

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
 Data File : BF112961.D
 Acq On : 11 Mar 2019 18:15
 Operator : JU/SJ
 Sample : K1785-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 4:28:40 PM

Quant Time: Mar 12 05:12:53 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	132145	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	517512	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	291911	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	680949	20.00	ng	0.00
76) Chrysene-d12	13.87	240	537737	20.00	ng	0.00
87) Perylene-d12	15.27	264	525666	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	920879	108.40	ng	0.00
7) Phenol-d6	6.37	99	1197377	112.21	ng	0.00
23) Nitrobenzene-d5	7.29	82	710924	82.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	432619	139.60	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1211053	64.50	ng	-0.01
79) Terphenyl-d14	12.82	244	1661121	59.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	123427	28.985	ng	97
3) Pyridine	3.12	79	274577	24.101	ng	97
4) n-Nitrosodimethylamine	3.03	42	139947	28.081	ng	97
6) Aniline	6.39	93	224805	15.304	ng	# 48
8) 2-Chlorophenol	6.52	128	308818	32.657	ng	94
9) Benzaldehyde	6.27	77	137598	17.895	ng	98
10) Phenol	6.38	94	431761	34.672	ng	99
11) bis(2-Chloroethyl)ether	6.46	93	291563	30.505	ng	97
12) 1,3-Dichlorobenzene	6.67	146	322926	33.057	ng	98
13) 1,4-Dichlorobenzene	6.75	146	332986	33.989	ng	98
14) 1,2-Dichlorobenzene	6.90	146	316028	35.189	ng	99
15) Benzyl Alcohol	6.87	79	268475	32.994	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	475807	29.830	ng	97
17) 2-Methylphenol	6.99	107	255552	33.311	ng	97
18) Hexachloroethane	7.25	117	117076	31.198	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	206017	30.483	ng	97
20) 3+4-Methylphenols	7.14	107	315108	36.382	ng	# 88
22) Acetophenone	7.13	105	420630	34.760	ng	92
24) Nitrobenzene	7.31	77	327287	34.001	ng	97
25) Isophorone	7.55	82	602784	32.352	ng	99
26) 2-Nitrophenol	7.63	139	165070	41.195	ng	100
27) 2,4-Dimethylphenol	7.67	122	280015	37.562	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	377507	32.407	ng	99
29) 2,4-Dichlorophenol	7.87	162	275130	38.058	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	275495	35.467	ng	98
31) Naphthalene	8.03	128	906882	35.296	ng	100
32) Benzoic acid	7.77	122	172099m	32.938	ng	
33) 4-Chloroaniline	8.08	127	127860	11.749	ng	99
34) Hexachlorobutadiene	8.16	225	159616	36.436	ng	98
35) Caprolactam	8.43	113	103853m	40.788	ng	
36) 4-Chloro-3-methylphenol	8.57	107	305779	38.220	ng	97
37) 2-Methylnaphthalene	8.73	142	624753	37.653	ng	97
38) 1-Methylnaphthalene	8.82	142	592337	36.853	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	279561	32.842	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	263601	56.550	nq	99
43) 2,4,6-Trichlorophenol	9.00	196	220444	37.628	nq	100
44) 2,4,5-Trichlorophenol	9.05	196	241629	38.158	nq	96
46) 1,1'-Biphenyl	9.19	154	792558	33.287	nq	100
47) 2-Chloronaphthalene	9.21	162	611604	32.897	nq	99
48) 2-Nitroaniline	9.30	65	215014	38.049	nq	95
49) Acenaphthylene	9.62	152	1060283	33.593	nq	99
50) Dimethylphthalate	9.49	163	849875	39.485	nq	99
51) 2,6-Dinitrotoluene	9.55	165	175715	39.203	nq #	81
52) Acenaphthene	9.80	154	626384	33.937	nq	98
53) 3-Nitroaniline	9.71	138	142516	26.094	nq	96
54) 2,4-Dinitrophenol	9.82	184	152460	82.902	nq	98
55) Dibenzofuran	9.97	168	959617	35.772	nq	96
56) 4-Nitrophenol	9.88	139	373485	84.142	nq	94
57) 2,4-Dinitrotoluene	9.95	165	249217	44.731	nq #	82
58) Fluorene	10.31	166	716452	37.630	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	231585	43.896	nq	93
60) Diethylphthalate	10.19	149	801496	35.257	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	357182	40.321	nq	90
62) 4-Nitroaniline	10.32	138	215116	42.624	nq	94
63) Azobenzene	10.46	77	771530	33.135	nq	94
65) 4,6-Dinitro-2-methylphenol	10.36	198	106998	39.180	nq	81
66) n-Nitrosodiphenylamine	10.42	169	694573	31.805	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	240363	33.512	nq #	89
68) Hexachlorobenzene	10.86	284	285553	35.318	nq #	86
69) Atrazine	10.95	200	242069	36.192	nq	99
70) Pentachlorophenol	11.05	266	349623	73.470	nq	98
71) Phenanthrene	11.26	178	1217805	35.945	nq	99
72) Anthracene	11.32	178	1262468	35.598	nq	99
73) Carbazole	11.47	167	1257189	36.339	nq	100
74) Di-n-butylphthalate	11.81	149	1437271	34.647	nq	99
75) Fluoranthene	12.45	202	1462125	40.281	nq	99
77) Benzidine	12.56	184	479779	17.197	nq	99
78) Pyrene	12.67	202	1490188	32.872	nq	99
80) Butylbenzylphthalate	13.29	149	680765	34.021	nq	97
81) Benzo(a)anthracene	13.86	228	1124387	30.170	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	307700	21.830	nq	100
83) Chrysene	13.89	228	1151060	31.531	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	828098	35.282	nq	100
85) Di-n-octyl phthalate	14.46	149	1519839	37.711	nq	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177834	37.845	nq	95
88) Benzo(b)fluoranthene	14.87	252	1095261	32.212	nq #	98
89) Benzo(k)fluoranthene	14.90	252	995155m	32.312	nq	
90) Benzo(a)pyrene	15.22	252	1021189	33.955	nq	97
91) Dibenzo(a,h)anthracene	16.64	278	982618	38.289	nq	99
92) Benzo(g,h,i)perylene	17.04	276	951529	36.924	nq	96

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

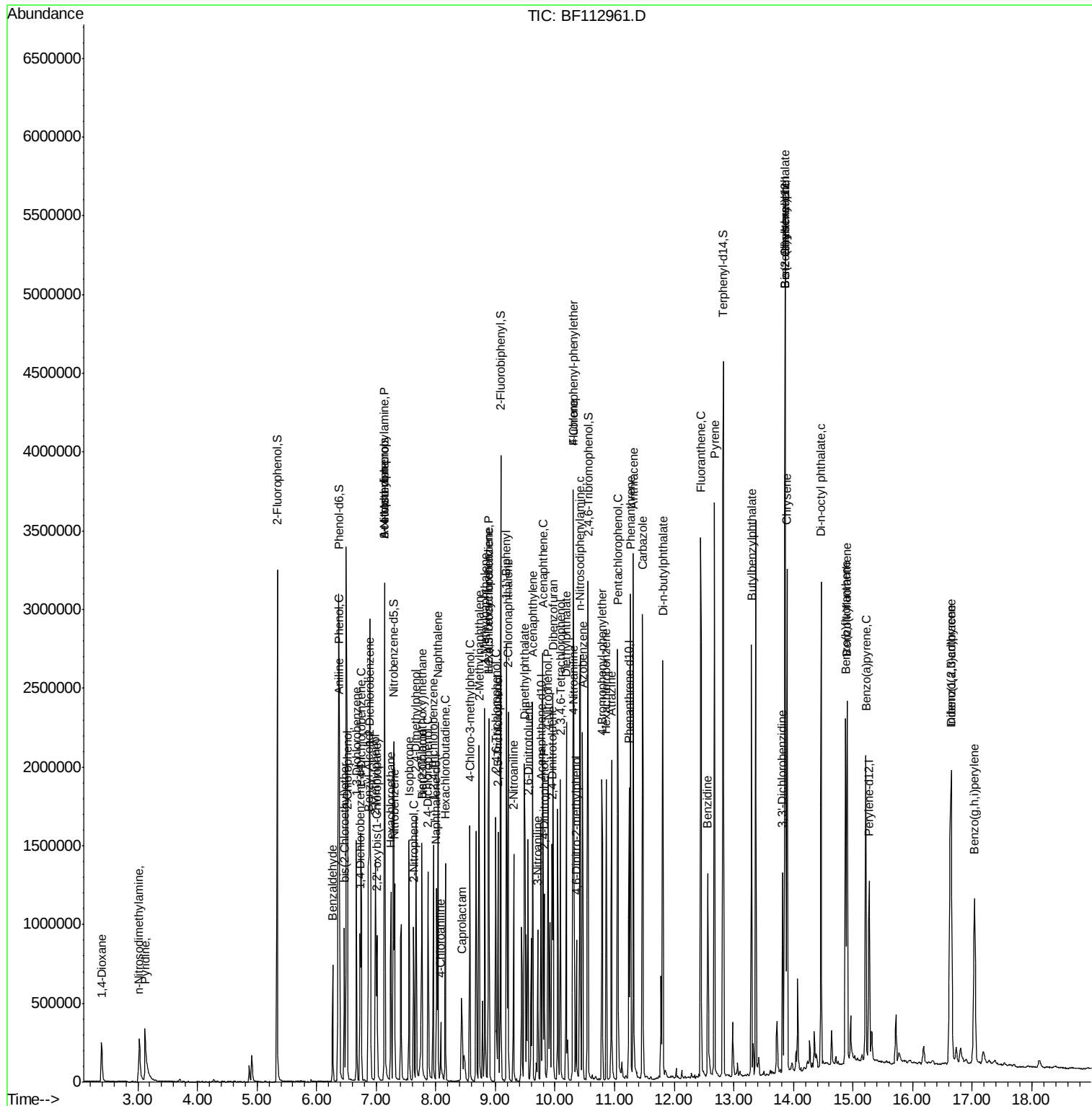
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
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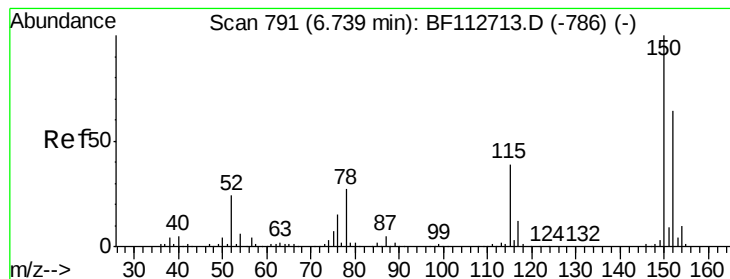
Instrument :
BNA_F
ClientSampled :
SD2-0.0-0.5MS

Manual Integrations
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#1

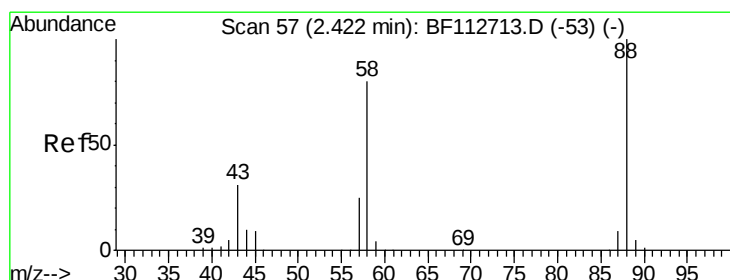
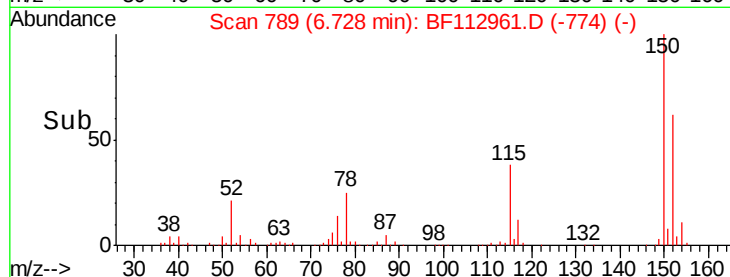
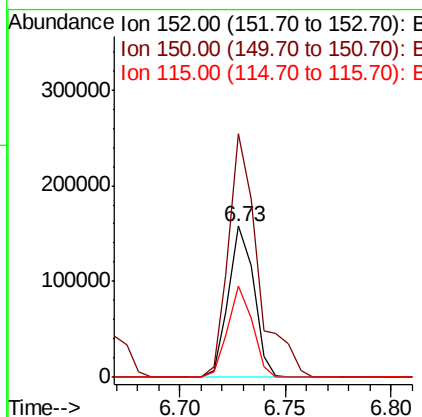
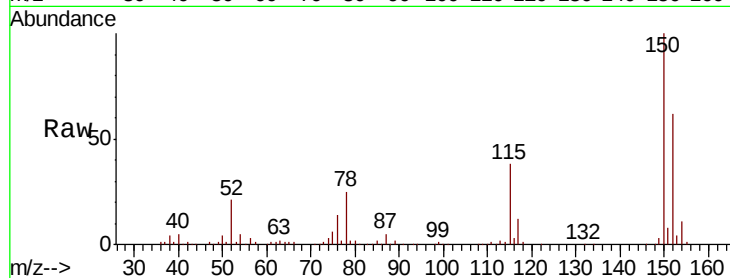
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.2	186.2
115	60.5	48.2	72.4

Manual Integrations
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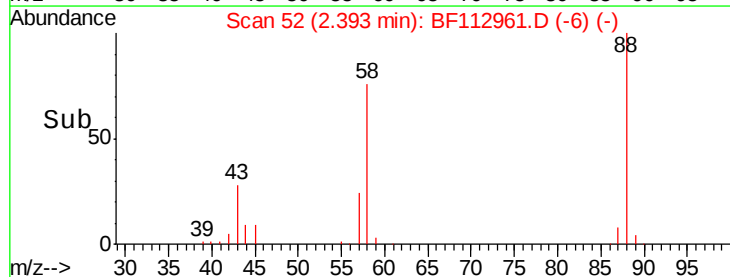
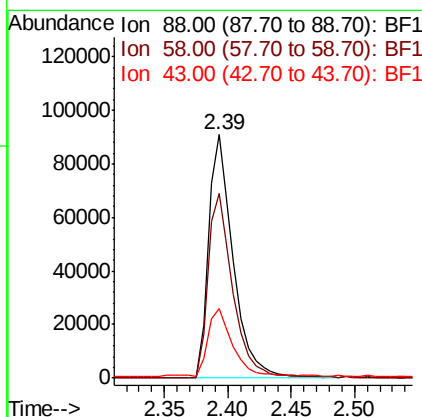
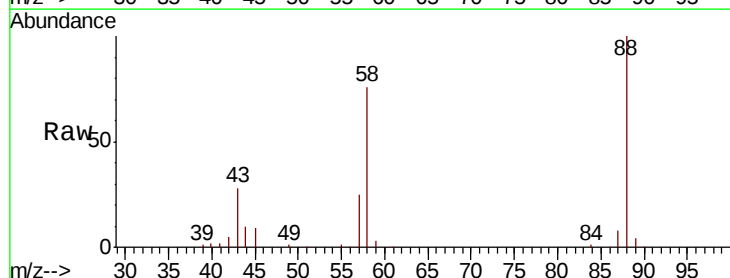
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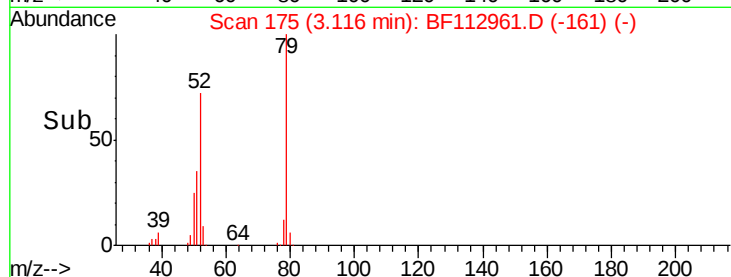
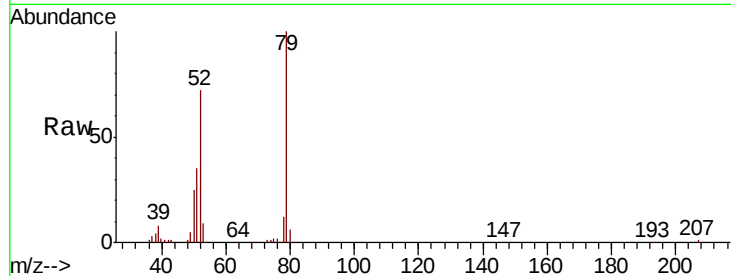
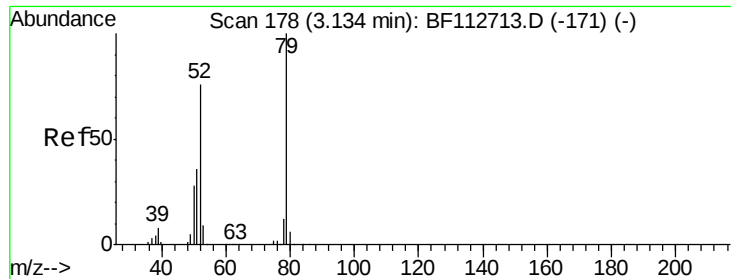


#2

1,4-Dioxane
Concen: 28.985 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.03 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.6	63.1	94.7
43	28.6	24.3	36.5





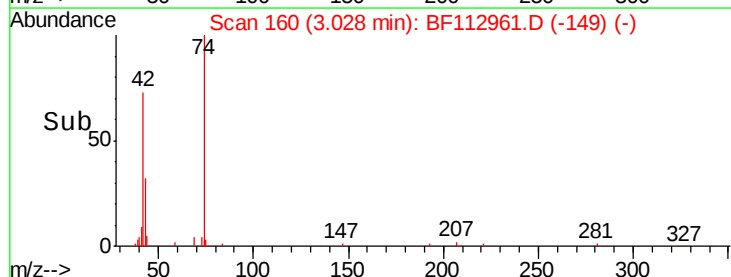
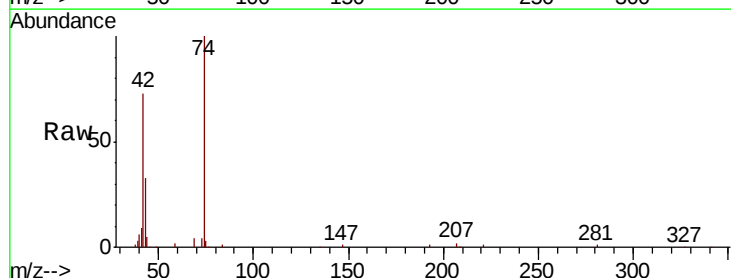
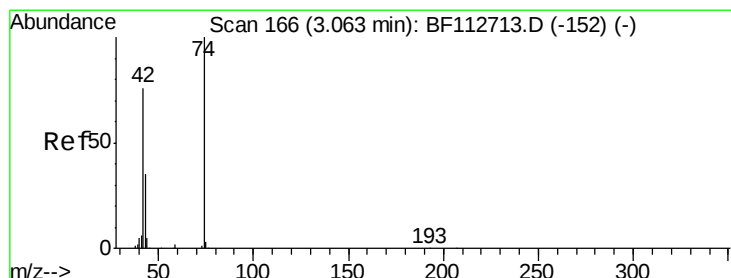
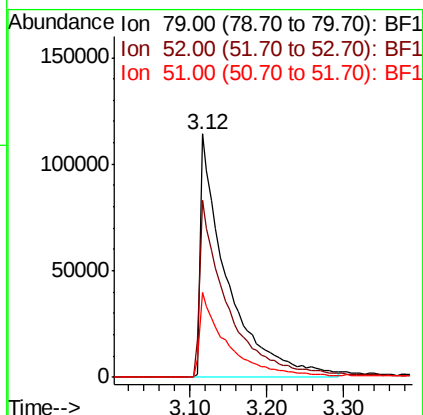
#3
Pvridine
Concen: 24.101 ng
RT: 3.12 min Scan# 175
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.5	60.5	90.7
51	35.0	28.8	43.2

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

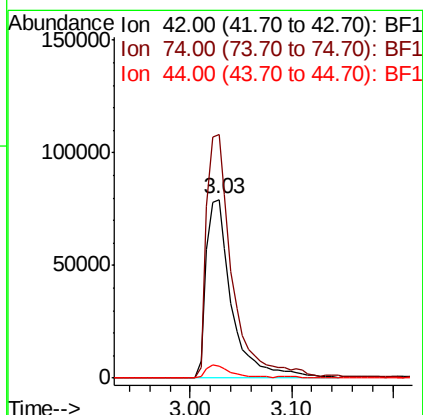
Manual Integrations
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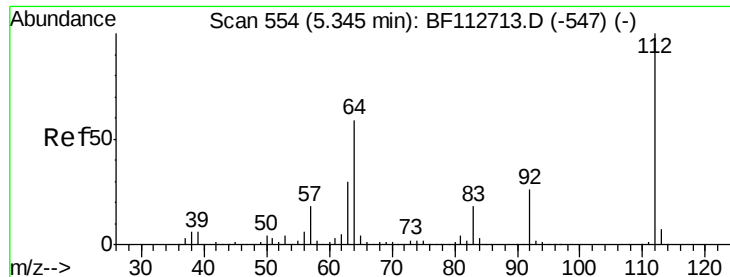
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#4
n-Nitrosodimethylamine
Concen: 28.081 ng
RT: 3.03 min Scan# 160
Delta R.T. -0.04 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.4	105.8	158.8
44	6.9	6.2	9.2





#5

2-Fluorophenol

Concen: 108.401 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

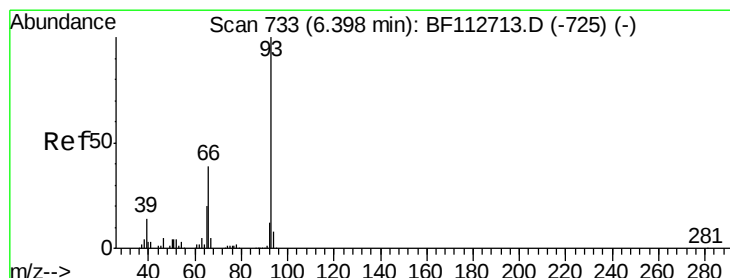
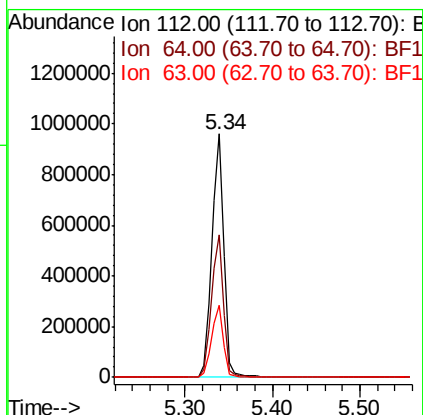
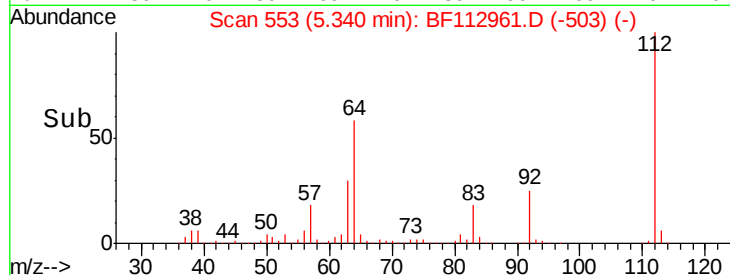
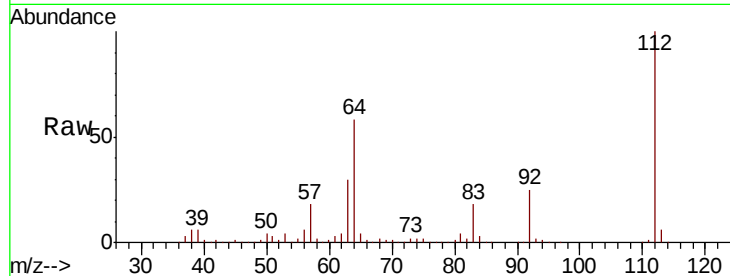
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		920879		
64	58.4	47.6	71.4		
63	29.8	24.4	36.6		

Manual Integrations
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#6

Aniline

Concen: 15.304 ng

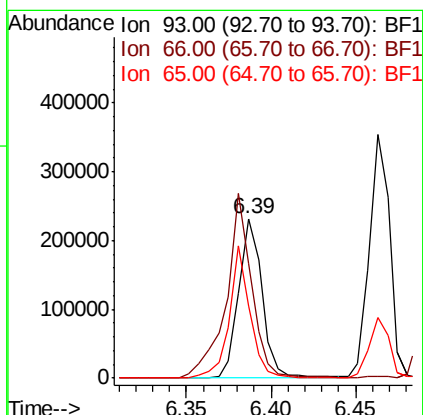
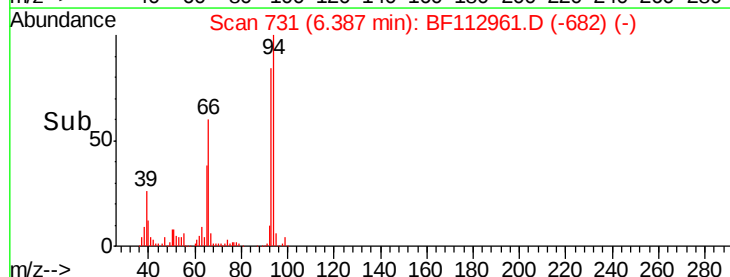
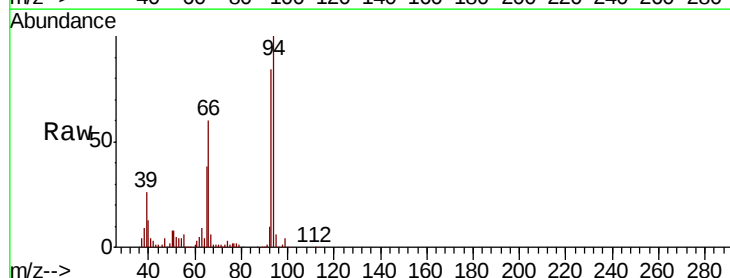
RT: 6.39 min Scan# 731

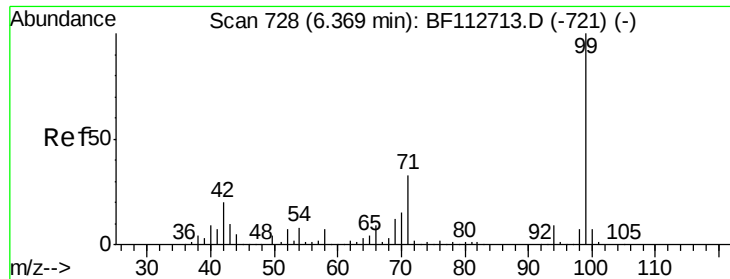
Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		224805		
66	71.3	32.2	48.2#		
65	45.5	16.2	24.4#		





#7

Phenol-d6

Concen: 112.206 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampled :

SD2-0.0-0.5MS

Tot Ion: 99 Resp: 1197377

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

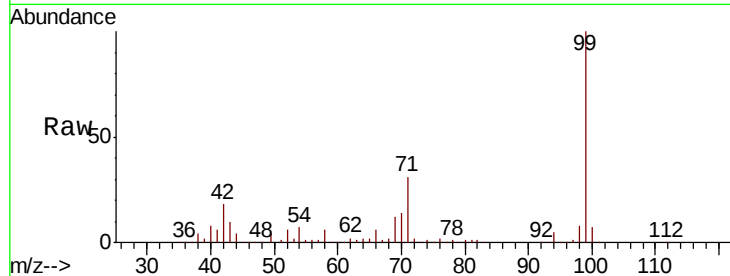
71 31.5 26.2 39.4

Manual Integrations

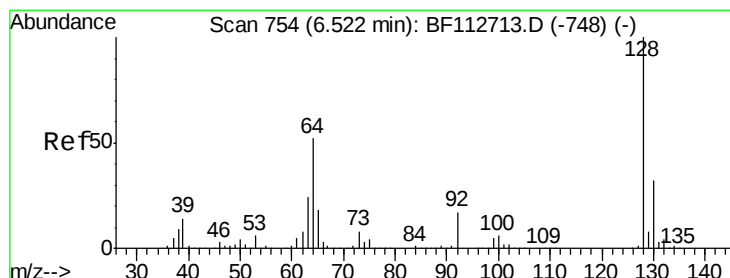
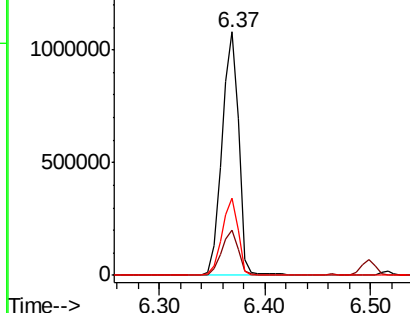
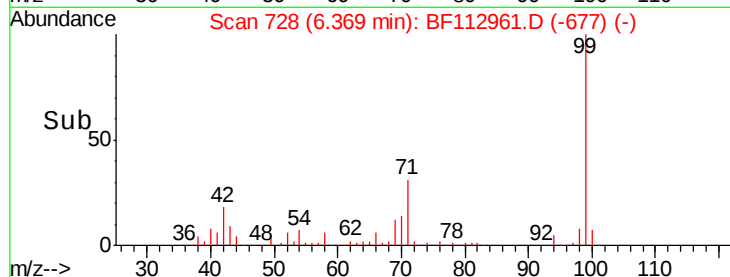
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 32.657 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

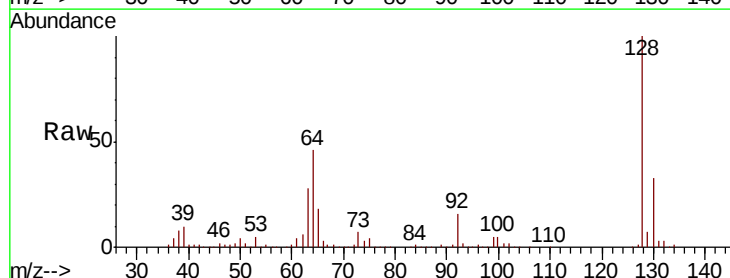
Tgt Ion:128 Resp: 308818

Ion Ratio Lower Upper

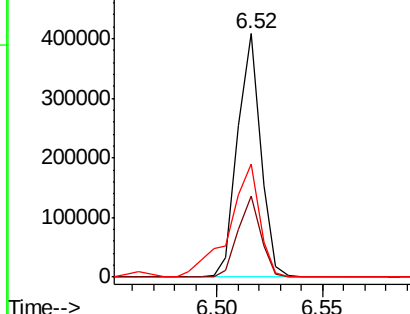
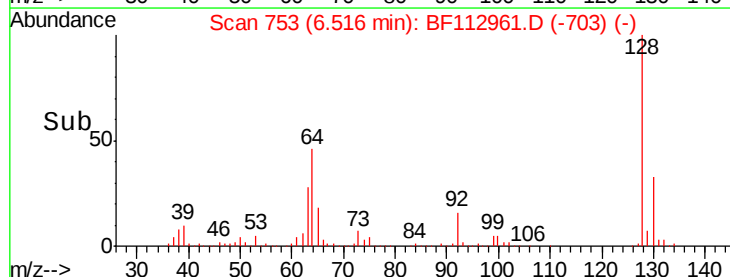
128 100

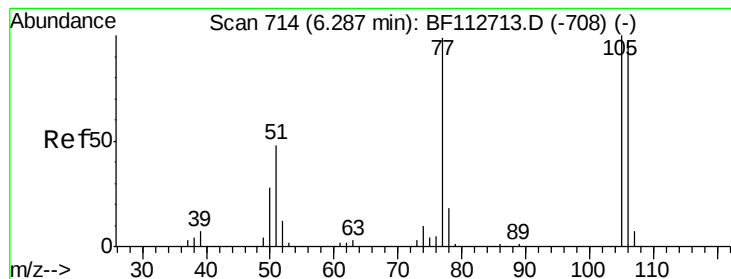
130 33.3 12.4 52.4

64 46.2 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: 17.895 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

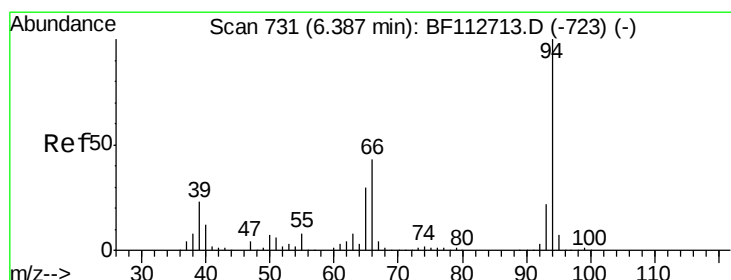
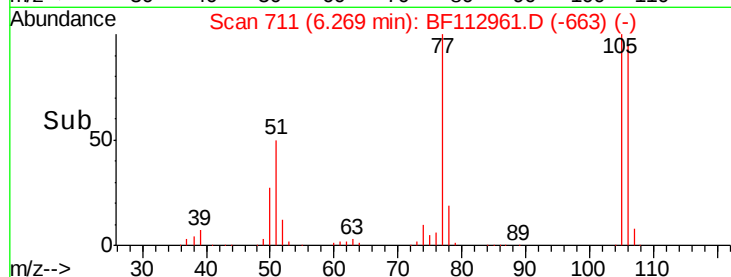
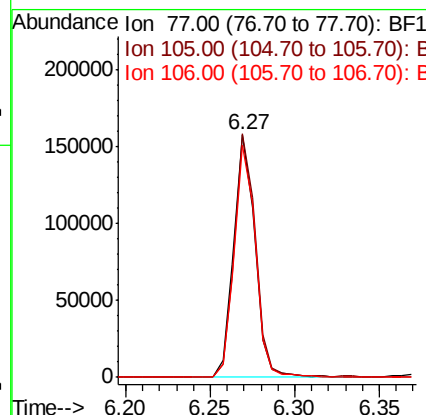
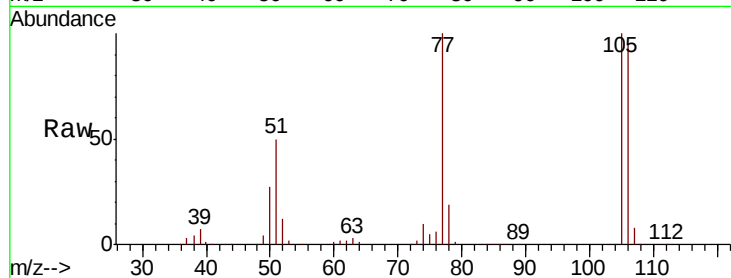
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:	77	Resp:	137598
Ion	Ratio	Lower	Upper
77	100		
105	100.3	81.4	121.4
106	95.6	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 34.672 ng

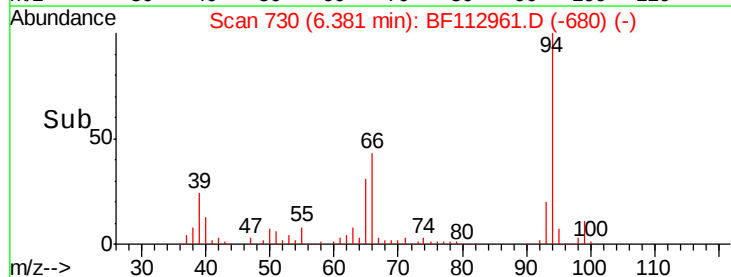
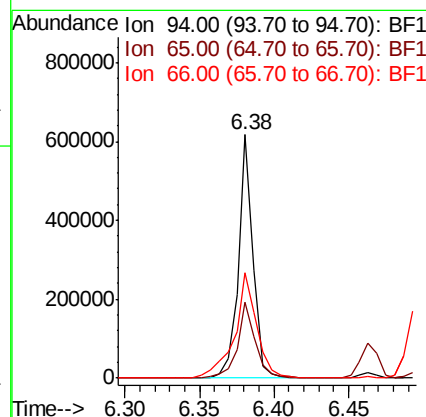
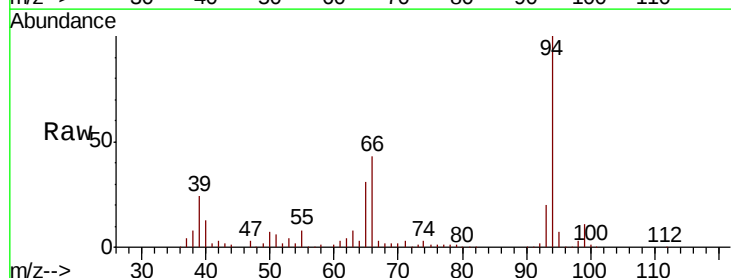
RT: 6.38 min Scan# 730

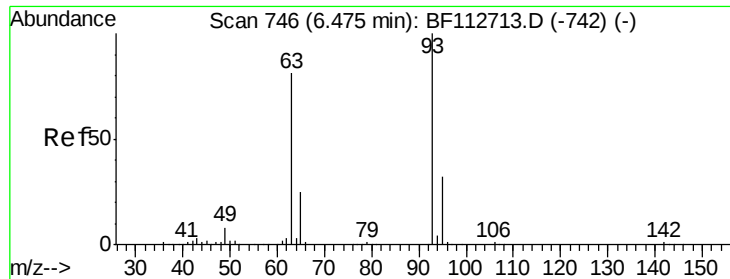
Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:	94	Resp:	431761
Ion	Ratio	Lower	Upper
94	100		
65	31.1	10.5	50.5
66	43.4	22.6	62.6





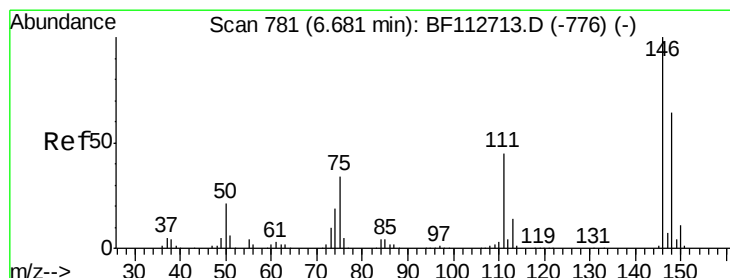
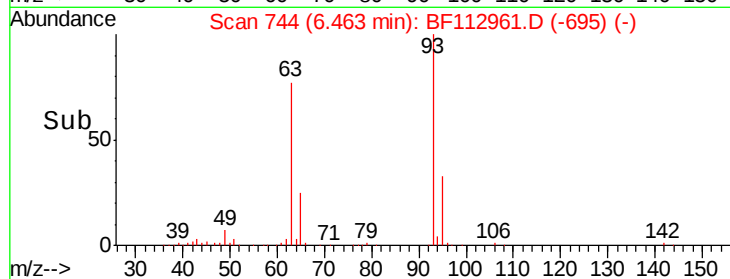
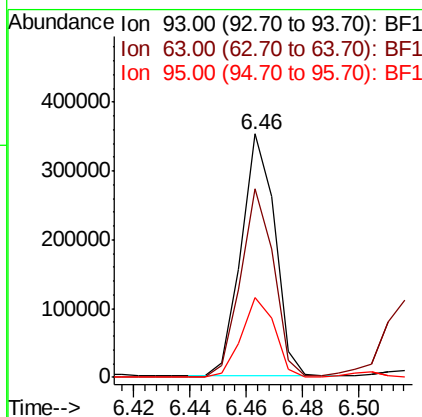
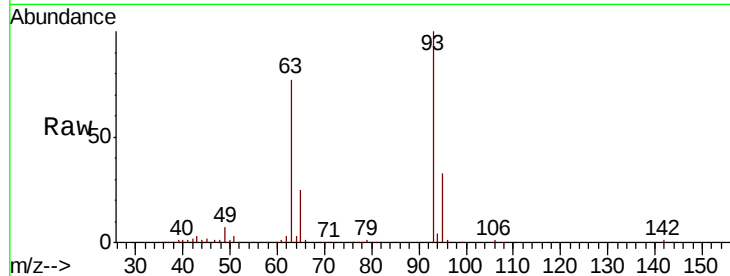
#11
bis(2-Chloroethyl)ether
Concen: 30.505 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.4	60.5	100.5
95	32.9	12.1	52.1

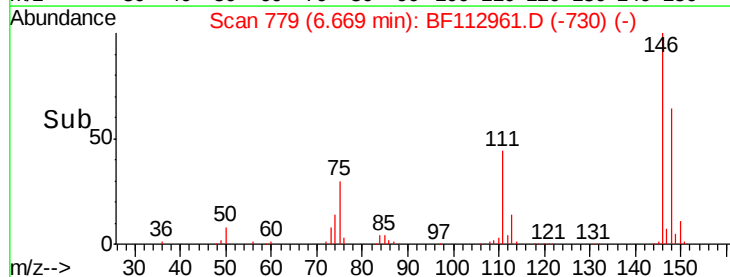
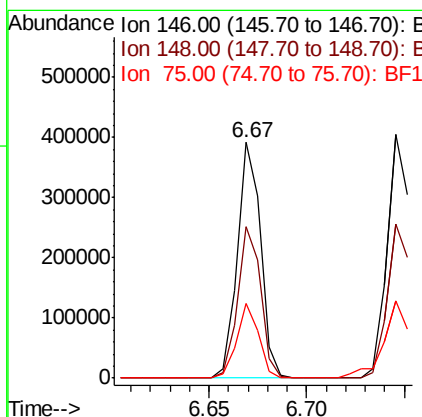
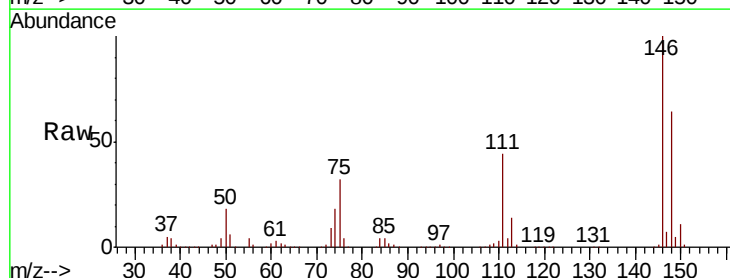
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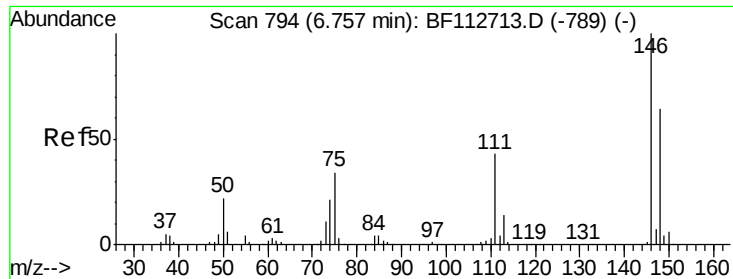
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#12
1,3-Dichlorobenzene
Concen: 33.057 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
75	31.8	26.9	40.3





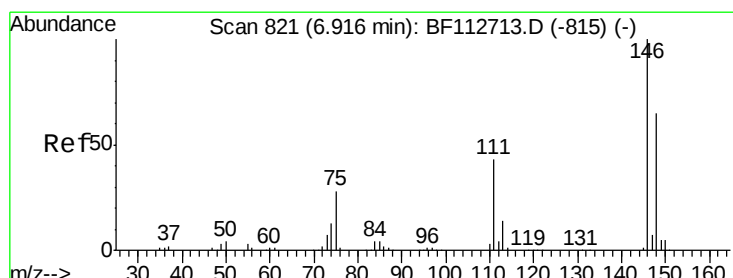
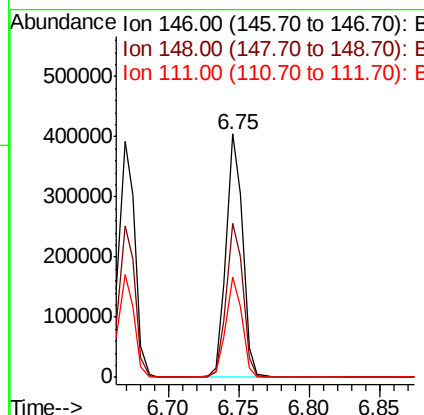
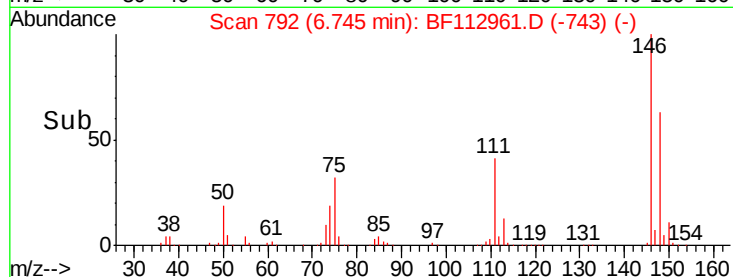
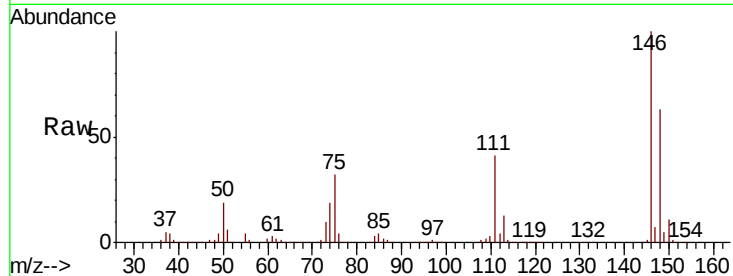
#13
1,4-Dichlorobenzene
Concen: 33.989 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampled :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.4
111	41.0	34.5	51.7

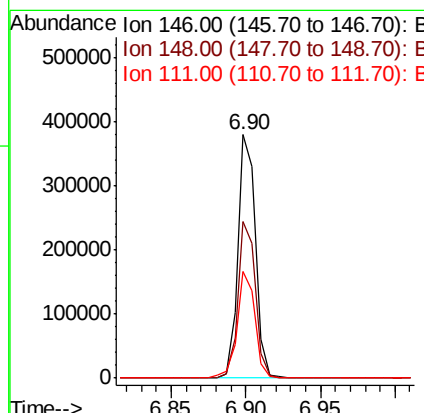
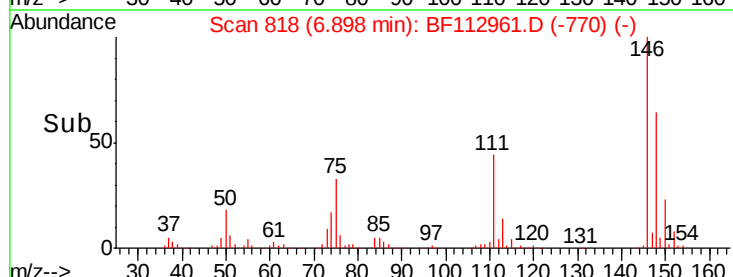
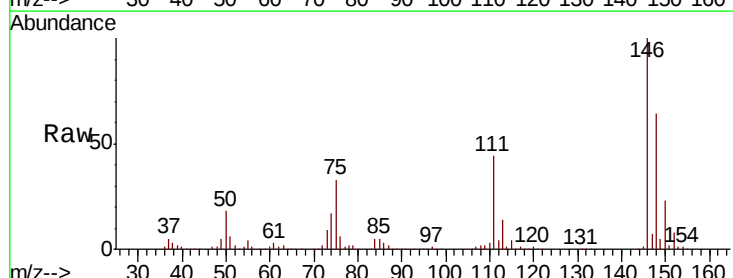
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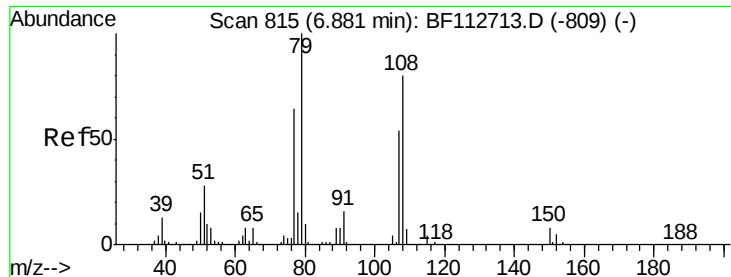
Sohil
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#14
1,2-Dichlorobenzene
Concen: 35.189 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	43.9	34.8	52.2





#15

Benzyl Alcohol

Concen: 32.994 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

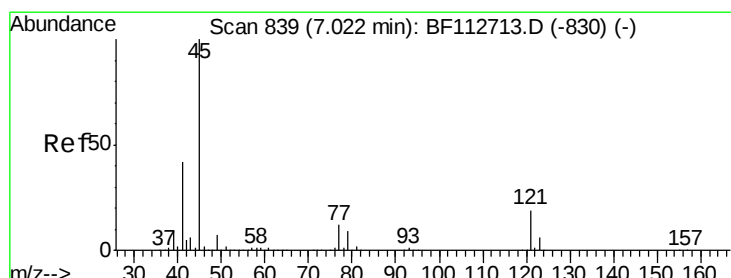
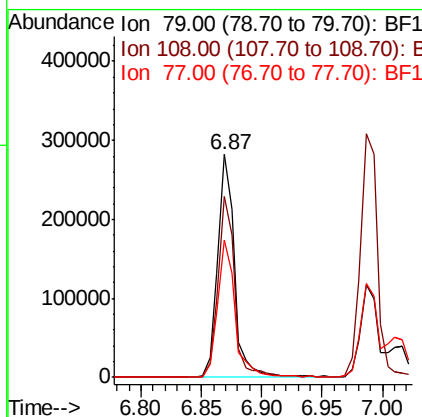
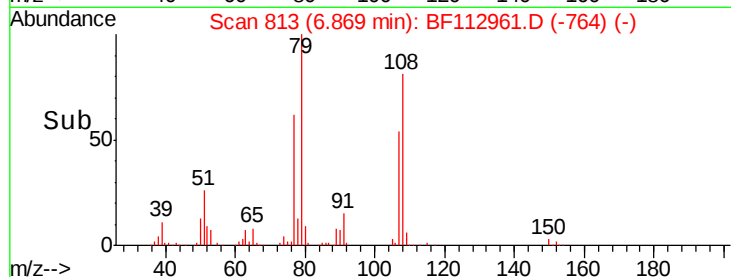
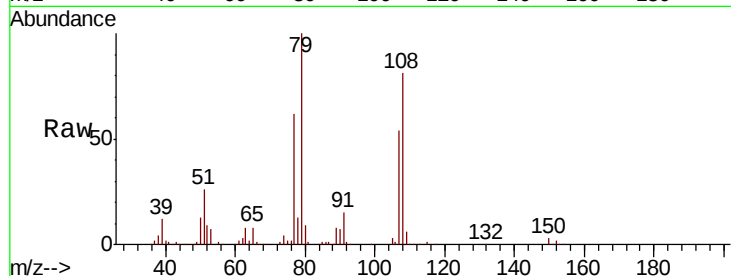
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:	79	Resp:	268475
Ion Ratio	Lower	Upper	
79	100		
108	81.0	64.2	96.4
77	61.9	51.1	76.7

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.830 ng

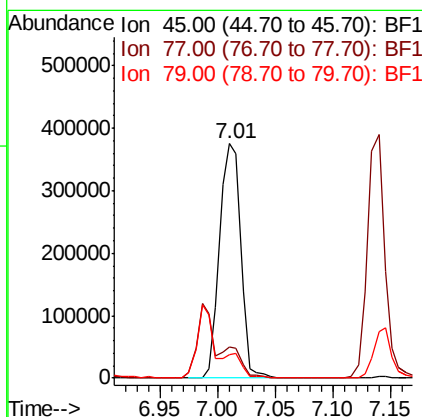
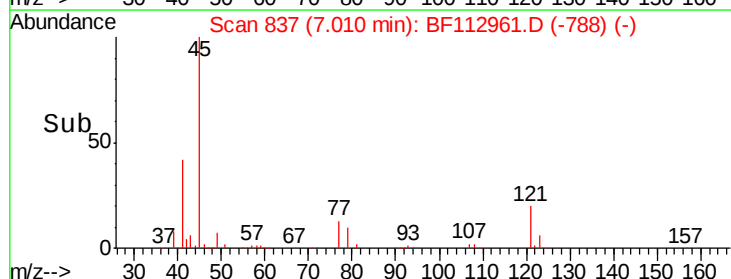
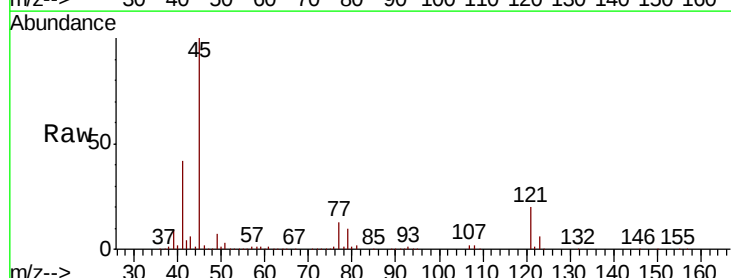
RT: 7.01 min Scan# 837

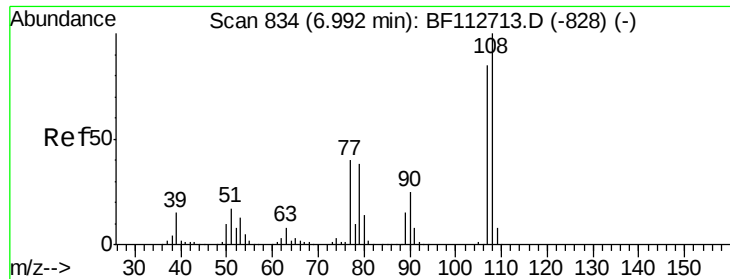
Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:	45	Resp:	475807
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.1
79	10.2	0.0	29.4





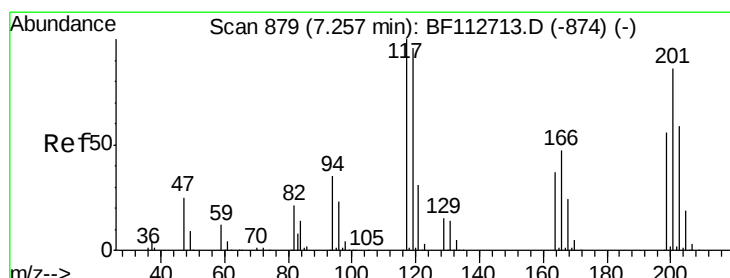
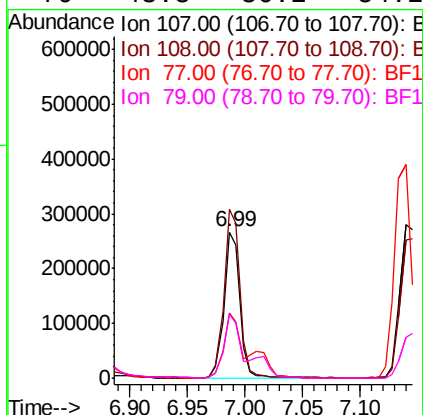
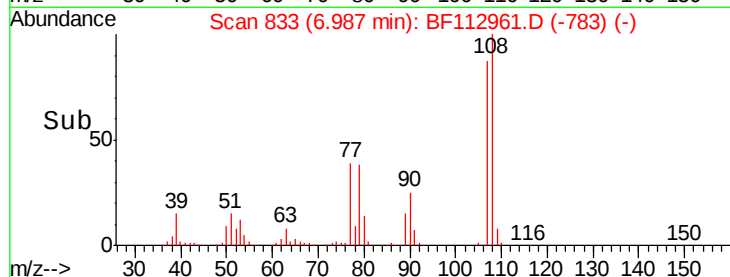
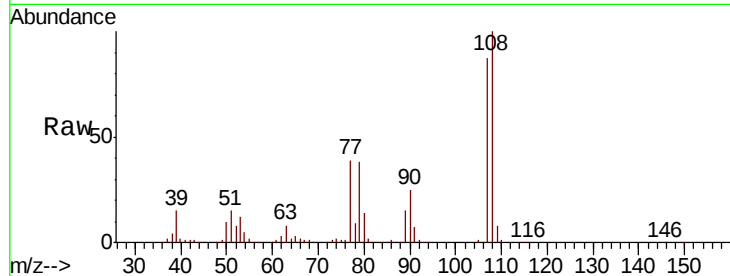
#17
2-Methylphenol
Concen: 33.311 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion:	107	Resp:	255552
Ion Ratio	Lower	Upper	
107	100		
108	115.4	94.6	142.0
77	44.5	37.8	56.8
79	43.8	36.2	54.2

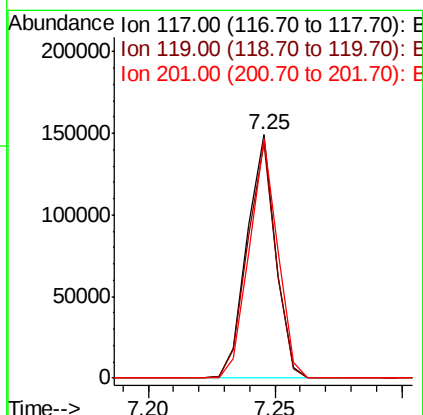
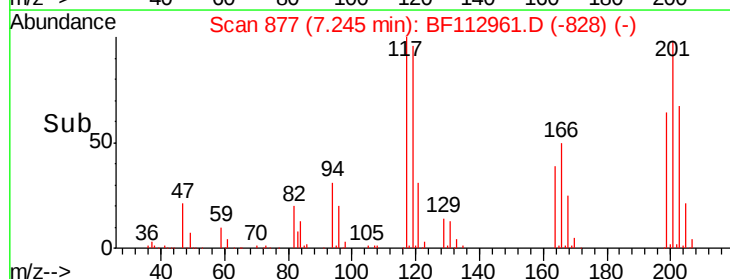
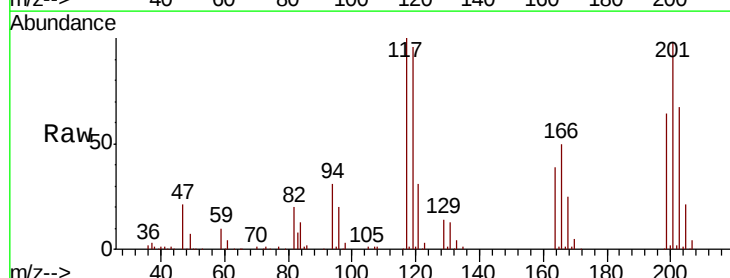
Manual Integrations
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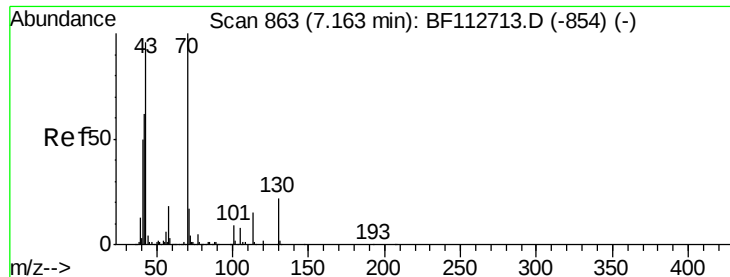
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#18
Hexachloroethane
Concen: 31.198 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:	117	Resp:	117076
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.6	115.0
201	98.5	68.9	103.3





#19

n-Nitroso-di-n-propylamine

Concen: 30.483 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

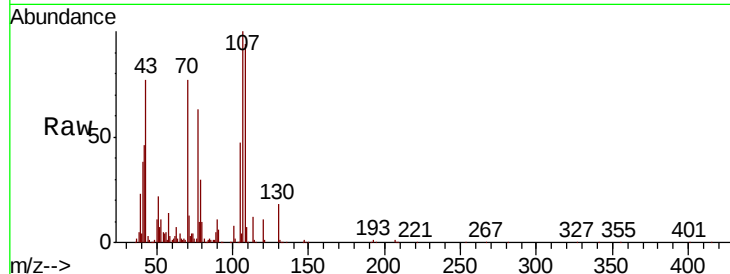
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		206017		
42	60.4	49.9	74.9		
101	10.2	7.4	11.2		
130	22.8	17.4	26.2		

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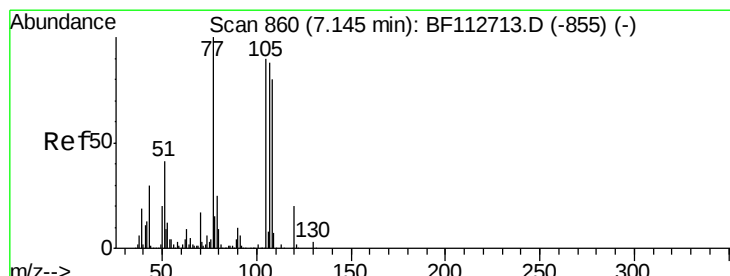
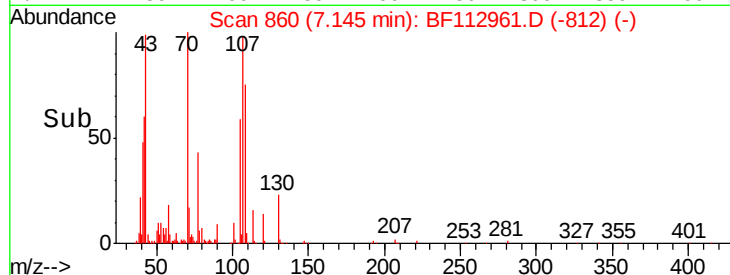
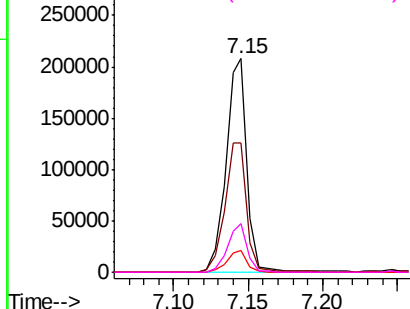
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.382 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		315108		
108	89.8	71.4	111.4		
77	138.5	94.1	134.1#		
79	26.3	8.6	48.6		

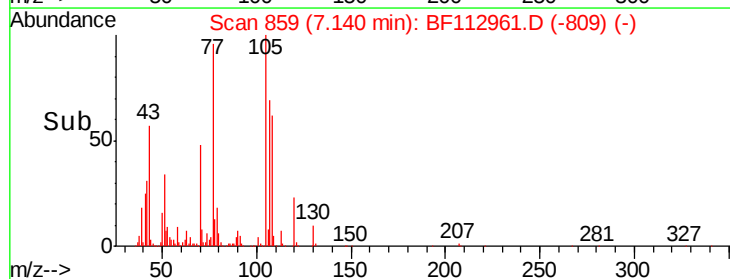
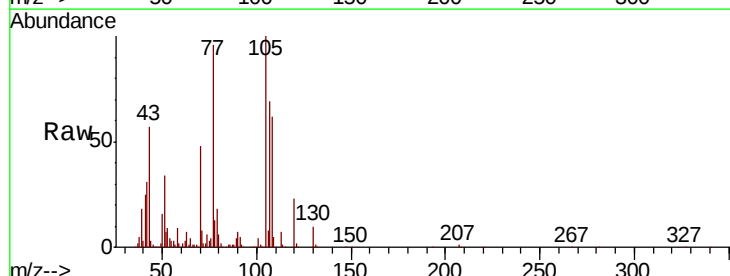
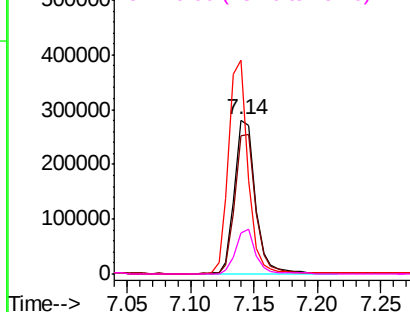
Abundance

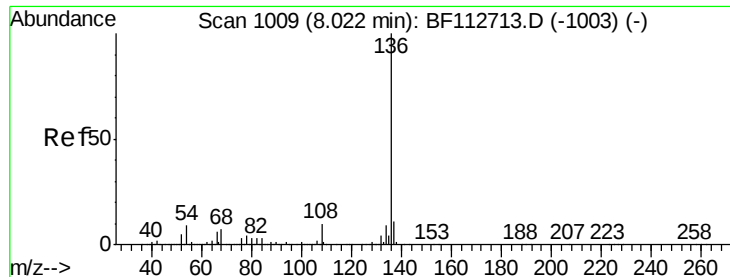
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





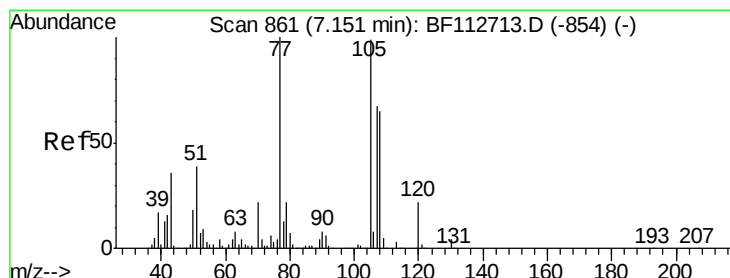
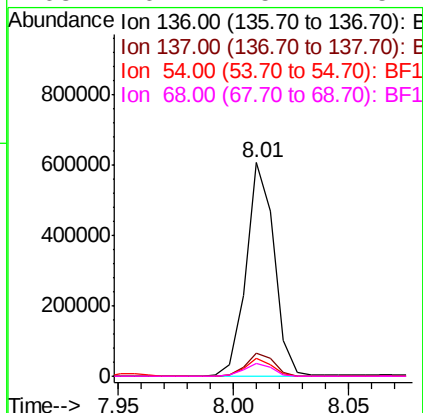
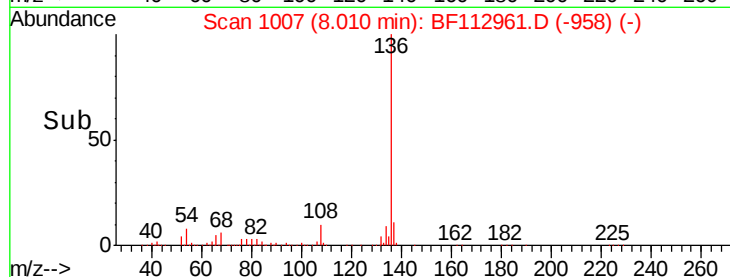
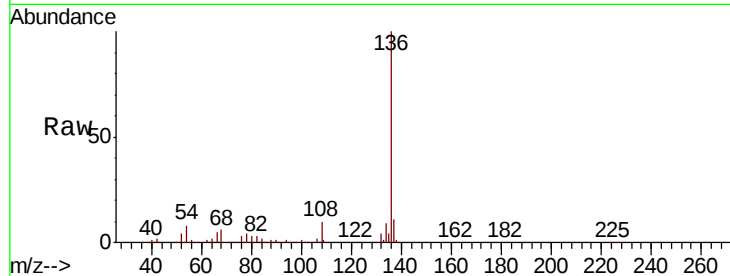
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.3	10.9
68	6.2	5.4	8.2

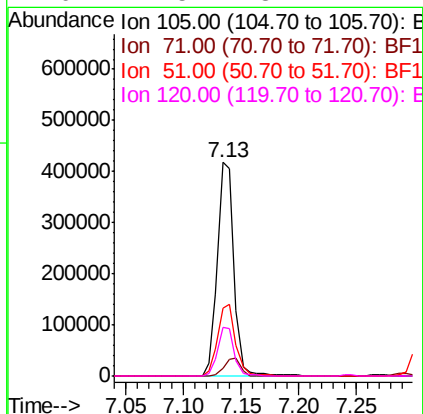
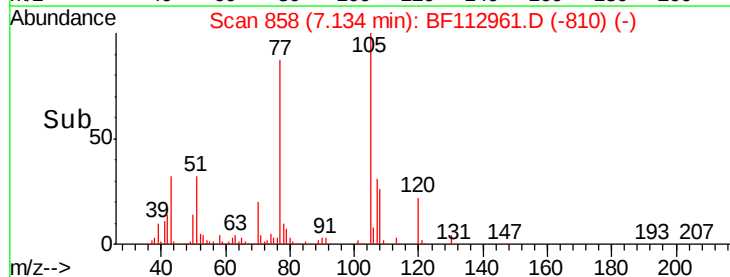
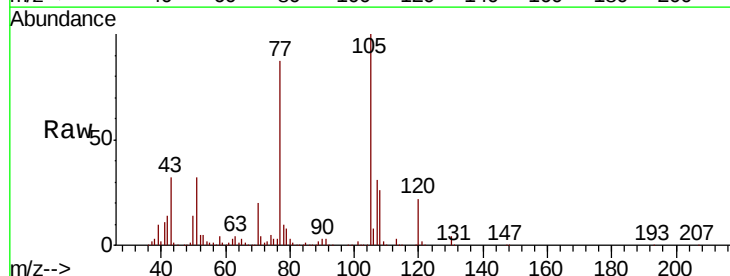
Manual Integrations
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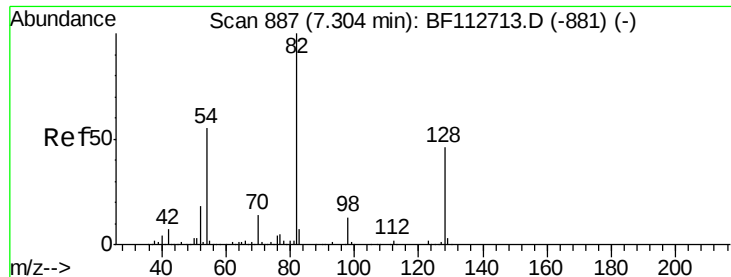
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#22
Acetophenone
Concen: 34.760 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	3.5	3.0	4.4
51	31.7	31.5	47.3
120	22.5	18.1	27.1





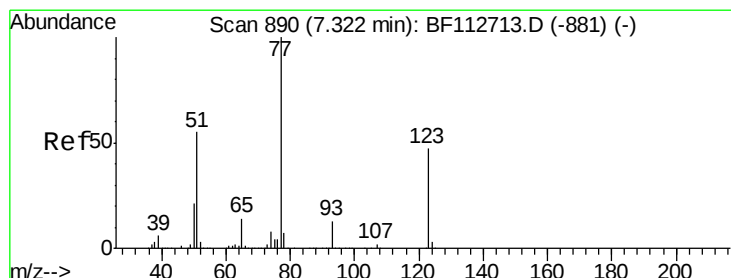
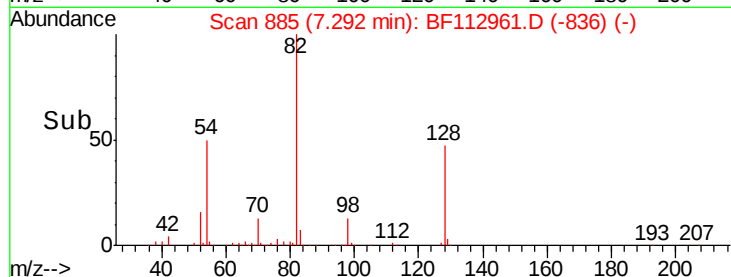
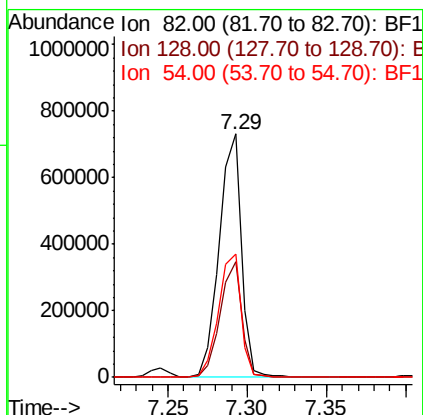
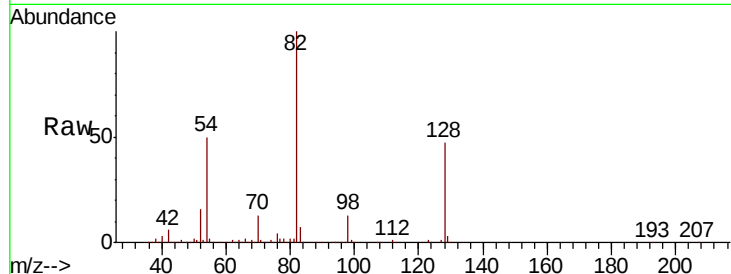
#23
 Nitrobenzene-d5
 Concen: 82.201 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.3	54.5
54	50.4	43.7	65.5

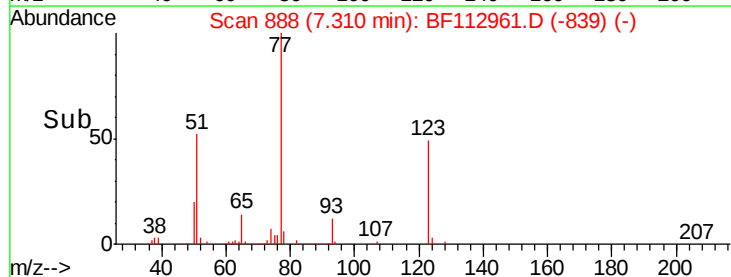
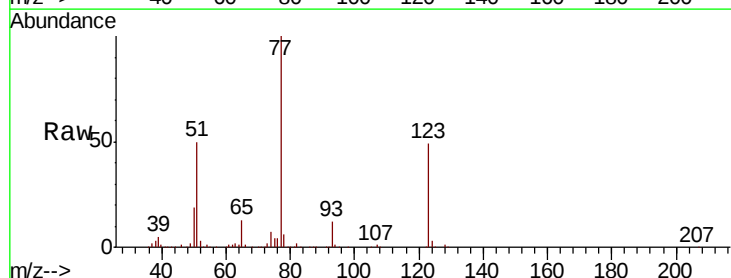
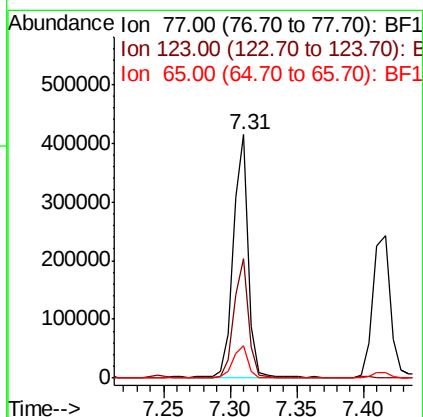
Manual Integrations
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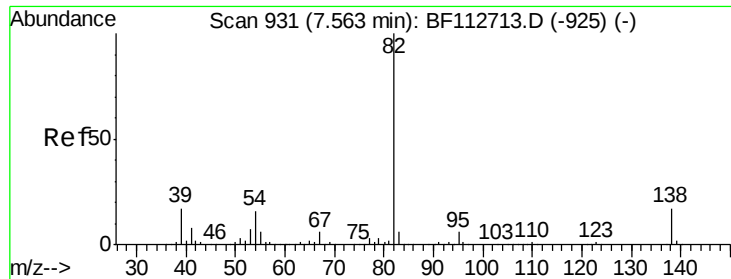
Sohil
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#24
 Nitrobenzene
 Concen: 34.001 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	37.8	56.6
65	13.2	11.1	16.7





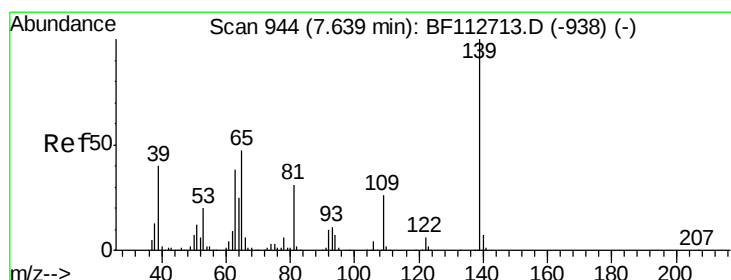
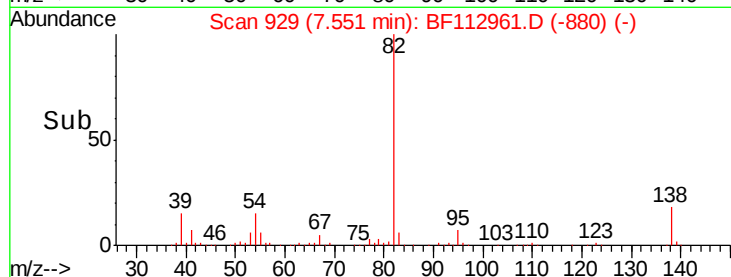
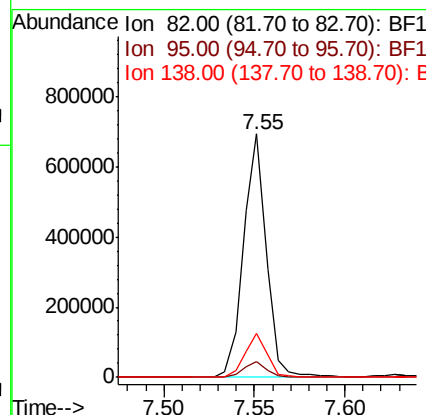
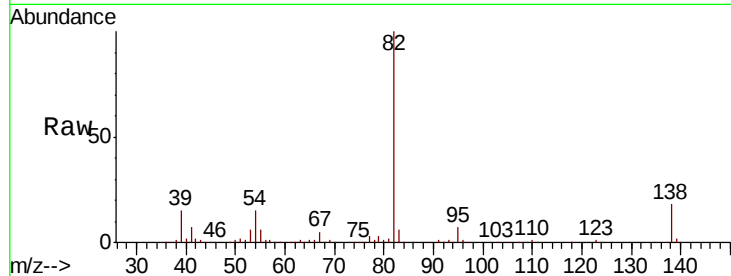
#25
Isophorone
Concen: 32.352 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.2	7.8
138	18.0	13.8	20.8

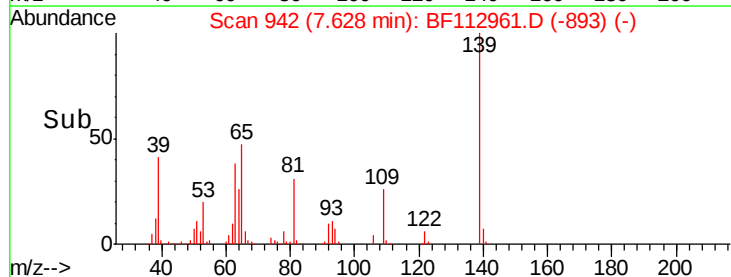
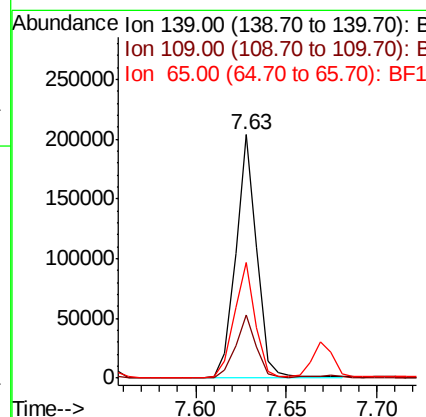
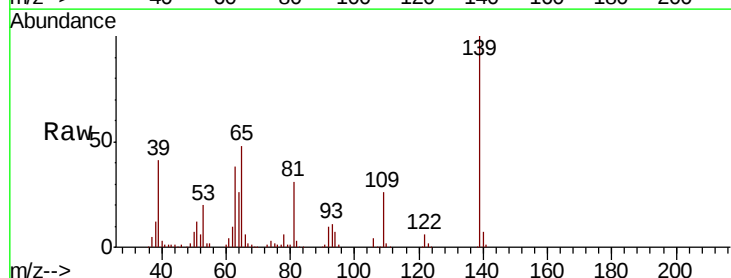
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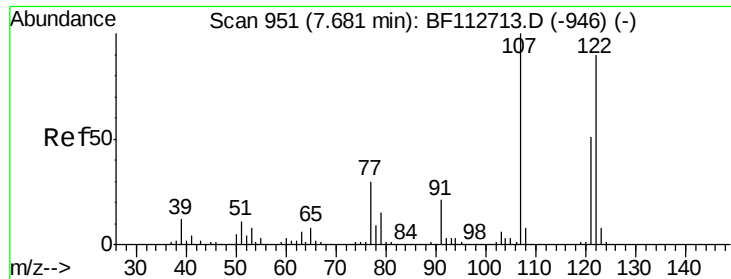
Sohil
3/12/2019 4:28:40 PM



#26
2-Nitrophenol
Concen: 41.195 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.9	20.6	31.0
65	47.6	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 37.562 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

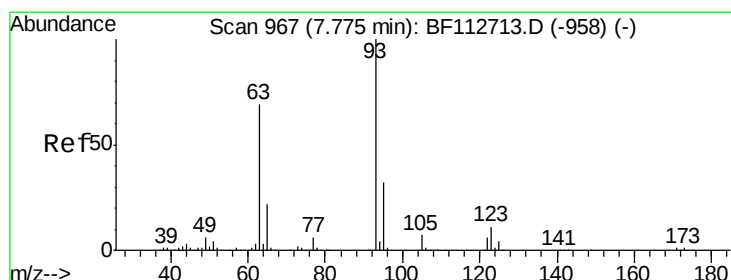
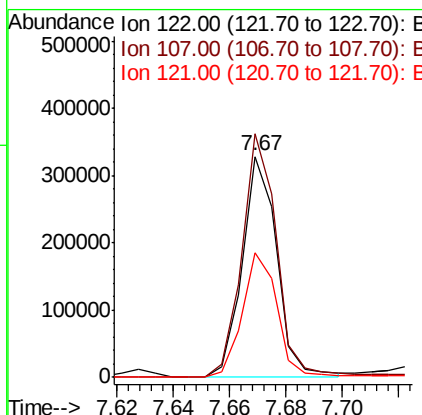
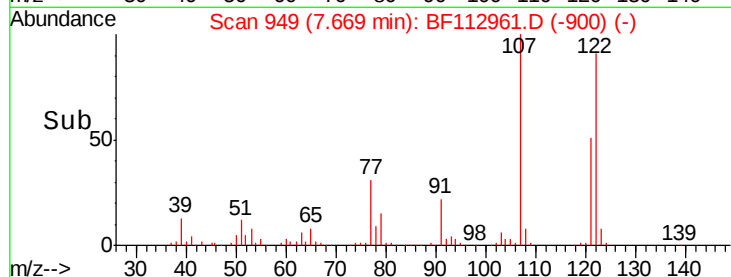
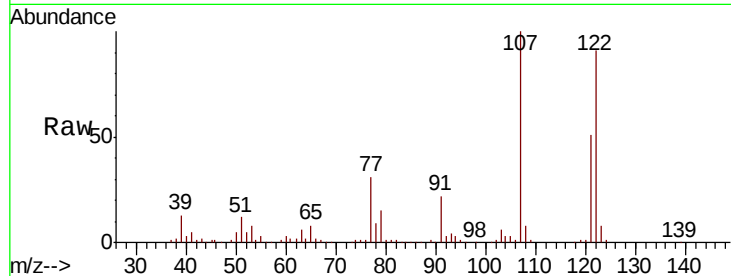
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:	122	Resp:	280015
Ion Ratio	Lower	Upper	
122	100		
107	110.3	89.4	134.0
121	56.7	45.5	68.3

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#28

bis(2-Chloroethoxy)methane

Concen: 32.407 ng

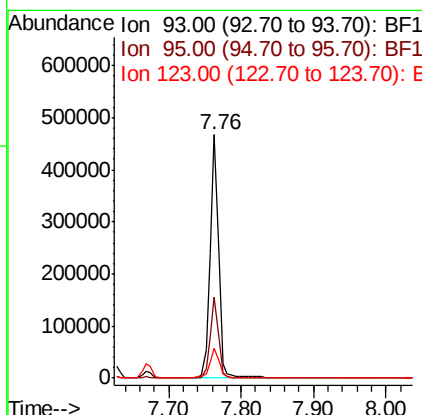
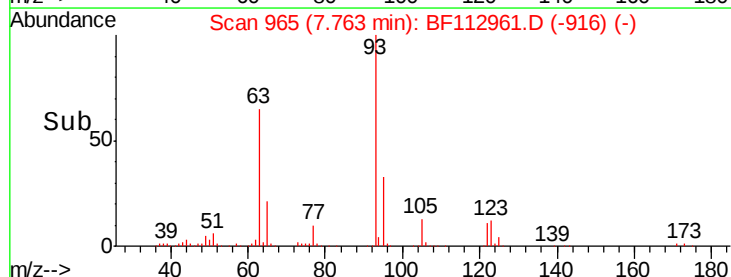
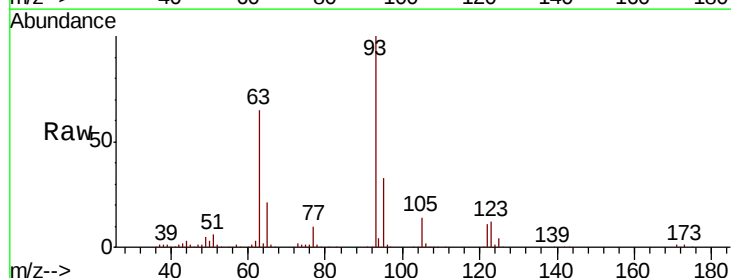
RT: 7.76 min Scan# 965

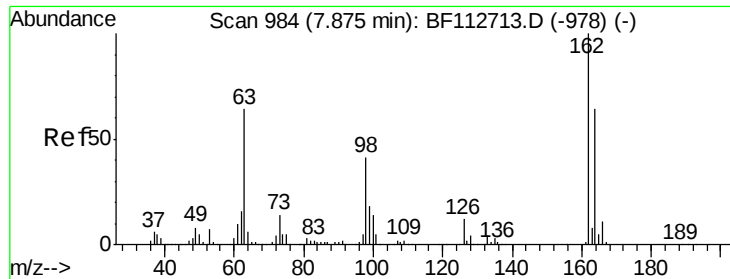
Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:	93	Resp:	377507
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.0	39.0
123	12.4	9.3	13.9





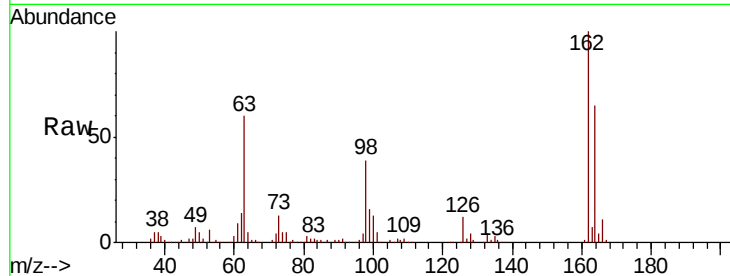
#29
2,4-Dichlorophenol
Concen: 38.058 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.0	84.0
98	39.0	20.7	60.7

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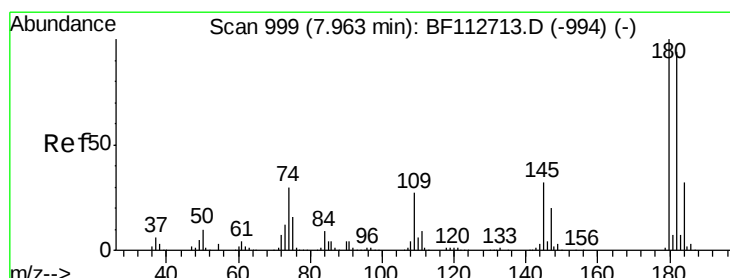
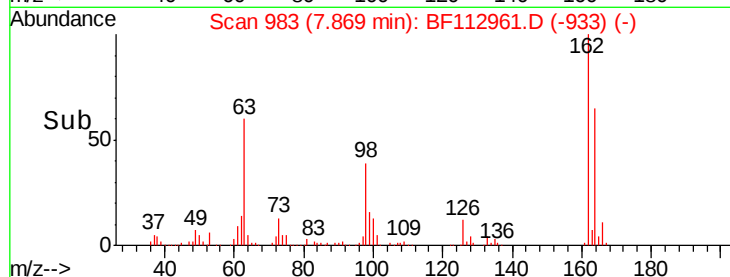
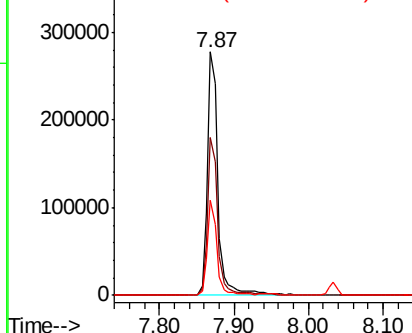


Abundance

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: 35.467 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

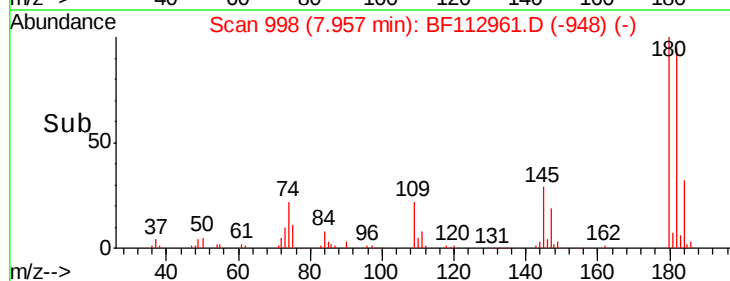
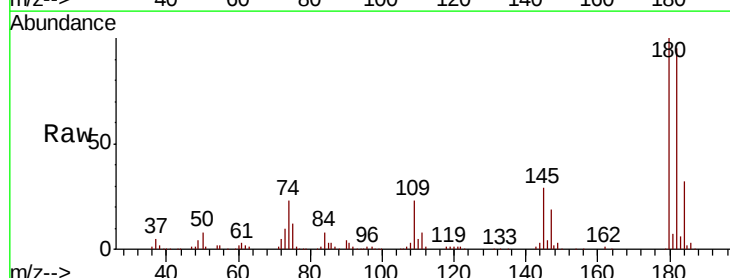
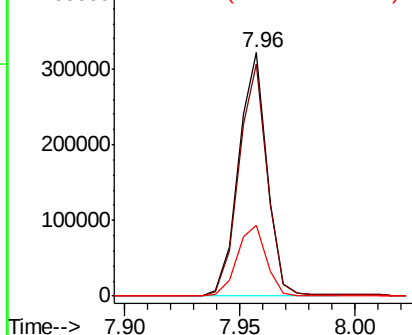
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.2	112.8
145	29.2	25.4	38.0

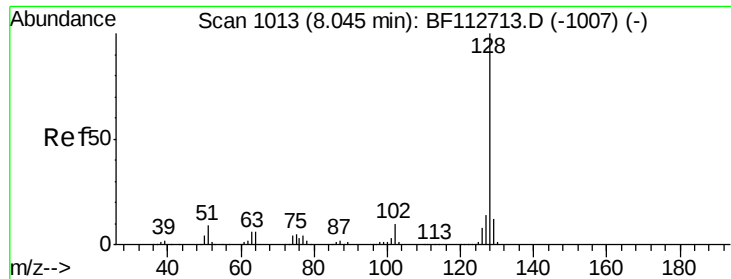
Abundance

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





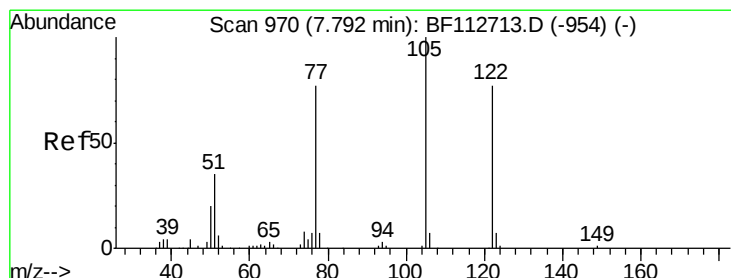
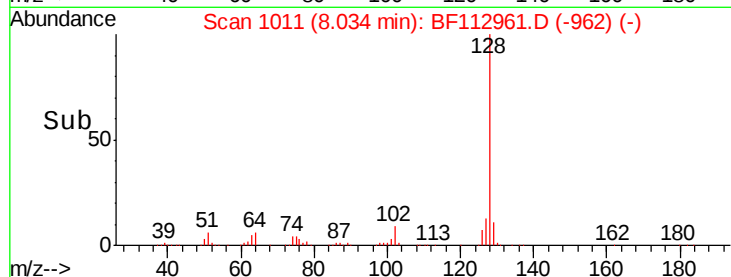
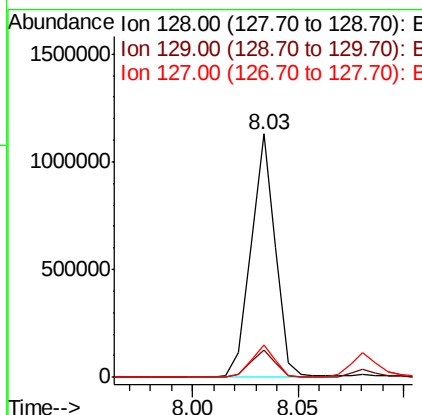
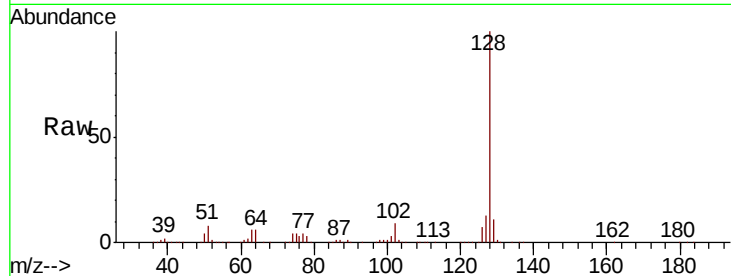
#31
Naphthalene
Concen: 35.296 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.4	10.9	16.3

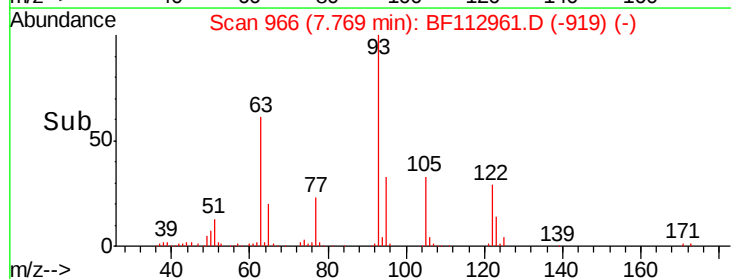
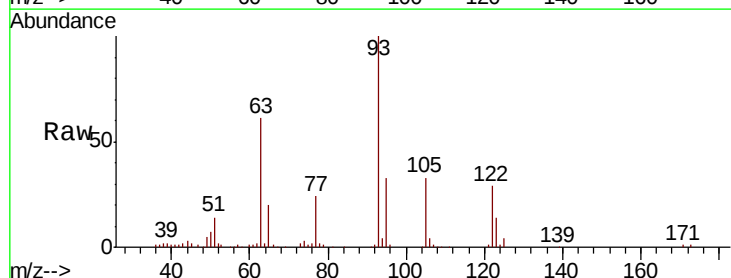
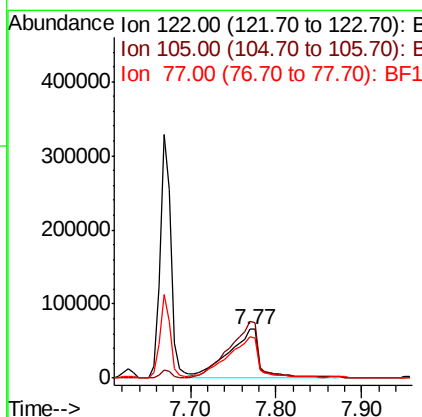
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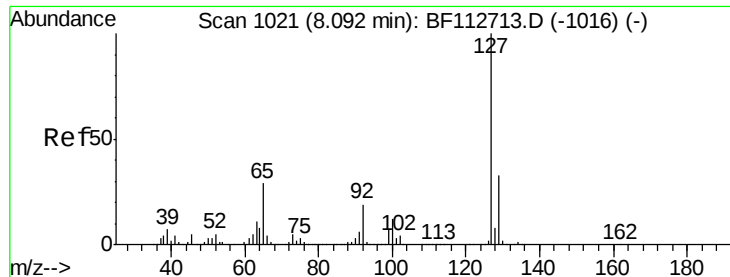
Sohil
3/12/2019 4:28:40 PM



#32
Benzoic acid
Concen: 32.938 ng m
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.9	106.8	146.8
77	85.4	79.4	119.4





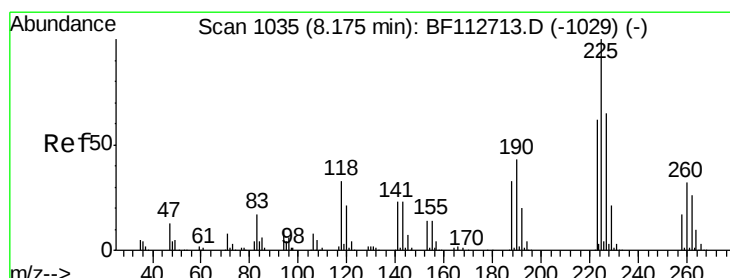
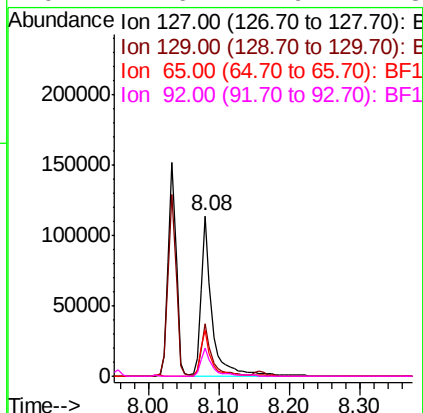
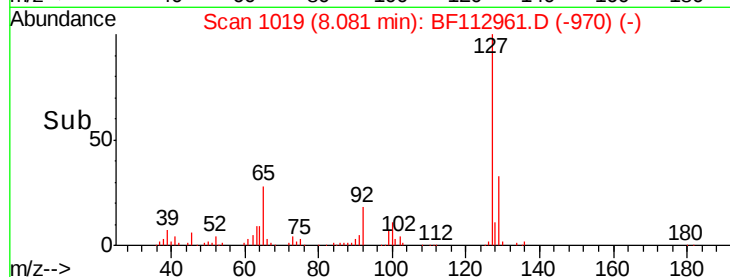
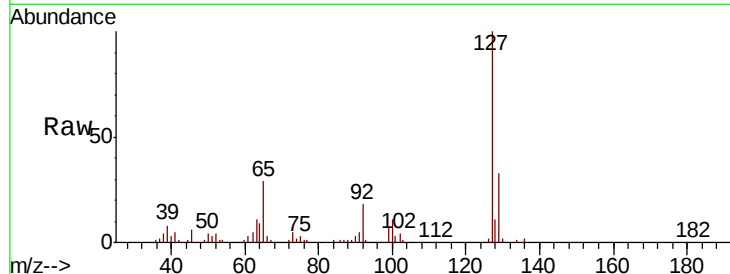
#33
4-Chloroaniline
Concen: 11.749 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.4	39.6		
65	28.9	23.1	34.7		
92	17.6	14.9	22.3		

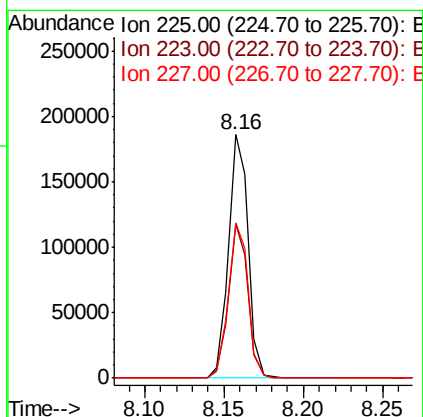
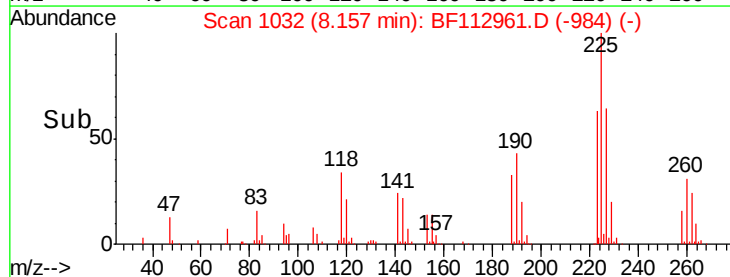
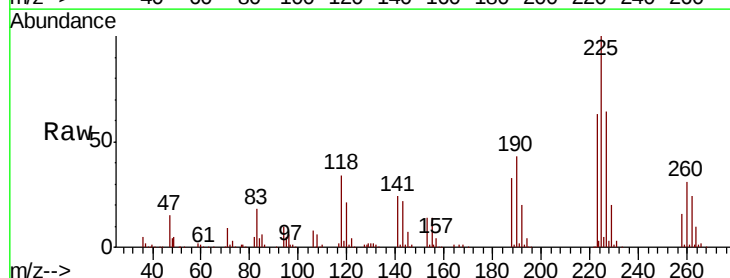
Manual Integrations
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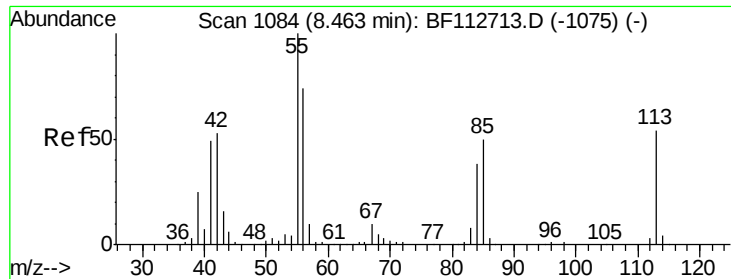
Sohil
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#34
Hexachlorobutadiene
Concen: 36.436 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.7	74.5		
227	63.7	52.1	78.1		





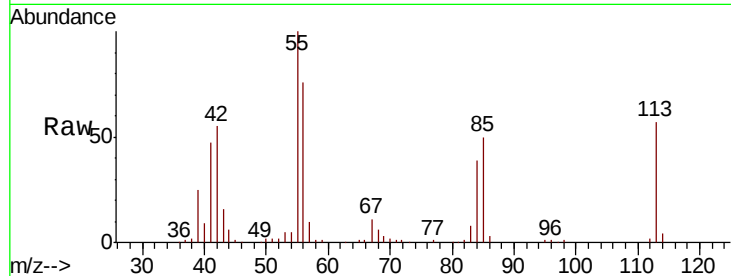
#35
Caprolactam
Concen: 40.788 ng/ml
RT: 8.43 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.0	163.5	203.5
56	132.5	115.3	155.3

Manual Integrations
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Sohil
3/12/2019 4:28:40 PM

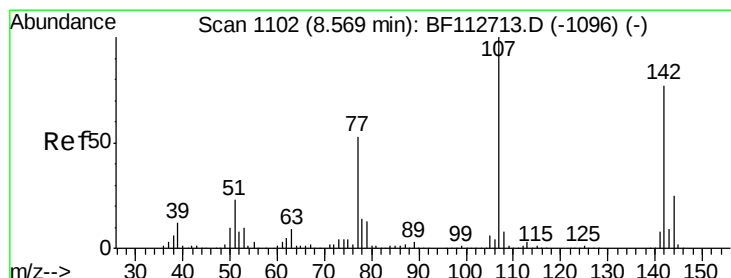
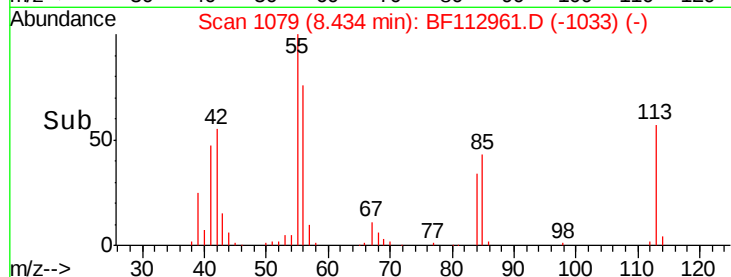
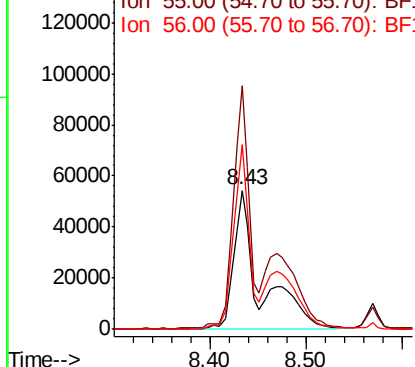


Abundance

Ion 113.00 (112.70 to 113.70): E

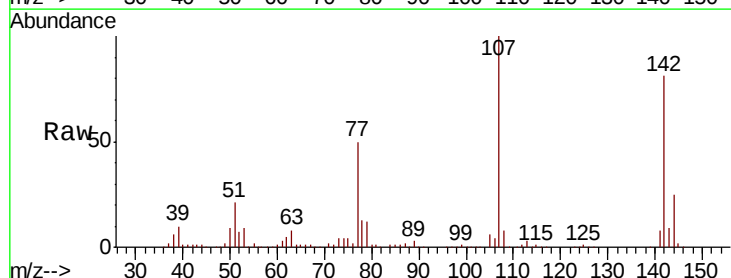
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 38.220 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.1	30.1
142	81.0	61.9	92.9

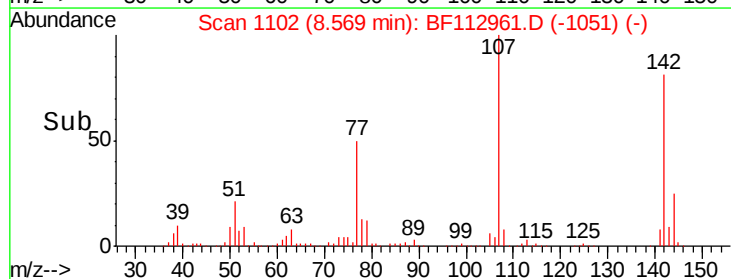
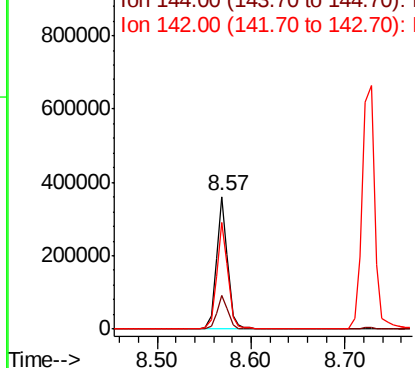


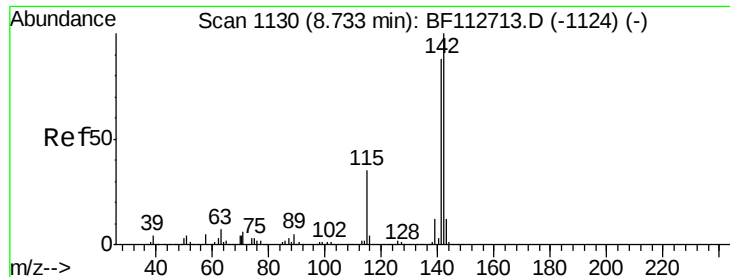
Abundance

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





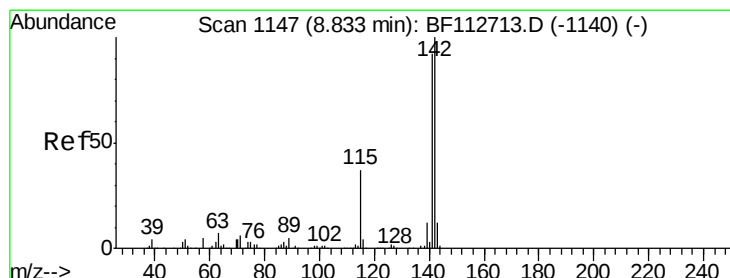
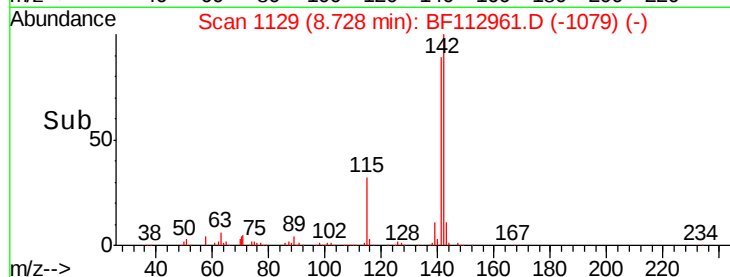
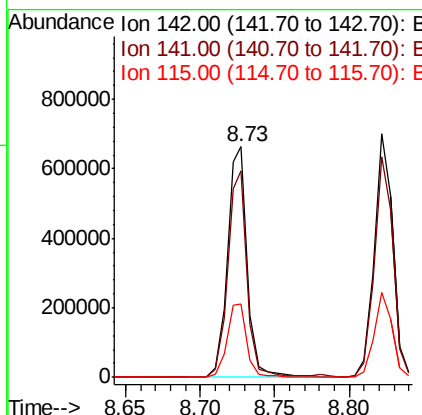
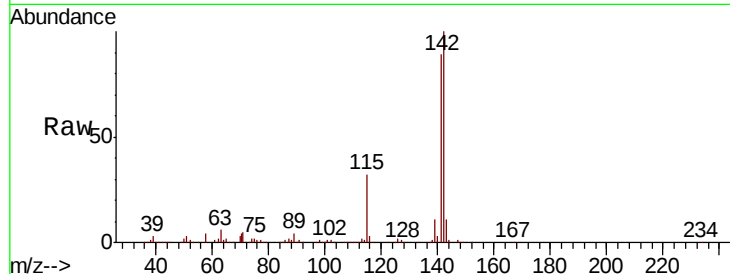
#37
2-Methylnaphthalene
Concen: 37.653 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.3	105.5
115	31.8	27.8	41.6

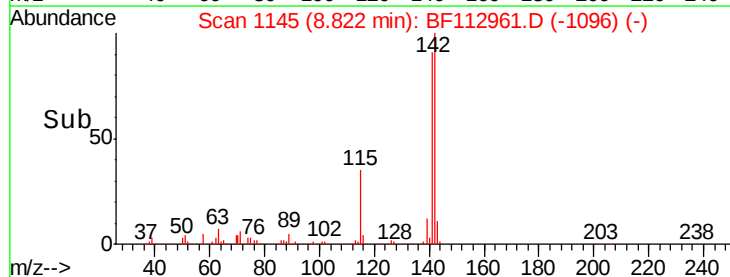
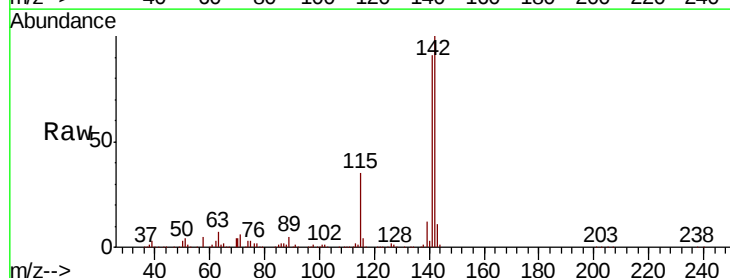
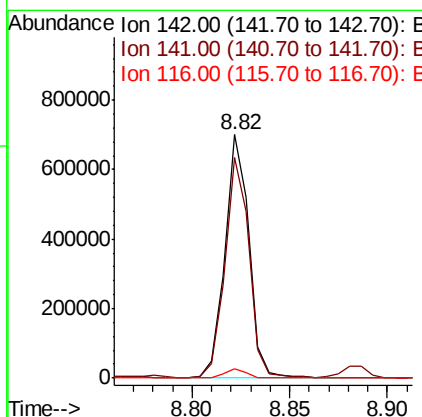
Manual Integrations
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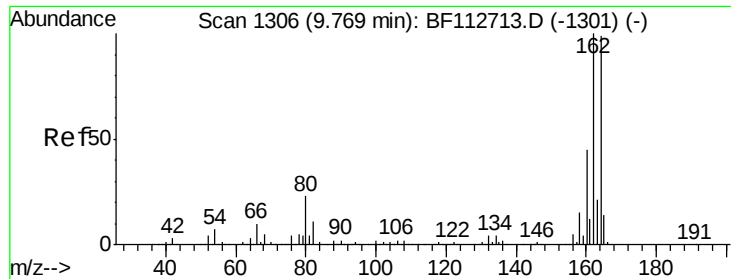
Sohil
3/12/2019 4:28:40 PM



#38
1-Methylnaphthalene
Concen: 36.853 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
116	3.7	3.1	4.7





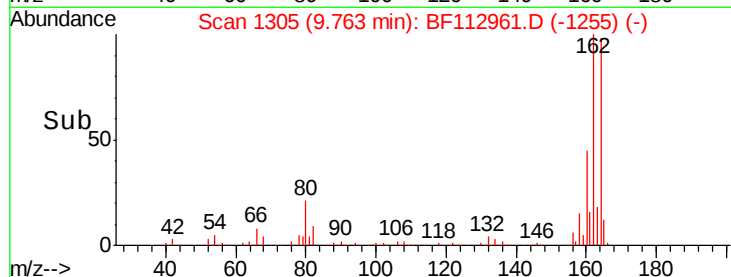
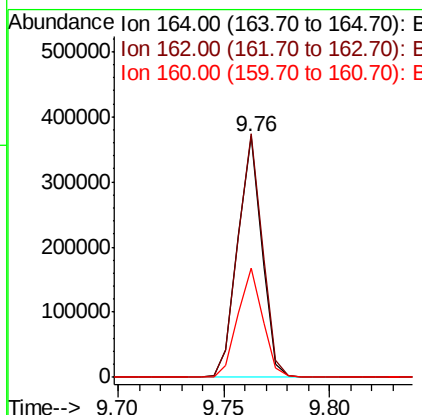
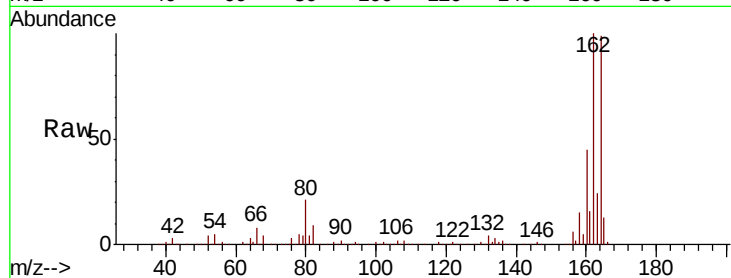
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	291911		
162	101.1	80.6	120.8	
160	45.2	36.0	54.0	

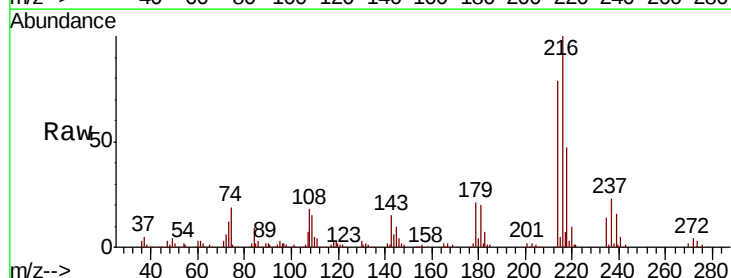
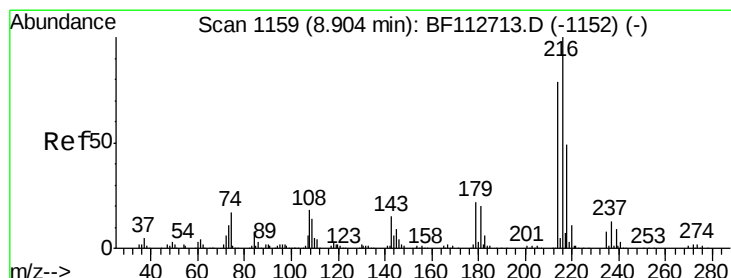
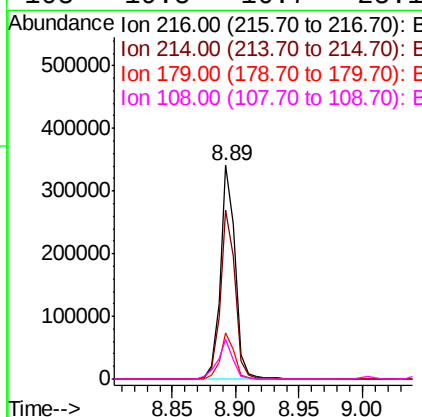
Manual Integrations
 APPROVED

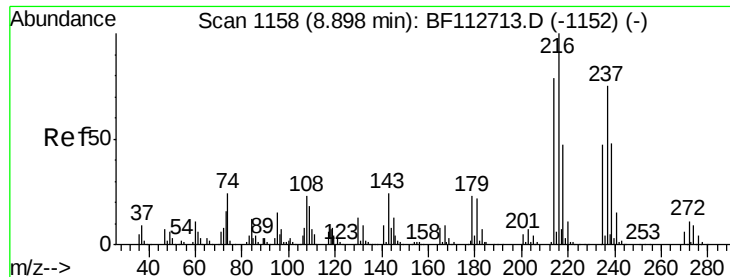
Sohil
 3/12/2019 4:28:40 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.842 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	279561		
214	79.1	63.2	94.8	
179	20.5	17.5	26.3	
108	19.5	16.7	25.1	





#41

Hexachlorocyclopentadiene

Concen: 56.550 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

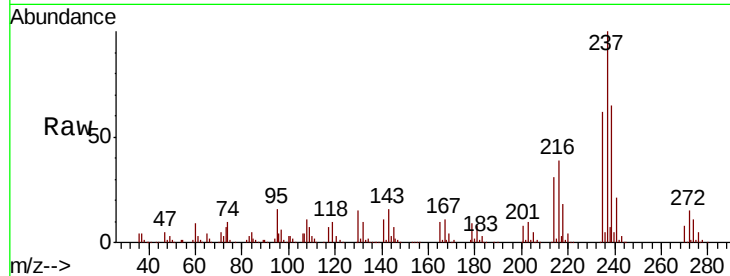
ClientSampleId :

SD2-0.0-0.5MS

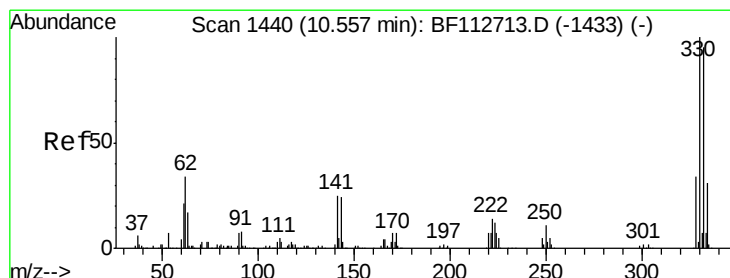
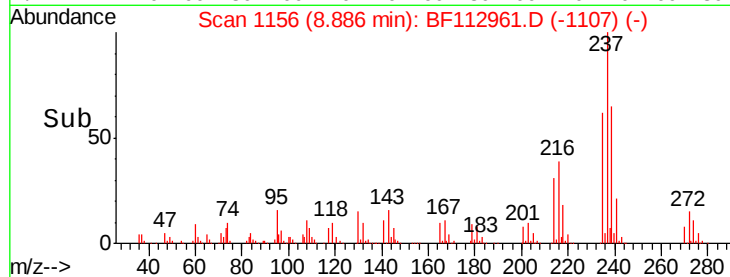
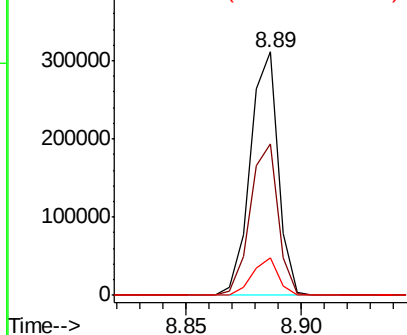
Tot Ion:	237	Resp:	263601
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.2	82.2
272	15.2	0.0	34.0

Manual Integrations
APPROVED

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3/12/2019 4:28:40 PM



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: 139.600 ng

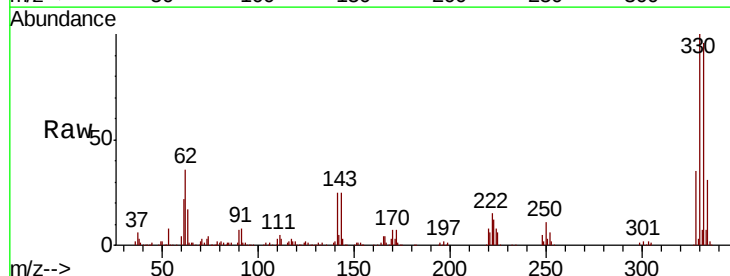
RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

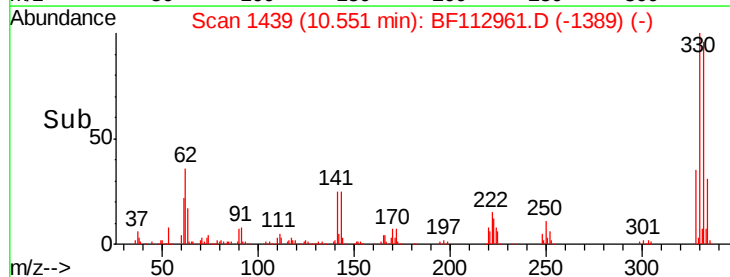
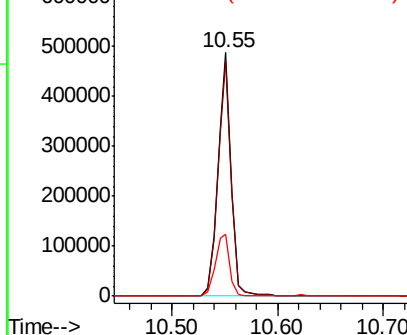
Lab File: BF112961.D

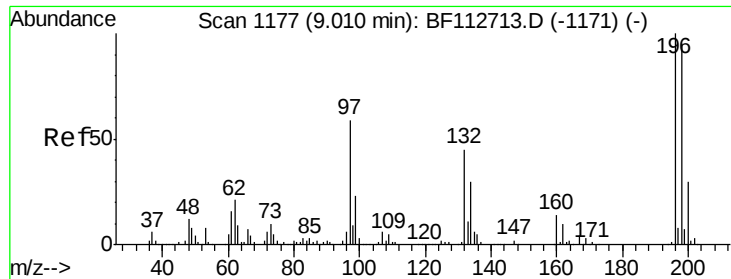
Acq: 11 Mar 2019 18:15

Tgt Ion:	330	Resp:	432619
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.2	114.4
141	27.9	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





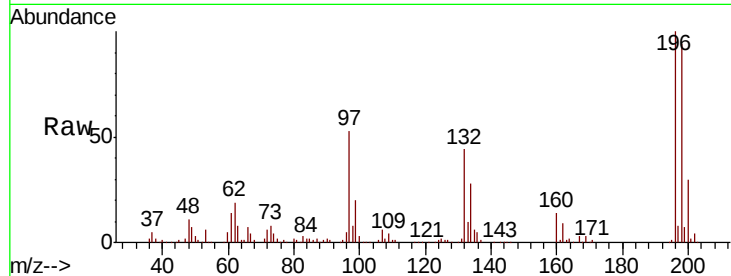
#43
 2,4,6-Trichlorophenol
 Concen: 37.628 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	220444		
198	94.4	75.8	113.8	
200	30.1	24.3	36.5	

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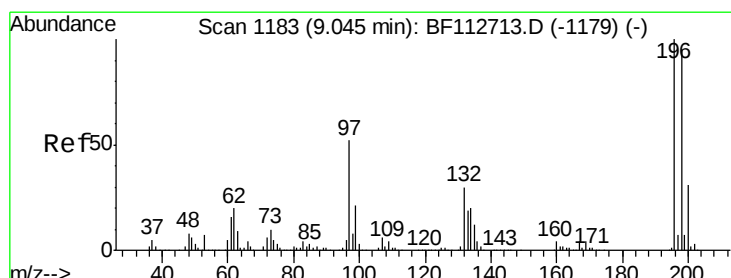
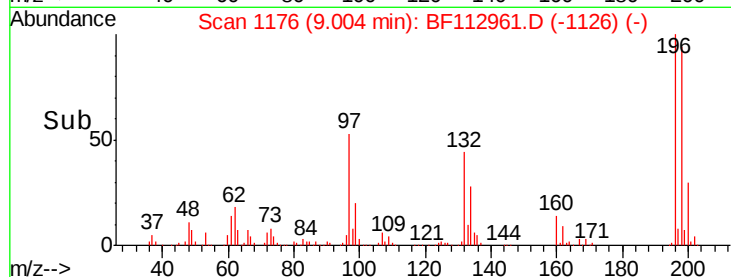
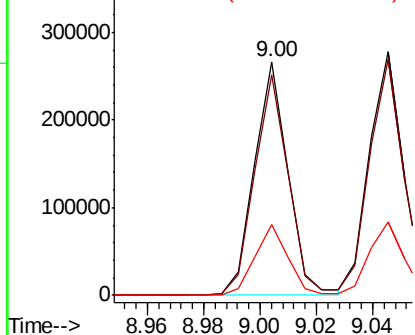


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.158 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241629		
198	96.8	76.2	114.2	
97	46.7	41.5	62.3	
132	28.4	23.9	35.9	

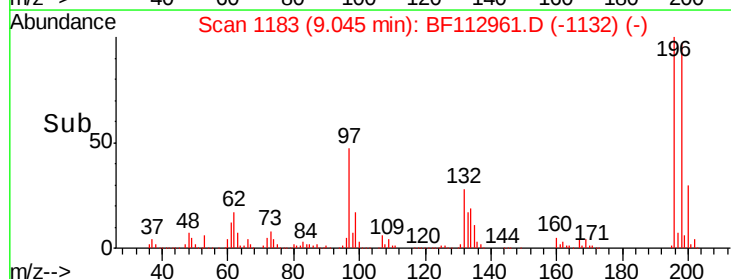
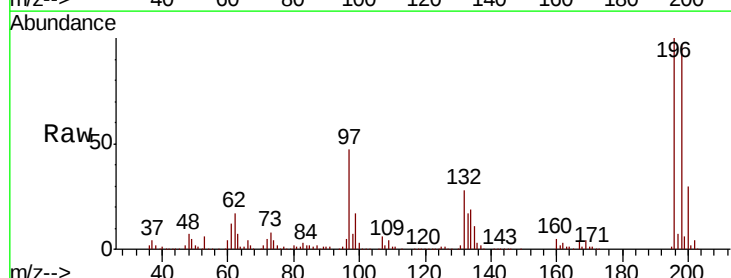
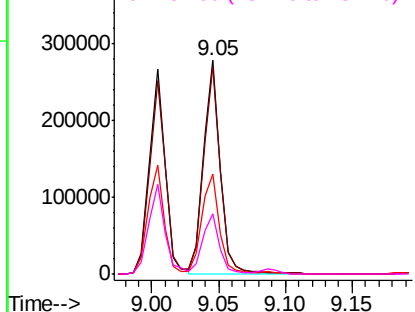
Abundance

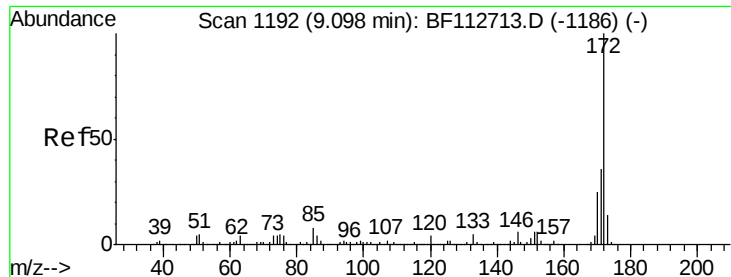
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





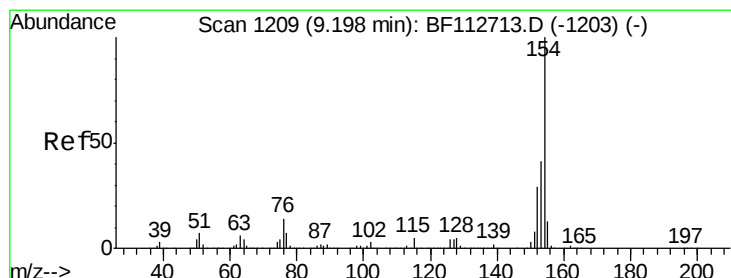
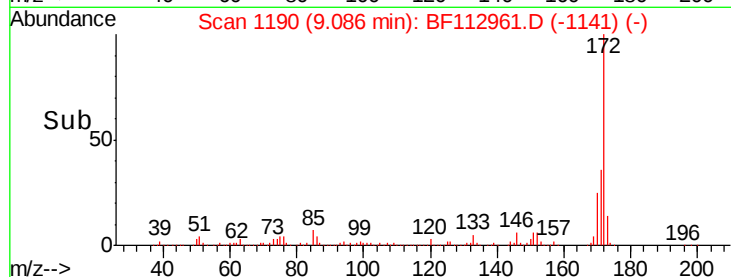
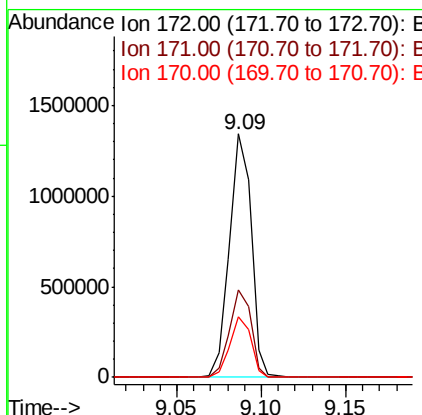
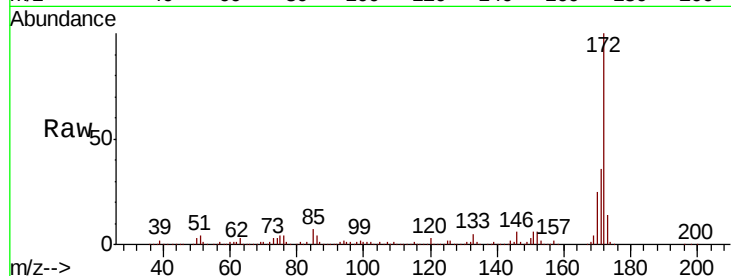
#45
2-Fluorobiphenyl
Concen: 64.503 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.7	20.0	30.0

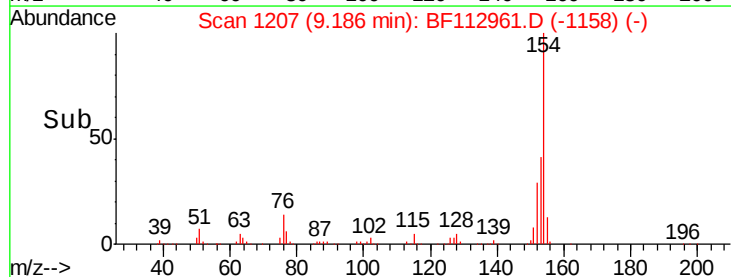
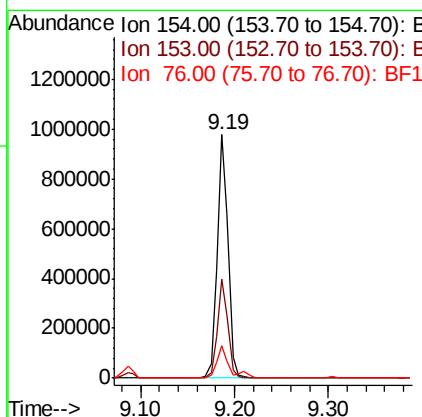
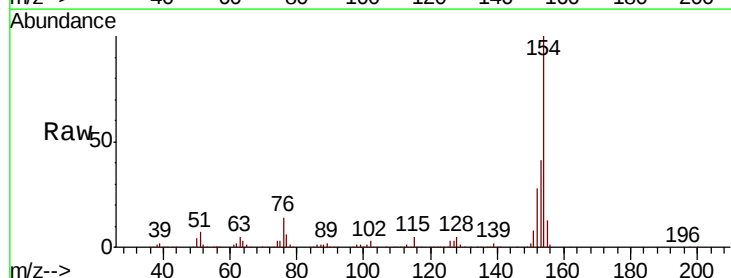
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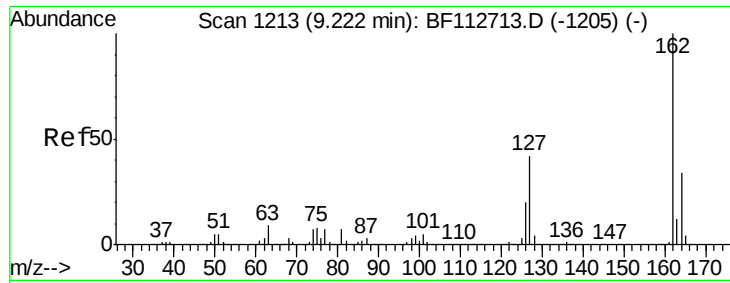
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#46
1,1'-Biphenyl
Concen: 33.287 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	13.5	0.0	33.8





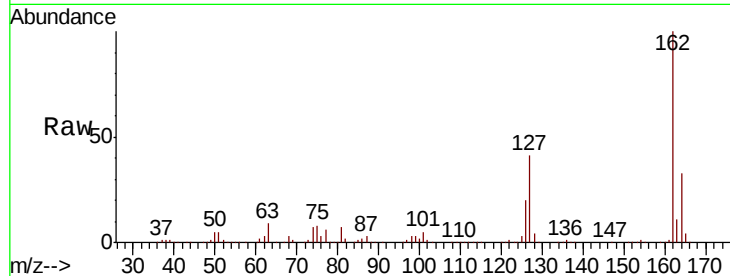
#47
2-Chloronaphthalene
Concen: 32.897 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

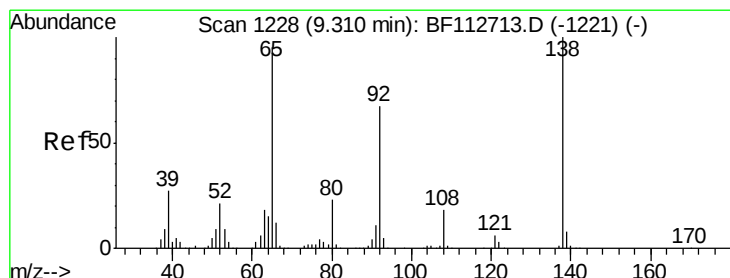
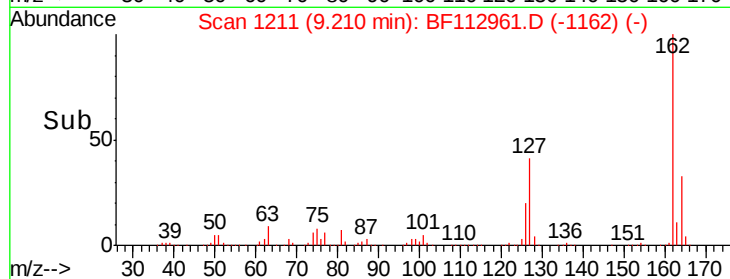
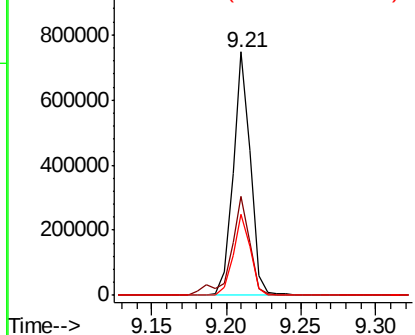
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	40.8	33.4	50.2		
164	33.3	26.9	40.3		

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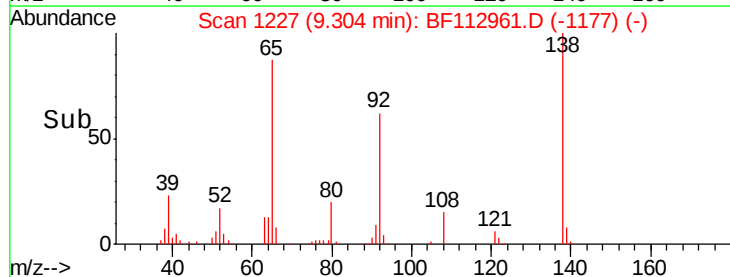
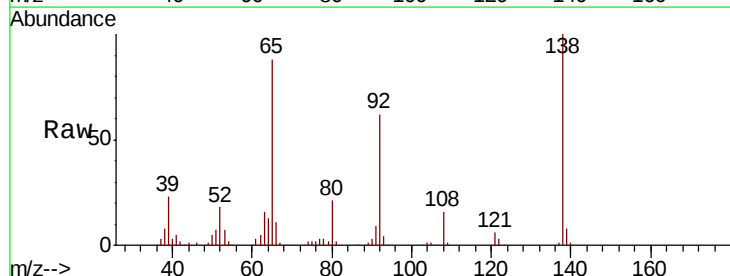
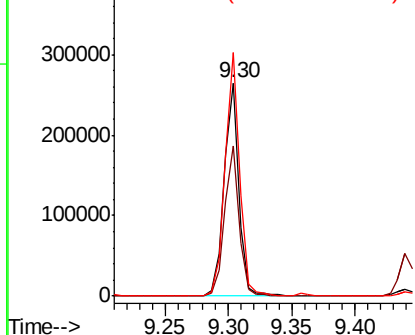
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

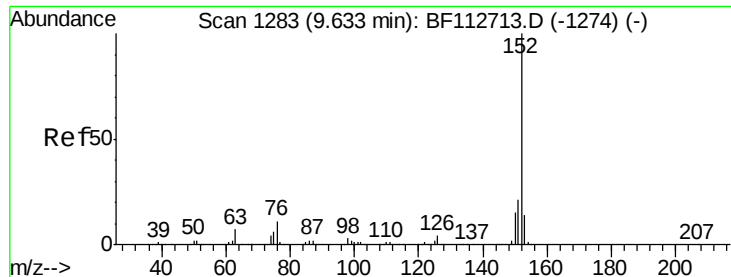


#48
2-Nitroaniline
Concen: 38.049 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.6	56.4	84.6		
138	114.1	84.6	126.8		

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





#49

Acenaphthylene

Concen: 33.593 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

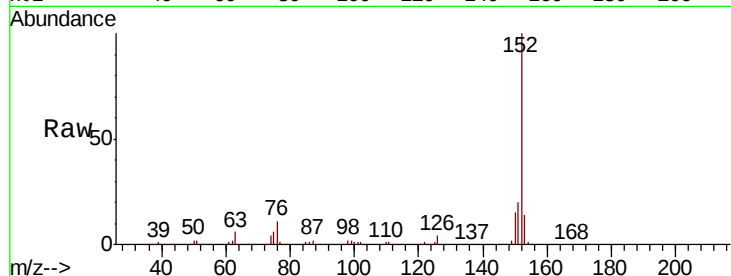
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:	152	Resp:	1060283
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	13.7	11.0	16.6

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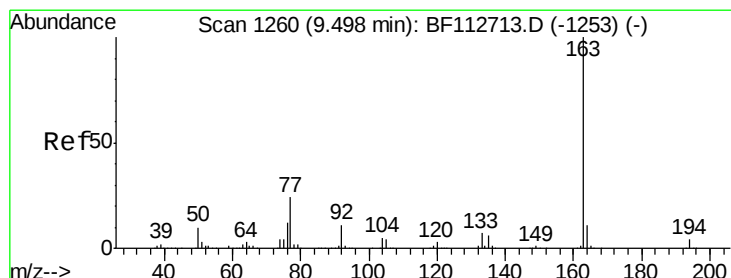
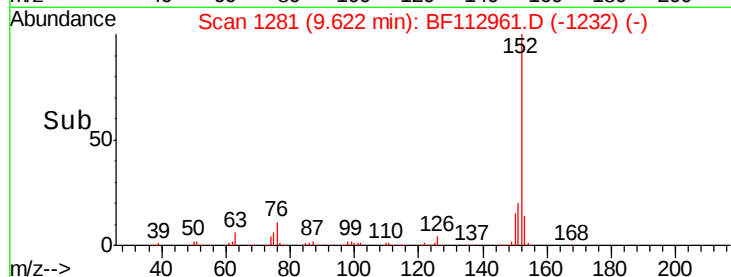
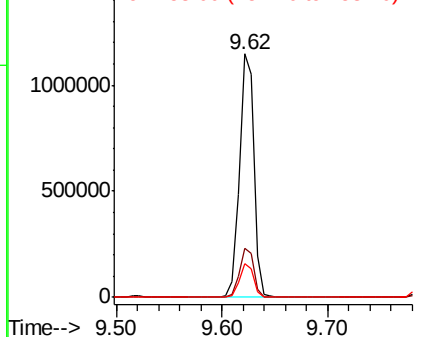


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.485 ng

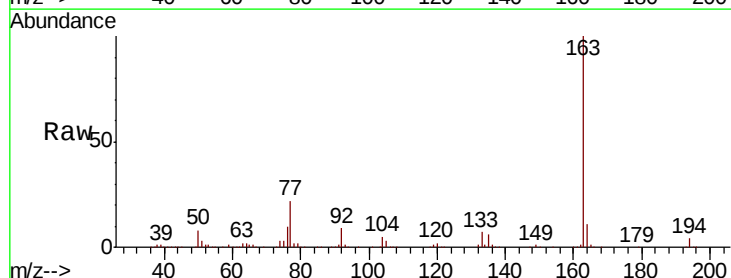
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:	163	Resp:	849875
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.8	8.4	12.6

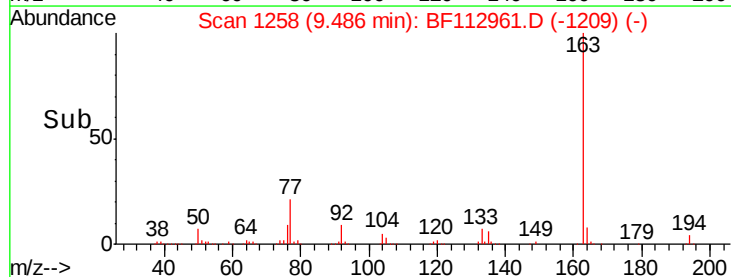
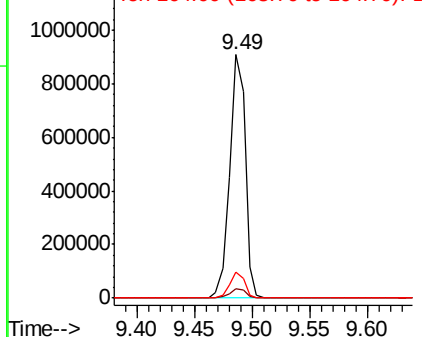


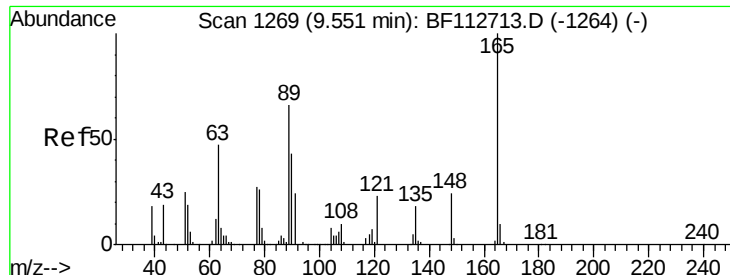
Abundance

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





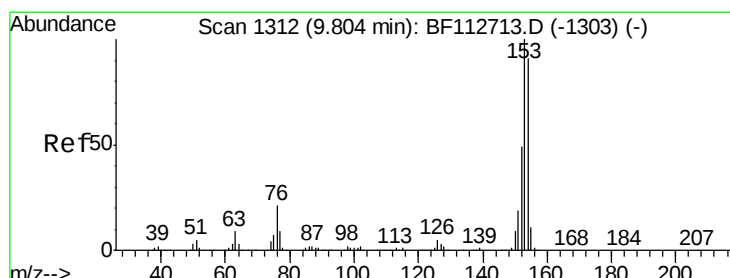
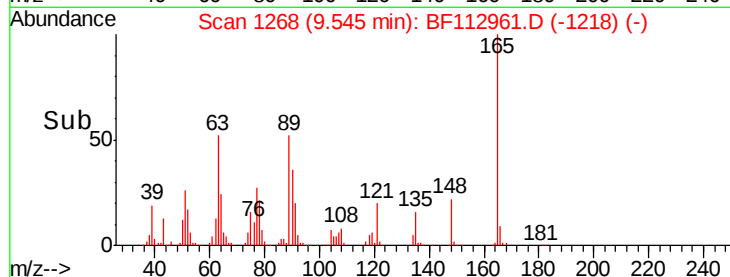
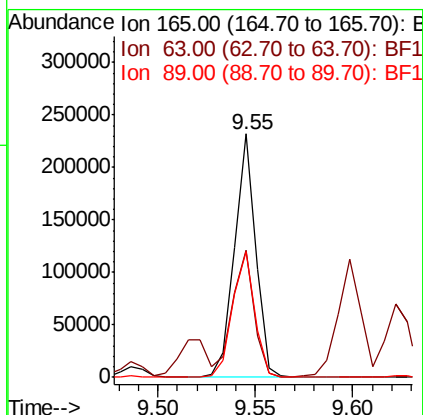
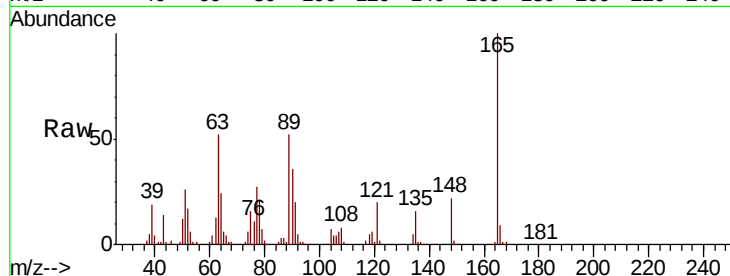
#51
2,6-Dinitrotoluene
Concen: 39.203 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	175715		
63	52.3	54.1	81.1#	
89	51.6	52.8	79.2#	

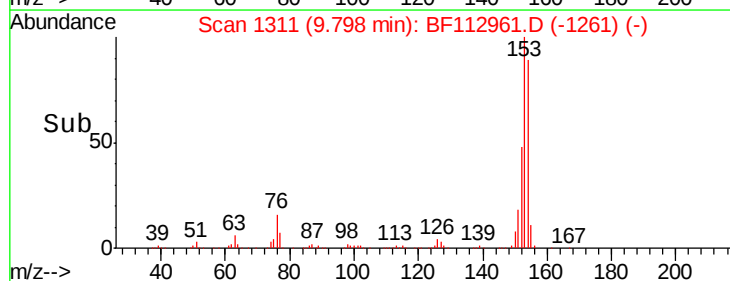
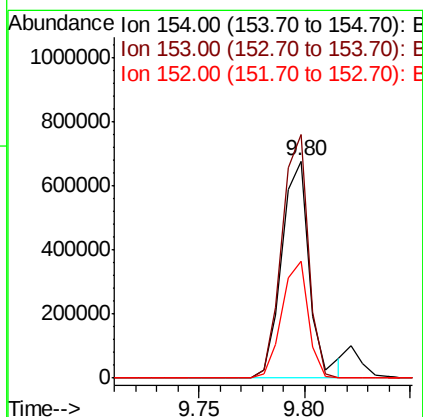
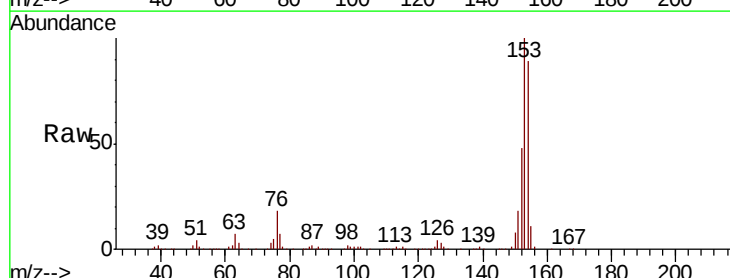
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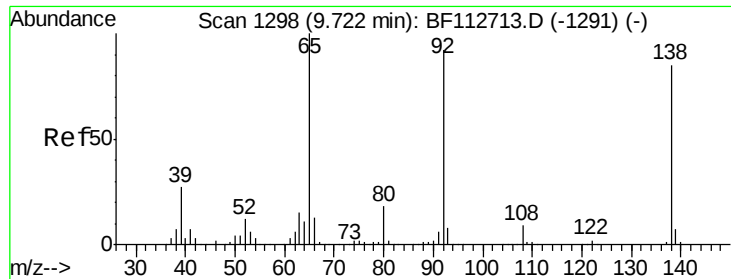
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#52
Acenaphthene
Concen: 33.937 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	626384		
153	112.3	87.8	131.8	
152	53.9	43.0	64.6	





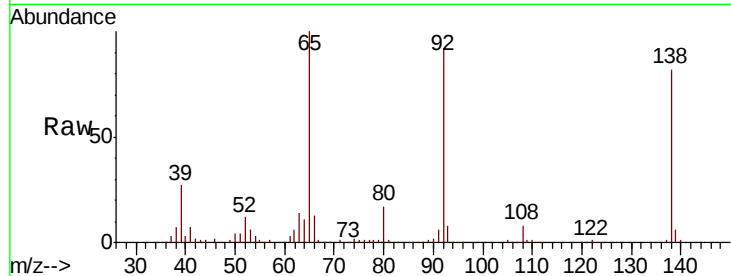
#53
3-Nitroaniline
Concen: 26.094 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	13.0
92	112.5	86.6	129.8

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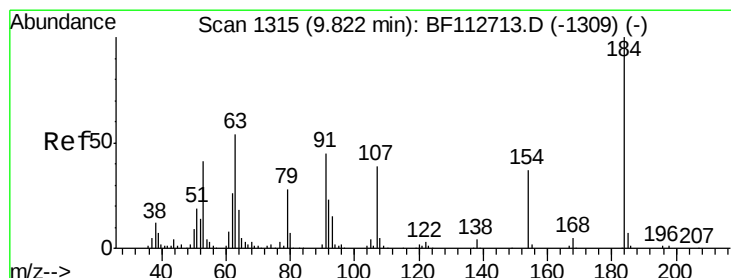
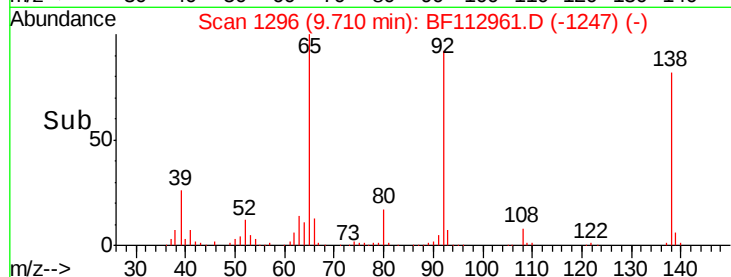
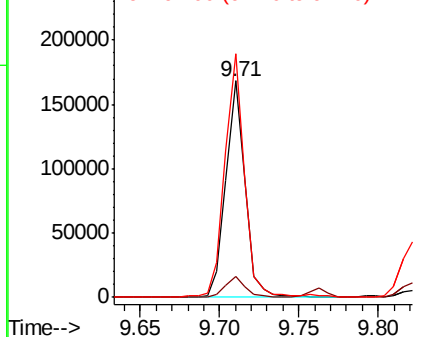


Abundance

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: 82.902 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

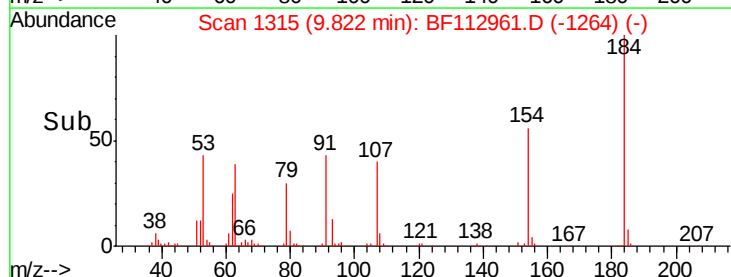
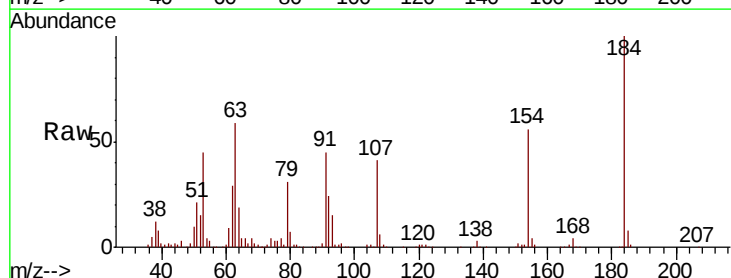
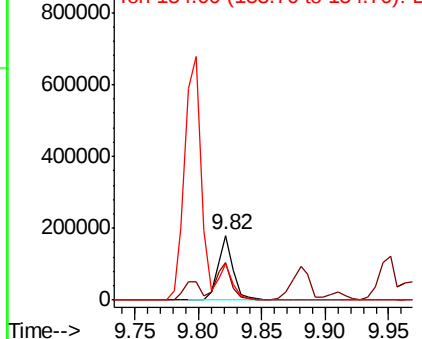
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	45.3	67.9
154	56.1	46.0	69.0

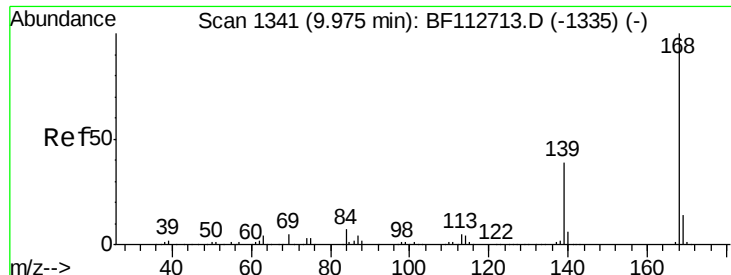
Abundance

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





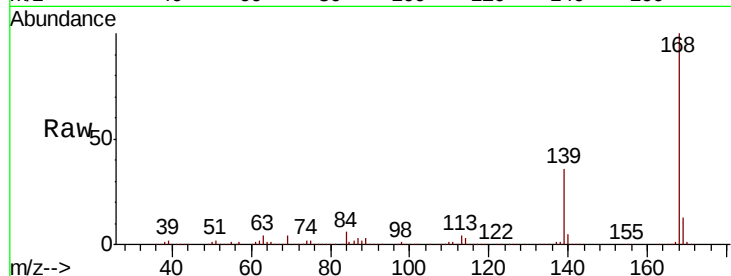
#55
Dibenzenofuran
Concen: 35.772 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampled :
SD2-0.0-0.5MS

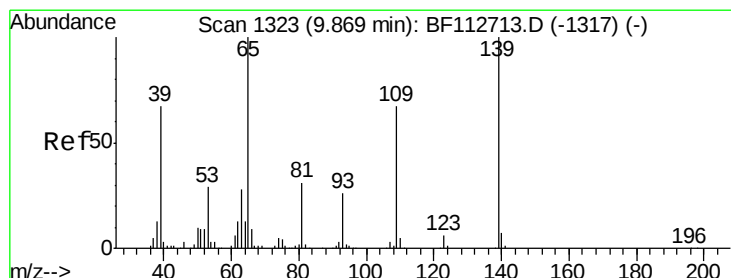
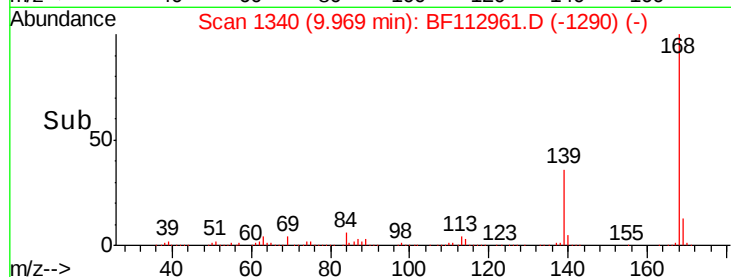
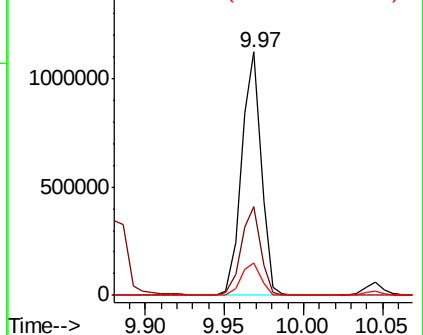
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.3	46.9
169	13.3	11.3	16.9

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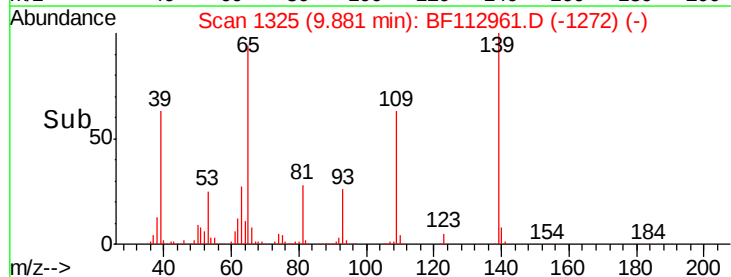
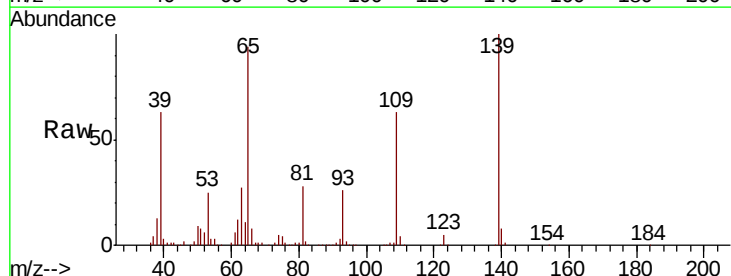
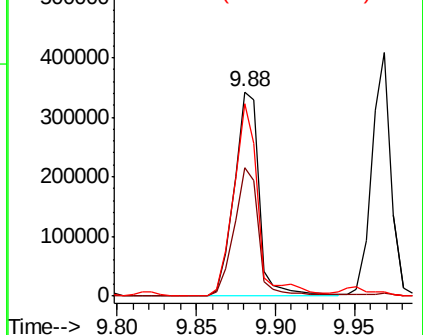
Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

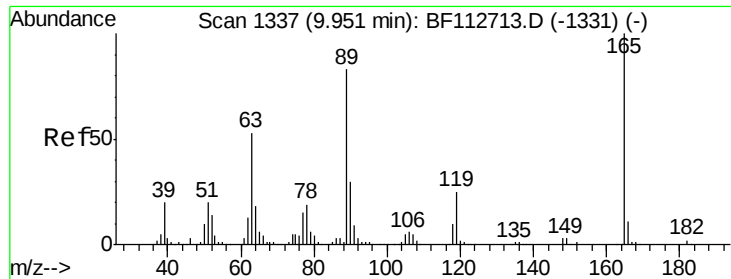


#56
4-Nitrophenol
Concen: 84.142 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	46.8	86.8
65	94.2	80.7	120.7

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





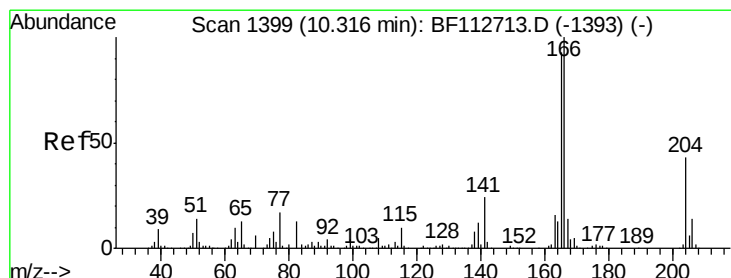
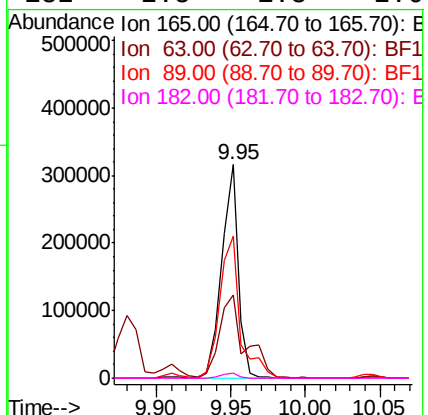
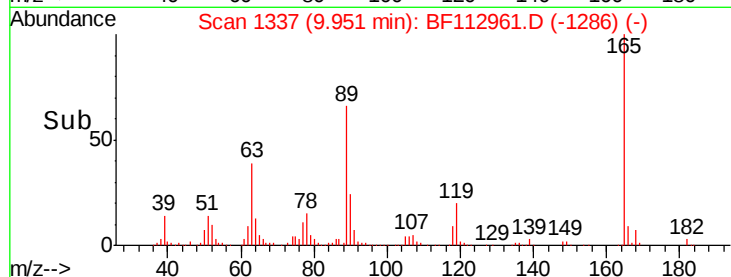
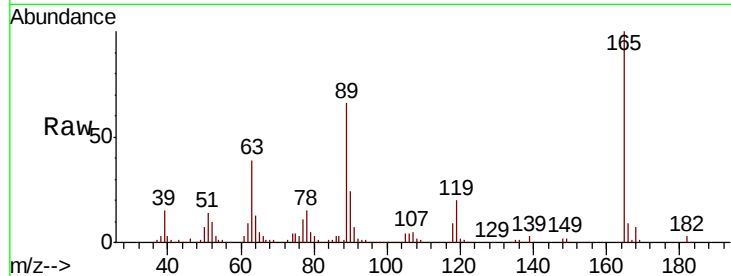
#57
2,4-Dinitrotoluene
Concen: 44.731 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249217		
63	38.8	42.2	63.2#	
89	66.4	66.2	99.4	
182	2.5	1.8	2.6	

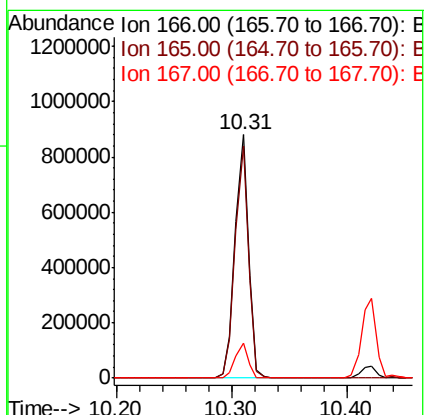
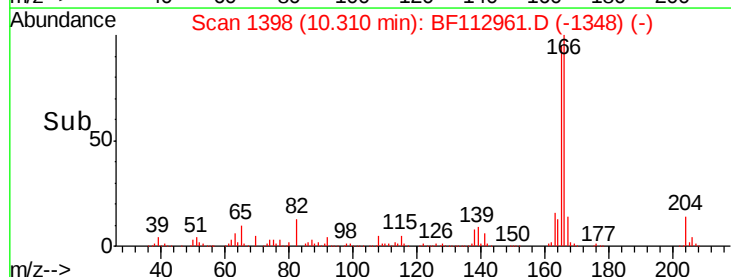
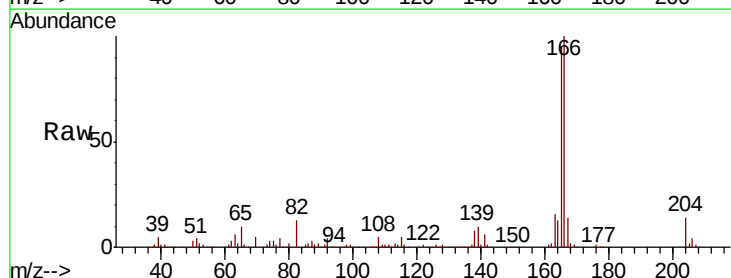
Manual Integrations
APPROVED

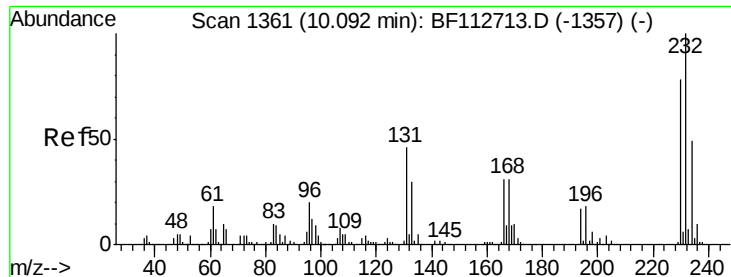
Sohil
3/12/2019 4:28:40 PM



#58
Fluorene
Concen: 37.630 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	716452		
165	95.1	74.7	112.1	
167	14.1	11.0	16.6	





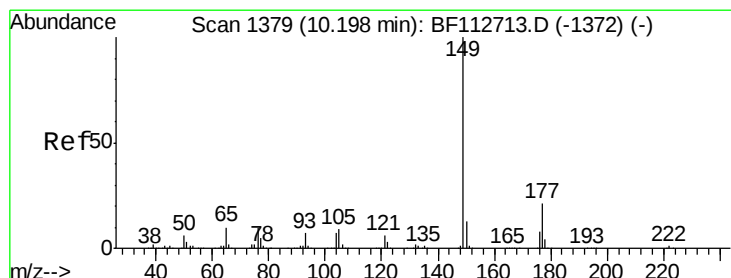
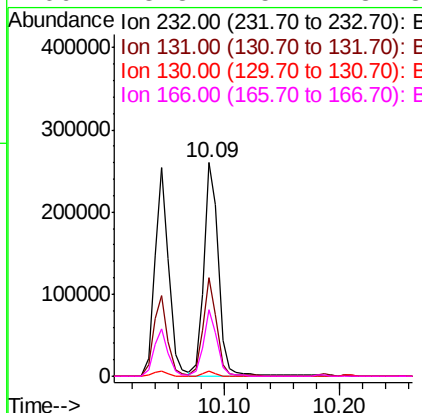
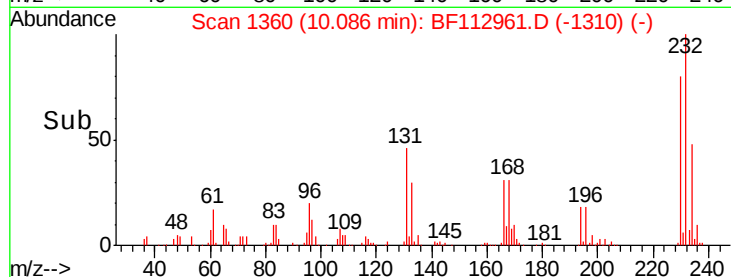
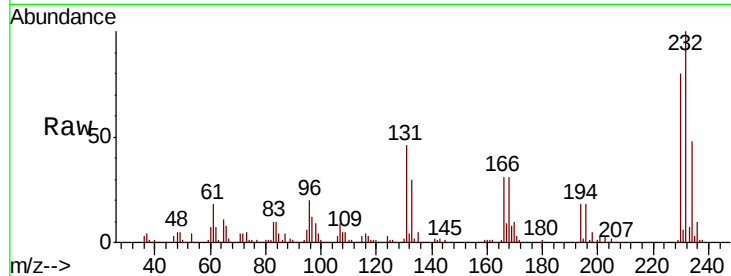
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.896 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion:	232	Resp:	231585
Ion Ratio	Lower	Upper	
232	100		
131	42.9	38.7	58.1
130	2.1	1.9	2.9
166	28.8	25.2	37.8

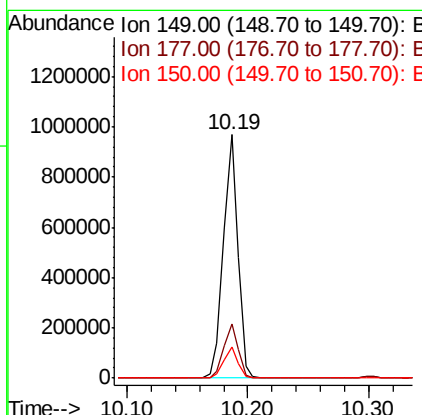
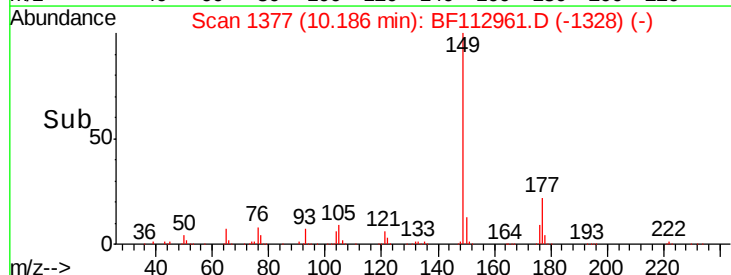
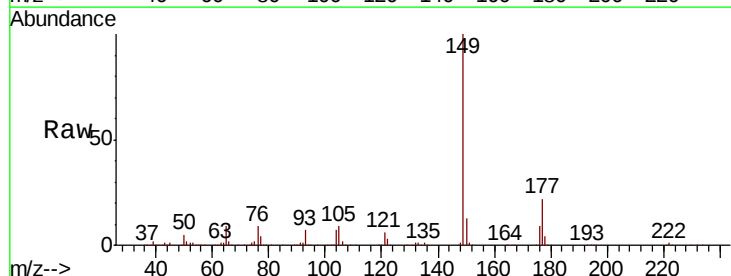
Manual Integrations
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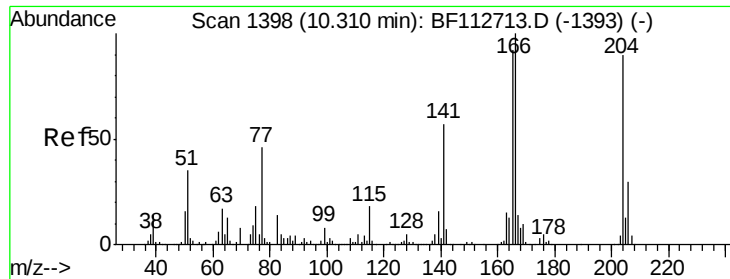
Sohil
3/12/2019 4:28:40 PM



#60
Diethylphthalate
Concen: 35.257 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:	149	Resp:	801496
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.0	25.6
150	12.6	10.0	15.0





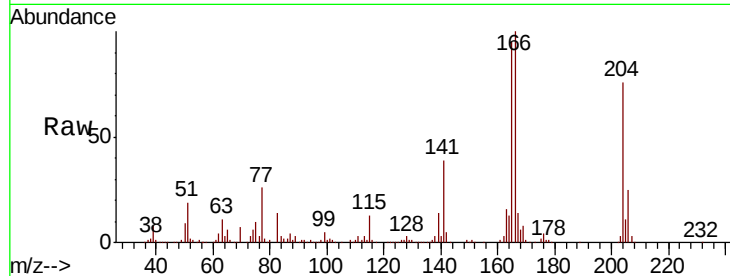
#61
4-Chlorophenyl-phenylether
Concen: 40.321 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	357182		
206	32.6	26.6	40.0	
141	51.7	50.8	76.2	

Manual Integrations
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3/12/2019 4:28:40 PM

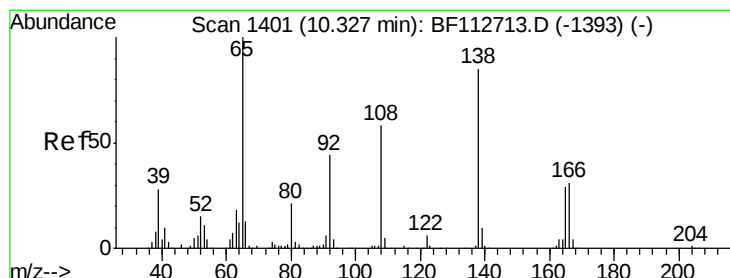
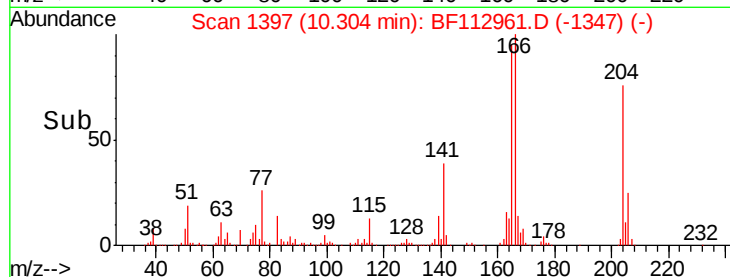
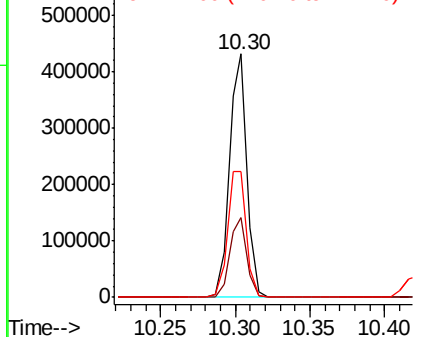


Abundance

Ion 204.00 (203.70 to 204.70): E

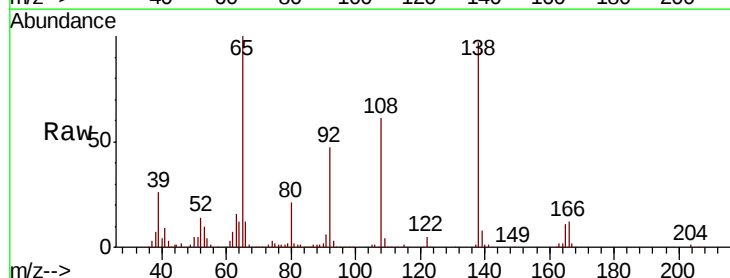
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.624 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	215116		
92	48.0	31.3	71.3	
108	62.9	48.1	88.1	

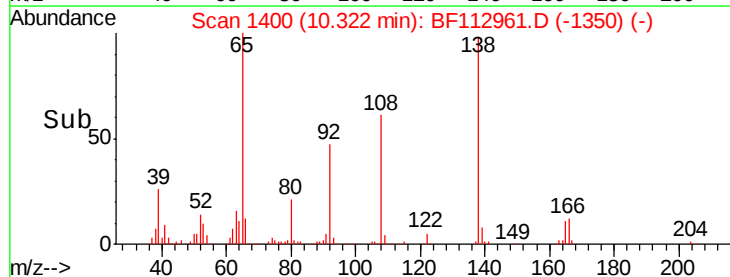
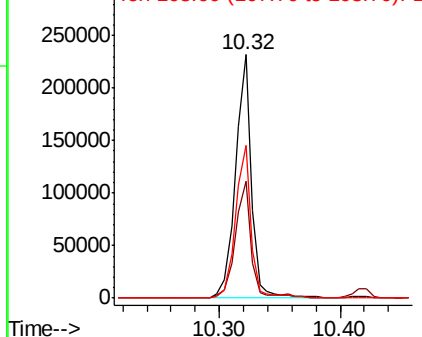


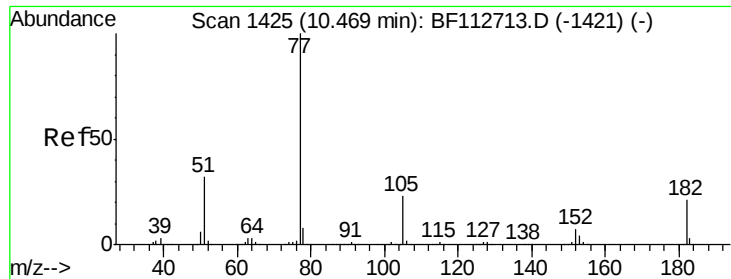
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





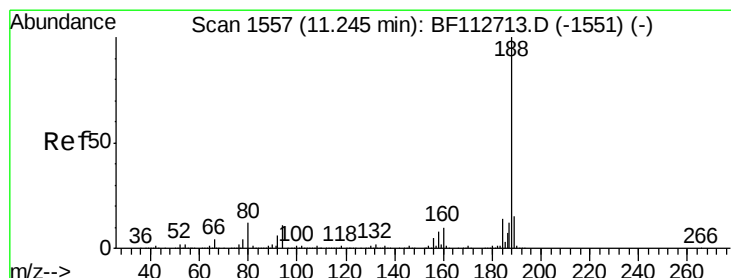
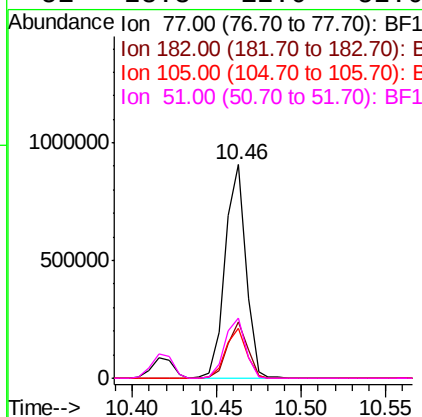
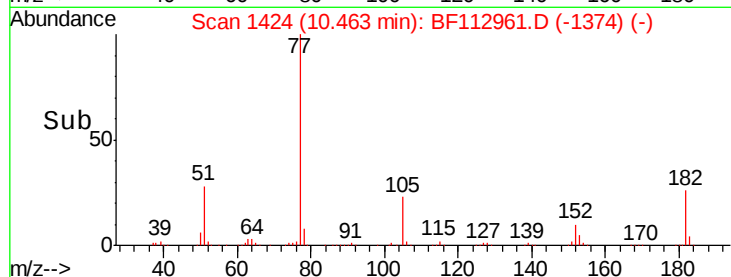
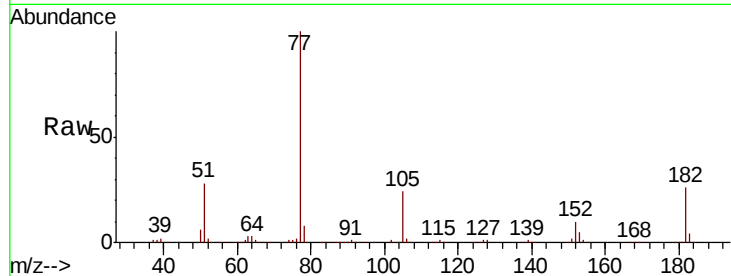
#63
Azobenzene
Concen: 33.135 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.3	1.4	41.4	
105	23.7	2.6	42.6	
51	28.3	12.0	52.0	

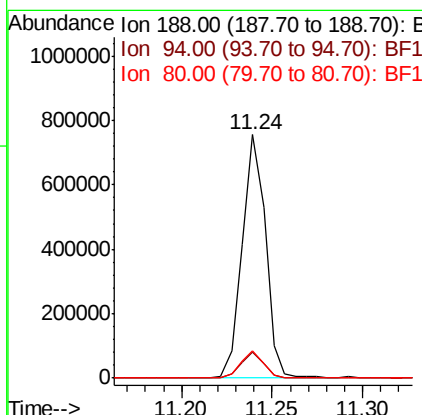
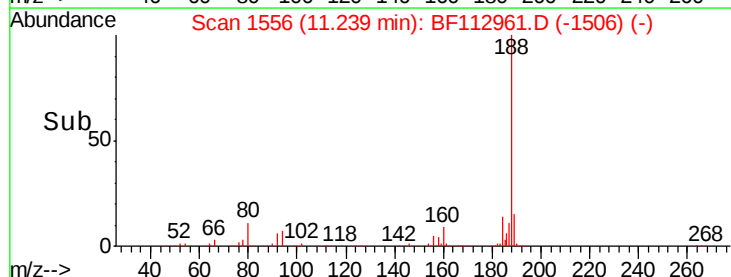
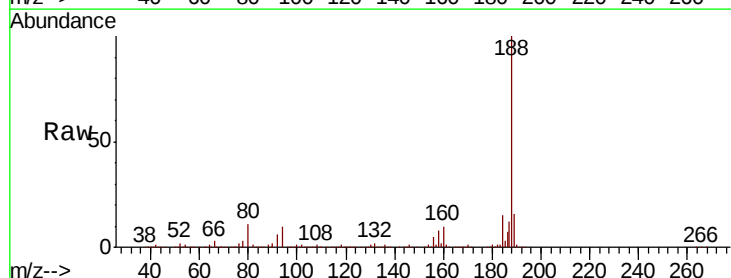
Manual Integrations
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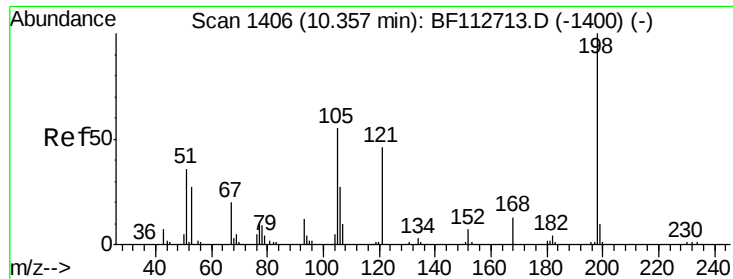
Sohil
3/12/2019 4:28:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	9.0	13.4	
80	11.0	9.2	13.8	





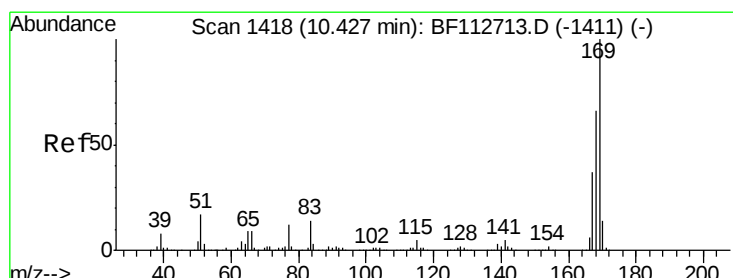
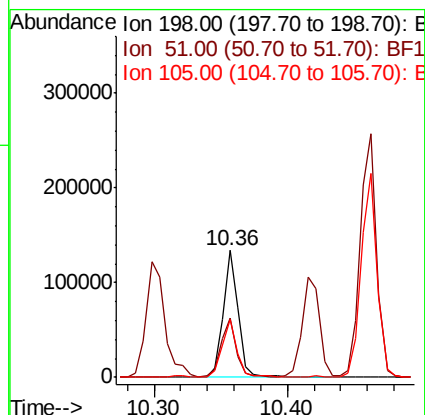
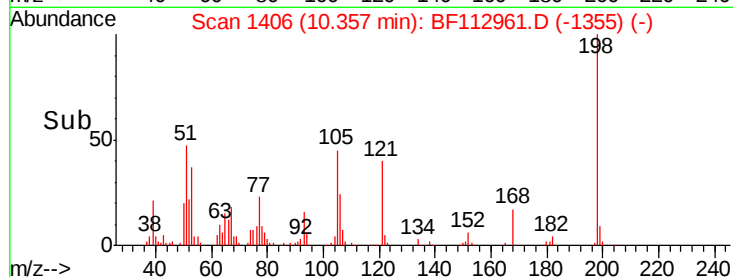
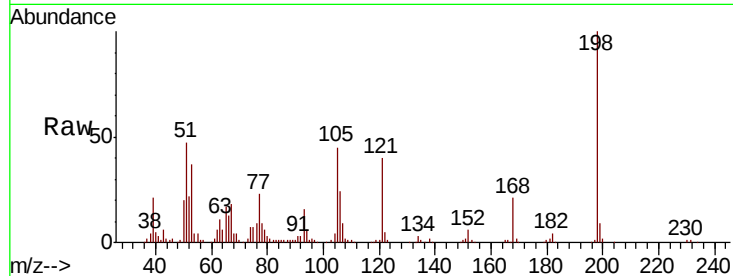
#65
4,6-Dinitro-2-methylphenol
Concen: 39.180 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	106998		
51	46.9		43.8	83.8
105	45.4		36.5	76.5

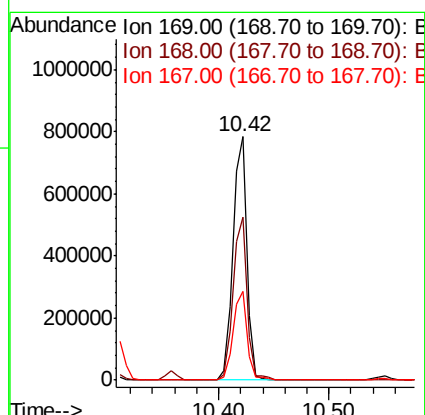
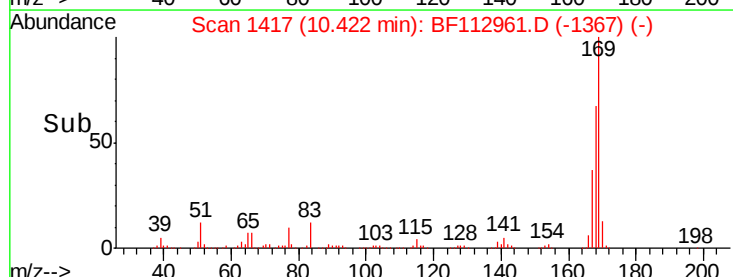
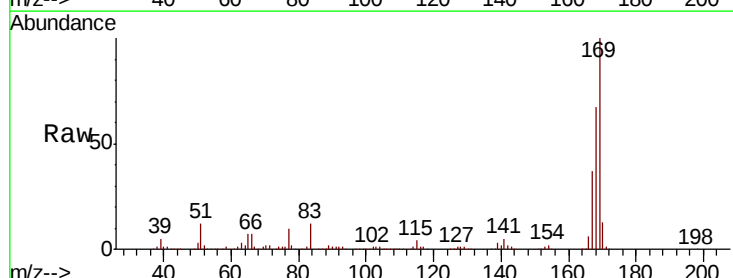
Manual Integrations
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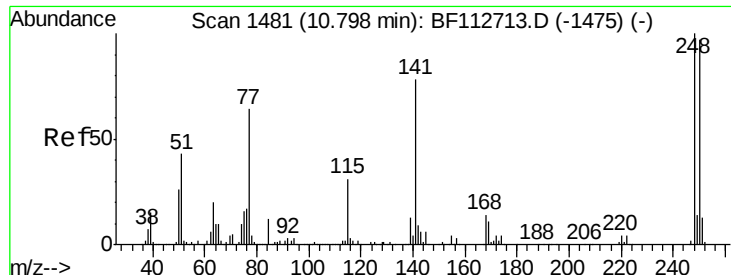
Sohil
3/12/2019 4:28:40 PM



#66
n-Nitrosodiphenylamine
Concen: 31.805 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	694573		
168	67.0		53.0	79.6
167	36.7		29.3	43.9





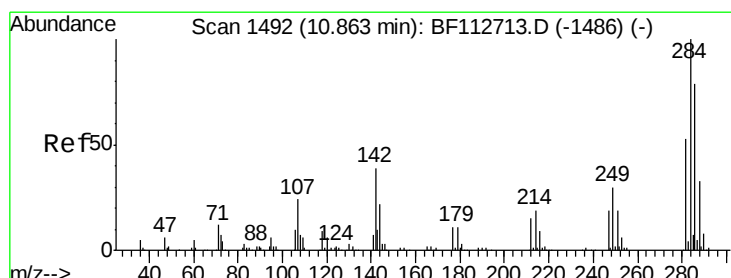
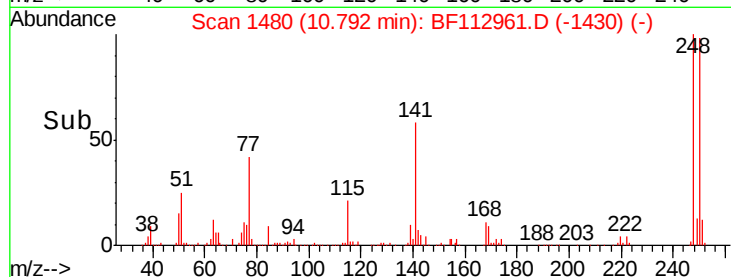
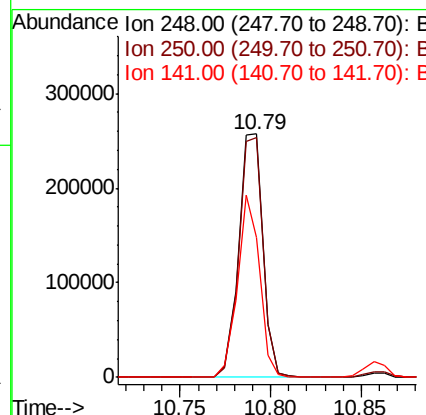
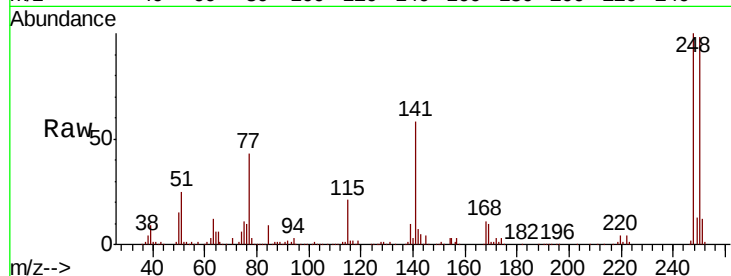
#67
4-Bromophenyl-phenylether
Concen: 33.512 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.5	116.3
141	57.6	62.4	93.6

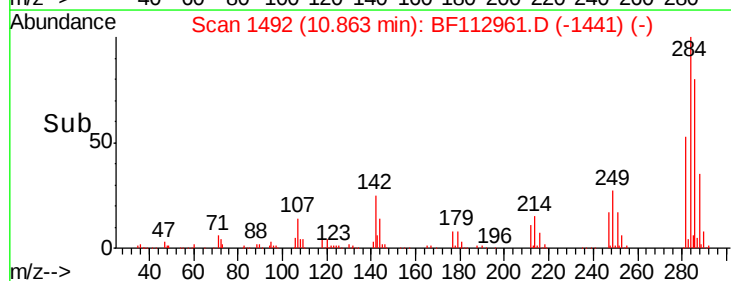
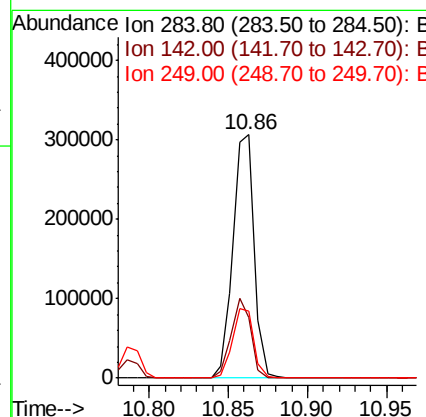
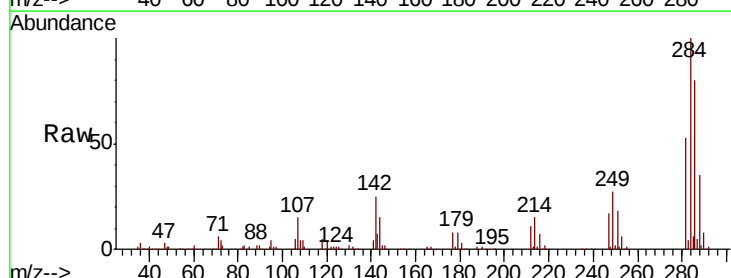
Manual Integrations
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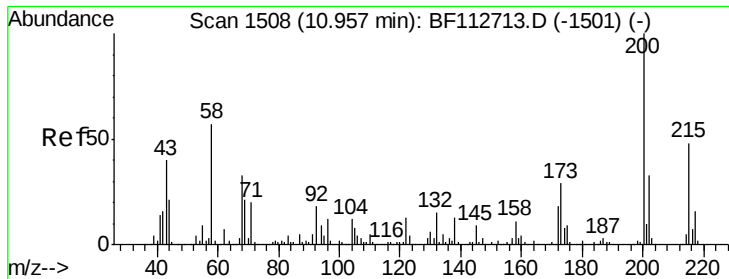
Sohil
3/12/2019 4:28:40 PM



#68
Hexachlorobenzene
Concen: 35.318 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	31.0	46.6
249	27.4	23.6	35.4





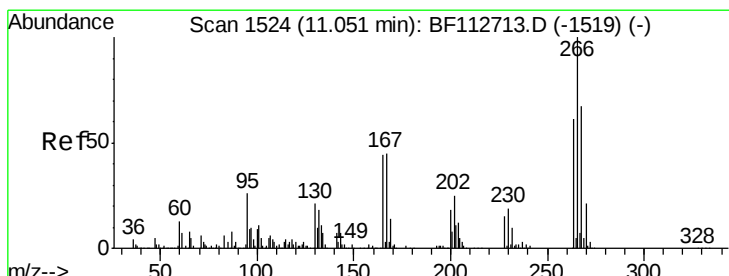
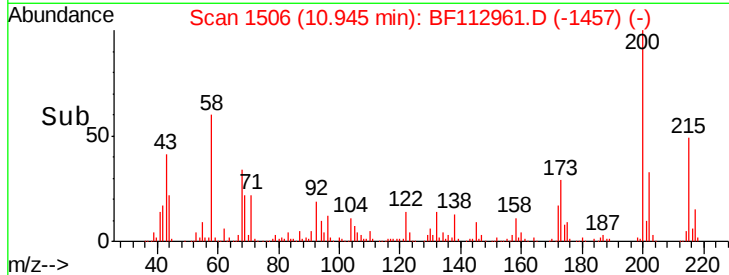
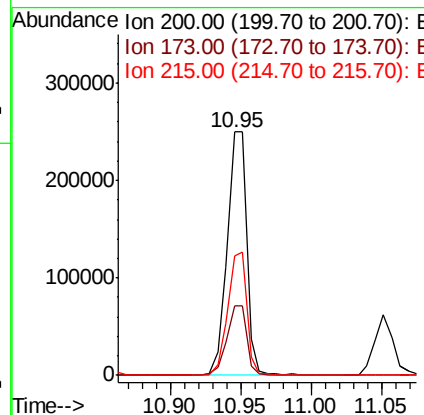
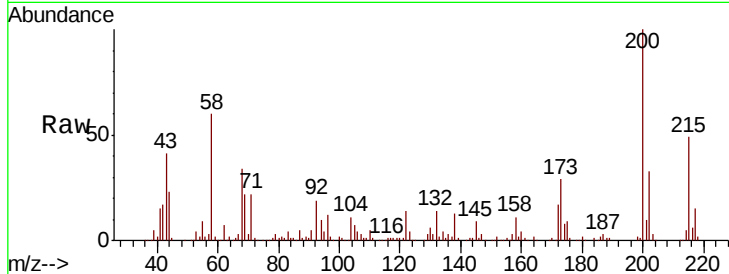
#69
Atrazine
Concen: 36.192 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.6	9.1	49.1
215	49.0	28.2	68.2

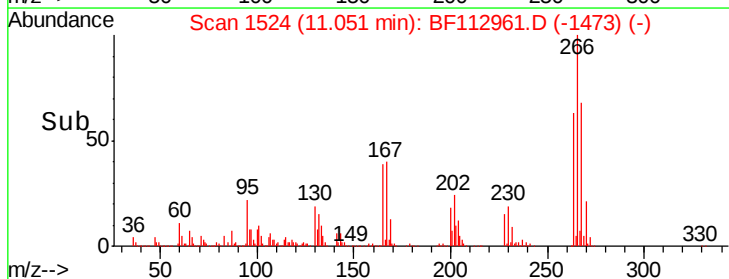
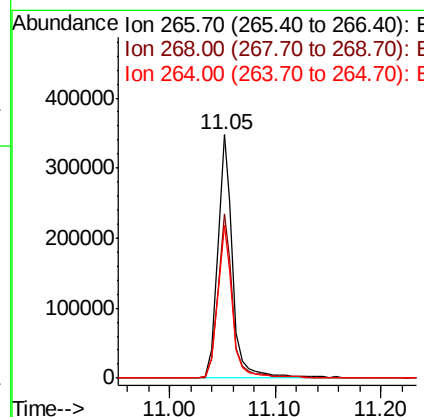
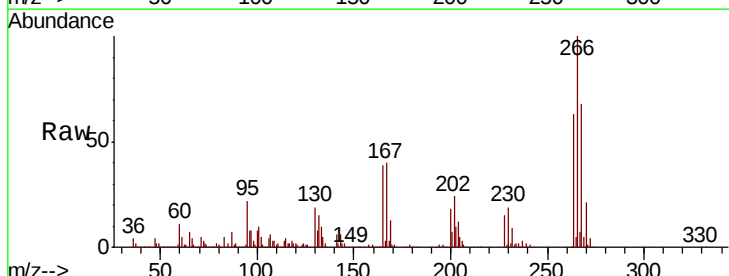
Manual Integrations
APPROVED

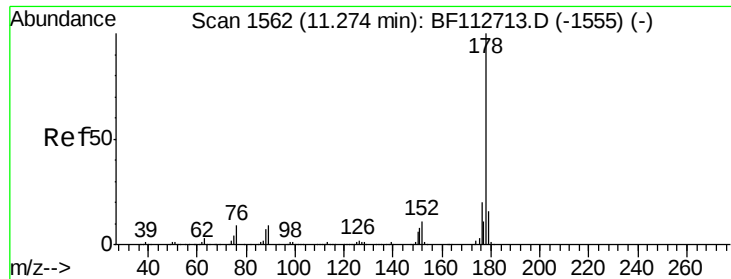
Sohil
3/12/2019 4:28:40 PM



#70
Pentachlorophenol
Concen: 73.470 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	53.3	79.9
264	62.8	48.9	73.3





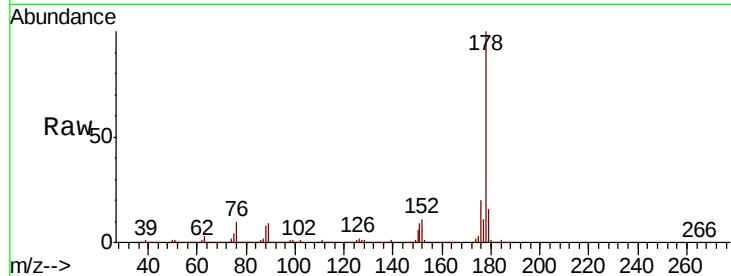
#71
Phenanthrene
Concen: 35.945 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

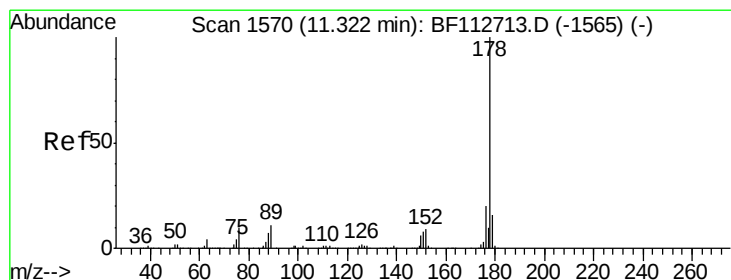
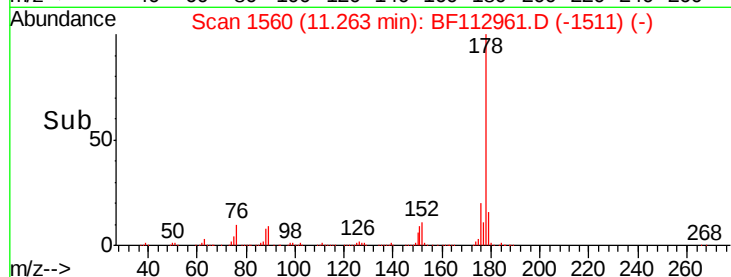
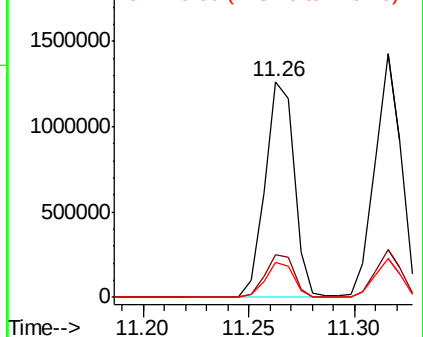
Tot Ion:178 Resp: 1217805
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.0 12.7 19.1

Manual Integrations
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Sohil
3/12/2019 4:28:40 PM



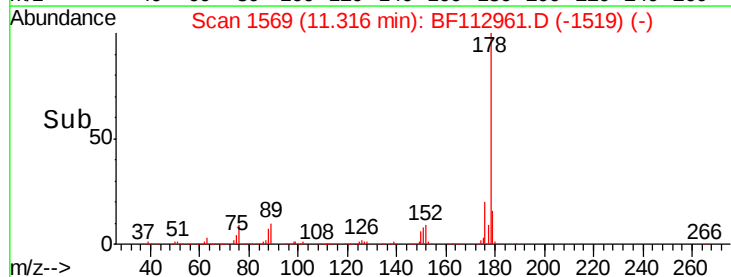
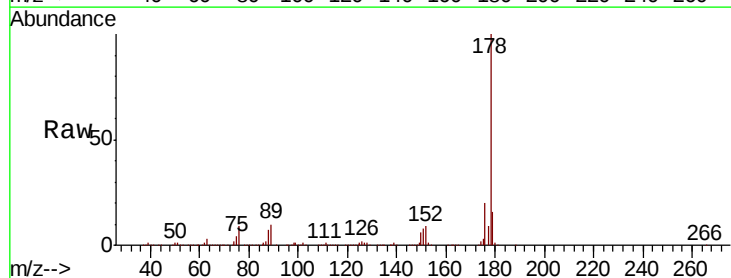
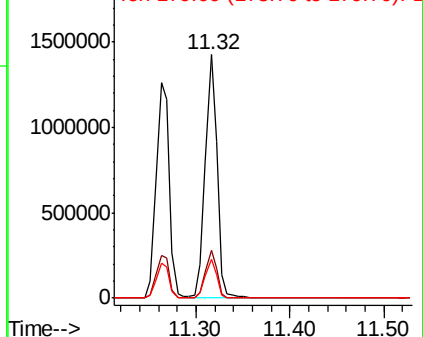
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

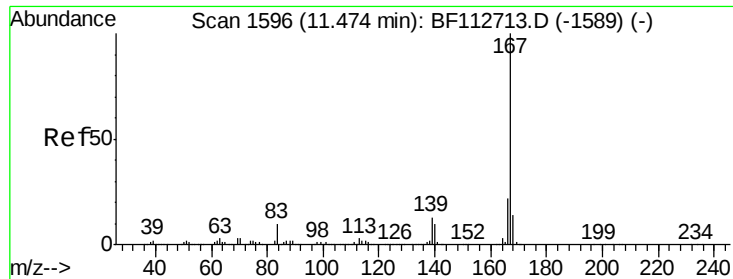


#72
Anthracene
Concen: 35.598 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion:178 Resp: 1262468
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.9 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





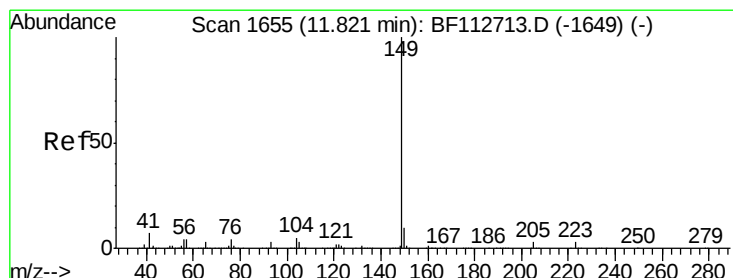
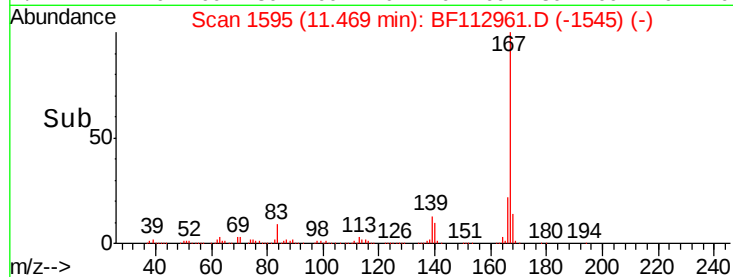
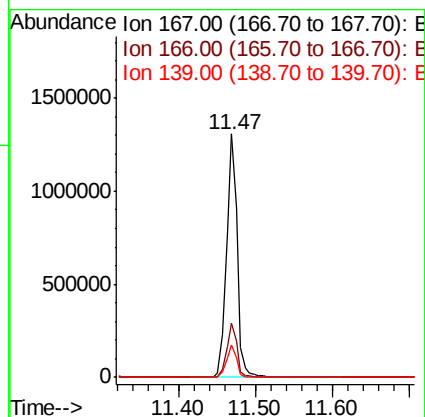
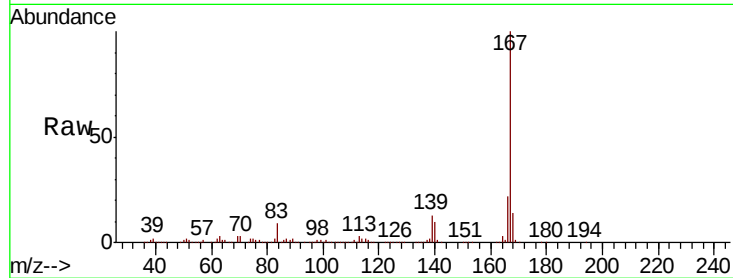
#73
 Carbazole
 Concen: 36.339 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.2	10.8	16.2

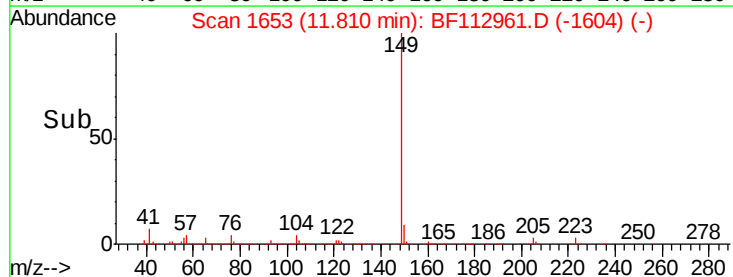
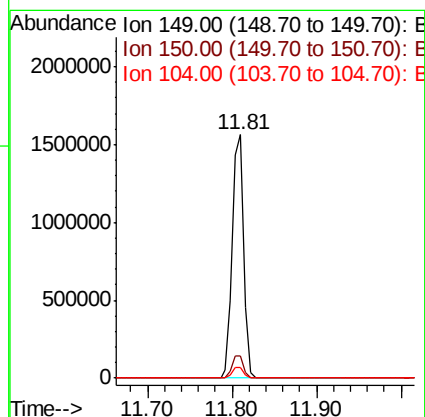
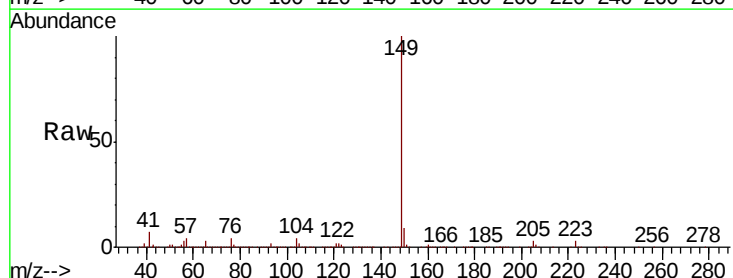
Manual Integrations
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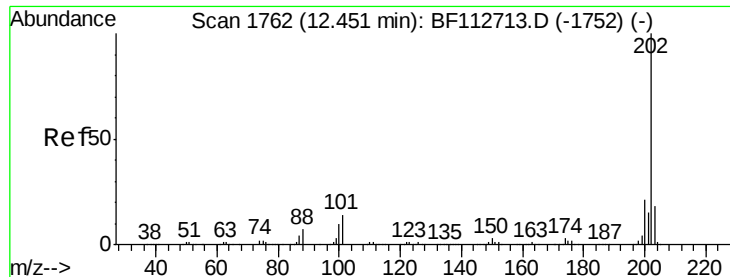
Sohil
 3/12/2019 4:28:40 PM



#74
 Di-n-butylphthalate
 Concen: 34.647 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 40.281 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

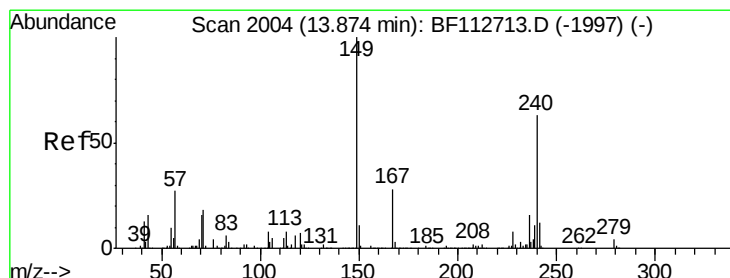
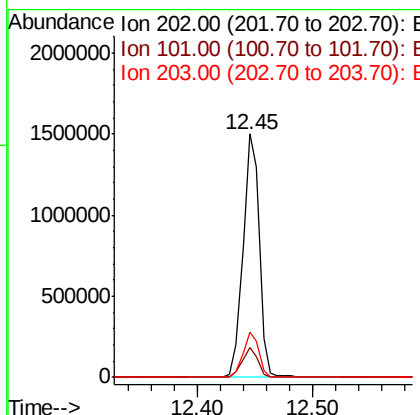
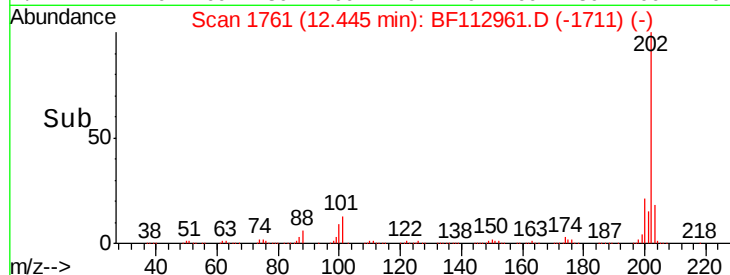
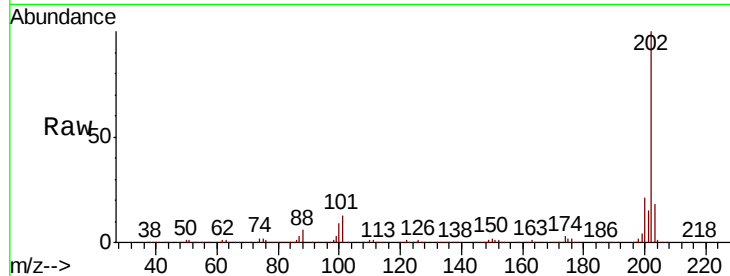
ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:	202	Resp:	1462125
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	33.8
203	18.3	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

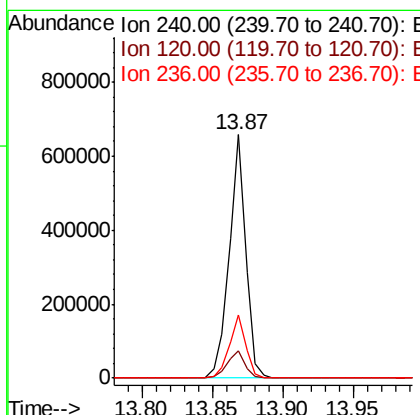
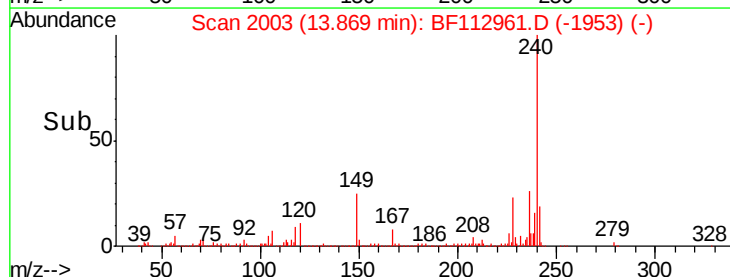
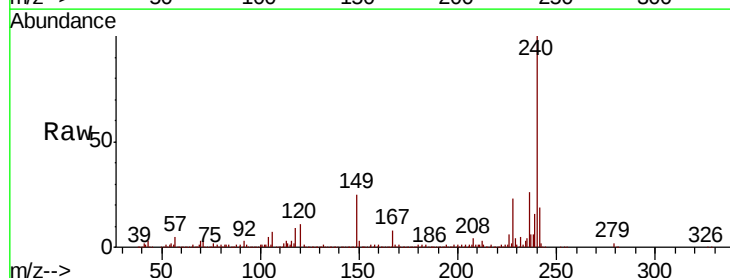
RT: 13.87 min Scan# 2003

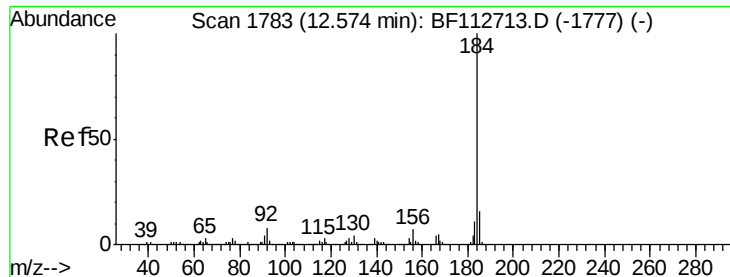
Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:	240	Resp:	537737
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.9	13.3
236	25.7	20.7	31.1





#77

Benzidine

Concen: 17.197 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:184 Resp: 479779

Ion Ratio Lower Upper

184 100

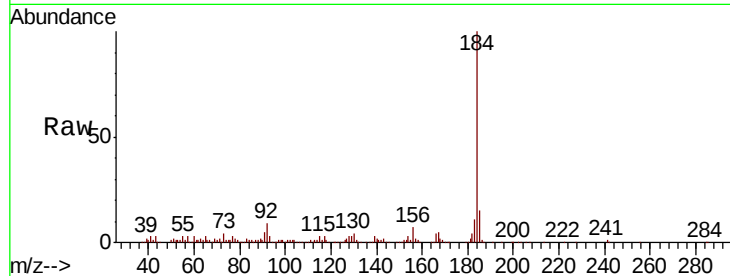
185 15.4 12.6 18.8

183 10.8 8.6 12.8

Manual Integrations
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Abundance

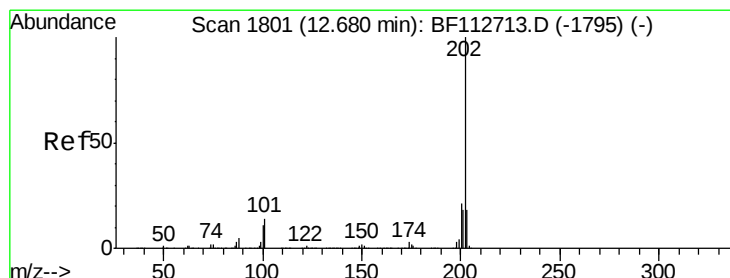
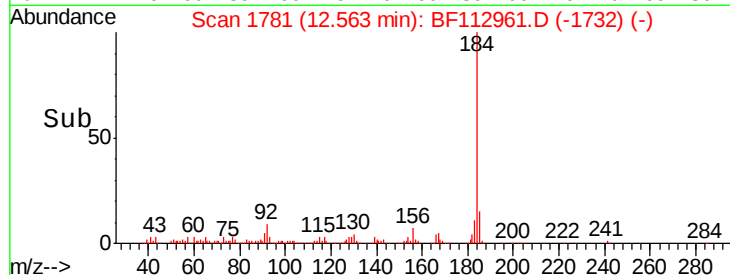
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.56

Time-->



#78

Pyrene

Concen: 32.872 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

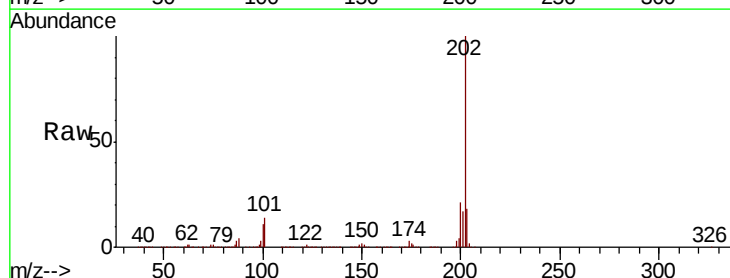
Tgt Ion:202 Resp: 1490188

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.4

203 18.3 14.4 21.6



Abundance

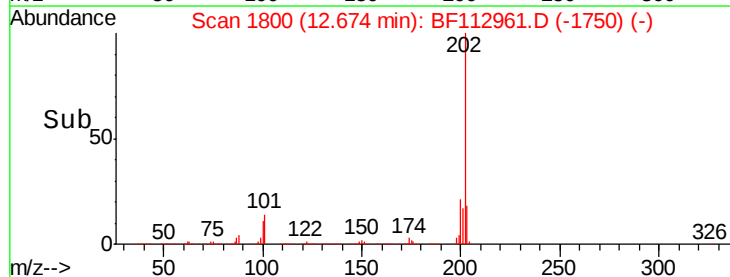
Ion 202.00 (201.70 to 202.70): E

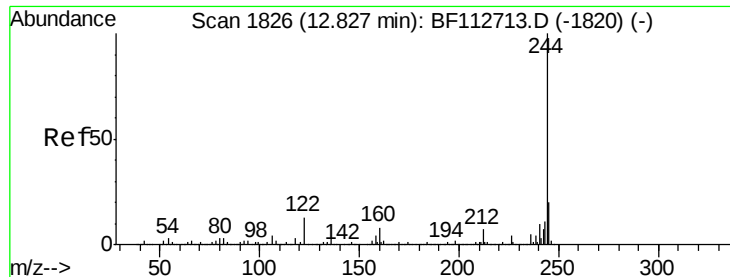
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.67

Time-->





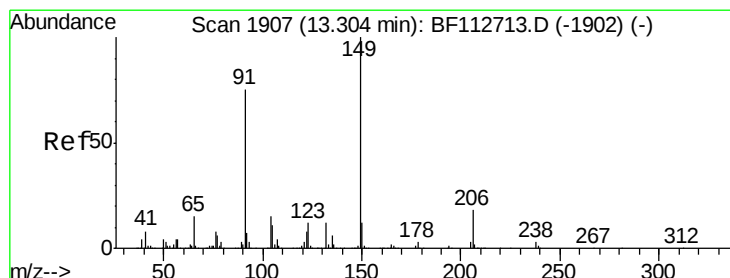
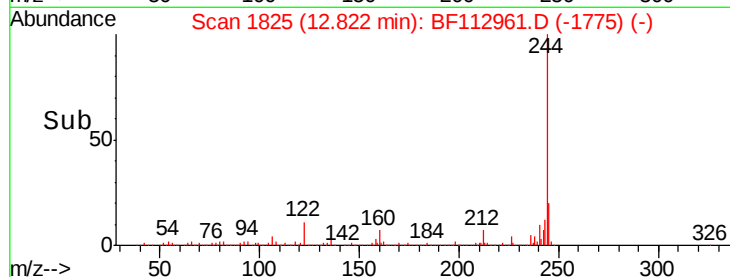
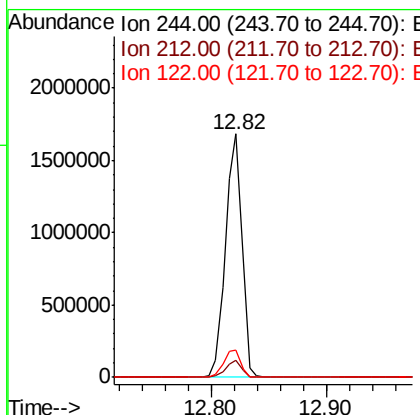
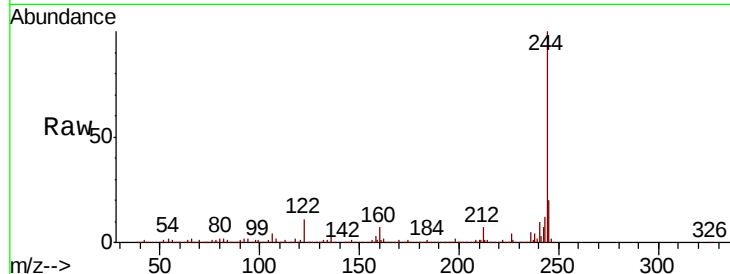
#79
 Terphenyl-d14
 Concen: 59.882 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.4	10.5	15.7

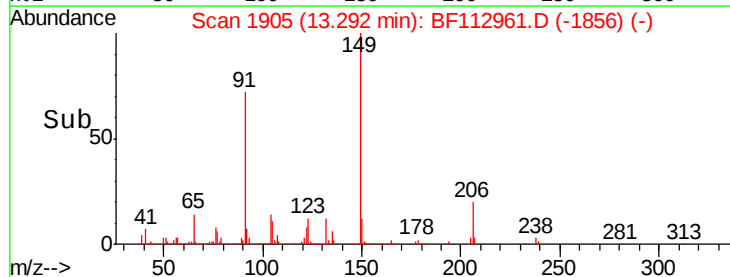
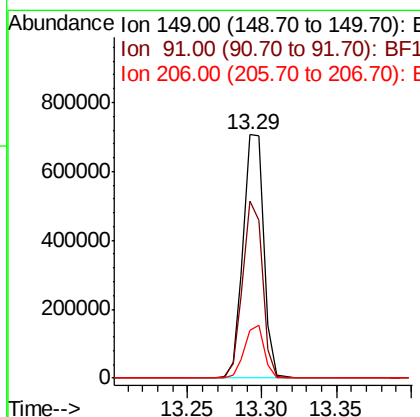
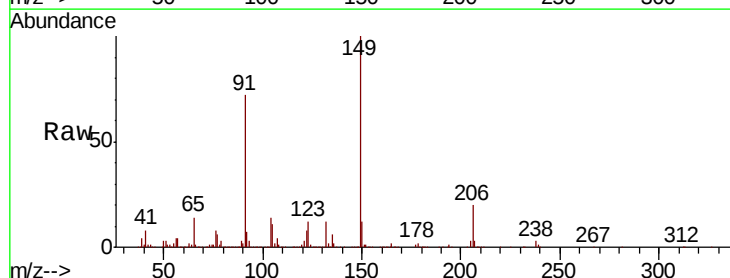
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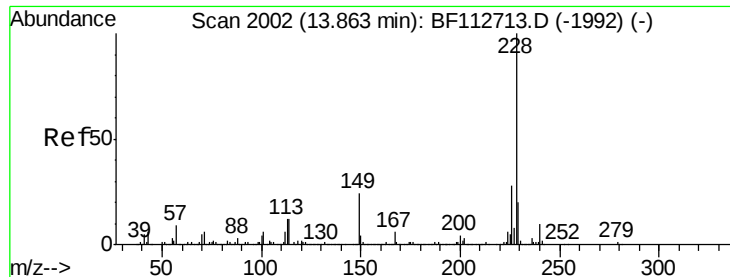
Sohil
 3/12/2019 4:28:40 PM



#80
 Butylbenzylphthalate
 Concen: 34.021 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112961.D
 Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	59.9	89.9
206	19.6	14.7	22.1





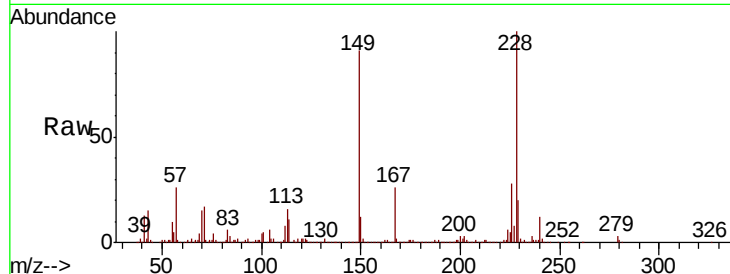
#81
Benzo(a)anthracene
Concen: 30.170 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.1	16.0	24.0

Manual Integrations
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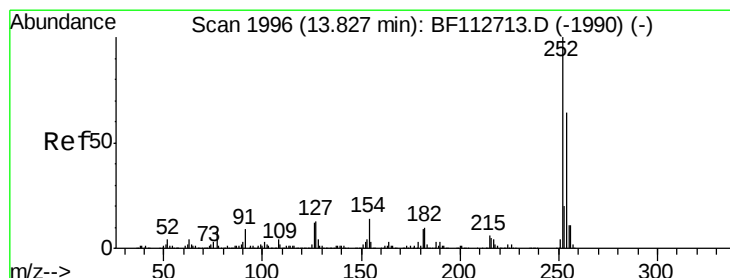
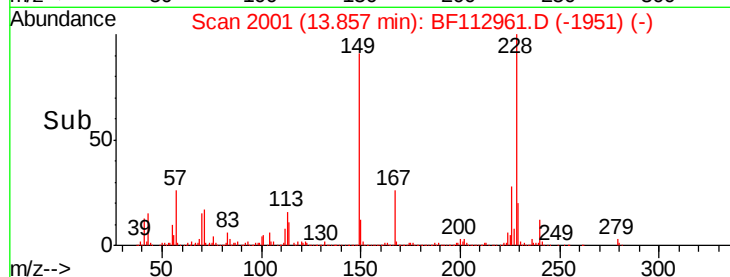
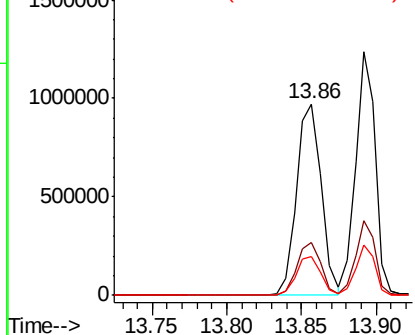


Abundance

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: 21.830 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

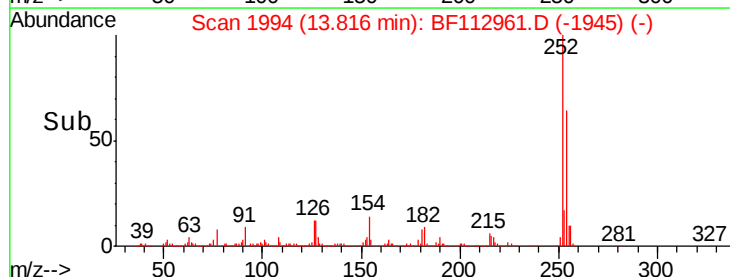
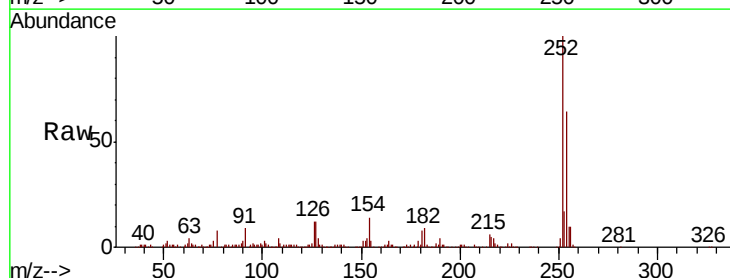
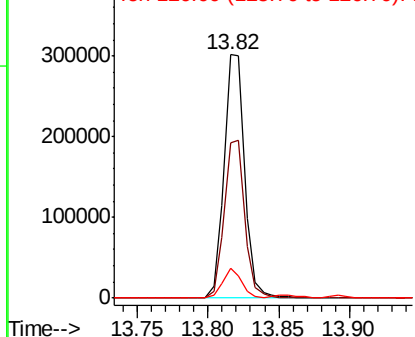
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.1	76.7
126	12.2	9.9	14.9

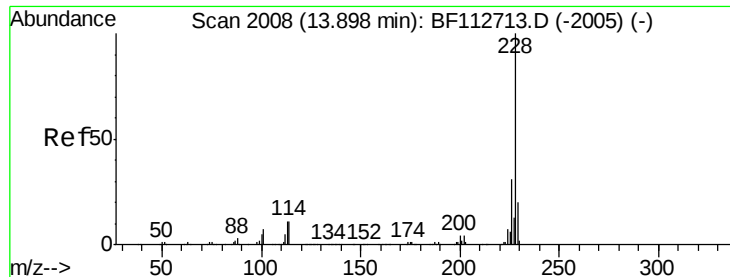
Abundance

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: 31.531 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:228 Resp: 1151060

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

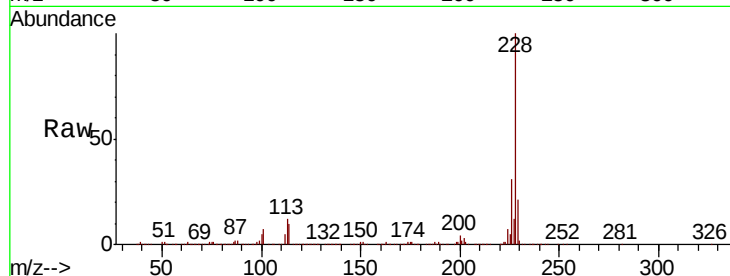
229 20.6 16.3 24.5

Manual Integrations

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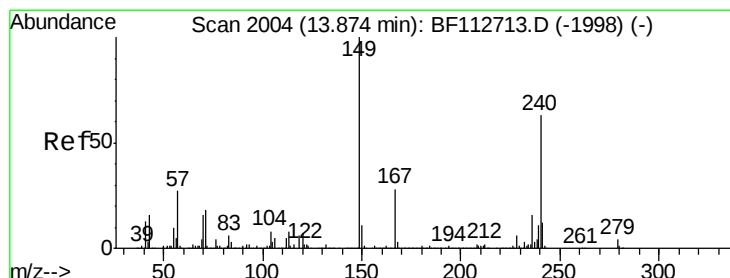
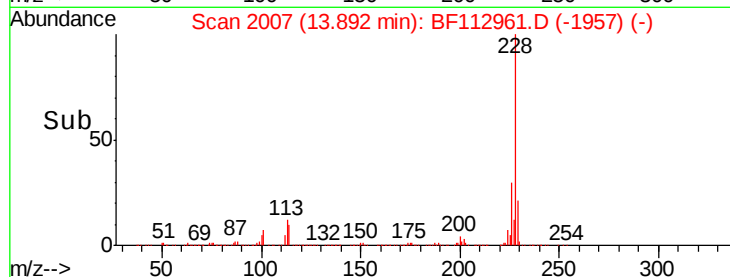
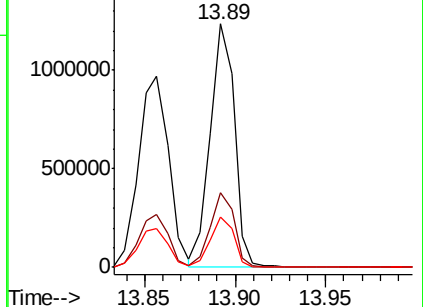
3/12/2019 4:28:40 PM



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.282 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Tgt Ion:149 Resp: 828098

Ion Ratio Lower Upper

149 100

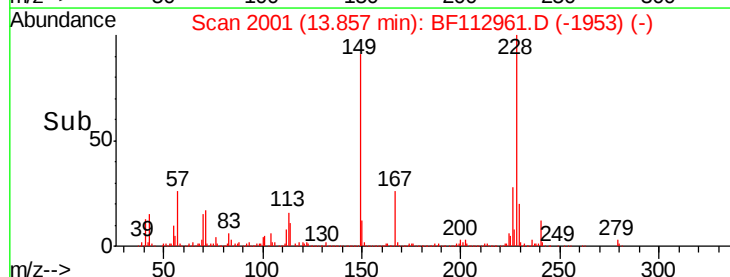
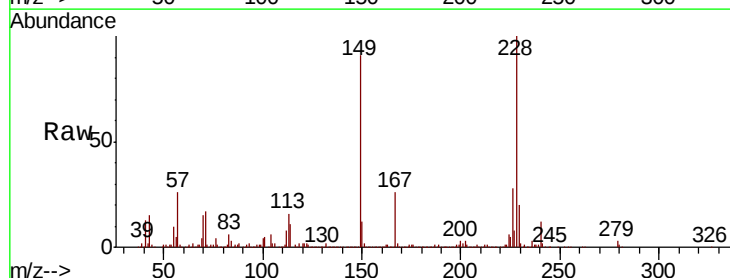
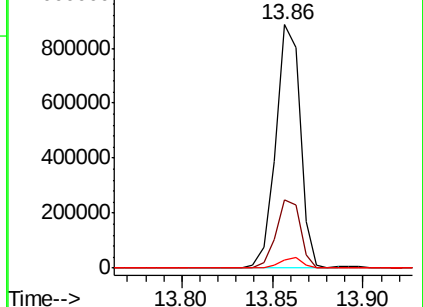
167 28.1 22.4 33.6

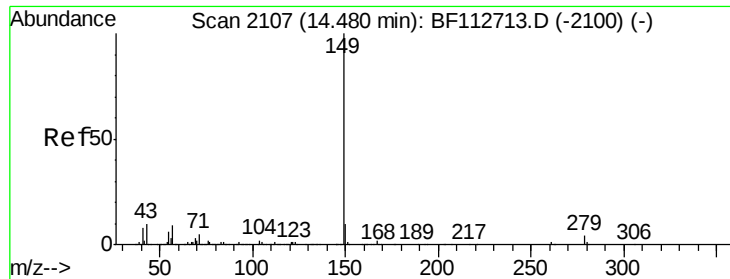
279 3.6 3.3 4.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.711 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SD2-0.0-0.5MS

Tot Ion:149 Resp: 1519839

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

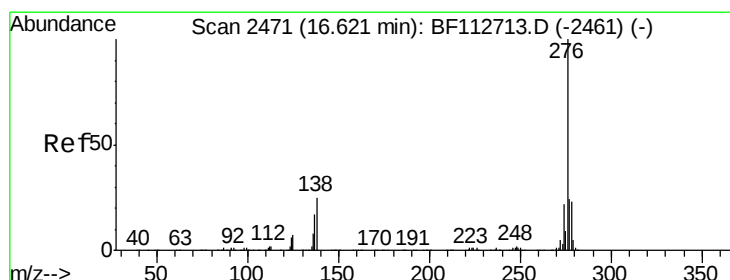
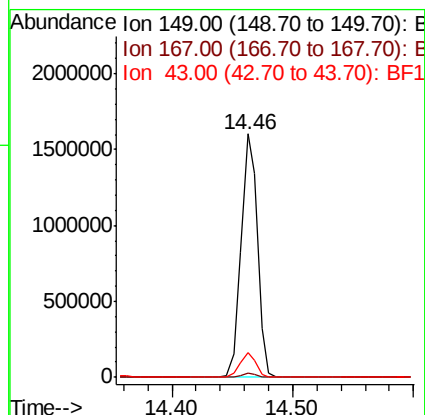
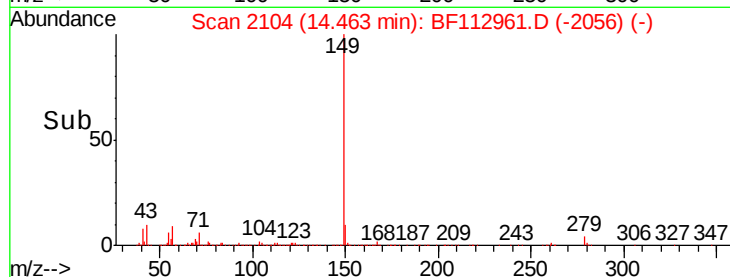
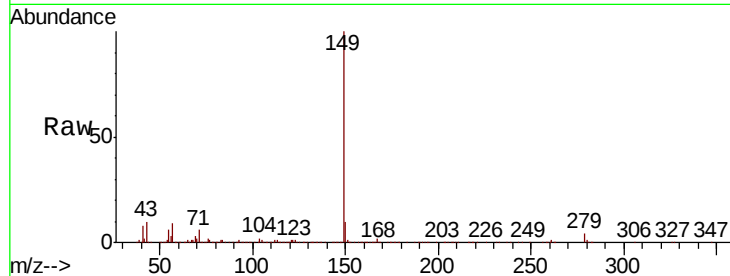
43 9.7 9.0 13.4

Manual Integrations

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.845 ng

RT: 16.63 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BF112961.D

Acq: 11 Mar 2019 18:15

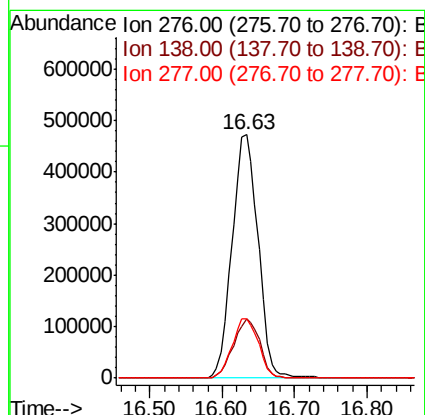
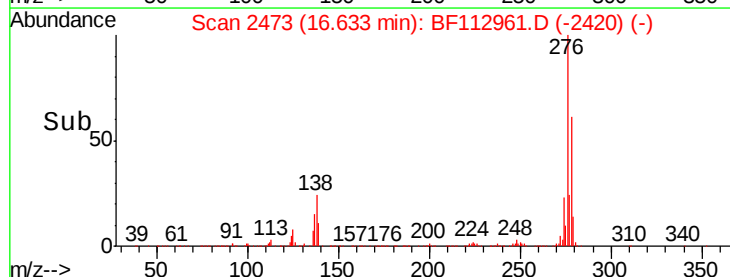
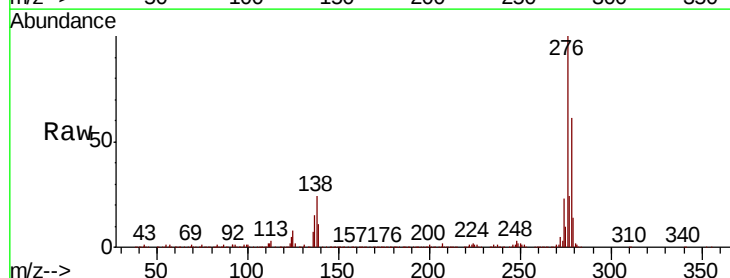
Tgt Ion:276 Resp: 1177834

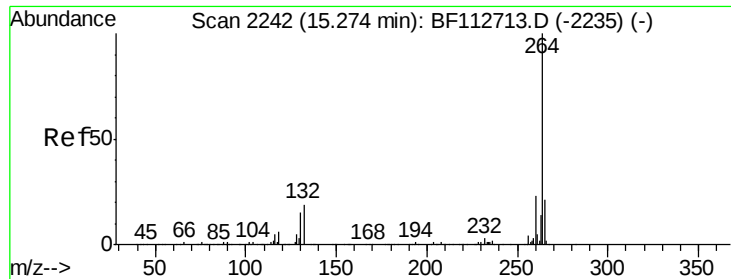
Ion Ratio Lower Upper

276 100

138 24.8 23.2 34.8

277 24.6 19.9 29.9





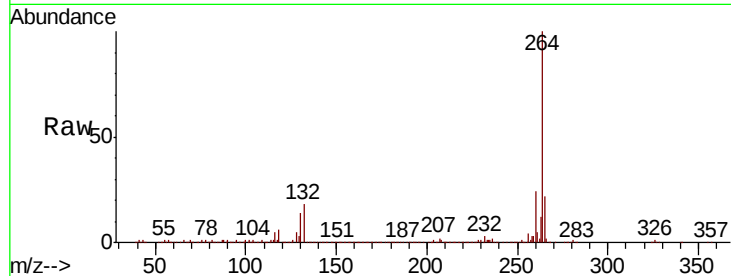
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.1	17.2	25.8

Manual Integrations
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3/12/2019 4:28:40 PM

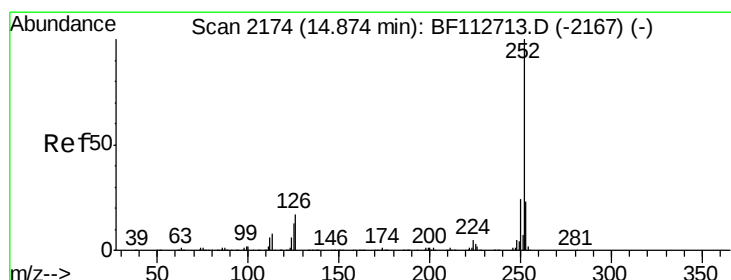
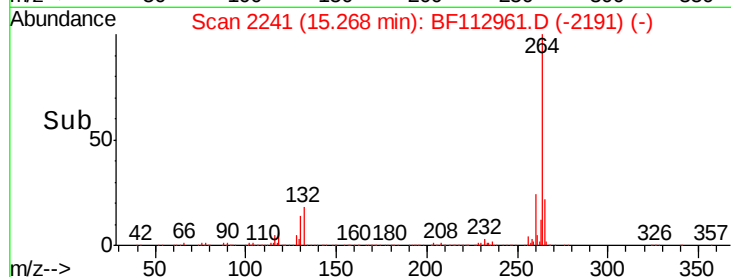
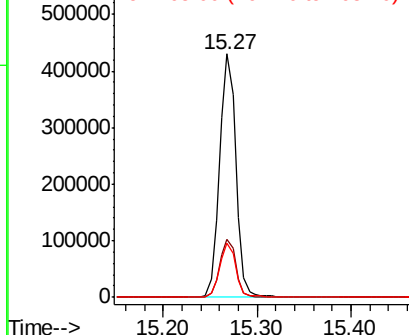


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 32.212 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

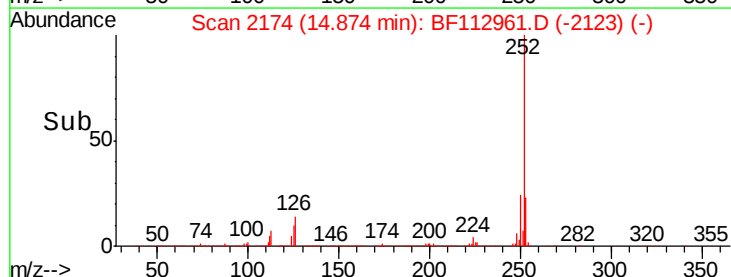
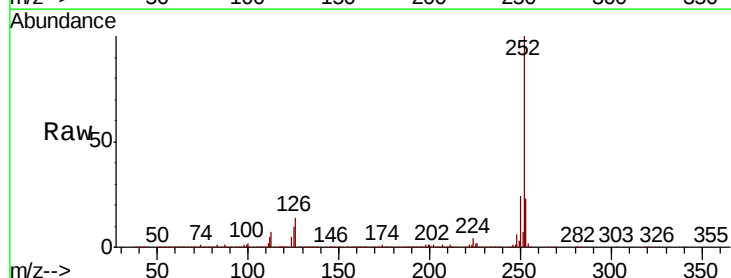
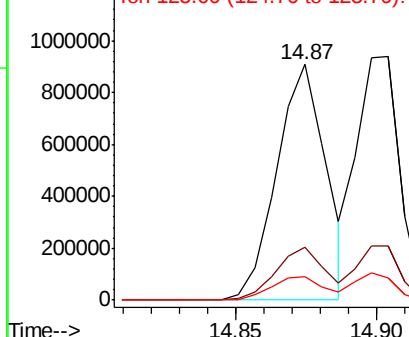
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.1	10.2	15.2#

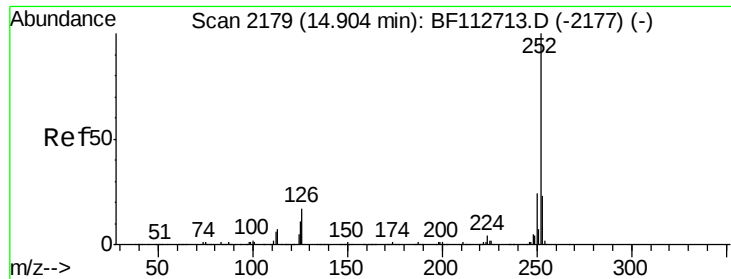
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





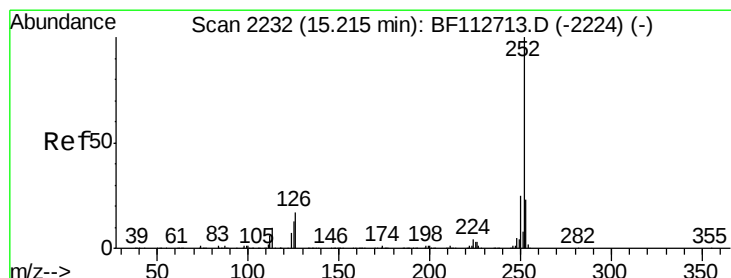
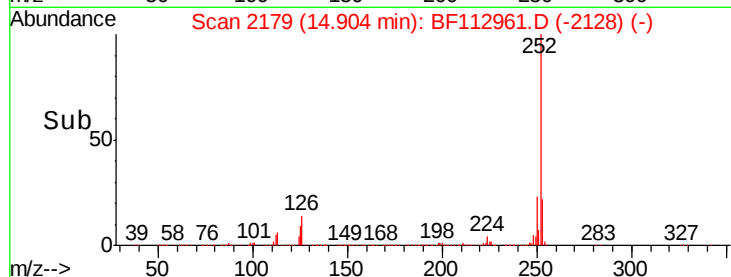
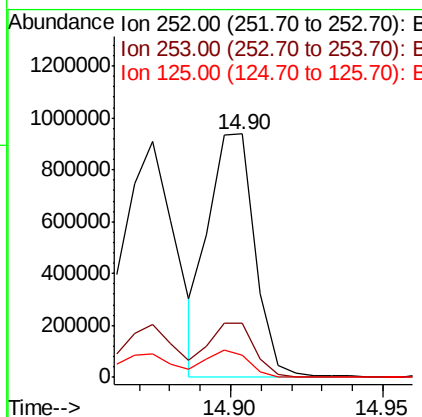
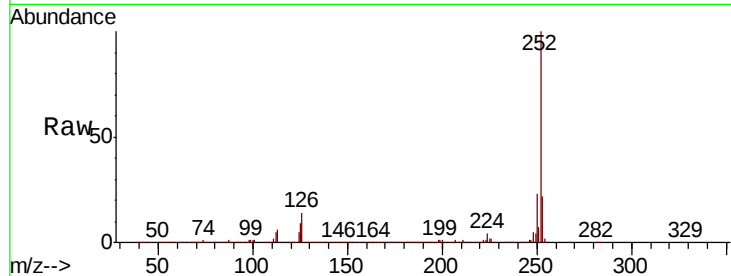
#89
Benzo(k)fluoranthene
Concen: 32.312 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	9.1	9.8	14.6

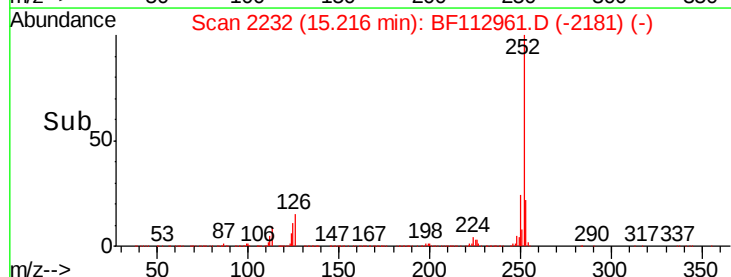
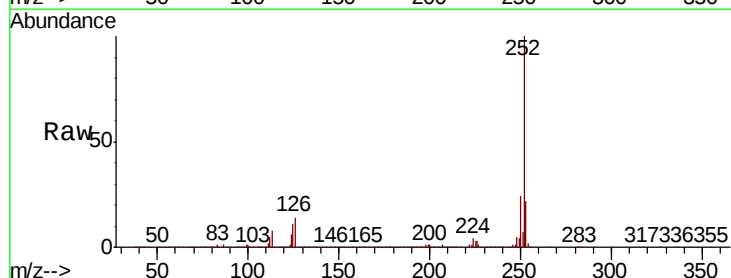
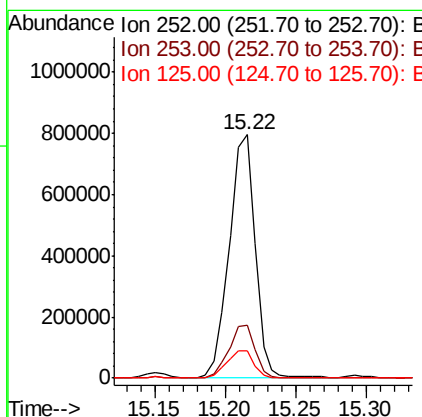
Manual Integrations
APPROVED

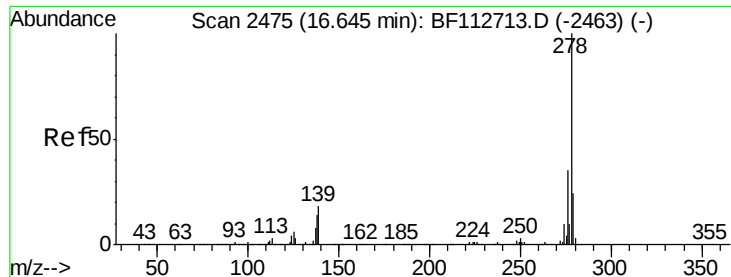
Sohil
3/12/2019 4:28:40 PM



#90
Benzo(a)pyrene
Concen: 33.955 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	11.0	10.7	16.1





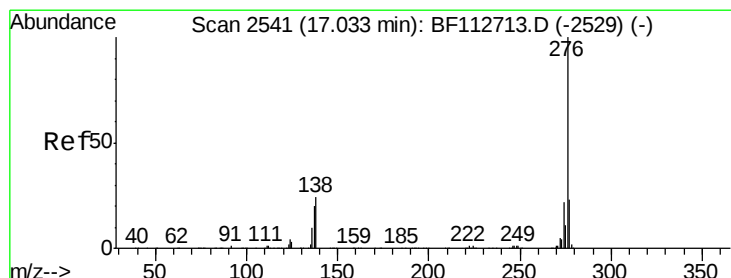
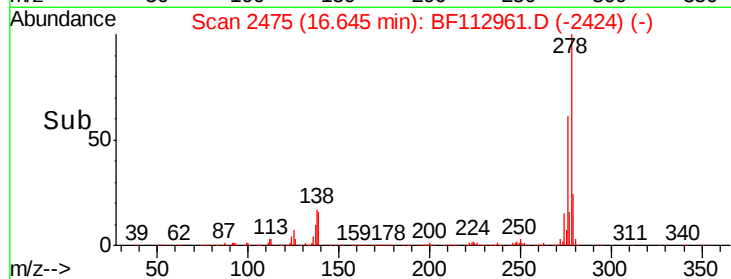
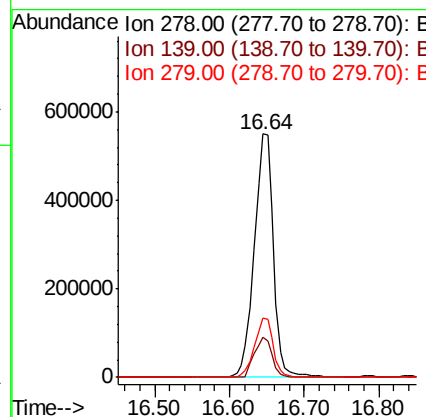
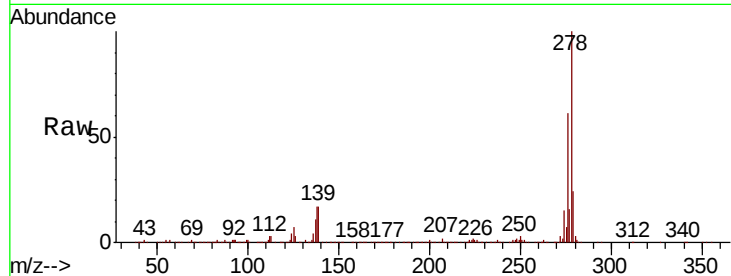
#91
Dibenzo(a,h)anthracene
Concen: 38.289 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Instrument :
BNA_F
ClientSampleId :
SD2-0.0-0.5MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.3	21.5
279	24.3	19.4	29.0

Manual Integrations
APPROVED

Sohil
3/12/2019 4:28:40 PM



#92
Benzo(g,h,i)perylene
Concen: 36.924 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.01 min
Lab File: BF112961.D
Acq: 11 Mar 2019 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	21.1	19.4	29.0

