

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114278.D
 Acq On : 15 May 2019 12:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 5/16/2019 9:50:52 AM

Quant Time: May 16 01:39:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	291579	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1134058	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	509469	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	972942	20.00	ng	0.00
76) Chrysene-d12	14.03	240	668765	20.00	ng	0.01
87) Perylene-d12	15.53	264	618713	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1368389	75.52	ng	0.00
7) Phenol-d6	6.50	99	1710527	79.82	ng	0.01
23) Nitrobenzene-d5	7.42	82	1637525	81.03	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	386696	73.42	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2530221	75.12	ng	0.00
79) Terphenyl-d14	12.96	244	2449848	75.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	360892	36.237	ng	100
3) Pyridine	3.39	79	1015135	36.995	ng	97
4) n-Nitrosodimethylamine	3.35	42	491472	37.142	ng	91
6) Aniline	6.52	93	1161207	37.512	ng	# 41
8) 2-Chlorophenol	6.65	128	784108	40.537	ng	96
9) Benzaldehyde	6.40	77	543351	36.218	ng	97
10) Phenol	6.52	94	959669	38.068	ng	76
11) bis(2-Chloroethyl)ether	6.59	93	808739	42.257	ng	99
12) 1,3-Dichlorobenzene	6.79	146	870802	40.106	ng	98
13) 1,4-Dichlorobenzene	6.87	146	873408	39.920	ng	98
14) 1,2-Dichlorobenzene	7.02	146	789007	39.472	ng	98
15) Benzyl Alcohol	7.00	79	654846	39.180	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1455834	39.232	ng	82
17) 2-Methylphenol	7.12	107	624436	39.299	ng	# 93
18) Hexachloroethane	7.36	117	330331	40.222	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	524071	38.582	ng	99
20) 3+4-Methylphenols	7.27	107	743181	40.482	ng	# 73
22) Acetophenone	7.26	105	1028786	40.950	ng	96
24) Nitrobenzene	7.43	77	843523	40.984	ng	100
25) Isophorone	7.67	82	1512843	40.367	ng	100
26) 2-Nitrophenol	7.75	139	422191	42.280	ng	99
27) 2,4-Dimethylphenol	7.79	122	581177	37.058	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	991324	40.767	ng	99
29) 2,4-Dichlorophenol	8.00	162	628635	40.254	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	706031	39.758	ng	97
31) Naphthalene	8.16	128	2118889	39.999	ng	99
32) Benzoic acid	7.93	122	442041	40.769	ng	98
33) 4-Chloroaniline	8.20	127	990272	41.023	ng	99
34) Hexachlorobutadiene	8.27	225	401697	39.756	ng	98
35) Caprolactam	8.58	113	219766m	43.158	ng	
36) 4-Chloro-3-methylphenol	8.70	107	651967	41.475	ng	99
37) 2-Methylnaphthalene	8.85	142	1387288	40.590	ng	97
38) 1-Methylnaphthalene	8.95	142	1306750	40.599	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	631335	40.908	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	245985	36.687	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	439461	41.399	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	440015	40.419	nq	94
46) 1,1'-Biphenyl	9.31	154	1649960	40.088	nq	98
47) 2-Chloronaphthalene	9.34	162	1330600	40.171	nq	98
48) 2-Nitroaniline	9.43	65	494963	42.134	nq	98
49) Acenaphthylene	9.75	152	1999409	39.687	nq	99
50) Dimethylphthalate	9.61	163	1504121	40.217	nq	99
51) 2,6-Dinitrotoluene	9.67	165	329155	39.680	nq	99
52) Acenaphthene	9.92	154	1192198	38.564	nq	98
53) 3-Nitroaniline	9.85	138	422906	41.070	nq	96
54) 2,4-Dinitrophenol	9.96	184	135945	36.589	nq	97
55) Dibenzofuran	10.09	168	1716237	37.859	nq	99
56) 4-Nitrophenol	10.02	139	267048	36.672	nq	96
57) 2,4-Dinitrotoluene	10.09	165	422260	37.504	nq	95
58) Fluorene	10.44	166	1353487	38.655	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	343829	36.604	nq	99
60) Diethylphthalate	10.30	149	1439761	37.888	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	667067	38.788	nq	97
62) 4-Nitroaniline	10.46	138	431650	39.892	nq	99
63) Azobenzene	10.59	77	1440807	39.171	nq	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	198443	42.447	nq	88
66) n-Nitrosodiphenylamine	10.55	169	1188782	40.258	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	434765	40.585	nq	96
68) Hexachlorobenzene	10.99	284	469192	39.591	nq	97
69) Atrazine	11.07	200	358092	38.968	nq	100
70) Pentachlorophenol	11.19	266	233517	41.567	nq	98
71) Phenanthrene	11.40	178	1913538	40.426	nq	99
72) Anthracene	11.45	178	1955383	41.128	nq	100
73) Carbazole	11.60	167	1856556	40.950	nq	100
74) Di-n-butylphthalate	11.93	149	2174355	41.629	nq	99
75) Fluoranthene	12.59	202	2021143	39.651	nq	97
77) Benzidine	12.70	184	837080	27.884	nq	97
78) Pyrene	12.82	202	2060928	38.308	nq	99
80) Butylbenzylphthalate	13.43	149	955377	42.190	nq	99
81) Benzo(a)anthracene	14.02	228	1814735	41.954	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	692089	41.245	nq	# 98
83) Chrysene	14.06	228	1703149	40.166	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1286719	43.447	nq	99
85) Di-n-octyl phthalate	14.64	149	2139441	44.563	nq	100
86) Indeno(1,2,3-cd)pyrene	17.03	276	1488523	39.721	nq	99
88) Benzo(b)fluoranthene	15.10	252	1748012	44.099	nq	98
89) Benzo(k)fluoranthene	15.14	252	1494007	41.031	nq	98
90) Benzo(a)pyrene	15.47	252	1496424	42.896	nq	99
91) Dibenzo(a,h)anthracene	17.04	278	1215350	41.926	nq	99
92) Benzo(g,h,i)perylene	17.47	276	1231841	42.404	nq	98

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

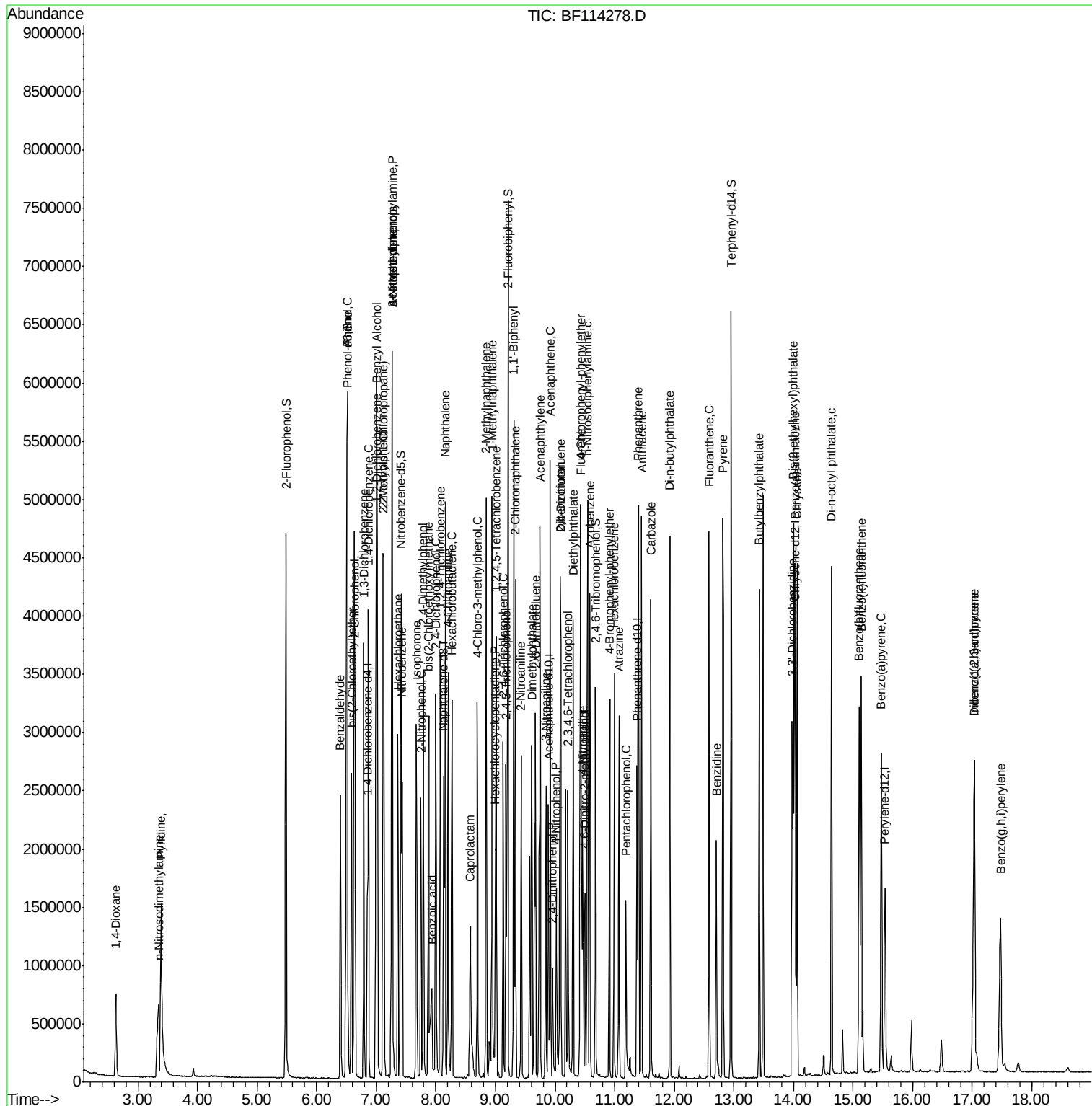
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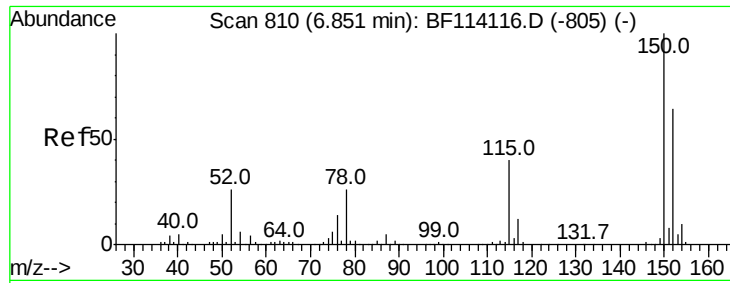
Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

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#1

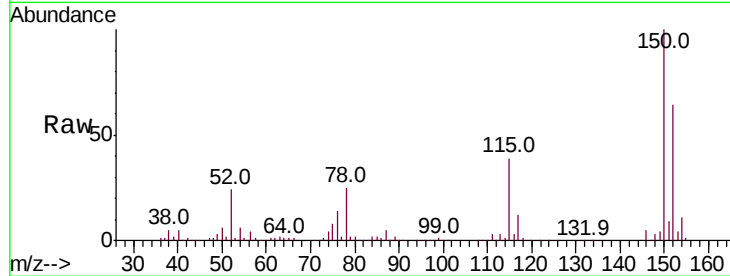
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.3	186.5
115	61.5	49.1	73.7

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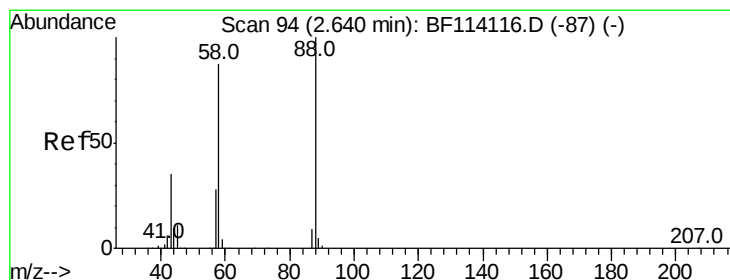
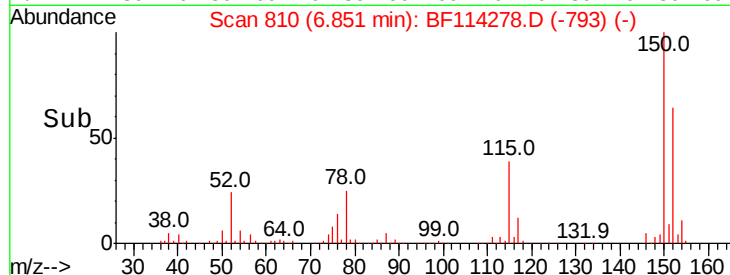
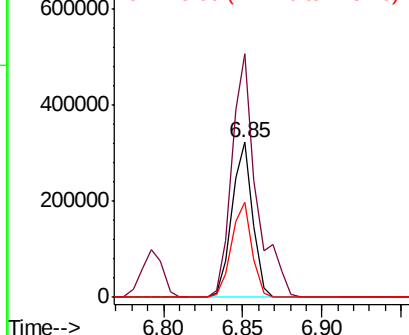


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

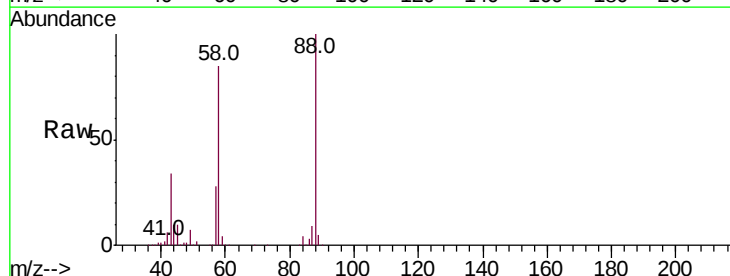
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.237 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	68.7	103.1
43	34.6	28.2	42.2

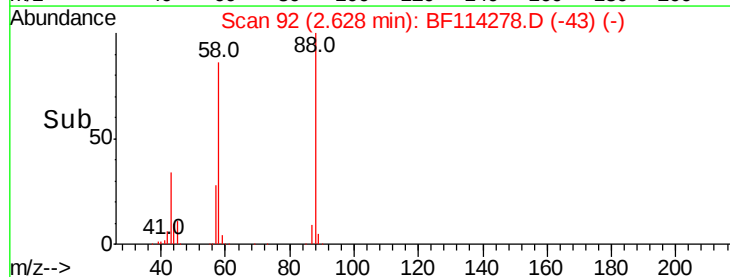
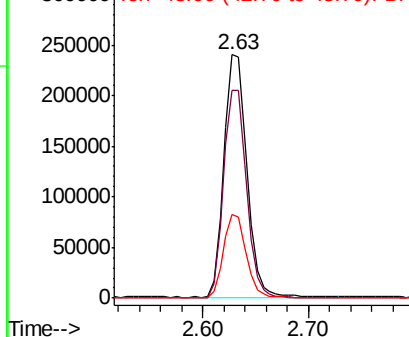


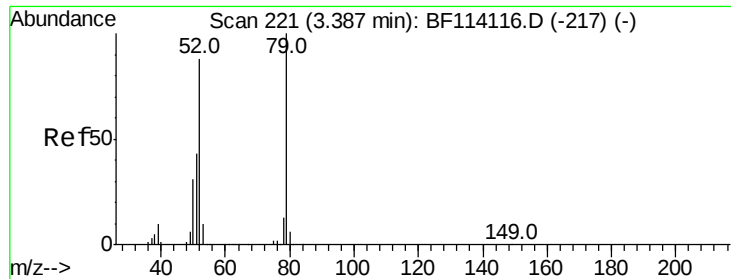
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.995 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1015135

Ion Ratio Lower Upper

79 100

52 84.8 70.6 105.8

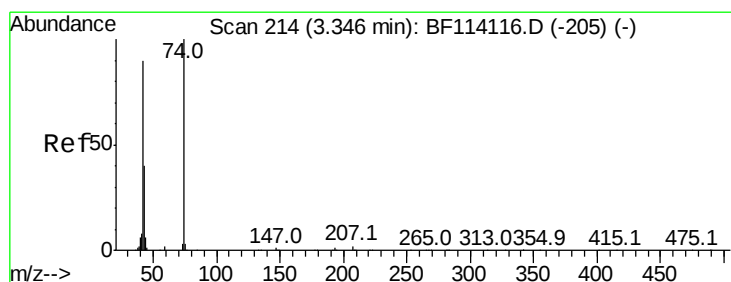
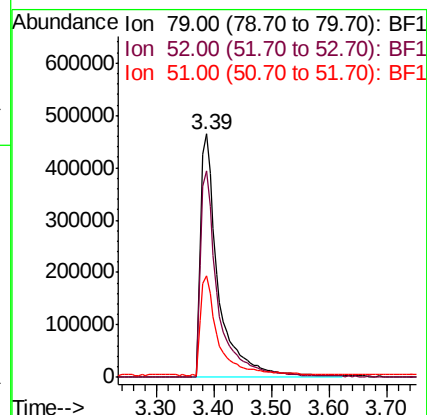
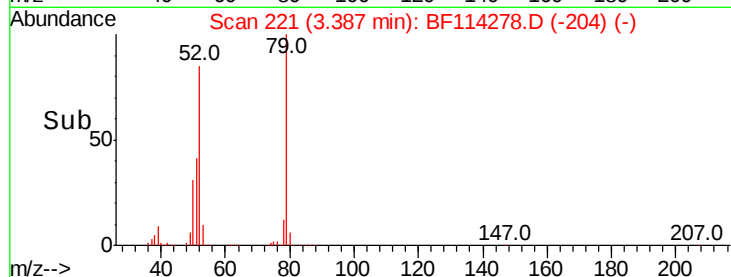
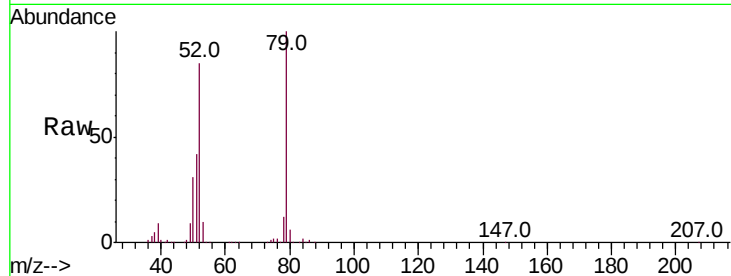
51 41.9 34.2 51.2

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#4

n-Nitrosodimethylamine

Concen: 37.142 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

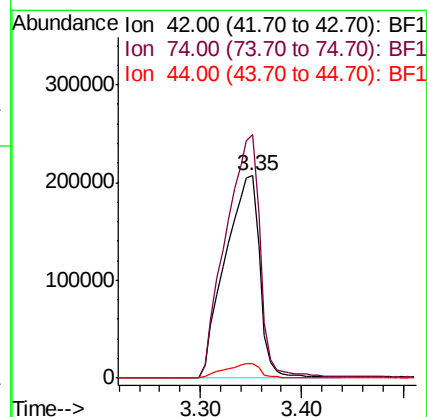
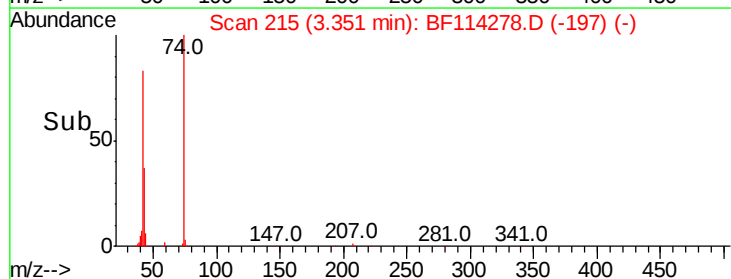
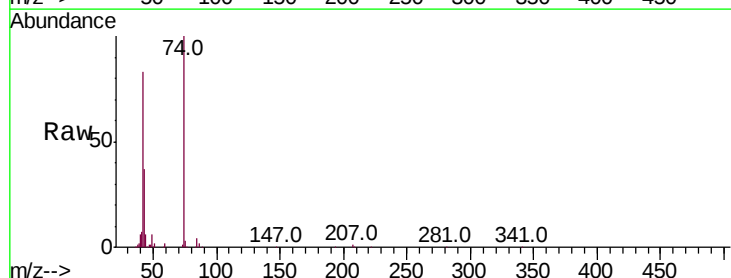
Tgt Ion: 42 Resp: 491472

Ion Ratio Lower Upper

42 100

74 120.4 88.6 132.8

44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 75.523 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1368389

Ion Ratio Lower Upper

112 100

64 63.1 49.0 73.6

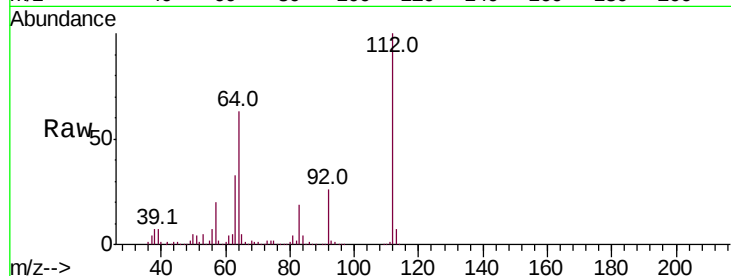
63 32.8 24.6 37.0

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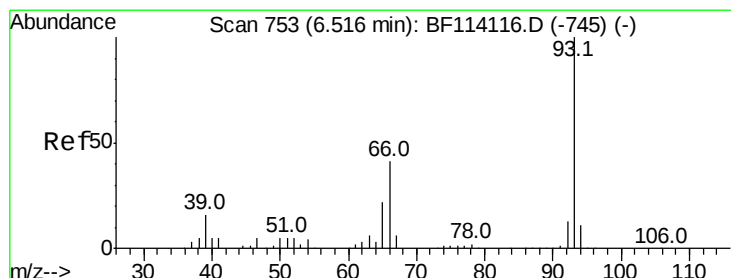
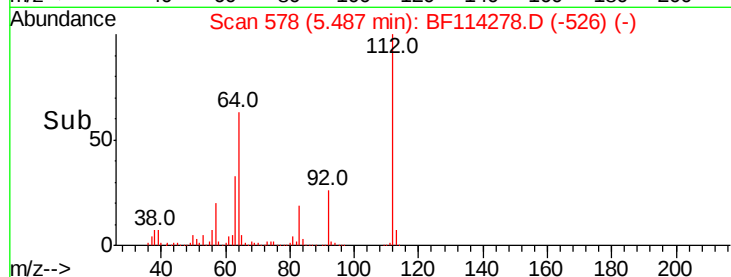
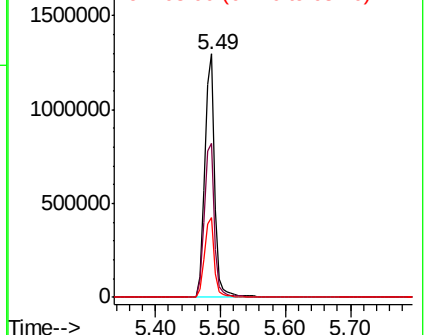
5/16/2019 9:50:52 AM



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: 37.512 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

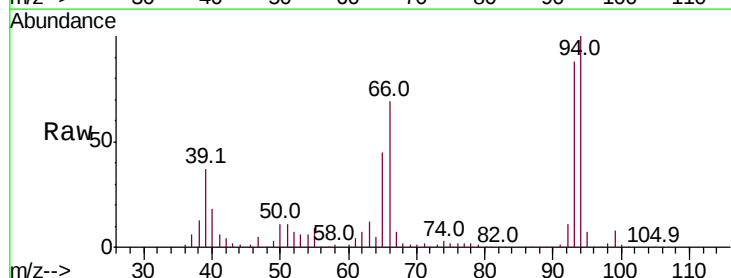
Tgt Ion: 93 Resp: 1161207

Ion Ratio Lower Upper

93 100

66 78.0 33.2 49.8#

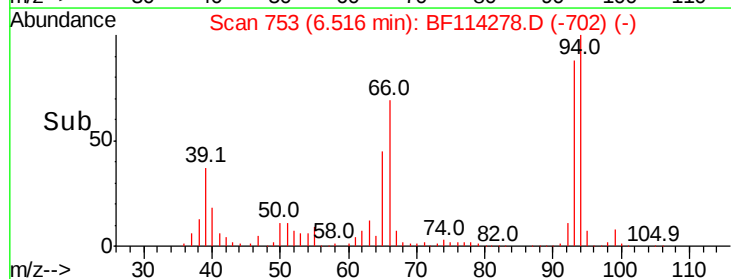
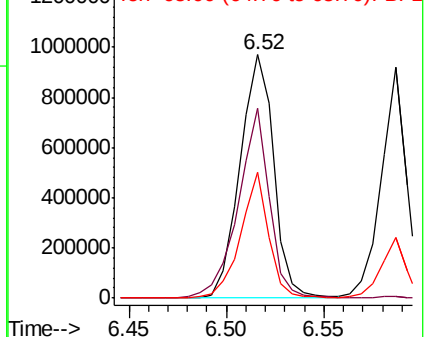
65 51.6 17.6 26.4#



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: 79.820 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

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Tot Ion: 99 Resp: 1710527

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

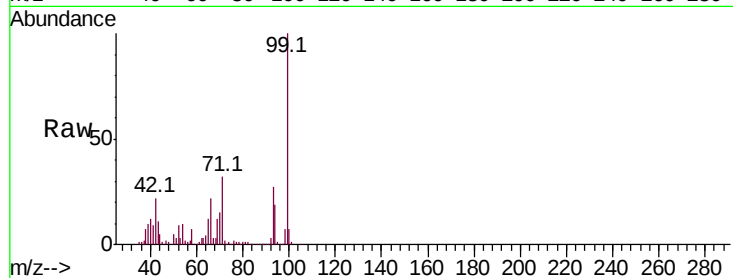
71 31.8 26.2 39.2

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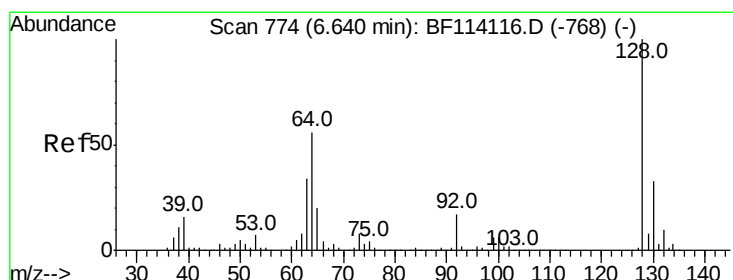
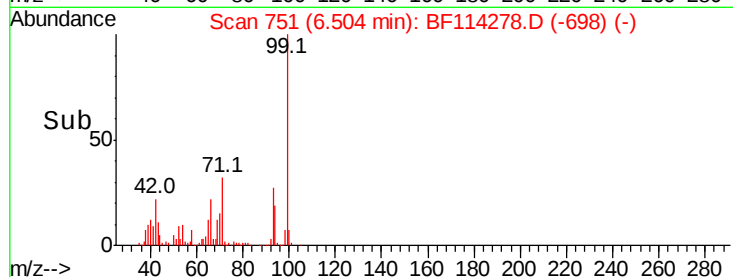
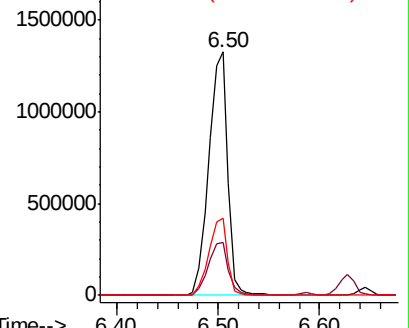
5/16/2019 9:50:52 AM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.537 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

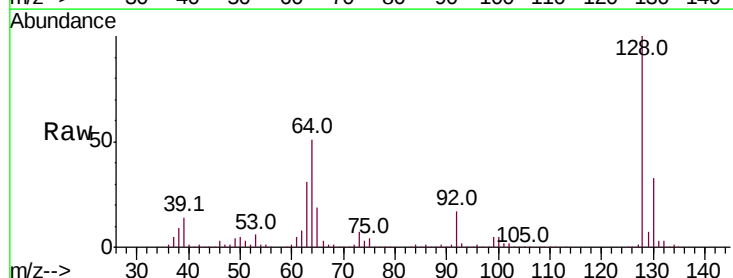
Tgt Ion:128 Resp: 784108

Ion Ratio Lower Upper

128 100

130 33.0 12.6 52.6

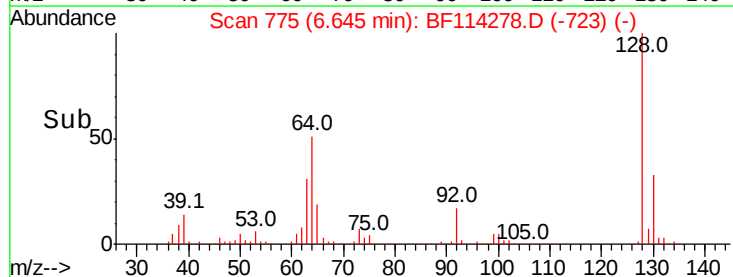
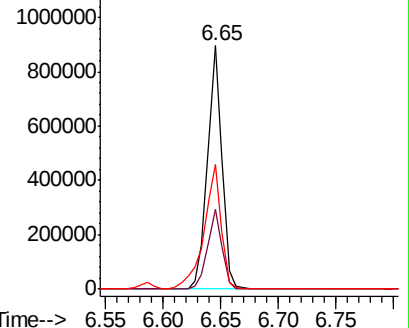
64 51.4 35.9 75.9

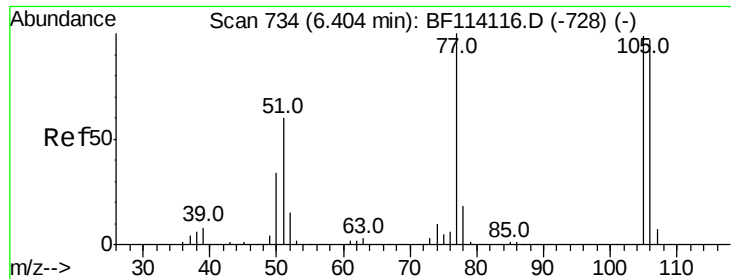


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.218 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 543351

Ion Ratio Lower Upper

77 100

105 96.4 79.3 119.3

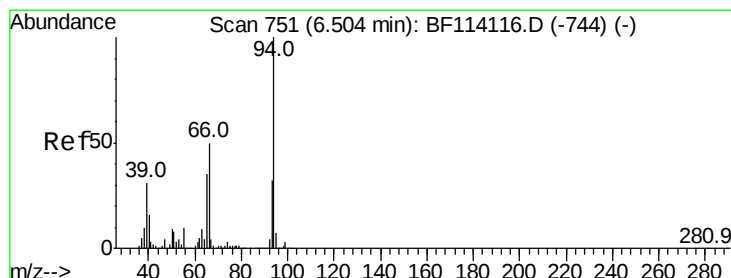
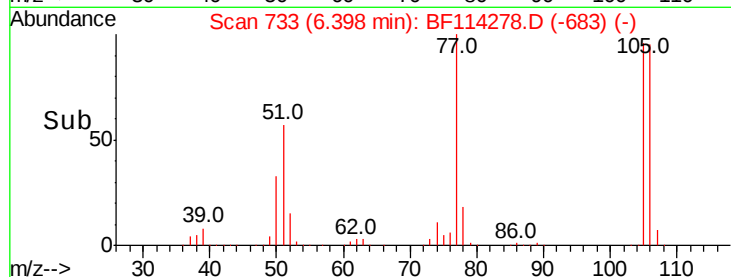
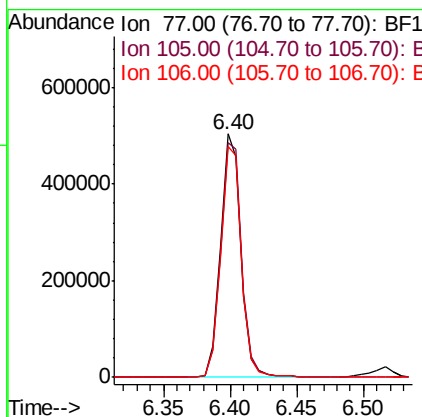
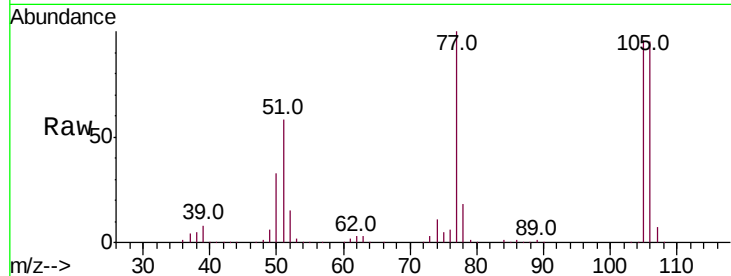
106 94.9 77.0 117.0

Manual Integrations

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#10

Phenol

Concen: 38.068 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

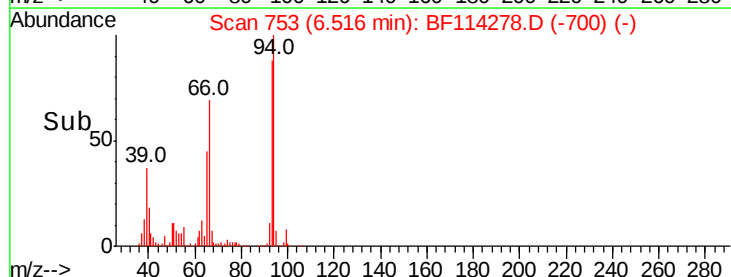
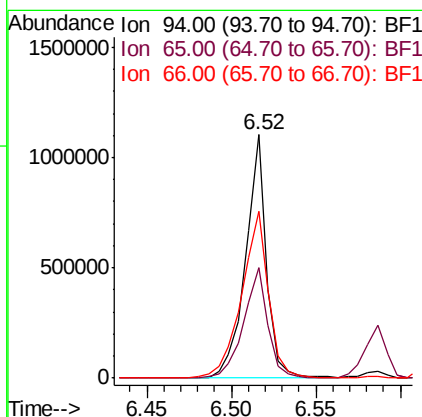
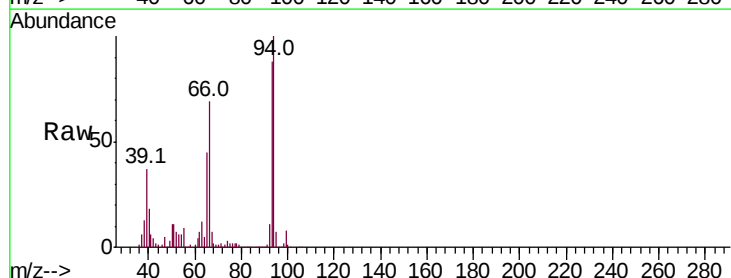
Tgt Ion: 94 Resp: 959669

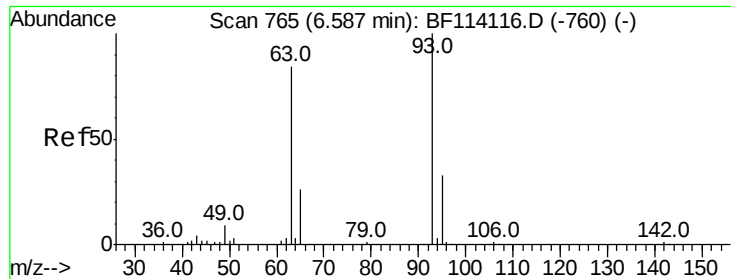
Ion Ratio Lower Upper

94 100

65 45.4 14.7 54.7

66 68.6 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 42.257 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

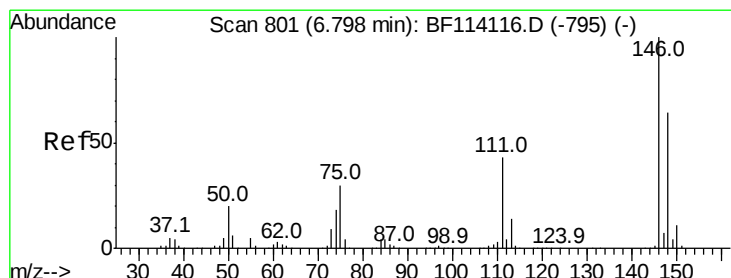
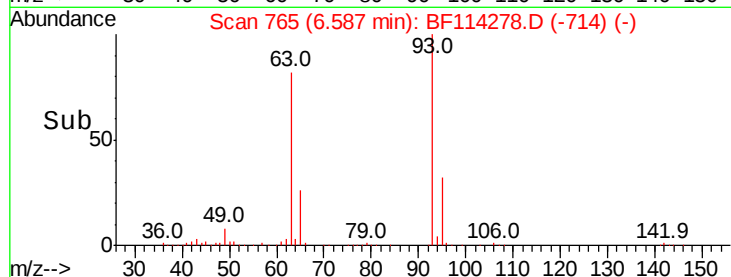
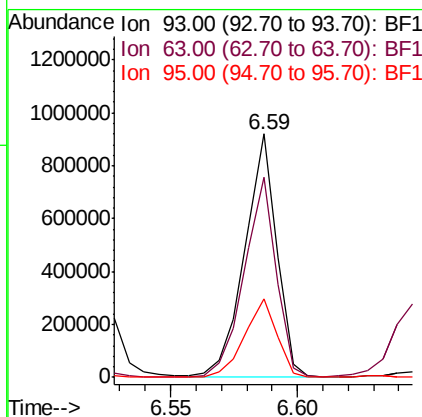
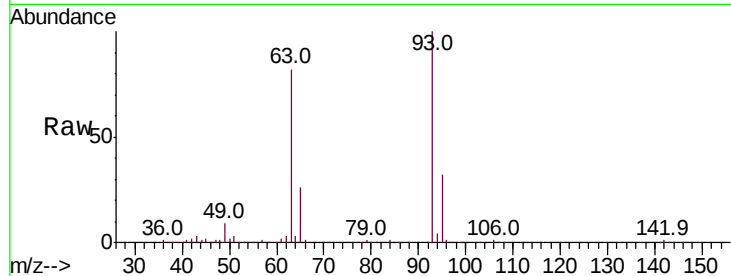
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	808739
Ion Ratio	Lower	Upper	
93	100		
63	82.4	63.6	103.6
95	32.3	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 40.106 ng

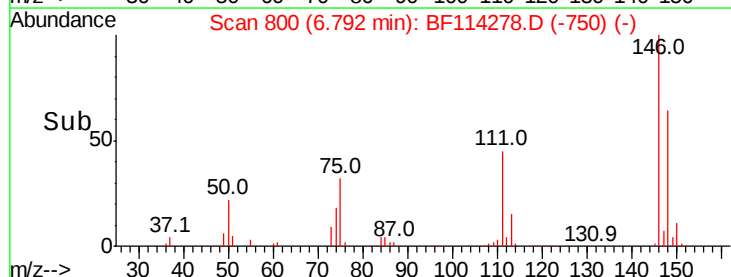
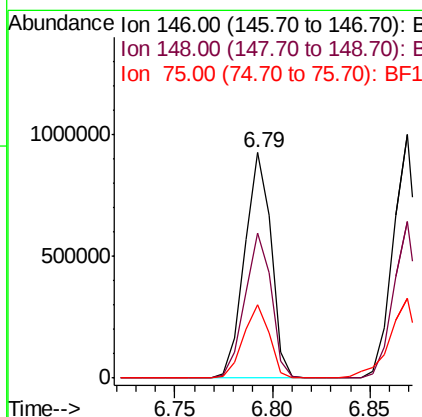
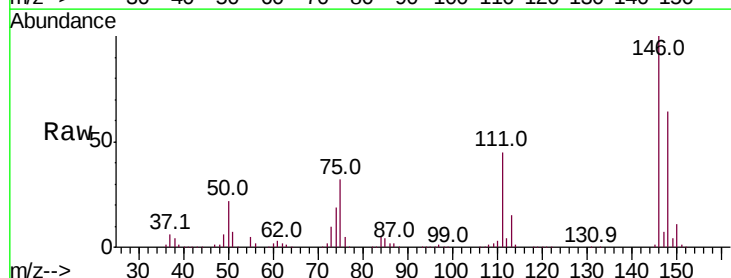
RT: 6.79 min Scan# 800

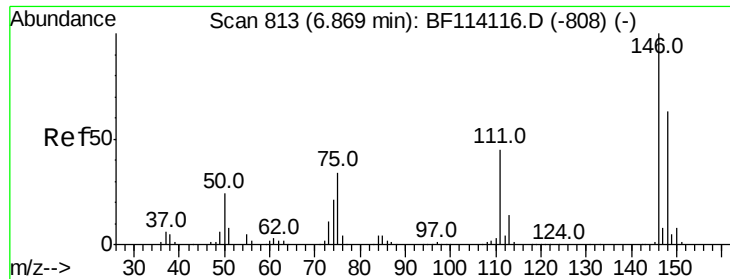
Delta R.T. -0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Tgt Ion:	146	Resp:	870802
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.6	77.4
75	32.4	24.2	36.2





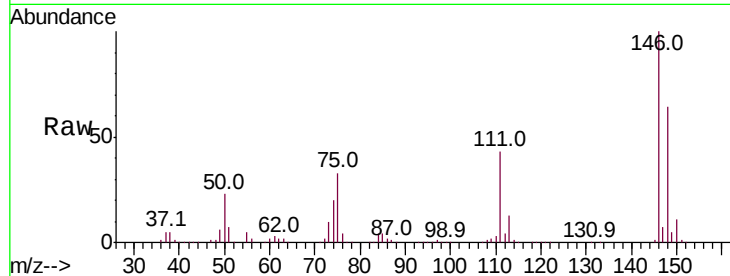
#13
 1,4-Dichlorobenzene
 Concen: 39.920 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.2
111	42.5	35.8	53.6

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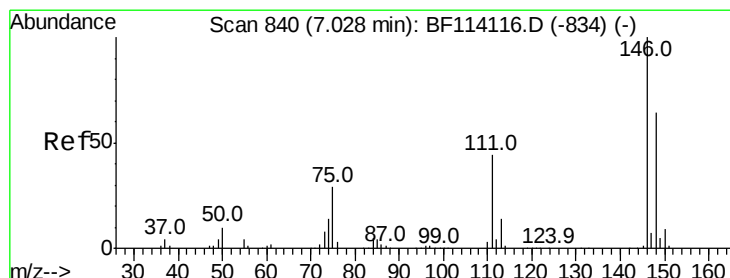
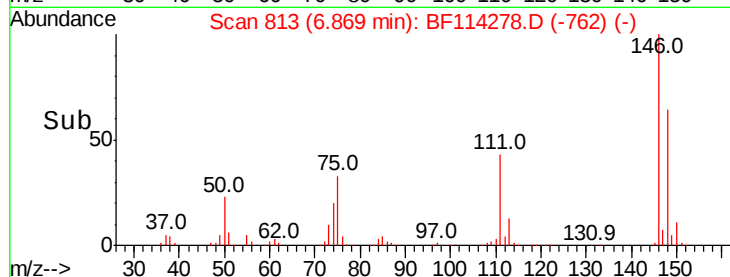
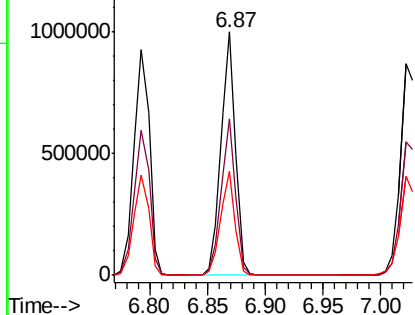


Abundance

Ion 146.00 (145.70 to 146.70): E

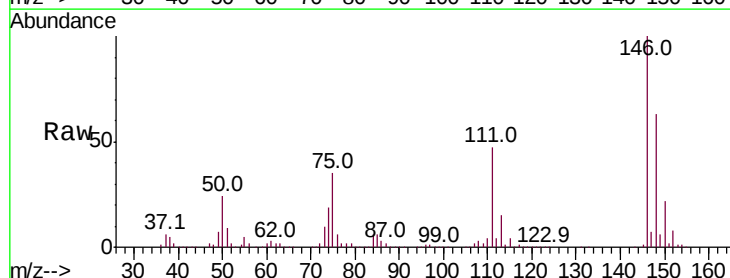
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.472 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	47.0	35.3	52.9

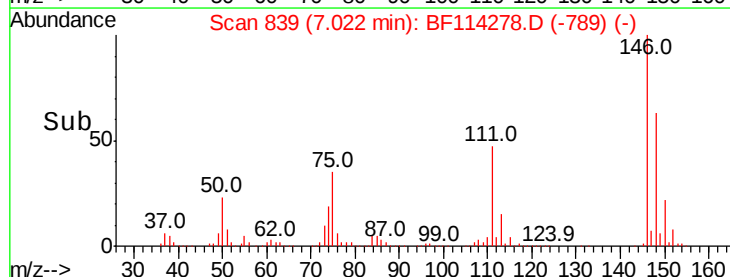
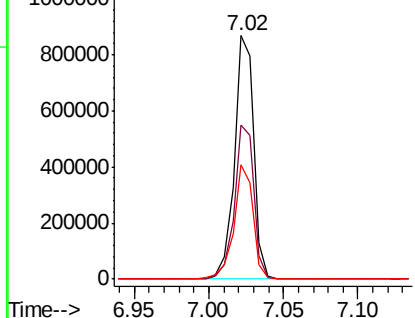


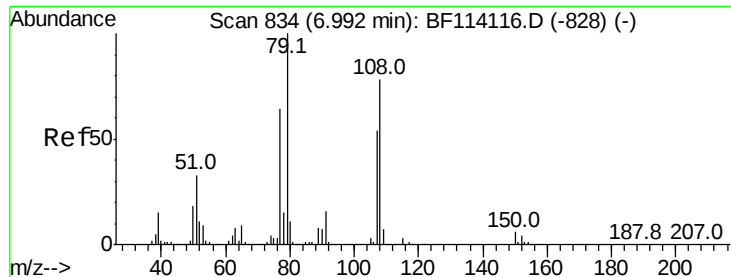
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.180 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

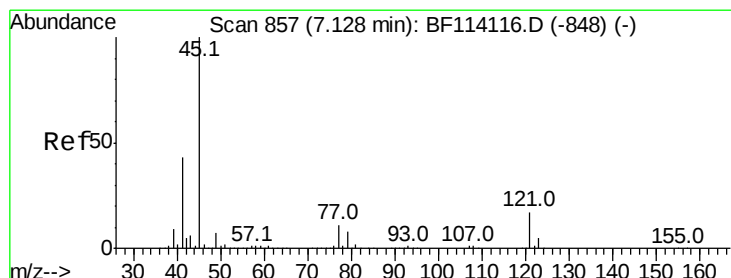
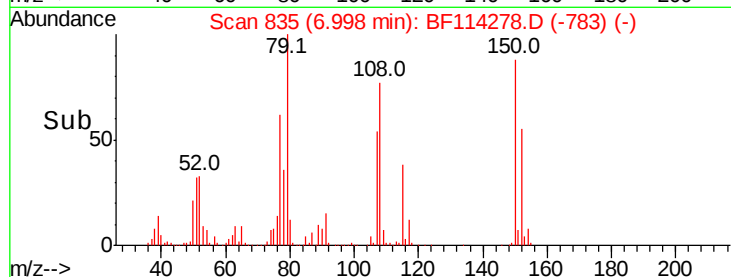
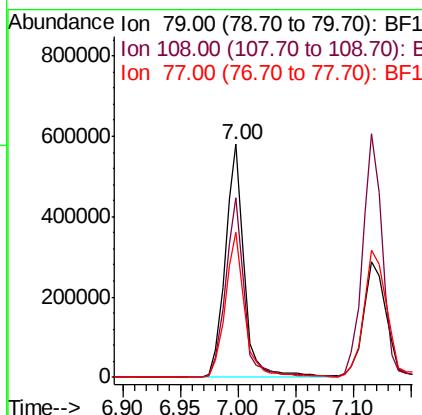
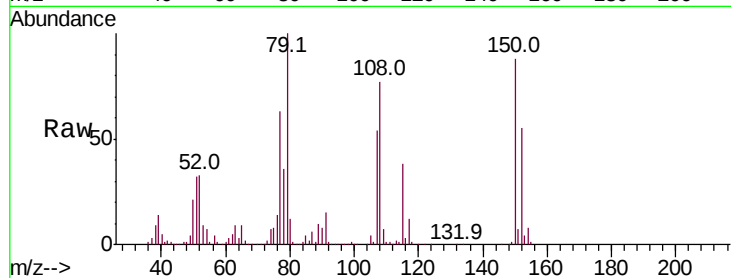
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	654846
Ion Ratio	Lower	Upper	
79	100		
108	77.4	62.1	93.1
77	62.5	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.232 ng

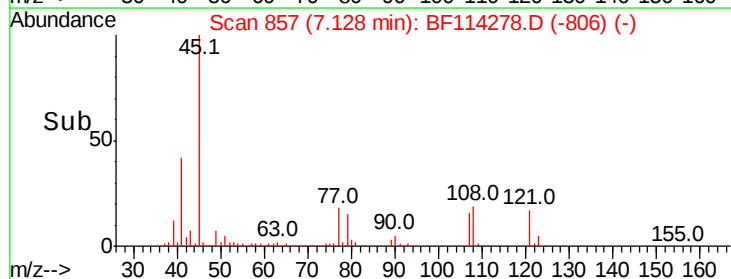
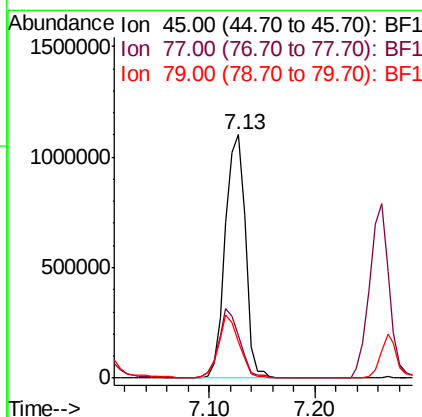
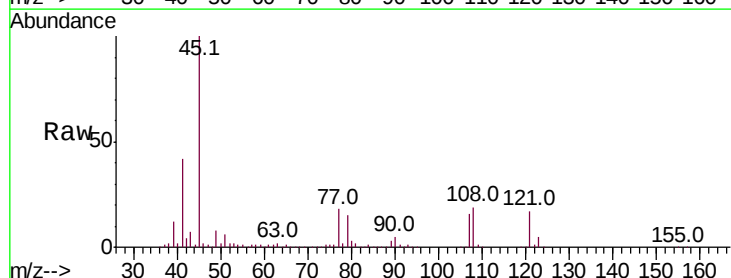
RT: 7.13 min Scan# 857

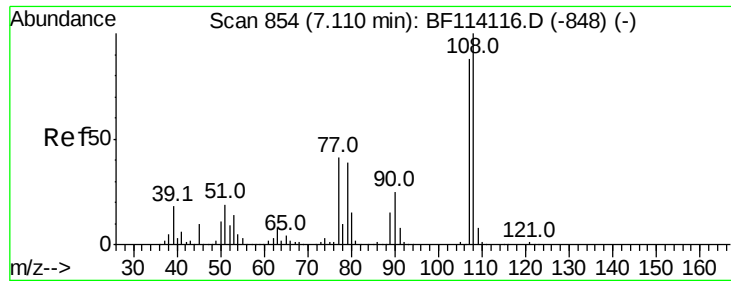
Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Tgt Ion:	45	Resp:	1455834
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	31.1
79	15.1	0.0	28.4





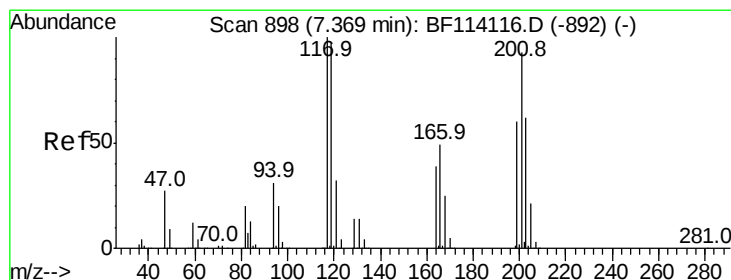
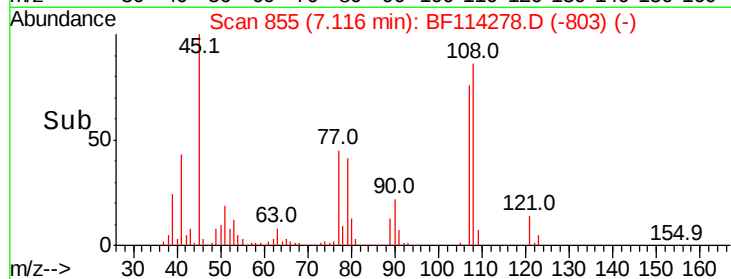
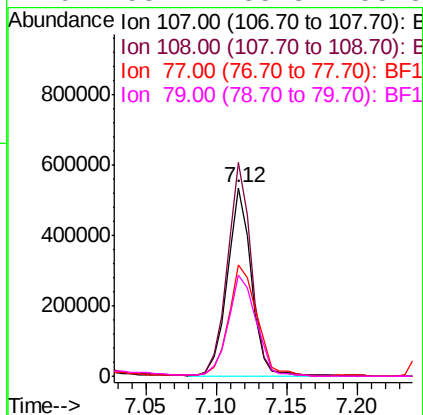
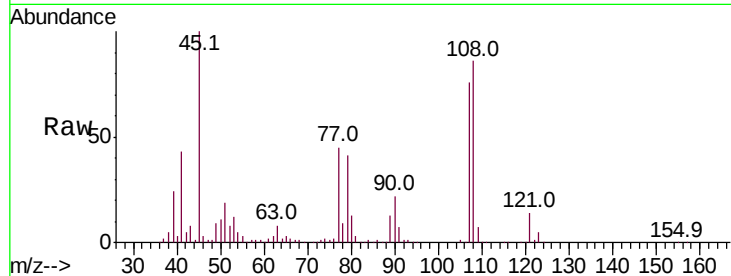
#17
2-Methylphenol
Concen: 39.299 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	90.5	135.7	
77	59.3	37.0	55.4	
79	53.7	35.8	53.8	

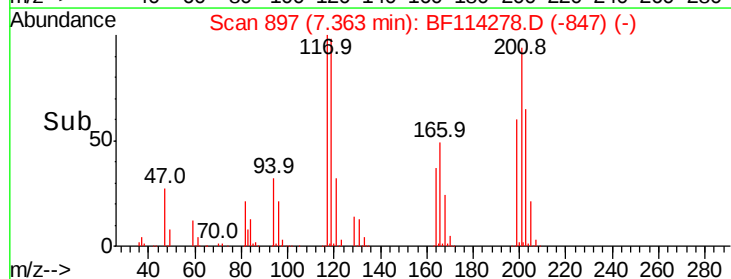
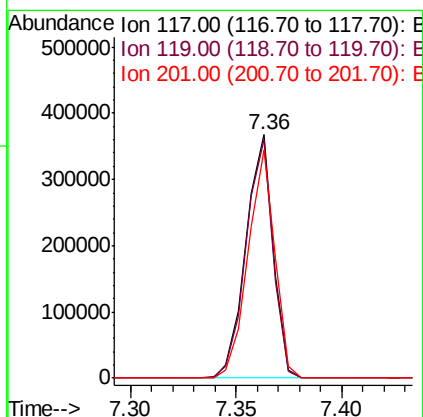
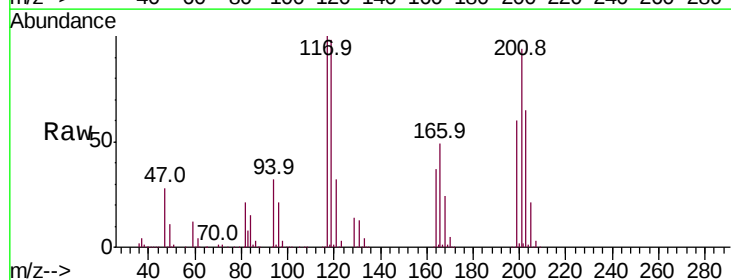
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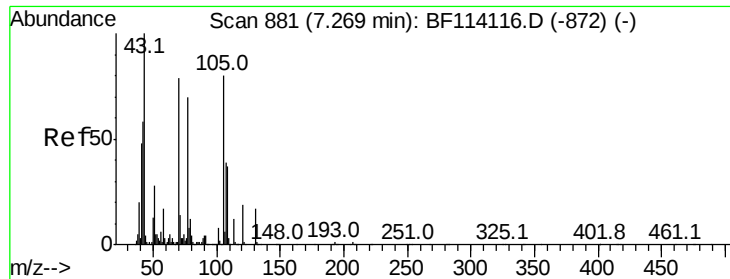
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#18
Hexachloroethane
Concen: 40.222 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	77.4	116.2	
201	93.6	74.5	111.7	





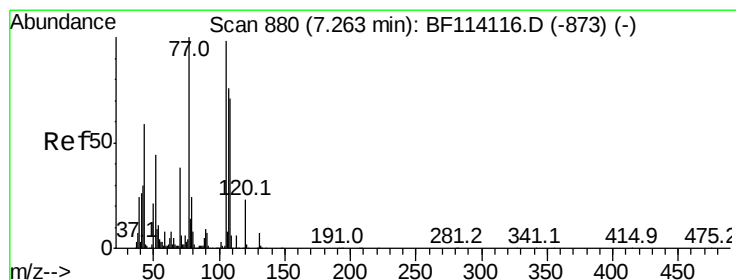
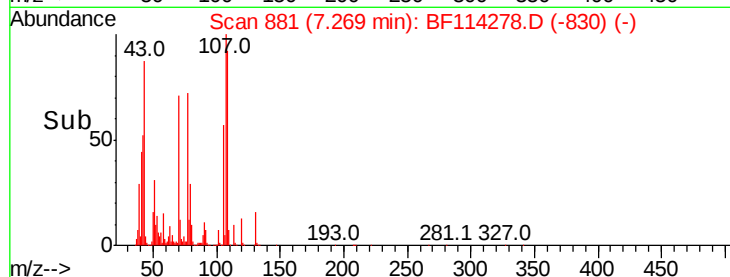
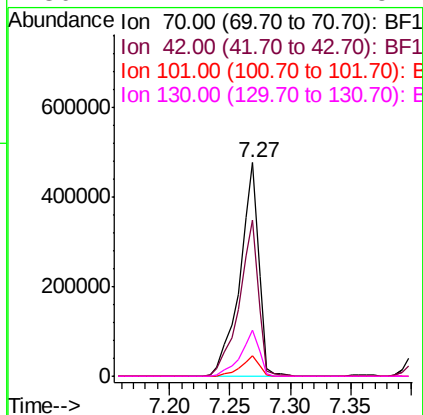
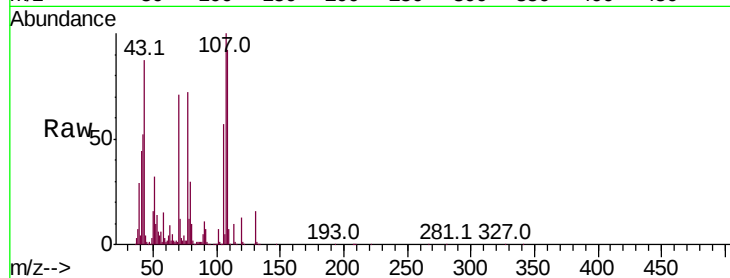
#19
n-Nitroso-di-n-propylamine
Concen: 38.582 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.8	58.6	87.8
101	9.5	7.8	11.8
130	21.7	17.1	25.7

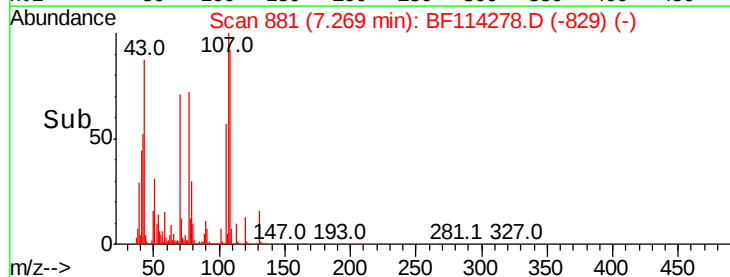
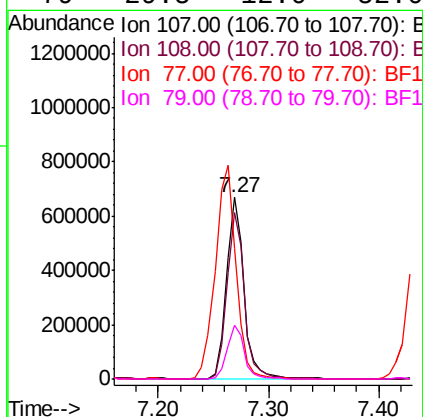
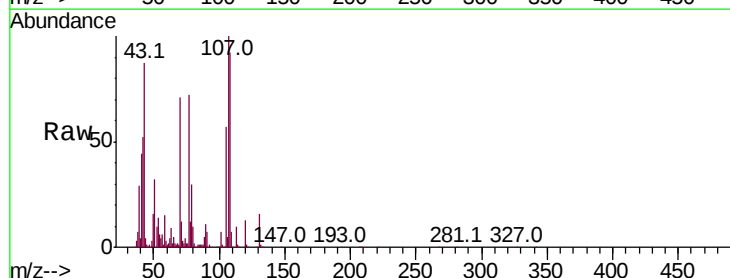
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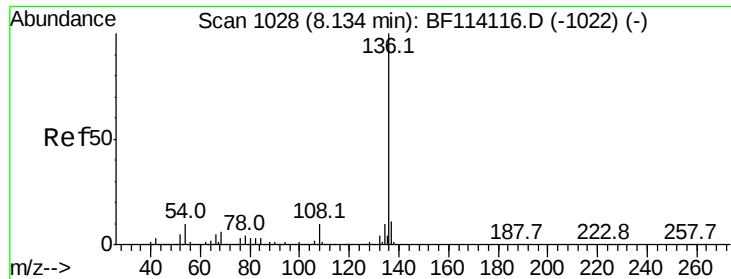
mohammad
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#20
3+4-Methylphenols
Concen: 40.482 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	73.8	113.8
77	72.3	111.5	151.5#
79	29.5	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 1134058

Ion Ratio Lower Upper

136 100

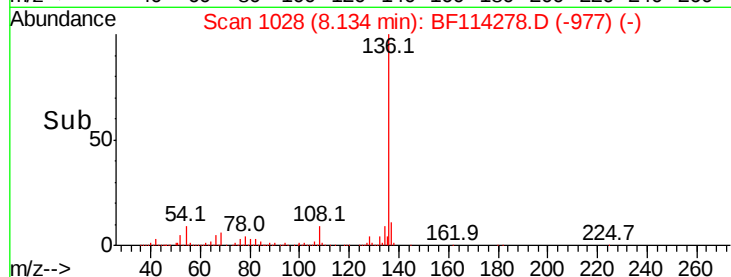
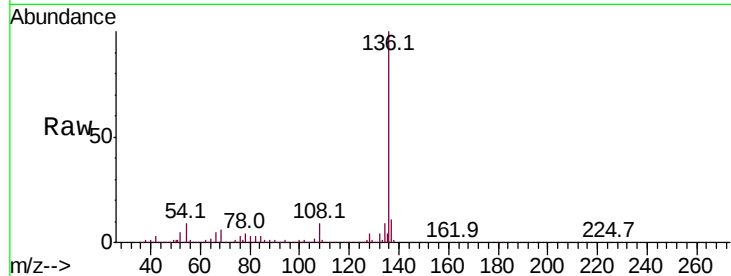
137 10.7 8.8 13.2

54 9.5 7.8 11.8

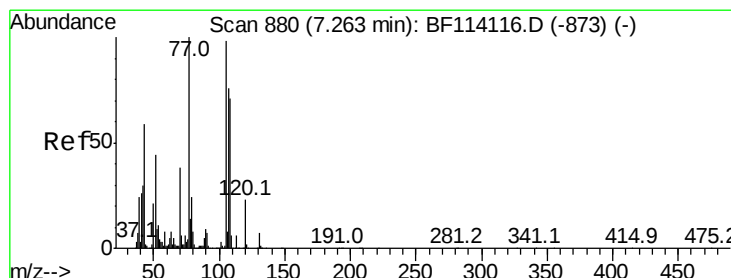
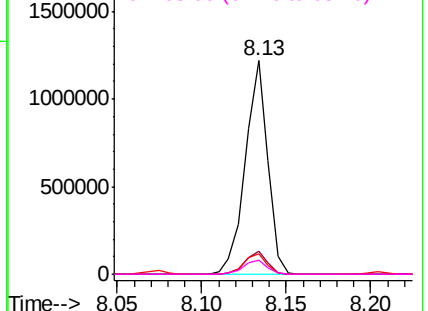
68 6.5 5.1 7.7

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.950 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Tgt Ion:105 Resp: 1028786

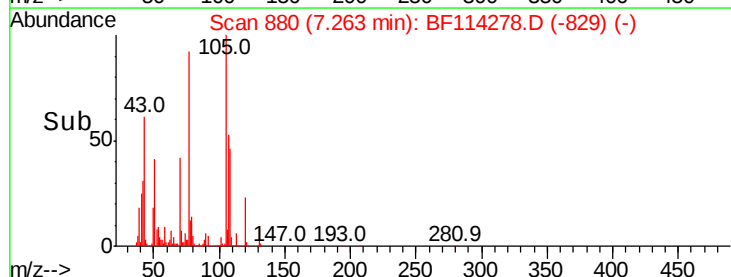
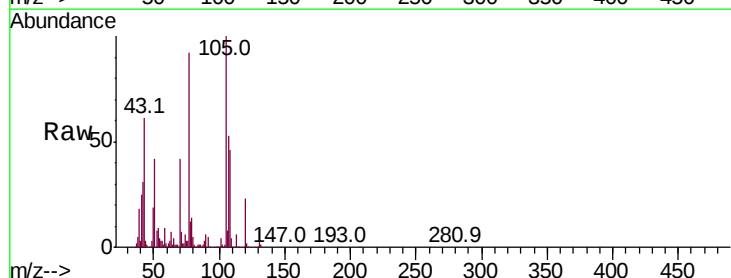
Ion Ratio Lower Upper

105 100

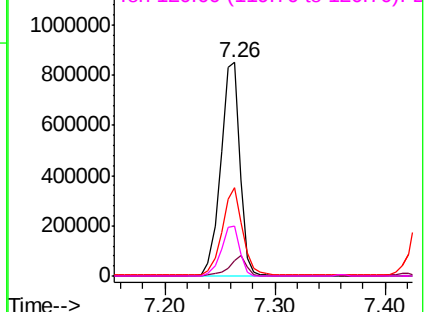
71 7.1 5.3 7.9

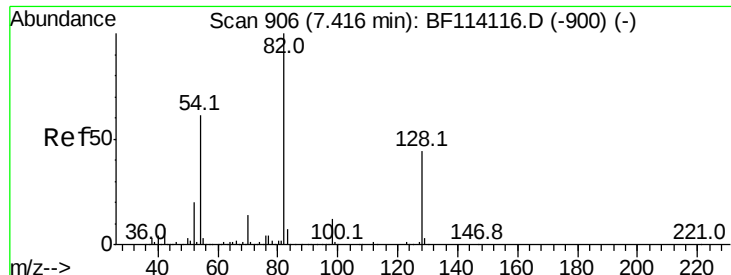
51 41.6 36.2 54.4

120 23.1 18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





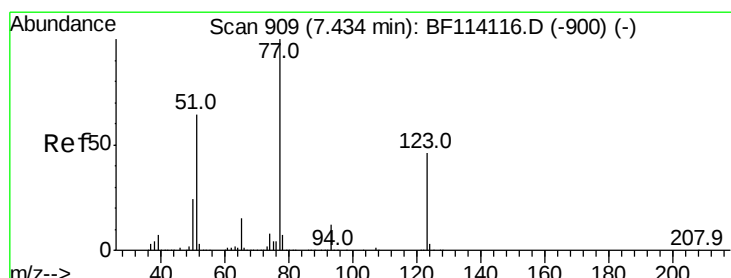
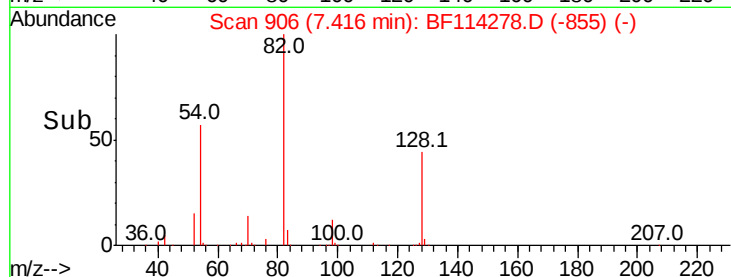
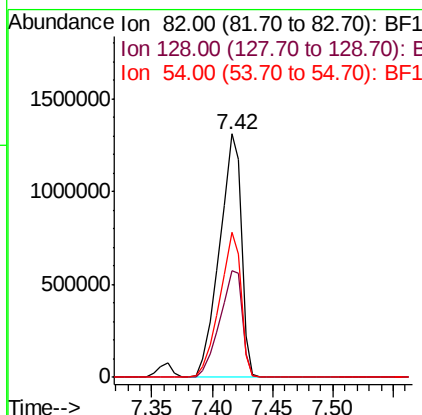
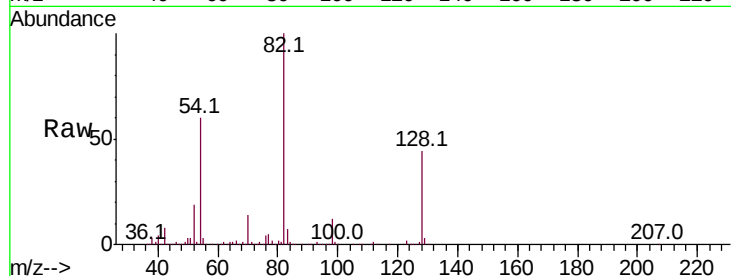
#23
Nitrobenzene-d5
Concen: 81.035 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1637525
Ion Ratio Lower Upper
82 100
128 43.8 35.5 53.3
54 59.6 48.5 72.7

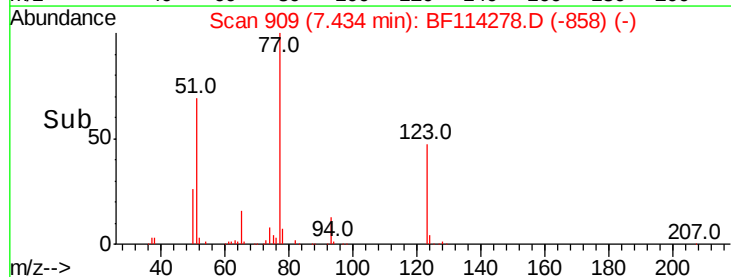
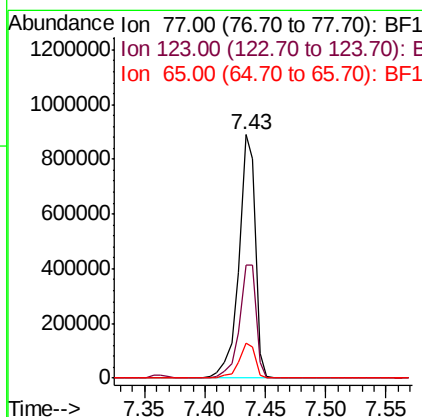
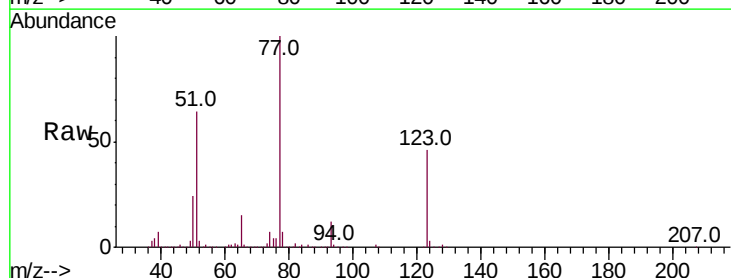
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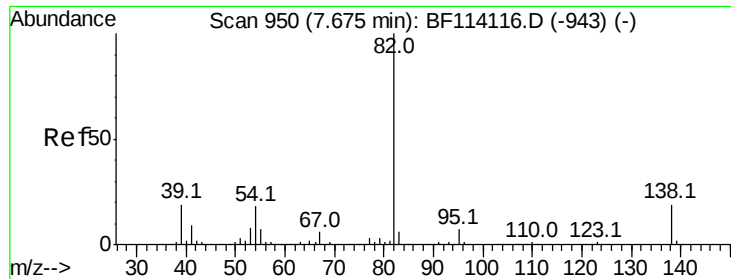
mohammad
5/16/2019 9:50:52 AM



#24
Nitrobenzene
Concen: 40.984 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion: 77 Resp: 843523
Ion Ratio Lower Upper
77 100
123 46.3 36.9 55.3
65 14.6 11.8 17.6





#25

Isophorone

Concen: 40.367 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1512843

Ion Ratio Lower Upper

82 100

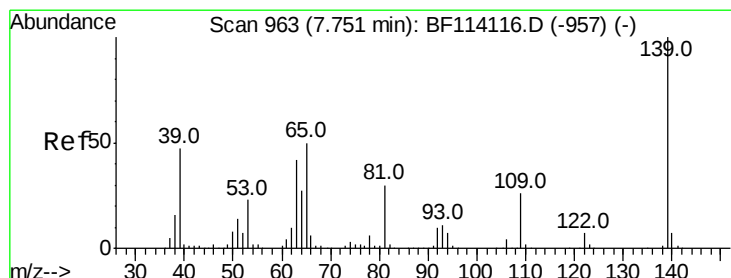
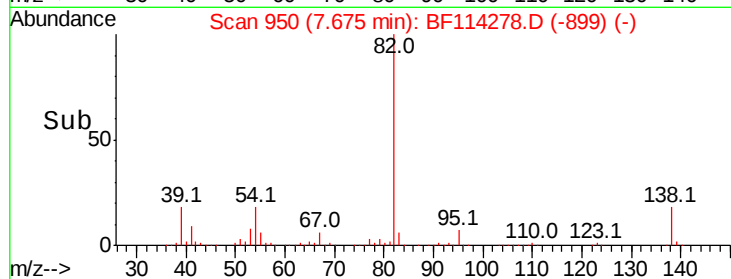
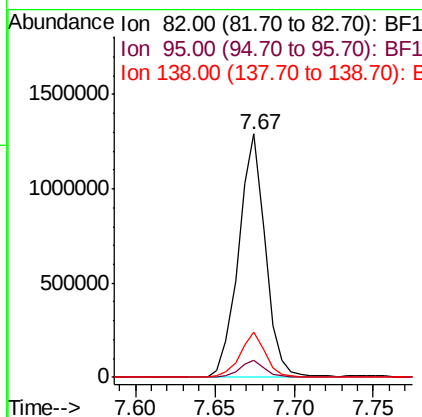
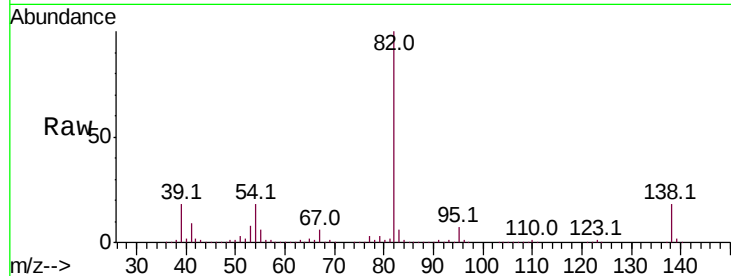
95 6.9 5.6 8.4

138 18.4 14.8 22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.280 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

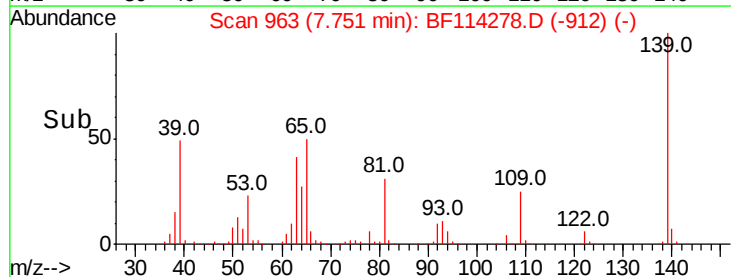
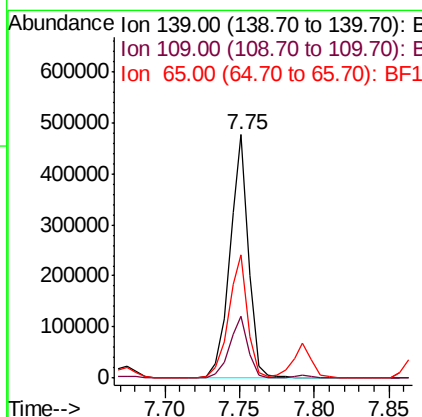
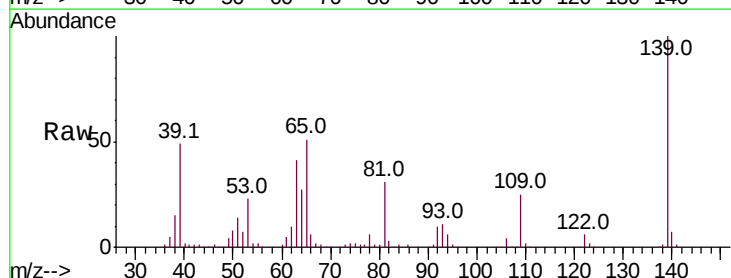
Tgt Ion: 139 Resp: 422191

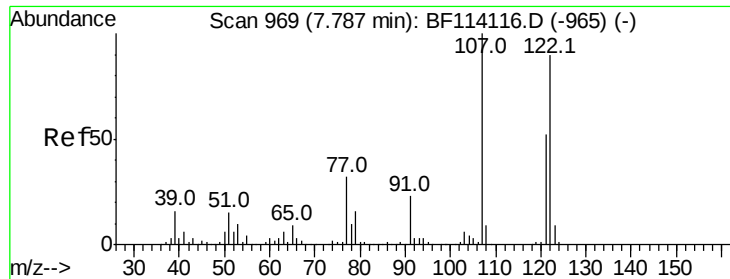
Ion Ratio Lower Upper

139 100

109 25.2 20.7 31.1

65 50.6 40.2 60.2





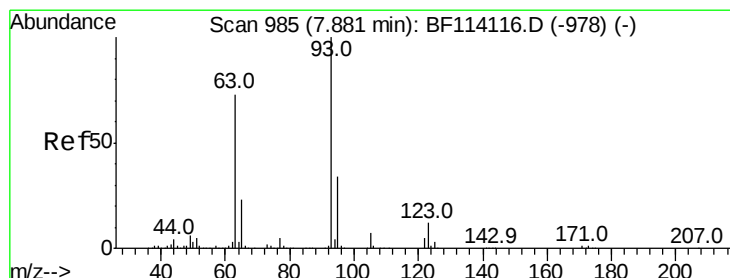
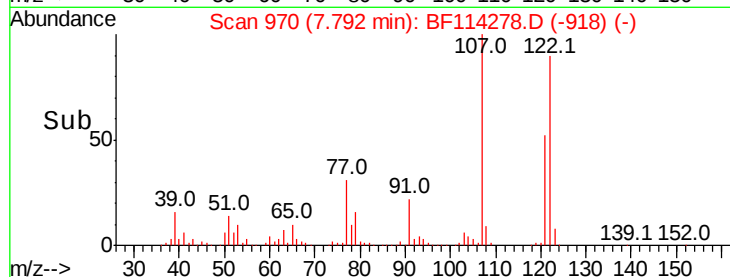
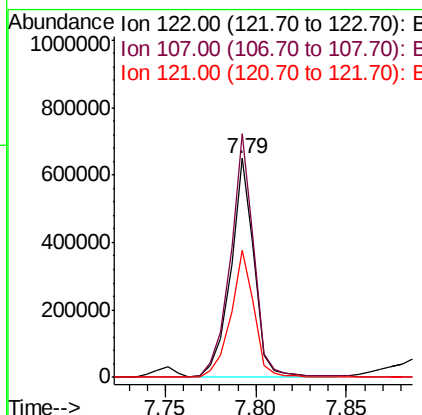
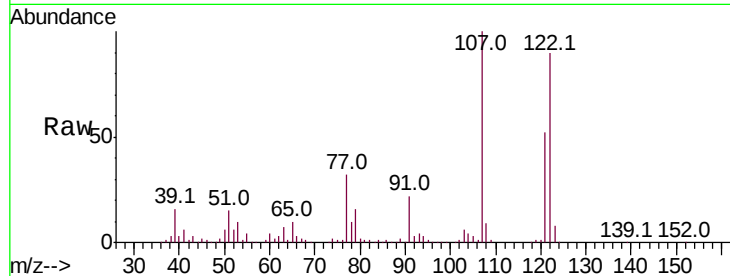
#27
2,4-Dimethylphenol
Concen: 37.058 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	88.4	132.6
121	57.9	45.9	68.9

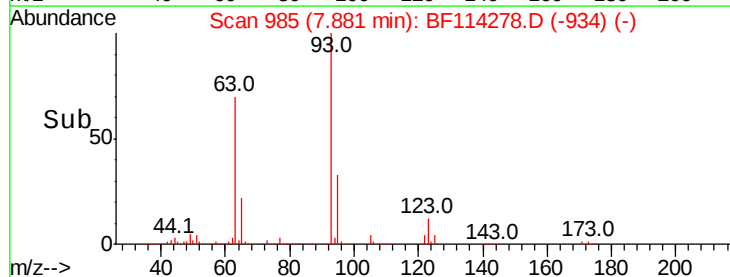
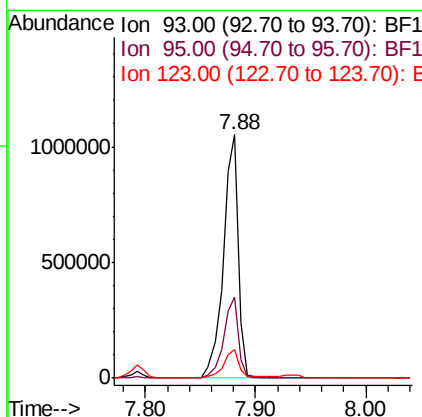
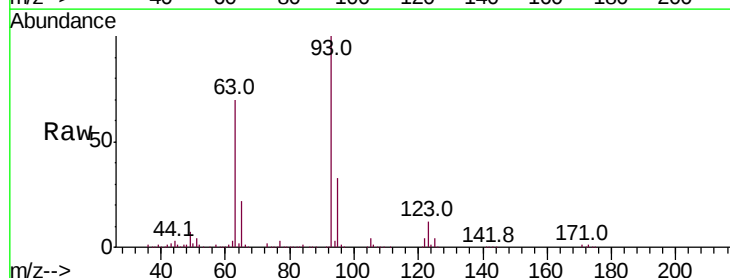
Manual Integrations
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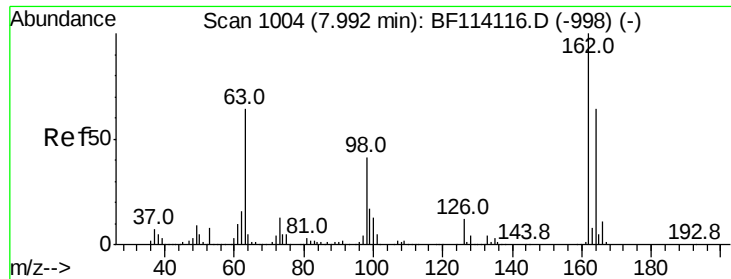
mohammad
5/16/2019 9:50:52 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.767 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.8	40.2
123	11.8	9.5	14.3





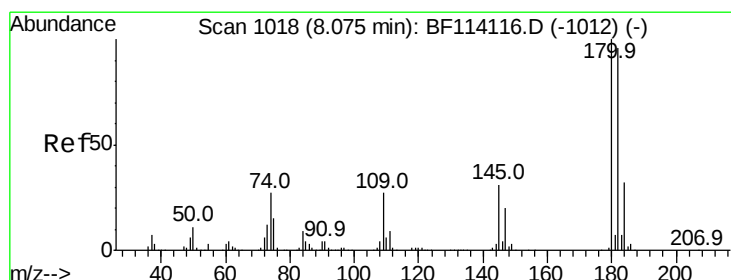
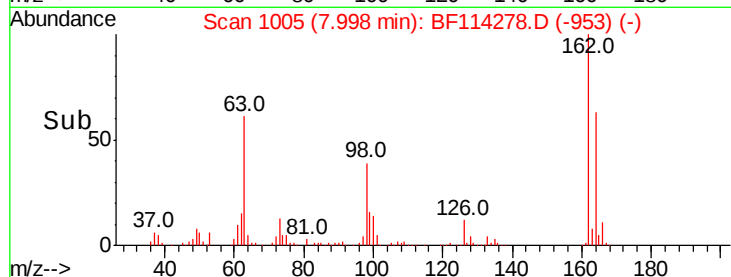
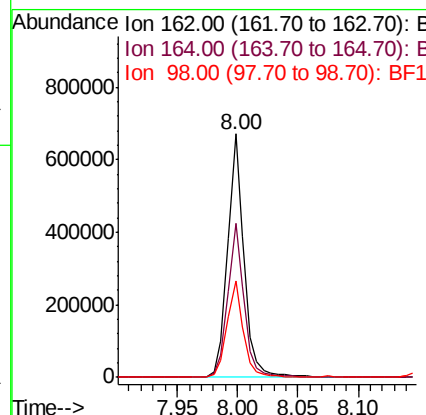
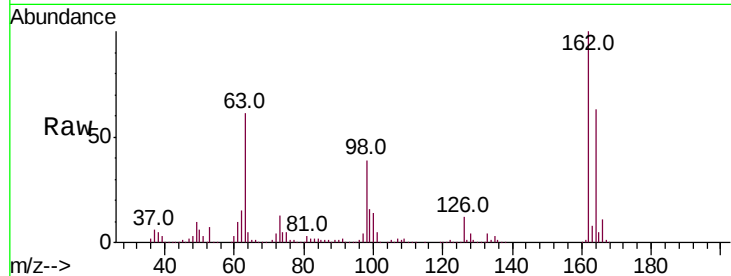
#29
 2,4-Dichlorophenol
 Concen: 40.254 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	628635		
164	63.2	43.6	83.6	
98	39.4	20.6	60.6	

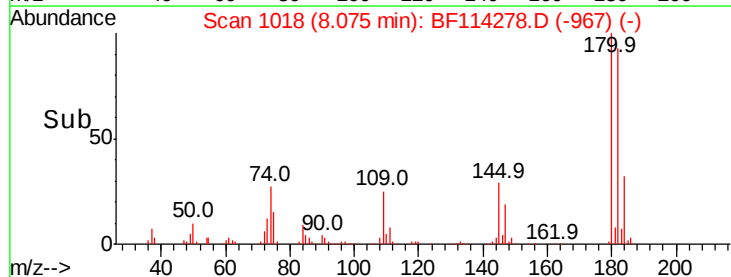
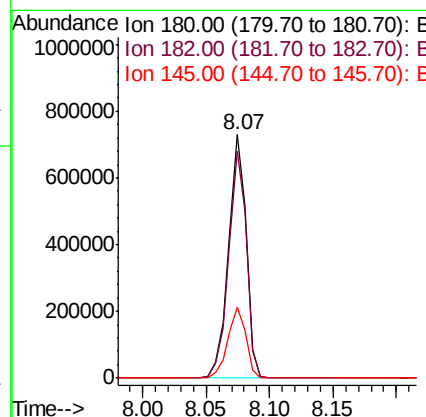
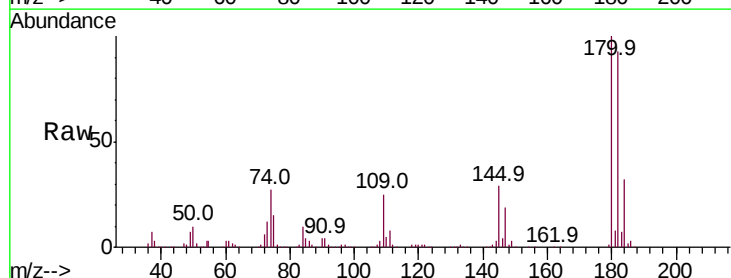
Manual Integrations
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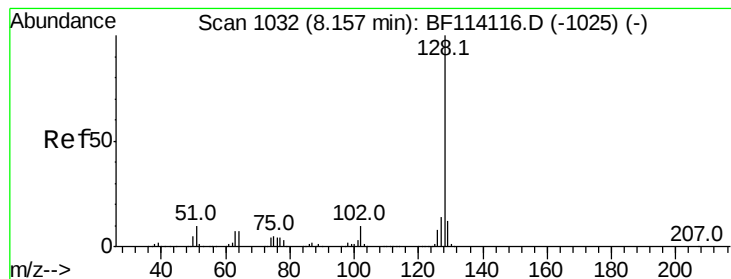
mohammad
 5/16/2019 9:50:52 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.758 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	706031		
182	93.4	76.6	114.8	
145	29.3	25.1	37.7	





#31

Naphthalene

Concen: 39.999 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2118889

Ion Ratio Lower Upper

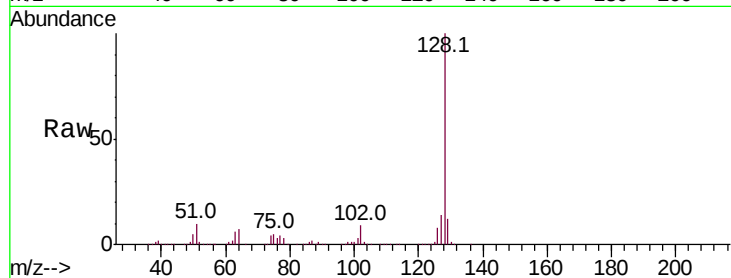
128 100

129 11.7 9.6 14.4

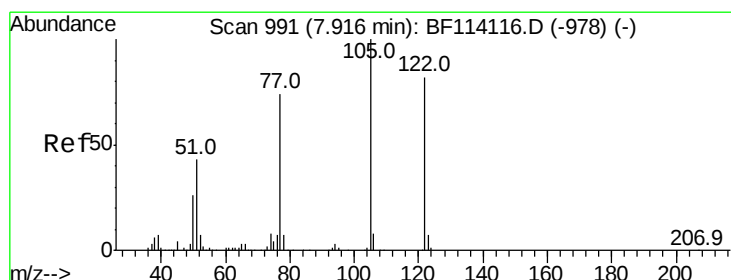
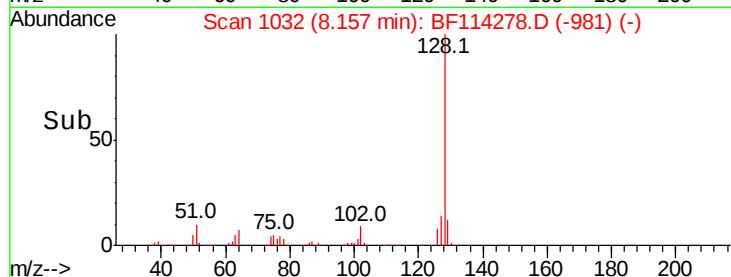
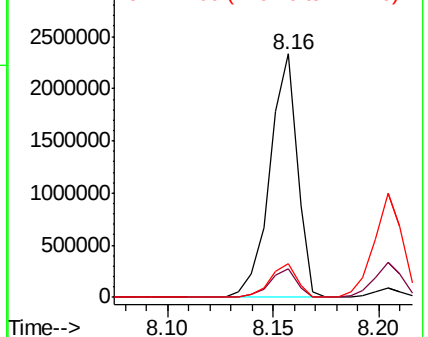
127 13.8 11.3 16.9

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



#32

Benzoic acid

Concen: 40.769 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.02 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

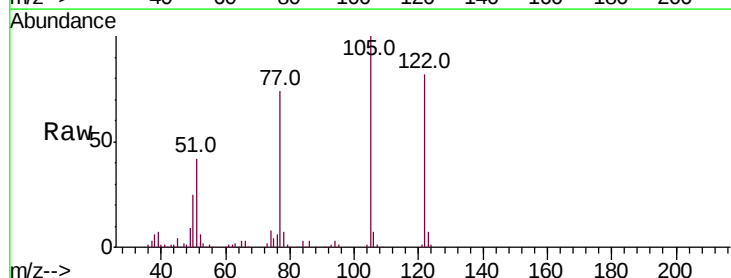
Tgt Ion:122 Resp: 442041

Ion Ratio Lower Upper

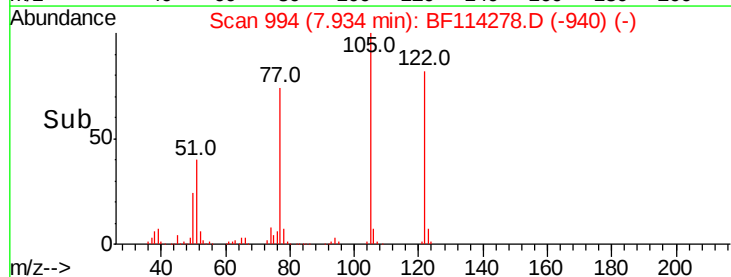
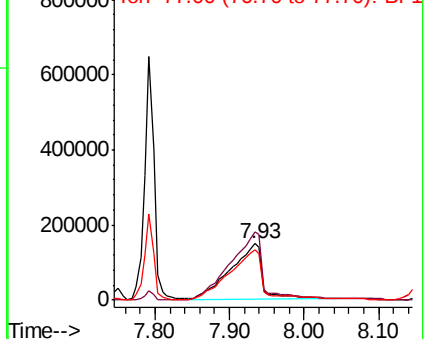
122 100

105 122.4 99.9 139.9

77 90.8 69.4 109.4



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





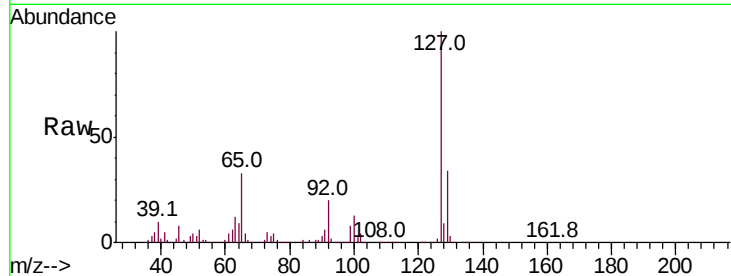
#33
4-Chloroaniline
Concen: 41.023 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.6	26.7	40.1	
65	33.3	25.4	38.0	
92	19.8	15.4	23.2	

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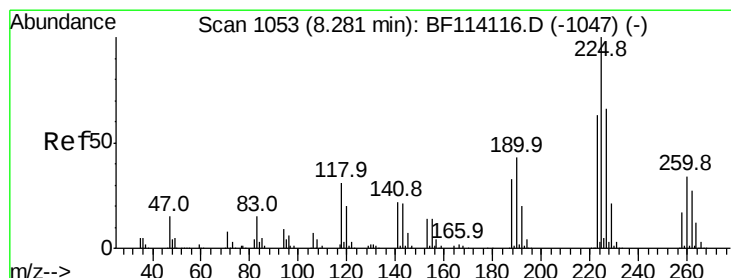
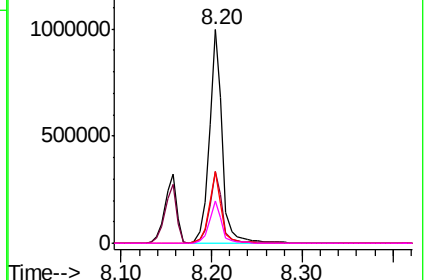
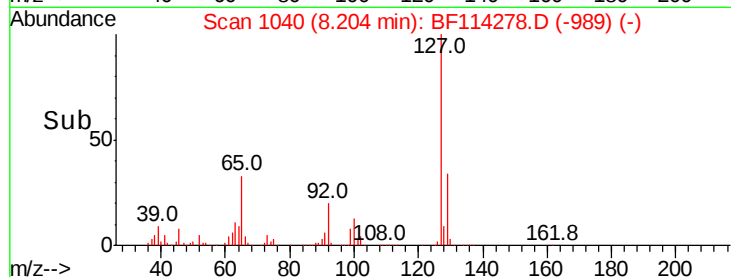
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

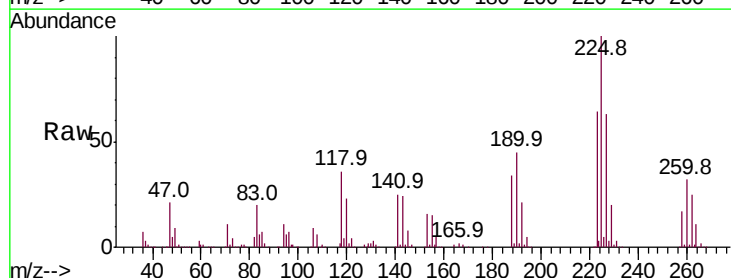
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.756 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.2	75.2	
227	63.5	52.6	79.0	

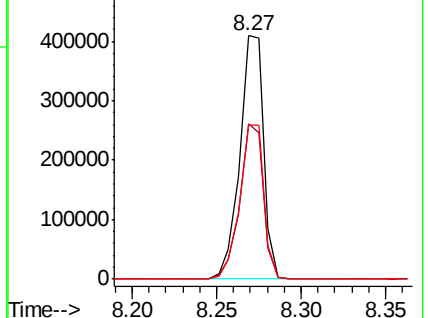
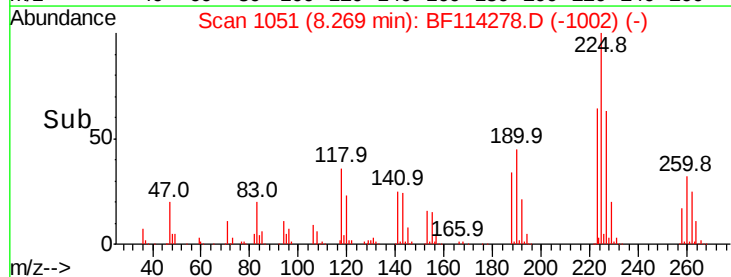


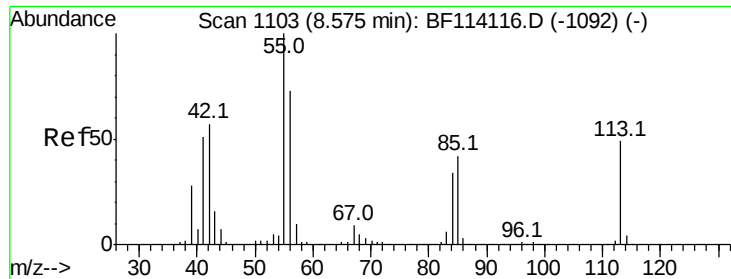
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





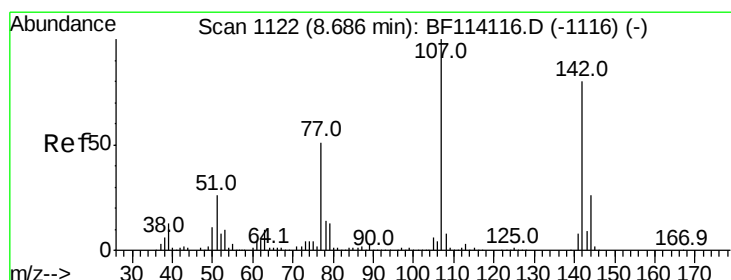
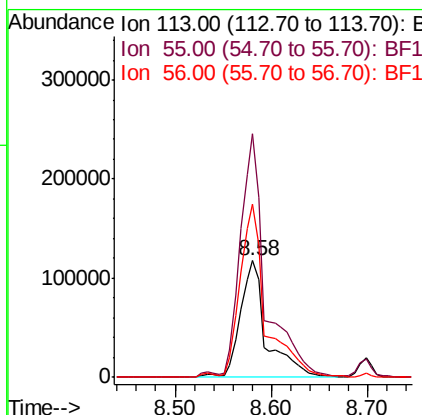
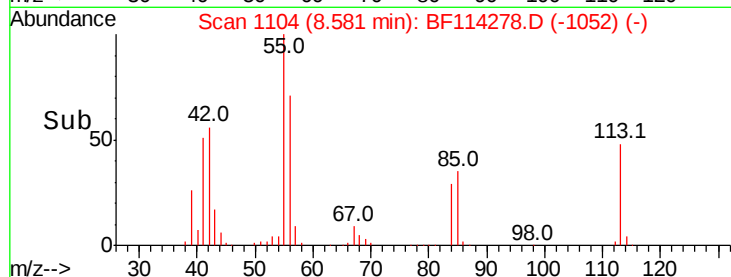
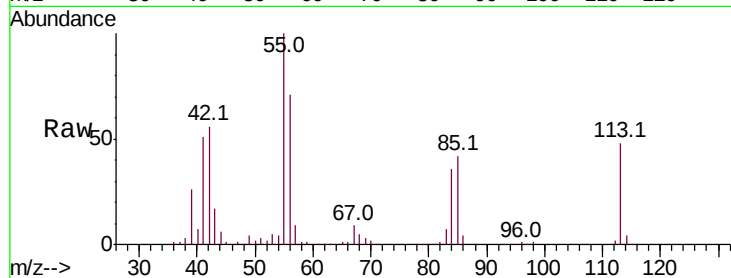
#35
Caprolactam
Concen: 43.158 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	208.6	183.5	223.5
56	148.6	128.8	168.8

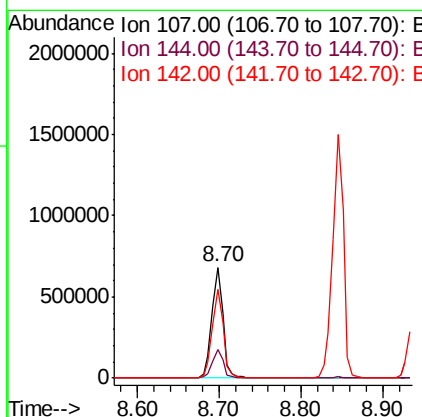
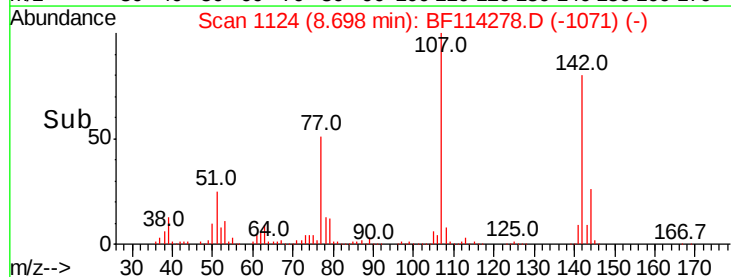
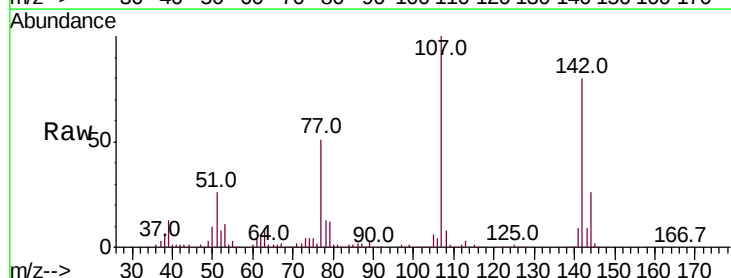
Manual Integrations
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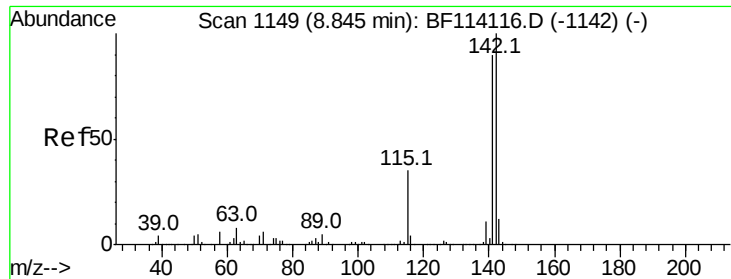
mohammad
5/16/2019 9:50:52 AM



#36
4-Chloro-3-methylphenol
Concen: 41.475 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.4	30.6
142	79.7	64.2	96.4





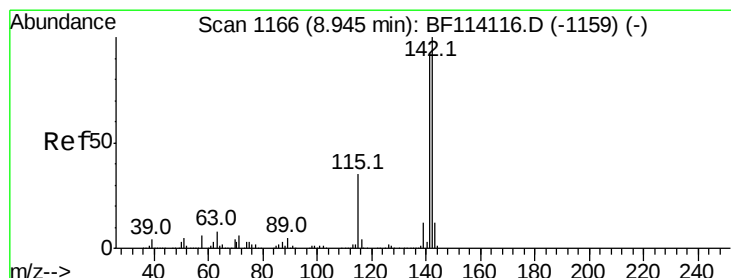
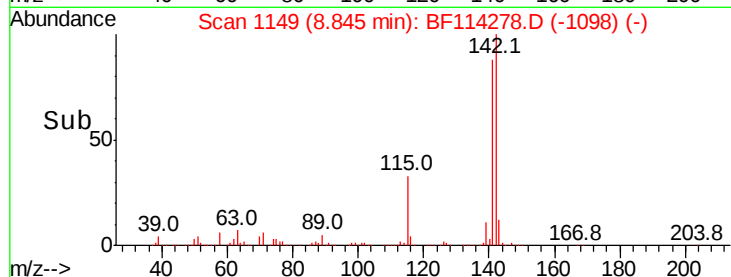
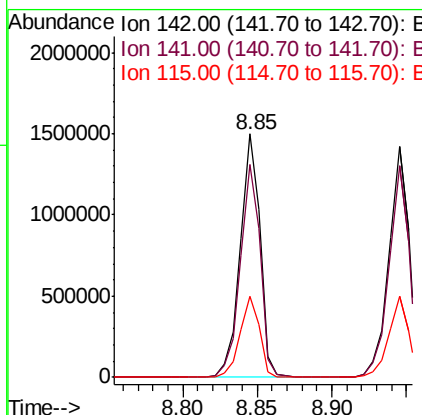
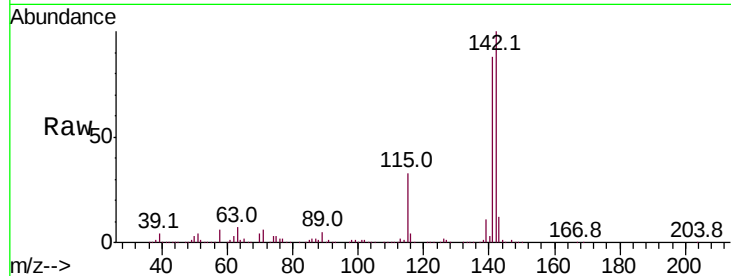
#37
2-Methylnaphthalene
Concen: 40.590 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 1387288
Ion Ratio Lower Upper
142 100
141 87.7 72.1 108.1
115 33.1 28.0 42.0

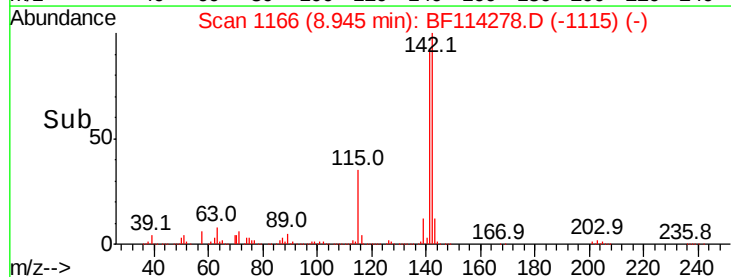
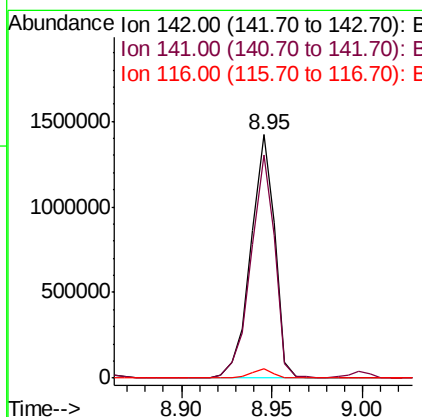
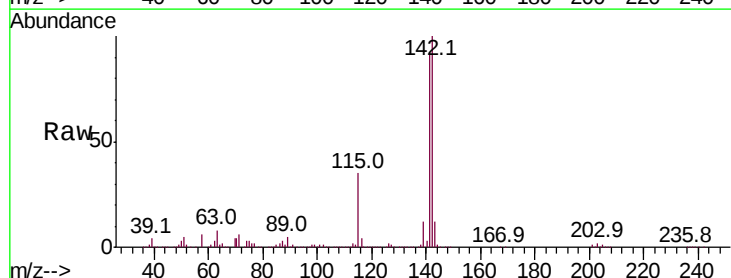
Manual Integrations
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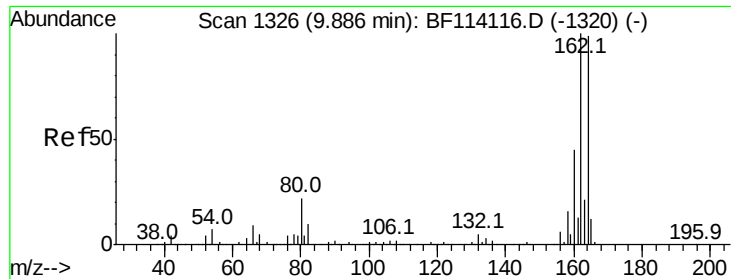
mohammad
5/16/2019 9:50:52 AM



#38
1-Methylnaphthalene
Concen: 40.599 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion:142 Resp: 1306750
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0
116 3.6 3.1 4.7





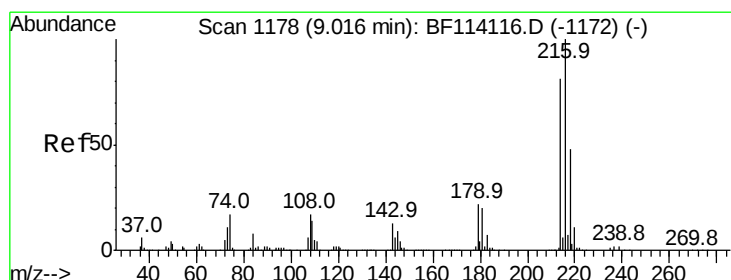
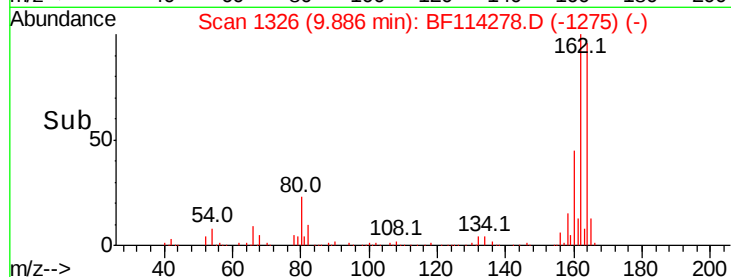
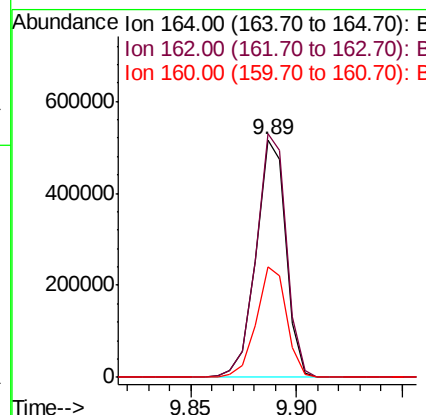
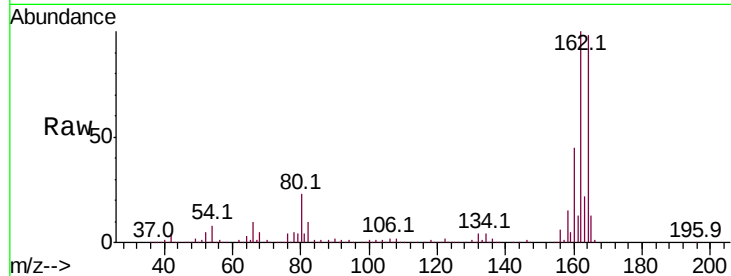
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	80.6	120.8	
160	46.4	36.5	54.7	

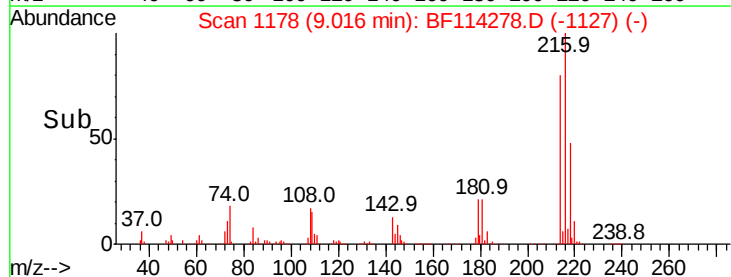
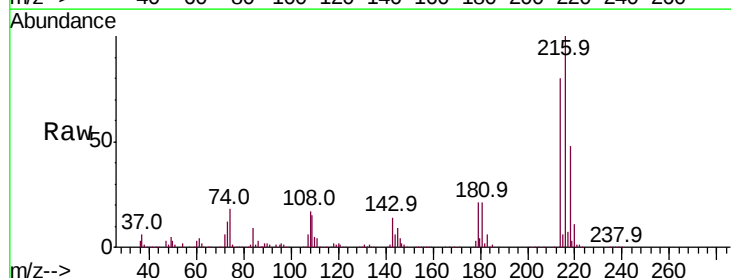
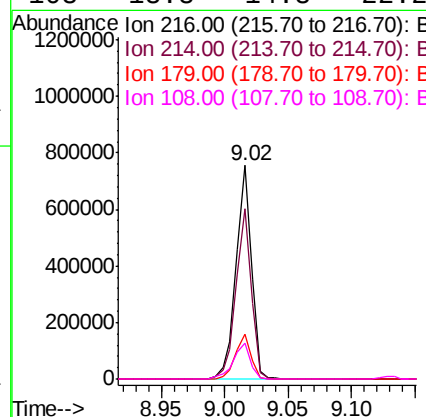
Manual Integrations
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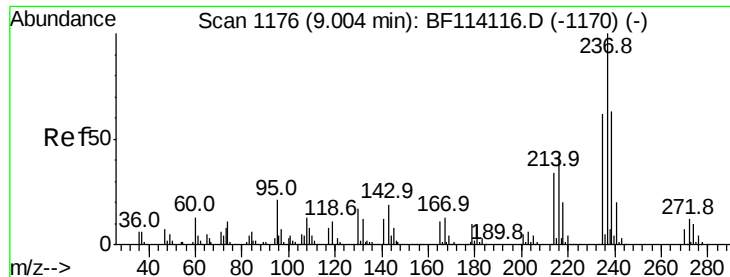
mohammad
5/16/2019 9:50:52 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.908 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.9	95.9	
179	21.0	17.0	25.6	
108	18.8	14.8	22.2	





#41

Hexachlorocyclopentadiene

Concen: 36.687 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

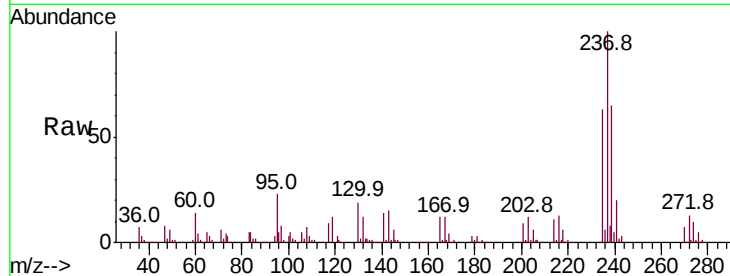
ClientSampleId :

SSTDCCC040

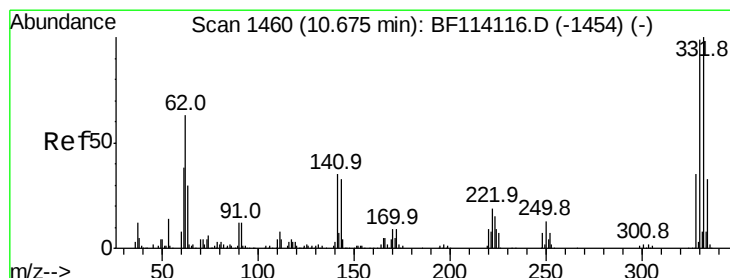
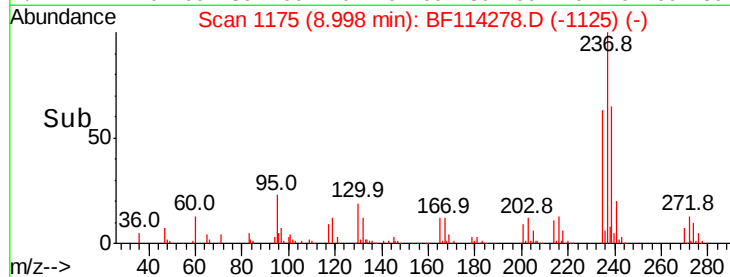
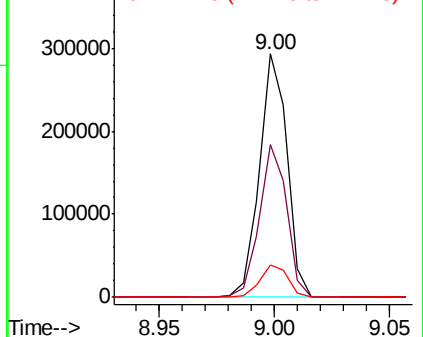
Tot Ion:	237	Resp:	245985
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.0	82.0
272	13.3	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 73.418 ng

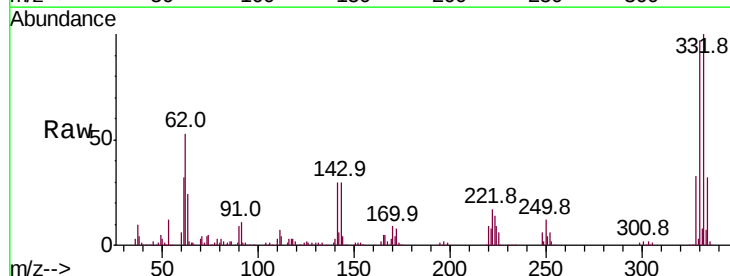
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

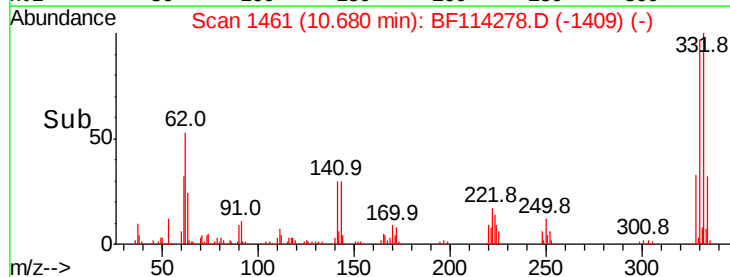
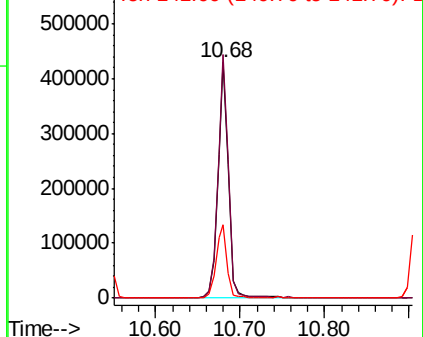
Lab File: BF114278.D

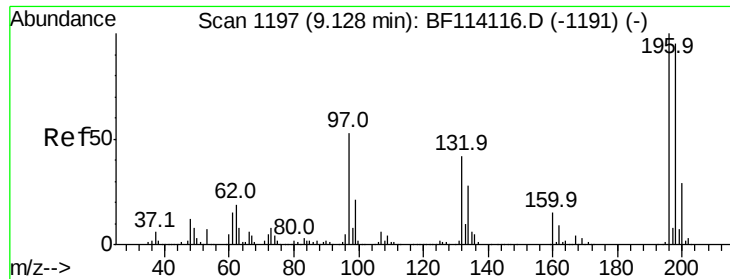
Acq: 15 May 2019 12:00

Tgt Ion:	330	Resp:	386696
Ion Ratio	Lower	Upper	
330	100		
332	103.2	81.4	122.2
141	32.4	26.6	40.0



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





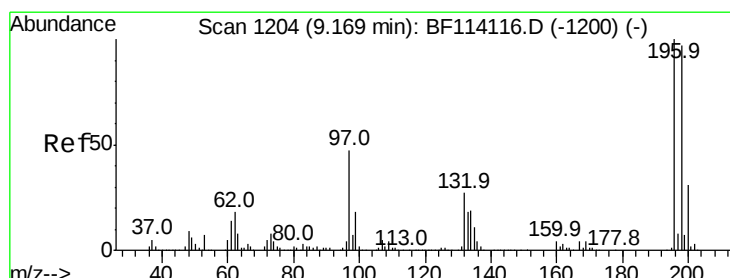
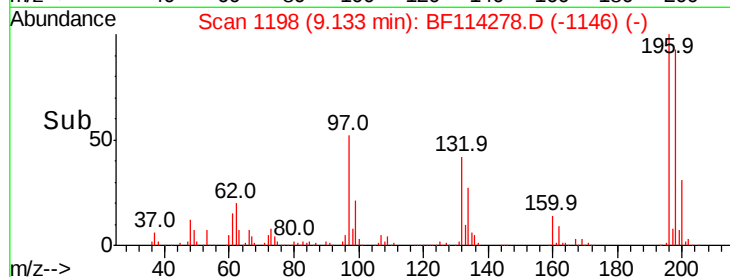
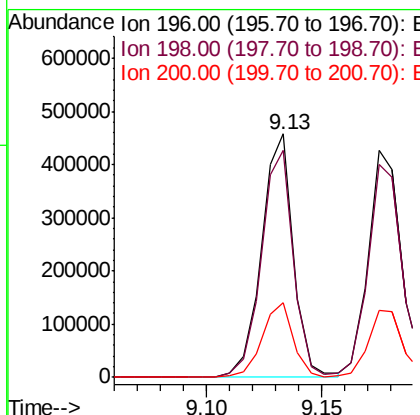
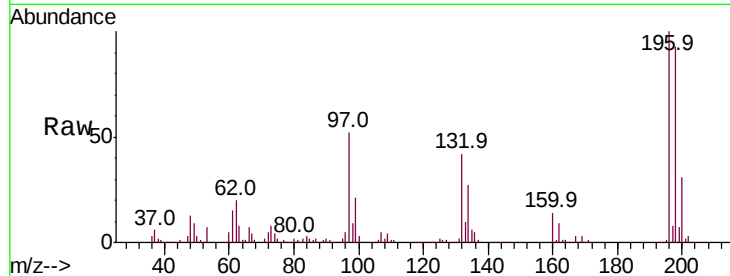
#43
 2,4,6-Trichlorophenol
 Concen: 41.399 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	439461		
198	93.1	75.9	113.9	
200	30.7	23.5	35.3	

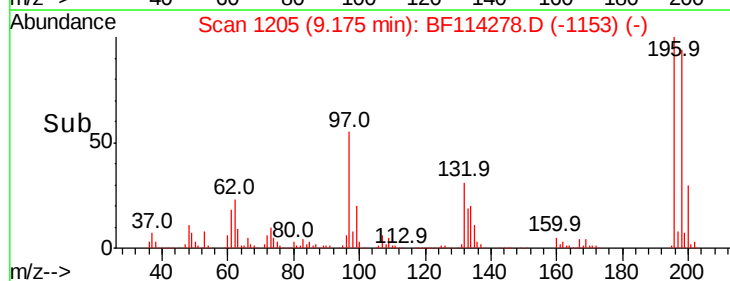
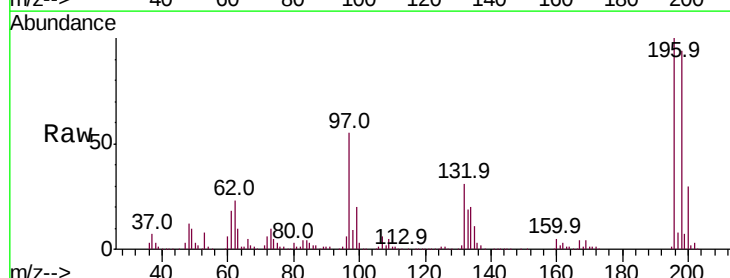
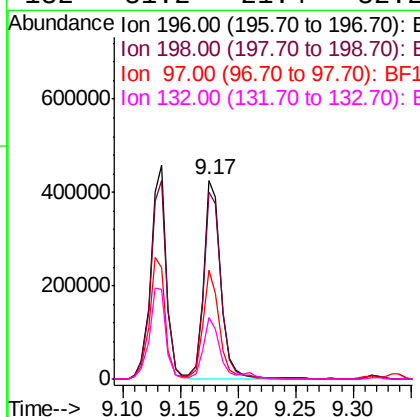
Manual Integrations
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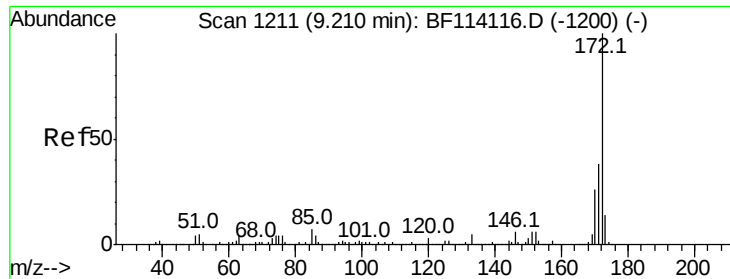
mohammad
 5/16/2019 9:50:52 AM



#44
 2,4,5-Trichlorophenol
 Concen: 40.419 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	440015		
198	94.1	77.7	116.5	
97	54.6	38.2	57.2	
132	31.2	21.4	32.2	





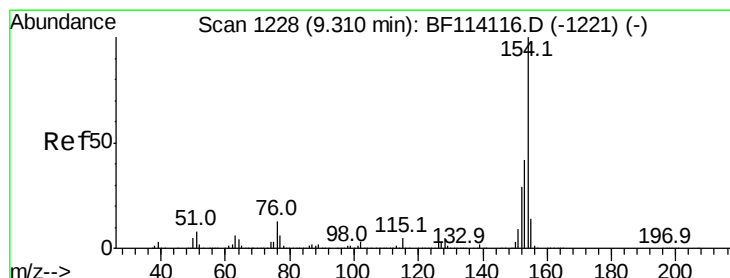
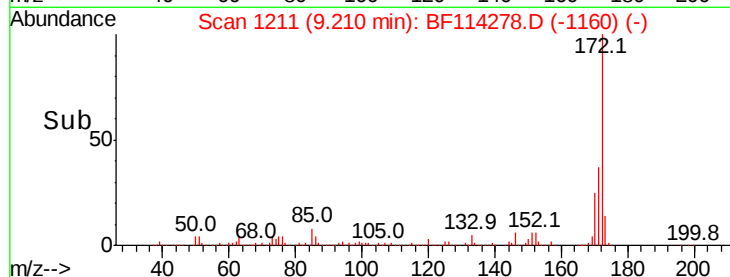
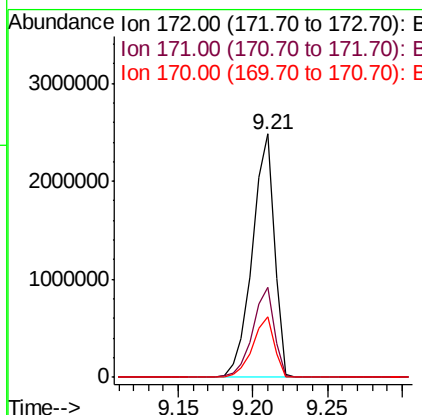
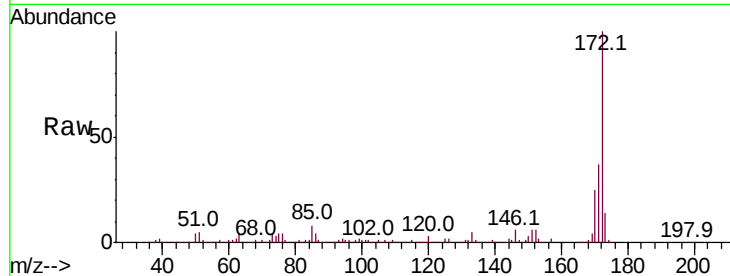
#45
2-Fluorobiphenyl
Concen: 75.125 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.8	20.5	30.7

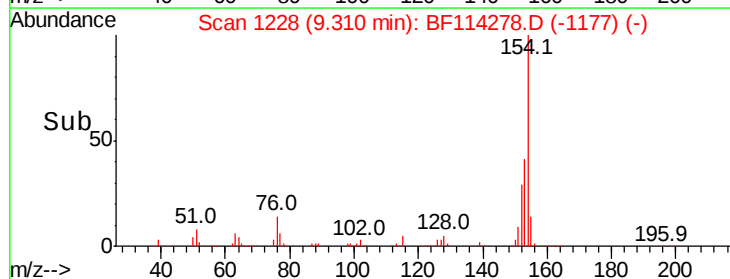
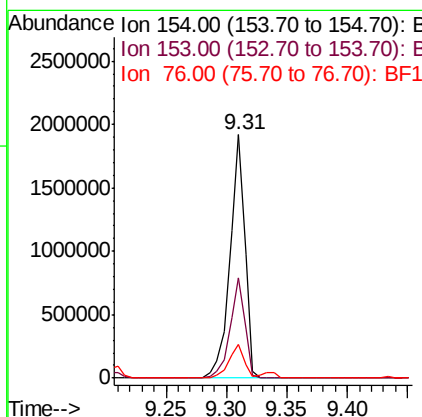
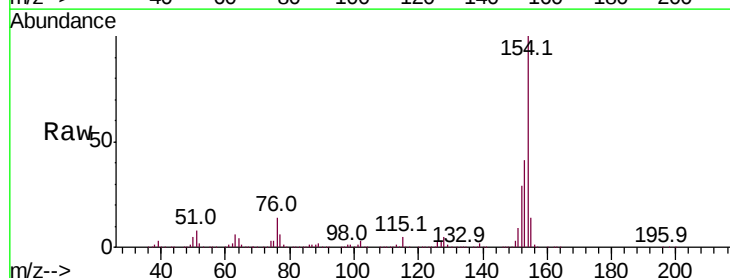
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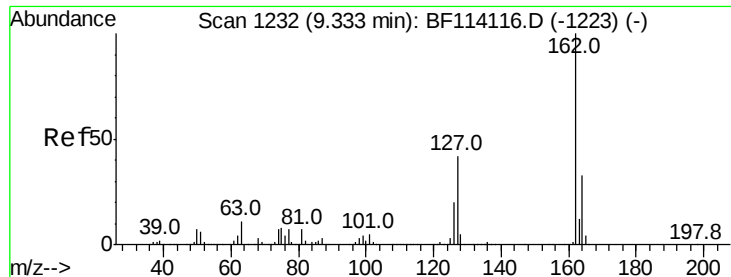
mohammad
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#46
1,1'-Biphenyl
Concen: 40.088 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.9	61.9
76	13.7	0.0	32.8





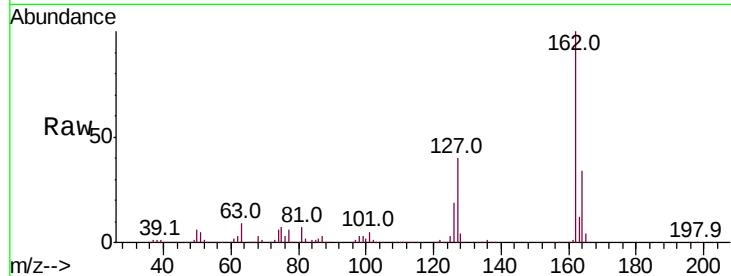
#47
 2-Chloronaphthalene
 Concen: 40.171 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

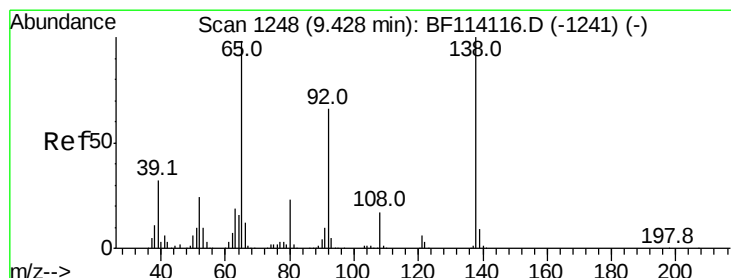
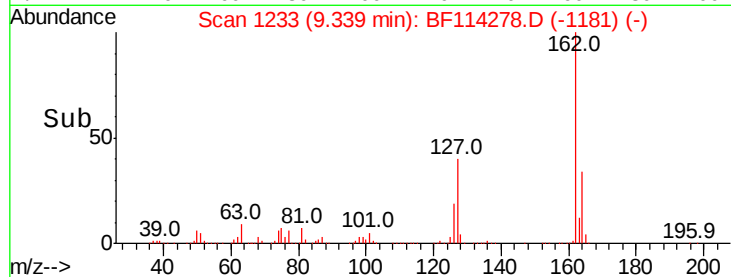
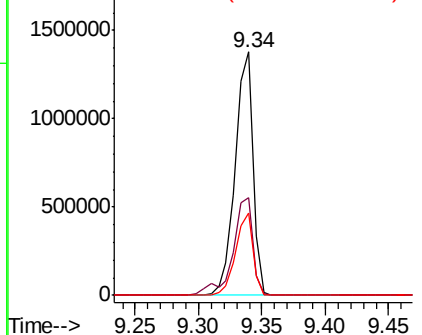
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	34.0	51.0
164	33.7	26.7	40.1

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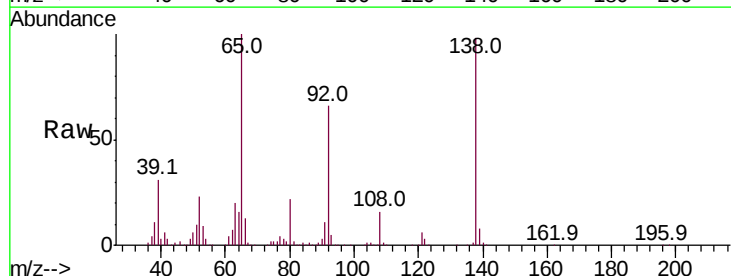


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

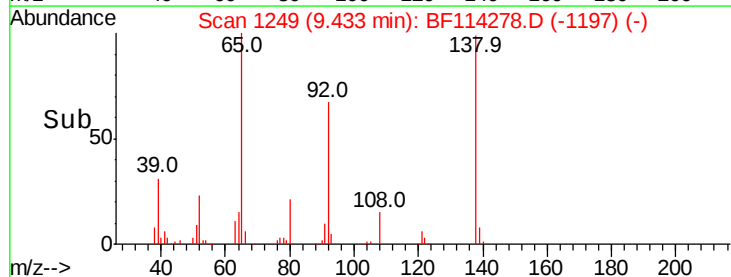
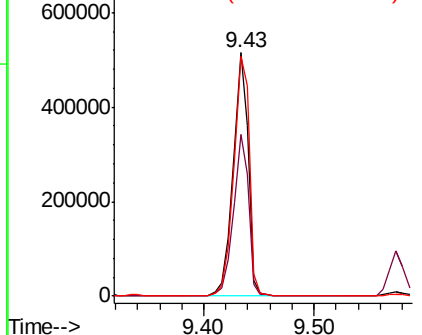


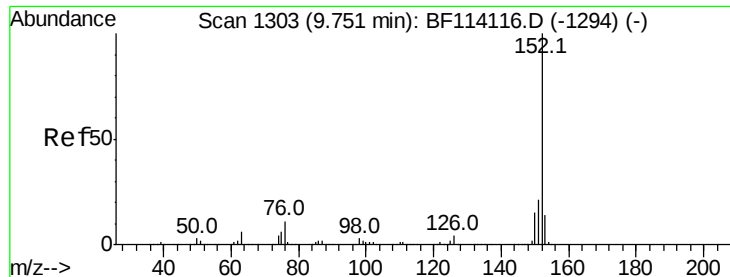
#48
 2-Nitroaniline
 Concen: 42.134 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	53.9	80.9
138	98.4	81.4	122.0



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





#49

Acenaphthylene

Concen: 39.687 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1999409

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

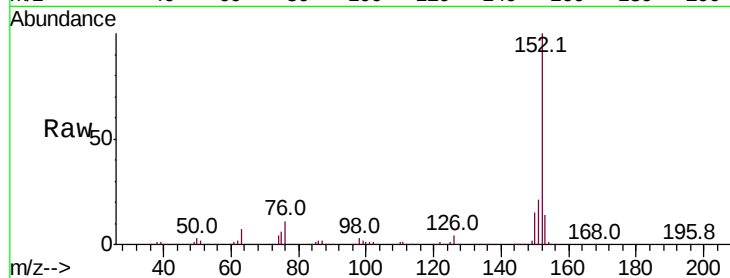
153 14.0 11.4 17.2

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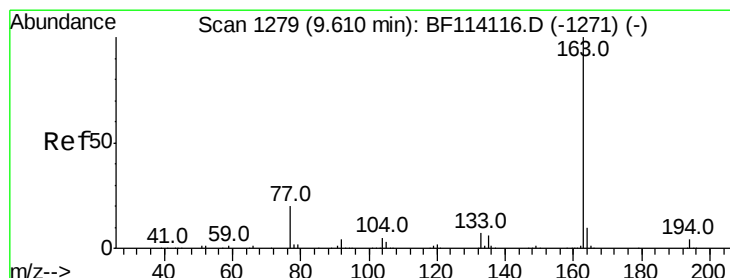
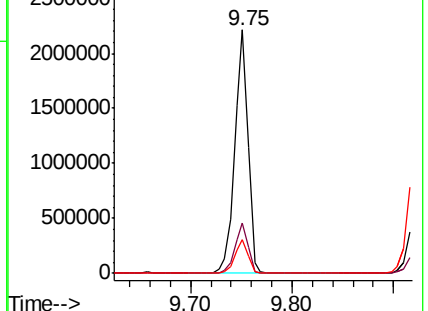
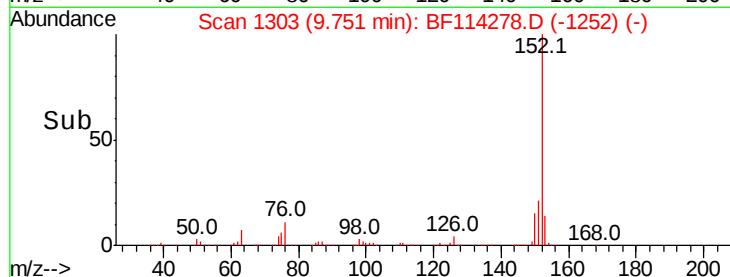
5/16/2019 9:50:52 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.217 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

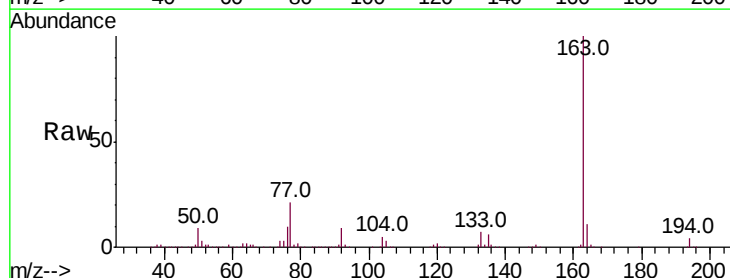
Tgt Ion:163 Resp: 1504121

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

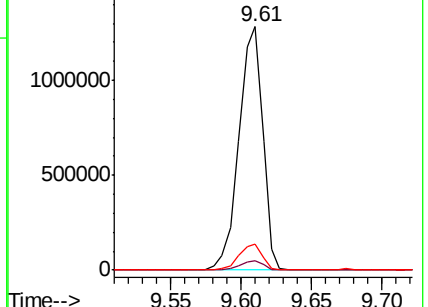
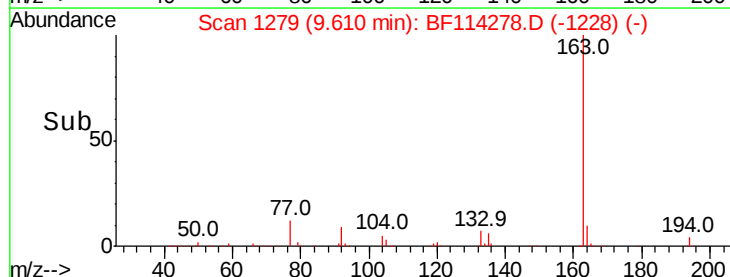
164 10.5 8.2 12.2

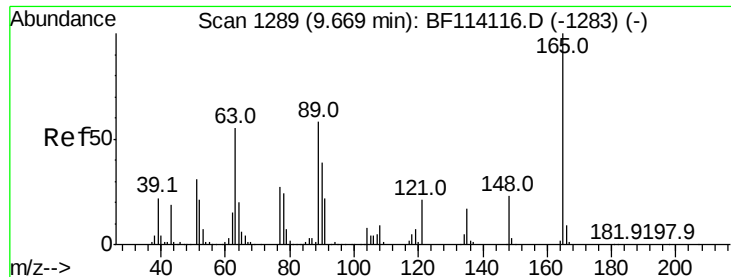


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





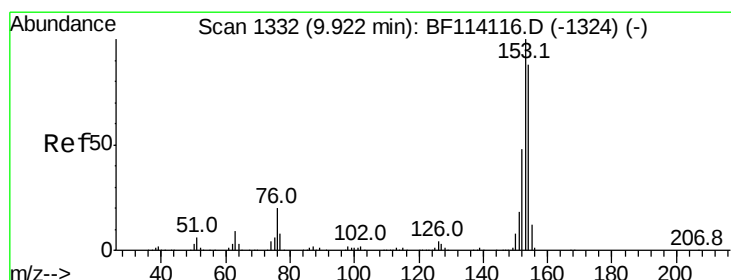
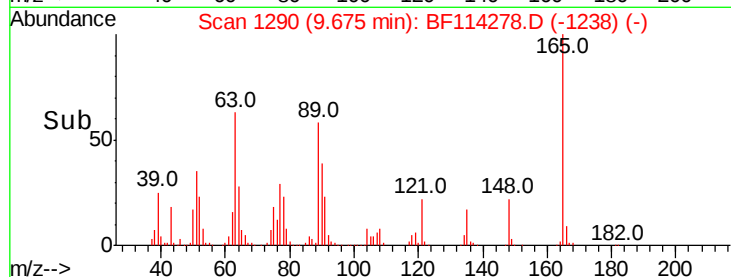
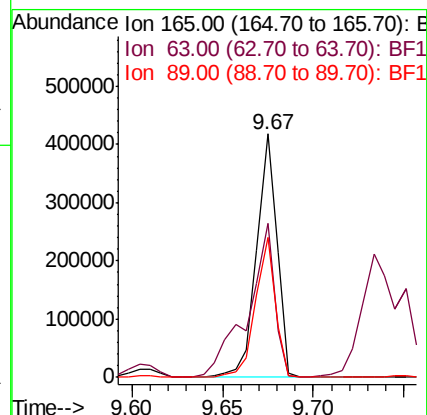
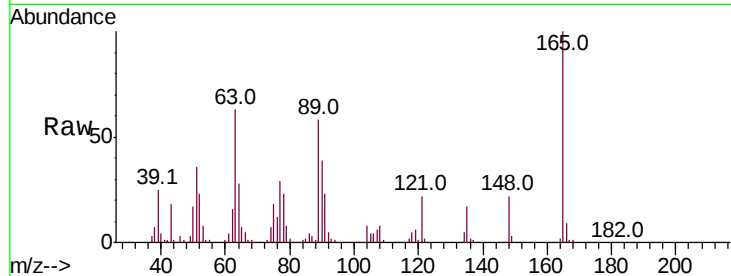
#51
2,6-Dinitrotoluene
Concen: 39.680 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	329155		
63	63.3	50.2	75.4	
89	57.7	46.6	69.8	

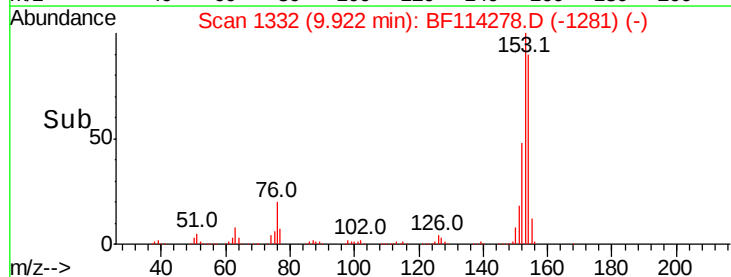
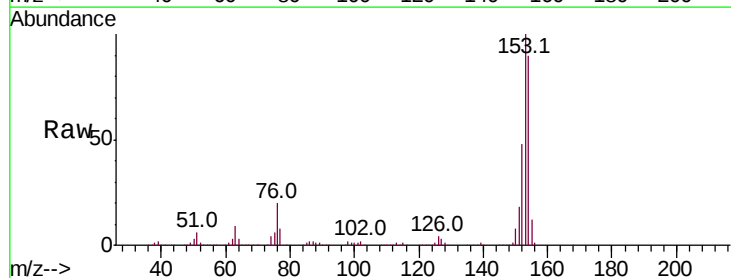
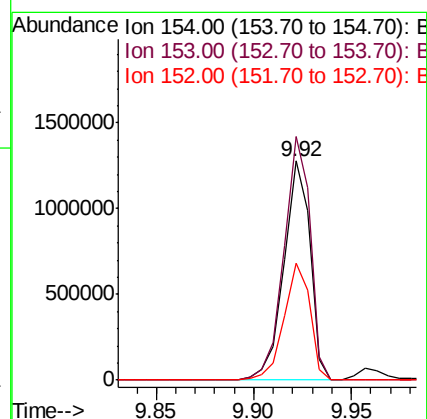
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#52
Acenaphthene
Concen: 38.564 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1192198		
153	111.0	90.5	135.7	
152	53.4	43.4	65.2	





#53

3-Nitroaniline

Concen: 41.070 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

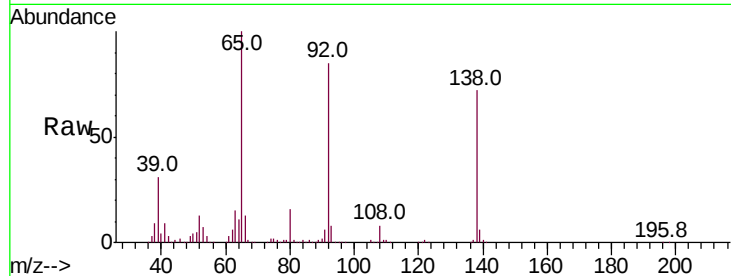
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	118.3	91.2	136.8

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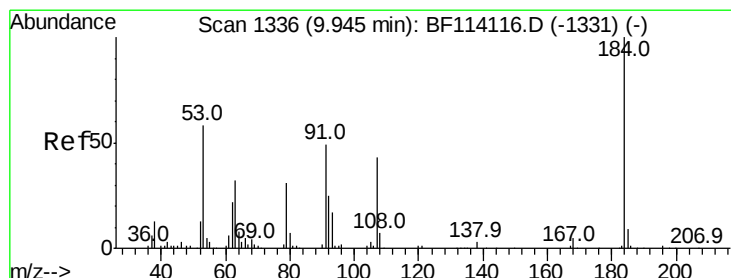
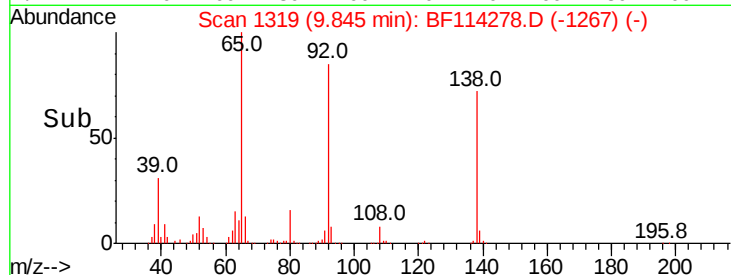
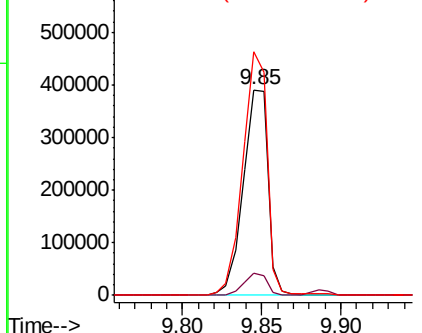


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 36.589 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

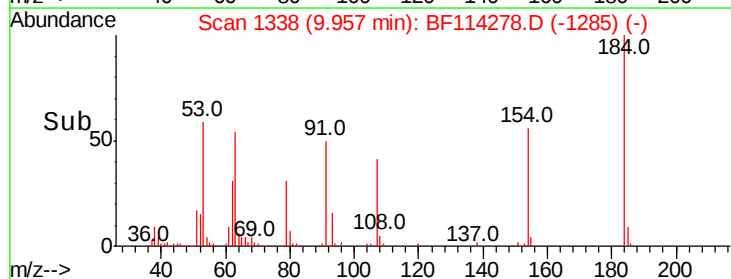
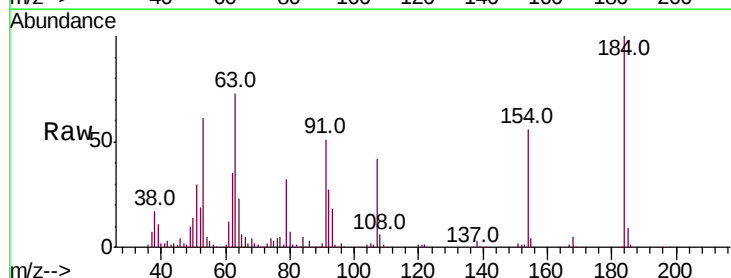
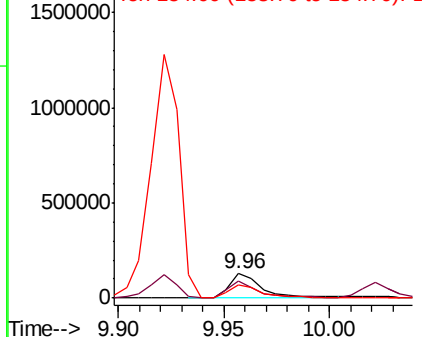
Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	55.6	83.4
154	56.2	46.0	69.0

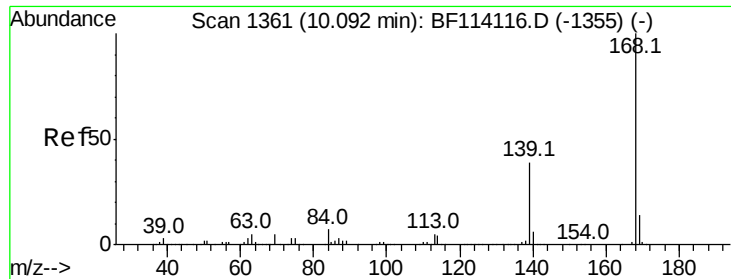
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





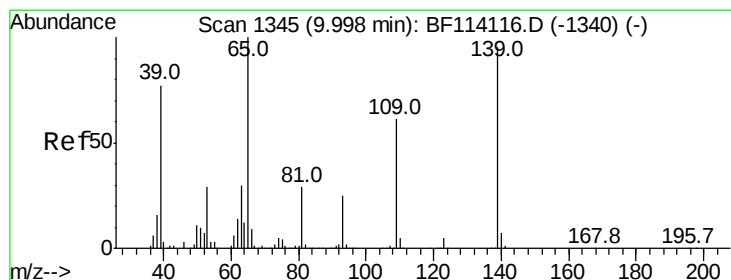
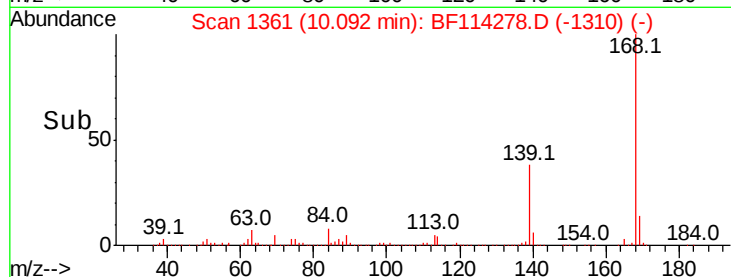
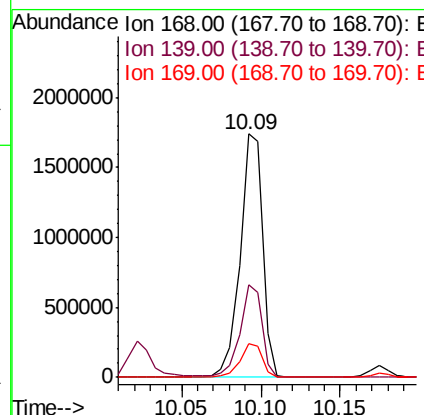
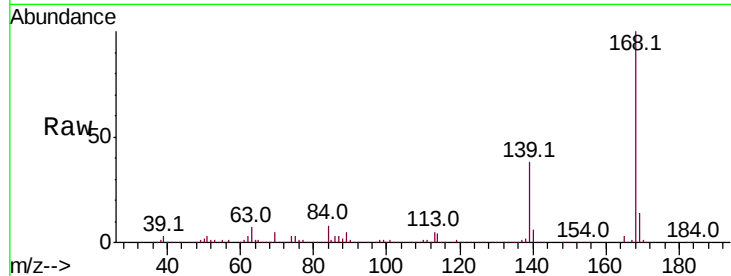
#55
Dibenzofuran
Concen: 37.859 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.1	46.7
169	14.0	11.4	17.0

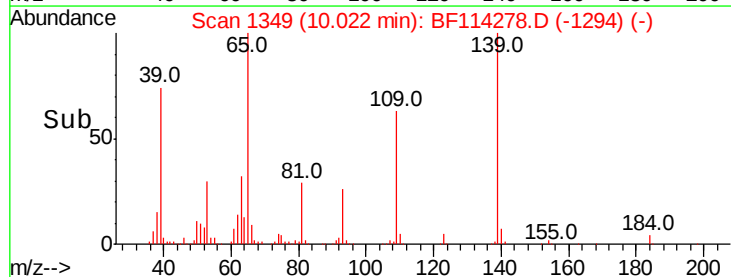
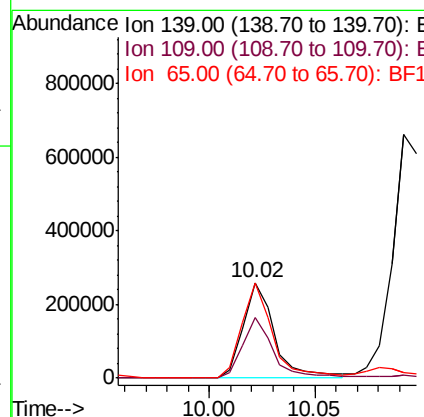
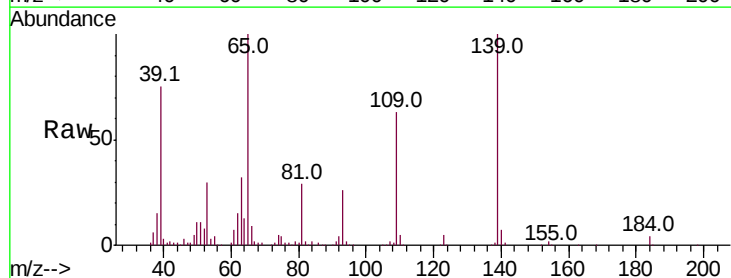
Manual Integrations
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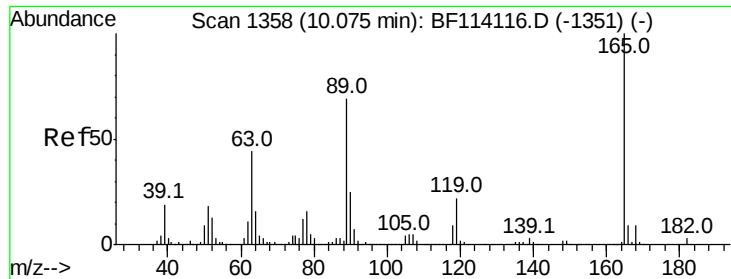
mohammad
5/16/2019 9:50:52 AM



#56
4-Nitrophenol
Concen: 36.672 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	43.9	83.9
65	100.3	85.7	125.7





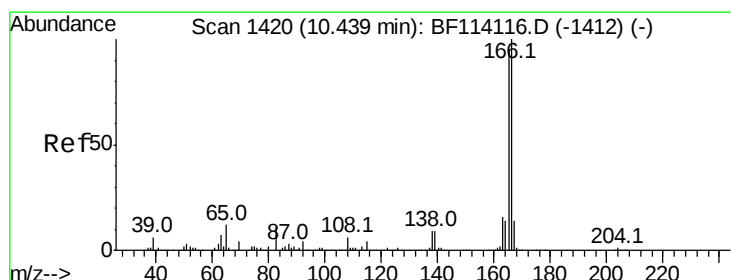
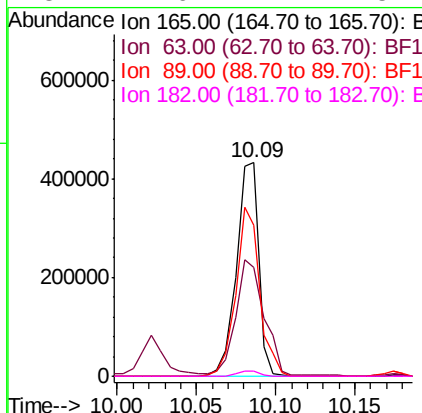
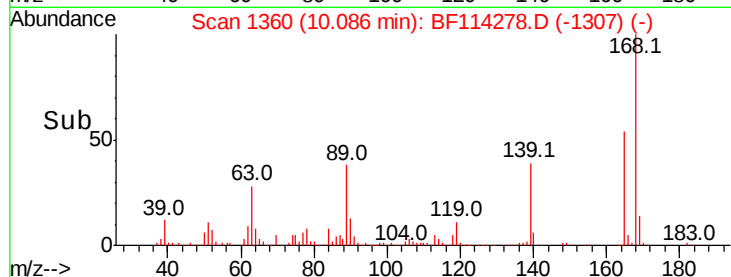
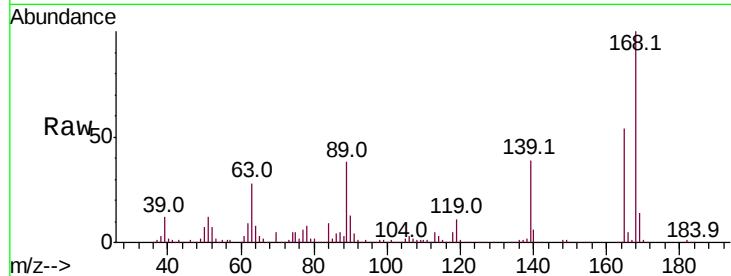
#57
 2,4-Dinitrotoluene
 Concen: 37.504 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.2	35.5	53.3
89	70.8	55.2	82.8
182	2.6	2.2	3.2

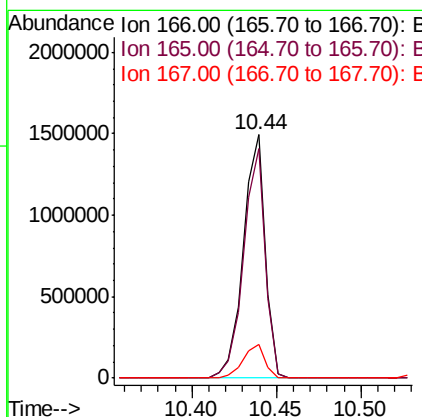
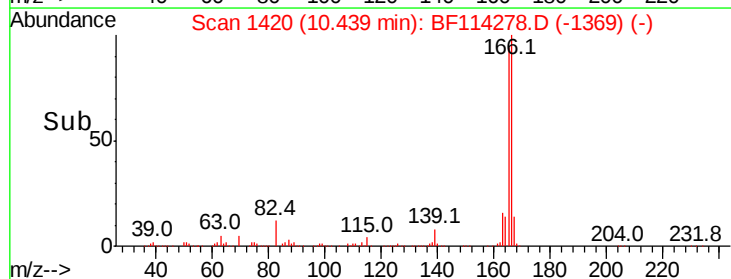
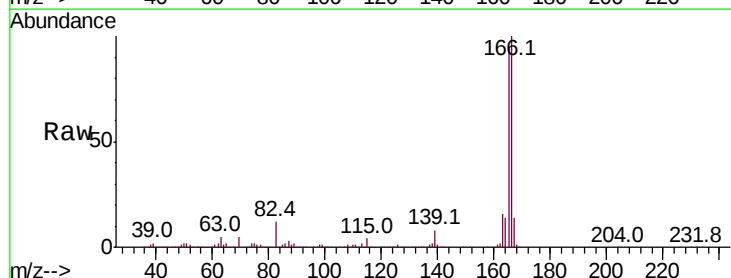
Manual Integrations
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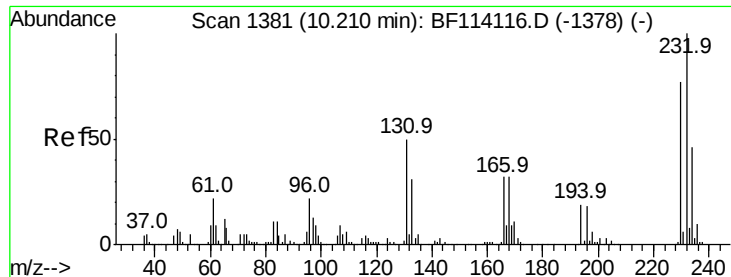
mohammad
 5/16/2019 9:50:52 AM



#58
 Fluorene
 Concen: 38.655 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	76.1	114.1
167	14.0	11.1	16.7





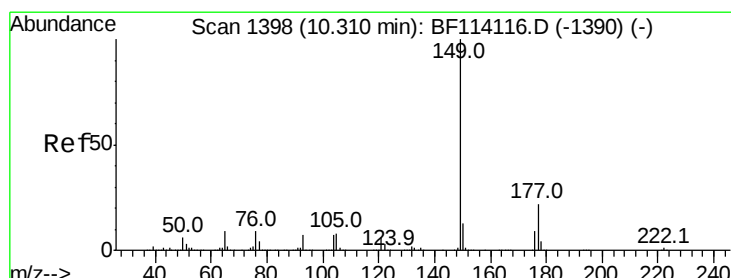
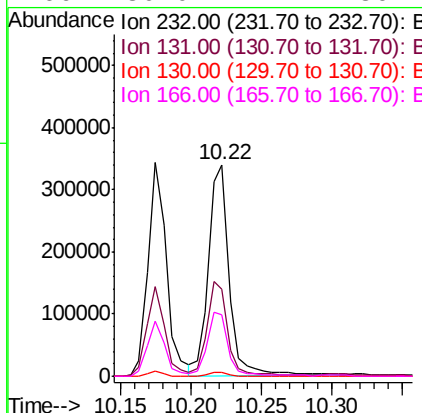
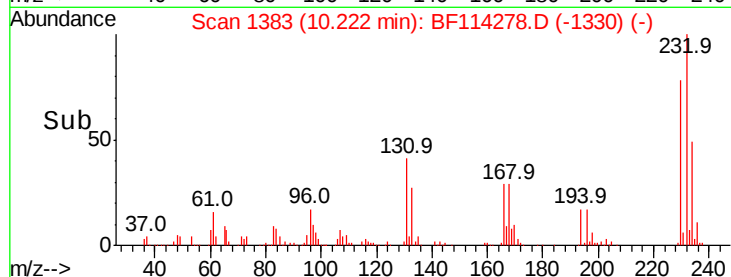
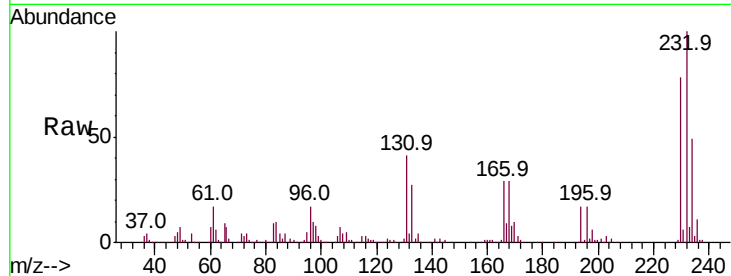
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.604 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.7	35.6	53.4
130	2.0	1.6	2.4
166	30.0	24.1	36.1

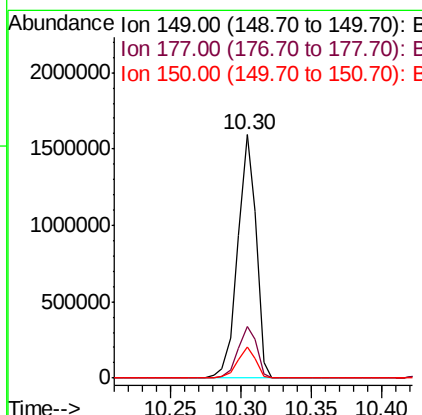
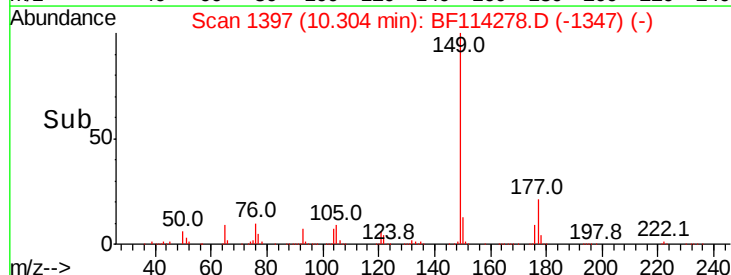
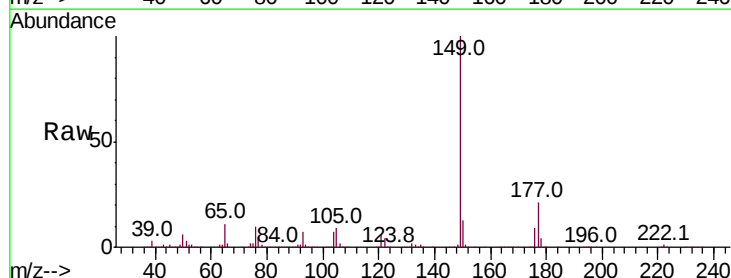
Manual Integrations
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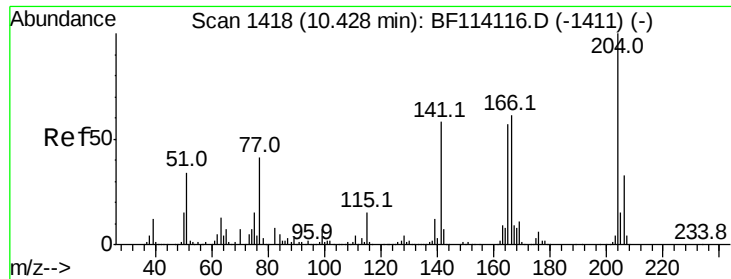
mohammad
 5/16/2019 9:50:52 AM



#60
 Diethylphthalate
 Concen: 37.888 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.8	26.6
150	12.8	10.2	15.2





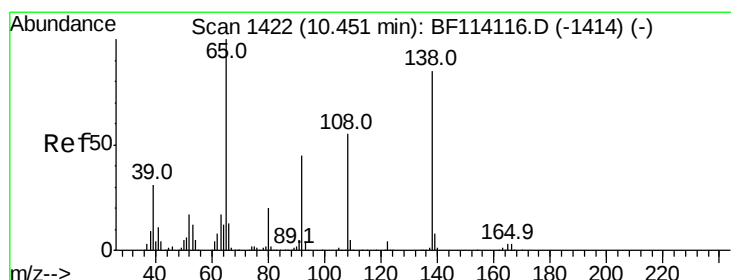
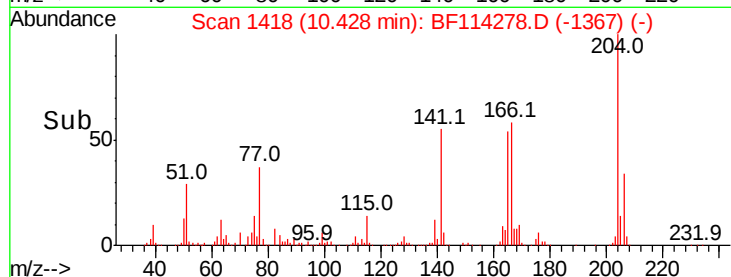
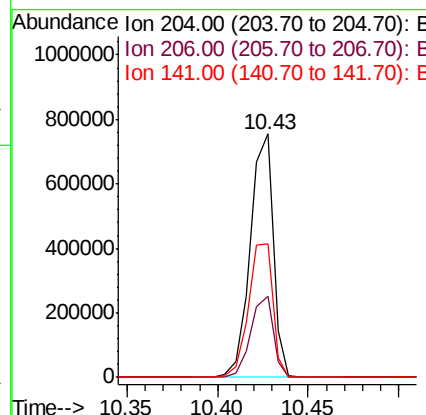
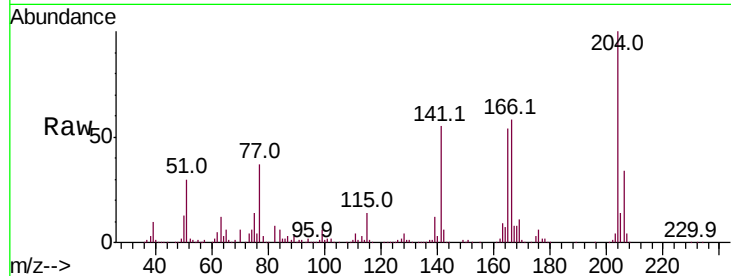
#61
4-Chlorophenyl-phenylether
Concen: 38.788 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	54.7	46.4	69.6

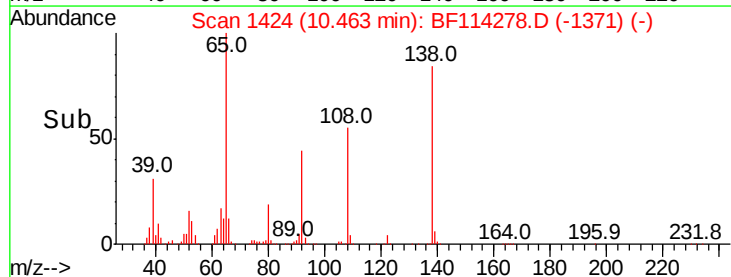
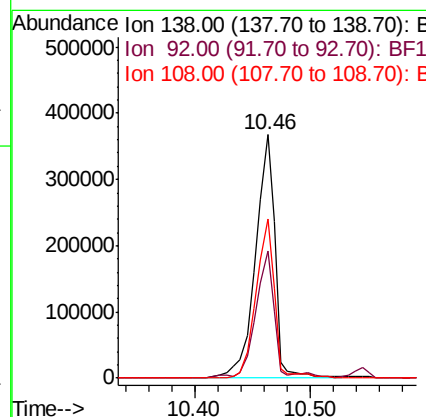
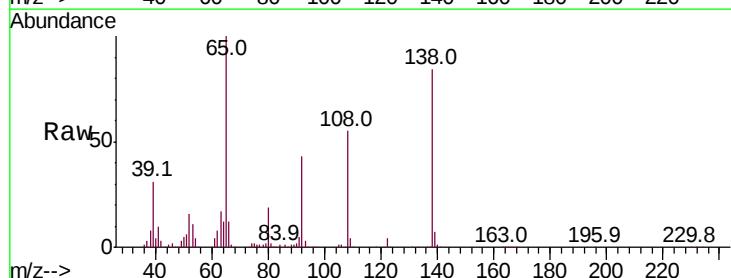
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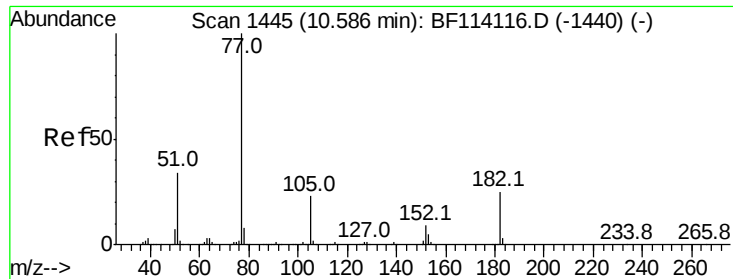
mohammad
5/16/2019 9:50:52 AM



#62
4-Nitroaniline
Concen: 39.892 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	33.0	73.0
108	65.2	44.9	84.9





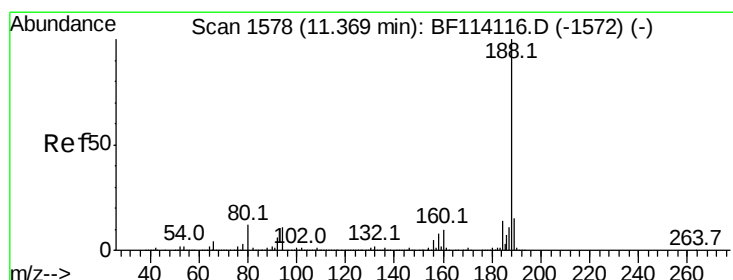
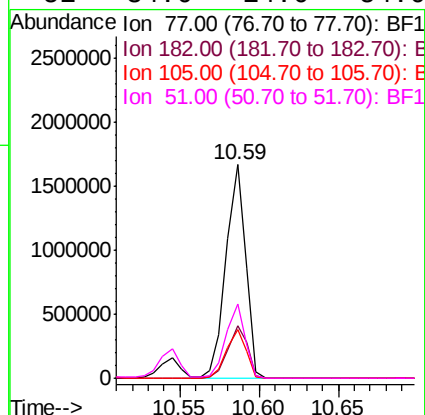
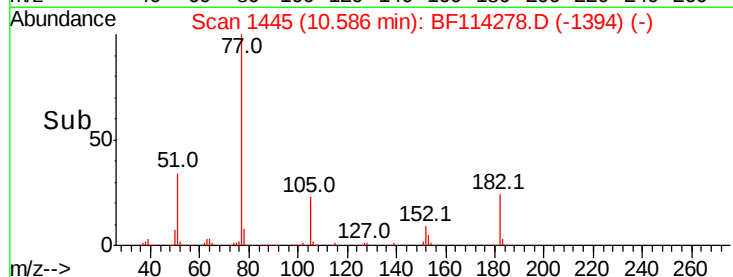
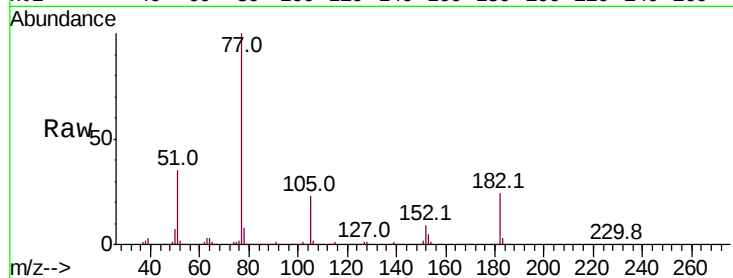
#63
Azobenzene
Concen: 39.171 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.3	4.7	44.7
105	23.1	2.9	42.9
51	34.6	14.6	54.6

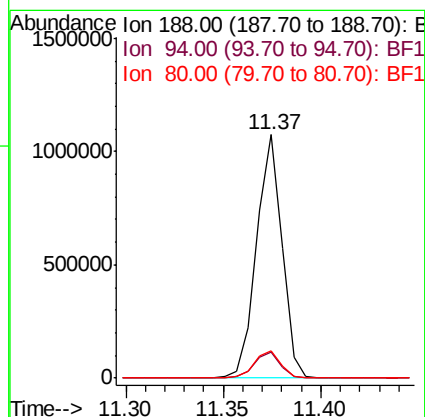
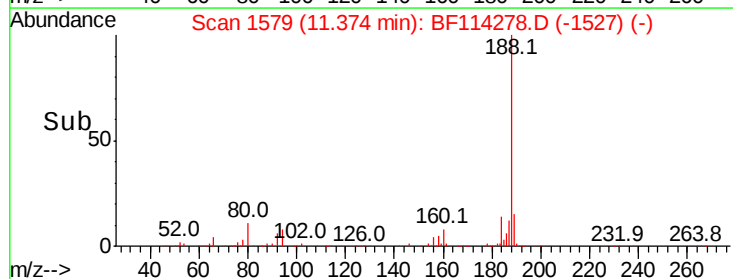
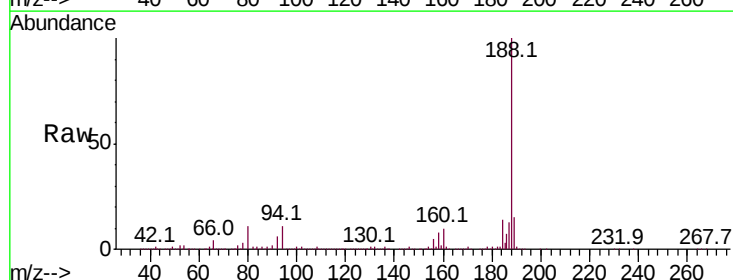
Manual Integrations
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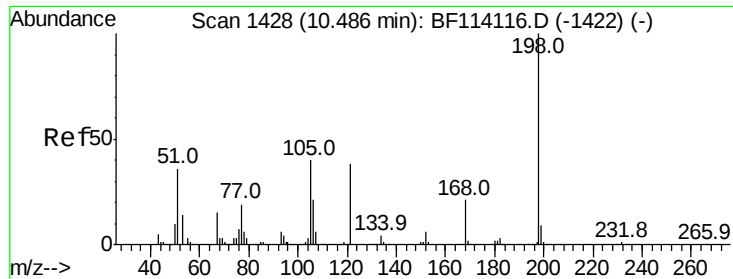
mohammad
5/16/2019 9:50:52 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.4	12.6
80	11.1	9.2	13.8





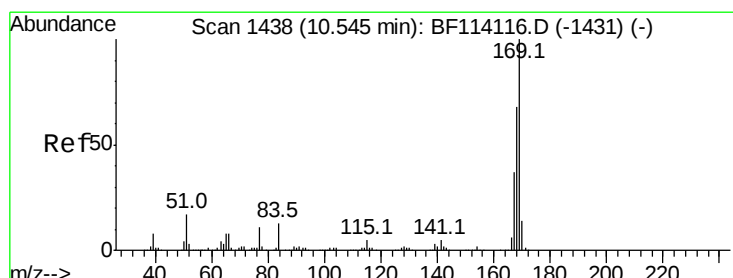
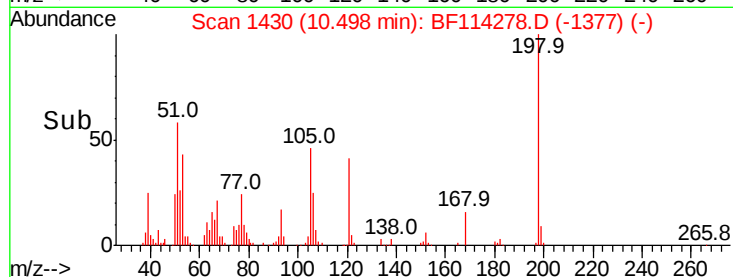
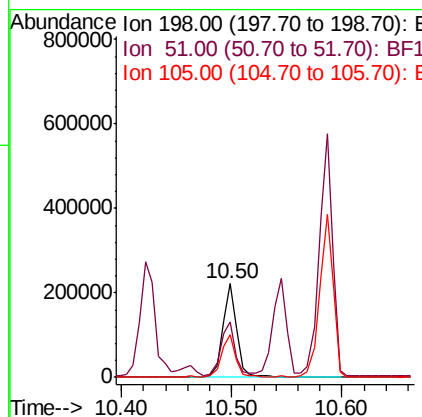
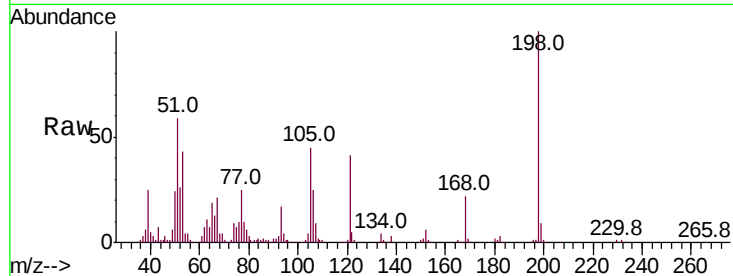
#65
4,6-Dinitro-2-methylphenol
Concen: 42.447 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	198443		
51	58.7	28.0	68.0	
105	45.5	21.1	61.1	

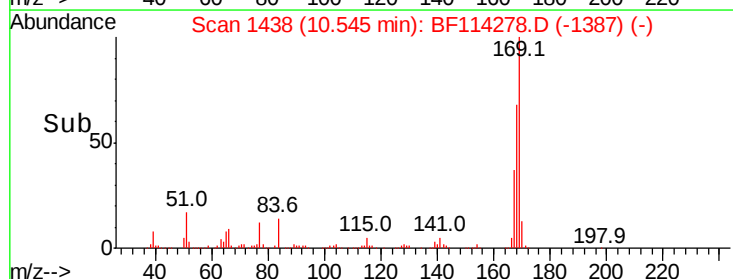
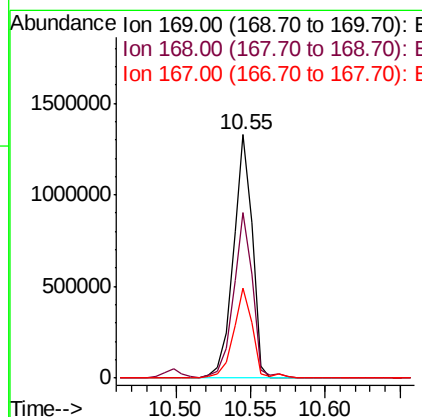
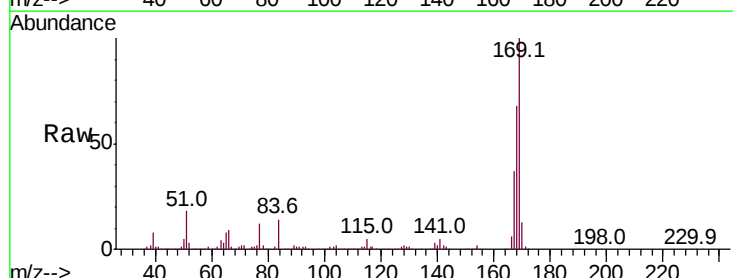
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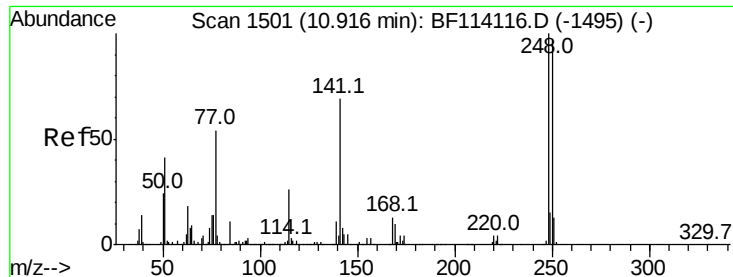
mohammad
5/16/2019 9:50:52 AM



#66
n-Nitrosodiphenylamine
Concen: 40.258 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1188782		
168	67.9	54.2	81.2	
167	37.2	29.8	44.8	





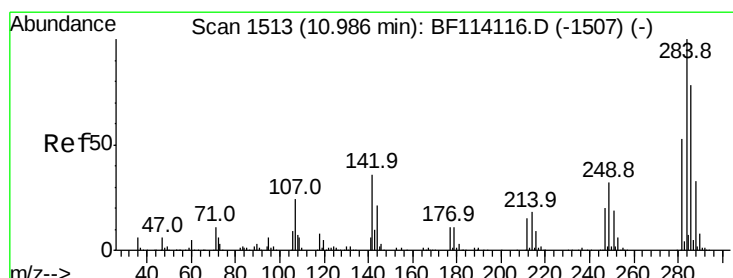
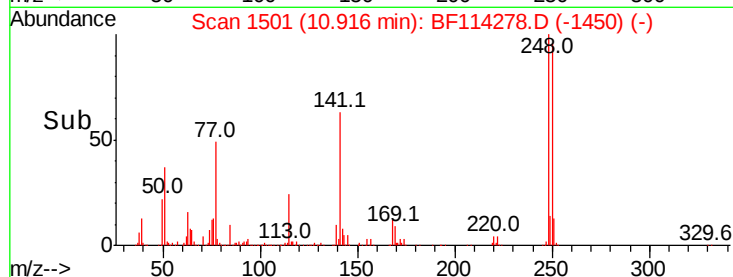
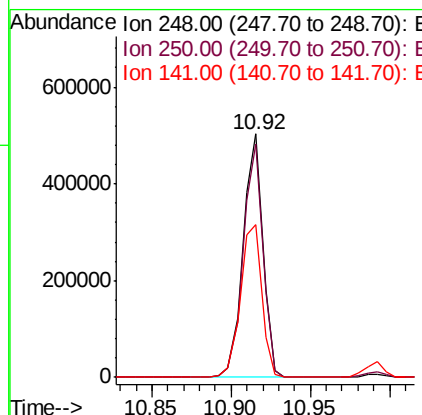
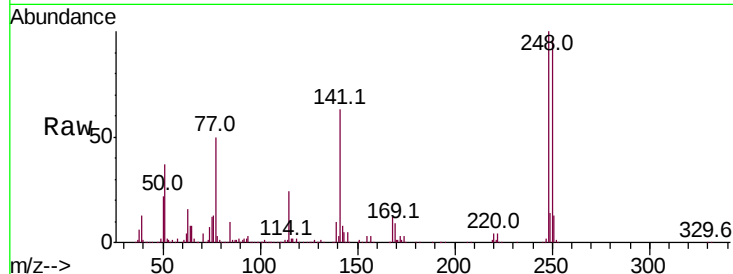
#67
4-Bromophenyl-phenylether
Concen: 40.585 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.4	116.2
141	62.5	55.6	83.4

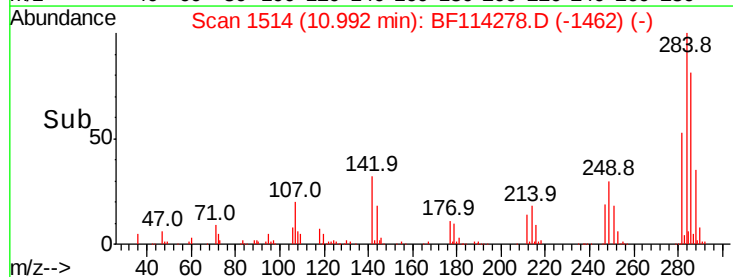
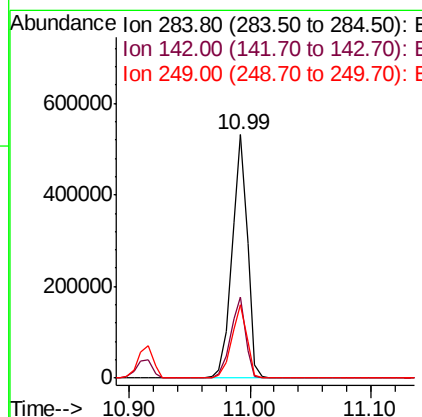
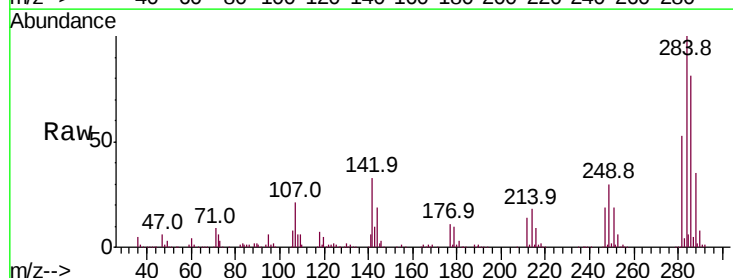
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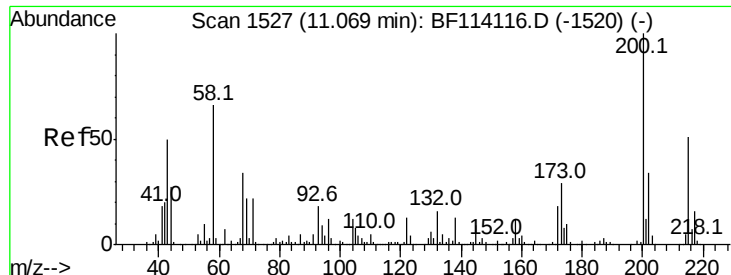
mohammad
5/16/2019 9:50:52 AM



#68
Hexachlorobenzene
Concen: 39.591 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.4	28.4	42.6
249	30.3	25.2	37.8





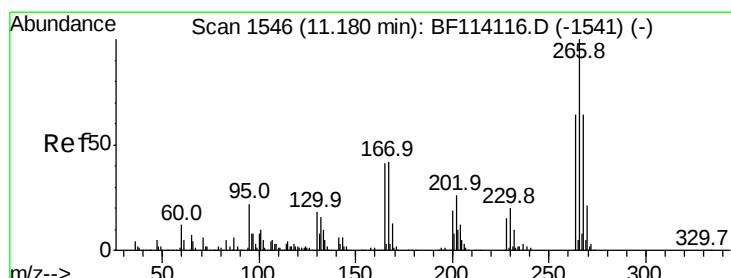
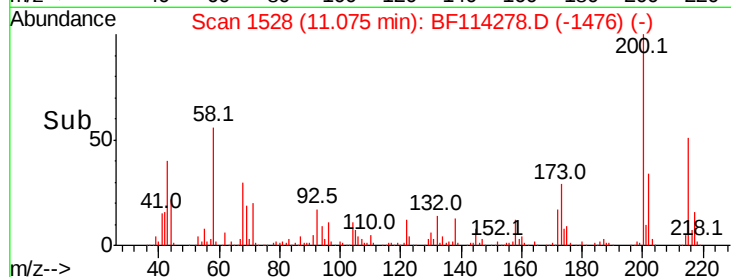
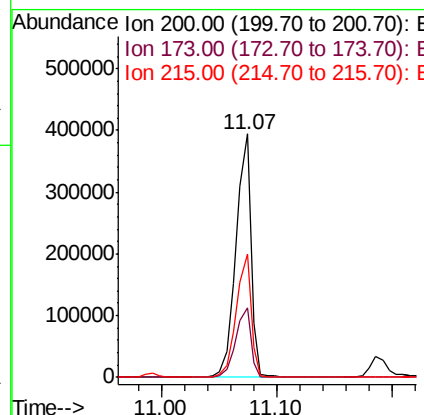
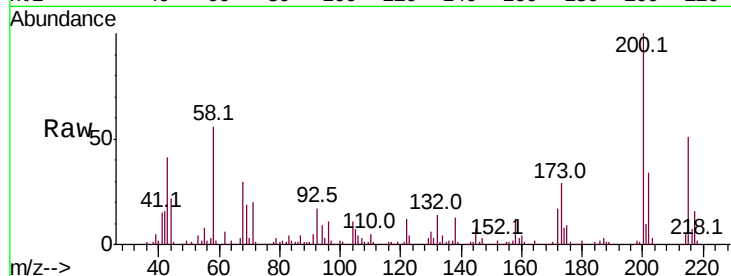
#69
Atrazine
Concen: 38.968 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	358092		
173	28.8	8.9	48.9	
215	50.9	30.7	70.7	

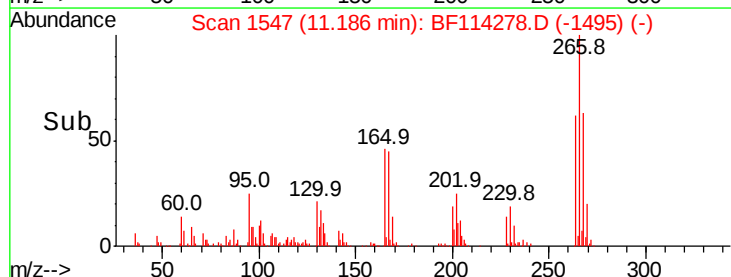
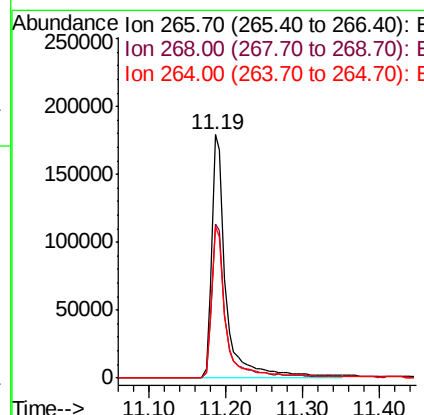
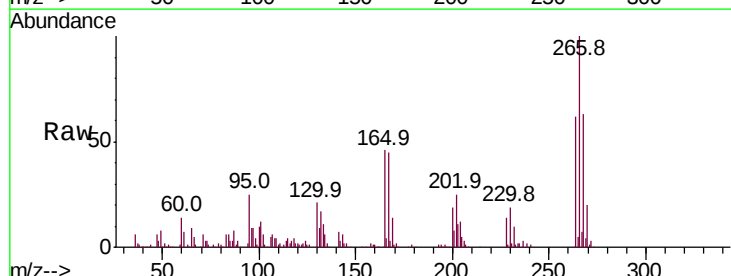
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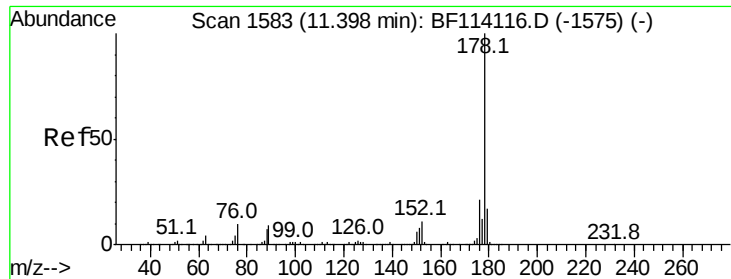
mohammad
5/16/2019 9:50:52 AM



#70
Pentachlorophenol
Concen: 41.567 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	233517		
268	63.2	51.1	76.7	
264	62.0	51.1	76.7	





#71

Phenanthrene

Concen: 40.426 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1913538

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

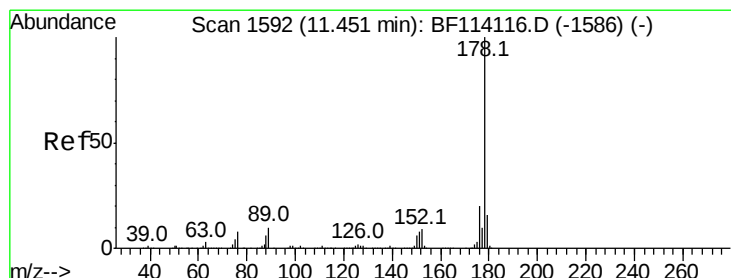
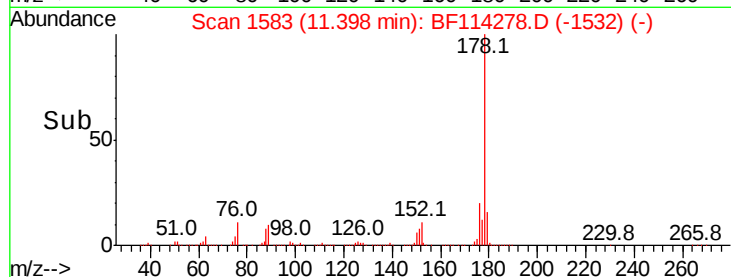
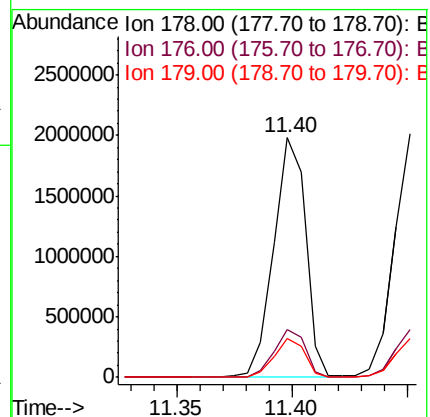
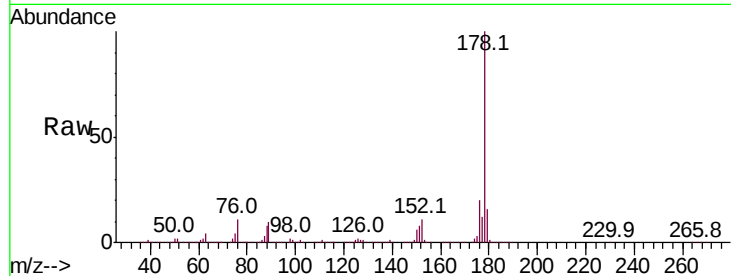
179 16.0 13.2 19.8

Manual Integrations

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mohammad

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#72

Anthracene

Concen: 41.128 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

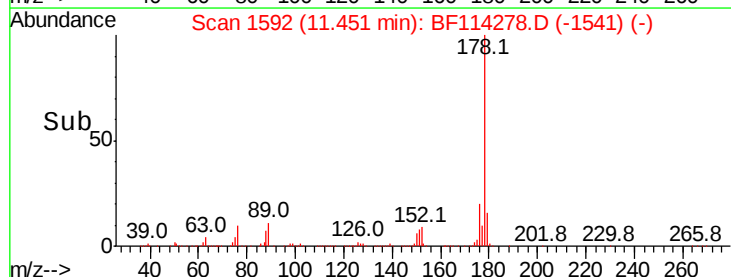
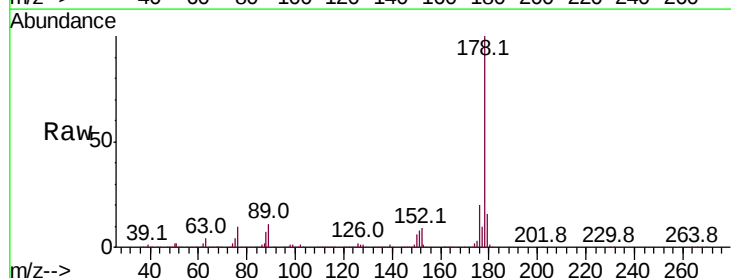
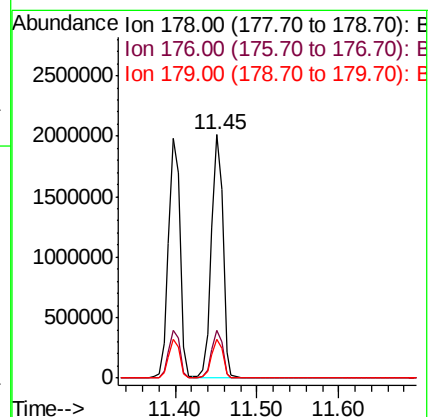
Tgt Ion:178 Resp: 1955383

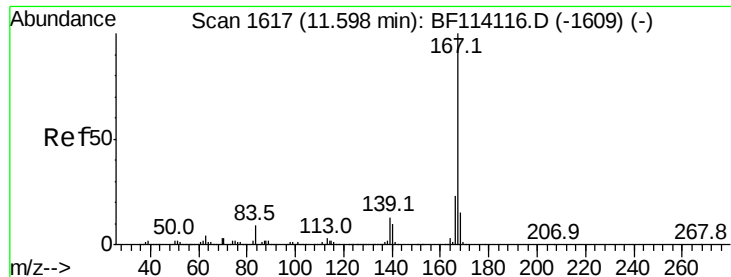
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 16.1 13.0 19.4





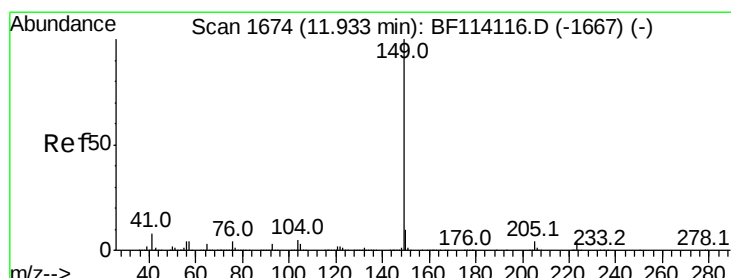
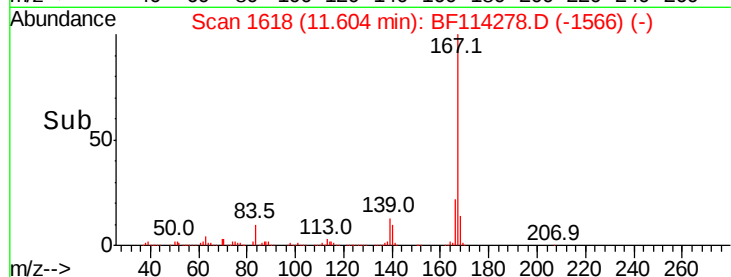
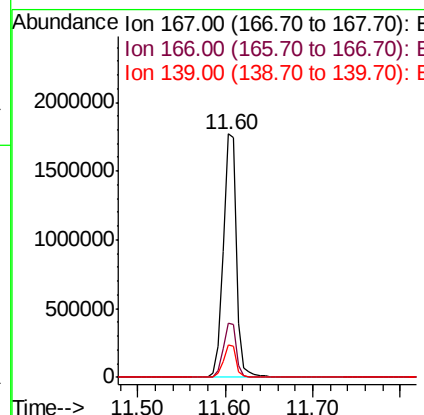
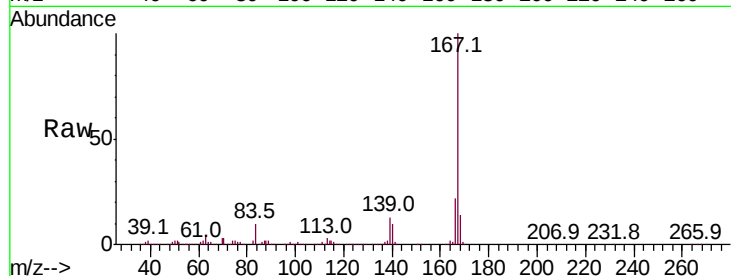
#73
 Carbazole
 Concen: 40.950 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.3	10.6	16.0

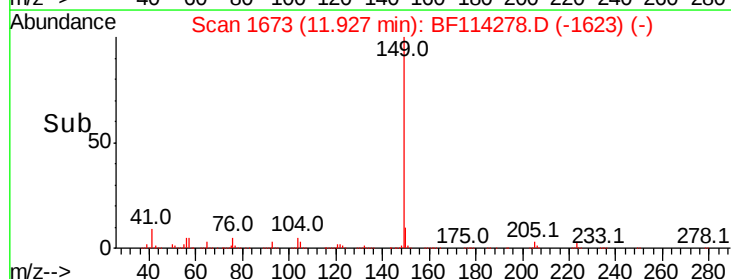
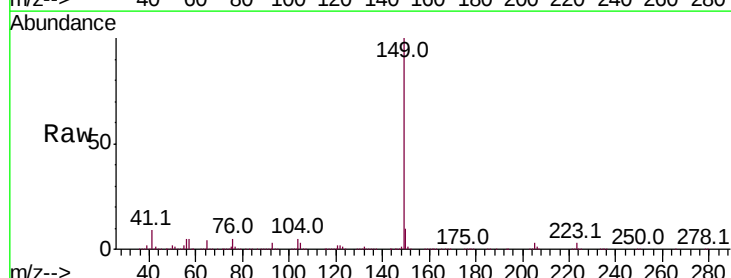
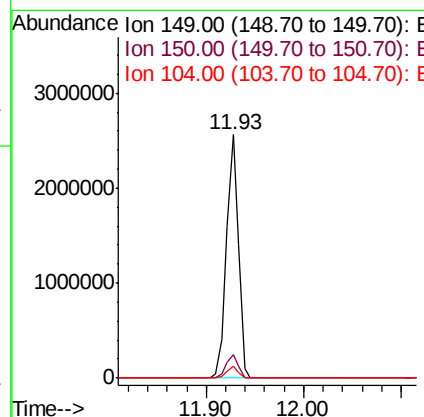
Manual Integrations
 APPROVED

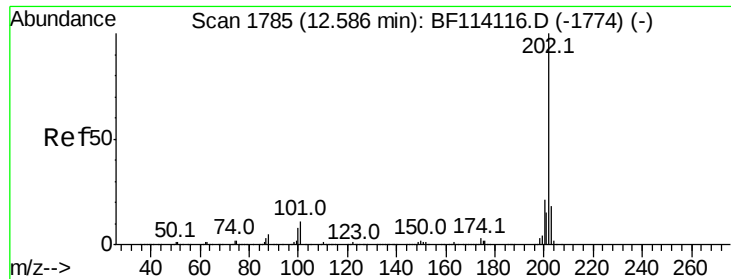
mohammad
 5/16/2019 9:50:52 AM



#74
 Di-n-butylphthalate
 Concen: 41.629 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.9	3.6	5.4





#75

Fluoranthene

Concen: 39.651 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

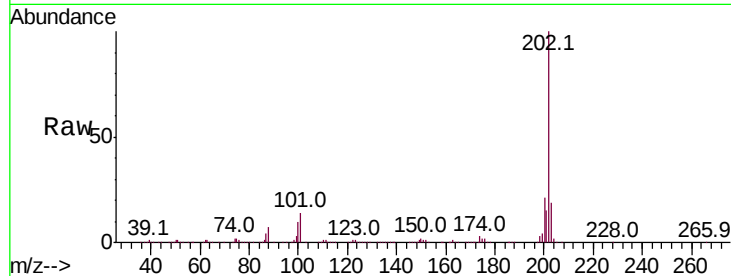
ClientSampleId :

SSTDCCC040

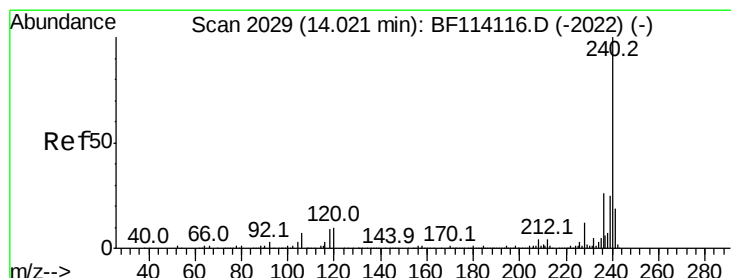
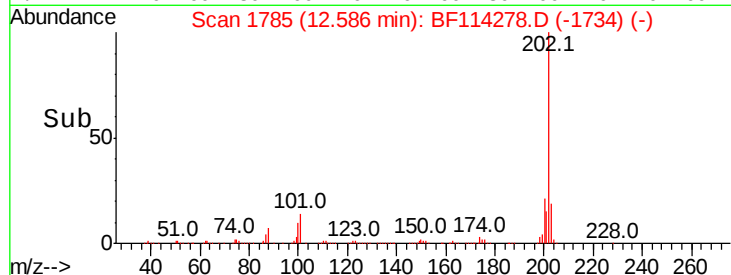
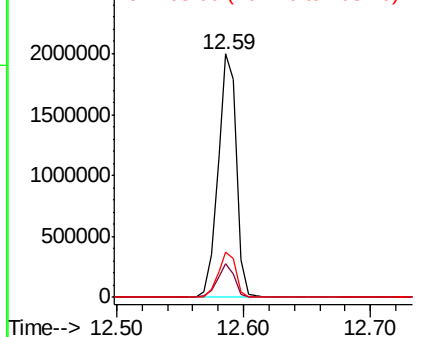
Tot Ion:	202	Resp:	2021143
Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.0
203	18.8	0.0	38.4

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

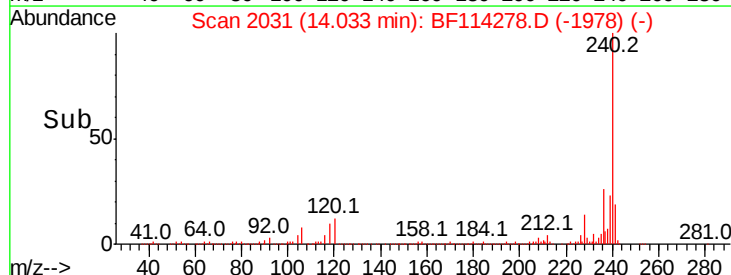
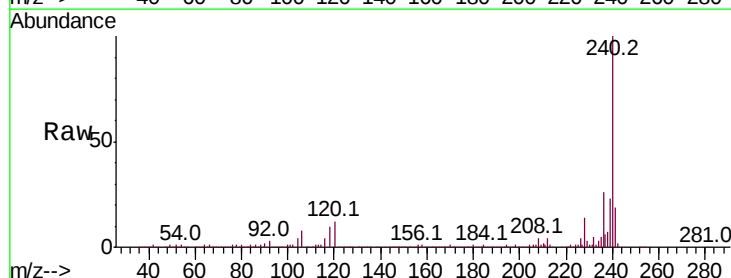
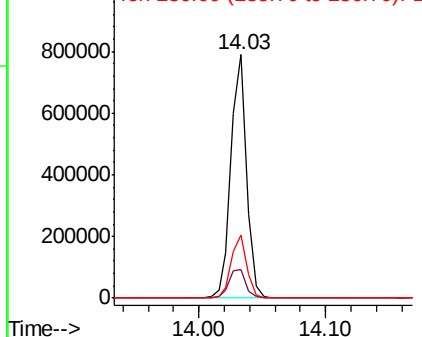
Delta R.T. 0.01 min

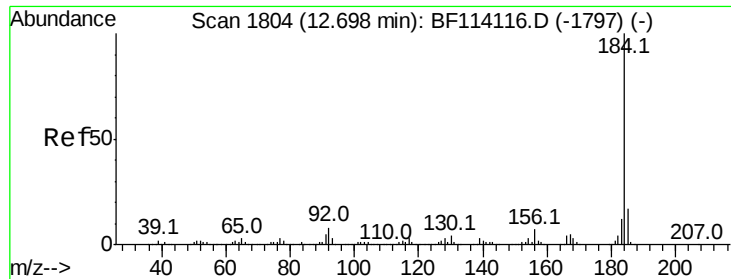
Lab File: BF114278.D

Acq: 15 May 2019 12:00

Tgt Ion:	240	Resp:	668765
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.2	20.8	31.2

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





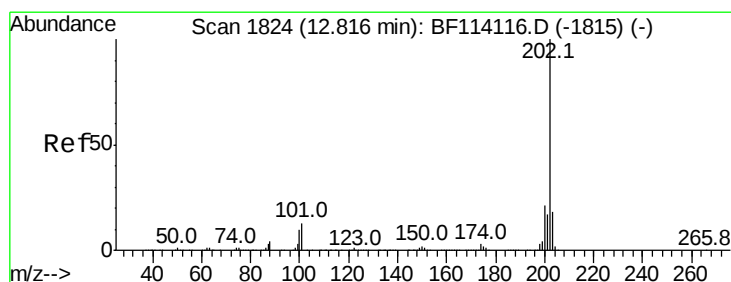
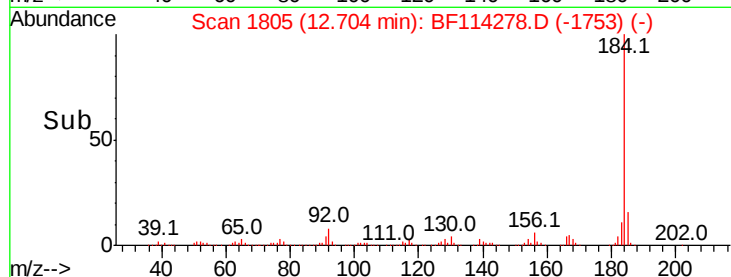
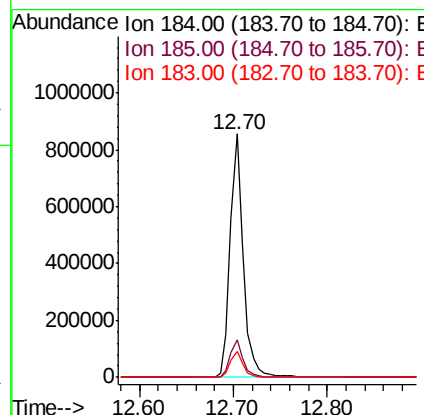
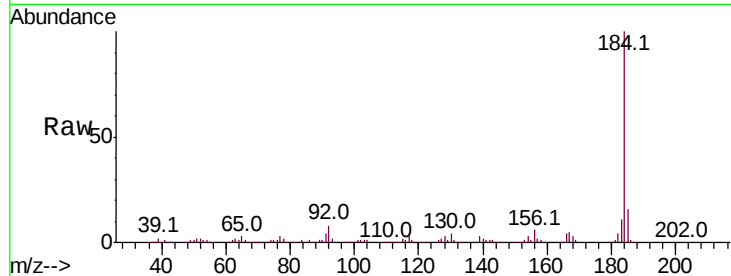
#77
Benzidine
Concen: 27.884 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.5	13.6	20.4	
183	10.5	9.2	13.8	

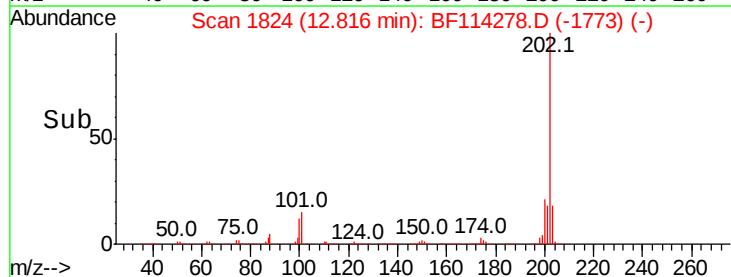
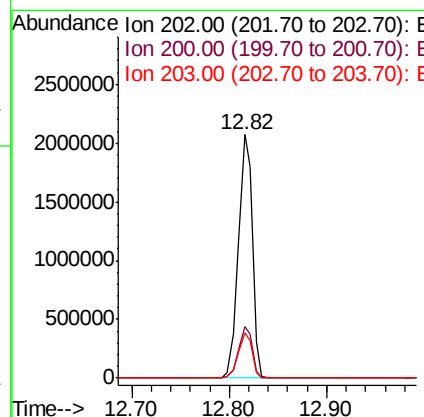
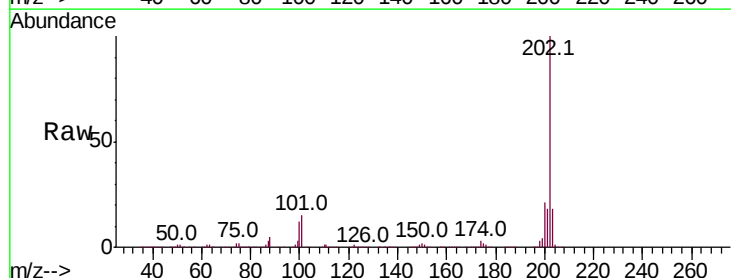
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#78
Pyrene
Concen: 38.308 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	16.9	25.3	
203	18.5	14.5	21.7	





#79

Terphenyl-d14

Concen: 75.515 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 2449848

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

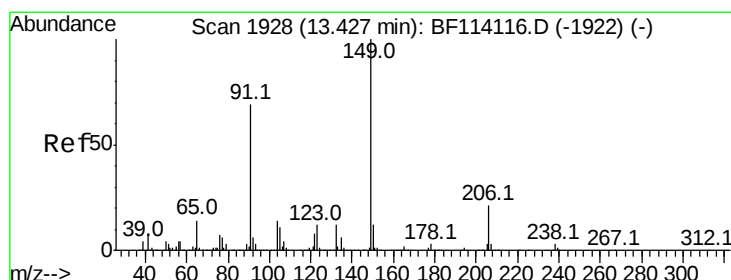
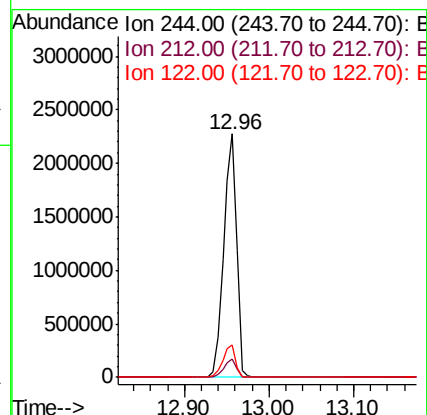
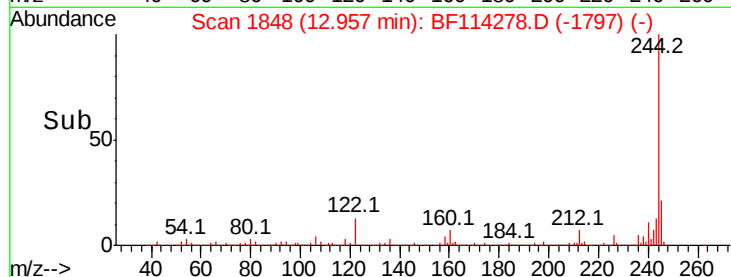
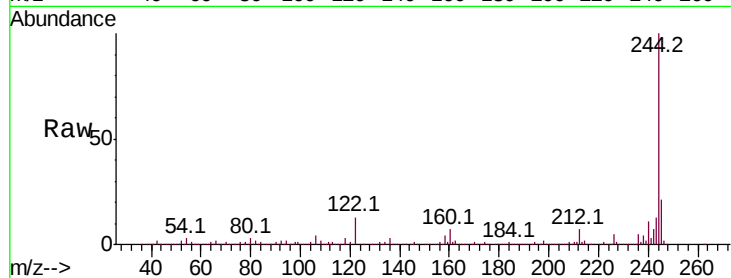
122 13.1 9.4 14.2

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#80

Butylbenzylphthalate

Concen: 42.190 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

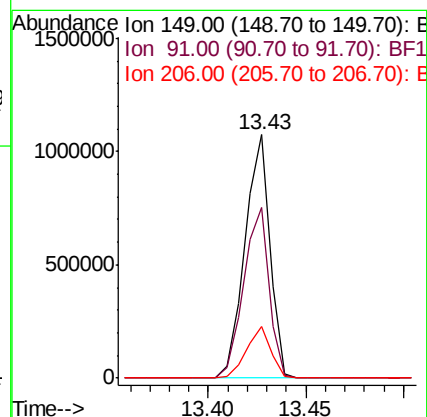
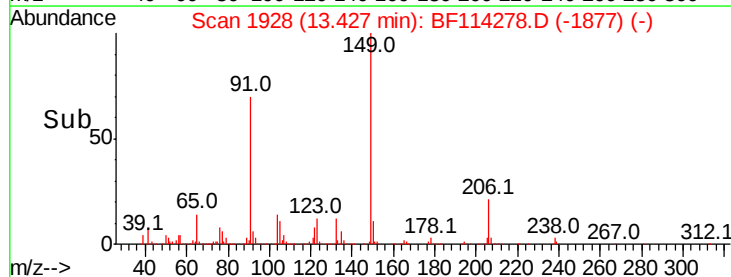
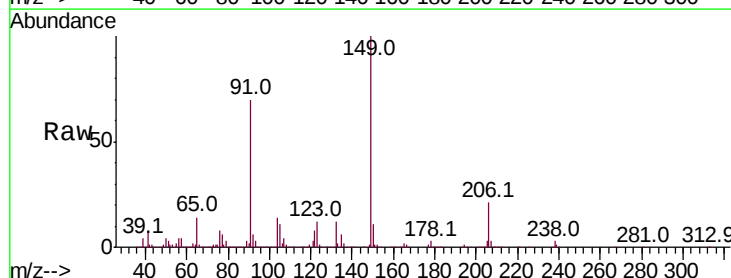
Tgt Ion:149 Resp: 955377

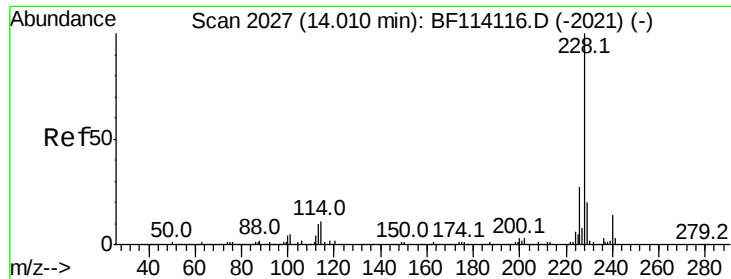
Ion Ratio Lower Upper

149 100

91 70.0 55.0 82.4

206 21.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 41.954 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1814735

Ion Ratio Lower Upper

228 100

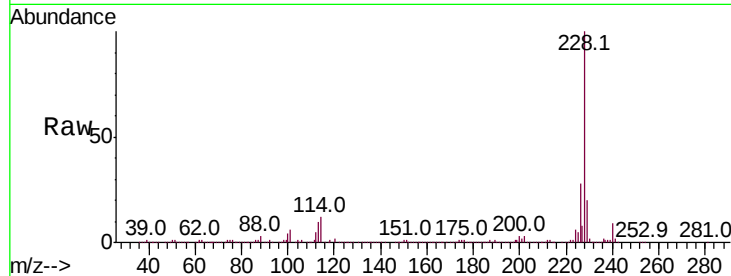
226 27.8 22.2 33.2

229 19.8 16.4 24.6

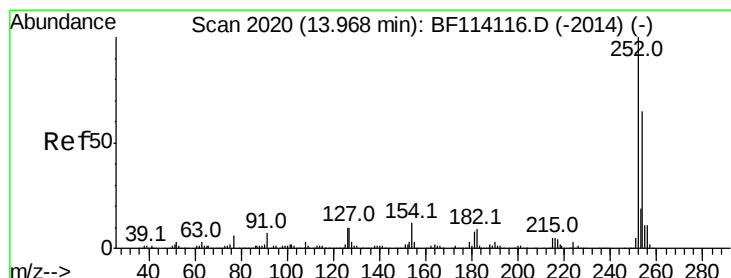
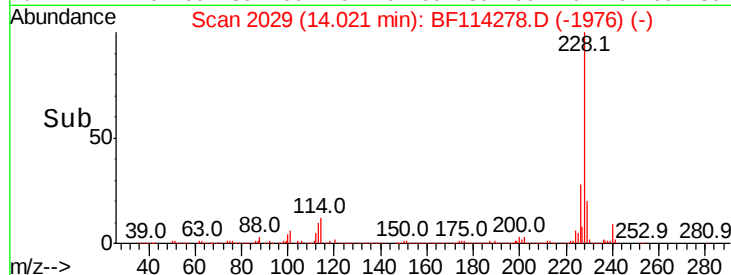
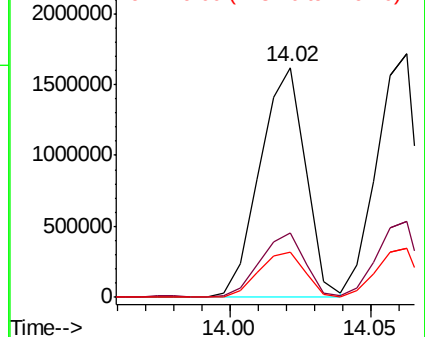
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.245 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

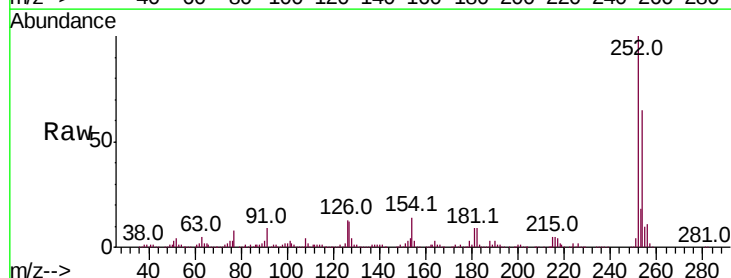
Tgt Ion:252 Resp: 692089

Ion Ratio Lower Upper

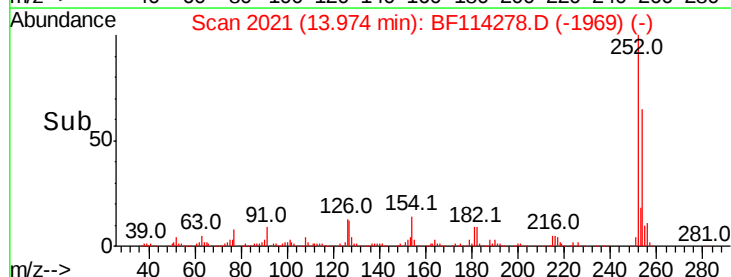
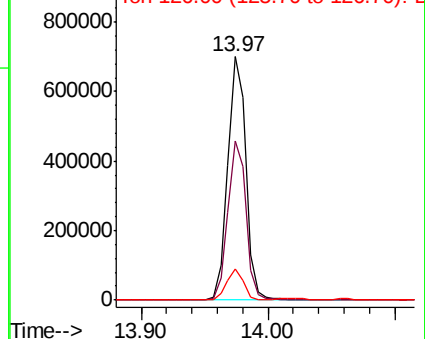
252 100

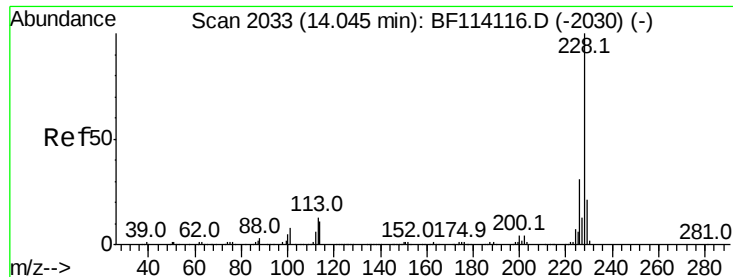
254 65.4 51.9 77.9

126 12.6 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





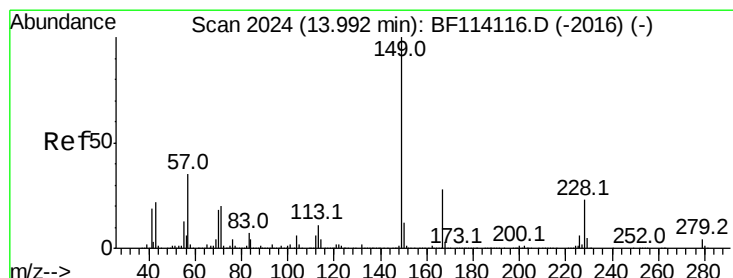
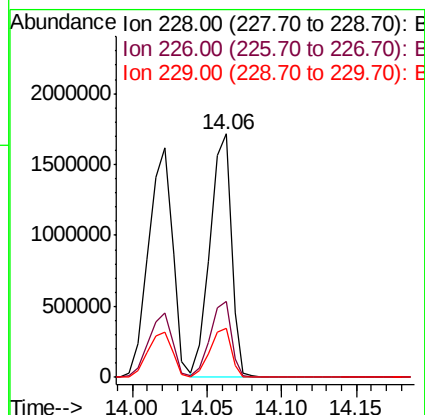
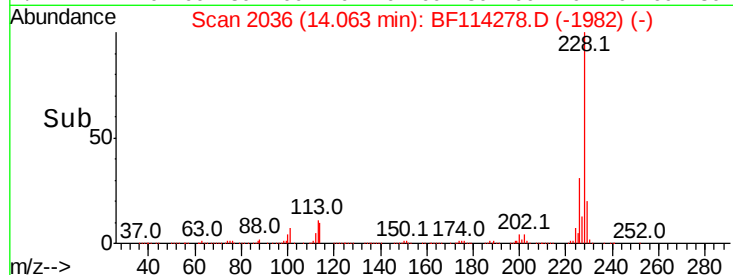
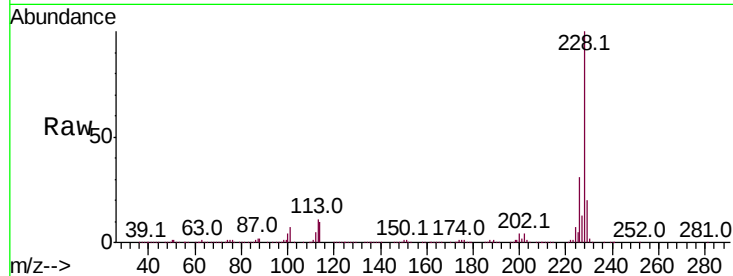
#83
 Chrysene
 Concen: 40.166 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.02 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.3	17.0	25.6

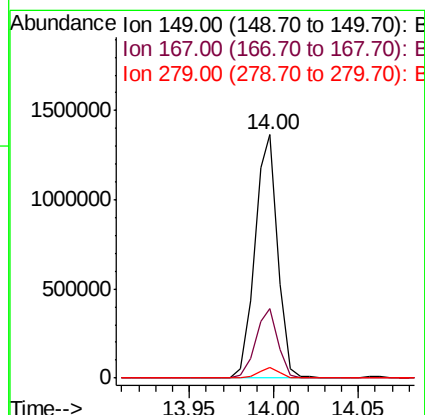
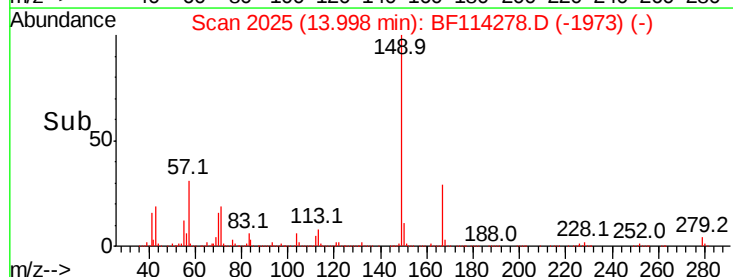
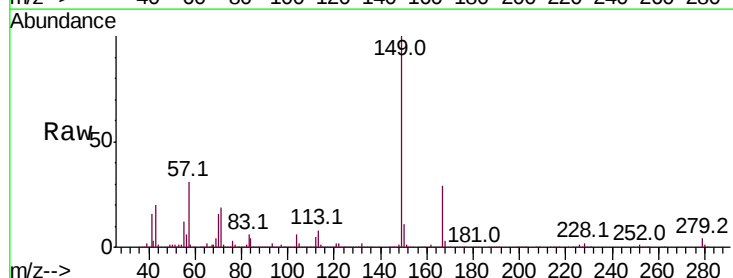
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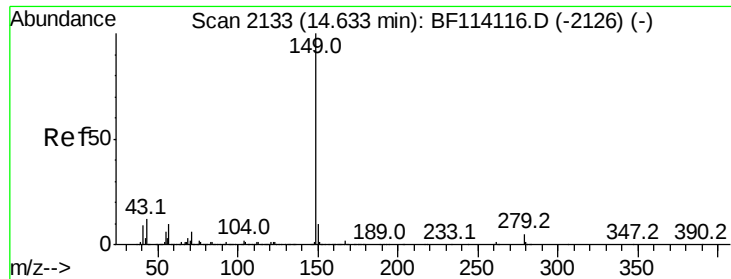
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.447 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF114278.D
 Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	33.8
279	4.3	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 44.563 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2139441

Ion Ratio Lower Upper

149 100

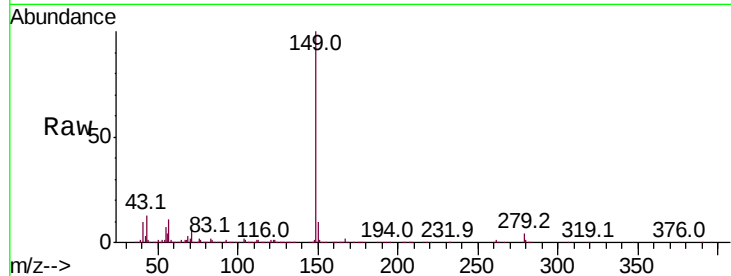
167 1.5 1.3 1.9

43 12.4 10.1 15.1

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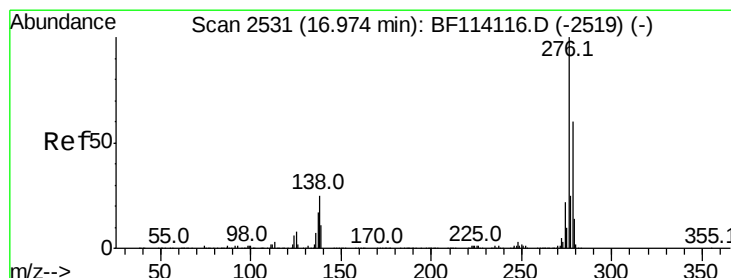
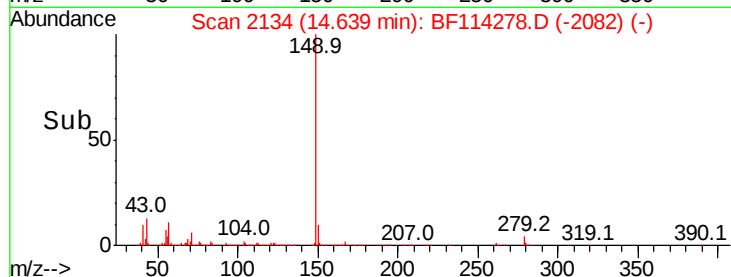
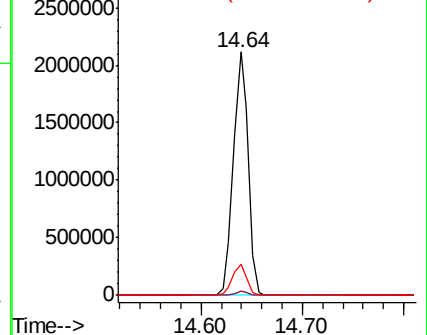
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.721 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.06 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

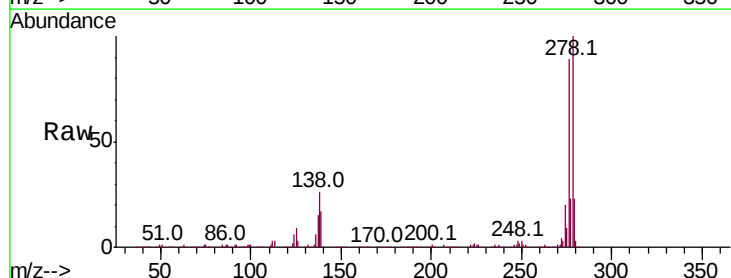
Tgt Ion:276 Resp: 1488523

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

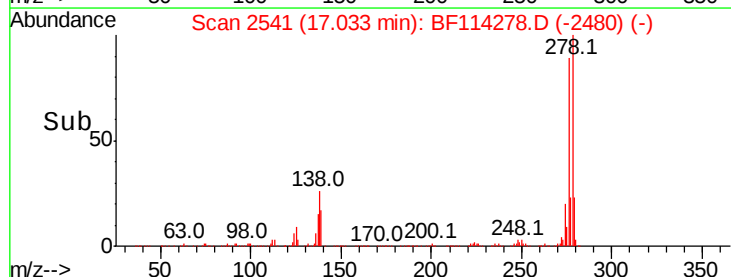
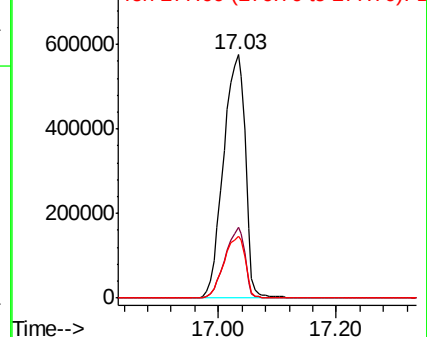
277 24.9 20.0 30.0

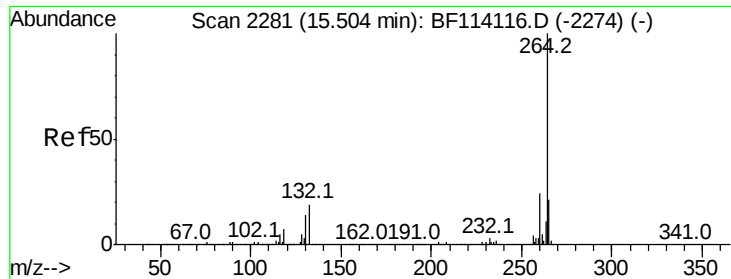


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. 0.03 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Instrument :

BNA_F

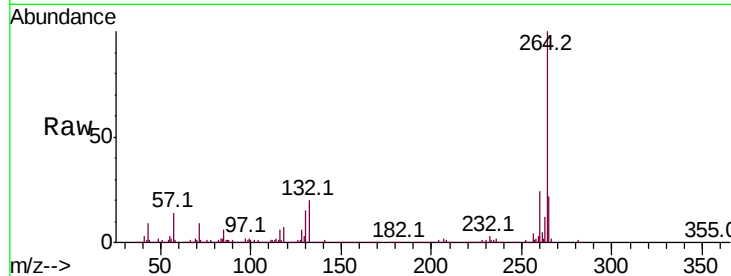
ClientSampleId :

SSTDCCC040

Tot Ion:	264	Resp:	618713
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.0
265	22.4	16.9	25.3

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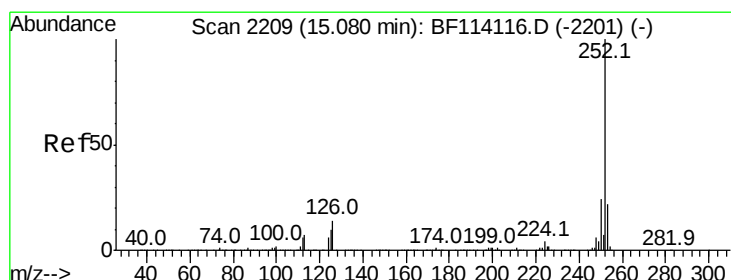
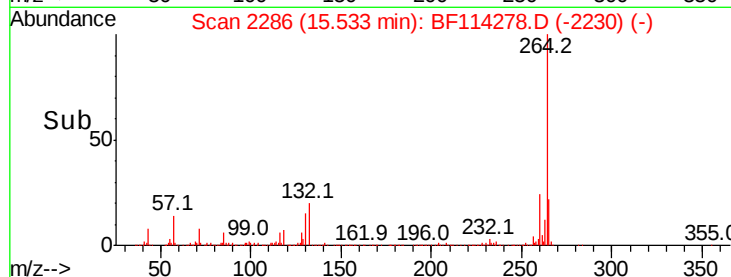
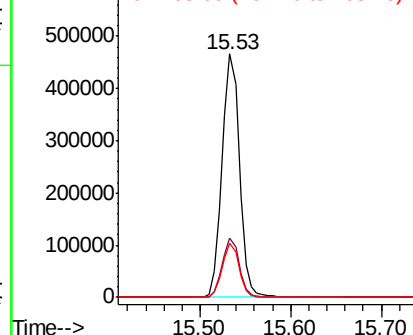


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.099 ng

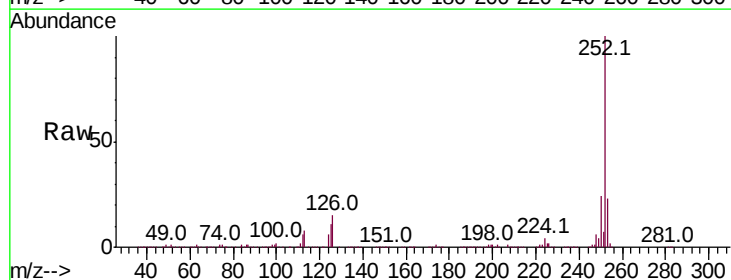
RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF114278.D

Acq: 15 May 2019 12:00

Tgt Ion:	252	Resp:	1748012
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.8
125	11.5	8.3	12.5

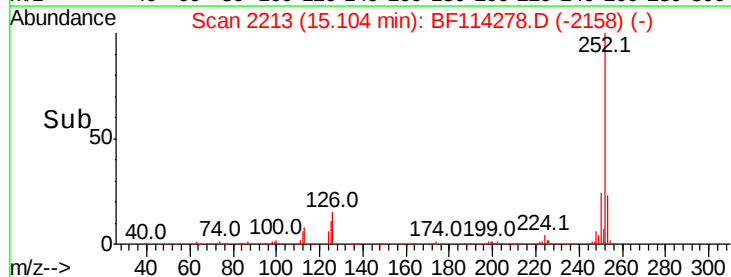
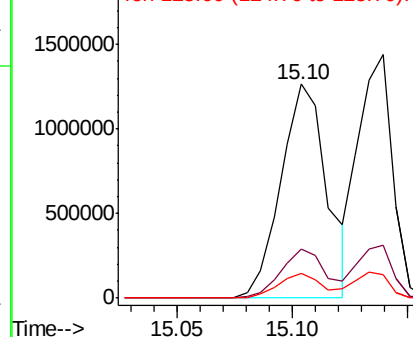


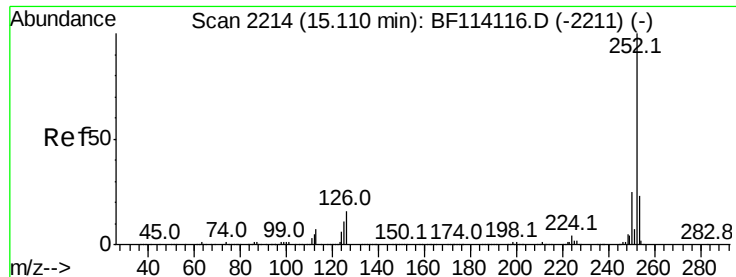
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





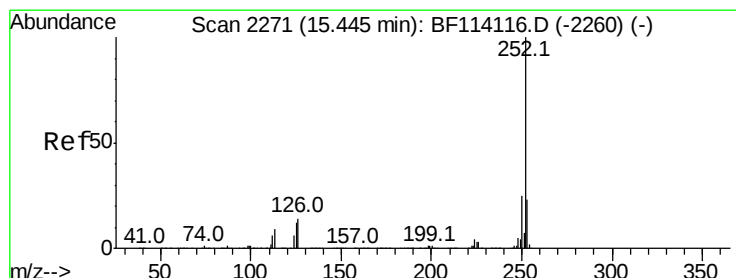
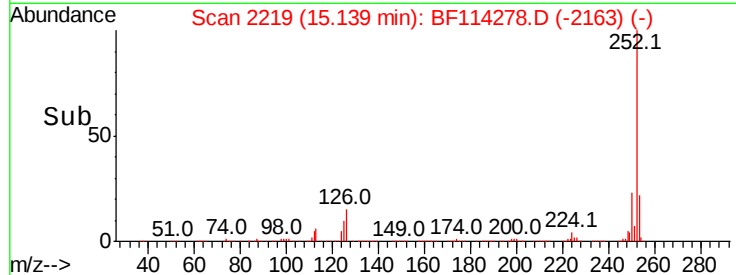
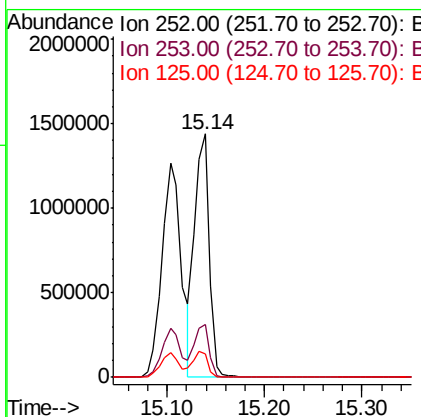
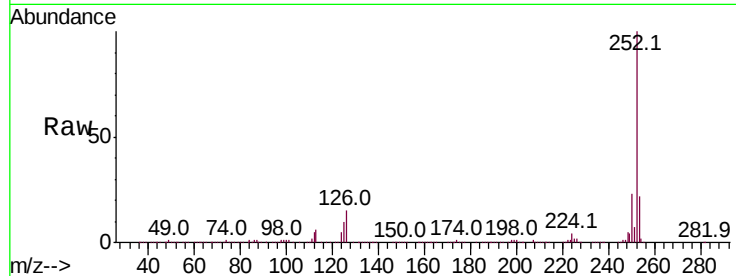
#89
Benzo(k)fluoranthene
Concen: 41.031 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.03 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	9.9	8.6	13.0

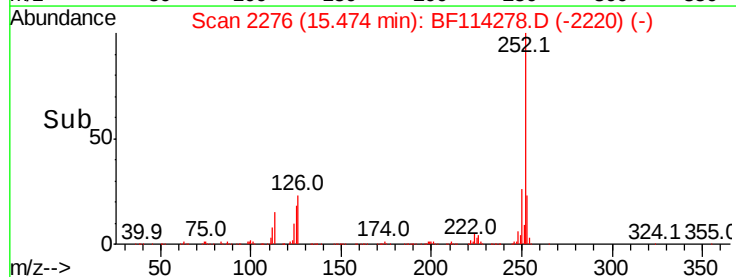
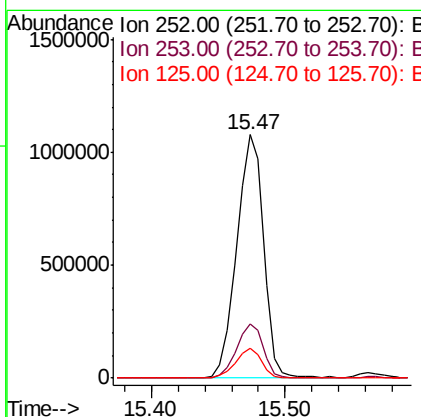
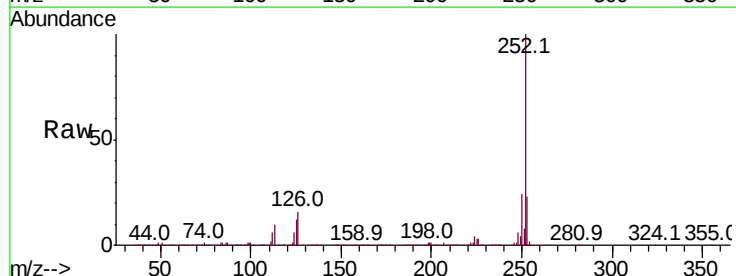
Manual Integrations
APPROVED

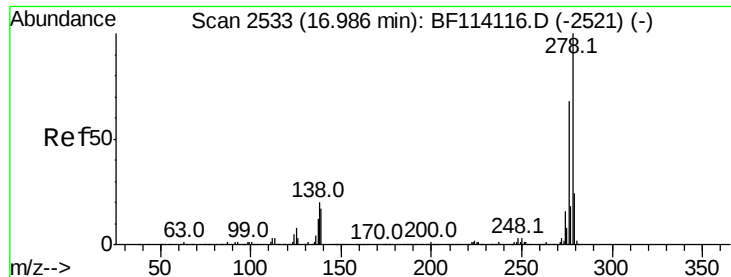
mohammad
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#90
Benzo(a)pyrene
Concen: 42.896 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.5	9.5	14.3





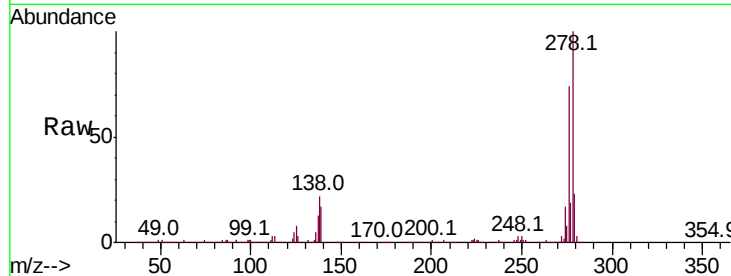
#91
Dibenzo(a,h)anthracene
Concen: 41.926 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.05 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

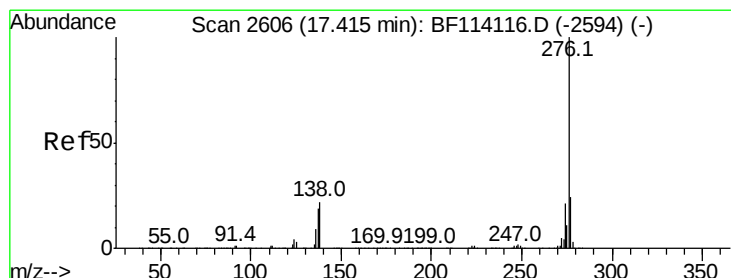
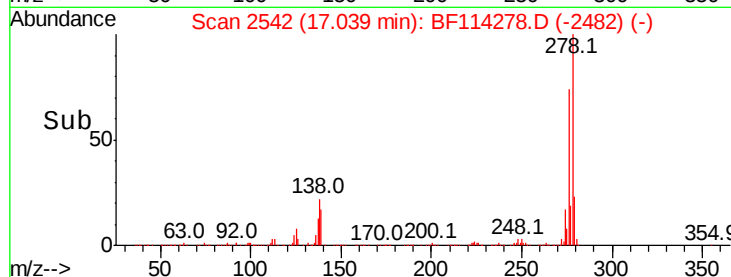
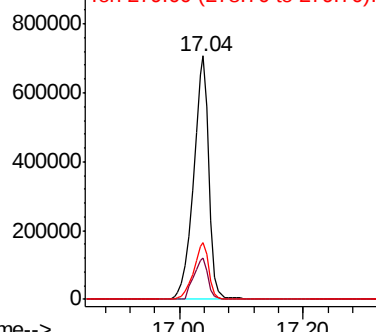
Tot Ion:278 Resp: 1215350
Ion Ratio Lower Upper
278 100
139 16.9 13.5 20.3
279 23.4 19.0 28.6

Manual Integrations
APPROVED

mohammad
5/16/2019 9:50:52 AM

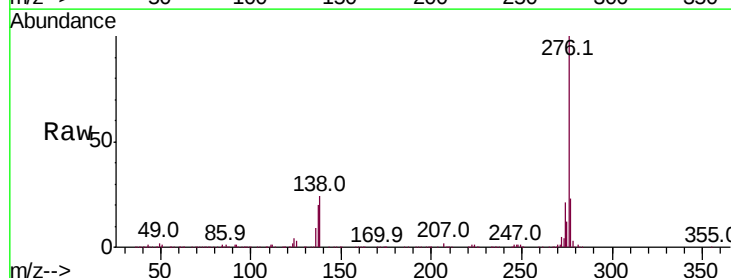


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.404 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.06 min
Lab File: BF114278.D
Acq: 15 May 2019 12:00

Tgt Ion:276 Resp: 1231841
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 23.9 17.8 26.6



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

