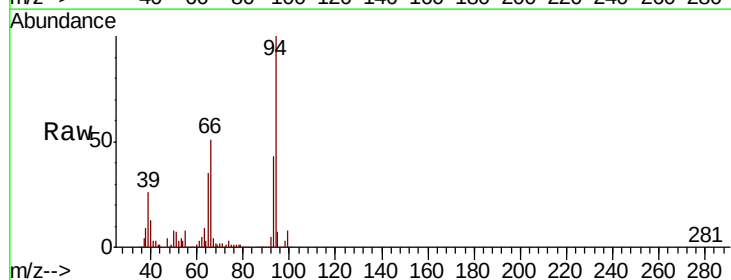
RT: 6.39 min Scan# 731

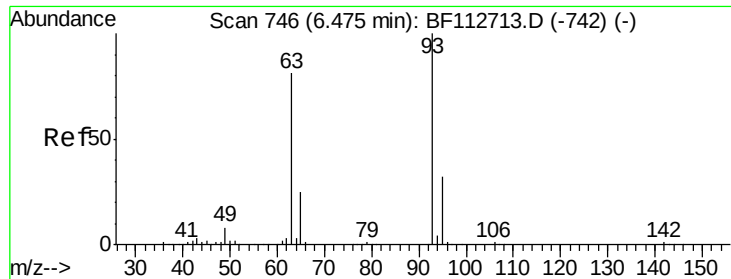
Delta R.T. -0.00 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Tgt Ion:	94	Resp:	563432
Ion Ratio	Lower	Upper	
94	100		
65	34.7	10.5	50.5
66	50.7	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 34.974 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

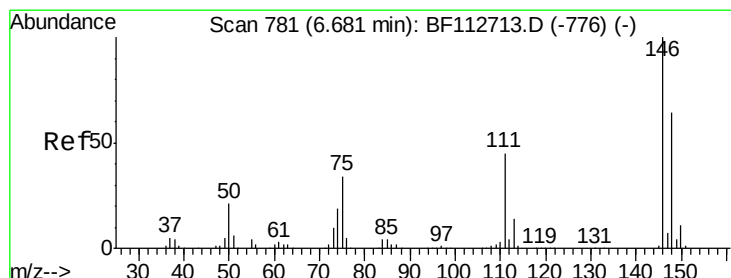
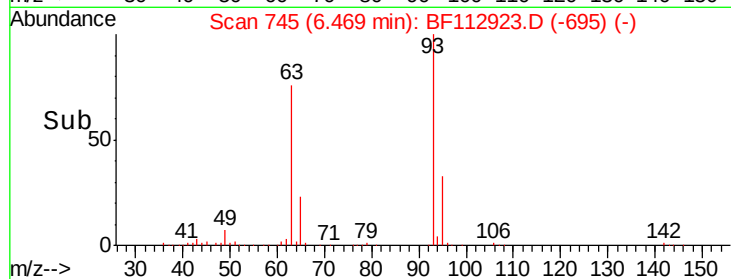
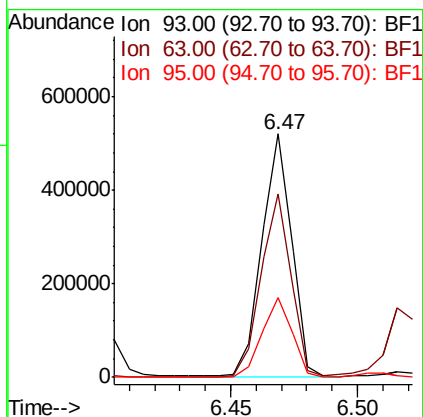
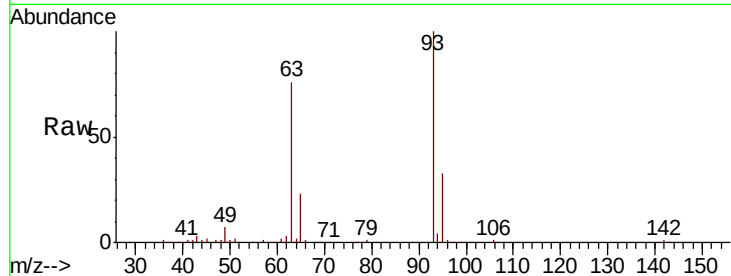
ClientSampleId :

TP-6CD-DMSD

Tot Ion:	93	Resp:	428200
Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.5	100.5
95	32.7	12.1	52.1

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.427 ng

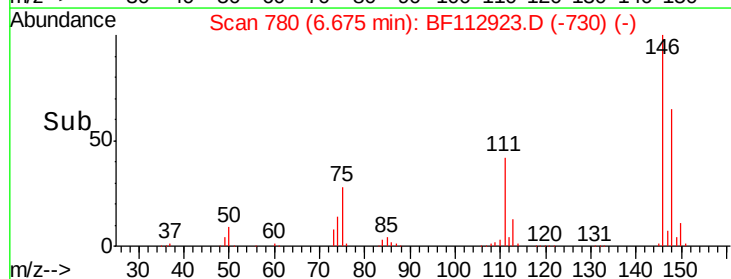
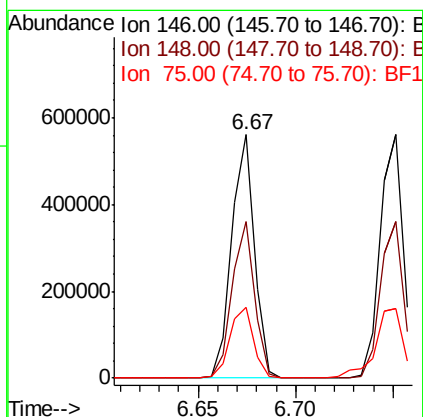
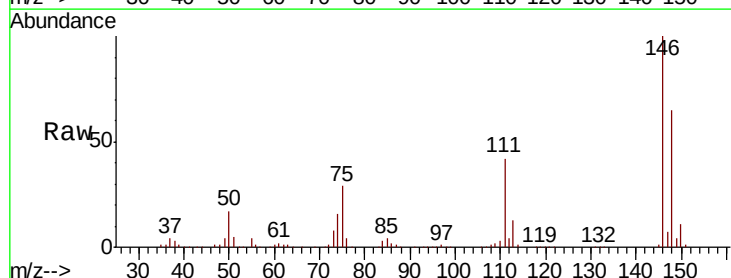
RT: 6.67 min Scan# 780

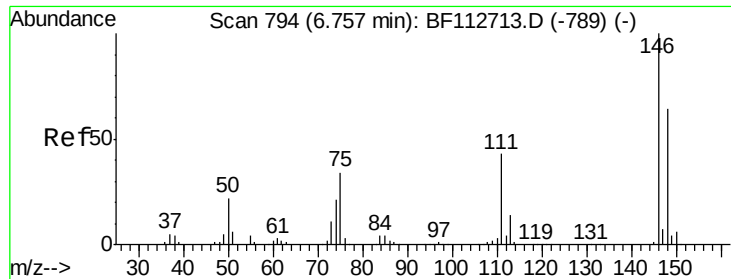
Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Tgt Ion:	146	Resp:	455835
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	29.3	26.9	40.3





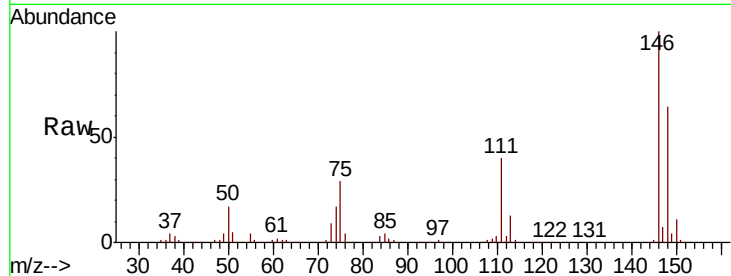
#13
1,4-Dichlorobenzene
Concen: 36.972 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

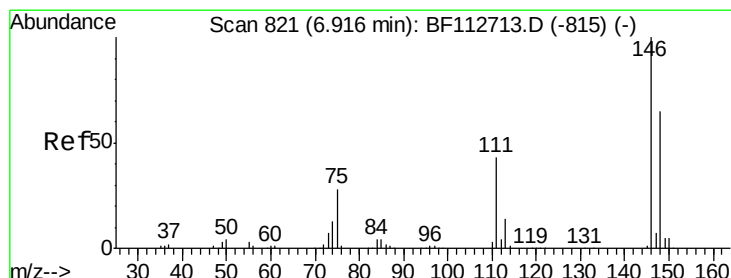
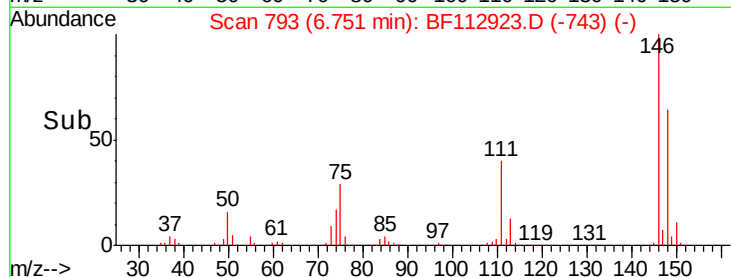
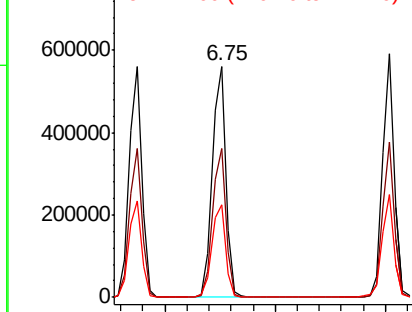
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
111	39.8	34.5	51.7

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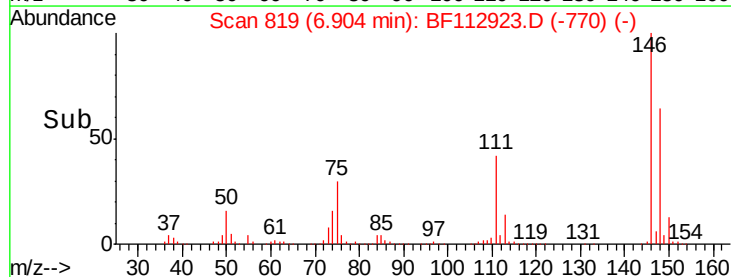
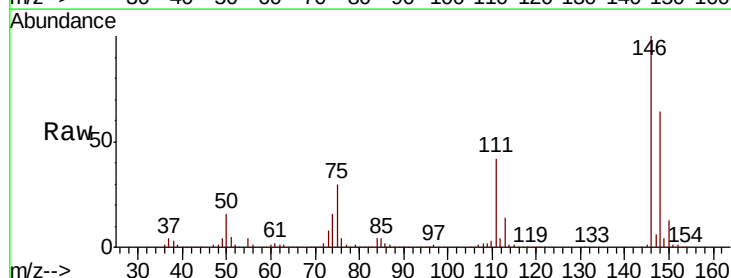
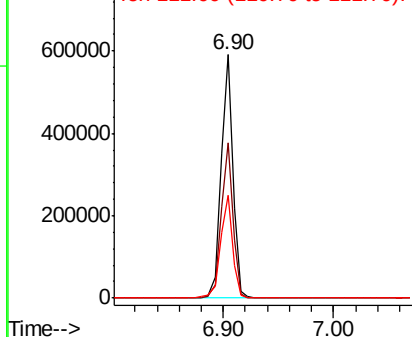
Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

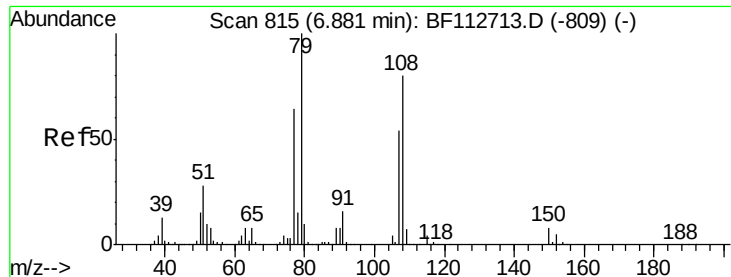


#14
1,2-Dichlorobenzene
Concen: 38.151 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	42.2	34.8	52.2

Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.471 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

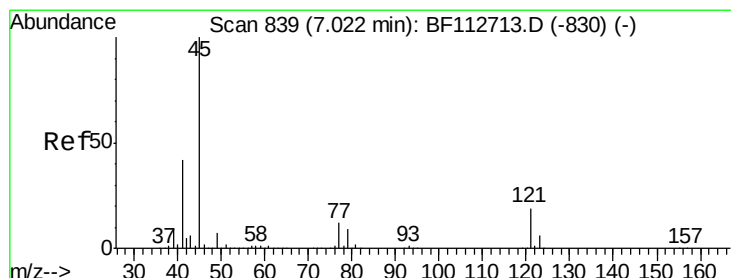
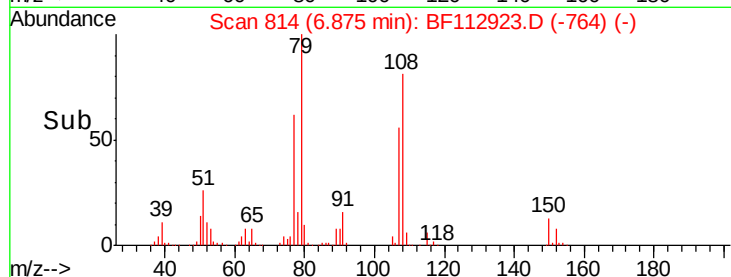
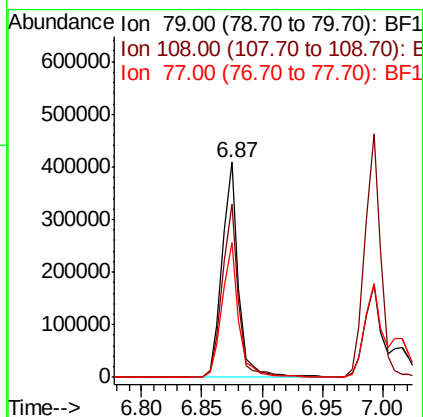
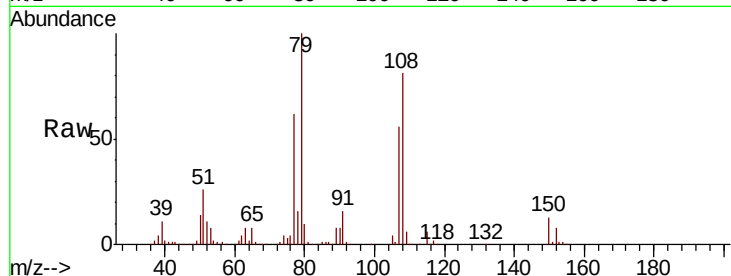
ClientSampleId :

TP-6CD-DMSD

Tot Ion:	79	Resp:	380157
Ion Ratio	Lower	Upper	
79	100		
108	80.8	64.2	96.4
77	62.4	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.937 ng

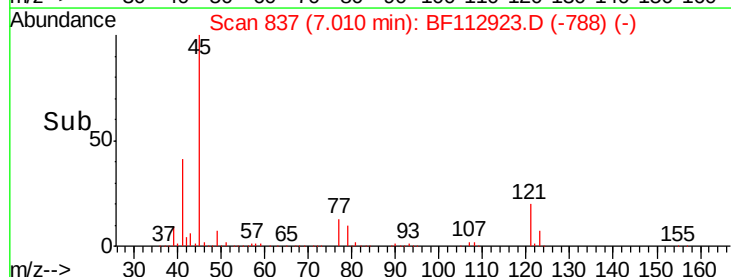
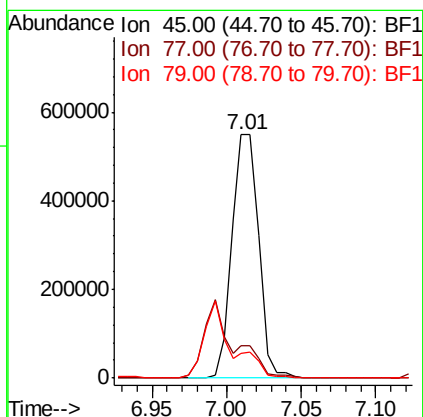
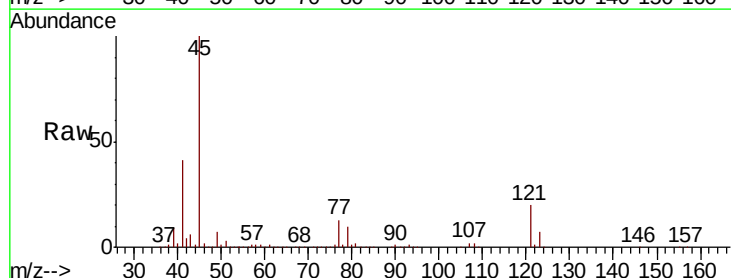
RT: 7.01 min Scan# 837

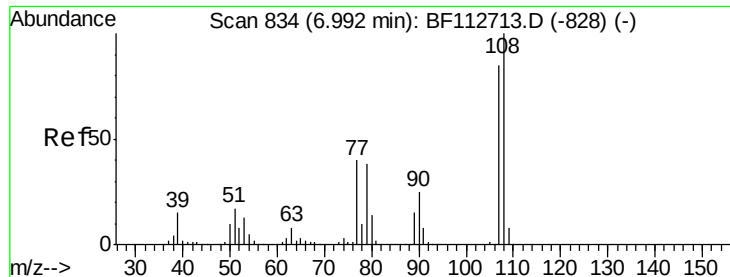
Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Tgt Ion:	45	Resp:	693409
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.1
79	10.0	0.0	29.4





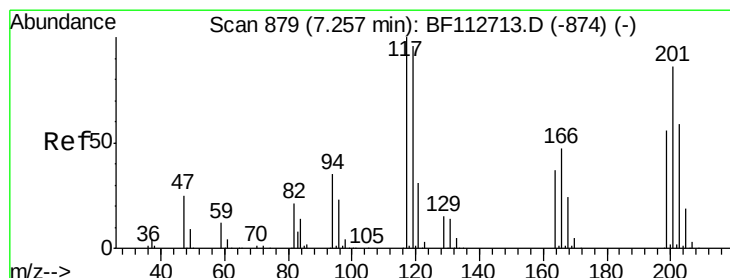
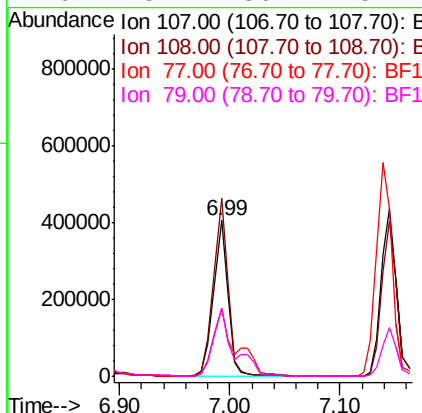
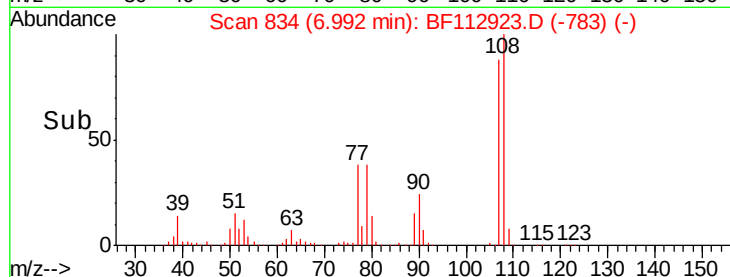
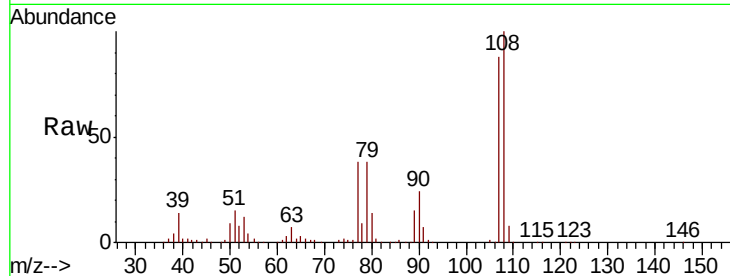
#17
2-Methylphenol
Concen: 37.190 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion:	107	Resp:	365469
Ion	Ratio	Lower	Upper
107	100		
108	113.9	94.6	142.0
77	43.8	37.8	56.8
79	43.1	36.2	54.2

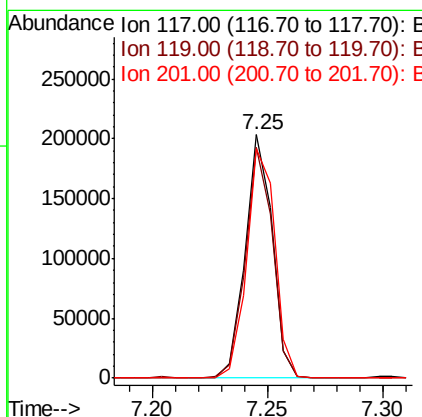
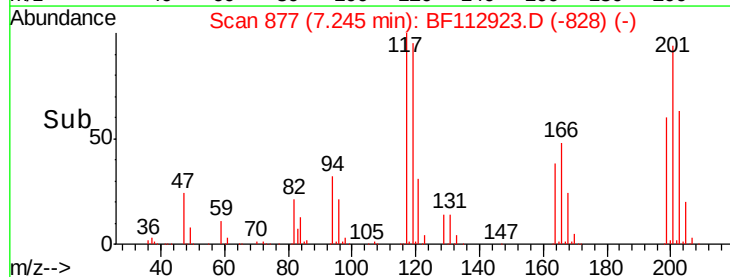
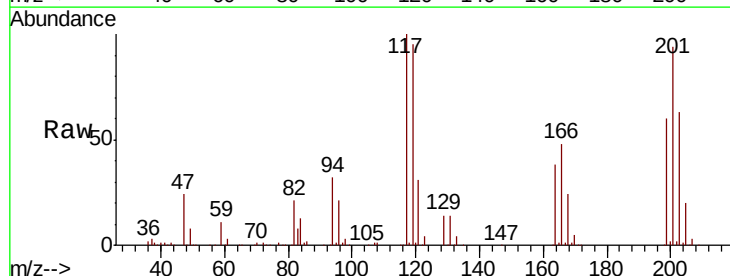
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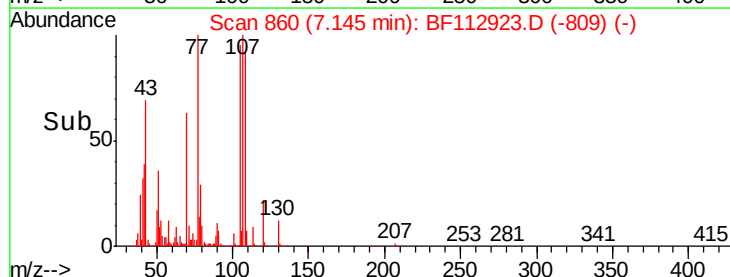
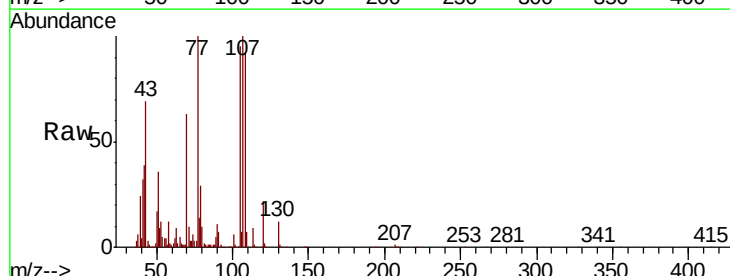
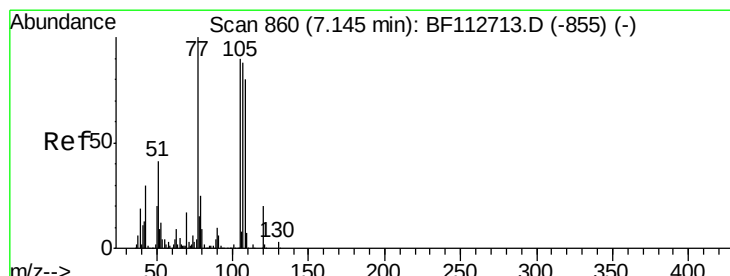
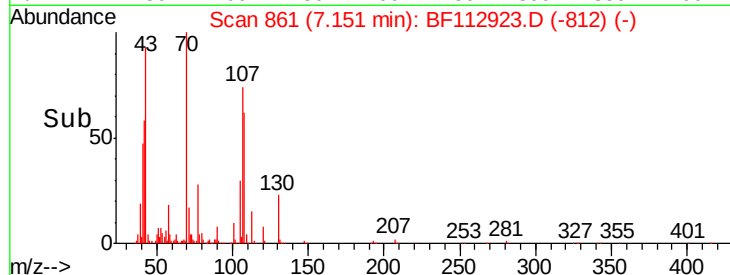
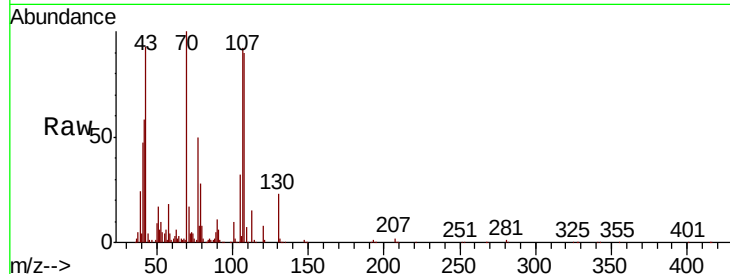
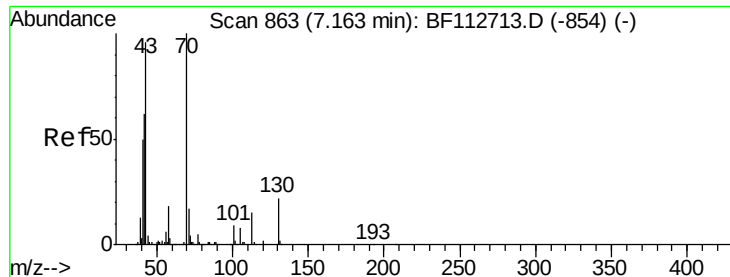
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#18
Hexachloroethane
Concen: 34.819 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

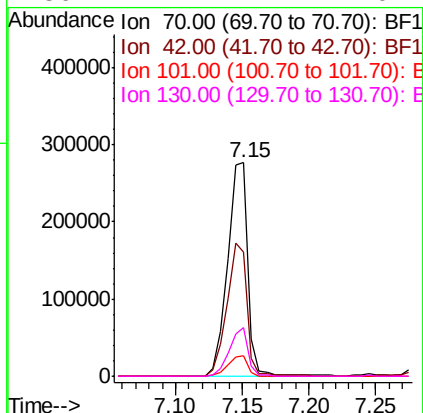
Tgt Ion:	117	Resp:	167381
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	94.3	68.9	103.3





#19
n-Nitroso-di-n-propylamine
Concen: 34.405 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.9	49.9	74.9		
101	9.8	7.4	11.2		
130	22.7	17.4	26.2		



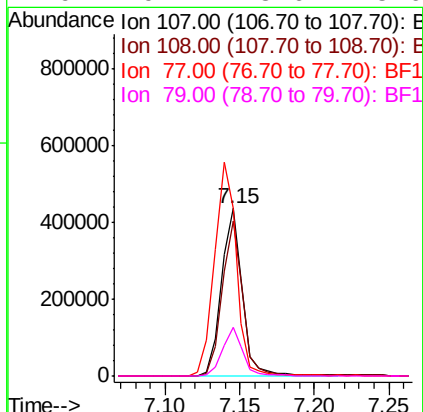
Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

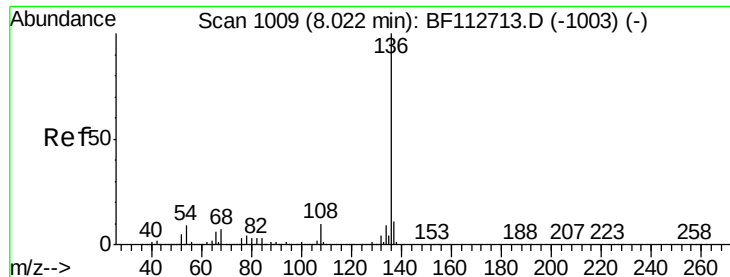
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#20
3+4-Methylphenols
Concen: 38.459 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.2	71.4	111.4		
77	100.5	94.1	134.1		
79	29.4	8.6	48.6		





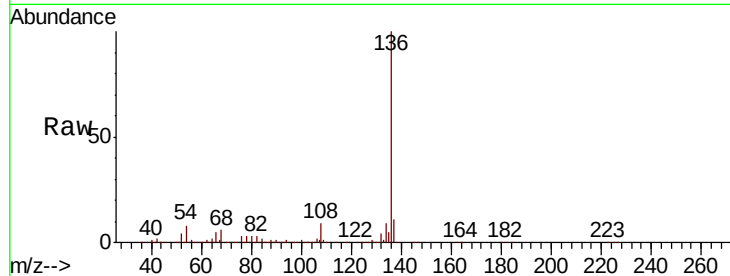
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		650921		
137	10.9		8.9	13.3	
54	7.6		7.3	10.9	
68	6.2		5.4	8.2	

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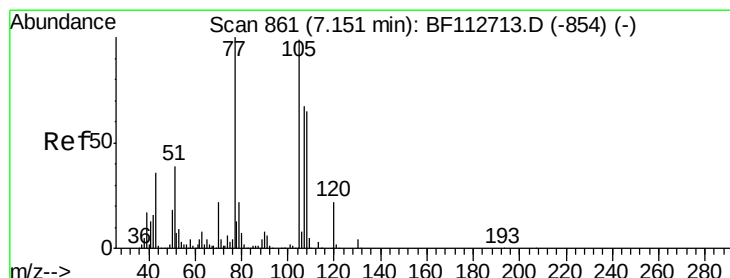
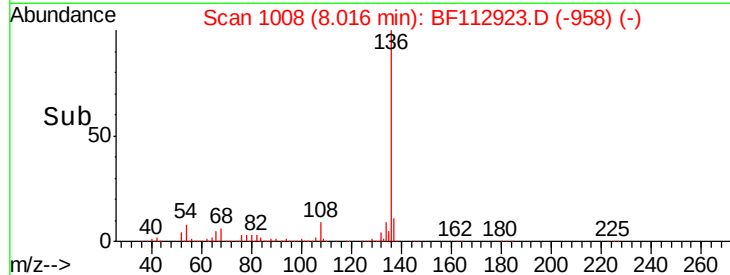
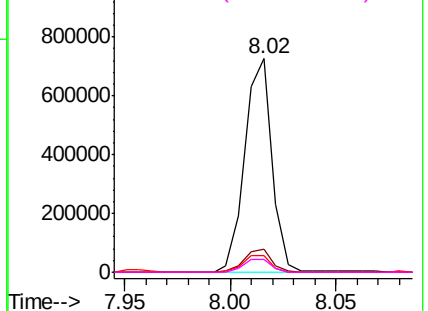
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.464 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		585433		
71	4.2		3.0	4.4	
51	33.9		31.5	47.3	
120	23.0		18.1	27.1	

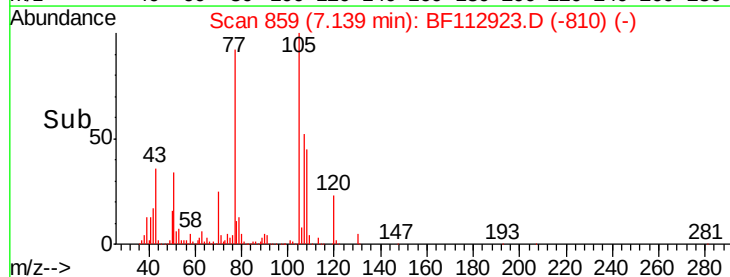
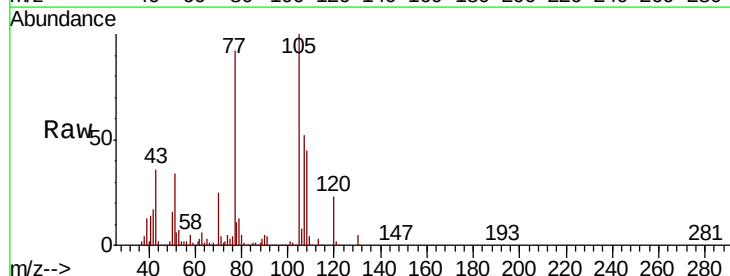
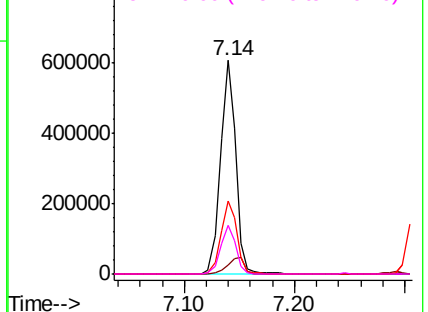
Abundance

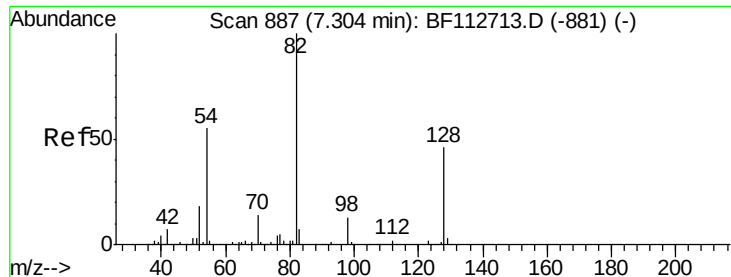
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





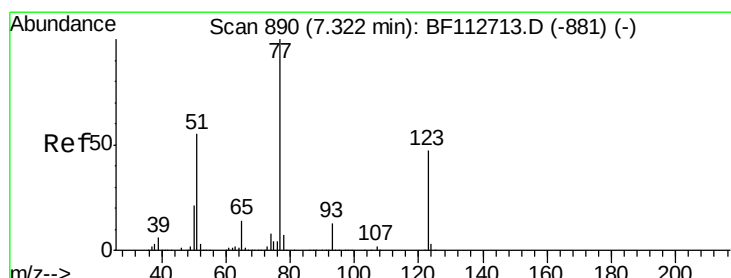
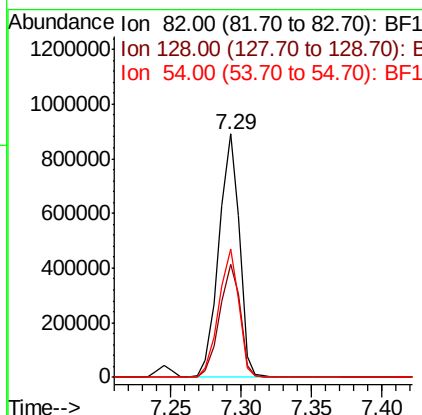
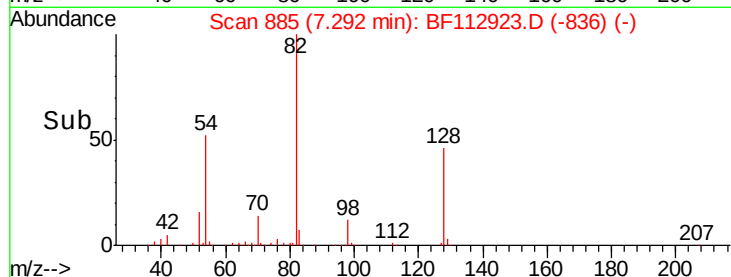
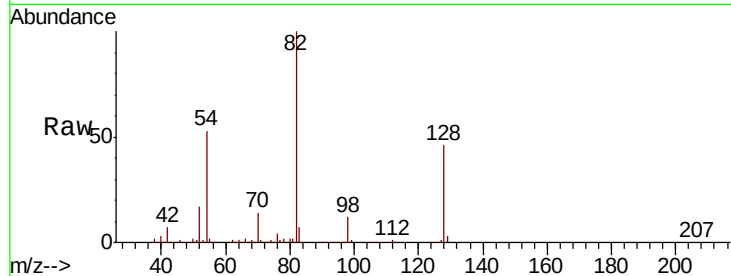
#23
 Nitrobenzene-d5
 Concen: 82.731 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	52.5	43.7	65.5

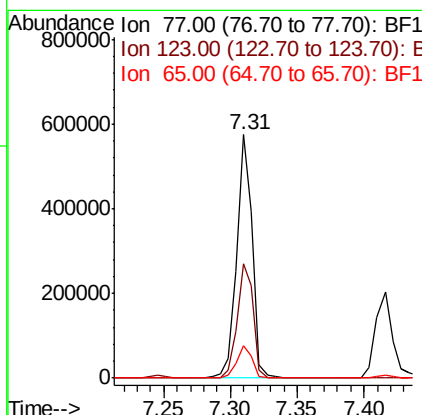
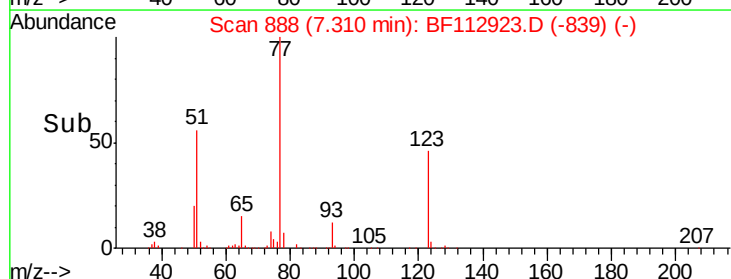
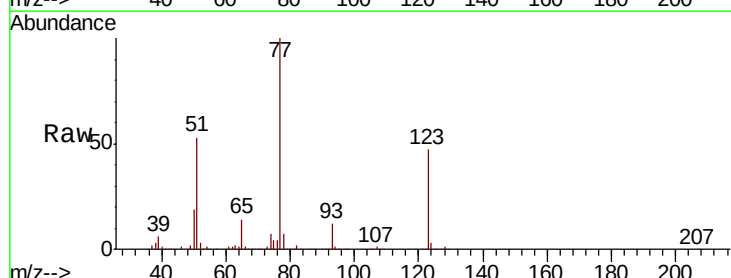
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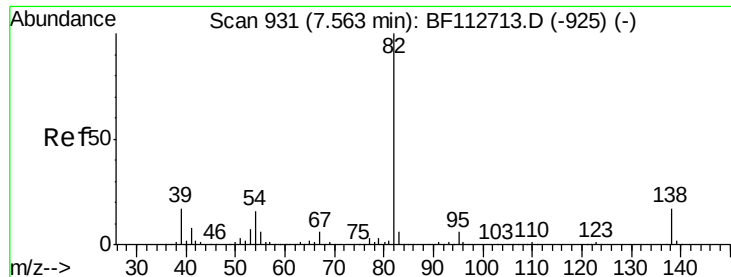
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#24
 Nitrobenzene
 Concen: 38.447 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	37.8	56.6
65	13.6	11.1	16.7





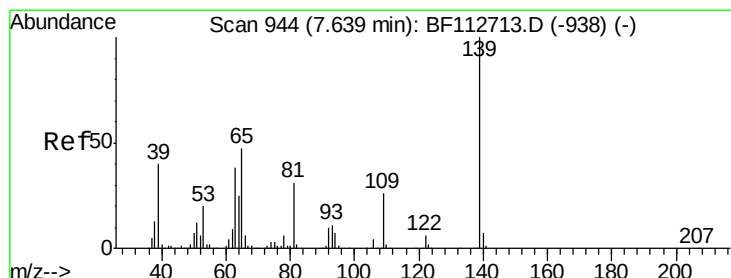
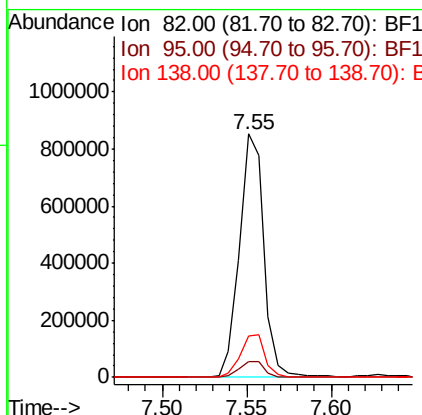
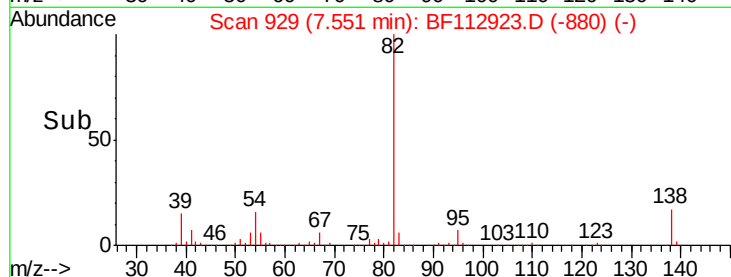
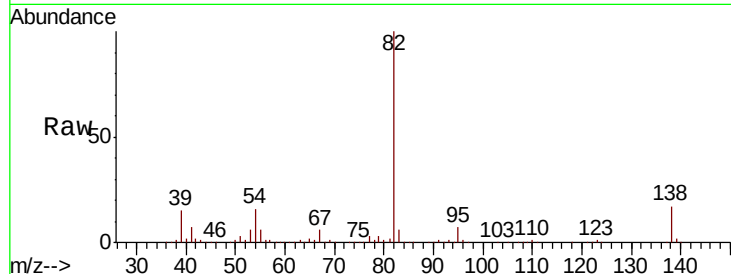
#25
Isophorone
Concen: 36.754 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.2	7.8	
138	17.1	13.8	20.8	

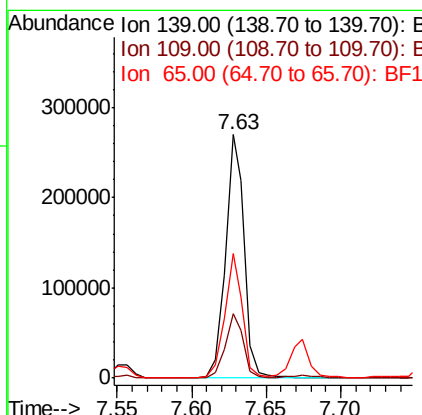
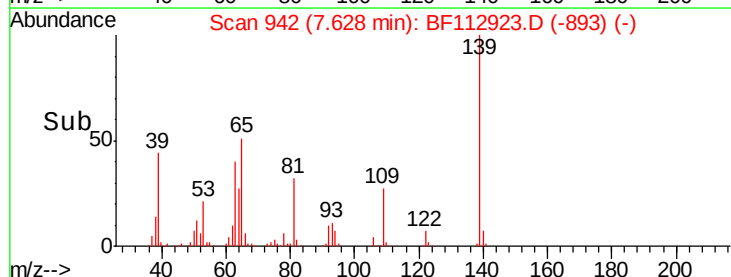
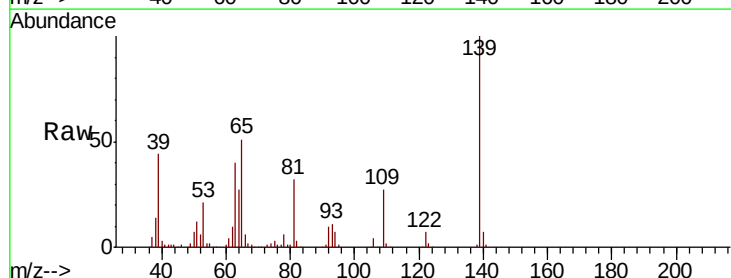
Manual Integrations
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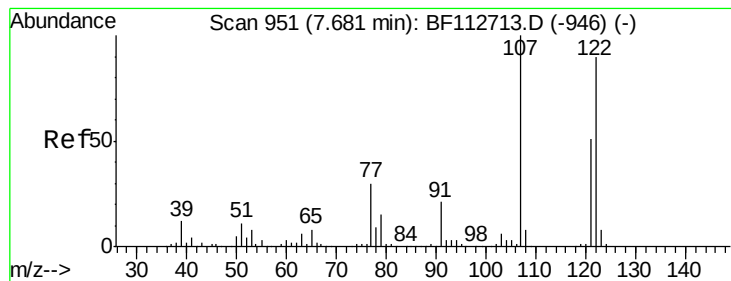
Sohil
3/8/2019 9:26:08 AM



#26
2-Nitrophenol
Concen: 47.628 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.7	20.6	31.0	
65	51.2	37.9	56.9	





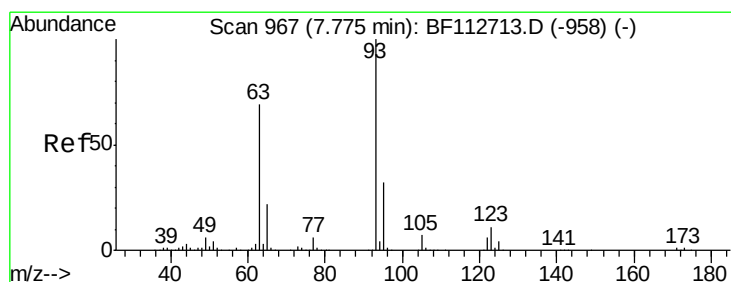
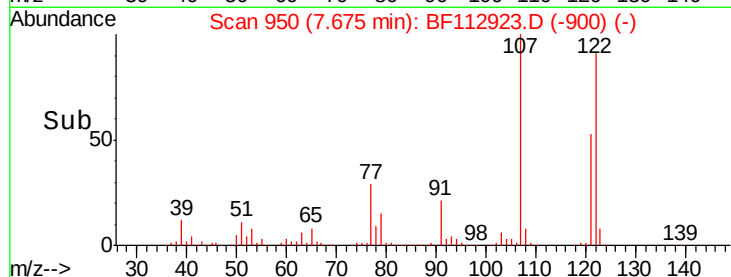
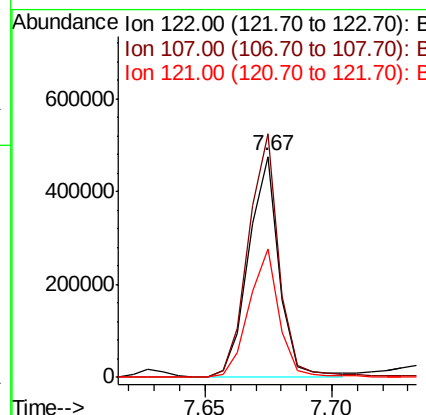
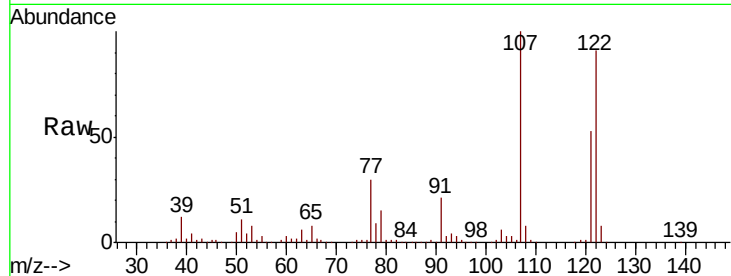
#27
 2,4-Dimethylphenol
 Concen: 42.633 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.4	134.0
121	57.9	45.5	68.3

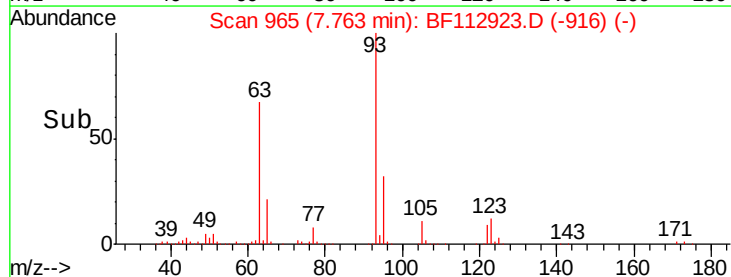
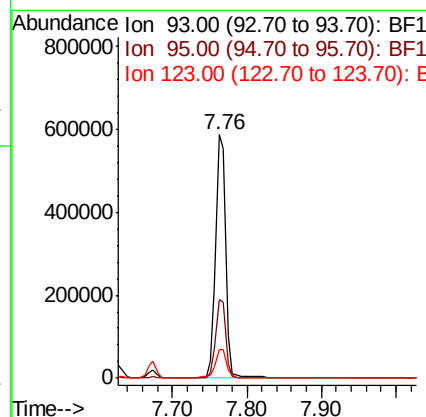
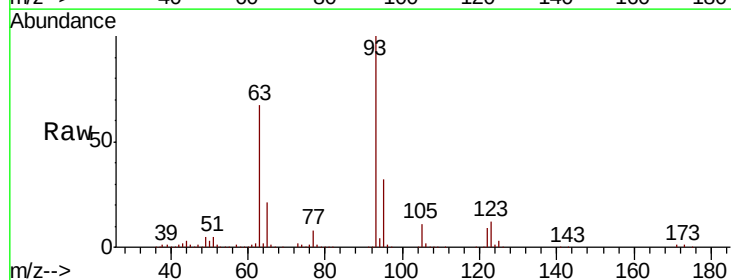
Manual Integrations
 APPROVED

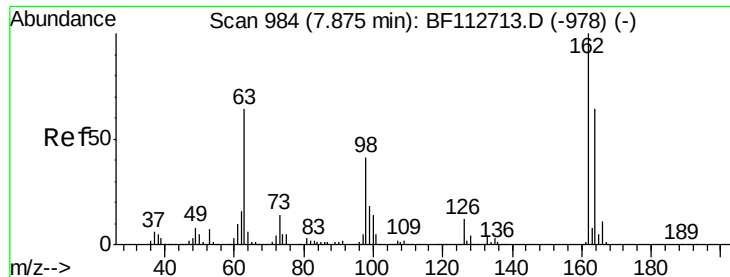
Sohil
 3/8/2019 9:26:08 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.514 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.0	39.0
123	11.7	9.3	13.9





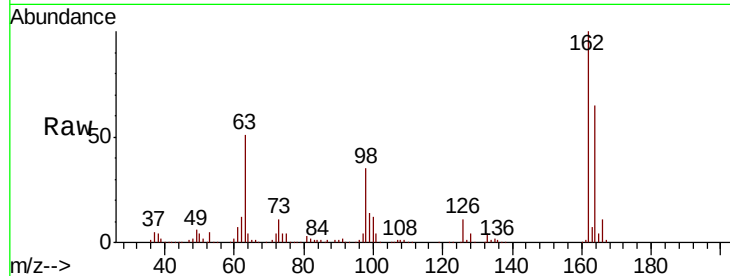
#29
2,4-Dichlorophenol
Concen: 41.639 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.0	84.0
98	35.3	20.7	60.7

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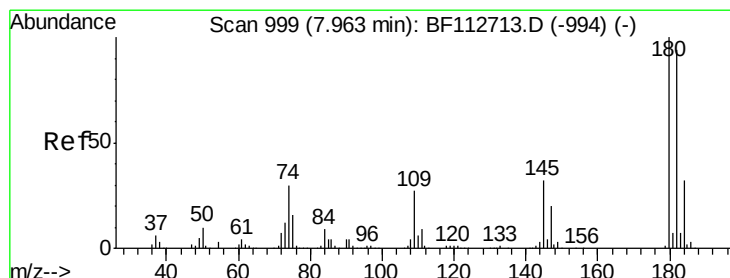
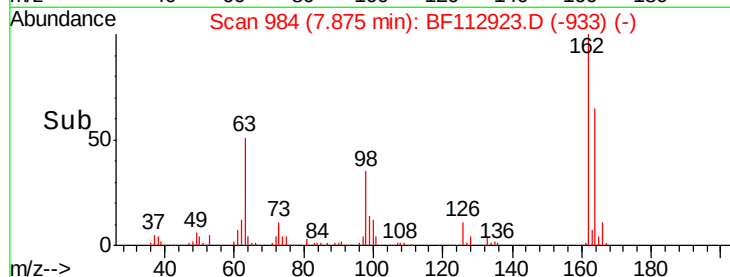
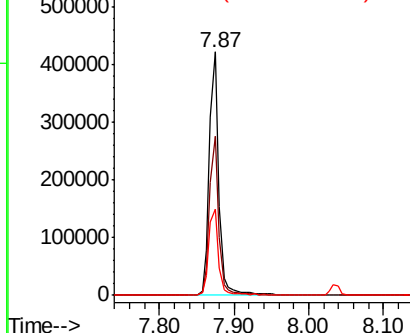


Abundance

Ion 162.00 (161.70 to 162.70): E

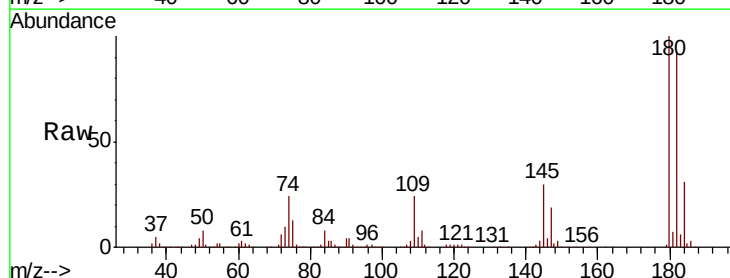
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.687 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	75.2	112.8
145	29.6	25.4	38.0

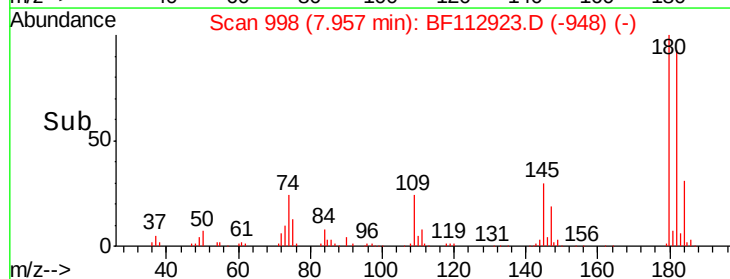
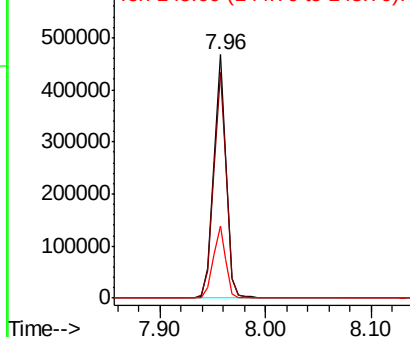


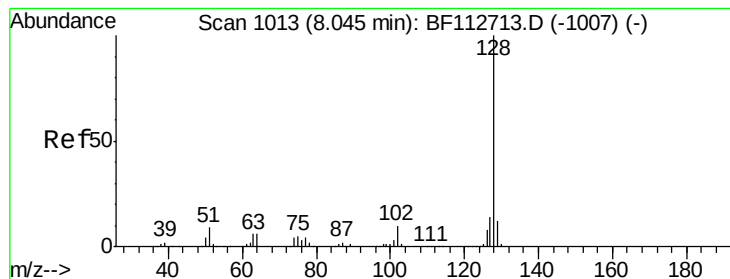
Abundance

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: 38.823 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion:128 Resp: 1254647

Ion Ratio Lower Upper

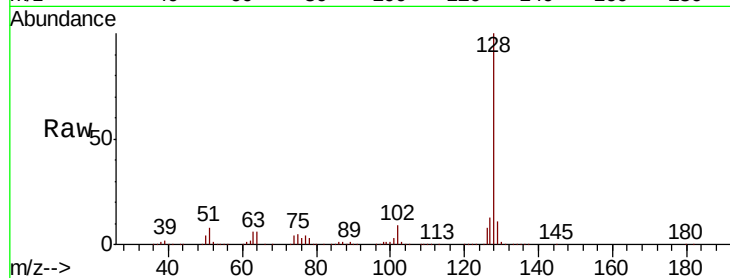
128 100

129 11.5 9.3 13.9

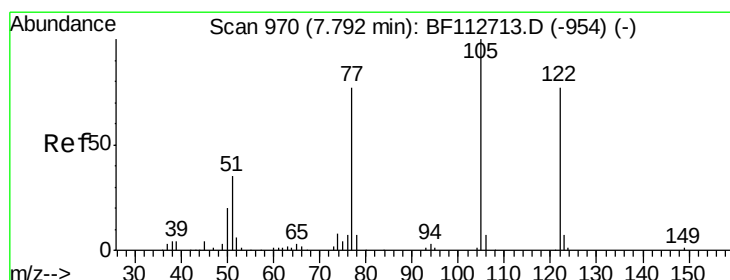
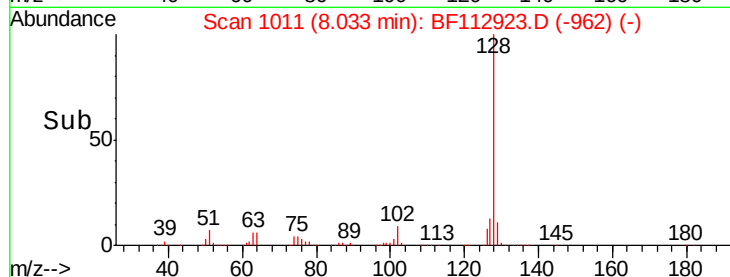
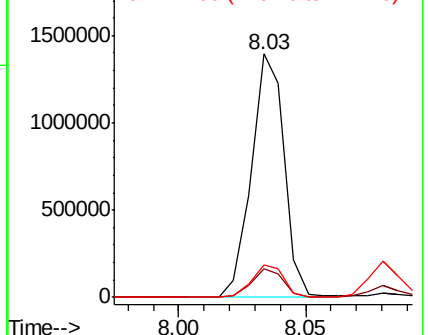
127 13.1 10.9 16.3

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



#32

Benzoic acid

Concen: 32.174 ng m

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

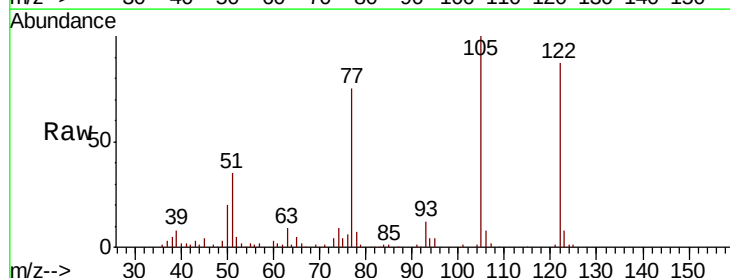
Tgt Ion:122 Resp: 211441

Ion Ratio Lower Upper

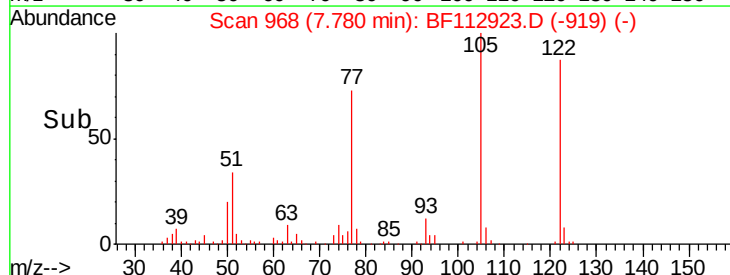
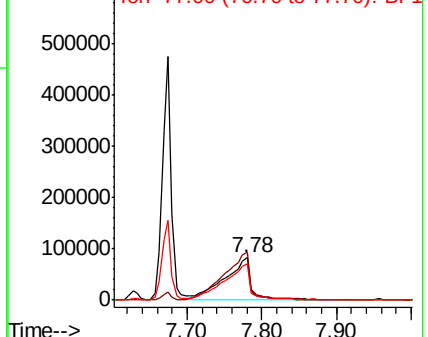
122 100

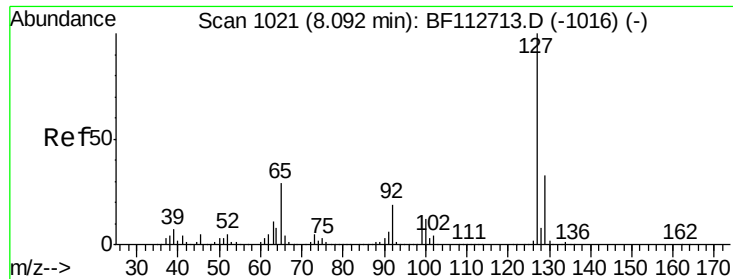
105 114.3 106.8 146.8

77 85.5 79.4 119.4



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





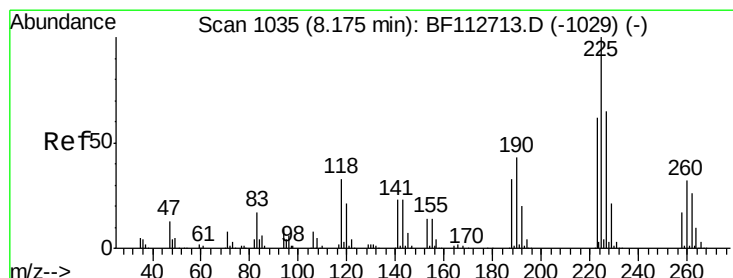
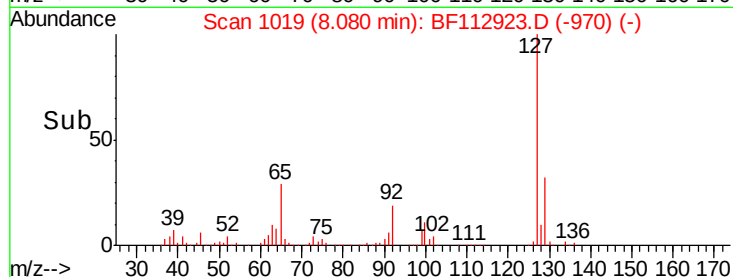
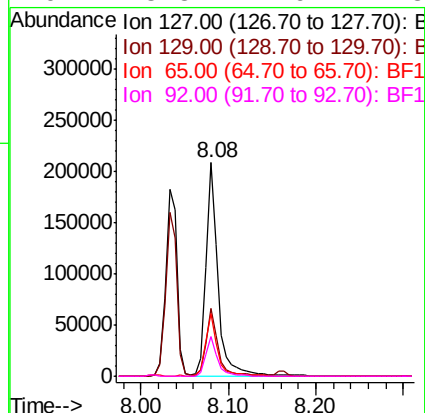
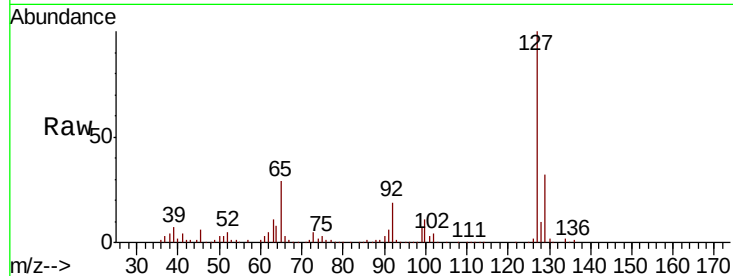
#33
4-Chloroaniline
Concen: 14.712 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		201372		
129	31.9	26.4	39.6		
65	29.3	23.1	34.7		
92	18.8	14.9	22.3		

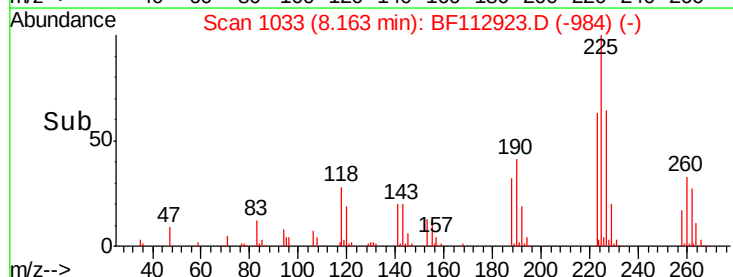
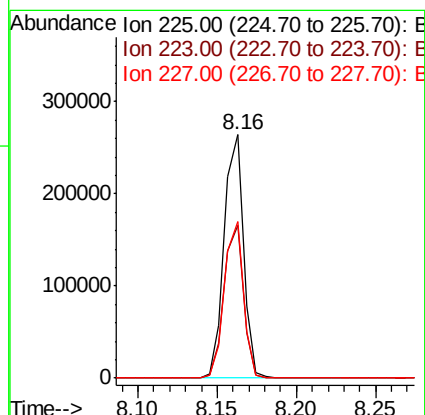
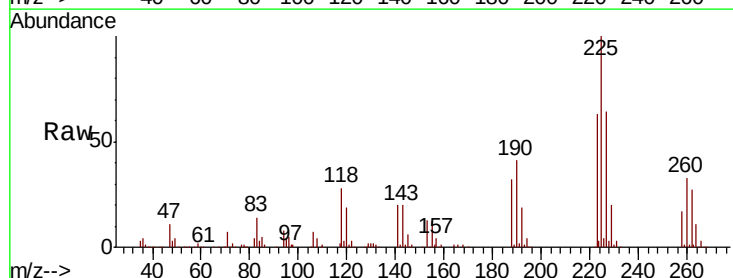
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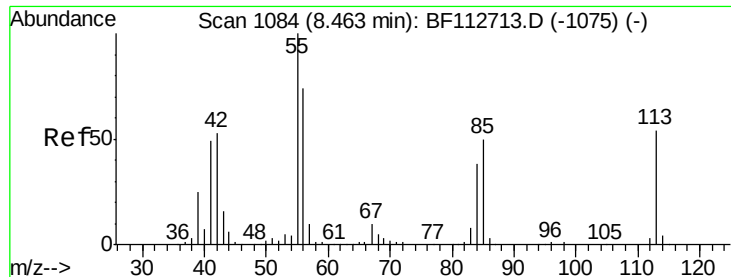
Sohil
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#34
Hexachlorobutadiene
Concen: 40.739 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		224474		
223	62.6	49.7	74.5		
227	64.5	52.1	78.1		





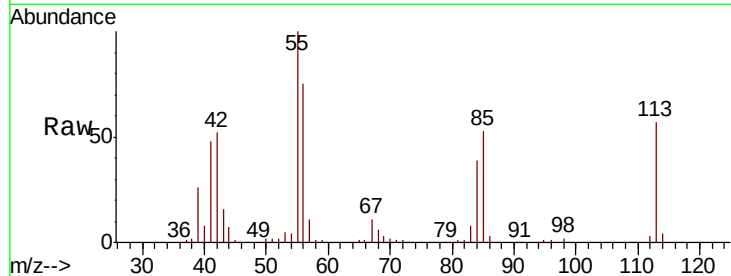
#35
Caprolactam
Concen: 39.941 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	174.0	163.5	203.5
56	130.7	115.3	155.3

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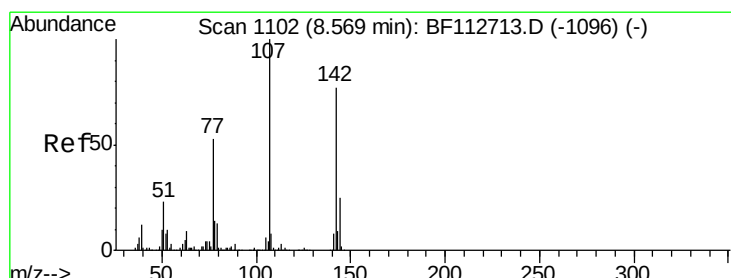
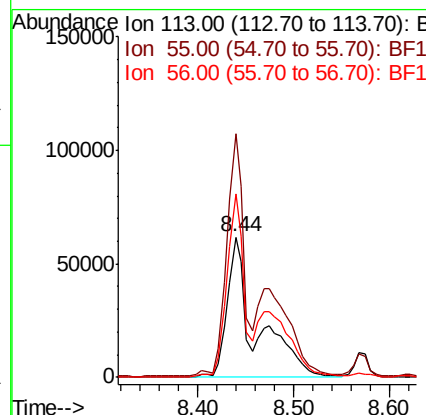
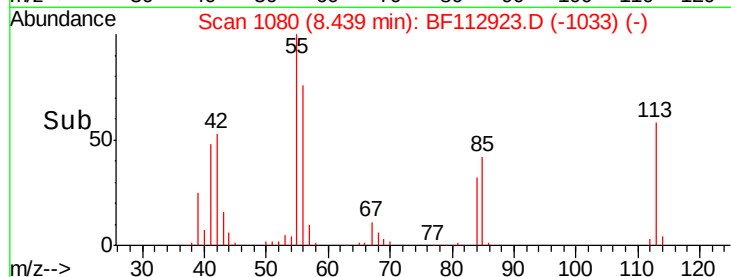


Abundance

Ion 113.00 (112.70 to 113.70): E

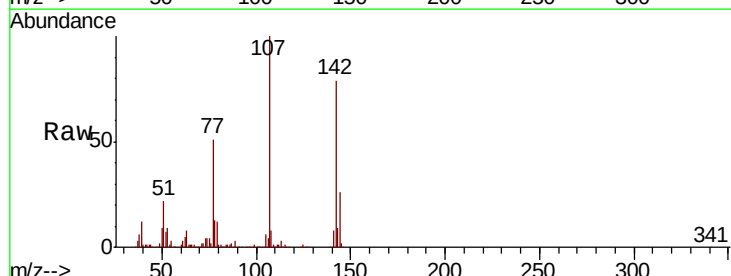
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 39.426 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.1	30.1
142	78.6	61.9	92.9

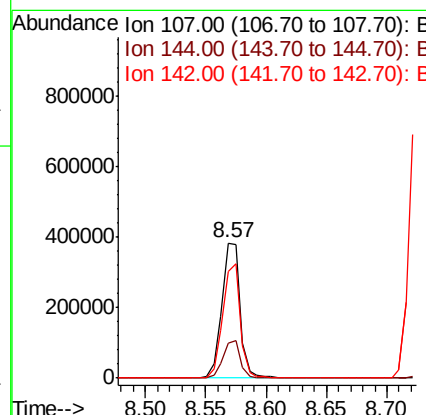
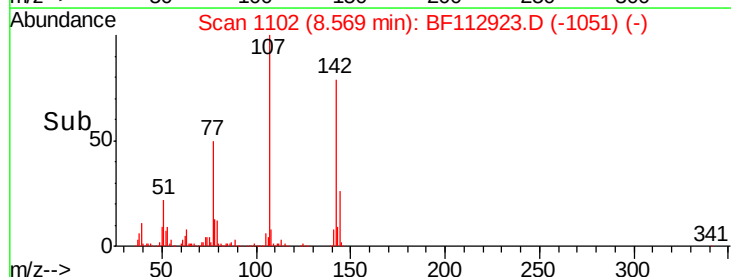


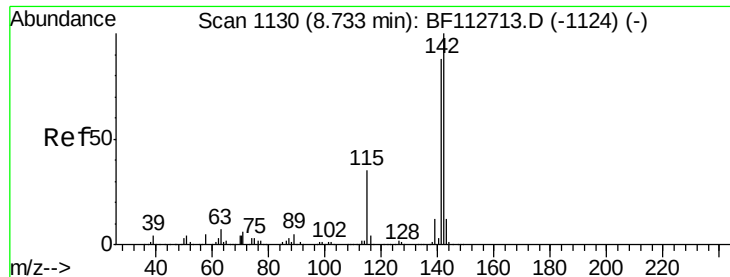
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





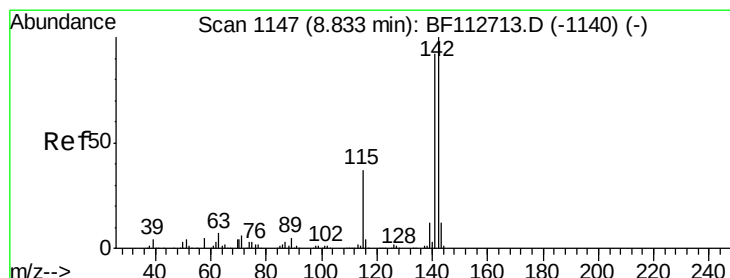
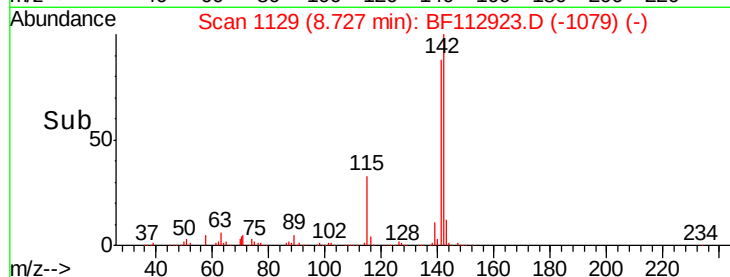
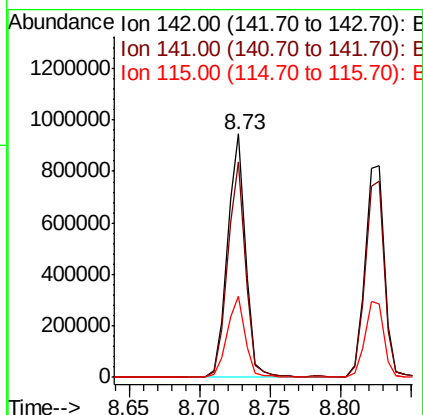
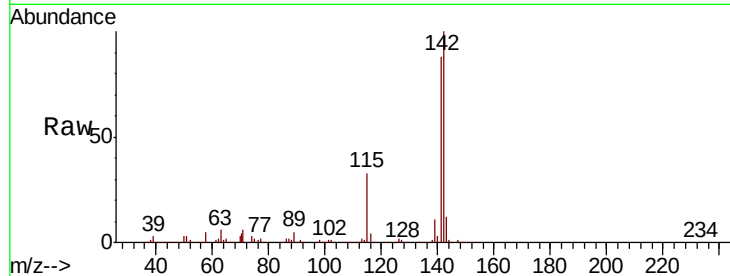
#37
2-Methylnaphthalene
Concen: 40.235 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	33.2	27.8	41.6

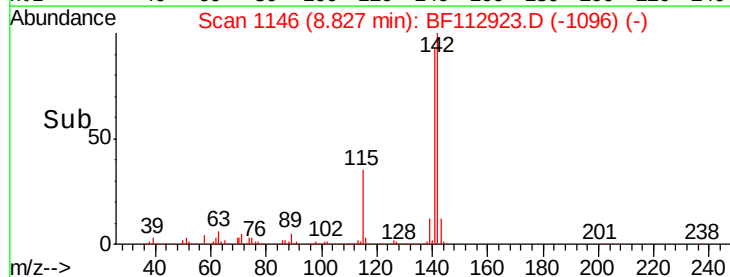
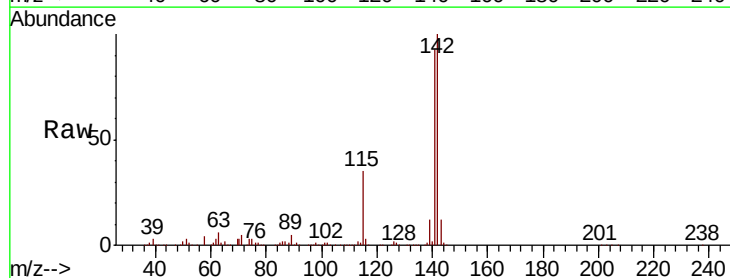
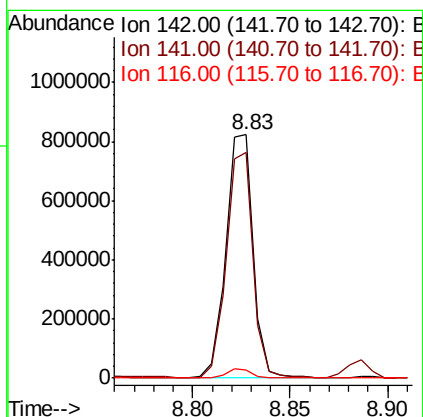
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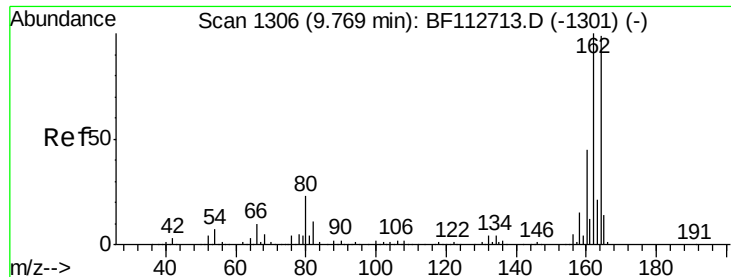
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#38
1-Methylnaphthalene
Concen: 39.003 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.7	110.5
116	3.4	3.1	4.7





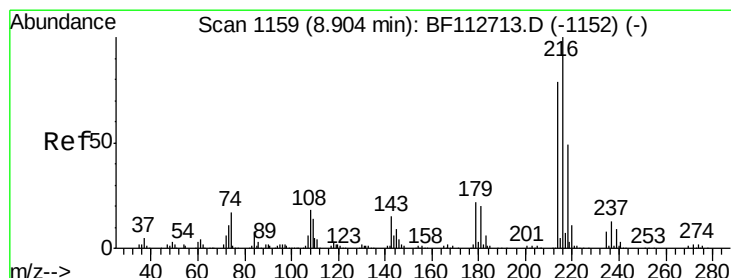
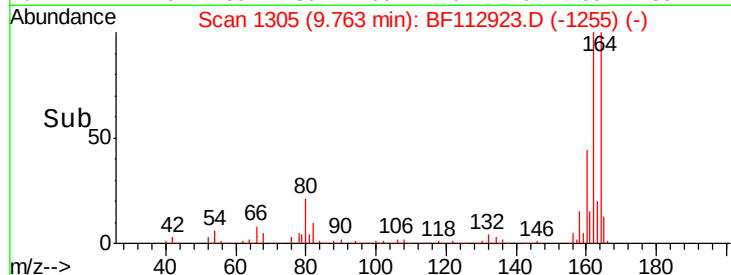
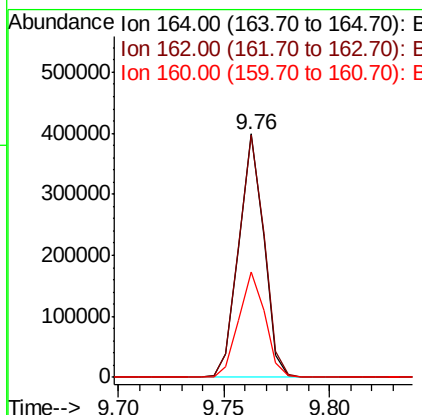
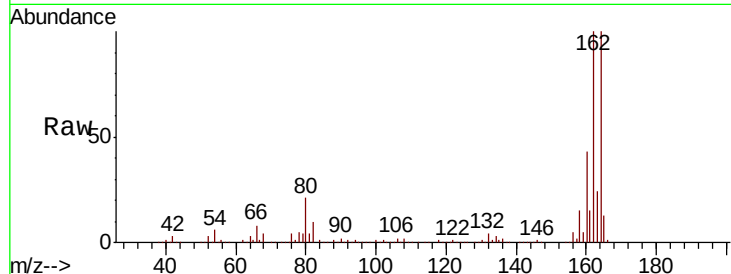
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	43.5	36.0	54.0

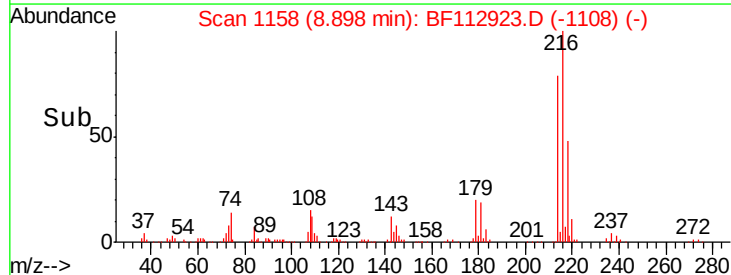
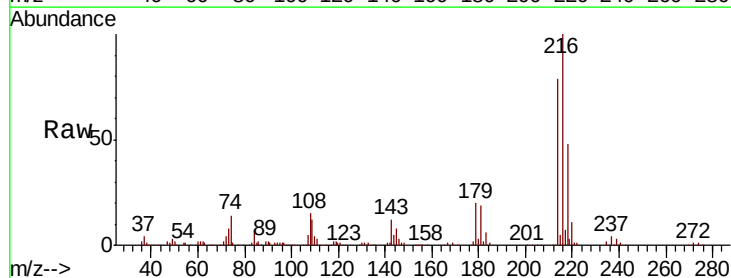
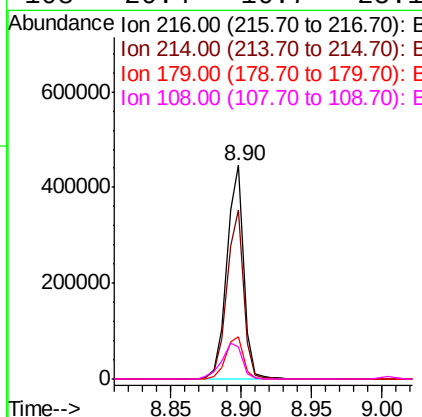
Manual Integrations
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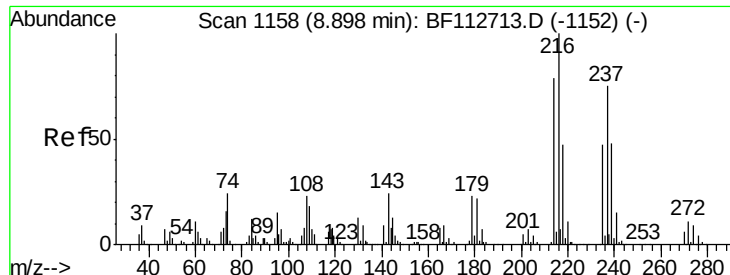
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.794 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	20.7	17.5	26.3
108	20.4	16.7	25.1





#41

Hexachlorocyclopentadiene

Concen: 81.768 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

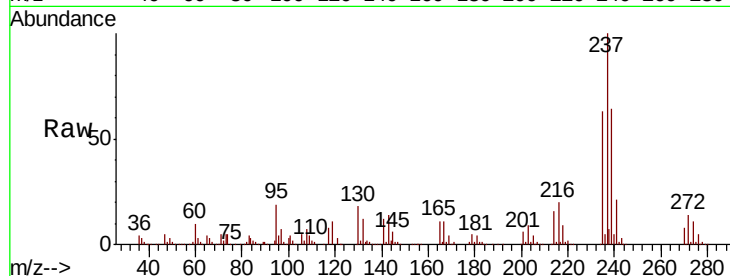
ClientSampleId :

TP-6CD-DMSD

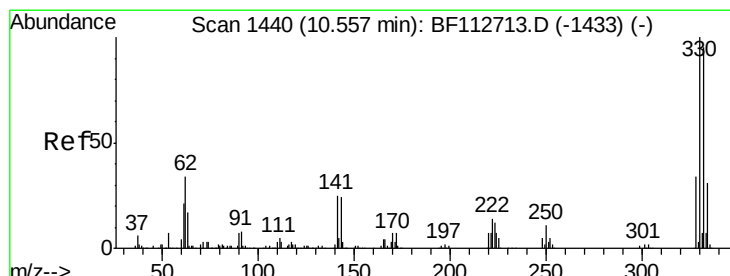
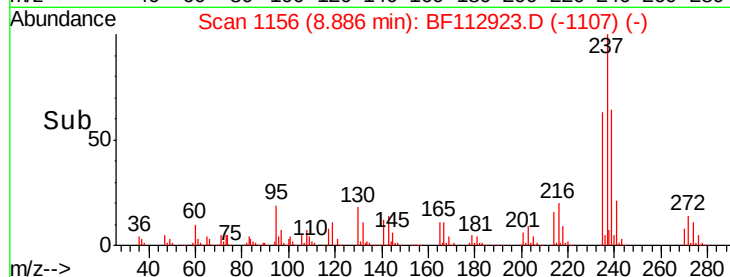
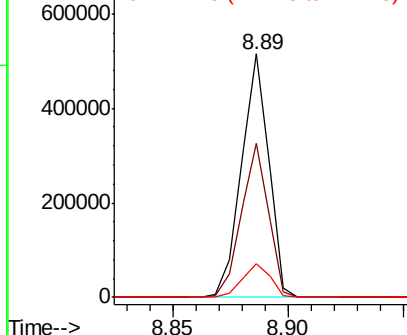
Tot Ion:	237	Resp:	425408
Ion Ratio	Lower	Upper	
237	100		
235	63.4	42.2	82.2
272	14.0	0.0	34.0

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



#42

2,4,6-Tribromophenol

Concen: 121.973 ng

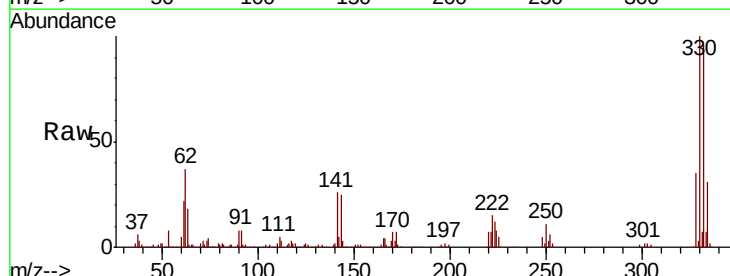
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

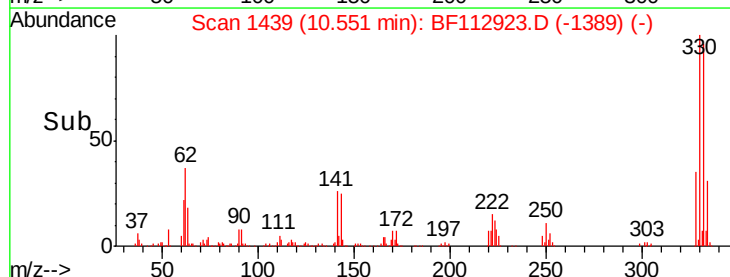
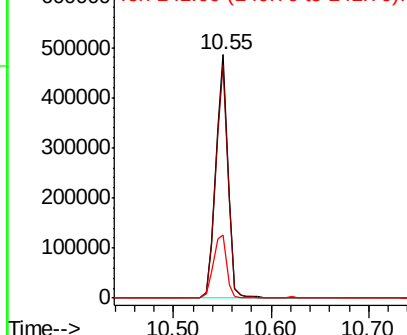
Lab File: BF112923.D

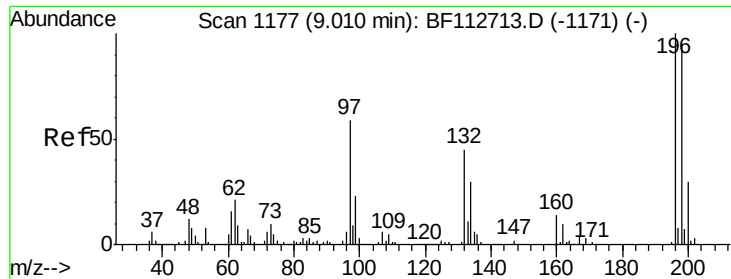
Acq: 7 Mar 2019 16:08

Tgt Ion:	330	Resp:	421881
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.2	114.4
141	28.6	27.0	40.6



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





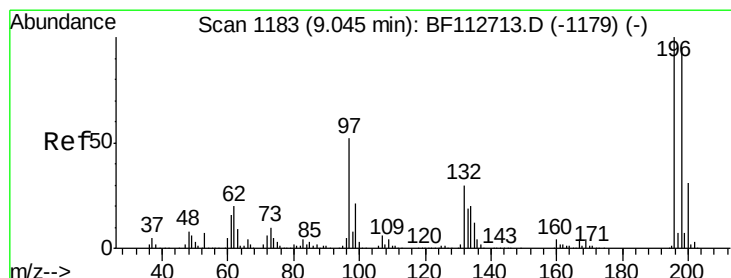
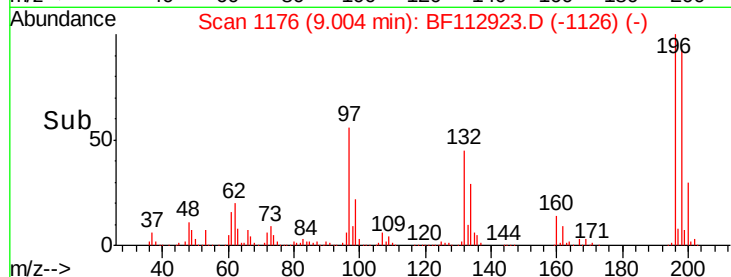
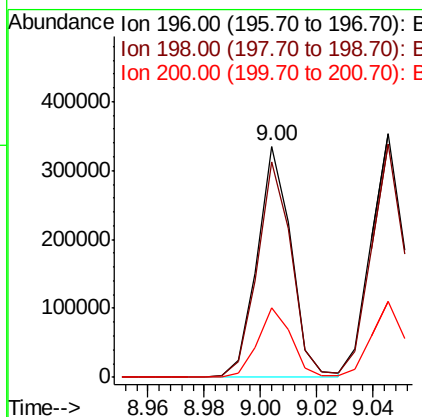
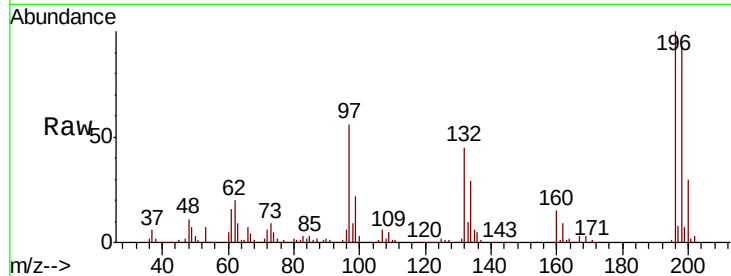
#43
 2,4,6-Trichlorophenol
 Concen: 42.748 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion:	196	Resp:	279513
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.8	113.8
200	30.0	24.3	36.5

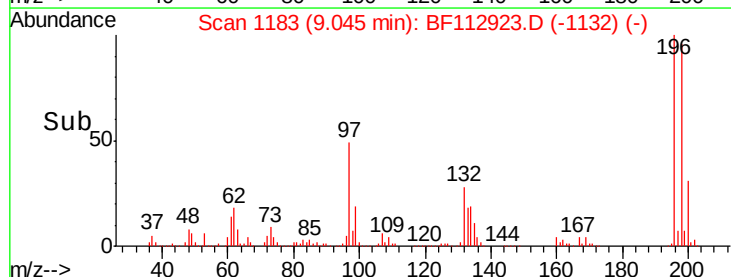
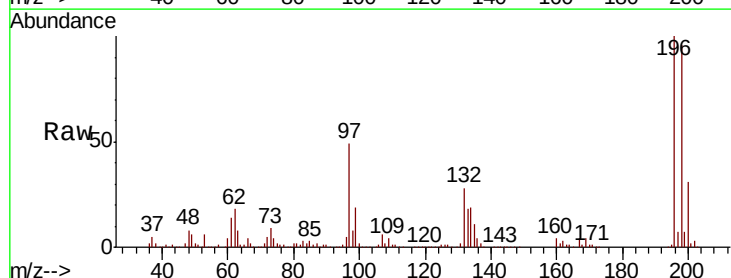
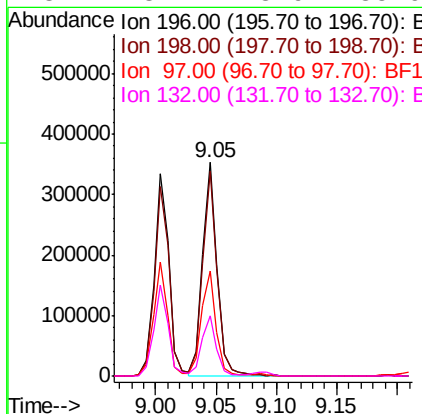
Manual Integrations
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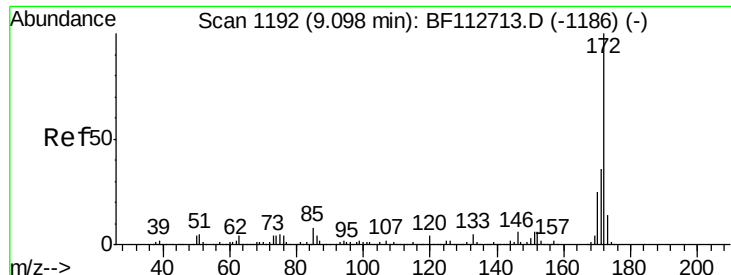
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#44
 2,4,5-Trichlorophenol
 Concen: 42.176 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:	196	Resp:	298077
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.2	114.2
97	49.1	41.5	62.3
132	28.4	23.9	35.9





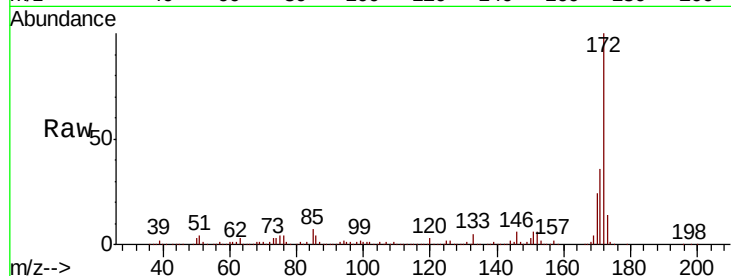
#45
2-Fluorobiphenyl
Concen: 62.373 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.5	20.0	30.0

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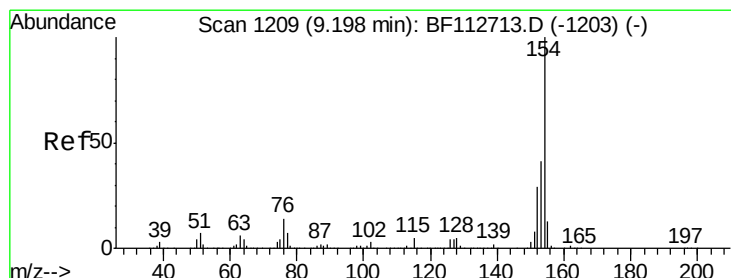
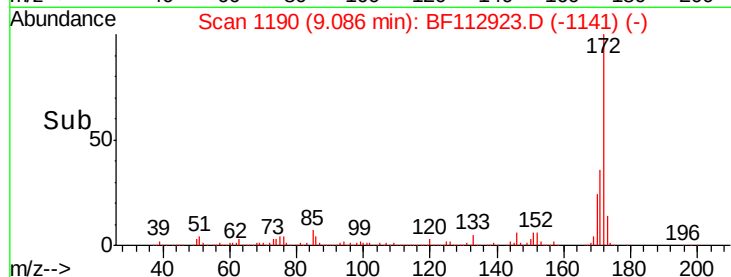
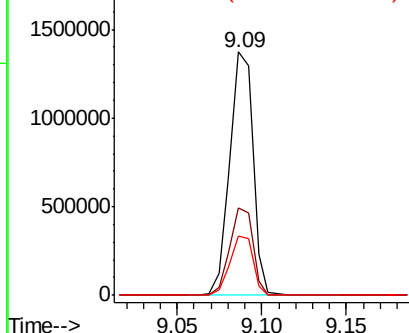


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.156 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

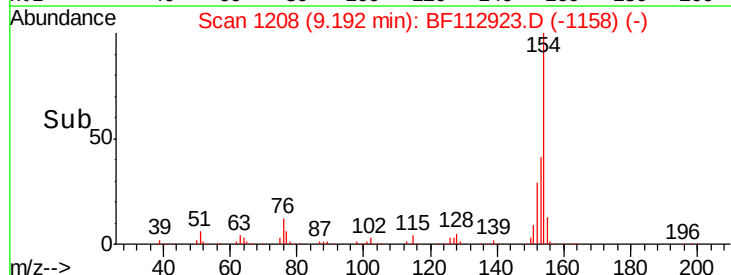
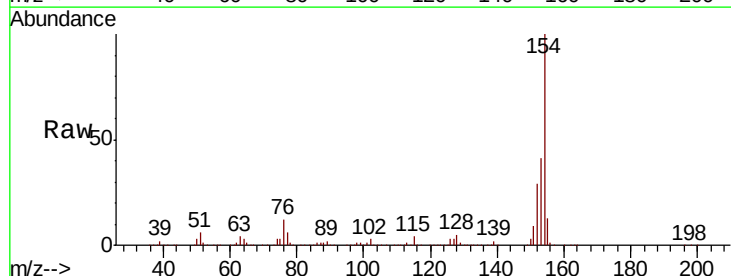
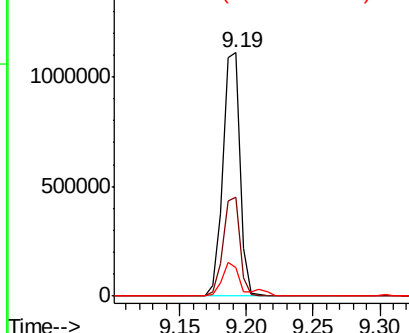
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	11.8	0.0	33.8

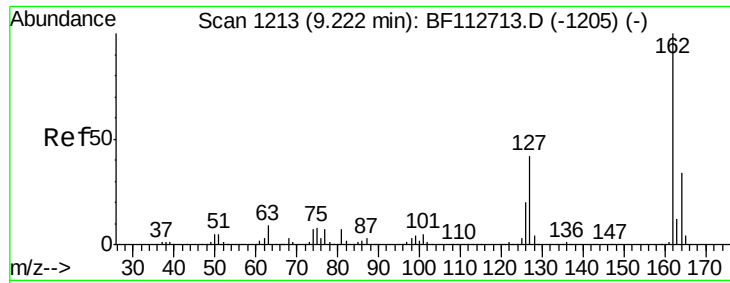
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





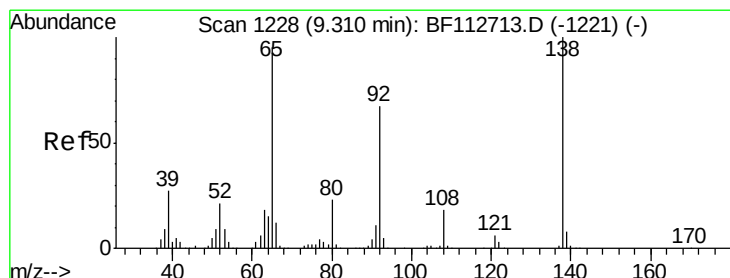
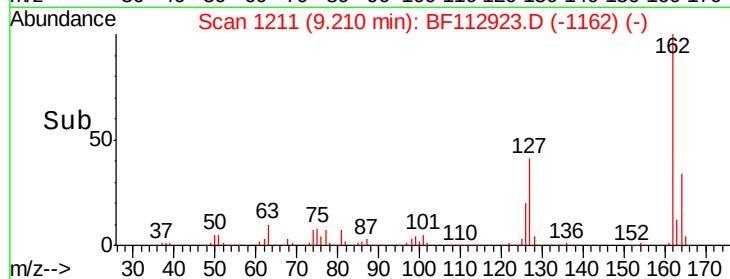
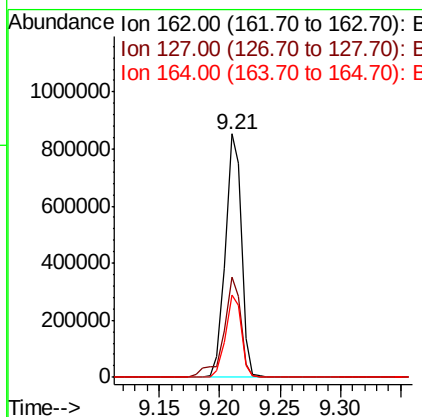
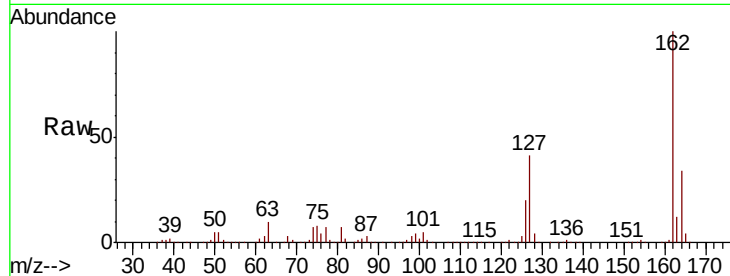
#47
2-Chloronaphthalene
Concen: 37.878 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.4	50.2
164	33.6	26.9	40.3

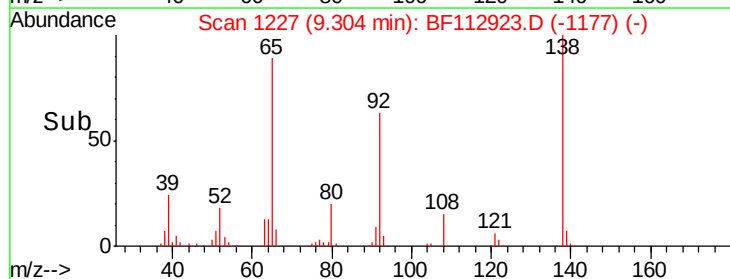
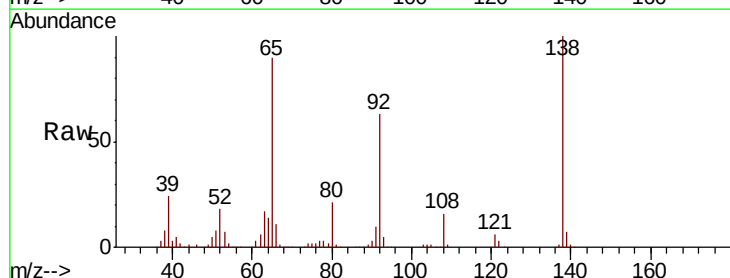
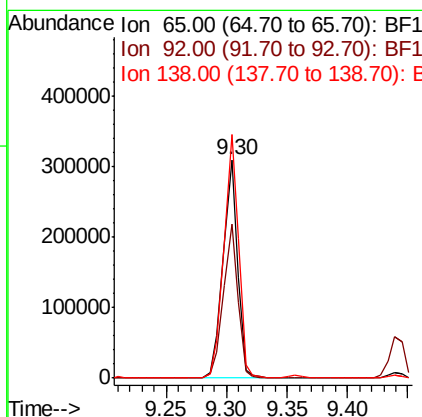
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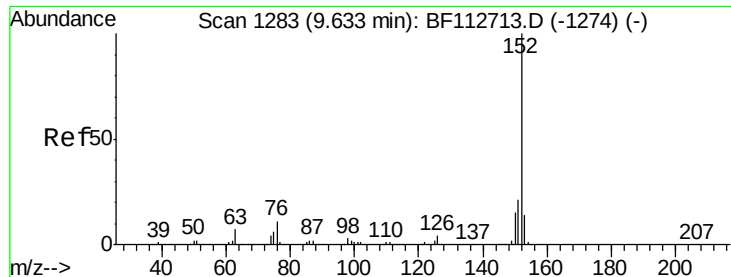
Sohil
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#48
2-Nitroaniline
Concen: 40.993 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	56.4	84.6
138	111.6	84.6	126.8





#49

Acenaphthylene

Concen: 36.192 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion:152 Resp: 1274910

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

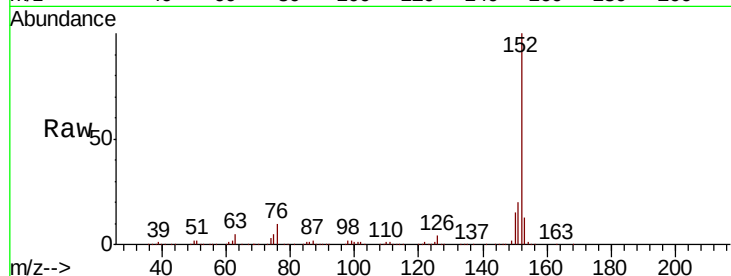
153 13.1 11.0 16.6

Manual Integrations

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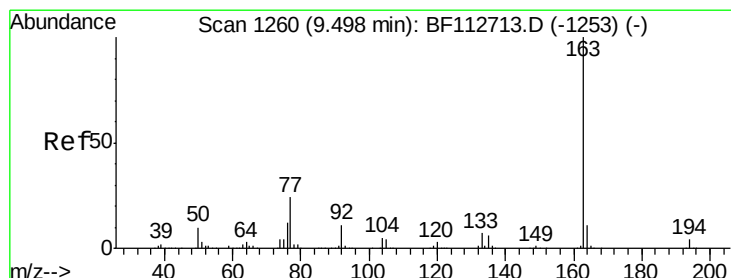
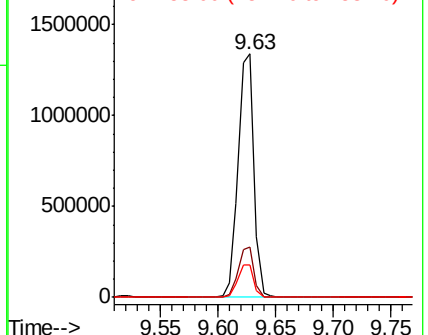
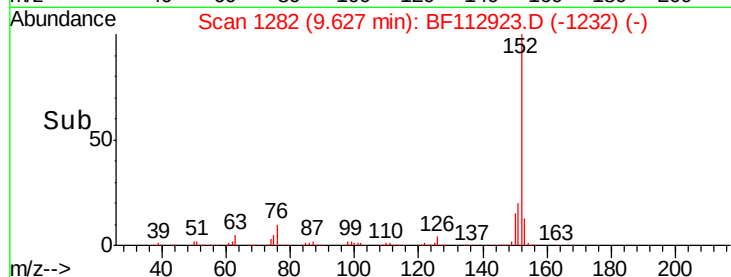
3/8/2019 9:26:08 AM



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: 43.495 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

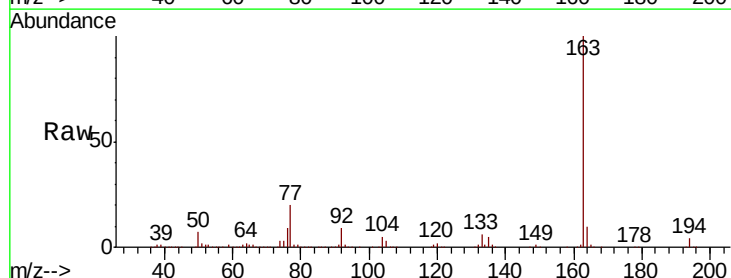
Tgt Ion:163 Resp: 1044892

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

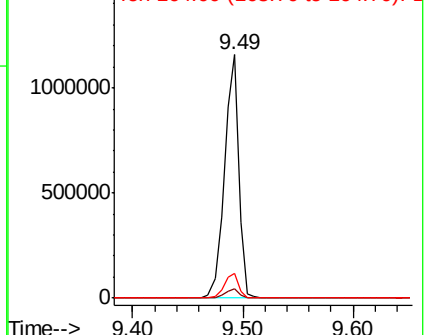
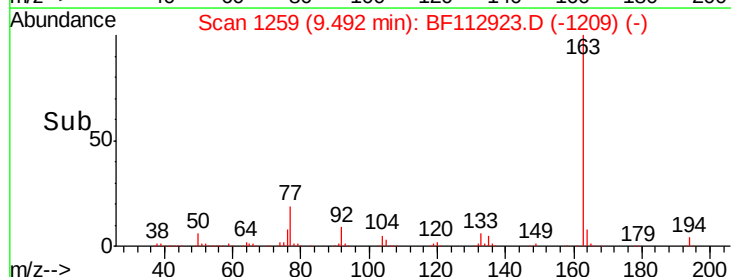
164 10.2 8.4 12.6

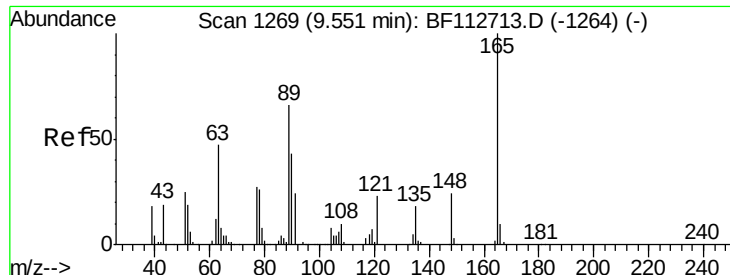


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





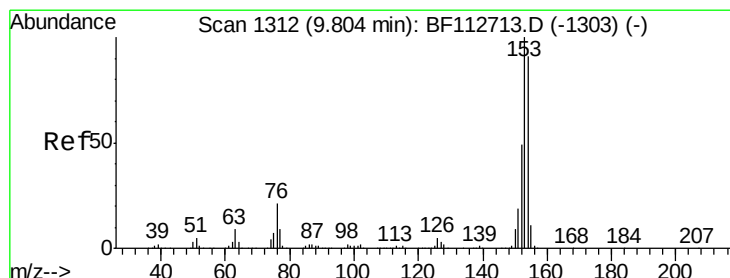
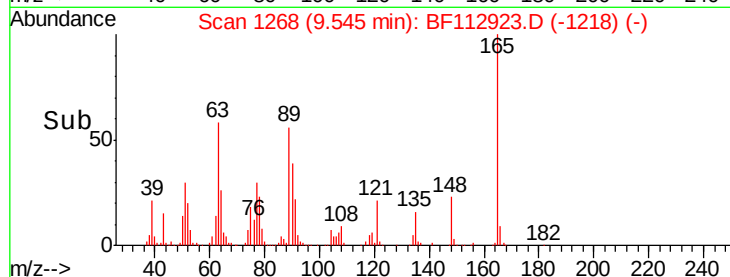
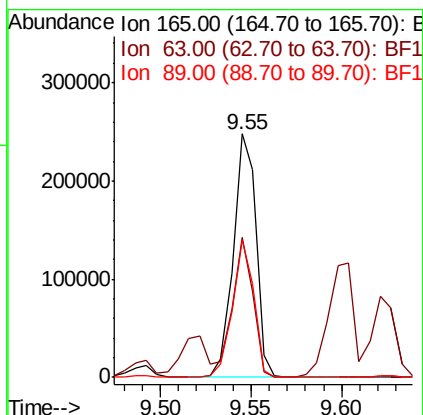
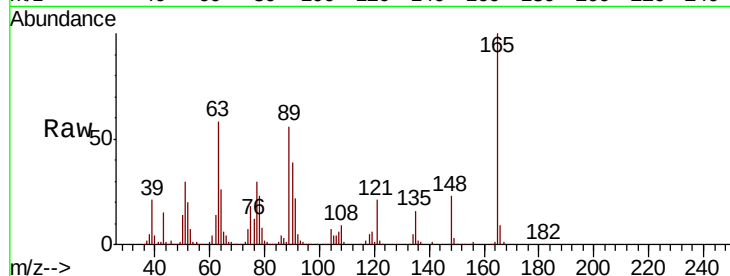
#51
2,6-Dinitrotoluene
Concen: 43.137 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	215798		
63	57.6		54.1	81.1
89	56.3		52.8	79.2

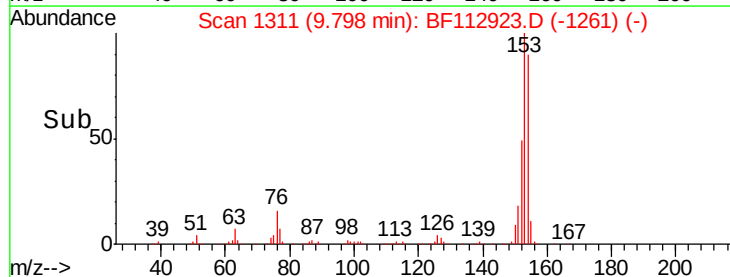
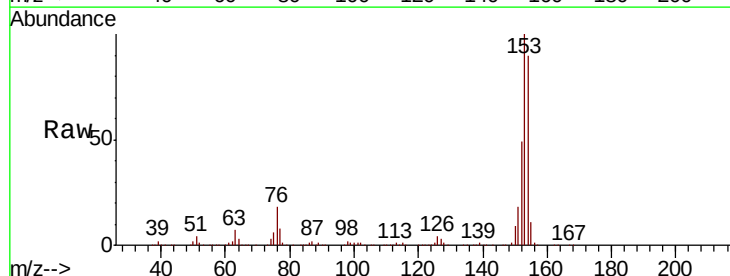
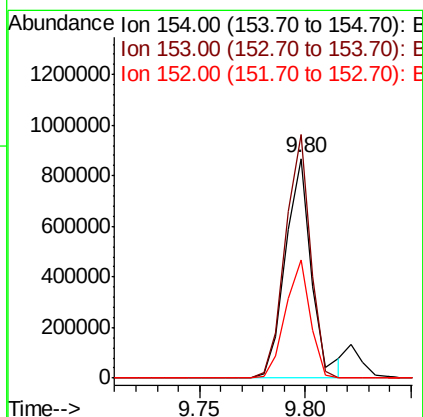
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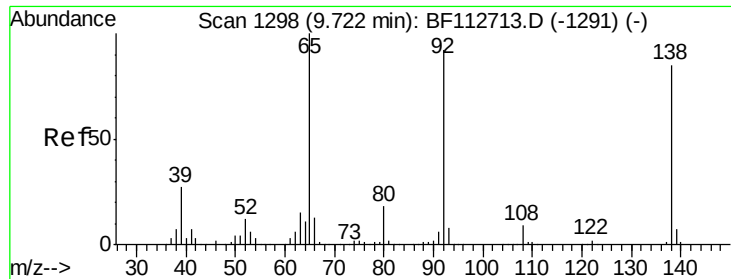
Sohil
3/8/2019 9:26:08 AM



#52
Acenaphthene
Concen: 36.311 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	748021		
153	110.8		87.8	131.8
152	53.9		43.0	64.6





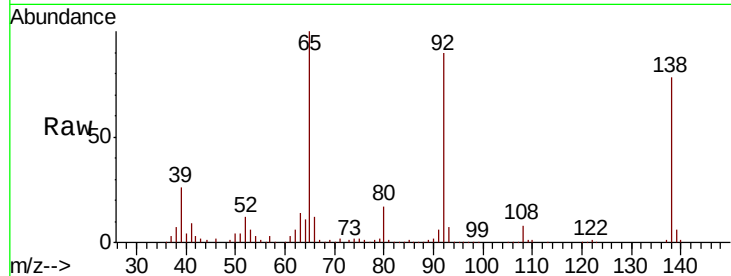
#53
 3-Nitroaniline
 Concen: 23.851 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	114.7	86.6	129.8

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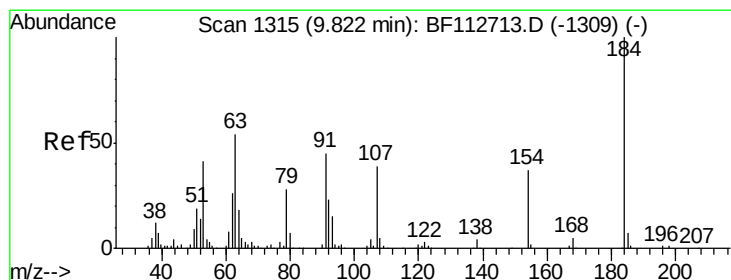
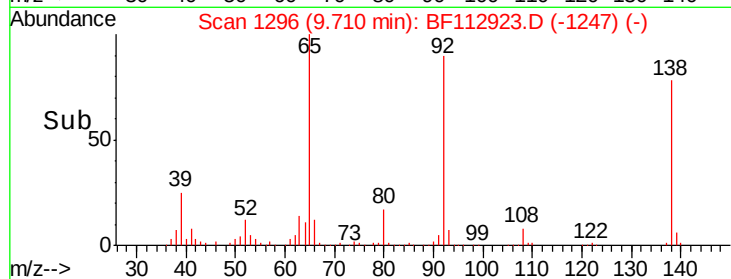
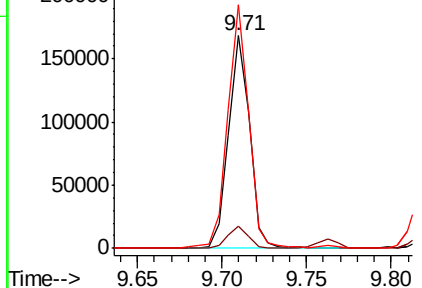


Abundance

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: 95.948 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

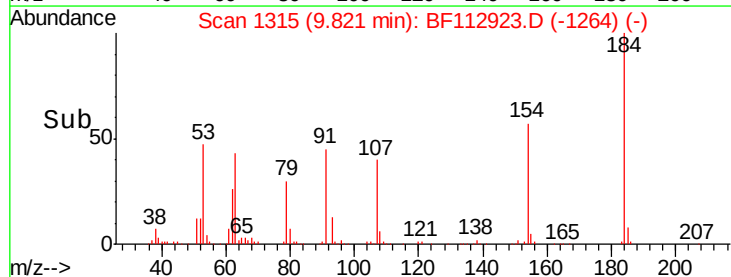
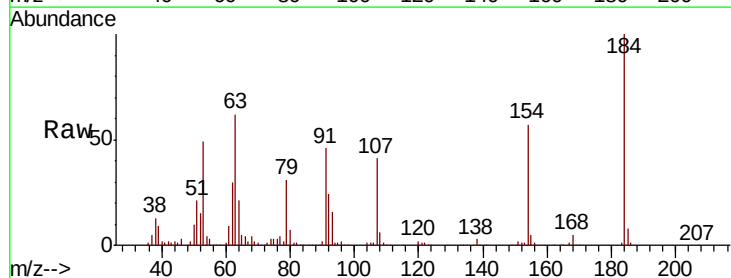
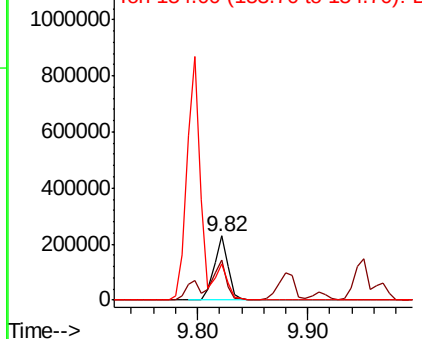
Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.7	45.3	67.9
154	57.3	46.0	69.0

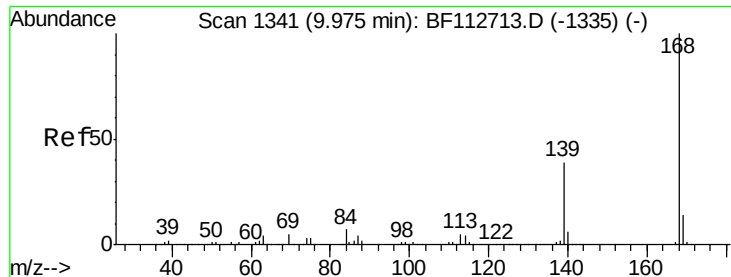
Abundance

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





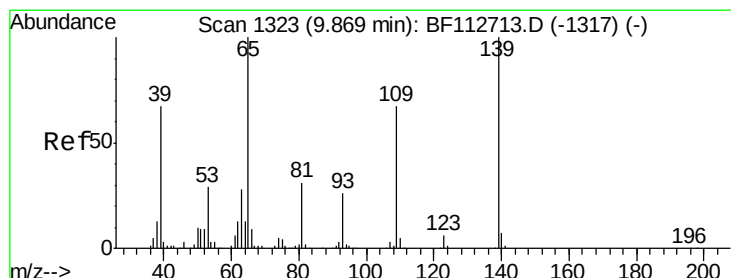
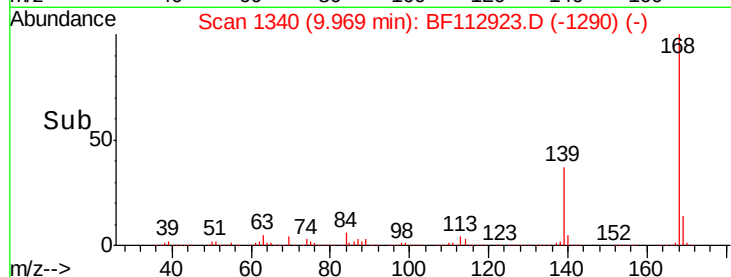
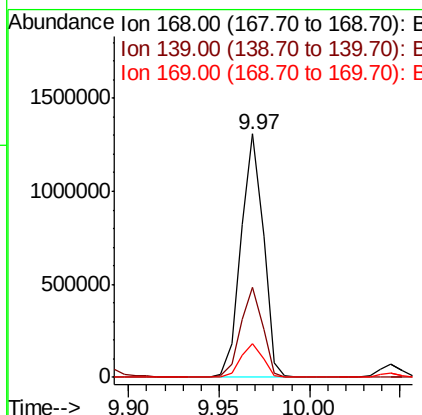
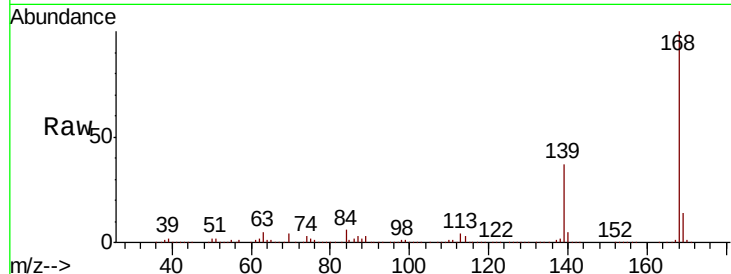
#55
Dibenzenofuran
Concen: 37.551 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.3	46.9
169	13.9	11.3	16.9

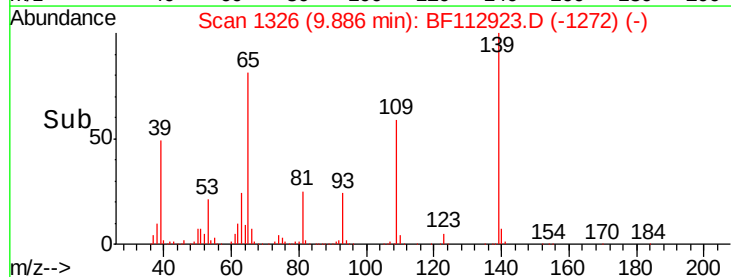
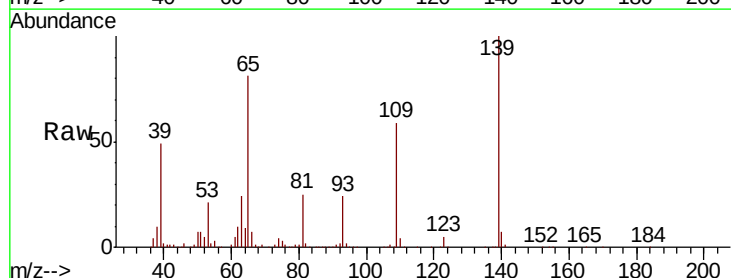
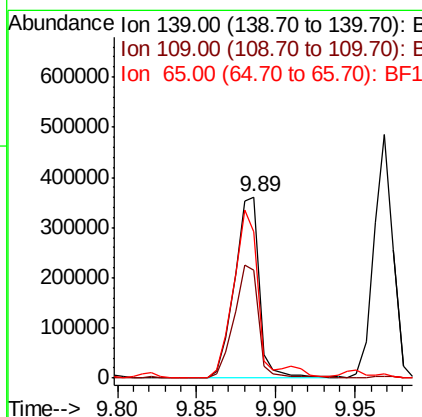
Manual Integrations
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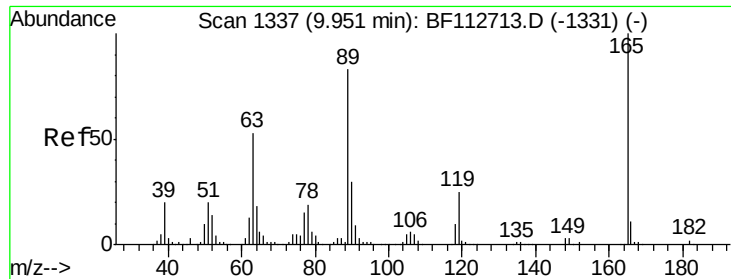
Sohil
3/8/2019 9:26:08 AM



#56
4-Nitrophenol
Concen: 79.075 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.02 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	46.8	86.8
65	80.7	80.7	120.7





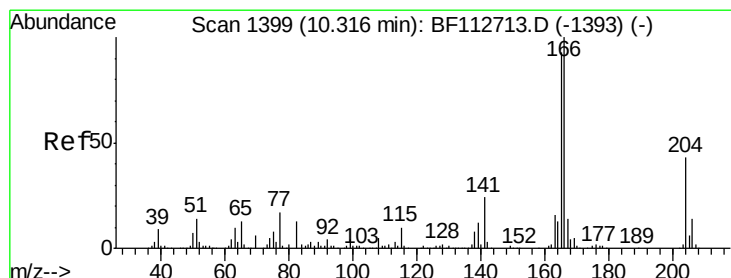
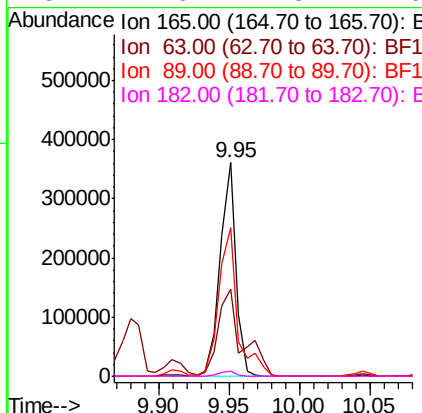
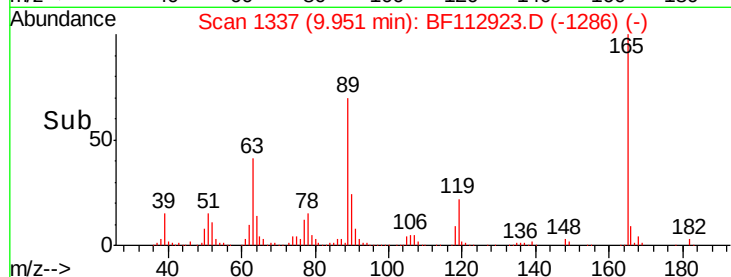
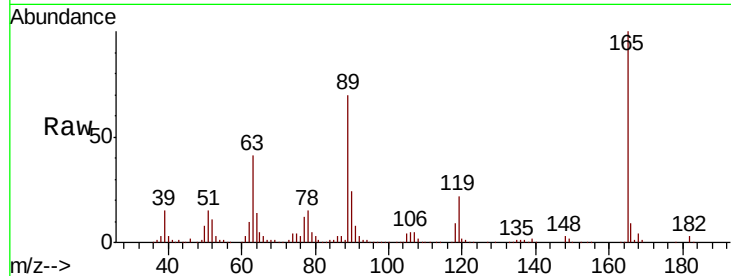
#57
2,4-Dinitrotoluene
Concen: 45.126 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	280610		
63	40.9	42.2	63.2#	
89	69.6	66.2	99.4	
182	2.6	1.8	2.6	

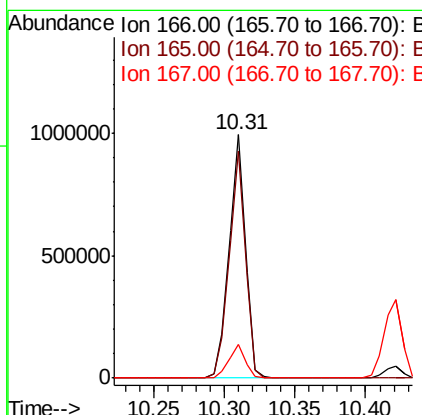
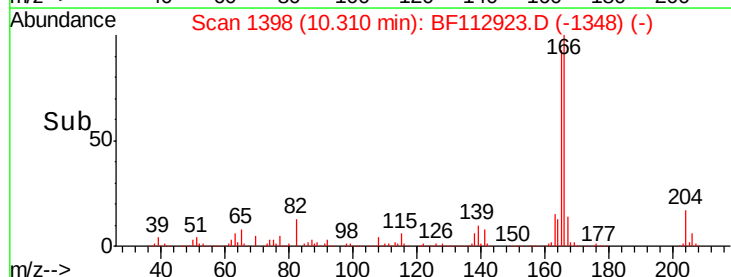
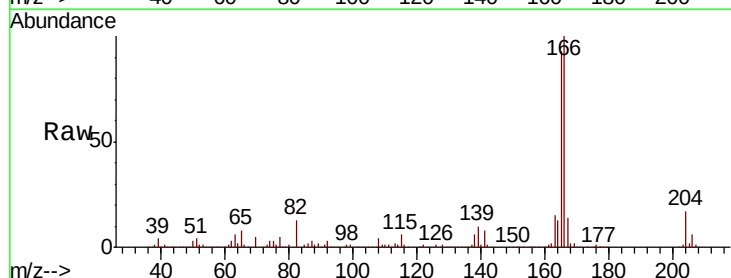
Manual Integrations
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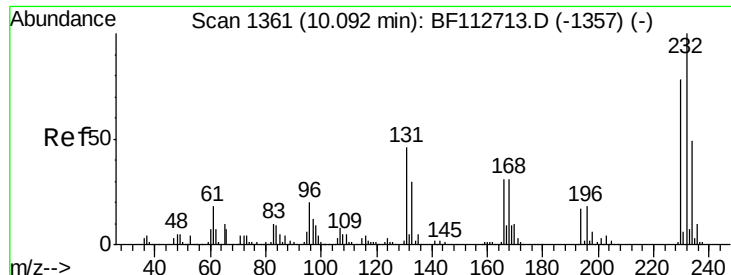
Sohil
3/8/2019 9:26:08 AM



#58
Fluorene
Concen: 37.800 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	803267		
165	93.4	74.7	112.1	
167	13.8	11.0	16.6	





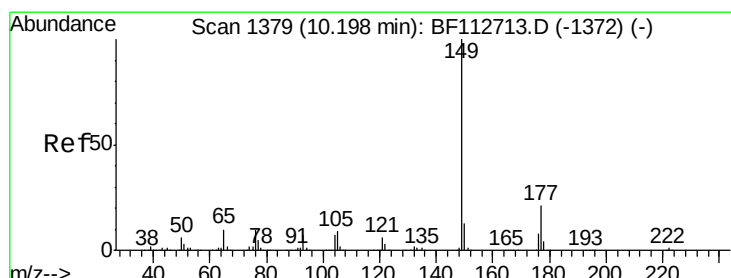
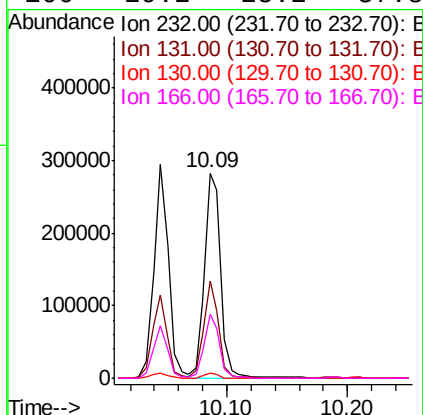
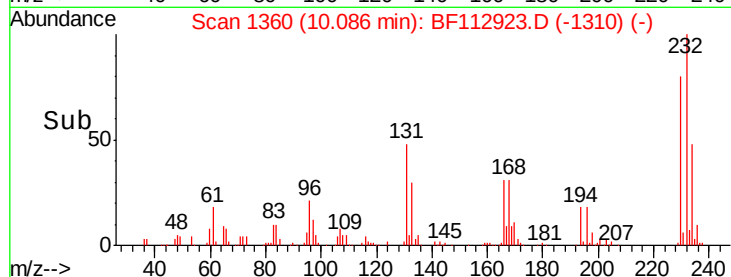
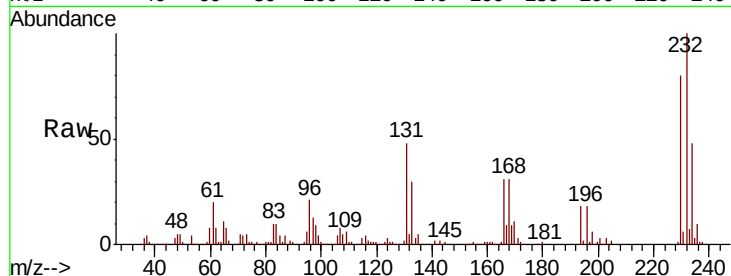
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.612 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	38.7	58.1
130	2.3	1.9	2.9
166	29.2	25.2	37.8

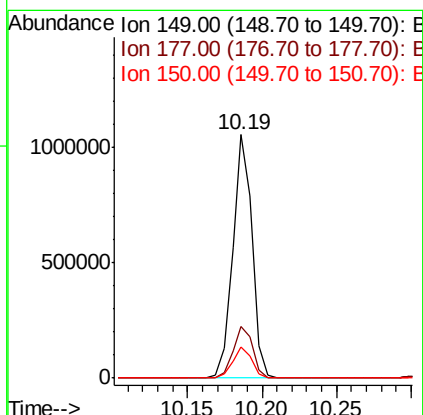
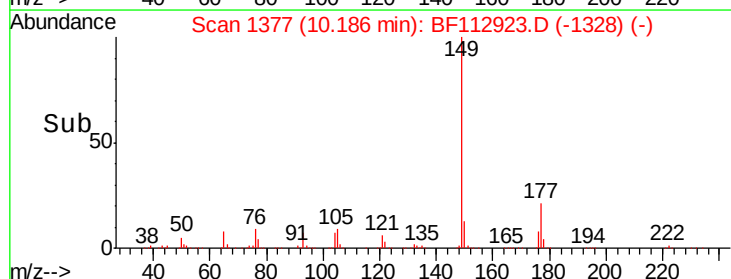
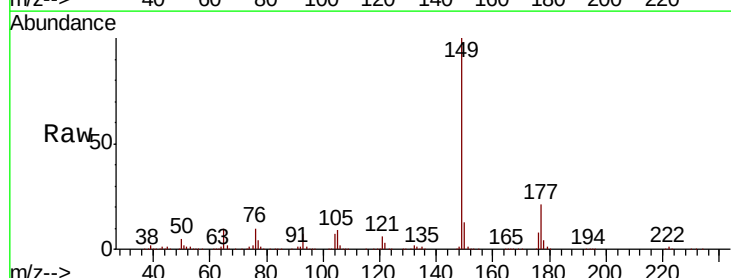
Manual Integrations
APPROVED

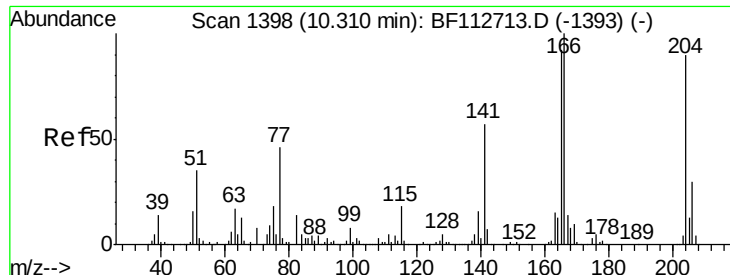
Sohil
3/8/2019 9:26:08 AM



#60
Diethylphthalate
Concen: 37.864 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.6	10.0	15.0





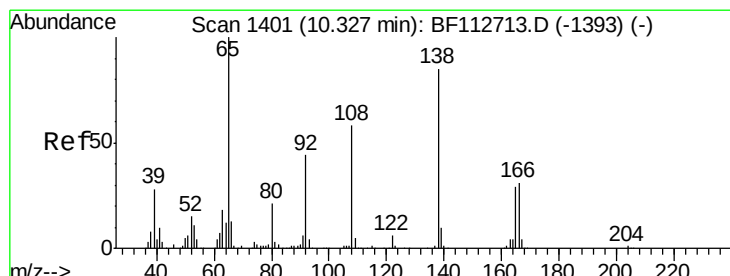
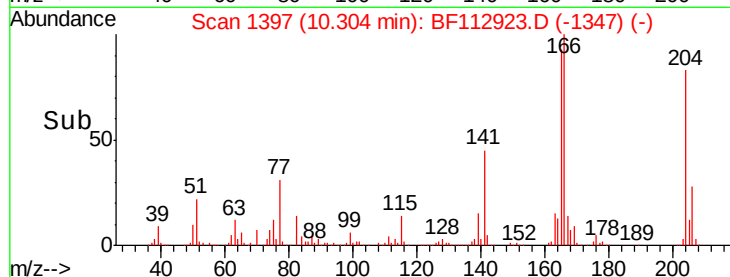
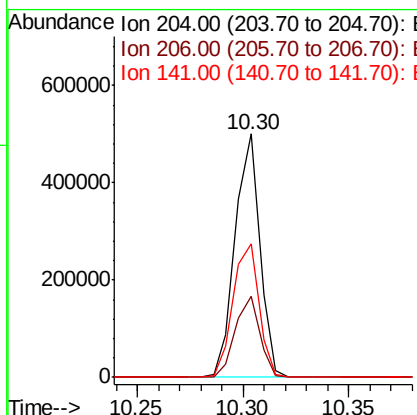
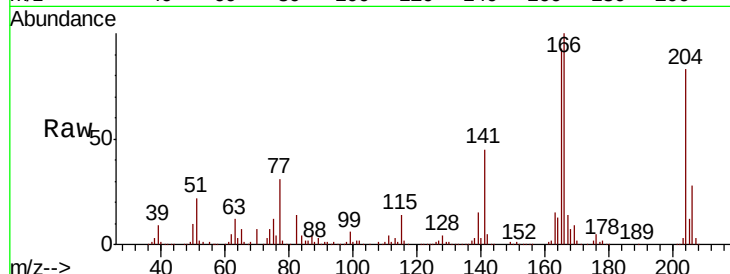
#61
 4-Chlorophenyl-phenylether
 Concen: 41.017 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	405538		
206	33.4	26.6	40.0	
141	54.8	50.8	76.2	

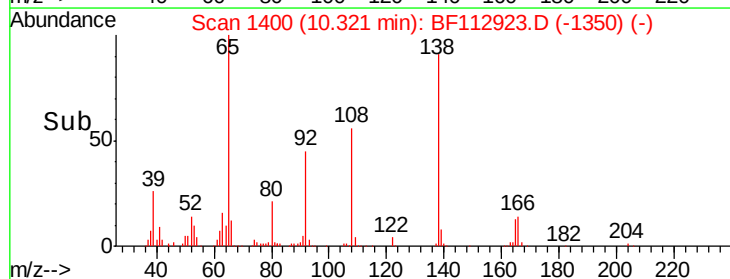
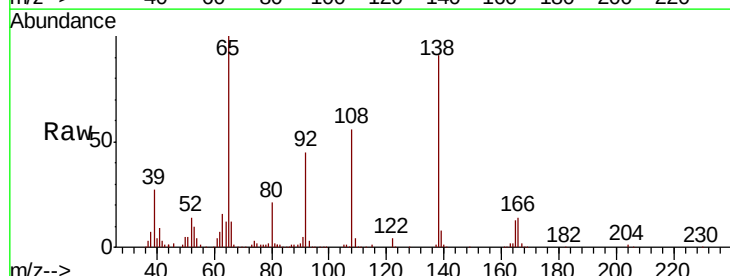
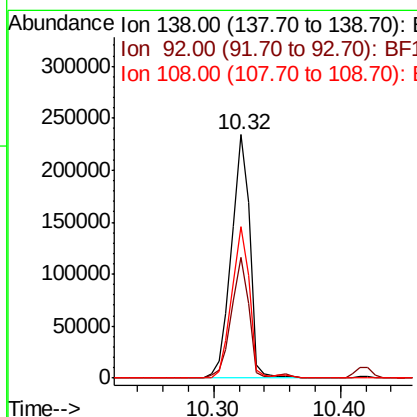
Manual Integrations
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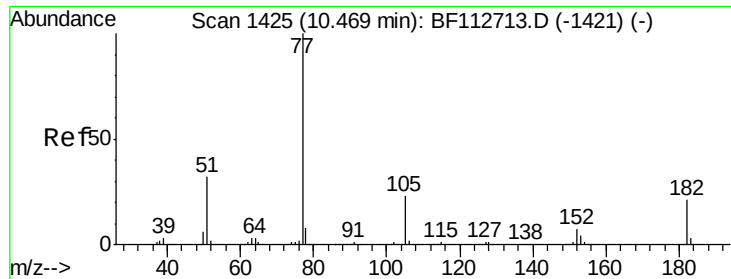
Sohil
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#62
 4-Nitroaniline
 Concen: 41.411 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	233258		
92	49.5	31.3	71.3	
108	62.2	48.1	88.1	





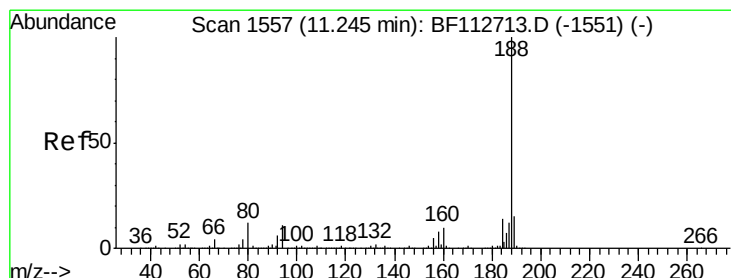
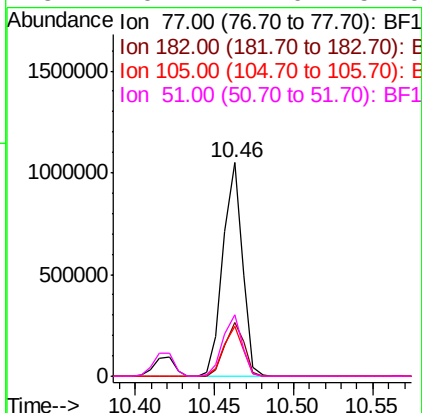
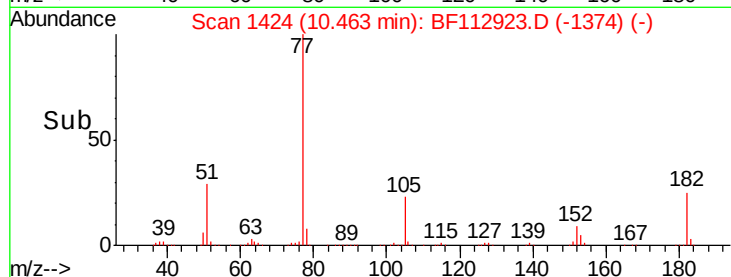
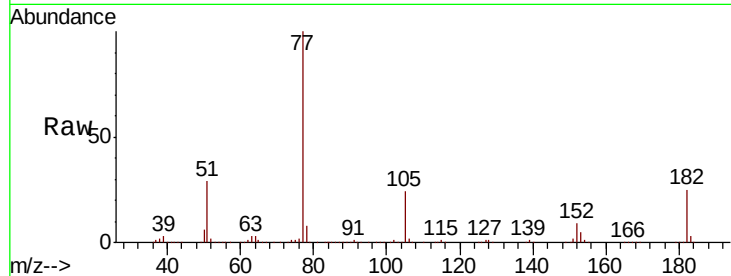
#63
Azobenzene
Concen: 34.201 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.4	1.4	41.4		
105	23.6	2.6	42.6		
51	29.1	12.0	52.0		

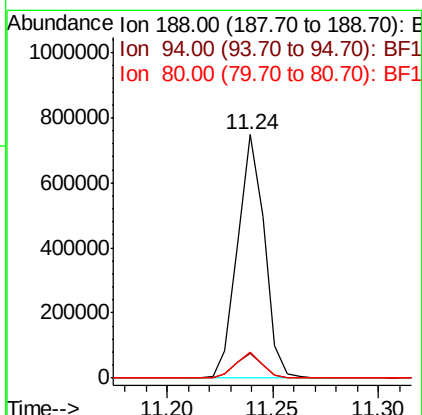
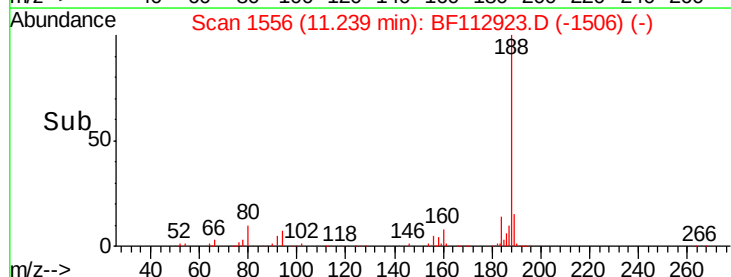
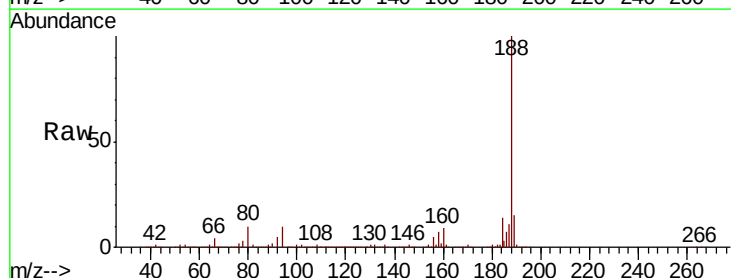
Manual Integrations
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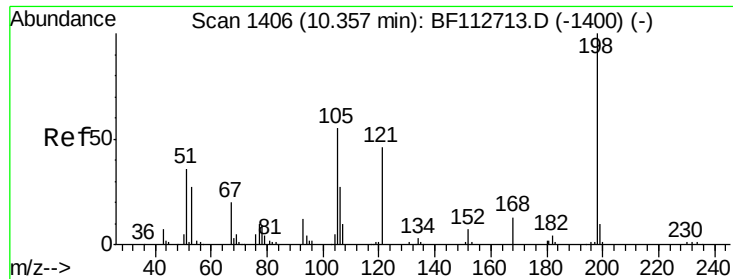
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	10.2	9.0	13.4		
80	10.5	9.2	13.8		





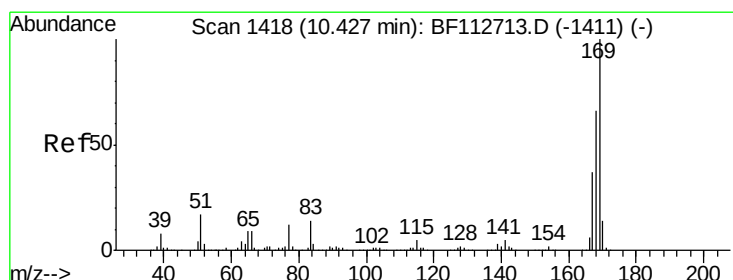
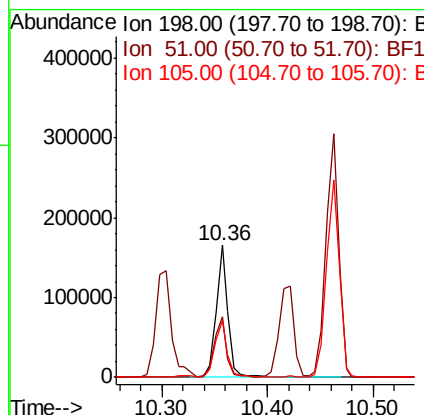
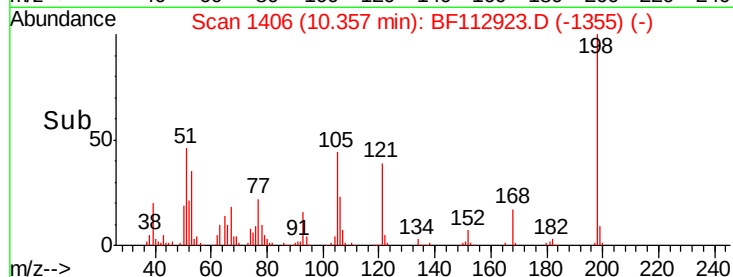
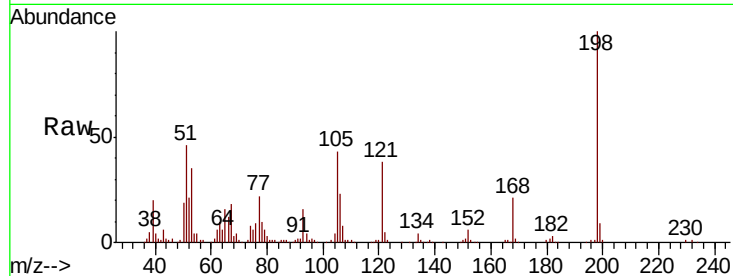
#65
4,6-Dinitro-2-methylphenol
Concen: 48.624 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	131710		
51	45.6	43.8	83.8	
105	43.4	36.5	76.5	

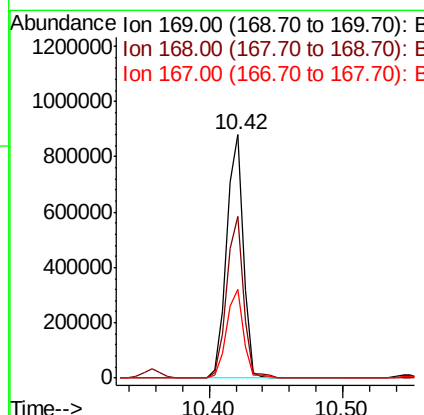
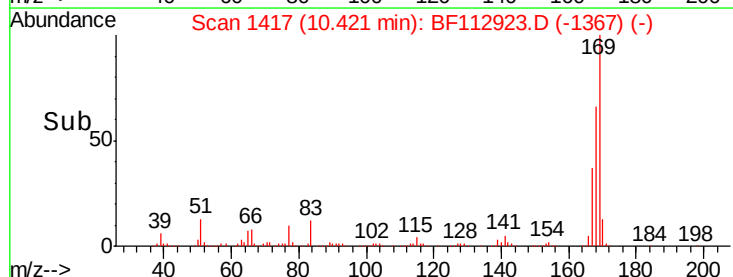
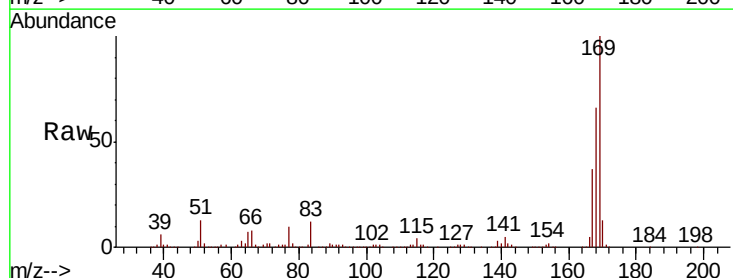
Manual Integrations
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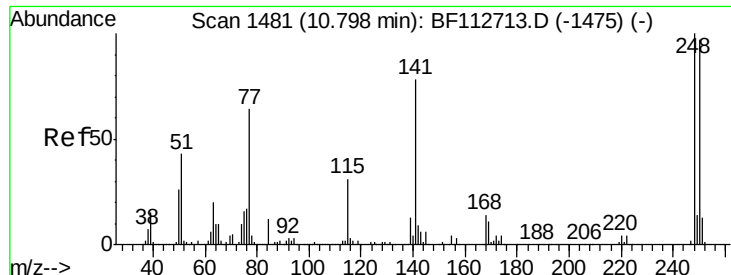
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 37.056 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	782382		
168	66.4	53.0	79.6	
167	36.7	29.3	43.9	





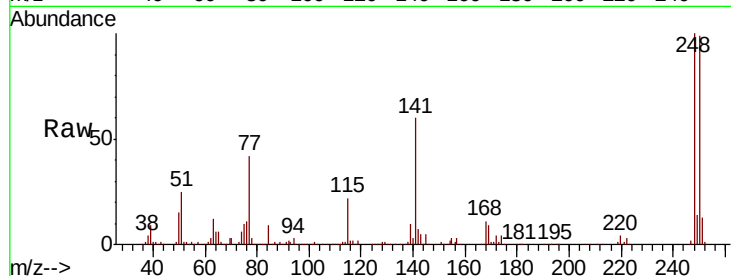
#67
4-Bromophenyl-phenylether
Concen: 39.217 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.5	116.3
141	60.2	62.4	93.6

Manual Integrations
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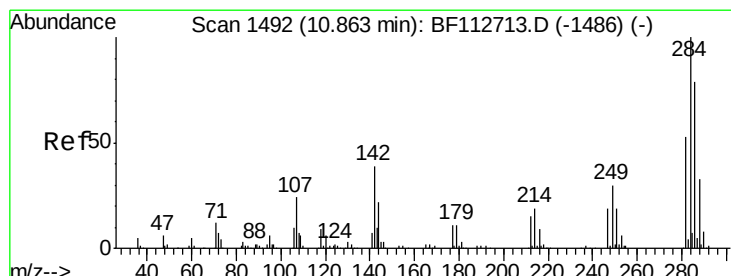
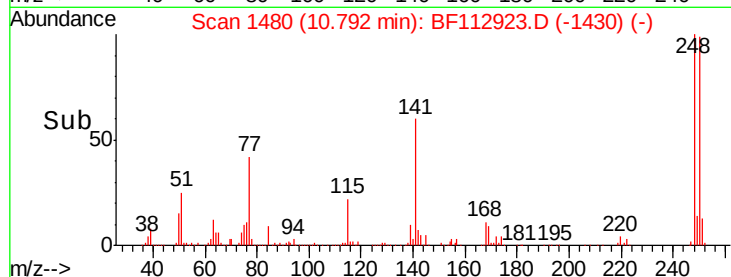
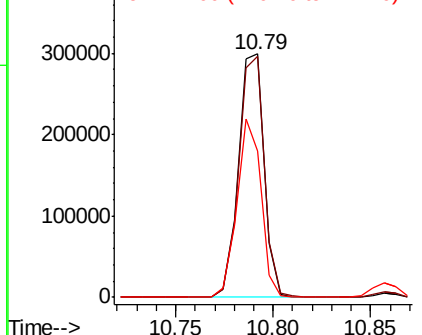


Abundance

Ion 248.00 (247.70 to 248.70): E

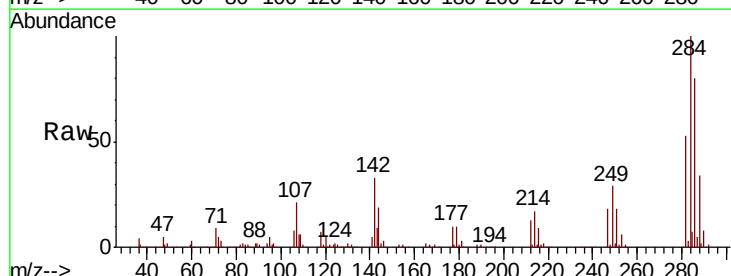
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.493 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	31.0	46.6
249	29.1	23.6	35.4

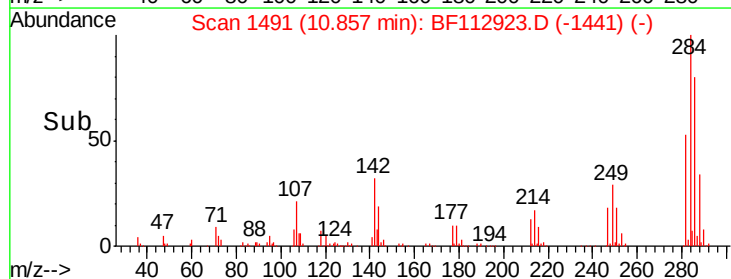
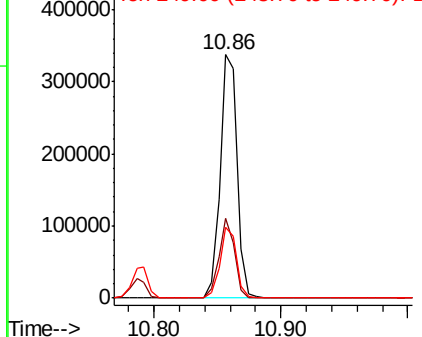


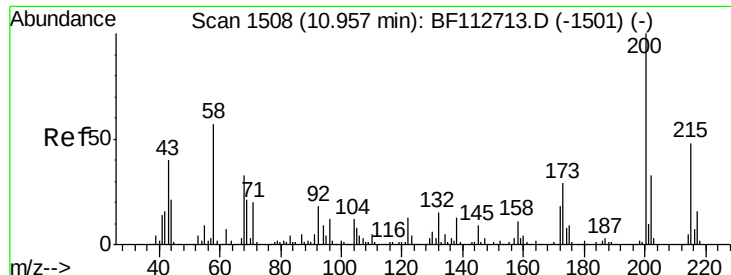
Abundance

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





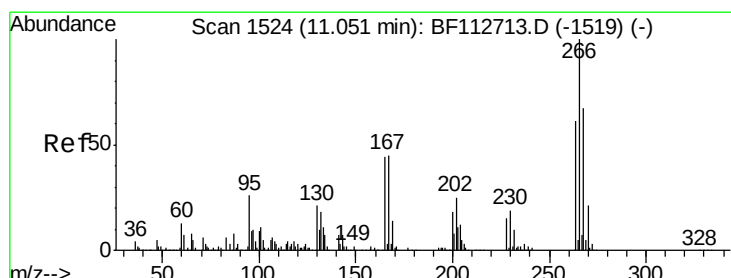
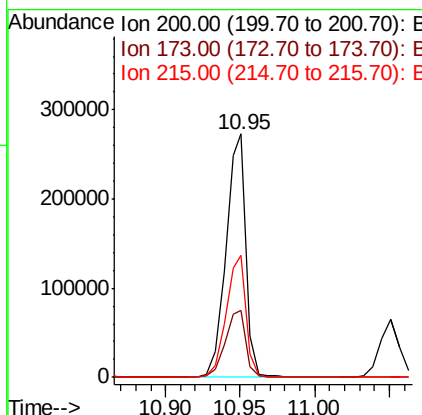
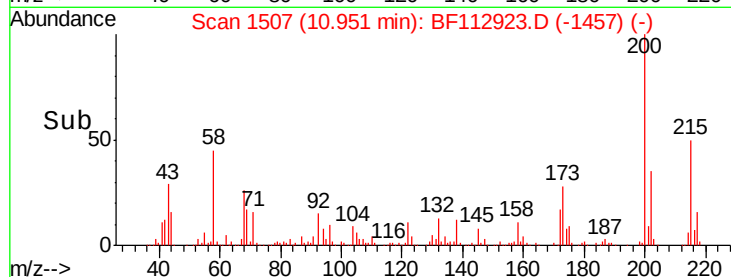
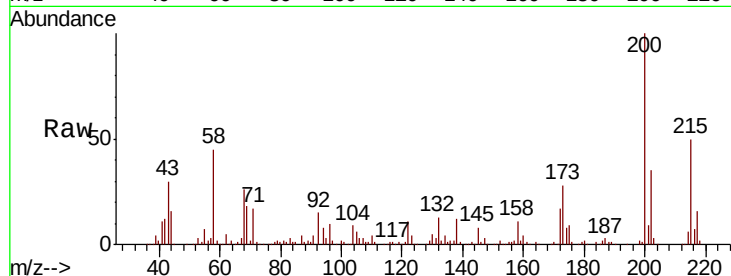
#69
Atrazine
Concen: 39.924 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	258163		
173	27.7	9.1	49.1	
215	50.3	28.2	68.2	

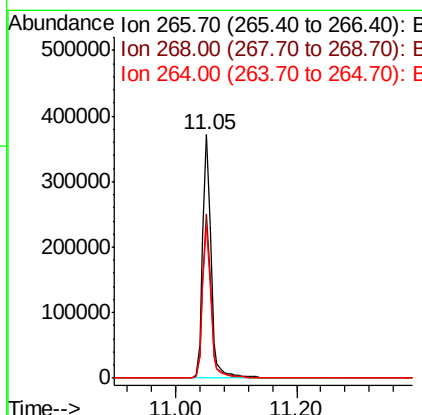
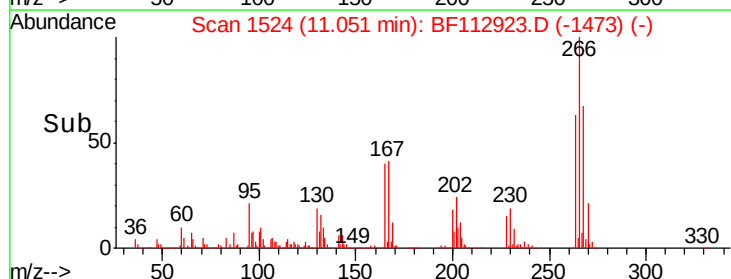
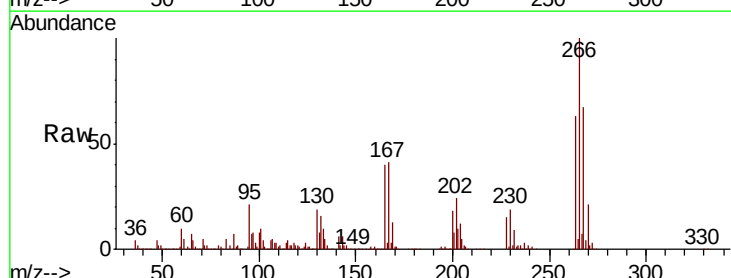
Manual Integrations
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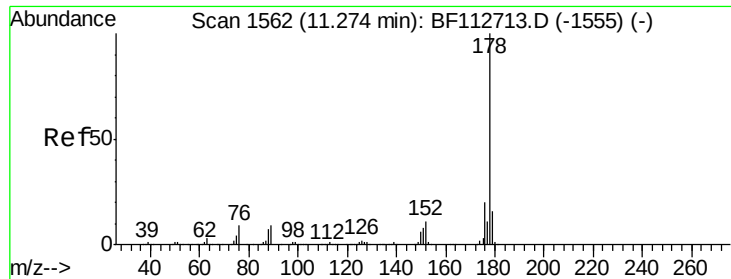
Sohil
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#70
Pentachlorophenol
Concen: 78.988 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	363403		
268	67.3	53.3	79.9	
264	62.9	48.9	73.3	





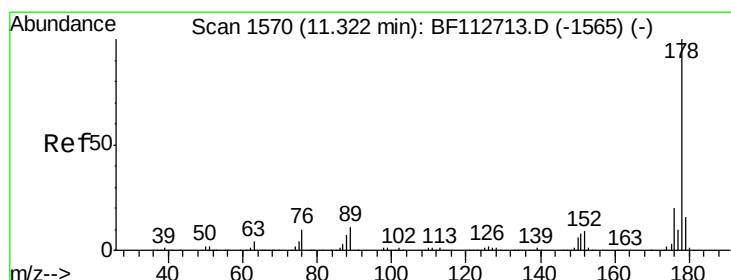
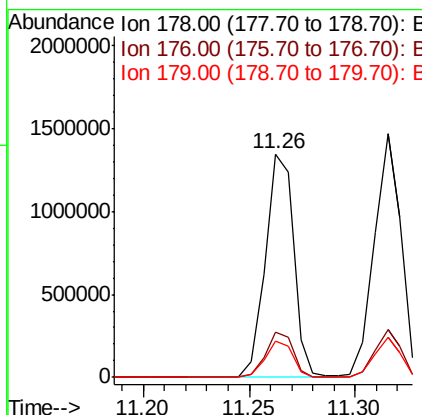
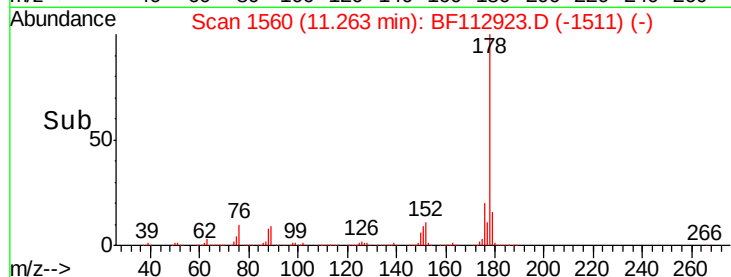
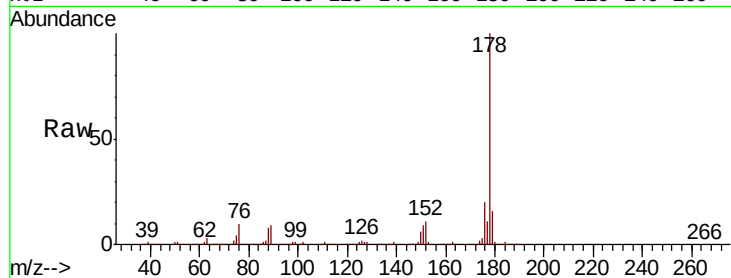
#71
Phenanthrene
Concen: 38.479 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion:178 Resp: 1260377
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.1 12.7 19.1

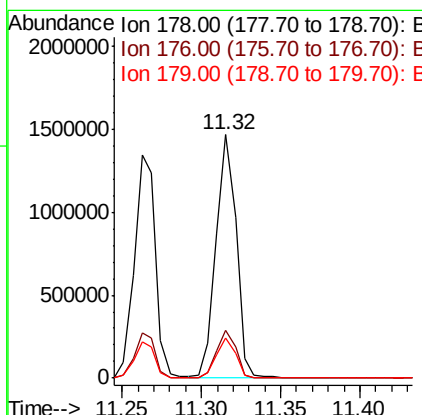
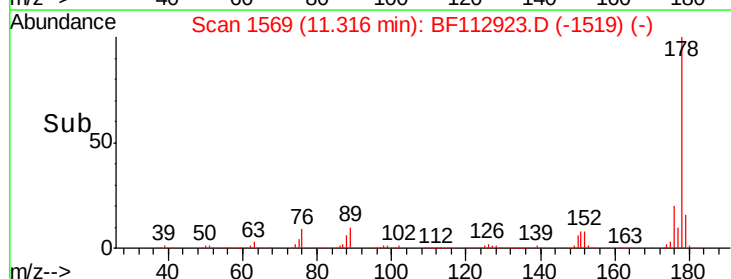
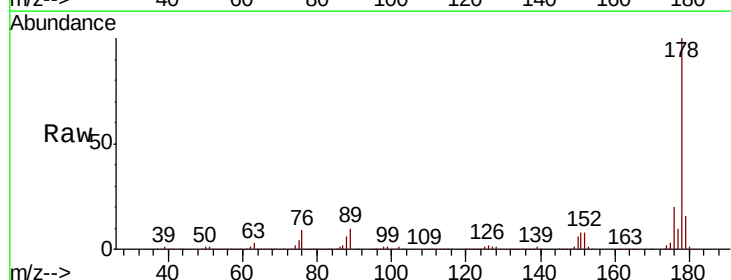
Manual Integrations
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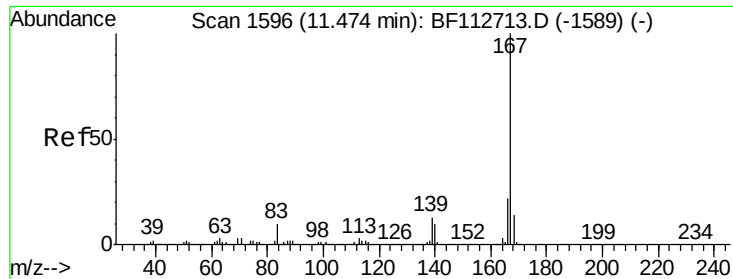
Sohil
3/8/2019 9:26:08 AM



#72
Anthracene
Concen: 38.035 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:178 Resp: 1304120
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.2 13.0 19.6





#73

Carbazole

Concen: 37.023 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion:167 Resp: 1238333

Ion Ratio Lower Upper

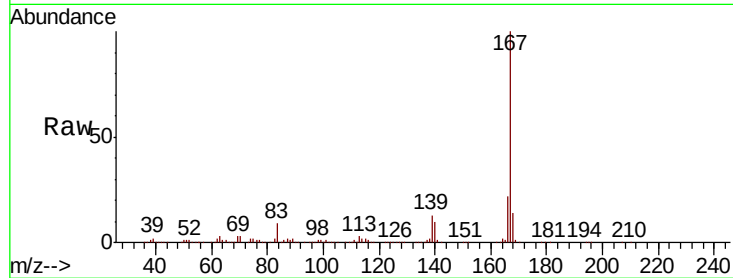
167 100

166 21.8 17.5 26.3

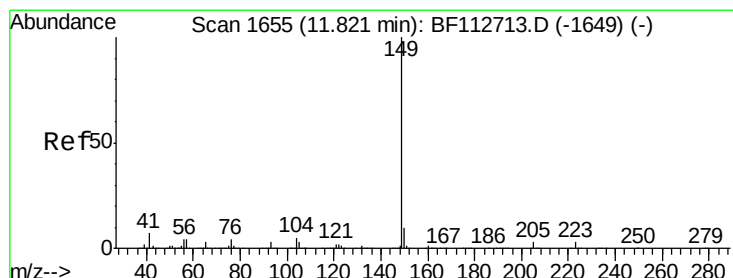
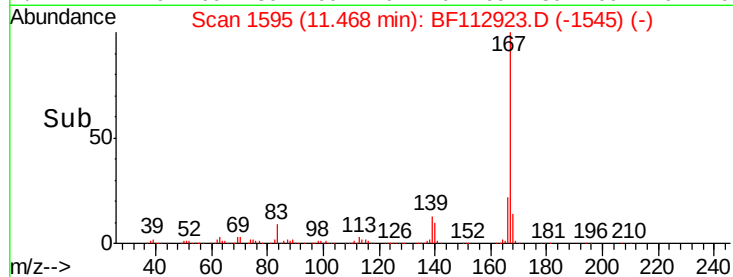
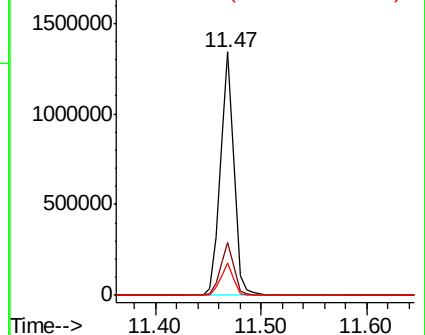
139 13.2 10.8 16.2

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.182 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

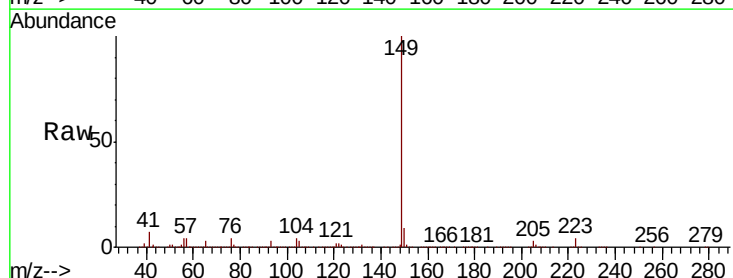
Tgt Ion:149 Resp: 1531310

Ion Ratio Lower Upper

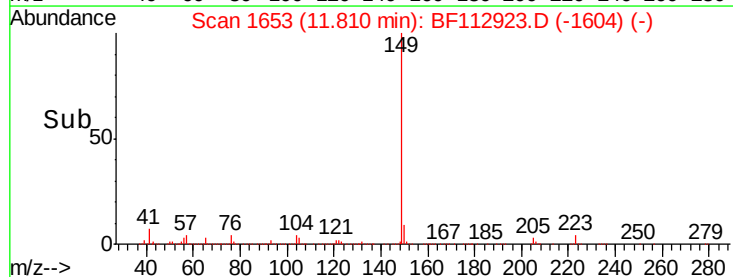
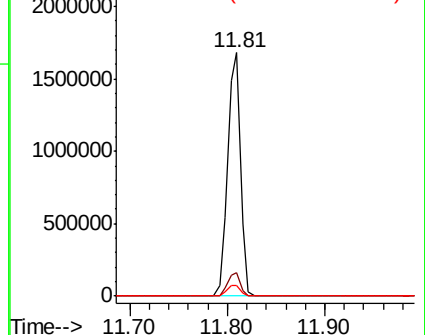
149 100

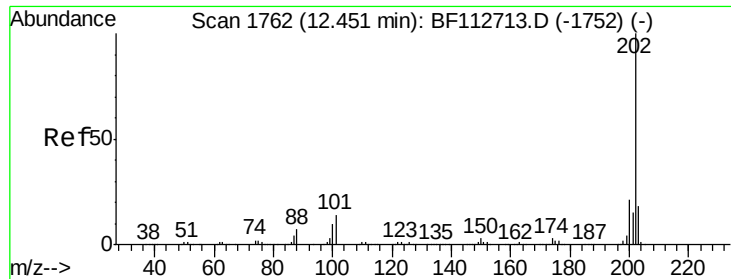
150 9.4 7.6 11.4

104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.681 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

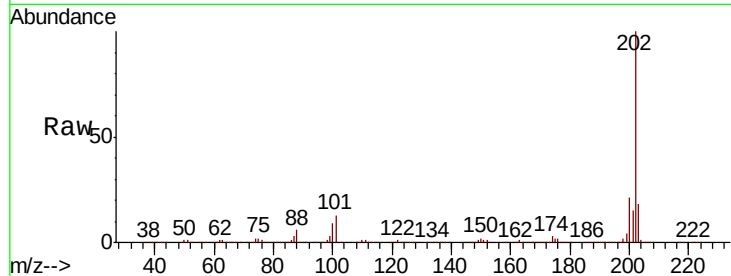
ClientSampleId :

TP-6CD-DMSD

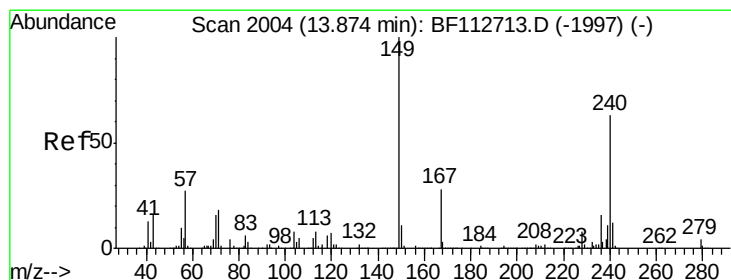
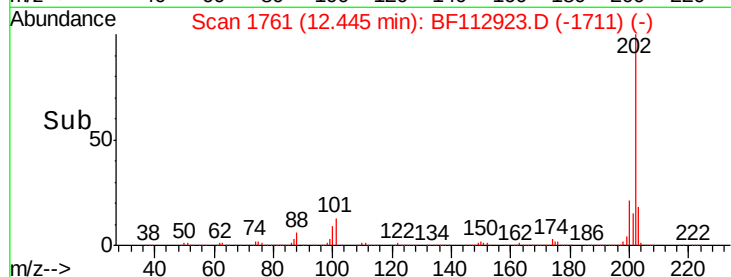
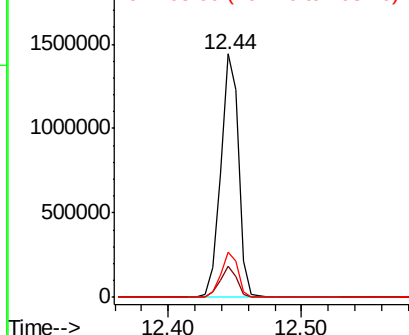
Tot Ion:	202	Resp:	1357447
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	18.5	0.0	38.4

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

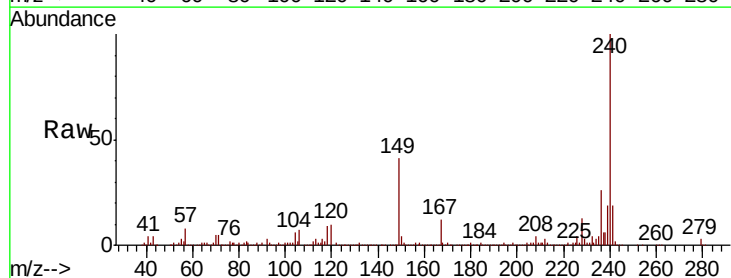
RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

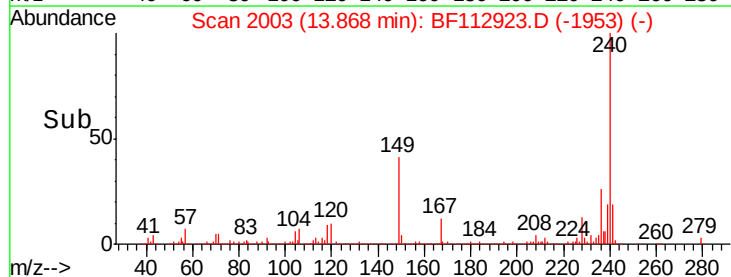
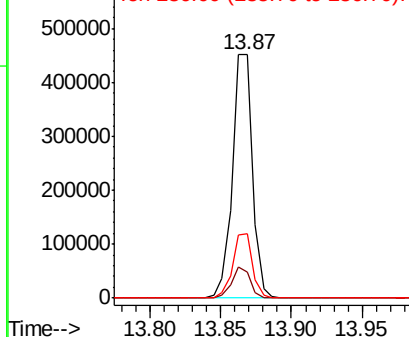
Lab File: BF112923.D

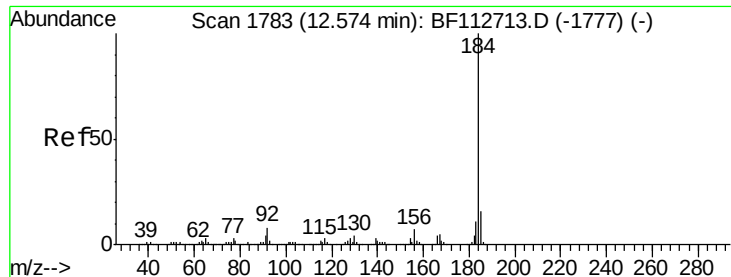
Acq: 7 Mar 2019 16:08

Tgt Ion:	240	Resp:	446937
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	26.4	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.426 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

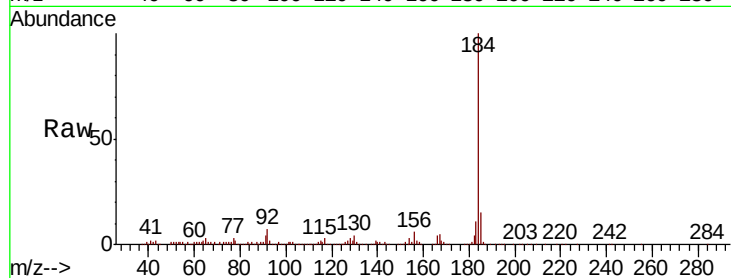
ClientSampleId :

TP-6CD-DMSD

Tot Ion:	184	Resp:	612759
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	10.8	8.6	12.8

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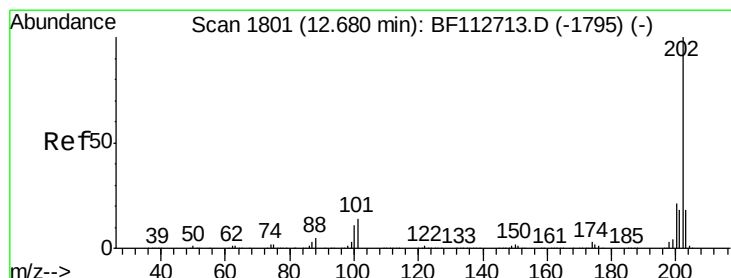
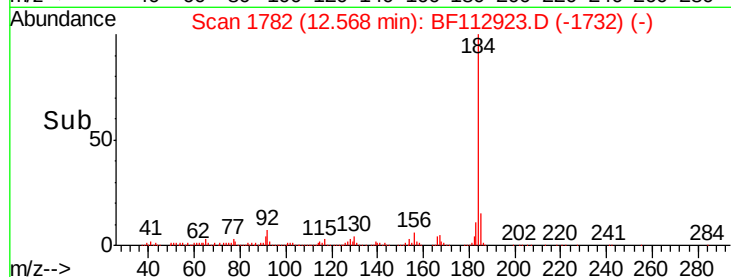
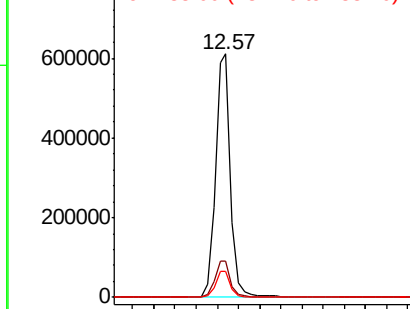


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.819 ng

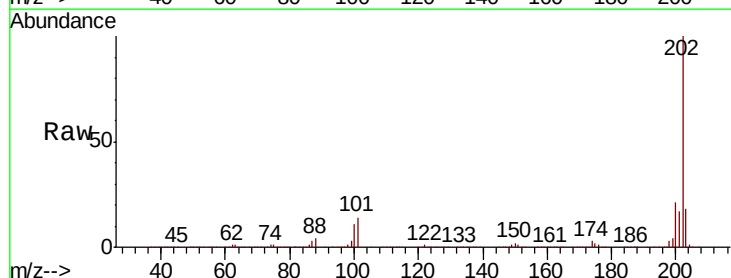
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Tgt Ion:	202	Resp:	1387244
Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.0	25.4
203	18.0	14.4	21.6

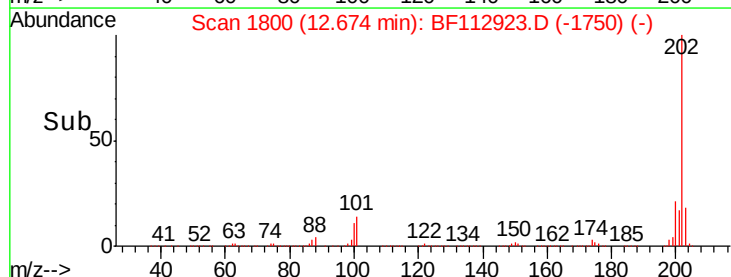
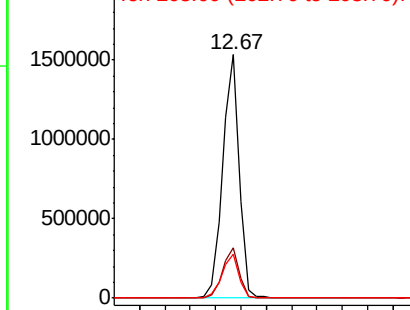


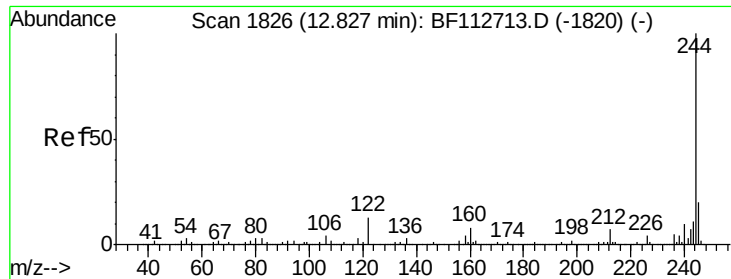
Abundance

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





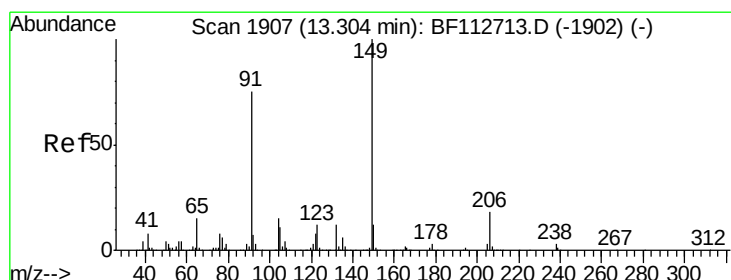
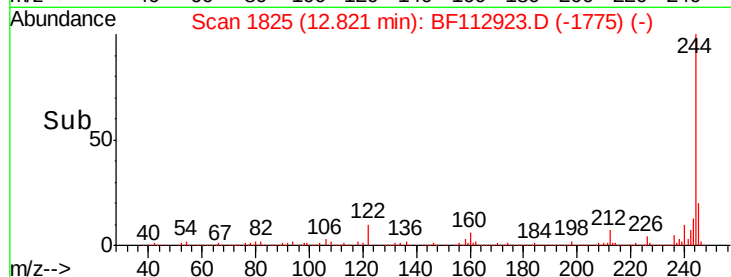
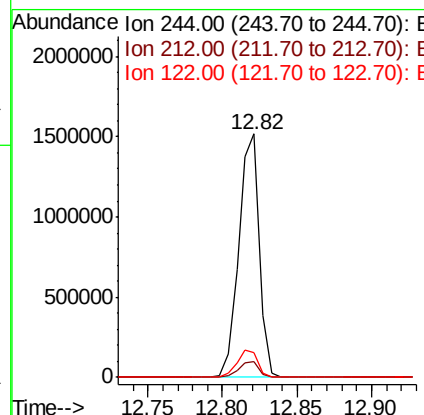
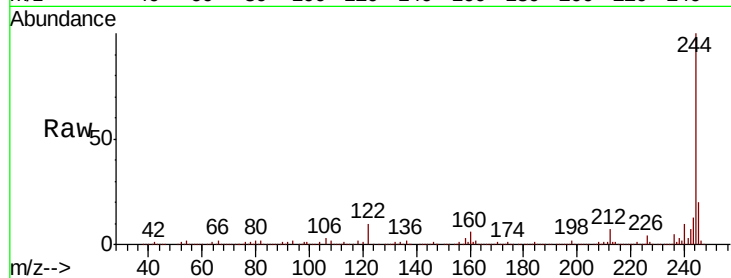
#79
 Terphenyl-d14
 Concen: 63.424 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.0	10.5	15.7

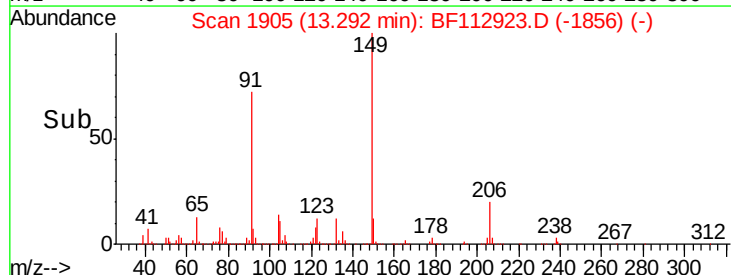
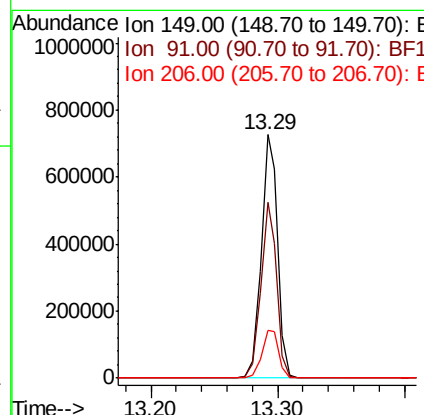
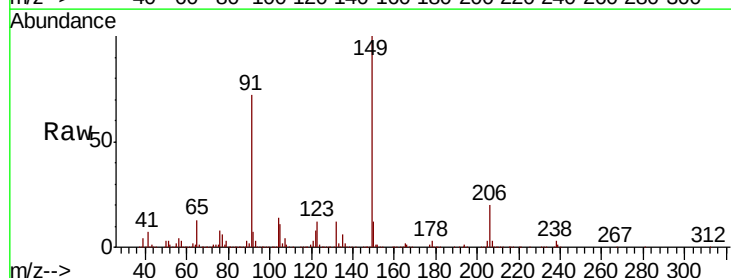
Manual Integrations
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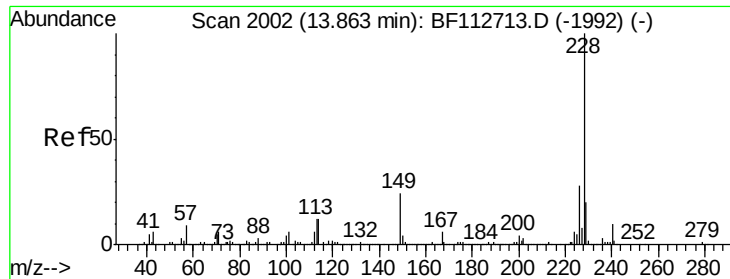
Sohil
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#80
 Butylbenzylphthalate
 Concen: 39.657 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.3	59.9	89.9
206	19.7	14.7	22.1





#81

Benzo(a)anthracene

Concen: 33.803 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion:228 Resp: 1047083

Ion Ratio Lower Upper

228 100

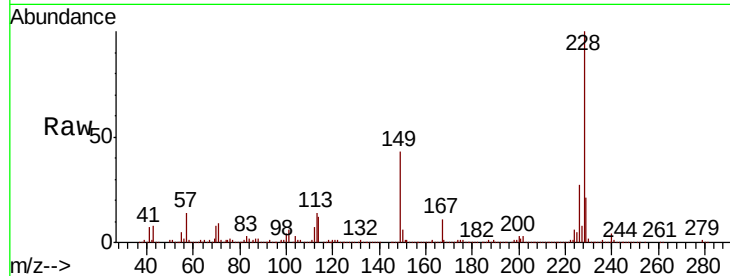
226 27.3 22.2 33.4

229 20.6 16.0 24.0

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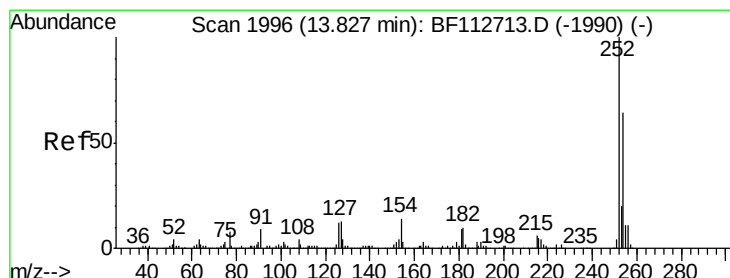
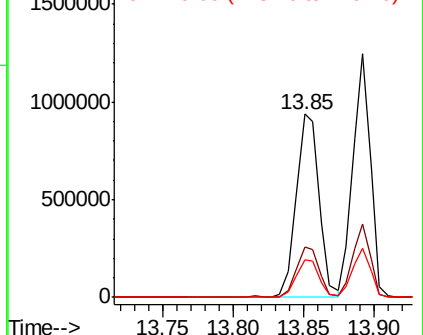
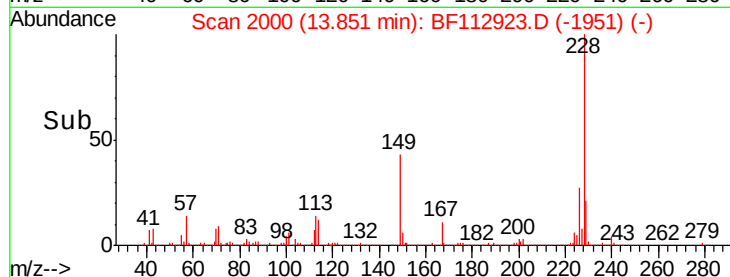


Abundance

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: 27.694 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

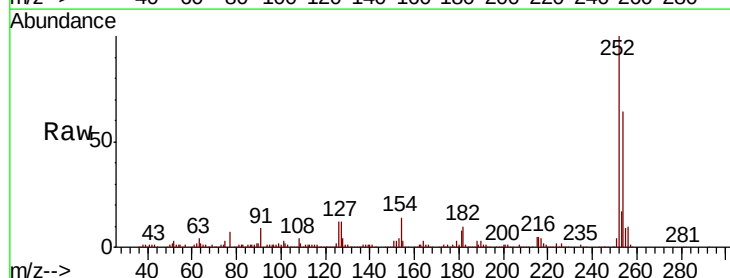
Tgt Ion:252 Resp: 324442

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

126 11.9 9.9 14.9

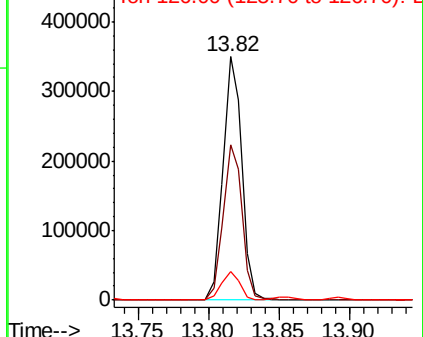
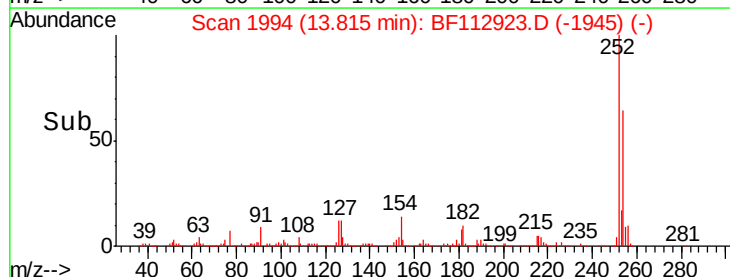


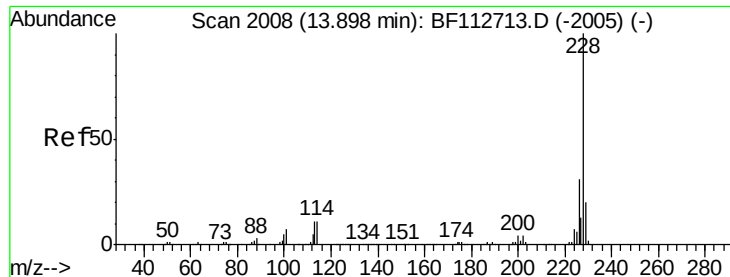
Abundance

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





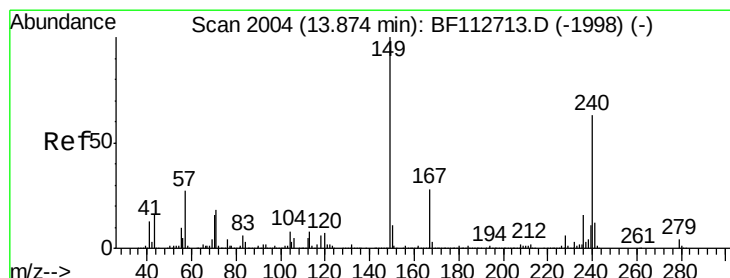
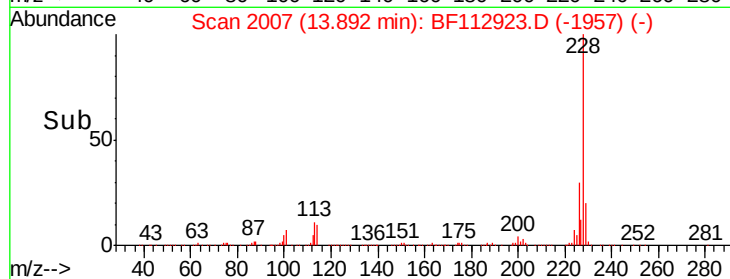
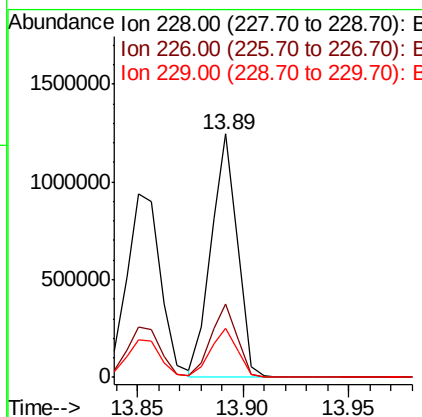
#83
 Chrysene
 Concen: 35.370 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.2	16.3	24.5

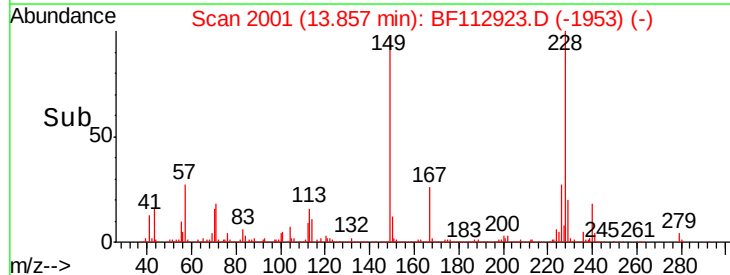
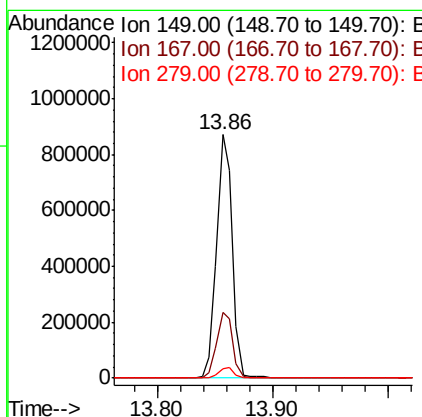
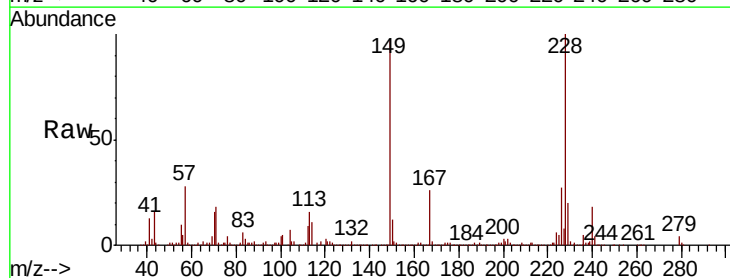
Manual Integrations
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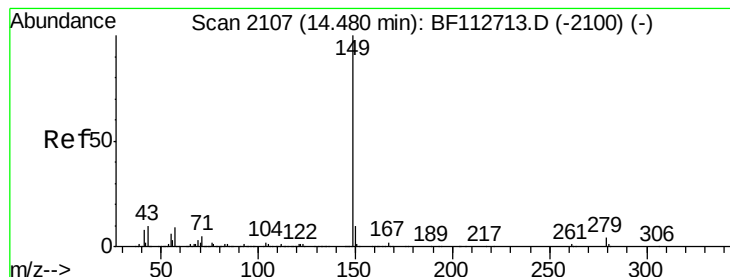
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.764 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.02 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	3.7	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.118 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

TP-6CD-DMSD

Tot Ion:149 Resp: 1410838

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

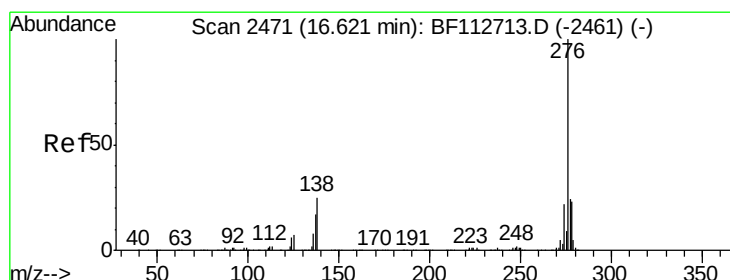
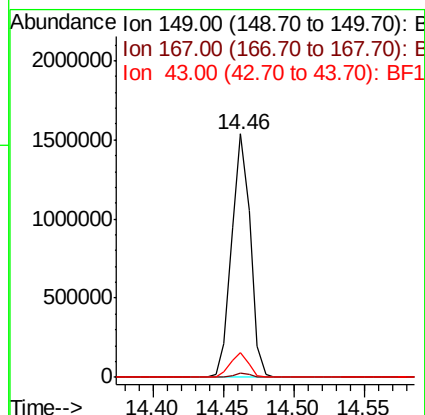
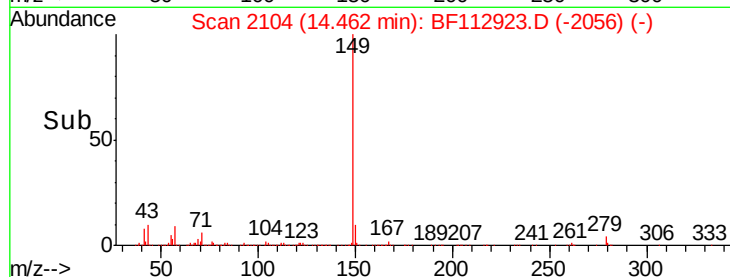
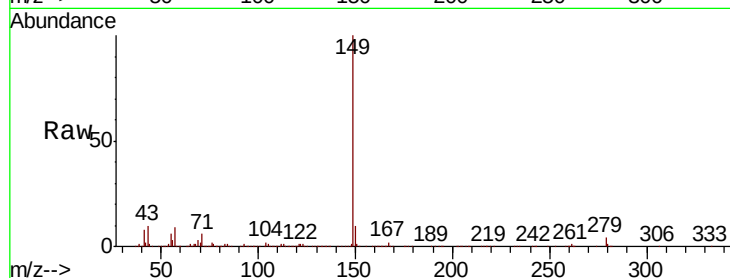
43 9.9 9.0 13.4

Manual Integrations

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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.886 ng

RT: 16.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

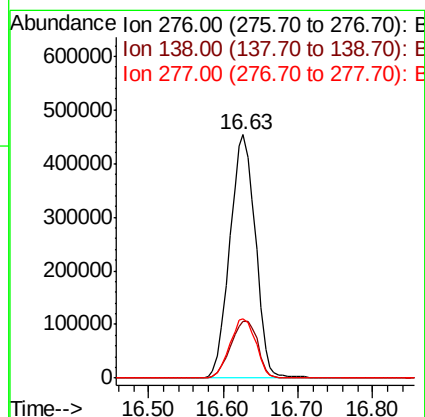
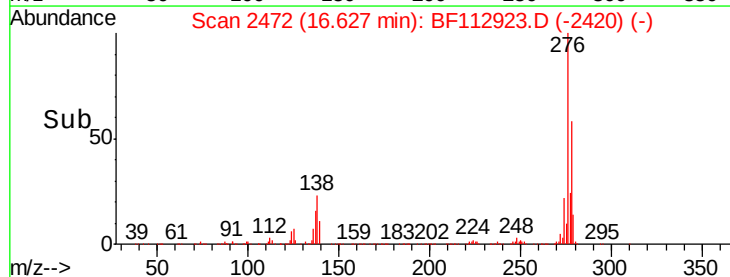
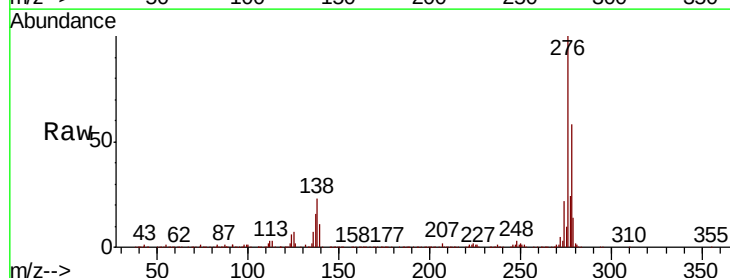
Tgt Ion:276 Resp: 1083469

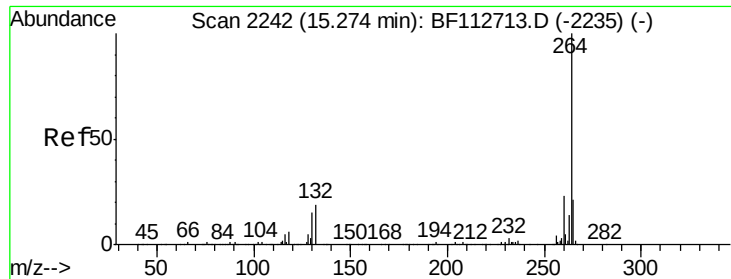
Ion Ratio Lower Upper

276 100

138 25.0 23.2 34.8

277 25.1 19.9 29.9





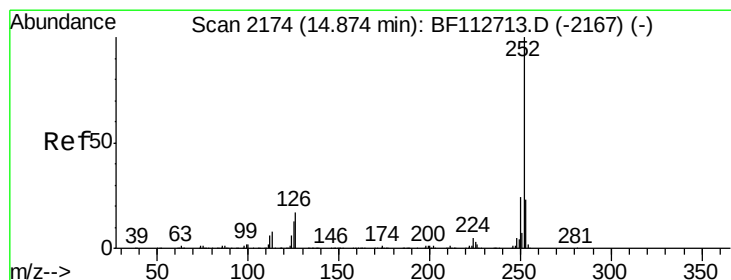
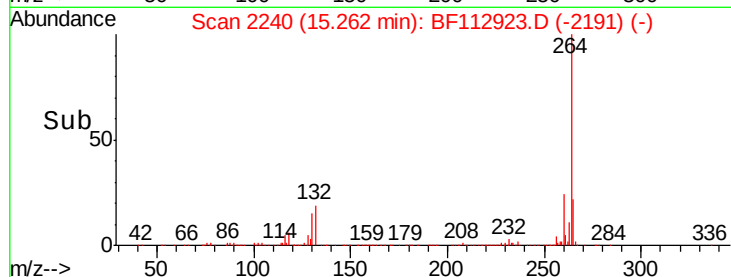
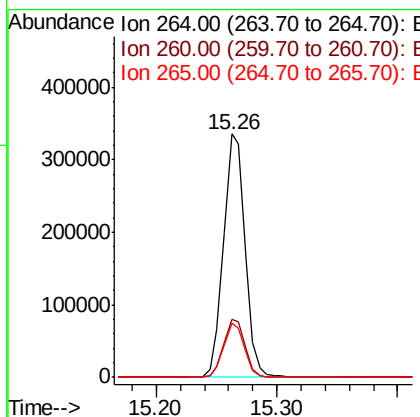
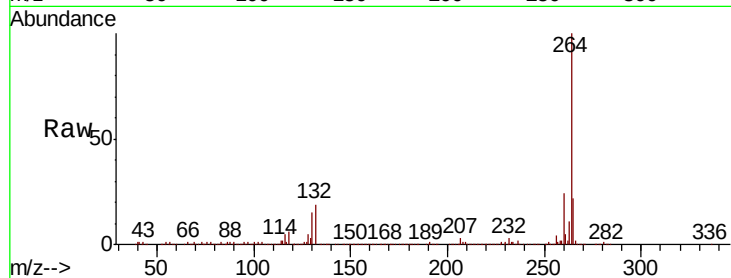
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.2	25.8

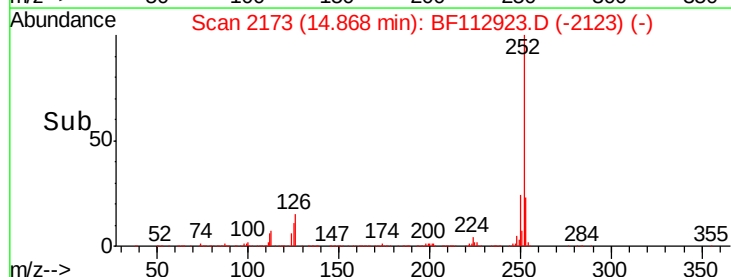
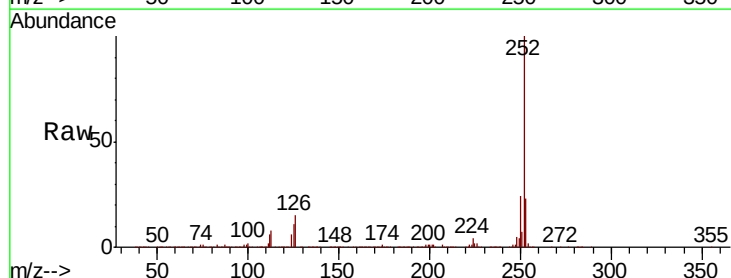
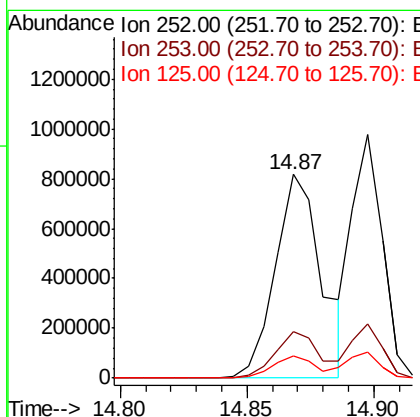
Manual Integrations
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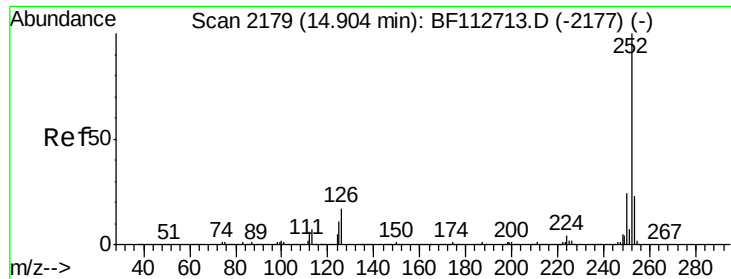
Sohil
3/8/2019 9:26:08 AM



#88
Benzo(b)fluoranthene
Concen: 38.742 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.1	10.2	15.2





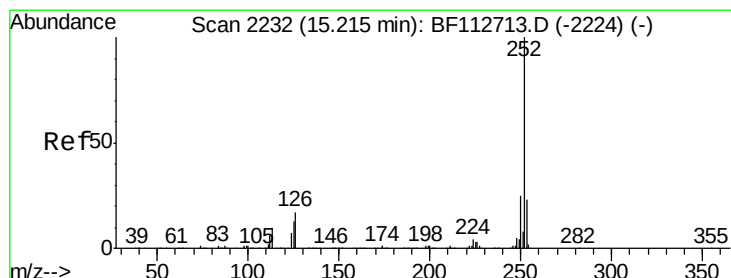
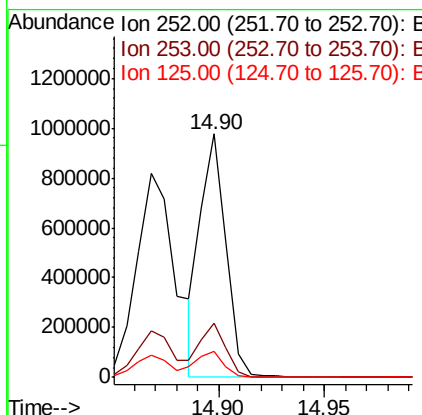
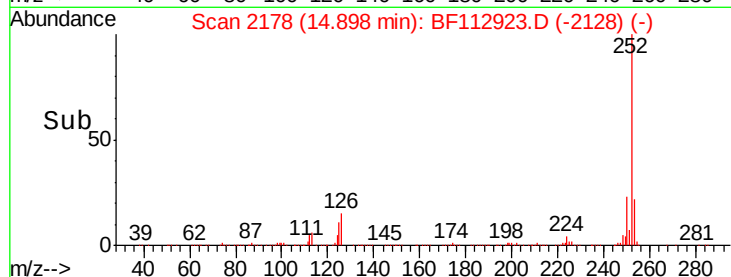
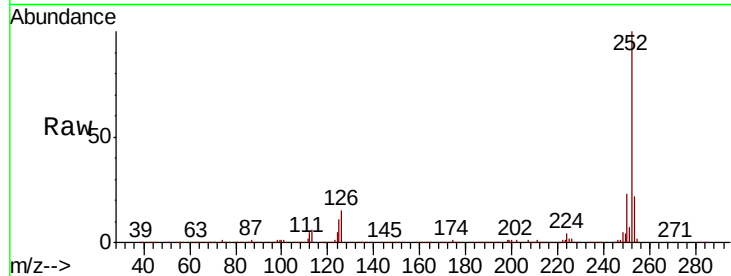
#89
Benzo(k)fluoranthene
Concen: 33.824 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	10.7	9.8	14.6

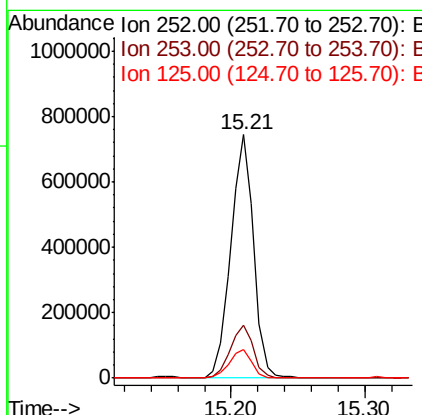
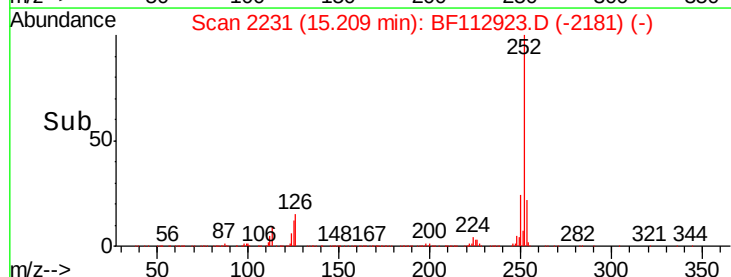
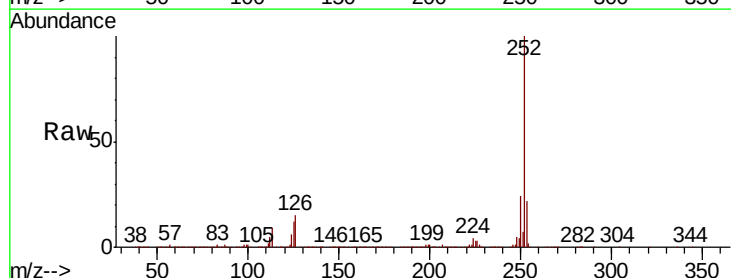
Manual Integrations
APPROVED

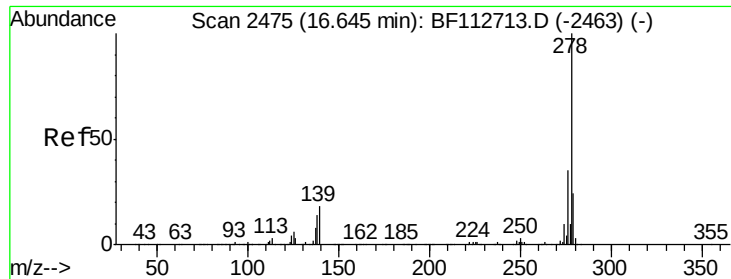
Sohil
3/8/2019 9:26:08 AM



#90
Benzo(a)pyrene
Concen: 37.562 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.6	10.7	16.1





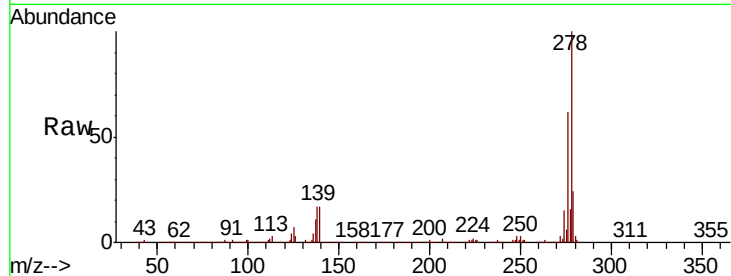
#91
Dibenzo(a,h)anthracene
Concen: 44.907 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :
TP-6CD-DMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.3	21.5
279	24.1	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/8/2019 9:26:08 AM

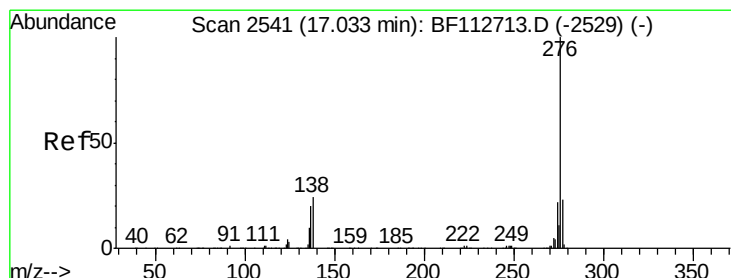
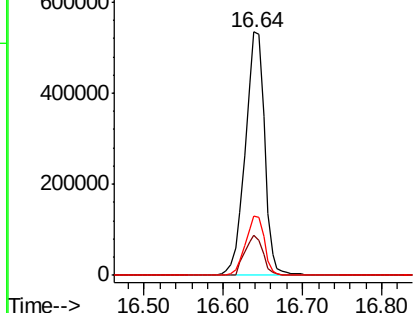
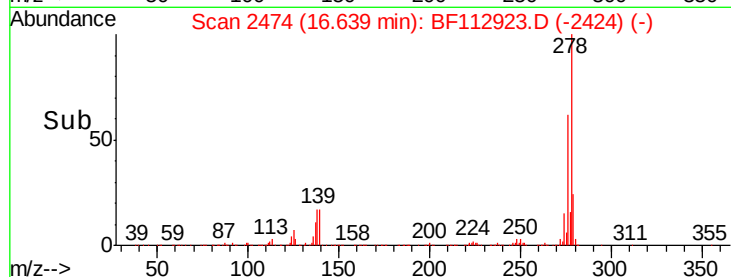


Abundance

Ion 278.00 (277.70 to 278.70): E

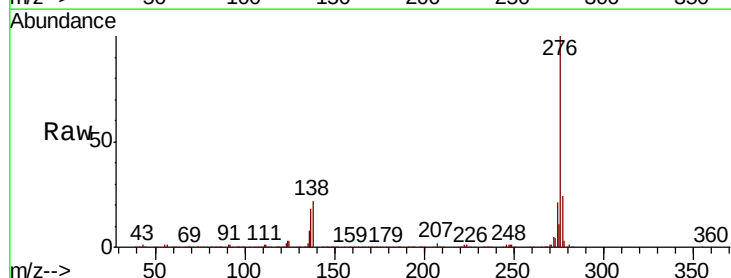
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.245 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	21.5	19.4	29.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

