

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112135.D
 Acq On : 18 Jan 2019 20:09
 Operator : JU/SJ
 Sample : PB116493BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Manual Integrations
 APPROVED

Sohil
 1/21/2019 12:00:59 PM

Quant Time: Jan 19 00:30:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 23:33:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	264869	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1028605	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	518486	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	975279	20.00	ng	0.00
76) Chrysene-d12	14.03	240	604241	20.00	ng	0.00
87) Perylene-d12	15.49	264	563740	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1745064	119.58	ng	0.00
7) Phenol-d6	6.51	99	2165919	118.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	1348894	90.60	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	717627	128.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2729412	77.18	ng	0.00
79) Terphenyl-d14	12.97	244	2600875	91.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	233140	34.064	ng	98
3) Pyridine	3.45	79	636382	37.125	ng	98
4) n-Nitrosodimethylamine	3.39	42	290769	41.778	ng	99
6) Aniline	6.52	93	644217	29.010	ng	# 41
8) 2-Chlorophenol	6.65	128	702347	41.440	ng	98
9) Benzaldehyde	6.40	77	196473	15.892	ng	96
10) Phenol	6.52	94	784090	39.294	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	623858	39.321	ng	99
12) 1,3-Dichlorobenzene	6.80	146	771309	39.878	ng	99
13) 1,4-Dichlorobenzene	6.87	146	782265	39.539	ng	99
14) 1,2-Dichlorobenzene	7.03	146	733570	40.253	ng	97
15) Benzyl Alcohol	7.00	79	576825	42.405	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	834599	36.478	ng	95
17) 2-Methylphenol	7.12	107	555229	43.622	ng	95
18) Hexachloroethane	7.37	117	267107	40.450	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	462537	41.584	ng	98
20) 3+4-Methylphenols	7.27	107	687827	44.570	ng	# 68
22) Acetophenone	7.26	105	907481	38.081	ng	98
24) Nitrobenzene	7.44	77	701204	44.440	ng	97
25) Isophorone	7.68	82	1261952	43.884	ng	97
26) 2-Nitrophenol	7.76	139	380939	47.122	ng	99
27) 2,4-Dimethylphenol	7.80	122	616697	46.200	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	808140	40.969	ng	100
29) 2,4-Dichlorophenol	8.00	162	622359	42.680	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	674749	39.873	ng	99
31) Naphthalene	8.16	128	2011440	42.994	ng	99
32) Benzoic acid	7.93	122	288832m	47.252	ng	
33) 4-Chloroaniline	8.21	127	431132	20.505	ng	99
34) Hexachlorobutadiene	8.28	225	369340	39.219	ng	99
35) Caprolactam	8.58	113	199665m	39.122	ng	
36) 4-Chloro-3-methylphenol	8.70	107	616066	43.257	ng	99
37) 2-Methylnaphthalene	8.86	142	1430903	45.041	ng	99
38) 1-Methylnaphthalene	8.96	142	1340742	43.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	667816	40.111	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	304088	49.080	nq	97
43) 2,4,6-Trichlorophenol	9.14	196	438151	43.991	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	470779	44.380	nq	98
46) 1,1'-Biphenyl	9.32	154	1728715	39.874	nq	99
47) 2-Chloronaphthalene	9.35	162	1335767	39.361	nq	98
48) 2-Nitroaniline	9.44	65	373313	48.838	nq	95
49) Acenaphthylene	9.76	152	2124662	42.903	nq	99
50) Dimethylphthalate	9.62	163	1634637	43.230	nq	100
51) 2,6-Dinitrotoluene	9.68	165	369917	48.987	nq	97
52) Acenaphthene	9.93	154	1217922	40.195	nq	99
53) 3-Nitroaniline	9.85	138	245270	29.046	nq	93
54) 2,4-Dinitrophenol	9.96	184	167252	72.209	nq	92
55) Dibenzofuran	10.10	168	1867608	40.758	nq	97
56) 4-Nitrophenol	10.03	139	499074	82.502	nq	97
57) 2,4-Dinitrotoluene	10.09	165	476897	49.084	nq	89
58) Fluorene	10.45	166	1456761	42.551	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	391166	48.866	nq	99
60) Diethylphthalate	10.32	149	1603815	43.452	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	722691	39.119	nq	94
62) 4-Nitroaniline	10.46	138	340208	40.574	nq	99
63) Azobenzene	10.60	77	1391306	39.362	nq	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	139374	37.145	nq	94
66) n-Nitrosodiphenylamine	10.56	169	1331479	41.297	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	458824	40.503	nq	97
68) Hexachlorobenzene	11.00	284	472645	38.732	nq	97
69) Atrazine	11.08	200	455673	43.797	nq	97
70) Pentachlorophenol	11.20	266	411114	70.827	nq	98
71) Phenanthrene	11.41	178	2027949	41.318	nq	100
72) Anthracene	11.46	178	2079542	41.825	nq	100
73) Carbazole	11.62	167	1833362	36.809	nq	99
74) Di-n-butylphthalate	11.94	149	2414937	43.104	nq	100
75) Fluoranthene	12.60	202	1884795	36.371	nq	99
77) Benzidine	12.71	184	1009514	50.074	nq	97
78) Pyrene	12.83	202	1819632	45.644	nq	99
80) Butylbenzylphthalate	13.43	149	903660	51.670	nq	92
81) Benzo(a)anthracene	14.02	228	1470548	42.446	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	517495	39.885	nq	99
83) Chrysene	14.05	228	1388907	42.368	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1261521	50.330	nq	98
85) Di-n-octyl phthalate	14.60	149	1889334	48.922	nq	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1285128	42.491	nq	98
88) Benzo(b)fluoranthene	15.07	252	1411998	44.125	nq	99
89) Benzo(k)fluoranthene	15.10	252	1367344	44.148	nq	99
90) Benzo(a)pyrene	15.44	252	1323162	45.088	nq	99
91) Dibenzo(a,h)anthracene	16.99	278	1095377	42.025	nq	99
92) Benzo(g,h,i)perylene	17.43	276	1010354	39.347	nq	98

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

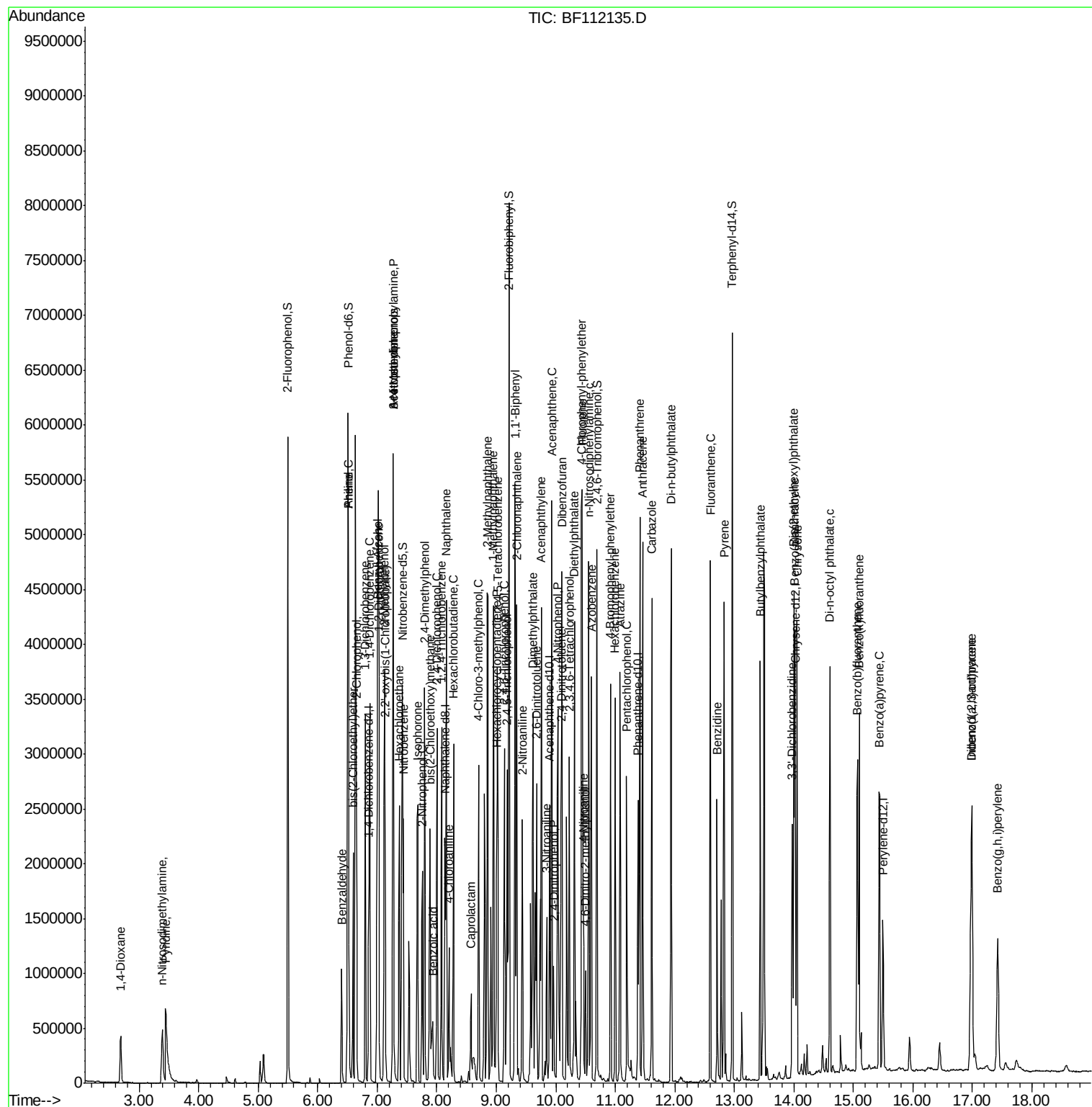
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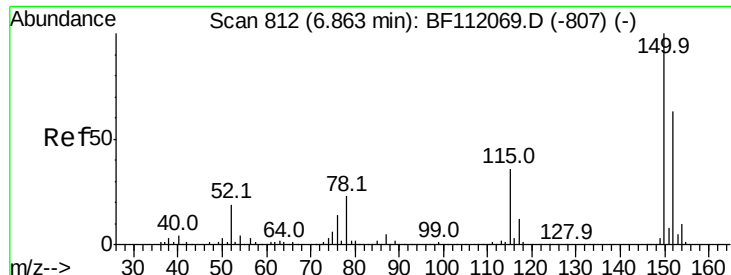
Instrument :
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#1

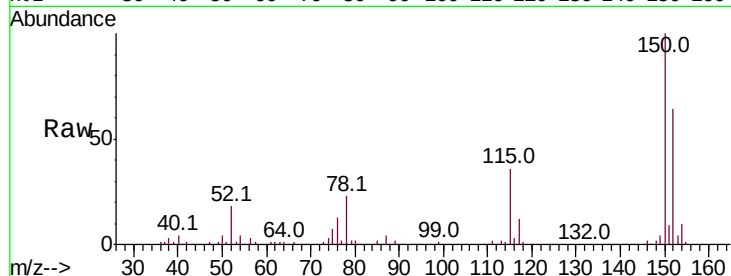
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	127.4	191.0
115	56.4	45.5	68.3

Manual Integrations
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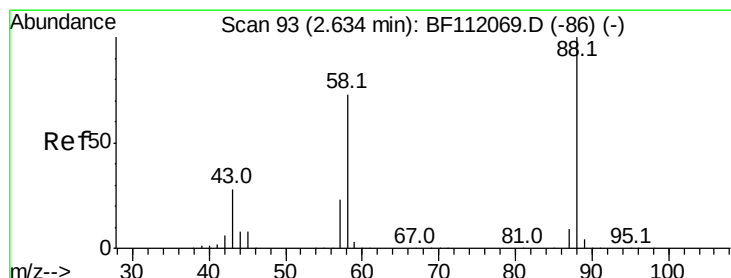
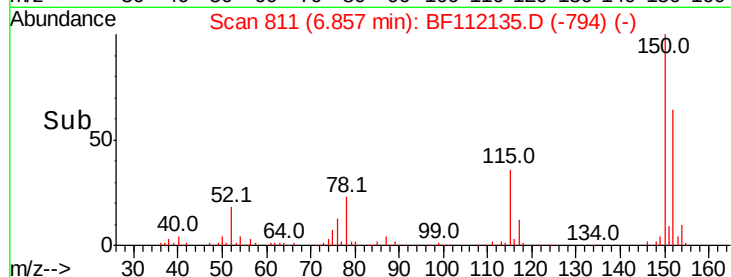
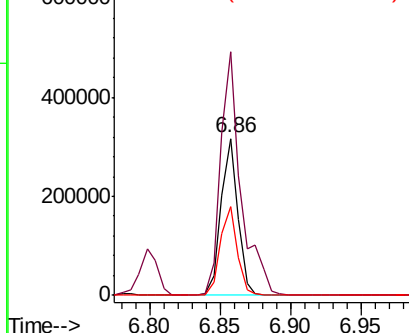


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

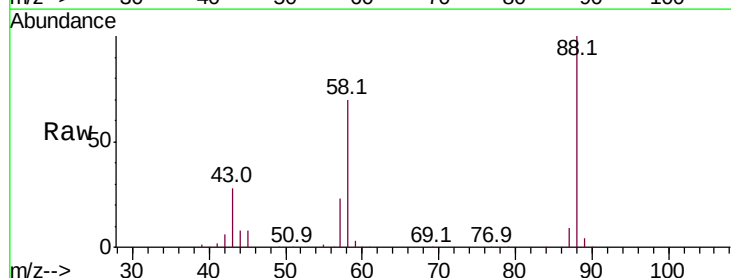
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.064 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.06 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.1	57.4	86.2
43	28.1	22.2	33.4

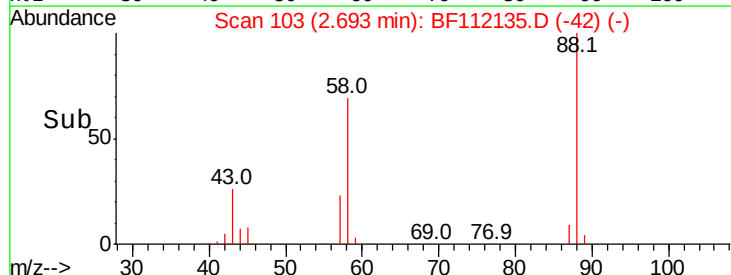
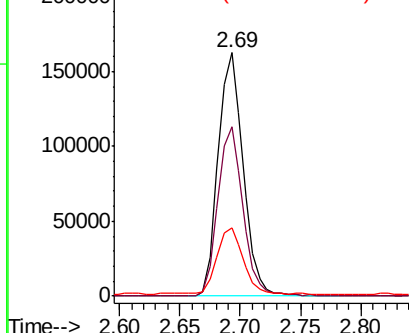


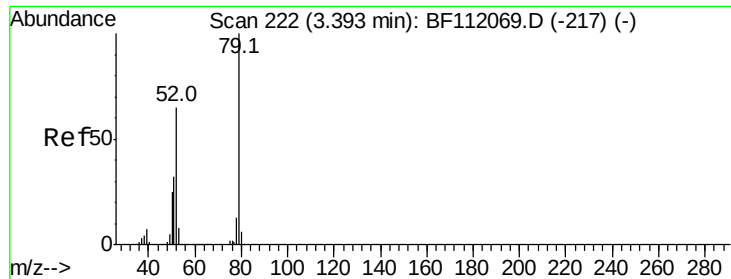
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 37.125 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF112135.D

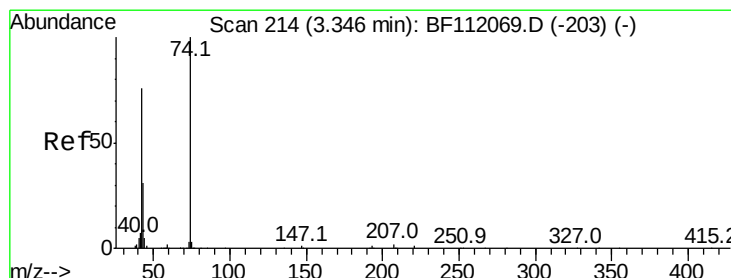
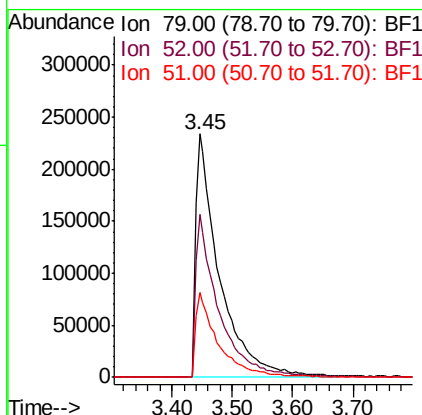
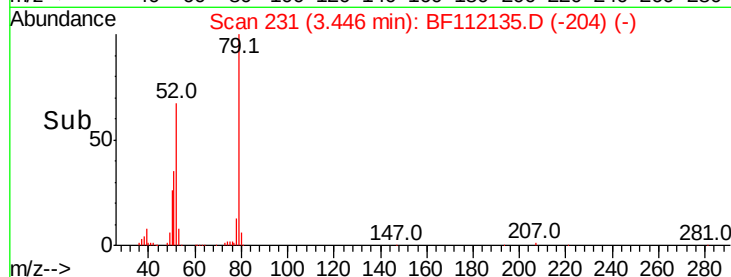
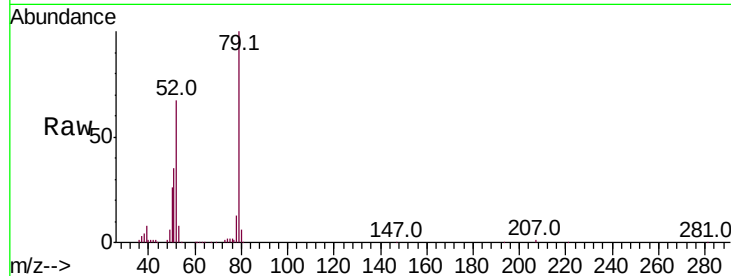
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
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PB116493BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.7	52.4	78.6
51	34.9	26.1	39.1

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1/21/2019 12:00:59 PM



#4

n-Nitrosodimethylamine

Concen: 41.778 ng

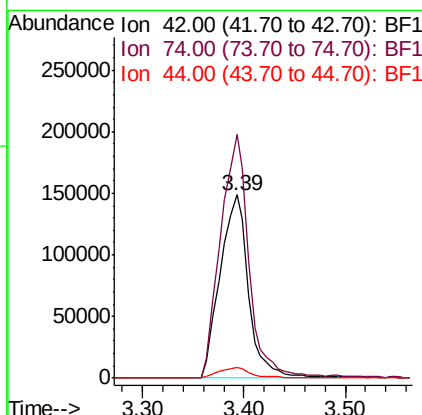
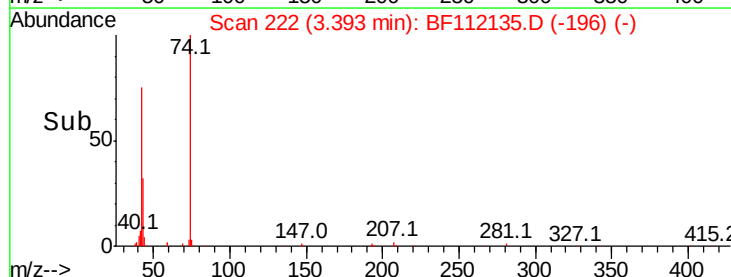
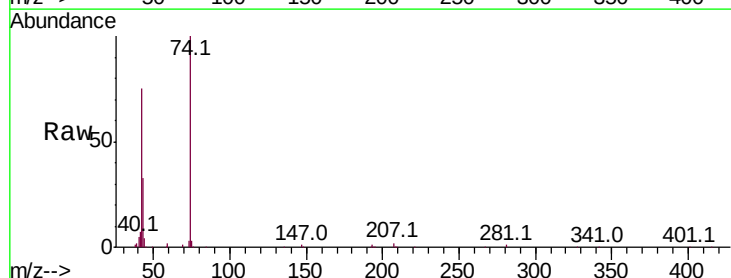
RT: 3.39 min Scan# 222

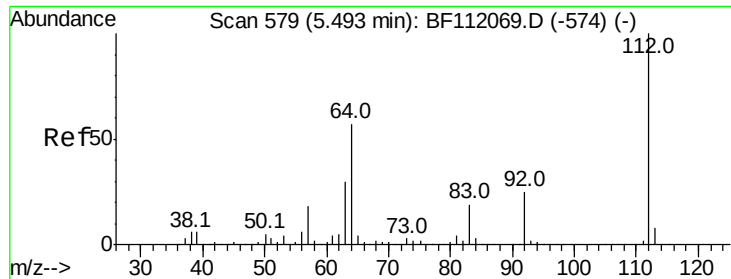
Delta R.T. 0.05 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.1	105.6	158.4
44	5.8	5.4	8.2





#5

2-Fluorophenol

Concen: 119.582 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampled :

PB116493BS

Tot Ion: 112 Resp: 1745064

Ion Ratio Lower Upper

112 100

64 56.1 45.7 68.5

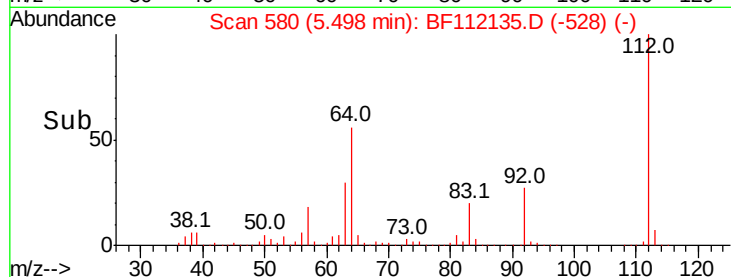
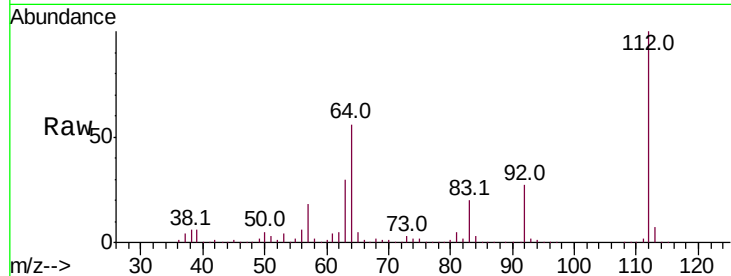
63 30.5 23.6 35.4

Manual Integrations

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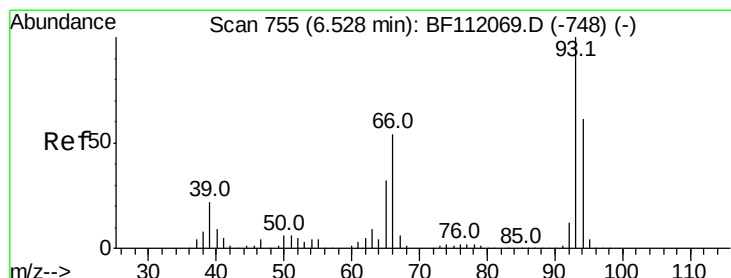
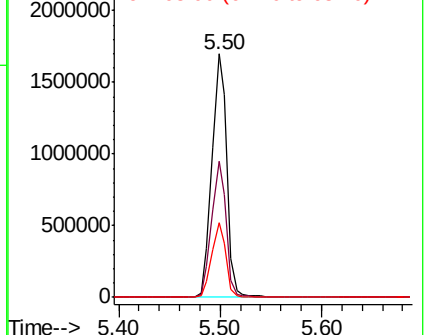
1/21/2019 12:00:59 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.010 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

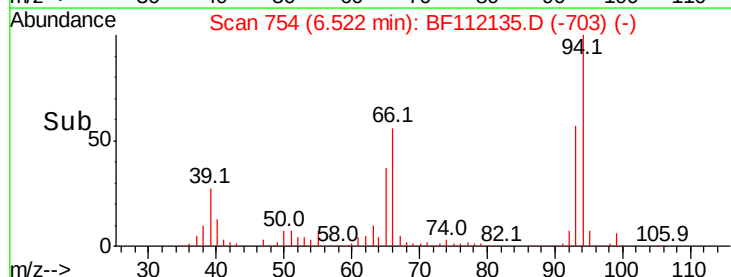
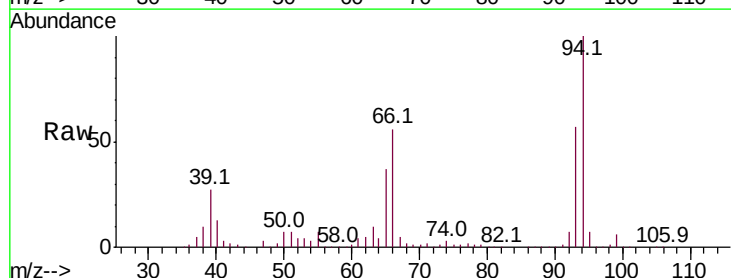
Tgt Ion: 93 Resp: 644217

Ion Ratio Lower Upper

93 100

66 96.7 43.4 65.2#

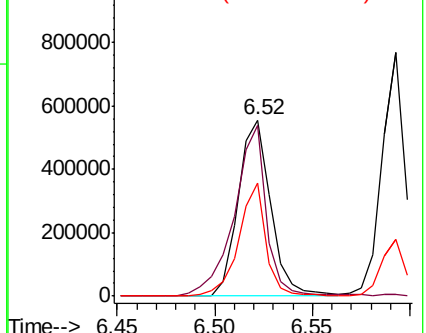
65 64.2 25.3 37.9#

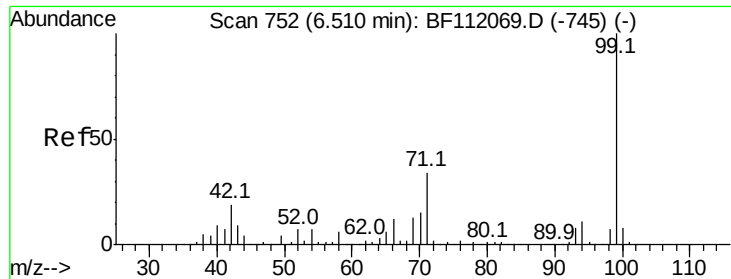


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.628 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

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Instrument :

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Tot Ion: 99 Resp: 2165919

Ion Ratio Lower Upper

99 100

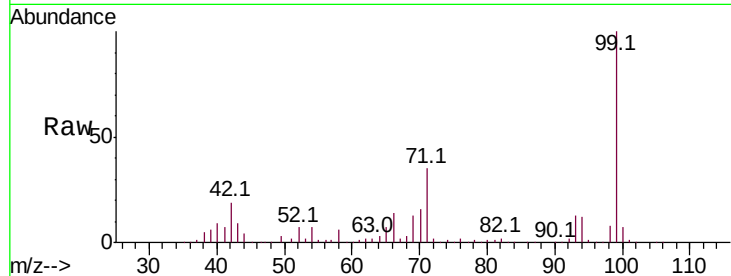
42 18.8 15.1 22.7

71 35.1 26.9 40.3

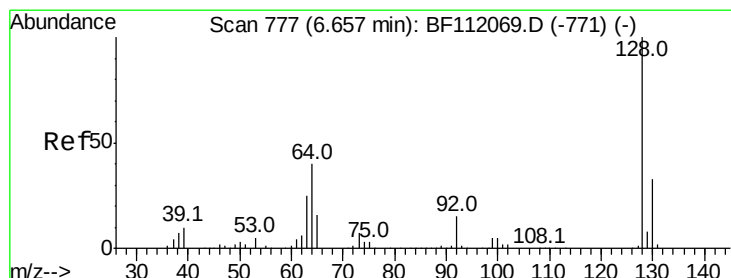
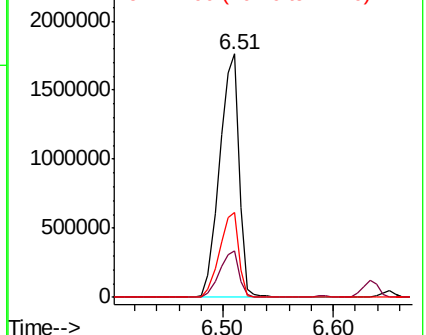
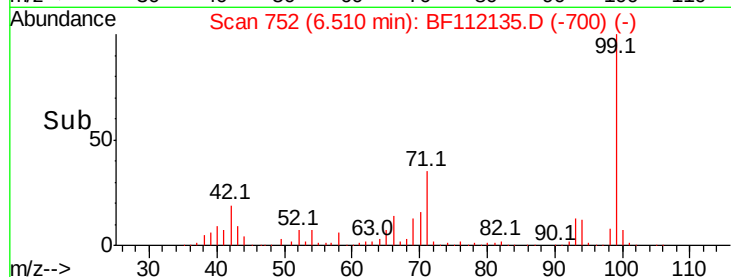
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.440 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

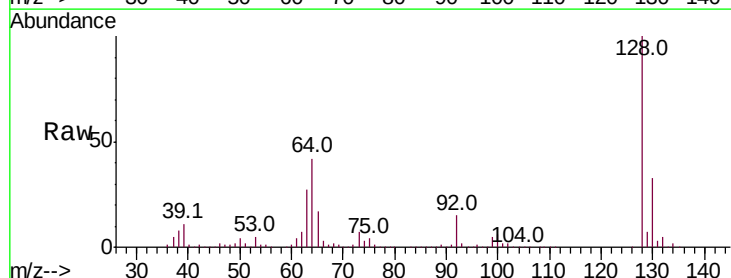
Tgt Ion:128 Resp: 702347

Ion Ratio Lower Upper

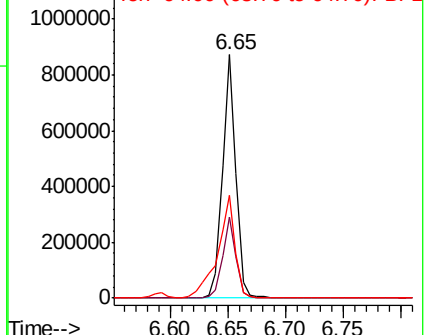
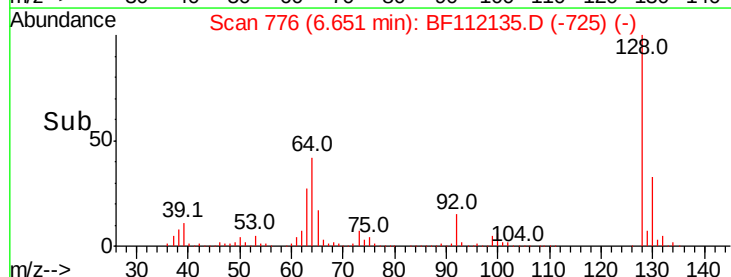
128 100

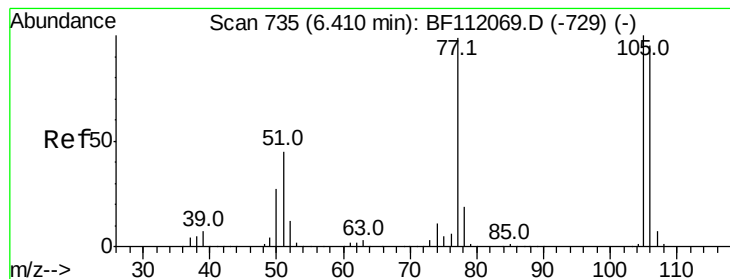
130 33.4 13.4 53.4

64 42.3 20.5 60.5



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: 15.892 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

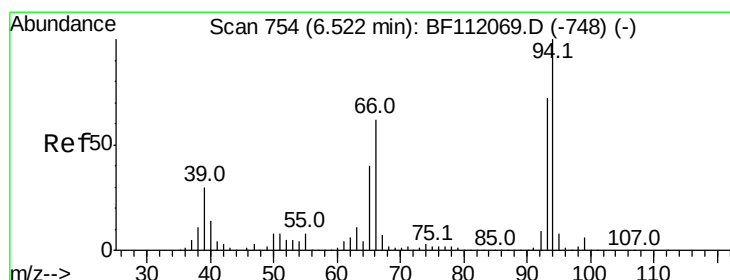
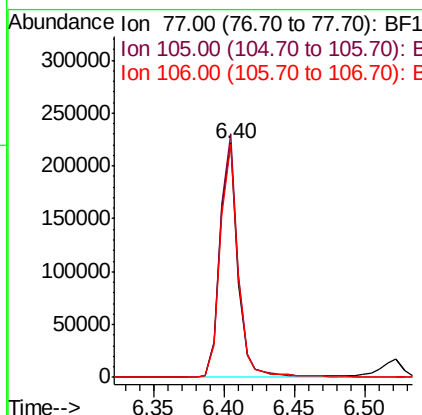
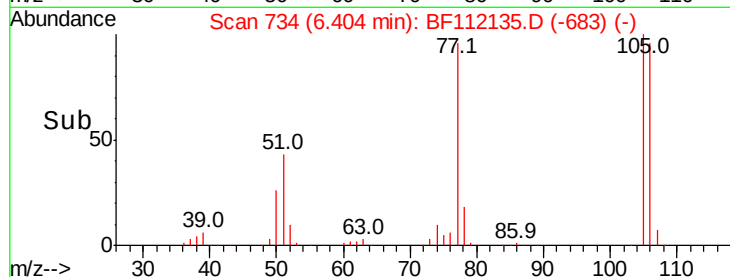
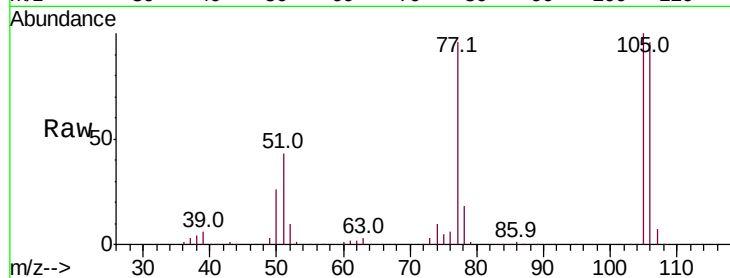
ClientSampleId :

PB116493BS

Tot Ion:	77	Resp:	196473
Ion	Ratio	Lower	Upper
77	100		
105	103.8	80.8	120.8
106	99.7	75.7	115.7

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#10

Phenol

Concen: 39.294 ng

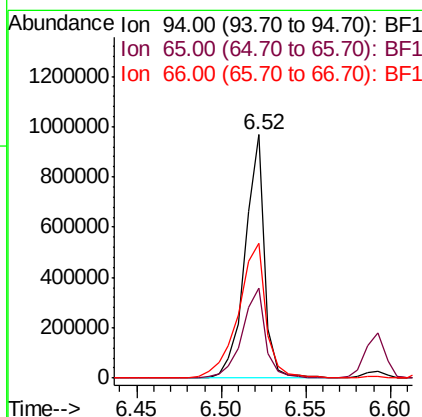
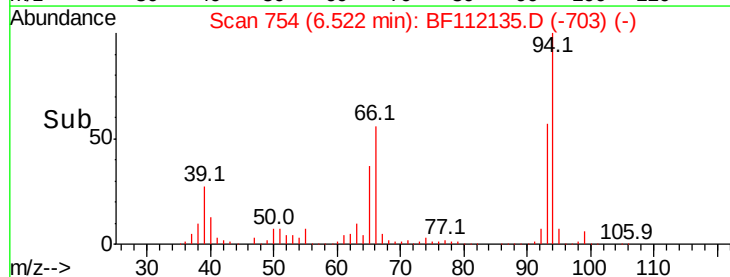
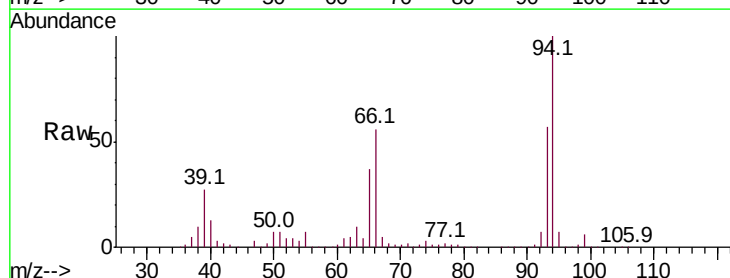
RT: 6.52 min Scan# 754

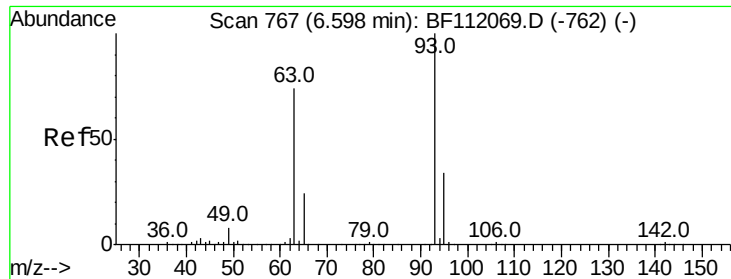
Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:	94	Resp:	784090
Ion	Ratio	Lower	Upper
94	100		
65	36.9	20.3	60.3
66	55.6	42.4	82.4





#11

bis(2-Chloroethyl)ether

Concen: 39.321 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

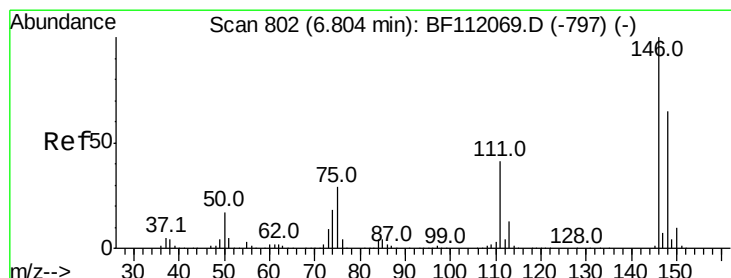
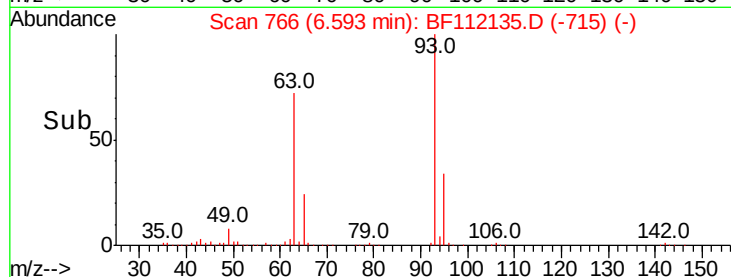
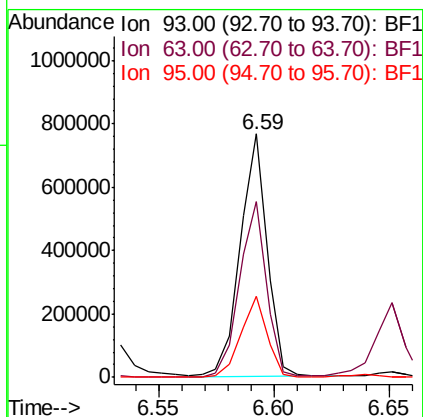
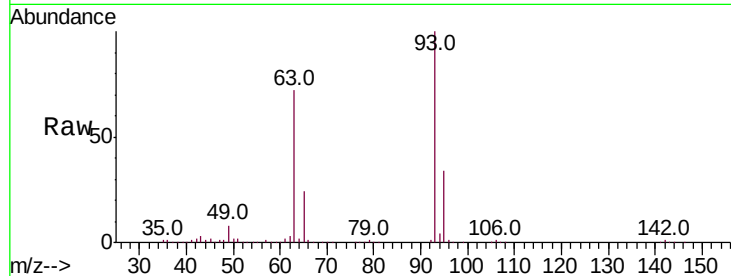
ClientSampled :

PB116493BS

Tot Ion:	93	Resp:	623858
Ion Ratio	Lower	Upper	
93	100		
63	72.4	53.3	93.3
95	33.5	13.4	53.4

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.878 ng

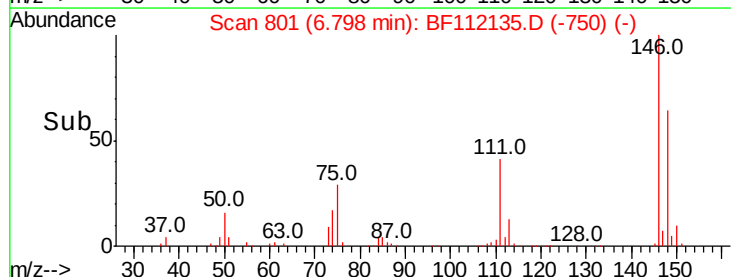
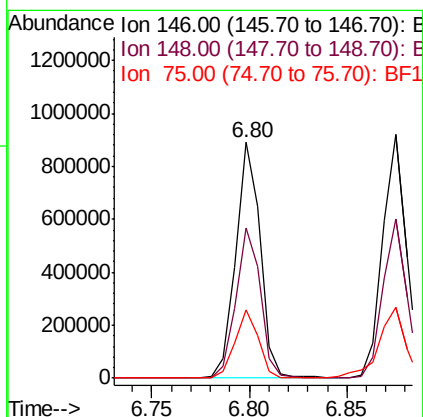
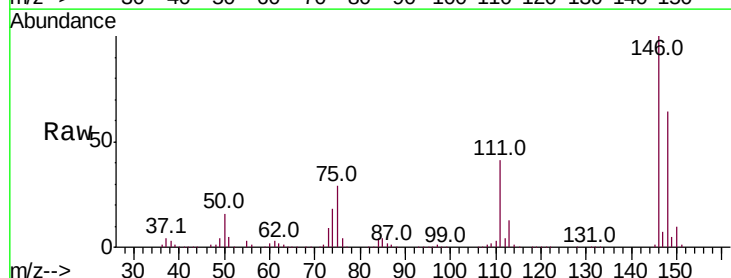
RT: 6.80 min Scan# 801

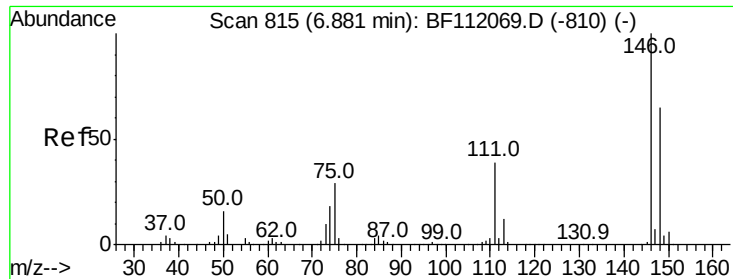
Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:	146	Resp:	771309
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	28.8	23.1	34.7





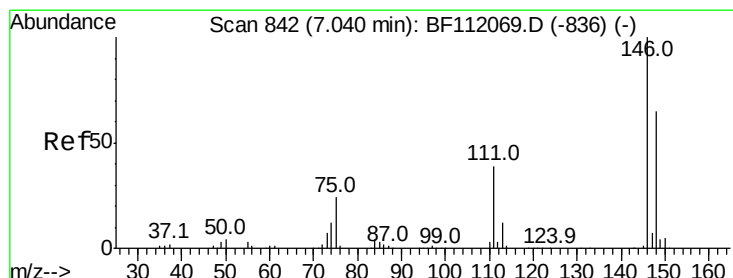
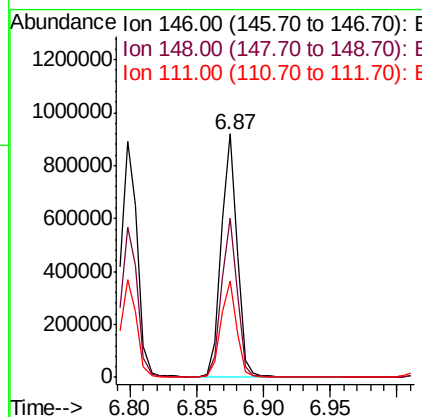
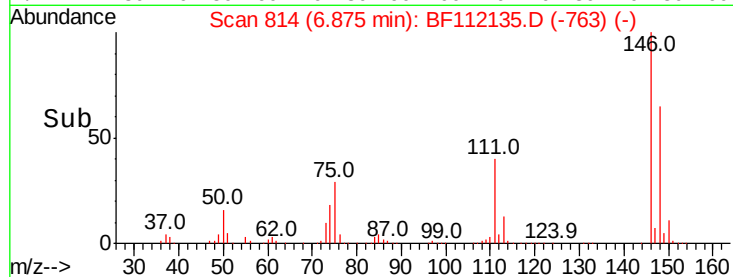
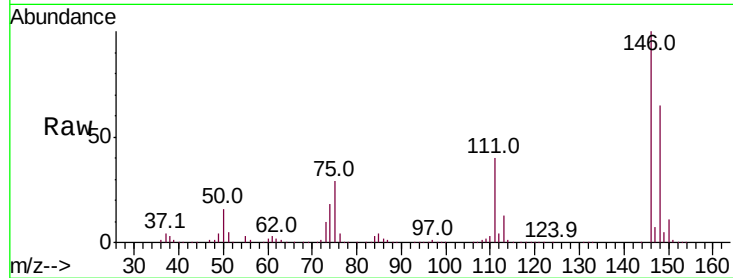
#13
 1,4-Dichlorobenzene
 Concen: 39.539 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampled :
 PB116493BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.0	78.0
111	39.8	31.2	46.8

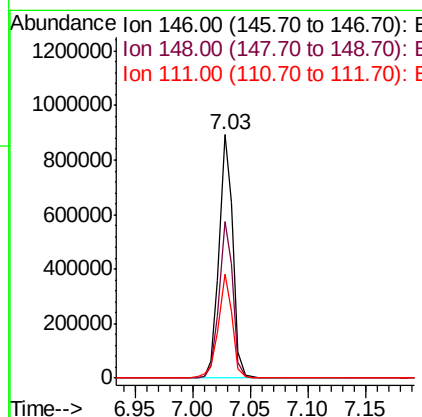
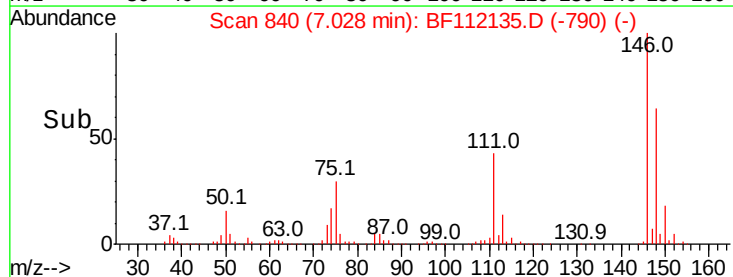
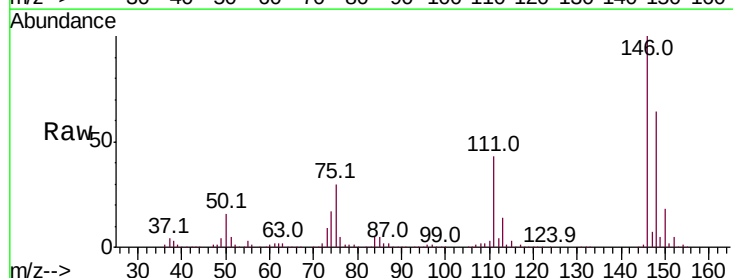
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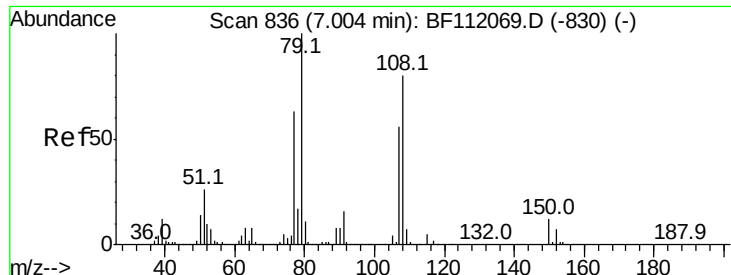
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#14
 1,2-Dichlorobenzene
 Concen: 40.253 ng
 RT: 7.03 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
111	42.9	31.2	46.8





#15

Benzyl Alcohol

Concen: 42.405 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

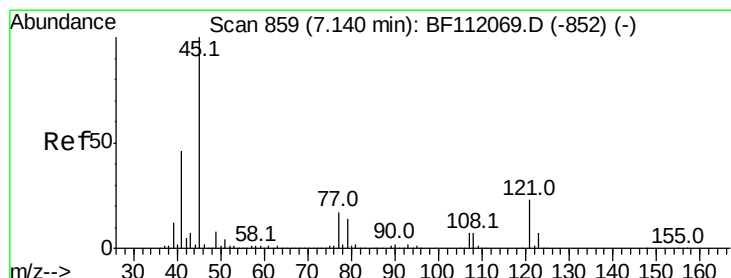
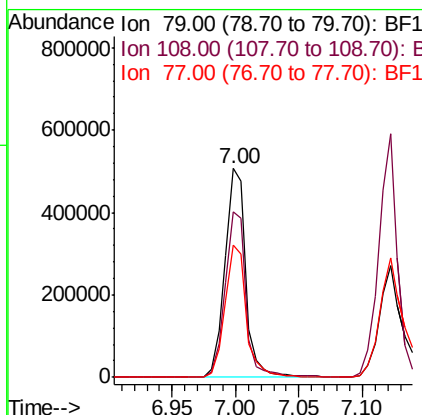
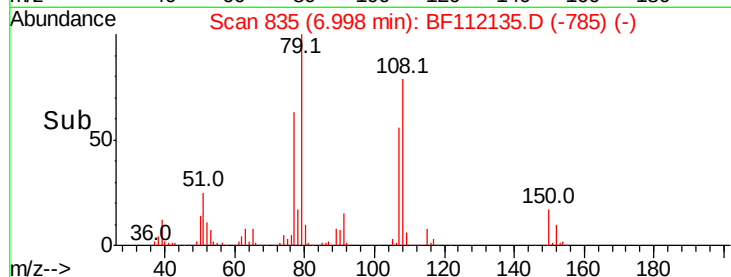
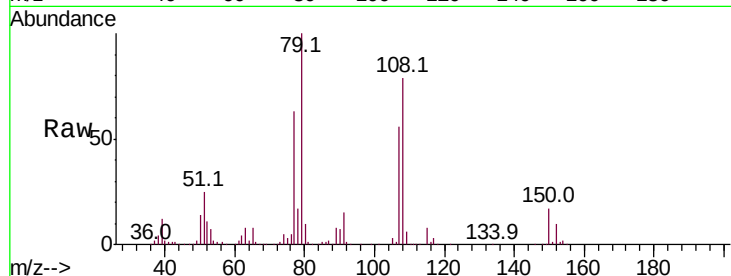
ClientSampleId :

PB116493BS

Tot Ion:	79	Resp:	576825
Ion Ratio	Lower	Upper	
79	100		
108	79.2	64.2	96.2
77	63.2	50.3	75.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.478 ng

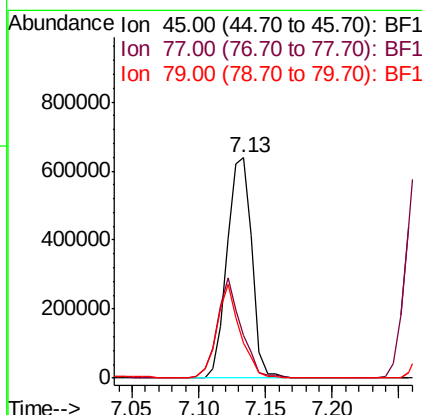
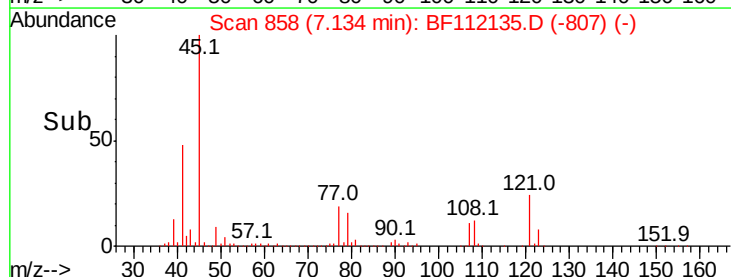
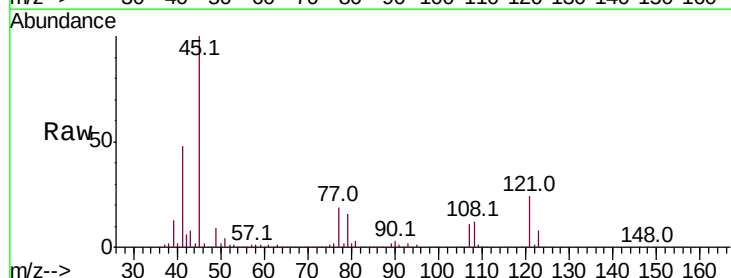
RT: 7.13 min Scan# 858

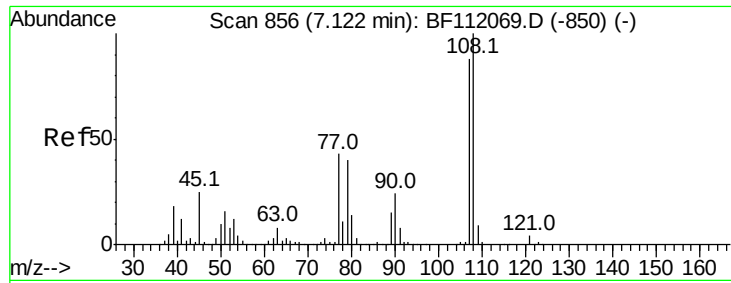
Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:	45	Resp:	834599
Ion Ratio	Lower	Upper	
45	100		
77	19.2	0.0	36.9
79	16.0	0.0	34.0





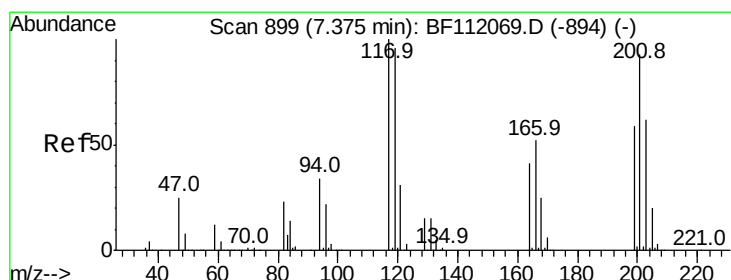
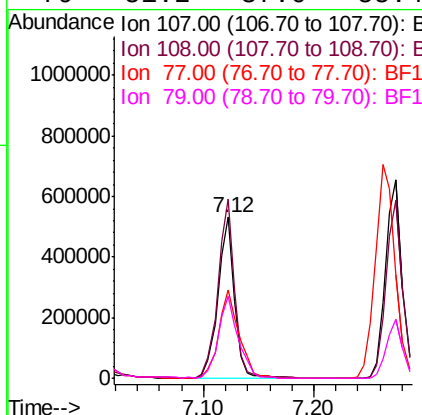
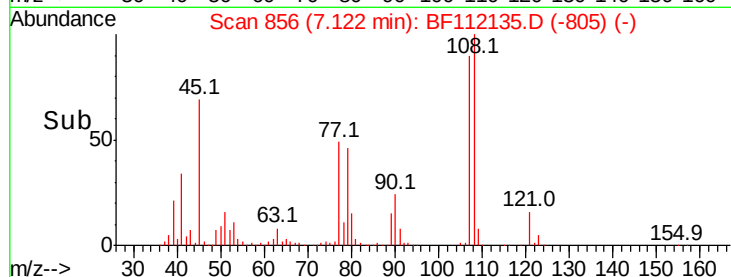
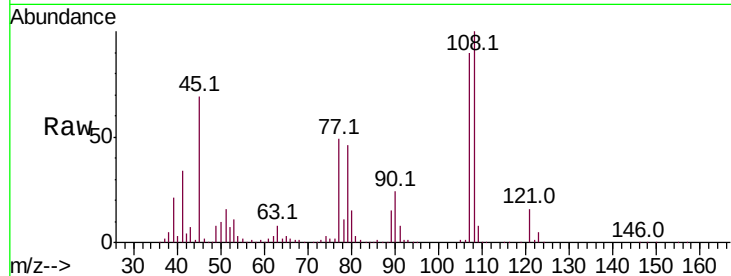
#17
2-Methylphenol
Concen: 43.622 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleID :
PB116493BS

Tot Ion	107	Resp	555229
Ion Ratio	Lower	Upper	
107	100		
108	111.0	91.3	136.9
77	54.6	39.0	58.6
79	51.2	37.0	55.4

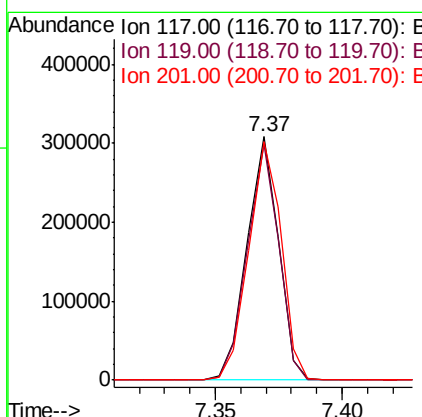
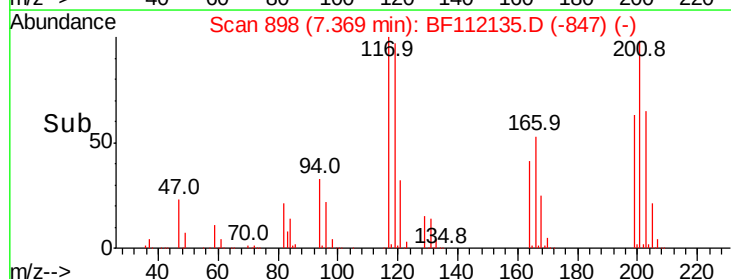
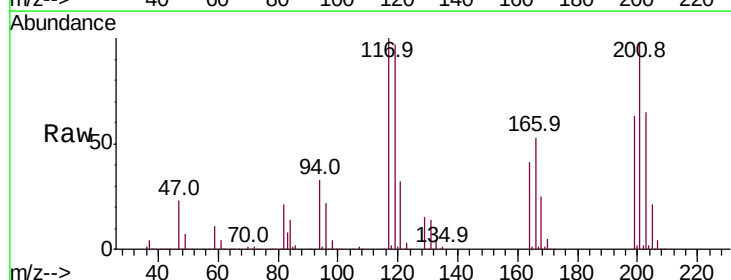
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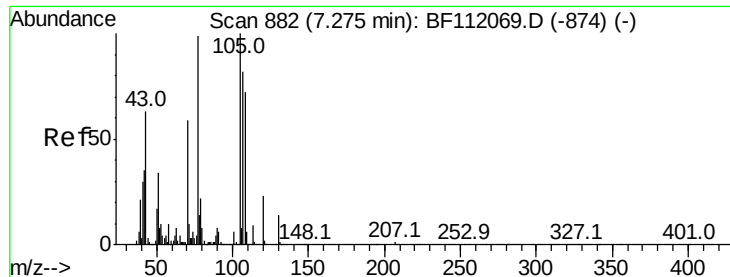
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#18
Hexachloroethane
Concen: 40.450 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	117	Resp	267107
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.0	115.4
201	98.0	74.1	111.1





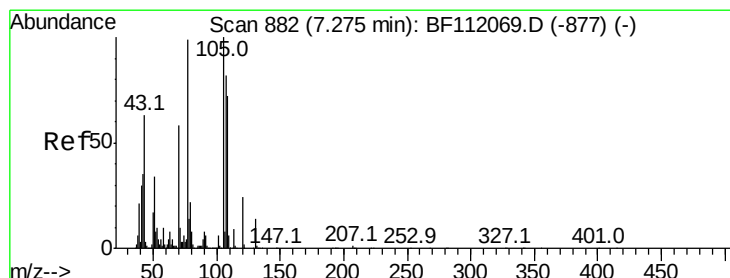
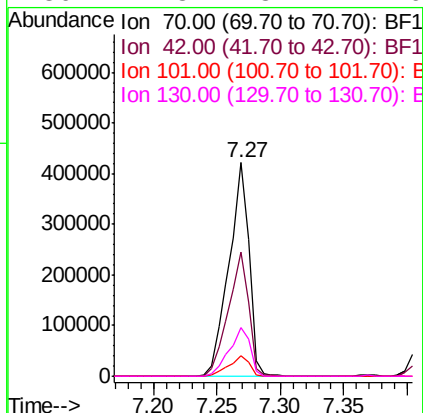
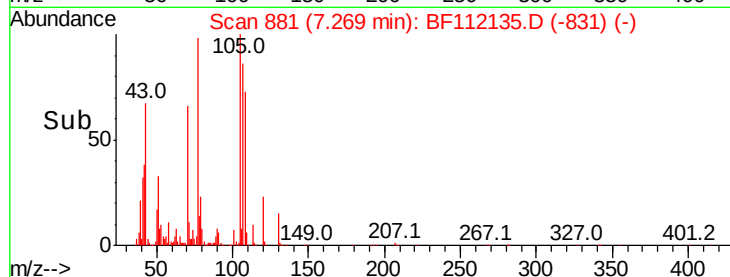
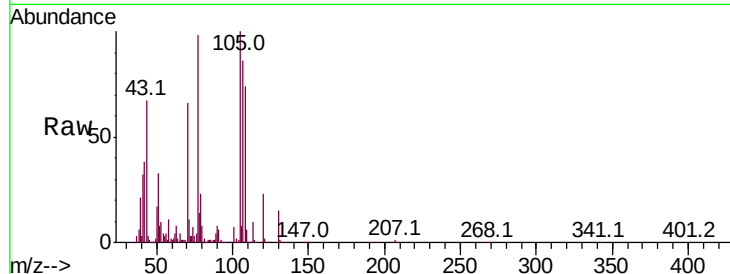
#19
n-Nitroso-di-n-propylamine
Concen: 41.584 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.6	71.4
101	9.9	7.9	11.9
130	22.8	18.4	27.6

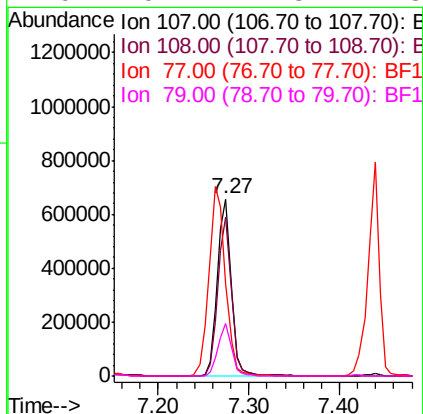
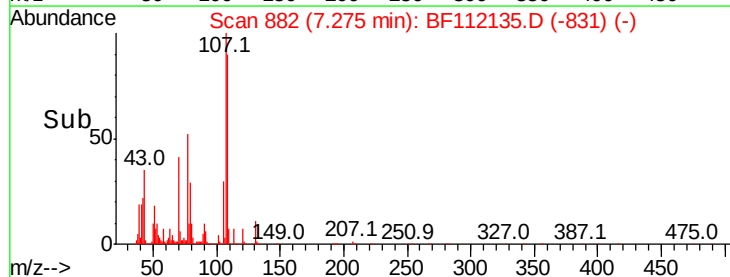
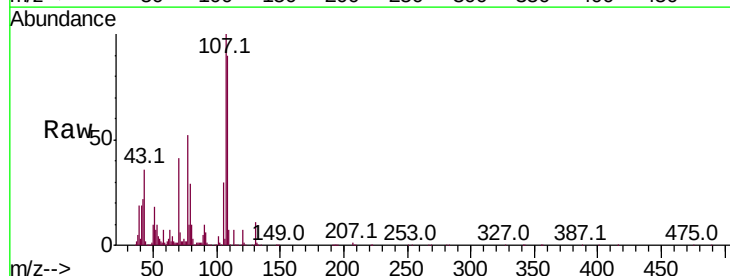
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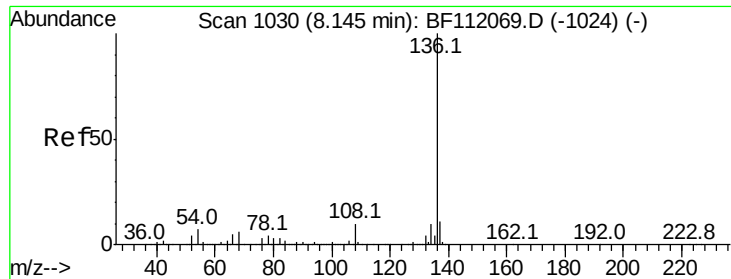
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#20
3+4-Methylphenols
Concen: 44.570 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	52.4	100.7	140.7#
79	29.4	7.3	47.3





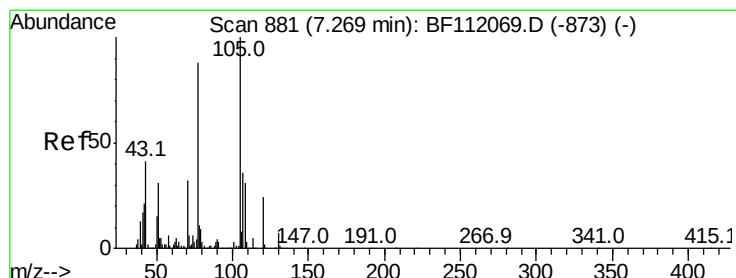
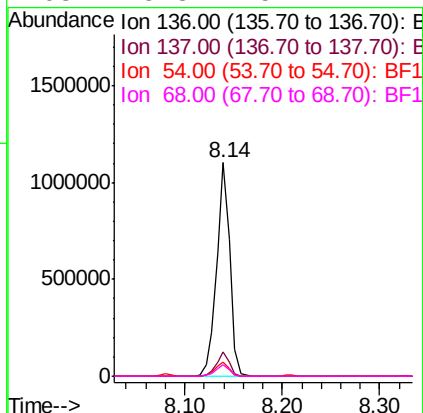
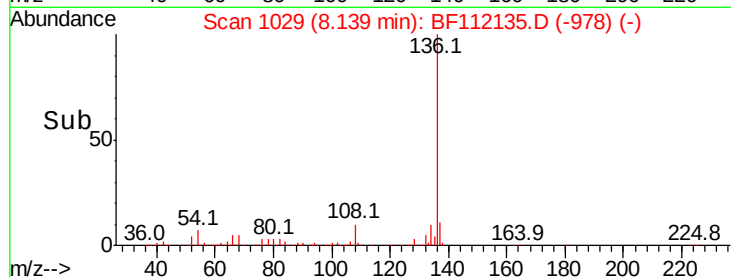
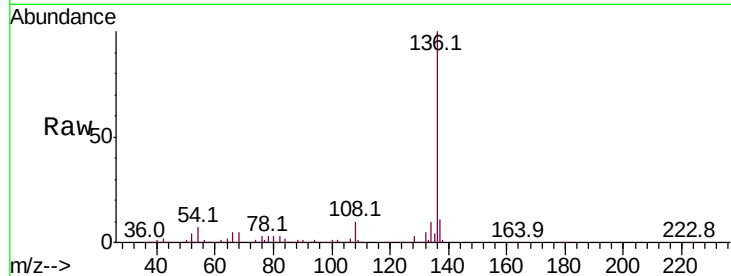
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	5.9	8.9
68	5.3	5.1	7.7

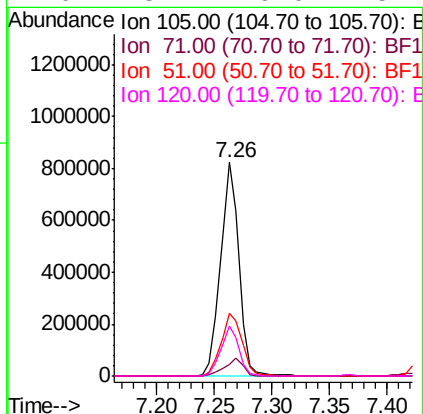
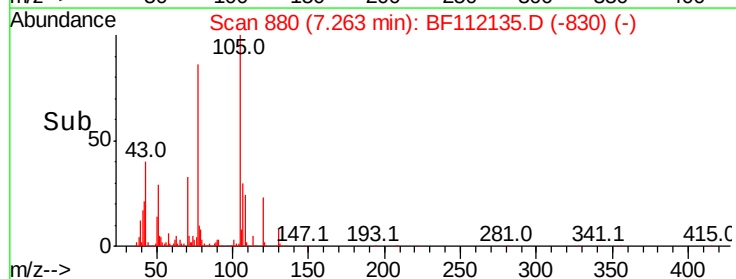
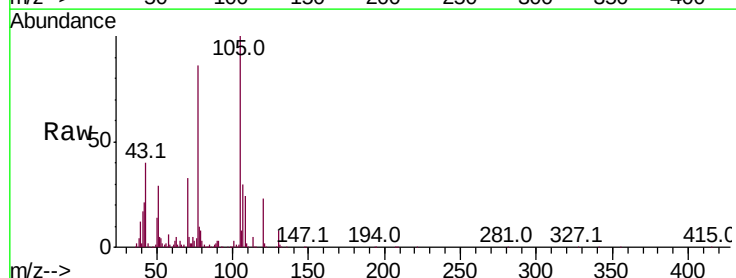
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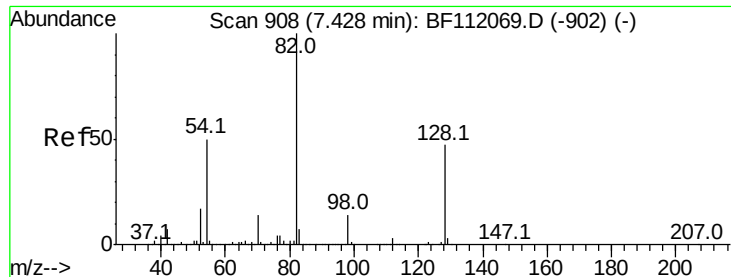
Sohil
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#22
Acetophenone
Concen: 38.081 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.6	6.8
51	29.4	25.0	37.6
120	23.1	19.0	28.4





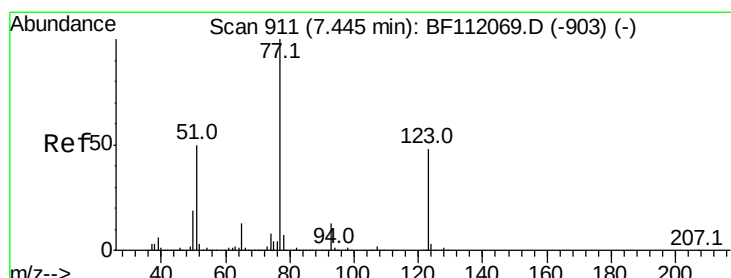
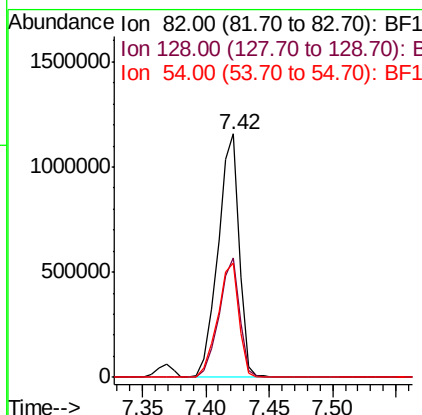
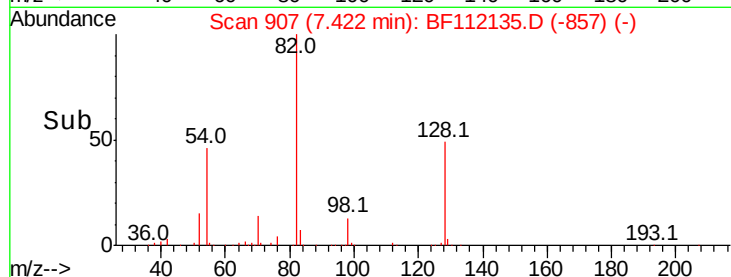
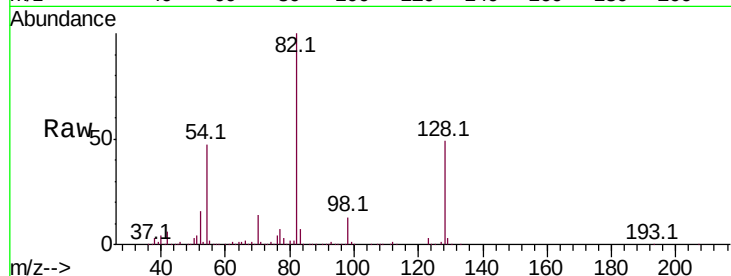
#23
Nitrobenzene-d5
Concen: 90.602 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.8	56.8
54	47.0	39.7	59.5

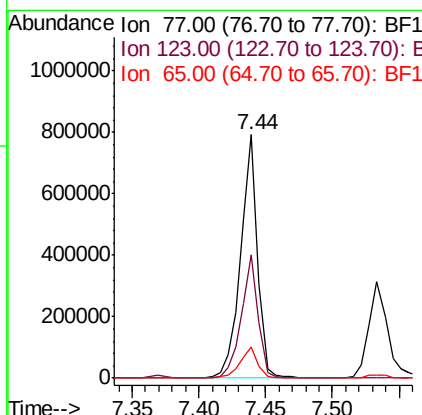
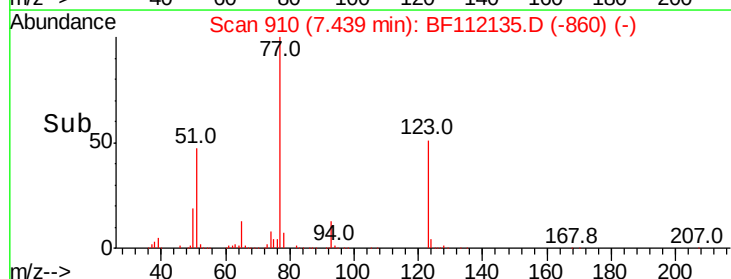
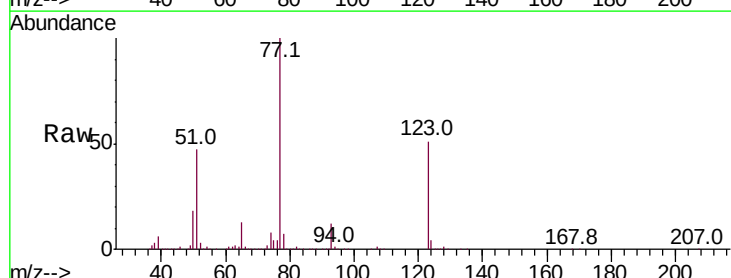
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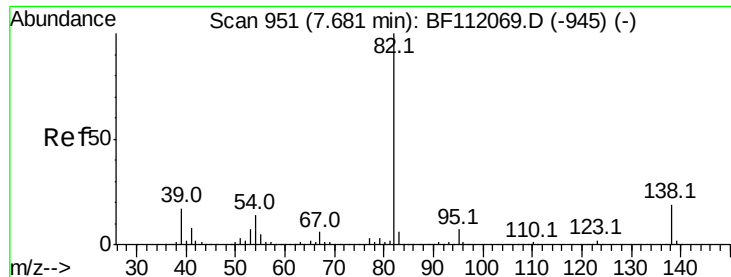
Sohil
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#24
Nitrobenzene
Concen: 44.440 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	38.4	57.6
65	13.0	10.6	15.8





#25

Isophorone

Concen: 43.884 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

Tot Ion: 82 Resp: 1261952

Ion Ratio Lower Upper

82 100

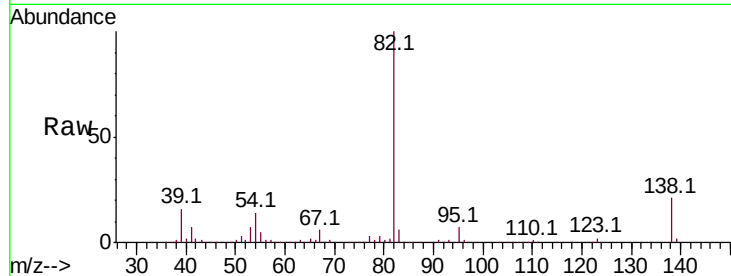
95 7.4 5.7 8.5

138 21.0 15.4 23.0

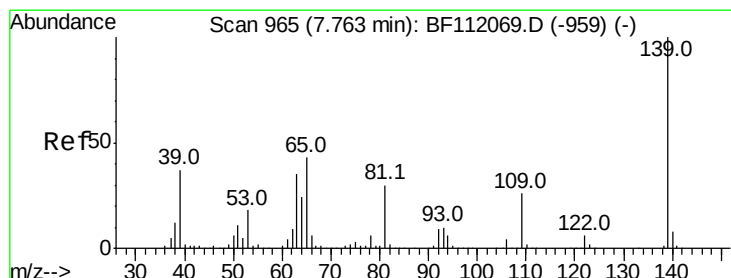
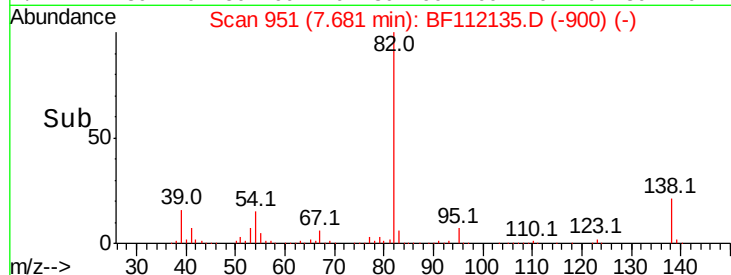
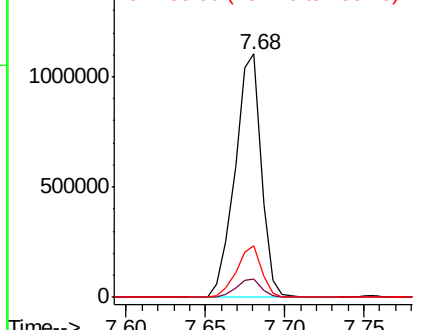
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.122 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

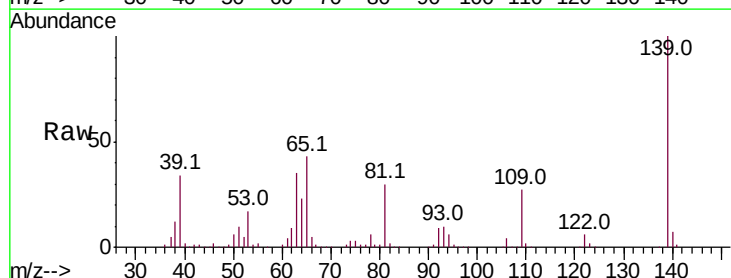
Tgt Ion: 139 Resp: 380939

Ion Ratio Lower Upper

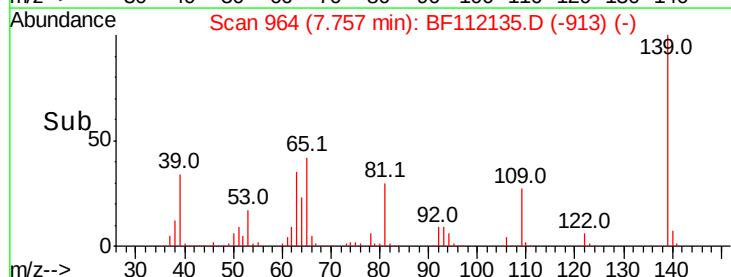
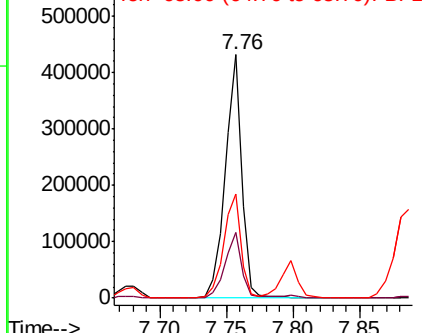
139 100

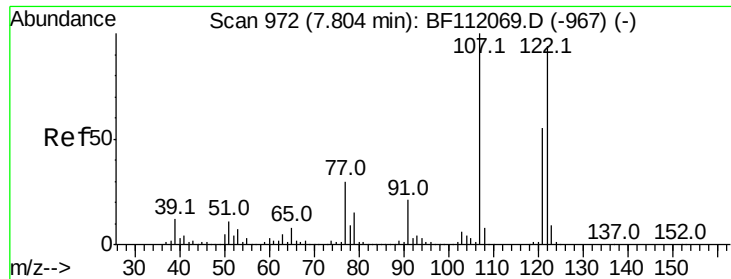
109 27.0 20.8 31.2

65 42.7 34.4 51.6



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





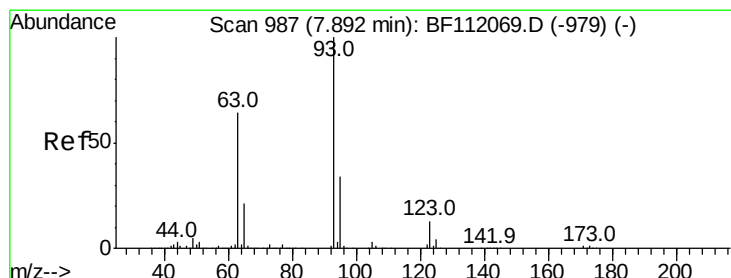
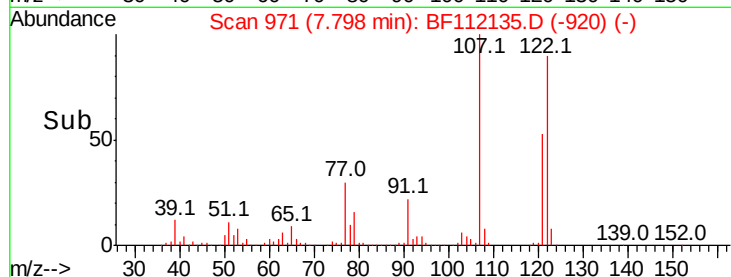
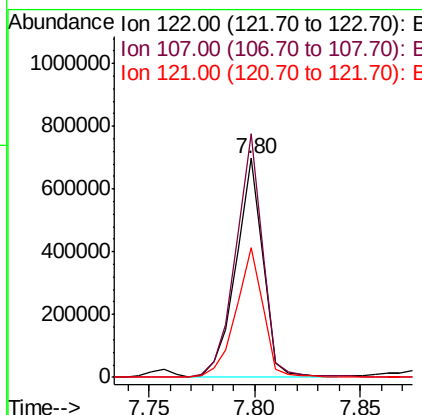
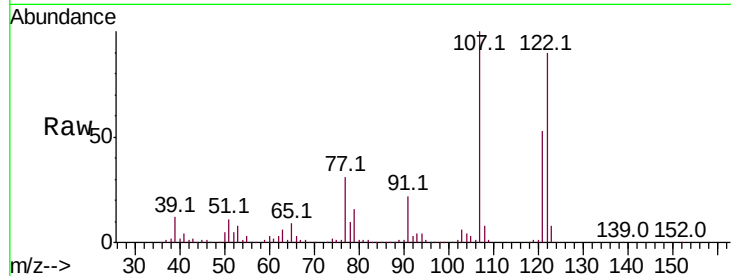
#27
2,4-Dimethylphenol
Concen: 46.200 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	616697		
107	111.1	85.4	128.0	
121	59.3	47.0	70.4	

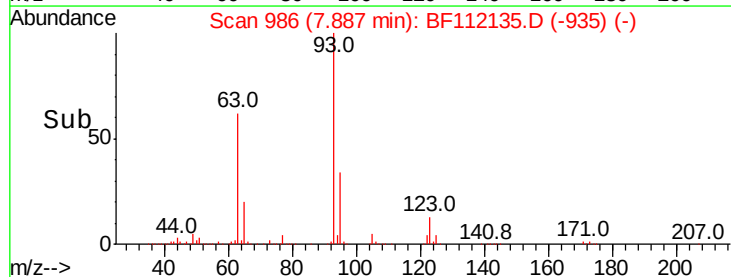
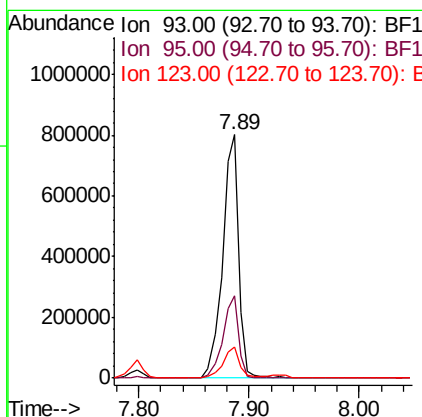
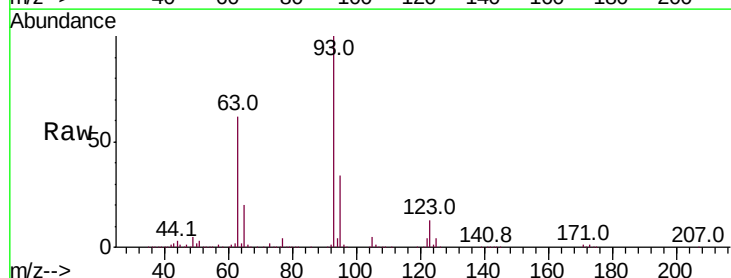
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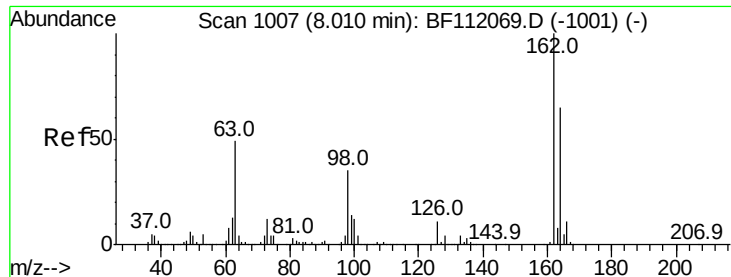
Sohil
1/21/2019 12:00:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.969 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	808140		
95	33.7	26.8	40.2	
123	12.8	10.2	15.2	





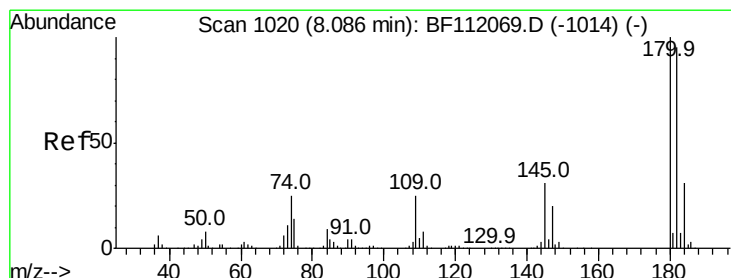
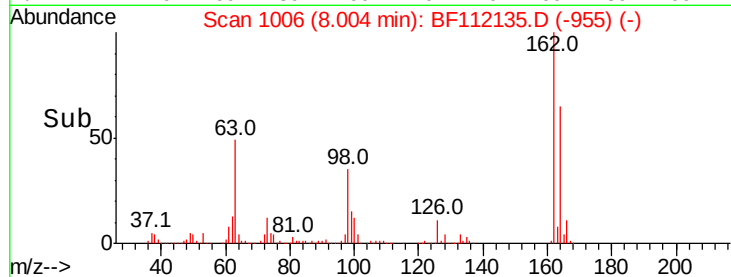
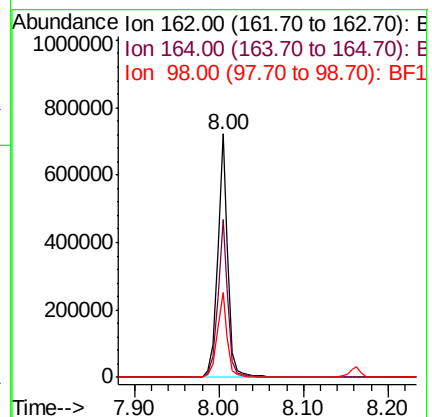
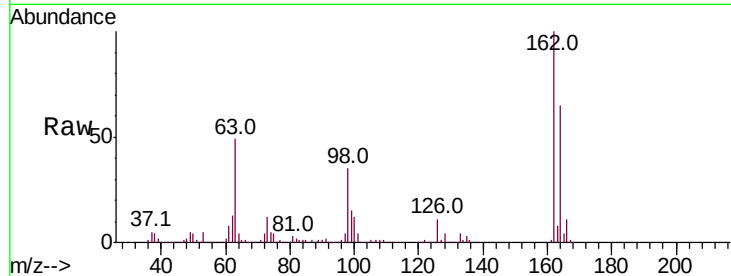
#29
2,4-Dichlorophenol
Concen: 42.680 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleID :
PB116493BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	622359		
164	64.6		44.6	84.6
98	35.0		14.6	54.6

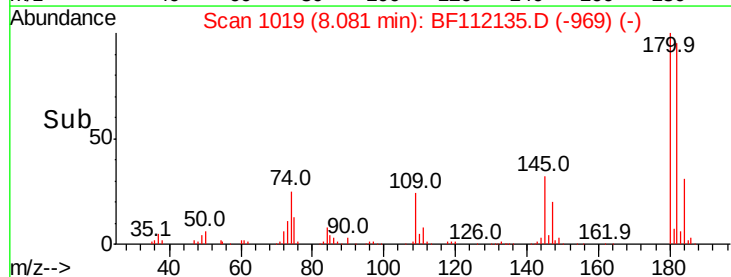
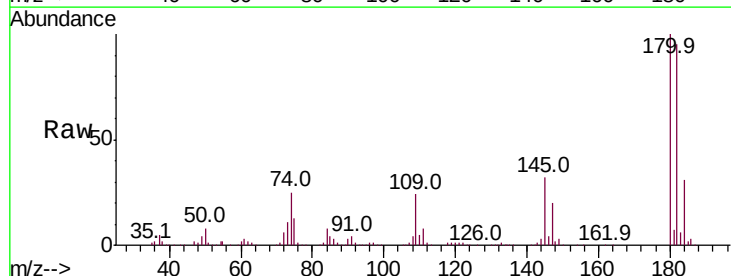
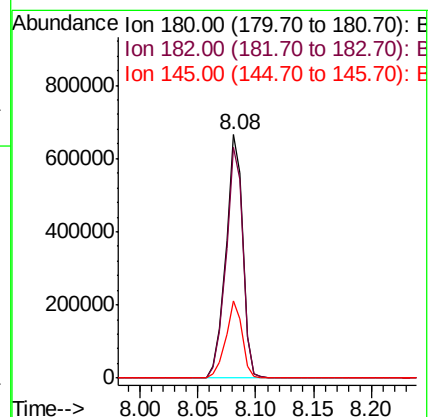
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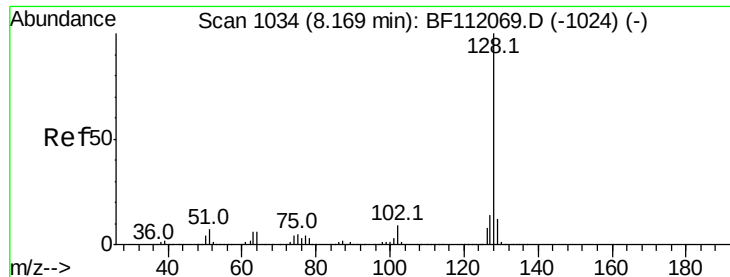
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#30
1,2,4-Trichlorobenzene
Concen: 39.873 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	674749		
182	94.6		76.4	114.6
145	31.7		25.0	37.4





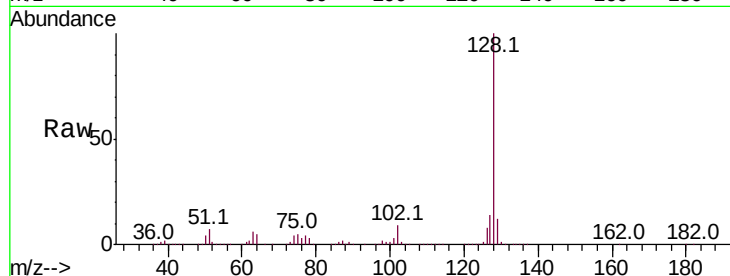
#31
Naphthalene
Concen: 42.994 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.2	11.1	16.7

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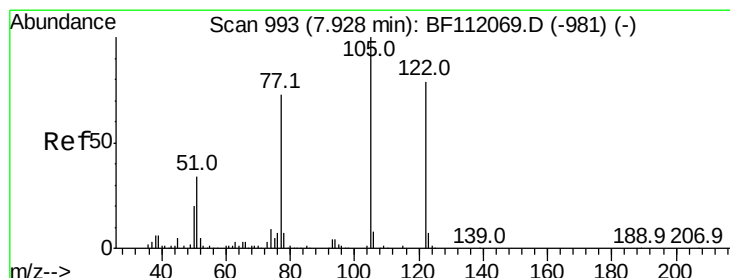
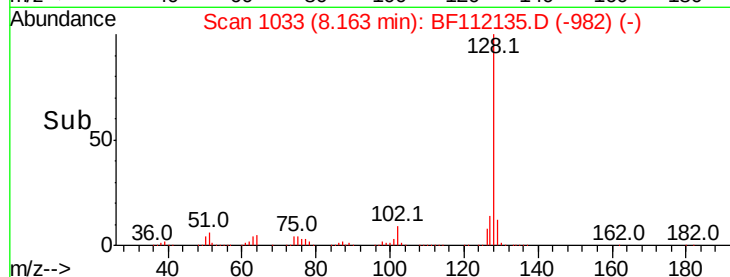
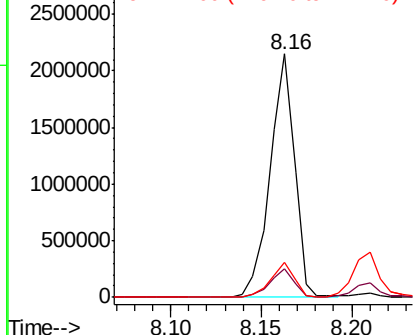


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.252 ng m
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

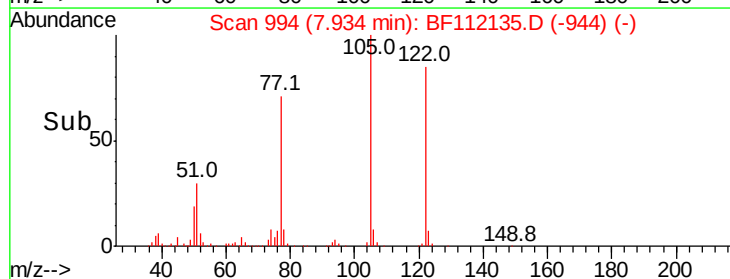
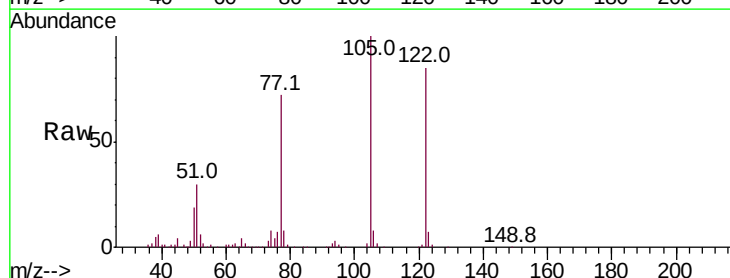
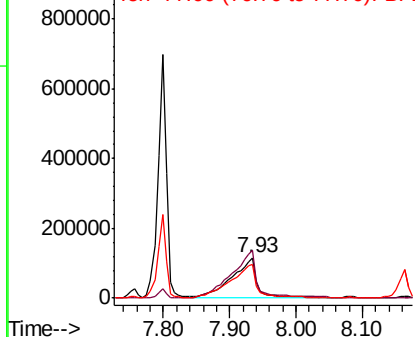
Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	101.2	141.2
77	84.4	70.4	110.4

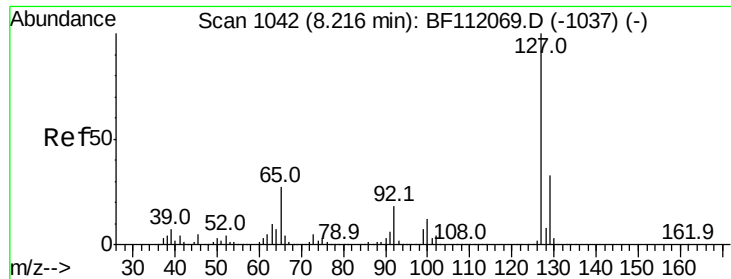
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





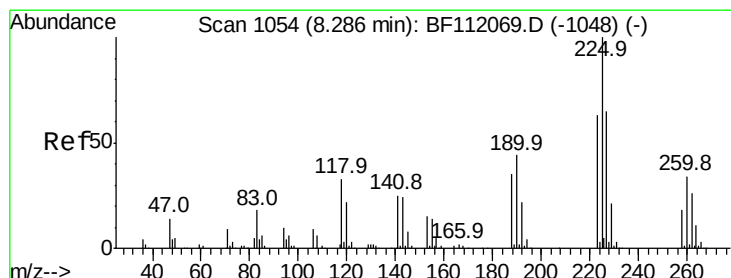
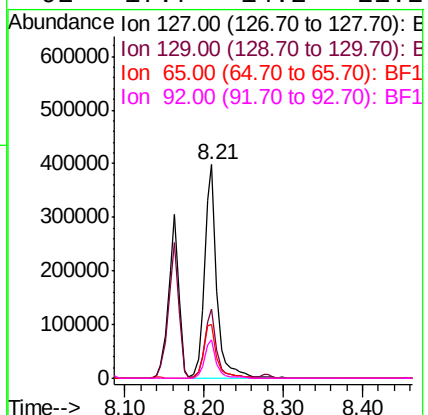
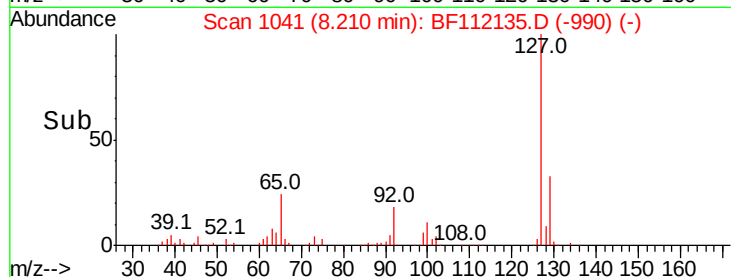
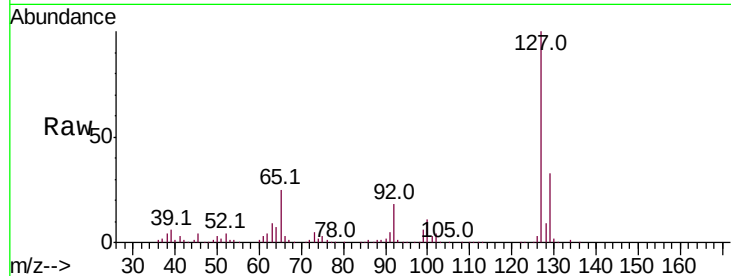
#33
 4-Chloroaniline
 Concen: 20.505 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	39.8
65	25.4	21.4	32.2
92	17.7	14.2	21.2

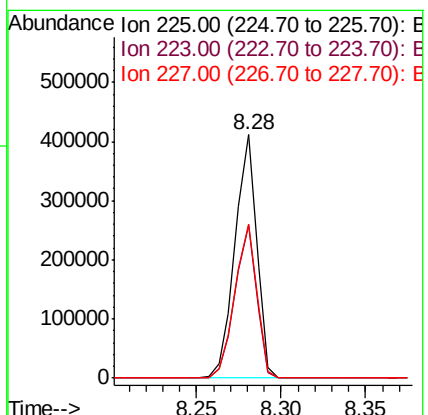
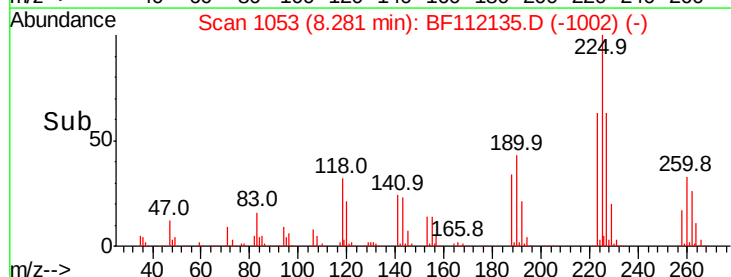
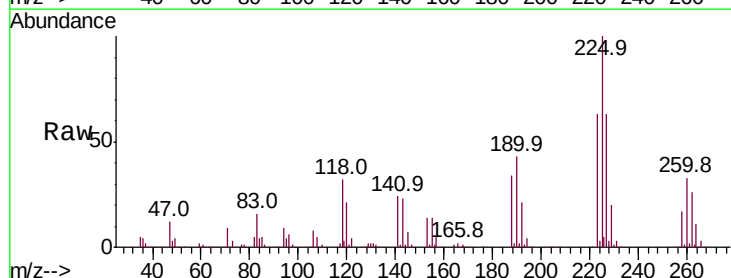
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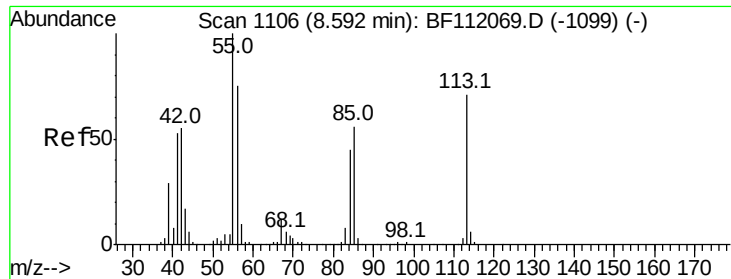
Sohil
 1/21/2019 12:00:59 PM



#34
 Hexachlorobutadiene
 Concen: 39.219 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.3	75.5
227	63.3	51.8	77.8





#35

Caprolactam

Concen: 39.122 ng/ml

RT: 8.58 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleID :

PB116493BS

Tot Ion:113 Resp: 199665

Ion Ratio Lower Upper

113 100

55 136.7 121.6 161.6

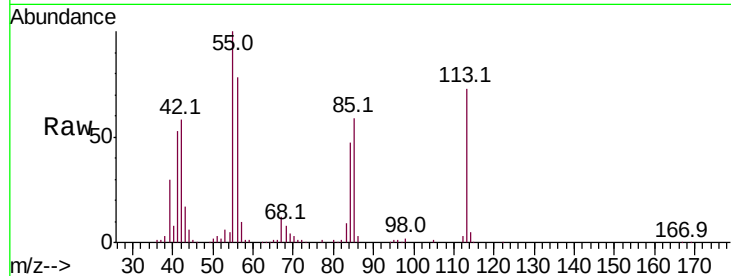
56 106.4 86.7 126.7

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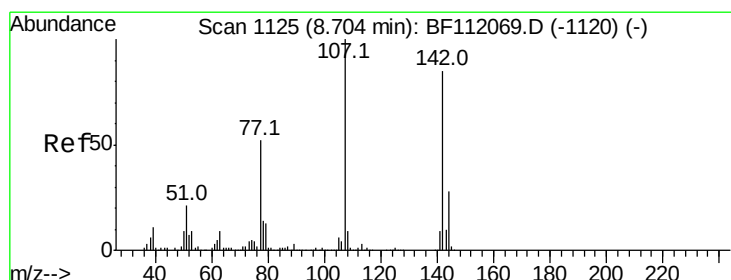
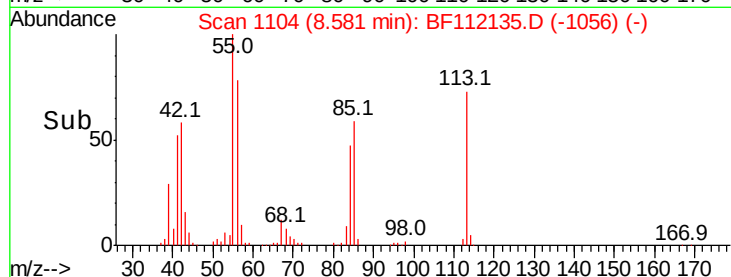
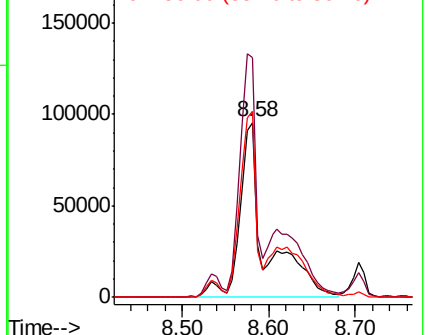
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.257 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

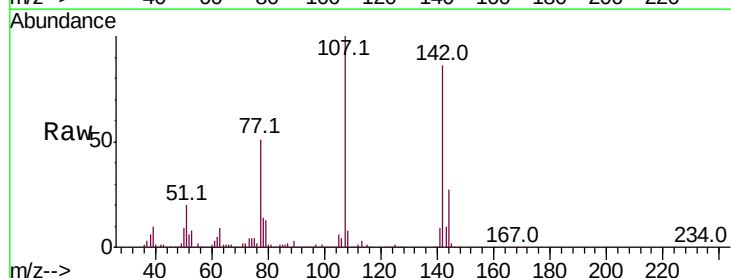
Tgt Ion:107 Resp: 616066

Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.2

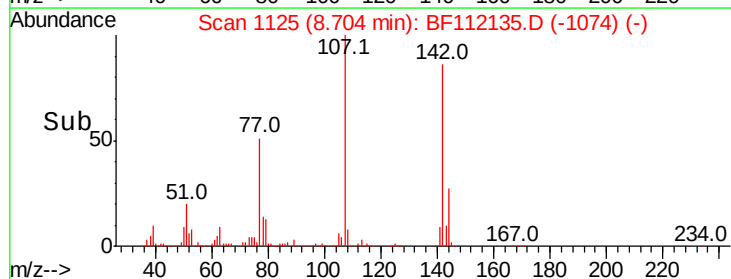
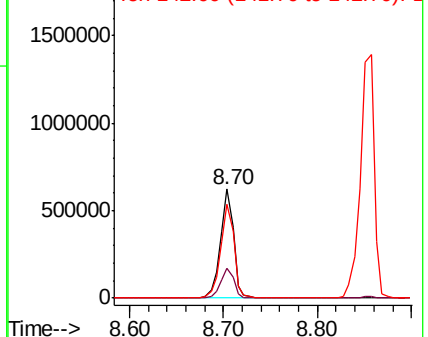
142 85.9 67.7 101.5

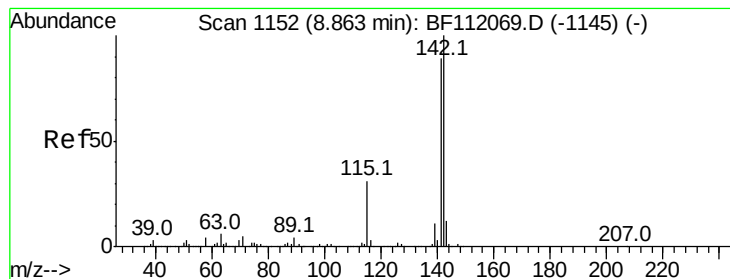


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





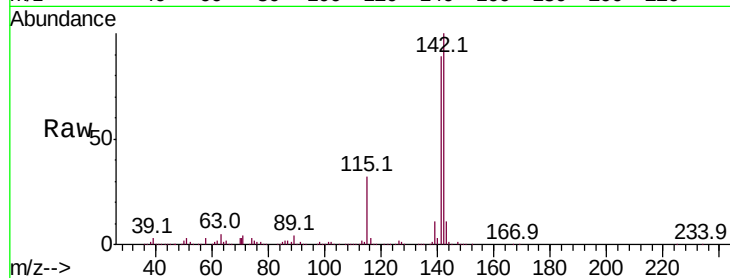
#37
2-Methylnaphthalene
Concen: 45.041 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

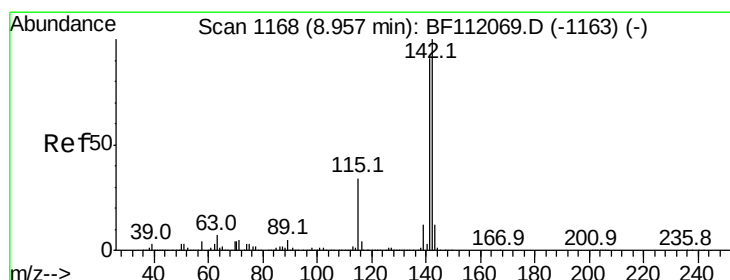
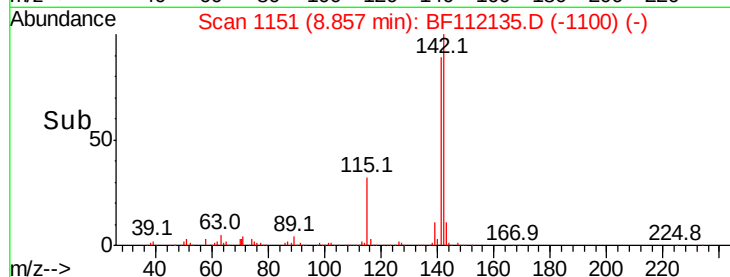
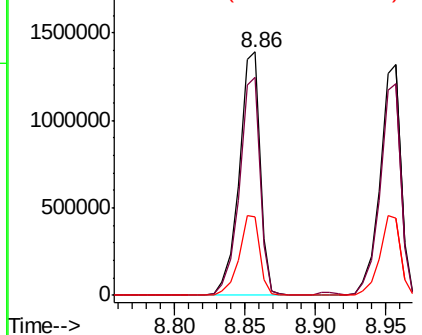
Tot Ion:142 Resp: 1430903
Ion Ratio Lower Upper
142 100
141 89.5 70.9 106.3
115 32.4 24.9 37.3

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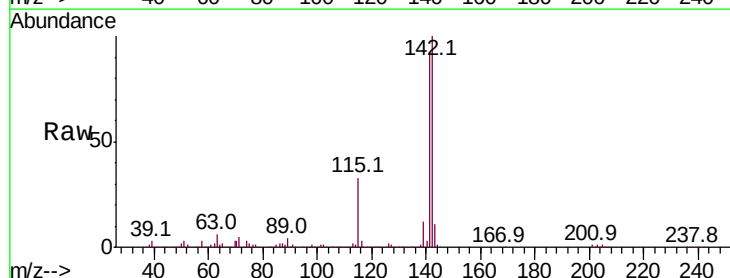


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

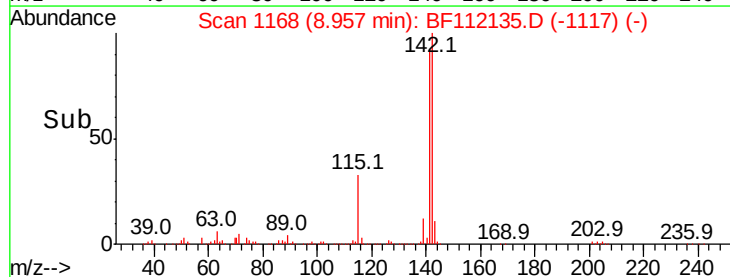
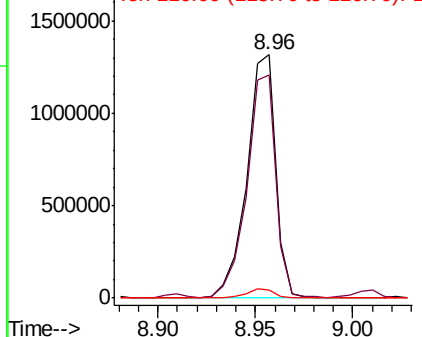


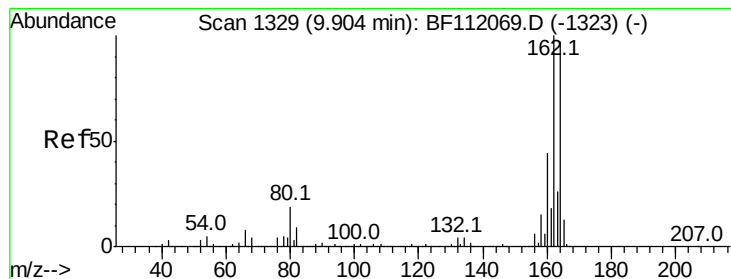
#38
1-Methylnaphthalene
Concen: 43.913 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:142 Resp: 1340742
Ion Ratio Lower Upper
142 100
141 91.8 72.6 108.8
116 3.3 2.8 4.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

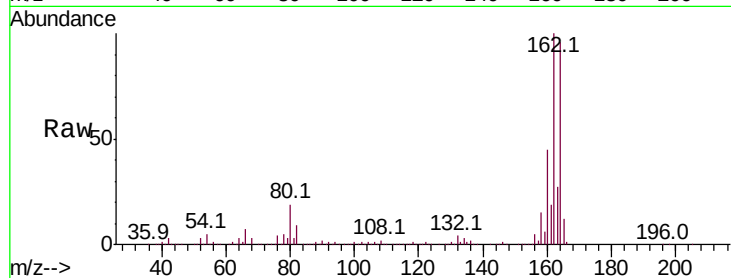
ClientSampleId :

PB116493BS

Tot Ion:	164	Resp:	518486
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.2	123.4
160	46.4	36.2	54.4

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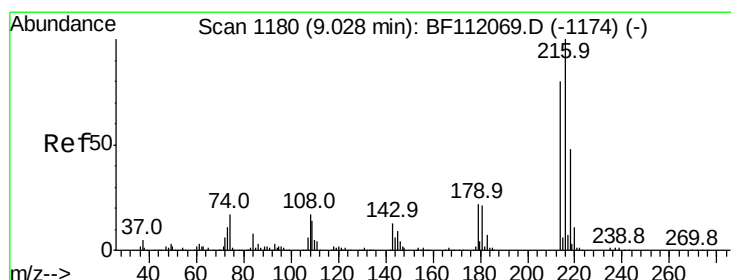
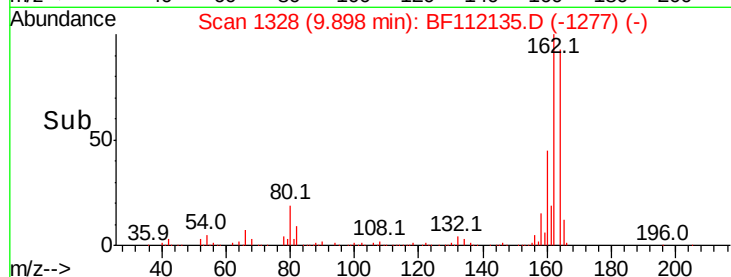
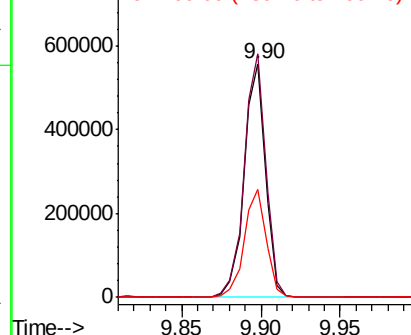


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.111 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:	216	Resp:	667816
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.8	95.6
179	21.7	16.9	25.3
108	18.2	14.2	21.4

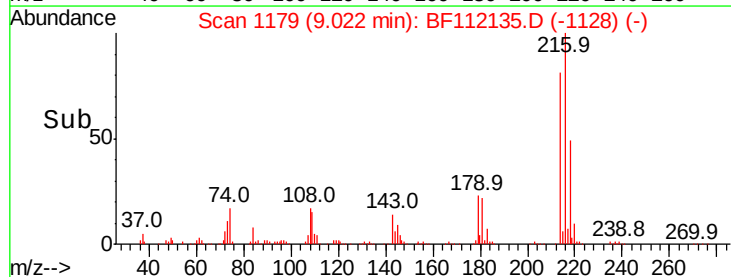
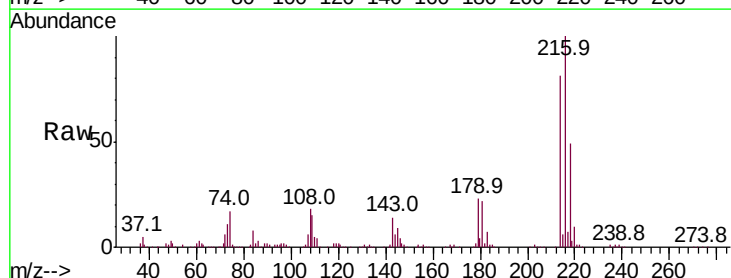
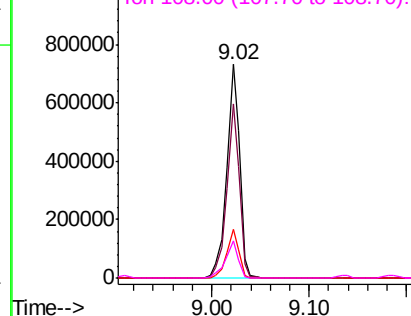
Abundance

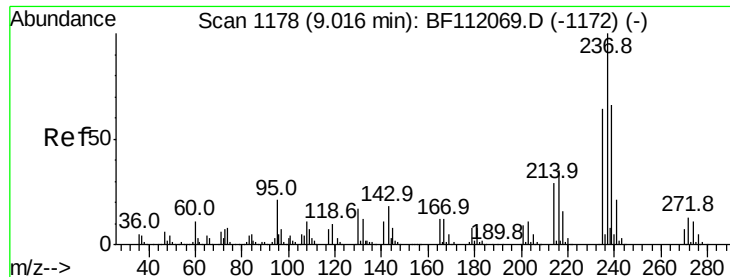
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 49.080 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

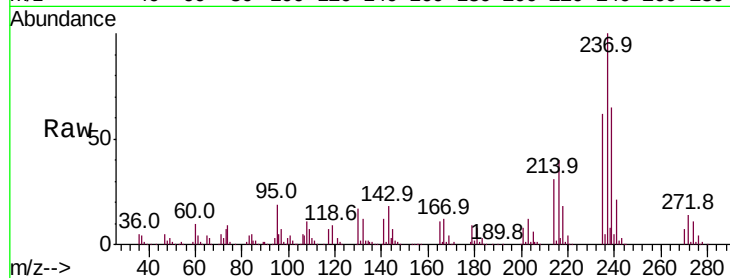
ClientSampleId :

PB116493BS

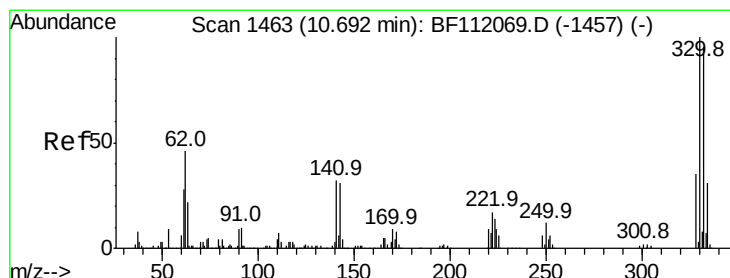
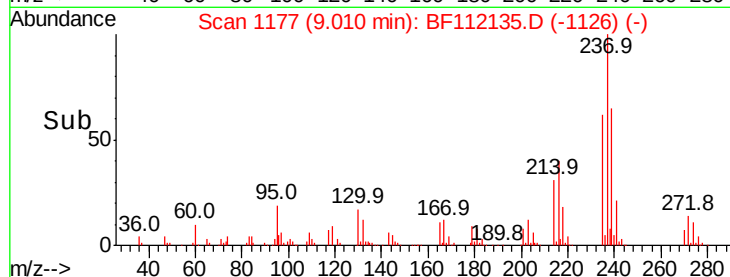
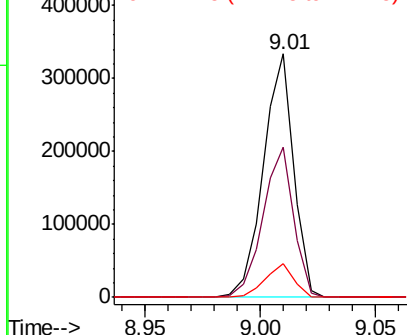
Tot Ion	Ratio	Resp	Lower	Upper
237	100	304088		
235	61.6	44.0	84.0	
272	13.8	0.0	33.3	

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



#42

2,4,6-Tribromophenol

Concen: 128.301 ng

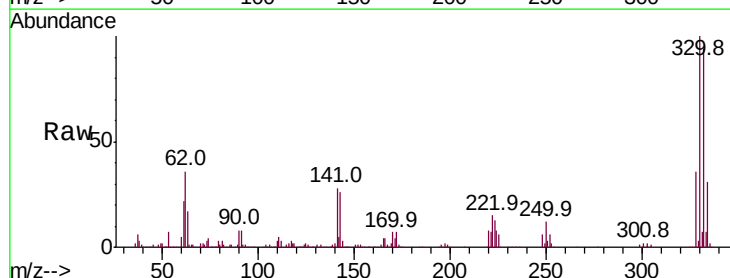
RT: 10.69 min Scan# 1463

Delta R.T. 0.00 min

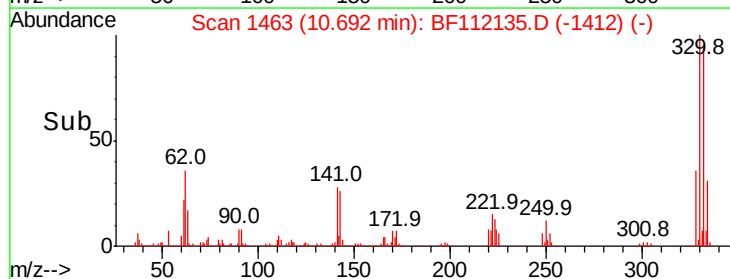
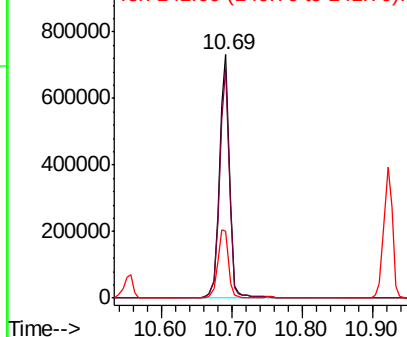
Lab File: BF112135.D

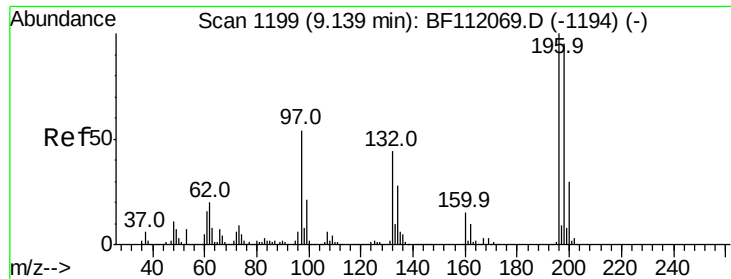
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	717627		
332	94.0	76.6	114.8	
141	30.6	24.3	36.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





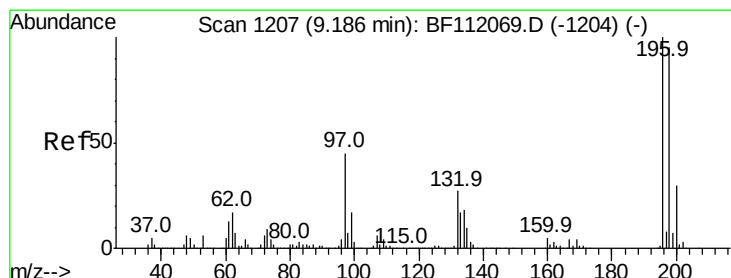
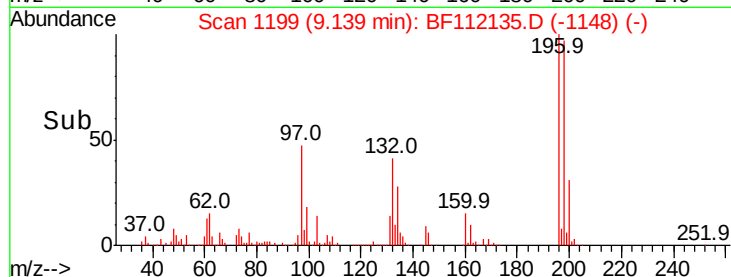
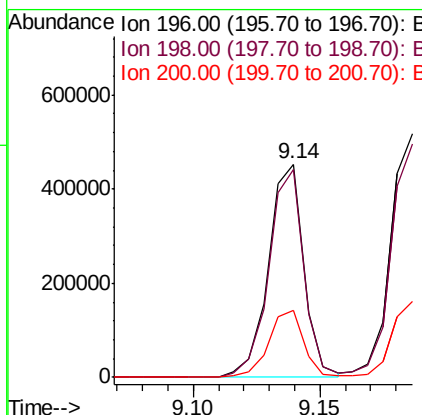
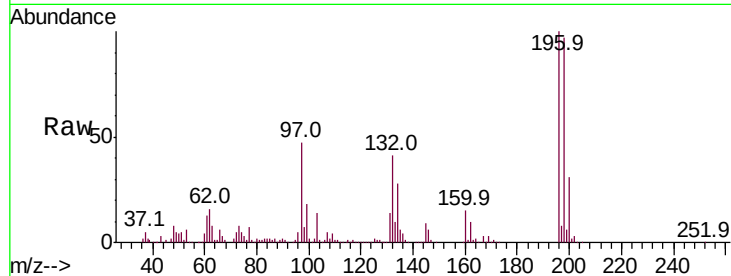
#43
 2,4,6-Trichlorophenol
 Concen: 43.991 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	438151		
198	97.4	76.2	114.4	
200	31.2	24.3	36.5	

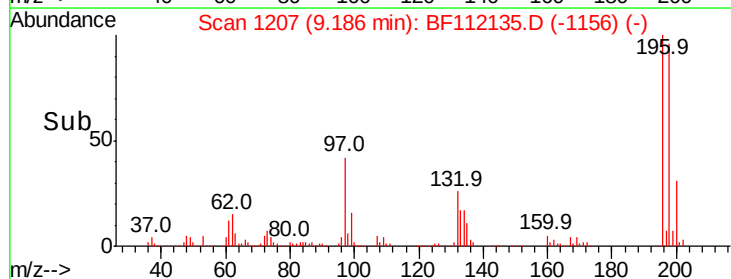
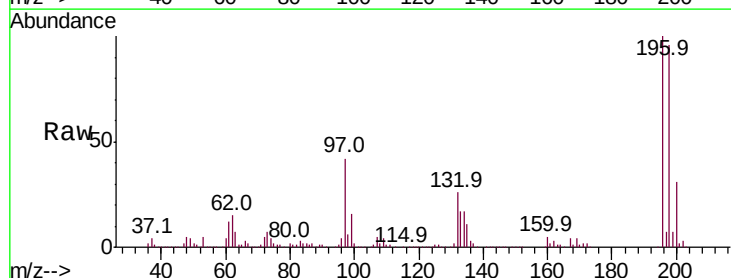
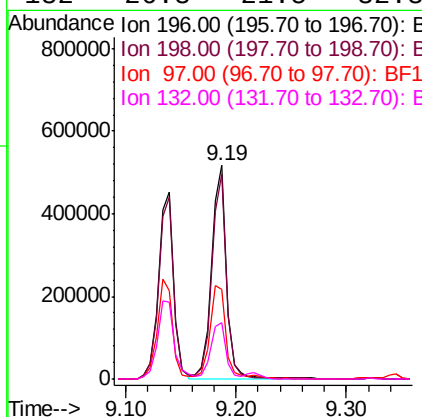
Manual Integrations
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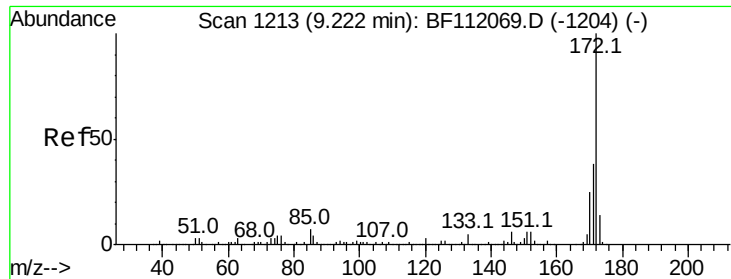
Sohil
 1/21/2019 12:00:59 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.380 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	470779		
198	96.0	76.0	114.0	
97	41.7	36.4	54.6	
132	26.3	21.5	32.3	





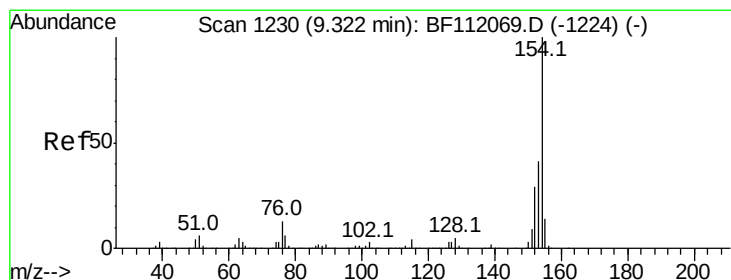
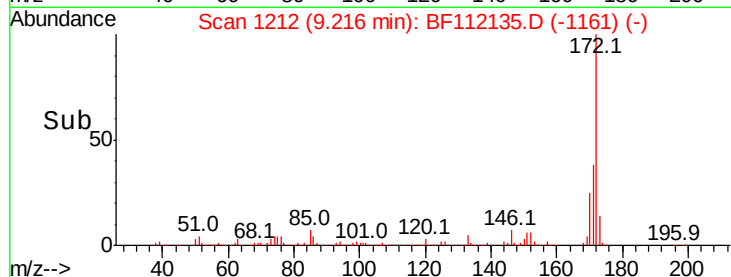
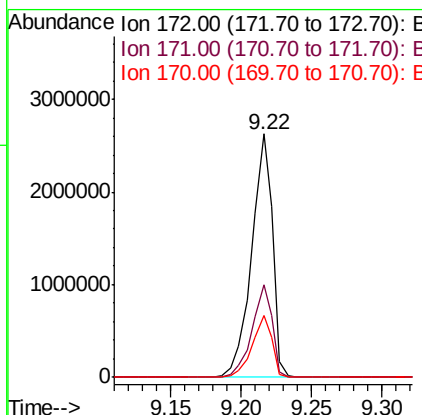
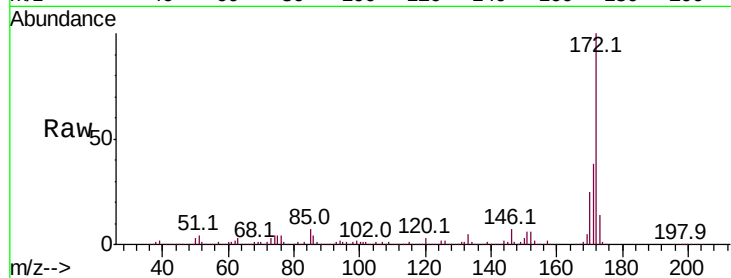
#45
2-Fluorobiphenyl
Concen: 77.179 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.5	45.7
170	25.4	20.2	30.4

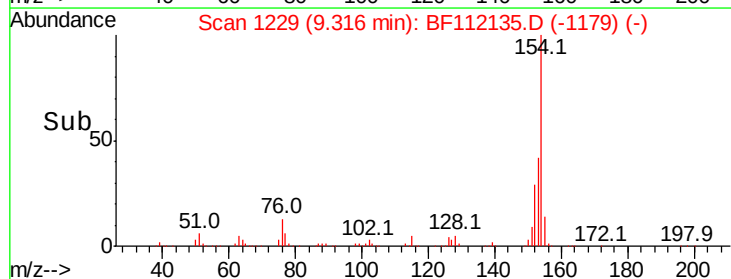
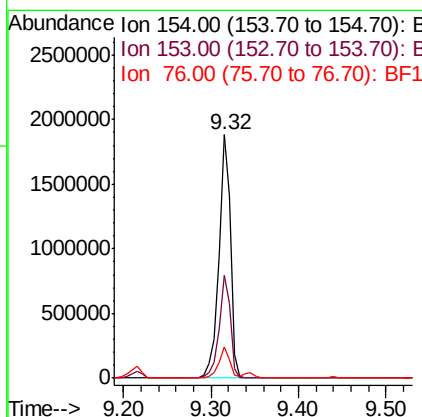
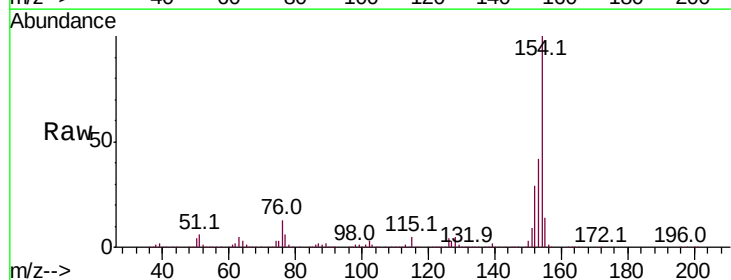
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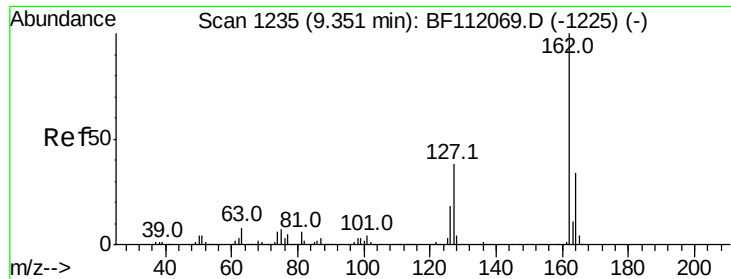
Sohil
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#46
1,1'-Biphenyl
Concen: 39.874 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.5	61.5
76	12.6	0.0	33.1





#47

2-Chloronaphthalene

Concen: 39.361 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

Tot Ion:162 Resp: 1335767

Ion Ratio Lower Upper

162 100

127 39.9 30.4 45.6

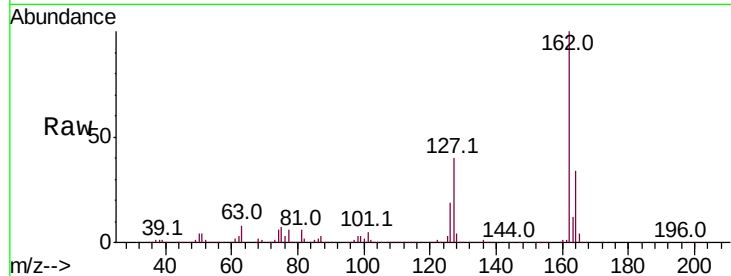
164 33.7 27.4 41.2

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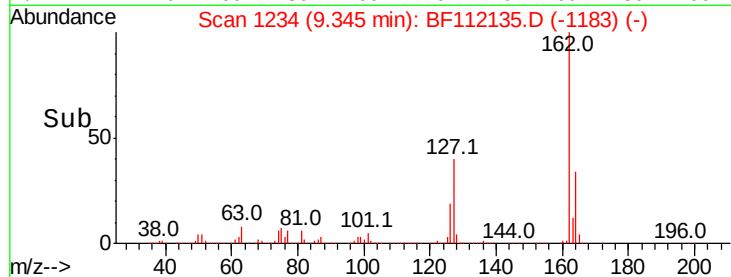
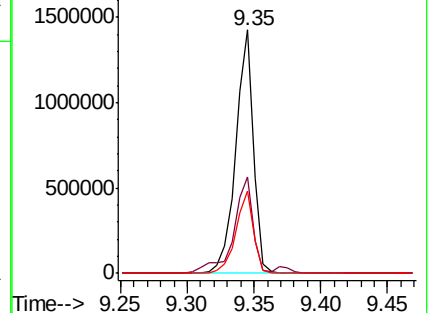
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.838 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

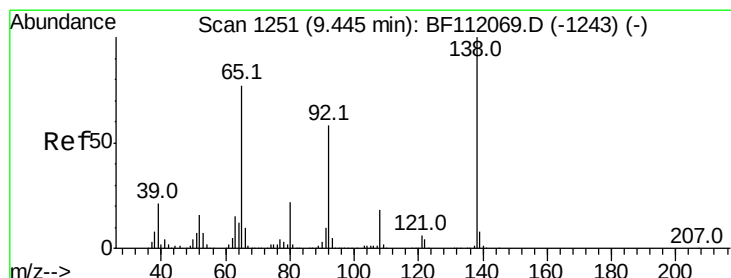
Tgt Ion: 65 Resp: 373313

Ion Ratio Lower Upper

65 100

92 73.2 60.4 90.6

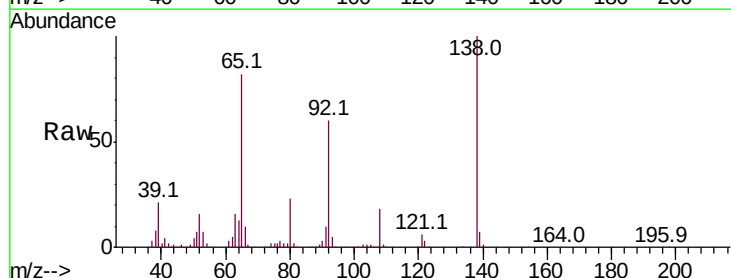
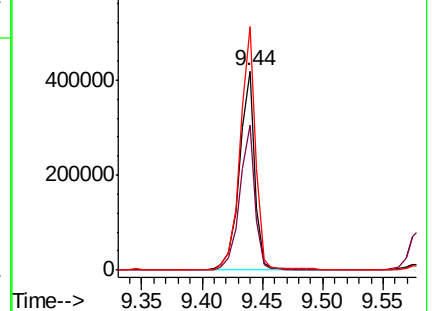
138 122.4 104.4 156.6

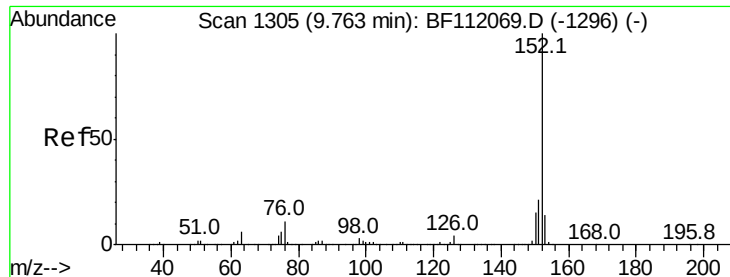


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.903 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampled :

PB116493BS

Tot Ion:152 Resp: 2124662

Ion Ratio Lower Upper

152 100

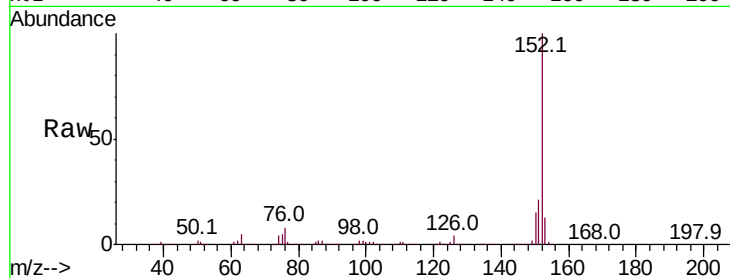
151 20.9 17.0 25.6

153 13.4 11.2 16.8

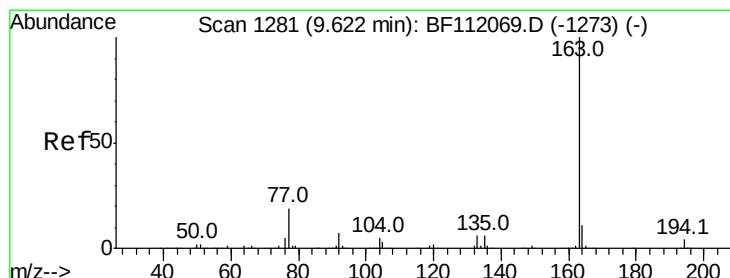
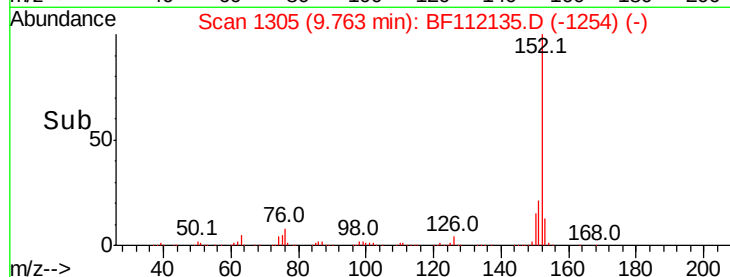
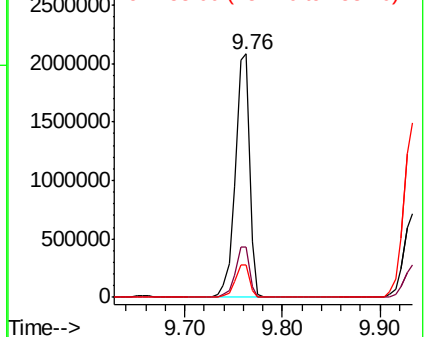
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.230 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

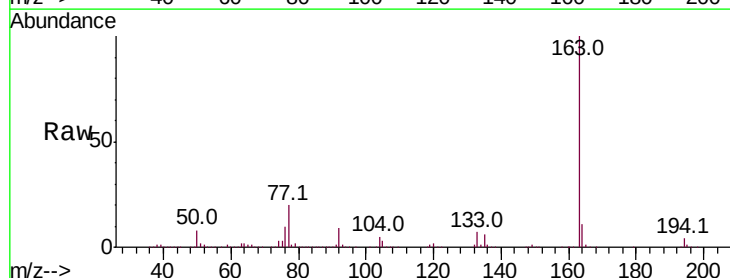
Tgt Ion:163 Resp: 1634637

Ion Ratio Lower Upper

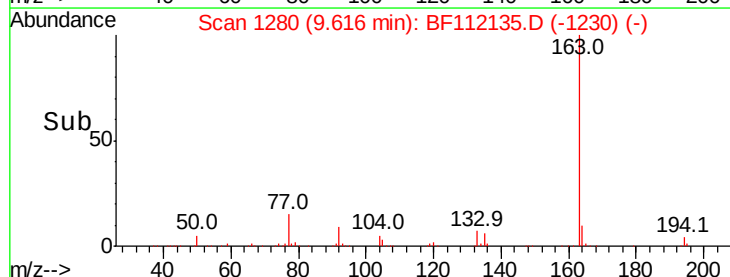
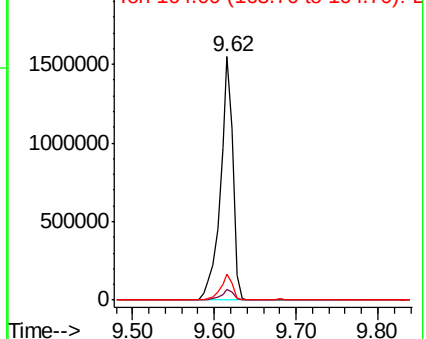
163 100

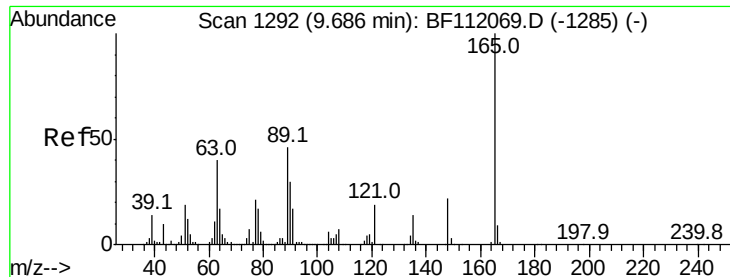
194 4.2 3.3 4.9

164 10.5 8.5 12.7



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





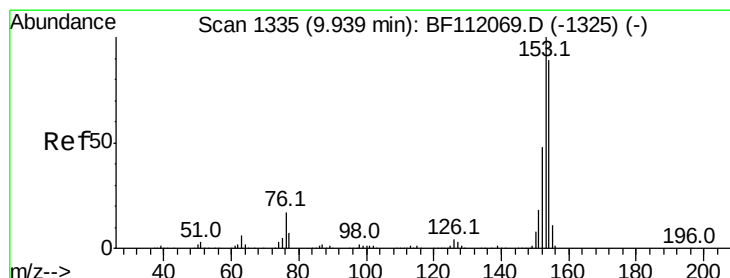
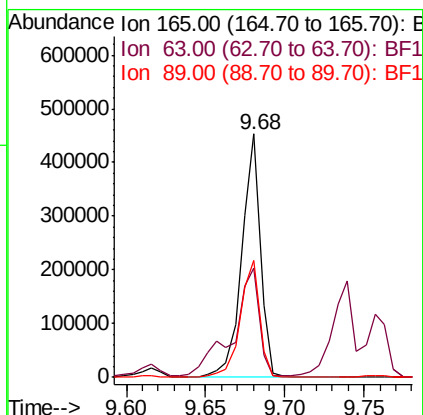
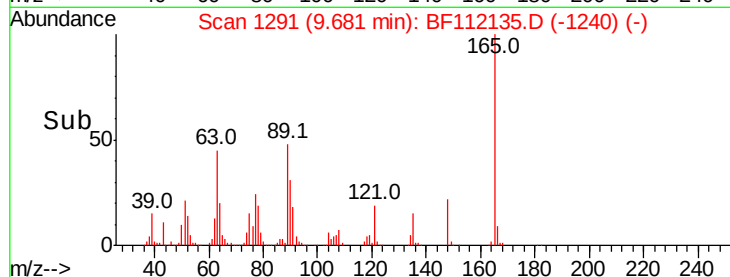
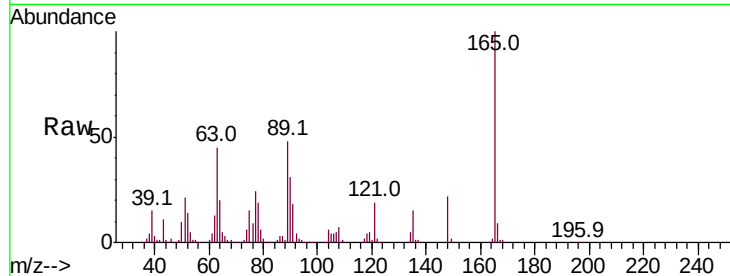
#51
2,6-Dinitrotoluene
Concen: 48.987 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	369917		
63	44.8		33.8	50.8
89	48.1		36.9	55.3

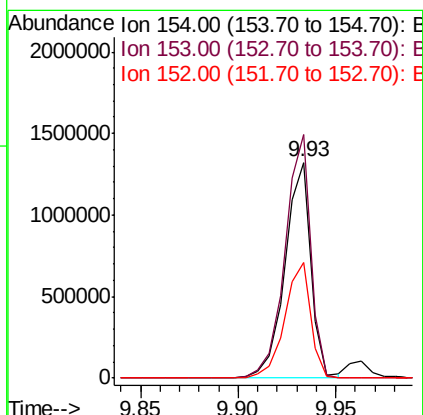
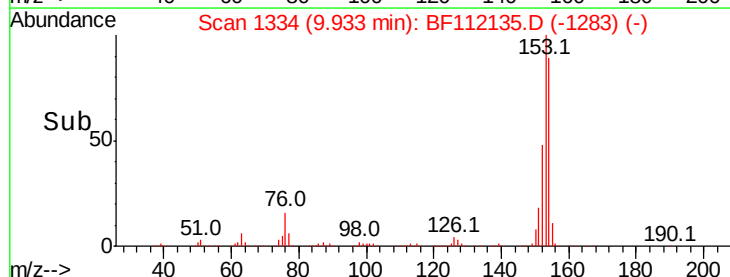
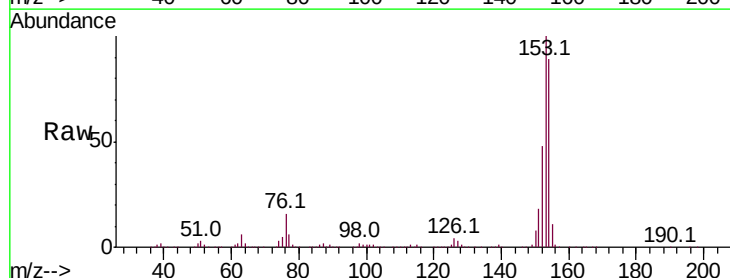
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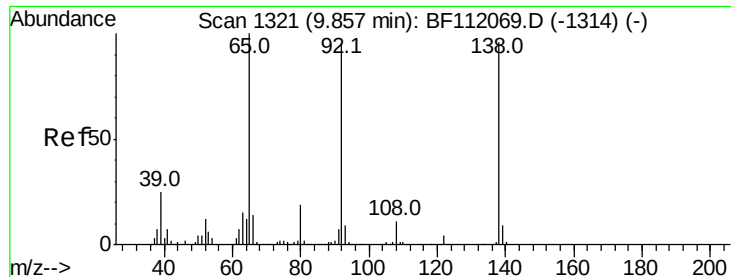
Sohil
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#52
Acenaphthene
Concen: 40.195 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1217922		
153	112.7		89.8	134.6
152	53.8		43.5	65.3





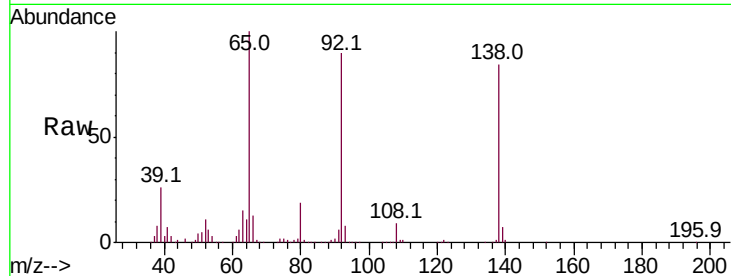
#53
3-Nitroaniline
Concen: 29.046 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

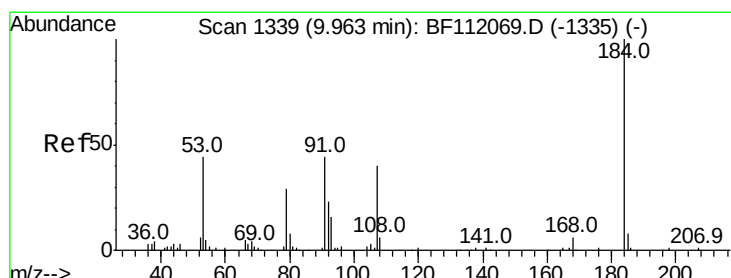
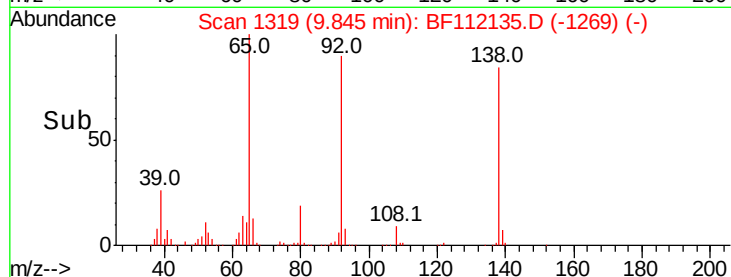
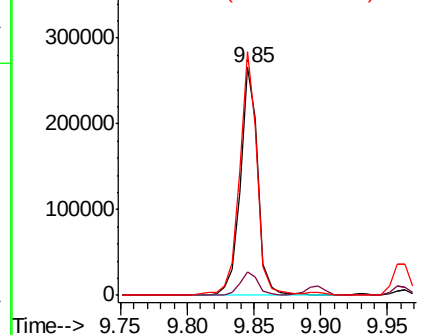
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.8	14.6
92	106.8	79.4	119.2

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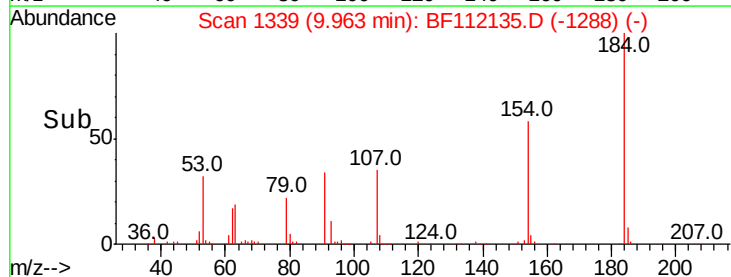
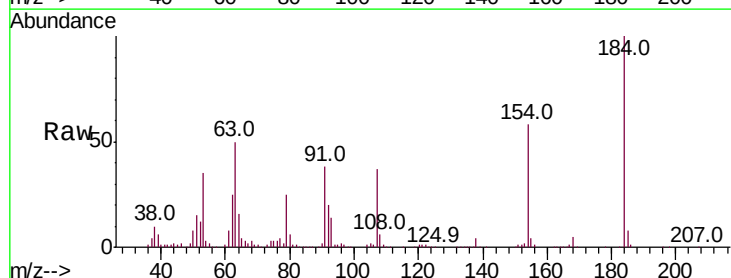
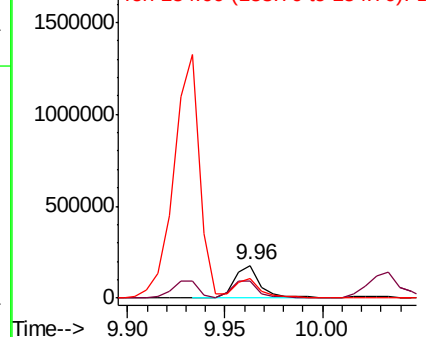
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

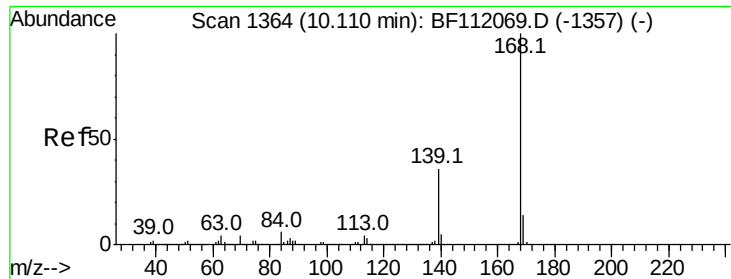


#54
2,4-Dinitrophenol
Concen: 72.209 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.0	47.1	70.7
154	57.8	48.9	73.3

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





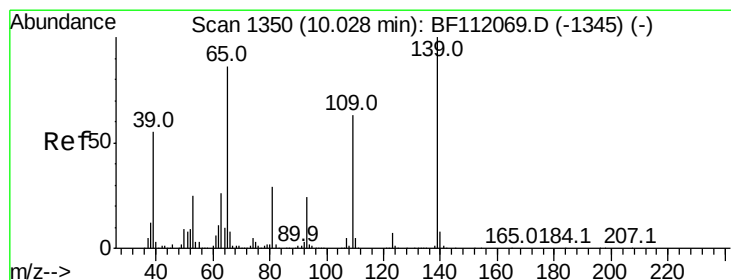
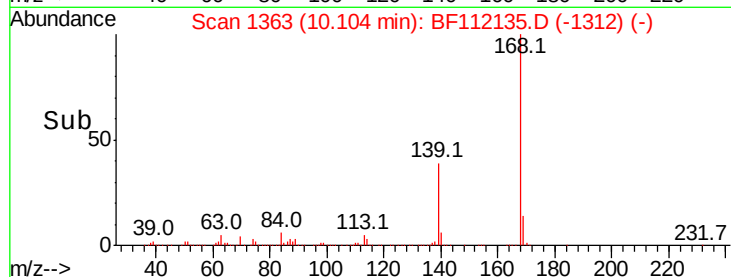
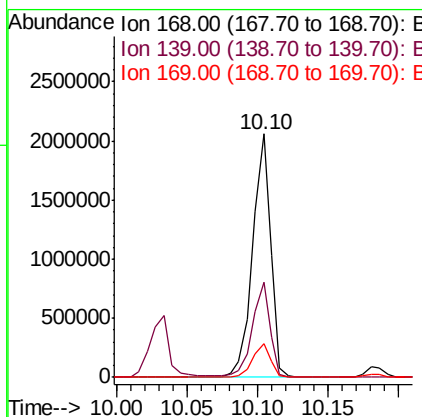
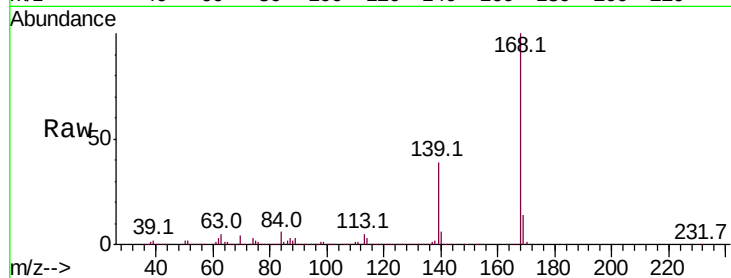
#55
Dibenzofuran
Concen: 40.758 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampled :
PB116493BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	29.2	43.8
169	14.0	11.4	17.0

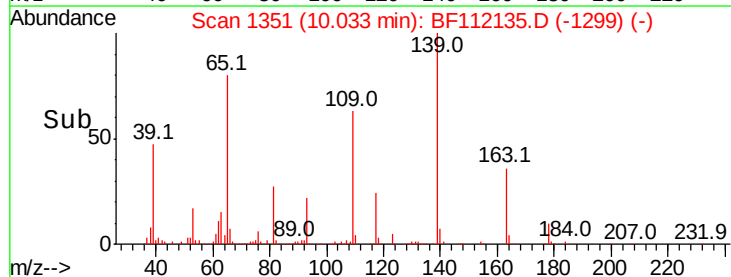
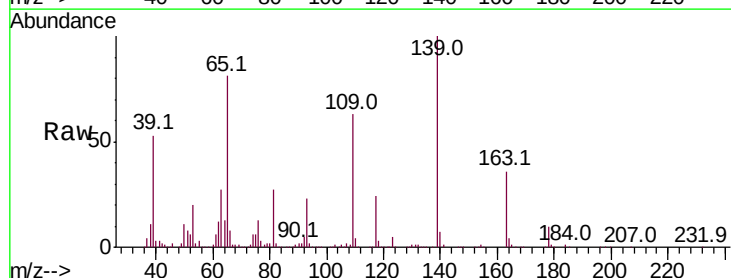
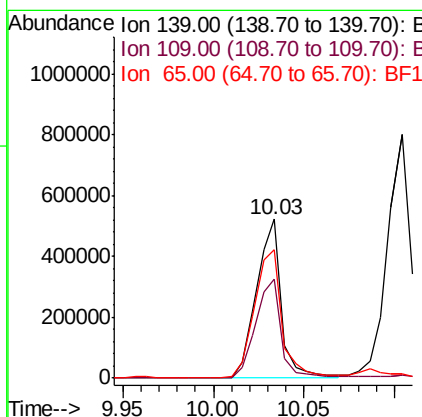
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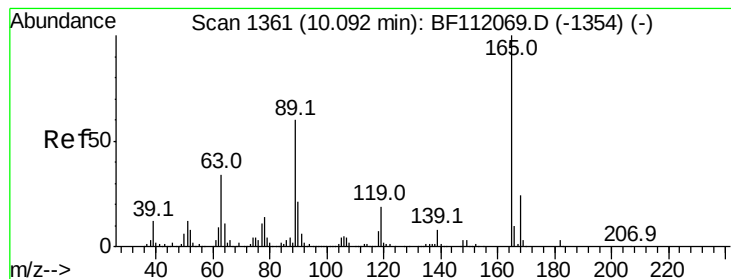
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#56
4-Nitrophenol
Concen: 82.502 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.8	42.8	82.8
65	80.7	66.1	106.1





#57

2,4-Dinitrotoluene

Concen: 49.084 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

Tot Ion:165 Resp: 476897
Ion Ratio Lower Upper

165 100

63 40.8 27.9 41.9

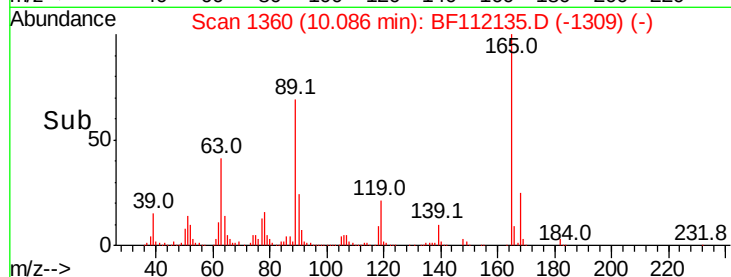
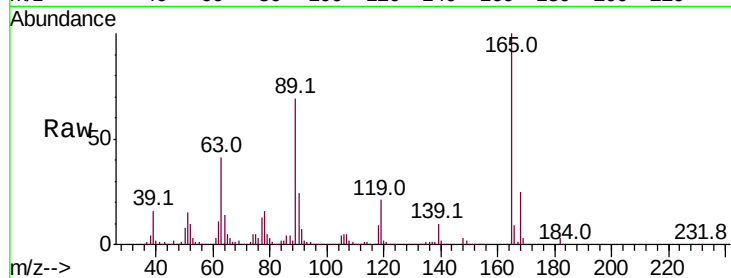
89 68.6 47.9 71.9

182 3.0 2.2 3.4

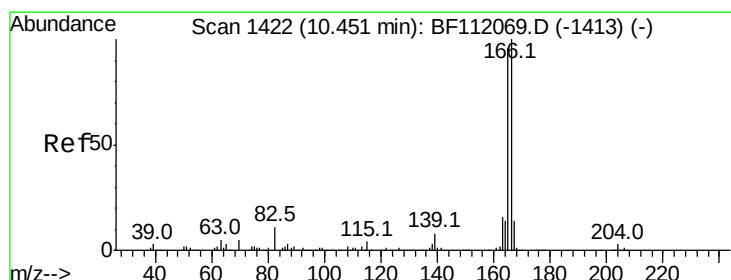
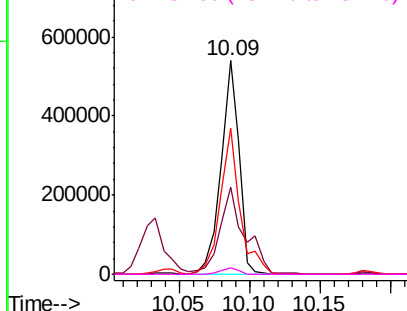
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.551 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF112135.D

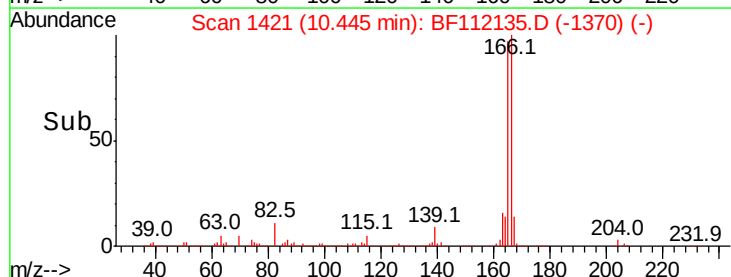
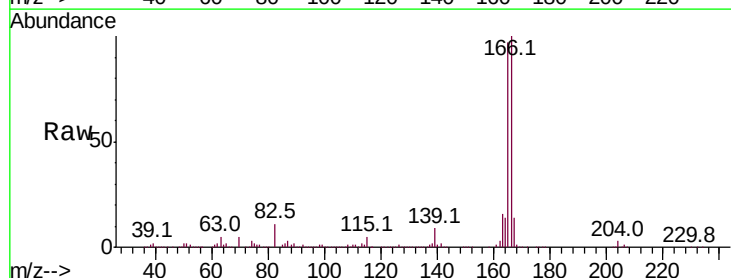
Acq: 18 Jan 2019 20:09

Tgt Ion:166 Resp: 1456761
Ion Ratio Lower Upper

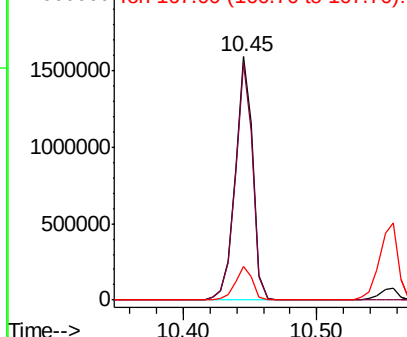
166 100

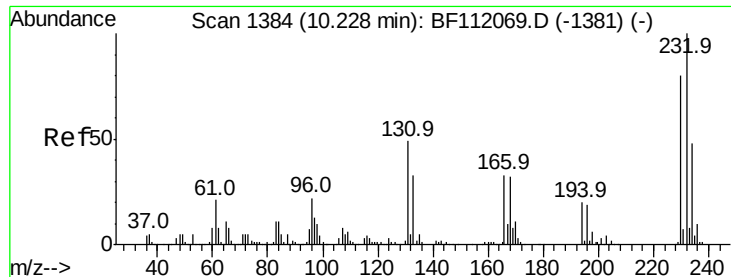
165 97.5 77.1 115.7

167 13.9 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





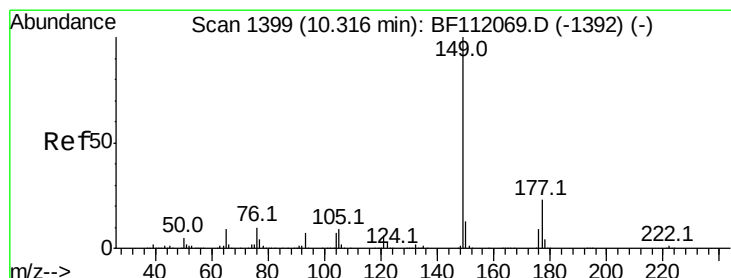
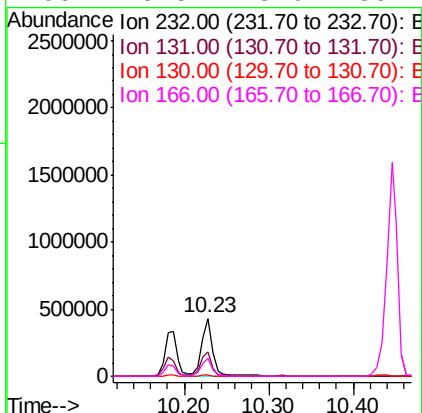
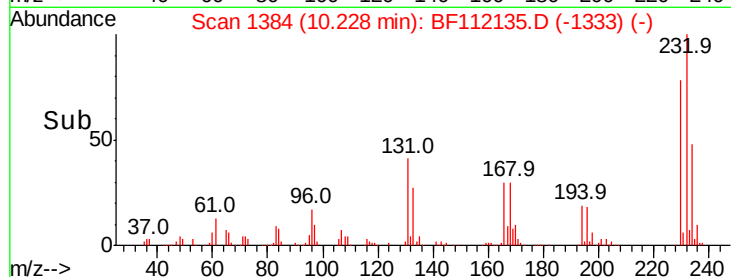
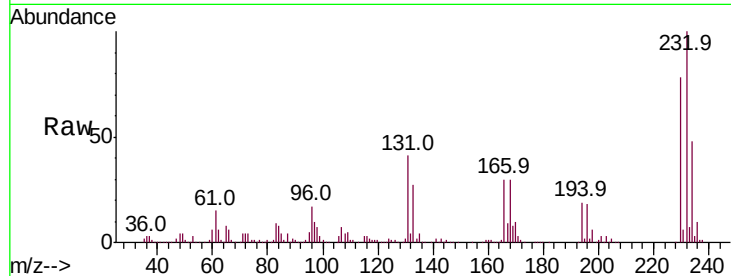
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.866 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleID :
 PB116493BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	391166		
131	41.6		33.9	50.9
130	2.2		1.8	2.6
166	29.5		23.6	35.4

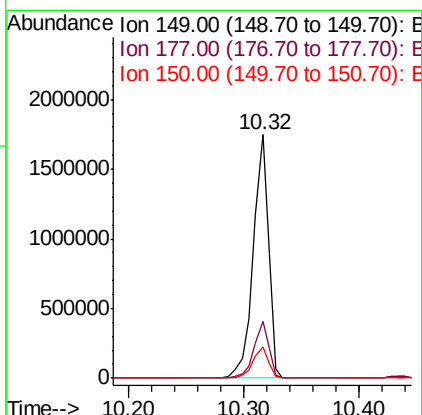
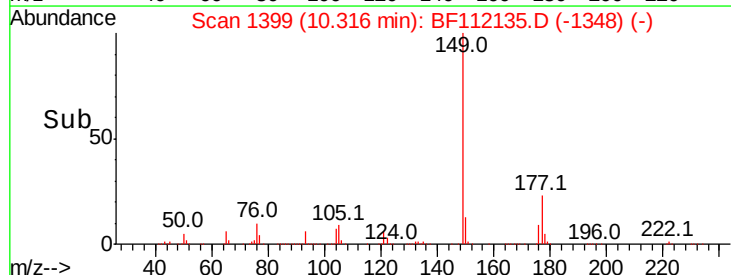
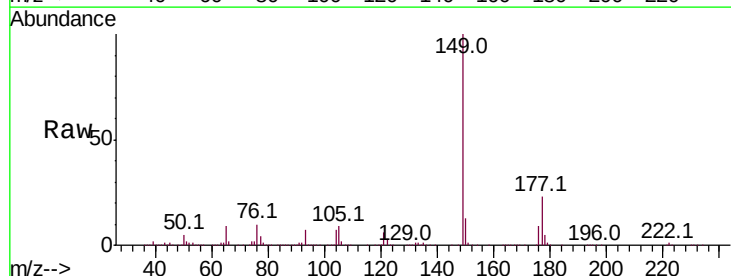
Manual Integrations
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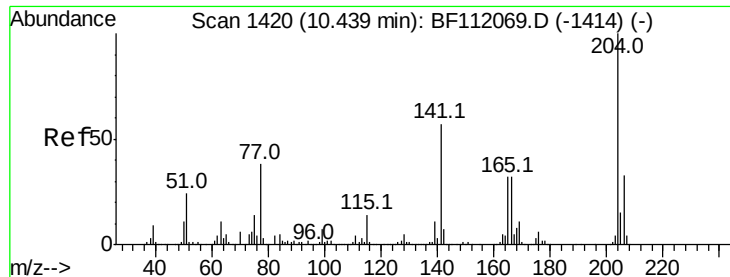
Sohil
 1/21/2019 12:00:59 PM



#60
 Diethylphthalate
 Concen: 43.452 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1603815		
177	23.1		18.2	27.2
150	12.8		10.4	15.6





#61

4-Chlorophenyl-phenylether

Concen: 39.119 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

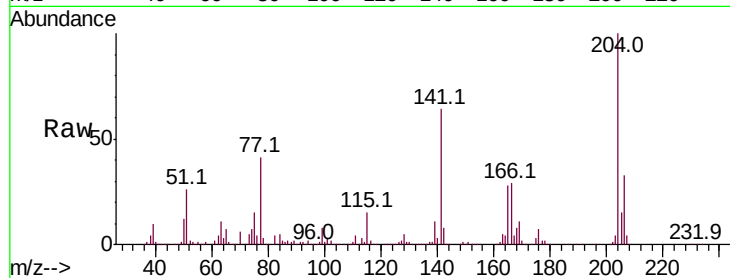
ClientSampleId :

PB116493BS

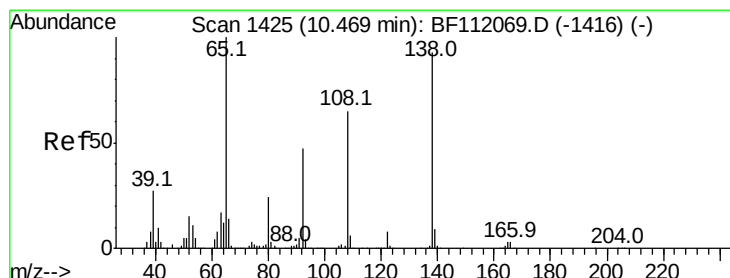
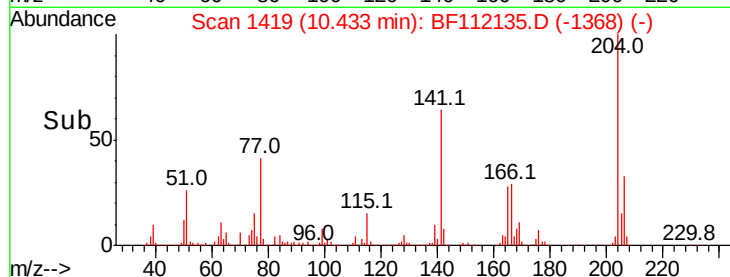
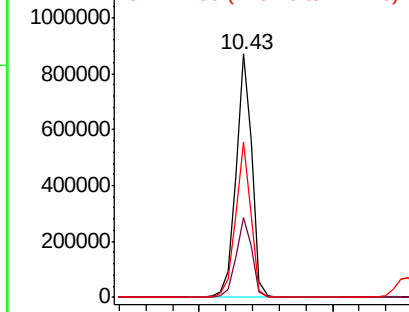
Tot Ion:	204	Resp:	722691
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.5	39.7
141	64.0	45.9	68.9

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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: 40.574 ng

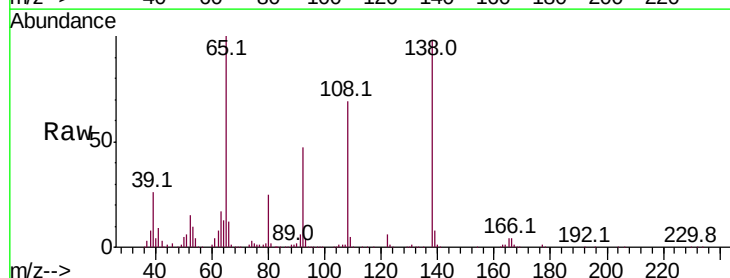
RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

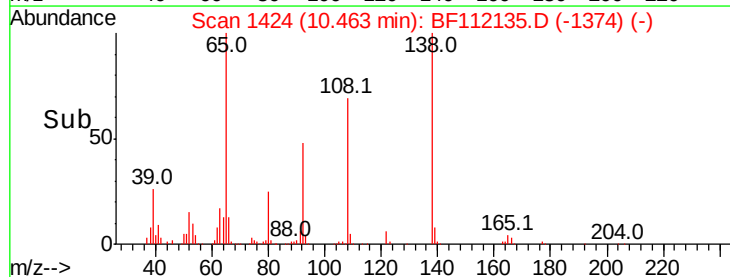
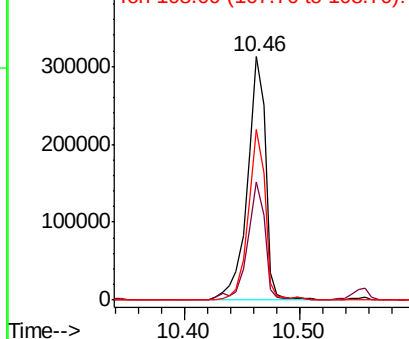
Lab File: BF112135.D

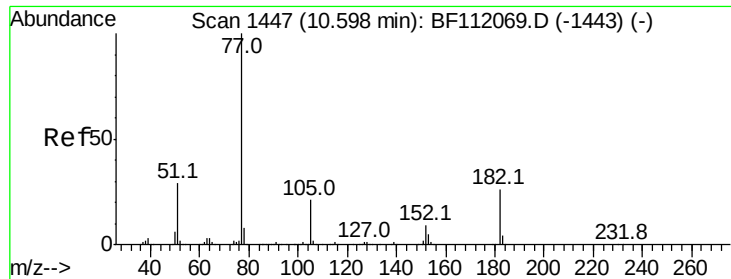
Acq: 18 Jan 2019 20:09

Tgt Ion:	138	Resp:	340208
Ion Ratio	Lower	Upper	
138	100		
92	48.3	30.6	70.6
108	70.0	50.0	90.0



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





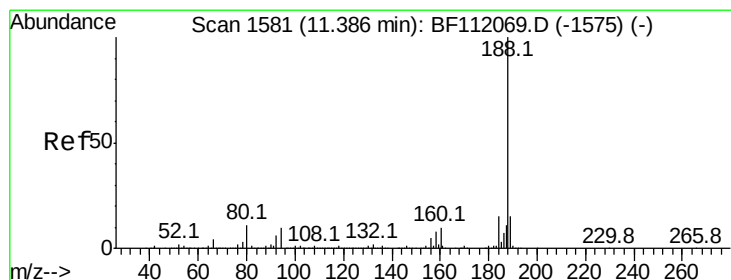
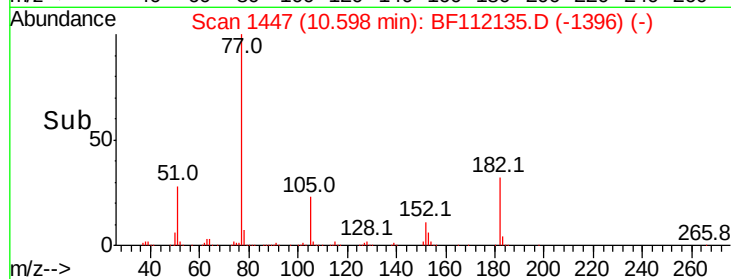
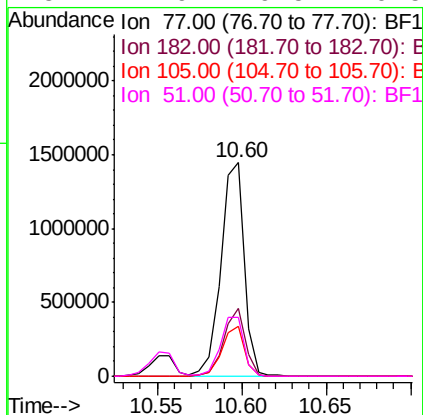
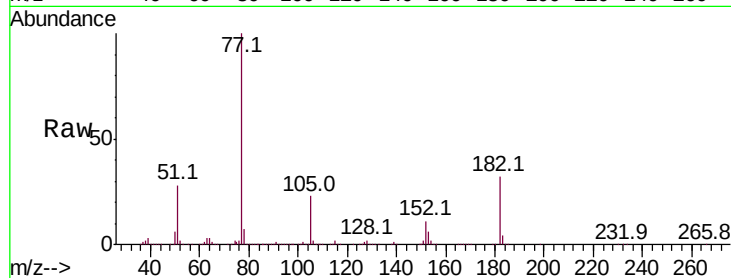
#63
Azobenzene
Concen: 39.362 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	5.7	45.7	
105	23.3	1.4	41.4	
51	27.9	9.5	49.5	

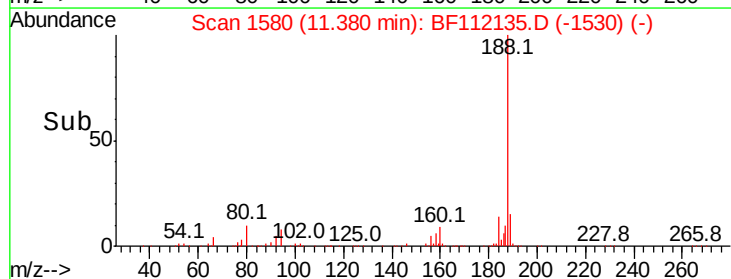
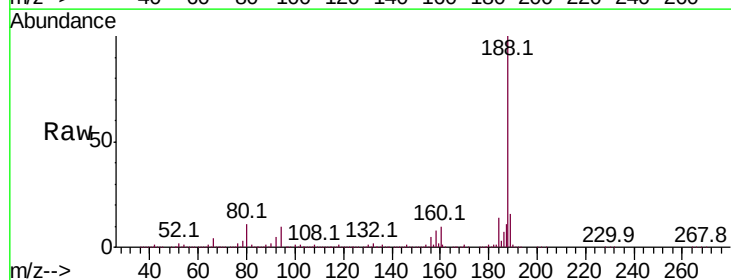
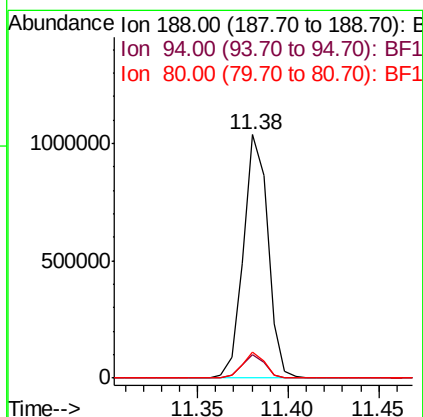
Manual Integrations
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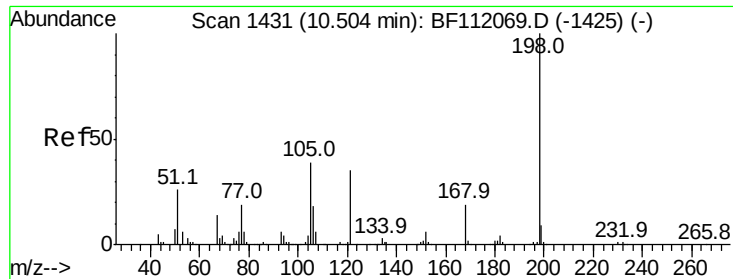
Sohil
1/21/2019 12:00:59 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	8.2	12.2	
80	10.5	8.9	13.3	





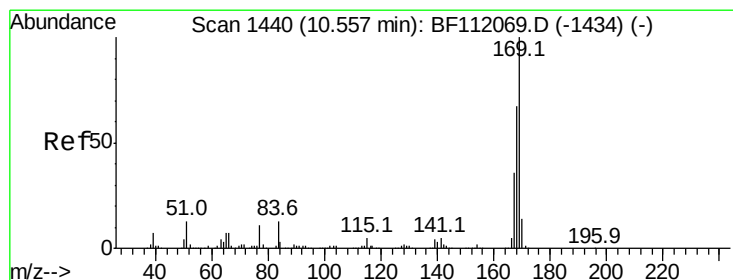
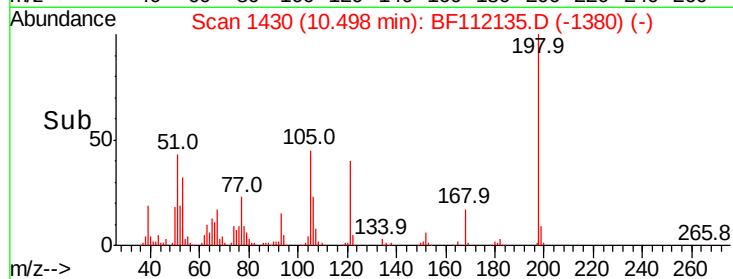
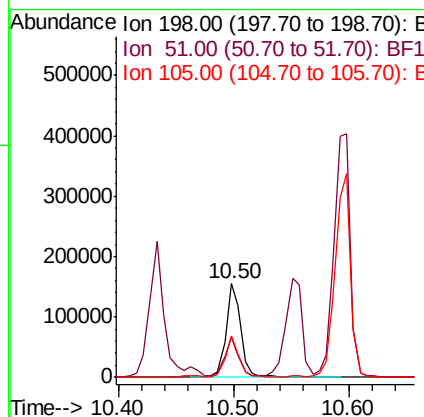
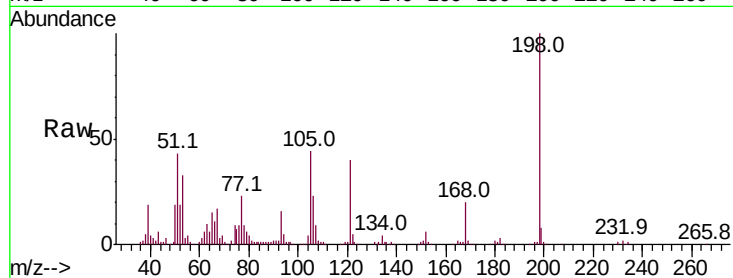
#65
4,6-Dinitro-2-methylphenol
Concen: 37.145 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampled :
PB116493BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	42.6	17.2	57.2
105	44.3	21.9	61.9

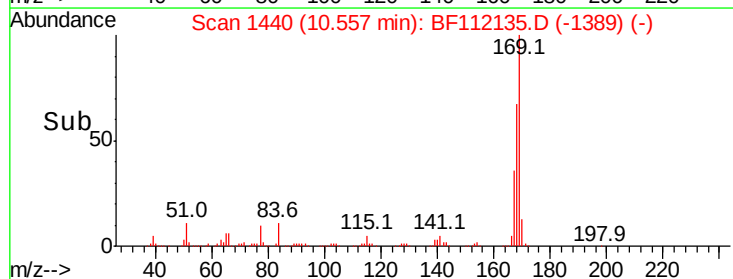
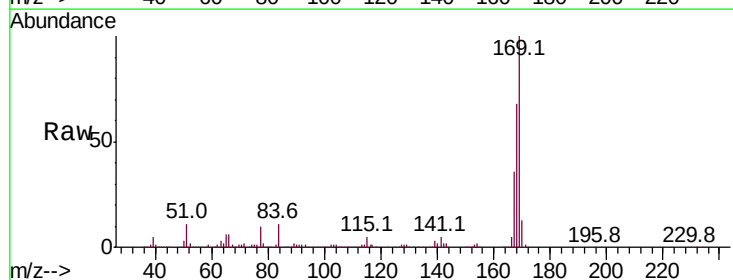
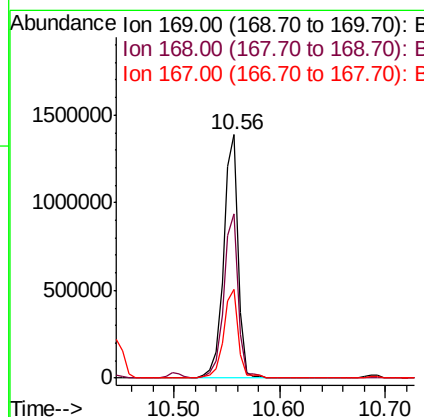
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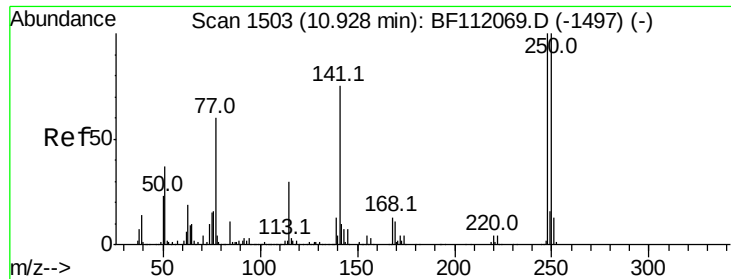
Sohil
1/21/2019 12:00:59 PM



#66
n-Nitrosodiphenylamine
Concen: 41.297 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	36.3	28.9	43.3





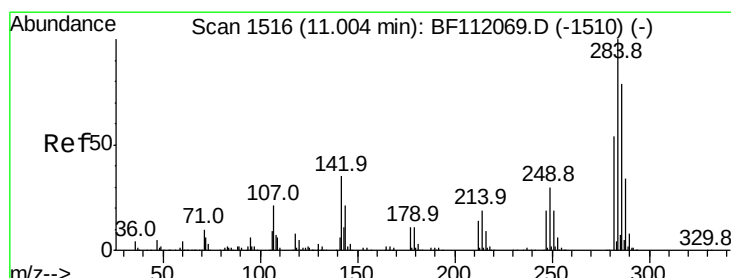
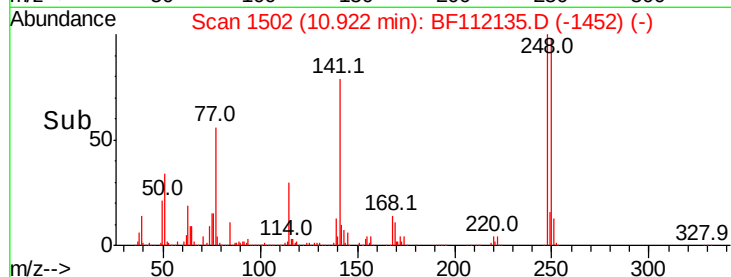
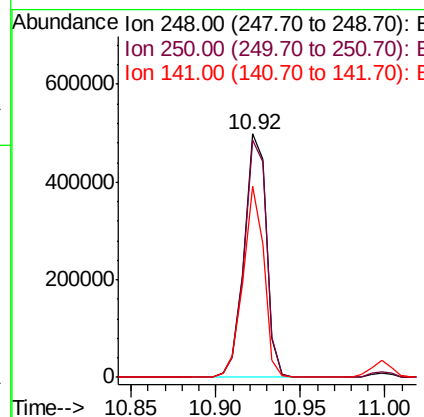
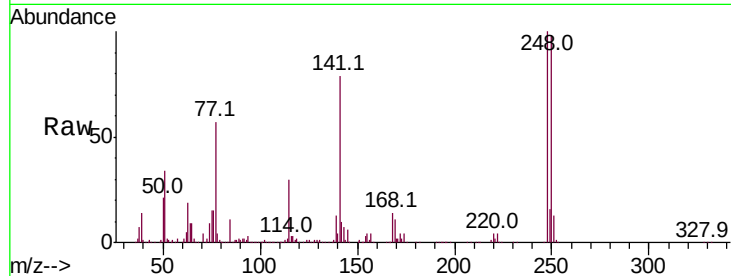
#67
4-Bromophenyl-phenylether
Concen: 40.503 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.7	119.5
141	78.7	60.3	90.5

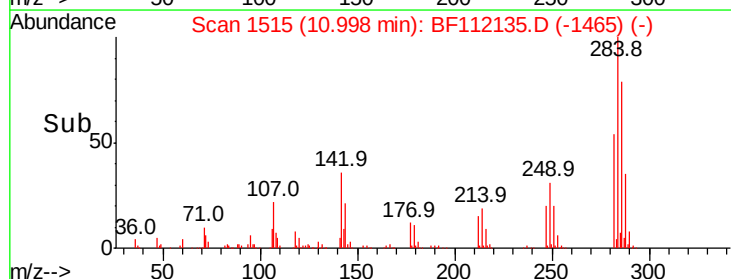
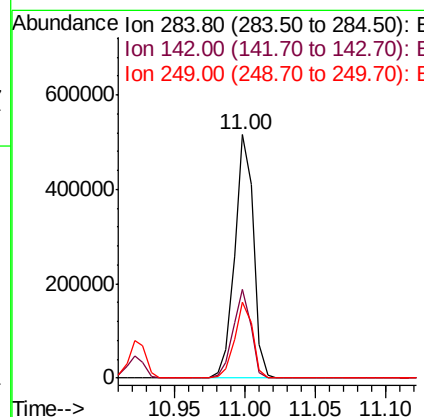
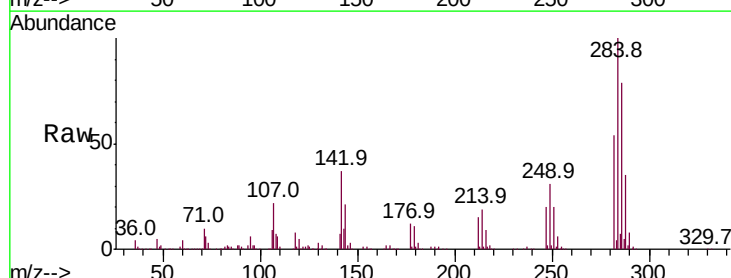
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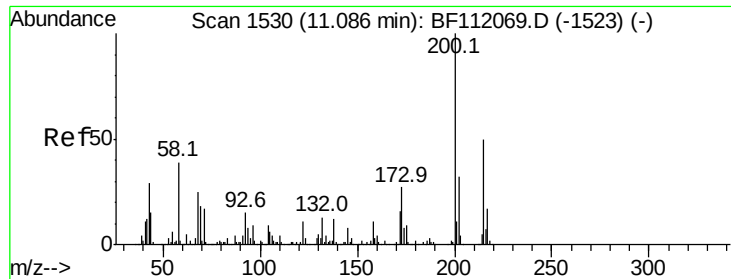
Sohil
1/21/2019 12:00:59 PM



#68
Hexachlorobenzene
Concen: 38.732 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.6	27.6	41.4
249	31.4	24.1	36.1





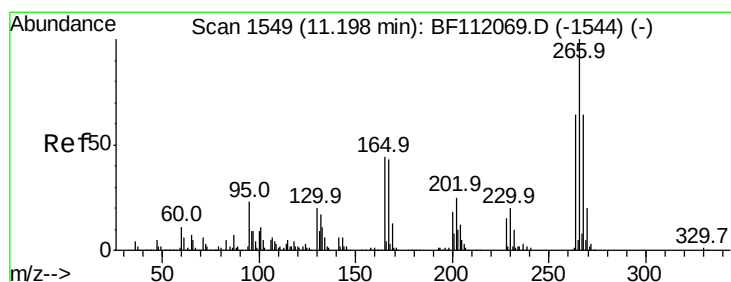
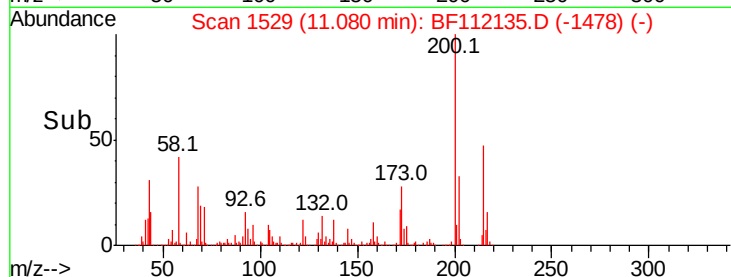
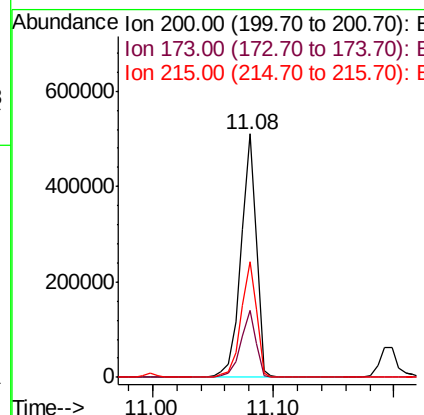
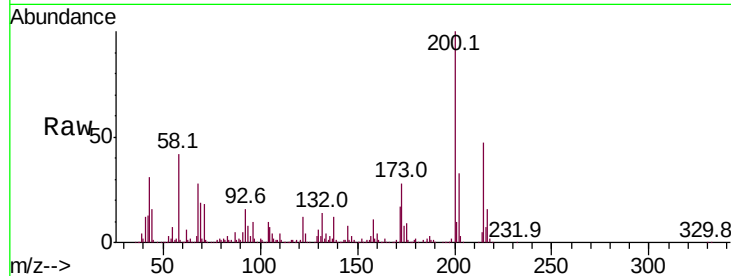
#69
Atrazine
Concen: 43.797 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.1	47.1
215	47.3	30.4	70.4

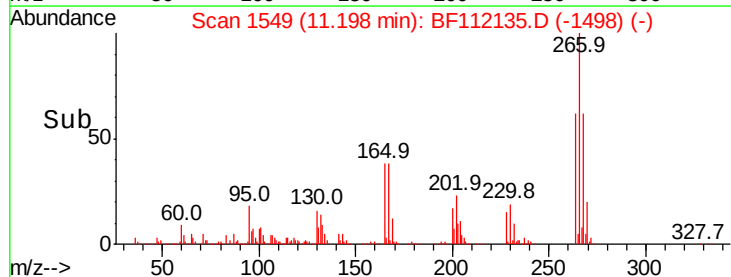
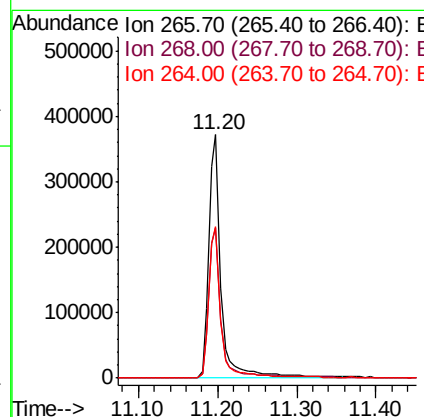
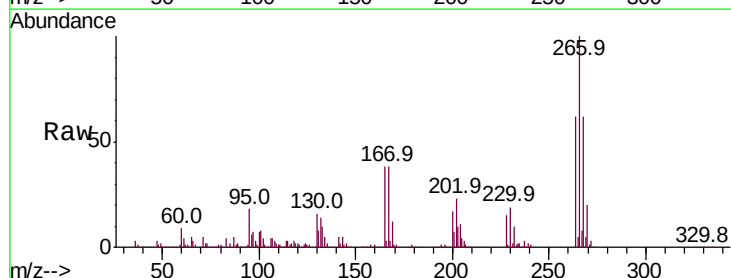
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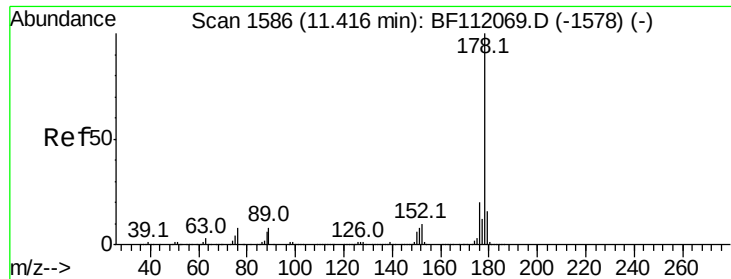
Sohil
1/21/2019 12:00:59 PM



#70
Pentachlorophenol
Concen: 70.827 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.2	76.8
264	62.3	50.9	76.3





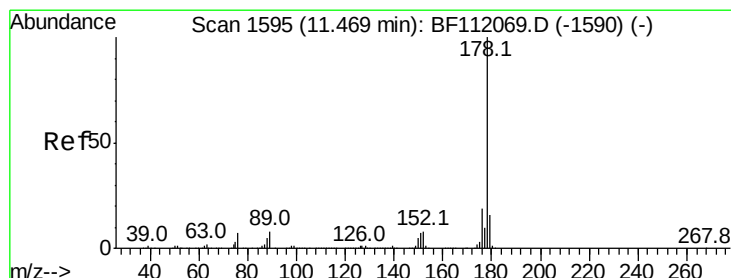
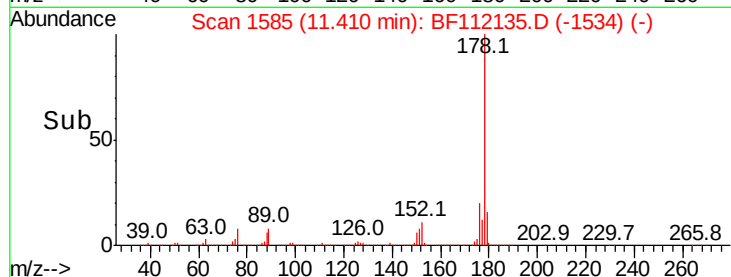
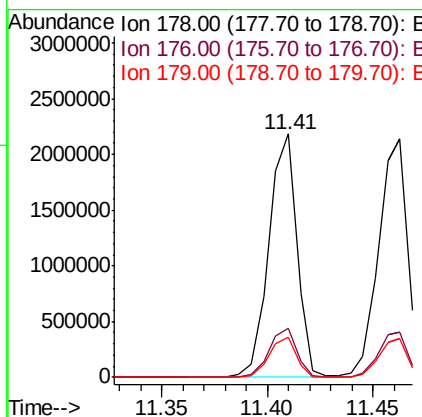
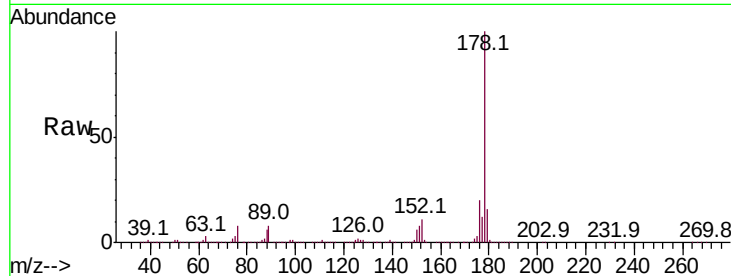
#71
Phenanthrene
Concen: 41.318 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.3	24.5
179	16.4	13.0	19.4

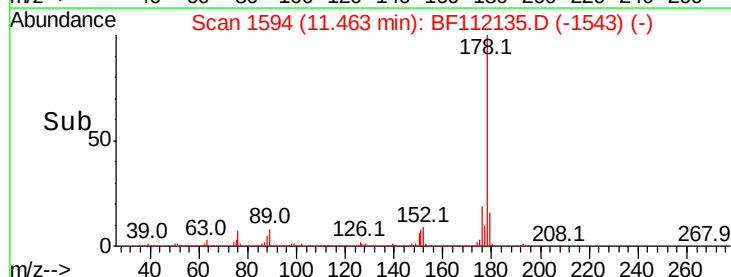
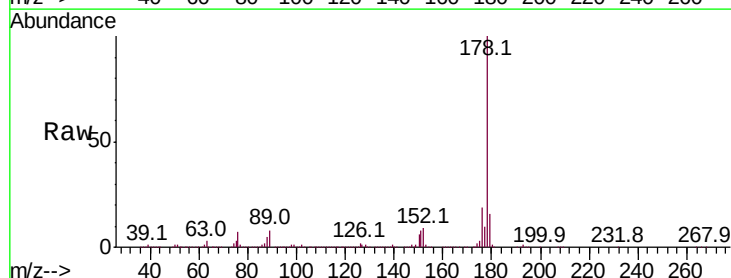
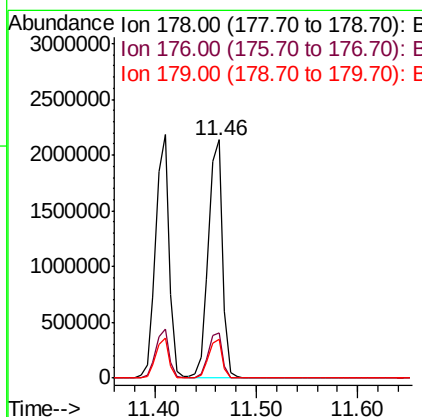
Manual Integrations
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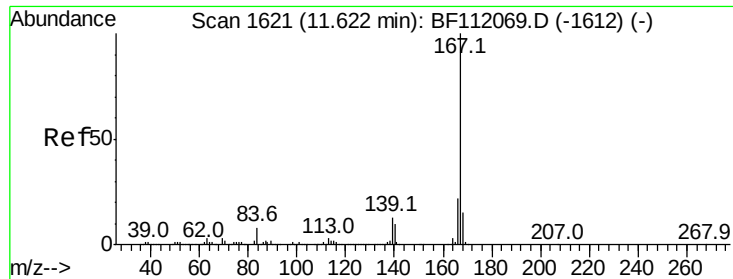
Sohil
1/21/2019 12:00:59 PM



#72
Anthracene
Concen: 41.825 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.0	12.8	19.2





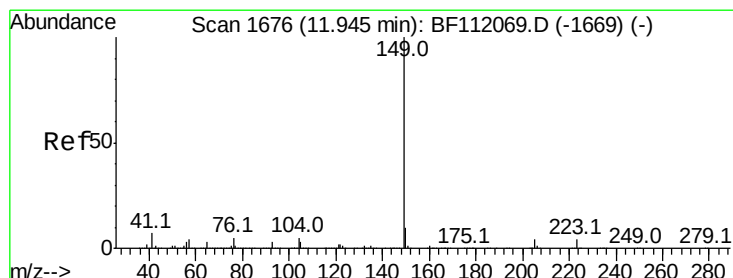
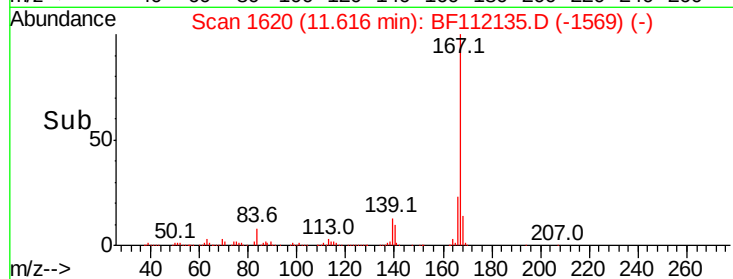
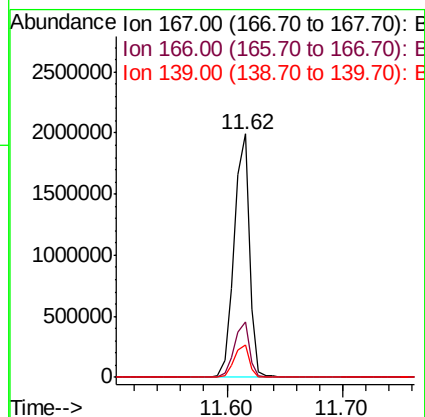
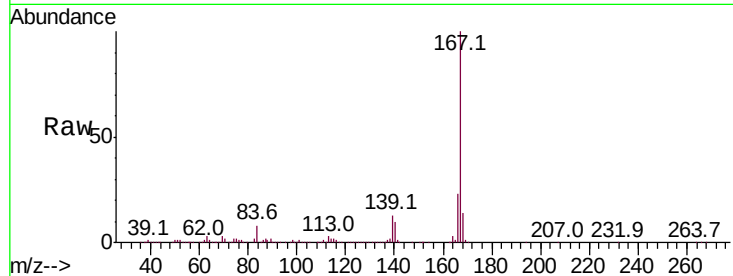
#73
 Carbazole
 Concen: 36.809 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleID :
 PB116493BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.9	26.9
139	13.3	10.2	15.2

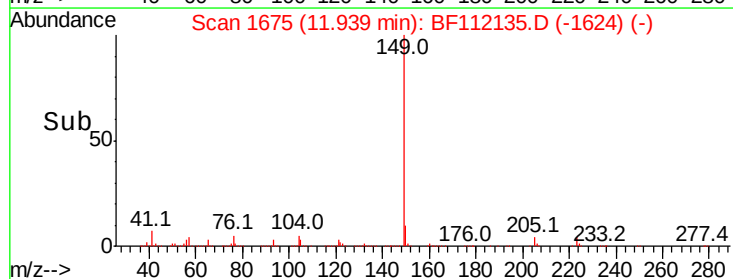
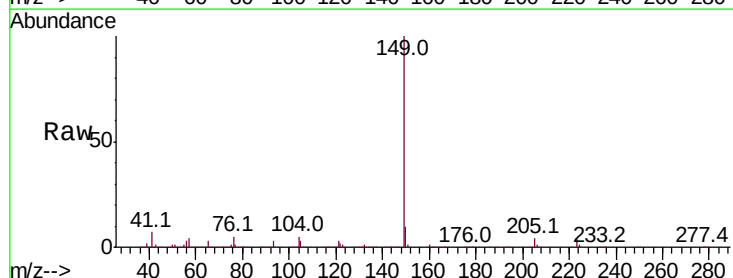
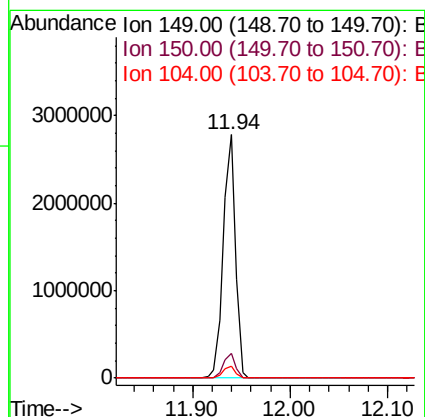
Manual Integrations
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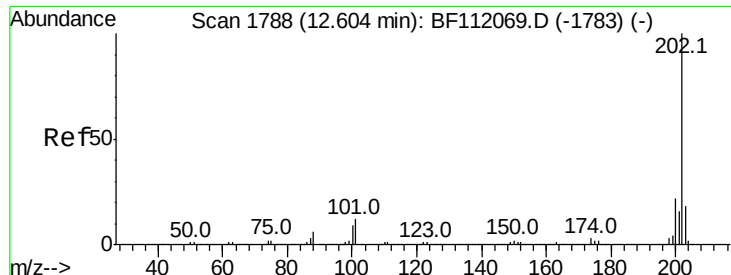
Sohil
 1/21/2019 12:00:59 PM



#74
 Di-n-butylphthalate
 Concen: 43.104 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.1	3.9	5.9





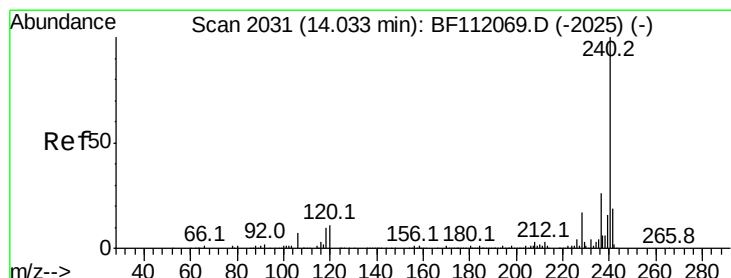
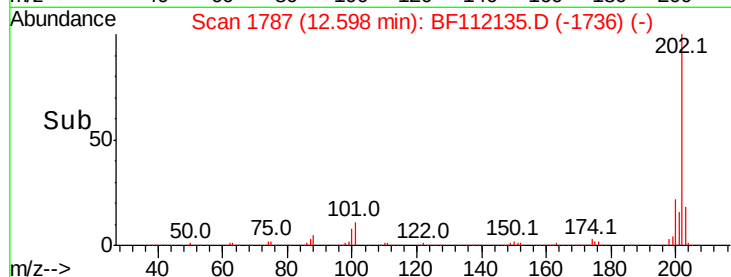
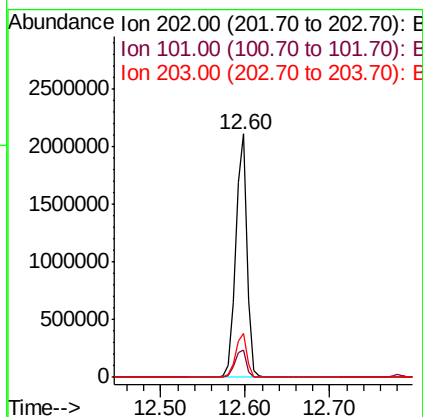
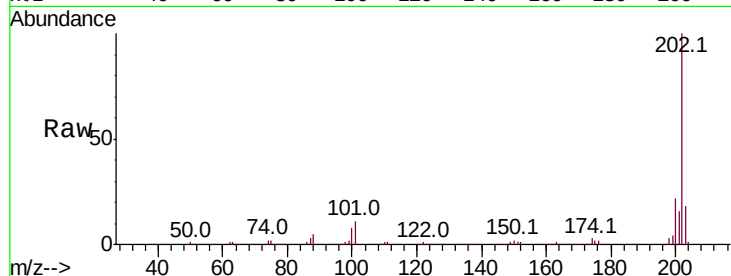
#75
 Fluoranthene
 Concen: 36.371 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Instrument :
 BNA_F
 ClientSampleId :
 PB116493BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.8
203	18.0	0.0	38.4

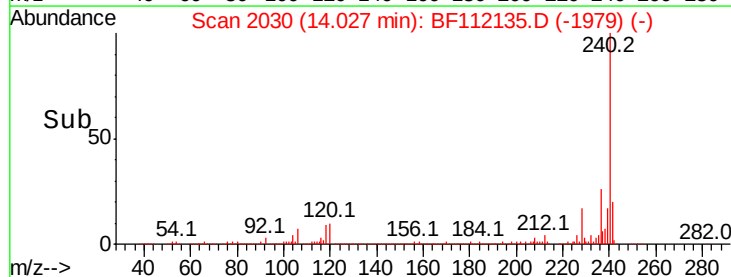
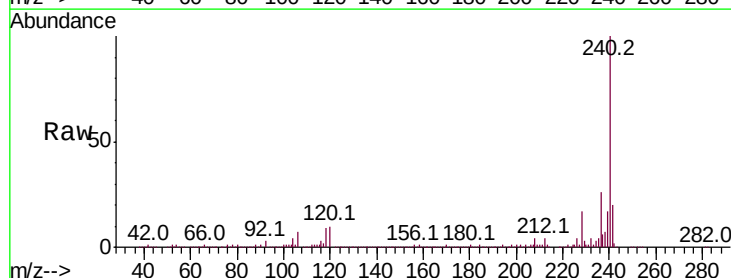
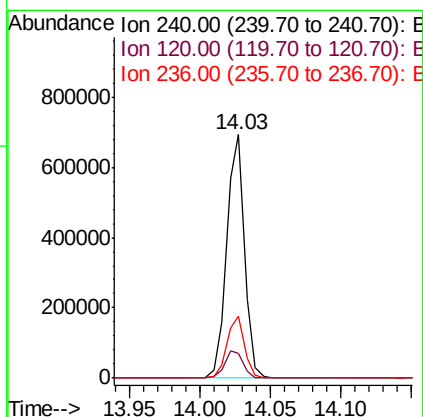
Manual Integrations
 APPROVED

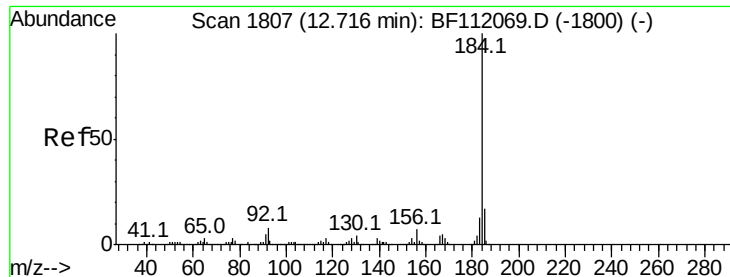
Sohil
 1/21/2019 12:00:59 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF112135.D
 Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.6
236	25.5	20.7	31.1





#77

Benzidine

Concen: 50.074 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampled :

PB116493BS

Tot Ion:184 Resp: 1009514

Ion Ratio Lower Upper

184 100

185 15.0 13.9 20.9

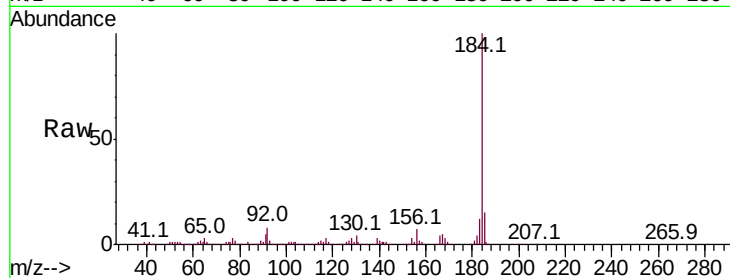
183 12.3 10.0 15.0

Manual Integrations

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Sohil

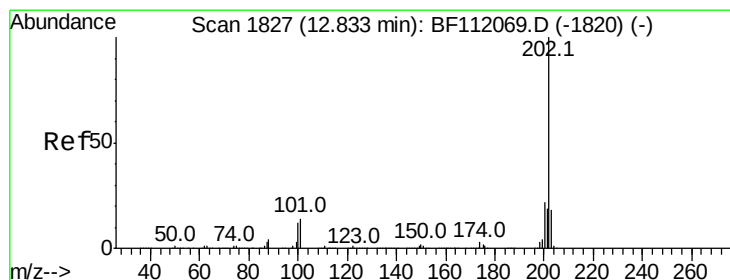
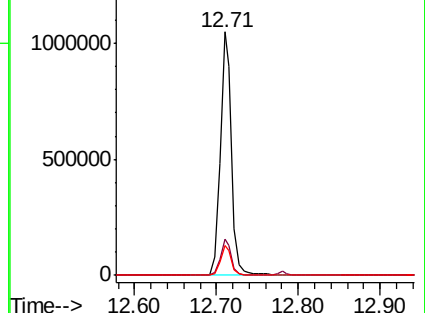
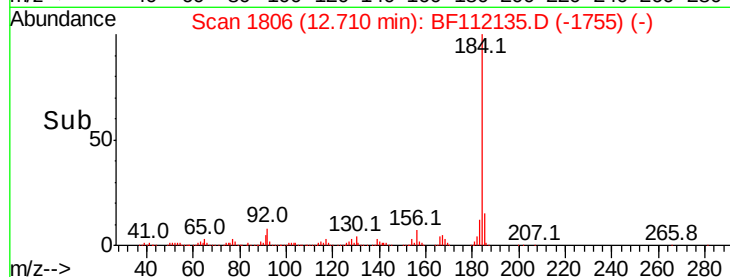
1/21/2019 12:00:59 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.644 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

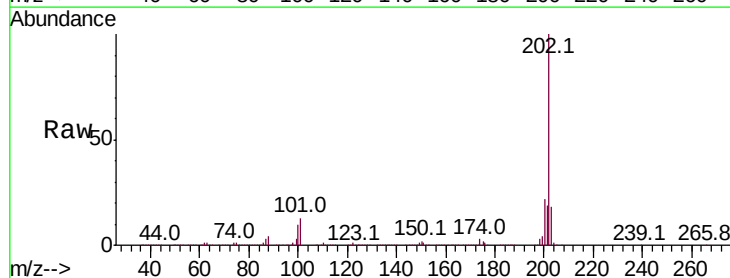
Tgt Ion:202 Resp: 1819632

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

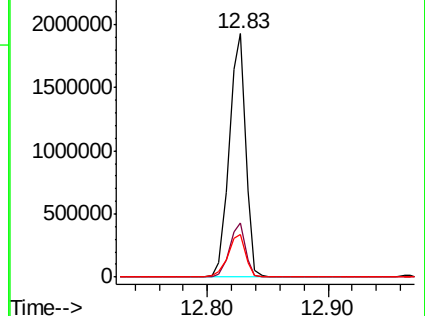
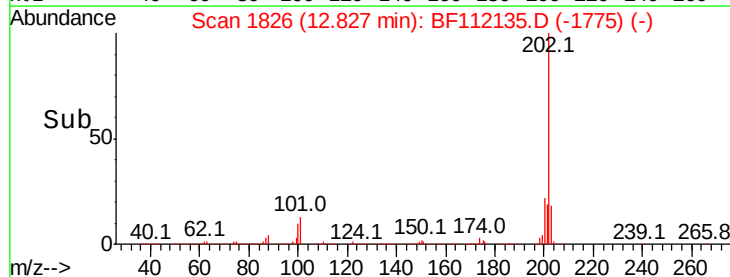
203 17.7 14.6 22.0

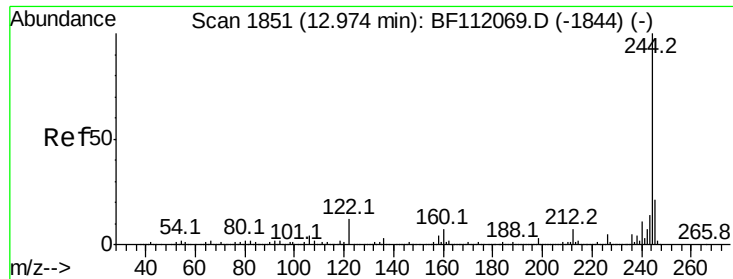


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.570 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

ClientSampleId :

PB116493BS

Tot Ion:244 Resp: 2600875

Ion Ratio Lower Upper

244 100

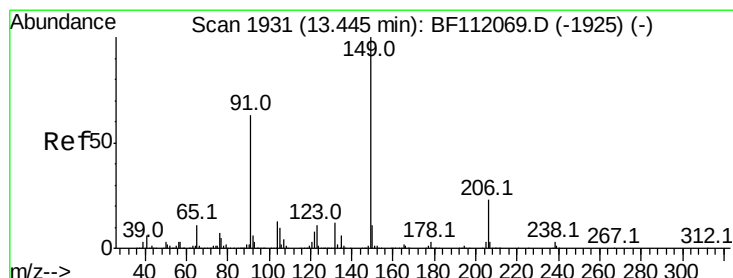
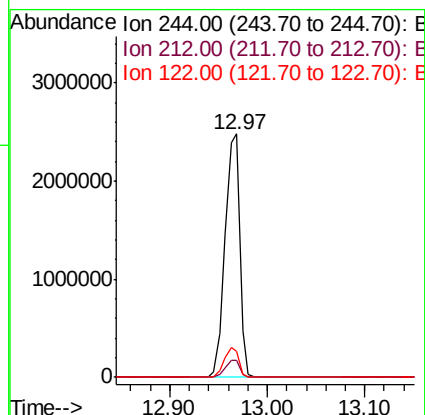
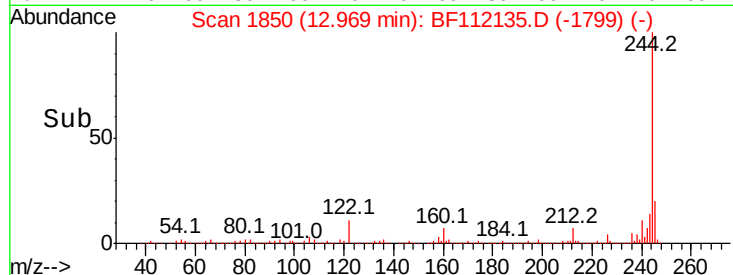
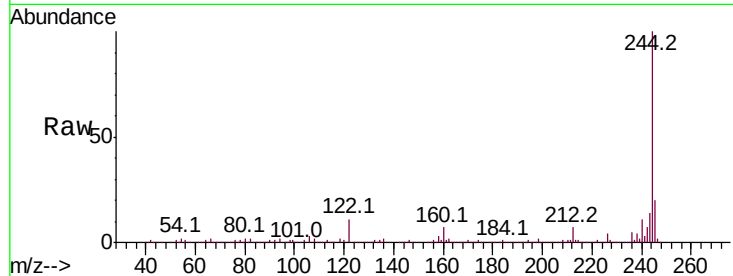
212 7.2 5.9 8.9

122 10.6 9.8 14.6

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 51.670 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

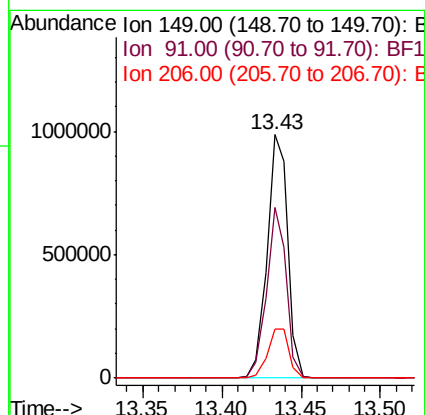
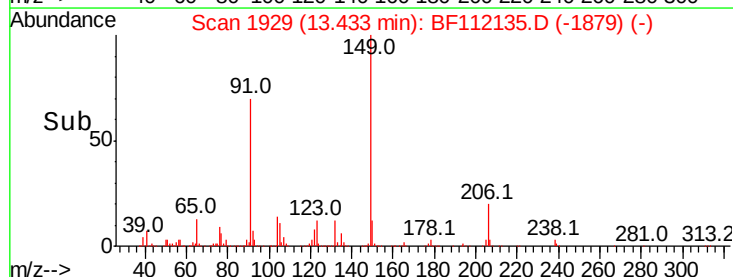
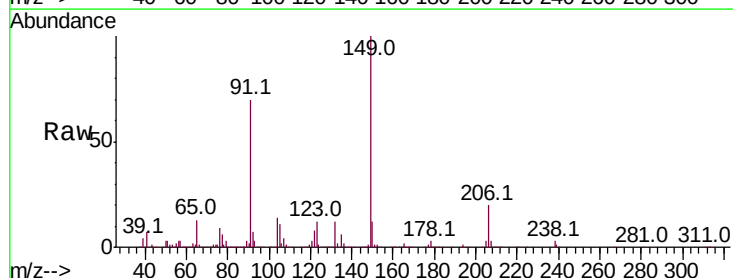
Tgt Ion:149 Resp: 903660

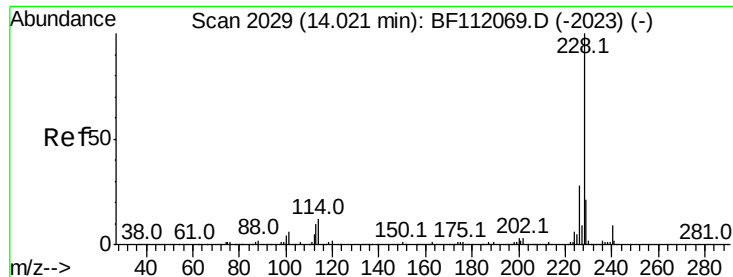
Ion Ratio Lower Upper

149 100

91 70.3 50.3 75.5

206 20.1 18.2 27.4





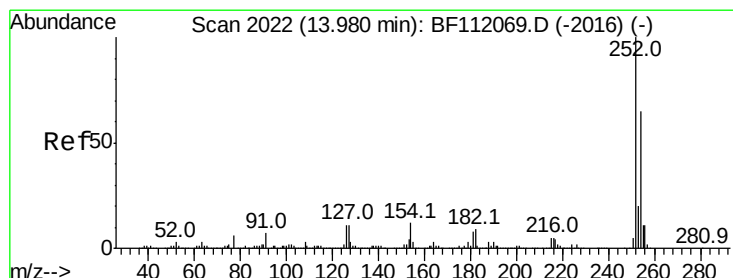
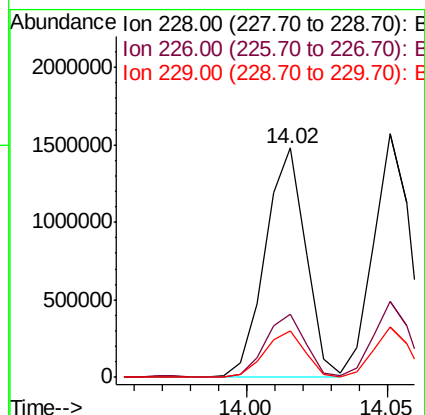
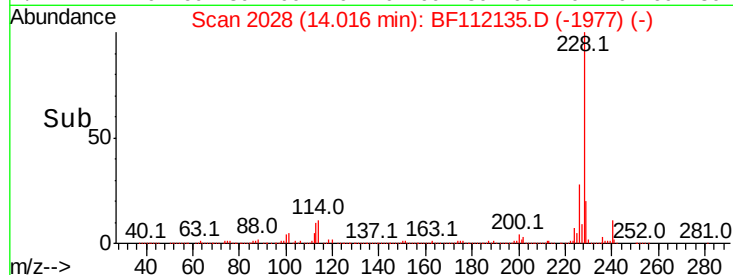
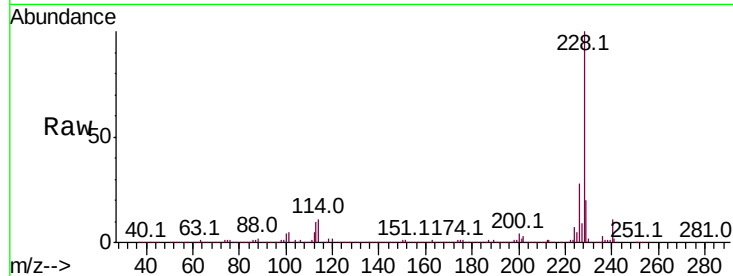
#81
Benzo(a)anthracene
Concen: 42.446 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.2	16.5	24.7

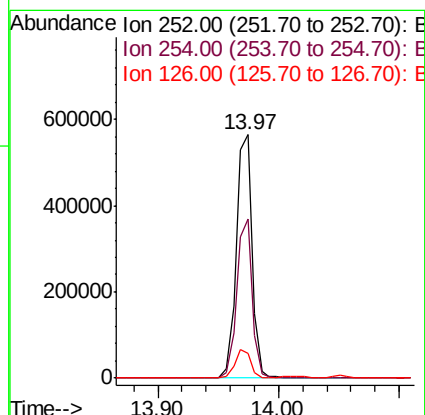
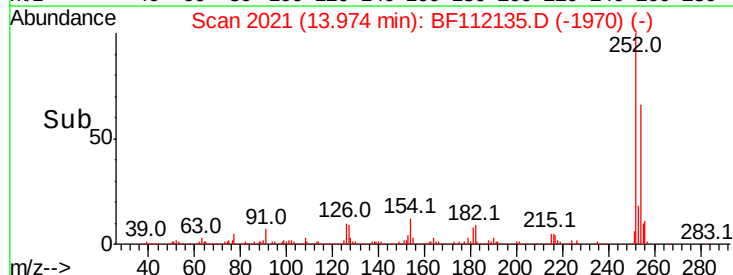
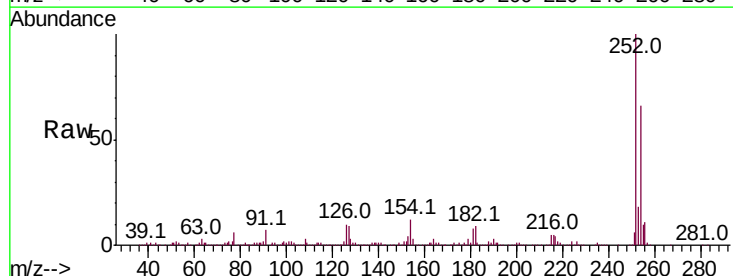
Manual Integrations
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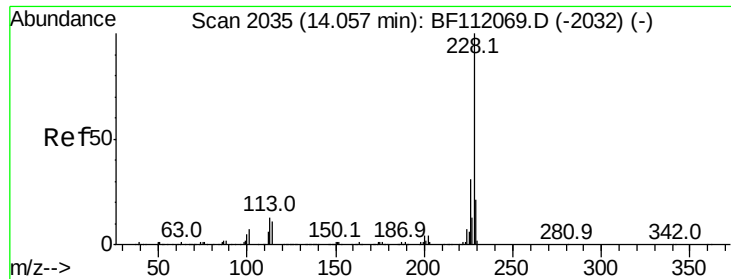
Sohil
1/21/2019 12:00:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 39.885 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.6	77.4
126	10.2	8.6	12.8





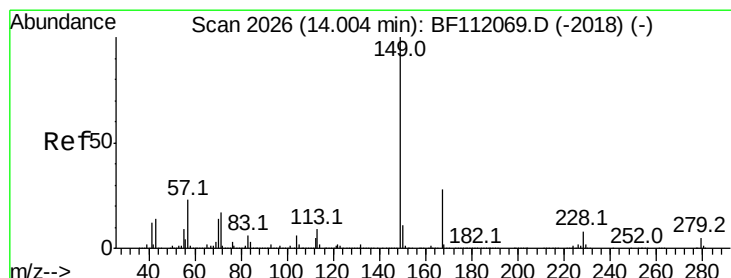
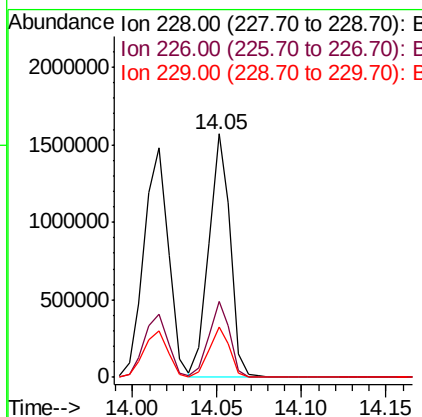
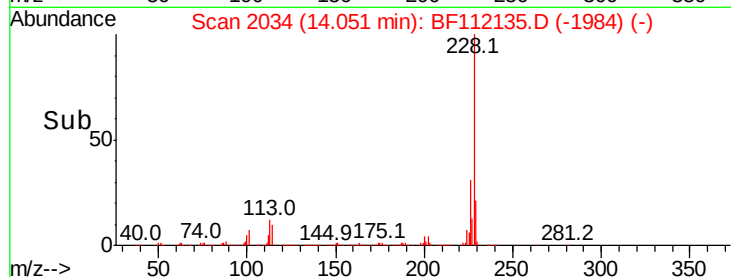
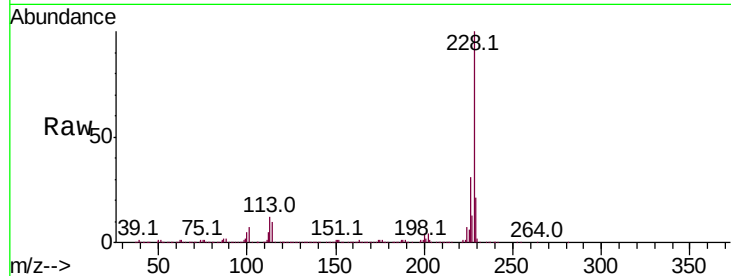
#83
Chrysene
Concen: 42.368 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion:228 Resp: 1388907
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 20.5 16.6 24.8

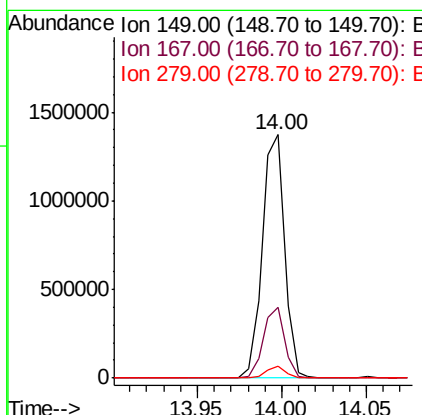
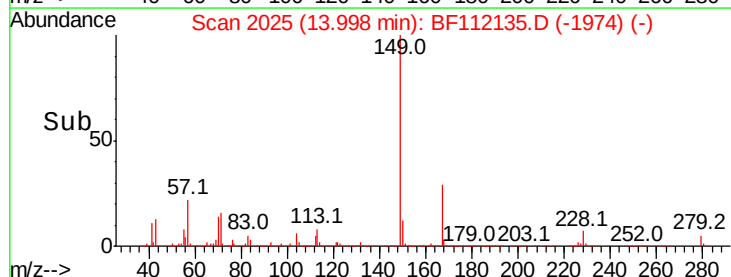
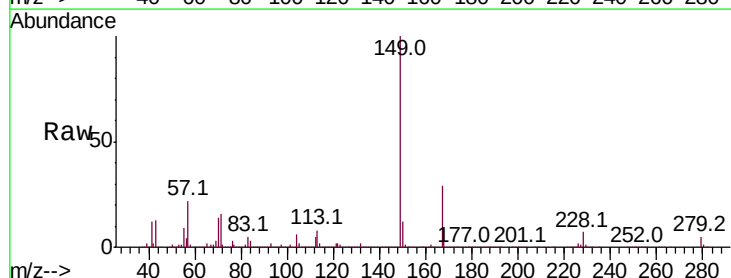
Manual Integrations
APPROVED

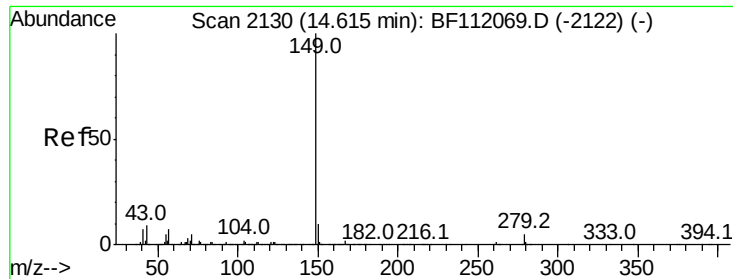
Sohil
1/21/2019 12:00:59 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.330 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion:149 Resp: 1261521
Ion Ratio Lower Upper
149 100
167 29.0 22.5 33.7
279 4.9 3.8 5.6





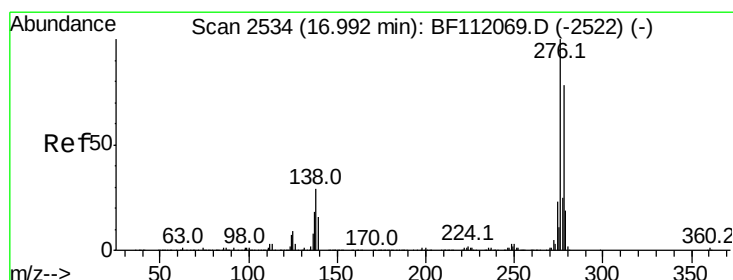
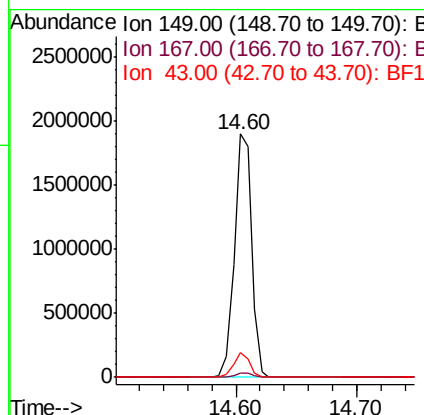
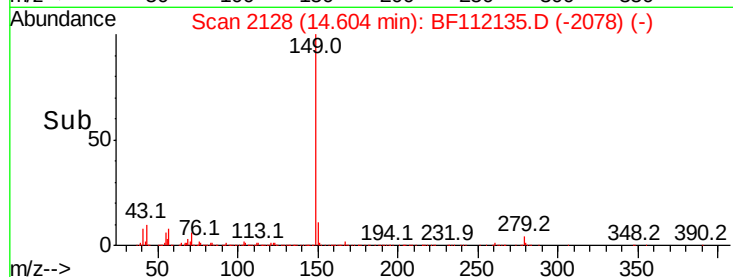
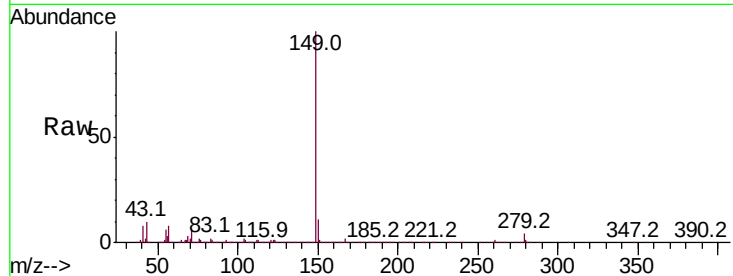
#85
Di-n-octyl phthalate
Concen: 48.922 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.8	11.6

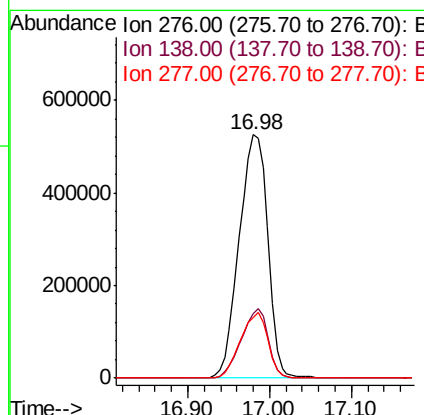
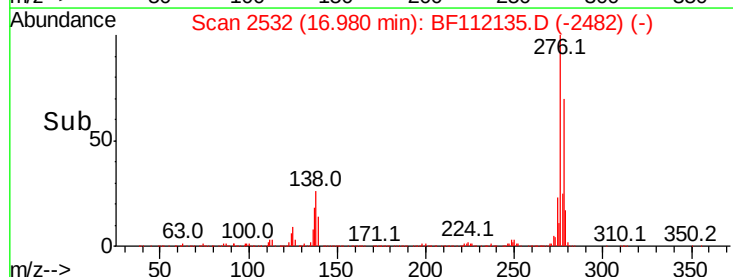
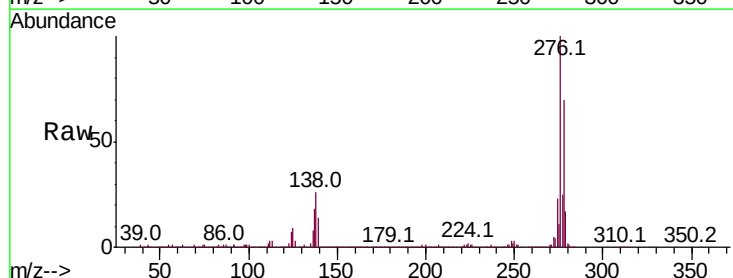
Manual Integrations
APPROVED

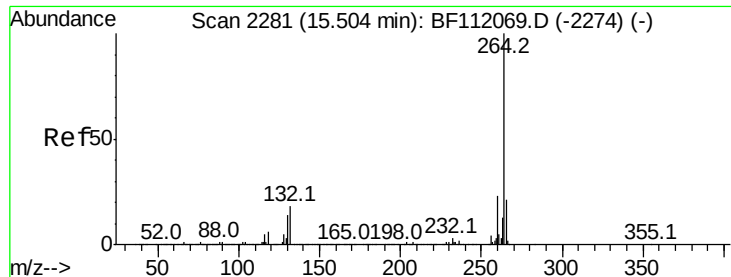
Sohil
1/21/2019 12:00:59 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.491 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.6	34.0
277	25.9	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Instrument :

BNA_F

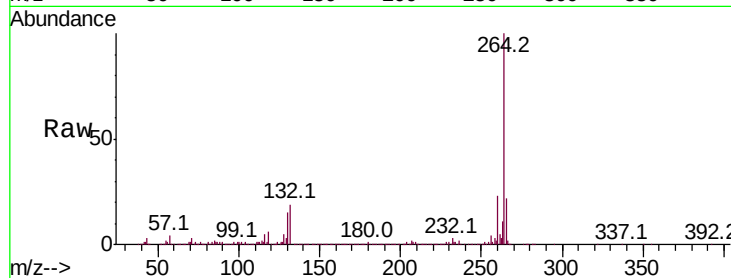
ClientSampleId :

PB116493BS

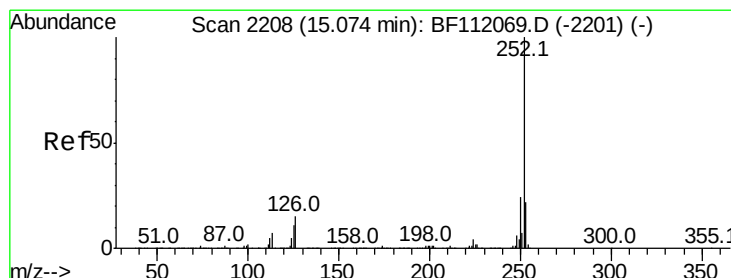
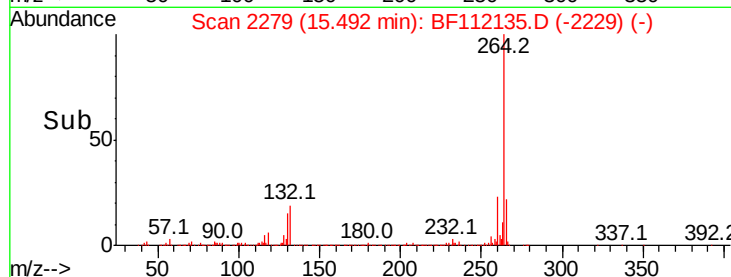
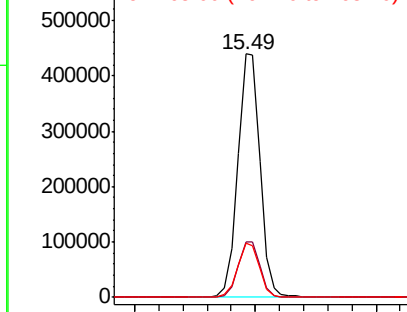
Tot Ion:	264	Resp:	563740
Ion Ratio	Lower	Upper	
264	100		
260	22.9	18.2	27.2
265	22.2	17.0	25.4

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
500000
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.125 ng

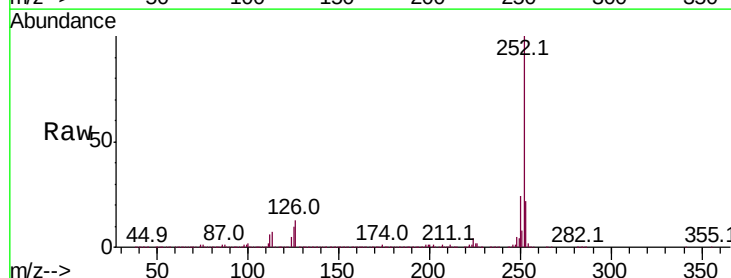
RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

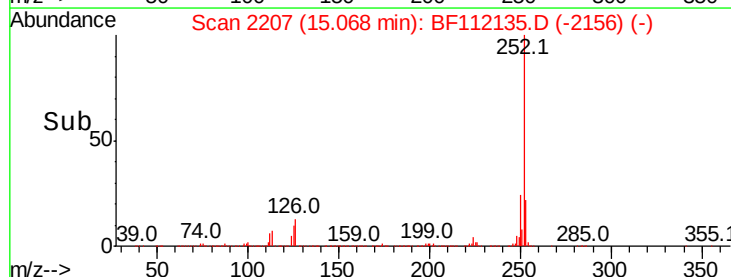
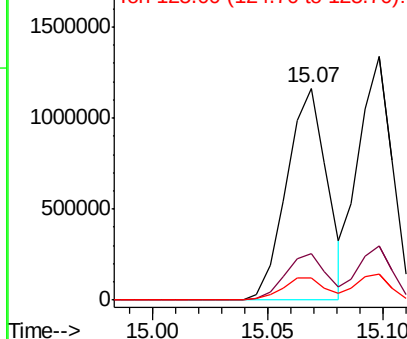
Lab File: BF112135.D

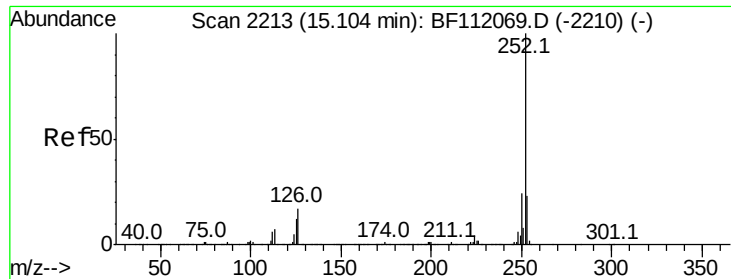
Acq: 18 Jan 2019 20:09

Tgt Ion:	252	Resp:	1411998
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.0	27.0
125	10.4	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





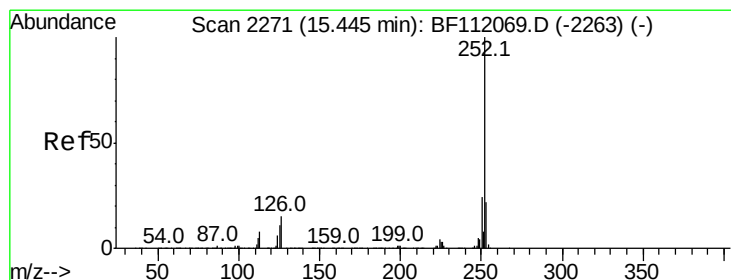
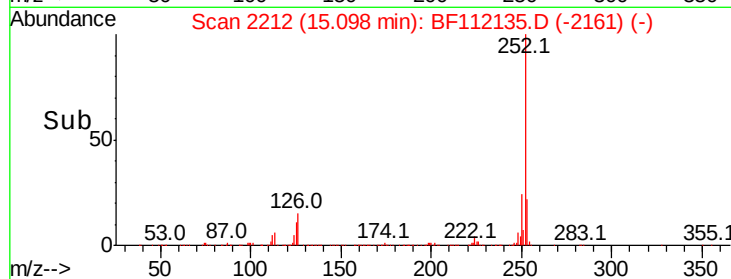
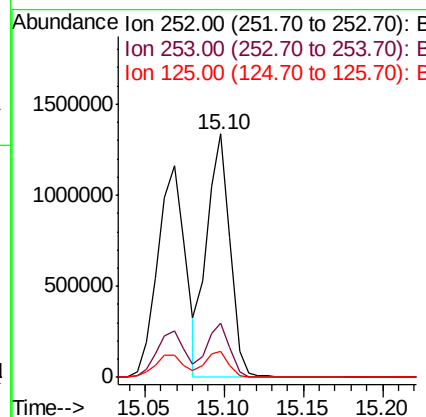
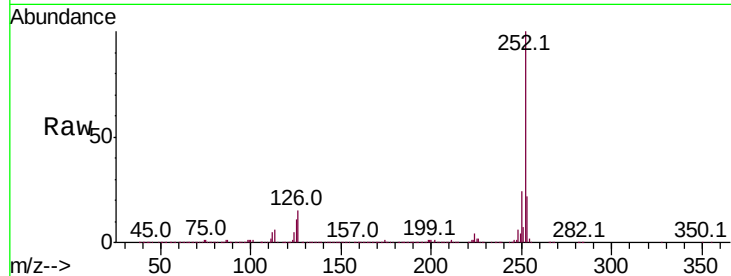
#89
Benzo(k)fluoranthene
Concen: 44.148 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.6	9.1	13.7

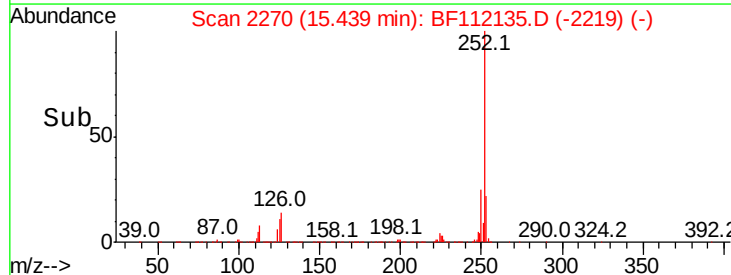
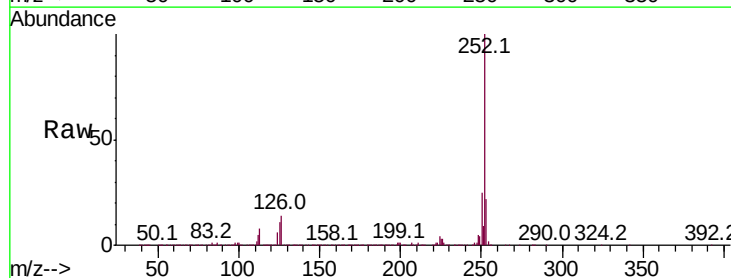
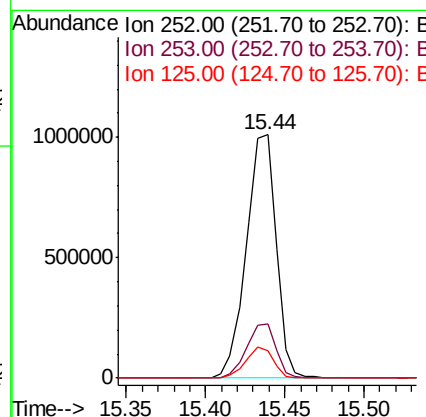
Manual Integrations
APPROVED

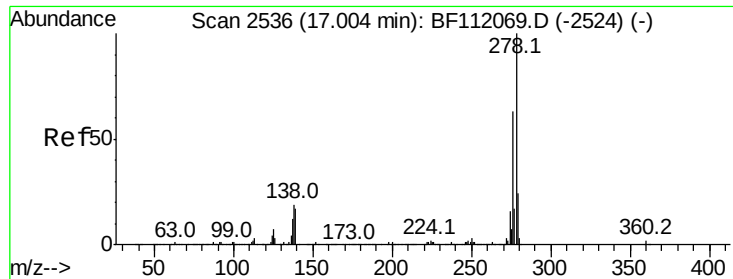
Sohil
1/21/2019 12:00:59 PM



#90
Benzo(a)pyrene
Concen: 45.088 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112135.D
Acq: 18 Jan 2019 20:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.1	9.0	13.4





#91

Dibenzo(a,h)anthracene

Concen: 42.025 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

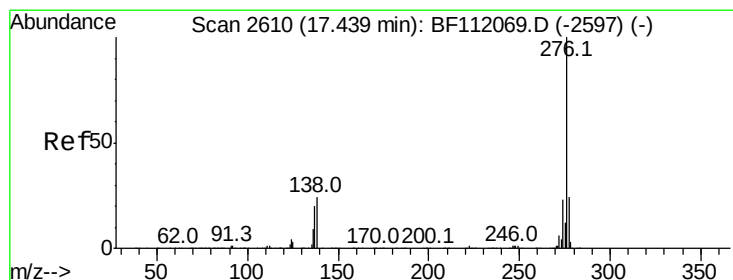
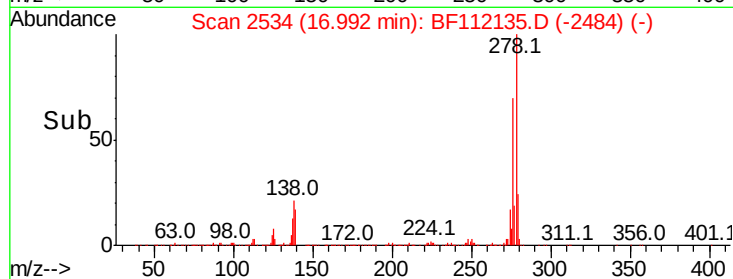
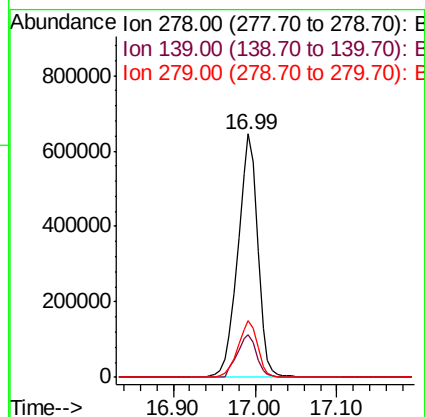
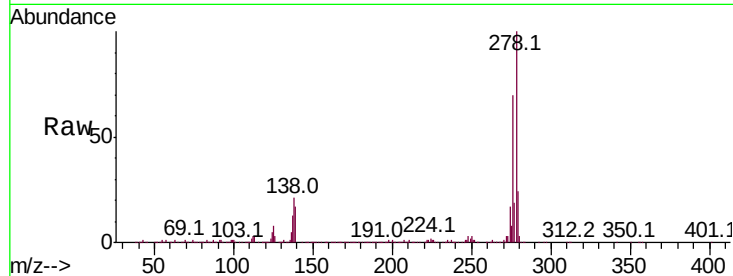
Instrument :
BNA_F
ClientSampleId :
PB116493BS

Tot Ion:278 Resp: 1095377

Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.7	20.5
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/21/2019 12:00:59 PM



#92

Benzo(g,h,i)perylene

Concen: 39.347 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BF112135.D

Acq: 18 Jan 2019 20:09

Tgt Ion:276 Resp: 1010354

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.4	29.0
138	22.8	19.1	28.7

