

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114637.D
 Acq On : 29 May 2019 16:35
 Operator : HP/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 5/30/2019 12:47:46 PM

Quant Time: May 29 19:17:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 16:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	319871	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1287747	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	630614	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1186522	20.00	ng	0.00
76) Chrysene-d12	13.82	240	578706	20.00	ng	0.00
87) Perylene-d12	15.20	264	747350	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2656928	133.67	ng	0.01
7) Phenol-d6	6.34	99	3144980	133.78	ng	0.01
23) Nitrobenzene-d5	7.27	82	3100052	135.10	ng	0.01
42) 2,4,6-Tribromophenol	10.51	330	863683	132.48	ng	0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	4797644	170.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	682385	62.458	ng	99
3) Pyridine	3.04	79	2009455	66.755	ng	100
4) n-Nitrosodimethylamine	3.00	42	820768	56.542	ng	97
6) Aniline	6.37	93	2424101	71.383	ng	100
8) 2-Chlorophenol	6.49	128	1543911	72.758	ng	98
9) Benzaldehyde	6.24	77	795300	48.323	ng	97
10) Phenol	6.36	94	1903349	68.824	ng	88
11) bis(2-Chloroethyl)ether	6.45	93	1499196	71.405	ng	97
12) 1,3-Dichlorobenzene	6.64	146	1744456	73.237	ng	97
13) 1,4-Dichlorobenzene	6.72	146	1731781	72.151	ng	97
14) 1,2-Dichlorobenzene	6.87	146	1509767	68.850	ng	98
15) Benzyl Alcohol	6.85	79	1215521	66.293	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2297757	56.443	ng	100
17) 2-Methylphenol	6.96	107	1353727	77.662	ng	98
18) Hexachloroethane	7.22	117	672172	74.607	ng	94
19) n-Nitroso-di-n-propylamine	7.13	70	1138046	76.373	ng	99
22) Acetophenone	7.12	105	1966893	68.947	ng	# 96
24) Nitrobenzene	7.29	77	1614988	69.102	ng	95
25) Isophorone	7.53	82	3151491	74.055	ng	98
26) 2-Nitrophenol	7.60	139	842003	74.259	ng	100
27) 2,4-Dimethylphenol	7.65	122	1328591	74.605	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	1968115	71.277	ng	99
29) 2,4-Dichlorophenol	7.84	162	1362736	76.848	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	1509432	74.855	ng	97
31) Naphthalene	8.00	128	3958003	65.799	ng	97
32) Benzoic acid	7.80	122	979692m	84.012	ng	
33) 4-Chloroaniline	8.05	127	2092336	76.332	ng	99
34) Hexachlorobutadiene	8.13	225	828679	72.226	ng	100
35) Caprolactam	8.45	113	466831m	80.735	ng	
36) 4-Chloro-3-methylphenol	8.54	107	1349006	75.576	ng	100
37) 2-Methylnaphthalene	8.69	142	2743185	70.682	ng	97
38) 1-Methylnaphthalene	8.79	142	2593673	70.966	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	1179401	61.740	ng	99
41) Hexachlorocyclopentadiene	8.85	237	800115	99.545	ng	99

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Manual Integrations
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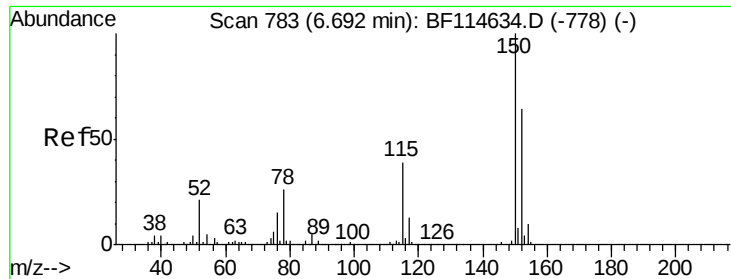
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,6-Trichlorophenol	8.97	196	993414	75.606	ng	100
44) 2,4,5-Trichlorophenol	9.00	196	996781	73.973	ng	98
46) 1,1'-Biphenyl	9.16	154	3080719	60.471	ng	97
47) 2-Chloronaphthalene	9.18	162	2689291	65.592	ng	97
48) 2-Nitroaniline	9.27	65	933362	64.190	ng	100
49) Acenaphthylene	9.59	152	3942734	63.227	ng	96
50) Dimethylphthalate	9.47	163	3073991	66.403	ng	98
51) 2,6-Dinitrotoluene	9.52	165	797546	77.675	ng	92
52) Acenaphthene	9.76	154	2605540	68.090	ng	99
53) 3-Nitroaniline	9.69	138	970663	76.155	ng	96
54) 2,4-Dinitrophenol	9.78	184	353929	85.944	ng	# 88
55) Dibenzofuran	9.93	168	3448979	61.467	ng	96
56) 4-Nitrophenol	9.84	139	723369	80.252	ng	92
57) 2,4-Dinitrotoluene	9.92	165	1022470	73.367	ng	96
58) Fluorene	10.27	166	2256281	52.059	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	801450	68.931	ng	99
60) Diethylphthalate	10.16	149	3133057	66.609	ng	97
61) 4-Chlorophenyl-phenylether	10.27	204	1122660	52.739	ng	99
62) 4-Nitroaniline	10.30	138	957100	71.460	ng	98
63) Azobenzene	10.43	77	2927166	64.292	ng	96
65) 4,6-Dinitro-2-methylphenol	10.33	198	465717	81.685	ng	78
66) n-Nitrosodiphenylamine	10.39	169	2544774	70.666	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	926221	70.898	ng	99
68) Hexachlorobenzene	10.82	284	1001525	69.298	ng	97
69) Atrazine	10.92	200	683015	60.948	ng	99
70) Pentachlorophenol	11.00	266	601482	87.794	ng	97
73) Carbazole	11.43	167	3695861	66.845	ng	97
74) Di-n-butylphthalate	11.77	149	4319189	67.807	ng	97
77) Benzidine	12.52	184	1756871m	67.631	ng	
78) Pyrene	12.63	202	4044591	86.879	ng	97
80) Butylbenzylphthalate	13.26	149	2074845	105.886	ng	98
81) Benzo(a)anthracene	13.81	228	3615404	96.590	ng	98
82) 3,3'-Dichlorobenzidine	13.78	252	1367365	94.169	ng	99
83) Chrysene	13.85	228	3471961	94.624	ng	98
84) Bis(2-ethylhexyl)phthalate	13.83	149	2336038	91.153	ng	# 99
85) Di-n-octyl phthalate	14.43	149	4082209	98.262	ng	98
86) Indeno(1,2,3-cd)pyrene	16.53	276	3234763	99.752	ng	100
88) Benzo(b)fluoranthene	14.82	252	3891608	81.279	ng	99
89) Benzo(k)fluoranthene	14.86	252	2796969	63.593	ng	99
90) Benzo(a)pyrene	15.16	252	3111778	73.848	ng	97
91) Dibenzo(a,h)anthracene	16.56	278	2595591	74.129	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2580431	73.538	ng	99

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



#1

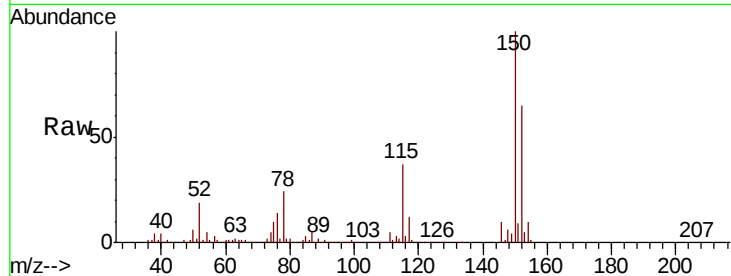
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.4	186.6
115	56.6	48.7	73.1

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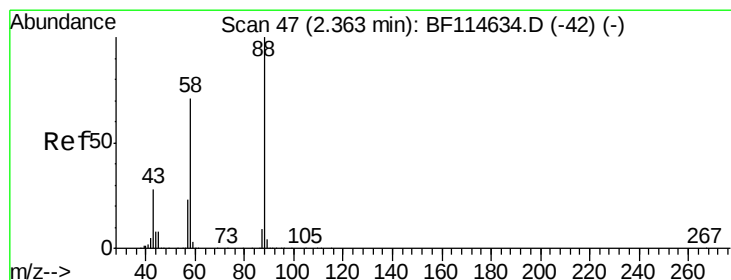
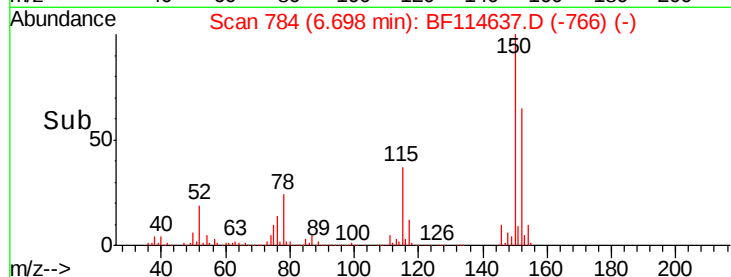
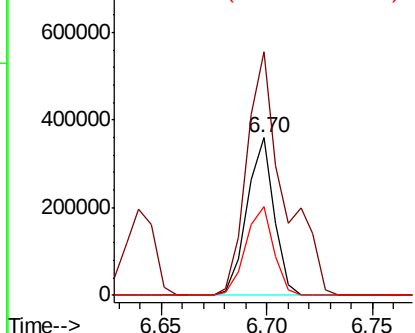


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

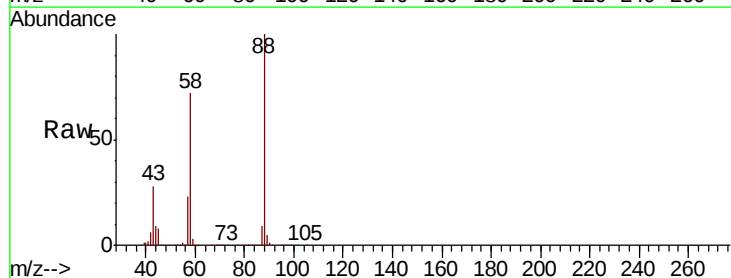
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 62.458 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.3	57.2	85.8
43	27.5	22.6	33.8

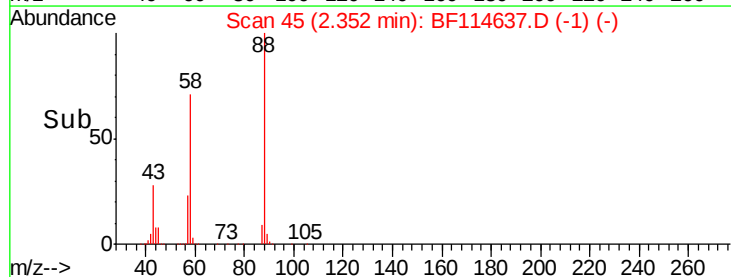
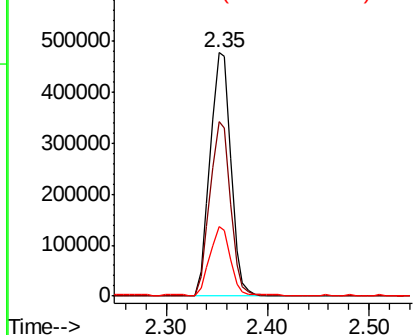


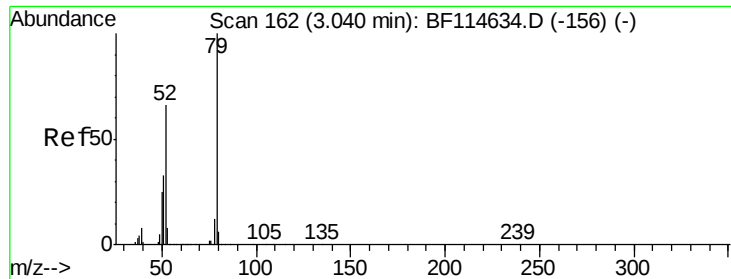
Abundance

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: 66.755 ng

RT: 3.04 min Scan# 162

Delta R.T. 0.00 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 2009455

Ion Ratio Lower Upper

79 100

52 66.1 52.8 79.2

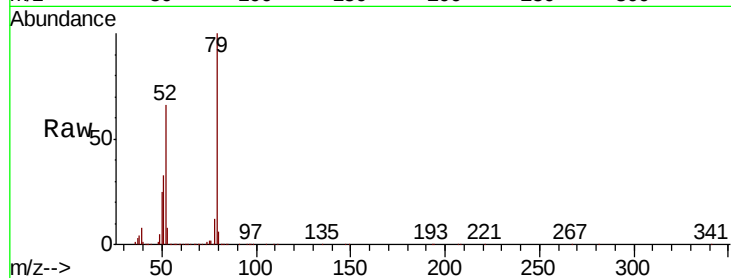
51 33.2 26.3 39.5

Manual Integrations

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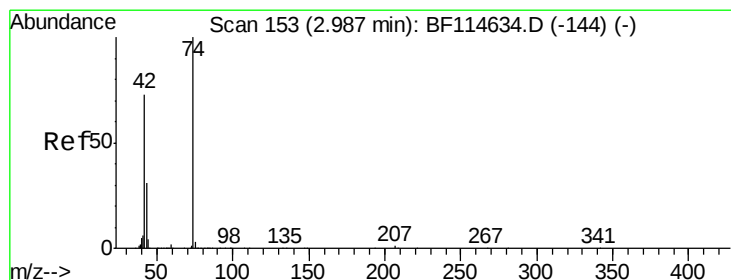
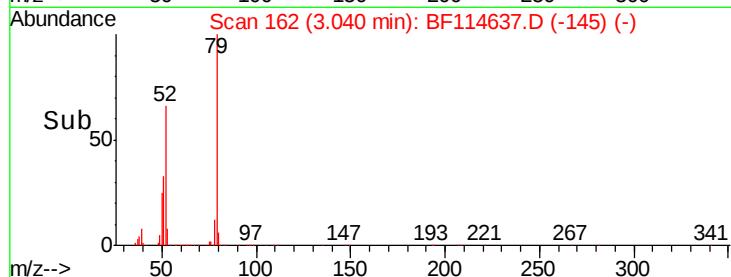
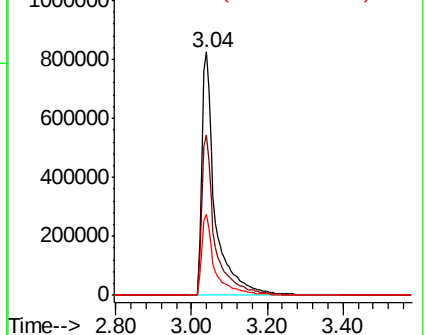
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 56.542 ng

RT: 3.00 min Scan# 156

Delta R.T. 0.02 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

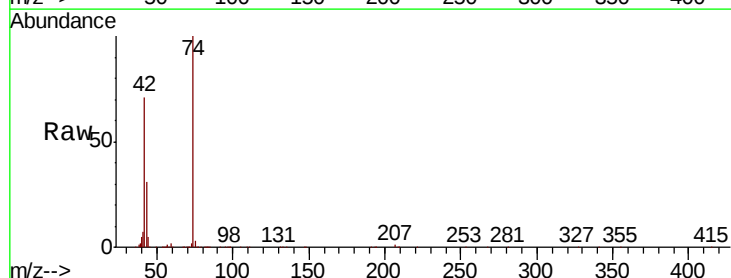
Tgt Ion: 42 Resp: 820768

Ion Ratio Lower Upper

42 100

74 141.3 110.0 165.0

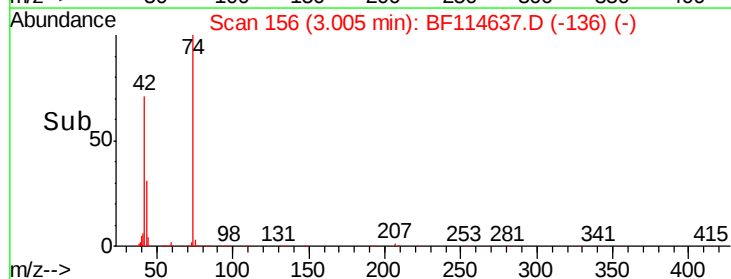
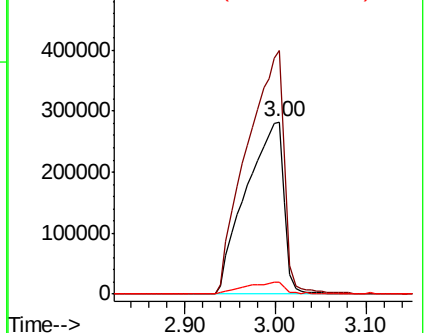
44 6.7 5.6 8.4

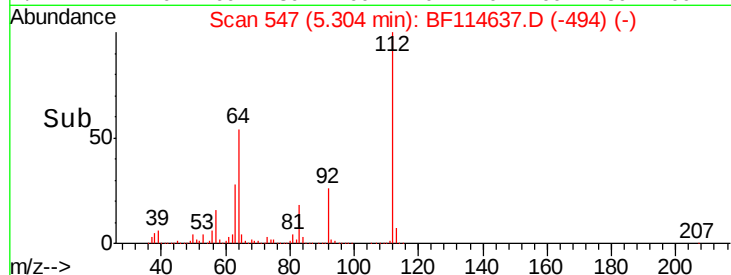
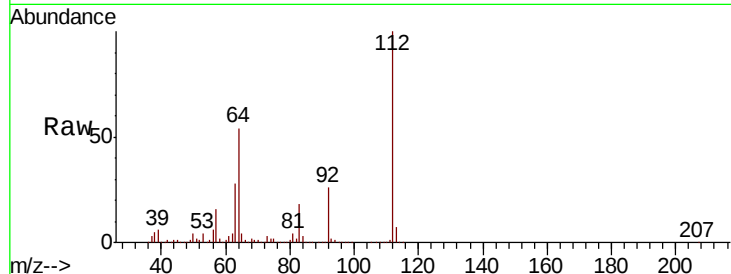


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 133.669 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tot Ion:	112	Resp:	2656928
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	28.4	23.4	35.2

Instrument :

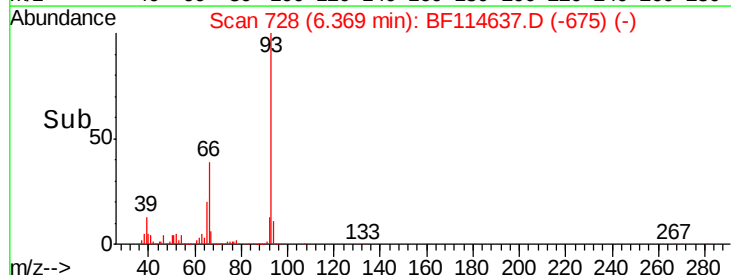
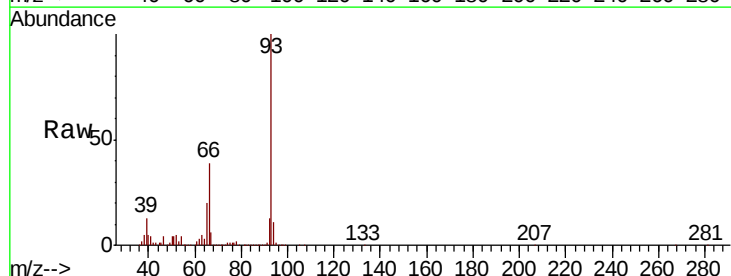
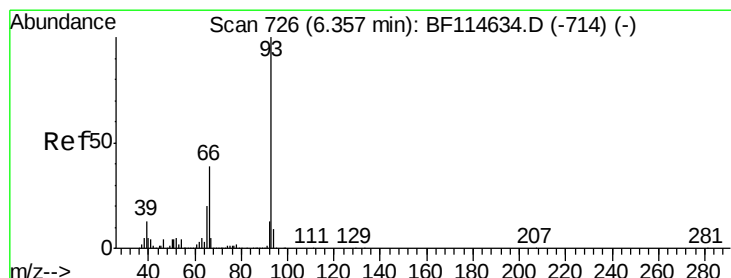
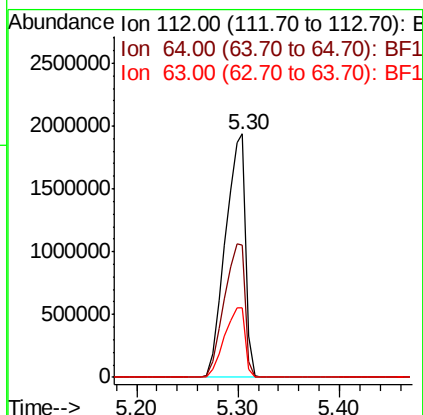
BNA_F

ClientSampled :

SSTDICC080

Manual Integrations
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#6

Aniline

Concen: 71.383 ng

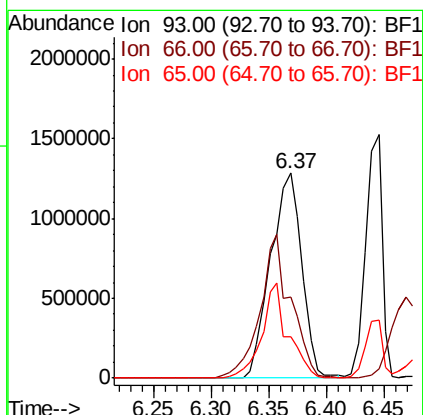
RT: 6.37 min Scan# 728

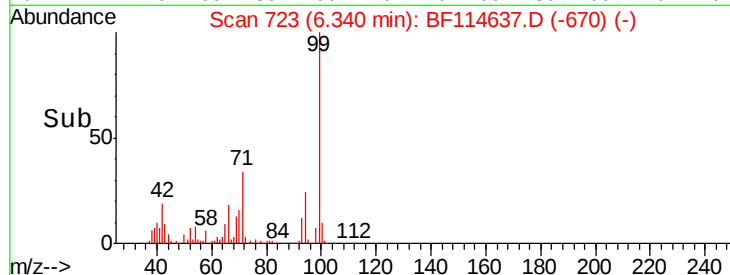
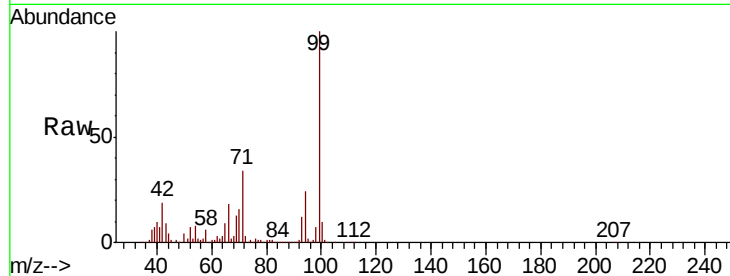
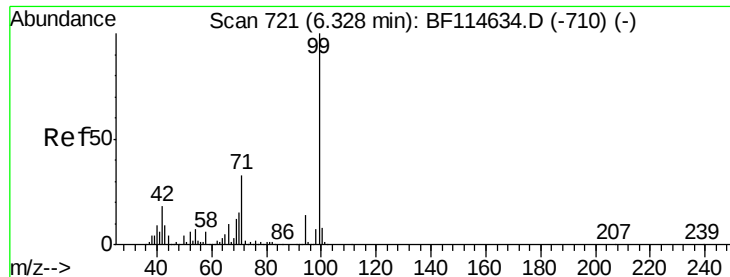
Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	93	Resp:	2424101
Ion	Ratio	Lower	Upper
93	100		
66	39.3	31.4	47.2
65	19.9	16.2	24.2





#7

Phenol-d6

Concen: 133.778 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tot Ion:	99	Resp:	3144980
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.7	22.1
71	34.5	26.6	40.0

Instrument :

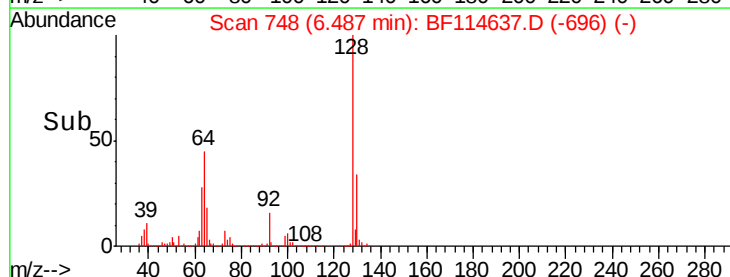
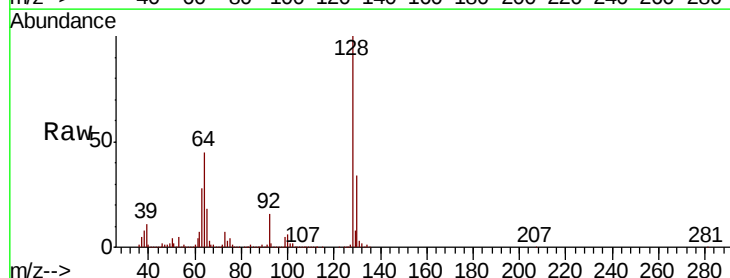
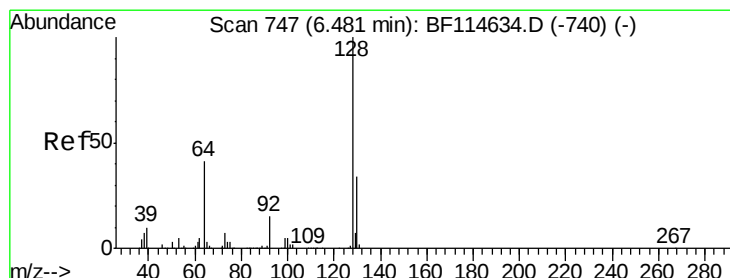
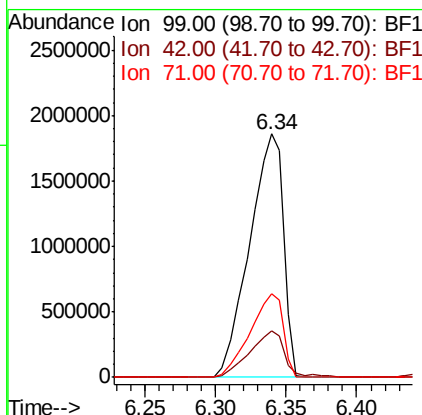
BNA_F

ClientSampleId :

SSTDIC080

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#8

2-Chlorophenol

Concen: 72.758 ng

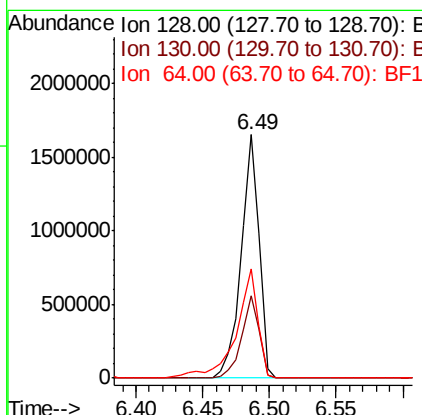
RT: 6.49 min Scan# 748

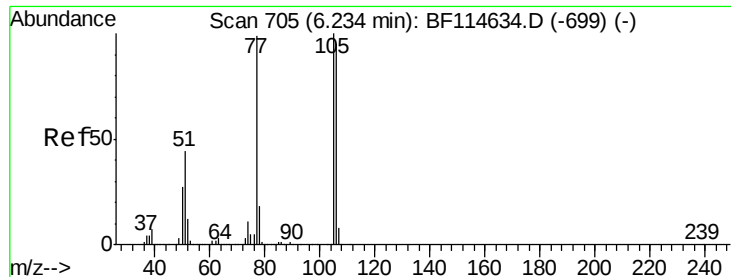
Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	128	Resp:	1543911
Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.9	53.9
64	44.6	22.0	62.0





#9

Benzaldehyde

Concen: 48.323 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

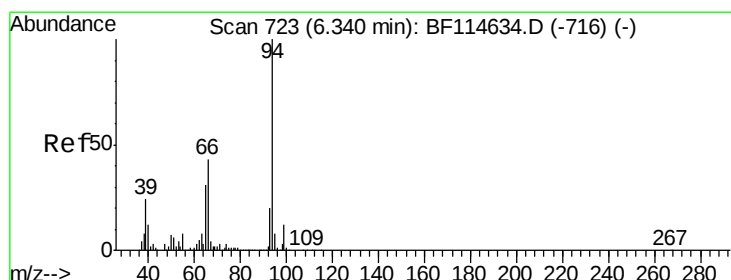
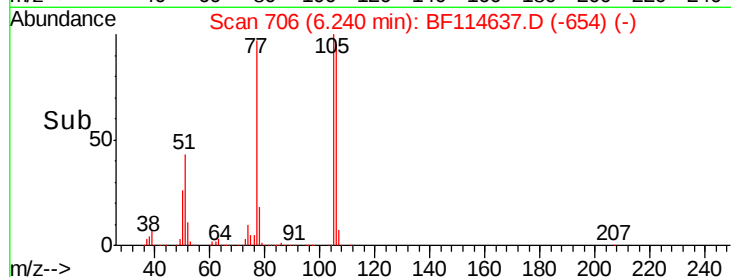
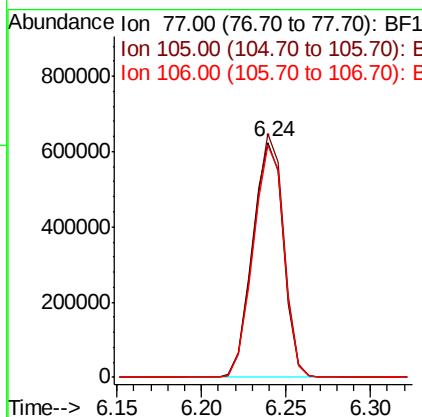
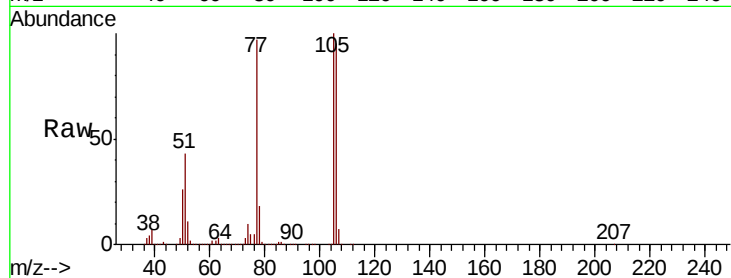
ClientSampleId :

SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.5	80.8	120.8		
106	98.6	76.2	116.2		

Manual Integrations
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#10

Phenol

Concen: 68.824 ng

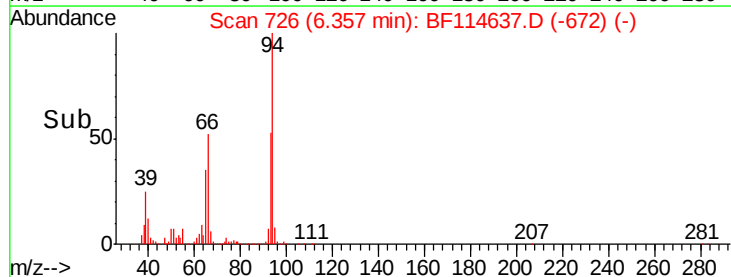
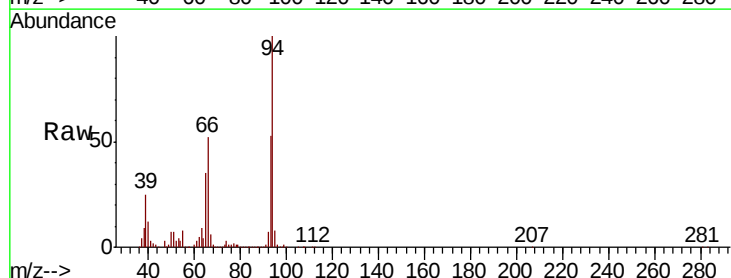
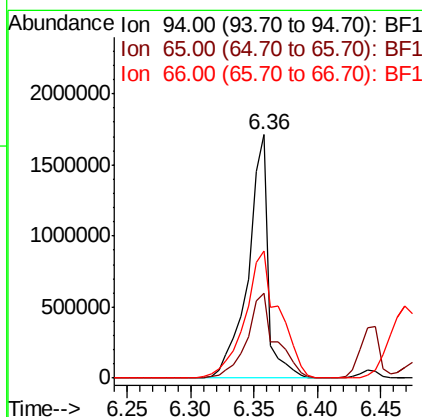
RT: 6.36 min Scan# 726

Delta R.T. 0.02 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.0	11.0	51.0		
66	52.5	23.0	63.0		





#11

bis(2-Chloroethyl)ether

Concen: 71.405 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 93 Resp: 1499196

Ion Ratio Lower Upper

93 100

63 72.0 55.0 95.0

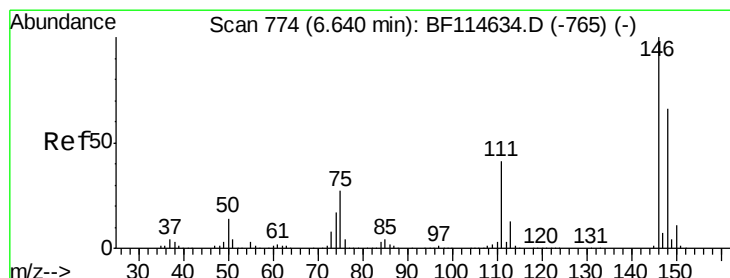
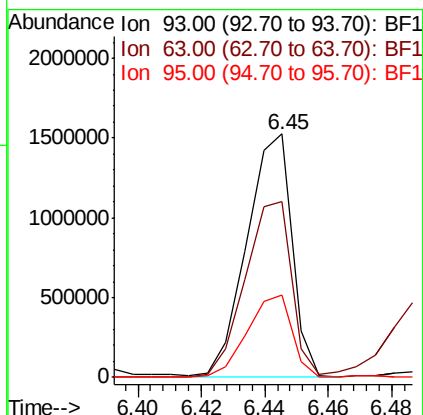
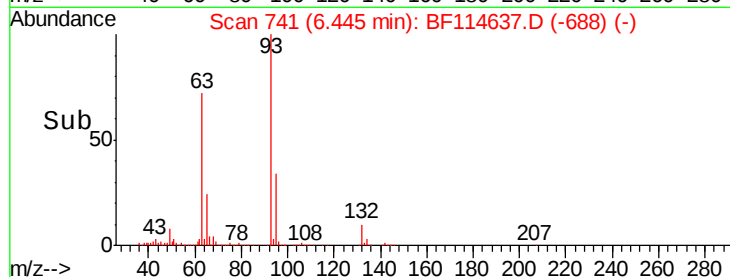
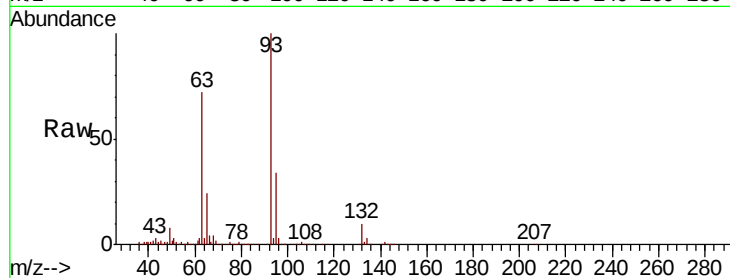
95 33.6 13.5 53.5

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#12

1,3-Dichlorobenzene

Concen: 73.237 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

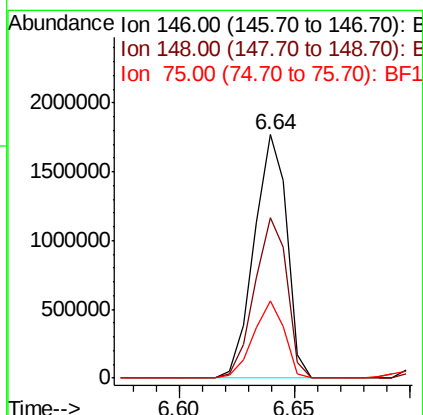
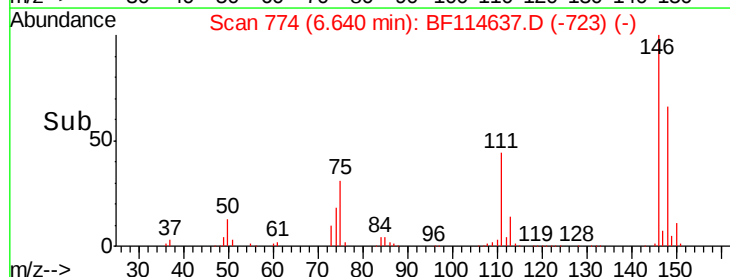
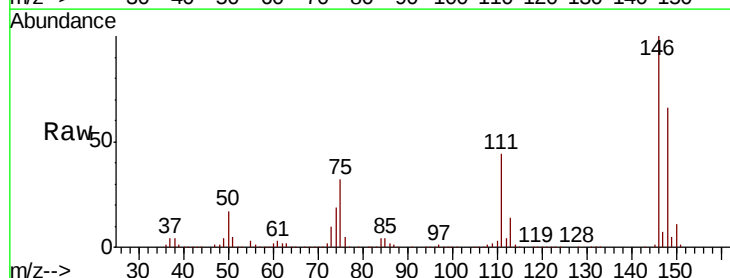
Tgt Ion: 146 Resp: 1744456

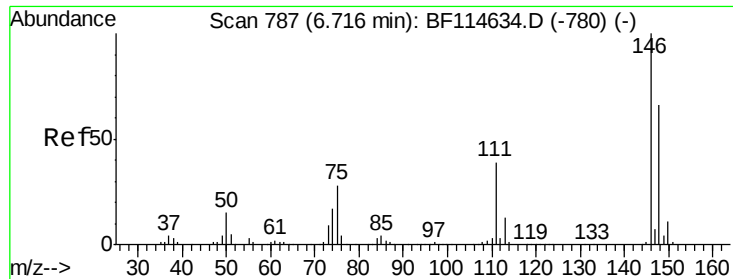
Ion Ratio Lower Upper

146 100

148 65.9 52.9 79.3

75 31.9 22.0 33.0





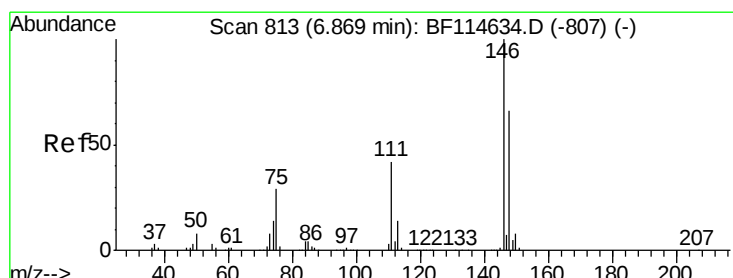
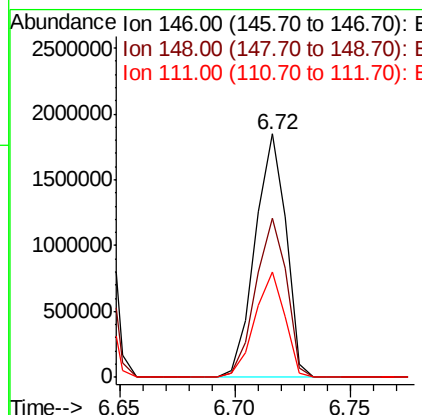
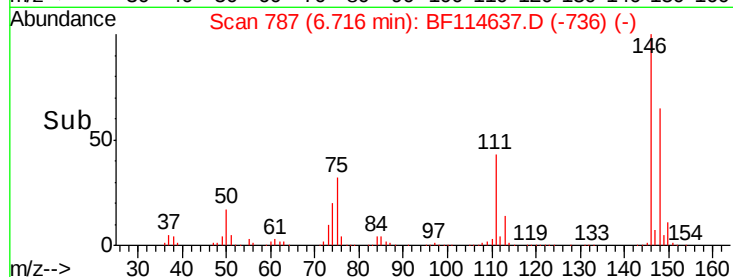
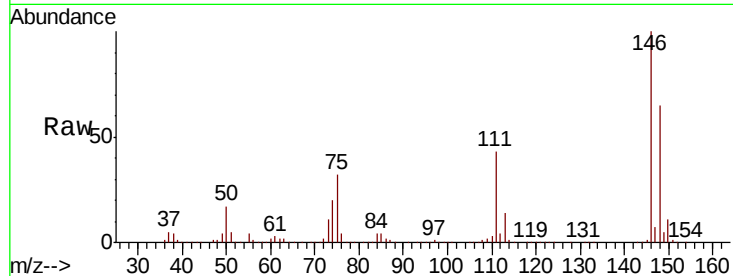
#13
1,4-Dichlorobenzene
Concen: 72.151 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion:146 Resp: 1731781
Ion Ratio Lower Upper
146 100
148 65.5 52.5 78.7
111 43.3 31.4 47.2

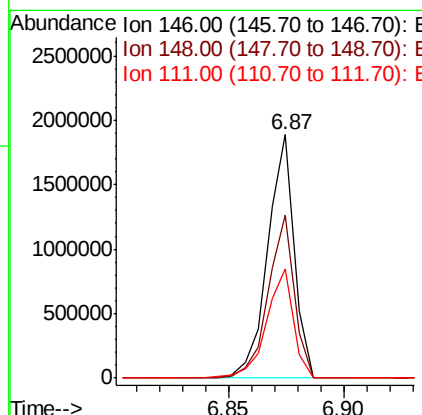
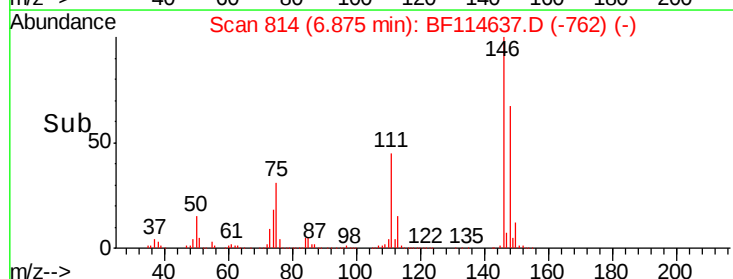
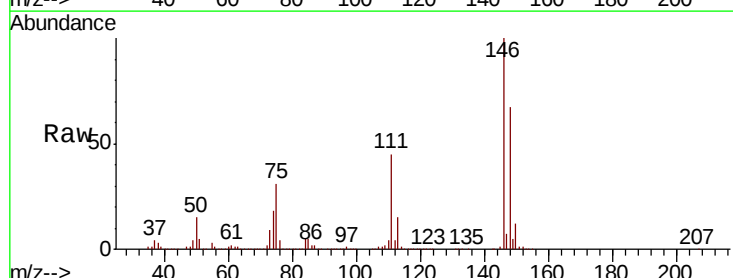
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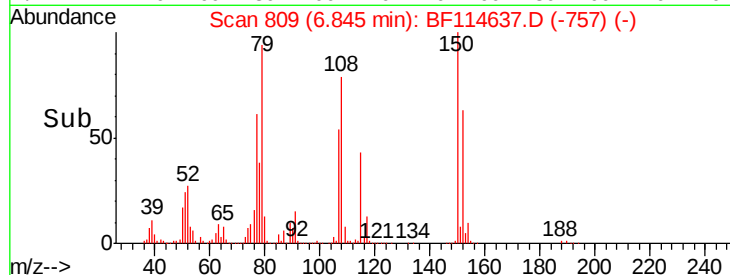
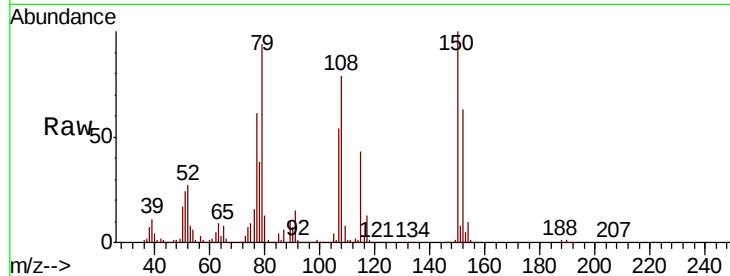
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#14
1,2-Dichlorobenzene
Concen: 68.850 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion:146 Resp: 1509767
Ion Ratio Lower Upper
146 100
148 66.8 52.6 79.0
111 44.6 34.1 51.1





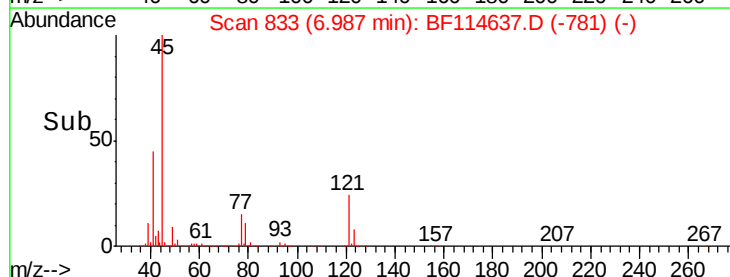
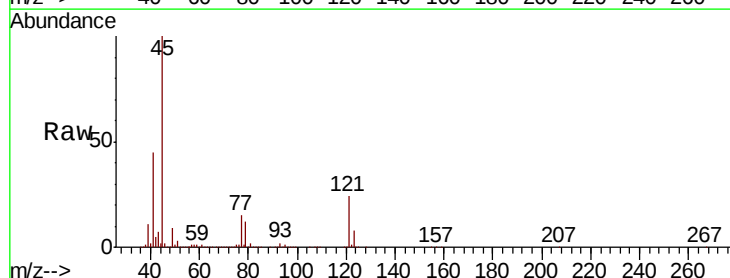
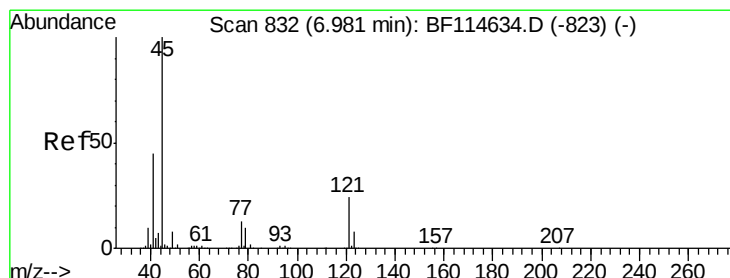
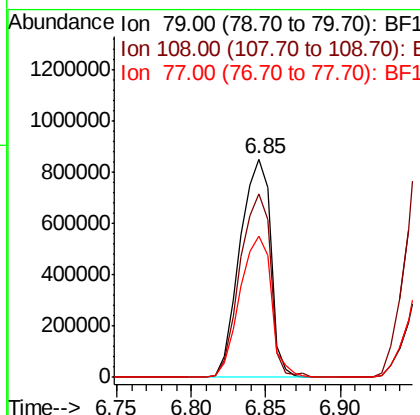
#15
Benzyl Alcohol
Concen: 66.293 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tot Ion: 79 Resp: 1215521
Ion Ratio Lower Upper
79 100
108 84.0 67.8 101.8
77 64.8 50.7 76.1

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

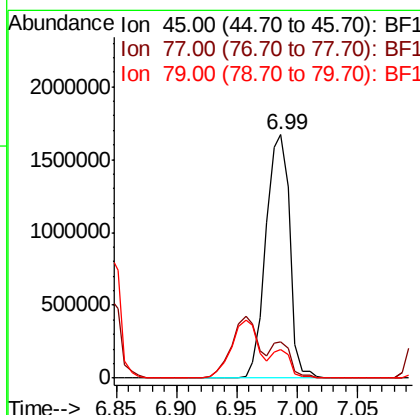
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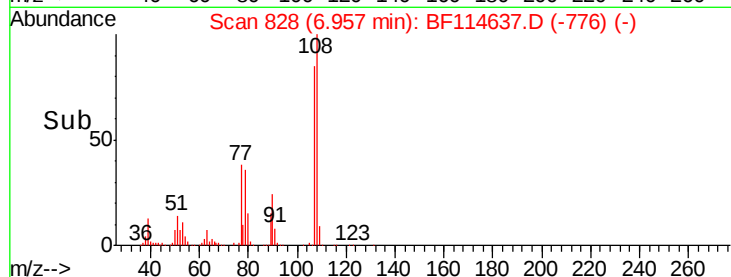
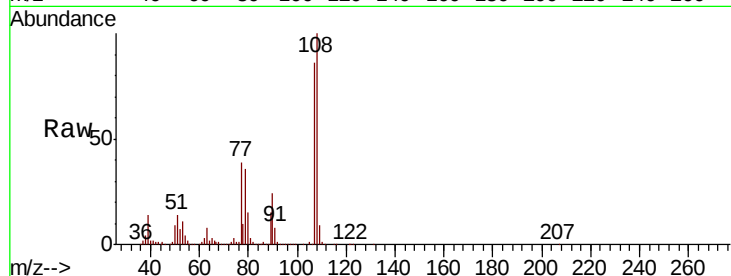
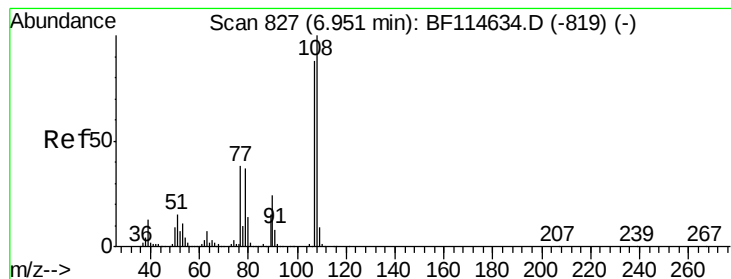
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.443 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion: 45 Resp: 2297757
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.7
79 11.5 0.0 31.3





#17

2-Methylphenol

Concen: 77.662 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tot Ion:	107	Resp:	1353727
Ion	Ratio	Lower	Upper
107	100		
108	117.0	91.1	136.7
77	45.0	34.9	52.3
79	42.5	33.8	50.6

Instrument :

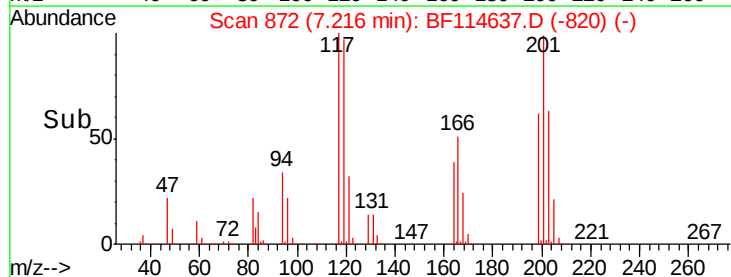
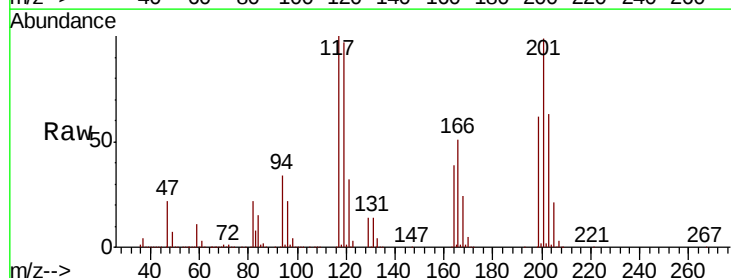
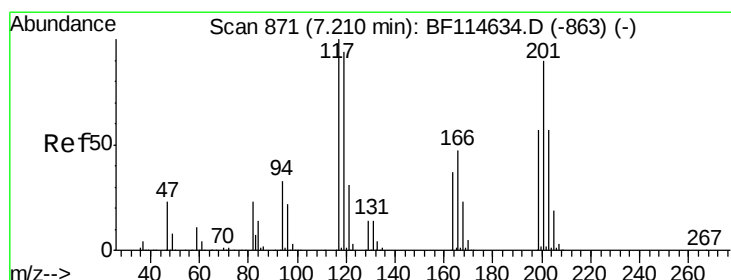
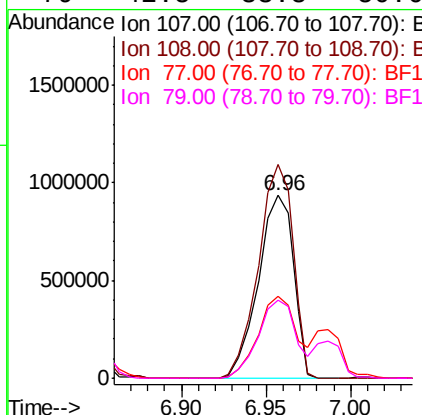
BNA_F

ClientSampleId :

SSTDIC080

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#18

Hexachloroethane

Concen: 74.607 ng

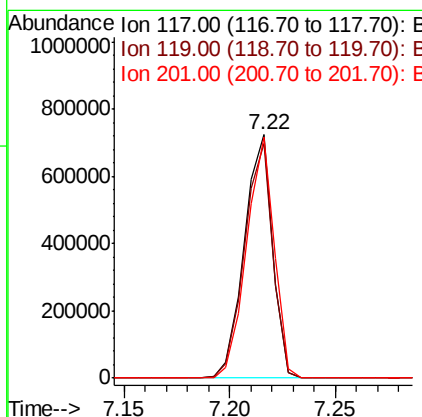
RT: 7.22 min Scan# 872

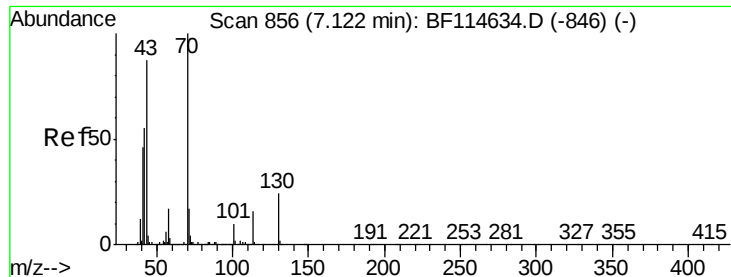
Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	117	Resp:	672172
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.6	113.4
201	99.0	71.7	107.5





#19

n-Nitroso-di-n-propylamine

Concen: 76.373 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 70 Resp: 1138046

Ion Ratio Lower Upper

70 100

42 56.3 44.4 66.6

101 9.7 8.2 12.4

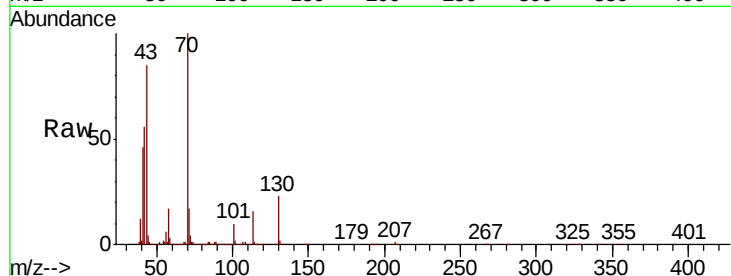
130 23.4 19.4 29.0

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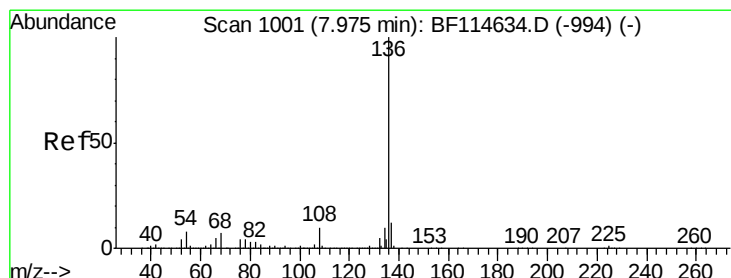
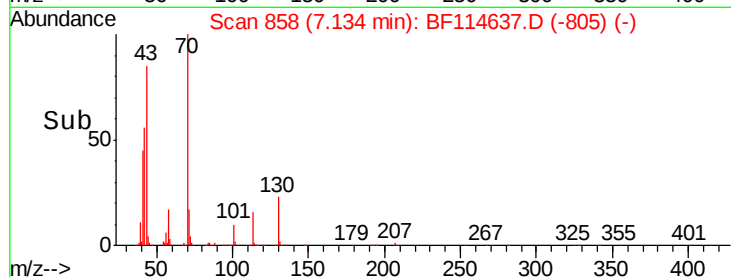
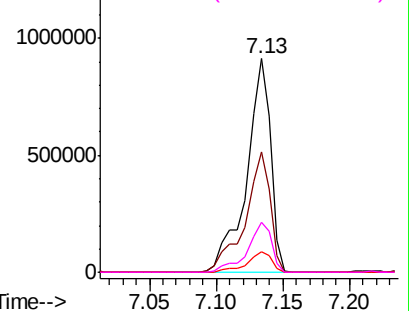


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion: 136 Resp: 1287747

Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 7.1 6.3 9.5

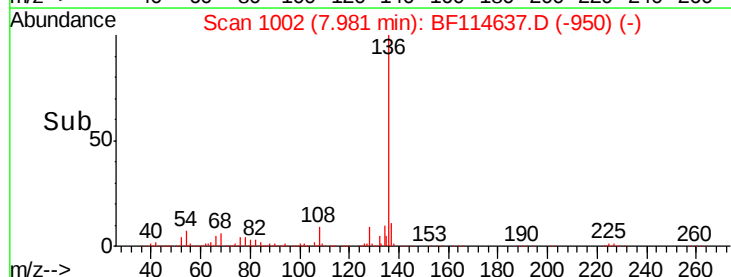
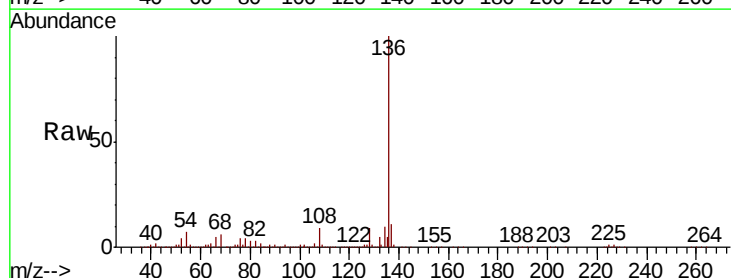
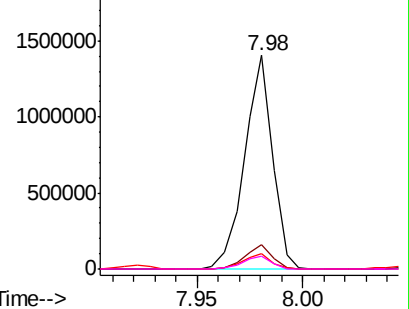
68 6.0 5.4 8.0

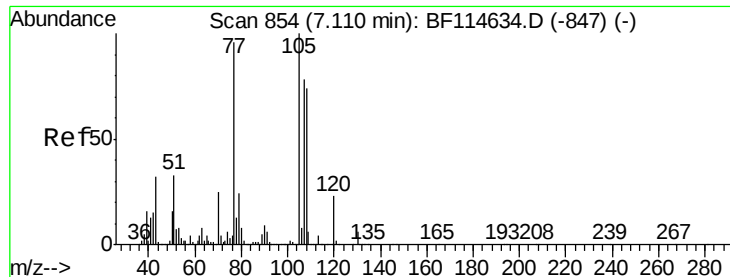
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 68.947 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:105 Resp: 1966893

Ion Ratio Lower Upper

105 100

71 2.2 3.6 5.4#

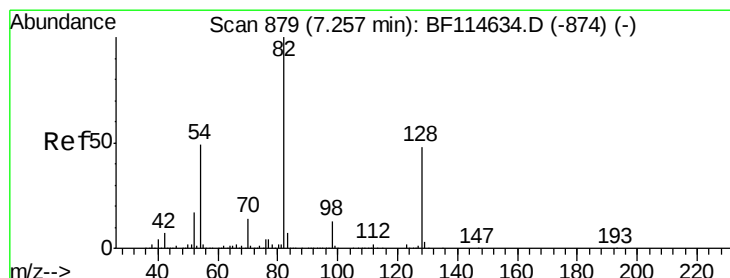
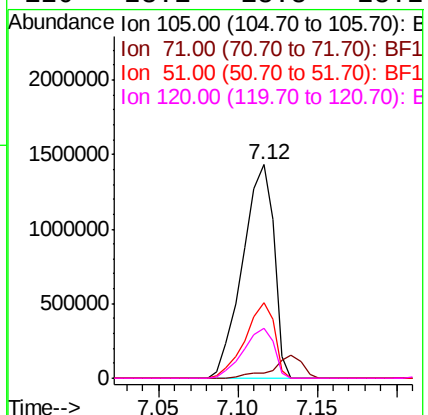
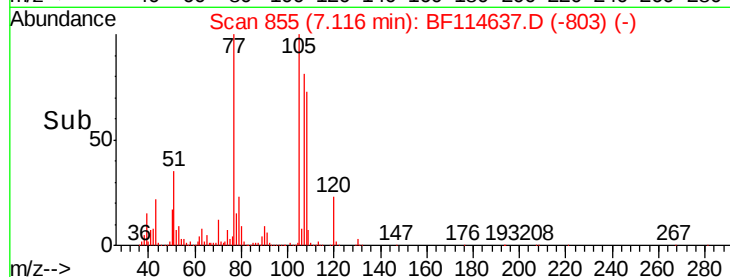
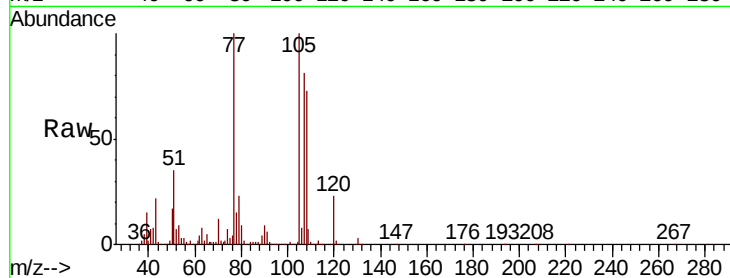
51 35.4 26.0 39.0

120 23.1 18.8 28.2

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#23

Nitrobenzene-d5

Concen: 135.100 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

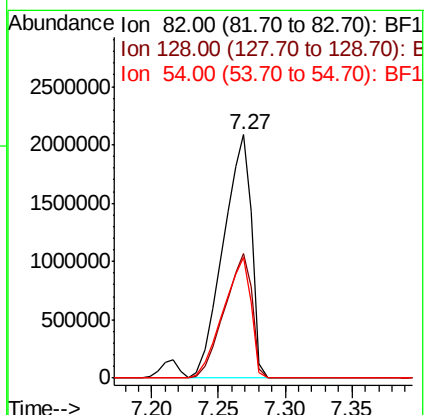
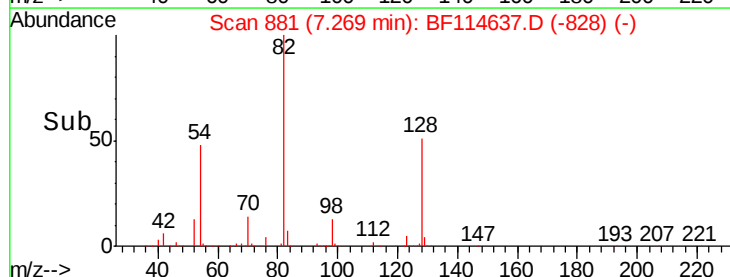
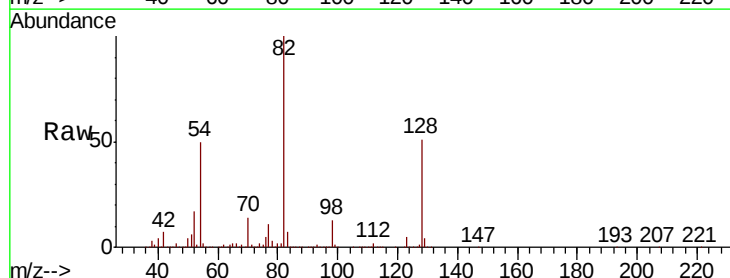
Tgt Ion: 82 Resp: 3100052

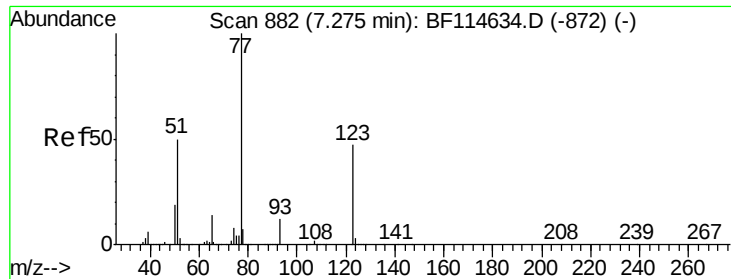
Ion Ratio Lower Upper

82 100

128 51.1 38.5 57.7

54 49.7 39.1 58.7





#24

Nitrobenzene

Concen: 69.102 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampled :

SSTDICC080

Tot Ion: 77 Resp: 1614988

Ion Ratio Lower Upper

77 100

123 51.9 38.5 57.7

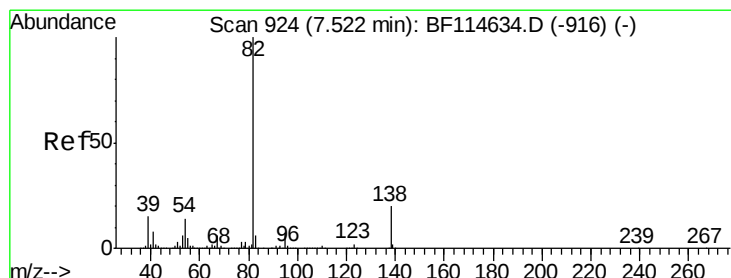
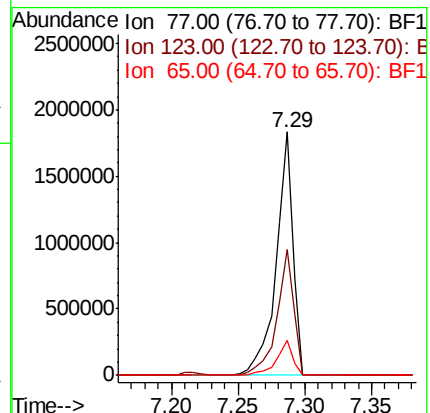
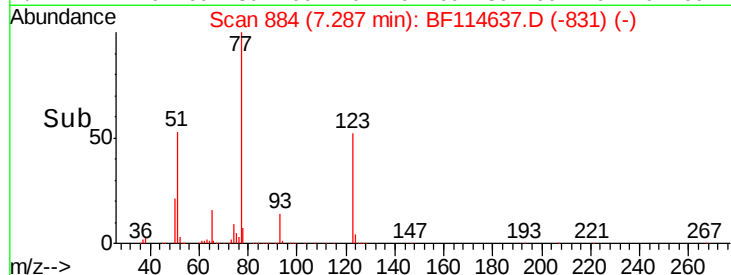
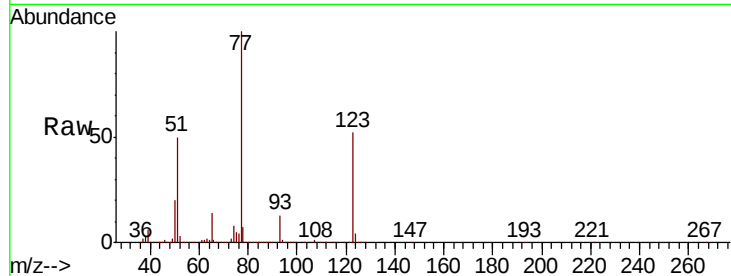
65 14.3 11.2 16.8

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#25

Isophorone

Concen: 74.055 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

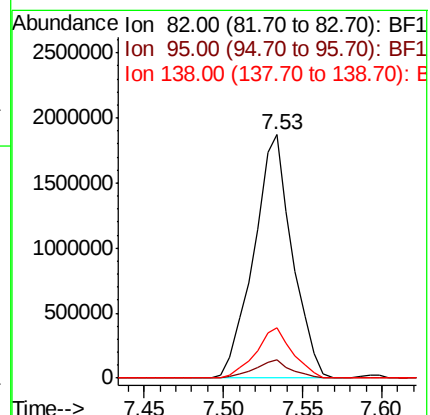
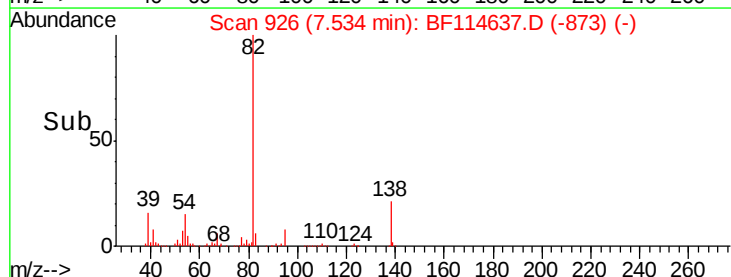
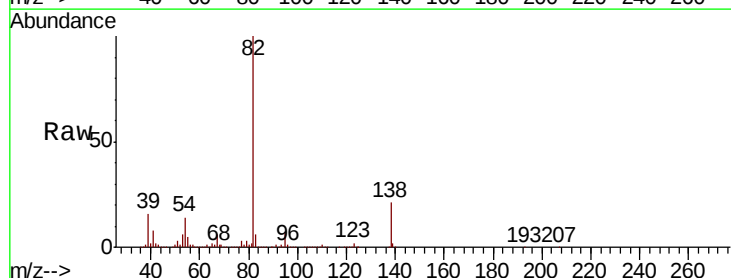
Tgt Ion: 82 Resp: 3151491

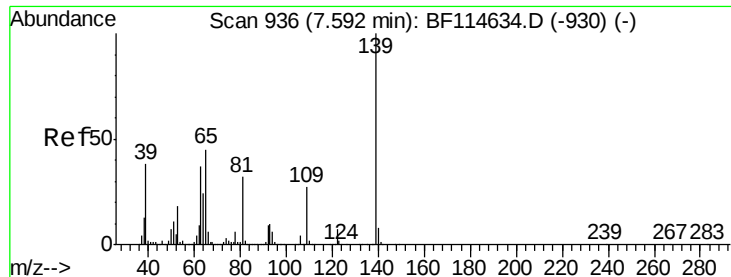
Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

138 20.9 15.9 23.9





#26

2-Nitrophenol

Concen: 74.259 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

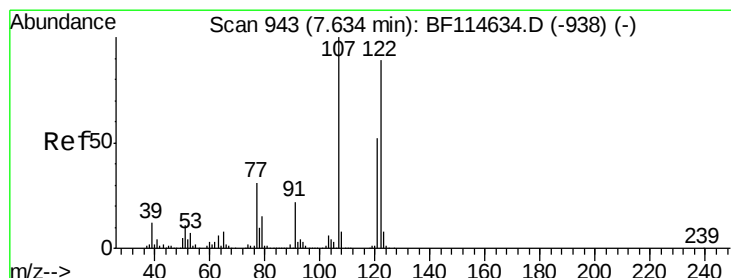
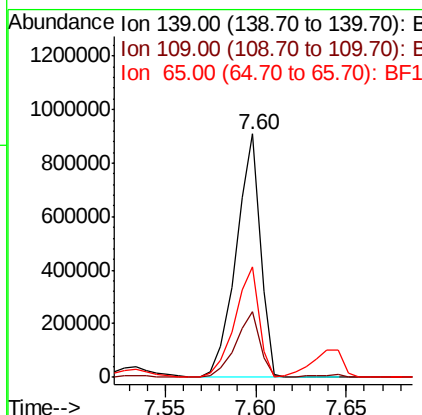
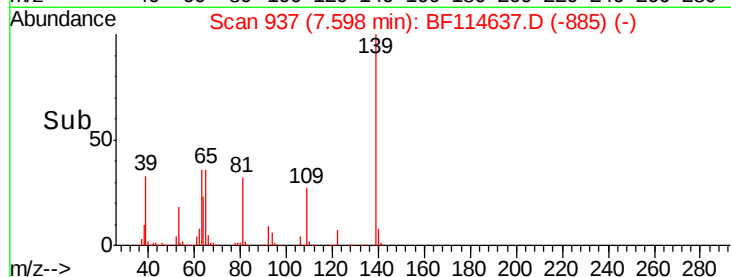
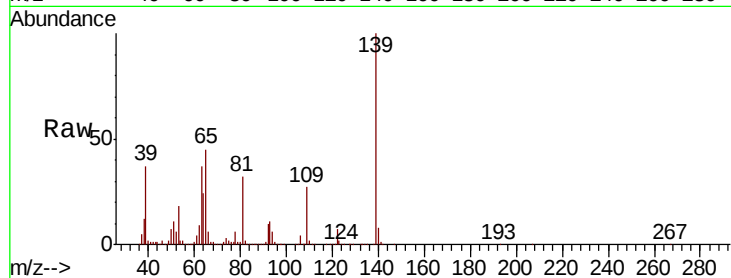
ClientSampleId :

SSTDIC080

Tot Ion:	139	Resp:	842003
Ion Ratio	Lower	Upper	
139	100		
109	27.2	21.7	32.5
65	45.3	36.3	54.5

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#27

2,4-Dimethylphenol

Concen: 74.605 ng

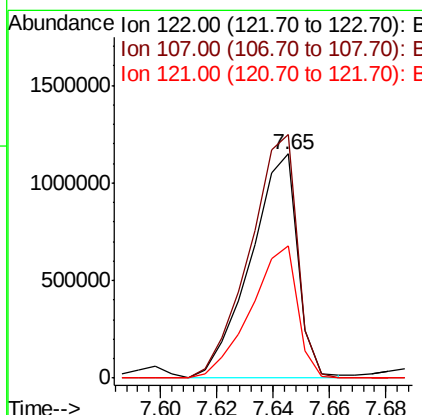
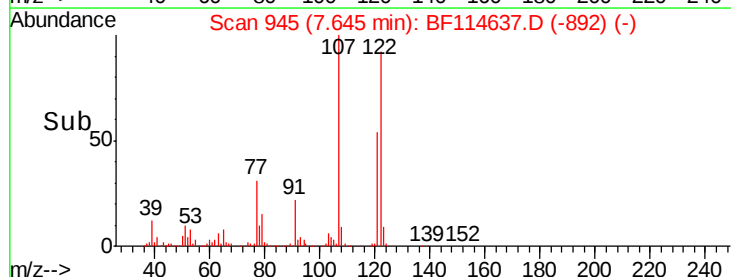
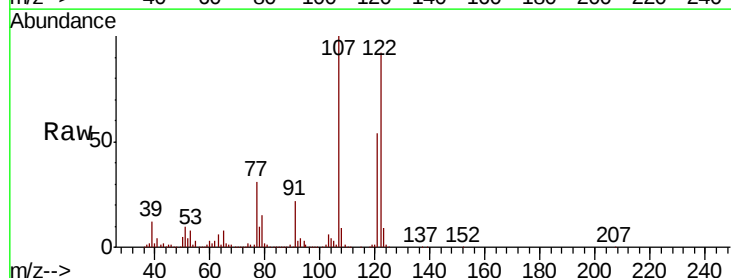
RT: 7.65 min Scan# 945

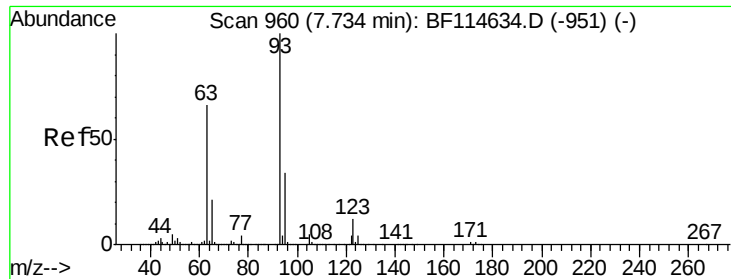
Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	122	Resp:	1328591
Ion Ratio	Lower	Upper	
122	100		
107	108.6	89.3	133.9
121	59.1	46.8	70.2





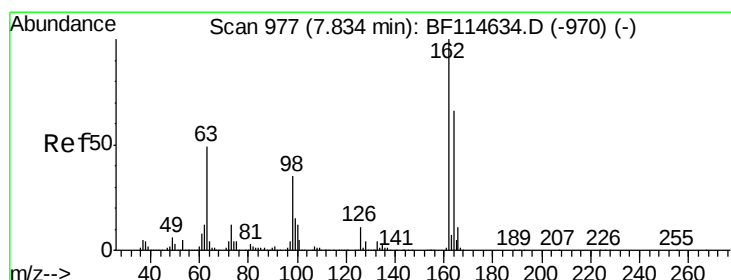
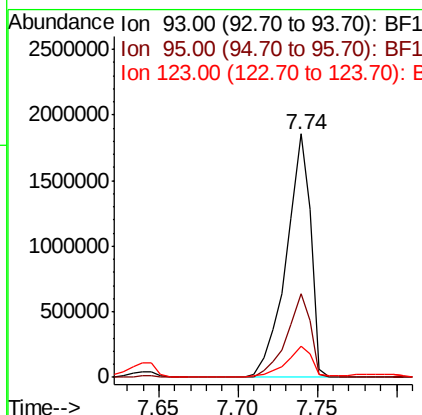
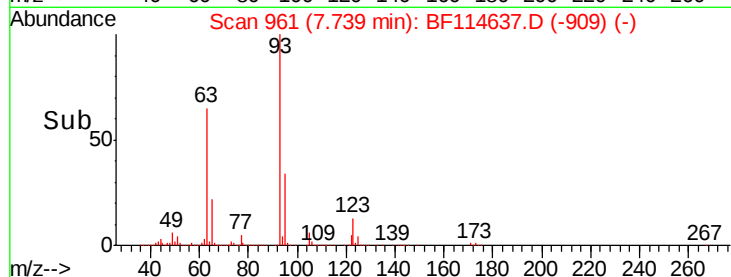
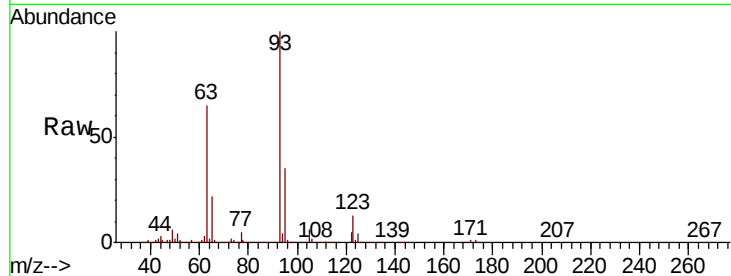
#28
bis(2-Chloroethoxy)methane
Concen: 71.277 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
93	100		
95	34.5	27.0	40.4
123	12.7	10.2	15.2

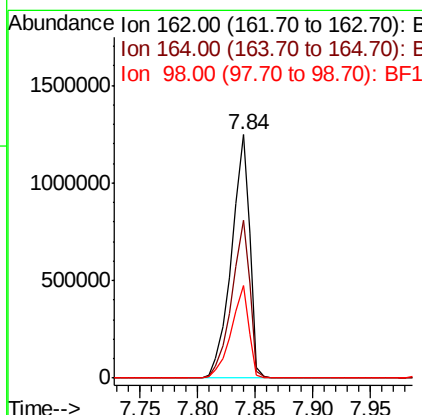
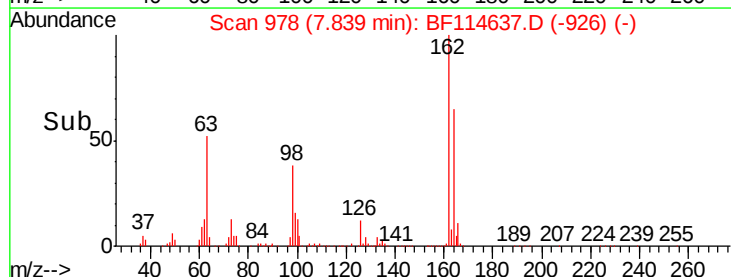
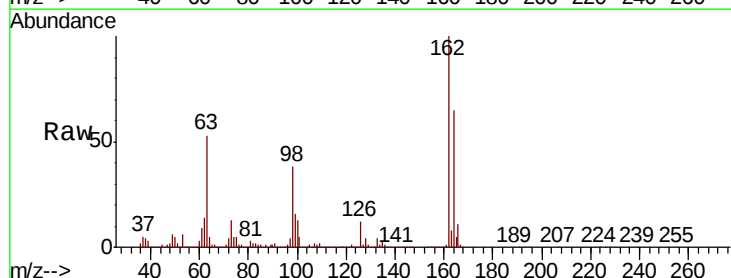
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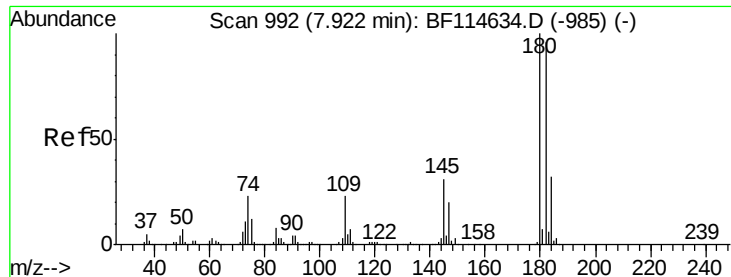
mohammad
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#29
2,4-Dichlorophenol
Concen: 76.848 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.8	85.8
98	38.0	14.9	54.9





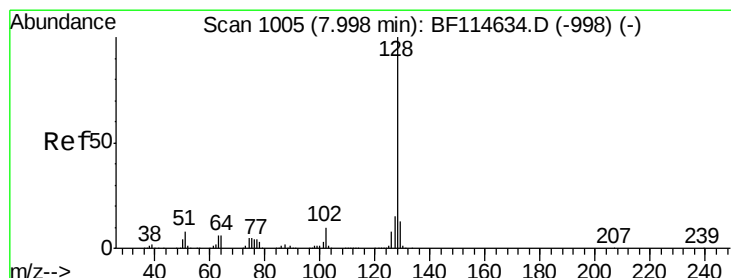
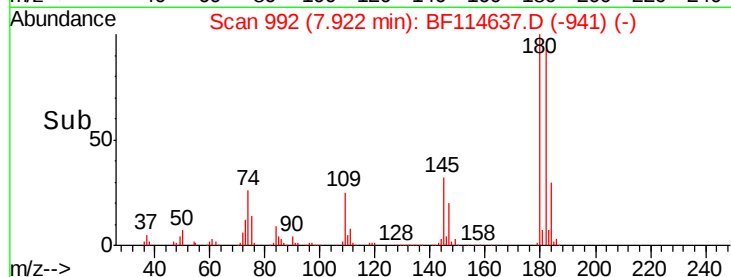
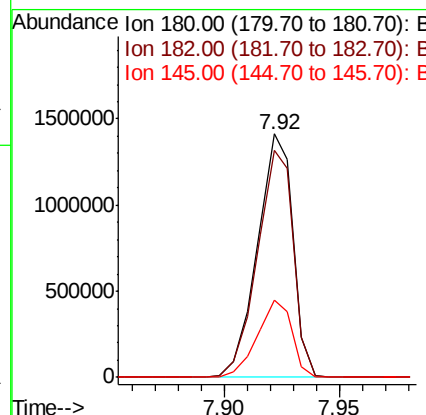
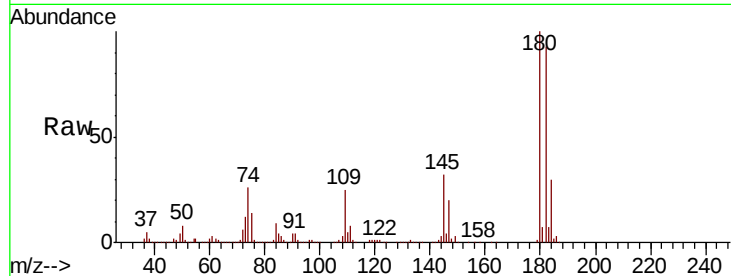
#30
 1,2,4-Trichlorobenzene
 Concen: 74.855 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.9	115.3
145	31.7	24.5	36.7

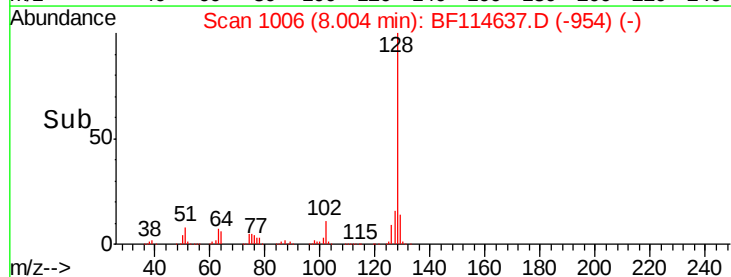
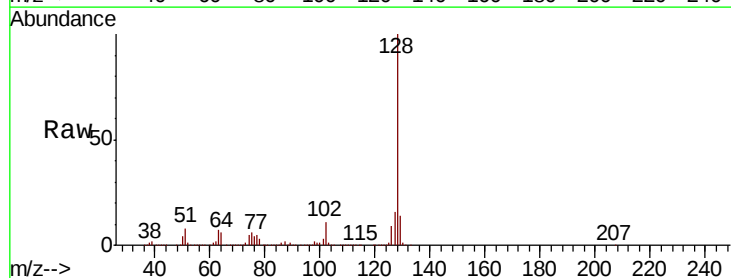
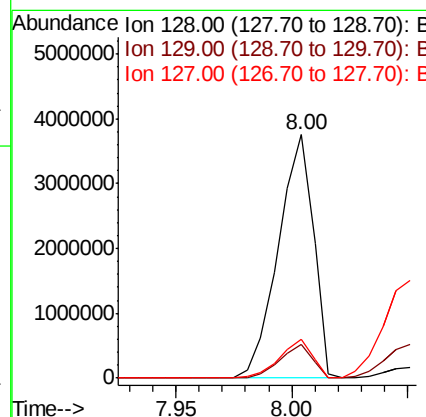
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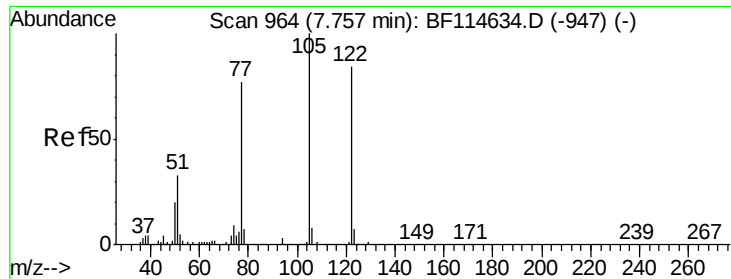
mohammad
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#31
 Naphthalene
 Concen: 65.799 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.2	15.2
127	16.1	11.9	17.9





#32

Benzoic acid

Concen: 84.012 ng/mL

RT: 7.80 min Scan# 971

Delta R.T. 0.04 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

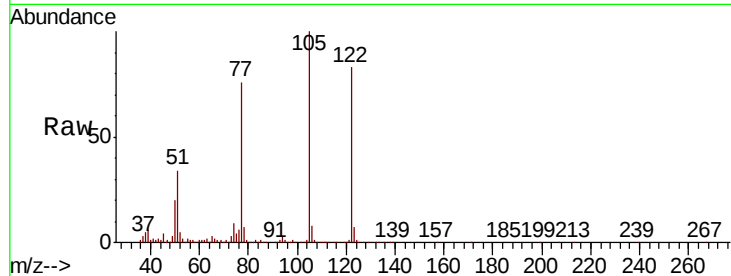
ClientSampleId :

SSTDIC080

Tot Ion:	122	Resp:	979692
Ion Ratio	Lower	Upper	
122	100		
105	119.9	98.3	138.3
77	90.8	70.7	110.7

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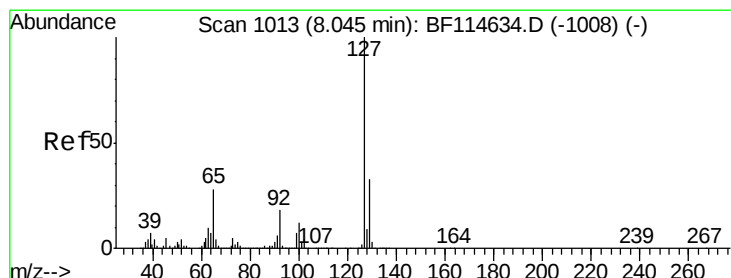
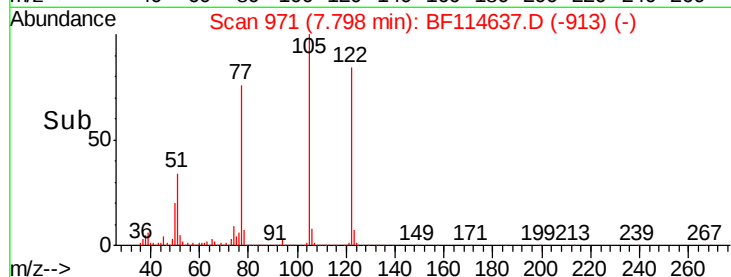
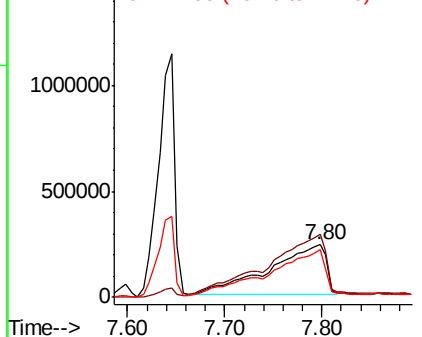


Abundance

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: 76.332 ng/mL

RT: 8.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	127	Resp:	2092336
Ion Ratio	Lower	Upper	
127	100		
129	34.0	26.7	40.1
65	28.6	22.5	33.7
92	18.4	14.6	22.0

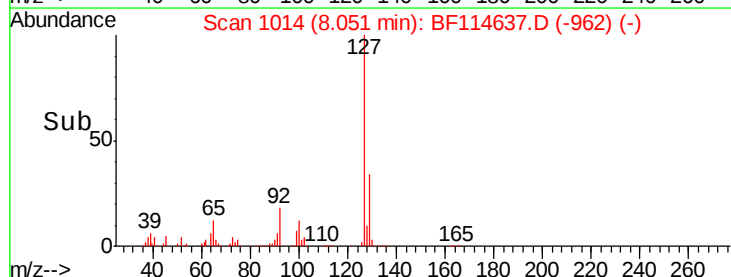
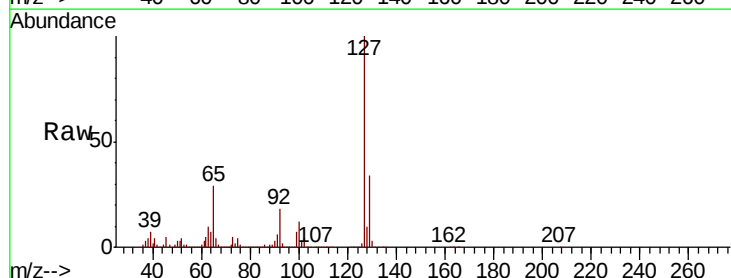
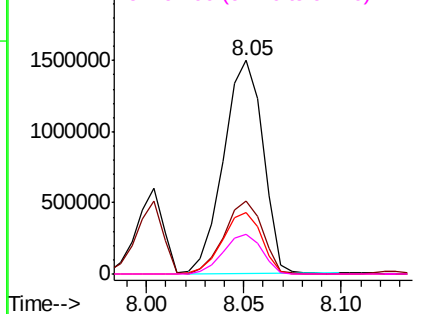
Abundance

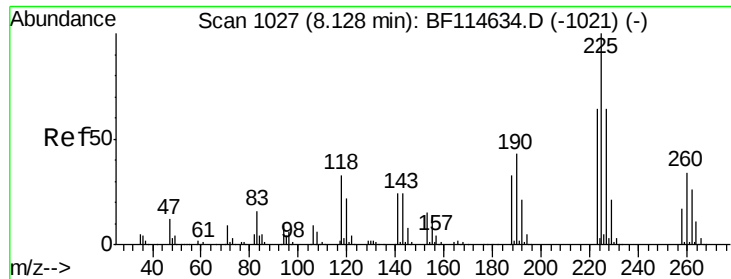
Ion 127.00 (126.70 to 127.70): E

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





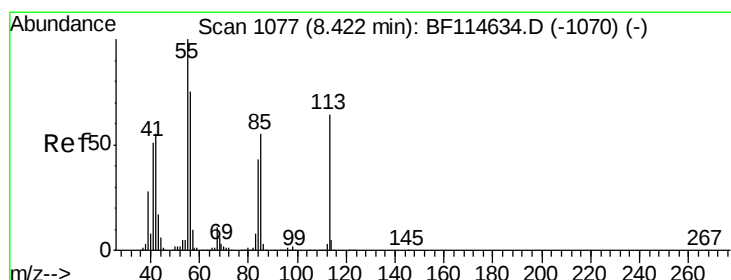
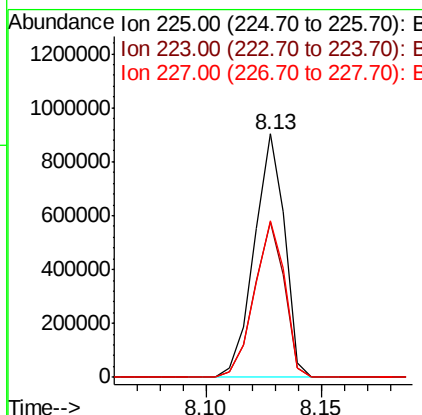
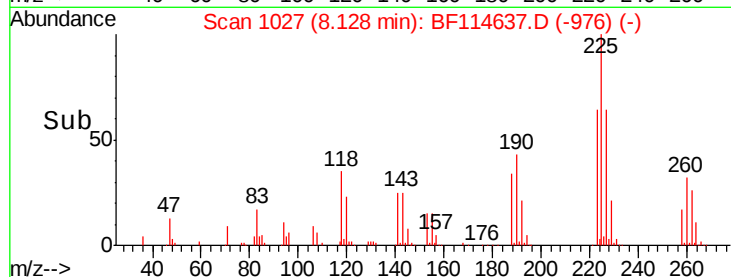
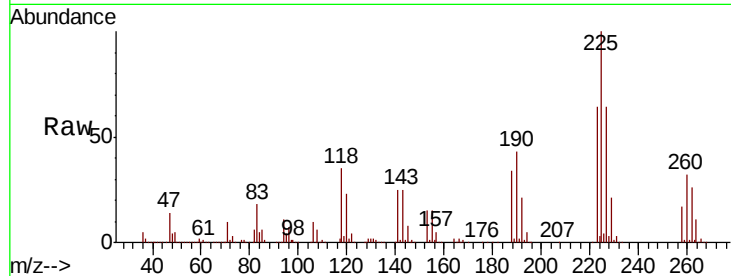
#34
Hexachlorobutadiene
Concen: 72.226 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100	828679		
223	63.8		50.9	76.3
227	64.2		51.3	76.9

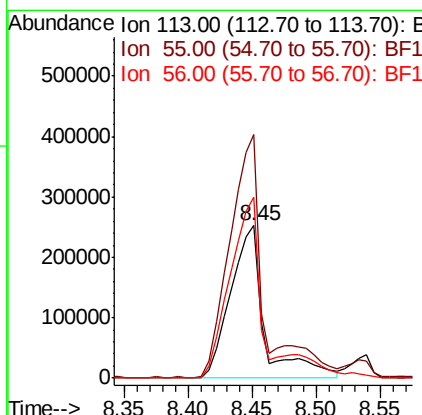
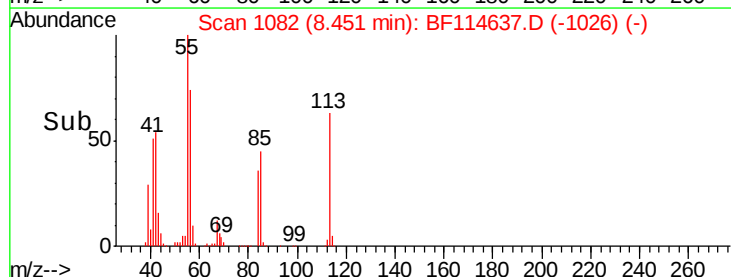
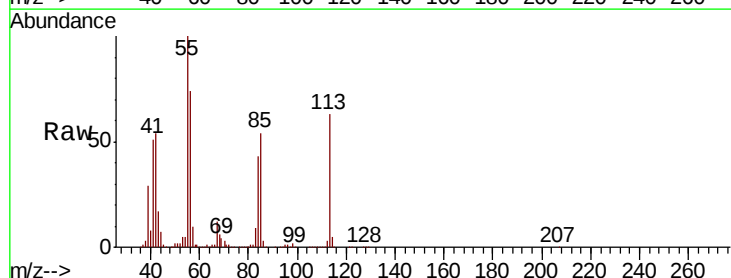
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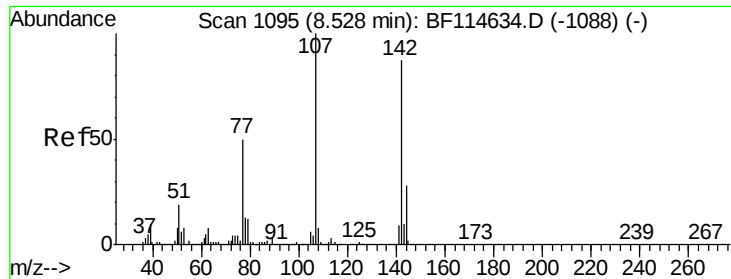
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#35
Caprolactam
Concen: 80.735 ng m
RT: 8.45 min Scan# 1082
Delta R.T. 0.03 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	466831		
55	159.8		136.4	176.4
56	118.4		97.0	137.0





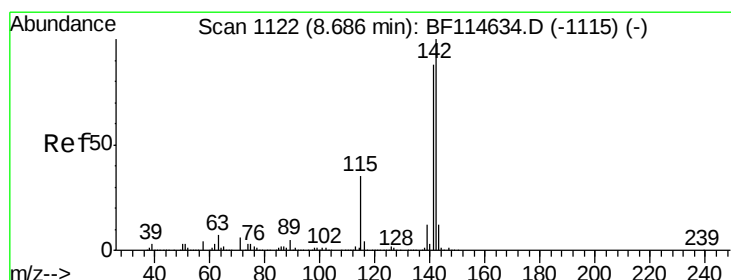
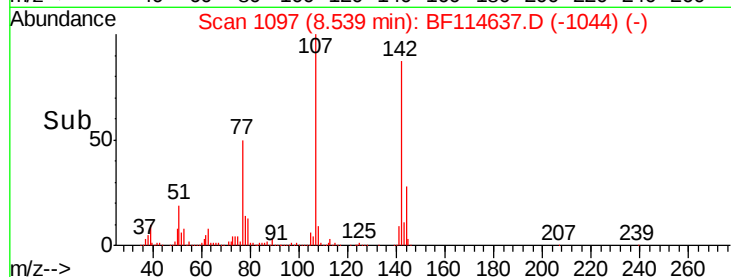
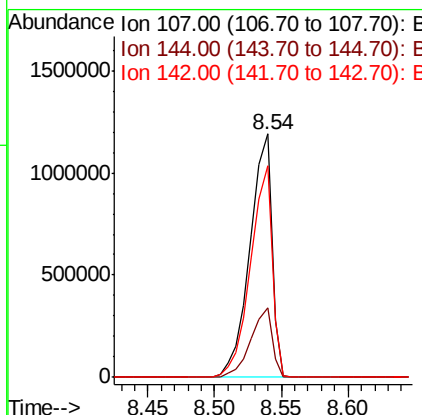
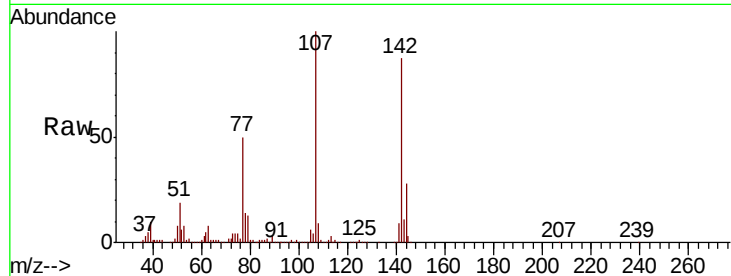
#36
 4-Chloro-3-methylphenol
 Concen: 75.576 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:107 Resp: 1349006
 Ion Ratio Lower Upper
 107 100
 144 28.5 22.5 33.7
 142 86.9 69.8 104.6

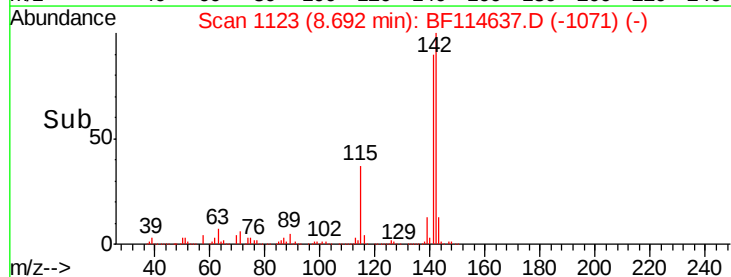
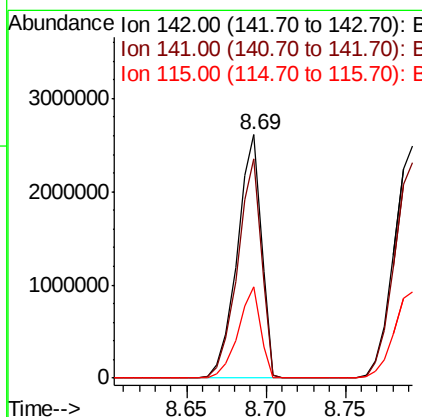
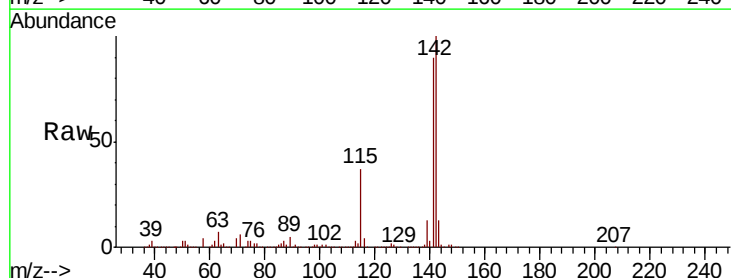
Manual Integrations
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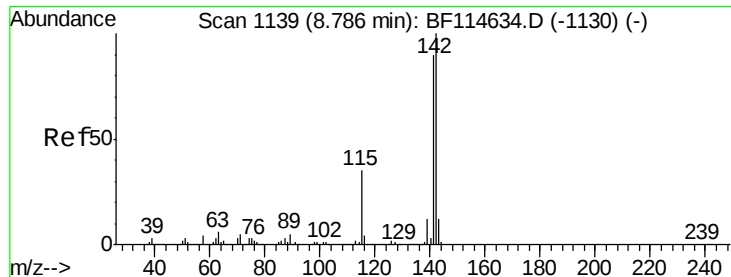
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#37
 2-Methylnaphthalene
 Concen: 70.682 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion:142 Resp: 2743185
 Ion Ratio Lower Upper
 142 100
 141 90.3 70.3 105.5
 115 37.4 28.0 42.0





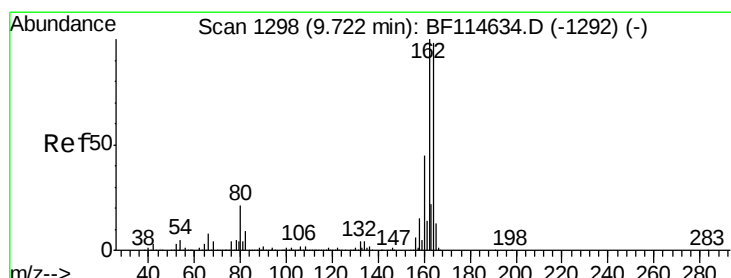
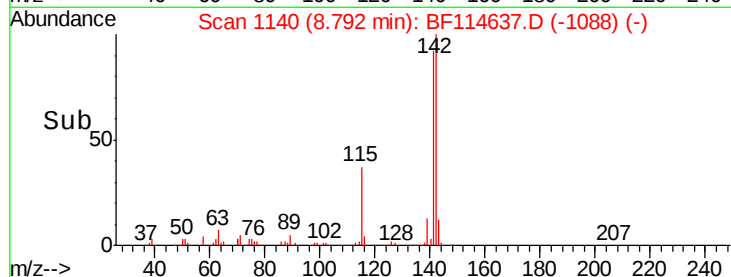
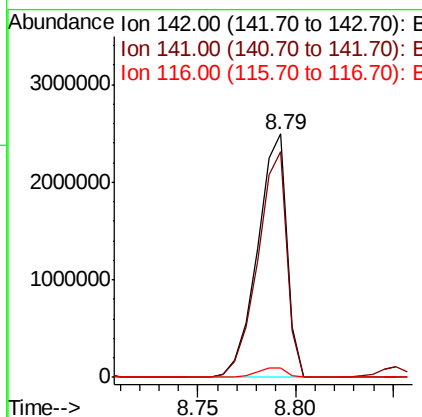
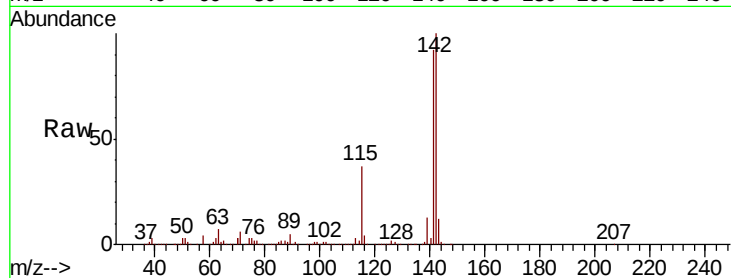
#38
1-Methylnaphthalene
Concen: 70.966 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.3	108.5
116	3.9	3.0	4.4

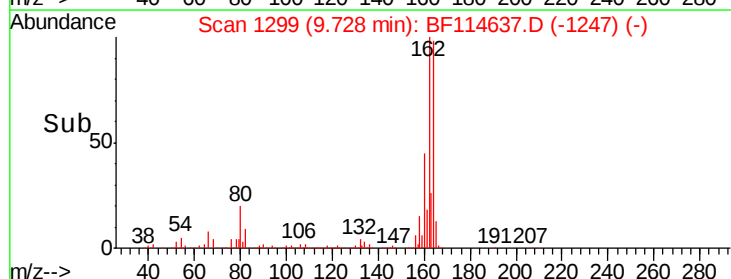
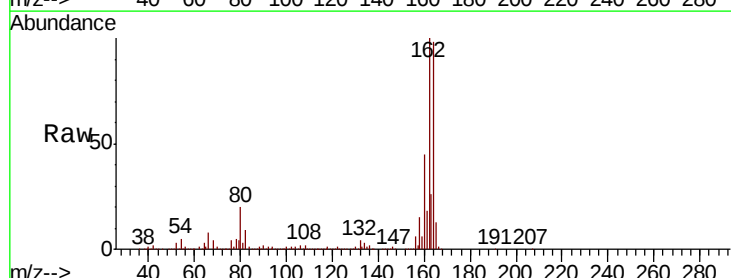
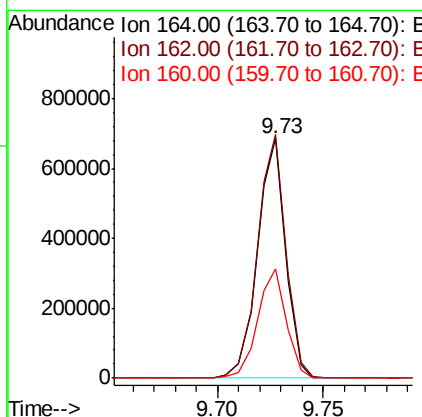
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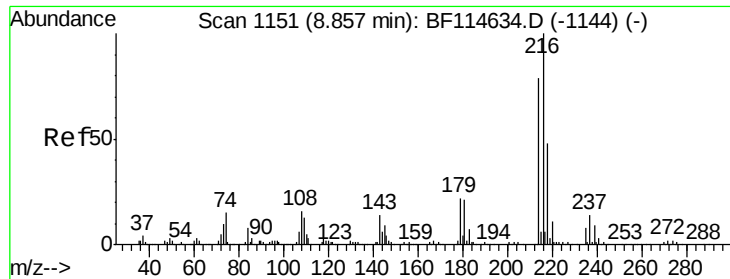
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.2
160	45.9	36.6	54.8





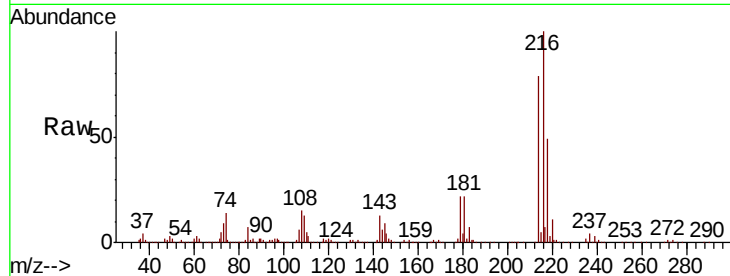
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.740 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

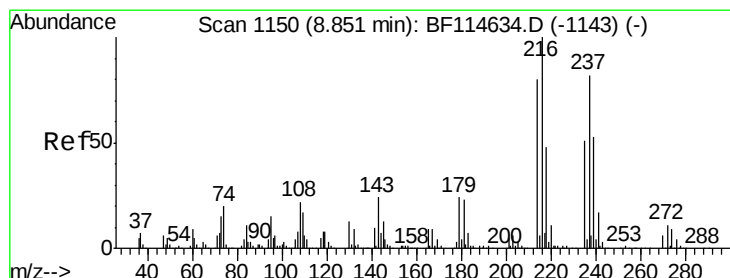
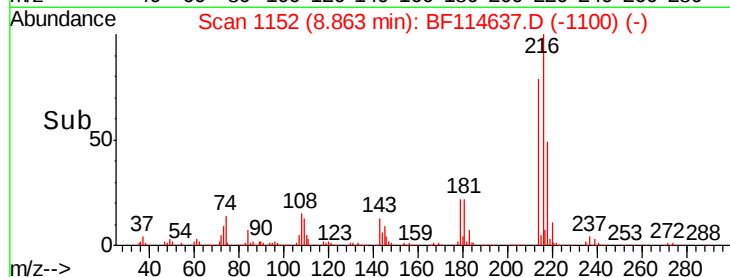
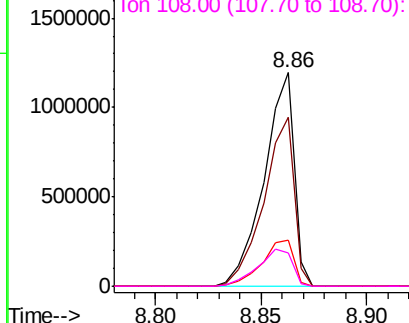
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.8	63.2	94.8		
179	23.0	17.9	26.9		
108	20.1	15.8	23.8		

Manual Integrations
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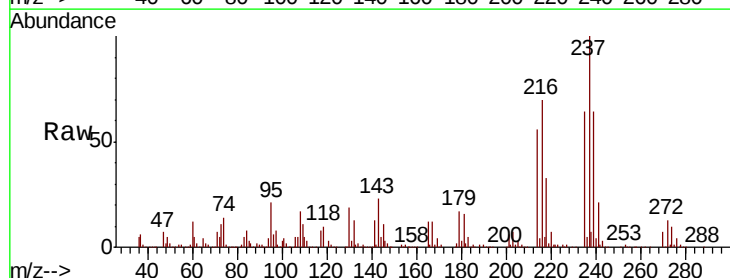


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

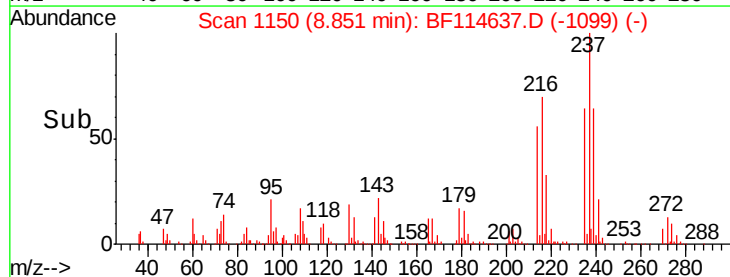
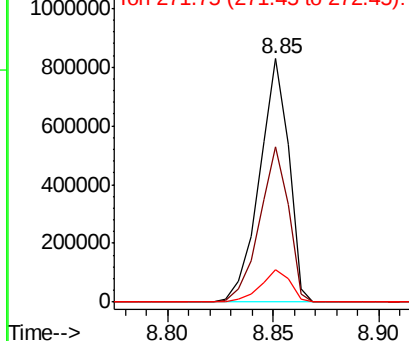


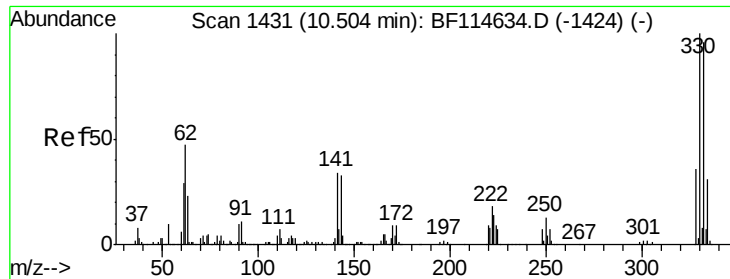
#41
 Hexachlorocyclopentadiene
 Concen: 99.545 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.8	42.8	82.8		
272	13.1	0.0	33.7		



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





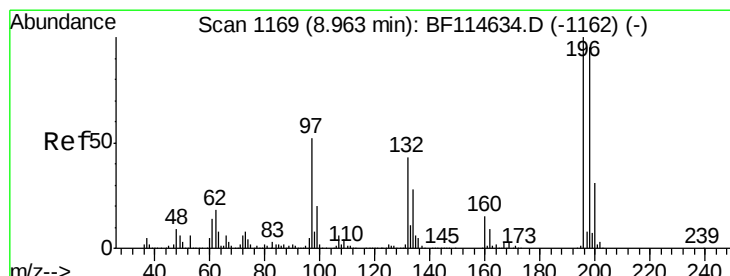
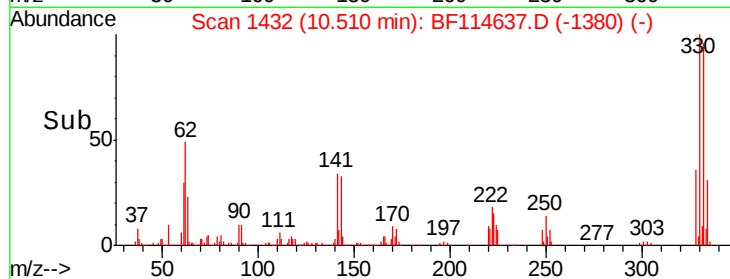
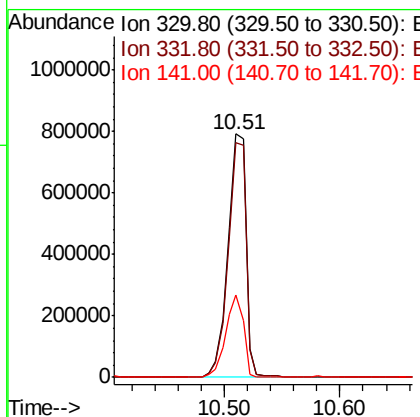
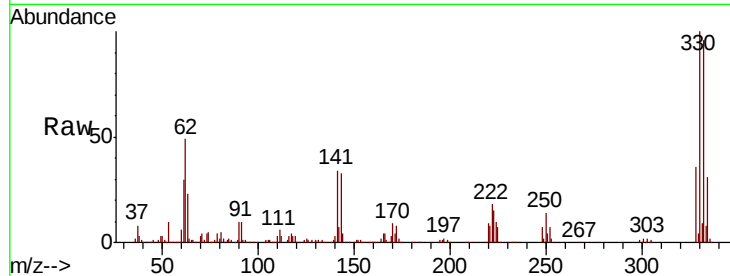
#42
 2,4,6-Tribromophenol
 Concen: 132.477 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
330	100	863683		
332	96.3		75.8	113.8
141	33.3		27.8	41.8

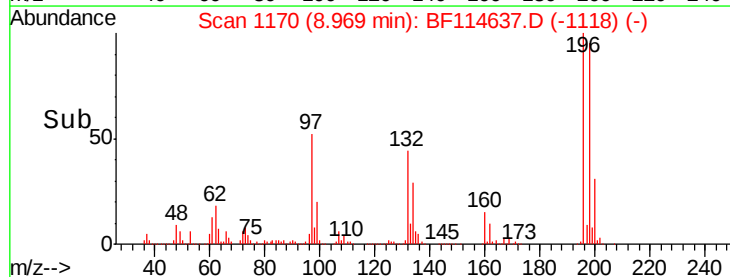
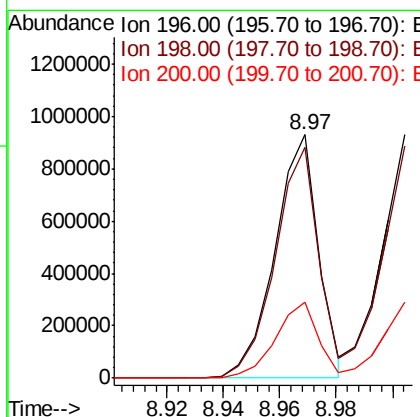
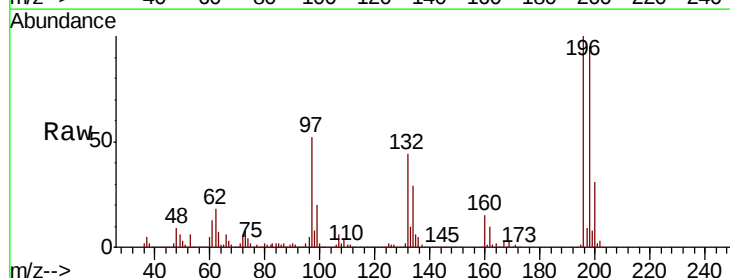
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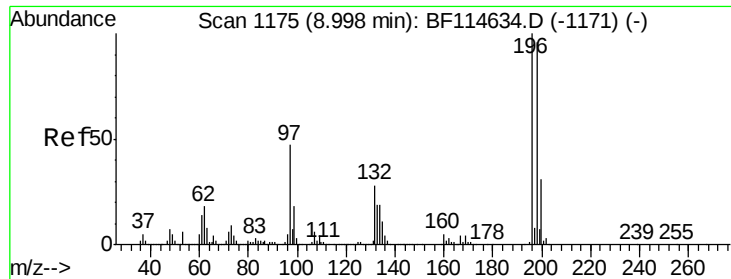
mohammad
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#43
 2,4,6-Trichlorophenol
 Concen: 75.606 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	993414		
198	95.0		76.1	114.1
200	31.1		24.7	37.1





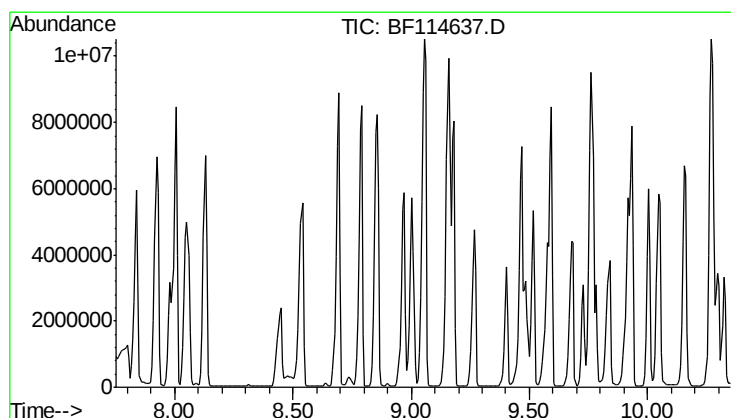
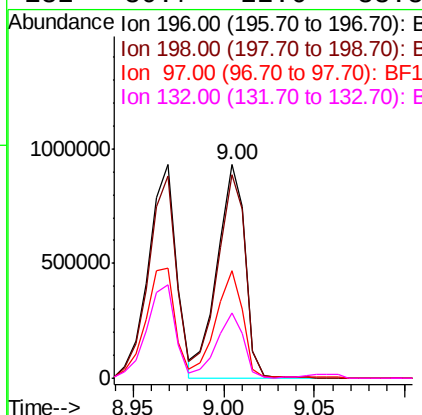
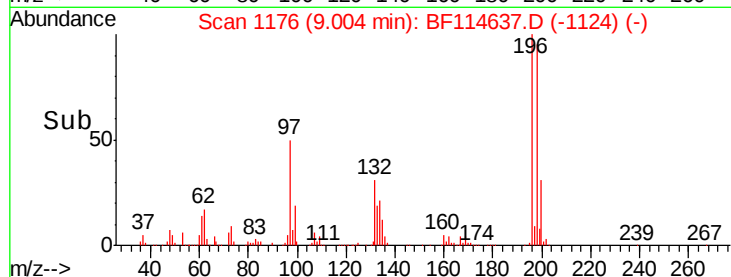
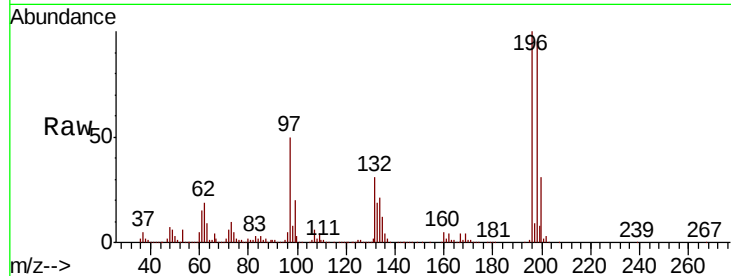
#44
 2,4,5-Trichlorophenol
 Concen: 73.973 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		996781		
198	95.3	76.8	115.2		
97	50.2	37.8	56.8		
132	30.7	22.6	33.8		

Manual Integrations
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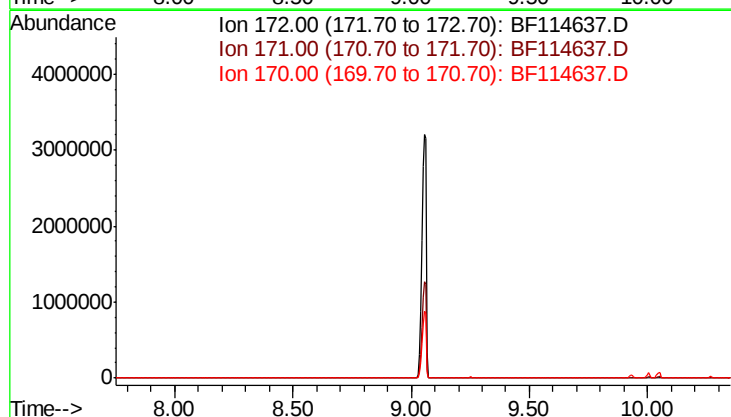
mohammad
 5/30/2019 12:47:46 PM

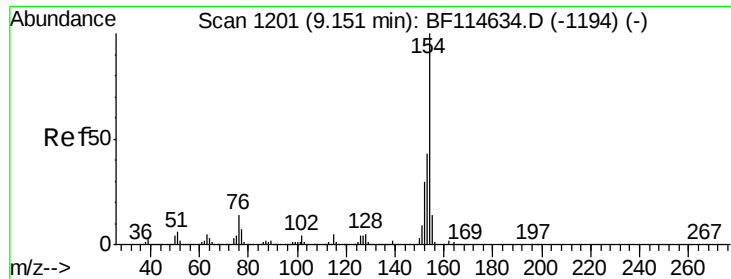


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.05 min

Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Exp Ratio
172	100
171	38.2
170	25.9





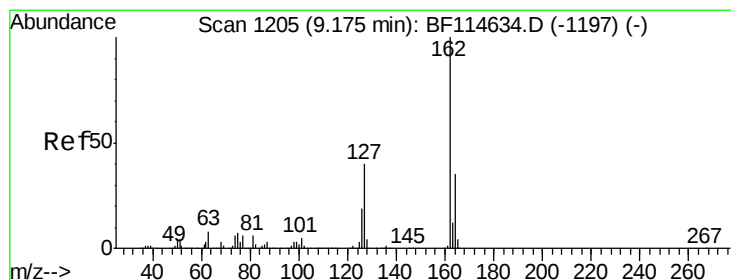
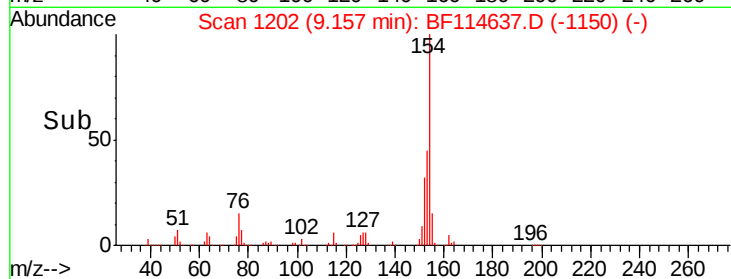
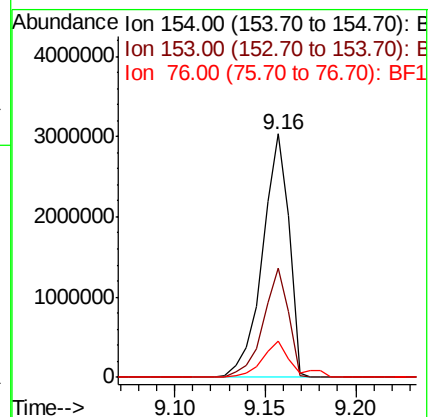
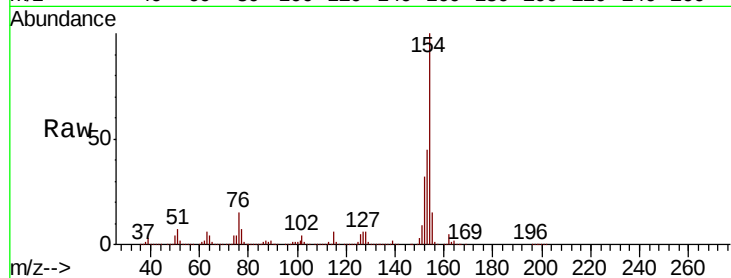
#46
1,1'-Biphenyl
Concen: 60.471 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
154	100		
153	45.1	23.0	63.0
76	14.6	0.0	33.9

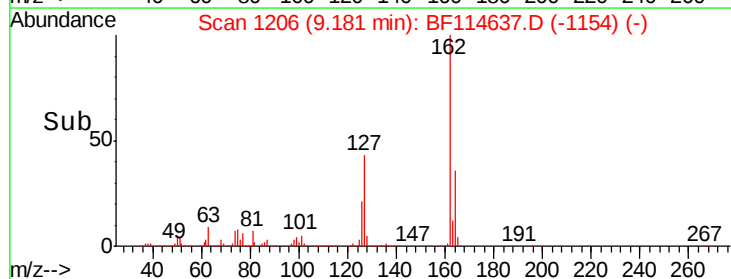
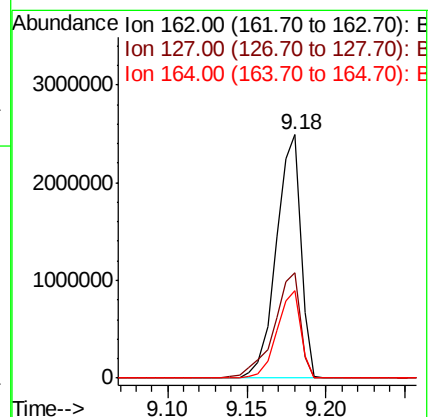
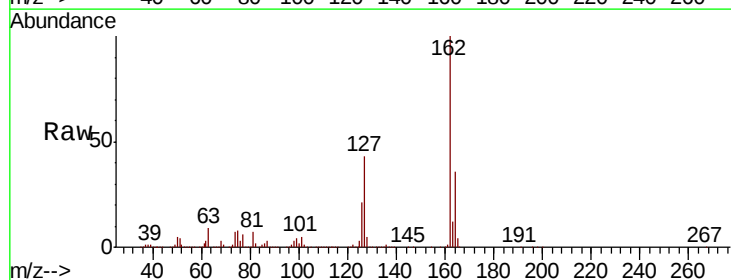
Manual Integrations
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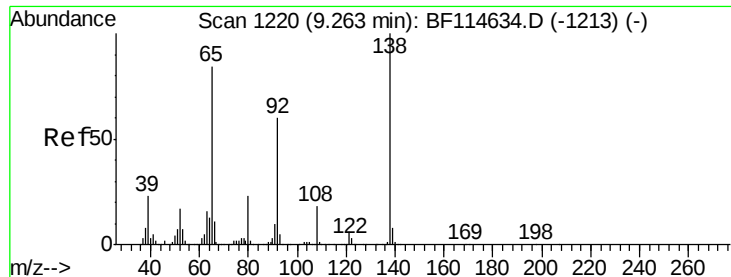
mohammad
5/30/2019 12:47:46 PM



#47
2-Chloronaphthalene
Concen: 65.592 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.1	32.2	48.2
164	35.8	27.8	41.6





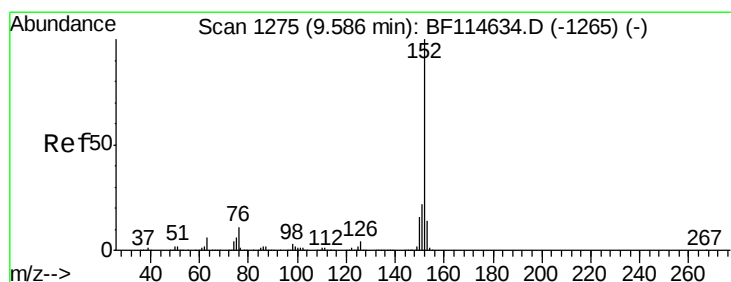
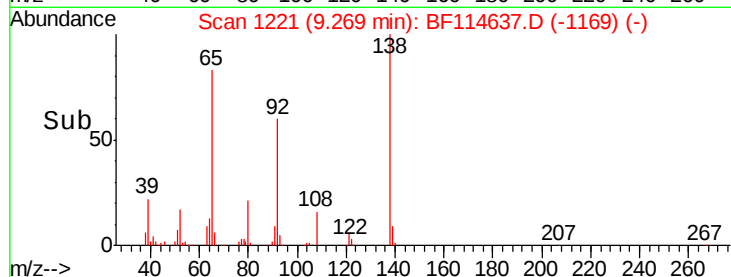
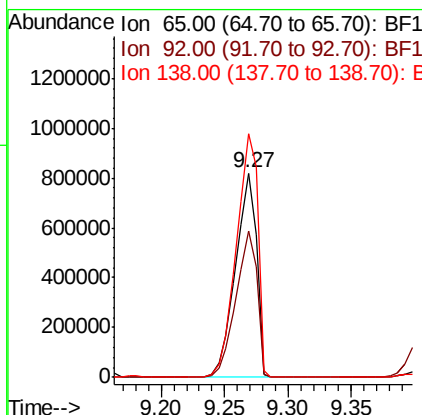
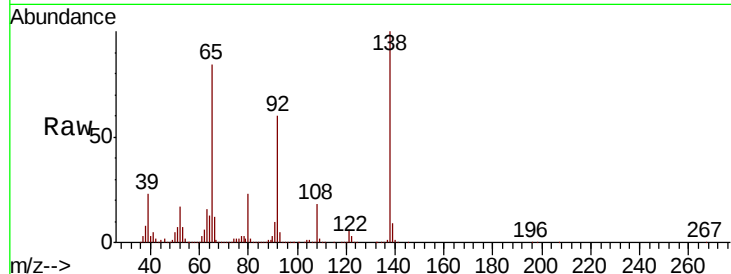
#48
2-Nitroaniline
Concen: 64.190 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.1	85.7
138	119.2	95.8	143.6

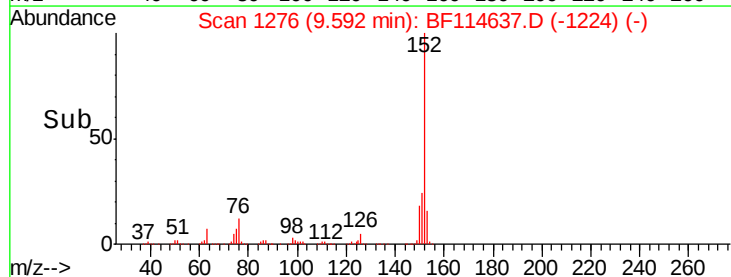
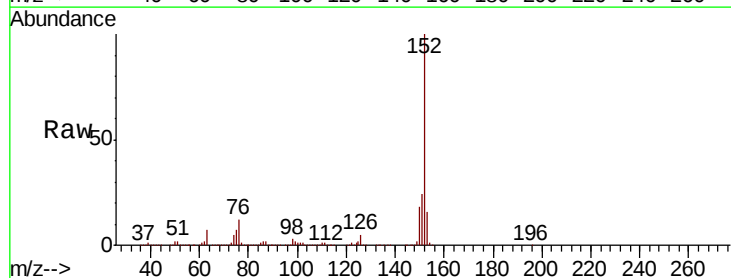
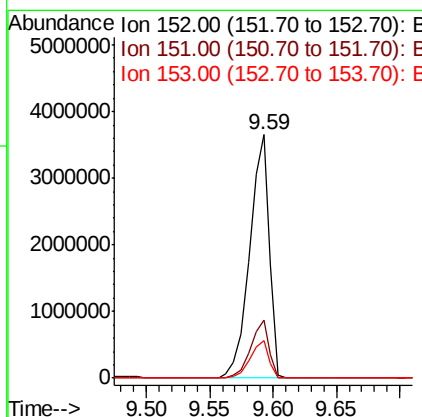
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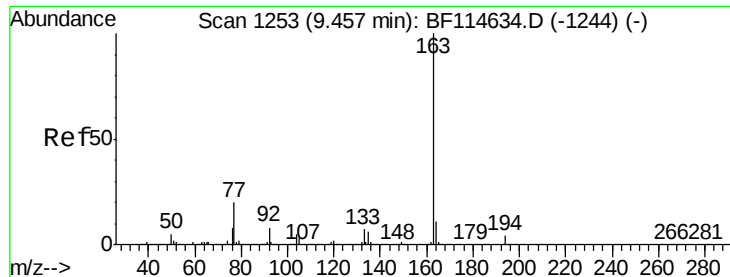
mohammad
5/30/2019 12:47:46 PM



#49
Acenaphthylene
Concen: 63.227 ng
RT: 9.59 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.1	17.5	26.3
153	15.6	11.6	17.4





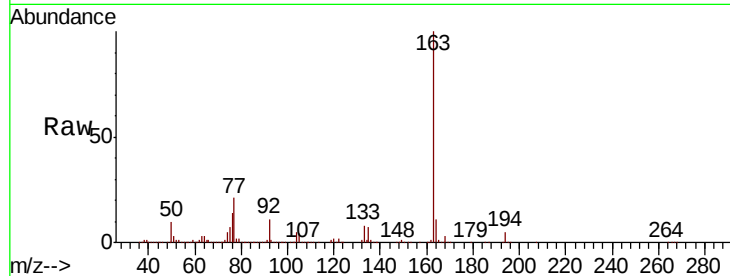
#50
Dimethylphthalate
Concen: 66.403 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	11.4	8.6	13.0

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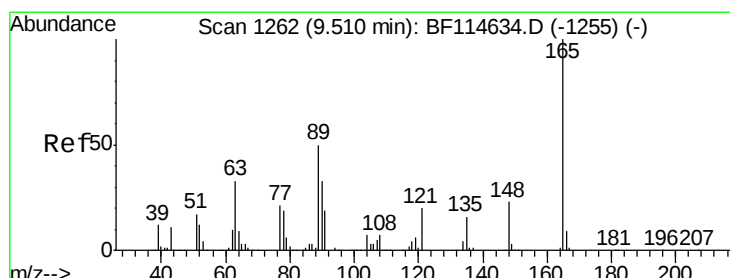
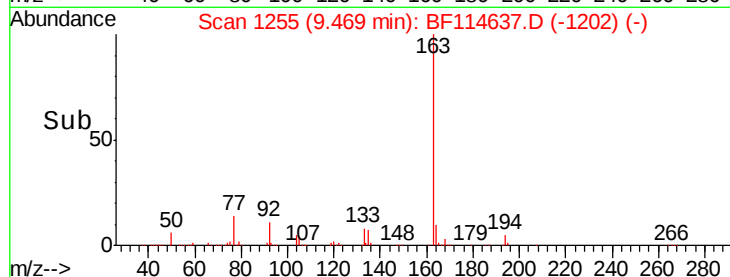
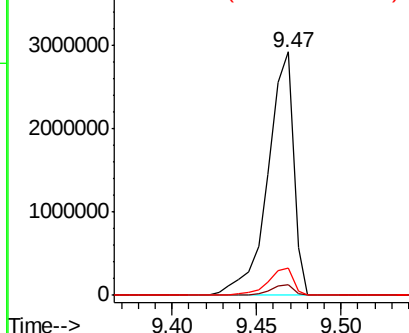


Abundance

Ion 163.00 (162.70 to 163.70): E

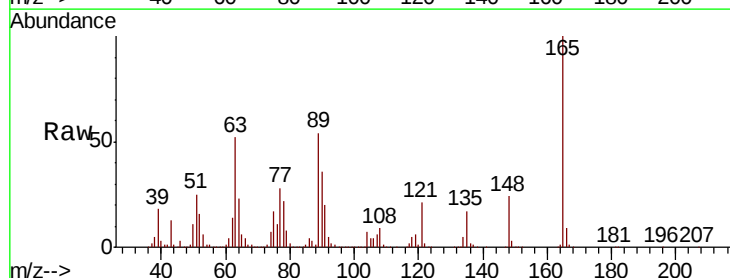
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 77.675 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.1	36.6	54.8
89	54.4	40.2	60.4

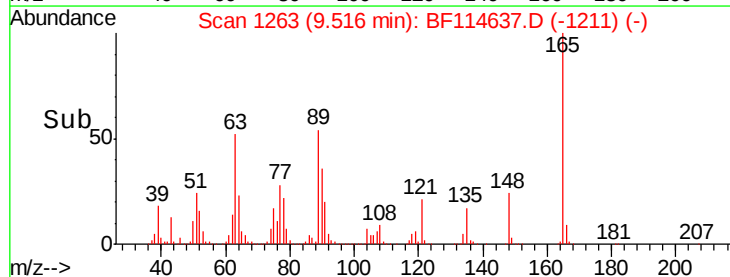
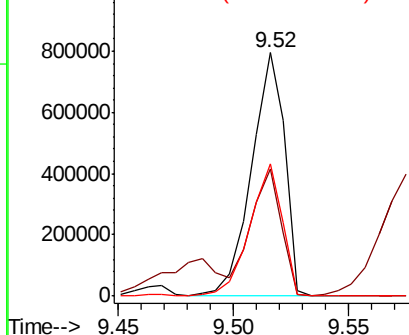


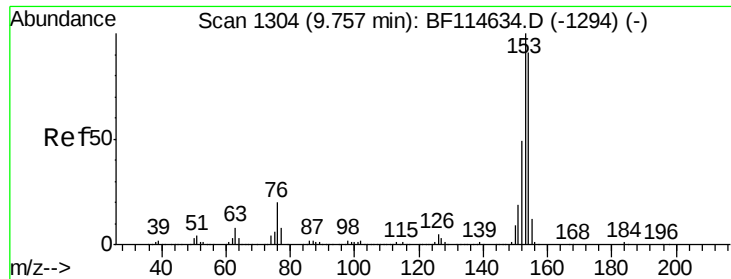
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

Acenaphthene

Concen: 68.090 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:154 Resp: 2605540

Ion Ratio Lower Upper

154 100

153 110.5 88.4 132.6

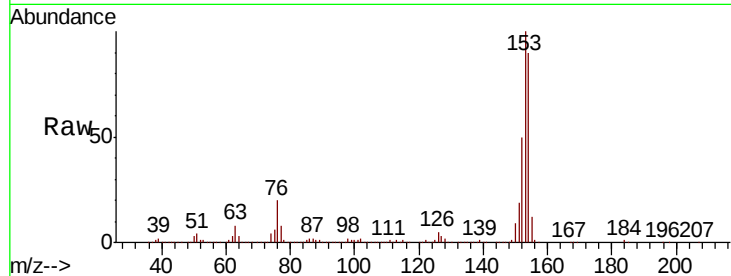
152 55.8 43.4 65.0

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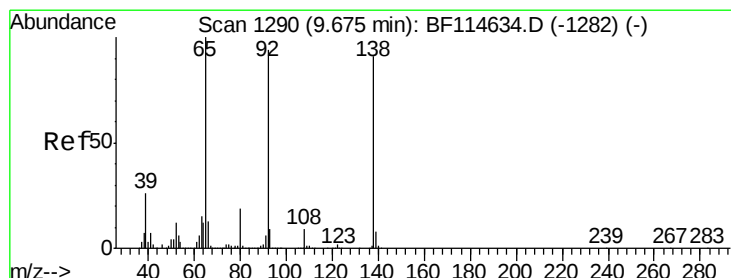
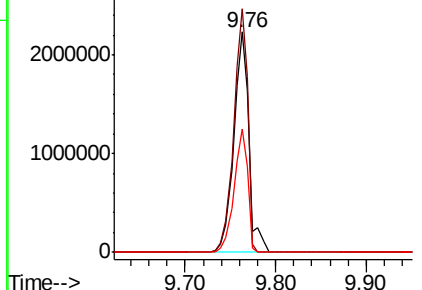
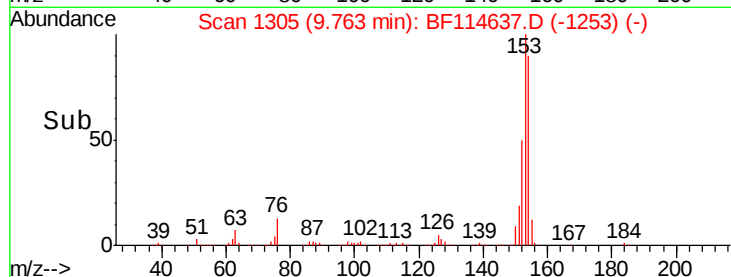
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 76.155 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

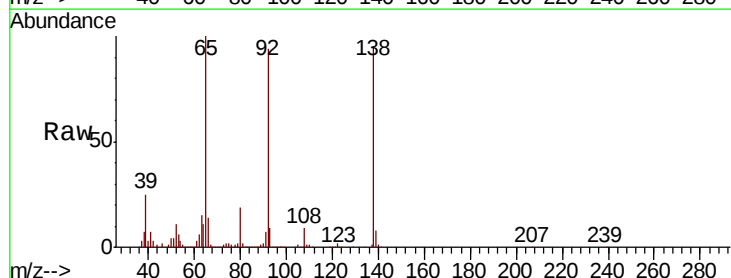
Tgt Ion:138 Resp: 970663

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

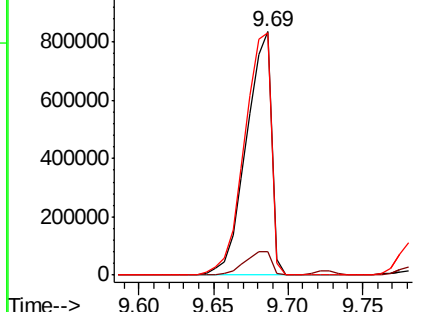
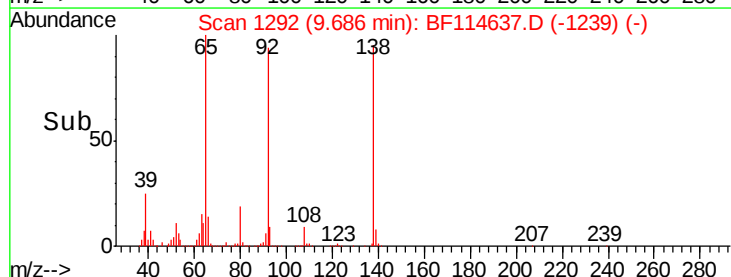
92 99.6 83.1 124.7

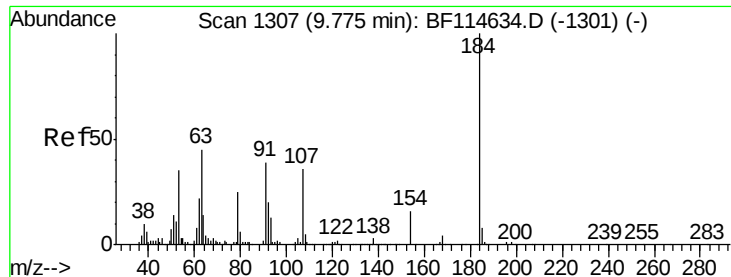


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





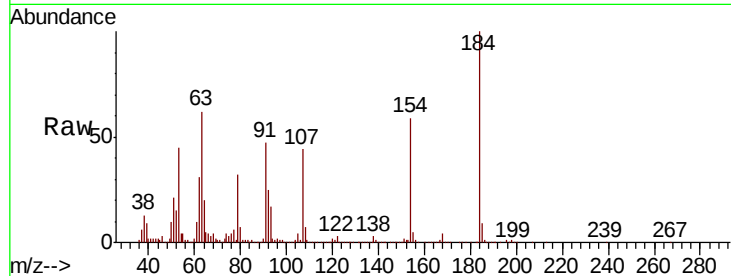
#54
2,4-Dinitrophenol
Concen: 85.944 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
184	100	353929		
63	61.5	38.8	58.2#	
154	59.3	43.7	65.5	

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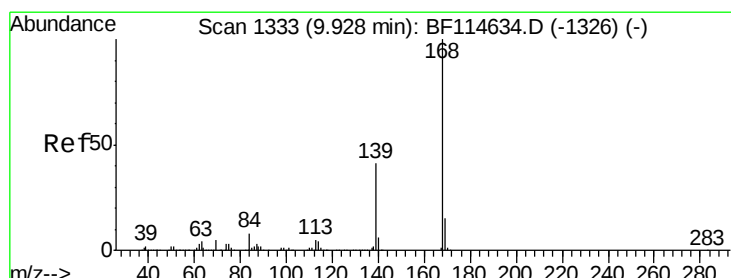
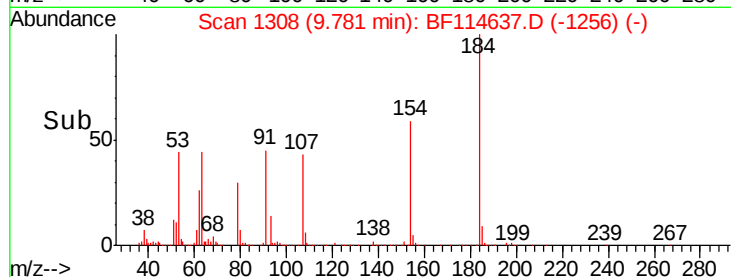
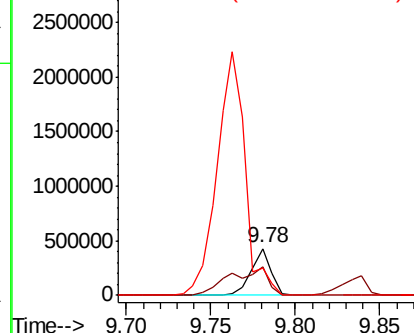


Abundance

Ion 184.00 (183.70 to 184.70): E

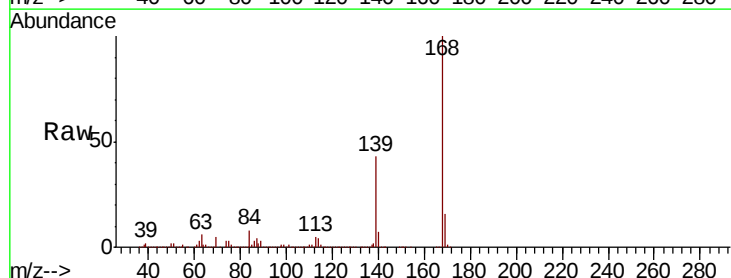
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#55
Dibenzofuran
Concen: 61.467 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3448979		
139	43.4	32.6	48.8	
169	15.5	11.8	17.8	

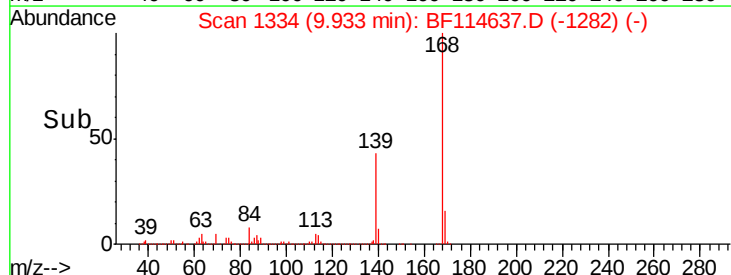
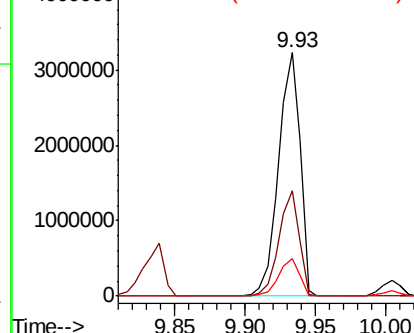


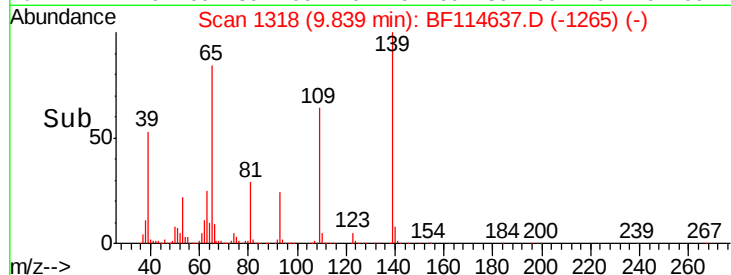
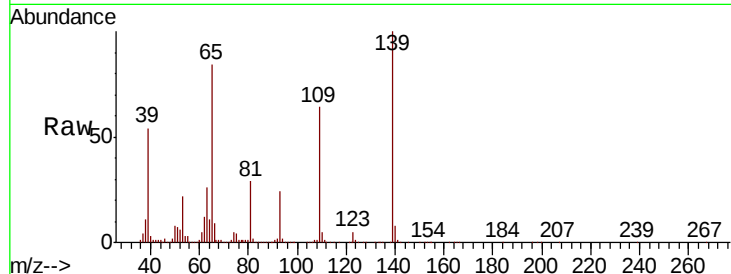
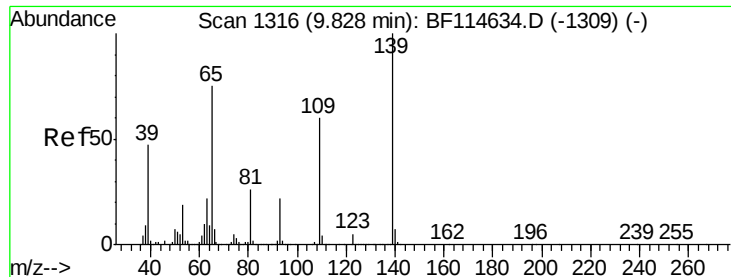
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





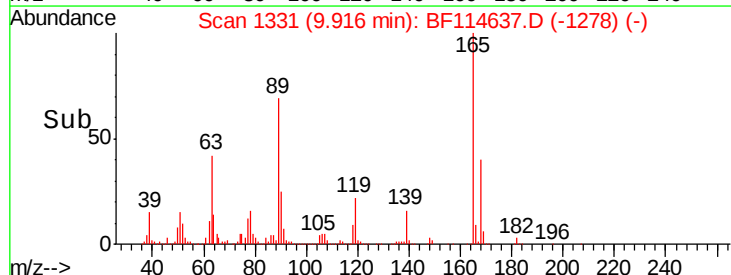
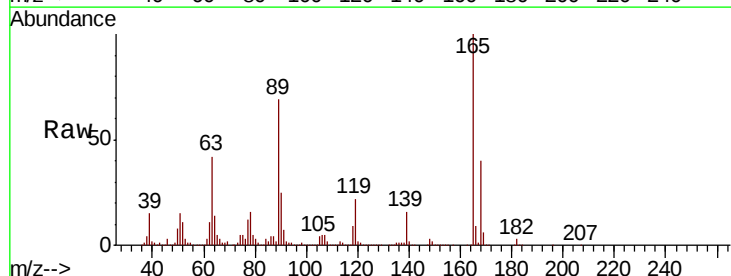
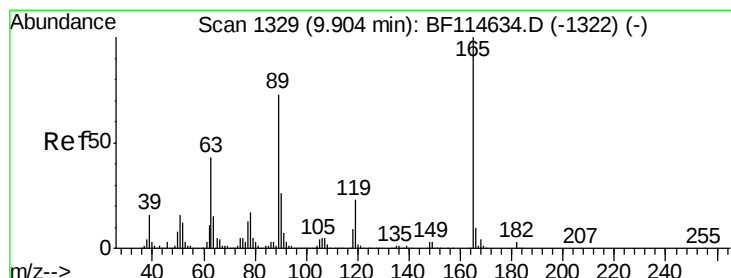
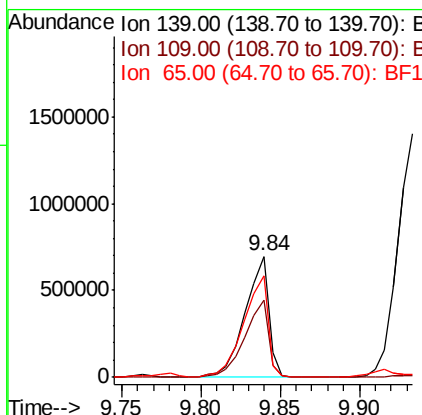
#56
4-Nitrophenol
Concen: 80.252 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.1	40.4	80.4
65	84.3	54.7	94.7

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

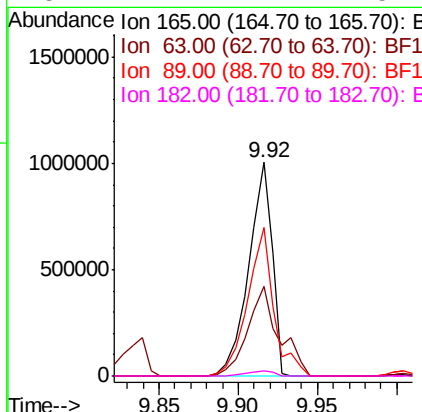
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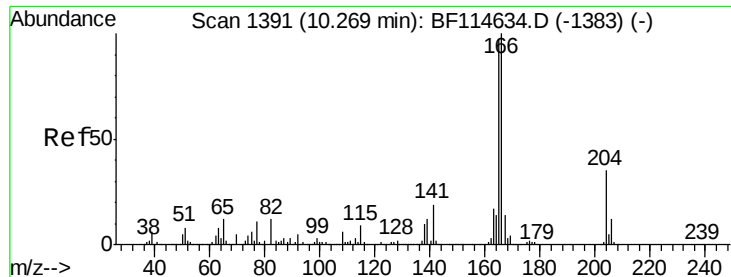
mohammad
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#57
2,4-Dinitrotoluene
Concen: 73.367 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.7	34.8	52.2
89	69.5	58.5	87.7
182	2.7	2.2	3.2





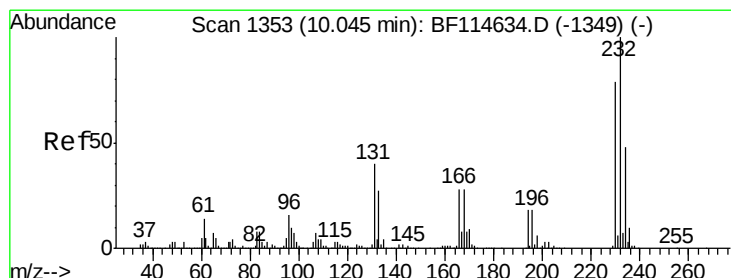
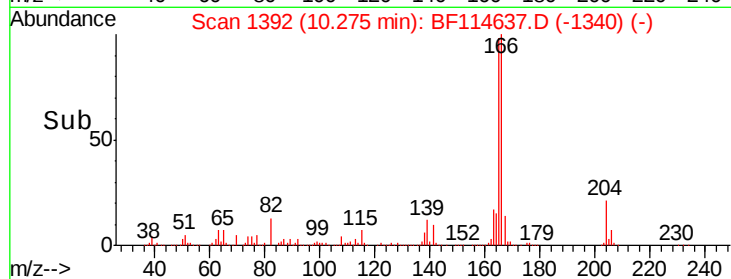
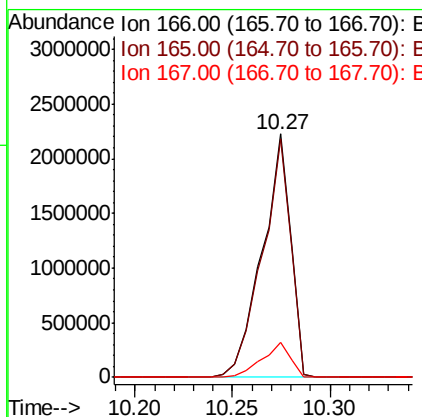
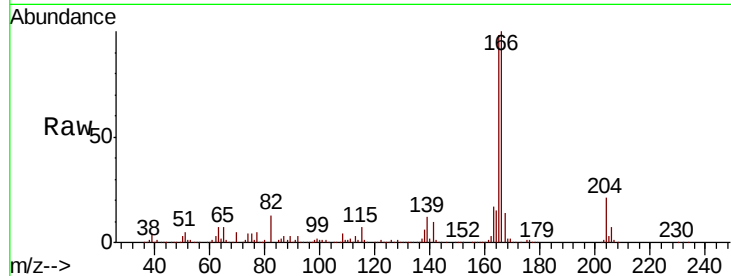
#58
Fluorene
 Concen: 52.059 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.6	116.4
167	14.2	11.2	16.8

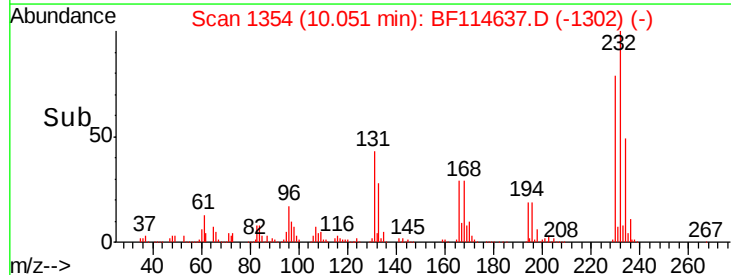
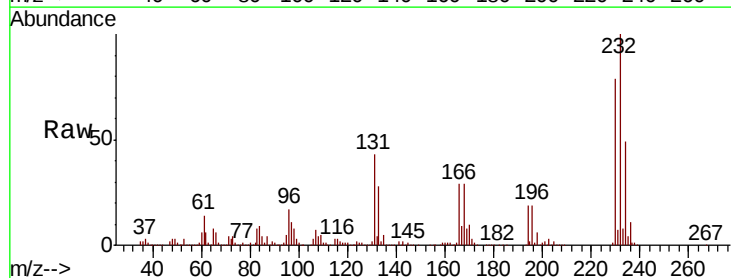
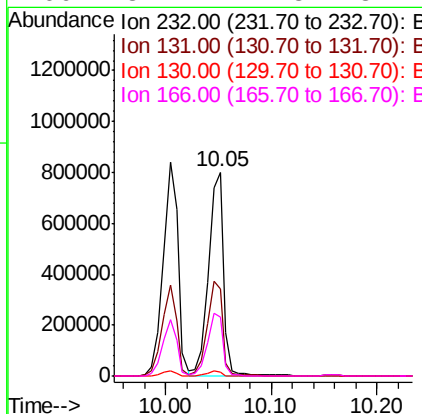
Manual Integrations
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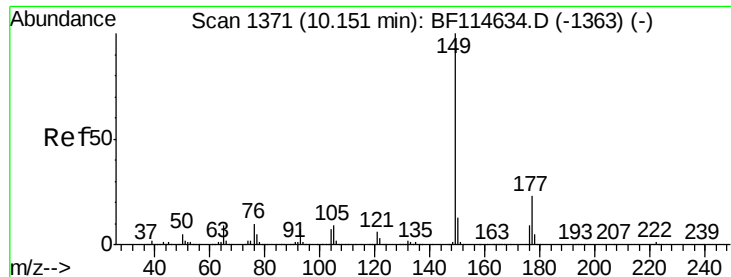
mohammad
 5/30/2019 12:47:46 PM



#59
2,3,4,6-Tetrachlorophenol
 Concen: 68.931 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.2	55.8
130	2.3	1.8	2.8
166	31.2	24.8	37.2





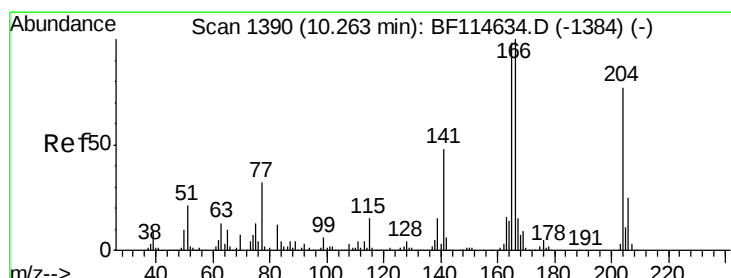
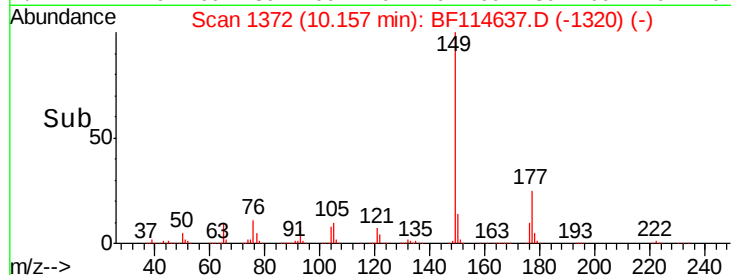
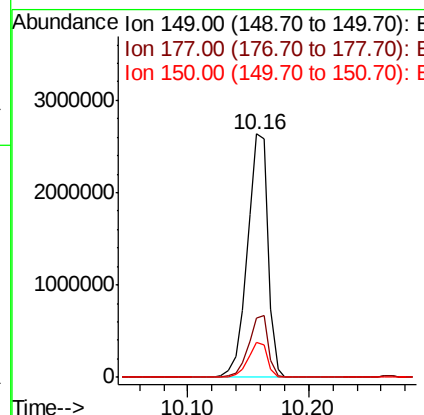
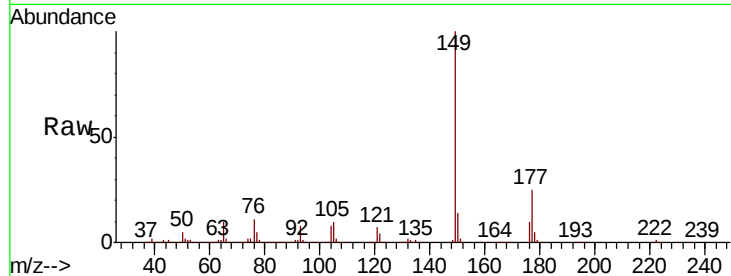
#60
Diethylphthalate
Concen: 66.609 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 3133057
Ion Ratio Lower Upper
149 100
177 24.6 18.6 28.0
150 14.1 10.6 15.8

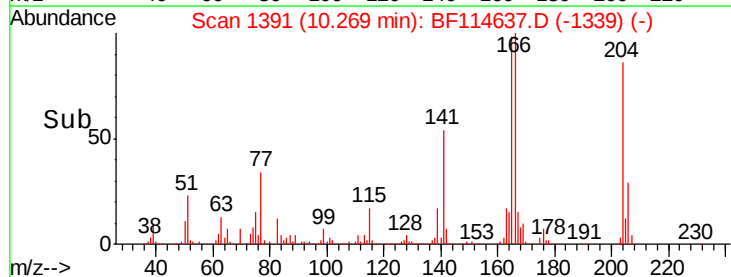
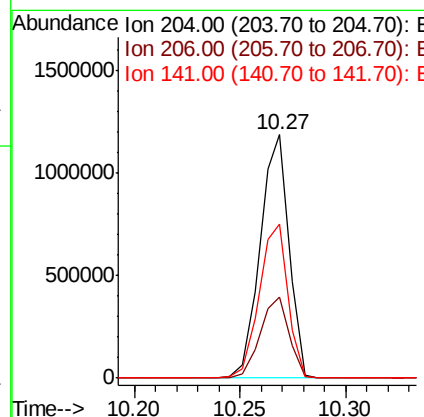
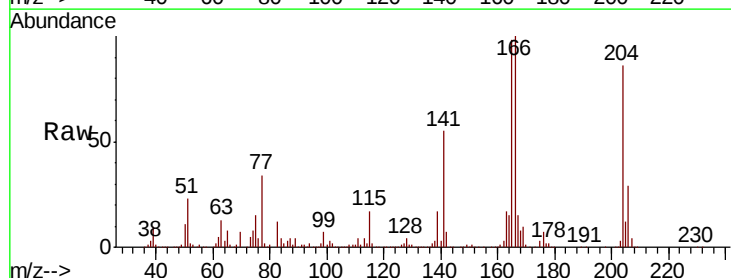
Manual Integrations
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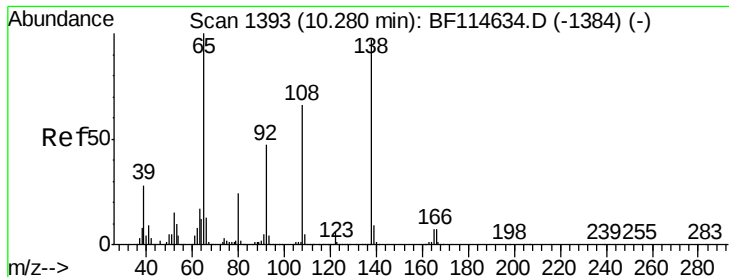
mohammad
5/30/2019 12:47:46 PM



#61
4-Chlorophenyl-phenylether
Concen: 52.739 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion:204 Resp: 1122660
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 63.3 50.0 75.0





#62

4-Nitroaniline

Concen: 71.460 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.02 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

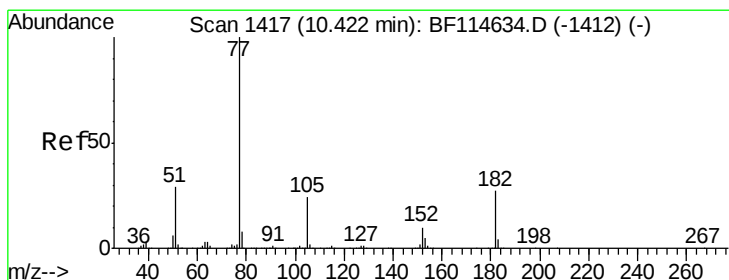
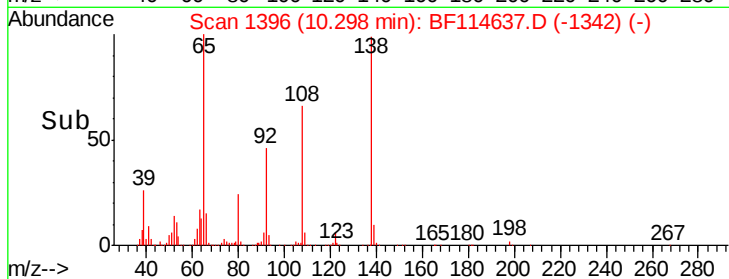
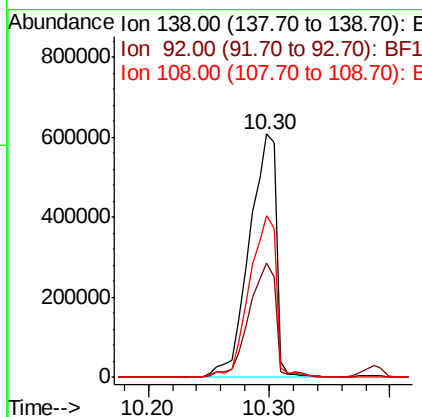
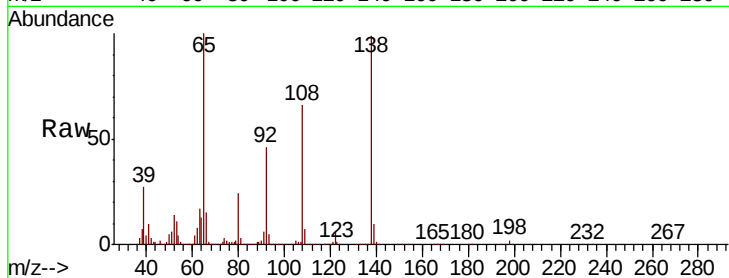
ClientSampleId :

SSTDICC080

Tot Ion:	138	Resp:	957100
Ion Ratio	Lower	Upper	
138	100		
92	47.0	28.0	68.0
108	66.6	48.4	88.4

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#63

Azobenzene

Concen: 64.292 ng

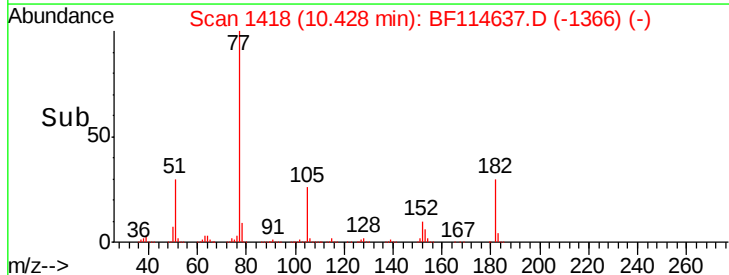
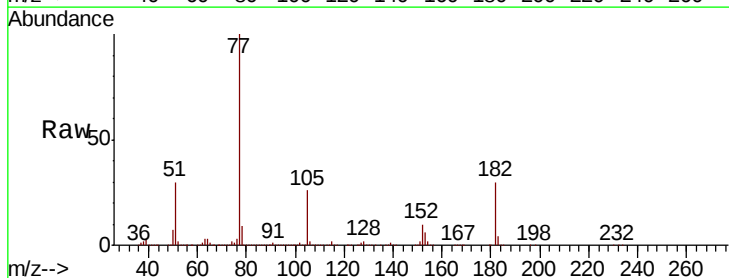
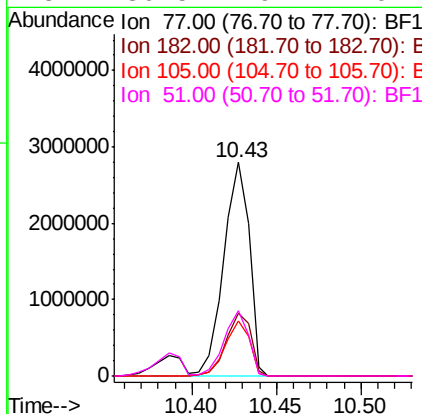
RT: 10.43 min Scan# 1418

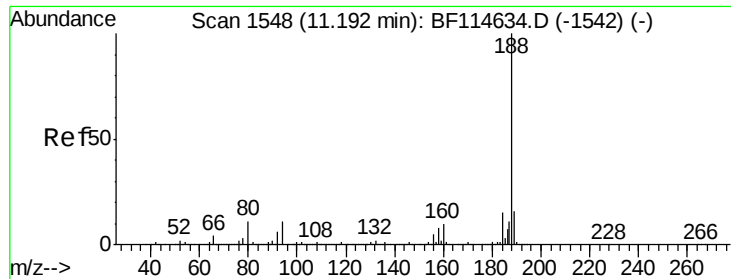
Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:	77	Resp:	2927166
Ion Ratio	Lower	Upper	
77	100		
182	29.6	7.0	47.0
105	25.8	3.7	43.7
51	30.5	9.1	49.1





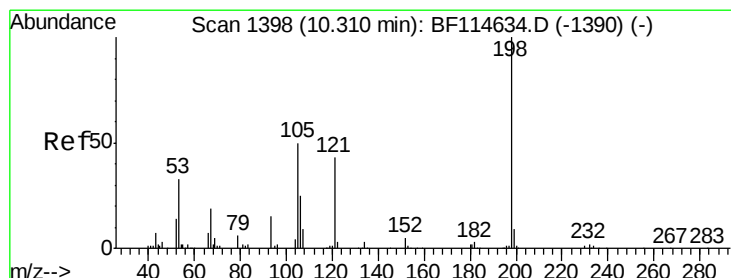
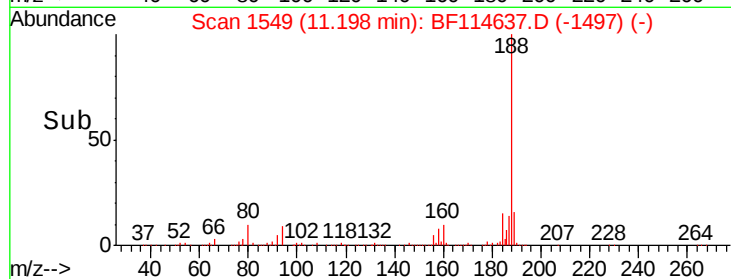
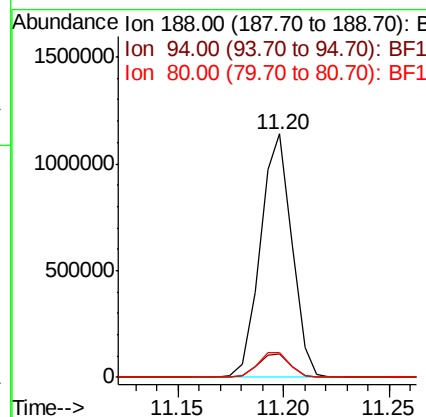
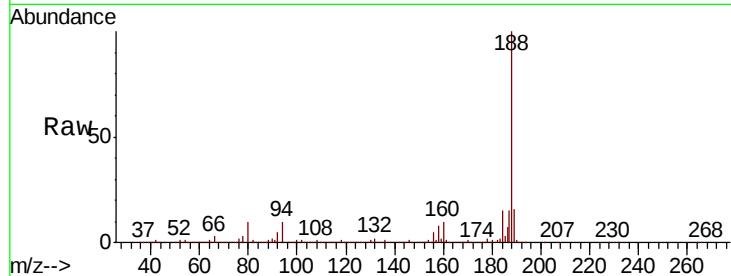
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.6	13.0
80	10.0	9.0	13.6

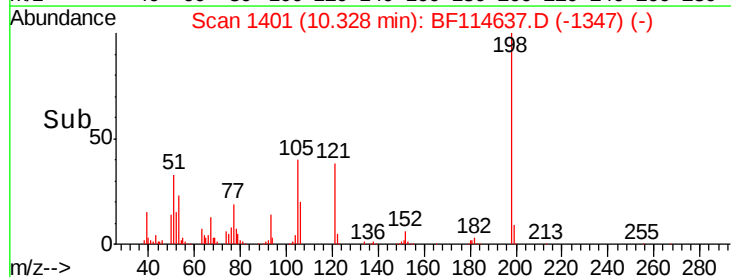
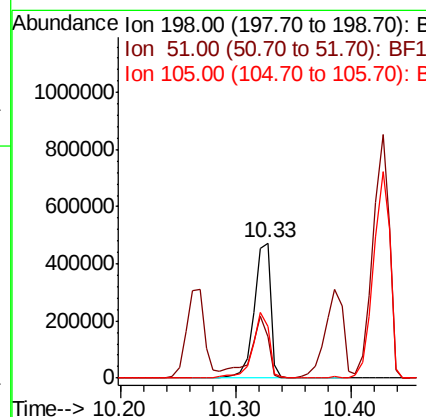
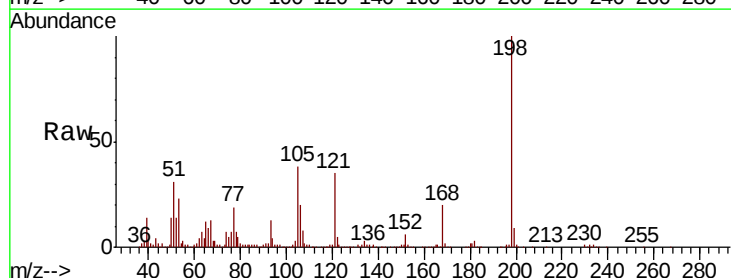
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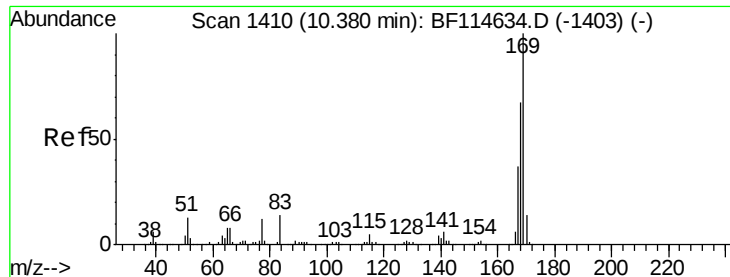
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#65
4,6-Dinitro-2-methylphenol
Concen: 81.685 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.7	29.0	69.0
105	37.8	30.4	70.4





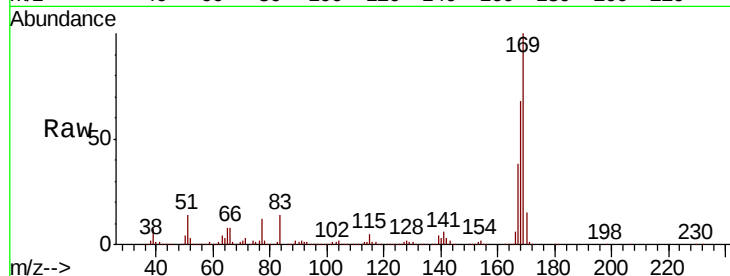
#66
 n-Nitrosodiphenylamine
 Concen: 70.666 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

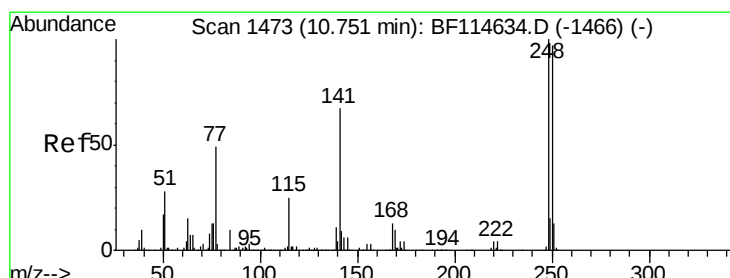
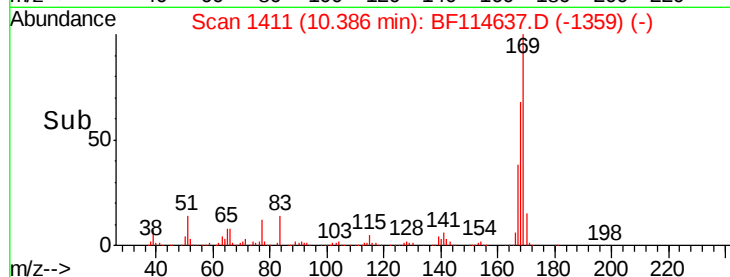
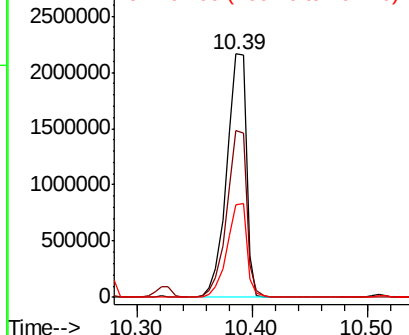
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	53.8	80.8
167	38.2	29.8	44.6

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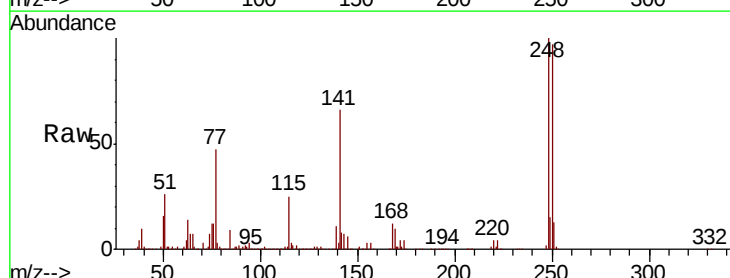


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

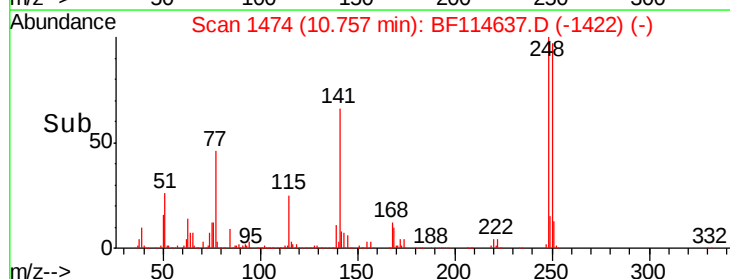
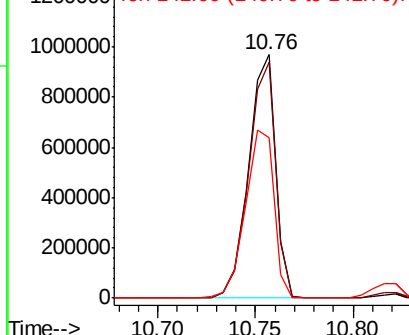


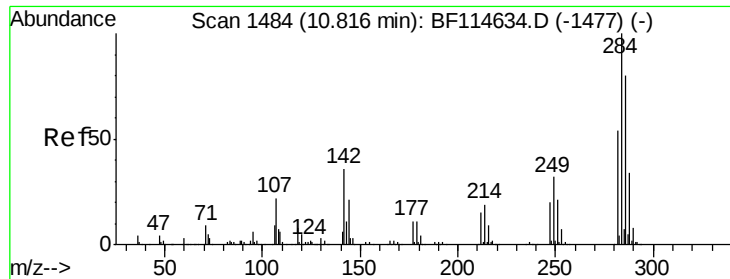
#67
 4-Bromophenyl-phenylether
 Concen: 70.898 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.0	117.0
141	65.8	53.8	80.8



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





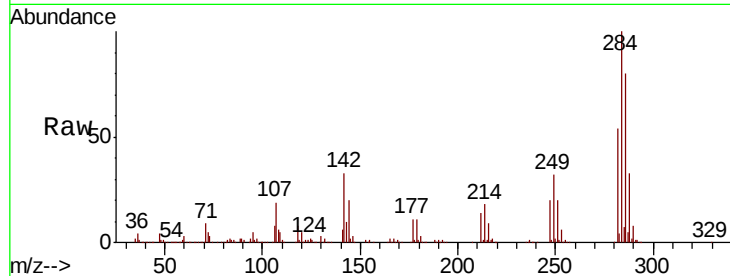
#68
Hexachlorobenzene
Concen: 69.298 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

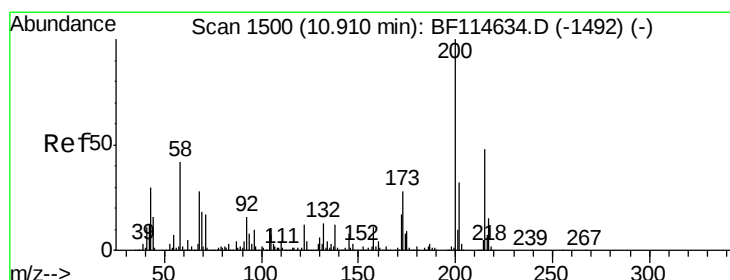
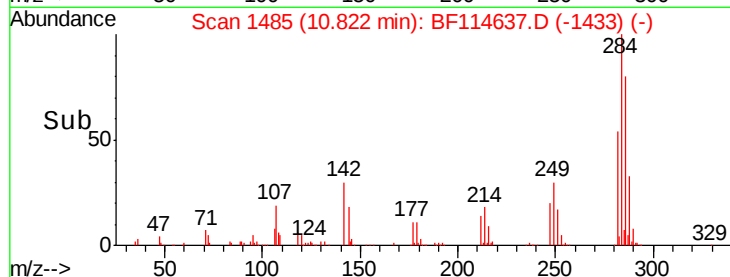
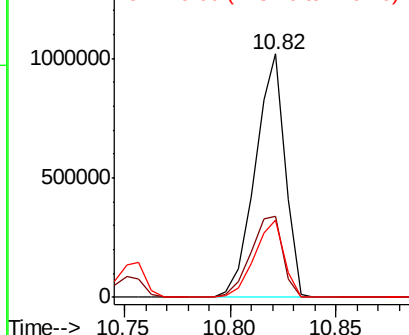
Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.9	43.3
249	31.5	25.8	38.6

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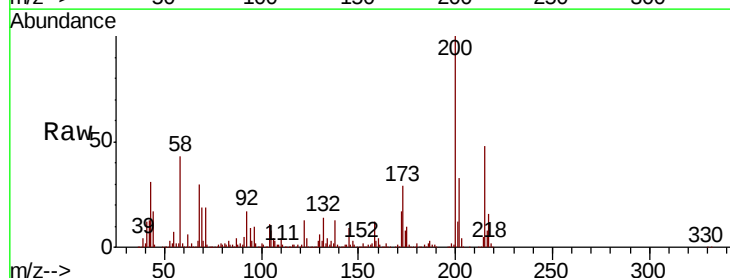


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

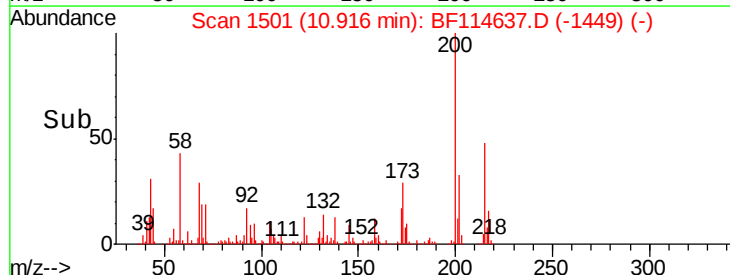
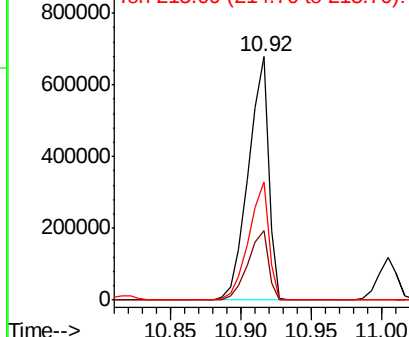


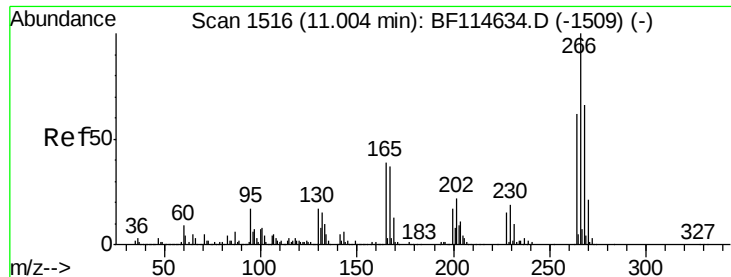
#69
Atrazine
Concen: 60.948 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	7.9	47.9
215	48.3	27.8	67.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





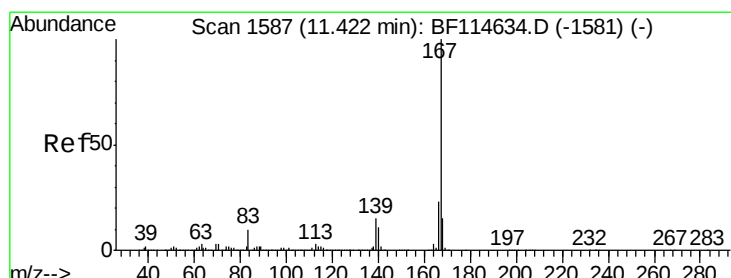
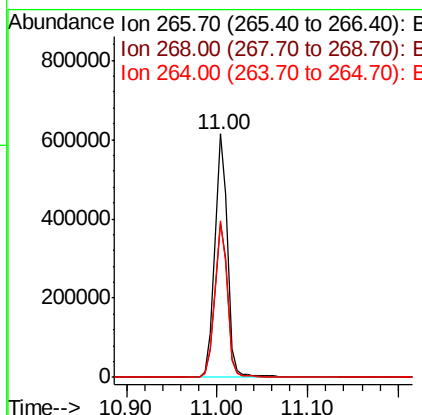
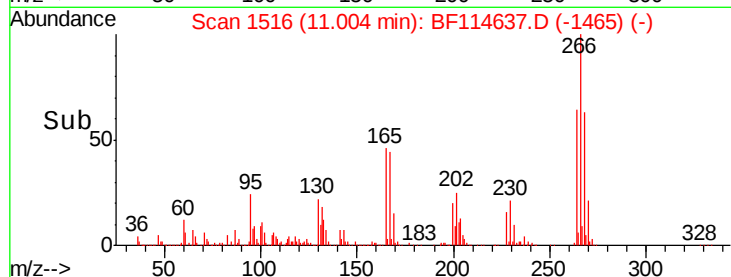
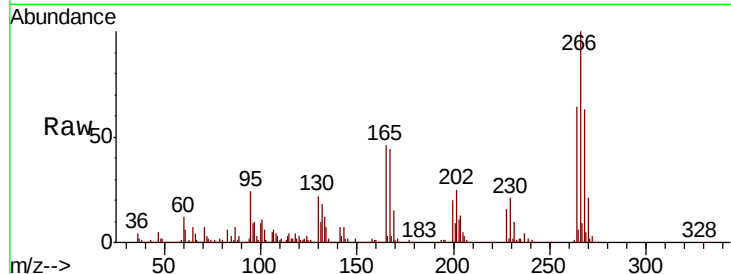
#70
 Pentachlorophenol
 Concen: 87.794 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.8	79.2
264	64.1	49.9	74.9

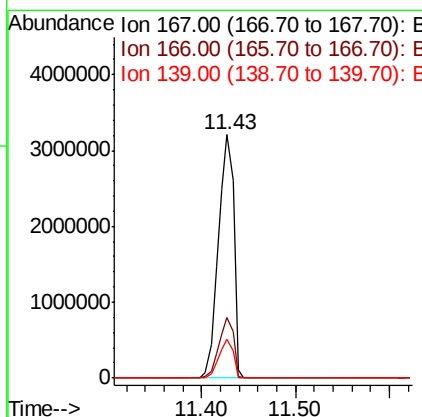
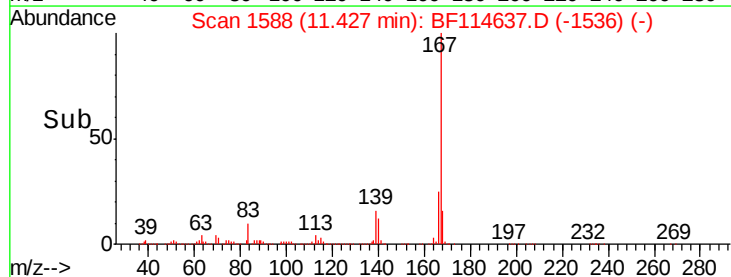
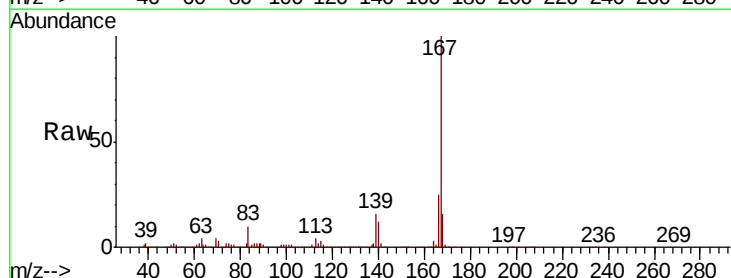
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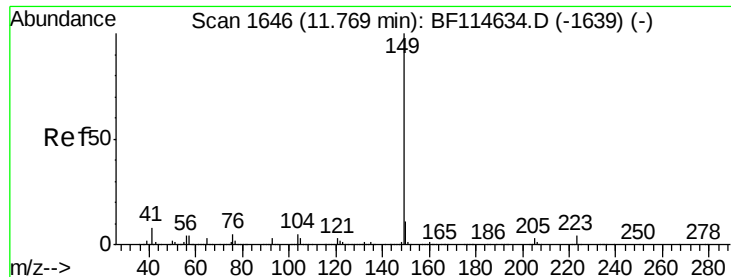
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#73
 Carbazole
 Concen: 66.845 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.7	18.7	28.1
139	16.1	11.8	17.8





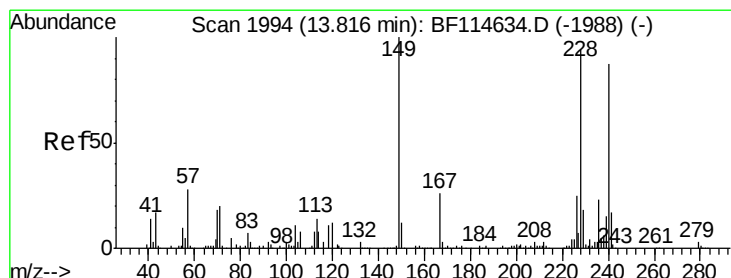
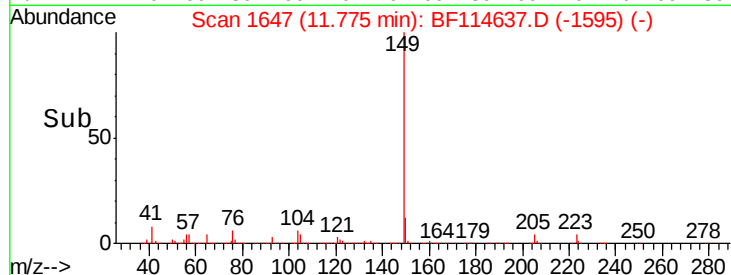
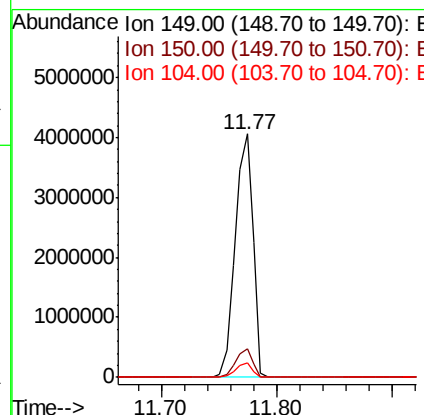
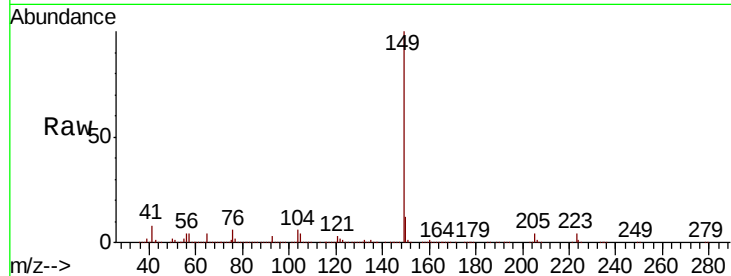
#74
Di-n-butylphthalate
Concen: 67.807 ng
RT: 11.77 min Scan# 1647
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	11.8	8.6	12.8	
104	6.1	4.3	6.5	

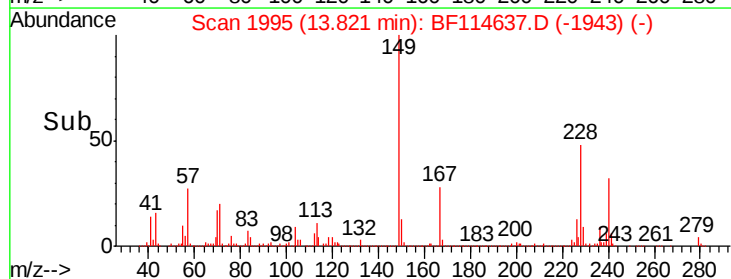
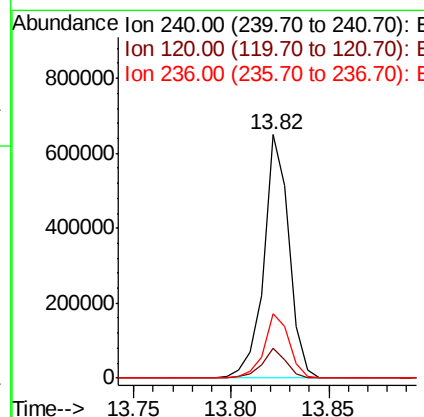
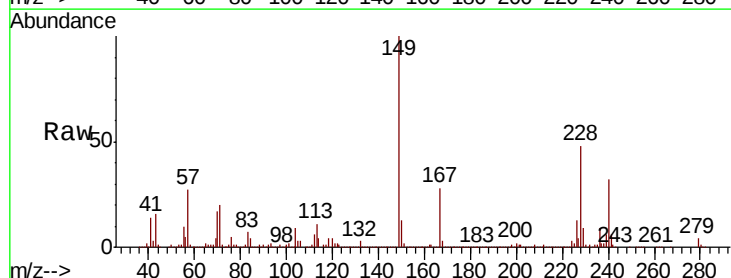
Manual Integrations
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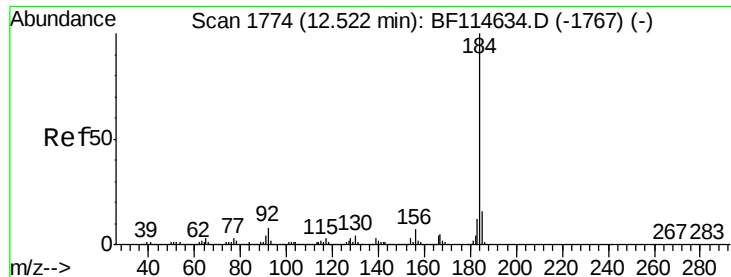
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	12.5	11.2	16.8	
236	26.4	21.2	31.8	





#77

Benzidine

Concen: 67.631 ng/mL

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleID :

SSTDICC080

Tot Ion:184 Resp: 1756871

Ion Ratio Lower Upper

184 100

185 19.1 12.6 18.8#

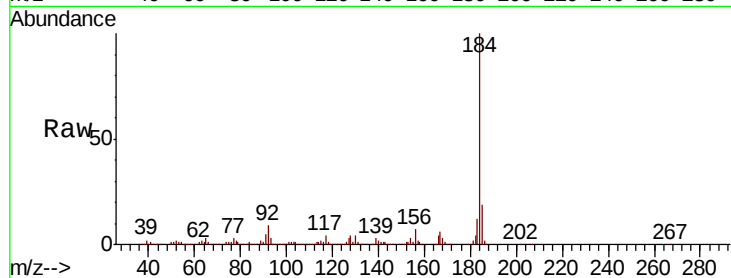
183 12.5 9.4 14.2

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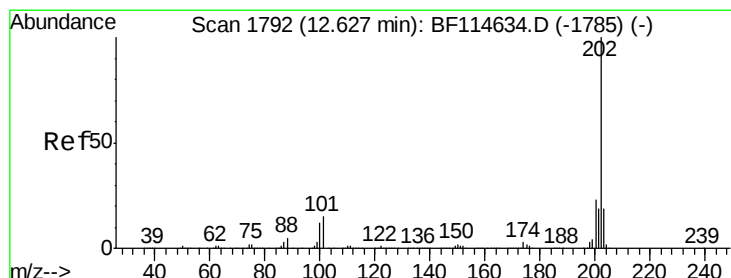
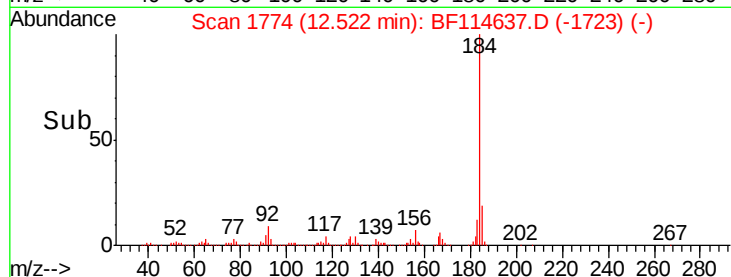
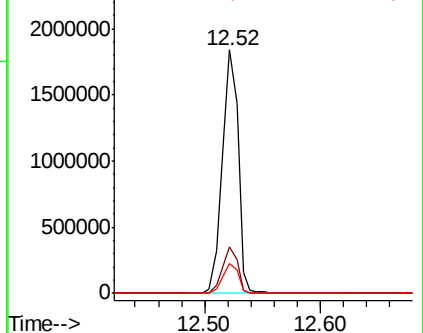
5/30/2019 12:47:46 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 86.879 ng/mL

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

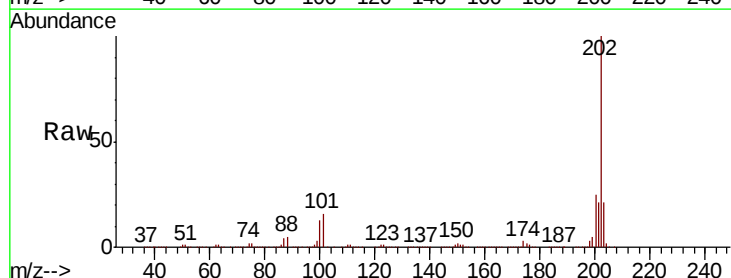
Tgt Ion:202 Resp: 4044591

Ion Ratio Lower Upper

202 100

200 25.1 18.6 28.0

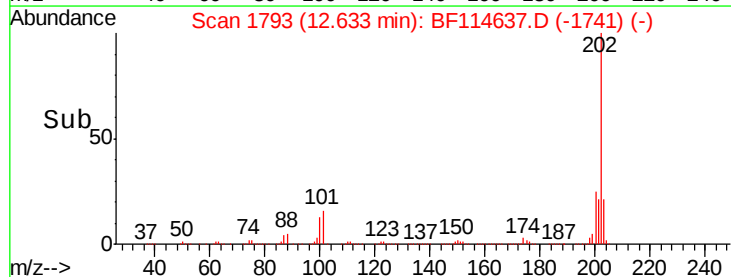
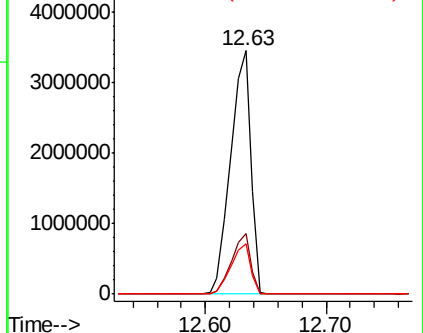
203 20.5 15.4 23.2

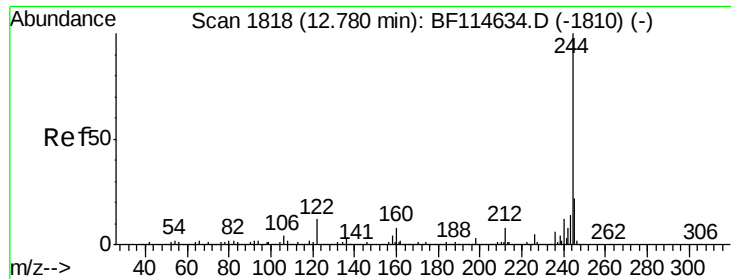


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





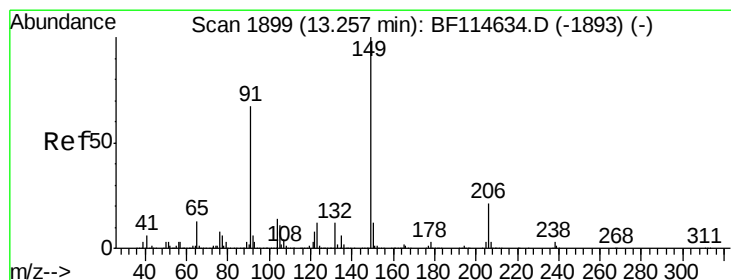
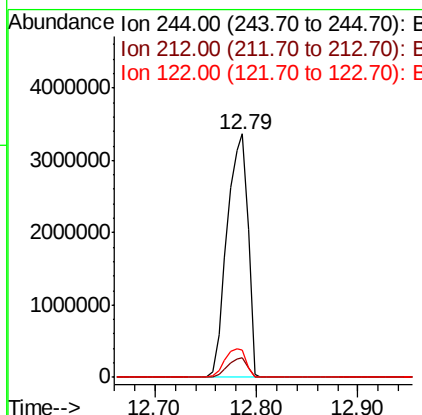
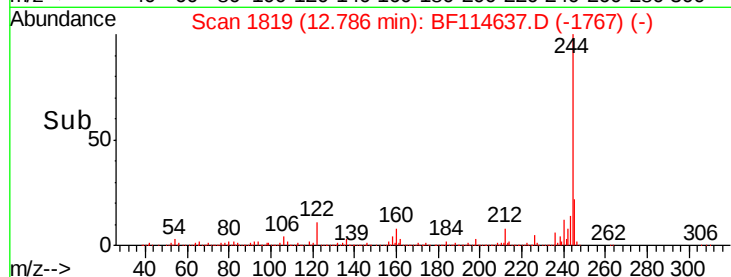
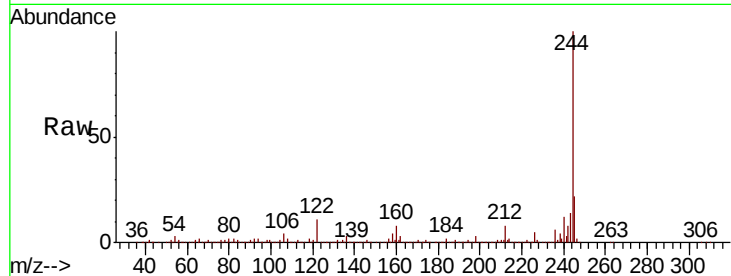
#79
 Terphenyl-d14
 Concen: 170.899 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:244 Resp: 4797644
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 11.5 9.8 14.8

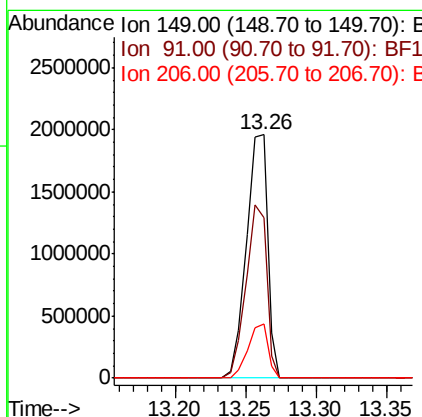
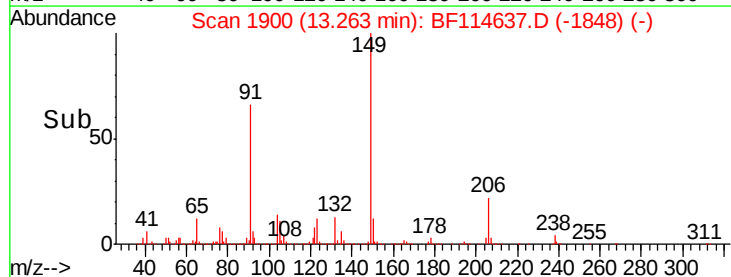
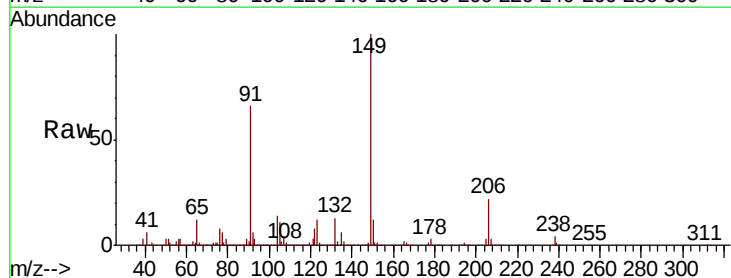
Manual Integrations
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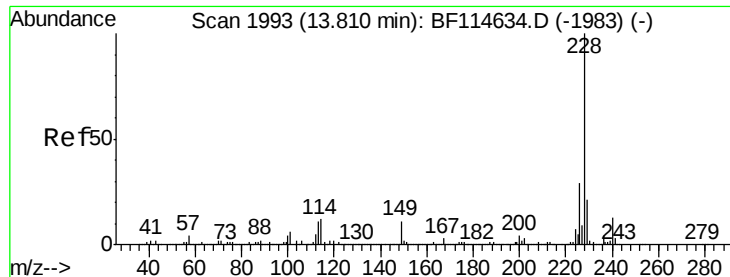
mohammad
 5/30/2019 12:47:46 PM



#80
 Butylbenzylphthalate
 Concen: 105.886 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion:149 Resp: 2074845
 Ion Ratio Lower Upper
 149 100
 91 65.8 53.8 80.8
 206 22.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 96.590 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:228 Resp: 3615404

Ion Ratio Lower Upper

228 100

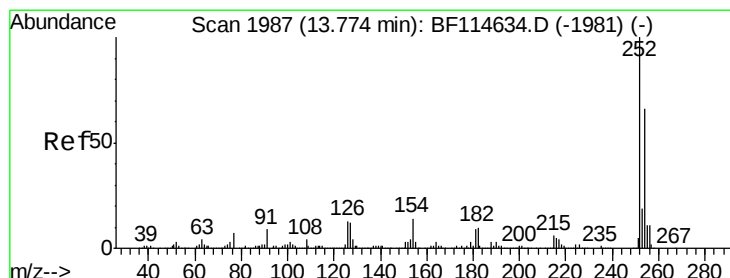
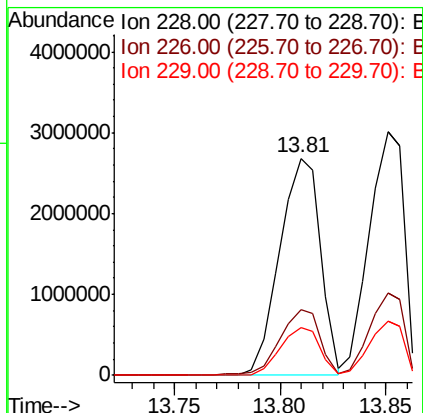
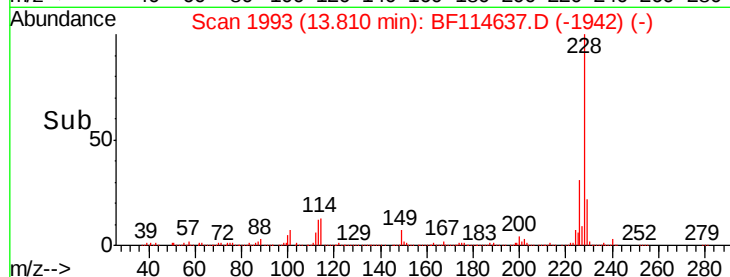
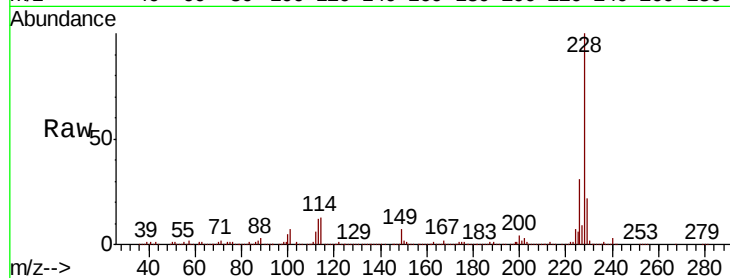
226 30.5 23.0 34.6

229 21.9 17.0 25.4

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#82

3,3'-Dichlorobenzidine

Concen: 94.169 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

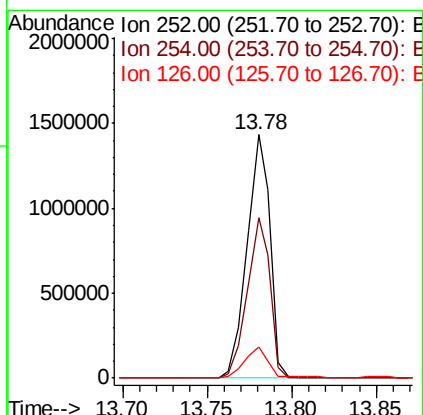
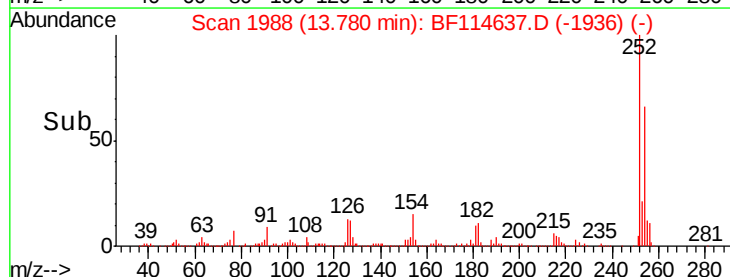
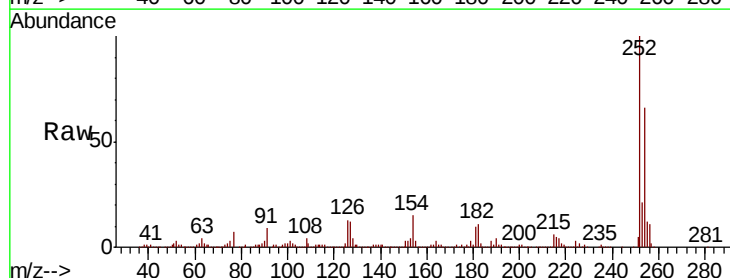
Tgt Ion:252 Resp: 1367365

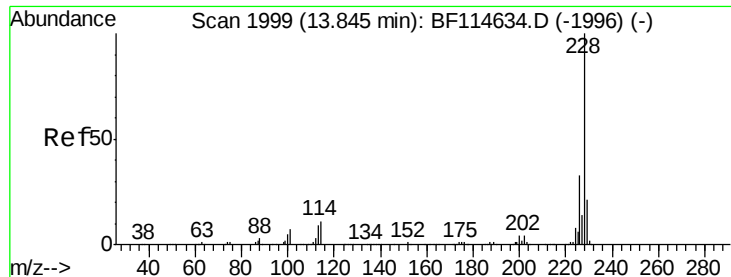
Ion Ratio Lower Upper

252 100

254 65.9 53.1 79.7

126 12.9 10.2 15.2





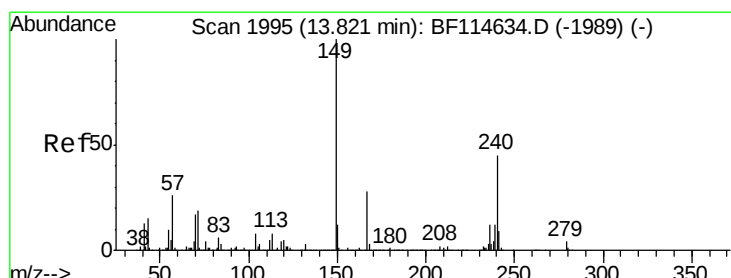
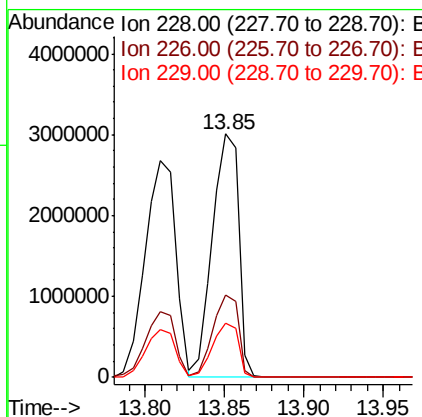
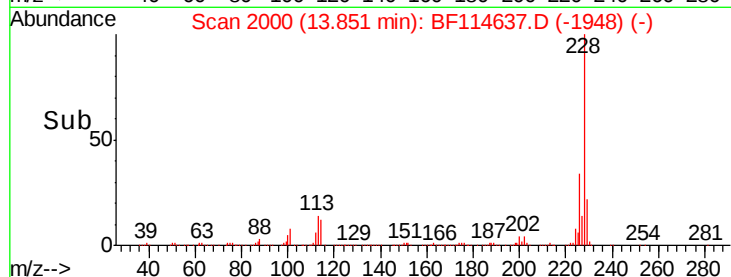
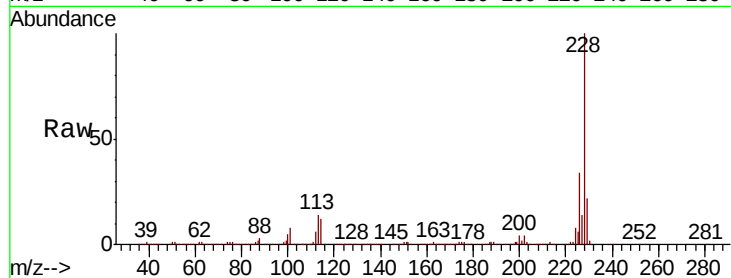
#83
 Chrysene
 Concen: 94.624 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	34.0	26.4	39.6	
229	22.4	17.1	25.7	

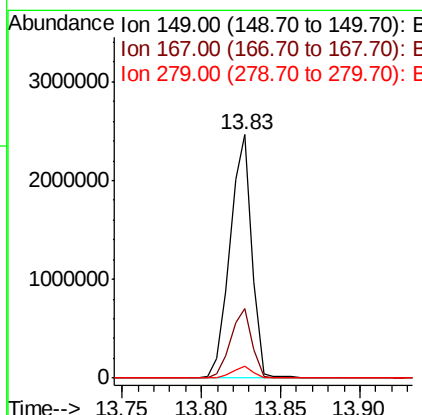
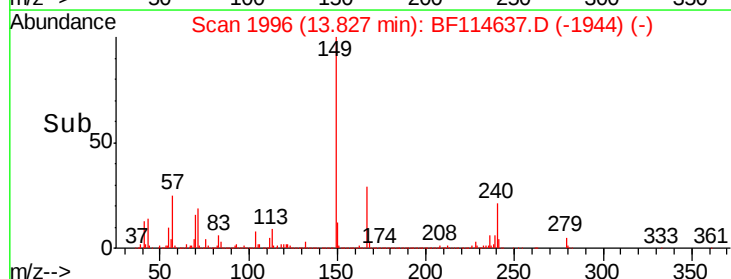
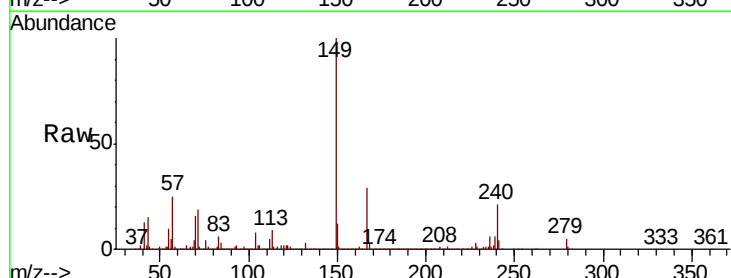
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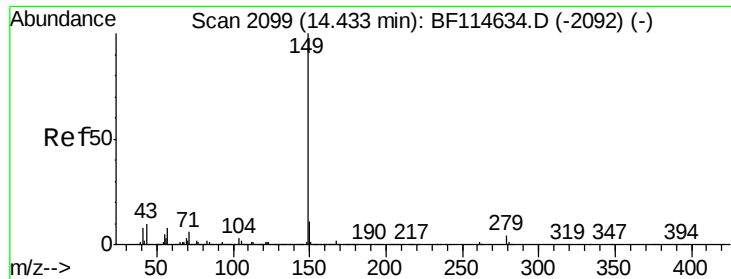
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 91.153 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114637.D
 Acq: 29 May 2019 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.6	22.6	33.8	
279	4.7	3.0	4.4#	





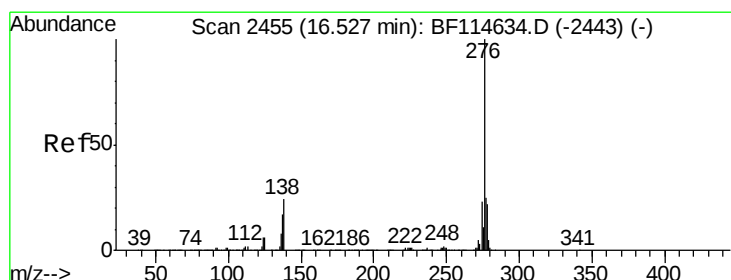
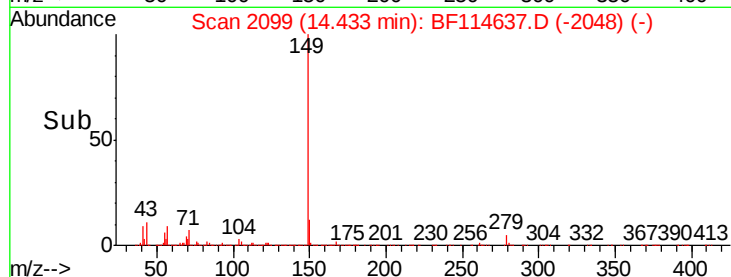
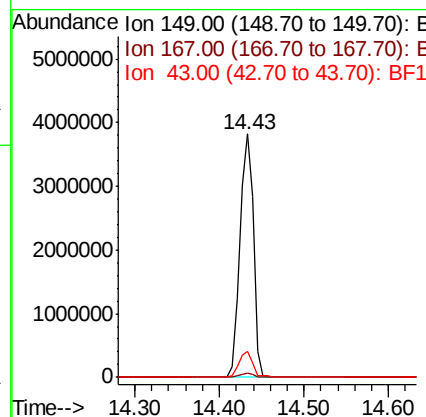
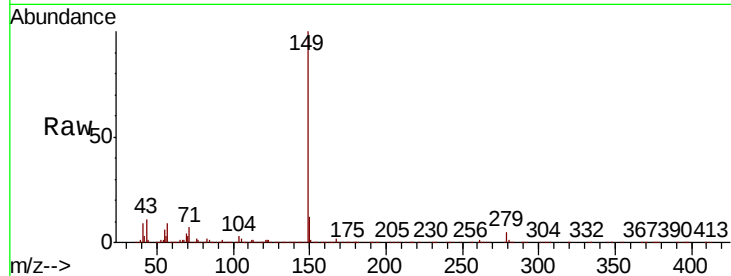
#85
Di-n-octyl phthalate
Concen: 98.262 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	10.6	8.0	12.0

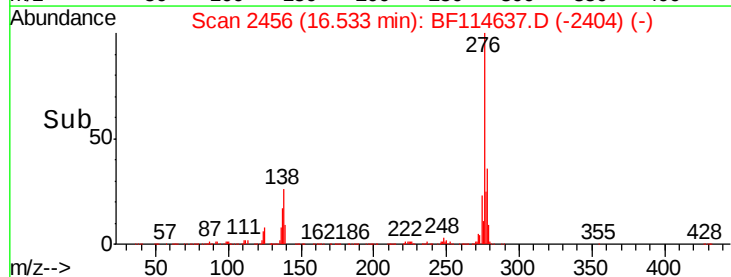
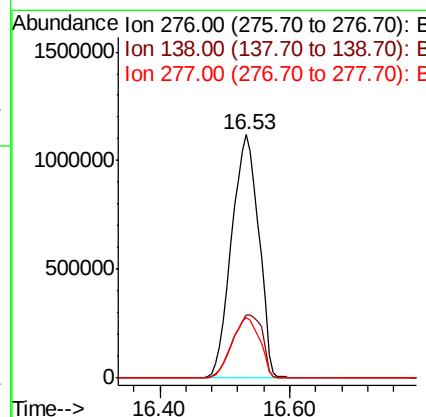
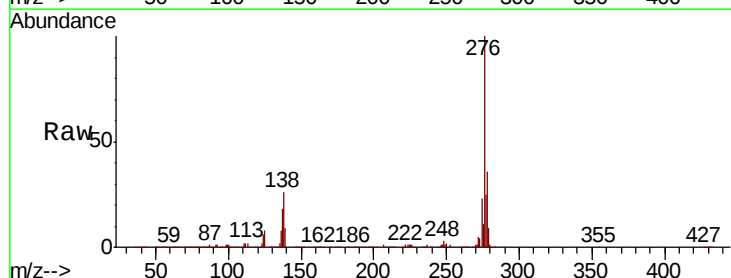
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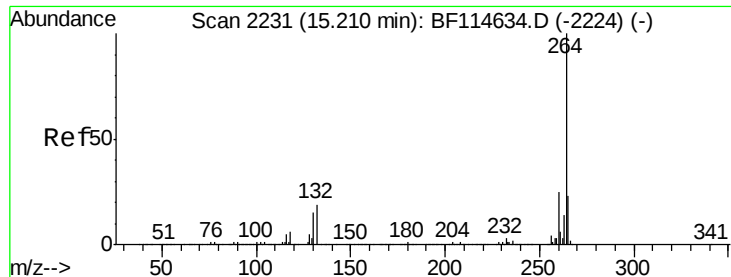
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 99.752 ng
RT: 16.53 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.0	34.6
277	25.7	20.5	30.7





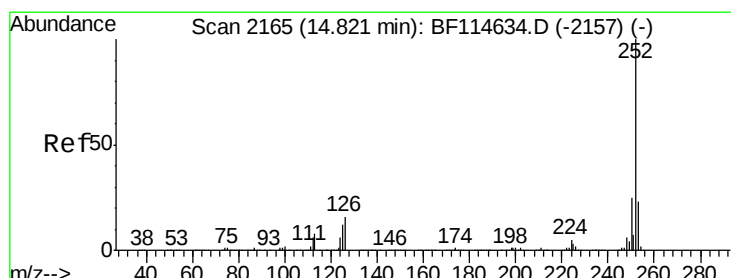
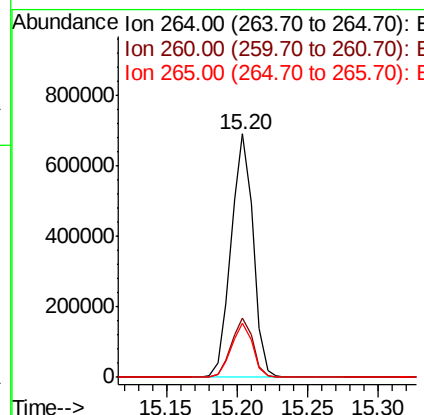
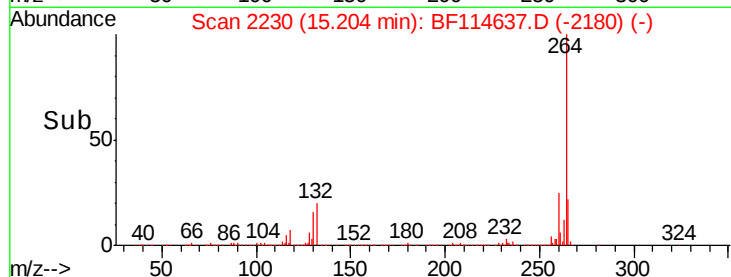
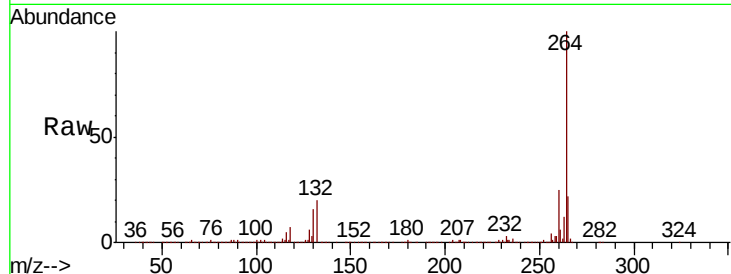
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.3	18.1	27.1

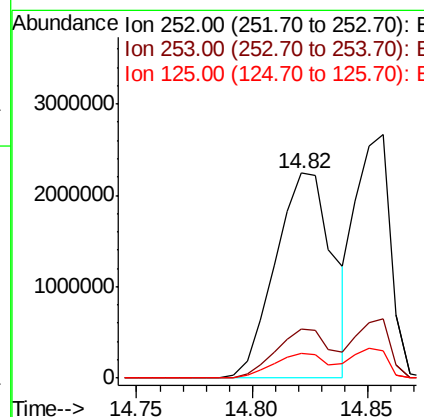
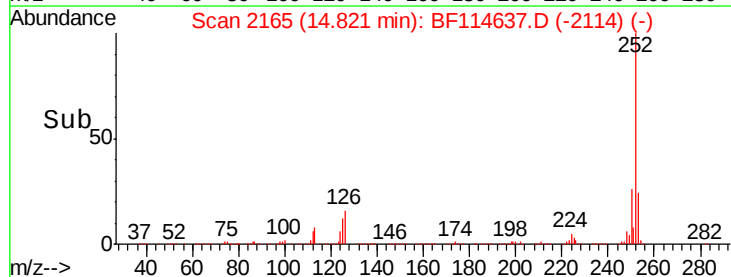
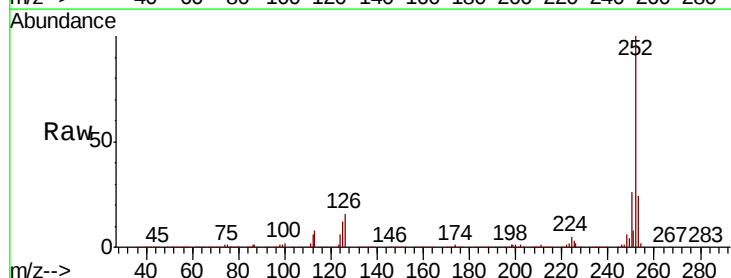
Manual Integrations
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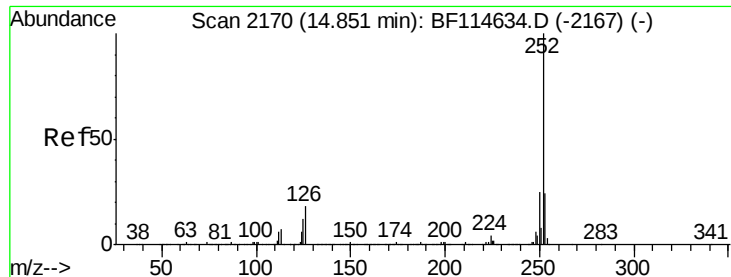
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#88
Benzo(b)fluoranthene
Concen: 81.279 ng
RT: 14.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.7	28.1
125	11.9	9.4	14.2





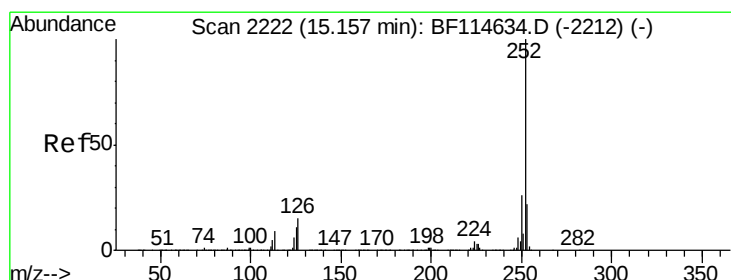
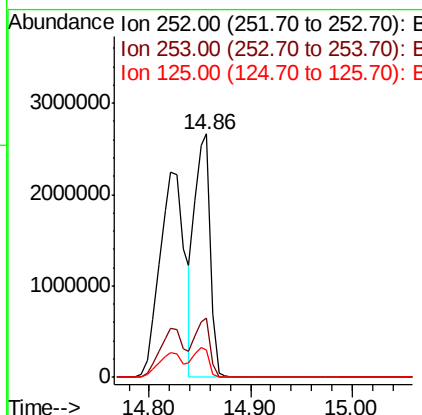
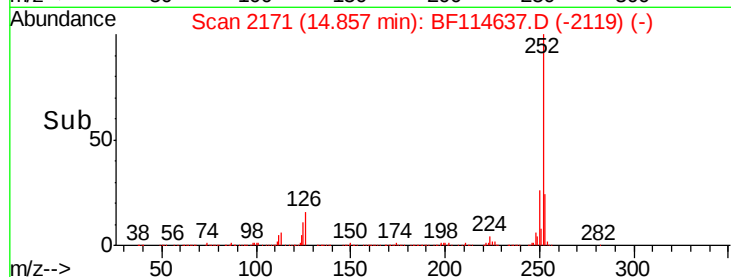
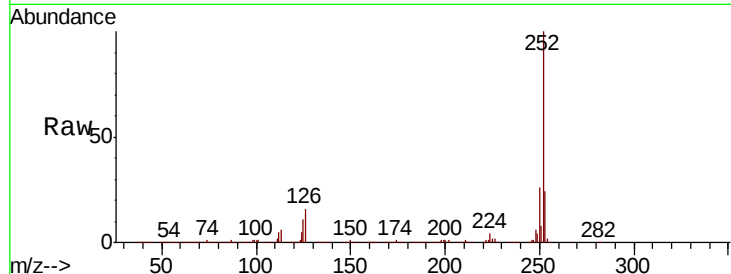
#89
Benzo(k)fluoranthene
Concen: 63.593 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.9	28.3
125	11.1	9.5	14.3

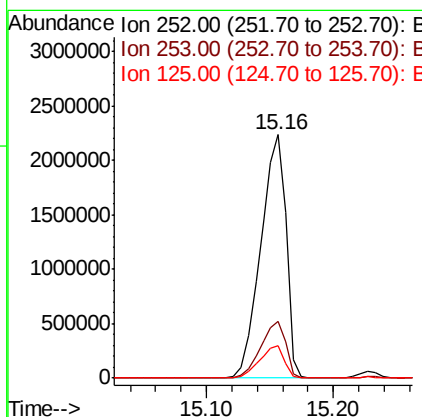
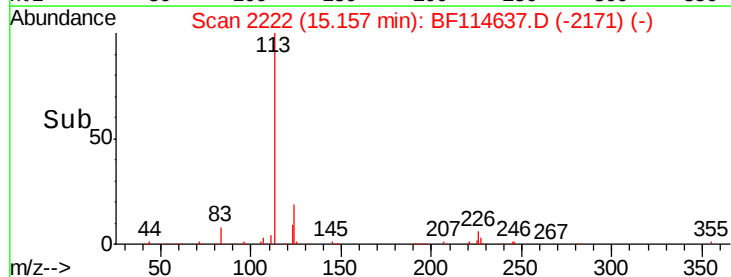
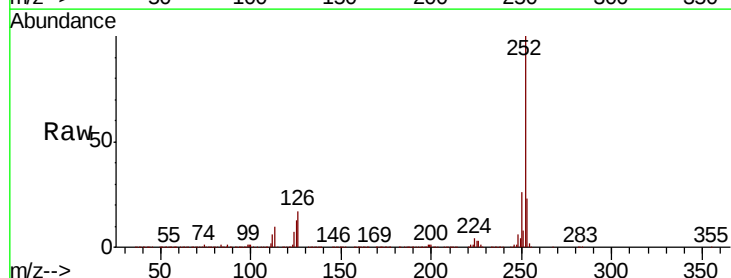
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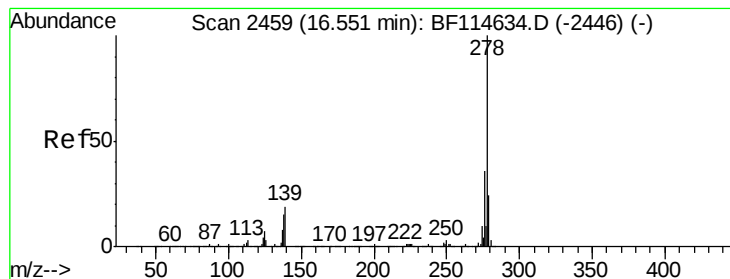
mohammad
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#90
Benzo(a)pyrene
Concen: 73.848 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF114637.D
Acq: 29 May 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.3	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 74.129 ng

RT: 16.56 min Scan# 2460

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:278 Resp: 2595591

Ion Ratio Lower Upper

278 100

139 18.6 14.9 22.3

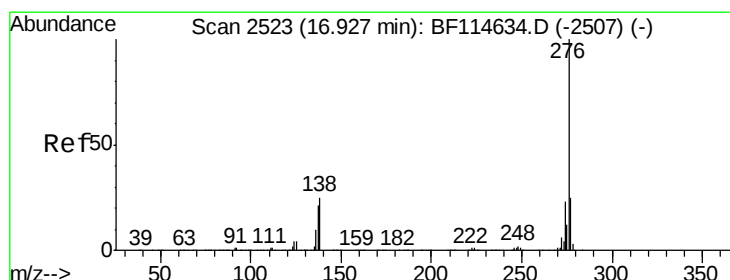
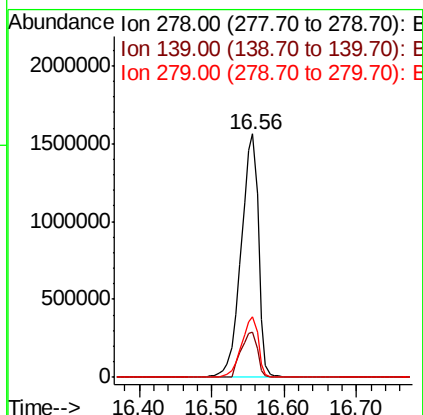
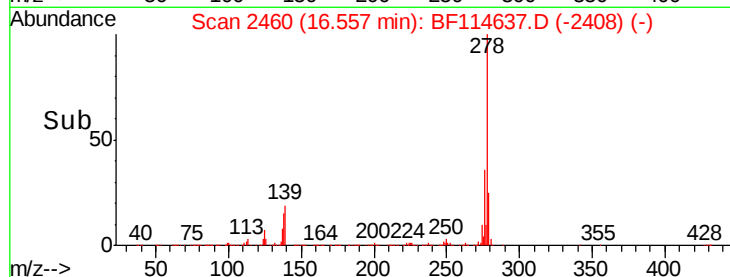
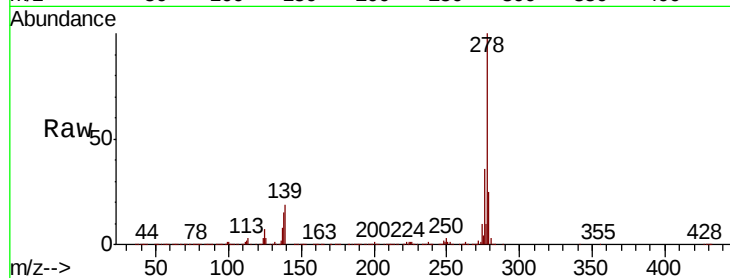
279 24.8 19.5 29.3

Manual Integrations

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#92

Benzo(g,h,i)perylene

Concen: 73.538 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BF114637.D

Acq: 29 May 2019 16:35

Tgt Ion:276 Resp: 2580431

Ion Ratio Lower Upper

276 100

277 24.6 19.7 29.5

138 25.7 19.8 29.8

