

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114461.D
 Acq On : 21 May 2019 17:37
 Operator : JU/SJ
 Sample : K2641-12MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Manual Integrations
 APPROVED

Sohil
 5/23/2019 8:15:46 AM

Quant Time: May 22 06:38:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	201759	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	797719	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	395556	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	760745	20.00	ng	0.00
76) Chrysene-d12	14.00	240	416205	20.00	ng	0.00
87) Perylene-d12	15.47	264	438399	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1408166	112.32	ng	0.01
7) Phenol-d6	6.49	99	1759394	118.65	ng	0.00
23) Nitrobenzene-d5	7.40	82	1233792	86.80	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	508723	124.40	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2146244	82.08	ng	0.00
79) Terphenyl-d14	12.94	244	2032650	100.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	211383	30.674	ng	# 82
3) Pyridine	3.47	79	476036	25.072	ng	96
4) n-Nitrosodimethylamine	3.39	42	314813	34.383	ng	98
6) Aniline	6.50	93	209801	9.795	ng	# 1
8) 2-Chlorophenol	6.63	128	595865	44.520	ng	95
9) Benzaldehyde	6.39	77	313942	30.242	ng	95
10) Phenol	6.50	94	656191	37.618	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	589774	44.535	ng	99
12) 1,3-Dichlorobenzene	6.77	146	549409	36.569	ng	100
13) 1,4-Dichlorobenzene	6.85	146	570043	37.653	ng	97
14) 1,2-Dichlorobenzene	7.00	146	528395	38.202	ng	99
15) Benzyl Alcohol	6.98	79	507451	43.878	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1055007	41.087	ng	58
17) 2-Methylphenol	7.10	107	469688	42.720	ng	# 90
18) Hexachloroethane	7.34	117	200603	35.300	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	430241	45.776	ng	98
20) 3+4-Methylphenols	7.26	107	613521	48.297	ng	# 57
22) Acetophenone	7.24	105	836956	47.360	ng	# 90
24) Nitrobenzene	7.42	77	651300	44.987	ng	98
25) Isophorone	7.66	82	1208389	45.838	ng	99
26) 2-Nitrophenol	7.73	139	324860	46.250	ng	99
27) 2,4-Dimethylphenol	7.77	122	542336	49.161	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	774986	45.308	ng	99
29) 2,4-Dichlorophenol	7.98	162	522246	47.542	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	518794	41.532	ng	99
31) Naphthalene	8.13	128	1675191	44.956	ng	99
32) Benzoic acid	7.92	122	263636	35.634	ng	99
33) 4-Chloroaniline	8.19	127	106105	6.249	ng	95
34) Hexachlorobutadiene	8.25	225	284286	39.998	ng	97
35) Caprolactam	8.57	113	159312m	44.477	ng	
36) 4-Chloro-3-methylphenol	8.69	107	563402	50.953	ng	97
37) 2-Methylnaphthalene	8.83	142	1176236	48.925	ng	98
38) 1-Methylnaphthalene	8.93	142	1122827	49.594	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	544001	45.401	ng	99

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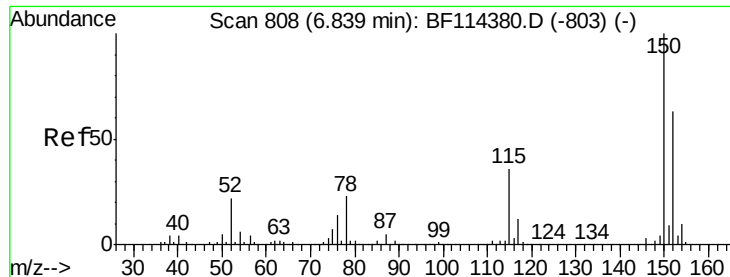
Manual Integrations
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 5/23/2019 8:15:46 AM

Quant Time: May 22 06:38:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	67222	15.715	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	366864	44.513	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	384371	45.476	ng	97
46) 1,1'-Biphenyl	9.29	154	1447159	45.287	ng	100
47) 2-Chloronaphthalene	9.32	162	1117641	43.458	ng	96
48) 2-Nitroaniline	9.42	65	398151	43.654	ng	98
49) Acenaphthylene	9.73	152	1779094	45.484	ng	99
50) Dimethylphthalate	9.59	163	1368274	47.121	ng	100
51) 2,6-Dinitrotoluene	9.66	165	306457	47.583	ng #	83
52) Acenaphthene	9.90	154	1047991	43.662	ng	98
53) 3-Nitroaniline	9.83	138	101040	12.638	ng	98
54) 2,4-Dinitrophenol	9.95	184	95290	33.688	ng	97
55) Dibenzofuran	10.08	168	1525060	43.330	ng	96
56) 4-Nitrophenol	10.02	139	357733	63.272	ng	99
57) 2,4-Dinitrotoluene	10.07	165	376813	43.105	ng #	81
58) Fluorene	10.42	166	1248028	45.907	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	324853	44.543	ng	98
60) Diethylphthalate	10.29	149	1382010	46.842	ng	100
61) 4-Chlorophenyl-phenylether	10.41	204	611239	45.778	ng	98
62) 4-Nitroaniline	10.45	138	283610	33.759	ng	99
63) Azobenzene	10.57	77	1291051	45.208	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	71382	19.527	ng	90
66) n-Nitrosodiphenylamine	10.53	169	1142618	49.488	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	394522	47.101	ng	98
68) Hexachlorobenzene	10.97	284	402967	43.488	ng	99
69) Atrazine	11.06	200	353648	49.219	ng	97
70) Pentachlorophenol	11.17	266	350555	79.806	ng	99
71) Phenanthrene	11.39	178	1708970	46.174	ng	98
72) Anthracene	11.43	178	1766063	47.507	ng	100
73) Carbazole	11.59	167	1649252	46.524	ng	99
74) Di-n-butylphthalate	11.91	149	2154023	52.742	ng	99
75) Fluoranthene	12.57	202	1634039	40.998	ng	100
77) Benzidine	12.69	184	534385	28.603	ng	95
78) Pyrene	12.80	202	1599976	47.787	ng	99
80) Butylbenzylphthalate	13.40	149	804785	57.106	ng	96
81) Benzo(a)anthracene	13.99	228	1267306	47.077	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	348020	33.326	ng	99
83) Chrysene	14.03	228	1248002	47.292	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1081855	58.696	ng	100
85) Di-n-octyl phthalate	14.58	149	1699006	56.864	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1033989	44.335	ng	100
88) Benzo(b)fluoranthene	15.04	252	1377232	49.036	ng	99
89) Benzo(k)fluoranthene	15.07	252	1162030	45.040	ng	100
90) Benzo(a)pyrene	15.42	252	1184481	47.919	ng	98
91) Dibenzo(a,h)anthracene	16.96	278	890543	43.357	ng	100
92) Benzo(g,h,i)perylene	17.40	276	830588	40.351	ng	100

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



#1

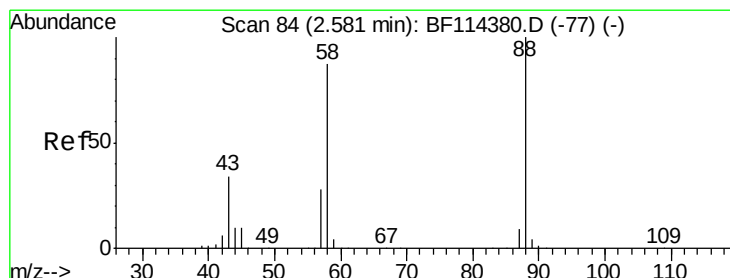
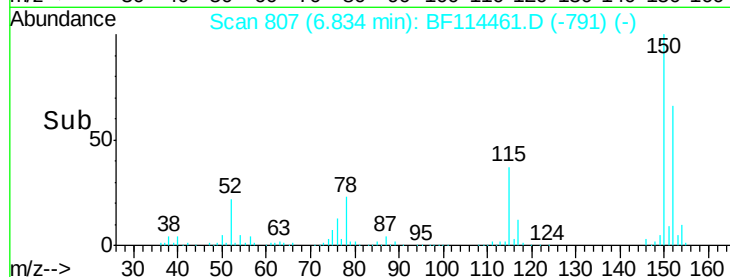
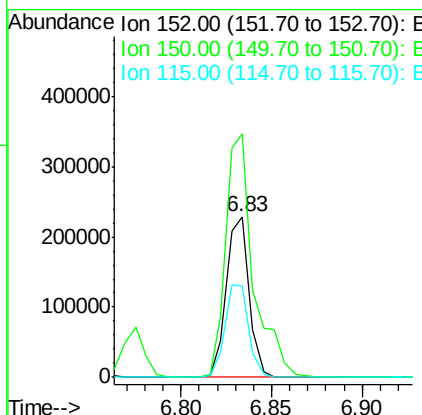
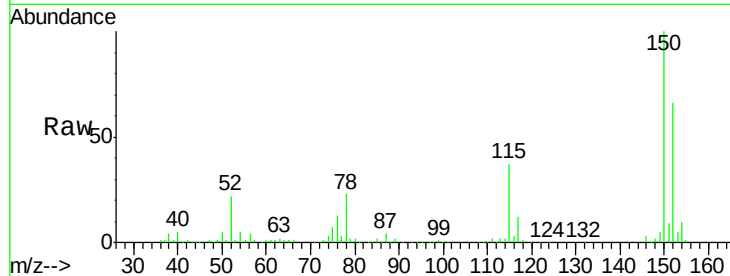
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201759		
150	151.6	124.3	186.5	
115	56.6	49.1	73.7	

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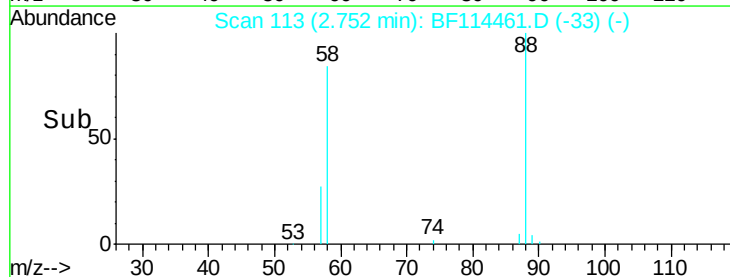
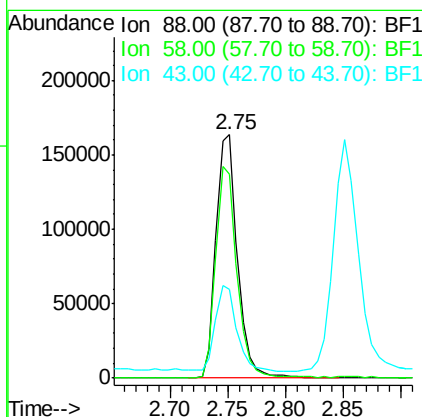
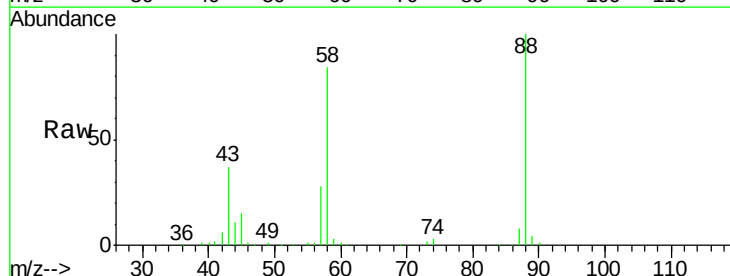
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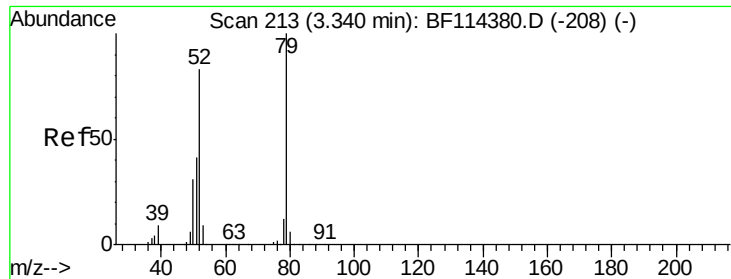


#2

1,4-Dioxane
Concen: 30.674 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.17 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	211383		
58	85.9	68.7	103.1	
43	0.0	28.2	42.2	





#3

Pyridine

Concen: 25.072 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.13 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

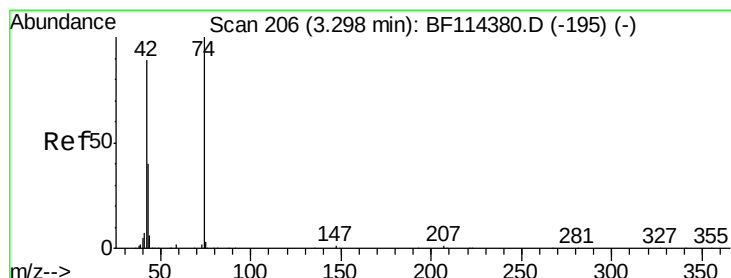
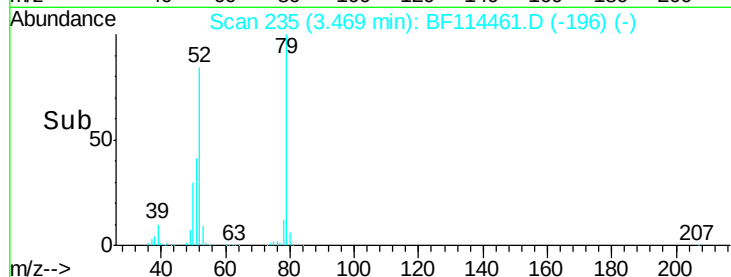
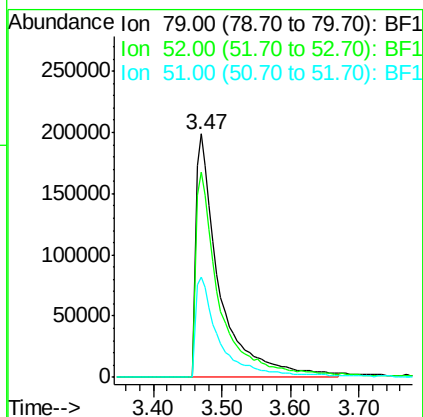
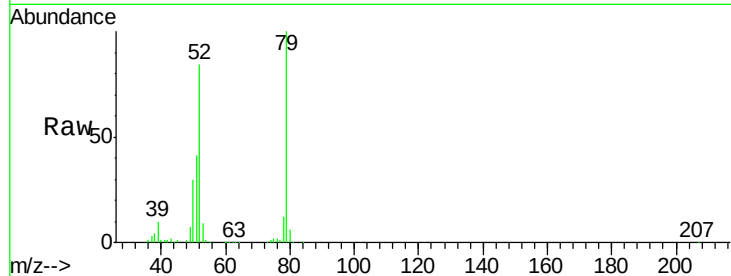
ClientSampleId :

CL-03-051719MS

Tgt Ion:	79	Resp:	476036
Ion Ratio	Lower	Upper	
79	100		
52	84.1	70.6	105.8
51	41.4	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.383 ng

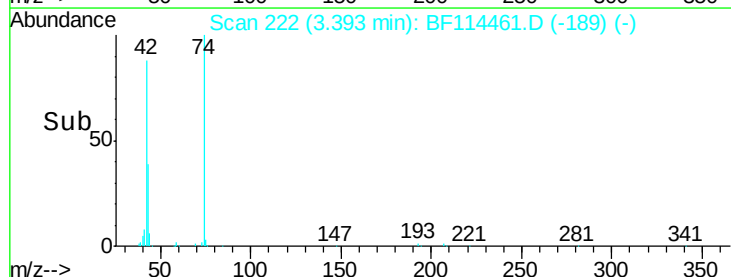
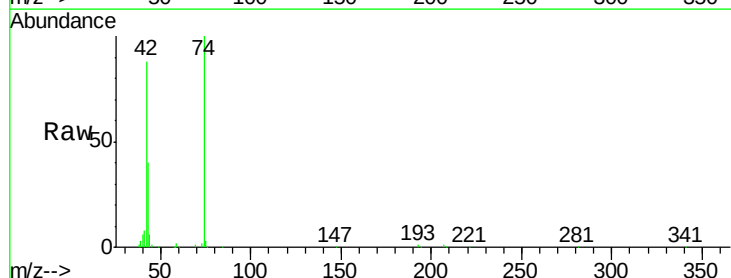
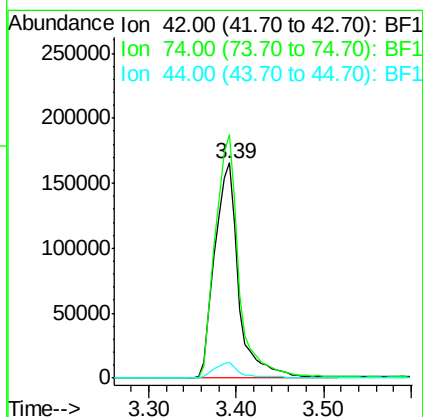
RT: 3.39 min Scan# 222

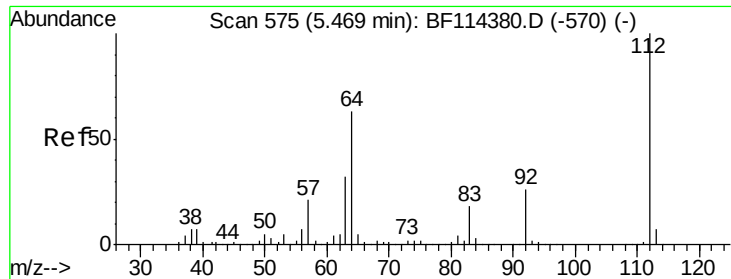
Delta R.T. 0.09 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	42	Resp:	314813
Ion Ratio	Lower	Upper	
42	100		
74	113.3	88.6	132.8
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 112.318 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion: 112 Resp: 1408166

Ion Ratio Lower Upper

112 100

64 64.9 49.0 73.6

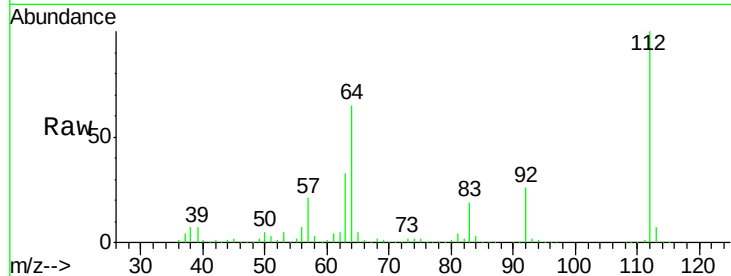
63 33.2 24.6 37.0

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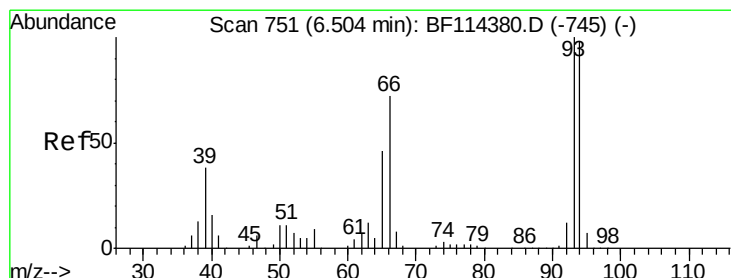
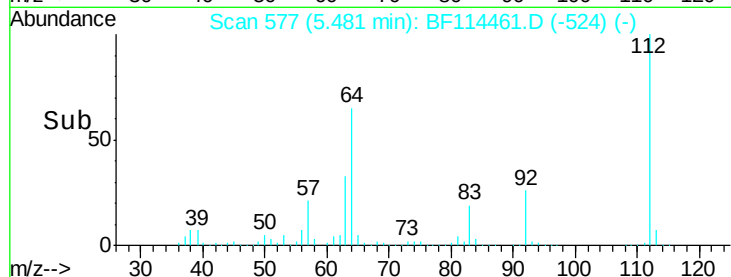
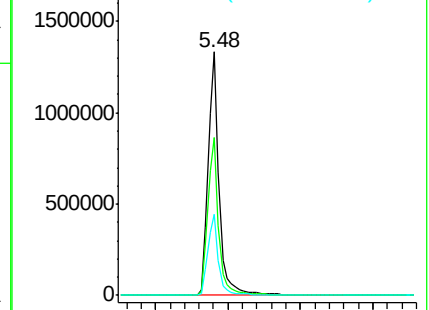
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.795 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

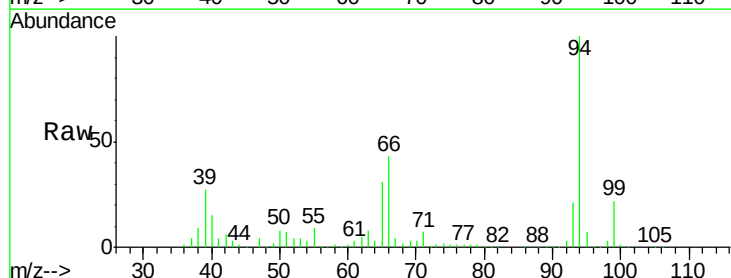
Tgt Ion: 93 Resp: 209801

Ion Ratio Lower Upper

93 100

66 205.4 33.2 49.8#

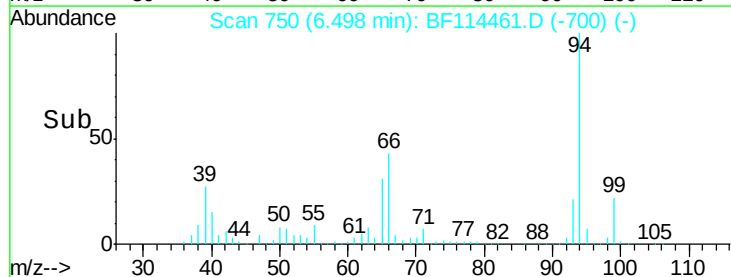
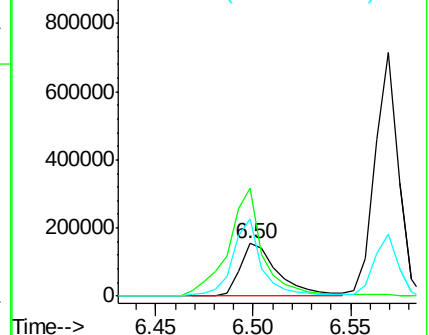
65 147.5 17.6 26.4#

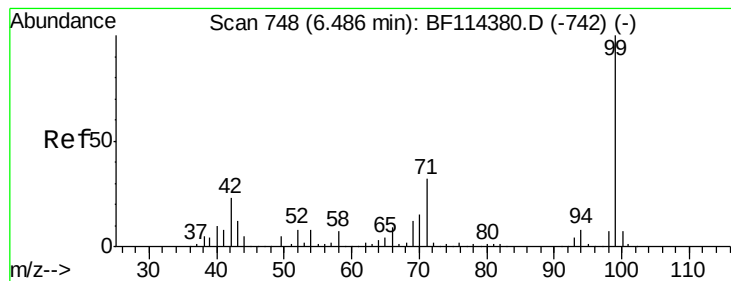


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.651 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion: 99 Resp: 1759394

Ion Ratio Lower Upper

99 100

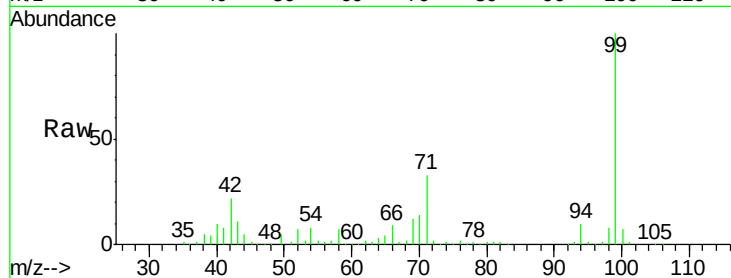
42 21.8 17.9 26.9

71 33.2 26.2 39.2

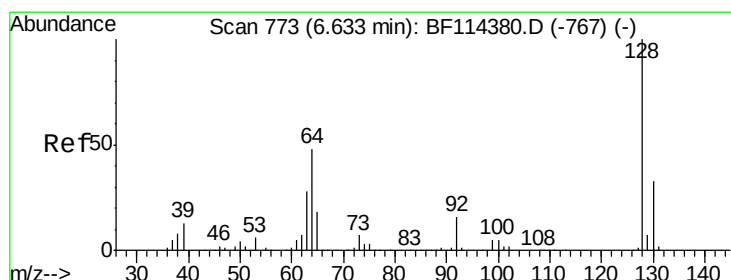
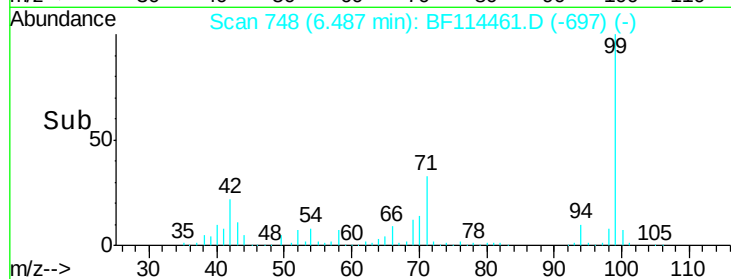
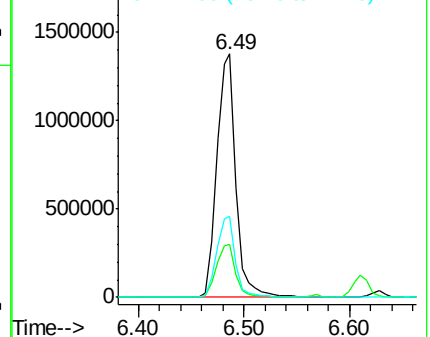
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.520 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

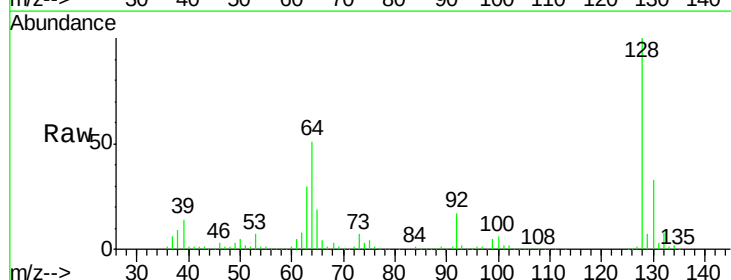
Tgt Ion: 128 Resp: 595865

Ion Ratio Lower Upper

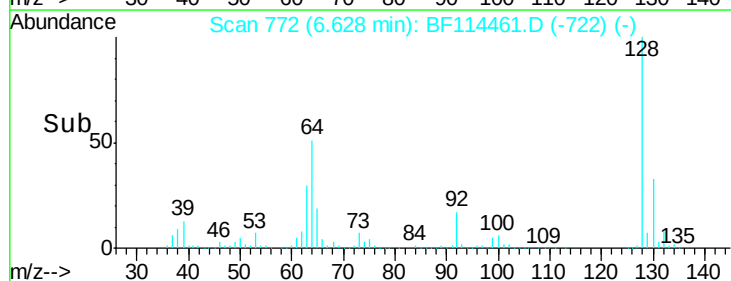
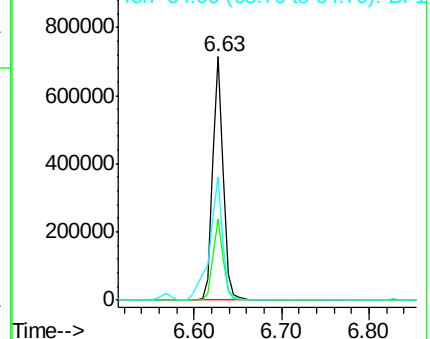
128 100

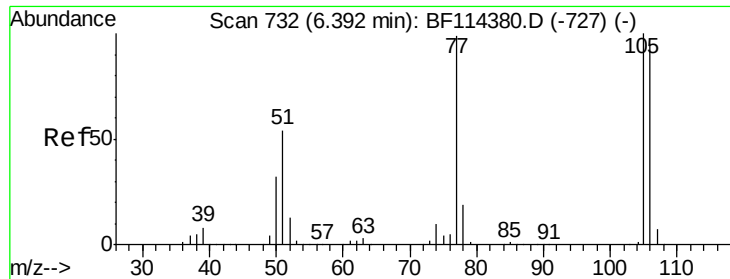
130 33.2 12.6 52.6

64 50.8 35.9 75.9



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: 30.242 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

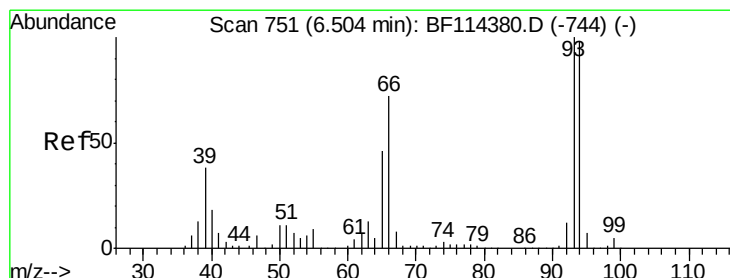
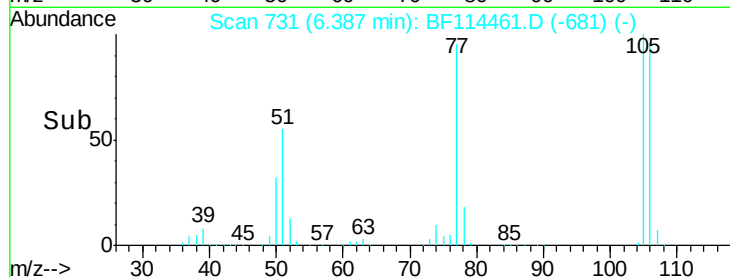
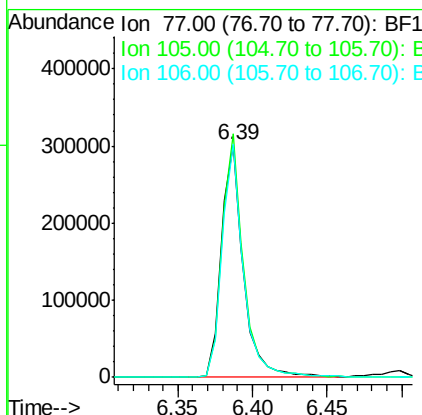
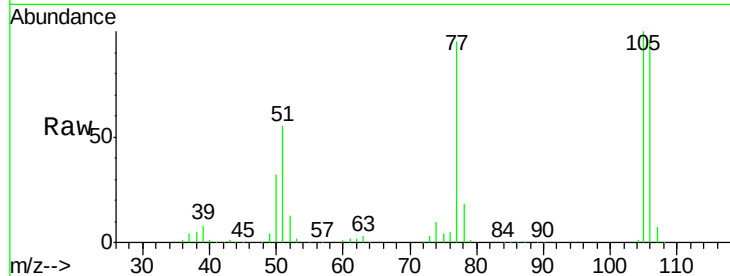
ClientSampleId :

CL-03-051719MS

Tgt Ion:	77	Resp:	313942
Ion Ratio	Lower	Upper	
77	100		
105	104.8	79.3	119.3
106	100.4	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 37.618 ng

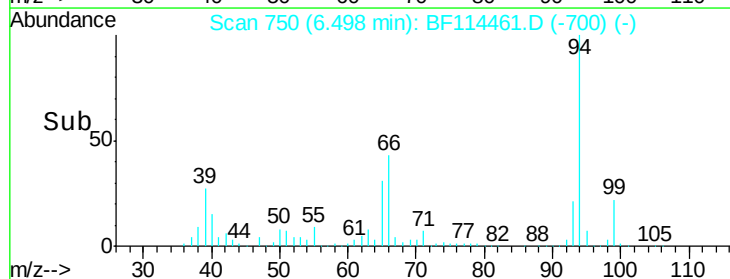
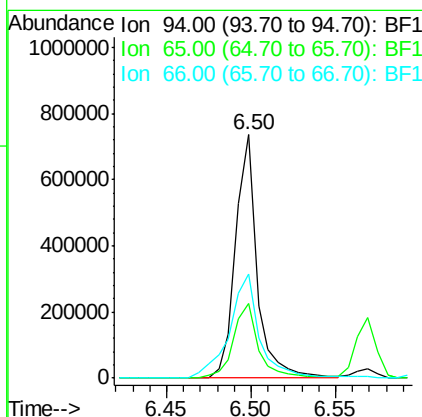
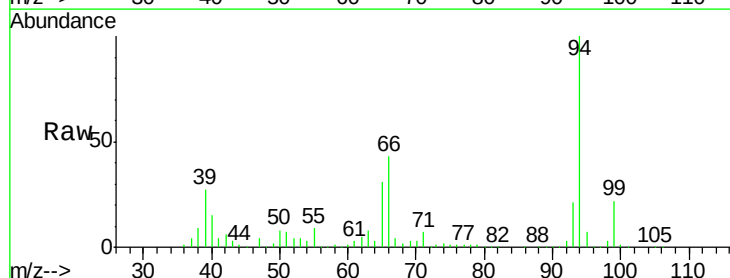
RT: 6.50 min Scan# 750

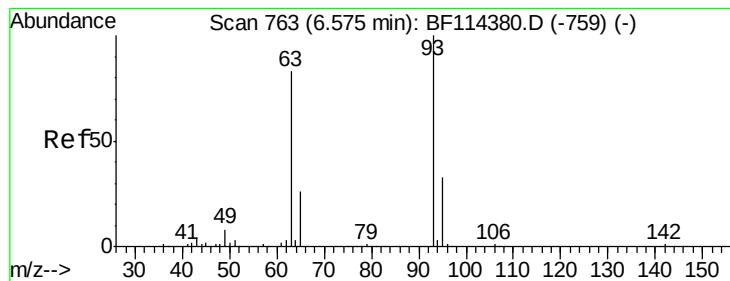
Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	94	Resp:	656191
Ion Ratio	Lower	Upper	
94	100		
65	30.9	14.7	54.7
66	43.0	29.6	69.6





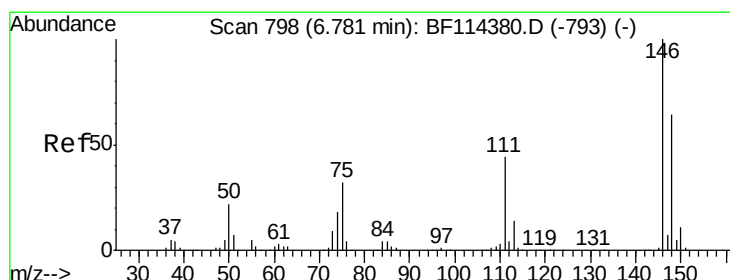
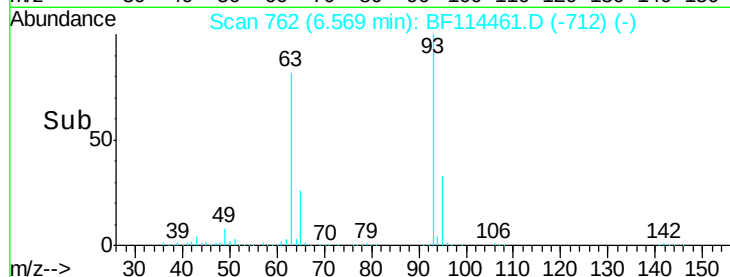
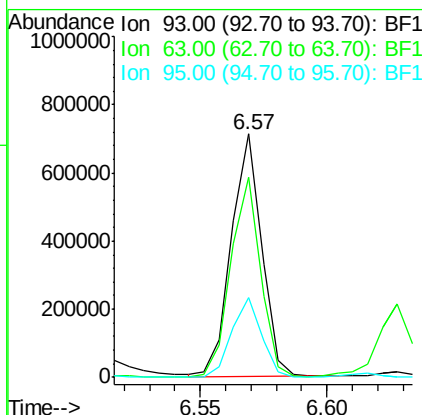
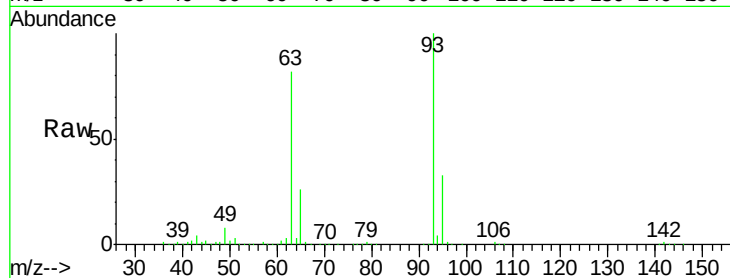
#11
bis(2-Chloroethyl)ether
Concen: 44.535 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.0	63.6	103.6
95	32.9	13.1	53.1

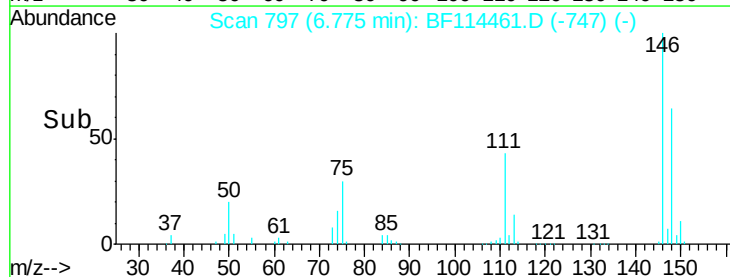
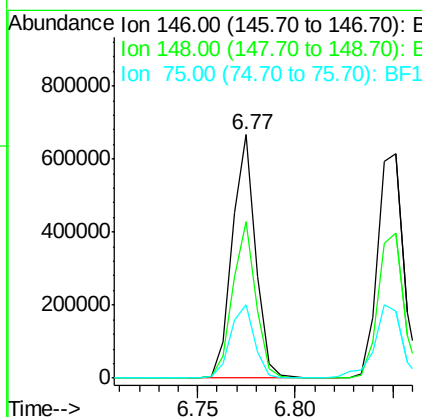
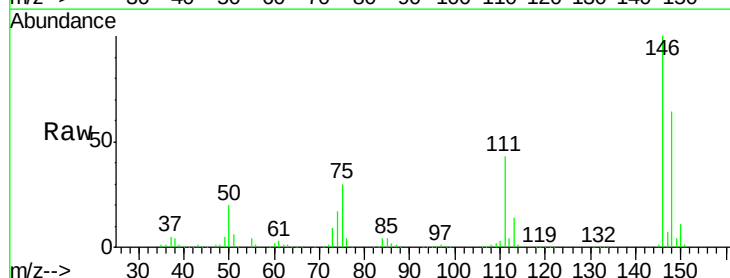
Manual Integrations
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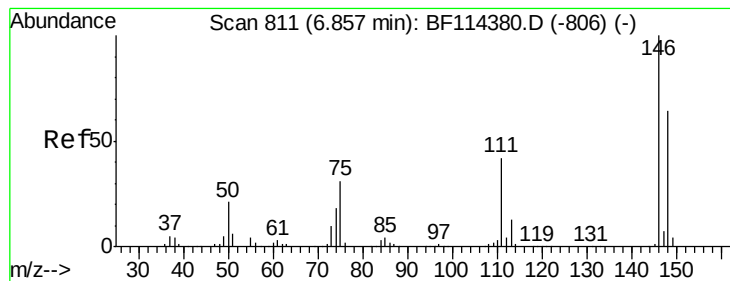
Sohil
5/23/2019 8:15:46 AM



#12
1,3-Dichlorobenzene
Concen: 36.569 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
75	30.1	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 37.653 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

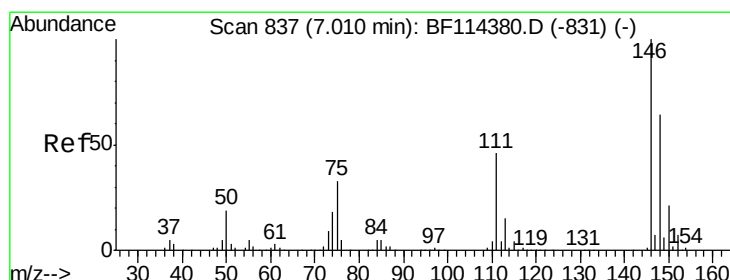
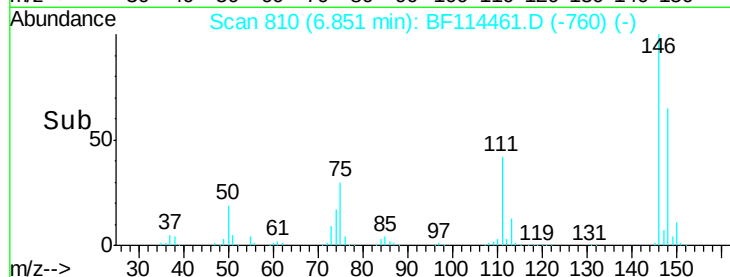
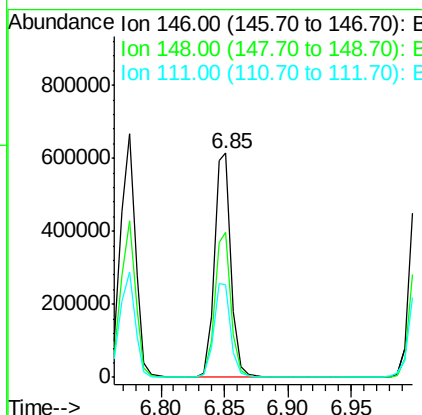
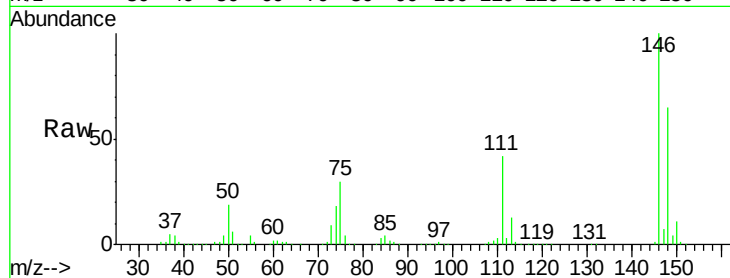
ClientSampleId :

CL-03-051719MS

Tgt Ion:	146	Resp:	570043
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.2	75.2
111	41.5	35.8	53.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.202 ng

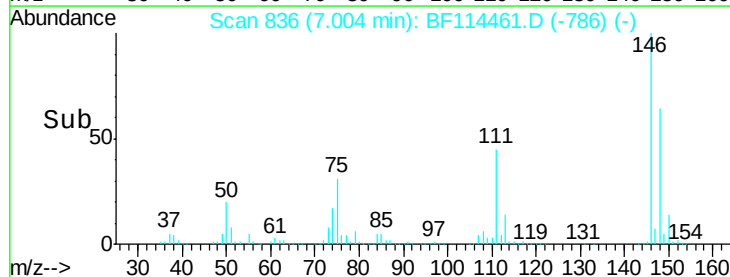
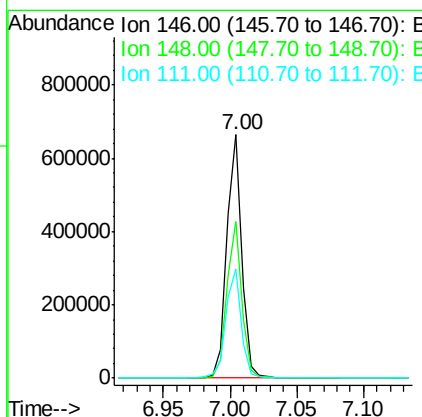
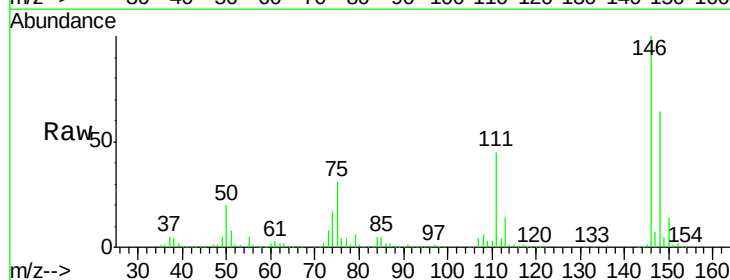
RT: 7.00 min Scan# 836

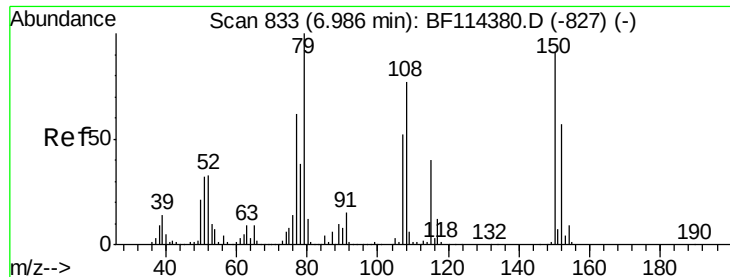
Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	146	Resp:	528395
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.1	76.7
111	44.6	35.3	52.9





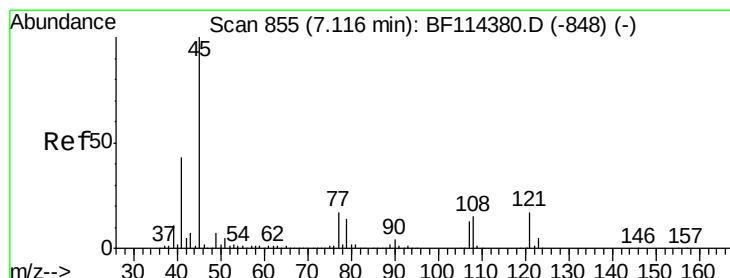
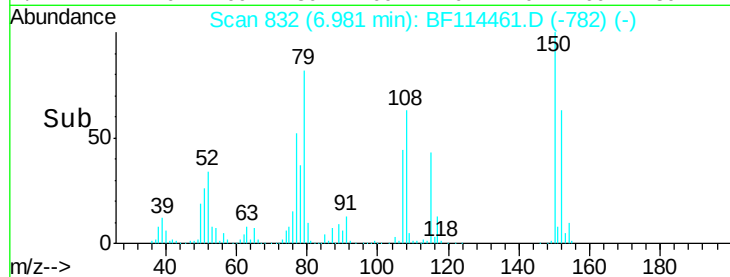
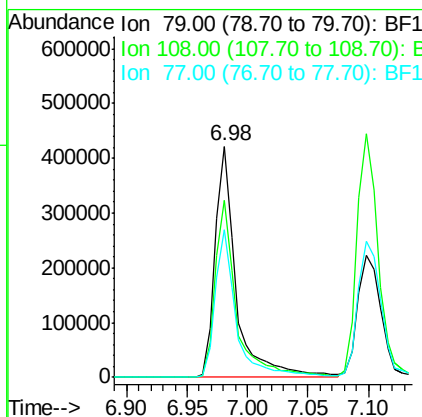
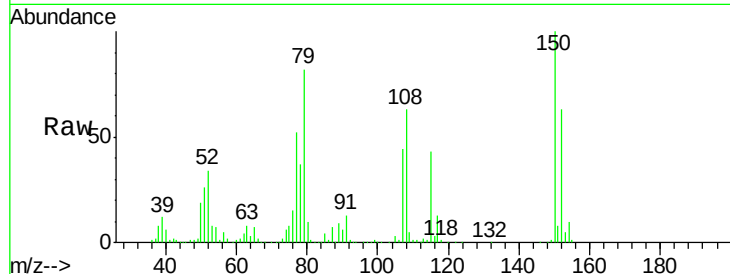
#15
Benzyl Alcohol
Concen: 43.878 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.7	62.1	93.1
77	63.9	51.0	76.6

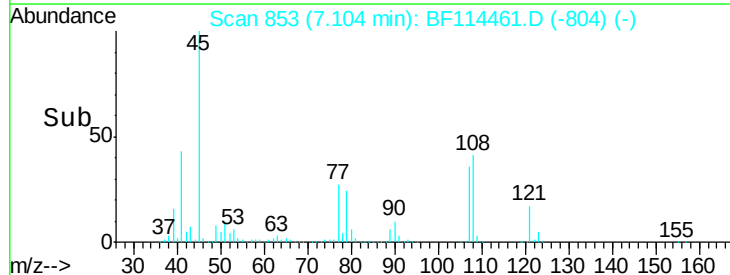
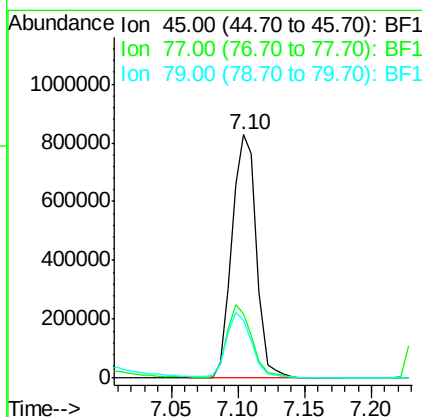
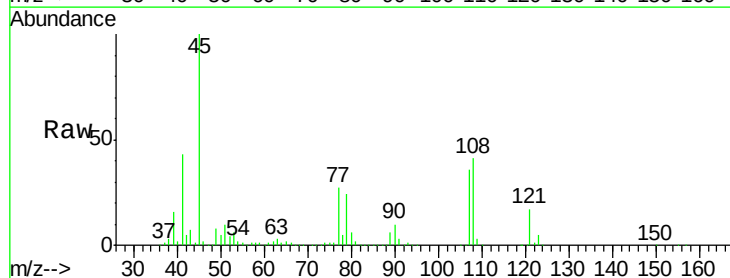
Manual Integrations
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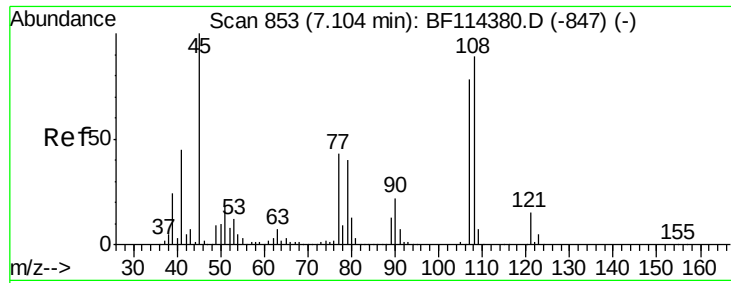
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.087 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.7	0.0	31.1
79	23.9	0.0	28.4





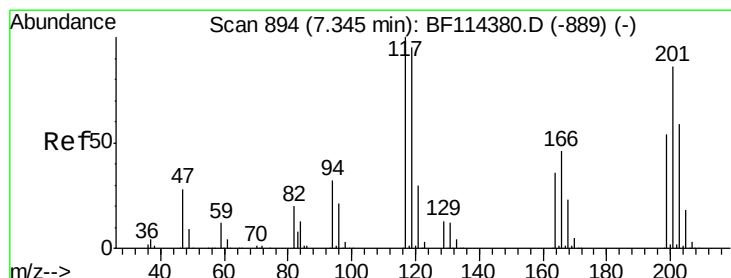
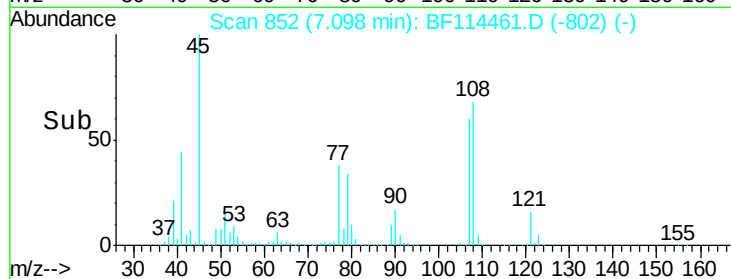
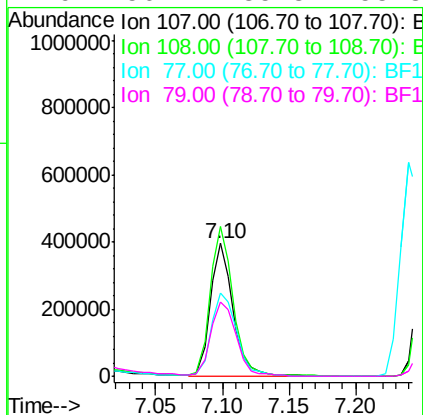
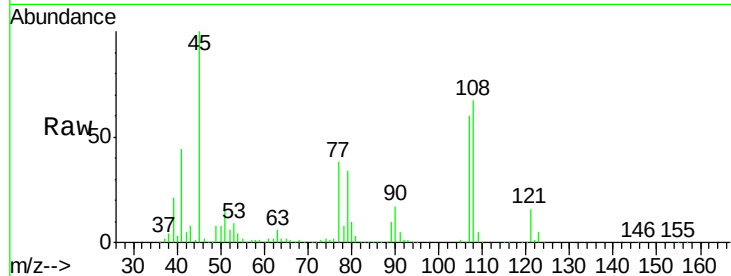
#17
2-Methylphenol
Concen: 42.720 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	469688		
108	112.2	90.5	135.7	
77	62.5	37.0	55.4	
79	56.2	35.8	53.8	

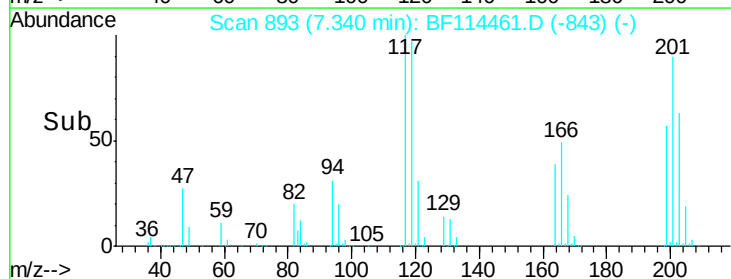
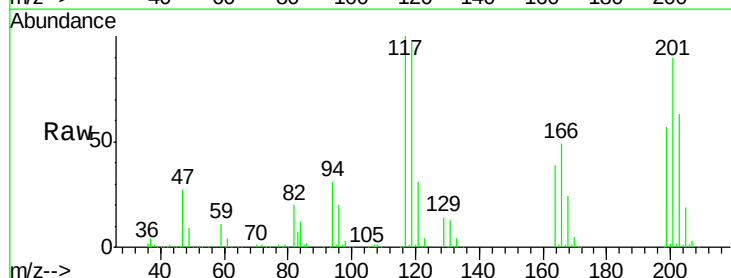
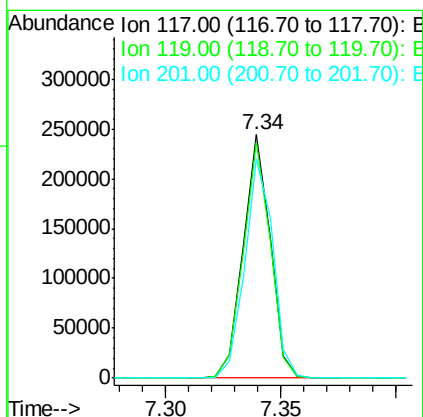
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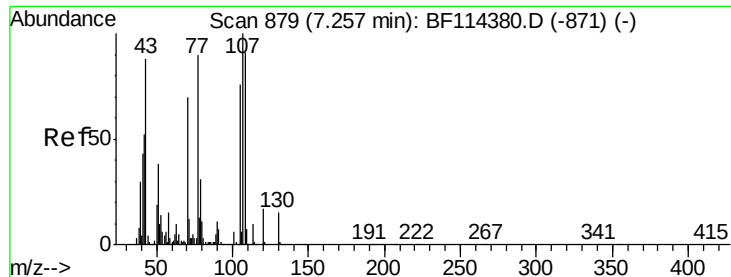
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#18
Hexachloroethane
Concen: 35.300 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	200603		
119	96.8	77.4	116.2	
201	89.8	74.5	111.7	





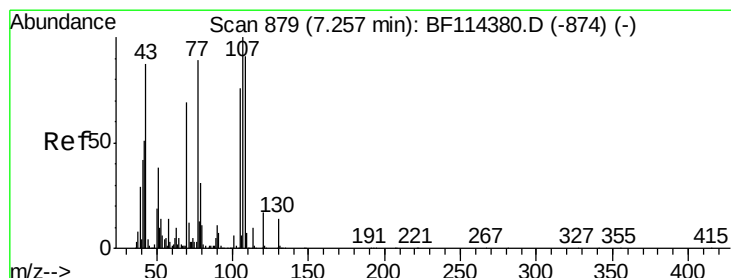
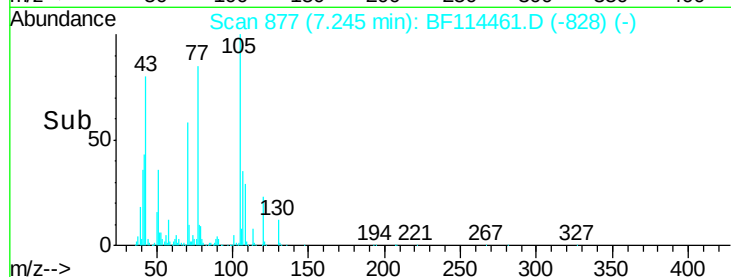
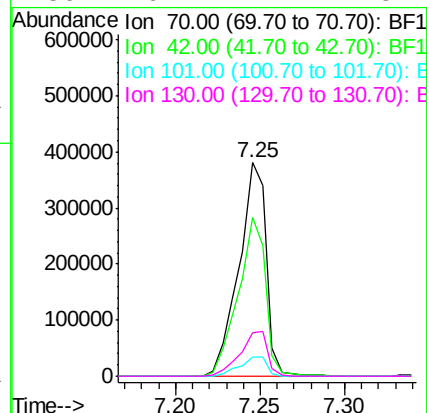
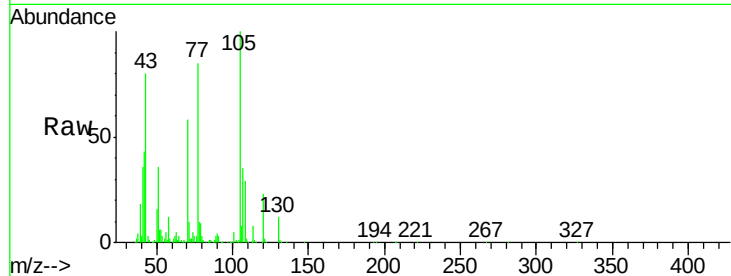
#19
n-Nitroso-di-n-propylamine
Concen: 45.776 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	430241		
42	74.3	58.6	87.8	
101	9.0	7.8	11.8	
130	20.2	17.1	25.7	

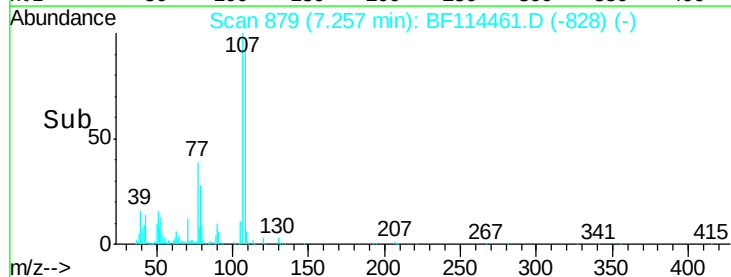
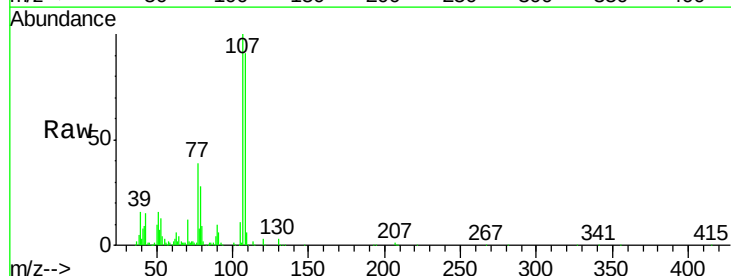
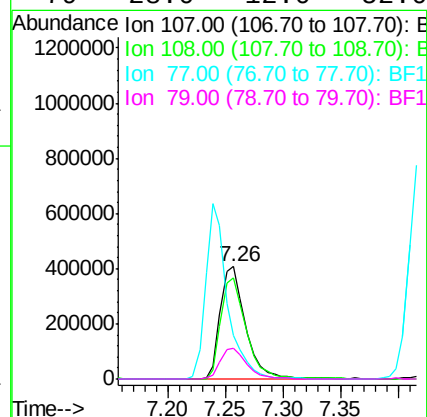
Manual Integrations
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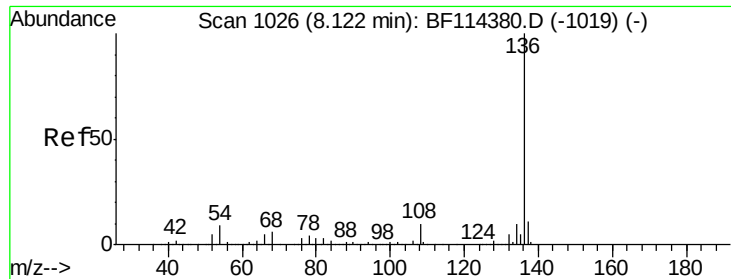
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#20
3+4-Methylphenols
Concen: 48.297 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	613521		
108	90.6	73.8	113.8	
77	38.7	111.5	151.5#	
79	28.0	12.0	52.0	





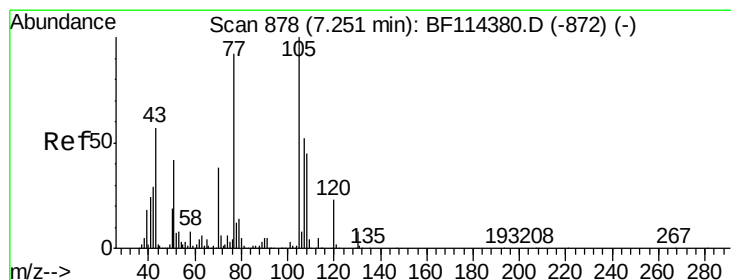
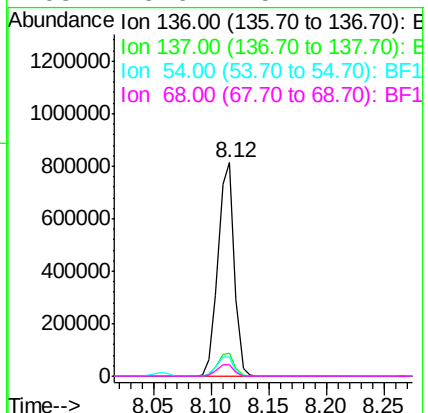
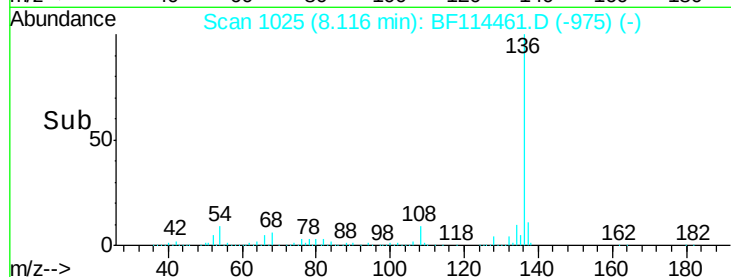
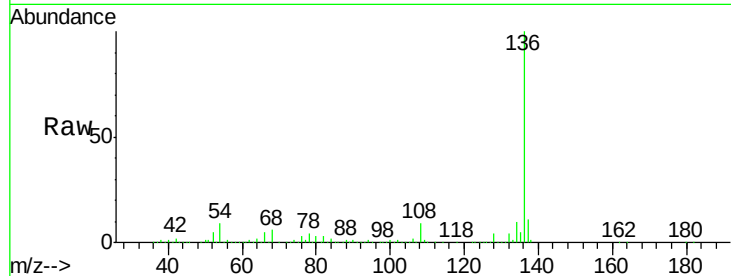
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	797719		
137	11.1	8.8	13.2	
54	8.8	7.8	11.8	
68	5.6	5.1	7.7	

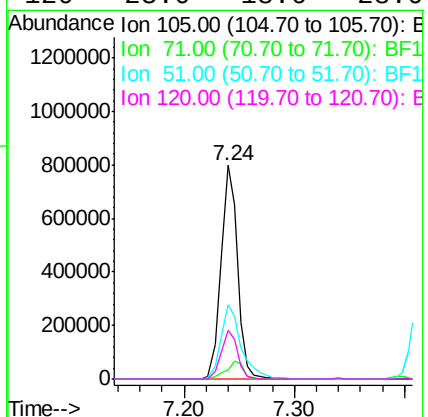
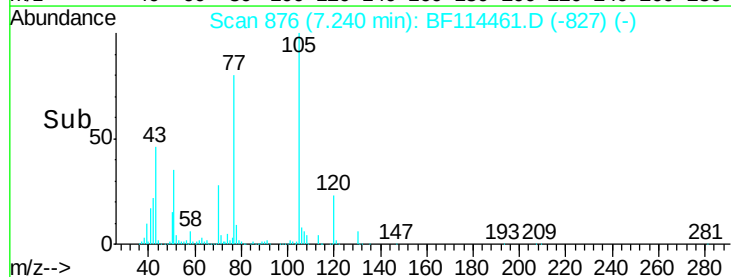
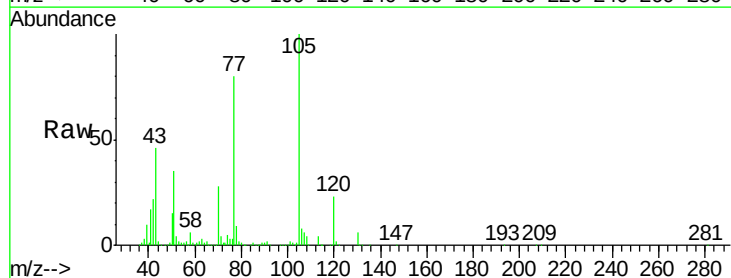
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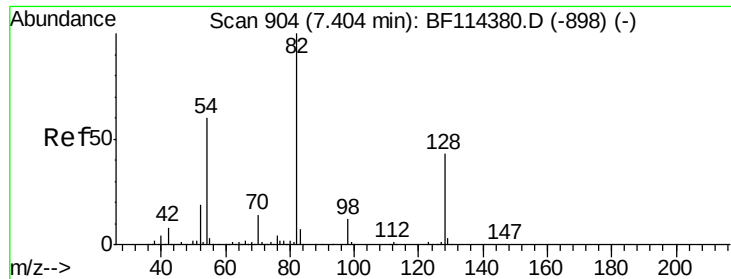
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#22
Acetophenone
Concen: 47.360 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	836956		
71	4.4	5.3	7.9#	
51	34.8	36.2	54.4#	
120	23.0	18.6	28.0	





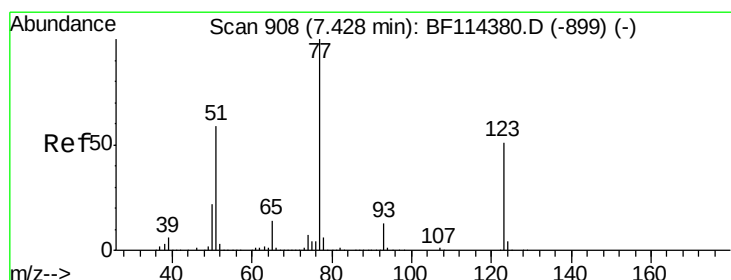
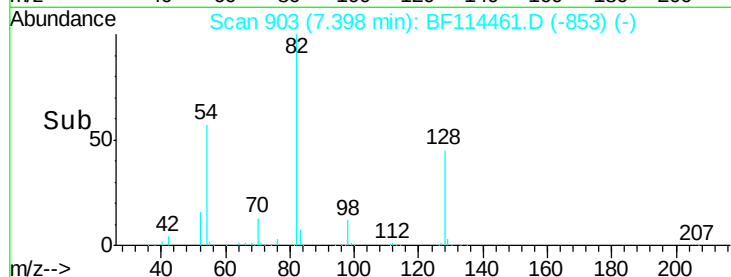
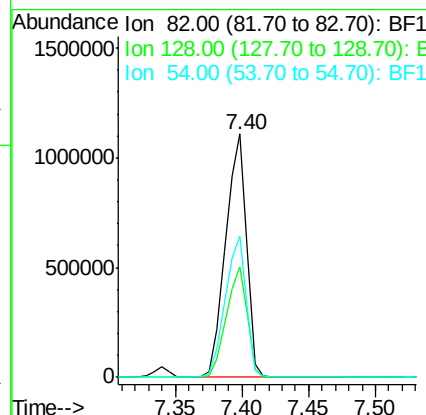
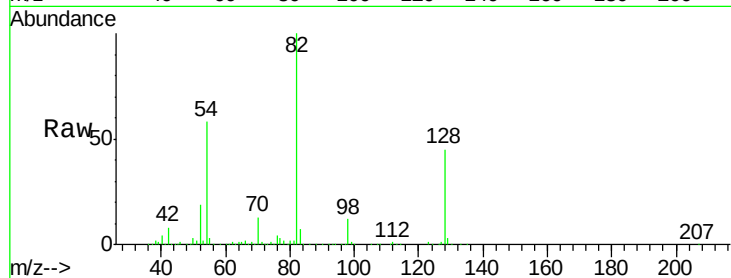
#23
 Nitrobenzene-d5
 Concen: 86.798 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.5	53.3
54	58.2	48.5	72.7

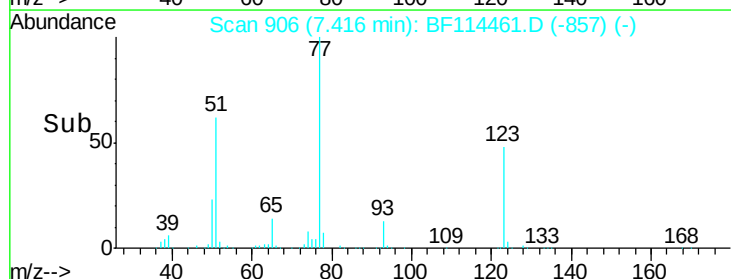
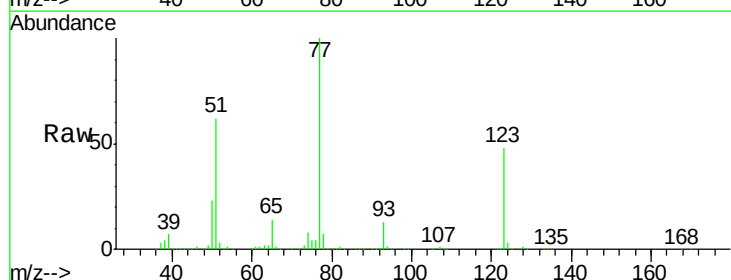
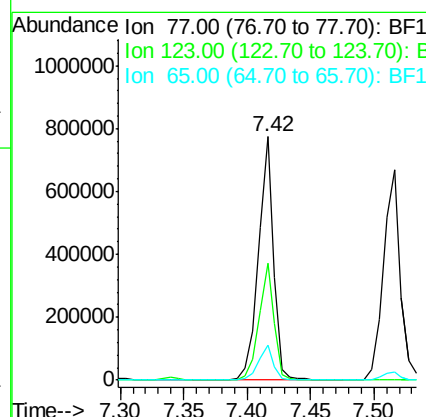
Manual Integrations
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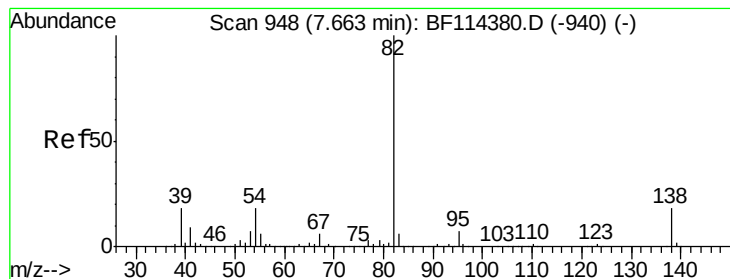
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#24
 Nitrobenzene
 Concen: 44.987 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	36.9	55.3
65	14.3	11.8	17.6





#25

Isophorone

Concen: 45.838 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion: 82 Resp: 1208389

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

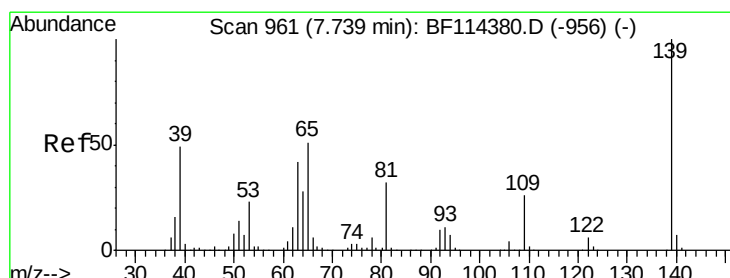
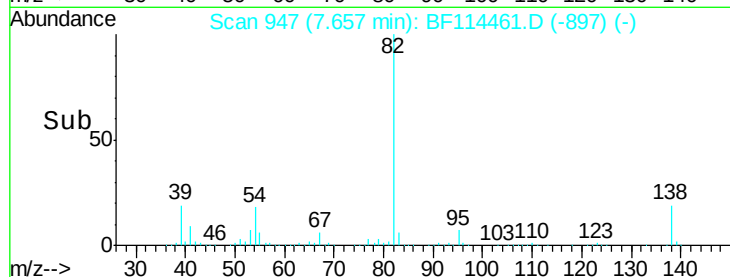
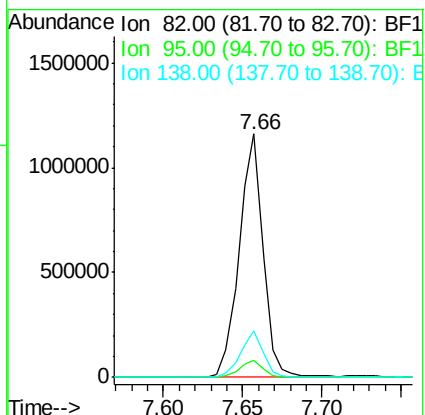
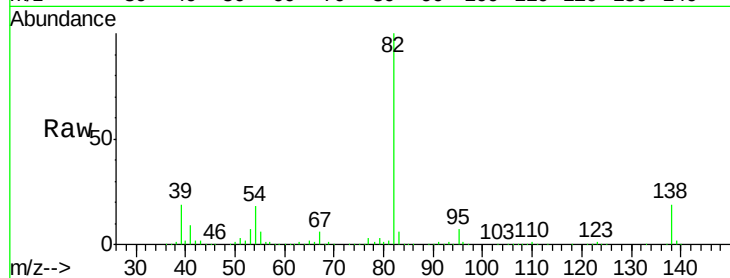
138 19.0 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.250 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

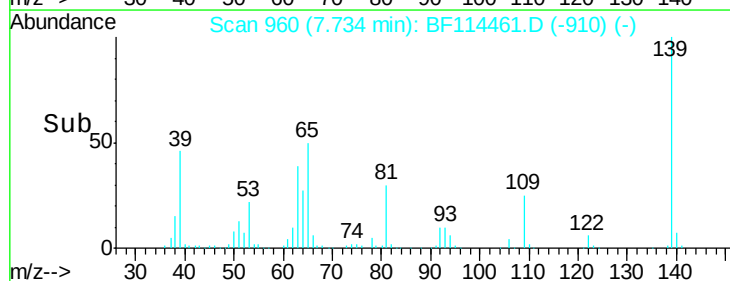
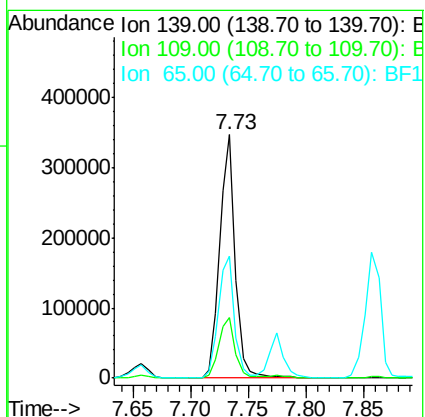
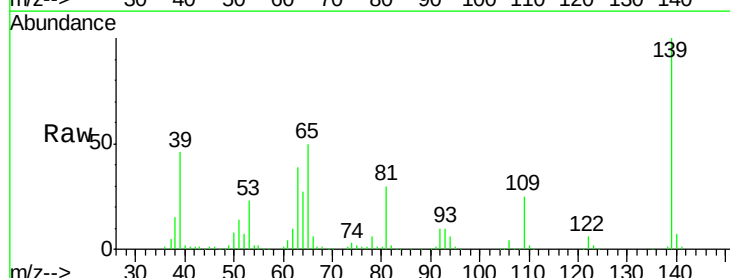
Tgt Ion: 139 Resp: 324860

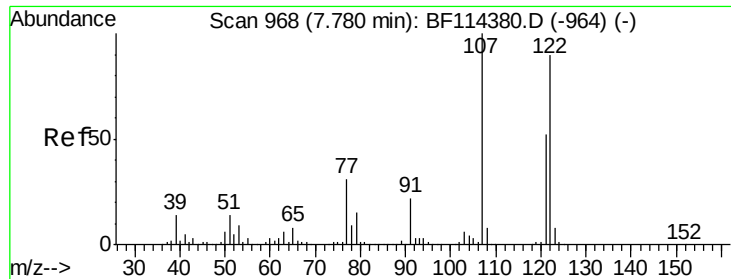
Ion Ratio Lower Upper

139 100

109 25.1 20.7 31.1

65 50.3 40.2 60.2





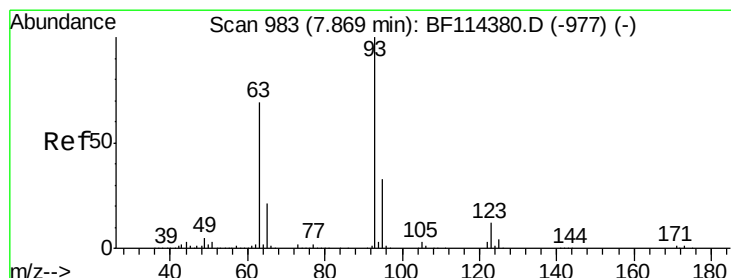
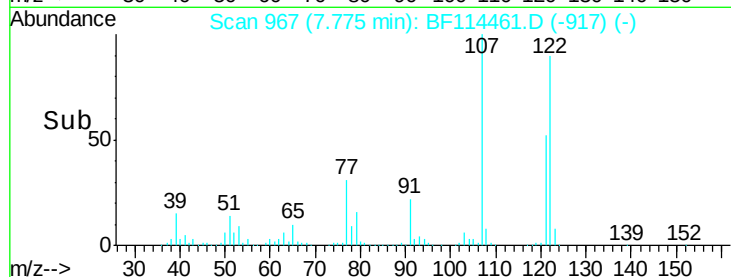
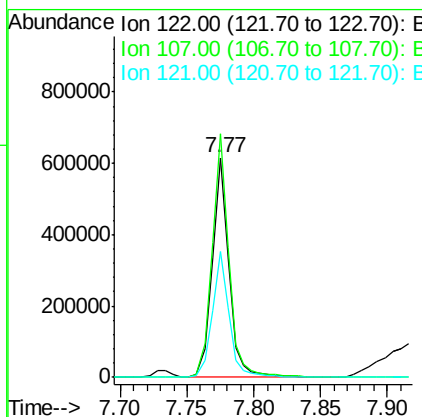
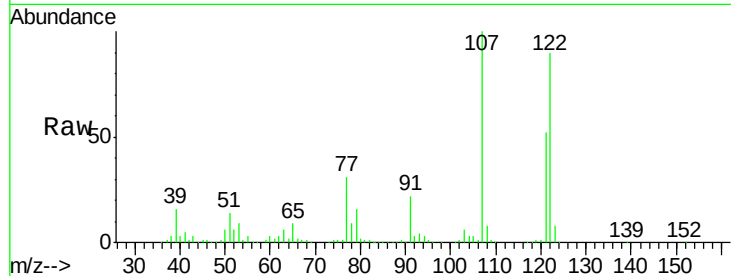
#27
2,4-Dimethylphenol
Concen: 49.161 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	542336		
107	110.8	88.4	132.6	
121	57.6	45.9	68.9	

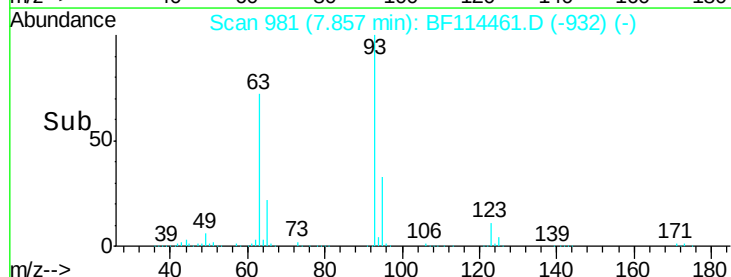
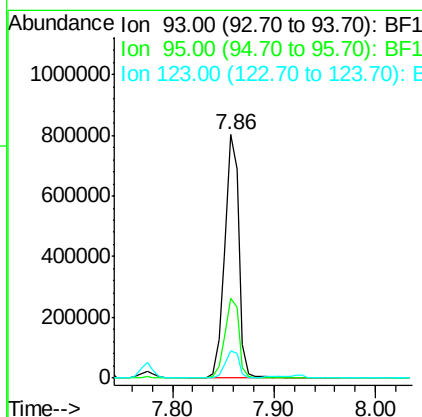
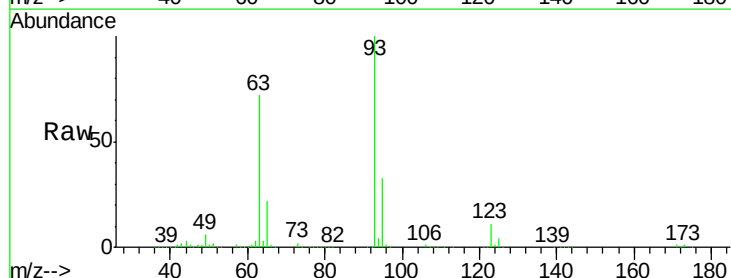
Manual Integrations
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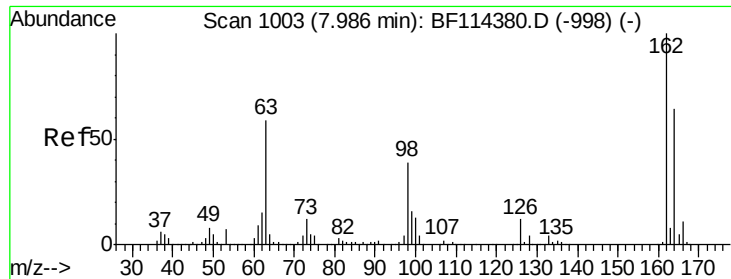
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 45.308 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	774986		
95	32.9	26.8	40.2	
123	11.0	9.5	14.3	





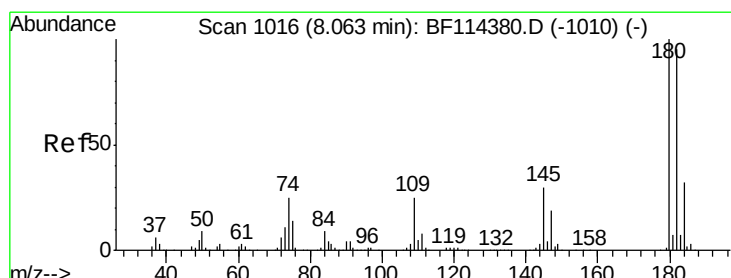
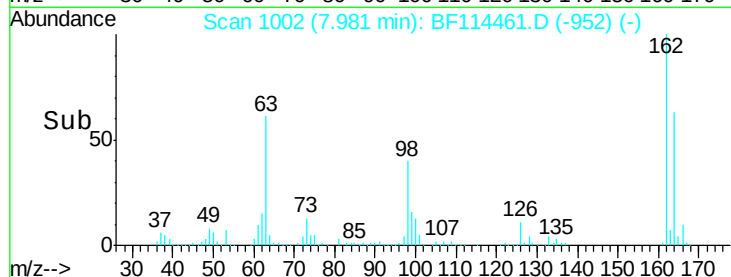
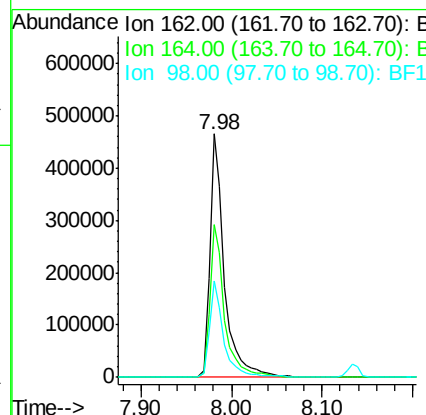
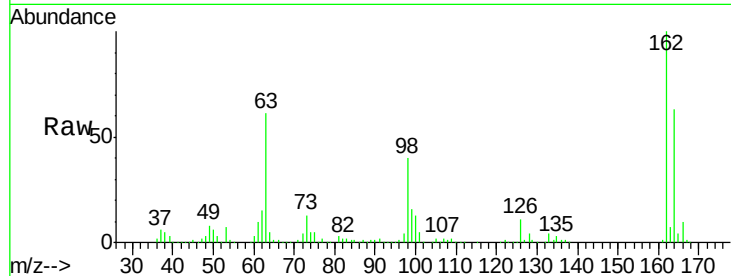
#29
2,4-Dichlorophenol
Concen: 47.542 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	522246		
164	62.7	43.6	83.6	
98	39.6	20.6	60.6	

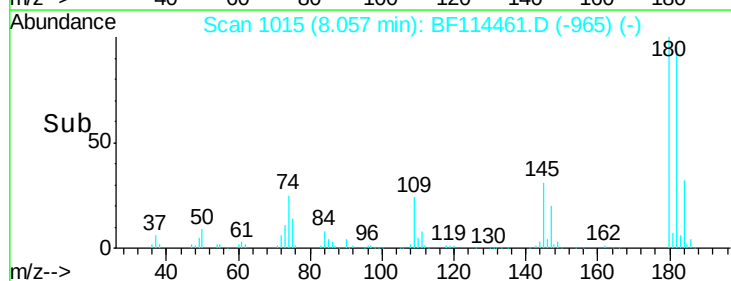
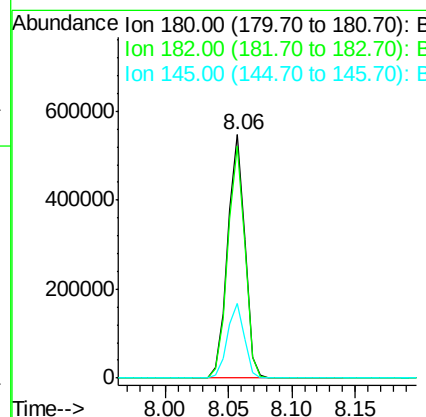
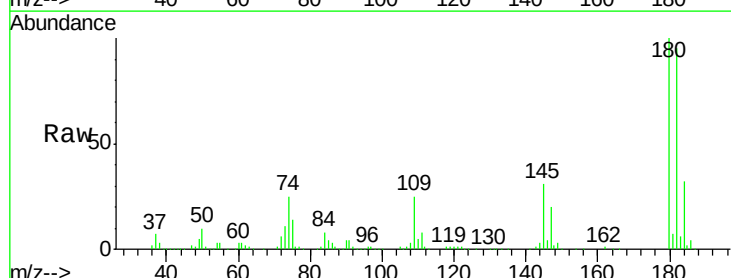
Manual Integrations
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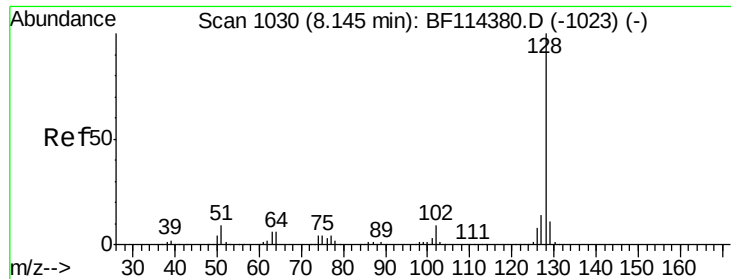
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#30
1,2,4-Trichlorobenzene
Concen: 41.532 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	518794		
182	95.3	76.6	114.8	
145	30.6	25.1	37.7	





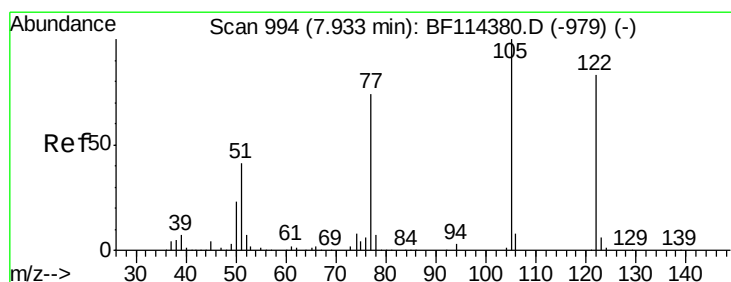
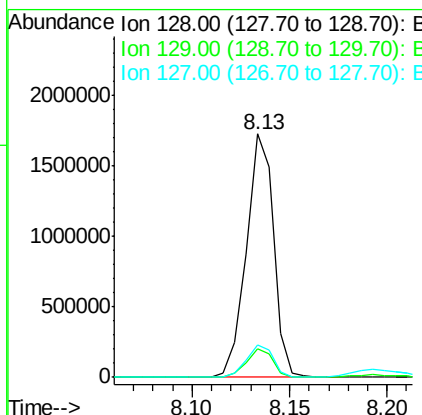
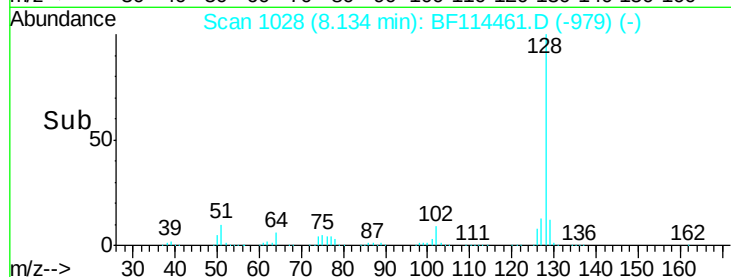
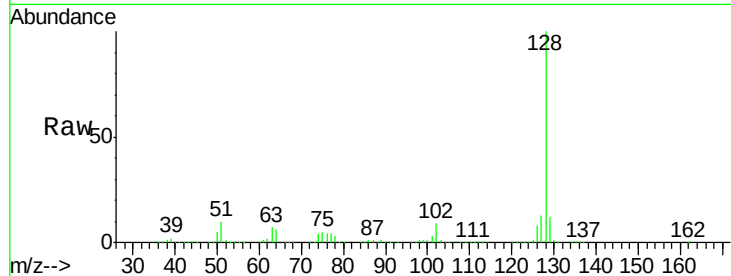
#31
Naphthalene
Concen: 44.956 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	13.4	11.3	16.9

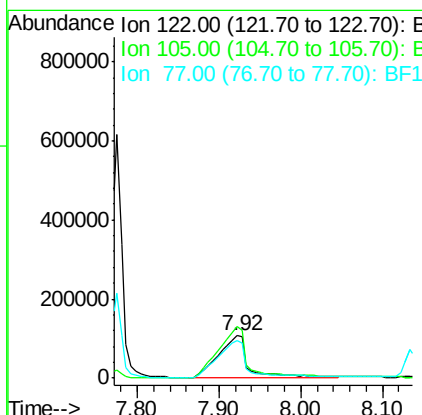
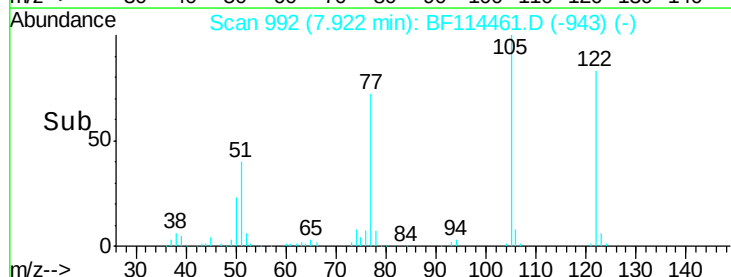
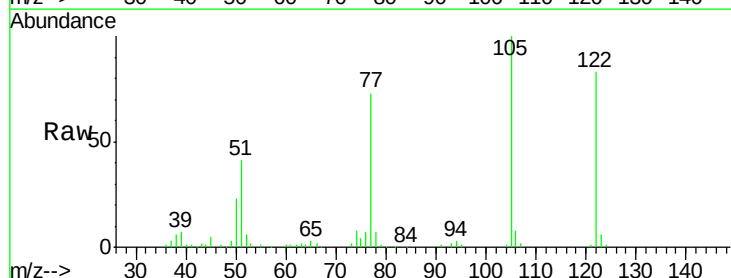
Manual Integrations
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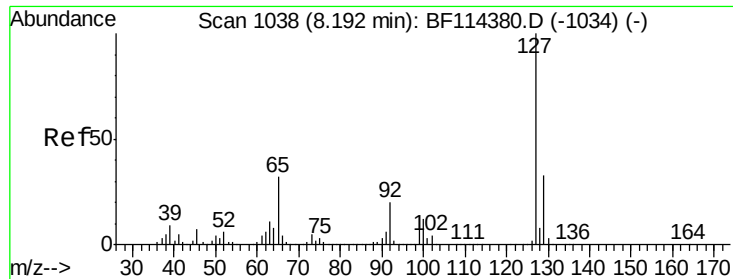
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#32
Benzoic acid
Concen: 35.634 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	99.9	139.9
77	88.1	69.4	109.4





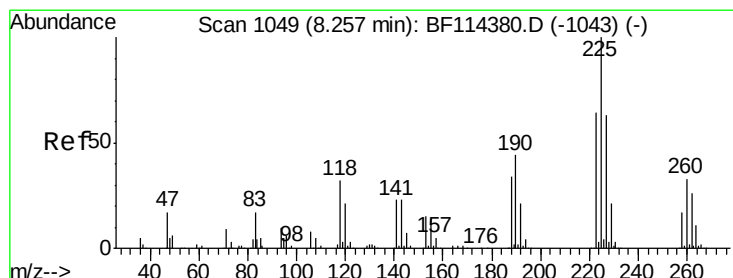
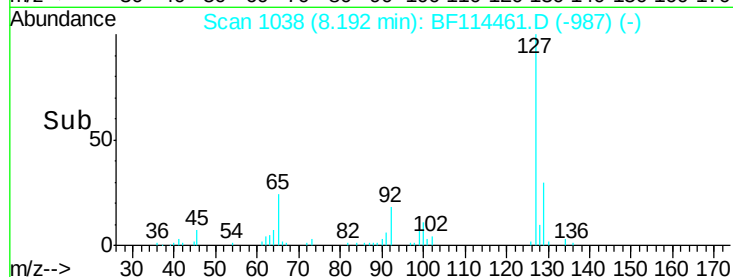
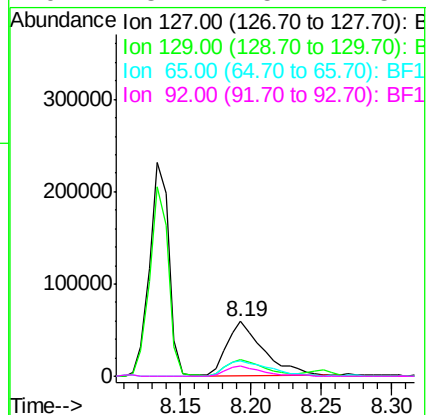
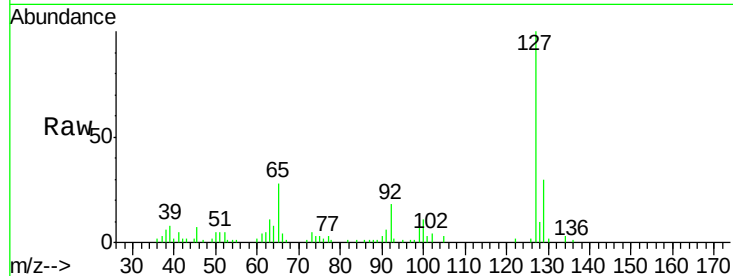
#33
4-Chloroaniline
Concen: 6.249 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	106105		
129	29.7	26.7	40.1	
65	28.3	25.4	38.0	
92	18.4	15.4	23.2	

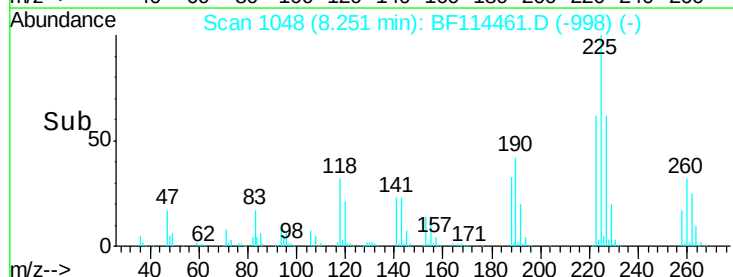
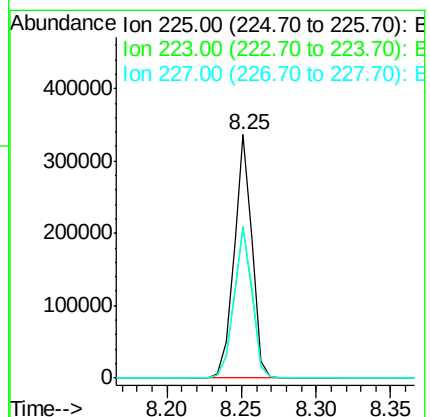
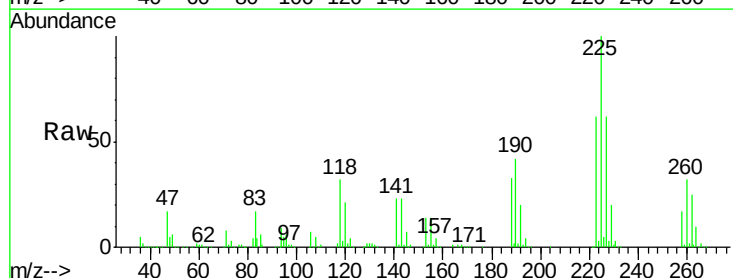
Manual Integrations
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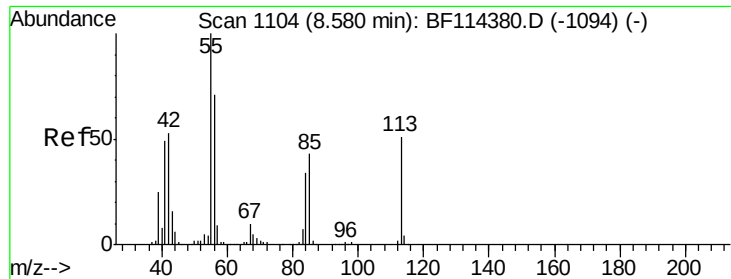
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#34
Hexachlorobutadiene
Concen: 39.998 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	284286		
223	62.3	50.2	75.2	
227	61.8	52.6	79.0	





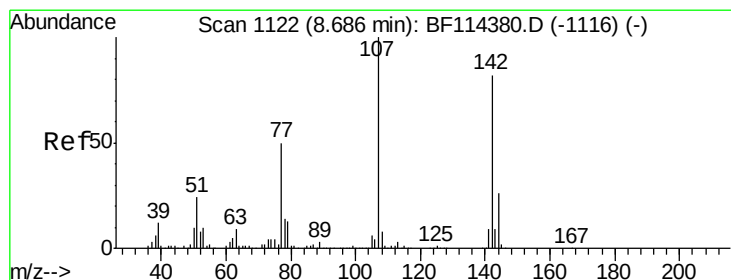
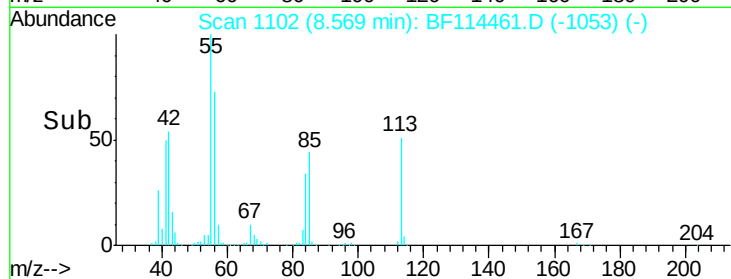
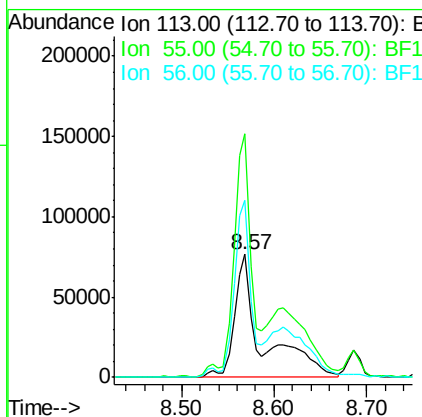
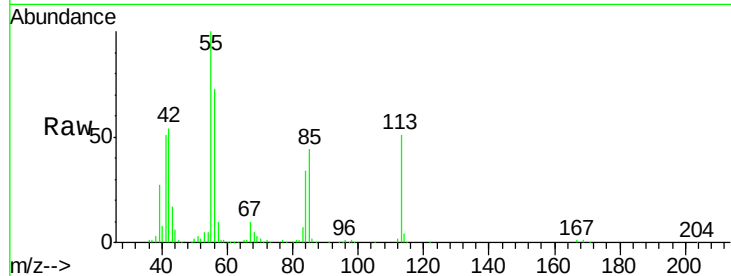
#35
 Caprolactam
 Concen: 44.477 ng m
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	159312		
55	197.8	183.5	223.5	
56	143.9	128.8	168.8	

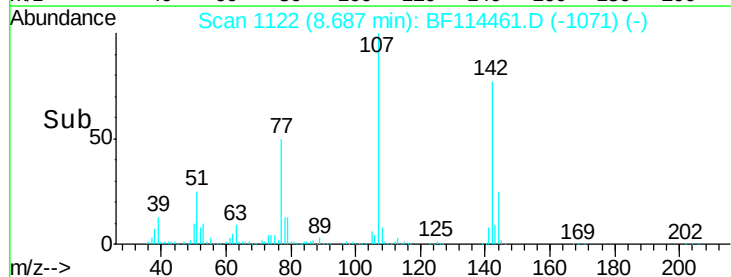
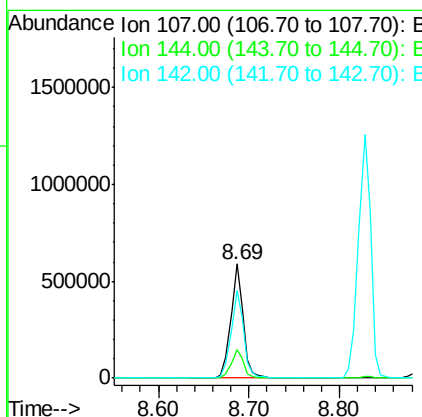
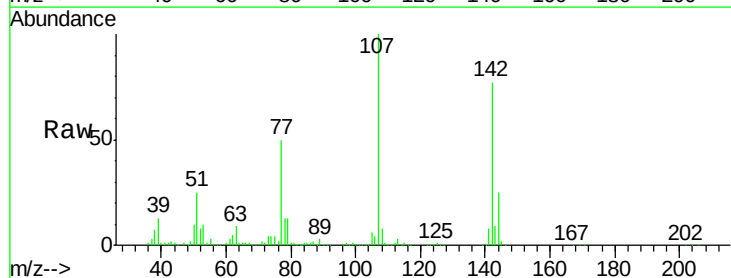
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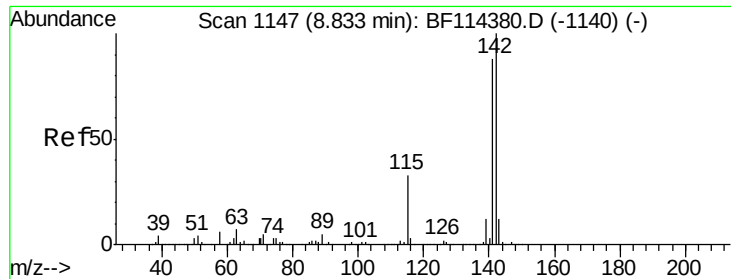
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#36
 4-Chloro-3-methylphenol
 Concen: 50.953 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	563402		
144	25.4	20.4	30.6	
142	76.9	64.2	96.4	





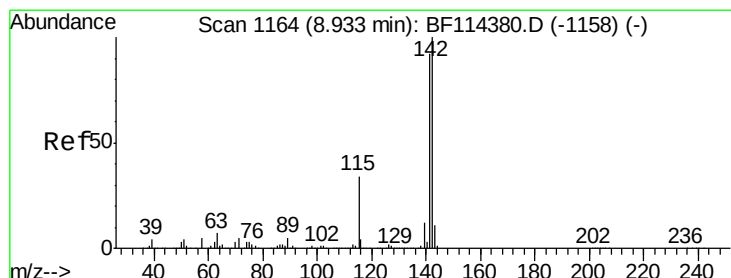
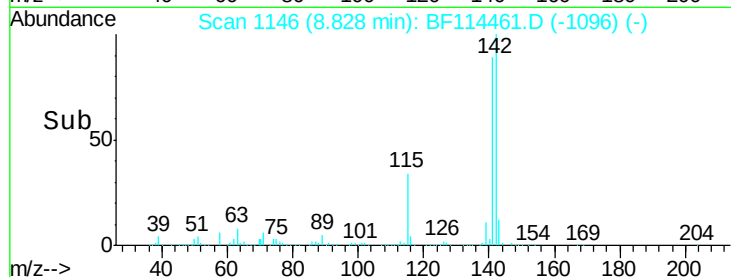
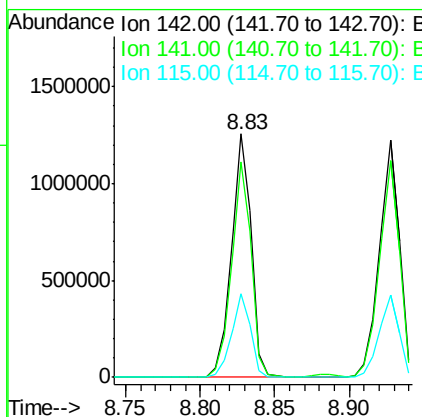
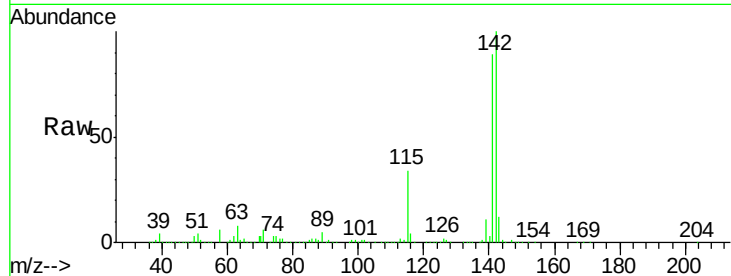
#37
 2-Methylnaphthalene
 Concen: 48.925 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion:142 Resp: 1176236
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.1 108.1
 115 34.2 28.0 42.0

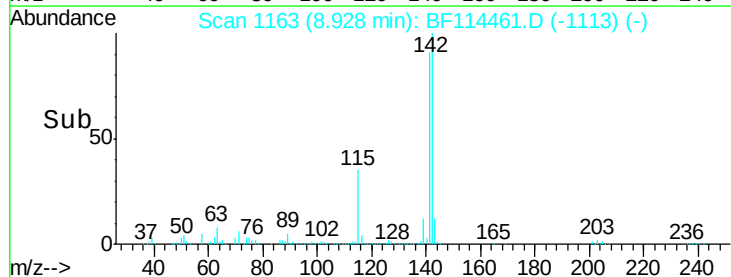
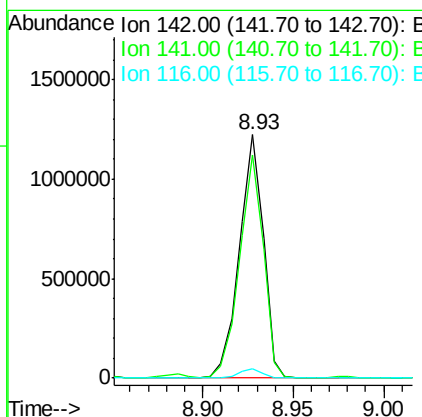
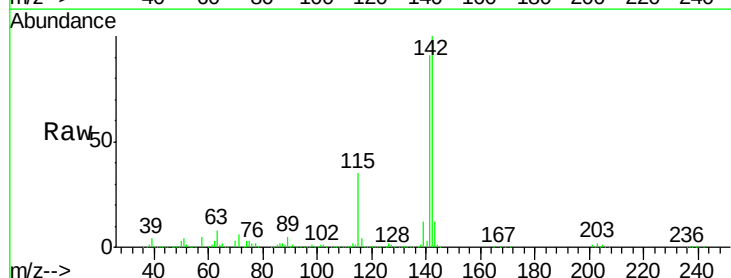
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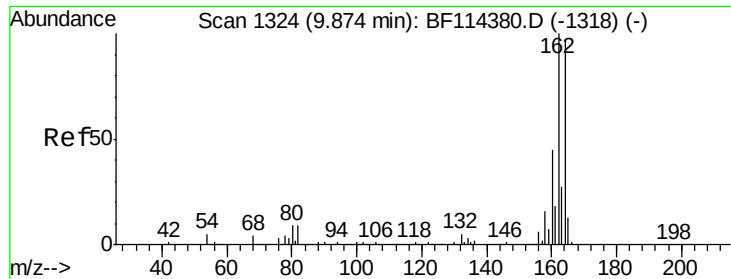
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#38
 1-Methylnaphthalene
 Concen: 49.594 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion:142 Resp: 1122827
 Ion Ratio Lower Upper
 142 100
 141 91.4 73.4 110.0
 116 3.7 3.1 4.7





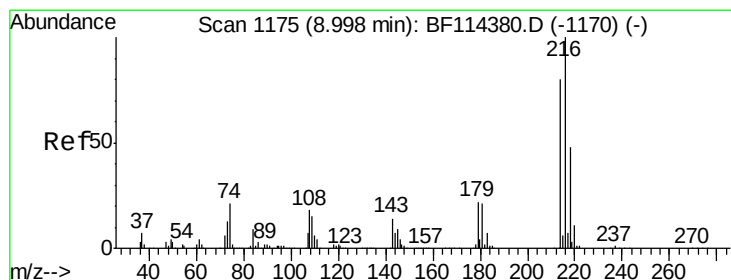
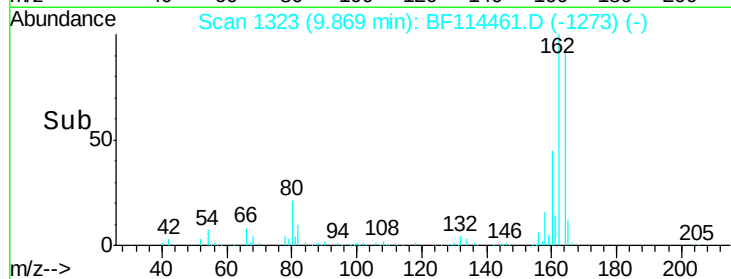
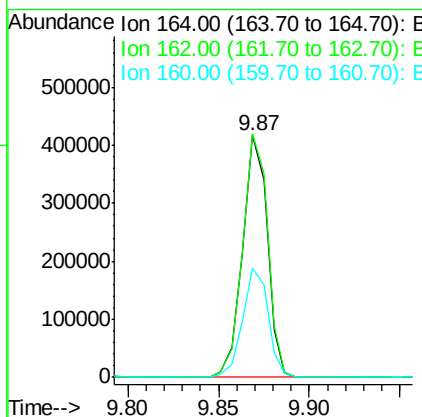
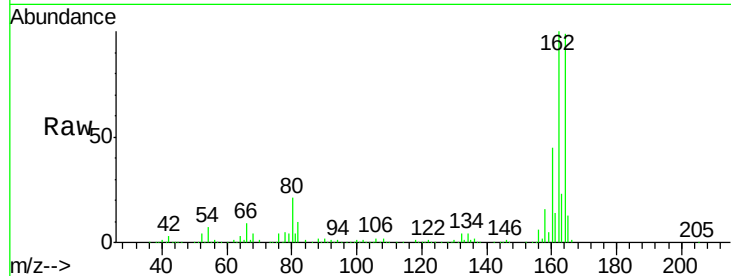
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	395556		
162	100.6	80.6	120.8	
160	45.2	36.5	54.7	

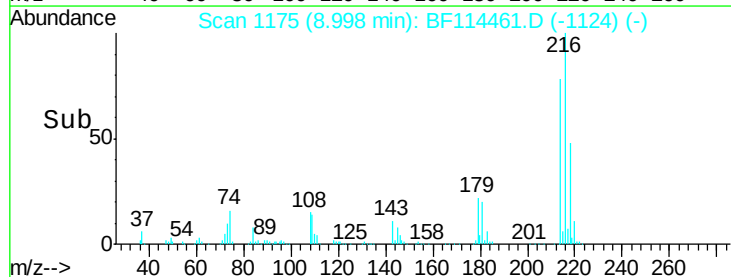
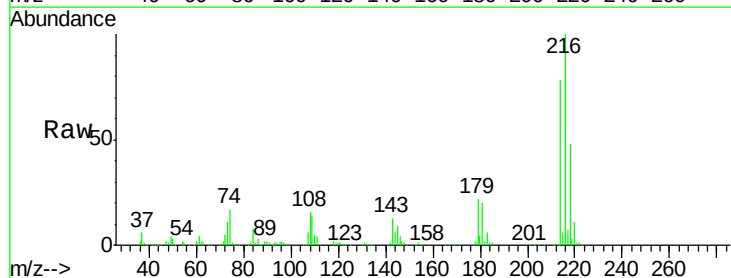
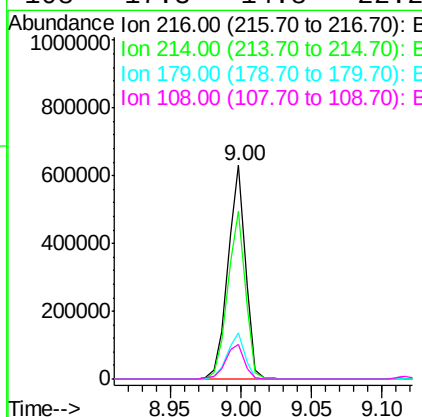
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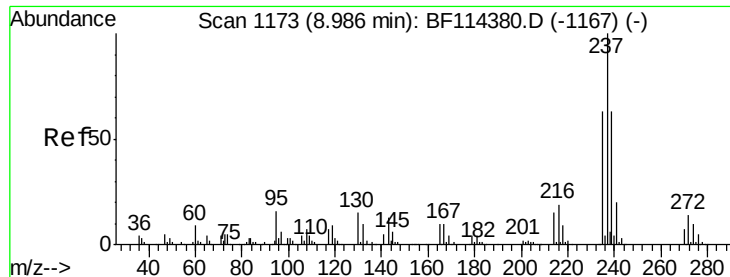
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.401 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	544001		
214	79.1	63.9	95.9	
179	21.5	17.0	25.6	
108	17.3	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 15.715 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

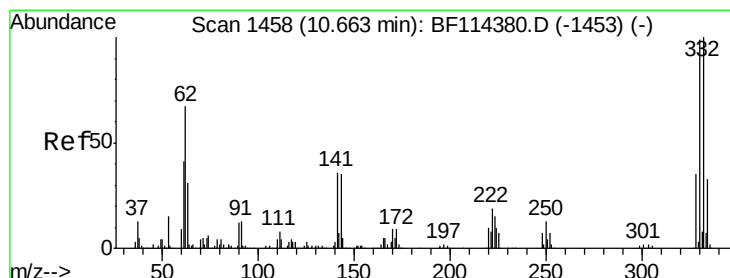
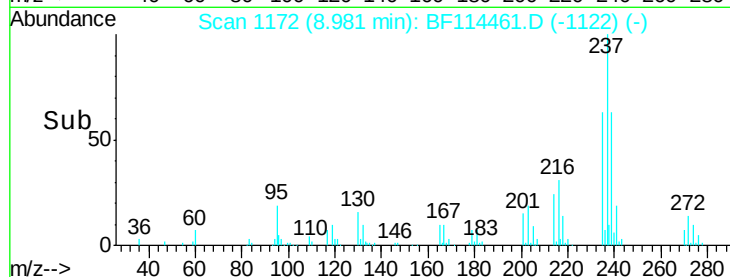
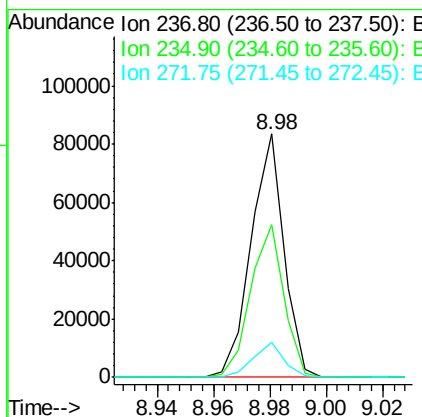
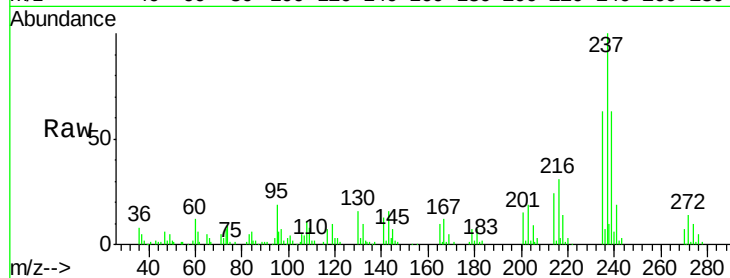
ClientSampleId :

CL-03-051719MS

Tgt Ion:	237	Resp:	67222
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.0	82.0
272	14.2	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 124.401 ng

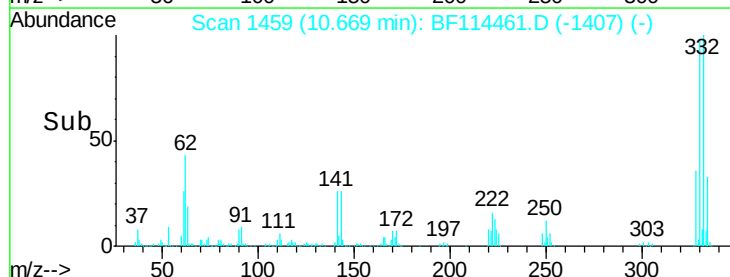
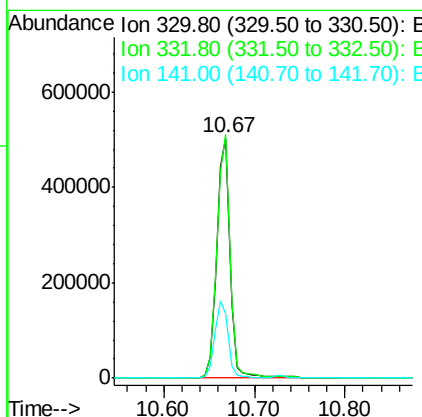
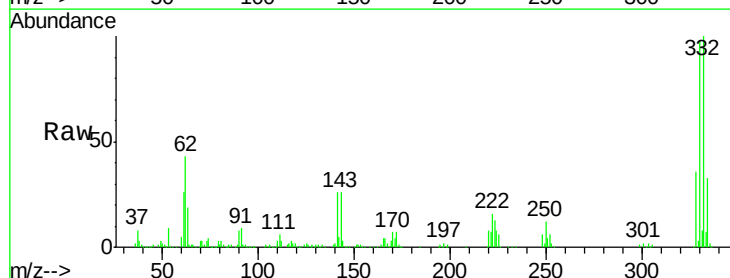
RT: 10.67 min Scan# 1459

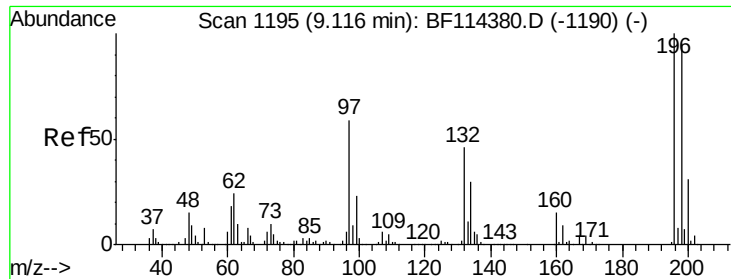
Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	330	Resp:	508723
Ion Ratio	Lower	Upper	
330	100		
332	100.8	81.4	122.2
141	32.7	26.6	40.0





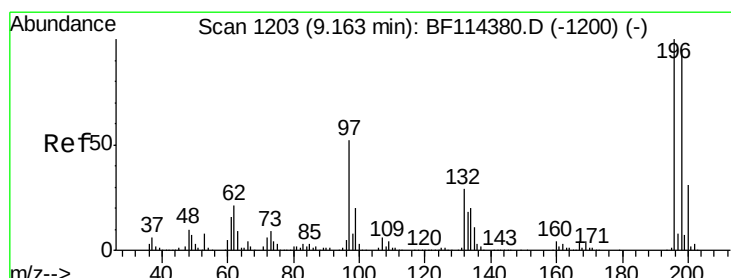
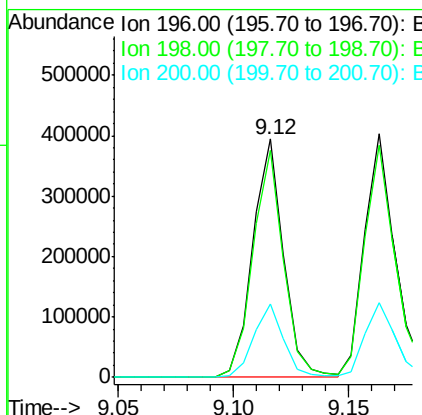
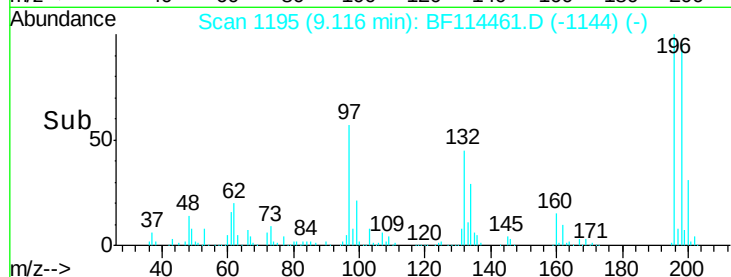
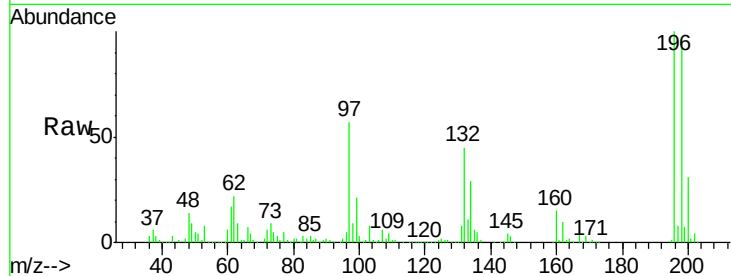
#43
 2,4,6-Trichlorophenol
 Concen: 44.513 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion:	196	Resp:	366864
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.9	113.9
200	31.0	23.5	35.3

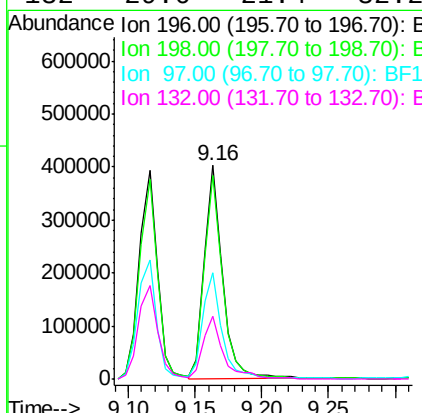
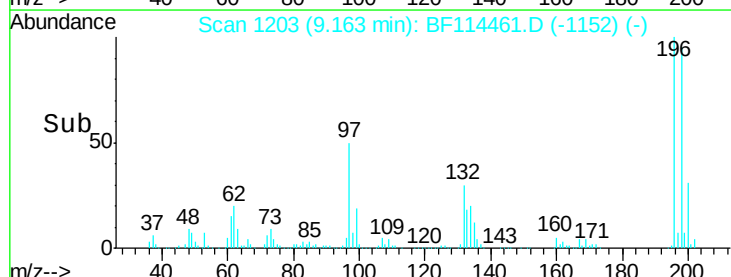
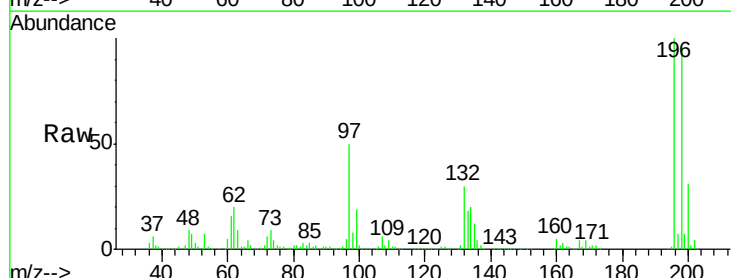
Manual Integrations
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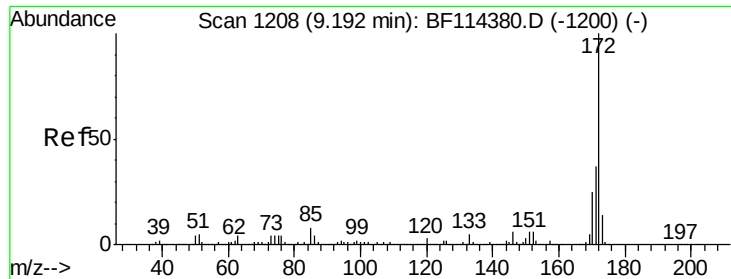
Sohil
 5/23/2019 8:15:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.476 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion:	196	Resp:	384371
Ion Ratio	Lower	Upper	
196	100		
198	95.3	77.7	116.5
97	50.0	38.2	57.2
132	29.6	21.4	32.2





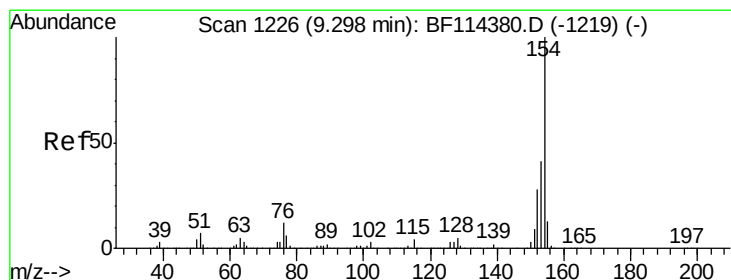
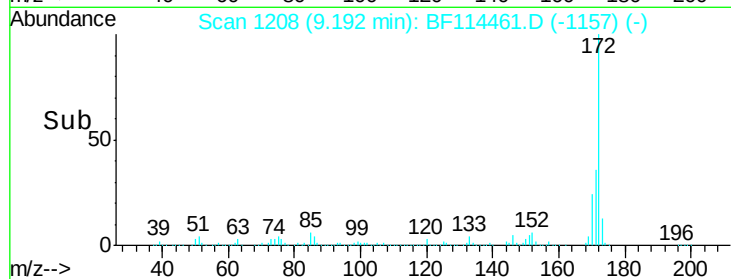
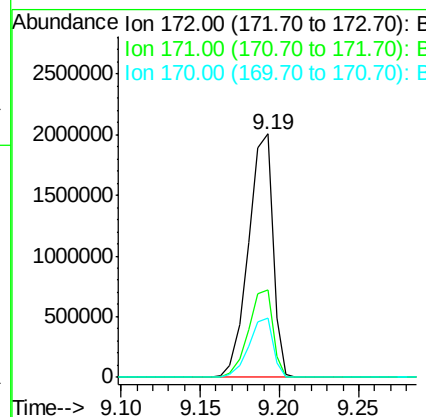
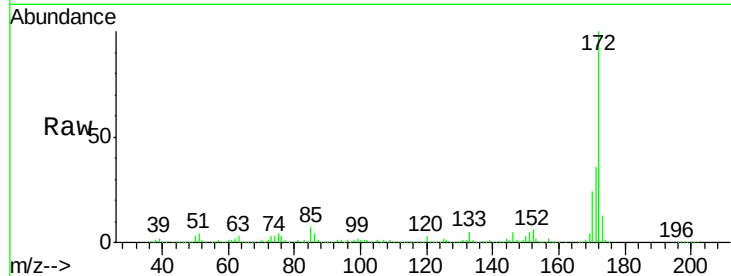
#45
2-Fluorobiphenyl
Concen: 82.076 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.2	20.5	30.7

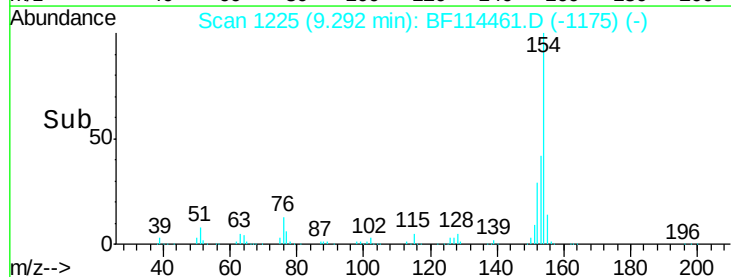
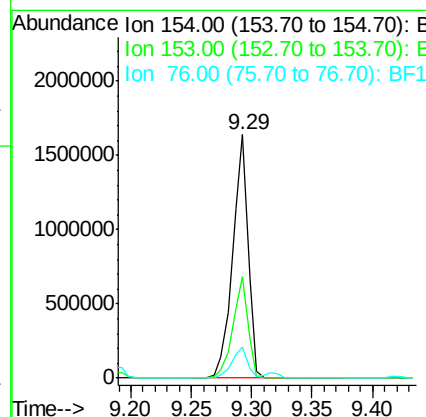
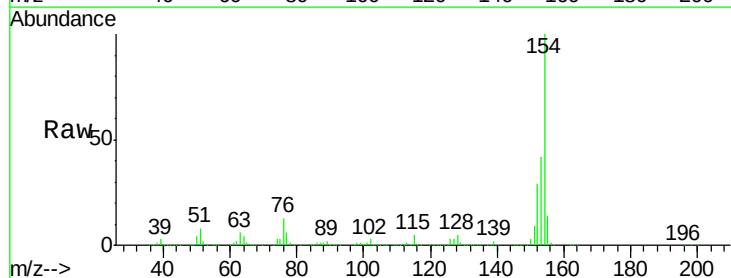
Manual Integrations
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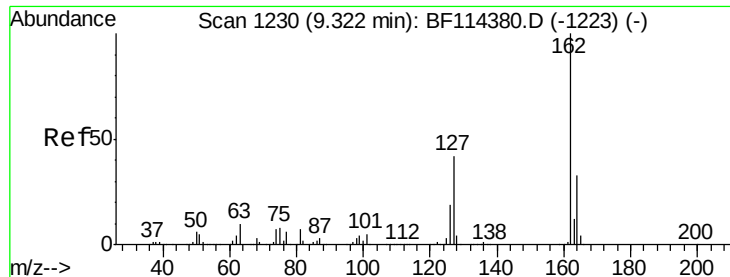
Sohil
5/23/2019 8:15:46 AM



#46
1,1'-Biphenyl
Concen: 45.287 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.9	0.0	32.8





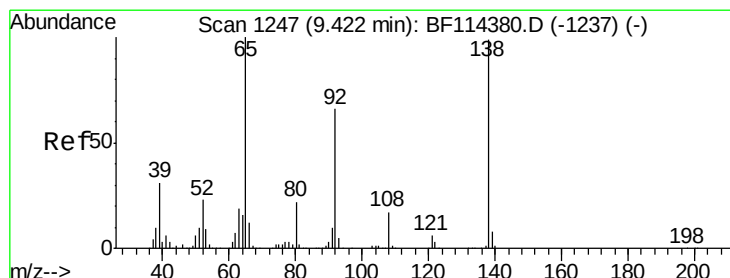
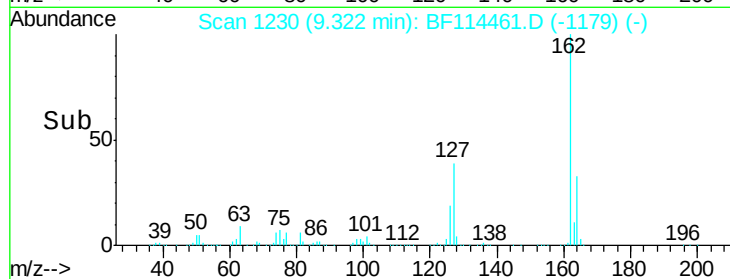
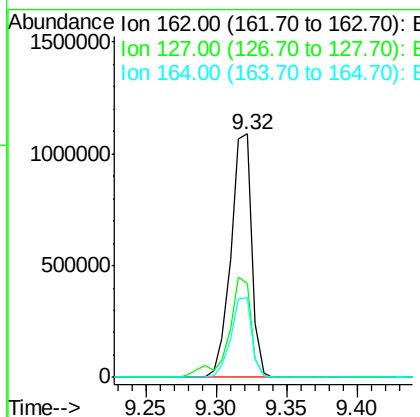
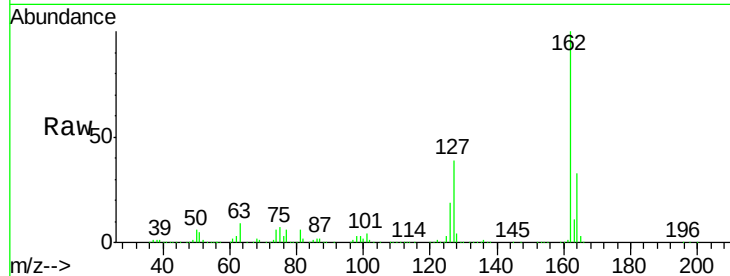
#47
 2-Chloronaphthalene
 Concen: 43.458 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	34.0	51.0
164	33.0	26.7	40.1

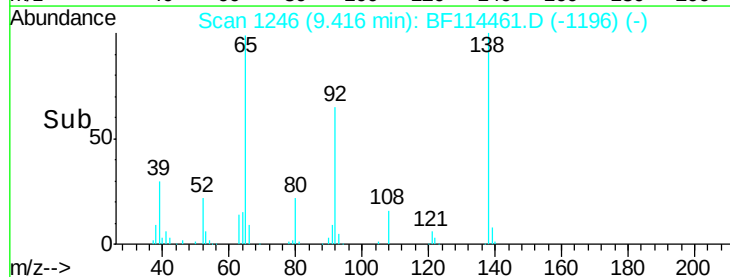
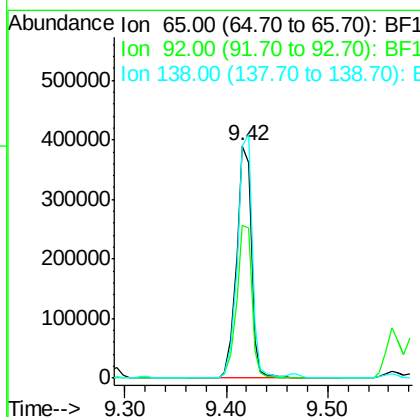
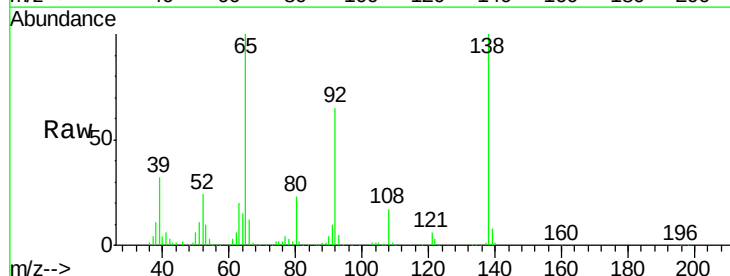
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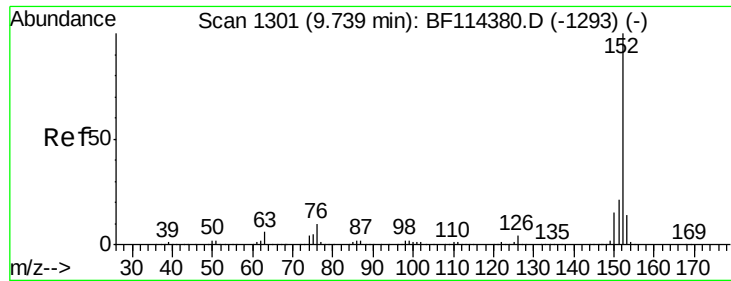
Sohil
 5/23/2019 8:15:46 AM



#48
 2-Nitroaniline
 Concen: 43.654 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	53.9	80.9
138	99.9	81.4	122.0





#49

Acenaphthylene

Concen: 45.484 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion:152 Resp: 1779094

Ion Ratio Lower Upper

152 100

151 20.6 16.8 25.2

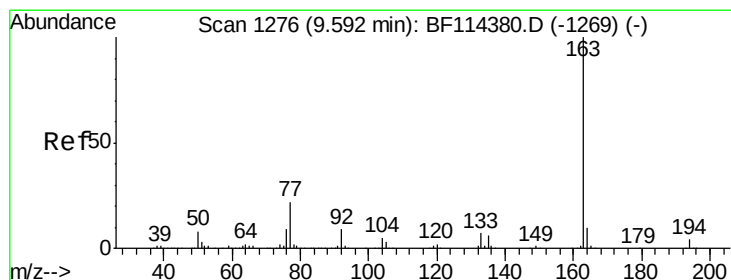
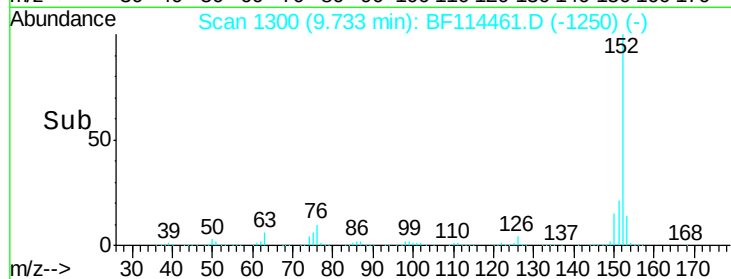
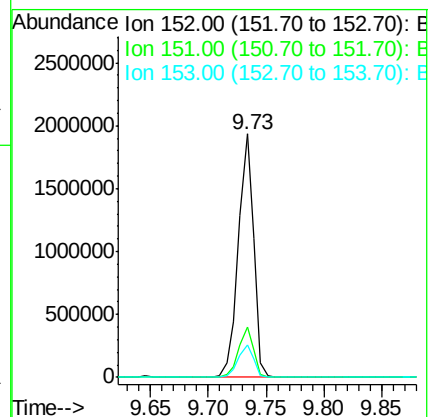
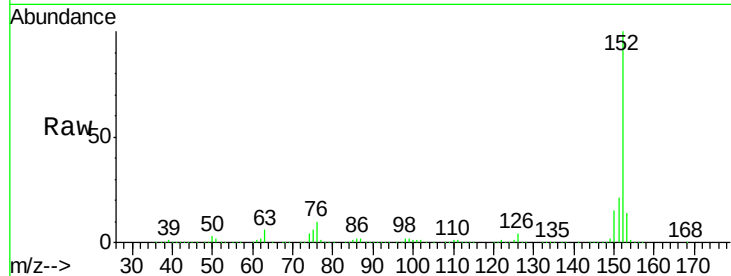
153 13.5 11.4 17.2

Manual Integrations

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#50

Dimethylphthalate

Concen: 47.121 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

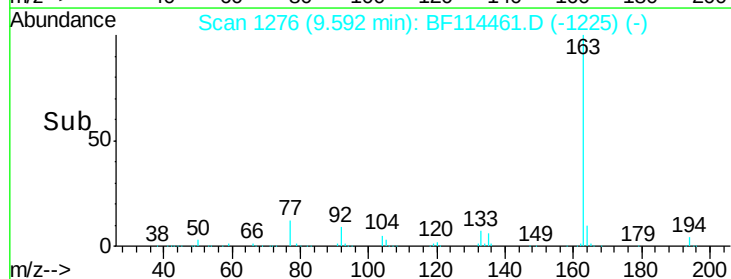
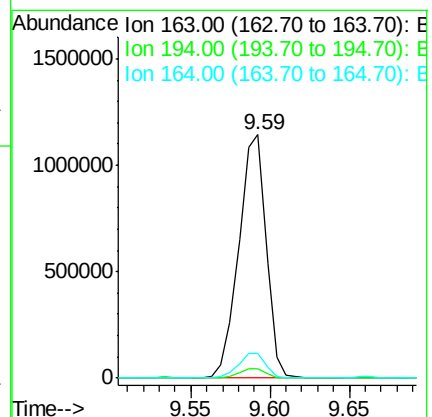
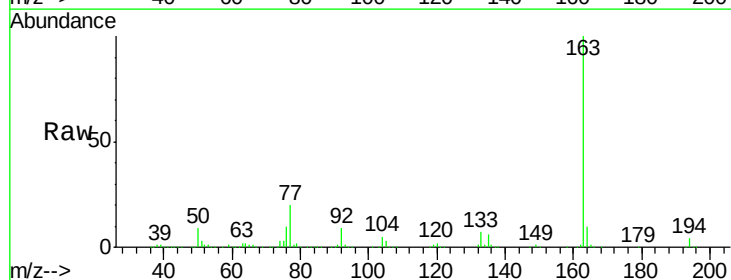
Tgt Ion:163 Resp: 1368274

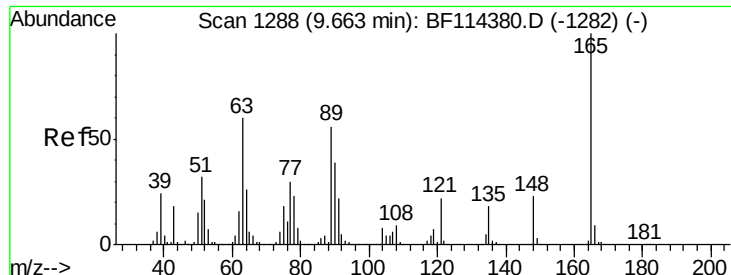
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 8.2 12.2





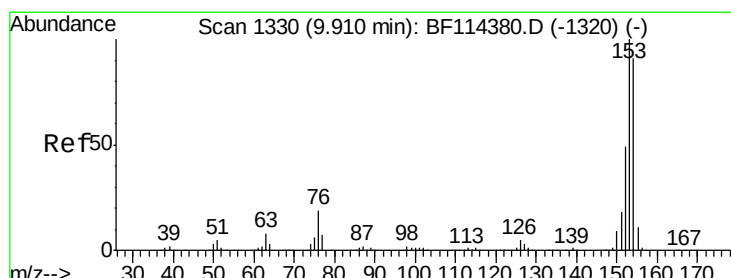
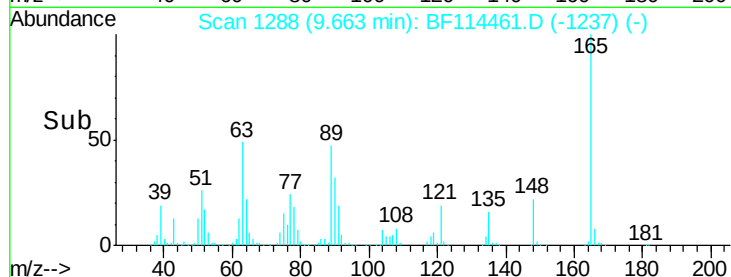
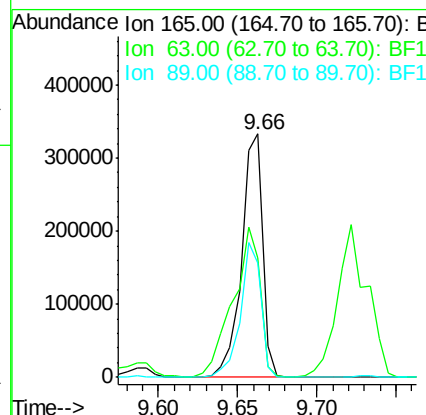
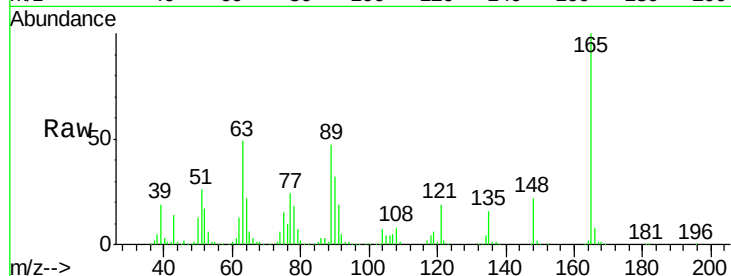
#51
2,6-Dinitrotoluene
Concen: 47.583 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	306457		
63	48.9	50.2	75.4#	
89	46.9	46.6	69.8	

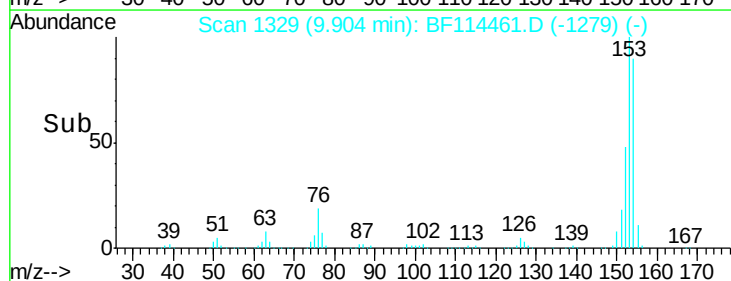
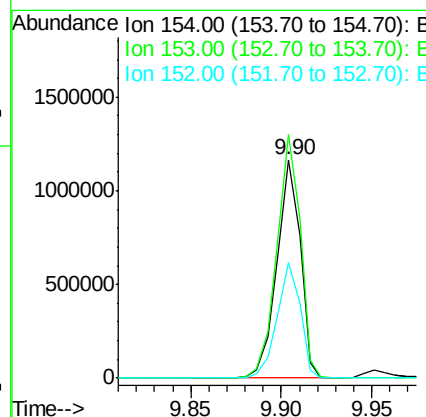
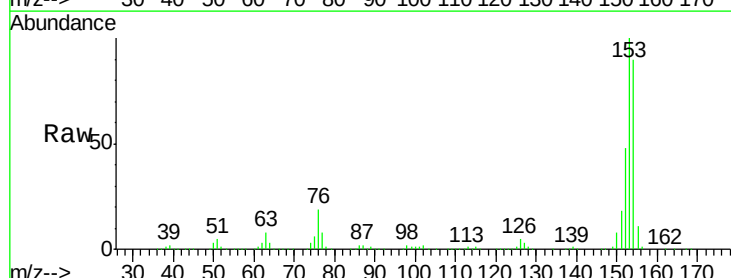
Manual Integrations
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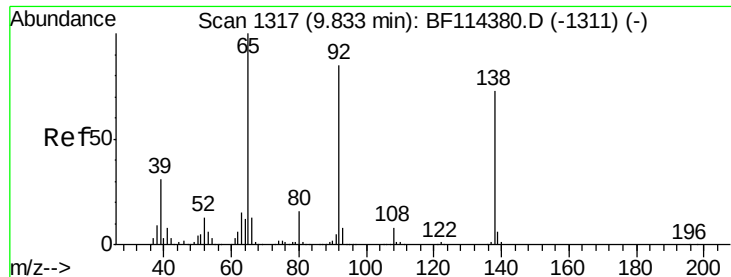
Sohil
5/23/2019 8:15:46 AM



#52
Acenaphthene
Concen: 43.662 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1047991		
153	111.5	90.5	135.7	
152	53.1	43.4	65.2	





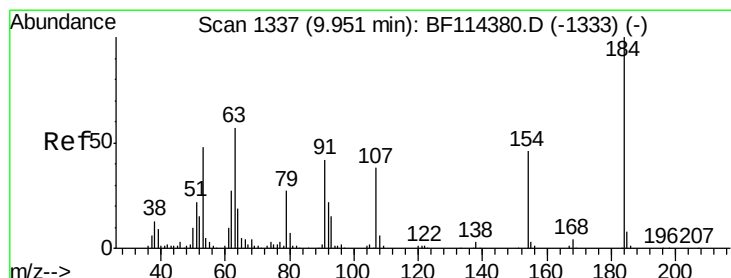
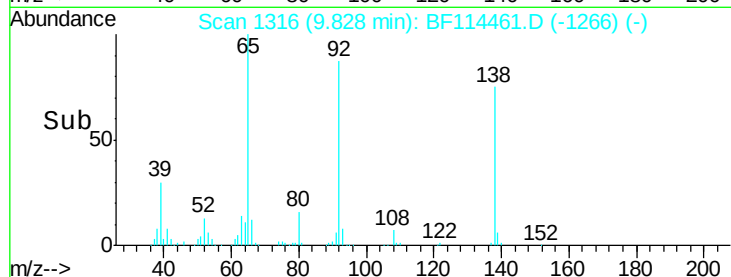
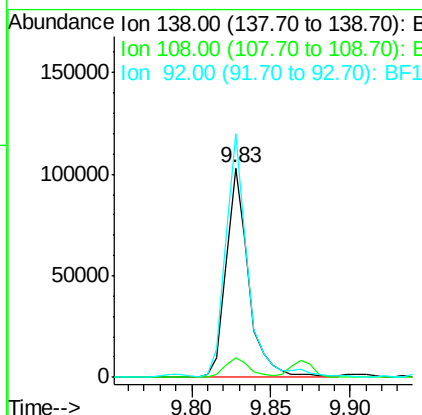
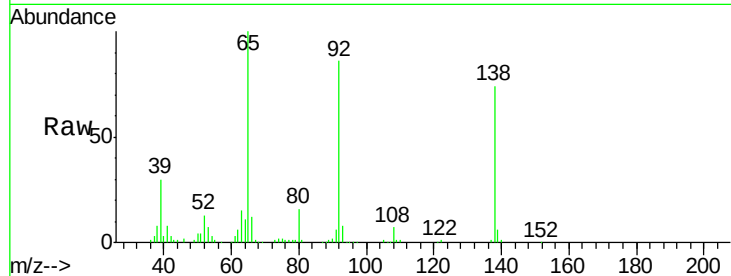
#53
 3-Nitroaniline
 Concen: 12.638 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	101040		
108	9.7	7.8	11.6	
92	116.3	91.2	136.8	

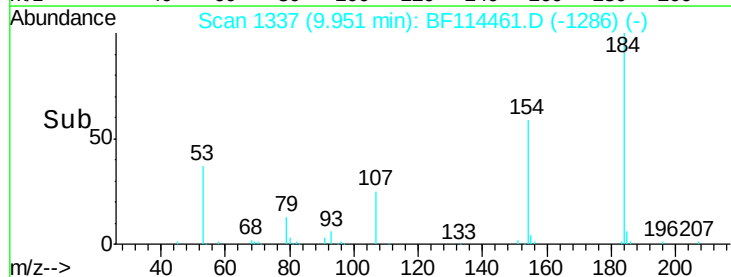
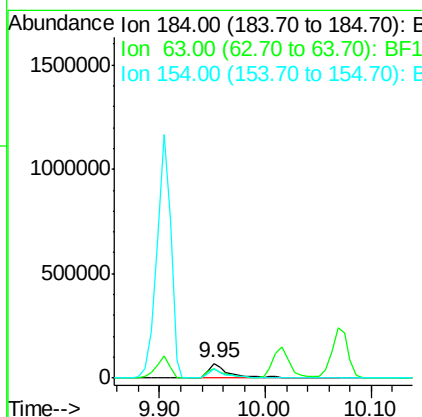
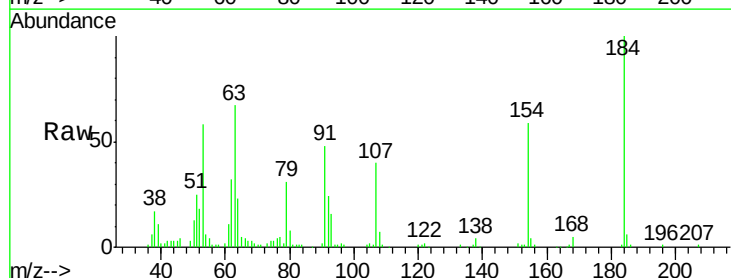
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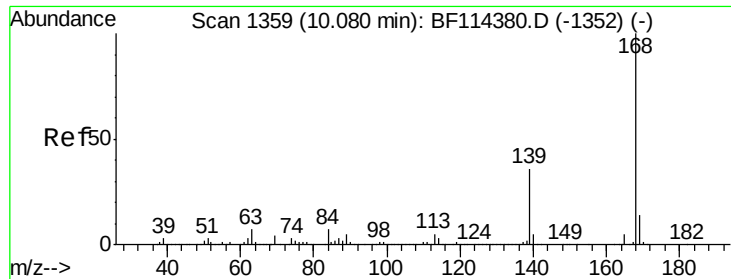
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 33.688 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	95290		
63	67.0	55.6	83.4	
154	59.4	46.0	69.0	





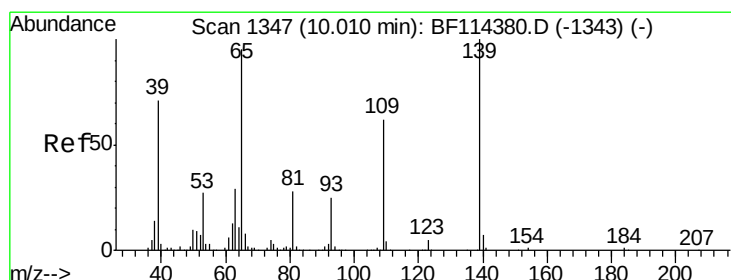
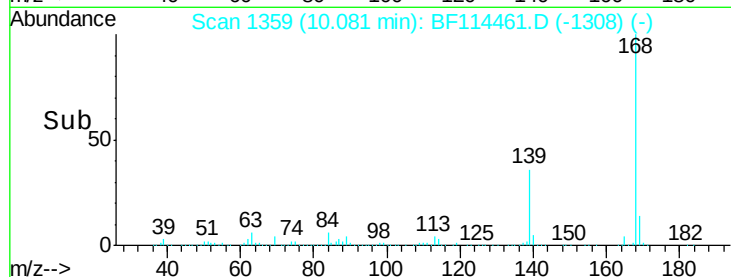
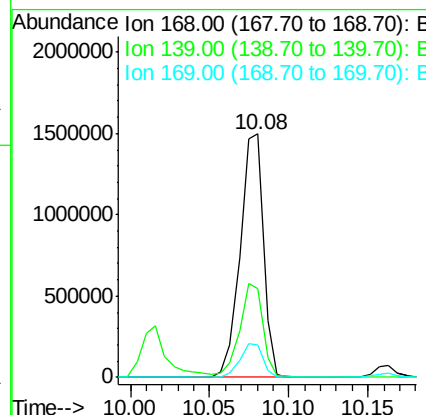
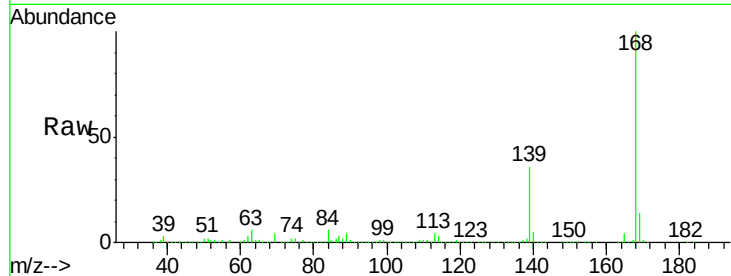
#55
Dibenzenofuran
Concen: 43.330 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.1	46.7
169	13.6	11.4	17.0

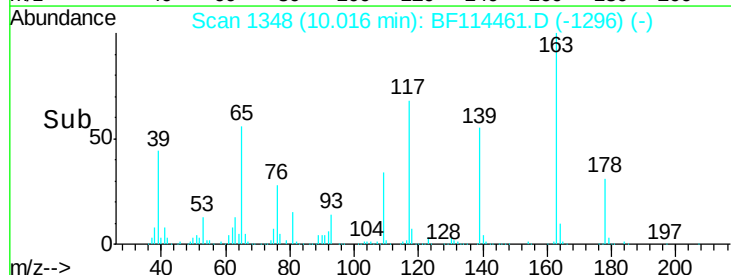
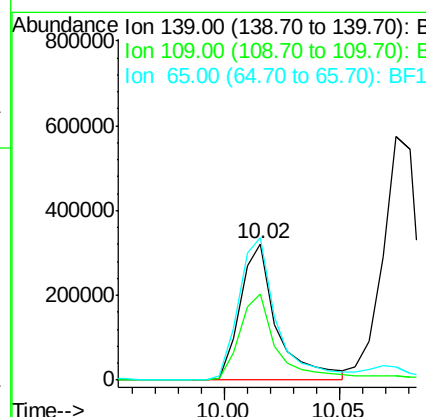
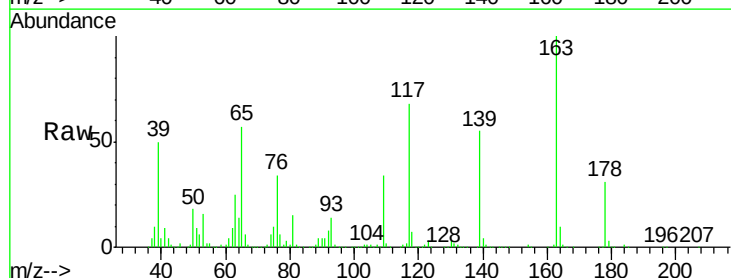
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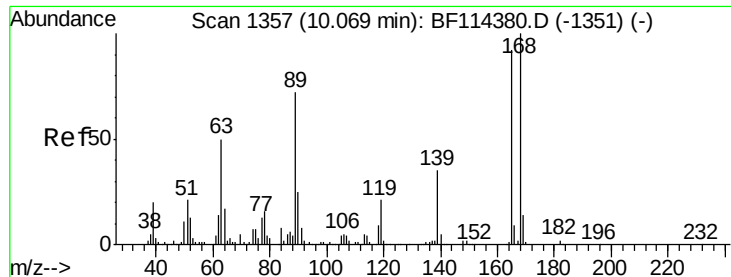
Sohil
5/23/2019 8:15:46 AM



#56
4-Nitrophenol
Concen: 63.272 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.1	43.9	83.9
65	104.5	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 43.105 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

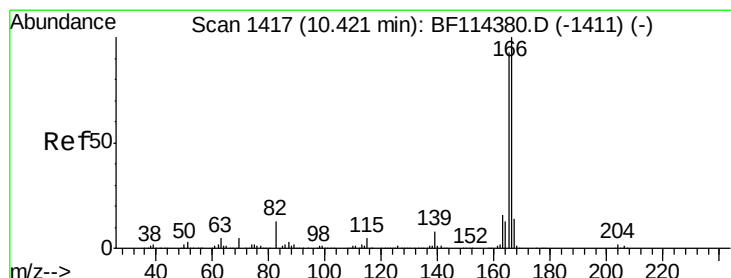
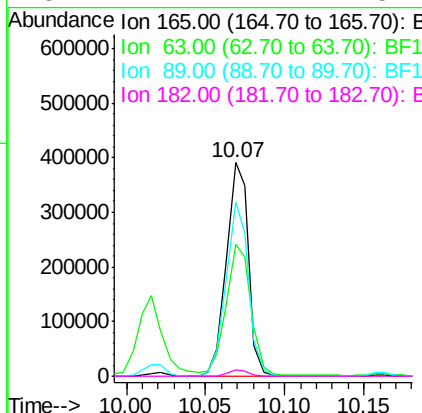
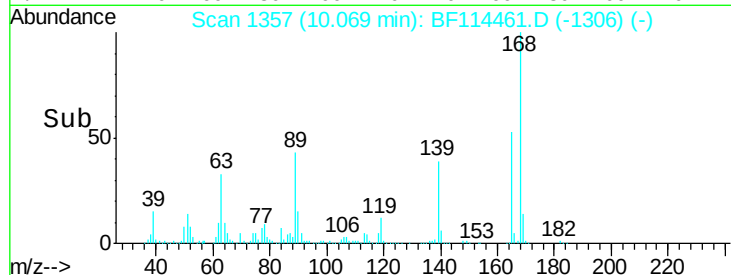
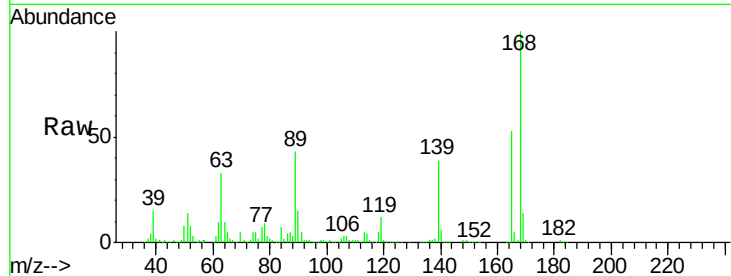
ClientSampleId :

CL-03-051719MS

Tgt Ion:	165	Resp:	376813
Ion Ratio	Lower	Upper	
165	100		
63	61.7	35.5	53.3#
89	81.5	55.2	82.8
182	2.7	2.2	3.2

Manual Integrations
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#58

Fluorene

Concen: 45.907 ng

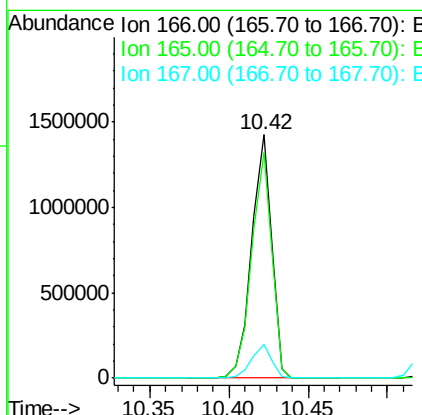
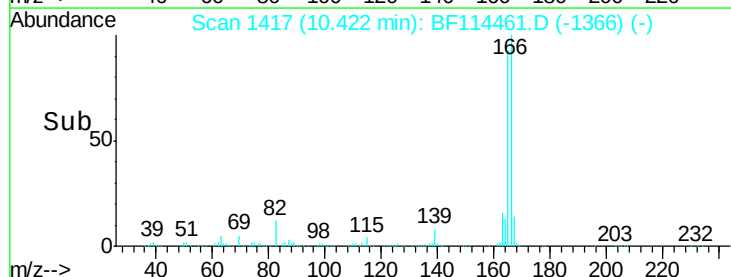
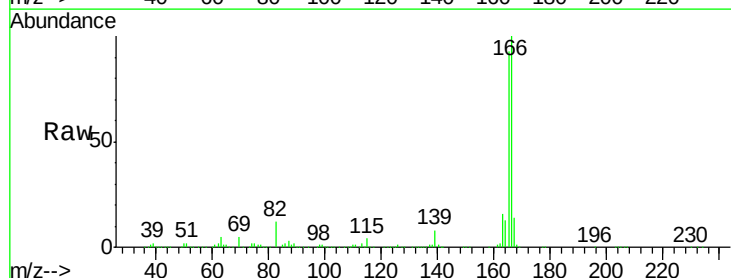
RT: 10.42 min Scan# 1417

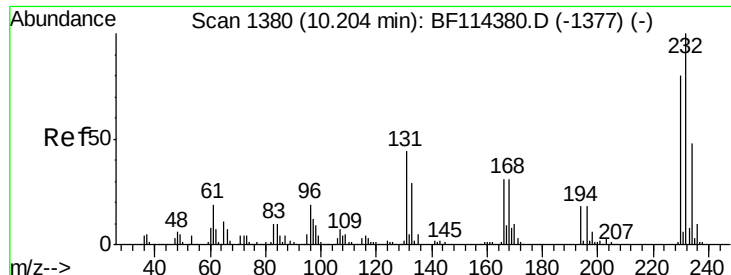
Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	166	Resp:	1248028
Ion Ratio	Lower	Upper	
166	100		
165	92.8	76.1	114.1
167	13.8	11.1	16.7





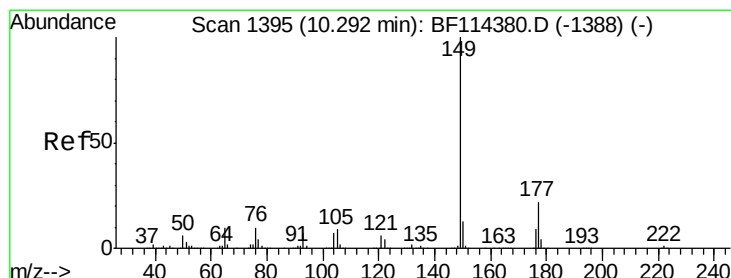
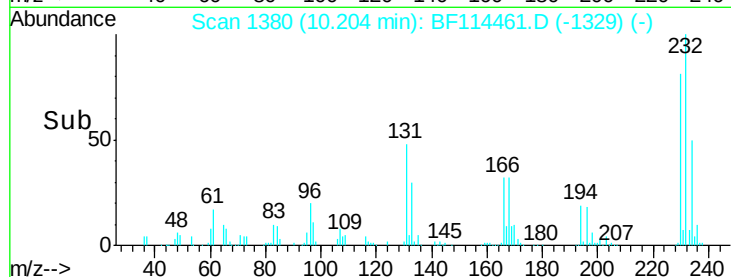
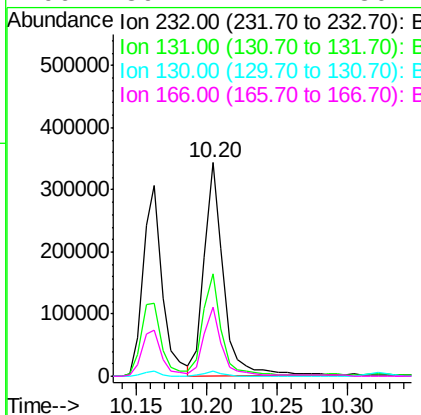
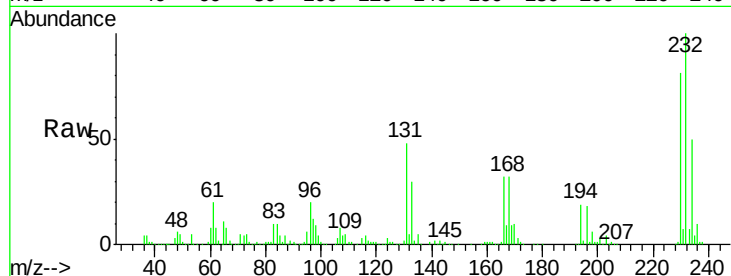
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.543 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	324853		
131	46.0	35.6	53.4	
130	2.2	1.6	2.4	
166	30.4	24.1	36.1	

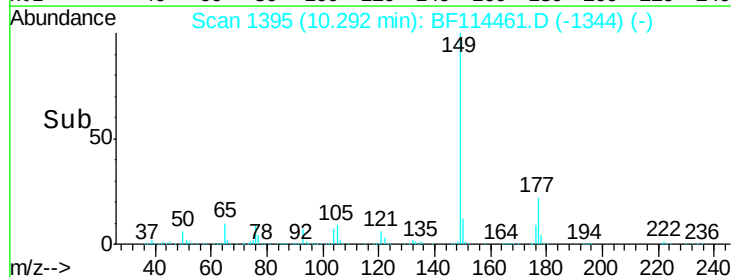
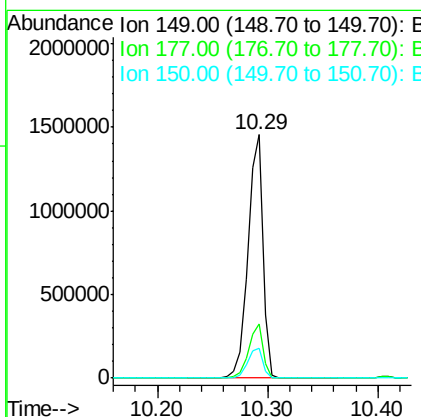
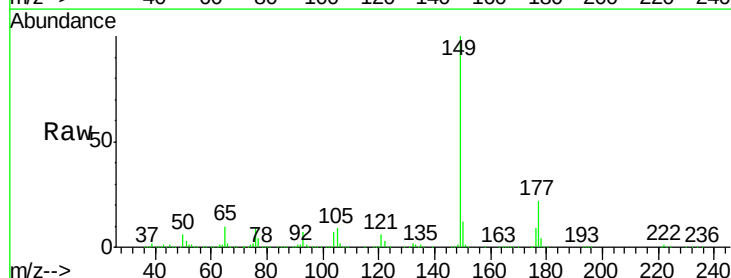
Manual Integrations
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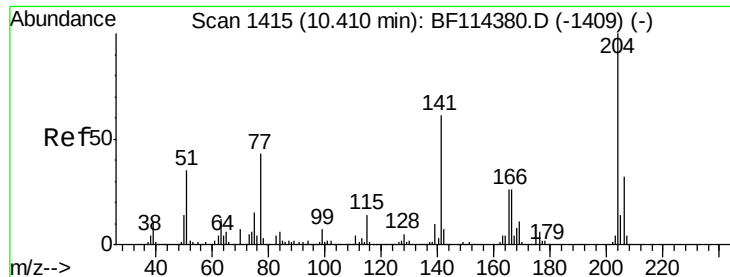
Sohil
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#60
 Diethylphthalate
 Concen: 46.842 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1382010		
177	22.3	17.8	26.6	
150	12.3	10.2	15.2	





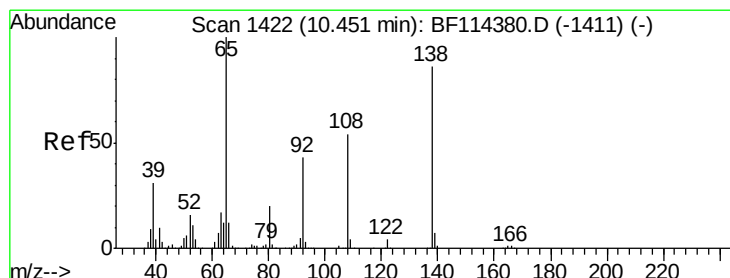
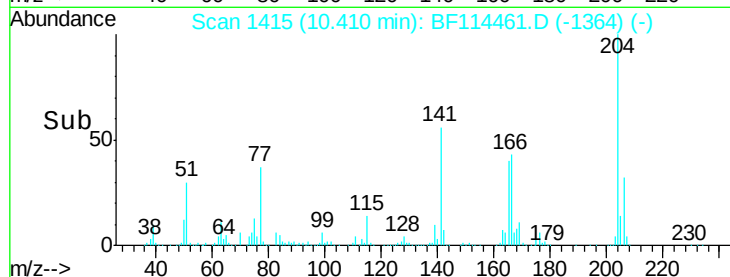
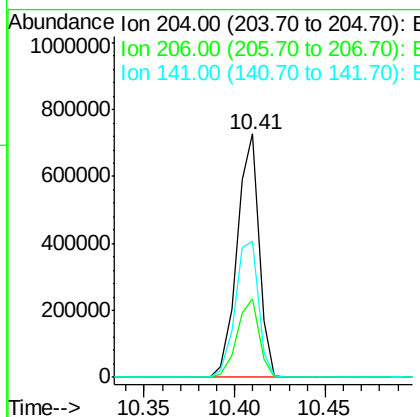
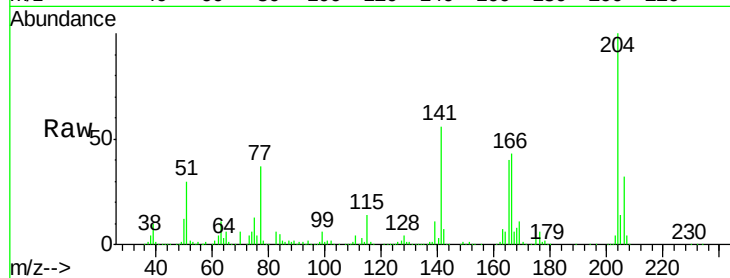
#61
 4-Chlorophenyl-phenylether
 Concen: 45.778 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	56.0	46.4	69.6

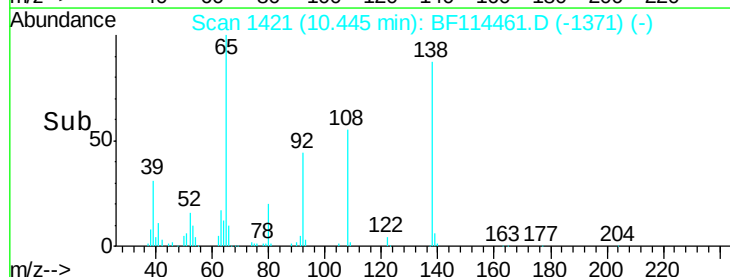
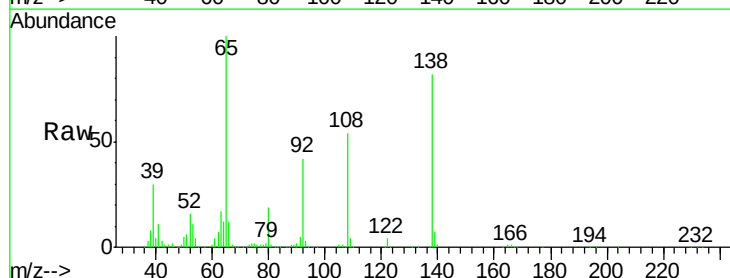
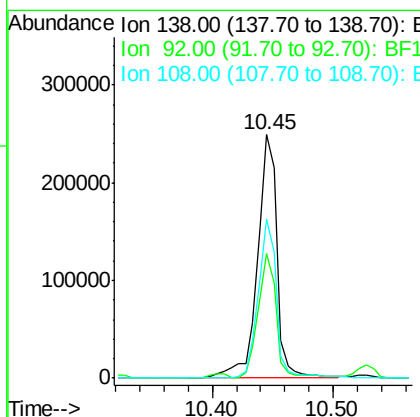
Manual Integrations
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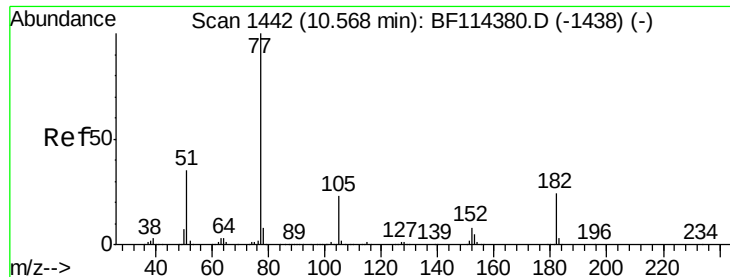
Sohil
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#62
 4-Nitroaniline
 Concen: 33.759 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.0	73.0
108	65.2	44.9	84.9





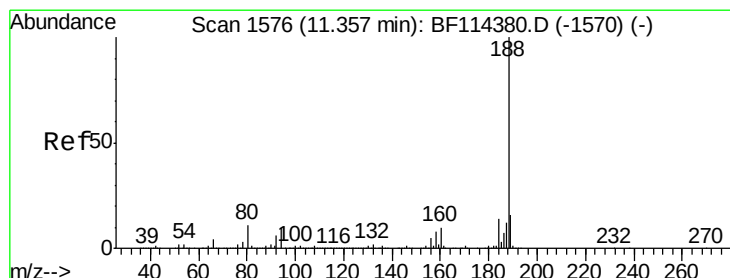
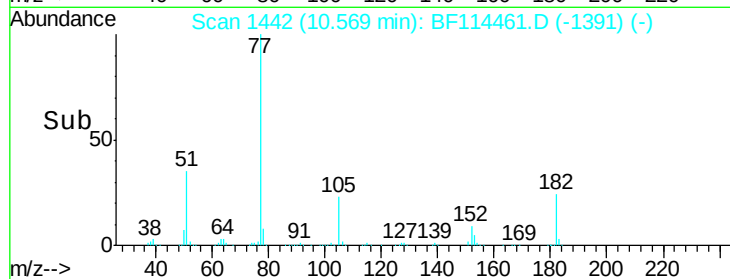
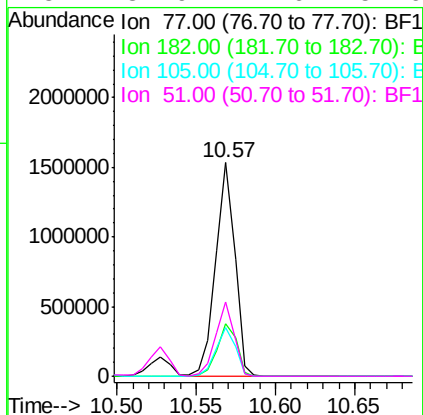
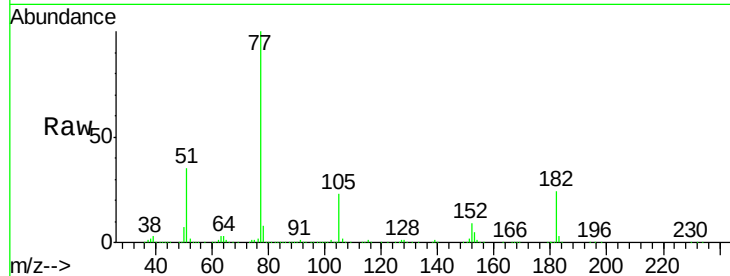
#63
Azobenzene
Concen: 45.208 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion: 77 Resp: 1291051
Ion Ratio Lower Upper
77 100
182 24.3 4.7 44.7
105 22.9 2.9 42.9
51 34.9 14.6 54.6

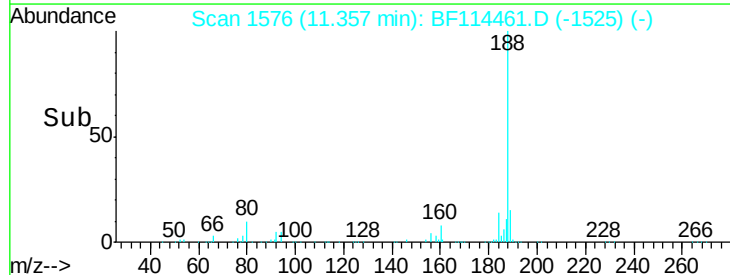
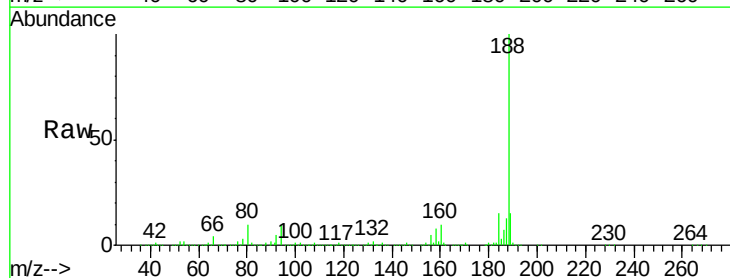
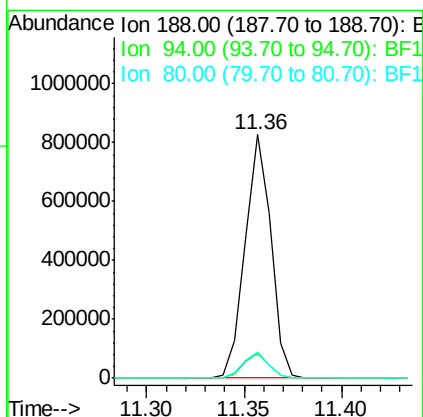
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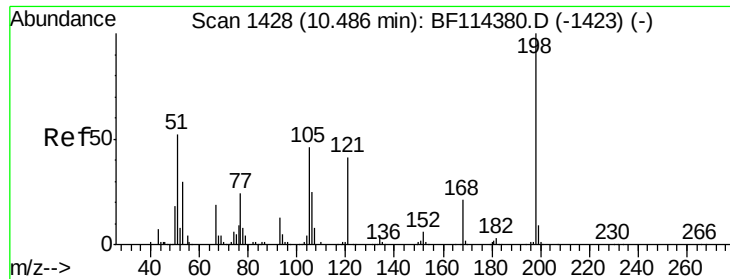
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion: 188 Resp: 760745
Ion Ratio Lower Upper
188 100
94 9.9 8.4 12.6
80 10.5 9.2 13.8





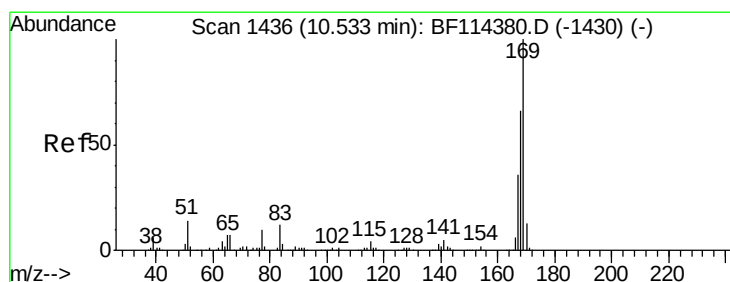
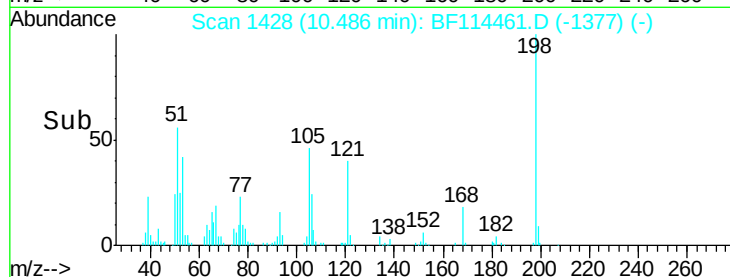
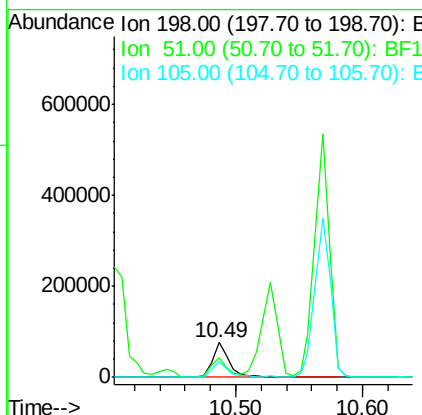
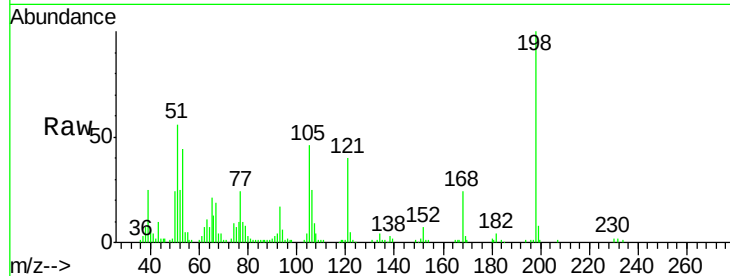
#65
4,6-Dinitro-2-methylphenol
Concen: 19.527 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	71382		
51	55.7	28.0	68.0	
105	45.7	21.1	61.1	

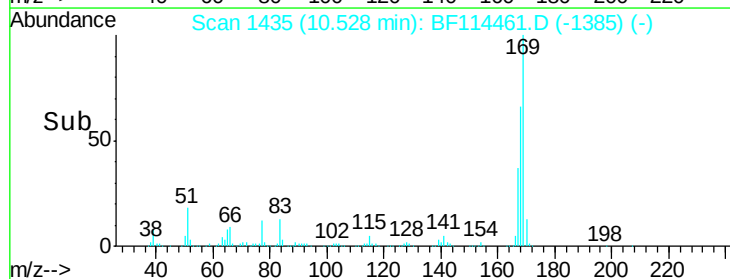
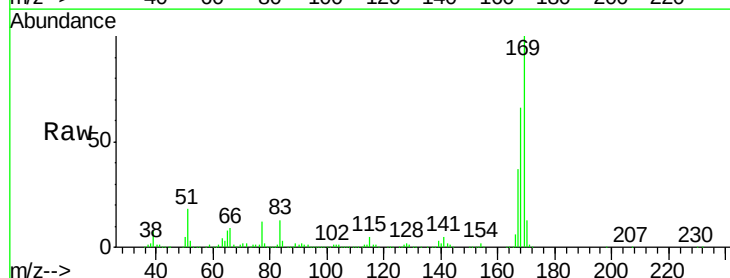
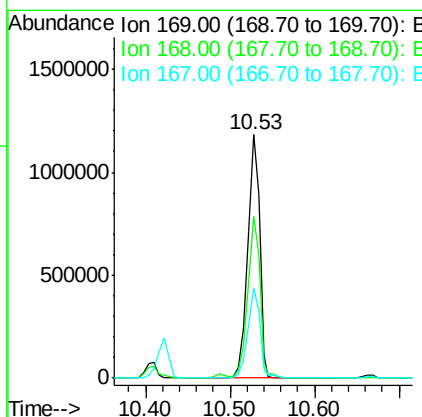
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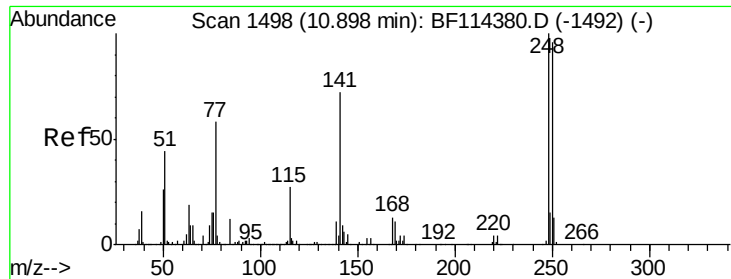
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#66
n-Nitrosodiphenylamine
Concen: 49.488 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1142618		
168	66.5	54.2	81.2	
167	36.7	29.8	44.8	





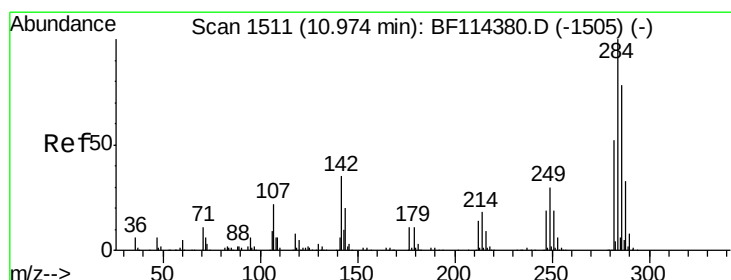
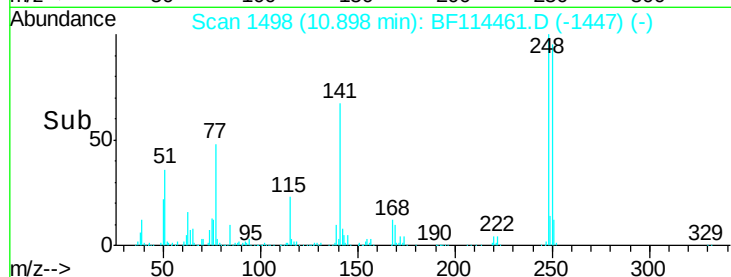
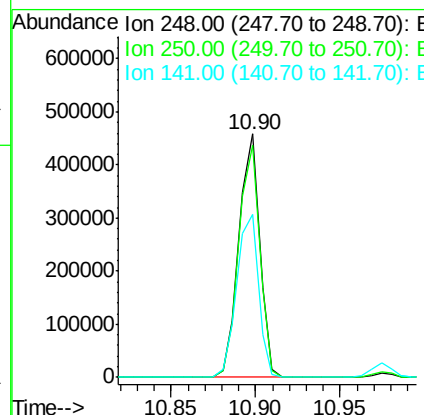
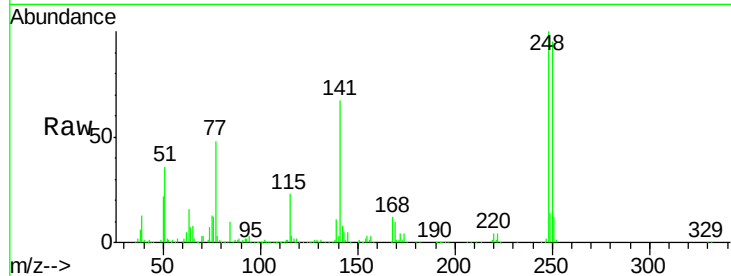
#67
4-Bromophenyl-phenylether
Concen: 47.101 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.2
141	67.2	55.6	83.4

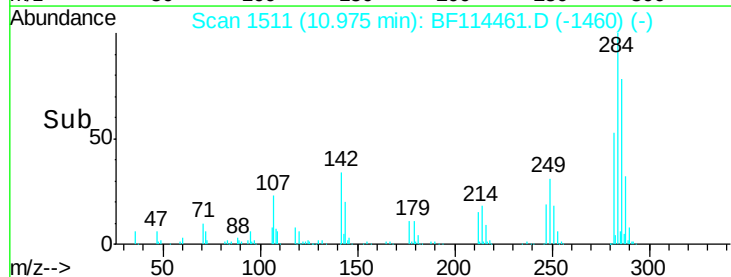
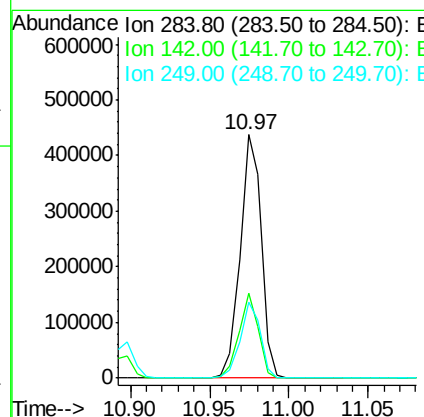
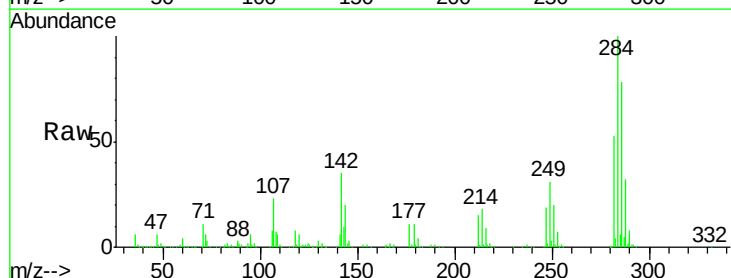
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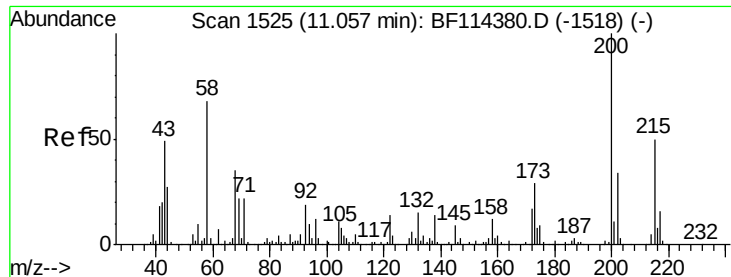
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#68
Hexachlorobenzene
Concen: 43.488 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	28.4	42.6
249	31.1	25.2	37.8





#69

Atrazine

Concen: 49.219 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

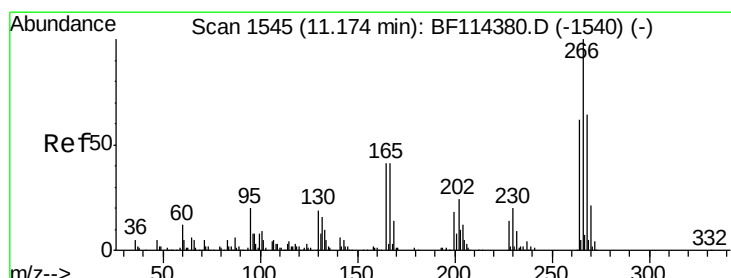
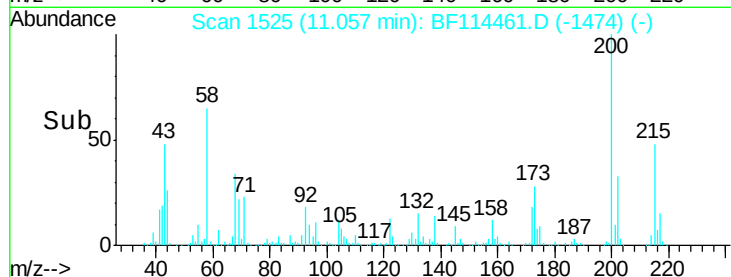
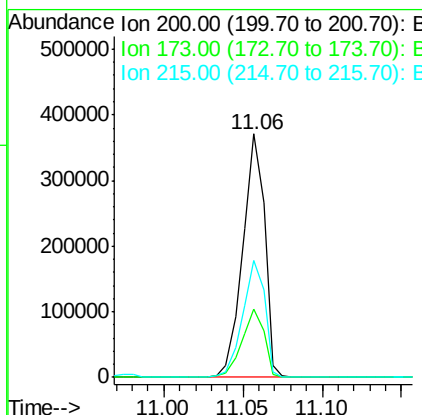
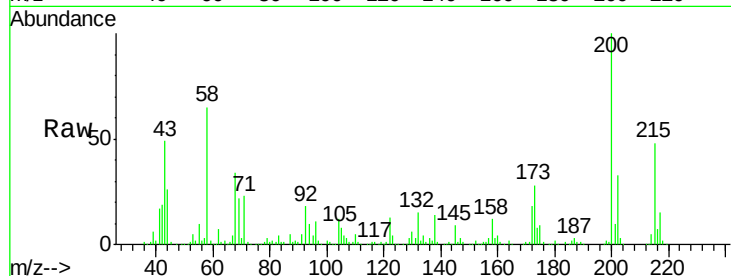
ClientSampleId :

CL-03-051719MS

Tgt Ion:	200	Resp:	353648
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.9	48.9
215	48.1	30.7	70.7

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#70

Pentachlorophenol

Concen: 79.806 ng

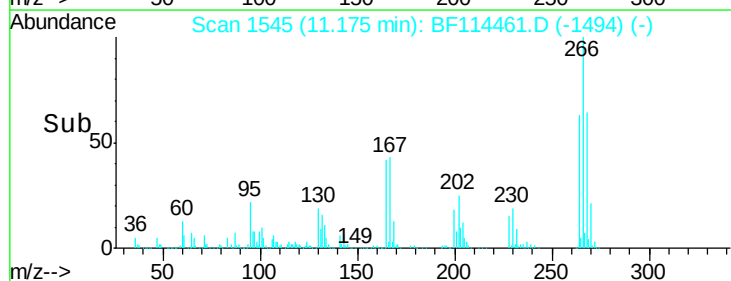
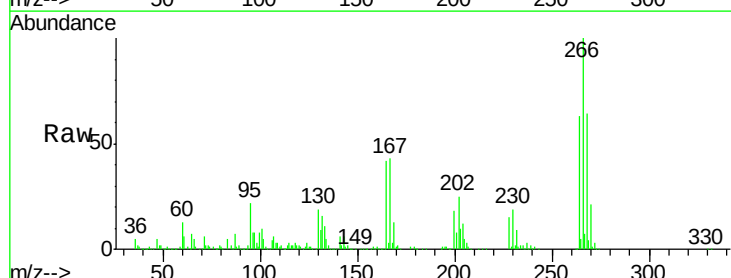
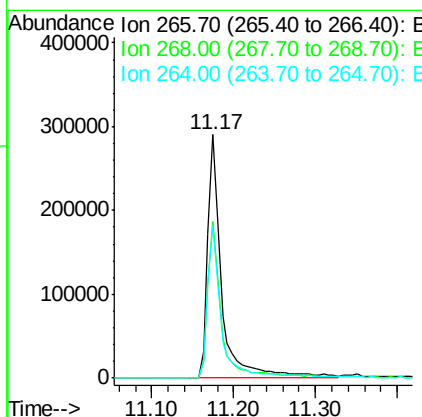
RT: 11.17 min Scan# 1545

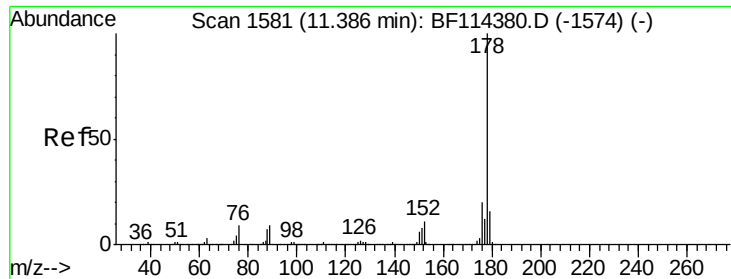
Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	266	Resp:	350555
Ion Ratio	Lower	Upper	
266	100		
268	64.2	51.1	76.7
264	62.7	51.1	76.7





#71

Phenanthrene

Concen: 46.174 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion:178 Resp: 1708970

Ion Ratio Lower Upper

178 100

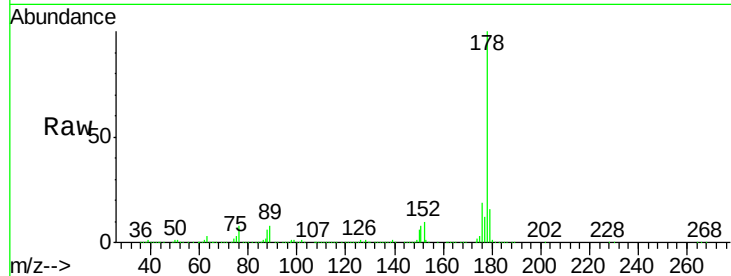
176 19.4 16.4 24.6

179 15.5 13.2 19.8

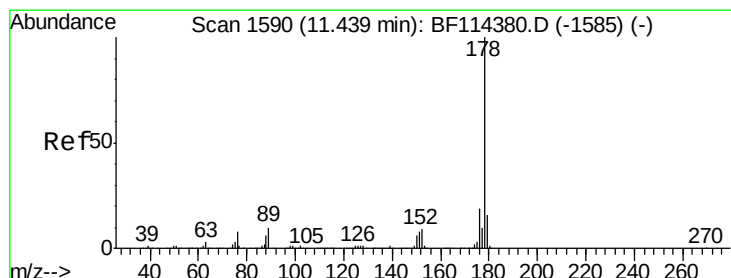
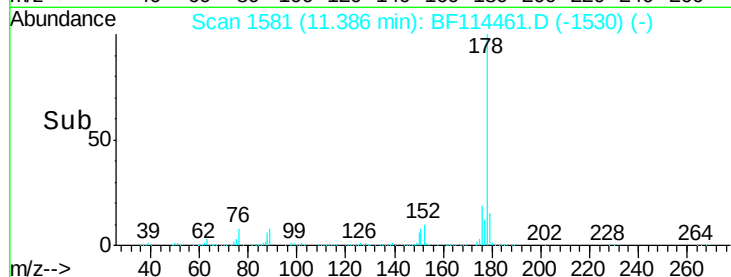
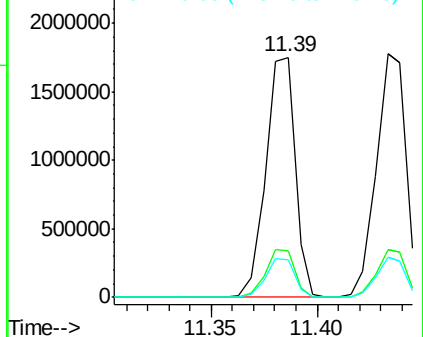
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.507 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:178 Resp: 1766063

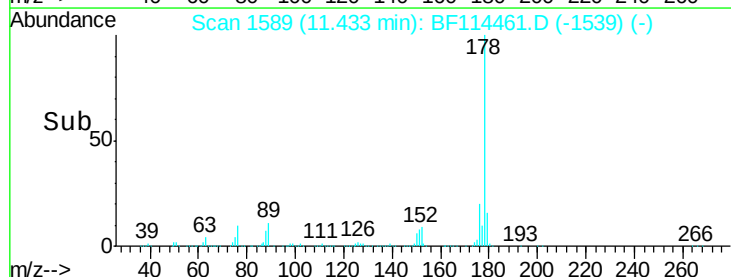
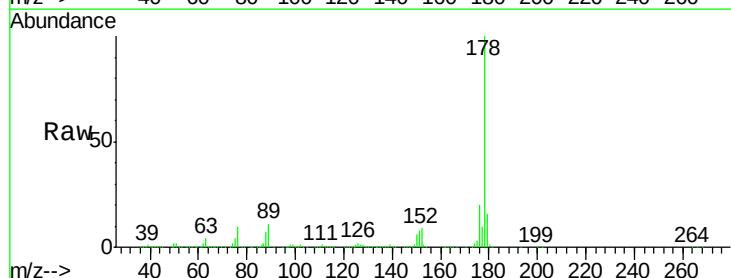
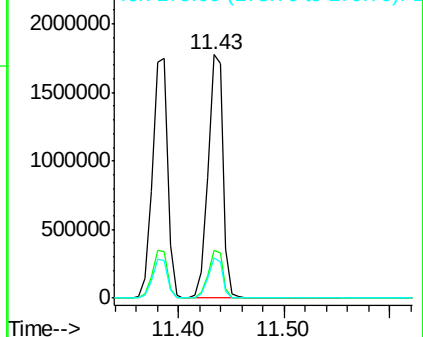
Ion Ratio Lower Upper

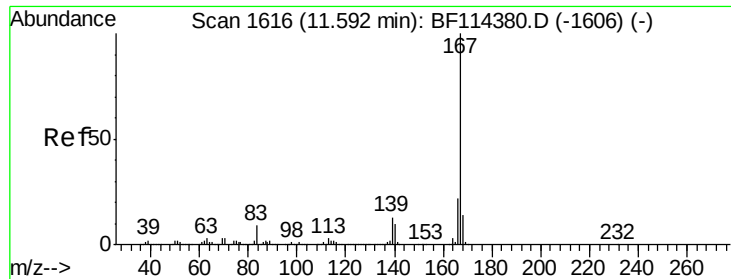
178 100

176 19.6 15.8 23.8

179 16.3 13.0 19.4

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





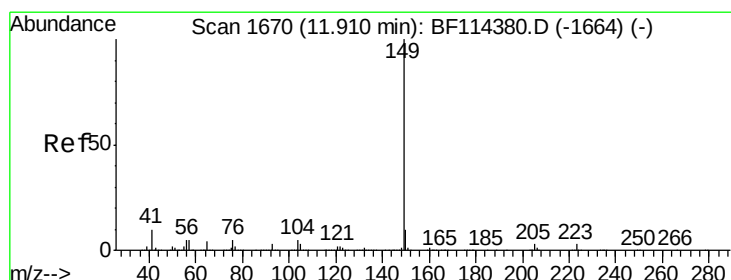
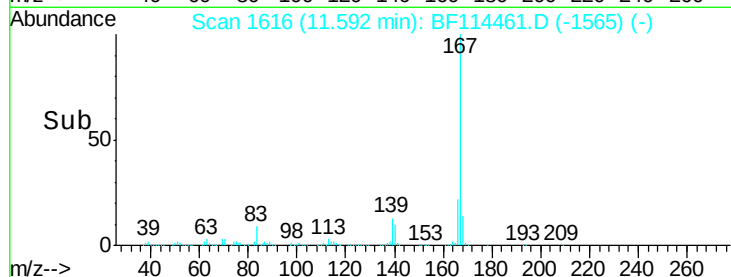
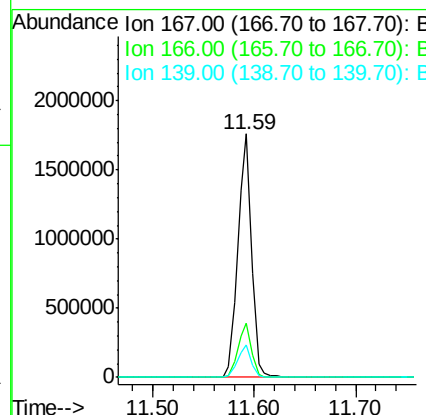
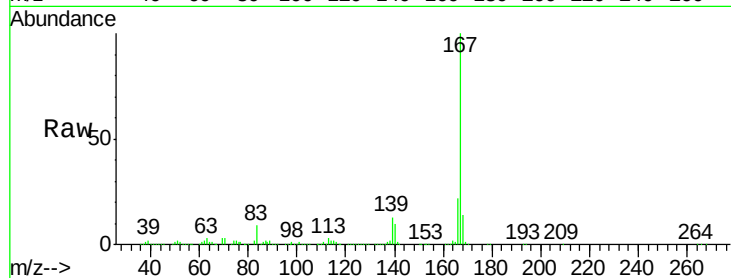
#73
 Carbazole
 Concen: 46.524 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	13.1	10.6	16.0

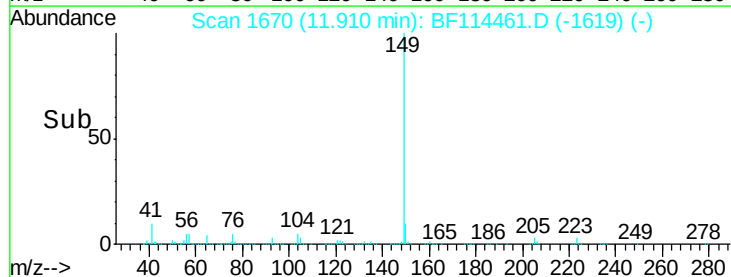
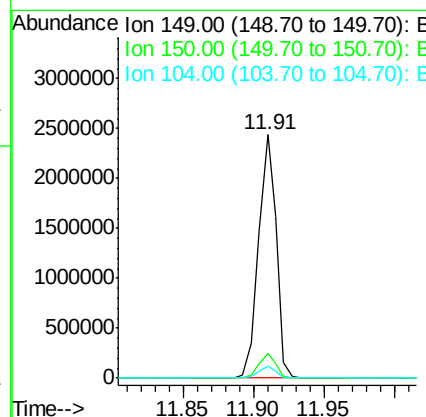
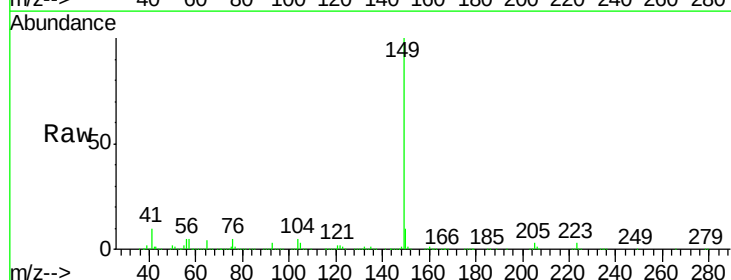
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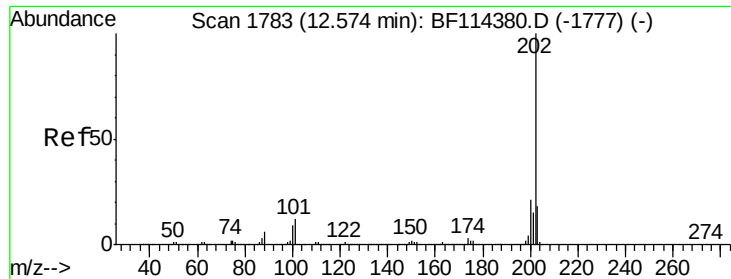
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#74
 Di-n-butylphthalate
 Concen: 52.742 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	5.0	3.6	5.4





#75

Fluoranthene

Concen: 40.998 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

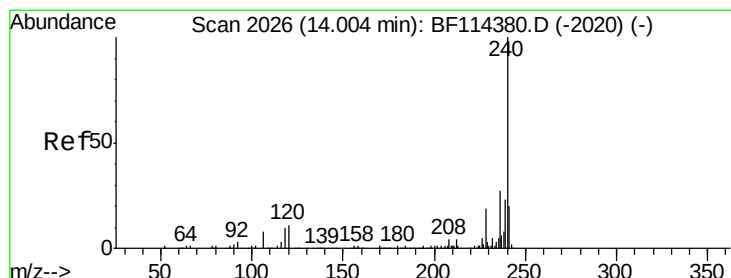
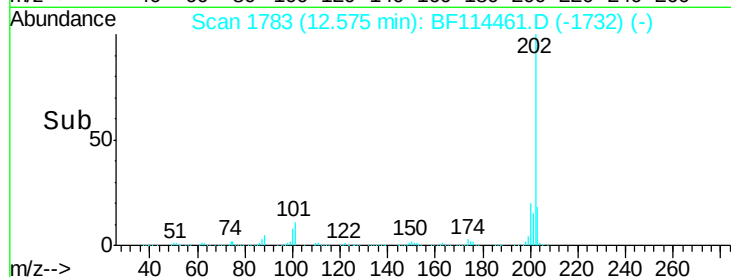
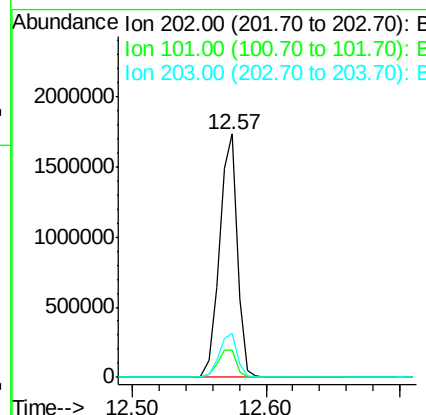
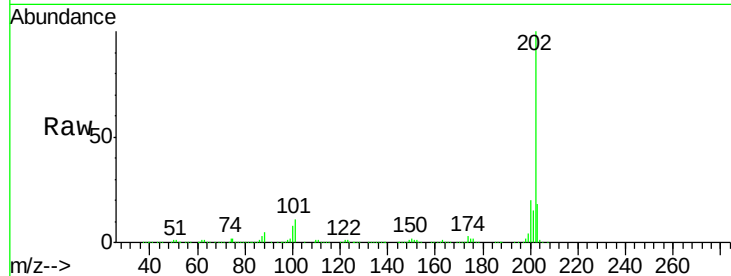
ClientSampleId :

CL-03-051719MS

Tgt Ion:	202	Resp:	1634039
Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.0
203	18.1	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

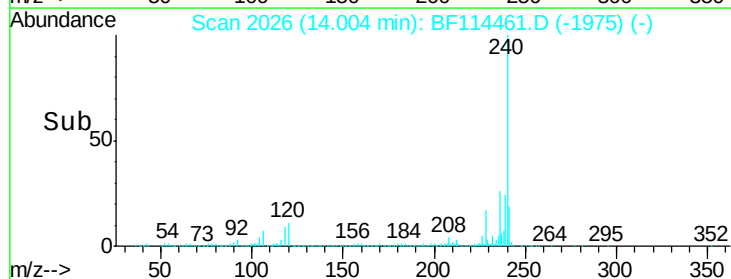
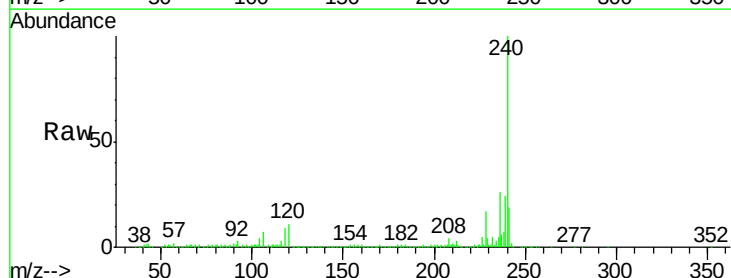
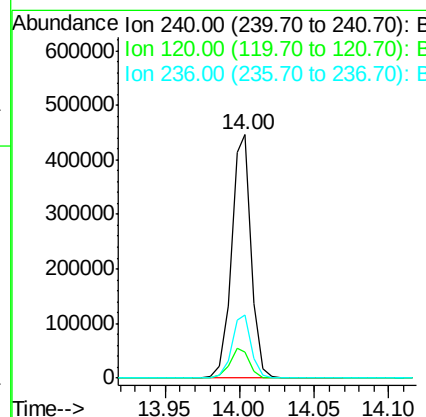
RT: 14.00 min Scan# 2026

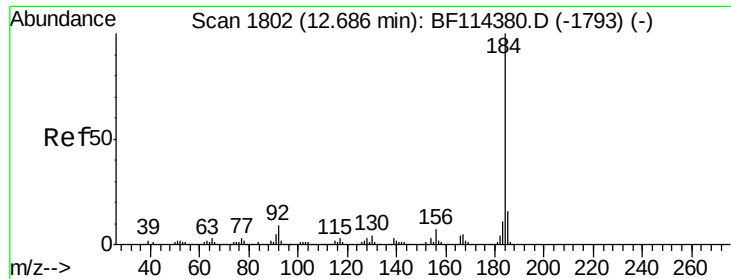
Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	240	Resp:	416205
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.3	12.5
236	25.7	20.8	31.2





#77

Benzidine

Concen: 28.603 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

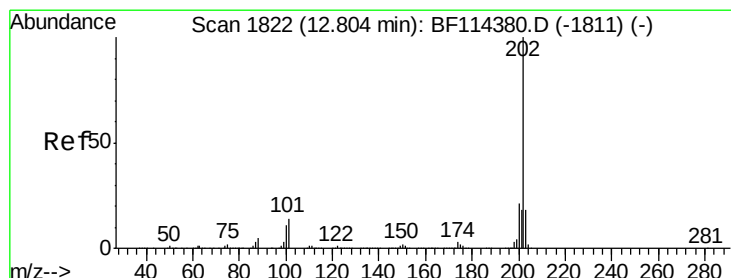
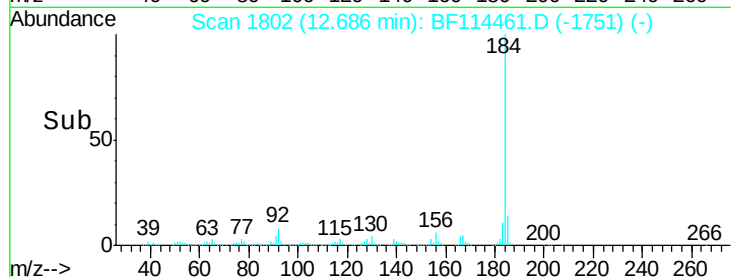
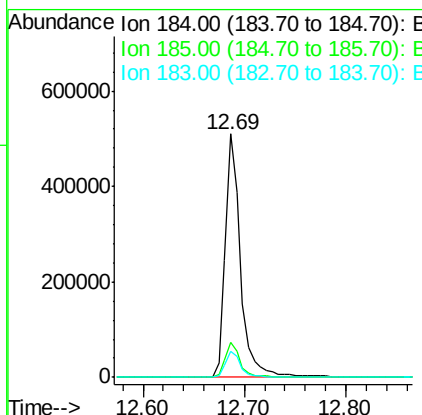
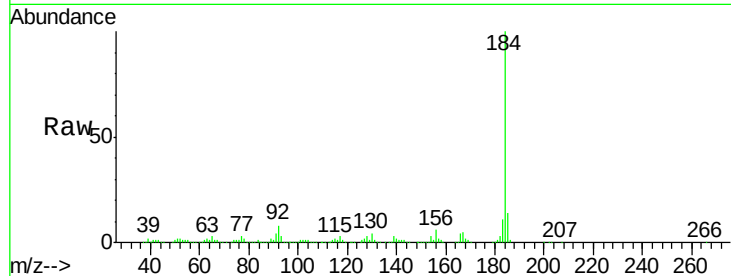
ClientSampleId :

CL-03-051719MS

Tgt Ion:	184	Resp:	534385
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	10.9	9.2	13.8

Manual Integrations
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#78

Pyrene

Concen: 47.787 ng

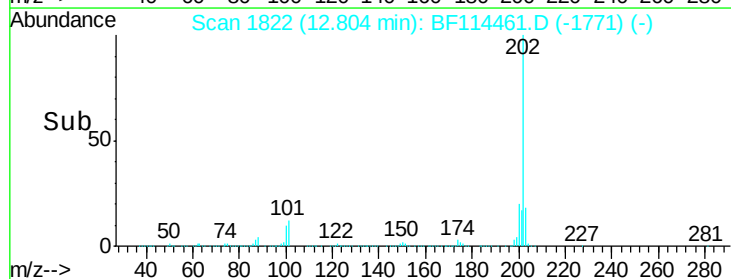
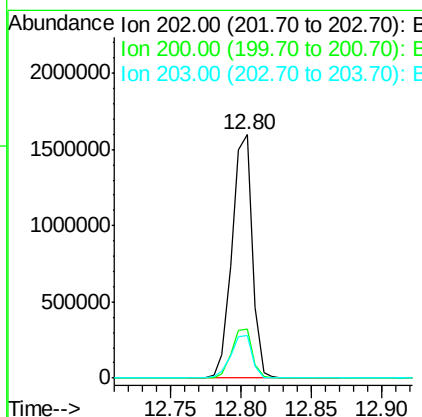
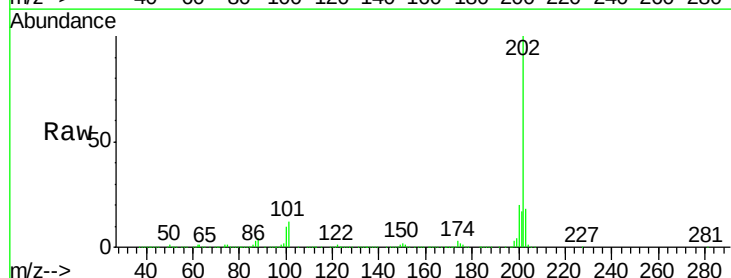
RT: 12.80 min Scan# 1822

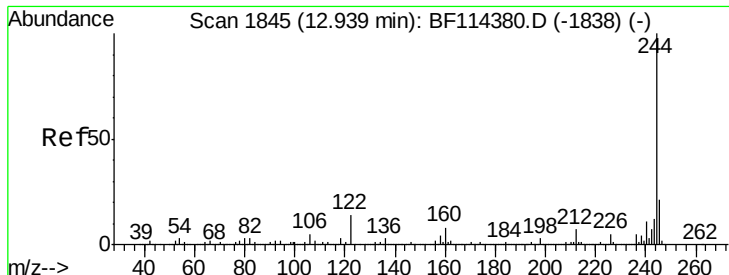
Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	202	Resp:	1599976
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.9	25.3
203	17.8	14.5	21.7





#79

Terphenyl-d14

Concen: 100.676 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

ClientSampleId :

CL-03-051719MS

Tgt Ion:244 Resp: 2032650

Ion Ratio Lower Upper

244 100

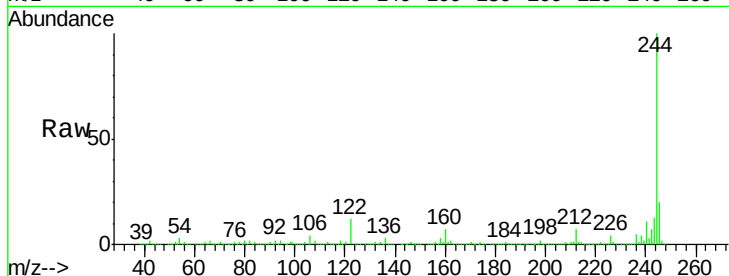
212 7.0 5.8 8.6

122 12.3 9.4 14.2

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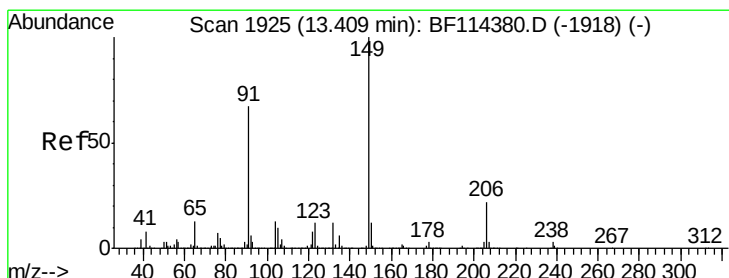
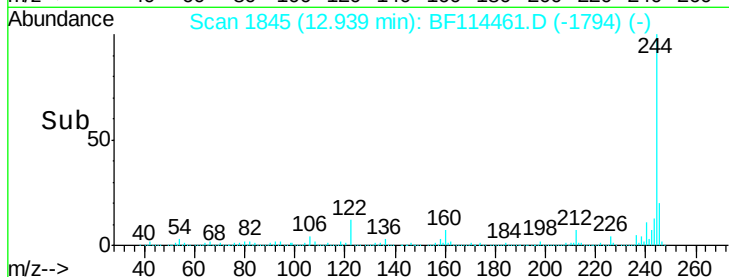
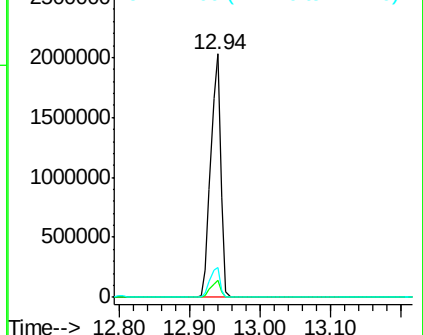
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.106 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

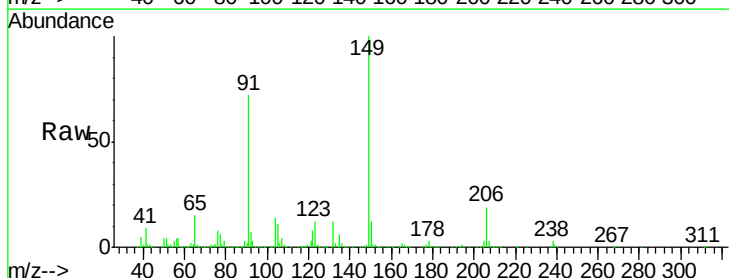
Tgt Ion:149 Resp: 804785

Ion Ratio Lower Upper

149 100

91 72.0 55.0 82.4

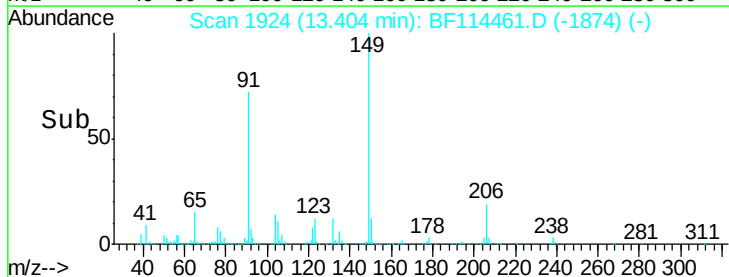
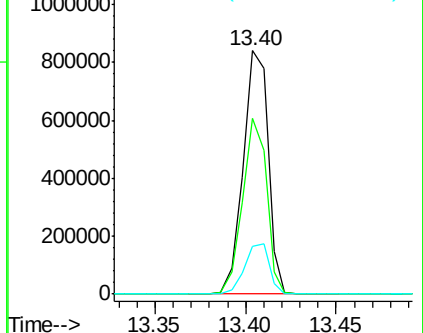
206 19.4 16.9 25.3

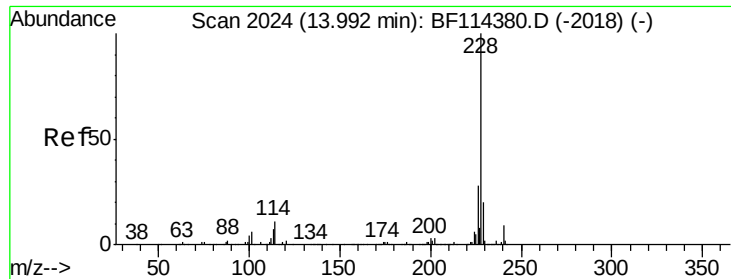


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





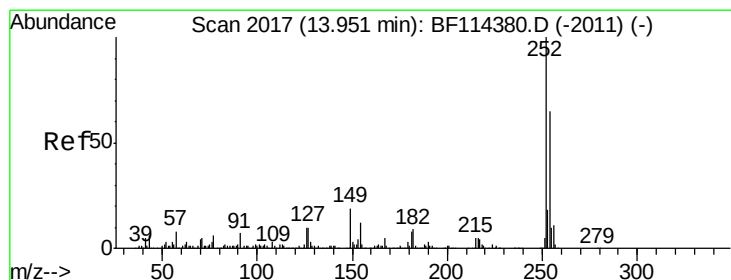
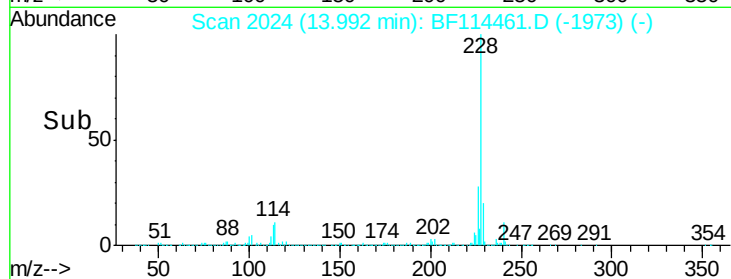
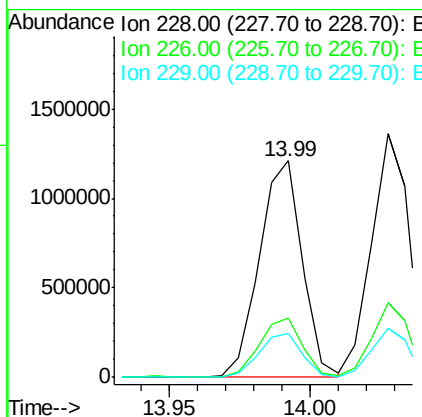
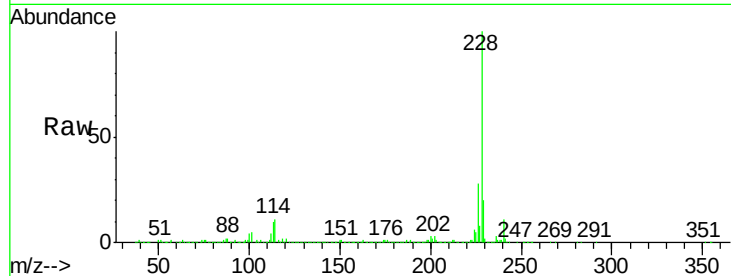
#81
Benzo(a)anthracene
Concen: 47.077 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion:228 Resp: 1267306
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.0 16.4 24.6

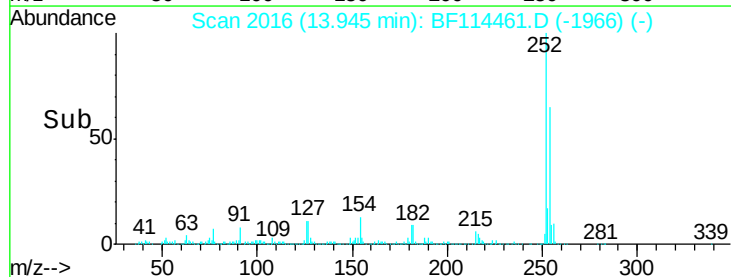
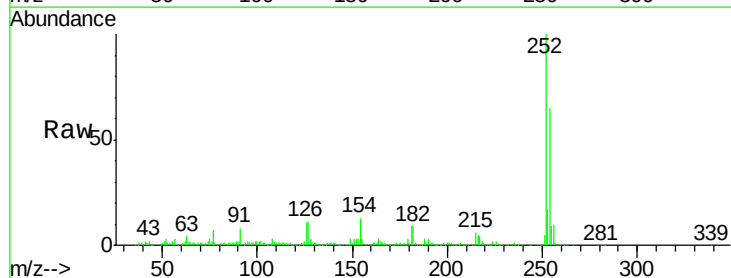
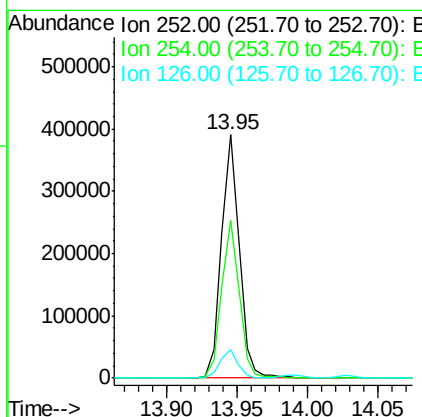
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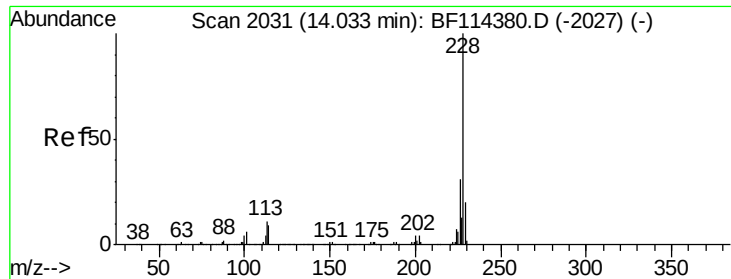
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#82
3,3'-Dichlorobenzidine
Concen: 33.326 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion:252 Resp: 348020
Ion Ratio Lower Upper
252 100
254 64.8 51.9 77.9
126 11.5 7.9 11.9





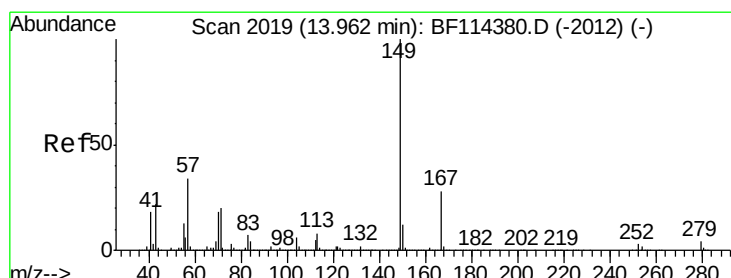
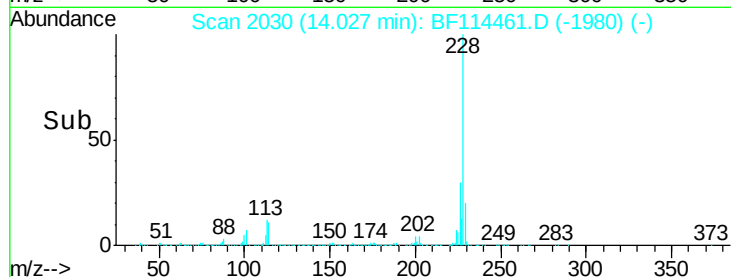
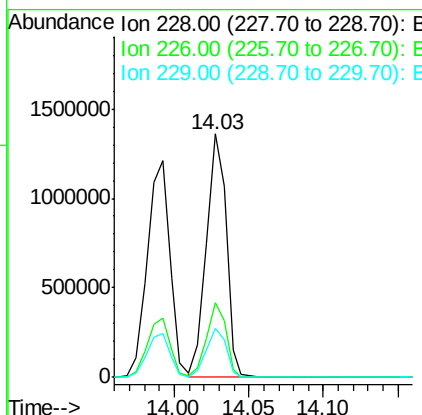
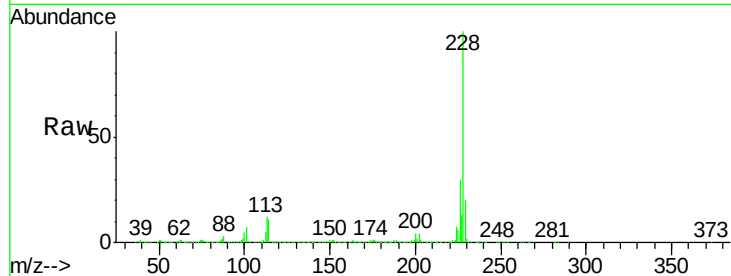
#83
Chrysene
 Concen: 47.292 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Instrument :
 BNA_F
 ClientSampleId :
 CL-03-051719MS

Tgt Ion: 228 Resp: 1248002
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 20.1 17.0 25.6

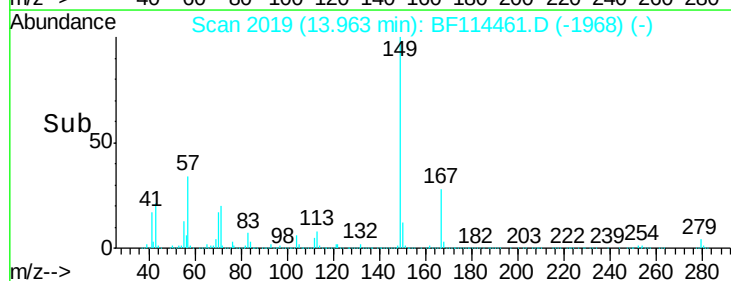
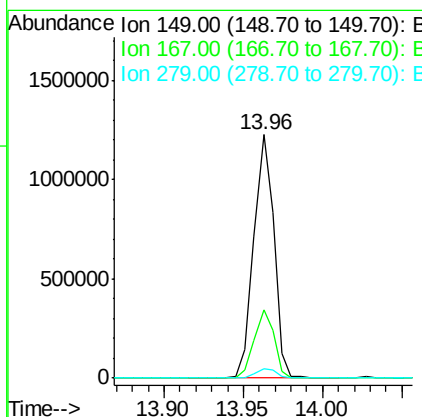
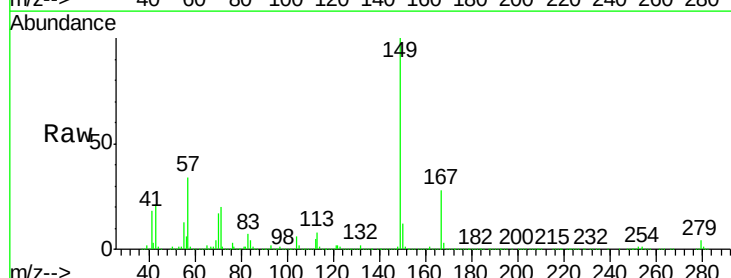
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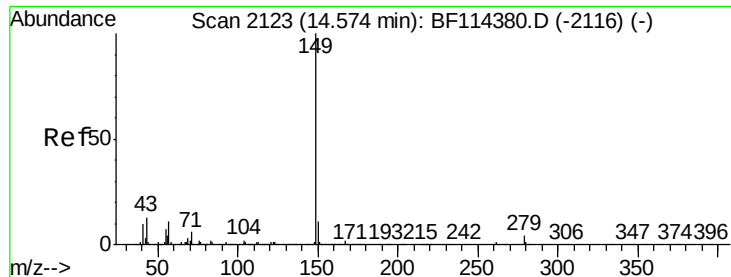
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 58.696 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF114461.D
 Acq: 21 May 2019 17:37

Tgt Ion: 149 Resp: 1081855
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 3.8 3.0 4.6





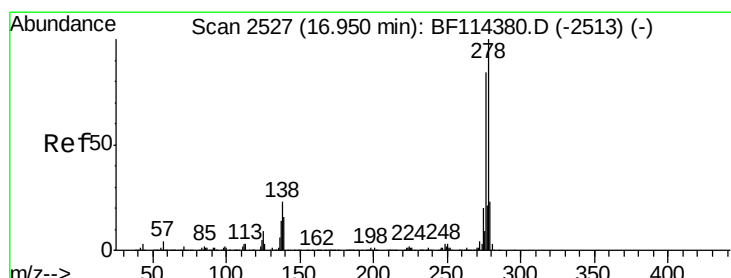
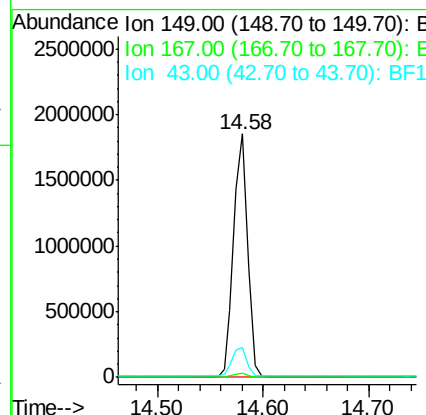
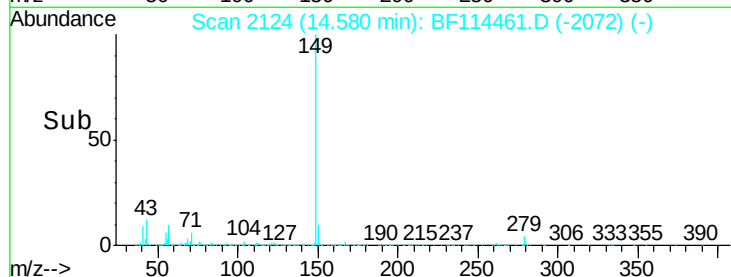
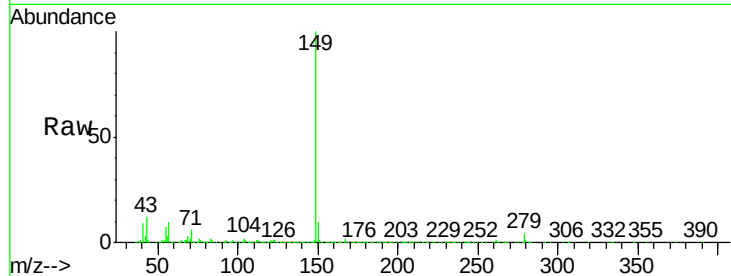
#85
Di-n-octyl phthalate
Concen: 56.864 ng
RT: 14.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.3	10.1	15.1

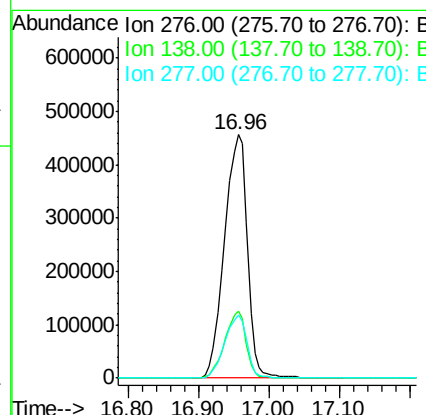
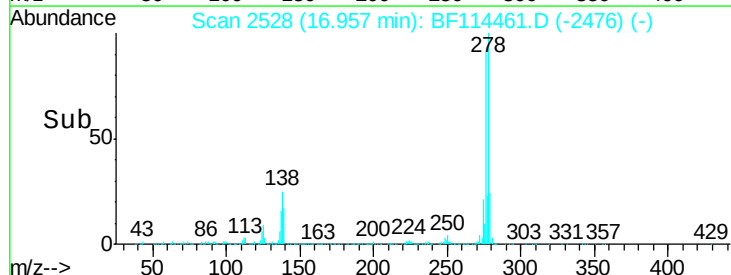
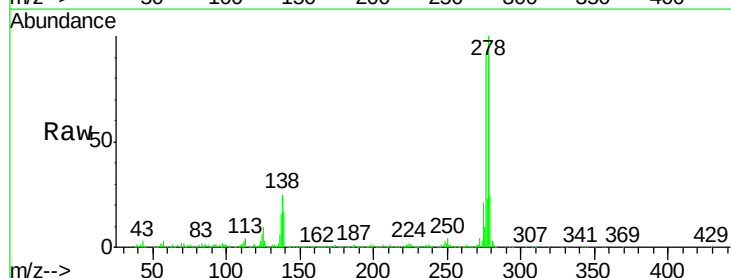
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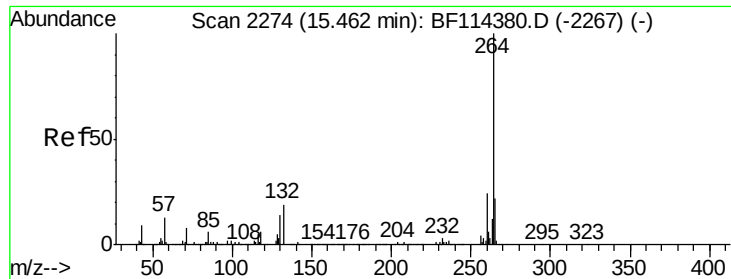
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.335 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.2
277	25.0	20.0	30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

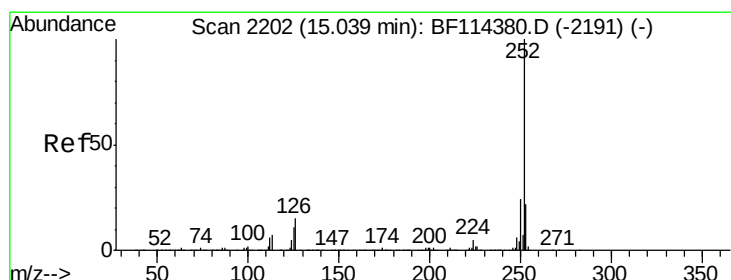
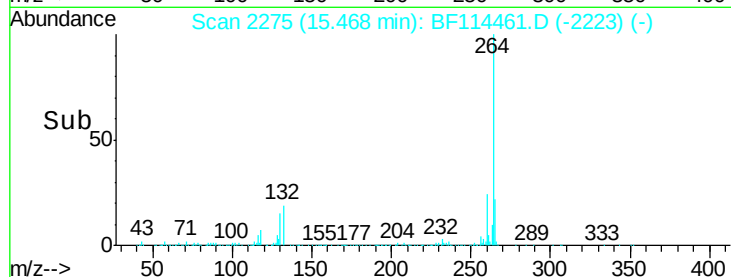
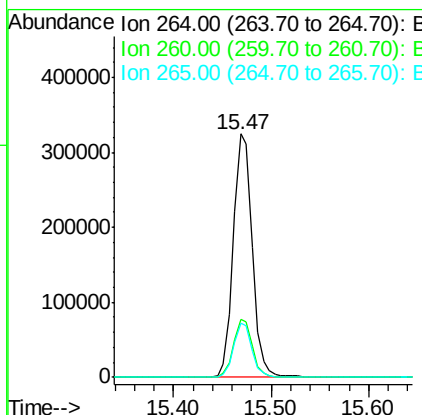
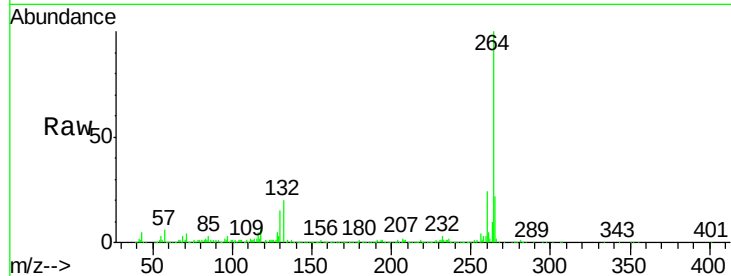
ClientSampleId :

CL-03-051719MS

Tgt Ion:	264	Resp:	438399
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.2	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 49.036 ng

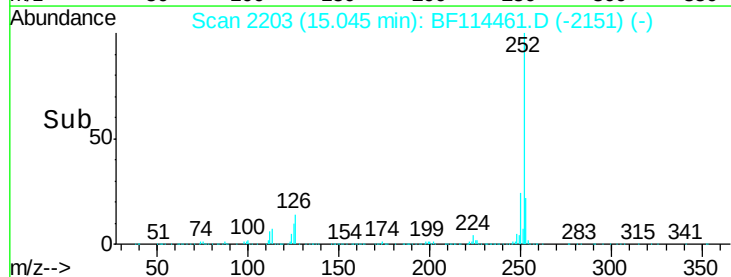
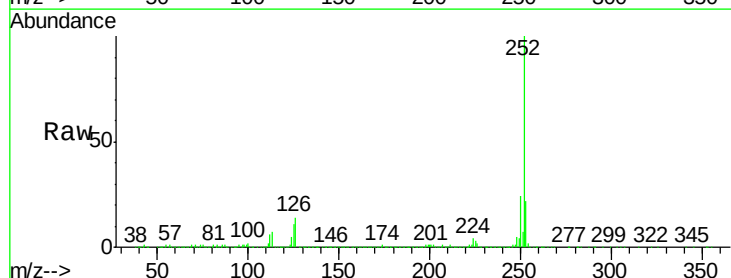
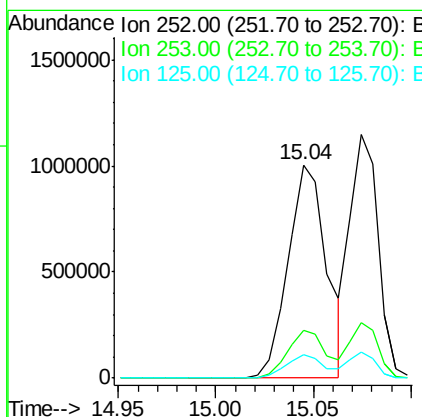
RT: 15.04 min Scan# 2203

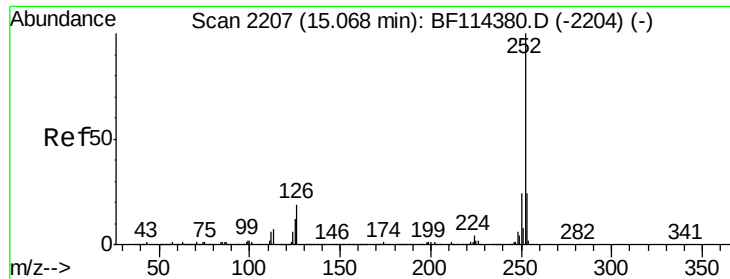
Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	252	Resp:	1377232
Ion Ratio		Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.7	8.3	12.5





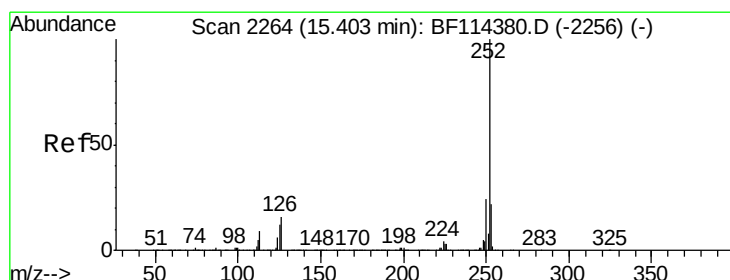
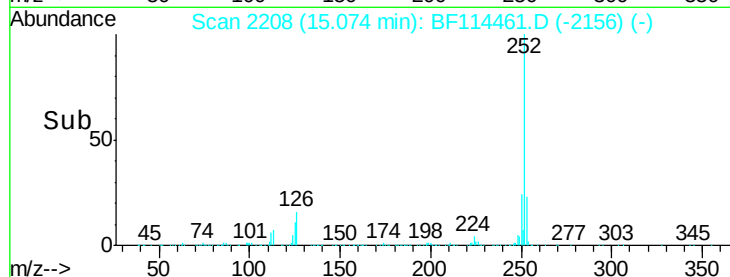
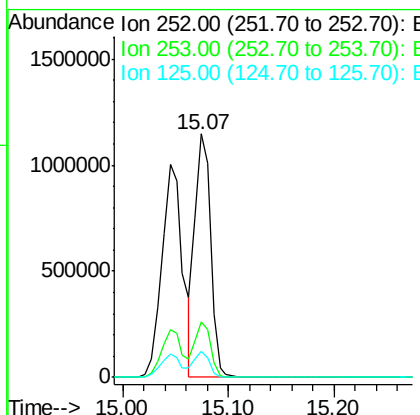
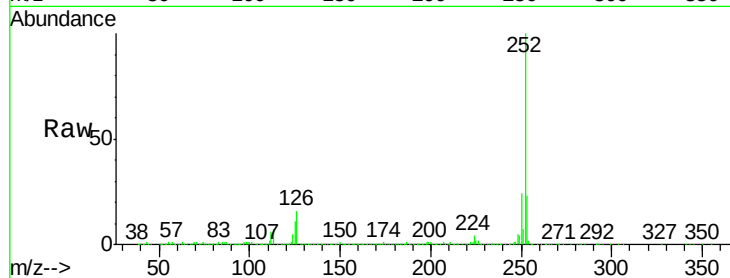
#89
Benzo(k)fluoranthene
Concen: 45.040 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Instrument :
BNA_F
ClientSampleId :
CL-03-051719MS

Tgt Ion: 252 Resp: 1162030
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 10.9 8.6 13.0

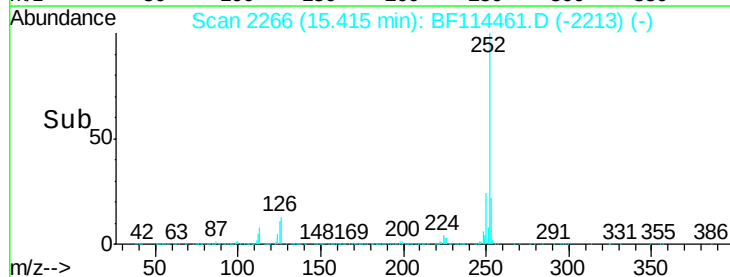
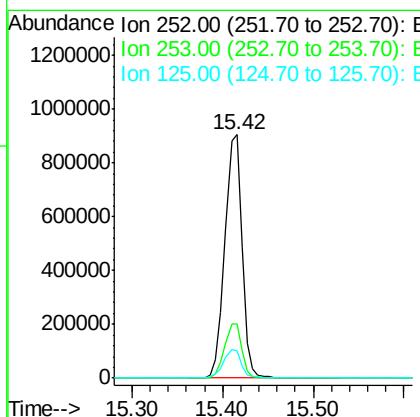
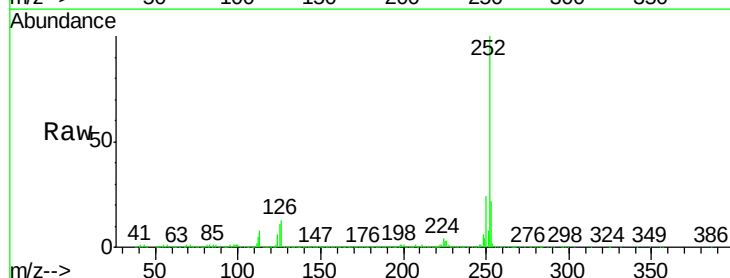
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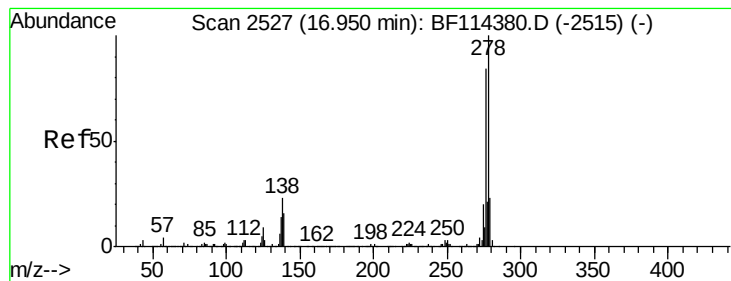
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#90
Benzo(a)pyrene
Concen: 47.919 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF114461.D
Acq: 21 May 2019 17:37

Tgt Ion: 252 Resp: 1184481
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 43.357 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Instrument :

BNA_F

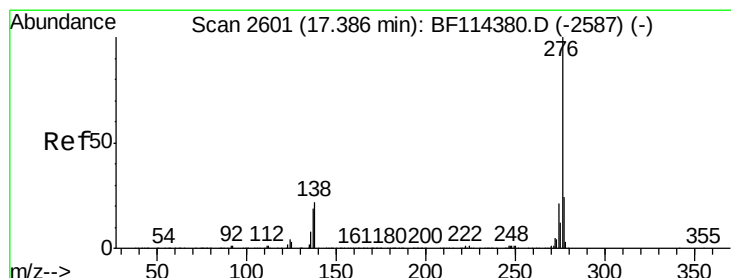
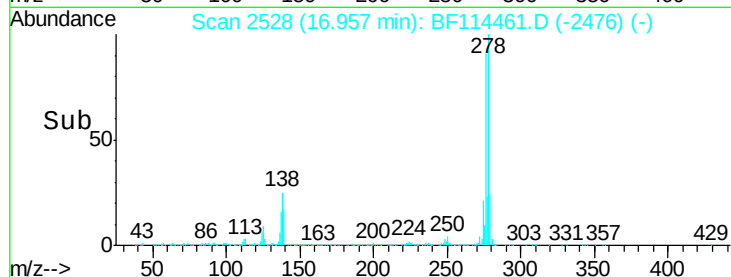
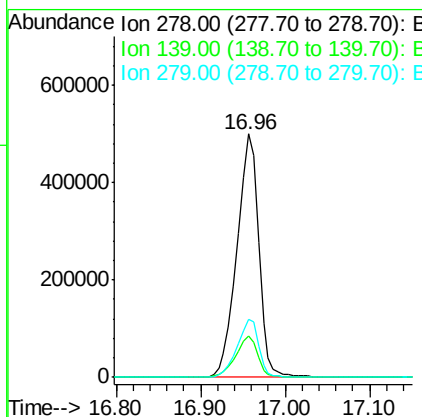
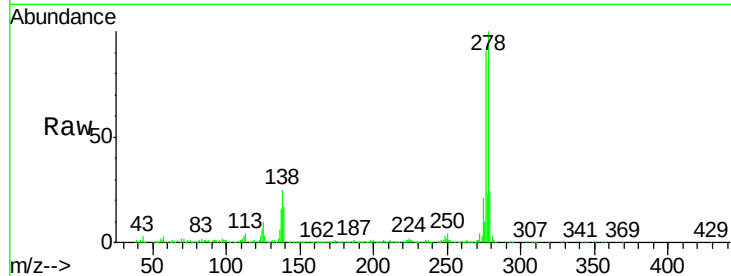
ClientSampleId :

CL-03-051719MS

Tgt Ion:	278	Resp:	890543
Ion Ratio	Lower	Upper	
278	100		
139	17.0	13.5	20.3
279	23.8	19.0	28.6

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 40.351 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BF114461.D

Acq: 21 May 2019 17:37

Tgt Ion:	276	Resp:	830588
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	22.1	17.8	26.6

