

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114638.D
 Acq On : 29 May 2019 17:02
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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mohammad
 5/30/2019 12:47:49 PM

Quant Time: May 29 19:16:31 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	315078	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1277585	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	632316	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1201226	20.00	ng	0.00
76) Chrysene-d12	13.83	240	515605	20.00	ng	0.01
87) Perylene-d12	15.21	264	692023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	3193788	163.12	ng	0.01
7) Phenol-d6	6.35	99	3706692	160.07	ng	0.02
23) Nitrobenzene-d5	7.27	82	3742168	164.38	ng	0.02
42) 2,4,6-Tribromophenol	10.52	330	1024090	156.66	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	12.79	244	5329690	213.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	836638	77.742	ng	99
3) Pyridine	3.04	79	2455270	82.806	ng	99
4) n-Nitrosodimethylamine	3.01	42	1016258	71.075	ng	99
6) Aniline	6.37	93	2887402	86.319	ng	94
8) 2-Chlorophenol	6.49	128	1802283	86.227	ng	98
9) Benzaldehyde	6.24	77	880672	54.324	ng	99
10) Phenol	6.36	94	2254220	82.751	ng	89
11) bis(2-Chloroethyl)ether	6.45	93	1785239	86.323	ng	100
12) 1,3-Dichlorobenzene	6.65	146	2051176	87.424	ng	98
13) 1,4-Dichlorobenzene	6.72	146	2039880	86.280	ng	97
14) 1,2-Dichlorobenzene	6.87	146	1752373	81.129	ng	97
15) Benzyl Alcohol	6.85	79	1391722	77.058	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2700542	67.347	ng	98
17) 2-Methylphenol	6.96	107	1645775	95.853	ng	100
18) Hexachloroethane	7.22	117	811021	91.388	ng	95
19) n-Nitroso-di-n-propylamine	7.14	70	1375366	93.703	ng	100
22) Acetophenone	7.12	105	2352889	83.133	ng	# 99
24) Nitrobenzene	7.29	77	1921977	82.892	ng	93
25) Isophorone	7.54	82	3908726	92.579	ng	98
26) 2-Nitrophenol	7.60	139	1057768	94.030	ng	98
27) 2,4-Dimethylphenol	7.65	122	1611386	91.204	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	2319073	84.656	ng	97
29) 2,4-Dichlorophenol	7.85	162	1631442	92.732	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1786380	89.294	ng	99
32) Benzoic acid	7.82	122	1268481m	109.641	ng	
33) 4-Chloroaniline	8.05	127	2616277	96.205	ng	99
34) Hexachlorobutadiene	8.13	225	971774	85.372	ng	99
35) Caprolactam	8.46	113	594592m	103.648	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1665598	94.054	ng	99
37) 2-Methylnaphthalene	8.69	142	3217180	83.555	ng	97
38) 1-Methylnaphthalene	8.79	142	3053516	84.212	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	1341804	70.053	ng	99
41) Hexachlorocyclopentadiene	8.85	237	942407	116.932	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	1225807	93.042	ng	99

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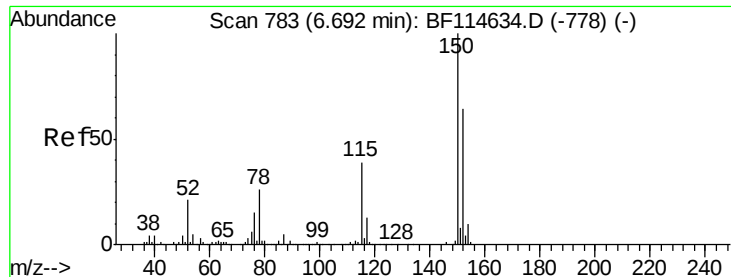
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.01	196	1188185	87.940	nq	98
47) 2-Chloronaphthalene	9.18	162	3154531	76.732	nq	94
48) 2-Nitroaniline	9.27	65	1116878	76.604	nq	98
50) Dimethylphthalate	9.47	163	3724179	80.231	nq	99
51) 2,6-Dinitrotoluene	9.52	165	966867	93.912	nq	93
52) Acenaphthene	9.77	154	2989109	77.904	nq	98
53) 3-Nitroaniline	9.69	138	1187866	92.946	nq	95
54) 2,4-Dinitrophenol	9.79	184	456435	110.537	nq #	87
56) 4-Nitrophenol	9.85	139	887399	98.185	nq	92
57) 2,4-Dinitrotoluene	9.92	165	1203034	86.091	nq	98
58) Fluorene	10.28	166	2569898	59.135	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	940662	80.687	nq	99
60) Diethylphthalate	10.16	149	3719041	78.854	nq	96
61) 4-Chlorophenyl-phenylether	10.27	204	1284262	60.168	nq	97
62) 4-Nitroaniline	10.31	138	1173112	87.353	nq	98
63) Azobenzene	10.43	77	3321289	72.753	nq	93
65) 4,6-Dinitro-2-methylphenol	10.33	198	590163	102.245	nq	81
66) n-Nitrosodiphenylamine	10.39	169	3018763	82.802	nq	98
67) 4-Bromophenyl-phenylether	10.76	248	1111512	84.040	nq	96
68) Hexachlorobenzene	10.82	284	1194295	81.625	nq	99
70) Pentachlorophenol	11.01	266	717566	103.456	nq	99
74) Di-n-butylphthalate	11.77	149	4941428	76.626	nq	96
75) Fluoranthene	12.41	202	4576220	72.715	nq	98
77) Benzidine	12.53	184	1887508m	81.553	nq	
78) Pyrene	12.63	202	4710042	113.555	nq	97
80) Butylbenzylphthalate	13.26	149	2436021	139.533	nq	98
81) Benzo(a)anthracene	13.82	228	4074395	122.174	nq	97
82) 3,3'-Dichlorobenzidine	13.79	252	1503291	116.201	nq	99
83) Chrysene	13.86	228	3894470	119.128	nq	97
84) Bis(2-ethylhexyl)phthalate	13.83	149	2623371	114.892	nq #	98
85) Di-n-octyl phthalate	14.44	149	4630494	125.100	nq	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	3791944	131.245	nq	100
88) Benzo(b)fluoranthene	14.83	252	4026022	90.809	nq	98
89) Benzo(k)fluoranthene	14.86	252	3507752m	86.130	nq	
90) Benzo(a)pyrene	15.16	252	3521928	90.263	nq	97
91) Dibenzo(a,h)anthracene	16.56	278	2979350	91.891	nq	99
92) Benzo(g,h,i)perylene	16.94	276	3078299	94.740	nq	99

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



#1

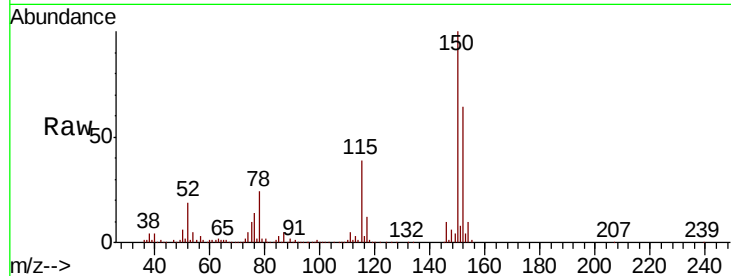
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.4	186.6
115	60.2	48.7	73.1

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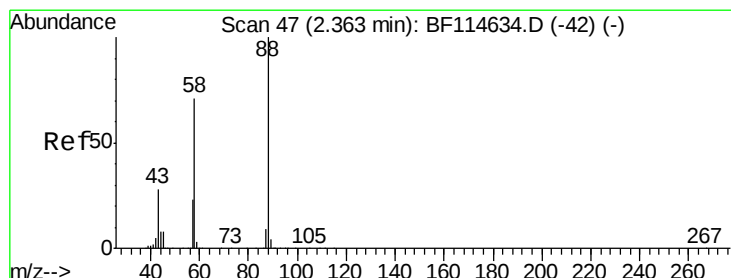
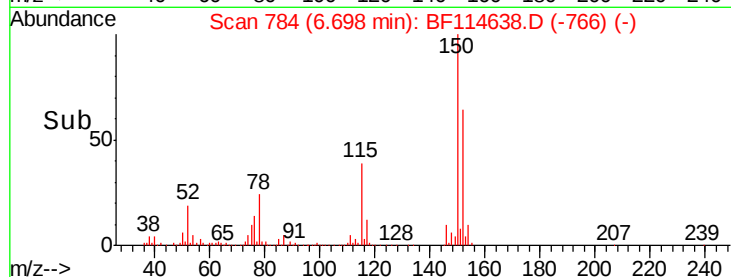
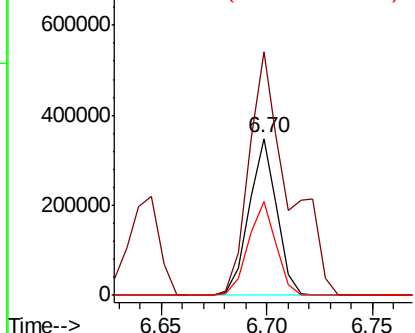


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

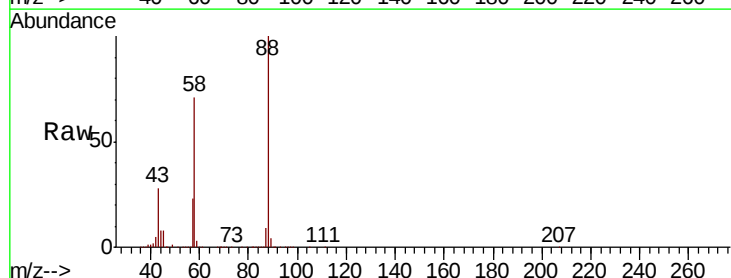
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 77.742 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	57.2	85.8
43	27.4	22.6	33.8

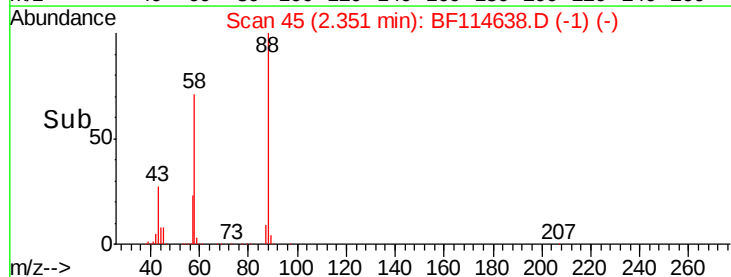
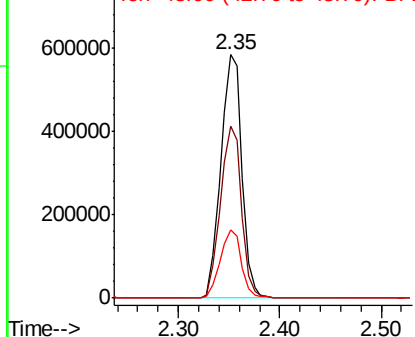


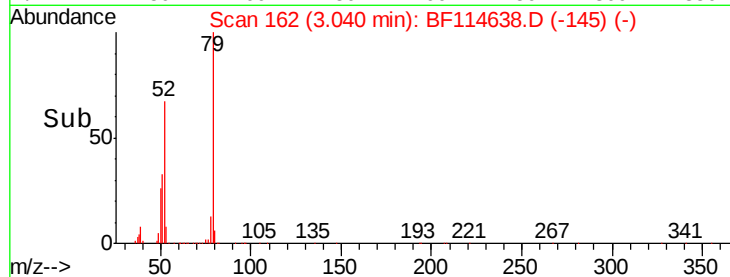
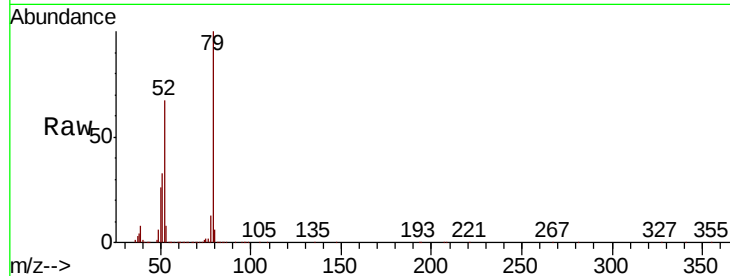
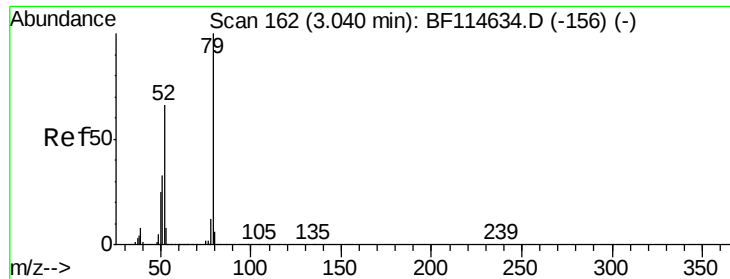
Abundance

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: 82.806 ng
 RT: 3.04 min Scan# 162
 Delta R.T. -0.00 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

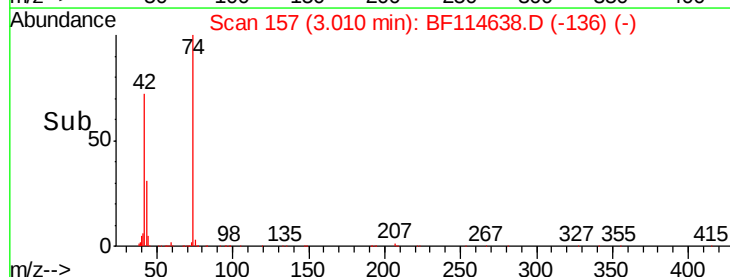
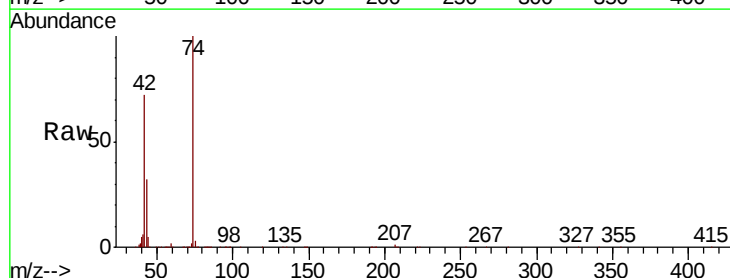
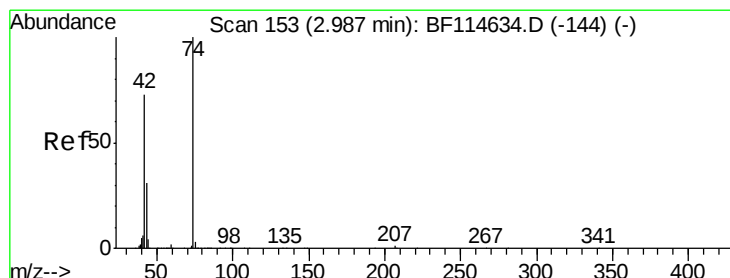
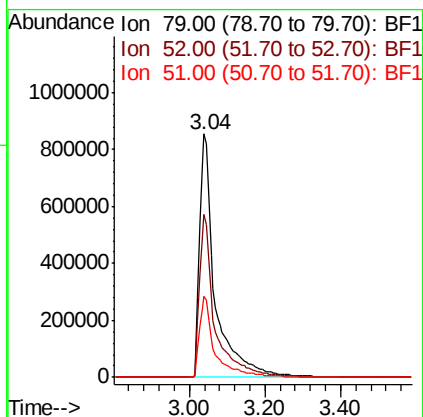
Tot Ion: 79 Resp: 2455270

Ion	Ratio	Lower	Upper
79	100		
52	66.8	52.8	79.2
51	33.2	26.3	39.5

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
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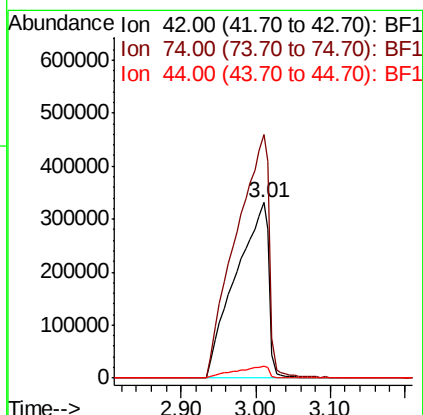
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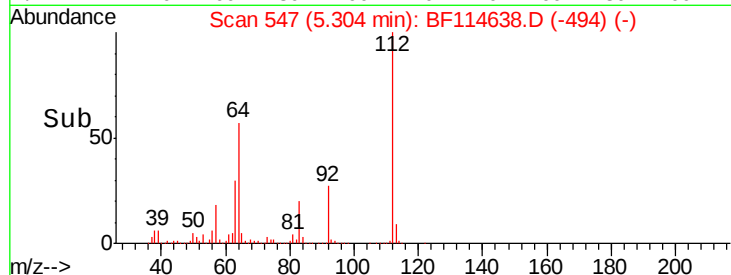
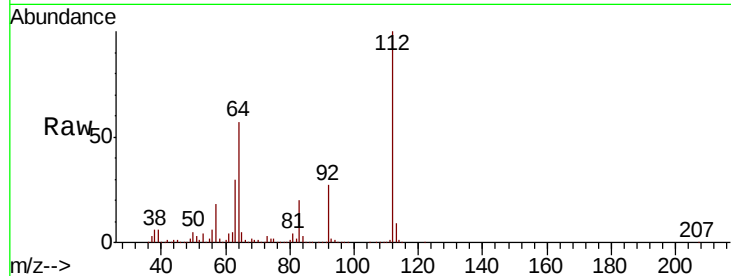
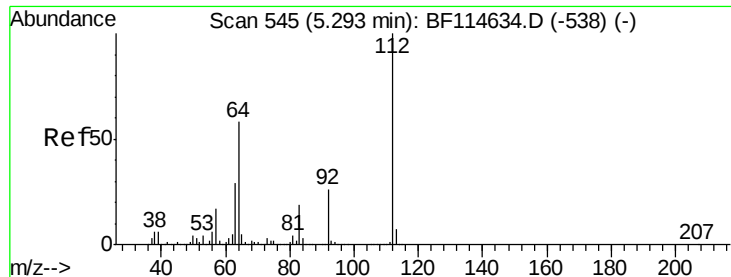


#4
 n-Nitrosodimethylamine
 Concen: 71.075 ng
 RT: 3.01 min Scan# 157
 Delta R.T. 0.02 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion: 42 Resp: 1016258

Ion	Ratio	Lower	Upper
42	100		
74	138.7	110.0	165.0
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 163.123 ng

RT: 5.30 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tot Ion:	112	Resp:	3193788
Ion	Ratio	Lower	Upper
112	100		
64	57.2	46.1	69.1
63	30.1	23.4	35.2

Instrument :

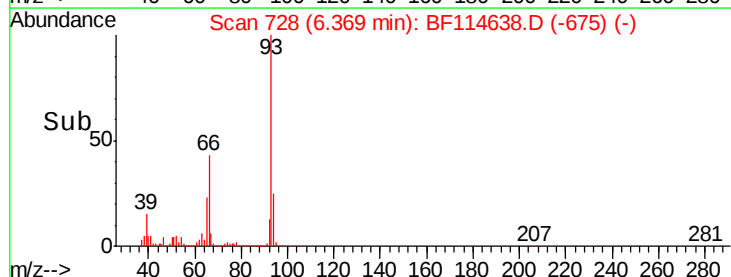
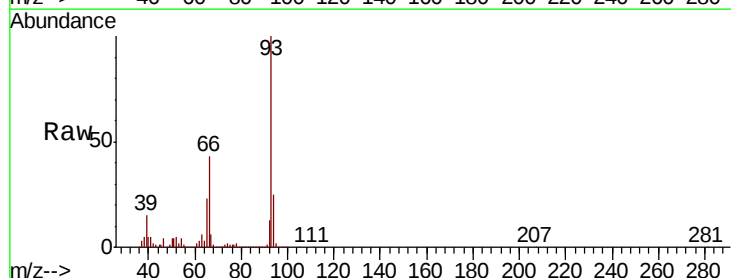
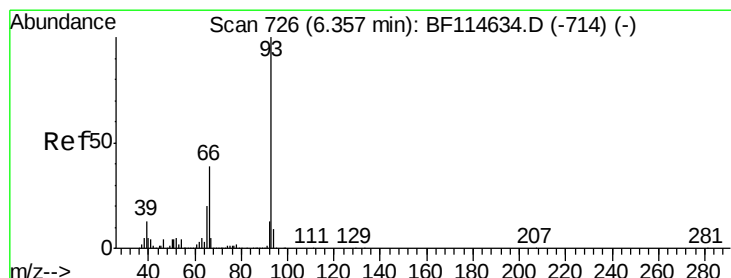
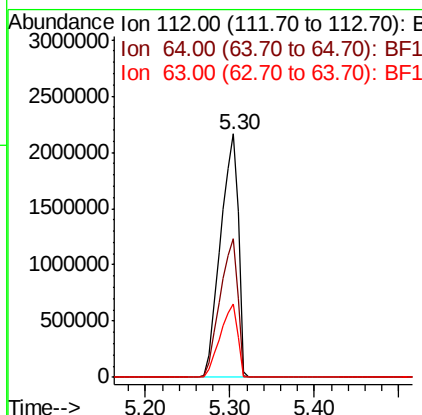
BNA_F

ClientSampleId :

SSTDICC100

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#6

Aniline

Concen: 86.319 ng

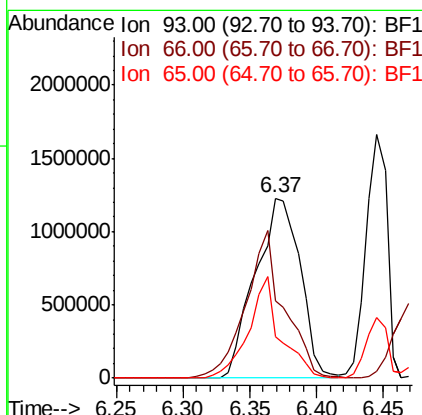
RT: 6.37 min Scan# 728

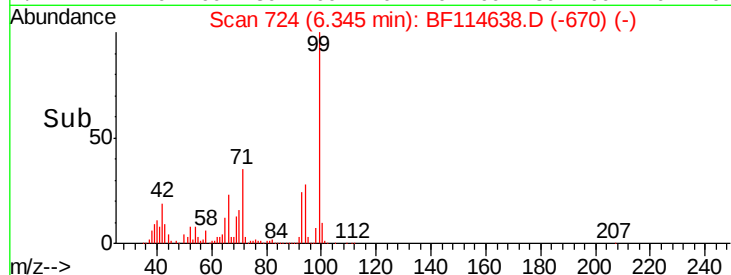
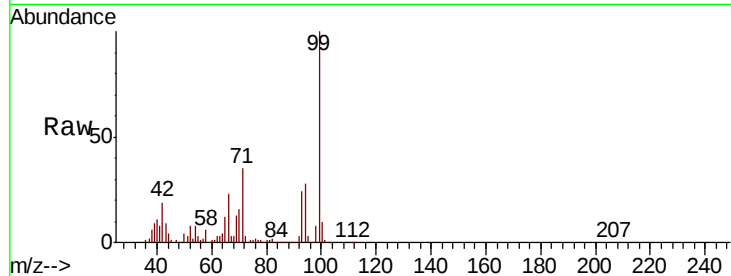
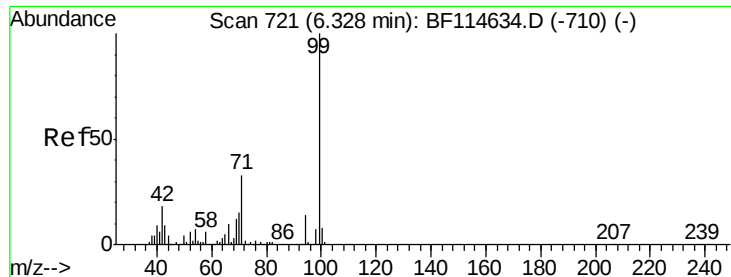
Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tgt Ion:	93	Resp:	2887402
Ion	Ratio	Lower	Upper
93	100		
66	43.0	31.4	47.2
65	23.0	16.2	24.2





#7

Phenol-d6

Concen: 160.070 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tot Ion: 99 Resp: 3706692

Ion Ratio Lower Upper

99 100

42 19.2 14.7 22.1

71 35.0 26.6 40.0

Instrument :

BNA_F

ClientSampleId :

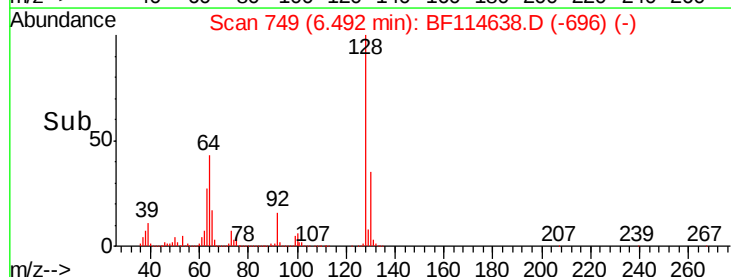
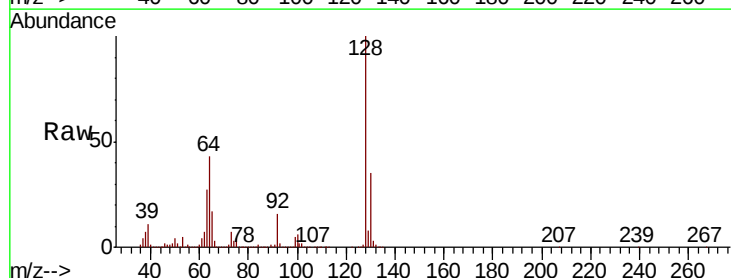
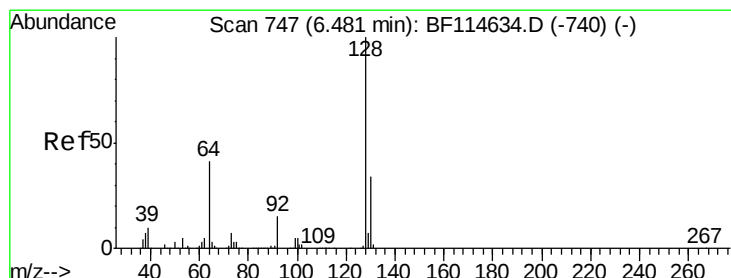
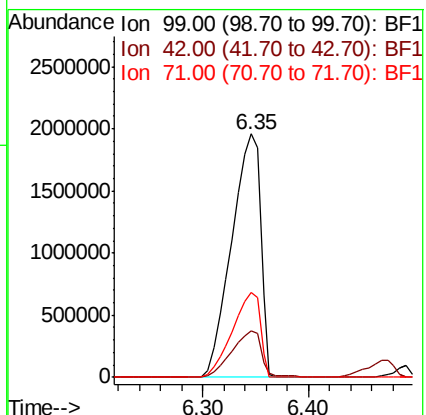
SSTDIC100

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#8

2-Chlorophenol

Concen: 86.227 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

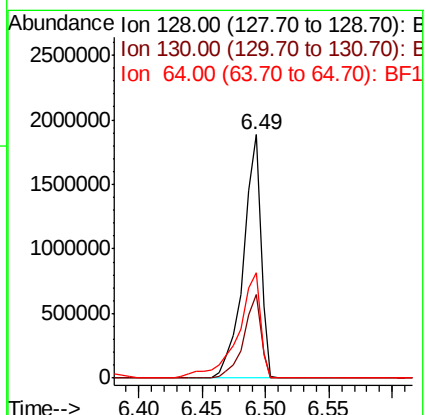
Tgt Ion:128 Resp: 1802283

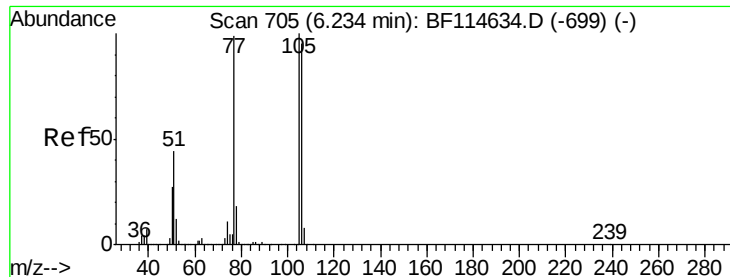
Ion Ratio Lower Upper

128 100

130 34.6 13.9 53.9

64 43.1 22.0 62.0





#9

Benzaldehyde

Concen: 54.324 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

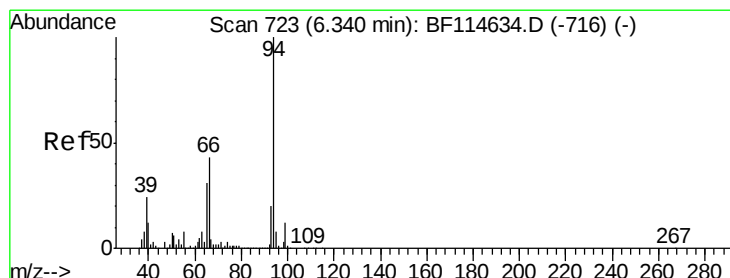
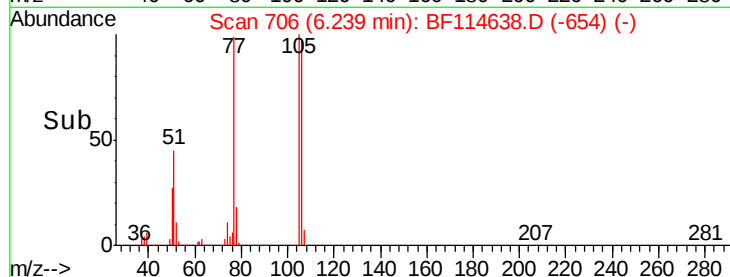
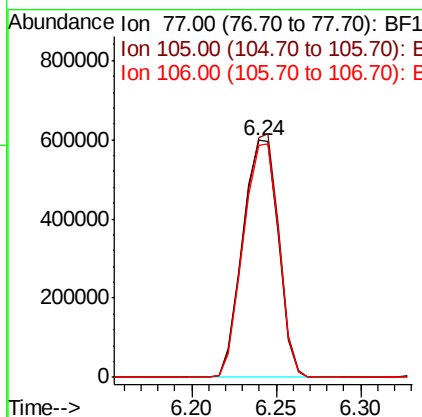
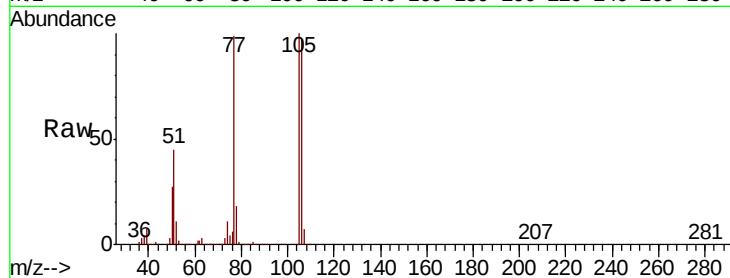
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.3	80.8	120.8
106	97.8	76.2	116.2

Manual Integrations
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#10

Phenol

Concen: 82.751 ng

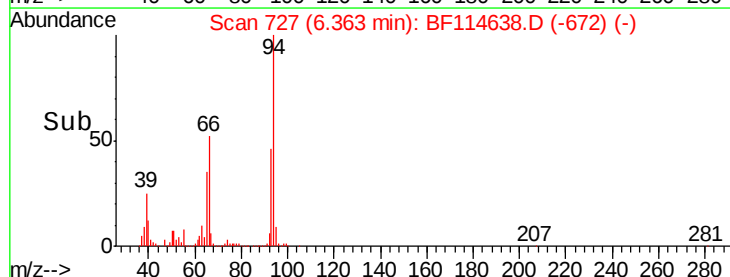
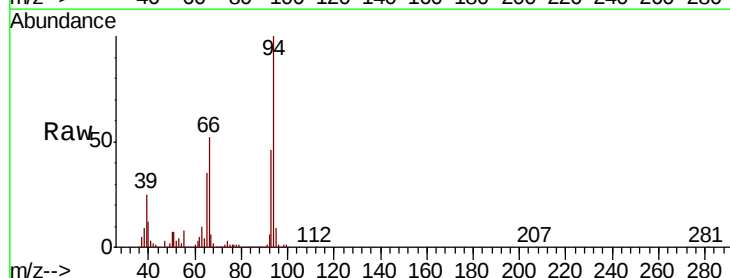
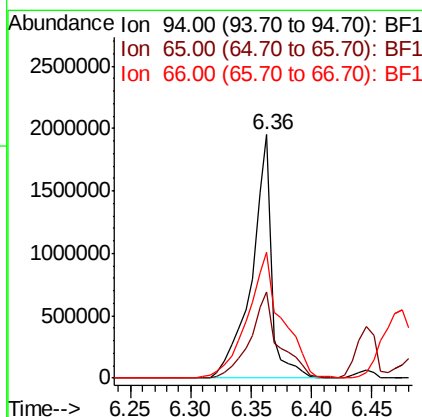
RT: 6.36 min Scan# 727

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.4	11.0	51.0
66	51.8	23.0	63.0





#11

bis(2-Chloroethyl)ether

Concen: 86.323 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 93 Resp: 1785239

Ion Ratio Lower Upper

93 100

63 74.9 55.0 95.0

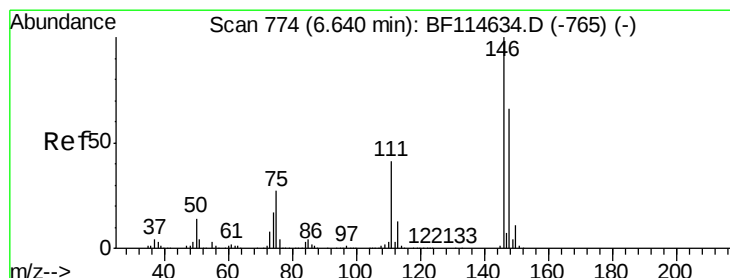
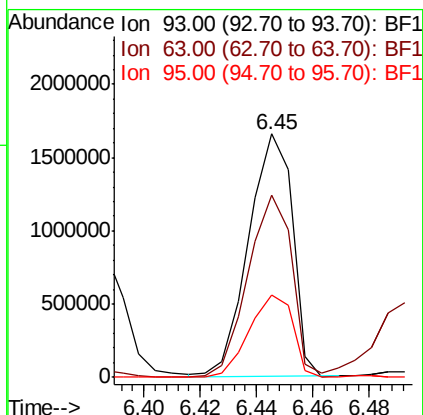
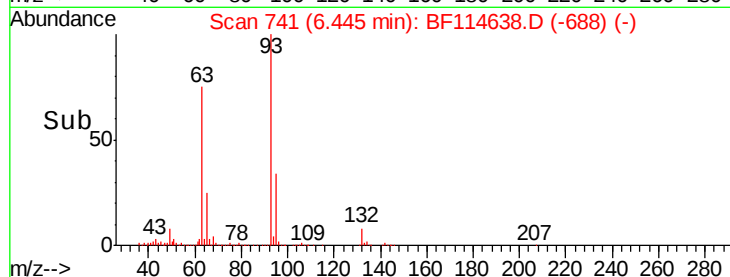
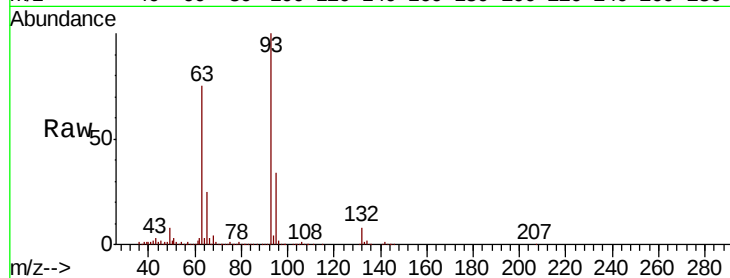
95 33.8 13.5 53.5

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#12

1,3-Dichlorobenzene

Concen: 87.424 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

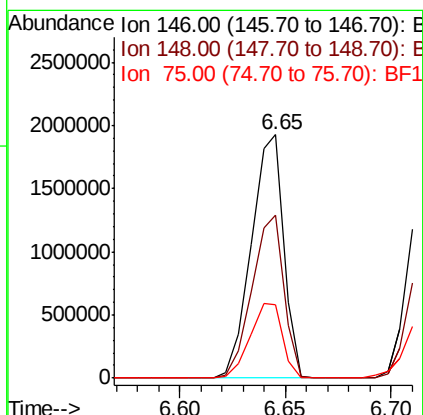
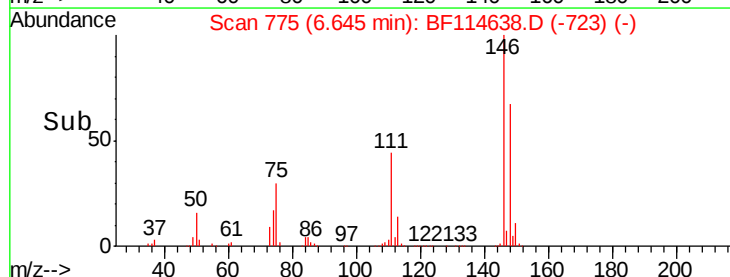
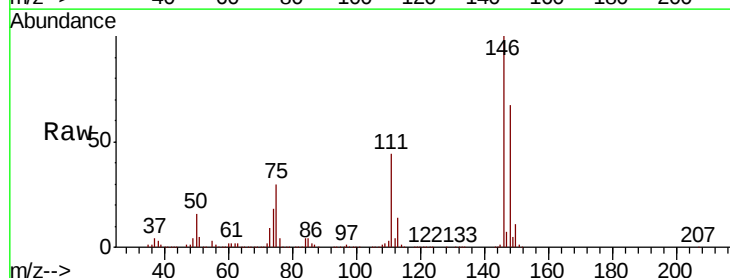
Tgt Ion: 146 Resp: 2051176

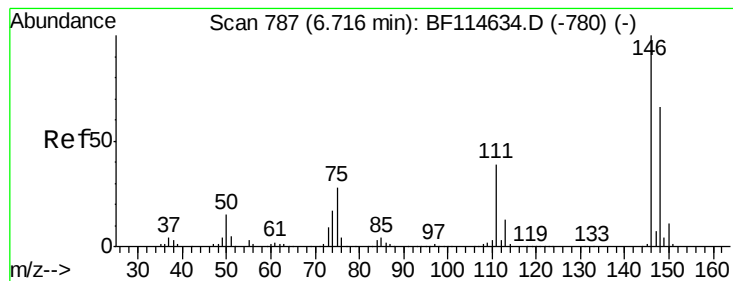
Ion Ratio Lower Upper

146 100

148 67.0 52.9 79.3

75 30.0 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 86.280 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:146 Resp: 2039880

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

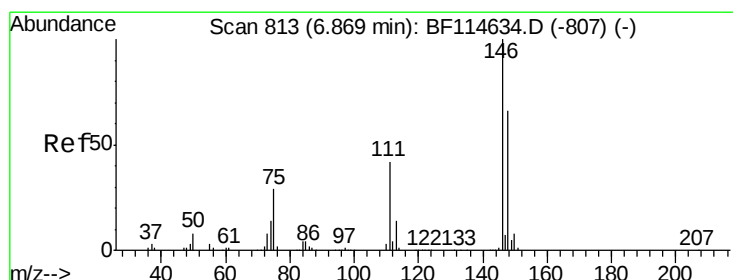
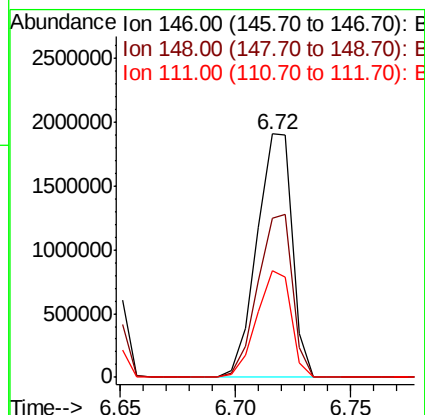
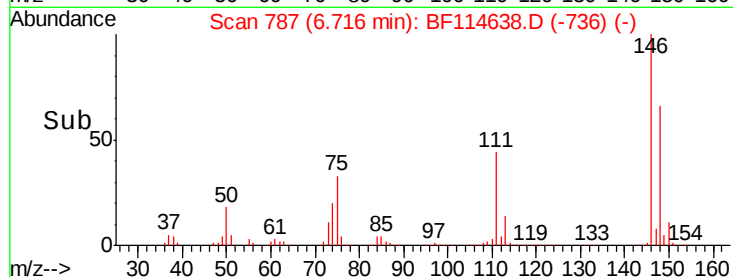
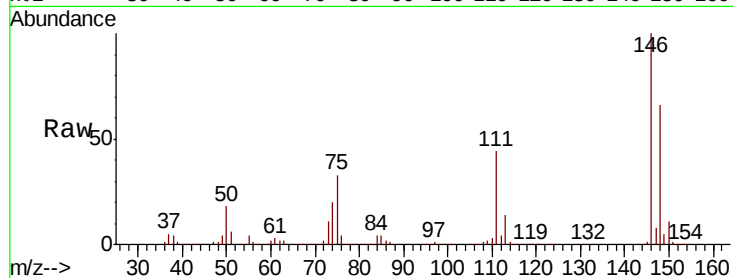
111 43.7 31.4 47.2

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#14

1,2-Dichlorobenzene

Concen: 81.129 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

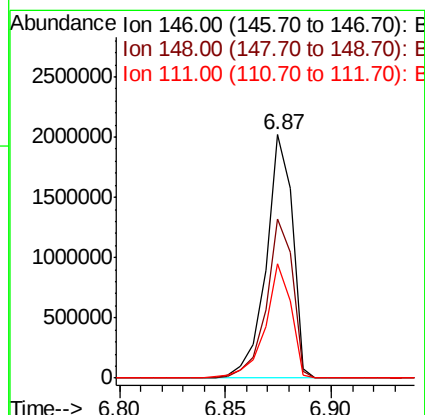
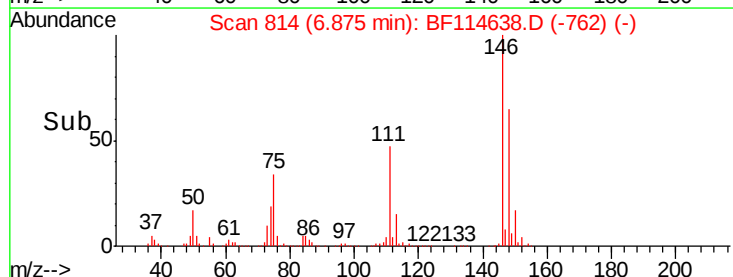
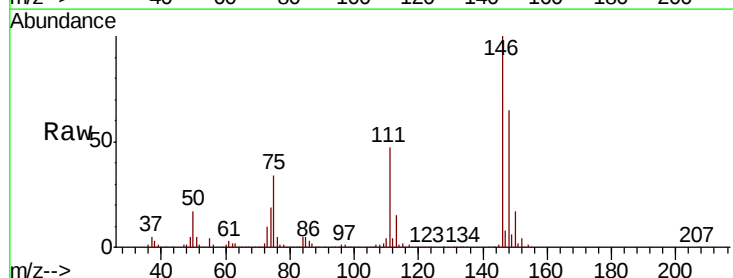
Tgt Ion:146 Resp: 1752373

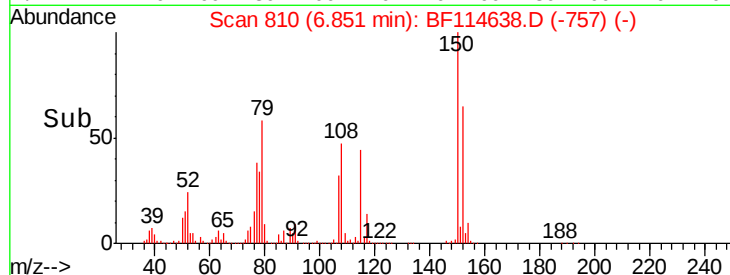
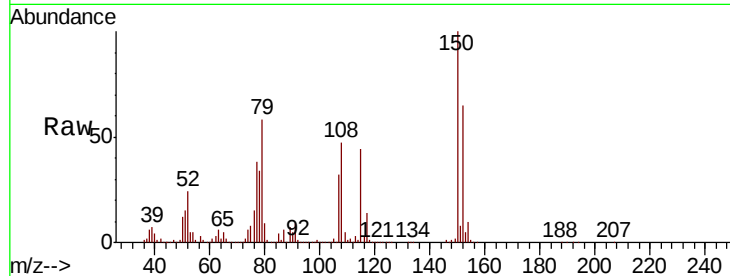
Ion Ratio Lower Upper

146 100

148 65.2 52.6 79.0

111 46.9 34.1 51.1





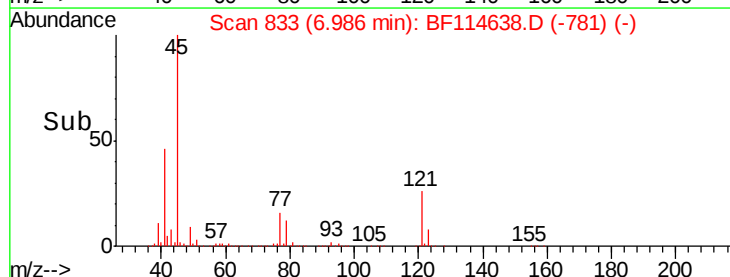
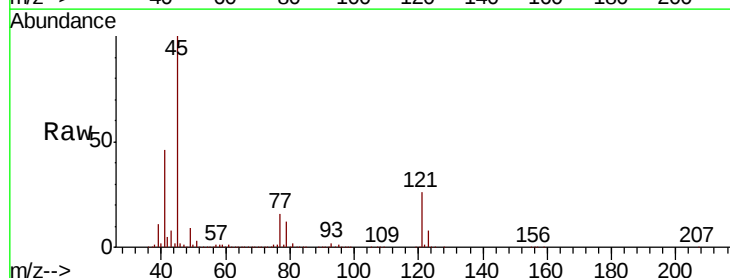
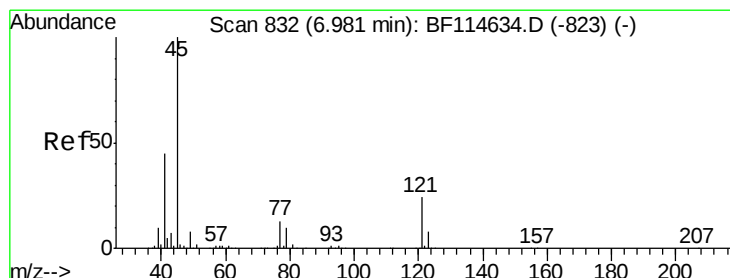
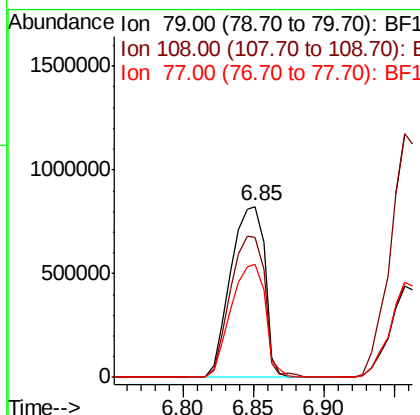
#15
Benzyl Alcohol
Concen: 77.058 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tot Ion: 79 Resp: 1391722
Ion Ratio Lower Upper
79 100
108 81.6 67.8 101.8
77 65.7 50.7 76.1

Instrument :
BNA_F
ClientSampled :
SSTDICC100

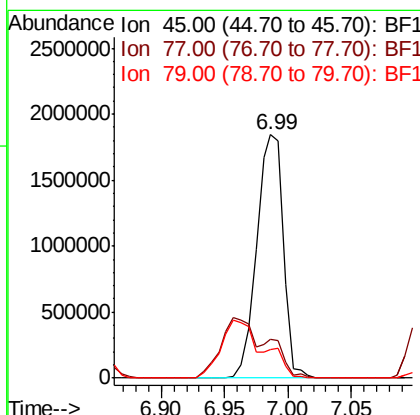
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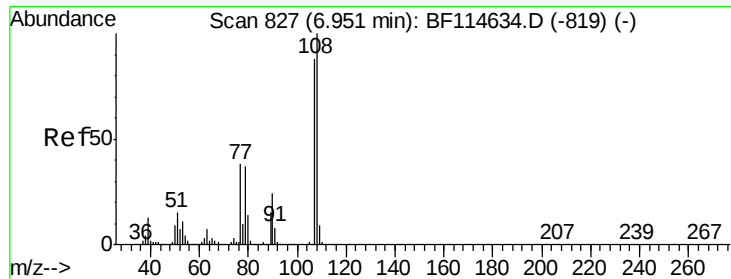
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 67.347 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion: 45 Resp: 2700542
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.7
79 11.9 0.0 31.3





#17

2-Methylphenol

Concen: 95.853 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:107 Resp: 1645775

Ion Ratio Lower Upper

107 100

108 114.0 91.1 136.7

77 44.3 34.9 52.3

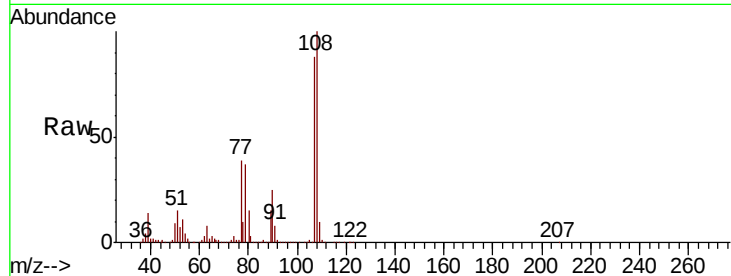
79 42.7 33.8 50.6

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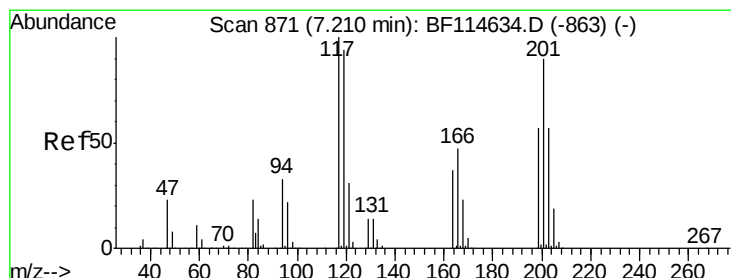
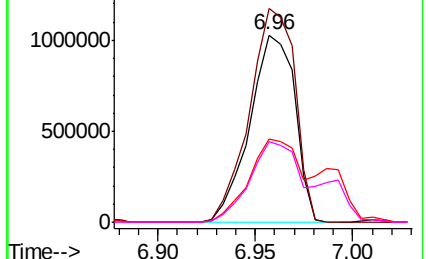
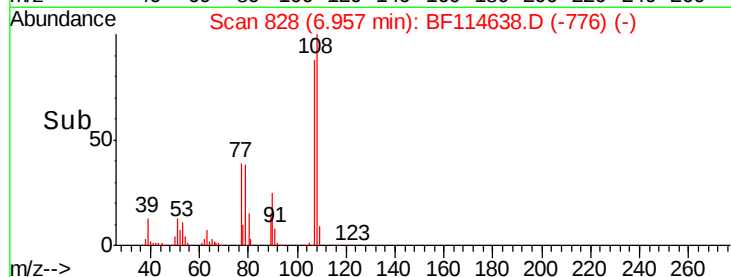


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 91.388 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

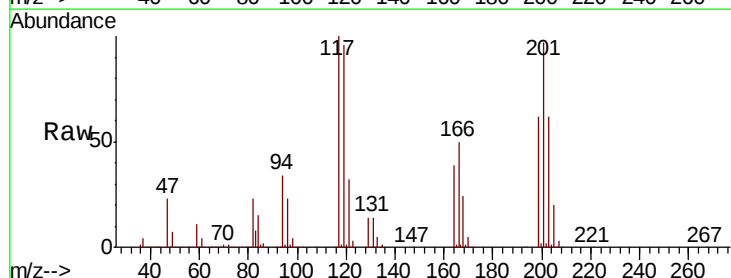
Tgt Ion:117 Resp: 811021

Ion Ratio Lower Upper

117 100

119 96.2 75.6 113.4

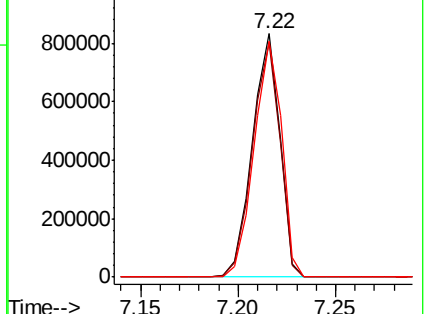
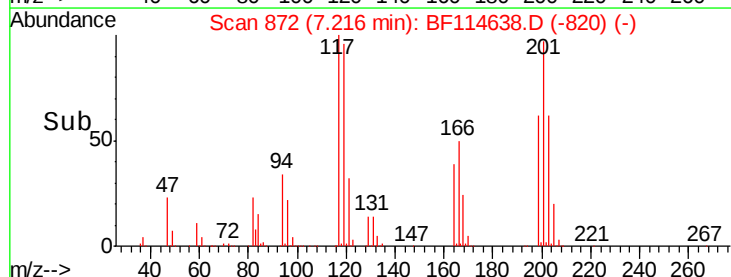
201 97.0 71.7 107.5

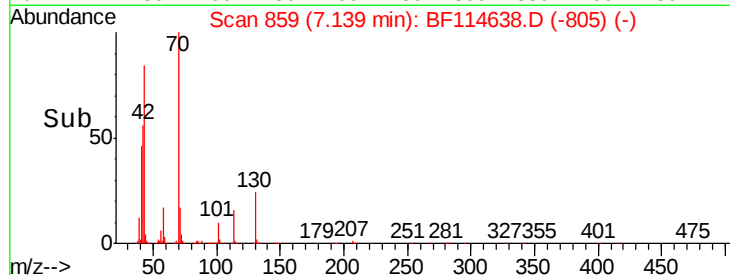
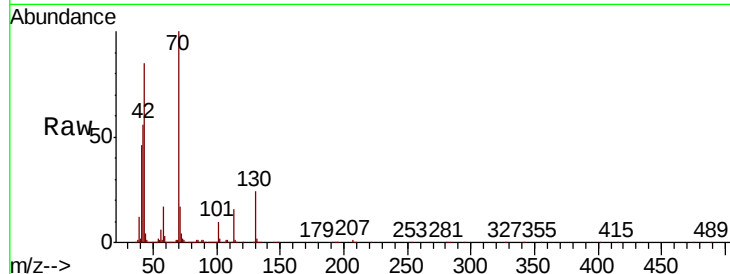
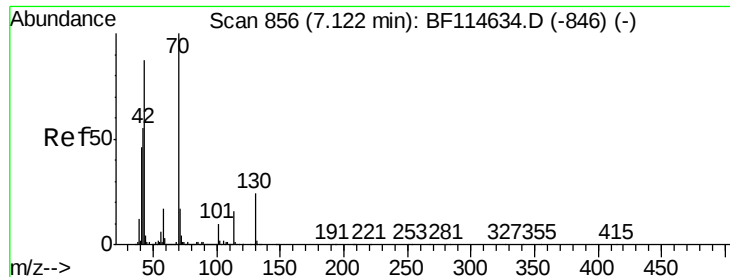


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





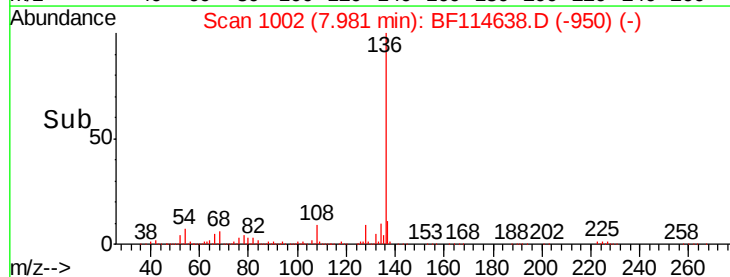
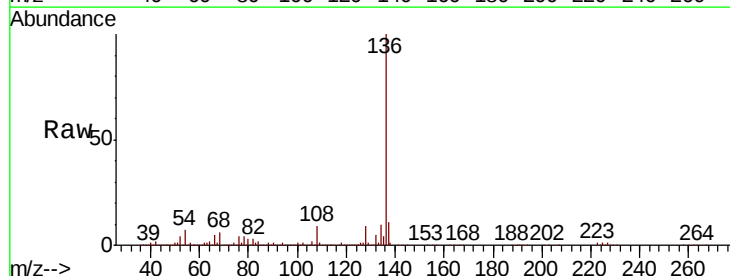
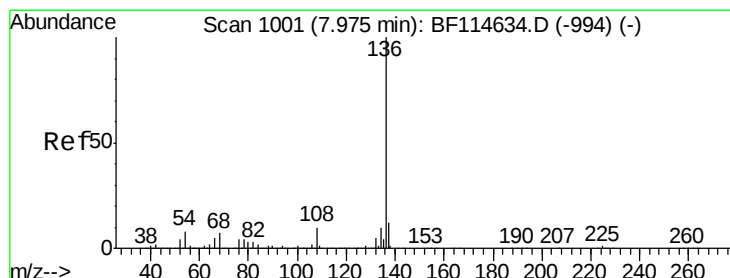
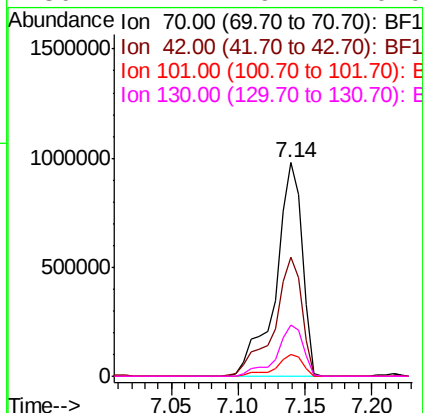
#19
n-Nitroso-di-n-propylamine
Concen: 93.703 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.8	44.4	66.6	
101	10.1	8.2	12.4	
130	24.2	19.4	29.0	

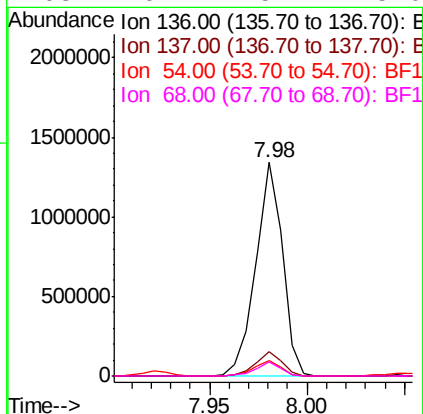
Manual Integrations
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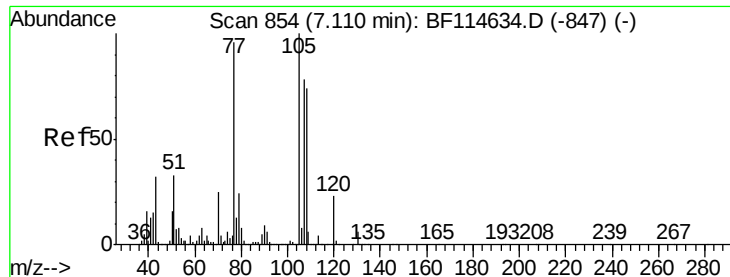
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	7.5	6.3	9.5	
68	6.4	5.4	8.0	





#22

Acetophenone

Concen: 83.133 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:105 Resp: 2352889

Ion Ratio Lower Upper

105 100

71 2.2 3.6 5.4#

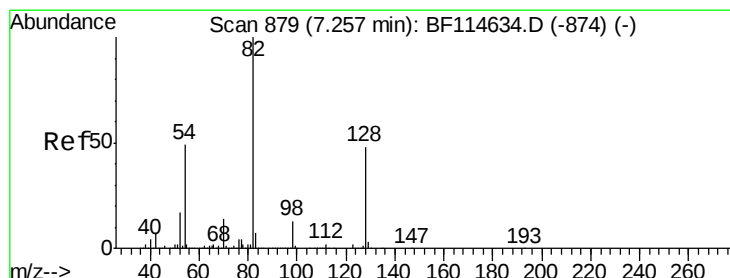
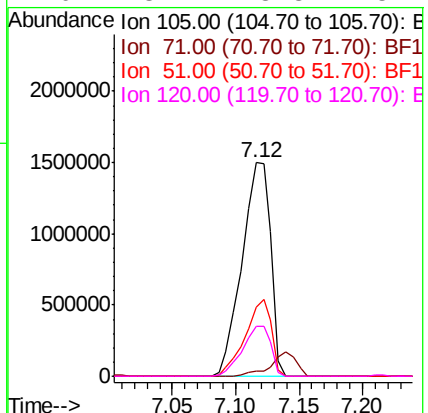
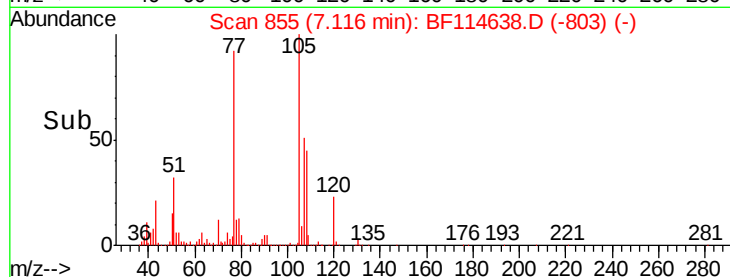
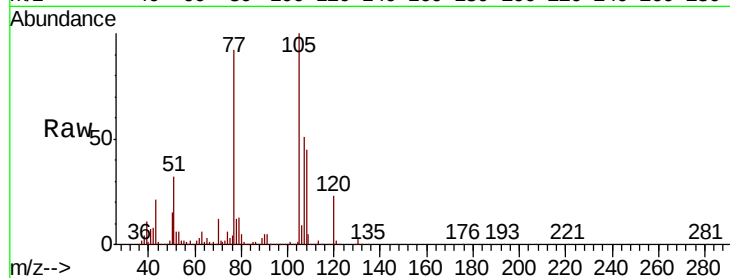
51 32.2 26.0 39.0

120 23.4 18.8 28.2

Manual Integrations
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#23

Nitrobenzene-d5

Concen: 164.381 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

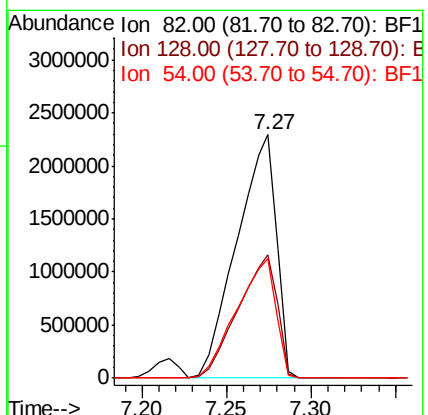
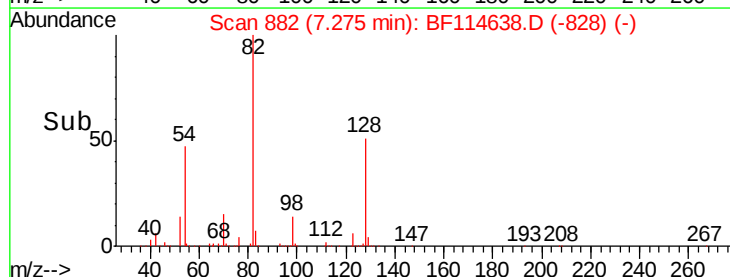
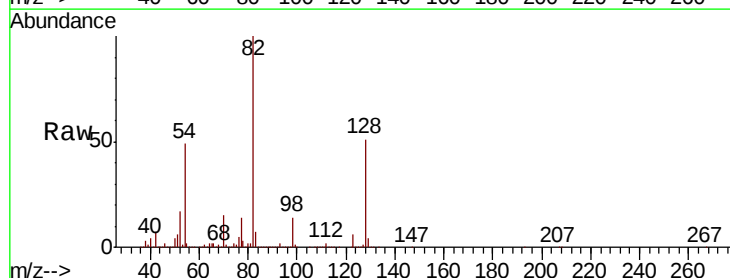
Tgt Ion: 82 Resp: 3742168

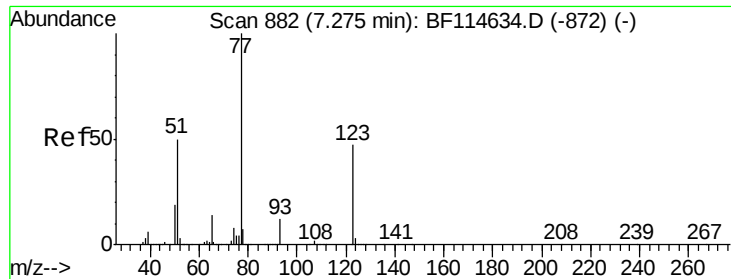
Ion Ratio Lower Upper

82 100

128 50.8 38.5 57.7

54 49.1 39.1 58.7





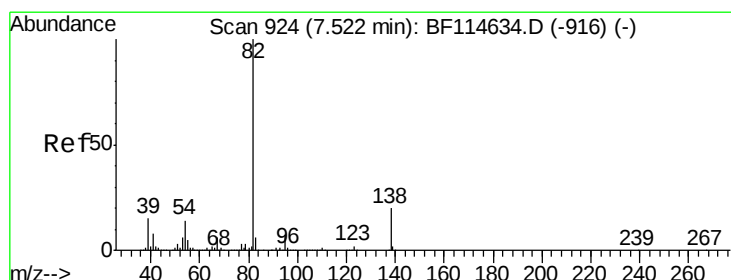
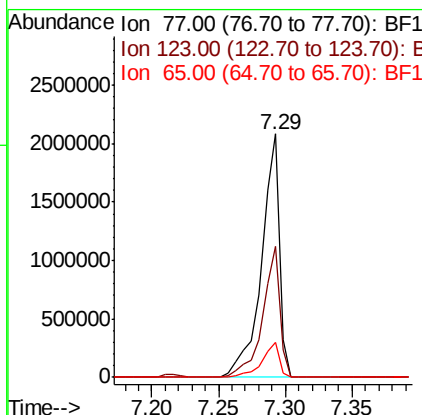
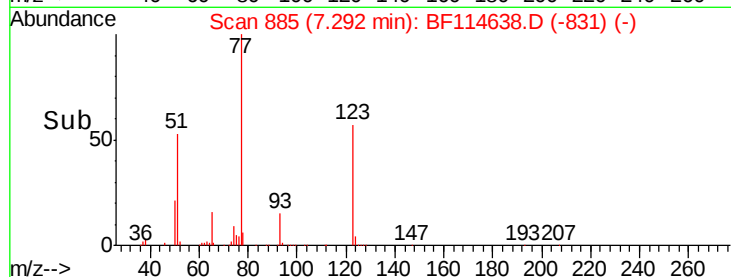
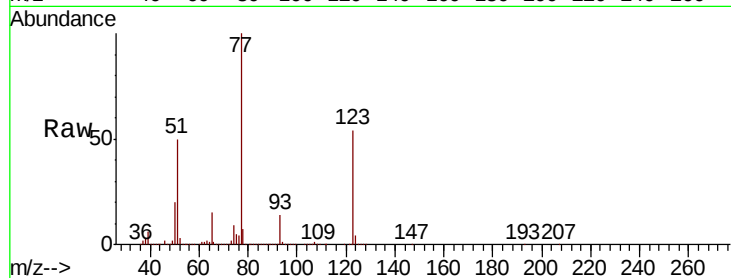
#24
Nitrobenzene
Concen: 82.892 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampled :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
77	100		
123	53.9	38.5	57.7
65	14.5	11.2	16.8

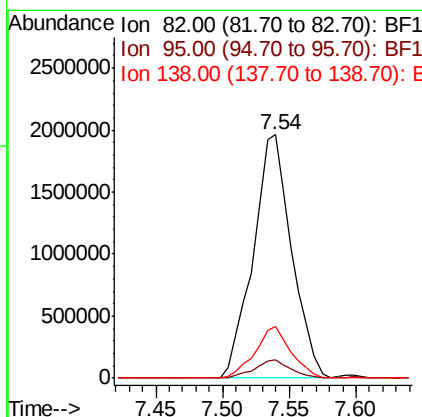
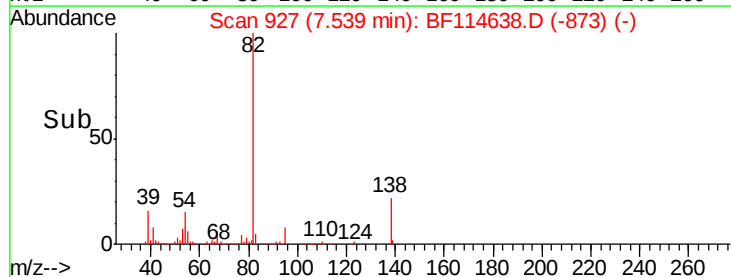
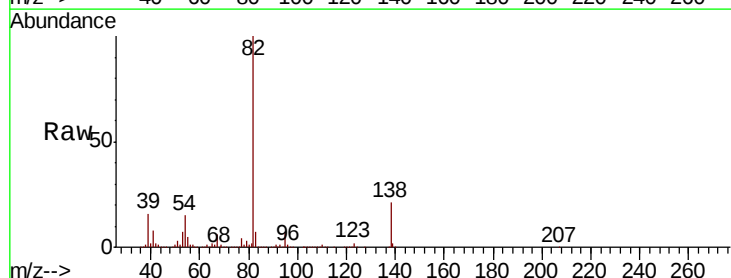
Manual Integrations
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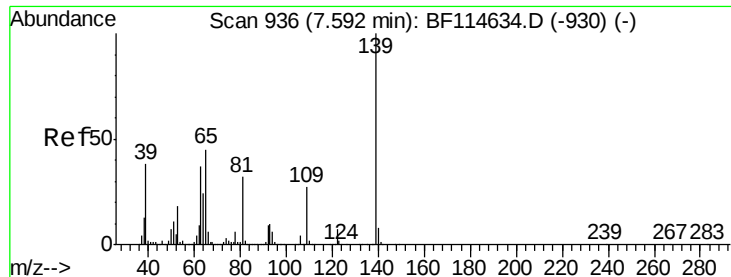
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#25
Isophorone
Concen: 92.579 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.6	8.4
138	21.1	15.9	23.9





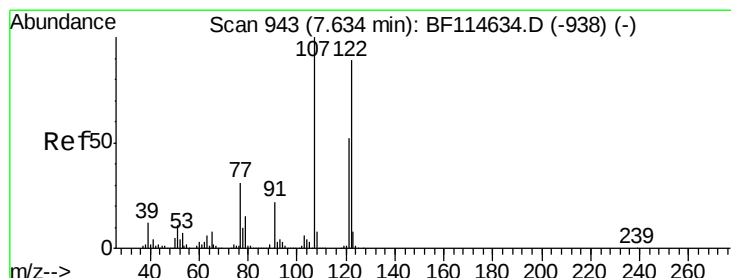
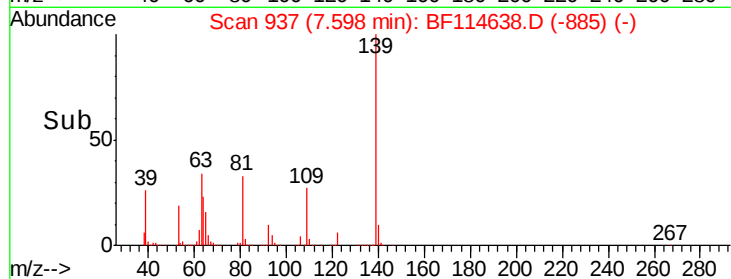
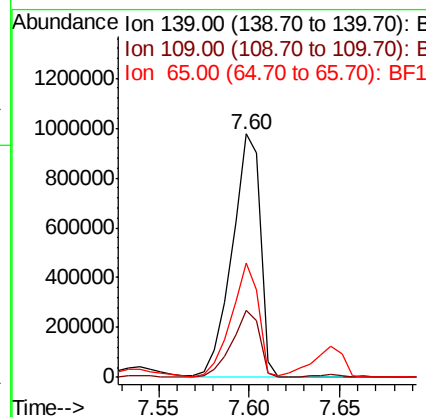
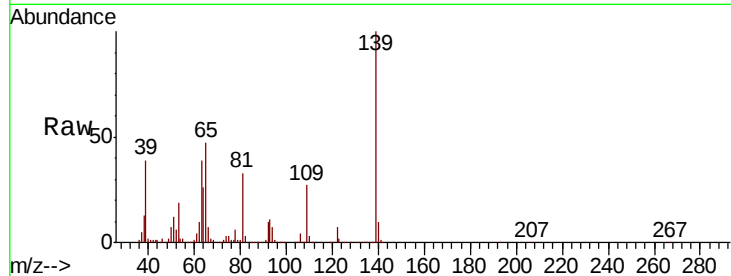
#26
2-Nitrophenol
Concen: 94.030 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
139	100		
109	27.4	21.7	32.5
65	47.0	36.3	54.5

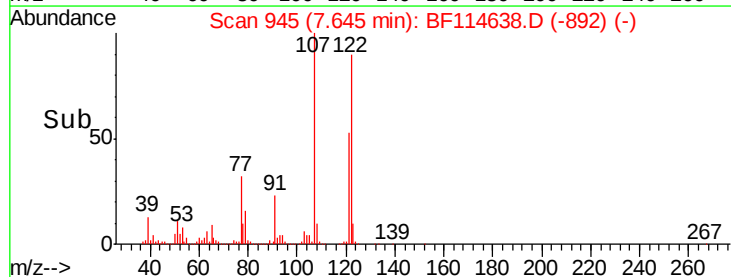
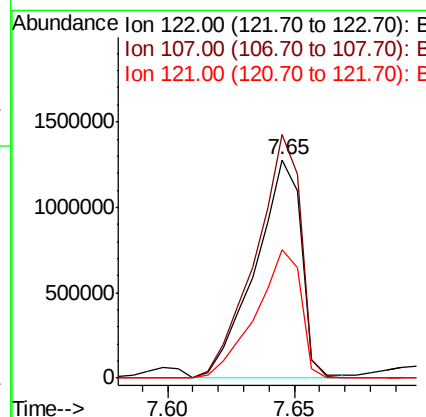
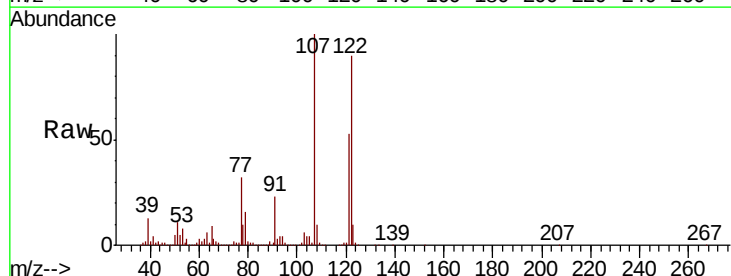
Manual Integrations
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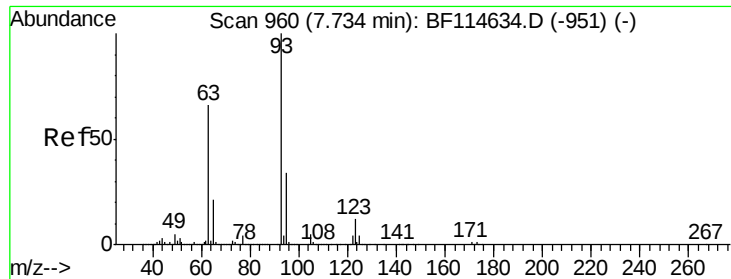
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#27
2,4-Dimethylphenol
Concen: 91.204 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.3	133.9
121	58.8	46.8	70.2





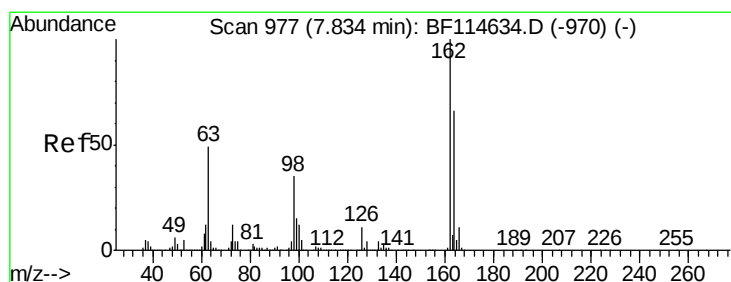
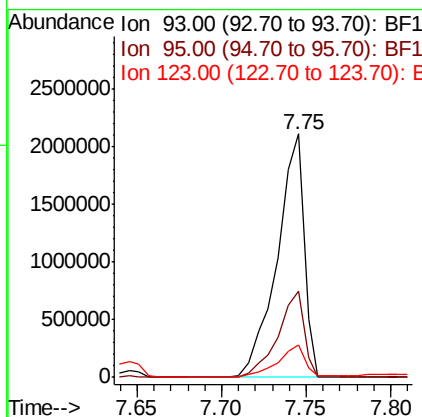
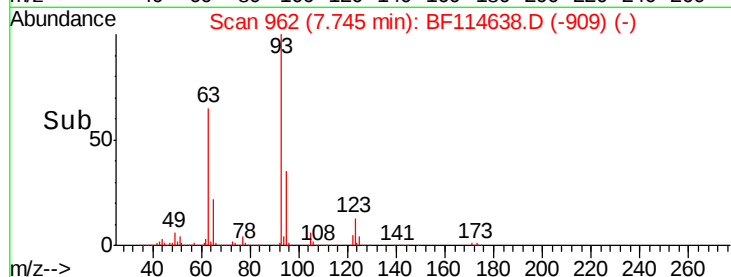
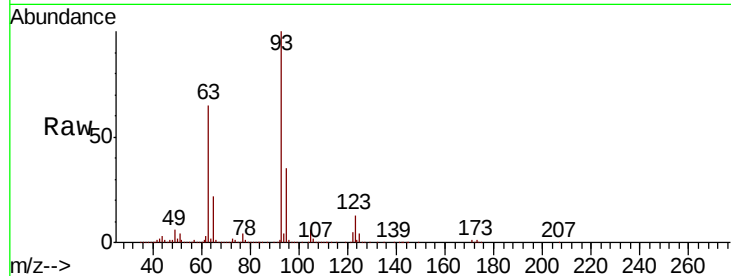
#28
bis(2-Chloroethoxy)methane
Concen: 84.656 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion: 93 Resp: 2319073
Ion Ratio Lower Upper
93 100
95 35.4 27.0 40.4
123 13.4 10.2 15.2

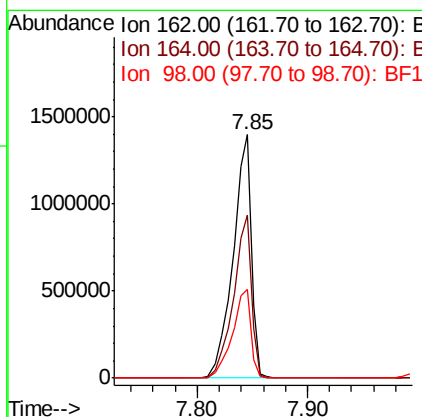
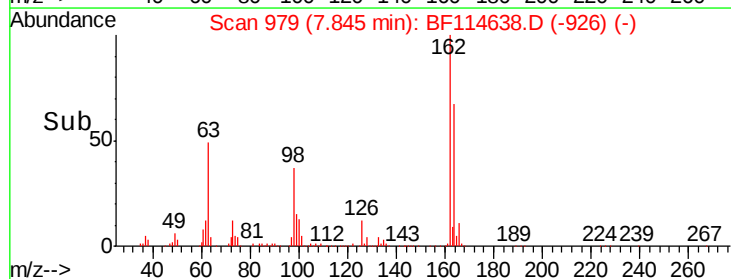
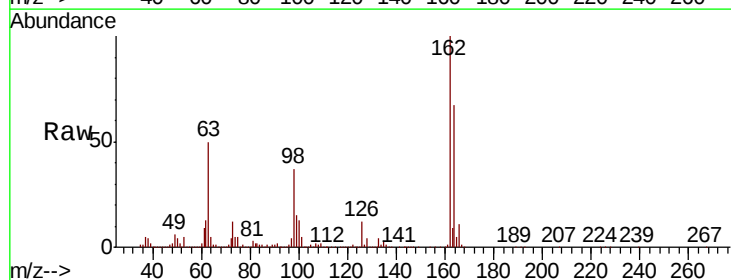
Manual Integrations
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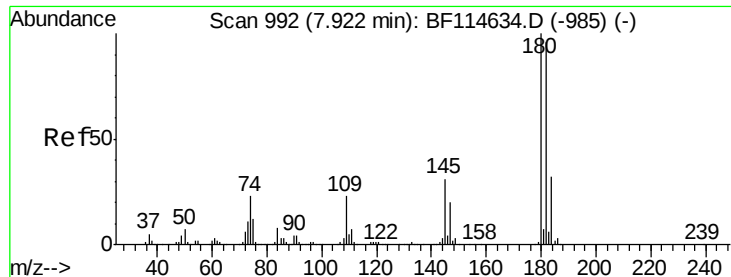
mohammad
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#29
2,4-Dichlorophenol
Concen: 92.732 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion: 162 Resp: 1631442
Ion Ratio Lower Upper
162 100
164 67.0 45.8 85.8
98 36.6 14.9 54.9





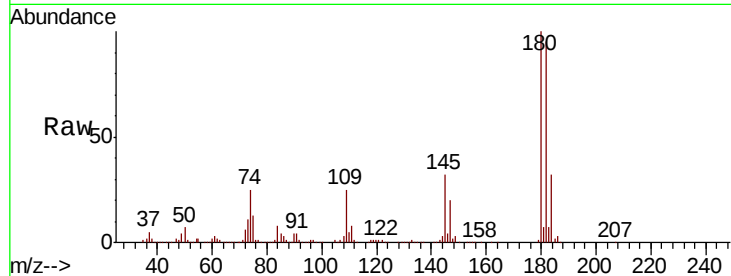
#30
1,2,4-Trichlorobenzene
Concen: 89.294 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	31.7	24.5	36.7

Manual Integrations
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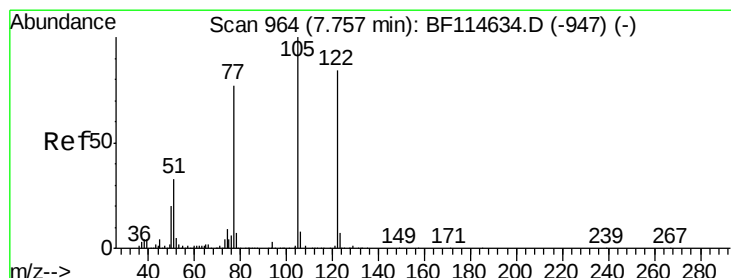
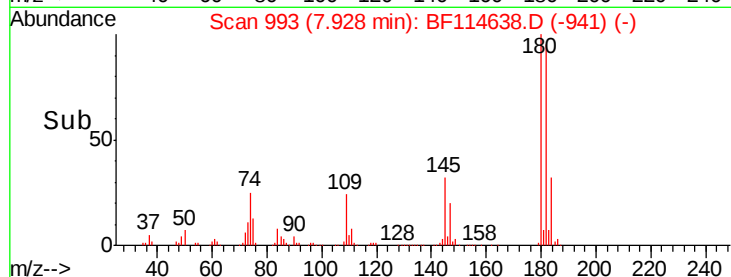
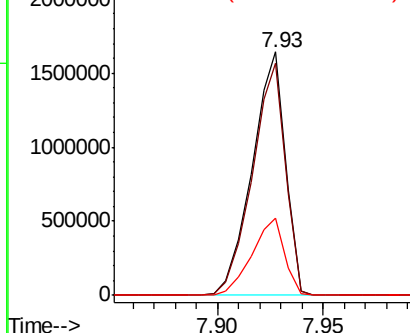


Abundance

Ion 180.00 (179.70 to 180.70): E

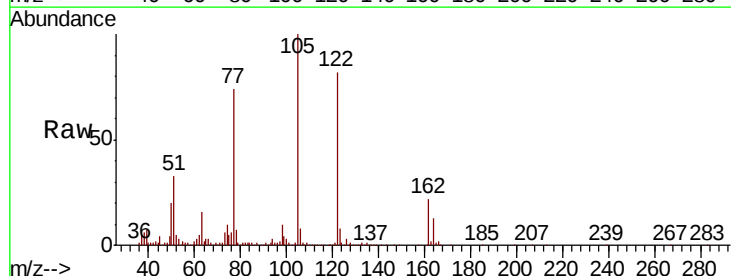
Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#32
Benzoic acid
Concen: 109.641 ng m
RT: 7.82 min Scan# 974
Delta R.T. 0.06 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	98.3	138.3
77	89.3	70.7	110.7

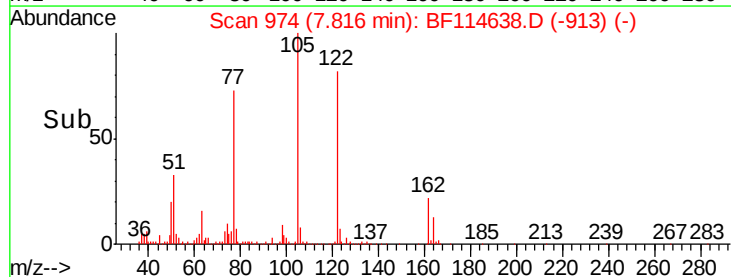
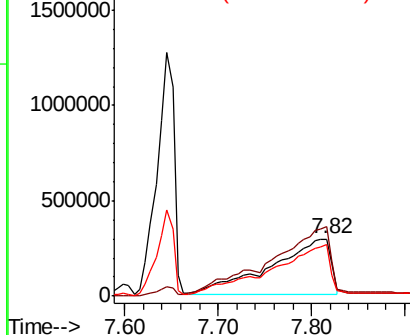


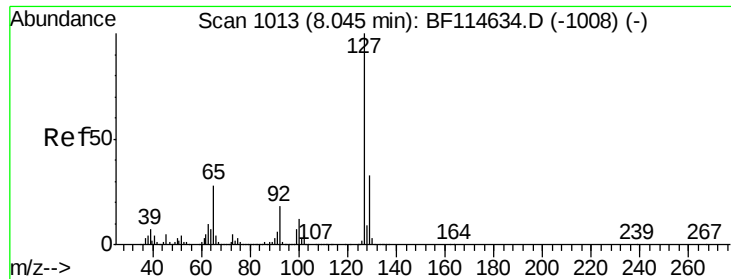
Abundance

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





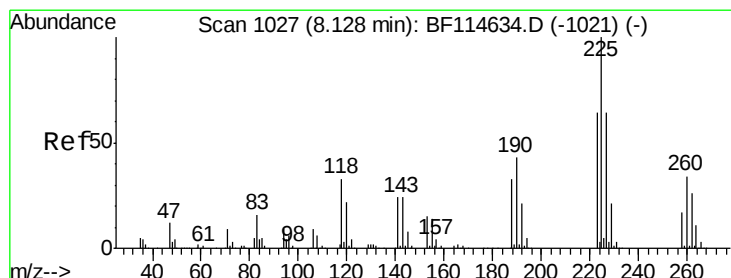
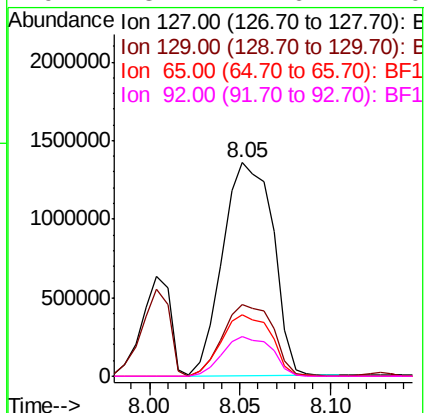
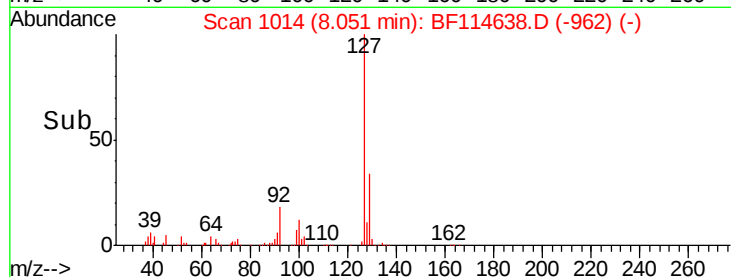
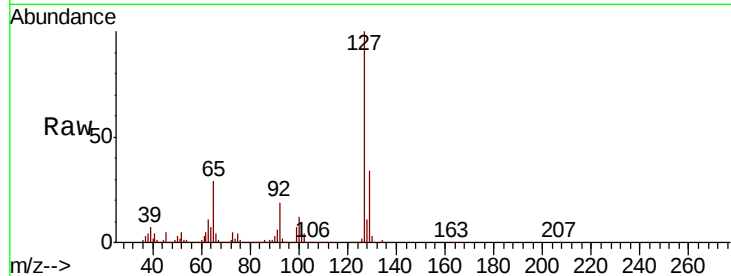
#33
4-Chloroaniline
Concen: 96.205 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.7	26.7	40.1	
65	28.5	22.5	33.7	
92	18.7	14.6	22.0	

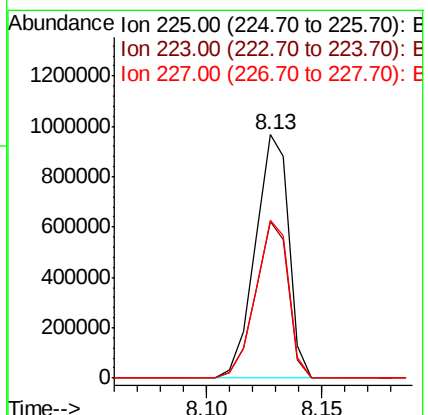
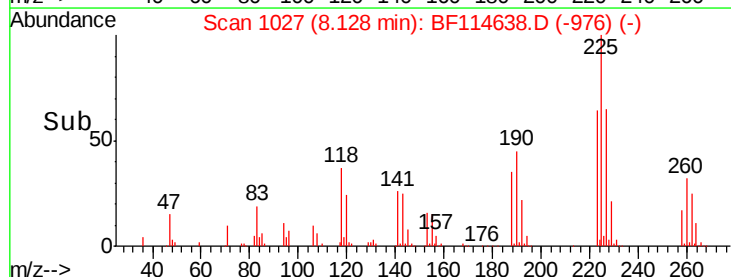
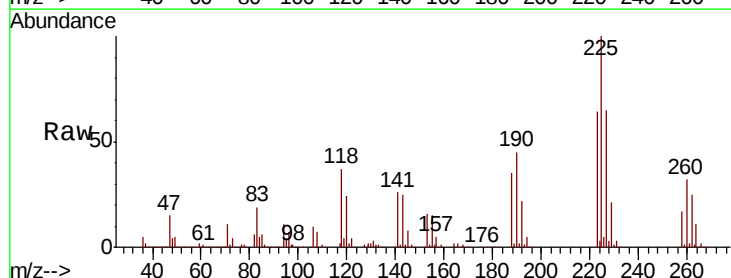
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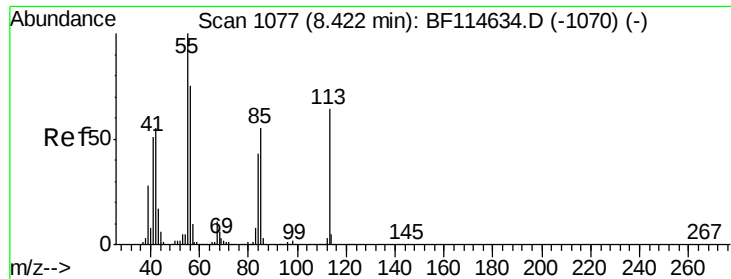
mohammad
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#34
Hexachlorobutadiene
Concen: 85.372 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	64.2	50.9	76.3	
227	64.7	51.3	76.9	





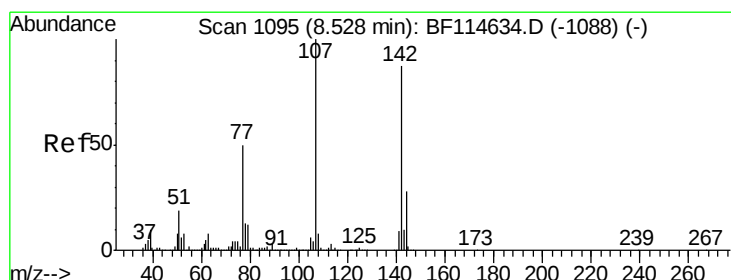
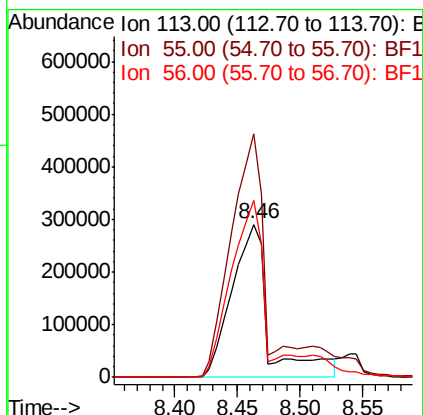
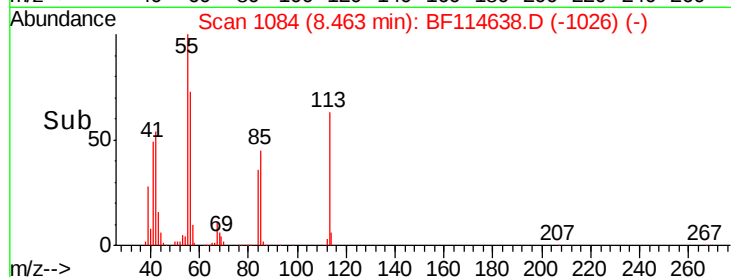
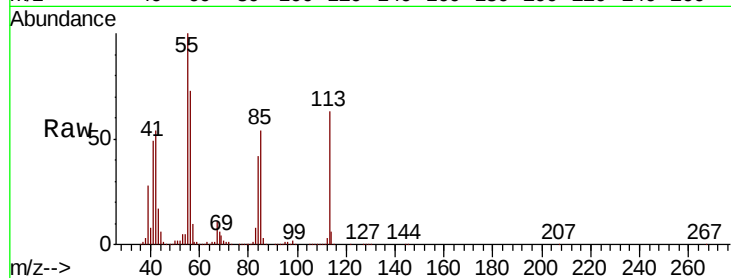
#35
Caprolactam
Concen: 103.648 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. 0.04 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.4	136.4	176.4
56	115.8	97.0	137.0

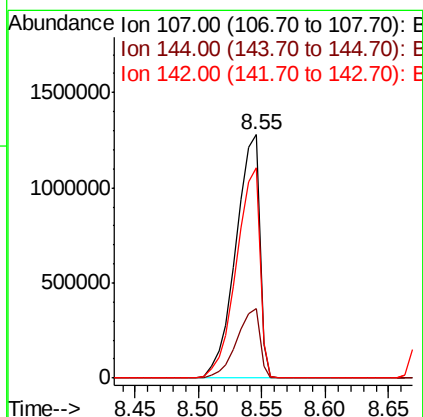
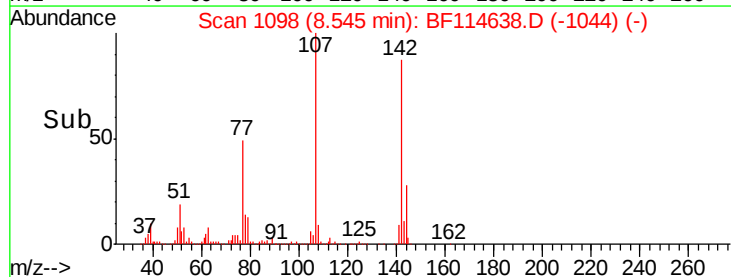
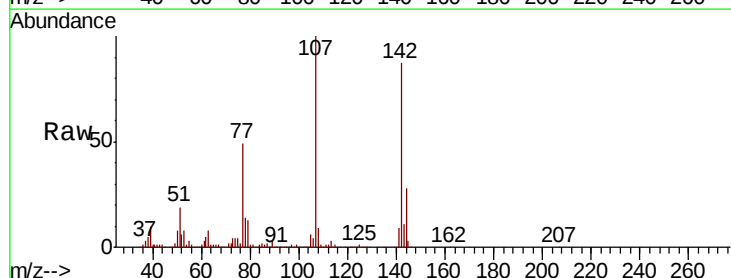
Manual Integrations
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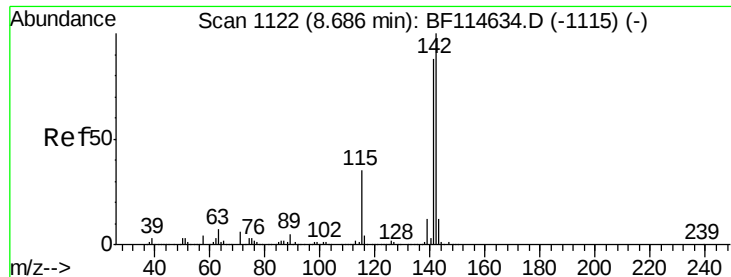
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#36
4-Chloro-3-methylphenol
Concen: 94.054 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.5	33.7
142	86.6	69.8	104.6





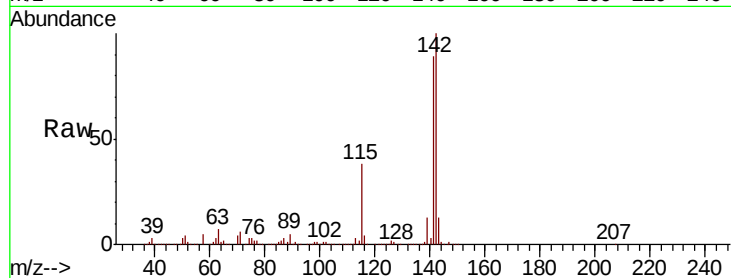
#37
2-Methylnaphthalene
Concen: 83.555 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.3	105.5
115	38.2	28.0	42.0

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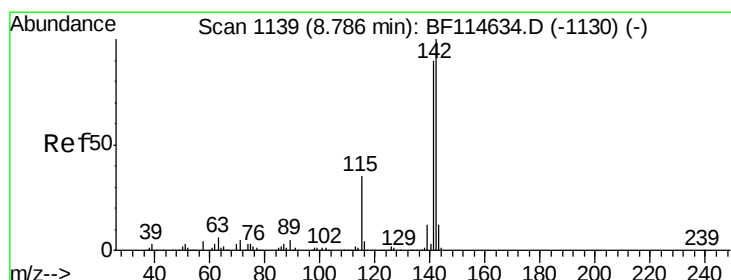
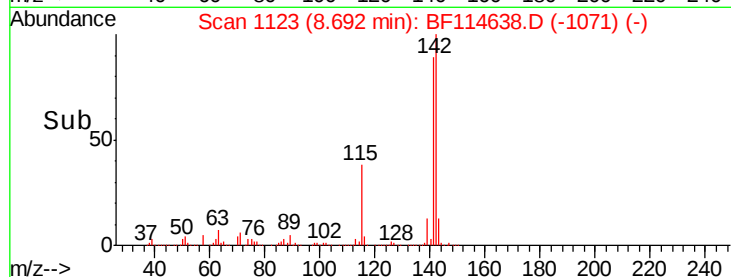
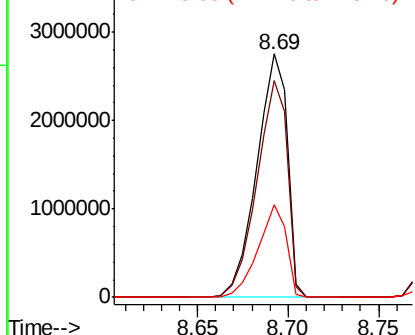


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 84.212 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

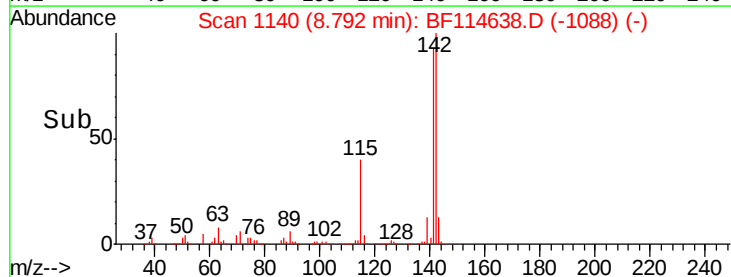
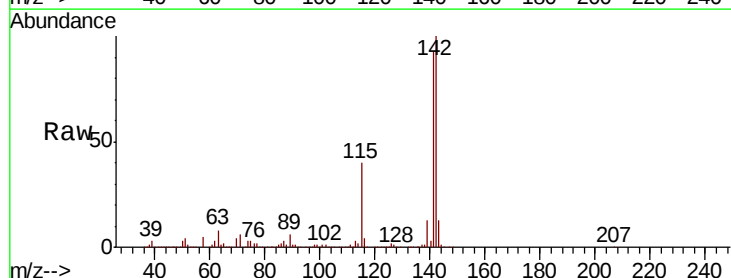
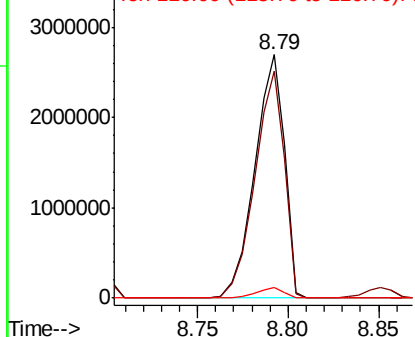
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	72.3	108.5
116	4.3	3.0	4.4

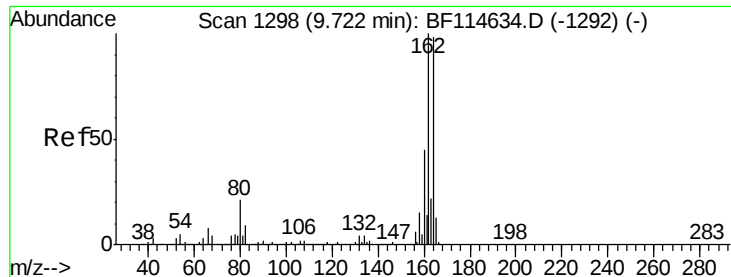
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





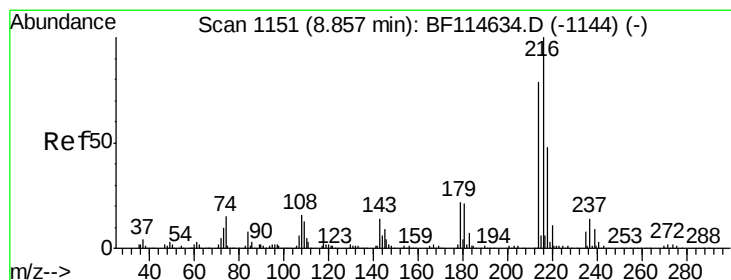
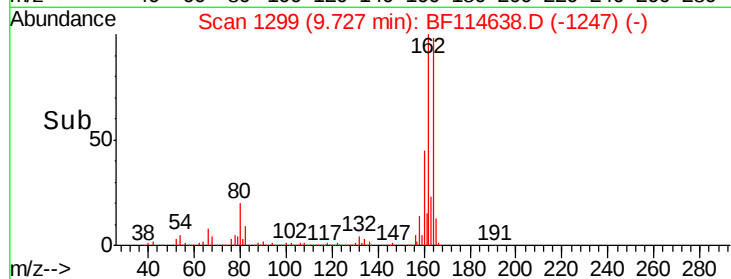
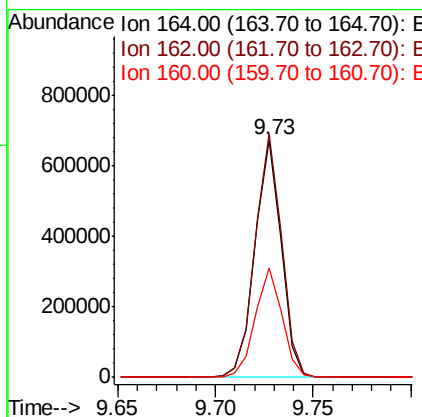
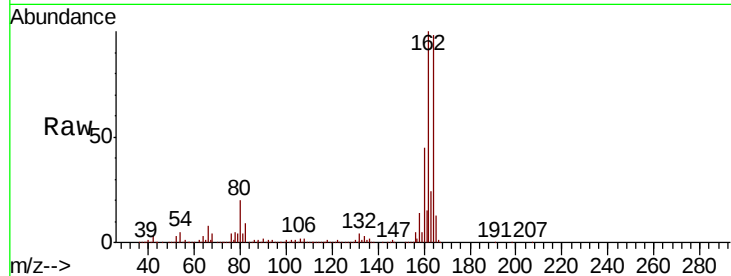
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	81.4	122.2	
160	46.0	36.6	54.8	

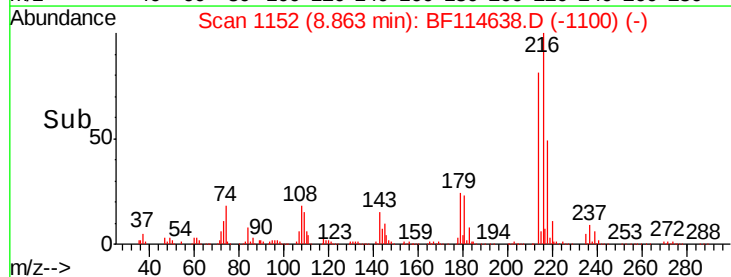
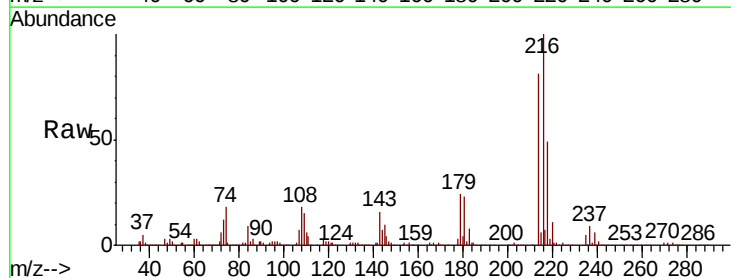
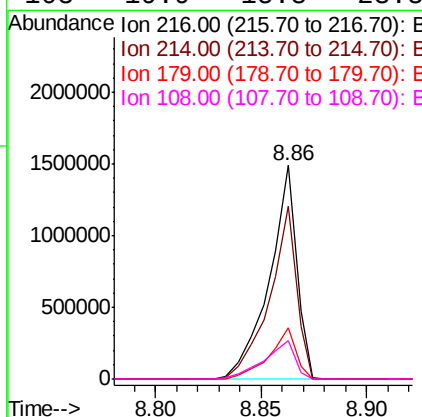
Manual Integrations
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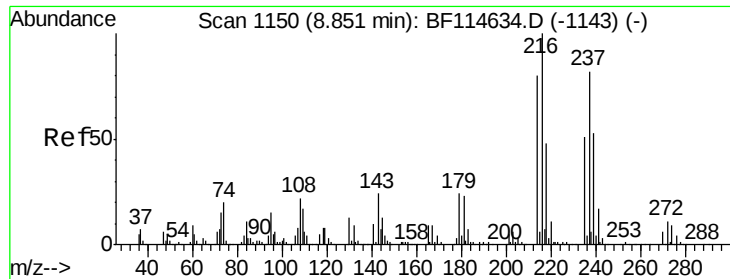
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 70.053 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.9	63.2	94.8	
179	22.9	17.9	26.9	
108	19.9	15.8	23.8	





#41

Hexachlorocyclopentadiene

Concen: 116.932 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

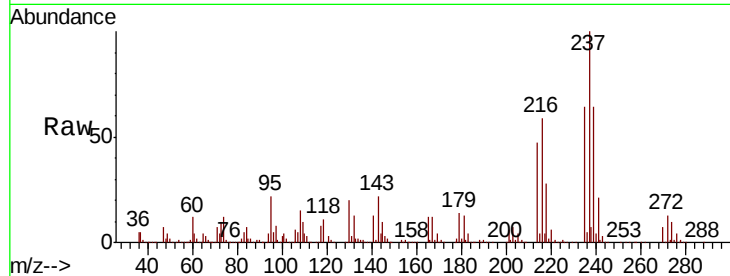
ClientSampleId :

SSTDICC100

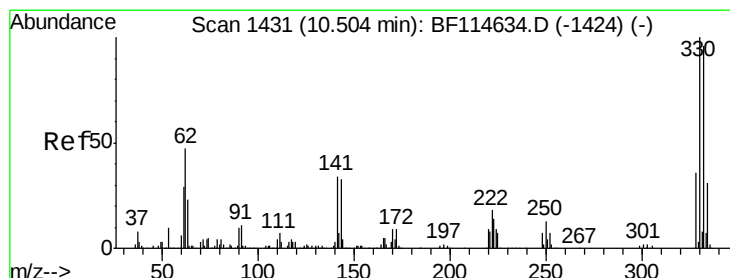
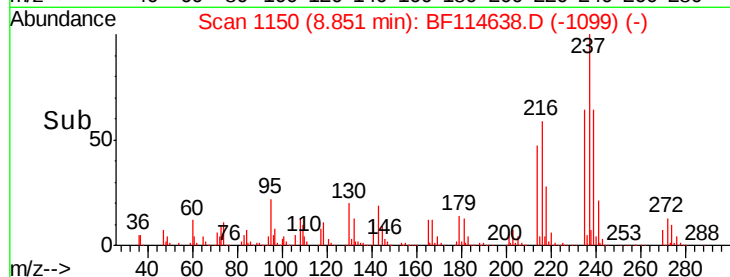
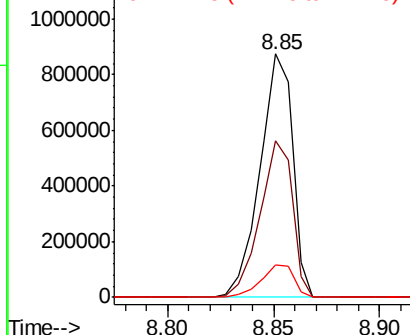
Tot Ion:	237	Resp:	942407
Ion Ratio	Lower	Upper	
237	100		
235	64.4	42.8	82.8
272	13.1	0.0	33.7

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



#42

2,4,6-Tribromophenol

Concen: 156.659 ng

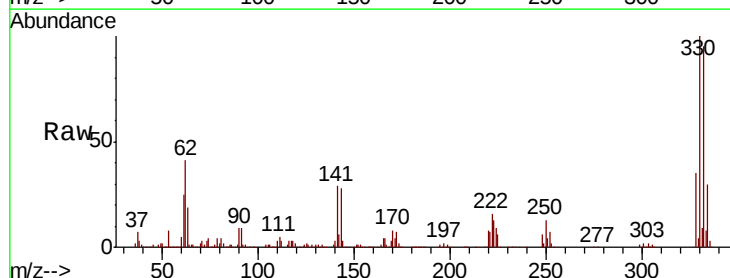
RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

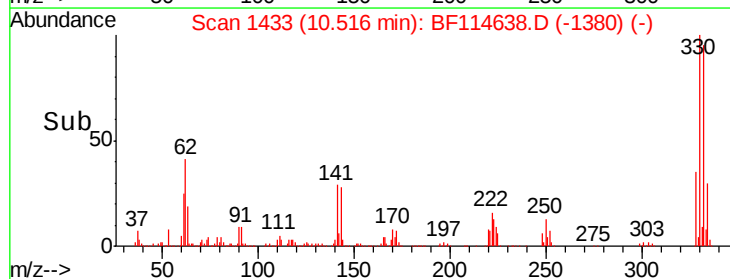
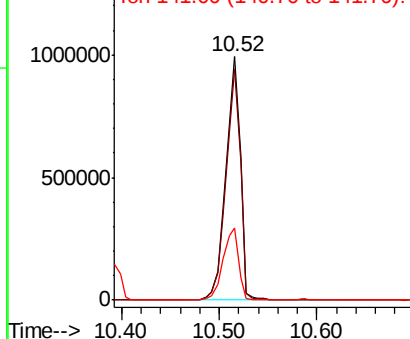
Lab File: BF114638.D

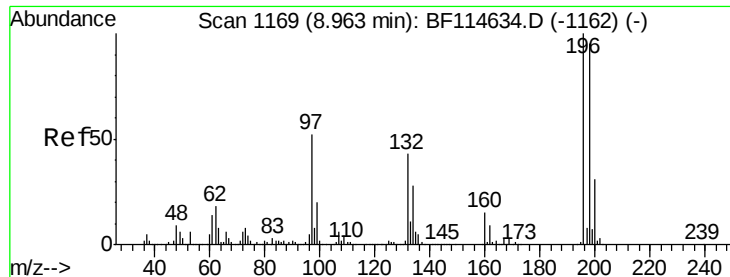
Acq: 29 May 2019 17:02

Tgt Ion:	330	Resp:	1024090
Ion Ratio	Lower	Upper	
330	100		
332	95.6	75.8	113.8
141	31.9	27.8	41.8



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





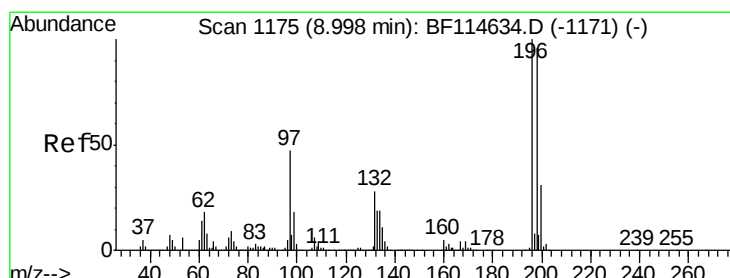
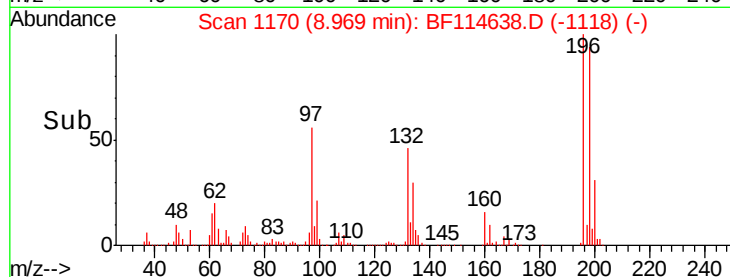
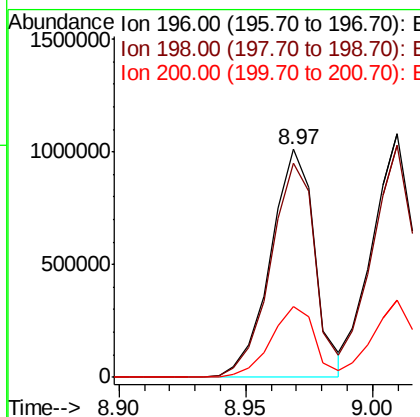
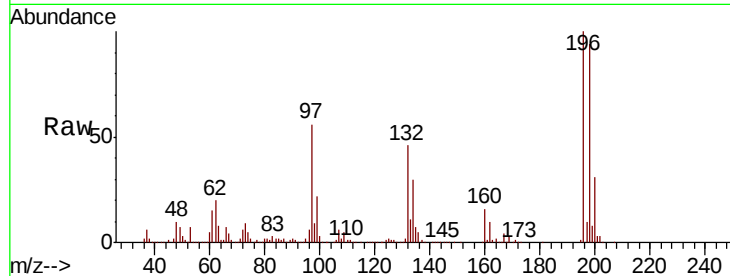
#43
 2,4,6-Trichlorophenol
 Concen: 93.042 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.1	114.1
200	31.2	24.7	37.1

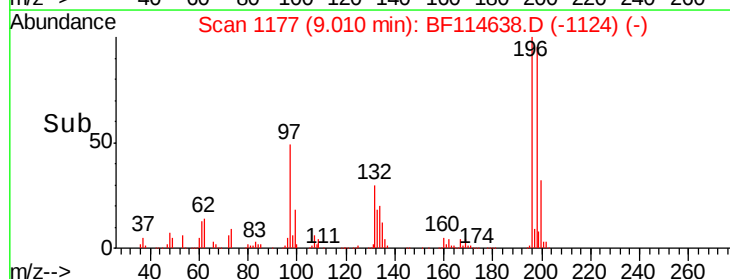
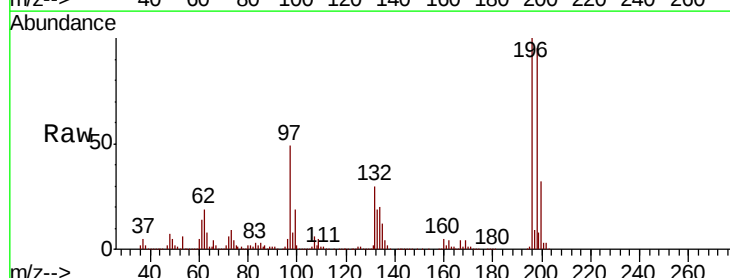
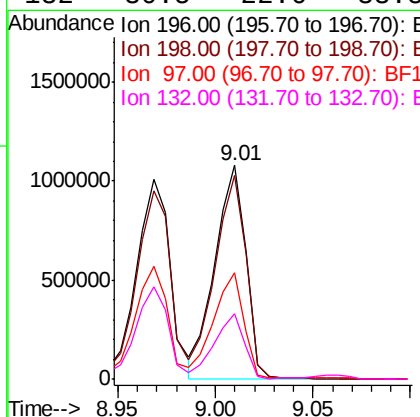
Manual Integrations
 APPROVED

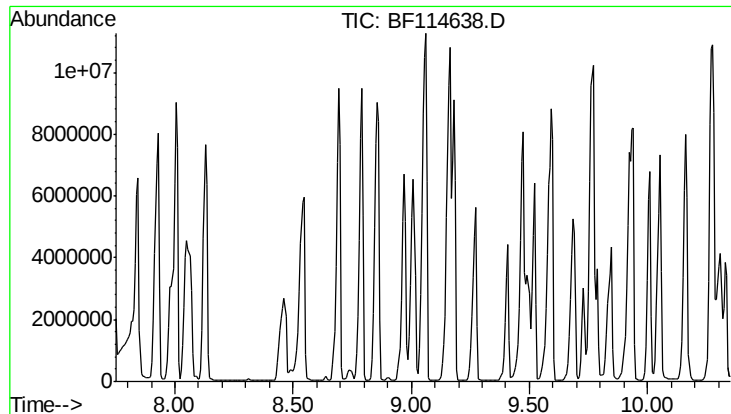
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 87.940 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.8	115.2
97	49.5	37.8	56.8
132	30.5	22.6	33.8





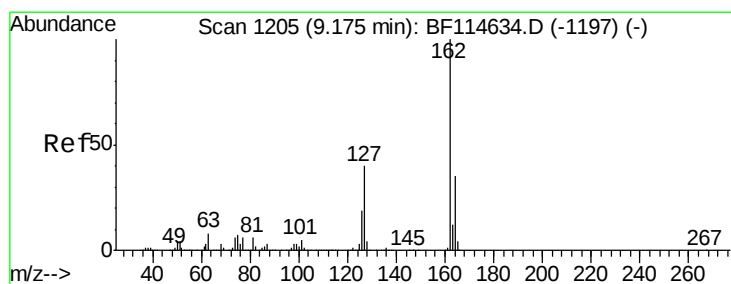
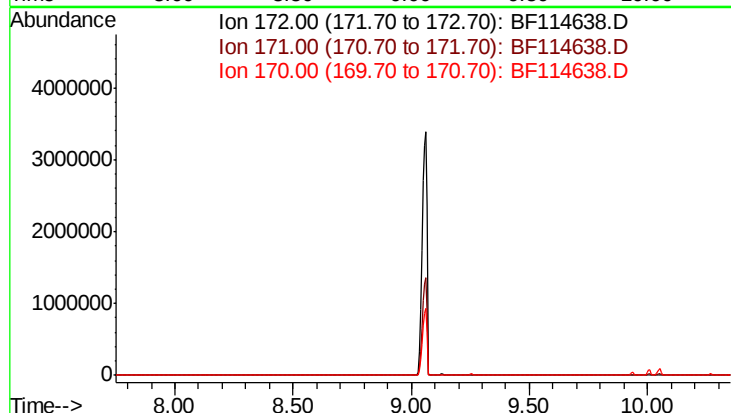
#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.05 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 38.2
 170 25.9

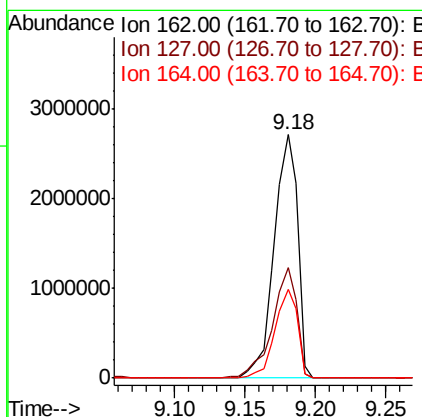
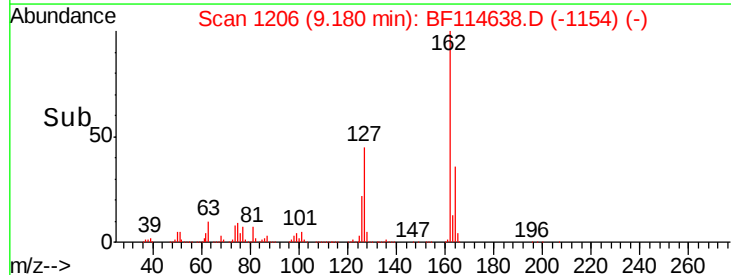
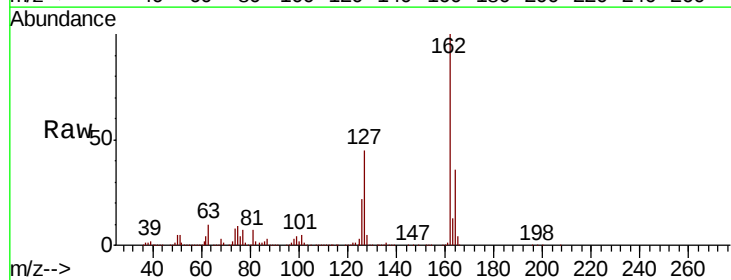
Manual Integrations
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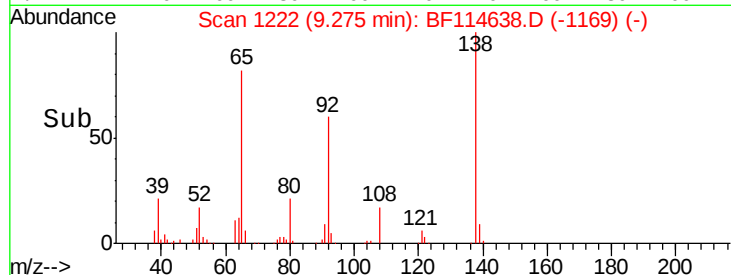
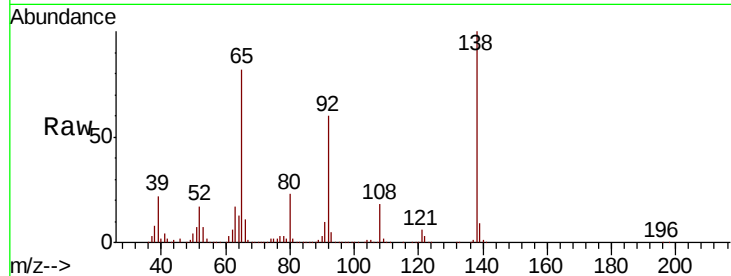
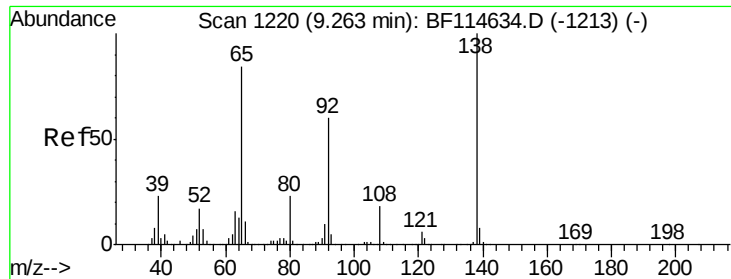
mohammad
 5/30/2019 12:47:49 PM



#47
 2-Chloronaphthalene
 Concen: 76.732 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion:162 Resp: 3154531
 Ion Ratio Lower Upper
 162 100
 127 45.3 32.2 48.2
 164 36.3 27.8 41.6





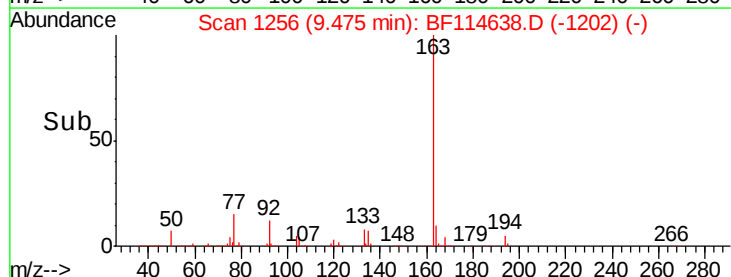
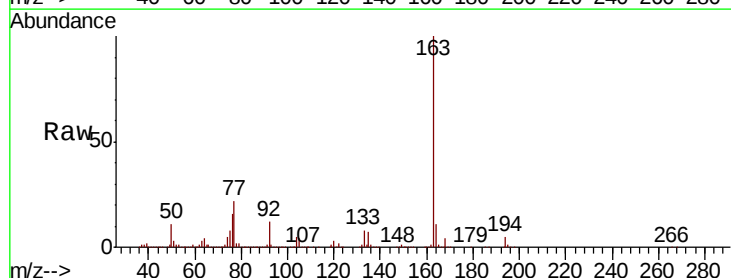
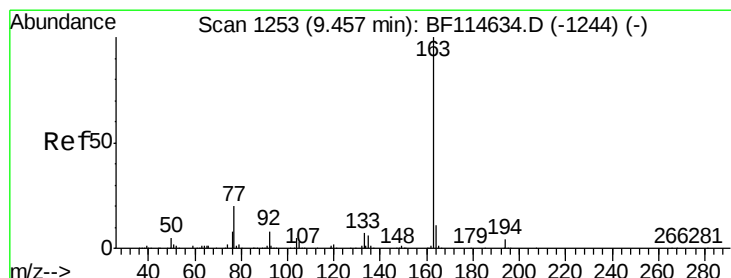
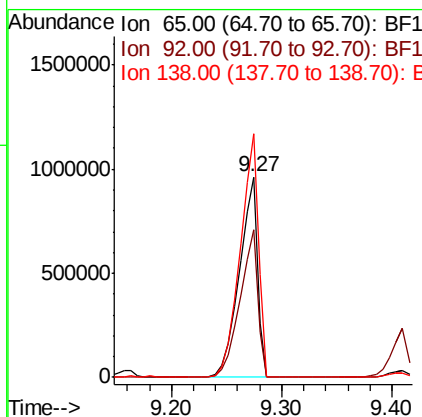
#48
2-Nitroaniline
Concen: 76.604 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tot Ion: 65 Resp: 1116878
Ion Ratio Lower Upper
65 100
92 73.3 57.1 85.7
138 121.3 95.8 143.6

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

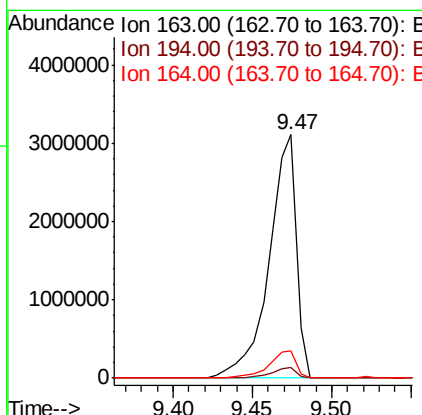
Manual Integrations
APPROVED

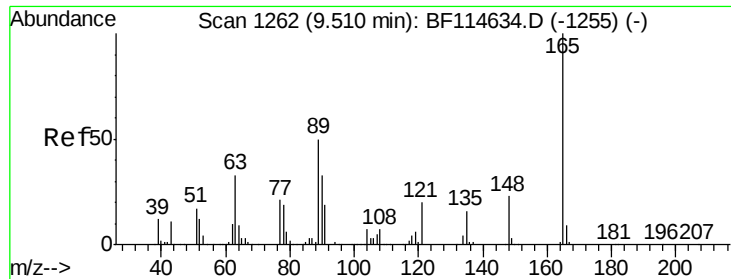
mohammad
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#50
Dimethylphthalate
Concen: 80.231 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:163 Resp: 3724179
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 11.4 8.6 13.0





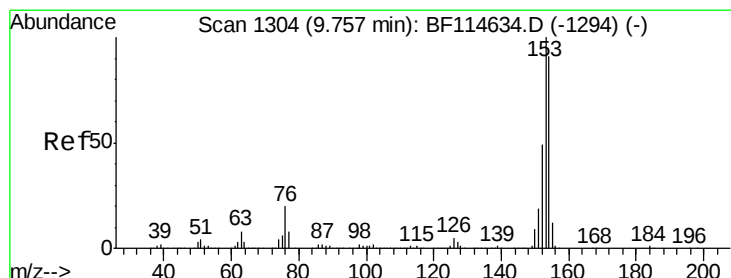
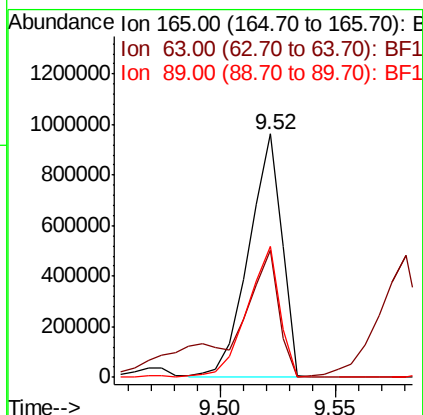
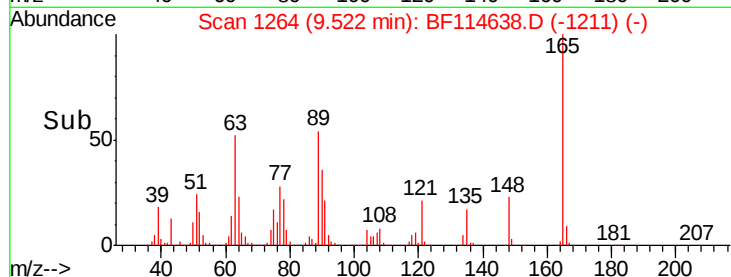
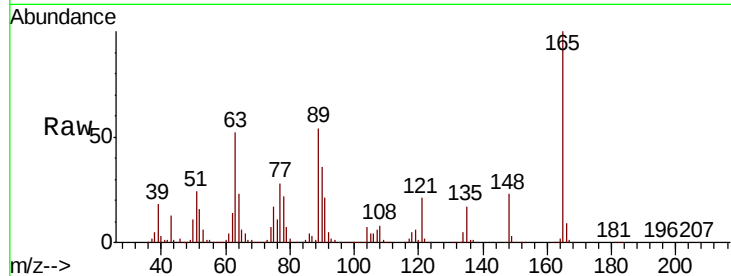
#51
2,6-Dinitrotoluene
Concen: 93.912 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
165	100	966867		
63	52.2	36.6	54.8	
89	53.7	40.2	60.4	

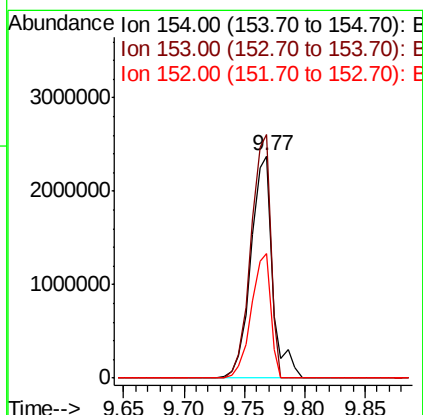
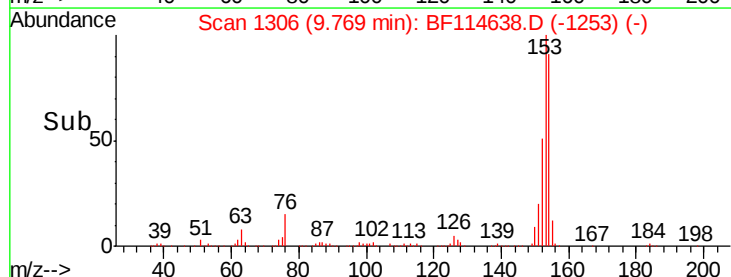
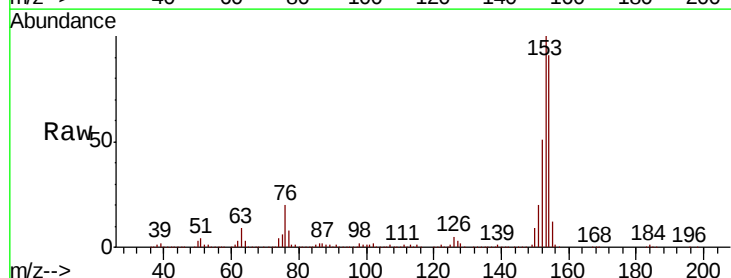
Manual Integrations
APPROVED

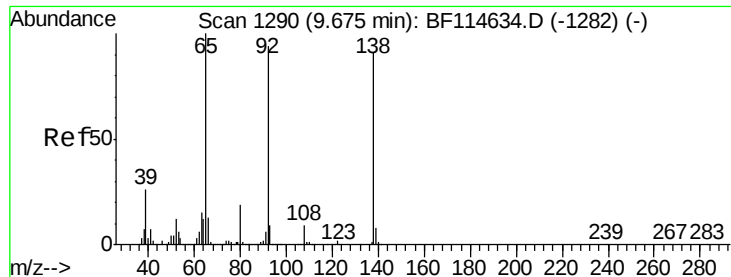
mohammad
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#52
Acenaphthene
Concen: 77.904 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2989109		
153	109.7	88.4	132.6	
152	56.4	43.4	65.0	





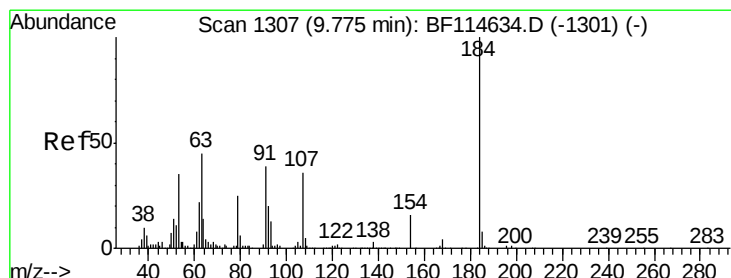
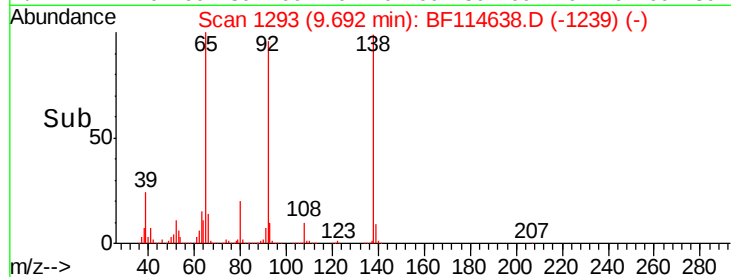
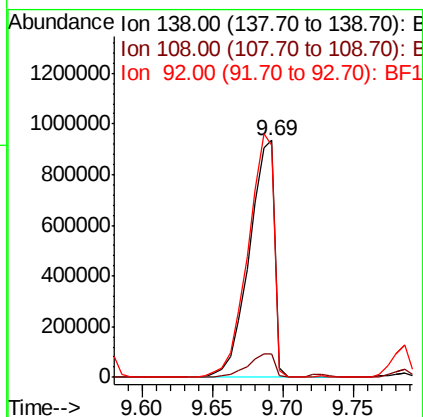
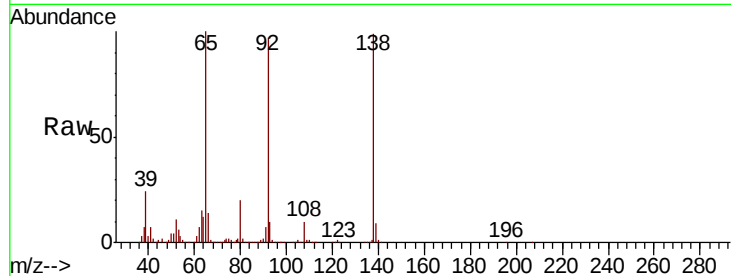
#53
3-Nitroaniline
Concen: 92.946 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.3	12.5
92	97.9	83.1	124.7

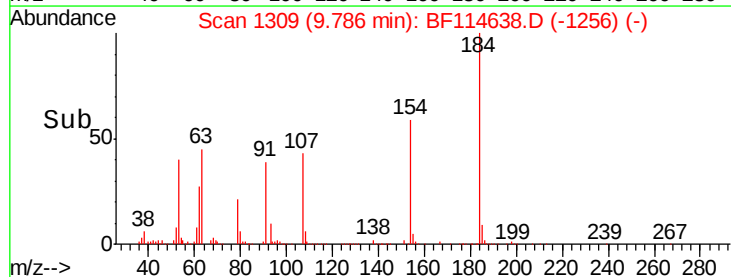
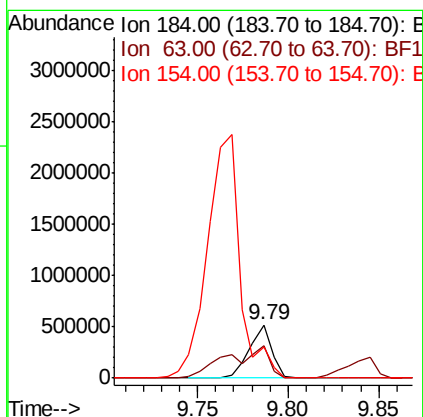
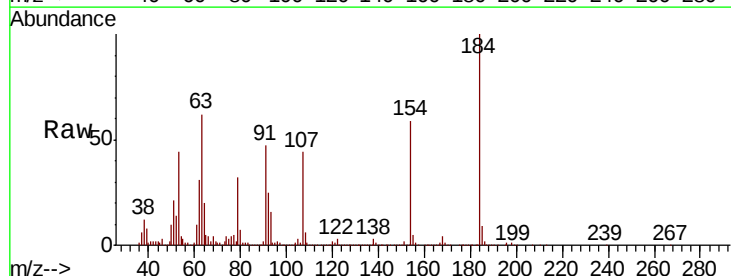
Manual Integrations
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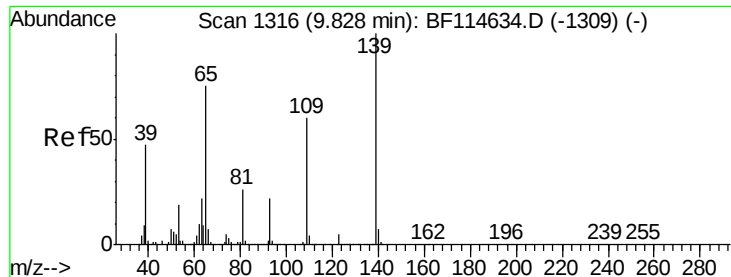
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#54
2,4-Dinitrophenol
Concen: 110.537 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.6	38.8	58.2#
154	59.3	43.7	65.5





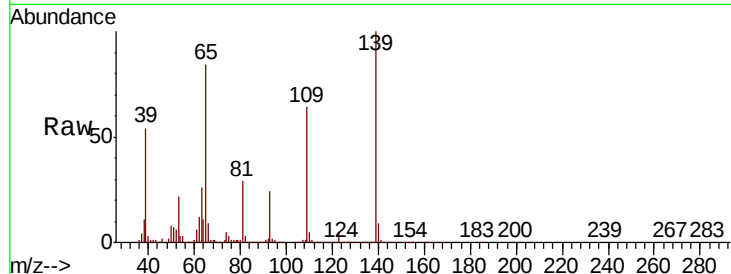
#56
4-Nitrophenol
Concen: 98.185 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
139	100	887399		
109	64.3	40.4	80.4	
65	84.2	54.7	94.7	

Manual Integrations
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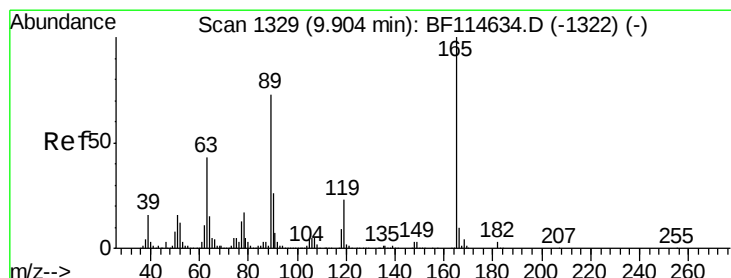
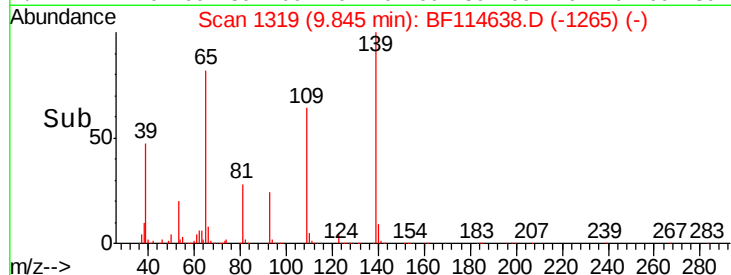
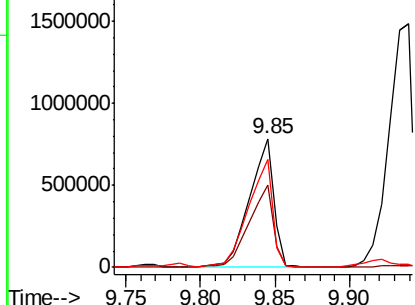


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 86.091 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	1203034		
63	44.4	34.8	52.2	
89	71.0	58.5	87.7	
182	2.9	2.2	3.2	

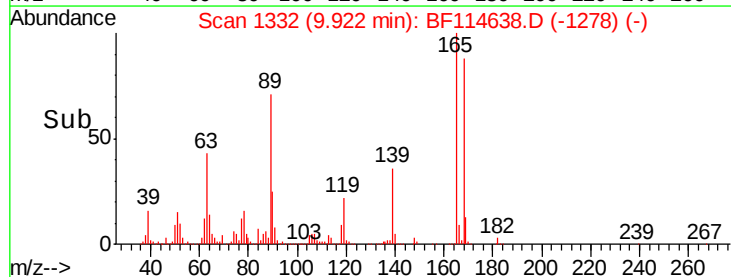
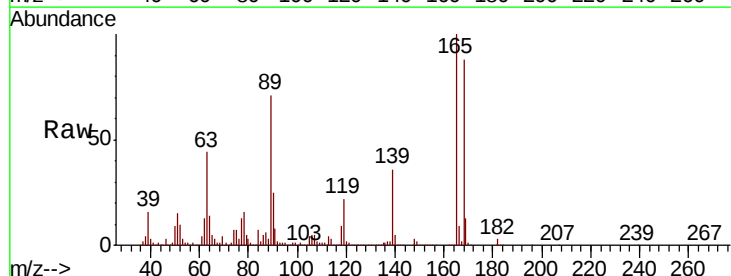
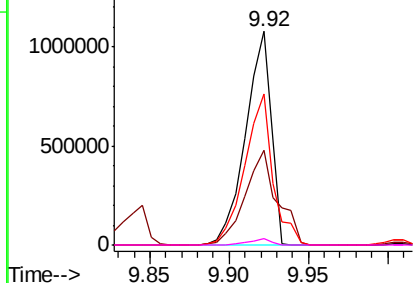
Abundance

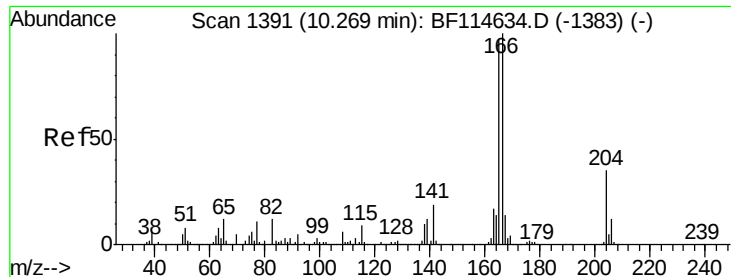
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





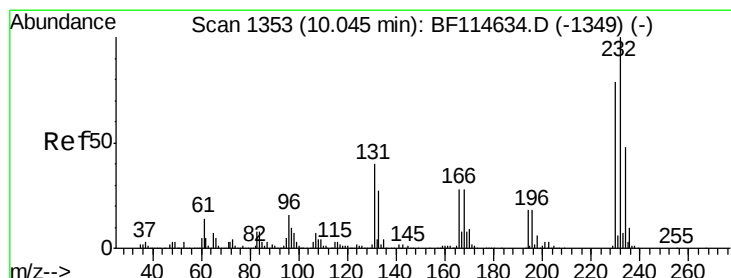
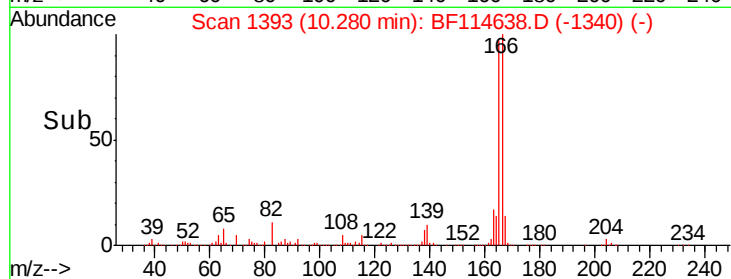
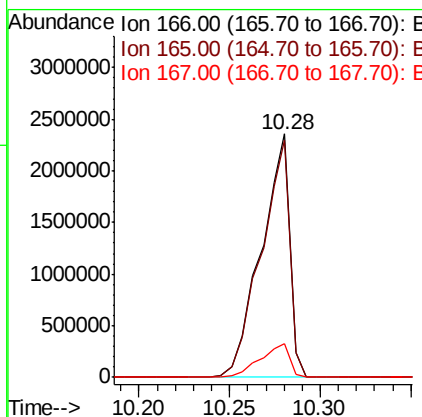
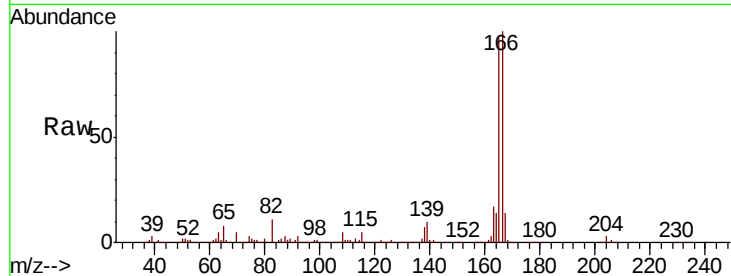
#58
 Fluorene
 Concen: 59.135 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.6	116.4
167	13.9	11.2	16.8

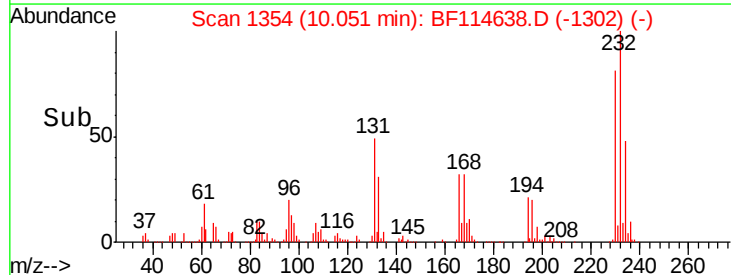
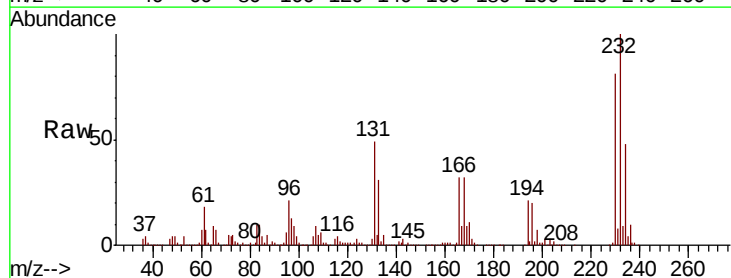
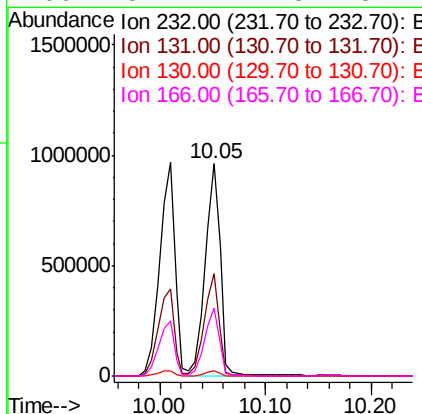
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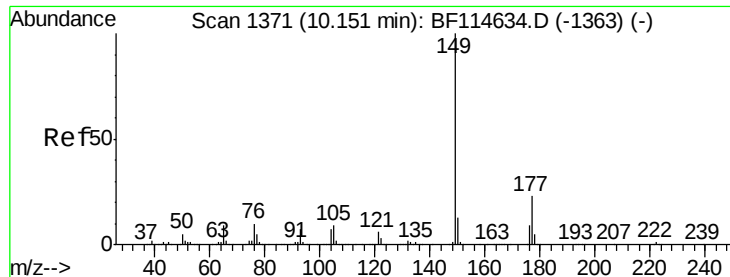
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 80.687 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.3	37.2	55.8
130	2.4	1.8	2.8
166	31.1	24.8	37.2





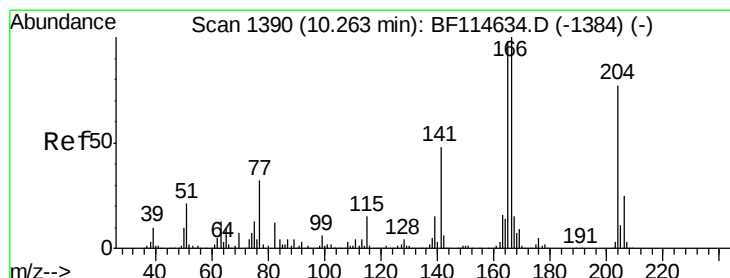
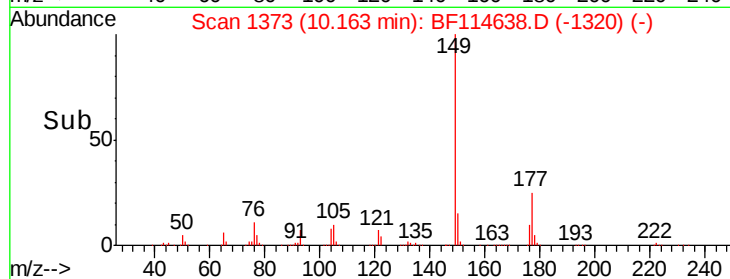
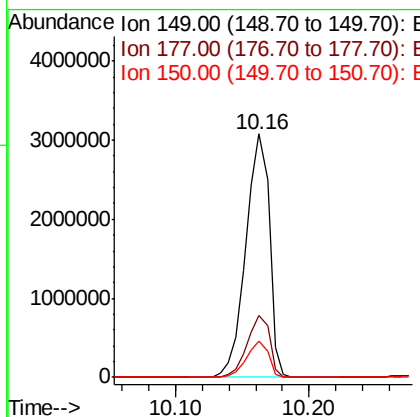
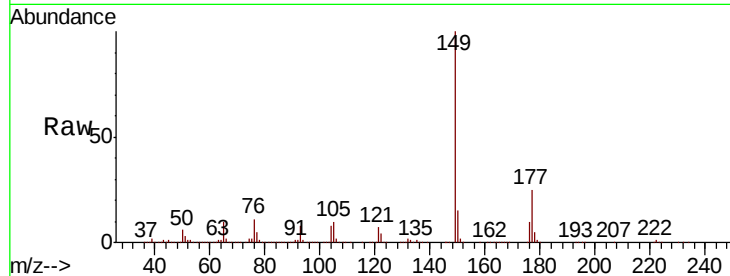
#60
Diethylphthalate
Concen: 78.854 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion:149 Resp: 3719041
Ion Ratio Lower Upper
149 100
177 25.2 18.6 28.0
150 14.7 10.6 15.8

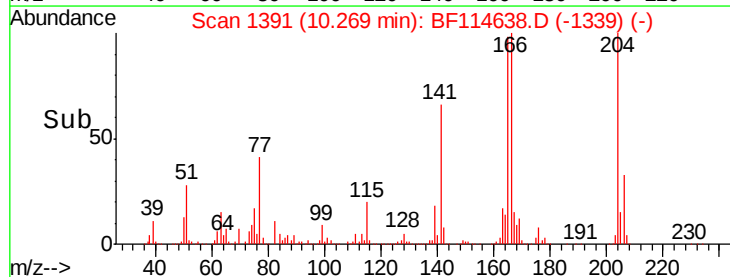
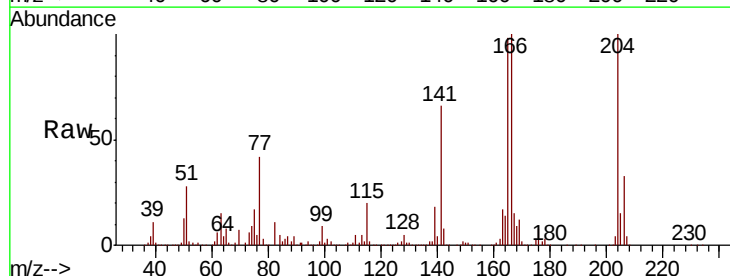
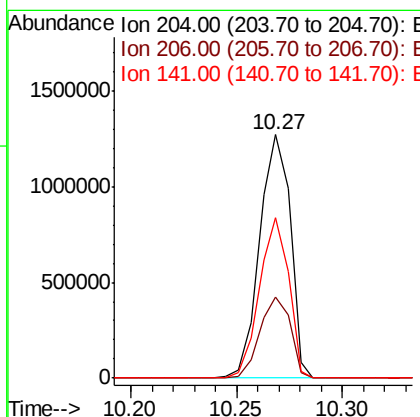
Manual Integrations
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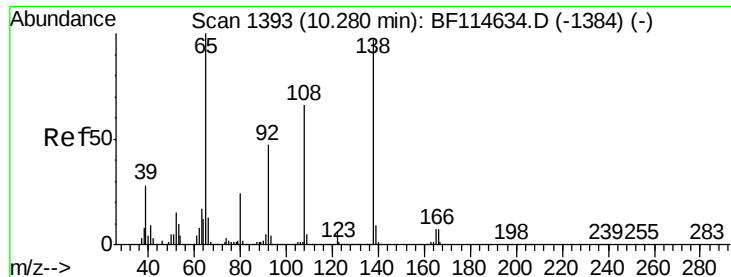
mohammad
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#61
4-Chlorophenyl-phenylether
Concen: 60.168 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:204 Resp: 1284262
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 66.0 50.0 75.0





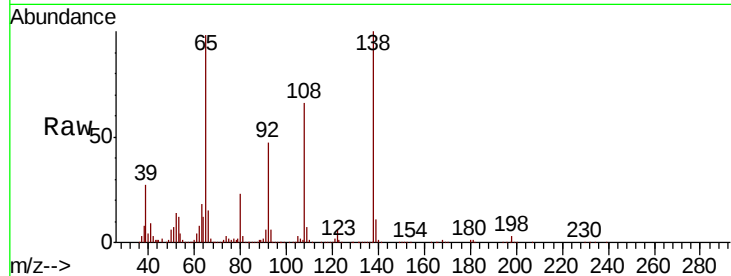
#62
4-Nitroaniline
Concen: 87.353 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.03 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.7	28.0	68.0
108	66.3	48.4	88.4

Manual Integrations
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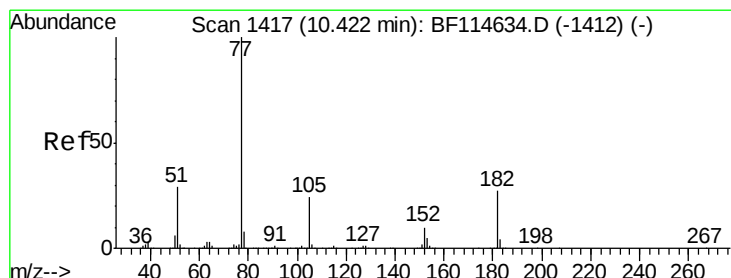
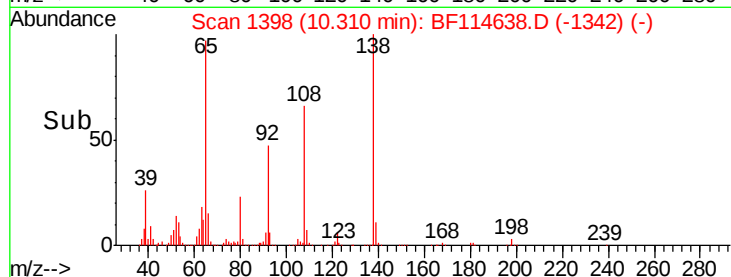
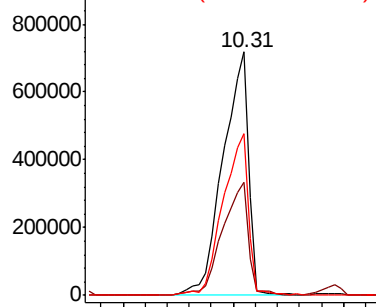


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63
Azobenzene
Concen: 72.753 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	33.0	7.0	47.0
105	26.8	3.7	43.7
51	31.0	9.1	49.1

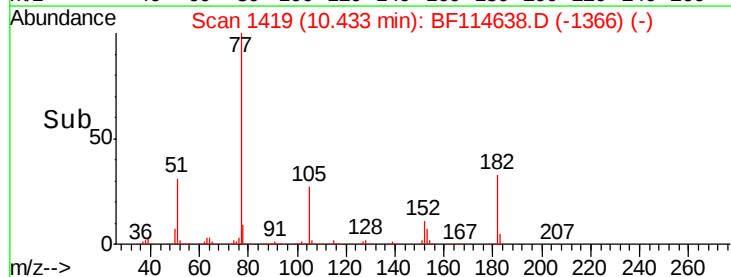
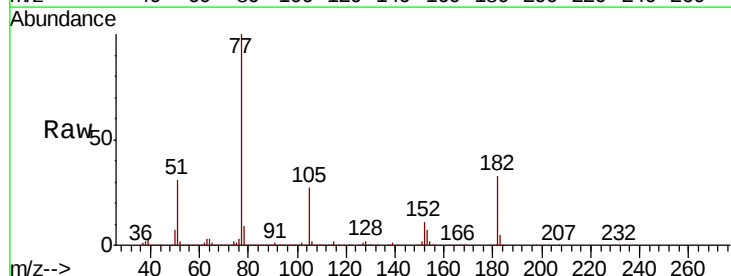
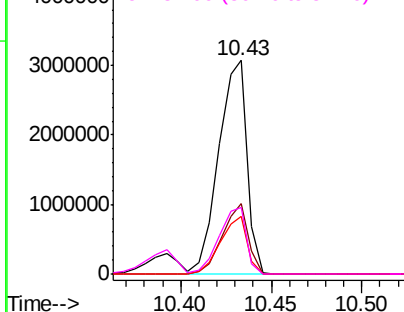
Abundance

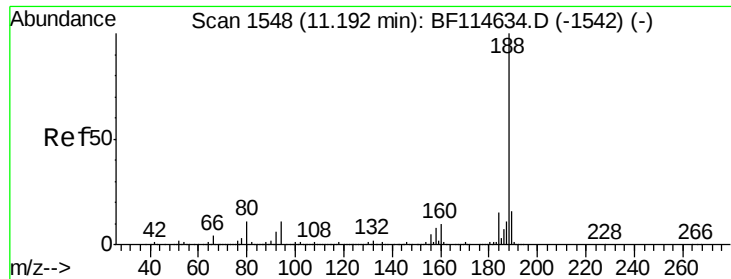
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:188 Resp: 1201226

Ion Ratio Lower Upper

188 100

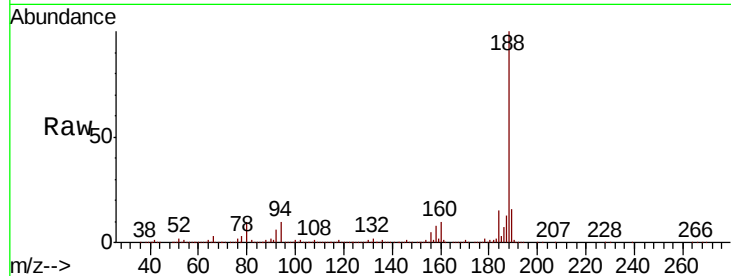
94 9.8 8.6 13.0

80 10.2 9.0 13.6

Manual Integrations
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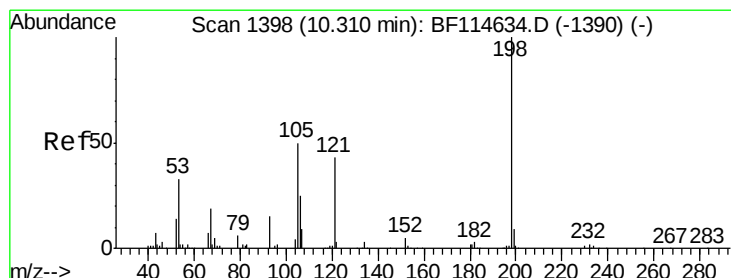
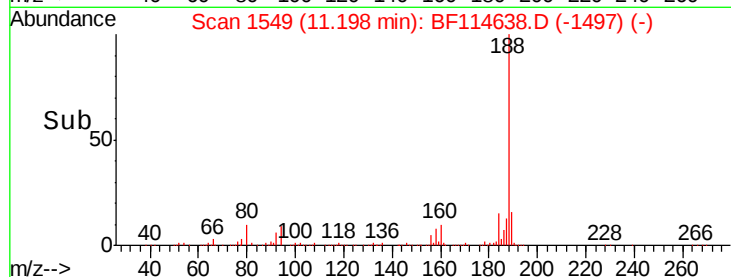
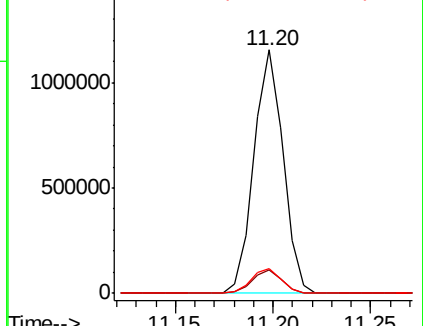
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 102.245 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.02 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

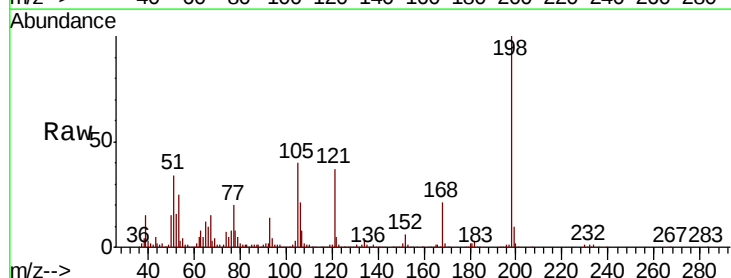
Tgt Ion:198 Resp: 590163

Ion Ratio Lower Upper

198 100

51 33.7 29.0 69.0

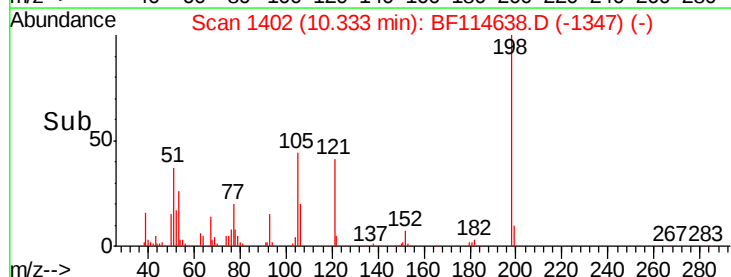
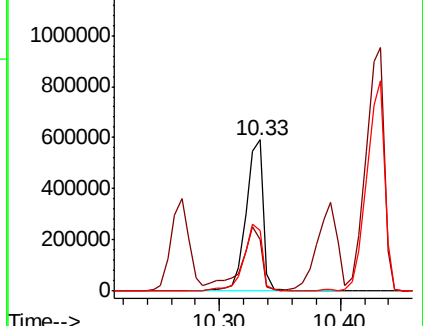
105 40.1 30.4 70.4

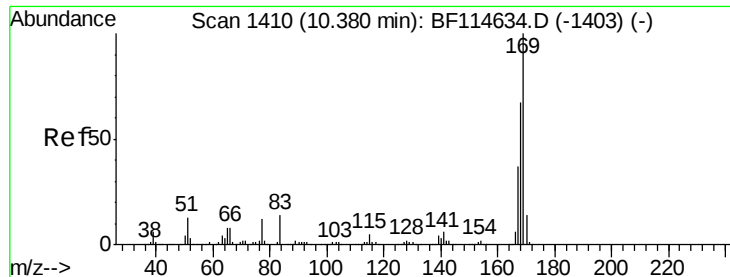


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





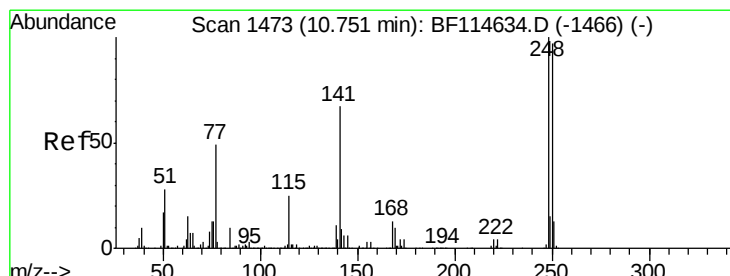
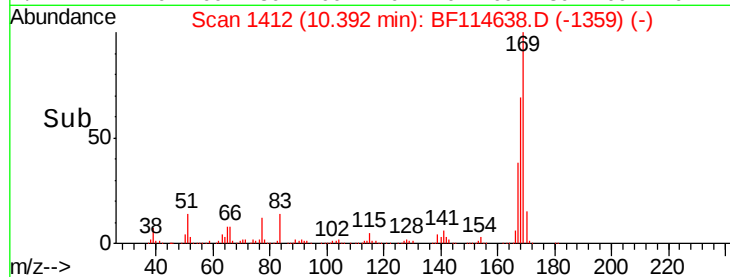
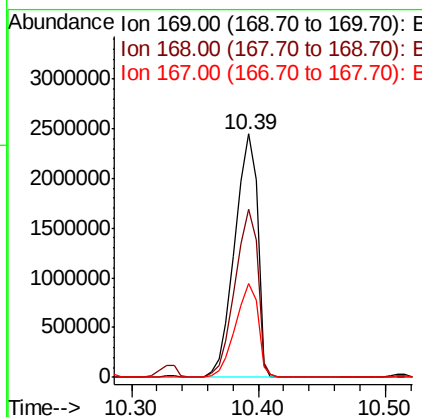
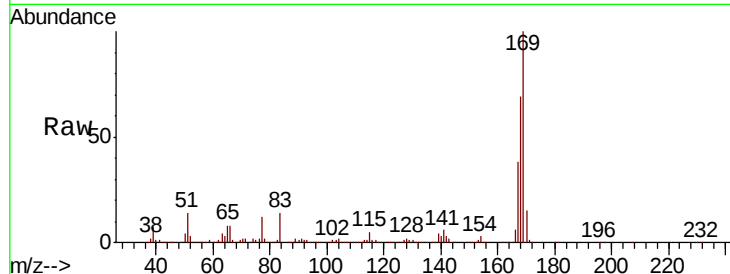
#66
n-Nitrosodiphenylamine
Concen: 82.802 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:169 Resp: 3018763
Ion Ratio Lower Upper
169 100
168 69.0 53.8 80.8
167 38.5 29.8 44.6

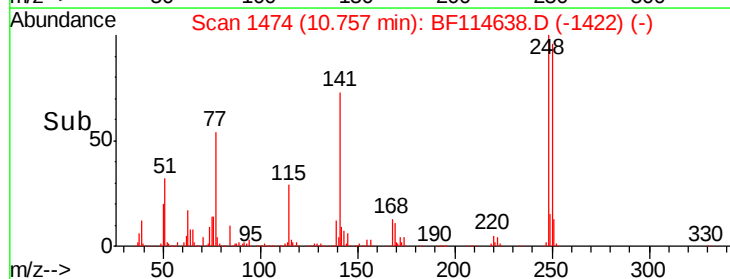
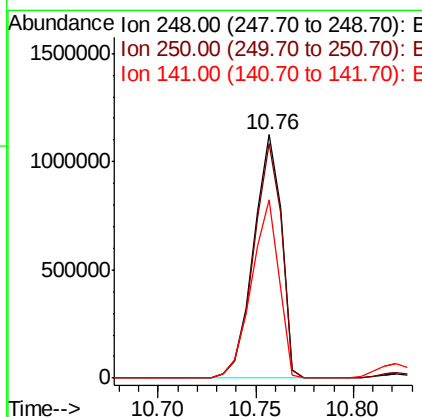
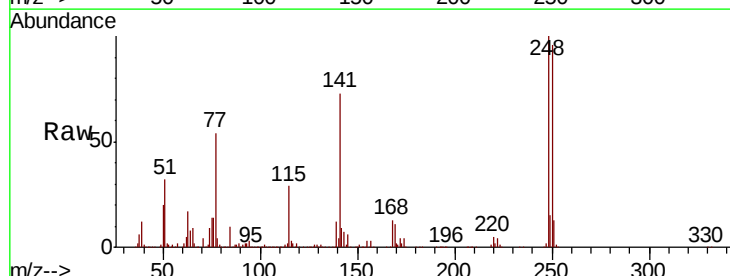
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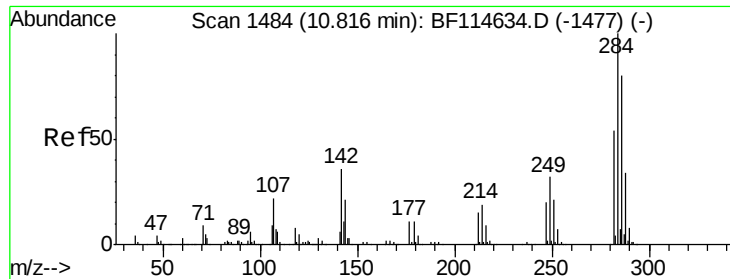
mohammad
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#67
4-Bromophenyl-phenylether
Concen: 84.040 ng
RT: 10.76 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion:248 Resp: 1111512
Ion Ratio Lower Upper
248 100
250 96.4 78.0 117.0
141 73.3 53.8 80.8





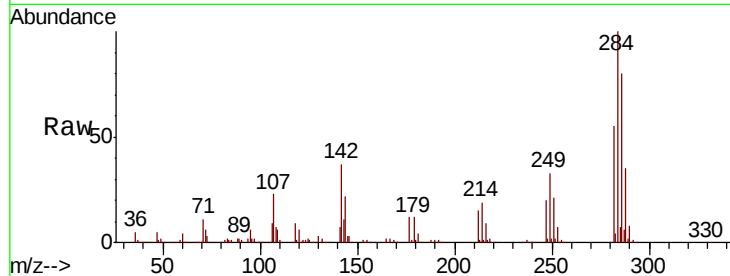
#68
Hexachlorobenzene
Concen: 81.625 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

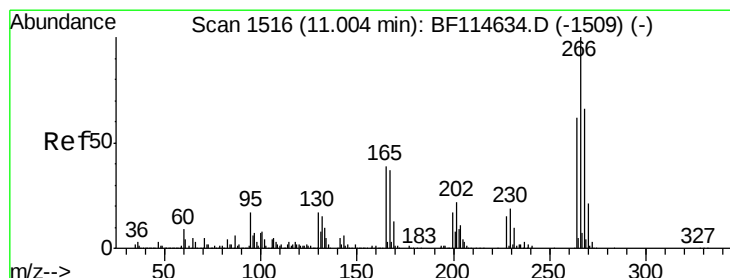
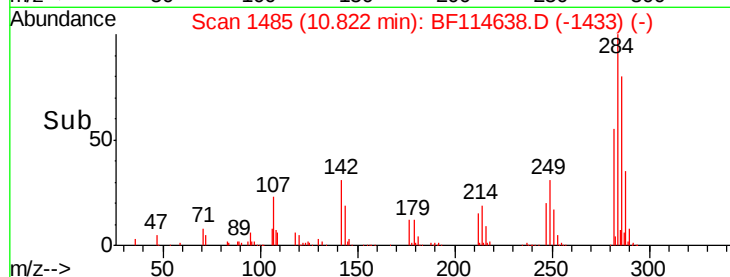
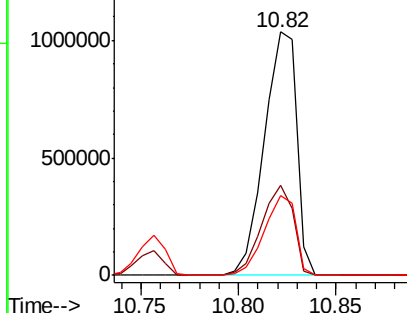
Tot Ion	Ratio	Lower	Upper
284	100		
142	37.0	28.9	43.3
249	32.8	25.8	38.6

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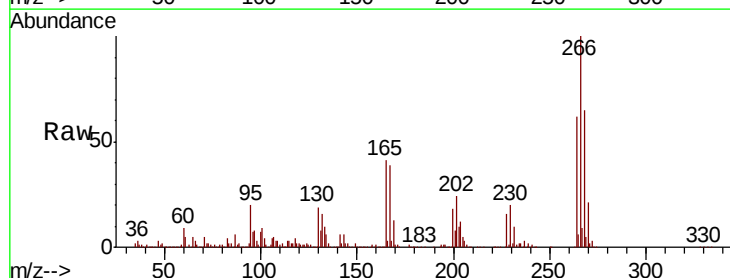


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

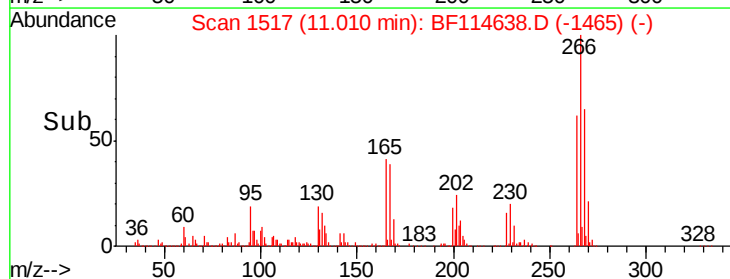
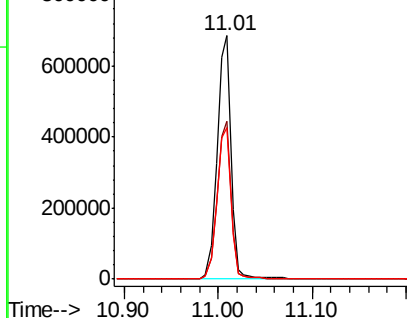


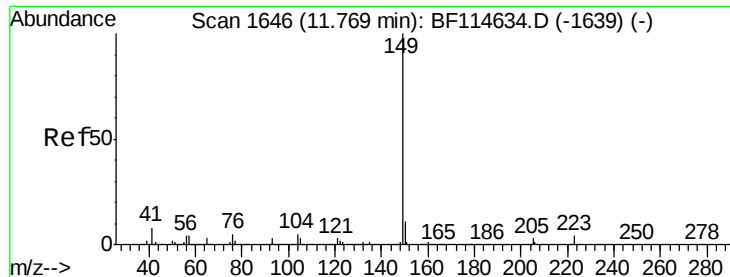
#70
Pentachlorophenol
Concen: 103.456 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.8	79.2
264	62.4	49.9	74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#74

Di-n-butylphthalate

Concen: 76.626 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampled :

SSTDICC100

Tot Ion:149 Resp: 4941428

Ion Ratio Lower Upper

149 100

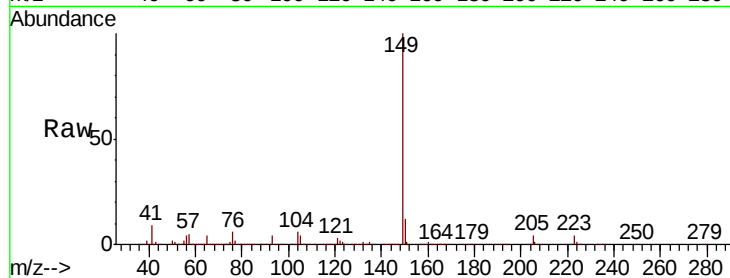
150 12.2 8.6 12.8

104 6.4 4.3 6.5

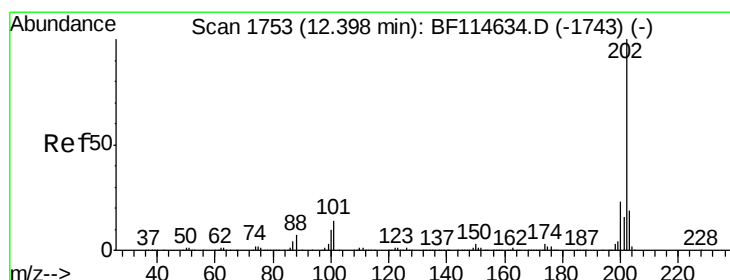
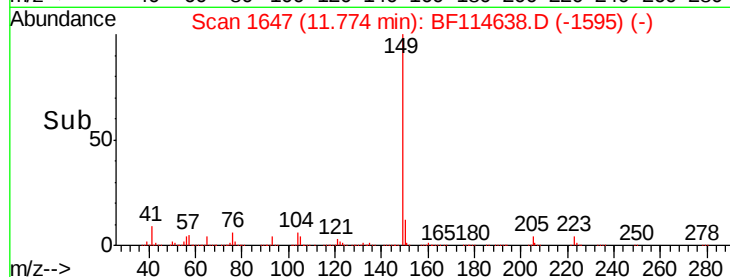
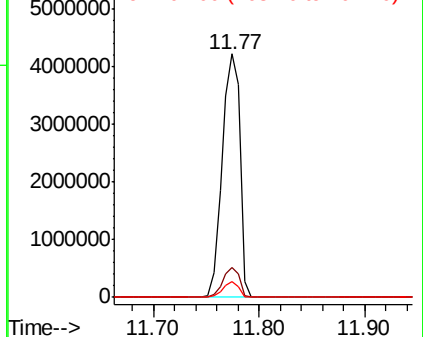
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 72.715 ng

RT: 12.41 min Scan# 1755

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

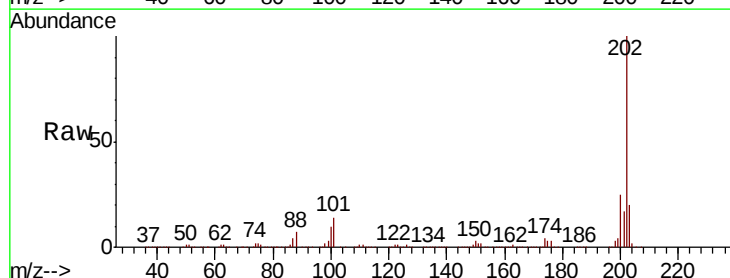
Tgt Ion:202 Resp: 4576220

Ion Ratio Lower Upper

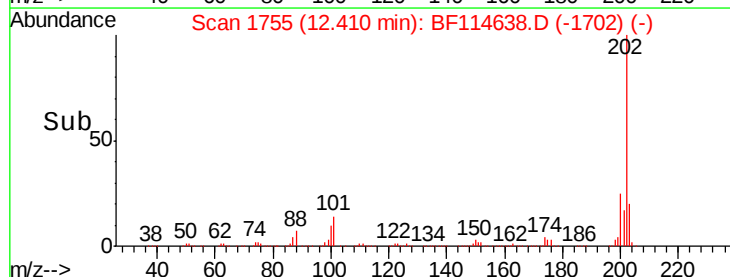
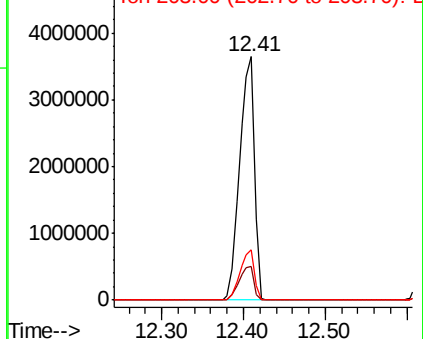
202 100

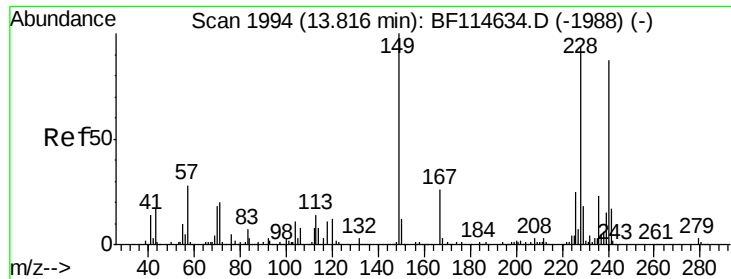
101 14.0 0.0 33.9

203 20.5 0.0 39.1



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





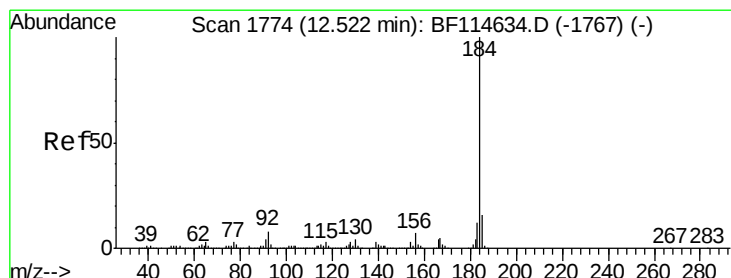
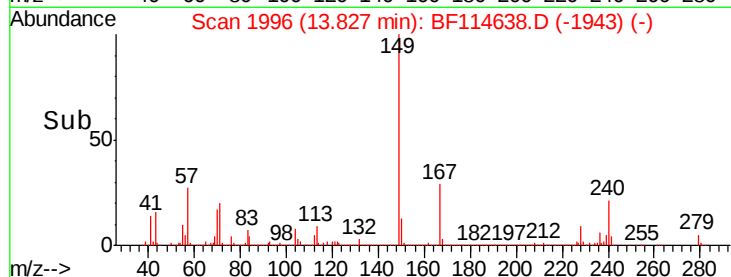
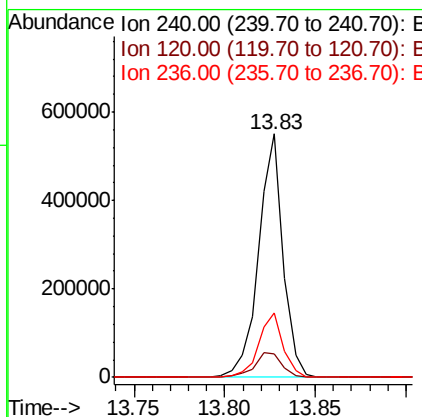
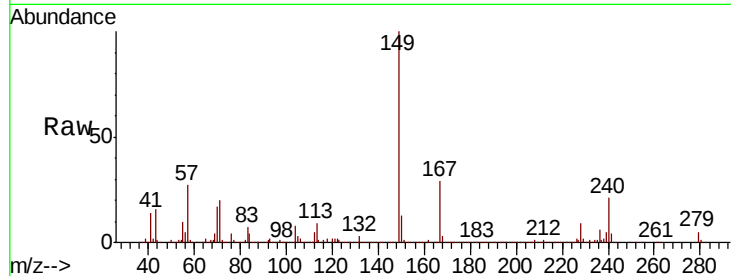
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	11.2	16.8#
236	26.5	21.2	31.8

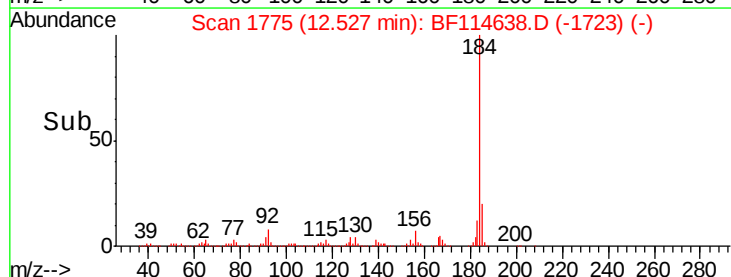
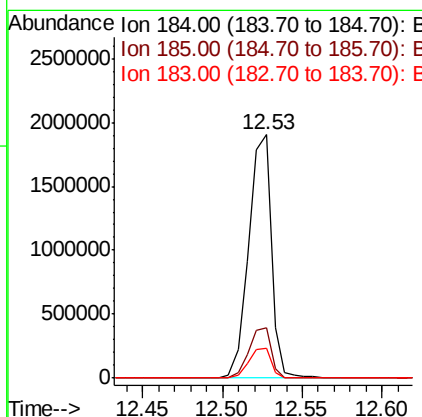
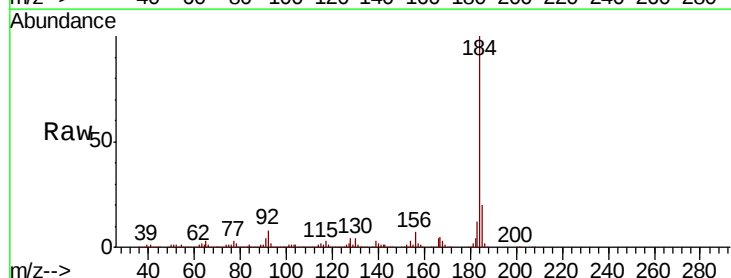
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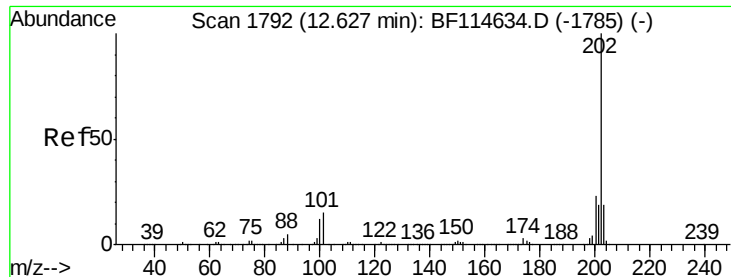
mohammad
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#77
Benzidine
Concen: 81.553 ng m
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	20.5	12.6	18.8#
183	12.3	9.4	14.2





#78

Pvrene

Concen: 113.555 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:202 Resp: 4710042

Ion Ratio Lower Upper

202 100

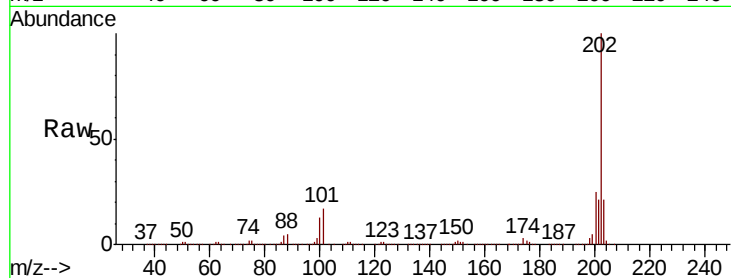
200 25.2 18.6 28.0

203 20.5 15.4 23.2

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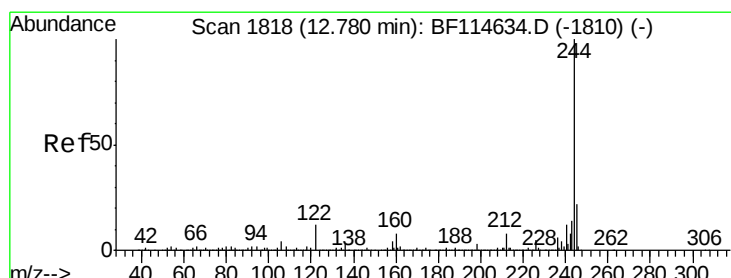
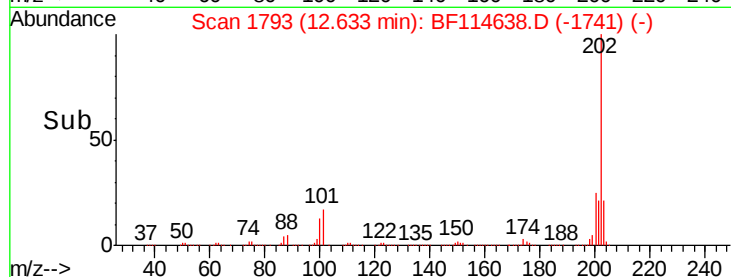
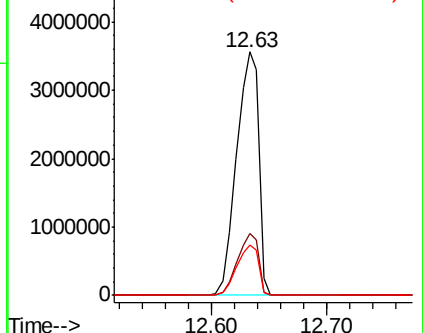
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 213.085 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

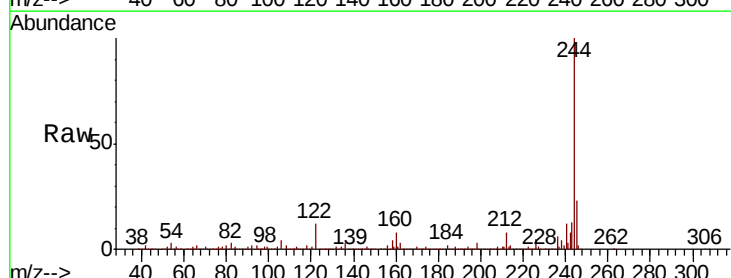
Tgt Ion:244 Resp: 5329690

Ion Ratio Lower Upper

244 100

212 8.1 6.1 9.1

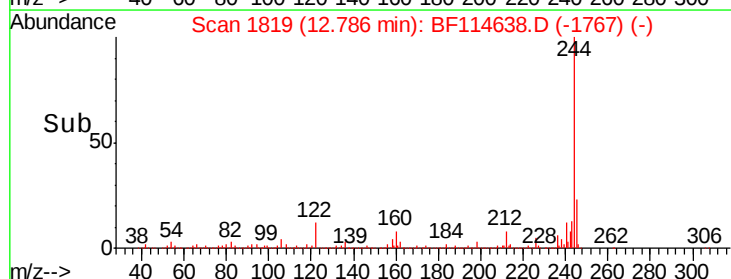
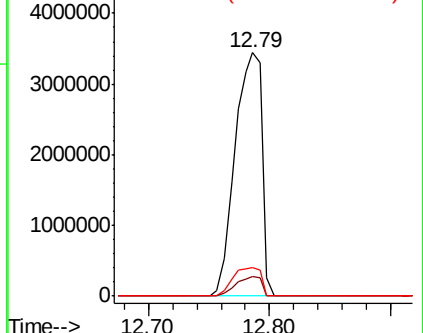
122 11.5 9.8 14.8

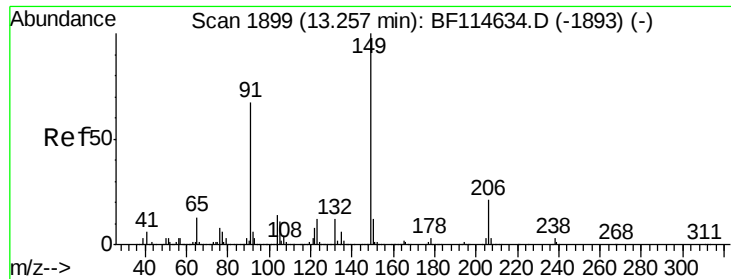


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





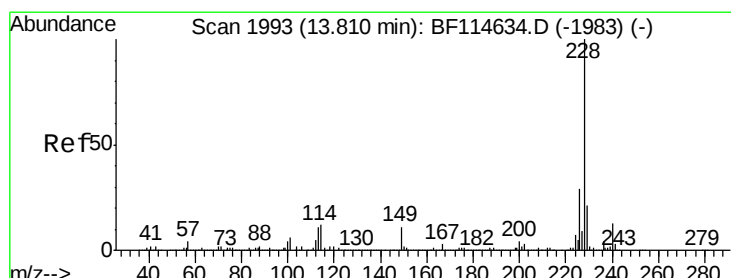
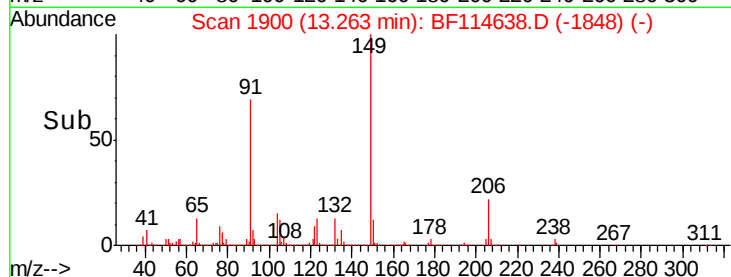
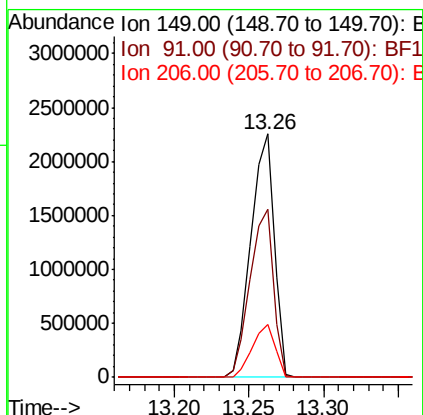
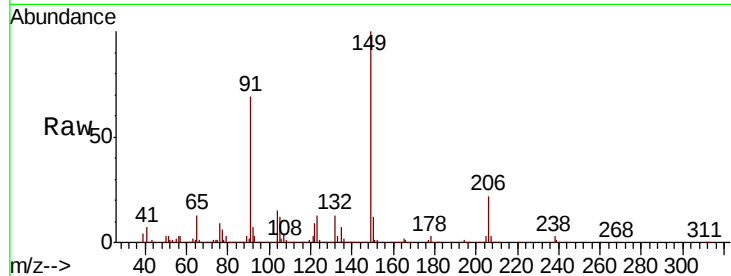
#80
Butylbenzylphthalate
Concen: 139.533 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.1	53.8	80.8
206	21.9	16.9	25.3

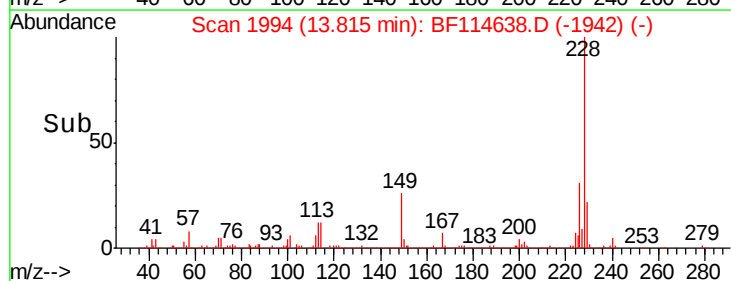
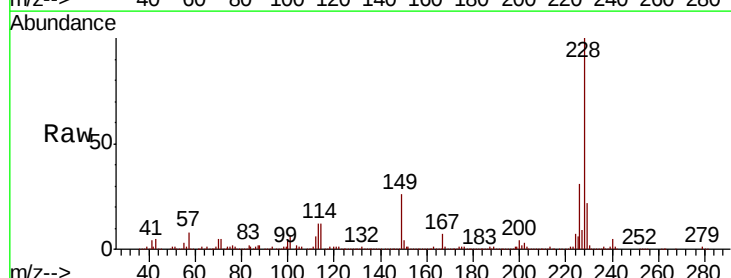
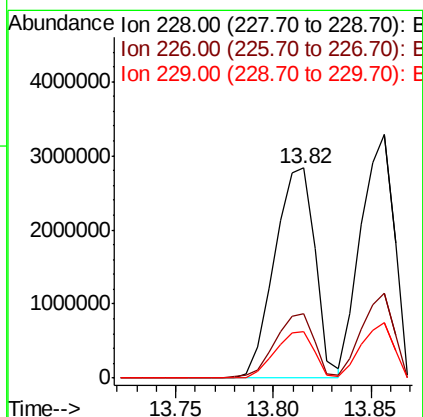
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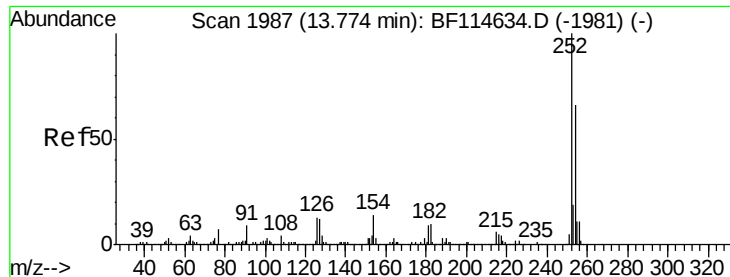
mohammad
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#81
Benzo(a)anthracene
Concen: 122.174 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.0	34.6
229	21.9	17.0	25.4





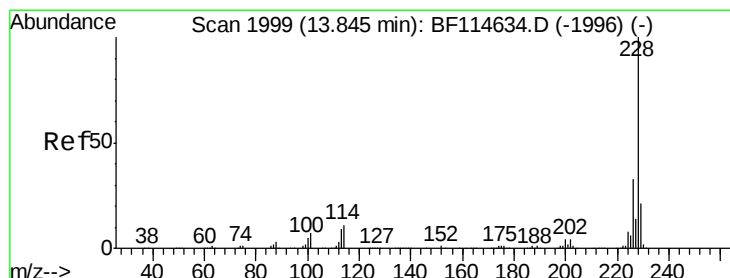
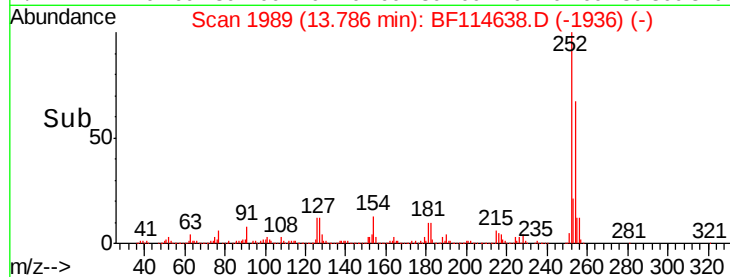
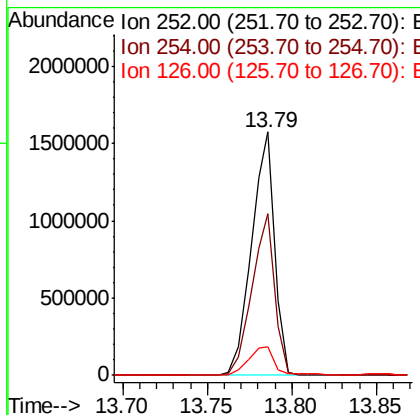
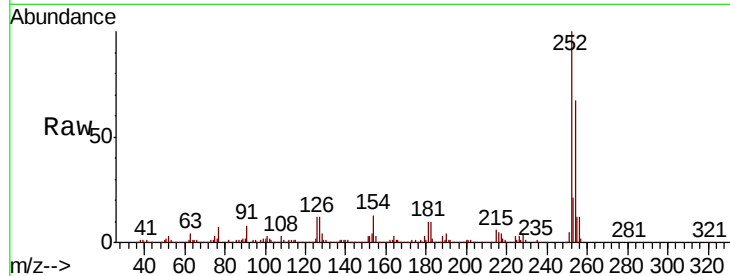
#82
 3,3'-Dichlorobenzidine
 Concen: 116.201 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	53.1	79.7
126	11.7	10.2	15.2

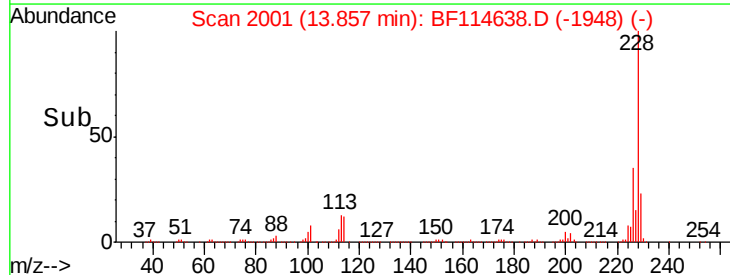
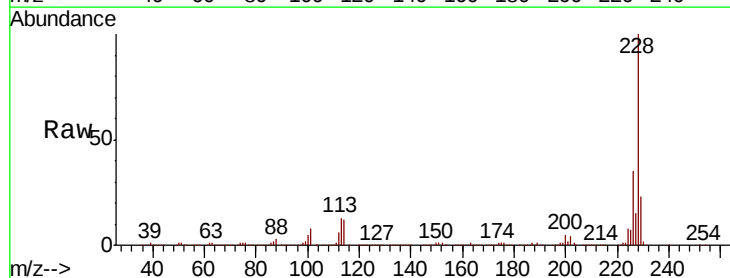
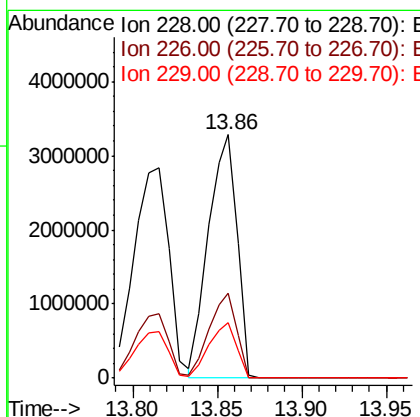
Manual Integrations
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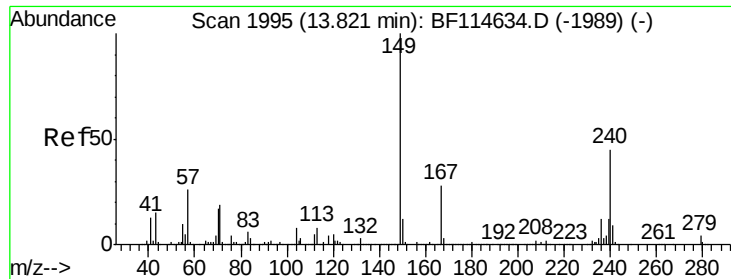
mohammad
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#83
 Chrysene
 Concen: 119.128 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.0	26.4	39.6
229	22.7	17.1	25.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 114.892 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:149 Resp: 2623371

Ion Ratio Lower Upper

149 100

167 29.3 22.6 33.8

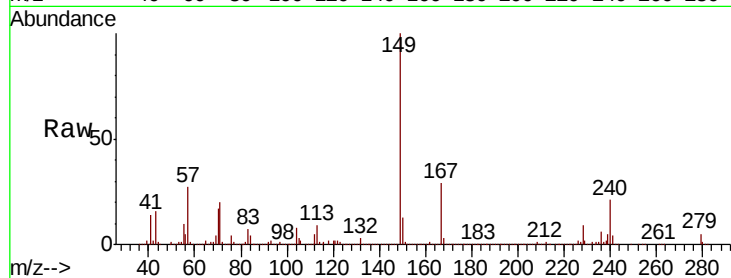
279 4.8 3.0 4.4#

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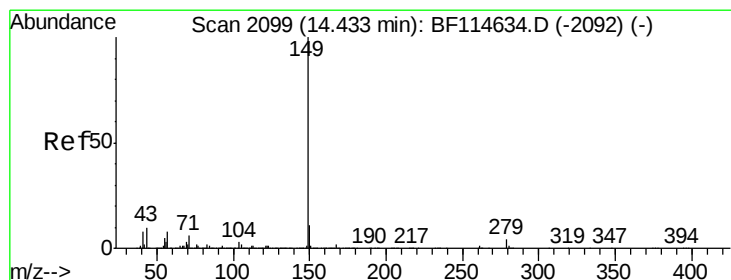
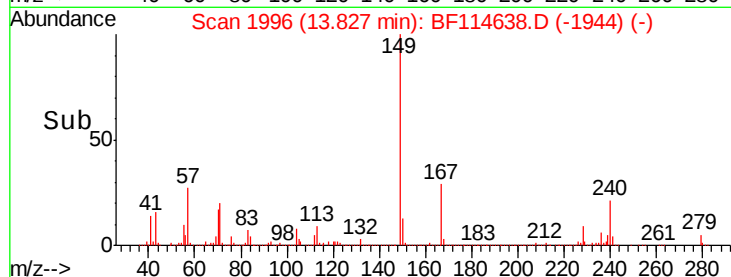
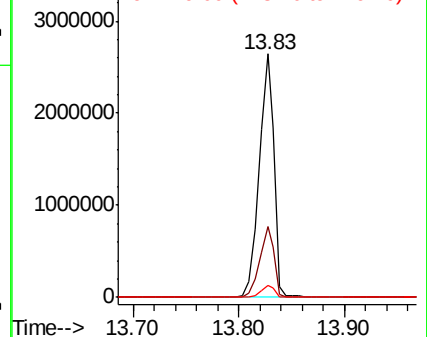
5/30/2019 12:47:49 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 125.100 ng

RT: 14.44 min Scan# 2100

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

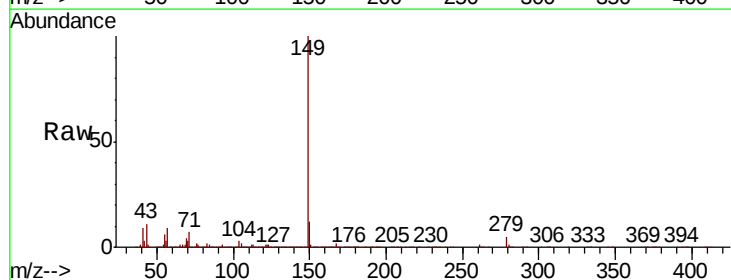
Tgt Ion:149 Resp: 4630494

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

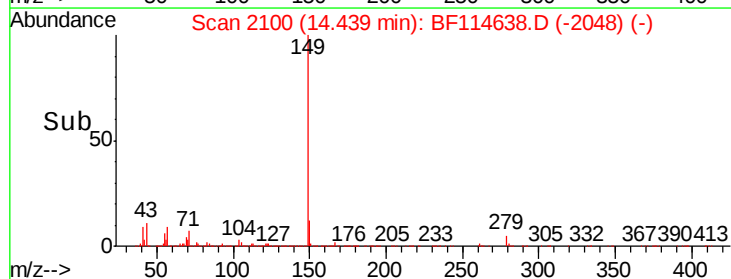
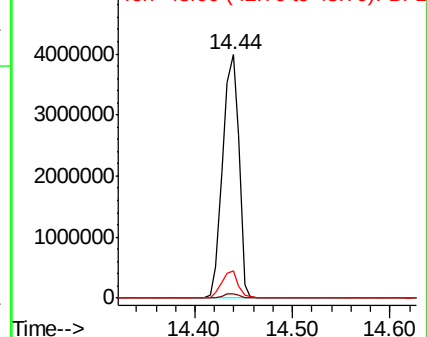
43 11.1 8.0 12.0

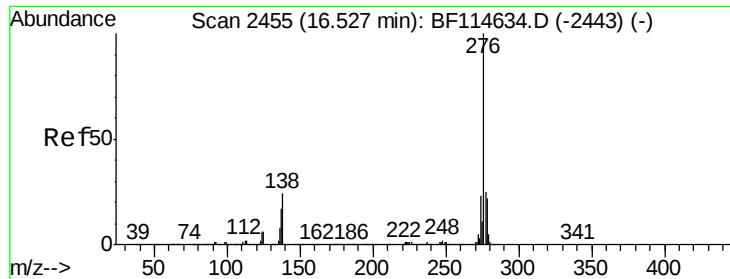


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





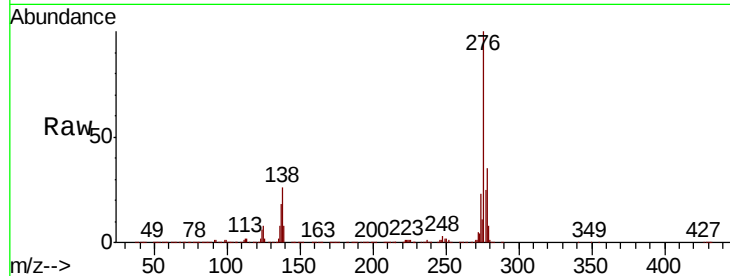
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 131.245 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. 0.01 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

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

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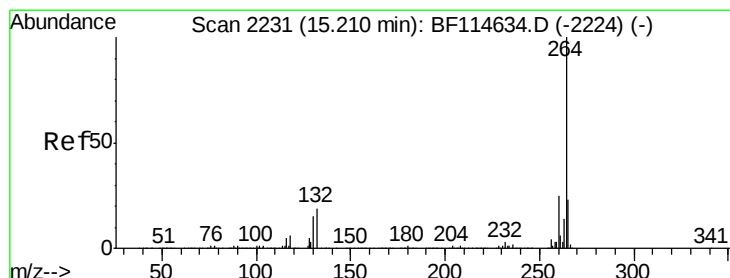
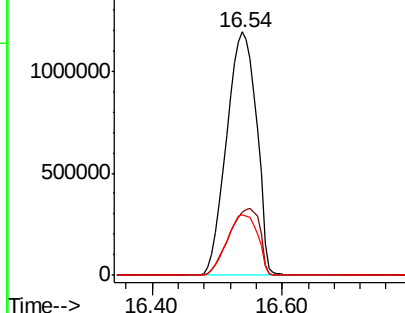
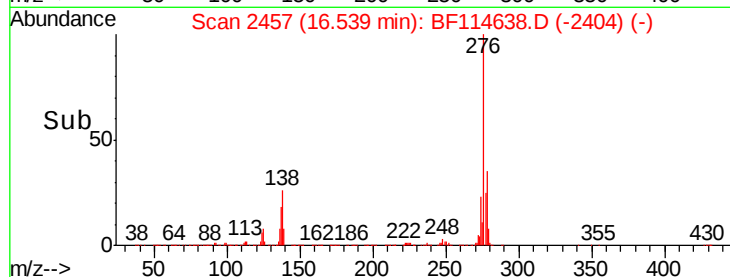


Abundance

Ion 276.00 (275.70 to 276.70): E

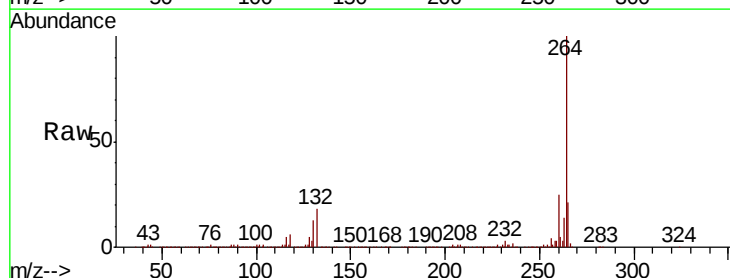
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.0	18.1	27.1

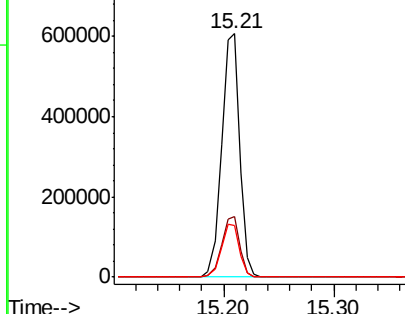
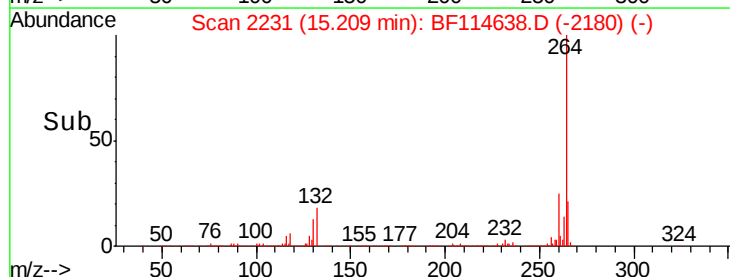


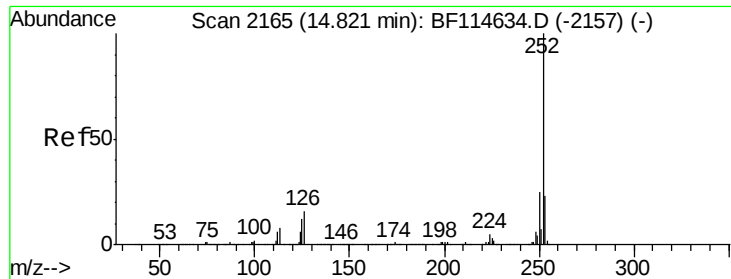
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 90.809 ng

RT: 14.83 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:252 Resp: 4026022

Ion Ratio Lower Upper

252 100

253 24.3 18.7 28.1

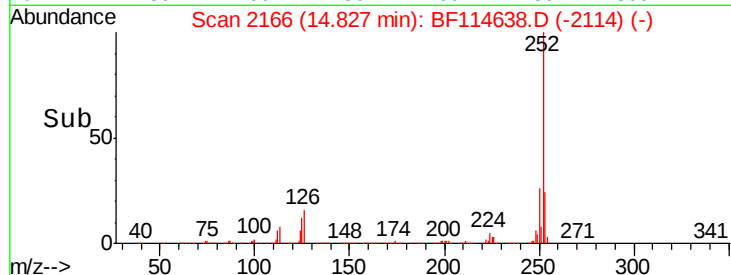
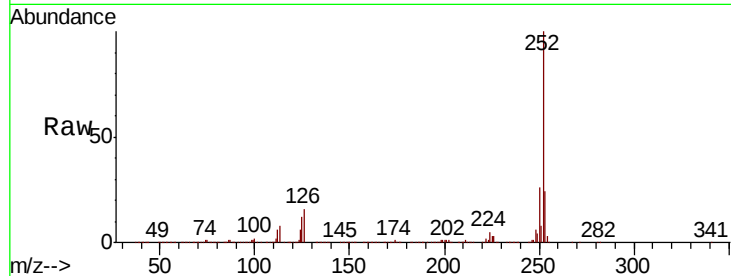
125 12.3 9.4 14.2

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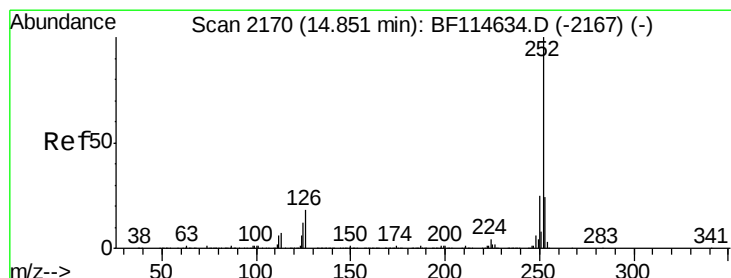
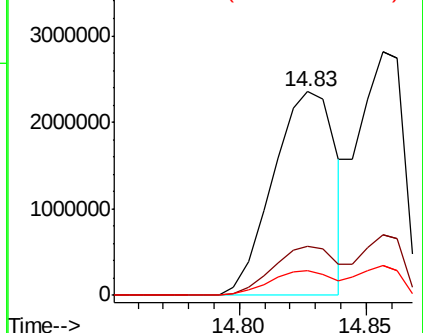
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 86.130 ng m

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

Lab File: BF114638.D

Acq: 29 May 2019 17:02

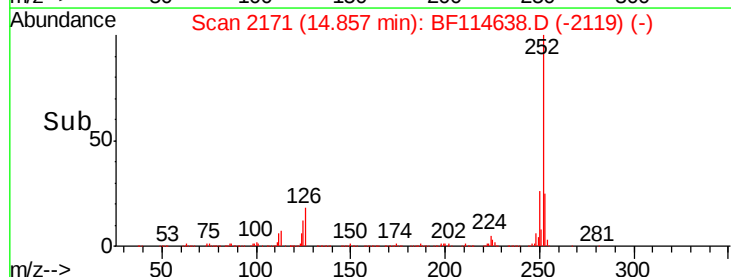
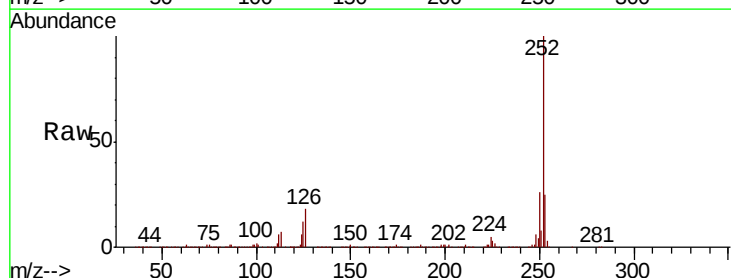
Tgt Ion:252 Resp: 3507752

Ion Ratio Lower Upper

252 100

253 24.7 18.9 28.3

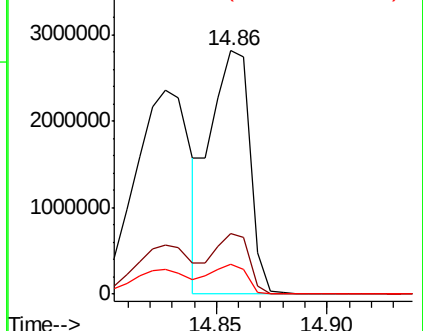
125 12.2 9.5 14.3

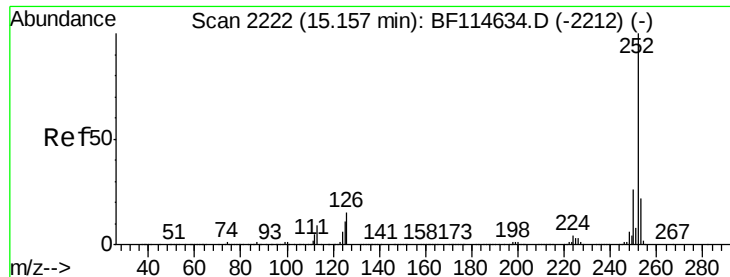


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





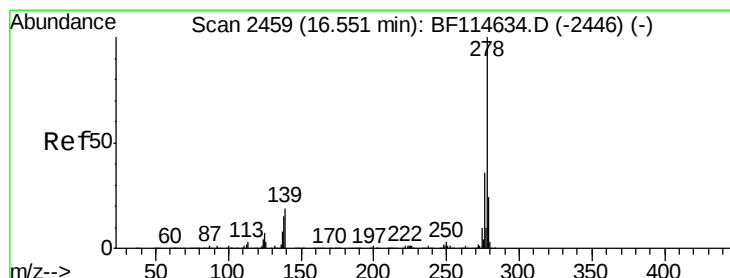
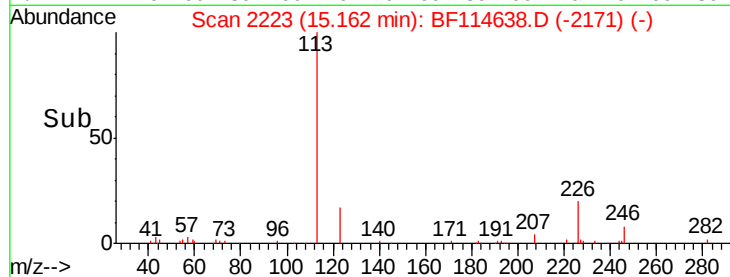
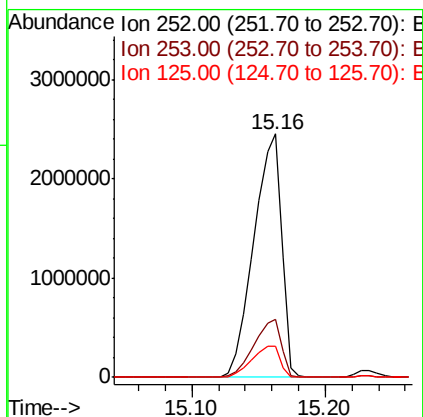
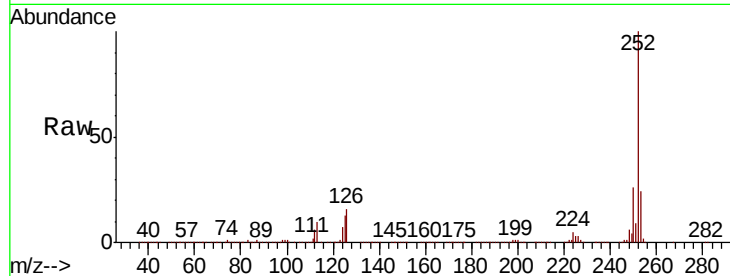
#90
Benzo(a)pyrene
Concen: 90.263 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.6	9.2	13.8

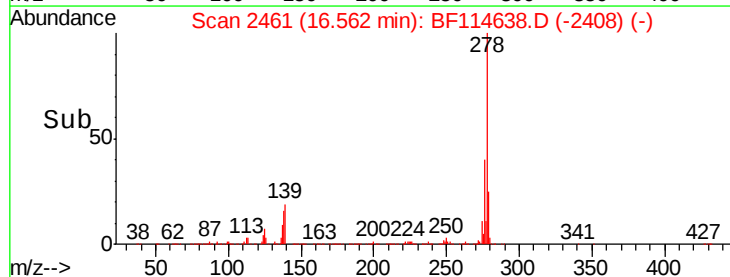
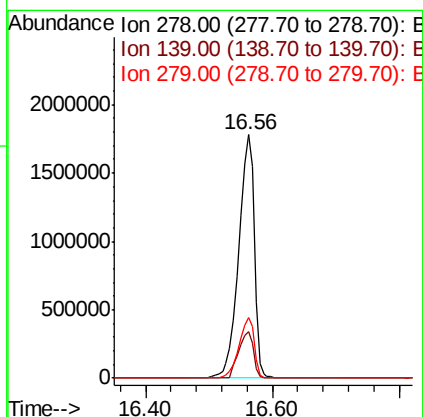
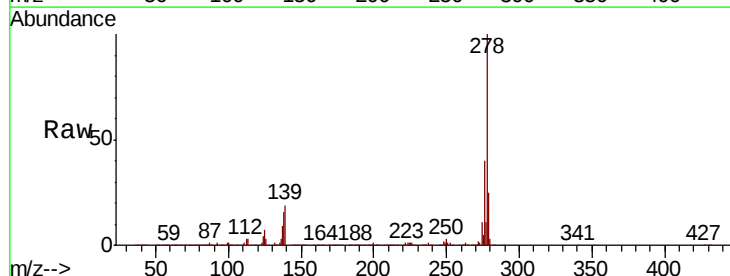
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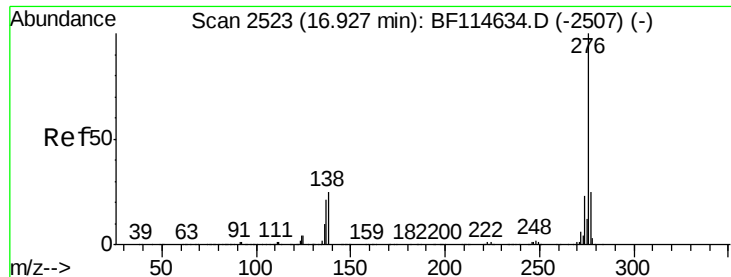
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#91
Dibenzo(a,h)anthracene
Concen: 91.891 ng
RT: 16.56 min Scan# 2461
Delta R.T. 0.01 min
Lab File: BF114638.D
Acq: 29 May 2019 17:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.9	22.3
279	24.9	19.5	29.3





#92
 Benzo(a,h,i)perylene
 Concen: 94.740 ng
 RT: 16.94 min Scan# 2526
 Delta R.T. 0.02 min
 Lab File: BF114638.D
 Acq: 29 May 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	25.5	19.8	29.8

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