

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114954.D
 Acq On : 11 Jun 2019 20:15
 Operator : HP/JU
 Sample : K3262-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:09:00 AM

Quant Time: Jun 12 05:05:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	251456	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	975147	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	463206	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	836388	20.00	ng	0.00
76) Chrysene-d12	13.79	240	481579	20.00	ng	0.00
87) Perylene-d12	15.17	264	529319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1655179	111.40	ng	0.02
7) Phenol-d6	6.32	99	1902634	106.17	ng	0.00
23) Nitrobenzene-d5	7.23	82	1381187	87.03	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	576134	114.34	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2504240	85.80	ng	0.00
79) Terphenyl-d14	12.75	244	2290687	94.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	250516	35.532	ng	# 84
3) Pyridine	3.09	79	471452	24.022	ng	98
4) n-Nitrosodimethylamine	3.00	42	271883	38.568	ng	99
6) Aniline	6.33	93	156320	6.439	ng	# 1
8) 2-Chlorophenol	6.45	128	720585	42.495	ng	96
9) Benzaldehyde	6.20	77	49607	4.325	ng	98
10) Phenol	6.33	94	697991	34.928	ng	# 72
11) bis(2-Chloroethyl)ether	6.40	93	664007	41.691	ng	99
12) 1,3-Dichlorobenzene	6.60	146	790168	40.150	ng	99
13) 1,4-Dichlorobenzene	6.68	146	810319	41.060	ng	99
14) 1,2-Dichlorobenzene	6.83	146	743950	41.532	ng	99
15) Benzyl Alcohol	6.81	79	468074	36.196	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	878194	40.093	ng	94
17) 2-Methylphenol	6.93	107	575988	40.567	ng	99
18) Hexachloroethane	7.17	117	274435	37.734	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	461406	41.173	ng	99
20) 3+4-Methylphenols	7.09	107	695787	43.767	ng	92
22) Acetophenone	7.07	105	988372	45.280	ng	95
24) Nitrobenzene	7.25	77	727504	44.064	ng	99
25) Isophorone	7.49	82	1312835	42.242	ng	97
26) 2-Nitrophenol	7.56	139	404607	44.111	ng	100
27) 2,4-Dimethylphenol	7.61	122	648553	48.319	ng	98
28) bis(2-Chloroethoxy)methane	7.70	93	842081	42.355	ng	99
29) 2,4-Dichlorophenol	7.81	162	625073	44.470	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	689337	42.733	ng	98
31) Naphthalene	7.97	128	2072281	46.120	ng	99
32) Benzoic acid	7.73	122	187133	18.665	ng	96
33) 4-Chloroaniline	8.02	127	96480	4.550	ng	97
34) Hexachlorobutadiene	8.09	225	370849	40.988	ng	99
35) Caprolactam	8.39	113	154869m	32.708	ng	
36) 4-Chloro-3-methylphenol	8.51	107	632718	44.318	ng	99
37) 2-Methylnaphthalene	8.66	142	1394744	45.679	ng	99
38) 1-Methylnaphthalene	8.76	142	1325851	45.913	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	631725	47.435	ng	99

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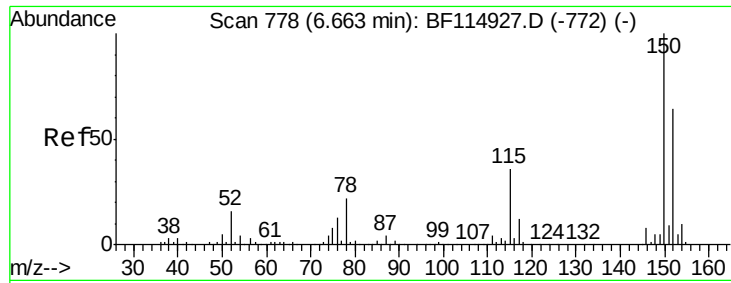
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Quant Time: Jun 12 05:05:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	252542	33.360	nq	98
43) 2,4,6-Trichlorophenol	8.94	196	446699	44.172	nq	97
44) 2,4,5-Trichlorophenol	8.99	196	460790	44.191	nq	96
46) 1,1'-Biphenyl	9.12	154	1644791	47.463	nq	98
47) 2-Chloronaphthalene	9.14	162	1307840	44.707	nq	99
48) 2-Nitroaniline	9.24	65	376839	42.319	nq	99
49) Acenaphthylene	9.56	152	1994152	46.258	nq	98
50) Dimethylphthalate	9.42	163	1557750	44.745	nq	99
51) 2,6-Dinitrotoluene	9.48	165	354715	44.360	nq	98
52) Acenaphthene	9.73	154	1151300	44.083	nq	100
53) 3-Nitroaniline	9.64	138	116181	12.100	nq	99
54) 2,4-Dinitrophenol	9.76	184	113296	28.627	nq	# 89
55) Dibenzofuran	9.90	168	1716990	46.055	nq	98
56) 4-Nitrophenol	9.82	139	506748	74.049	nq	95
57) 2,4-Dinitrotoluene	9.89	165	449252	44.447	nq	94
58) Fluorene	10.24	166	1246852	43.386	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	369771	43.866	nq	100
60) Diethylphthalate	10.12	149	1517085	44.835	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	622026	43.235	nq	100
62) 4-Nitroaniline	10.26	138	334174	33.959	nq	99
63) Azobenzene	10.39	77	1278595	43.414	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	86817	18.509	nq	94
66) n-Nitrosodiphenylamine	10.35	169	1186503	47.749	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	407827	45.016	nq	99
68) Hexachlorobenzene	10.79	284	422839	42.265	nq	98
69) Atrazine	10.88	200	323316	38.615	nq	99
70) Pentachlorophenol	10.98	266	386698	68.929	nq	99
71) Phenanthrene	11.19	178	1841554	45.382	nq	98
72) Anthracene	11.25	178	1874419	45.509	nq	99
73) Carbazole	11.40	167	1679132	44.778	nq	98
74) Di-n-butylphthalate	11.74	149	2209616	47.679	nq	98
75) Fluoranthene	12.37	202	1725648	41.114	nq	95
77) Benzidine	12.49	184	19496	0.925	nq	# 76
78) Pyrene	12.60	202	1696260	40.444	nq	98
80) Butylbenzylphthalate	13.22	149	856990	41.475	nq	98
81) Benzo(a)anthracene	13.78	228	1477368	41.489	nq	99
82) 3,3'-Dichlorobenzidine	13.74	252	263580	18.134	nq	98
83) Chrysene	13.82	228	1528346	42.742	nq	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1080652	44.657	nq	100
85) Di-n-octyl phthalate	14.39	149	1978305	44.752	nq	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1285793	38.249	nq	100
88) Benzo(b)fluoranthene	14.79	252	1638858	47.558	nq	98
89) Benzo(k)fluoranthene	14.82	252	1329181	44.445	nq	99
90) Benzo(a)pyrene	15.12	252	1375134	45.943	nq	99
91) Dibenzo(a,h)anthracene	16.50	278	1091385	43.167	nq	98
92) Benzo(g,h,i)perylene	16.87	276	1021457	40.531	nq	99

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



#1

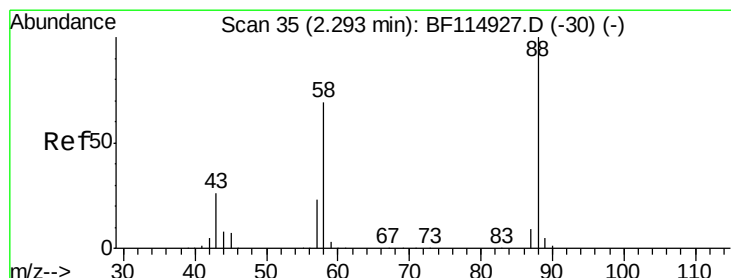
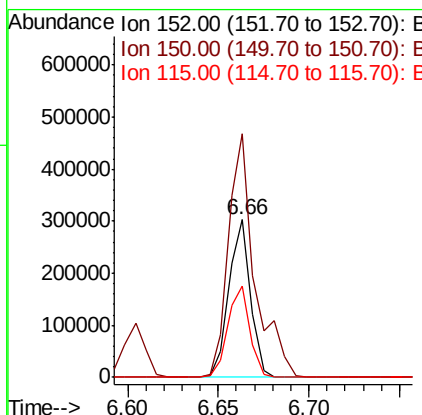
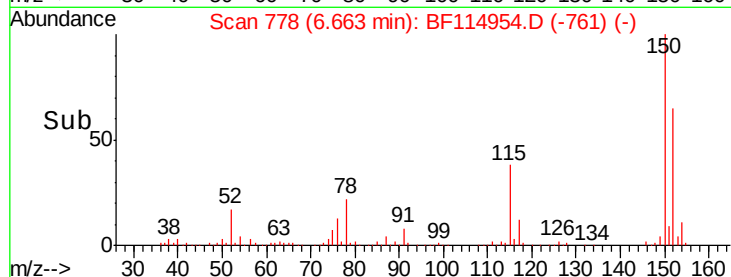
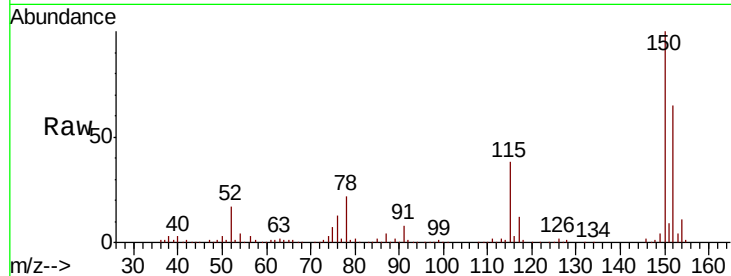
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	125.2	187.8
115	57.9	45.0	67.4

Manual Integrations
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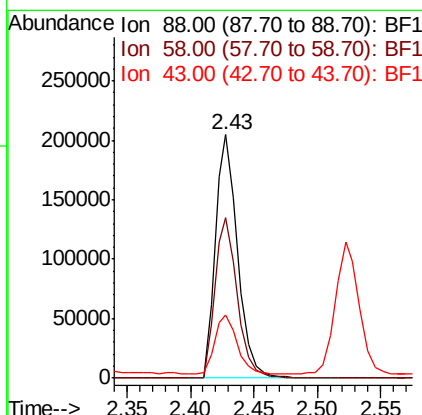
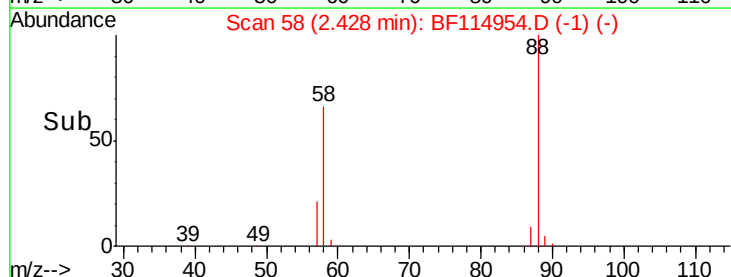
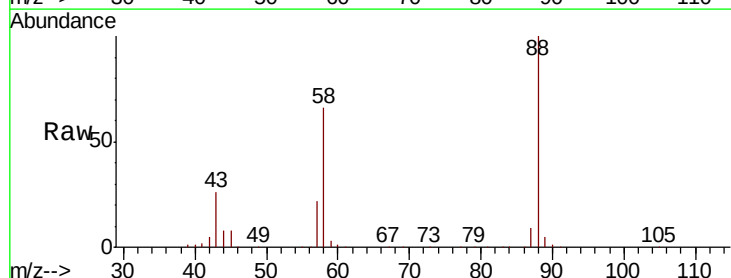
mohammad
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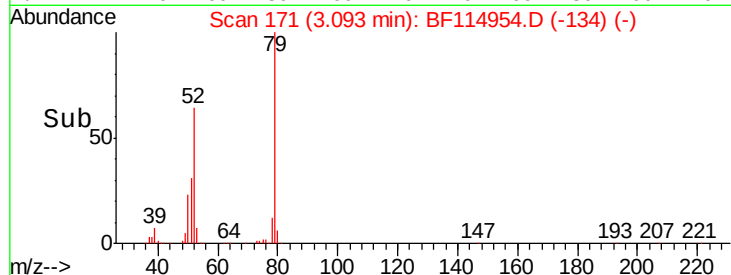
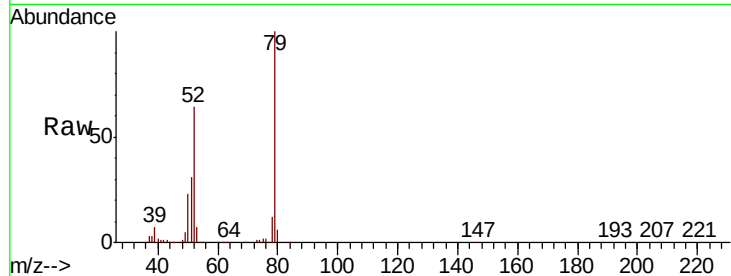
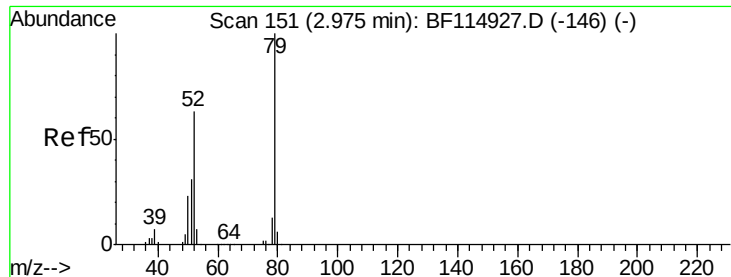


#2

1,4-Dioxane
Concen: 35.532 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.14 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	54.2	81.2
43	0.0	20.6	30.8#





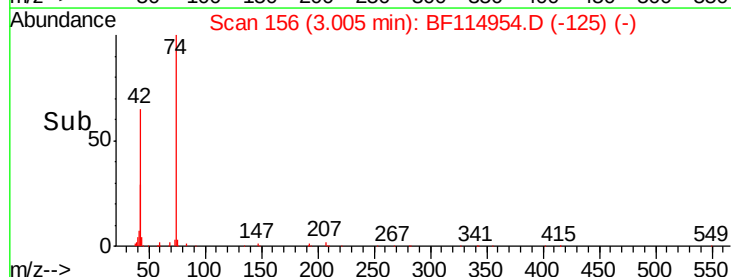
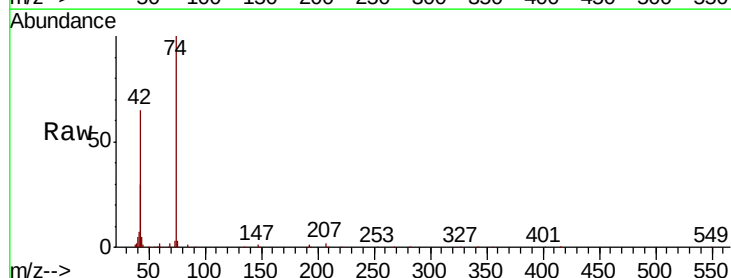
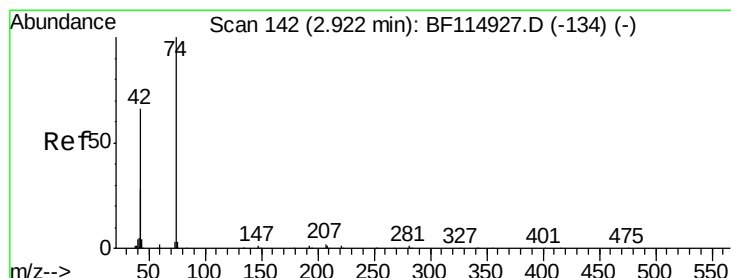
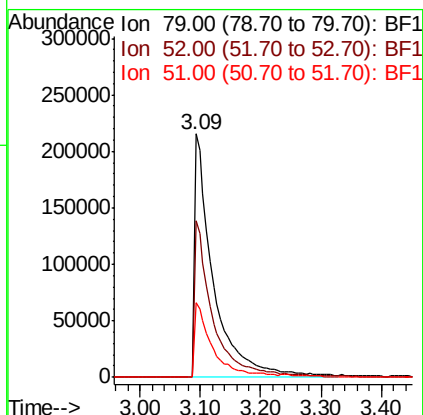
#3
Pvridine
Concen: 24.022 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.12 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	50.2	75.2
51	30.7	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

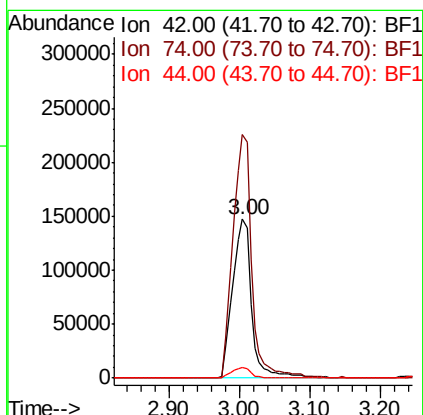
Manual Integrations
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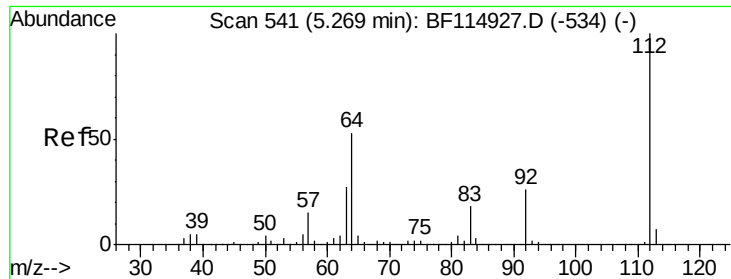
mohammad
6/12/2019 9:09:00 AM



#4
n-Nitrosodimethylamine
Concen: 38.568 ng
RT: 3.00 min Scan# 156
Delta R.T. 0.08 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.1	121.9	182.9
44	6.9	5.1	7.7





#5

2-Fluorophenol

Concen: 111.401 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:112 Resp: 1655179

Ion Ratio Lower Upper

112 100

64 54.7 42.1 63.1

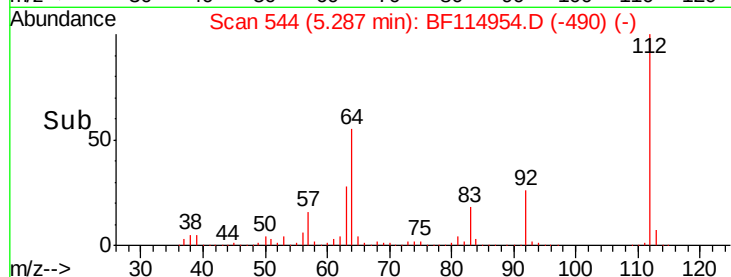
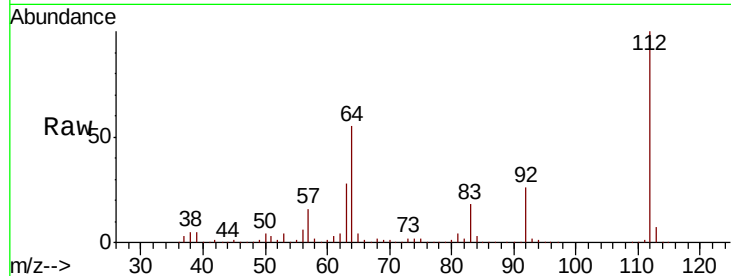
63 28.3 21.8 32.8

Manual Integrations

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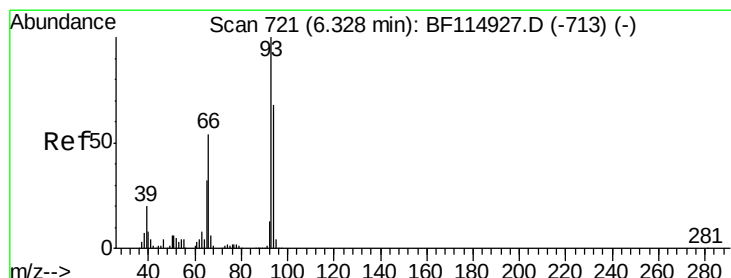
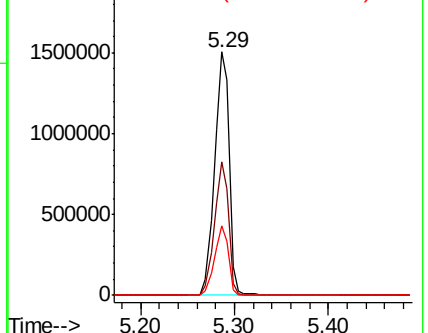
6/12/2019 9:09:00 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.439 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

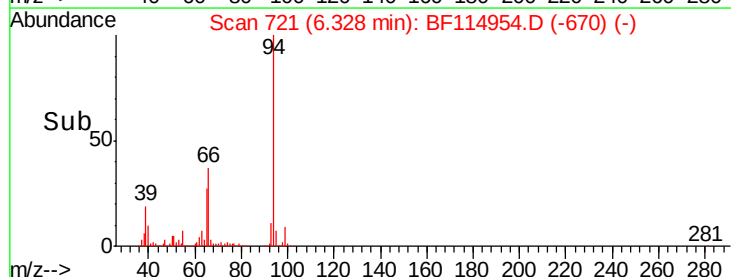
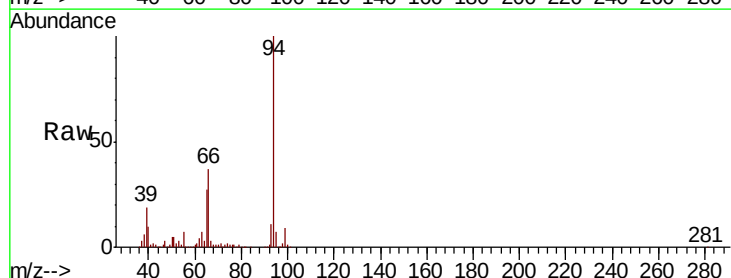
Tgt Ion: 93 Resp: 156320

Ion Ratio Lower Upper

93 100

66 325.8 43.6 65.4#

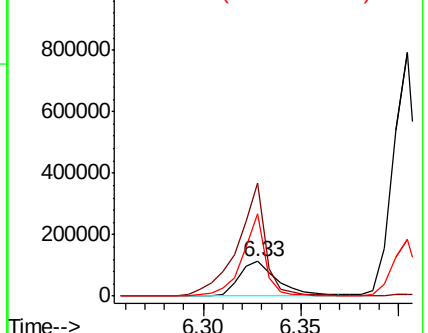
65 237.5 25.7 38.5#

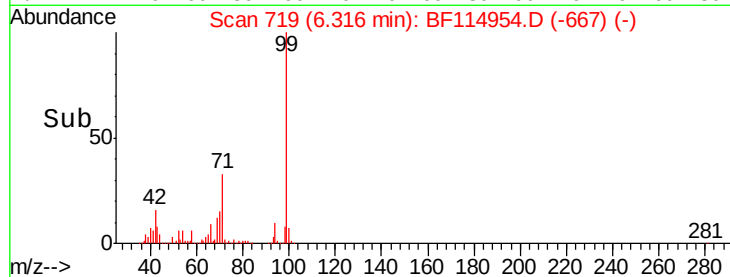
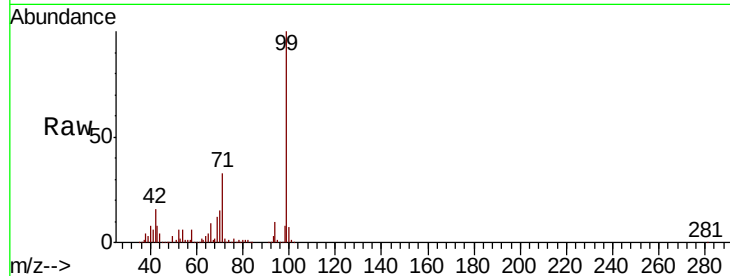
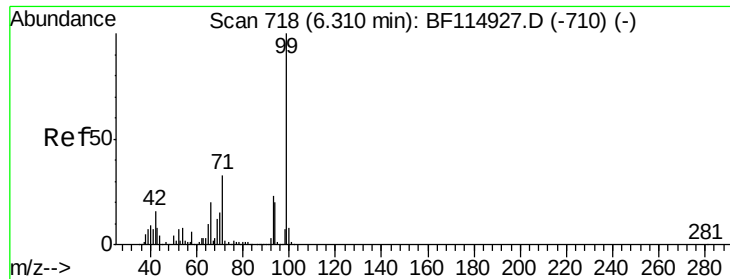


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.166 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tot Ion: 99 Resp: 1902634

Ion Ratio Lower Upper

99 100

42 16.0 13.1 19.7

71 33.2 26.8 40.2

Instrument :

BNA_F

ClientSampleId :

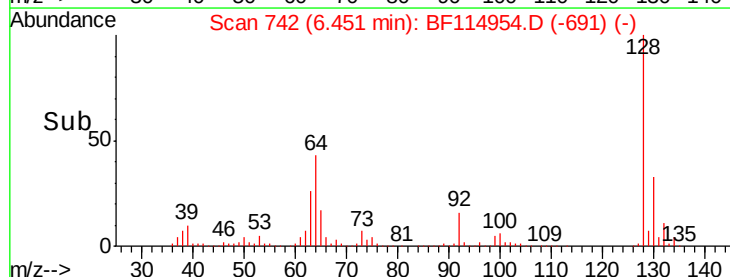
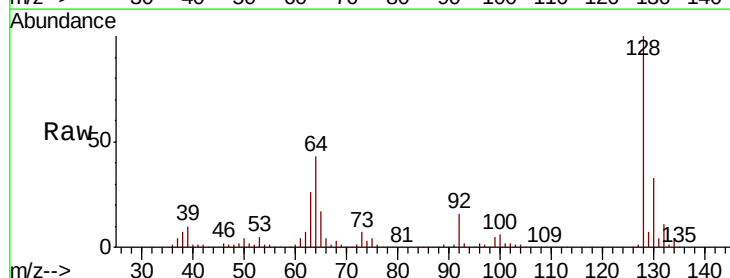
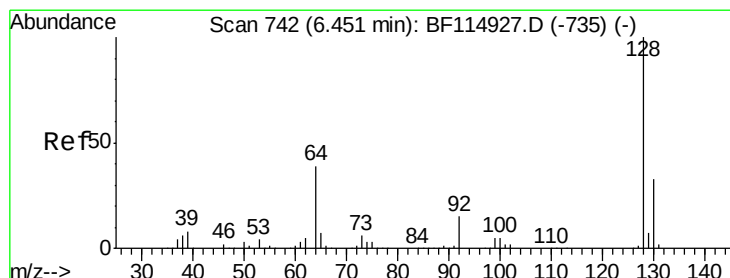
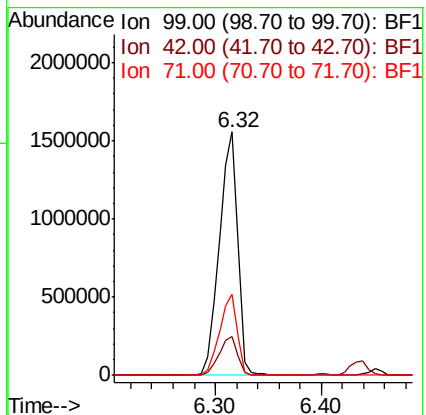
STOCK-PILE-1MS

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#8

2-Chlorophenol

Concen: 42.495 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

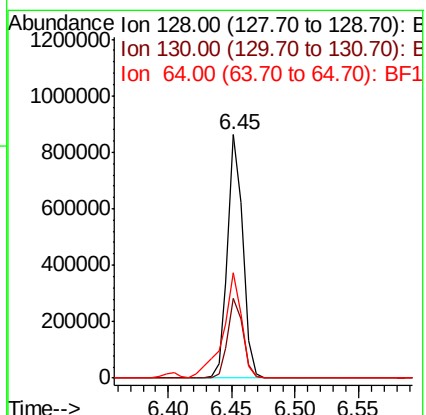
Tgt Ion: 128 Resp: 720585

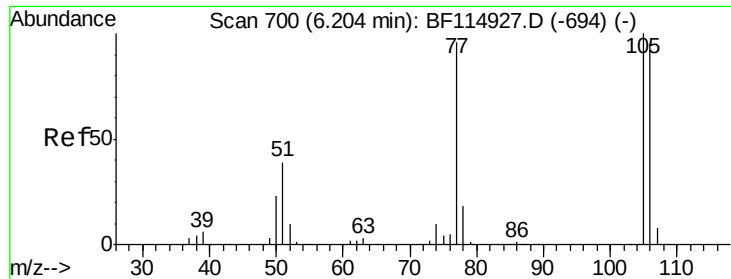
Ion Ratio Lower Upper

128 100

130 32.6 13.3 53.3

64 43.3 19.5 59.5





#9

Benzaldehyde

Concen: 4.325 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

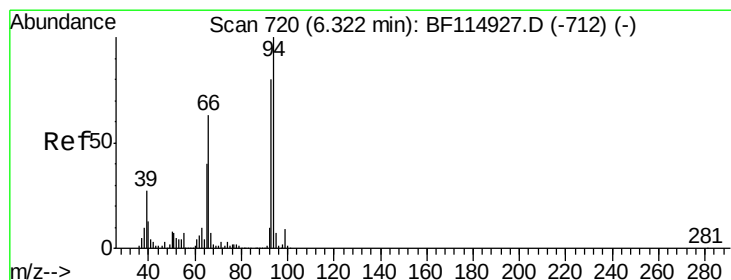
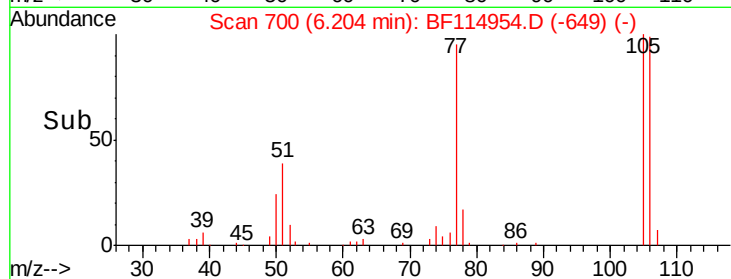
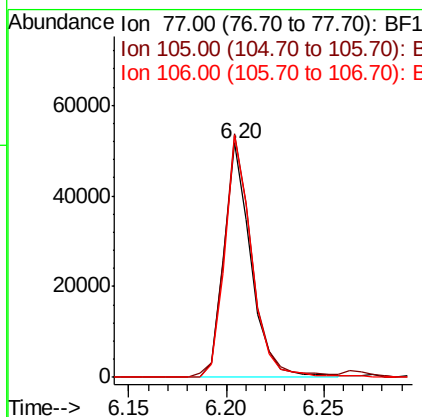
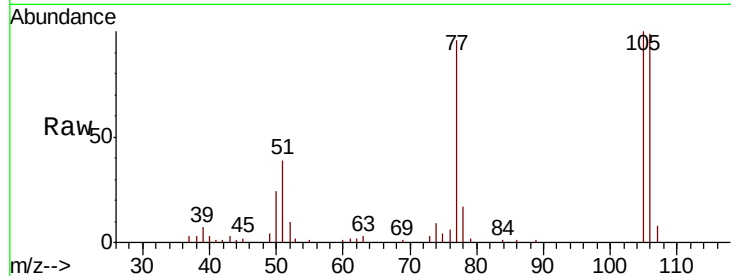
ClientSampleID :

STOCK-PILE-1MS

Tot Ion:	77	Resp:	49607
Ion	Ratio	Lower	Upper
77	100		
105	104.0	84.5	124.5
106	103.5	79.2	119.2

Manual Integrations
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#10

Phenol

Concen: 34.928 ng

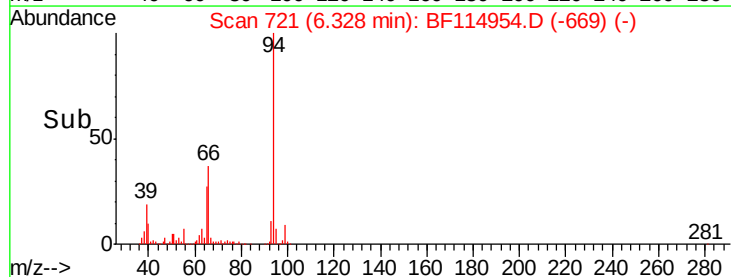
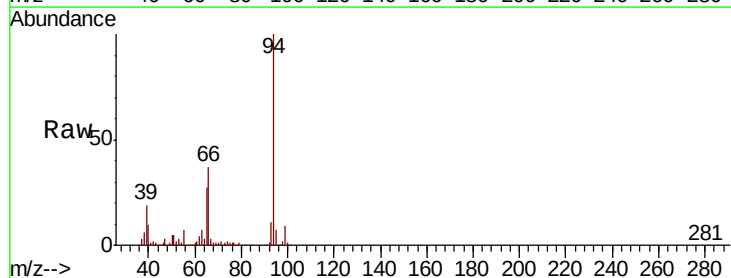
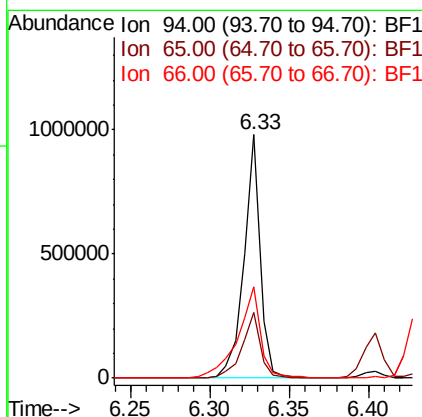
RT: 6.33 min Scan# 721

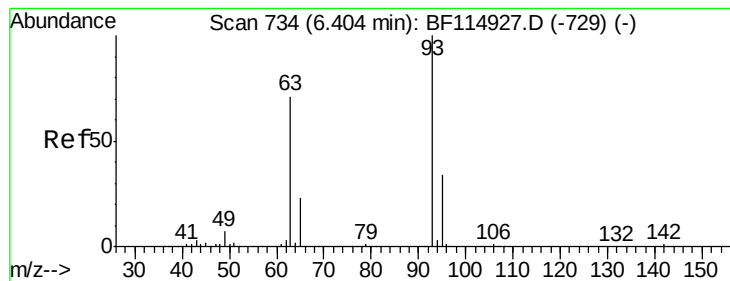
Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:	94	Resp:	697991
Ion	Ratio	Lower	Upper
94	100		
65	27.2	19.6	59.6
66	37.3	42.6	82.6#





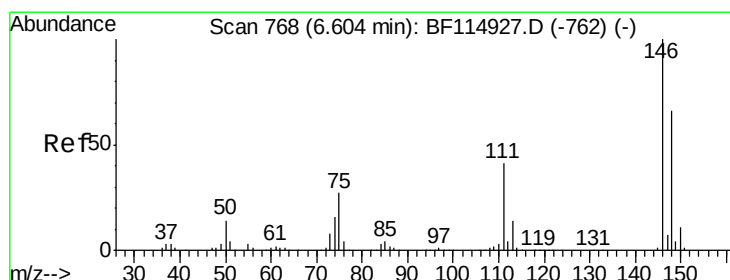
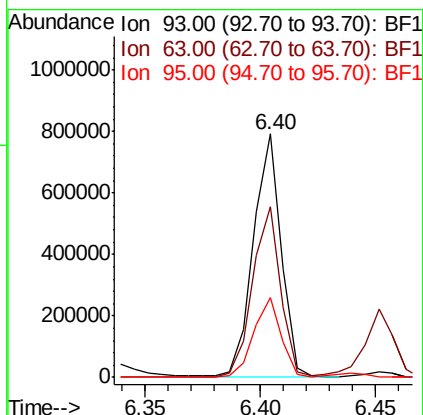
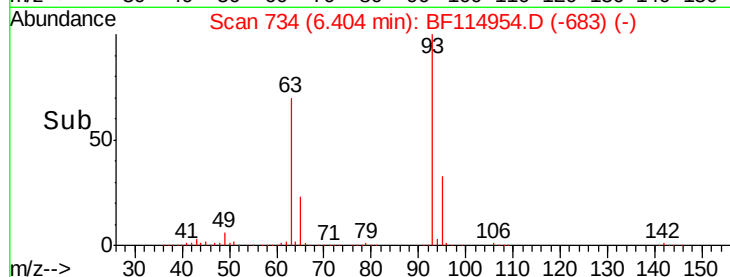
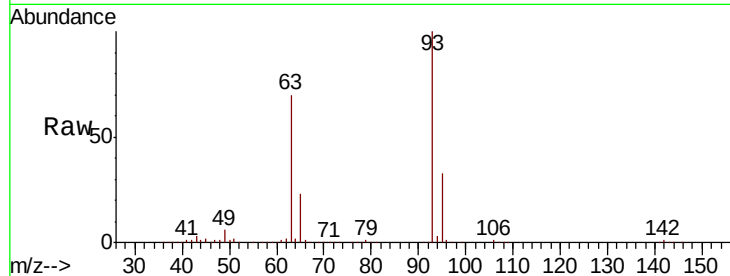
#11
bis(2-Chloroethyl)ether
Concen: 41.691 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	50.5	90.5
95	32.8	13.6	53.6

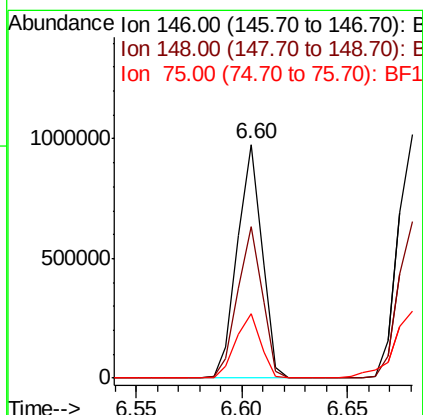
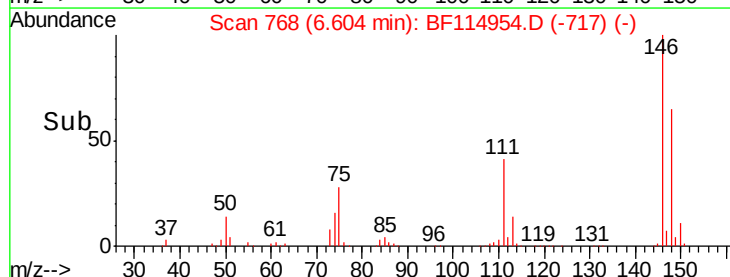
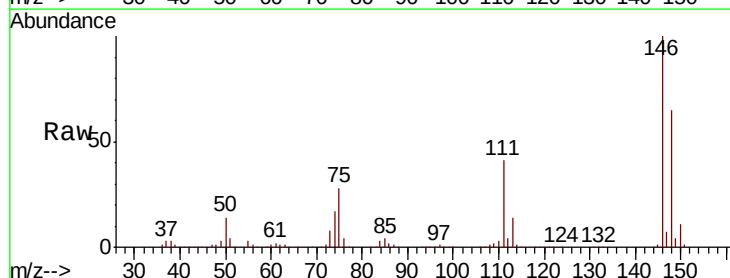
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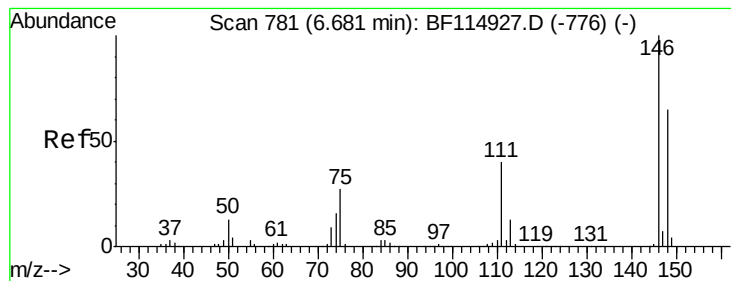
mohammad
6/12/2019 9:09:00 AM



#12
1,3-Dichlorobenzene
Concen: 40.150 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.6	78.8
75	27.6	21.9	32.9





#13

1,4-Dichlorobenzene

Concen: 41.060 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:146 Resp: 810319

Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

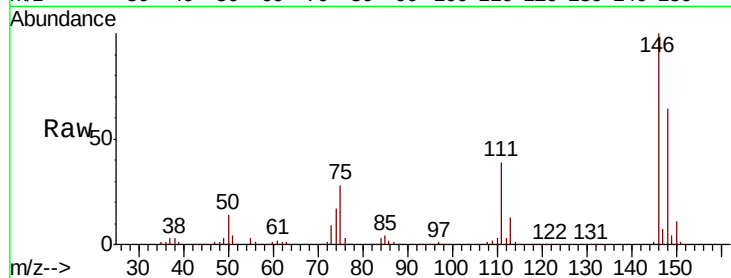
111 39.2 31.8 47.8

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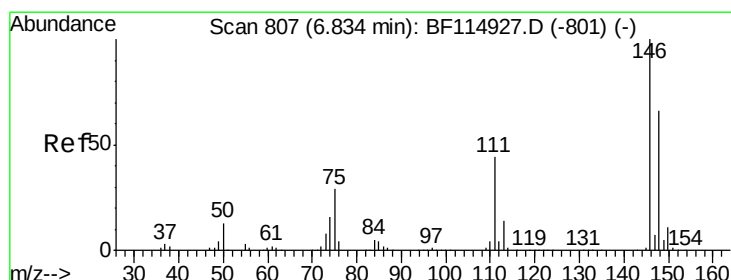
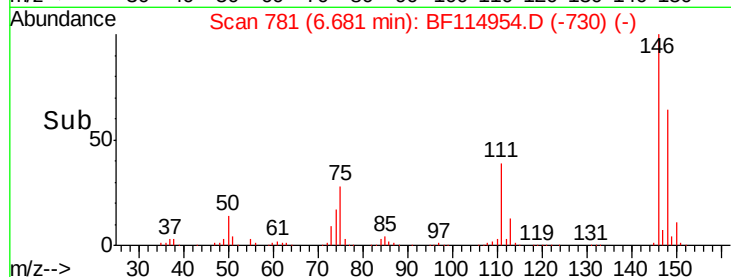
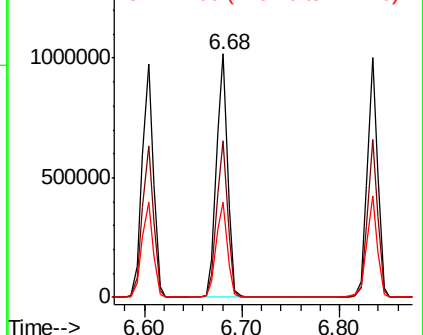
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.532 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

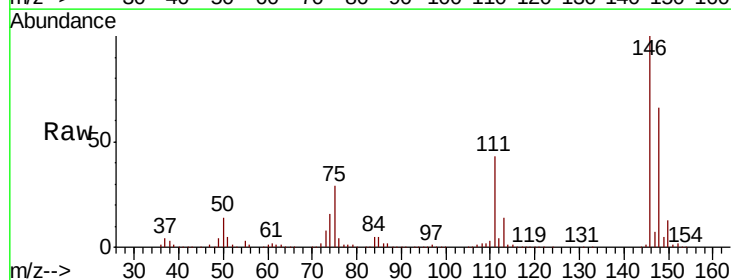
Tgt Ion:146 Resp: 743950

Ion Ratio Lower Upper

146 100

148 65.7 52.7 79.1

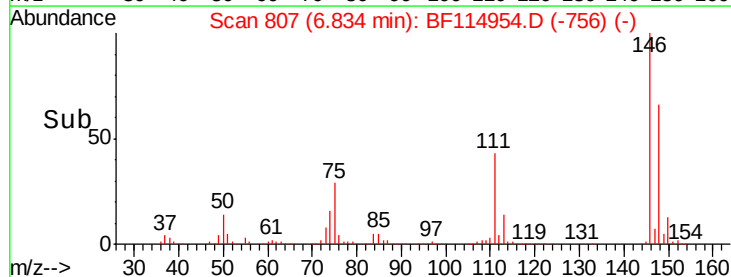
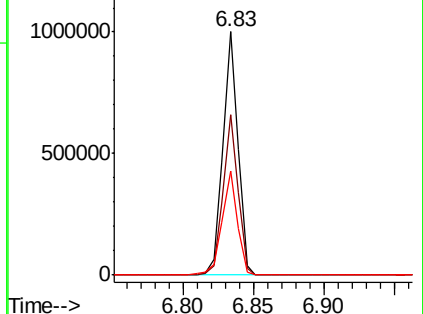
111 42.5 35.4 53.2

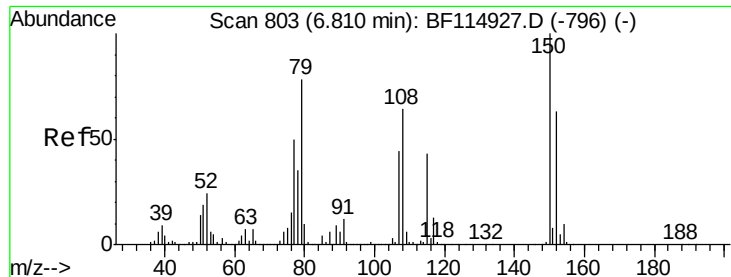


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.196 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

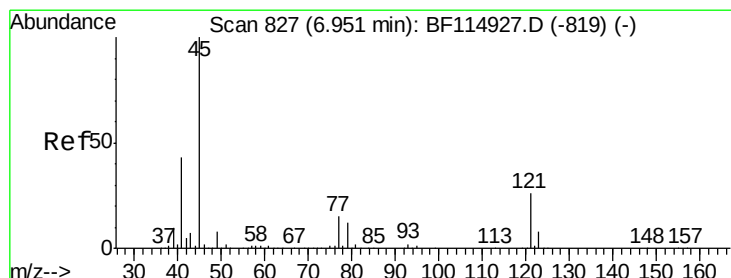
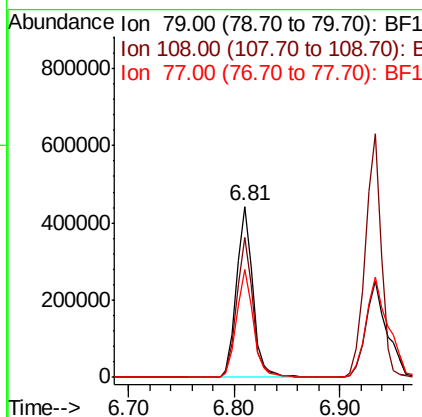
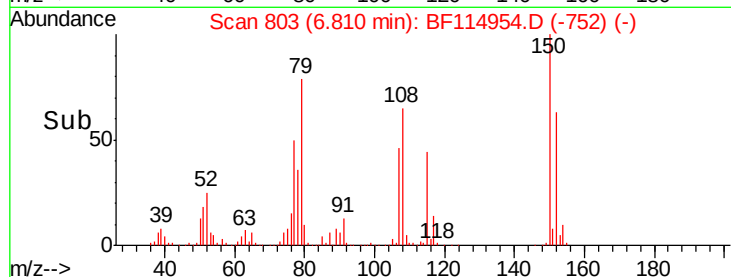
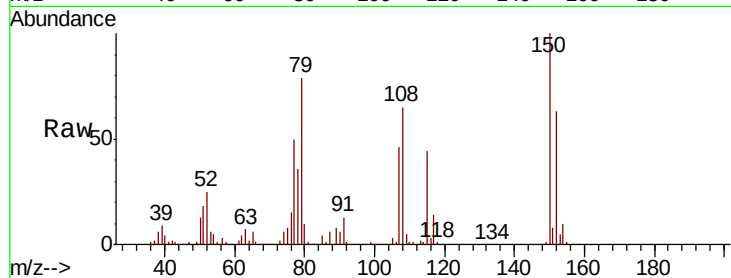
ClientSampleId :

STOCK-PILE-1MS

Tot Ion:	79	Resp:	468074
Ion	Ratio	Lower	Upper
79	100		
108	81.9	65.5	98.3
77	63.5	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.093 ng

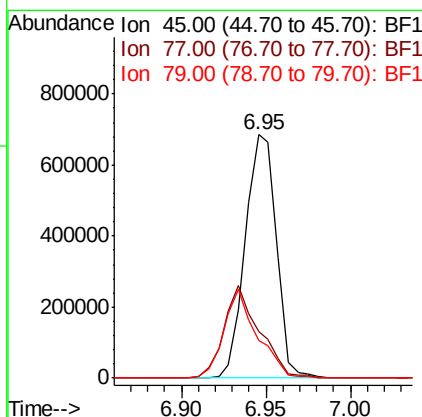
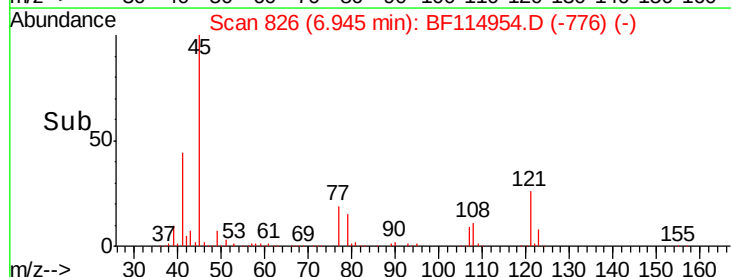
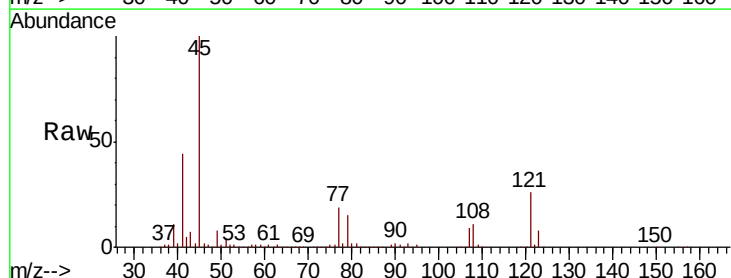
RT: 6.95 min Scan# 826

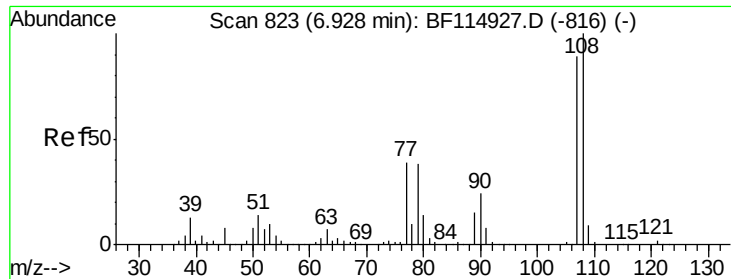
Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:	45	Resp:	878194
Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	36.2
79	15.2	0.0	32.7





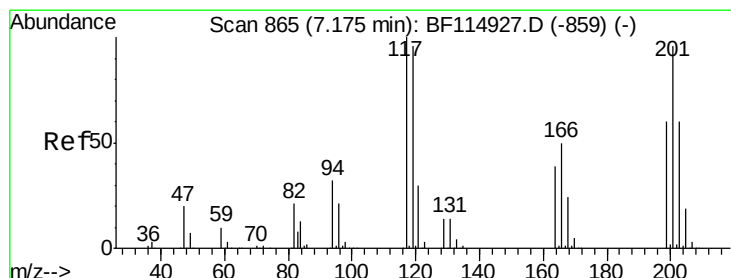
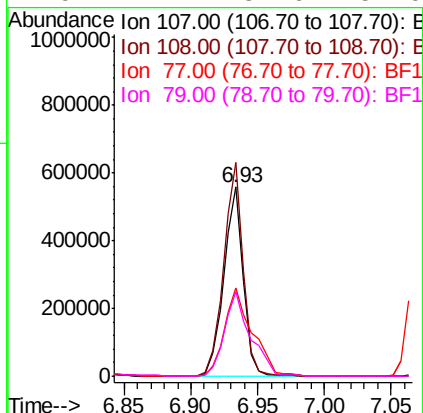
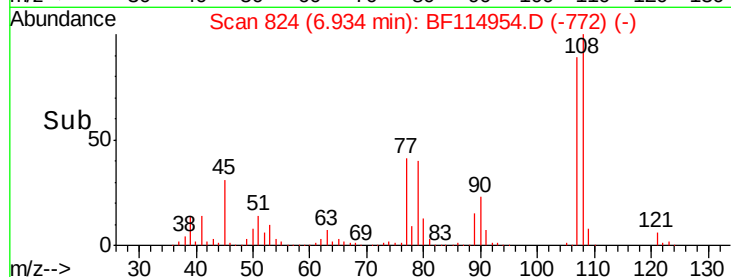
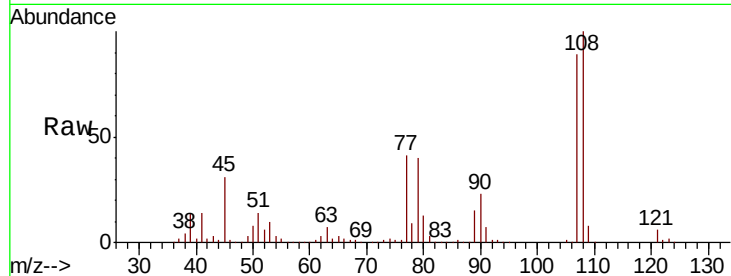
#17
2-Methylphenol
Concen: 40.567 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion:	107	Resp:	575988
Ion Ratio	Lower	Upper	
107	100		
108	112.9	90.2	135.2
77	46.7	35.4	53.0
79	44.7	34.6	52.0

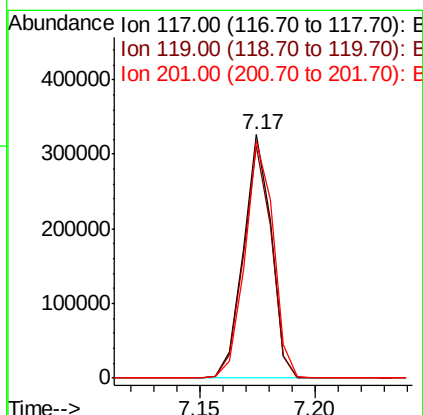
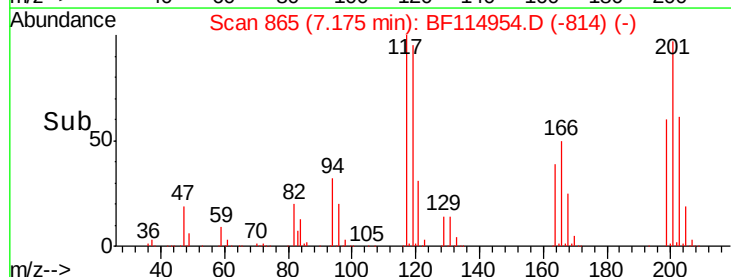
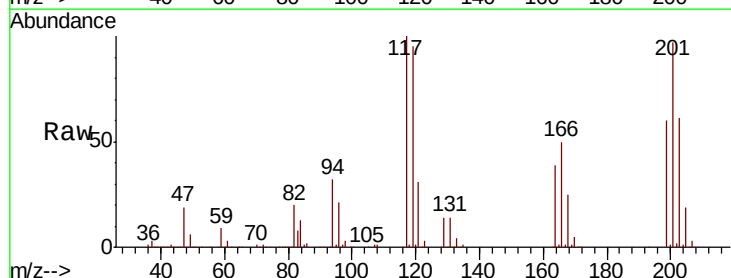
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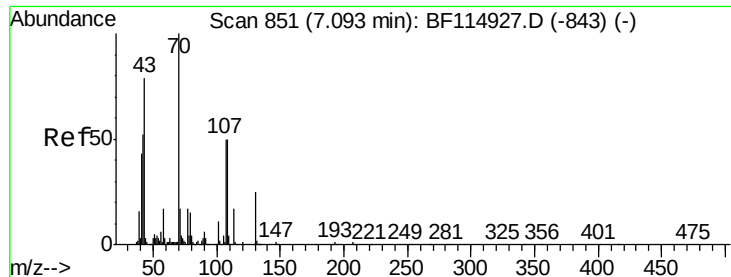
mohammad
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#18
Hexachloroethane
Concen: 37.734 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:	117	Resp:	274435
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.6	114.8
201	97.3	77.0	115.6





#19

n-Nitroso-di-n-propylamine

Concen: 41.173 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

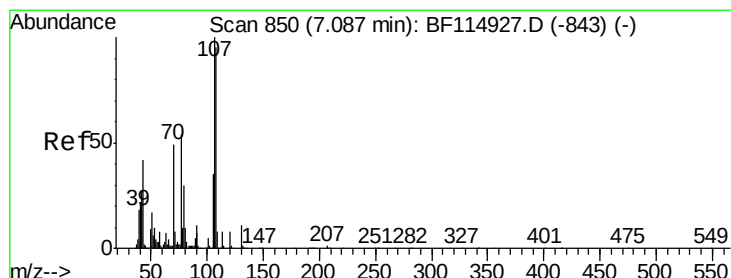
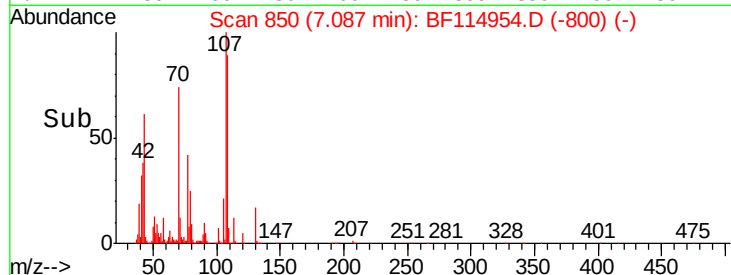
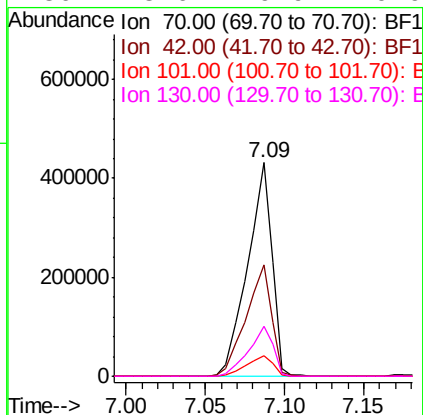
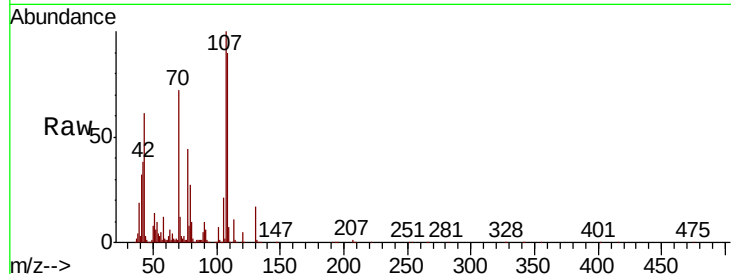
ClientSampleId :

STOCK-PILE-1MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	41.7	62.5	
101	9.9	8.4	12.6	
130	23.6	19.9	29.9	

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#20

3+4-Methylphenols

Concen: 43.767 ng

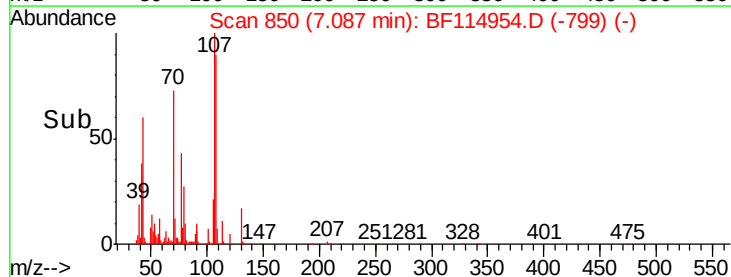
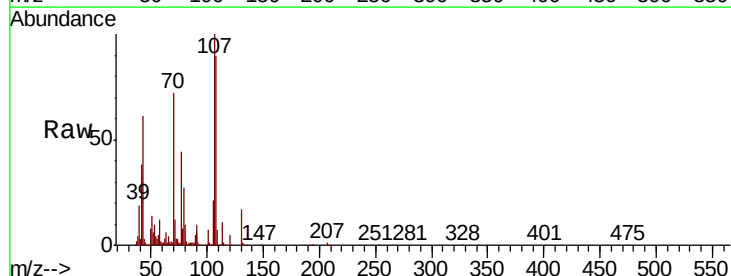
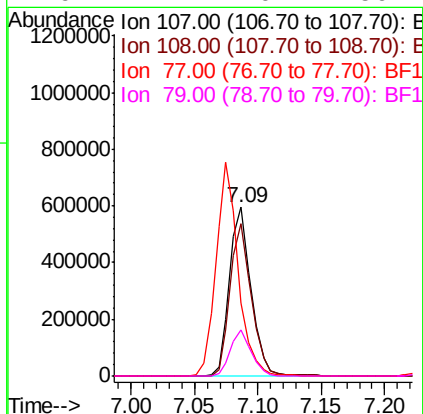
RT: 7.09 min Scan# 850

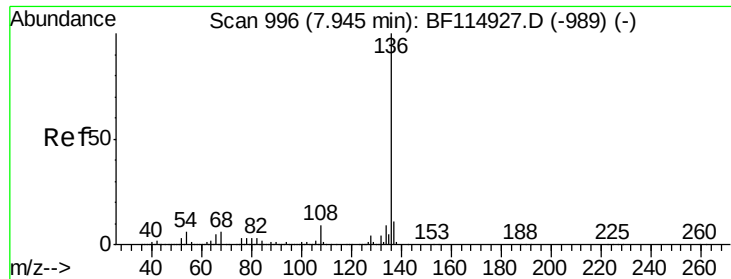
Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	74.7	114.7	
77	43.5	33.7	73.7	
79	27.4	10.2	50.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

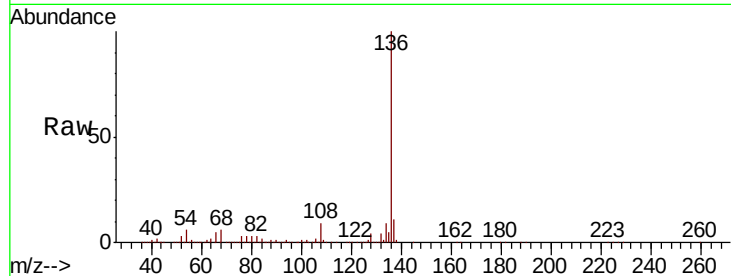
ClientSampleId :

STOCK-PILE-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		975147		
137	10.9		9.0	13.6	
54	6.3		5.2	7.8	
68	5.6		4.6	7.0	

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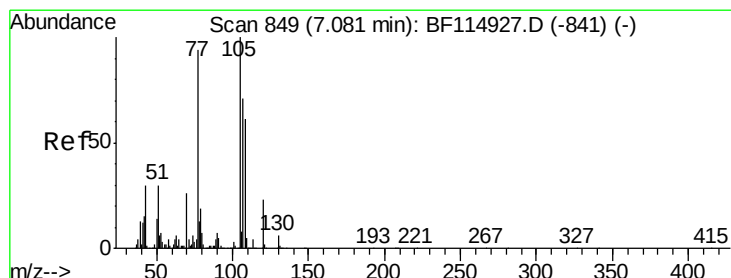
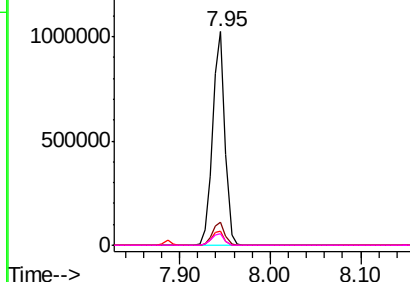
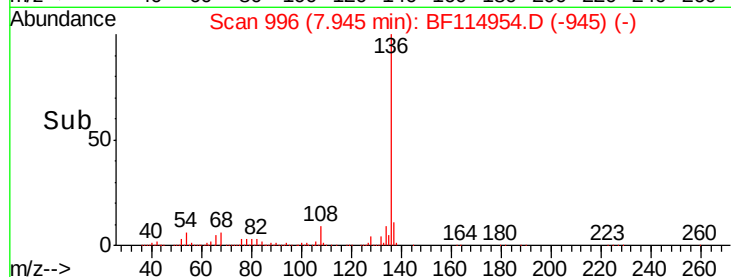
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.280 ng

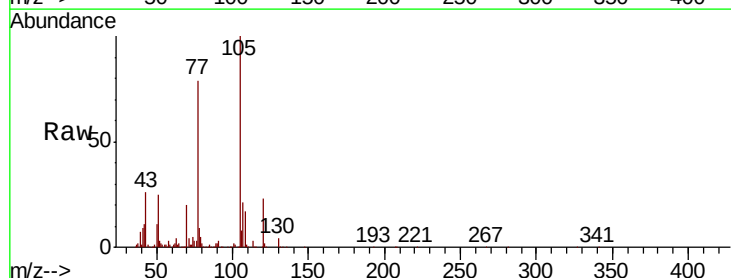
RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		988372		
71	3.6		3.4	5.2	
51	25.5		24.0	36.0	
120	23.4		18.8	28.2	



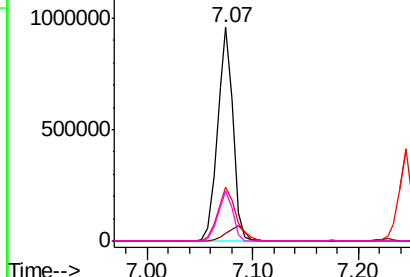
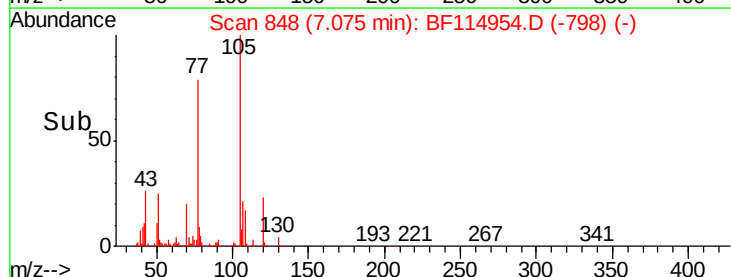
Abundance

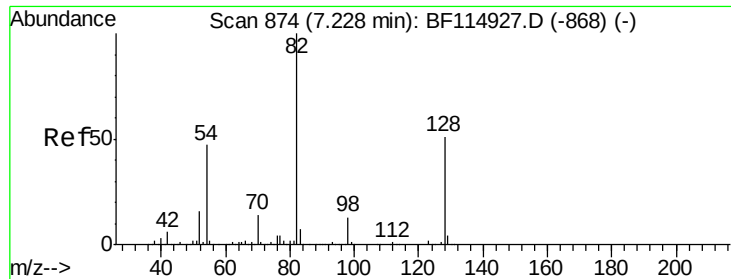
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





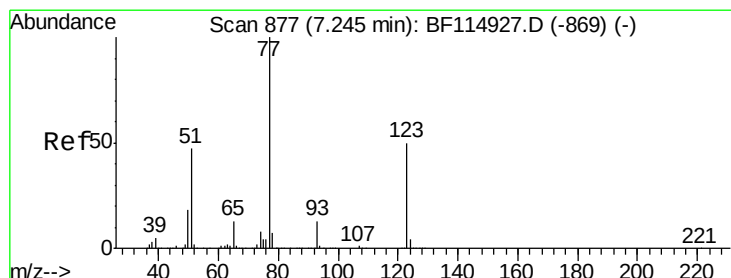
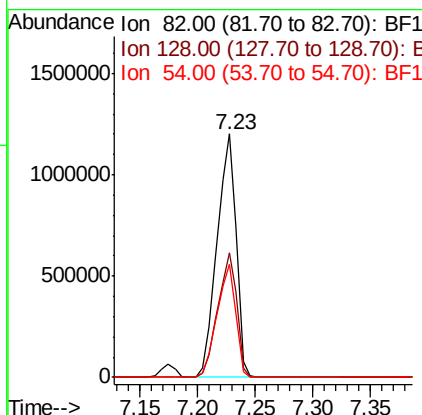
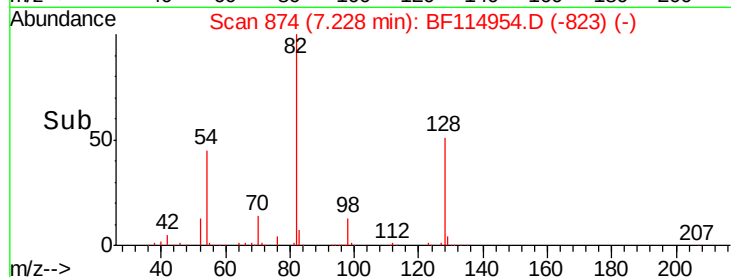
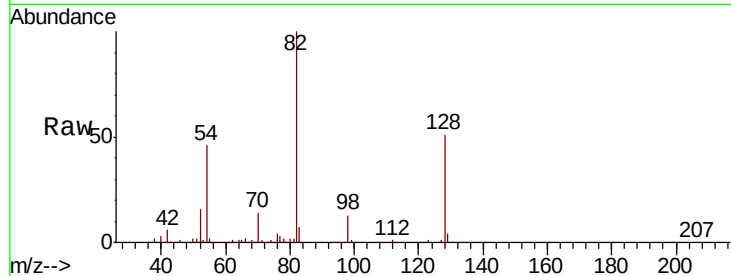
#23
 Nitrobenzene-d5
 Concen: 87.026 ng
 RT: 7.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	82	Resp	1381187
Ion Ratio	100	Lower	Upper
82	100		
128	51.4	40.9	61.3
54	46.2	37.4	56.0

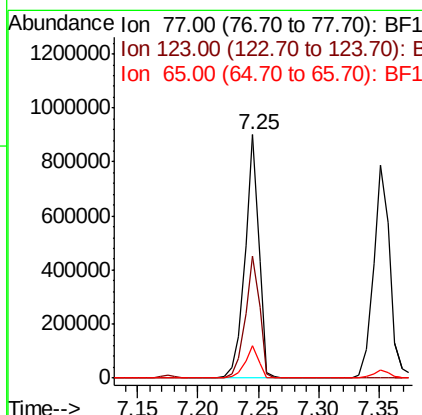
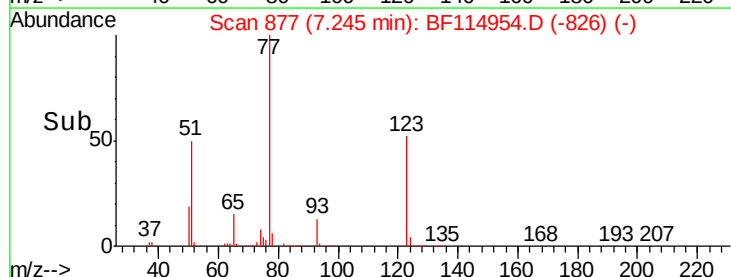
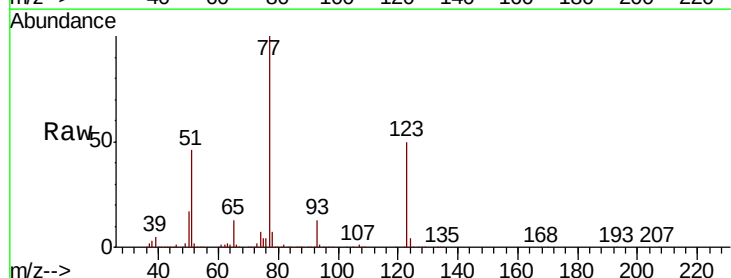
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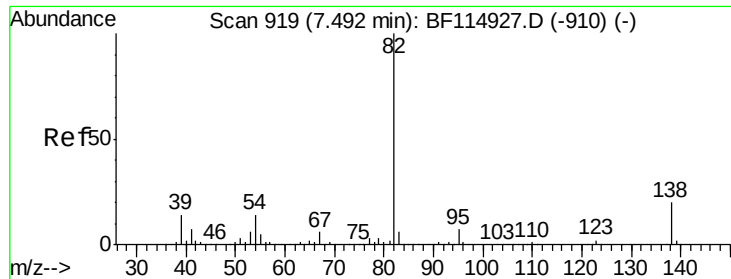
mohammad
 6/12/2019 9:09:00 AM



#24
 Nitrobenzene
 Concen: 44.064 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	77	Resp	727504
Ion Ratio	100	Lower	Upper
77	100		
123	50.4	39.8	59.6
65	13.3	10.7	16.1





#25

Isophorone

Concen: 42.242 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion: 82 Resp: 1312835

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

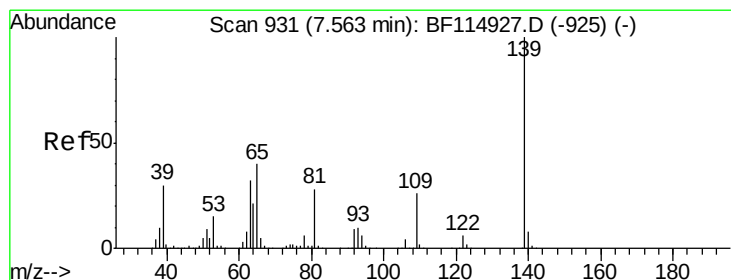
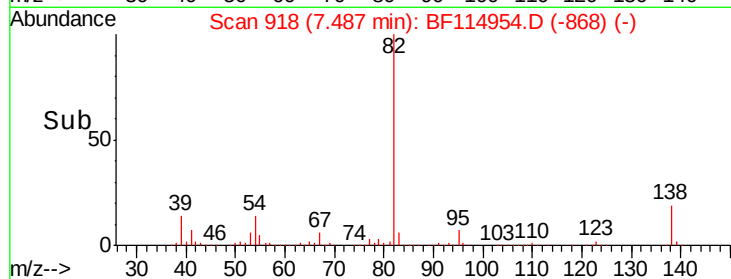
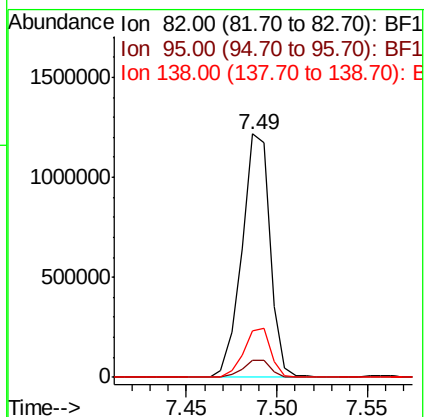
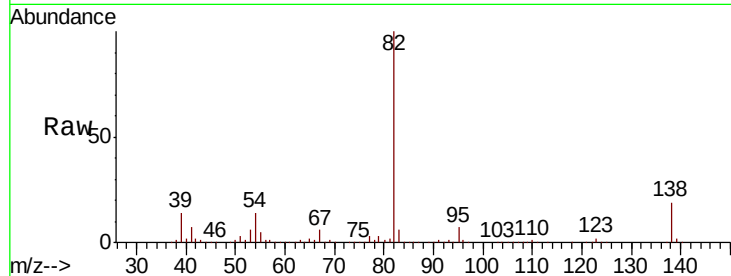
138 19.1 16.4 24.6

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.111 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

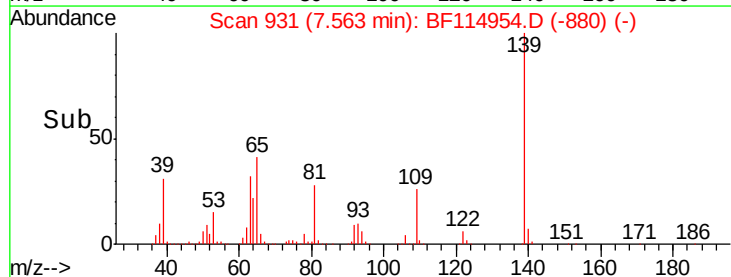
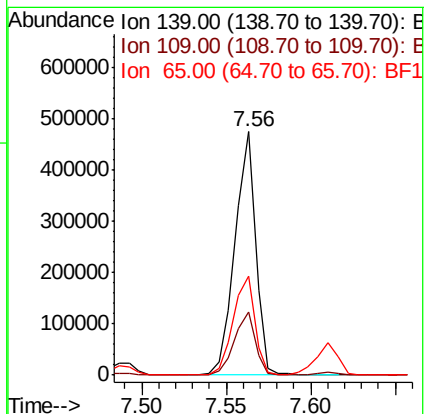
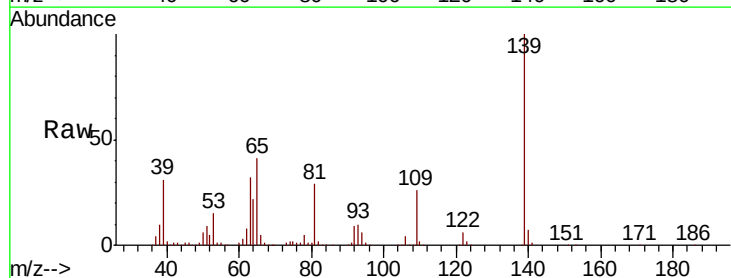
Tgt Ion: 139 Resp: 404607

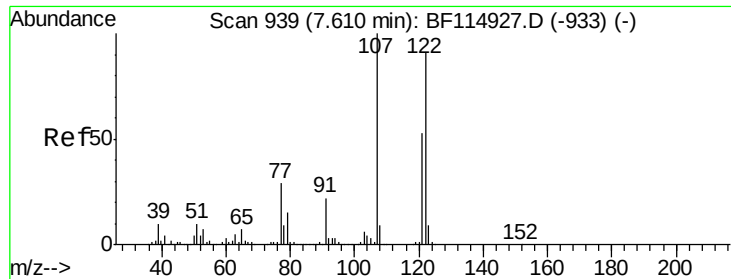
Ion Ratio Lower Upper

139 100

109 25.7 20.6 30.8

65 40.7 32.2 48.2





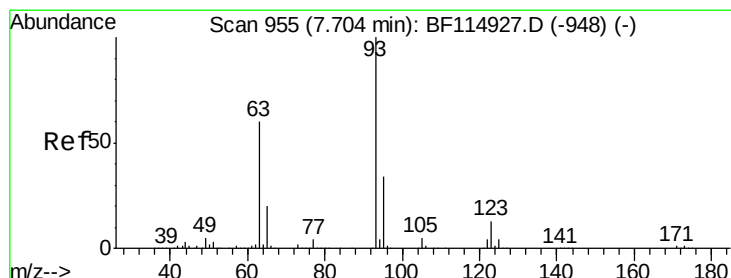
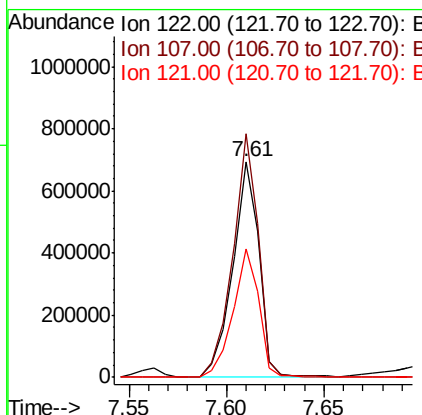
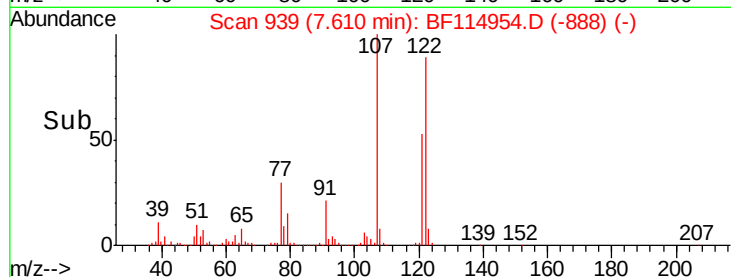
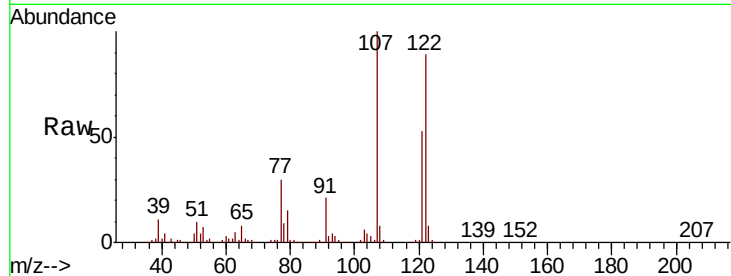
#27
2,4-Dimethylphenol
Concen: 48.319 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	648553		
107	112.8		88.0	132.0
121	59.5		47.0	70.6

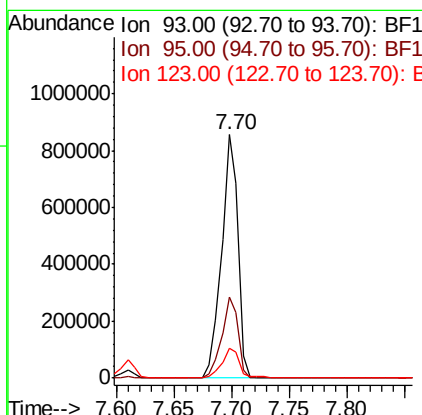
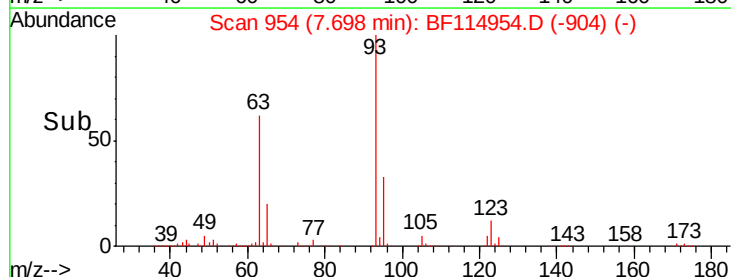
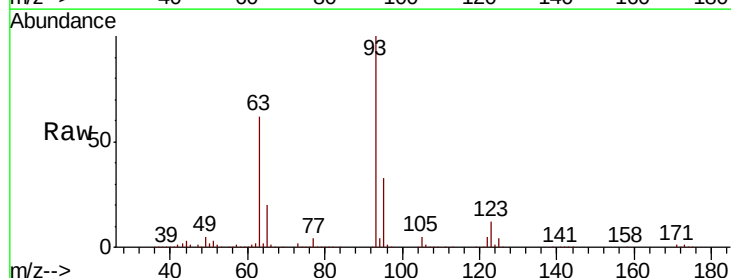
Manual Integrations
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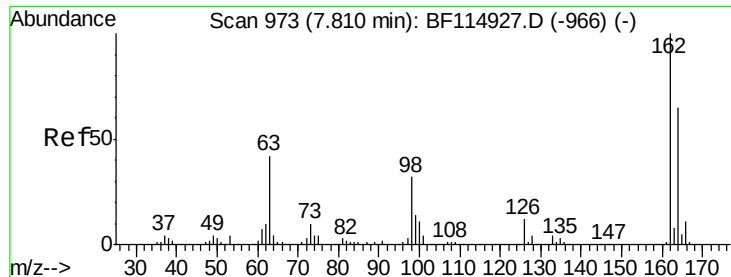
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.355 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	842081		
95	33.1		27.0	40.4
123	12.3		10.3	15.5





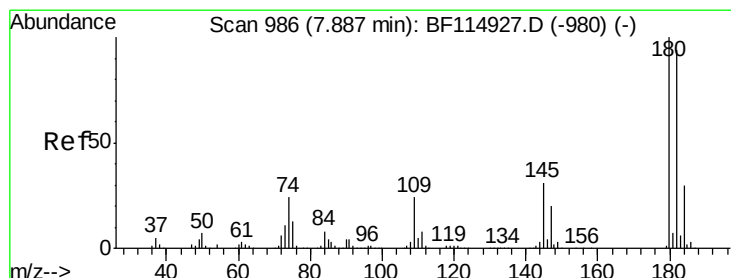
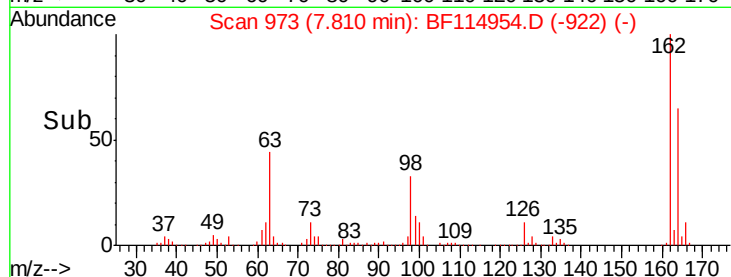
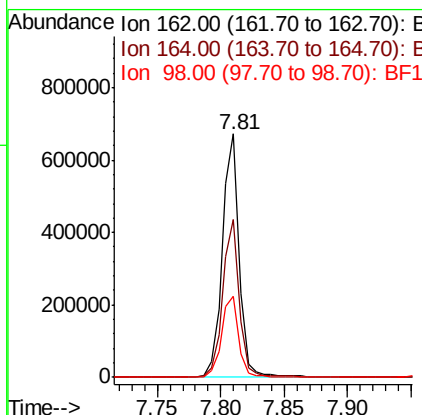
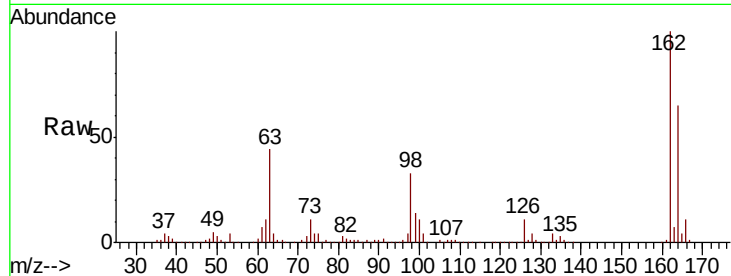
#29
 2,4-Dichlorophenol
 Concen: 44.470 ng
 RT: 7.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	625073		
164	64.8		45.4	85.4
98	33.4		12.5	52.5

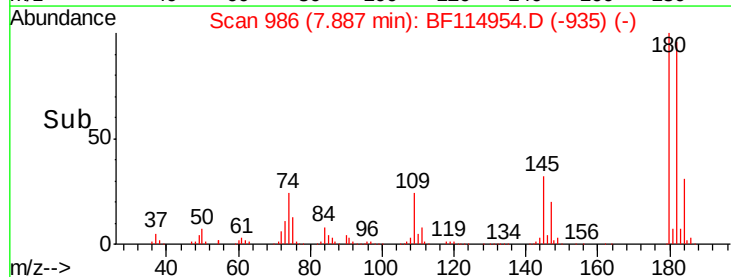
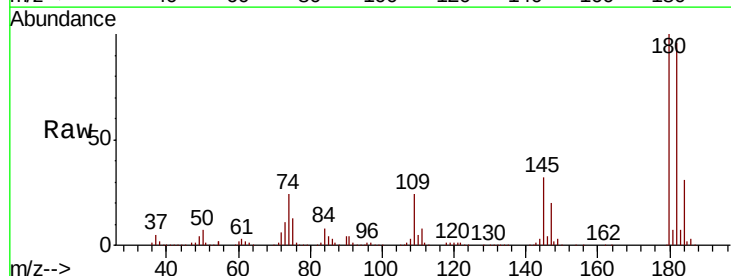
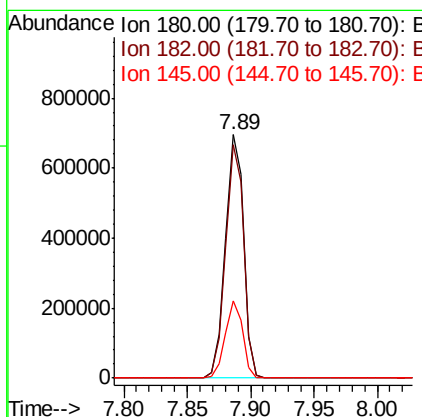
Manual Integrations
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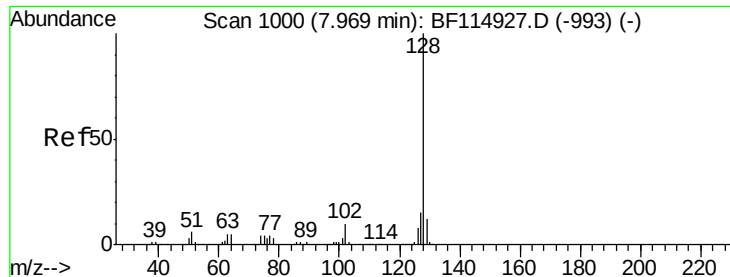
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.733 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	689337		
182	96.0		75.0	112.6
145	31.6		25.1	37.7





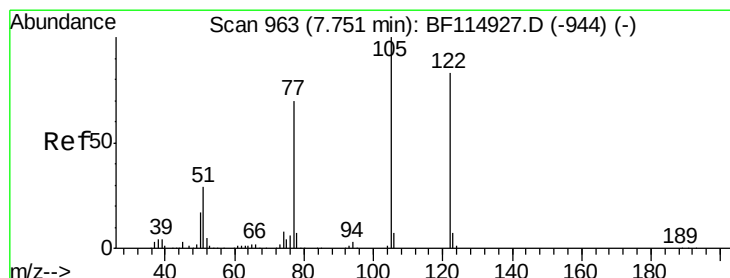
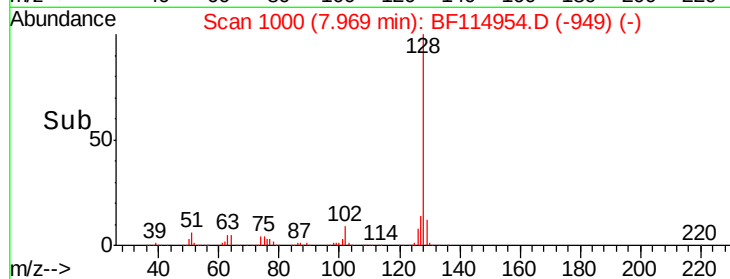
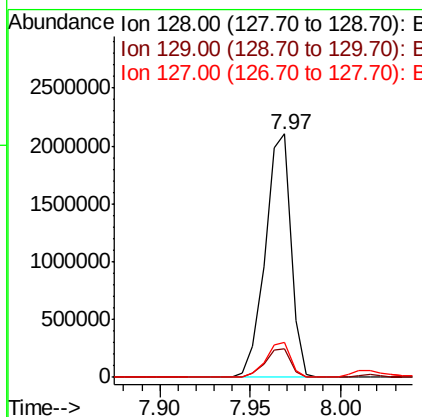
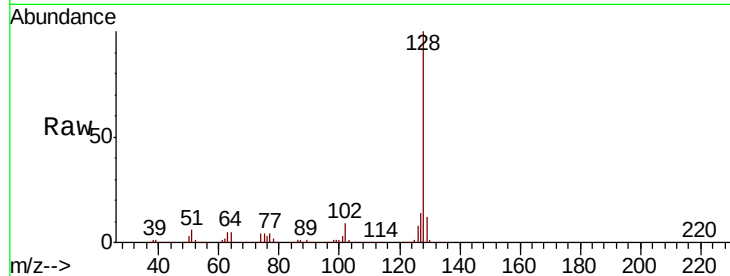
#31
Naphthalene
Concen: 46.120 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.8
127	14.1	11.8	17.6

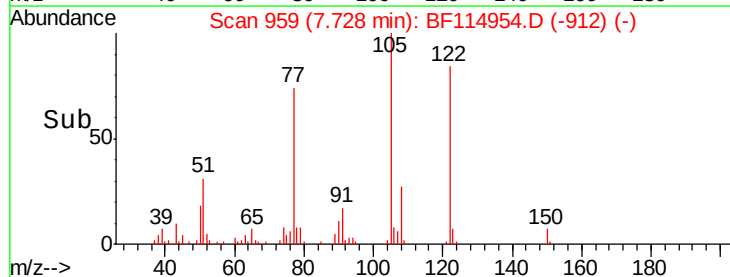
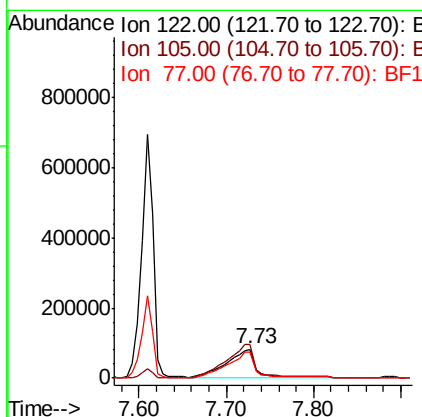
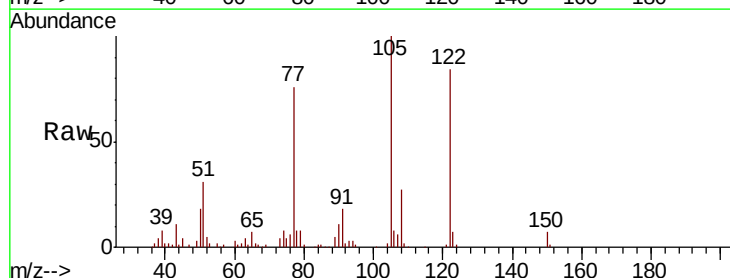
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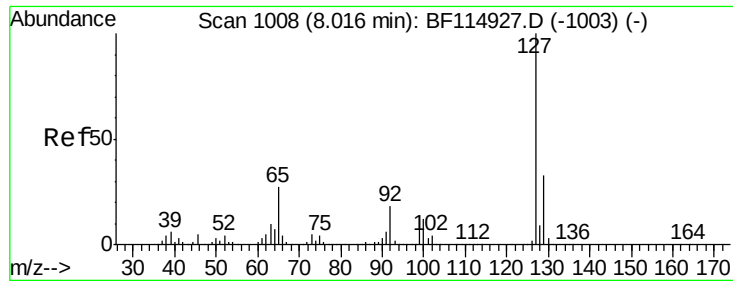
mohammad
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#32
Benzoic acid
Concen: 18.665 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	97.7	137.7
77	90.3	63.0	103.0





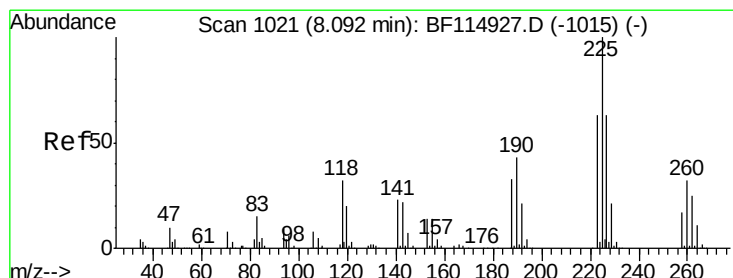
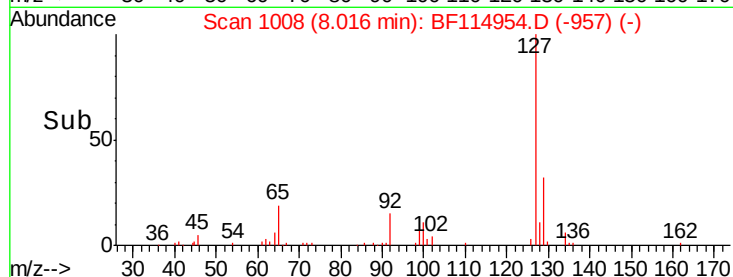
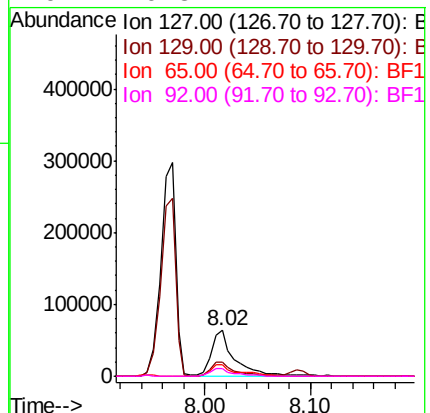
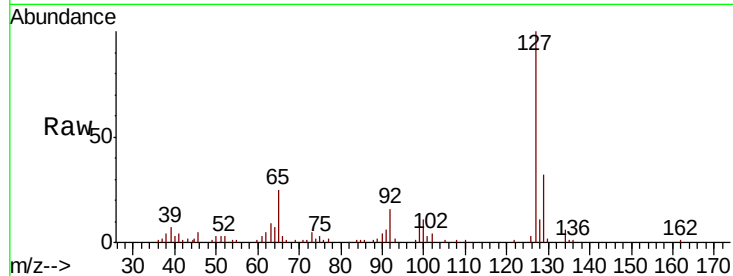
#33
4-Chloroaniline
Concen: 4.550 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		96480		
129	32.0	26.6	40.0		
65	25.4	21.5	32.3		
92	16.3	14.7	22.1		

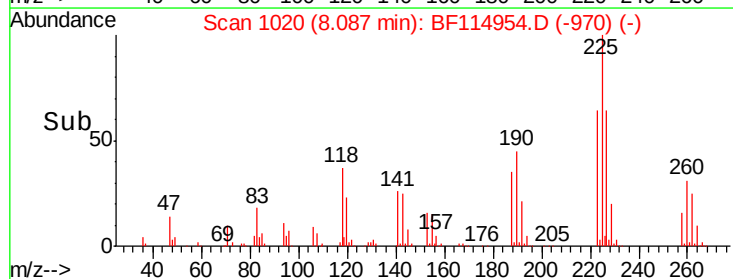
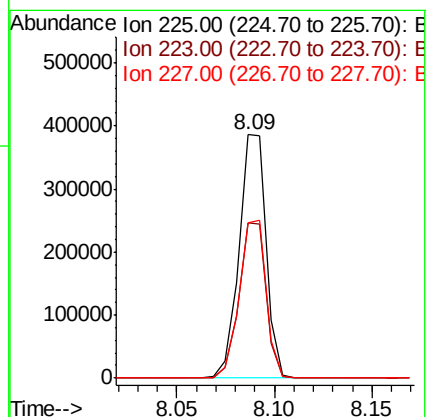
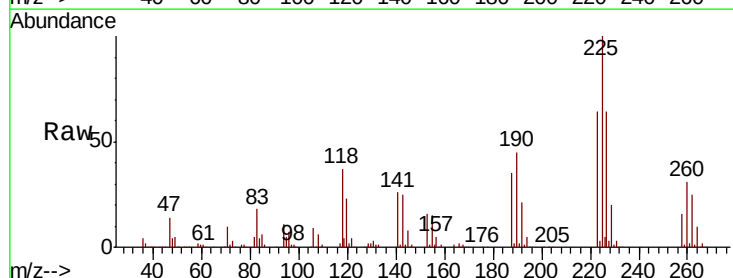
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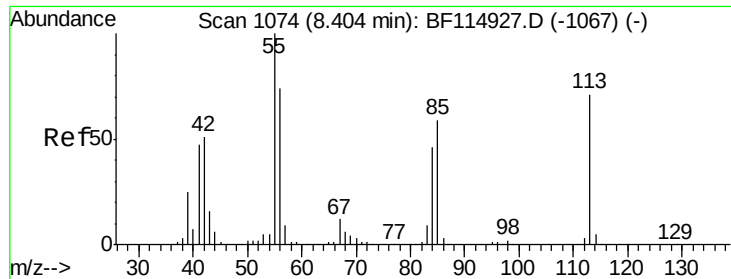
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#34
Hexachlorobutadiene
Concen: 40.988 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		370849		
223	63.7	50.6	75.8		
227	63.9	50.6	75.8		





#35

Caprolactam

Concen: 32.708 ng/mL

RT: 8.39 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleID :

STOCK-PILE-1MS

Tot Ion:113 Resp: 154869

Ion Ratio Lower Upper

113 100

55 148.6 120.9 160.9

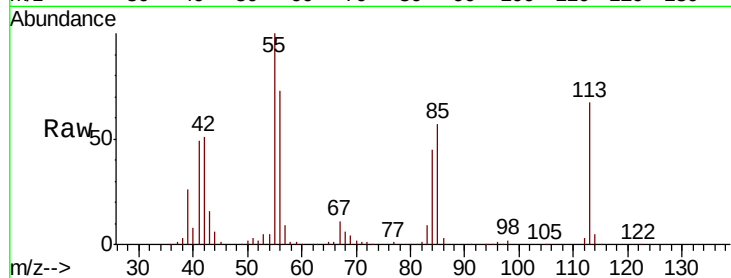
56 108.1 84.3 124.3

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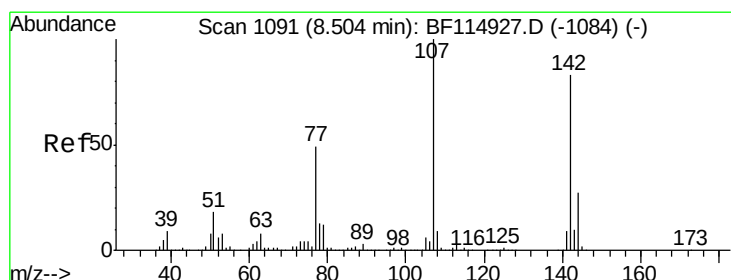
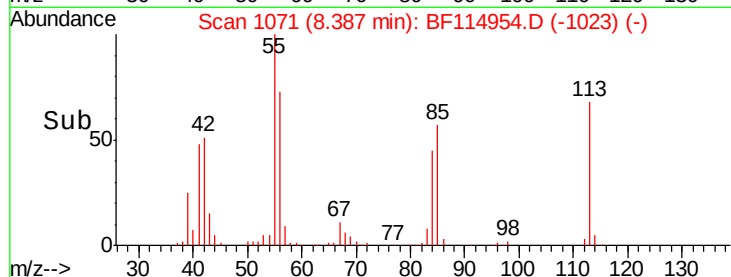
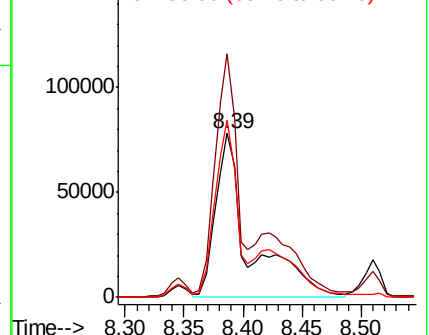


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.318 ng/mL

RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

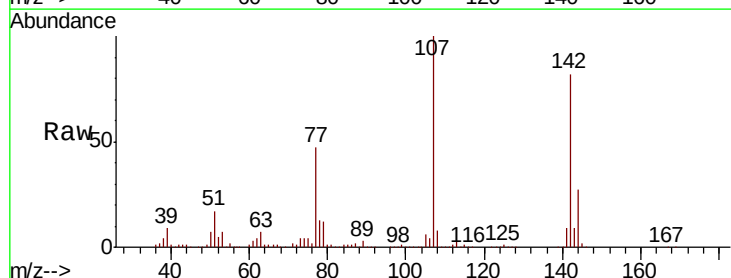
Tgt Ion:107 Resp: 632718

Ion Ratio Lower Upper

107 100

144 26.5 21.6 32.4

142 81.7 66.1 99.1

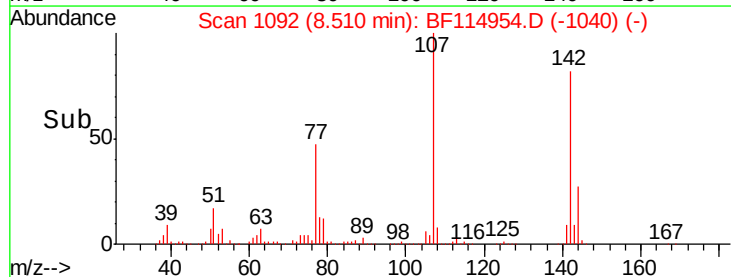
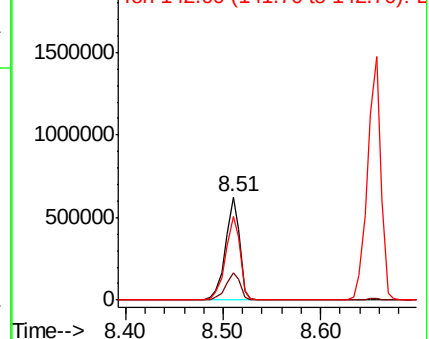


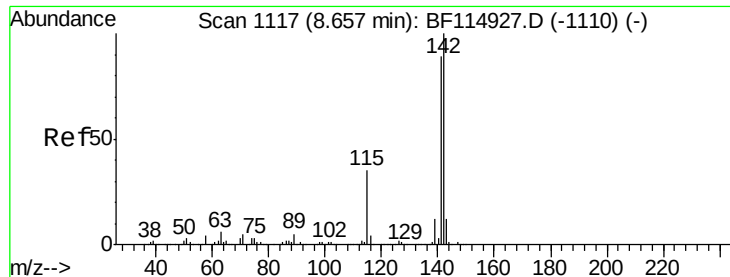
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





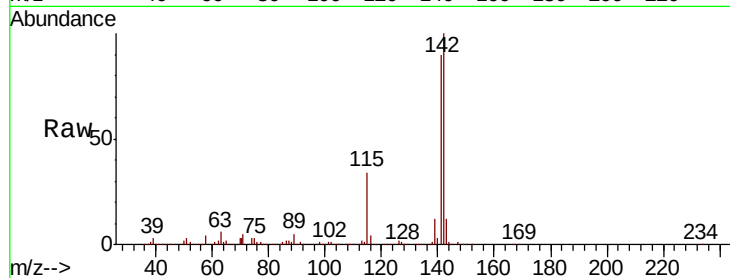
#37
2-Methylnaphthalene
Concen: 45.679 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	34.2	27.8	41.6

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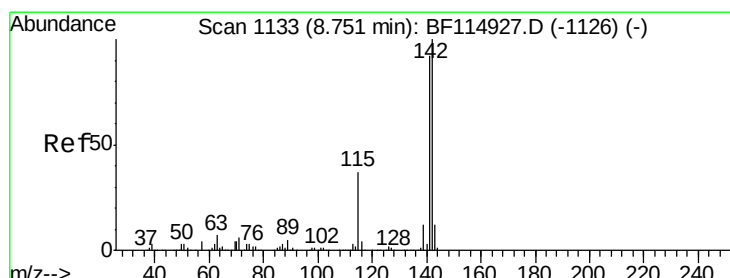
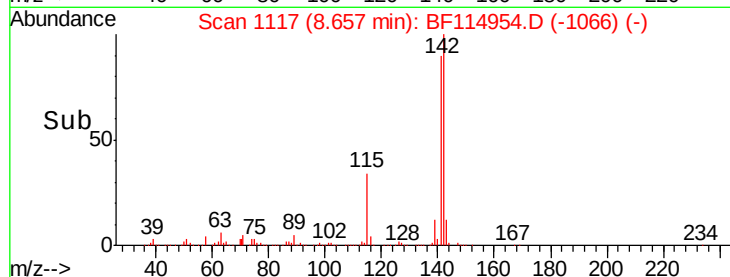
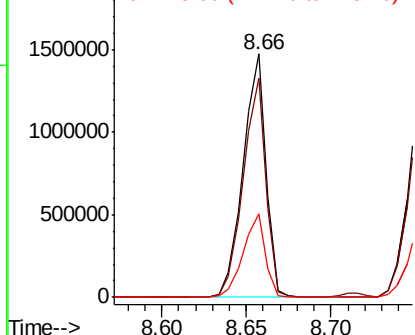


Abundance

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: 45.913 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

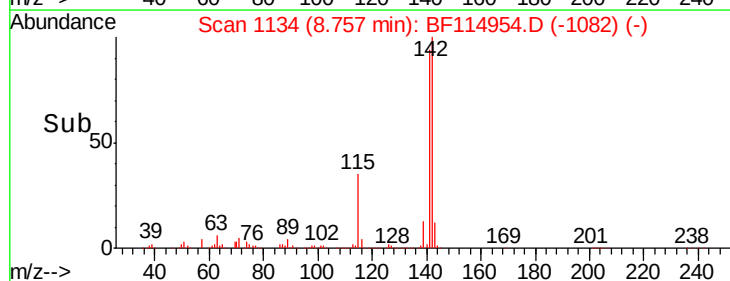
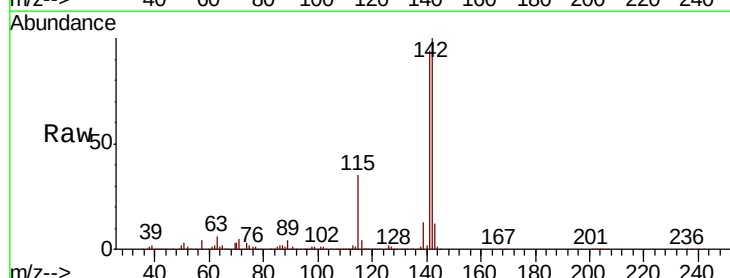
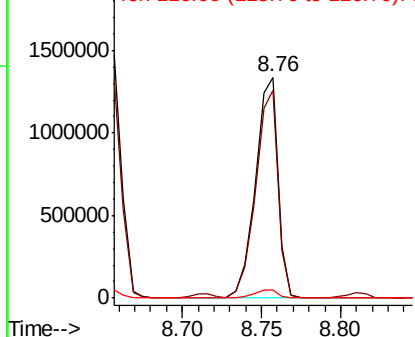
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.7	110.5
116	3.6	3.1	4.7

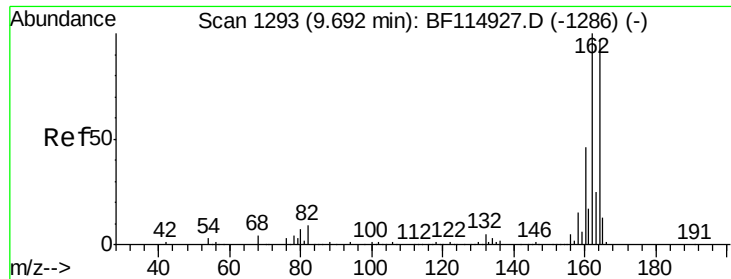
Abundance

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





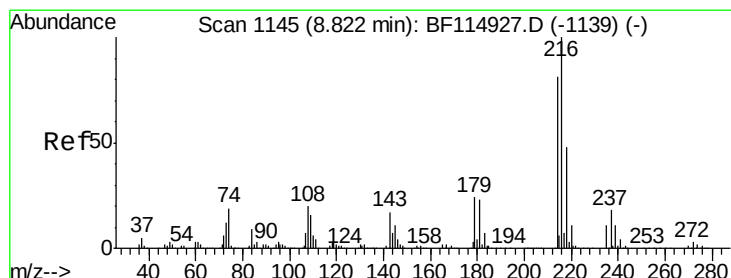
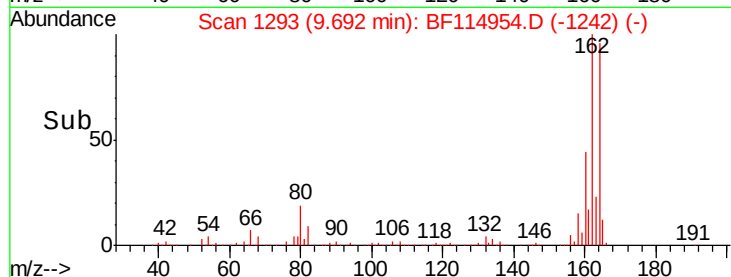
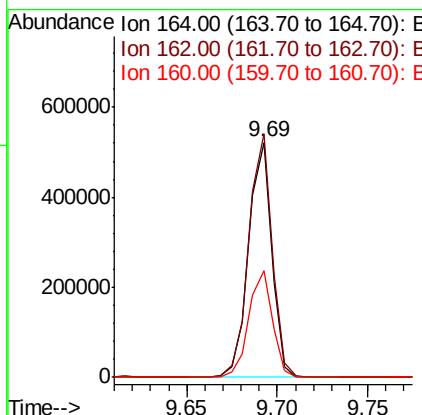
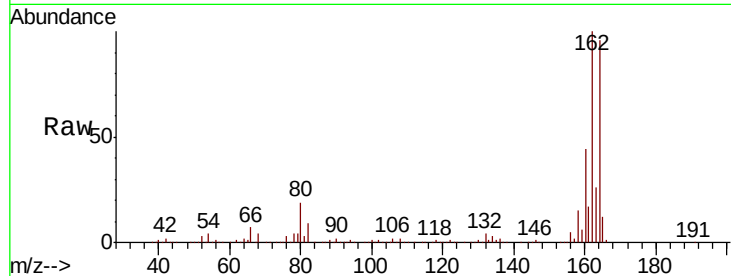
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.4	123.6
160	45.5	37.5	56.3

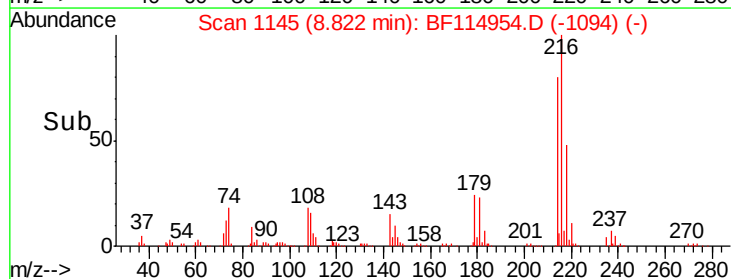
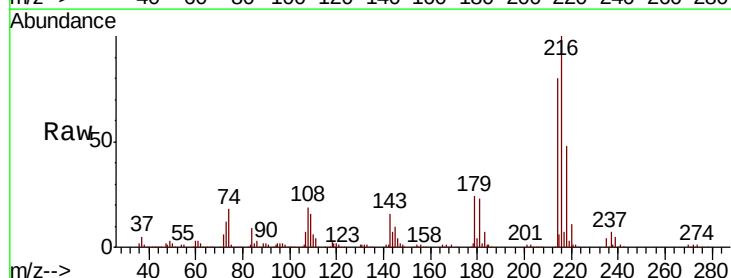
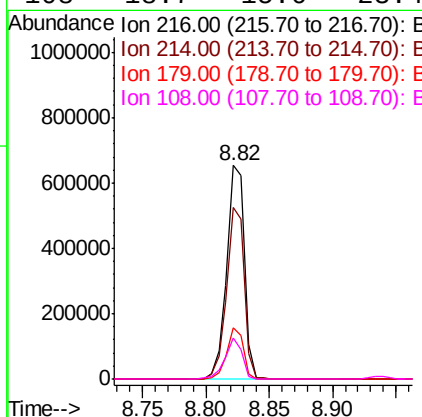
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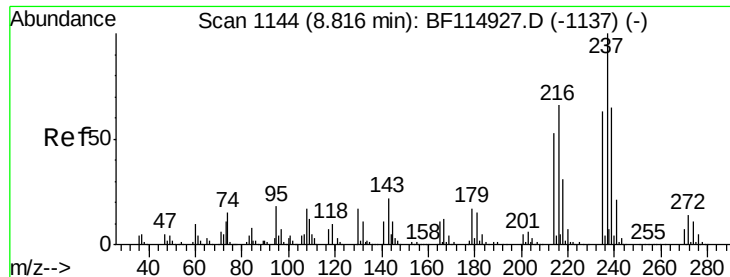
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.435 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.8	95.8
179	22.5	18.5	27.7
108	18.7	15.6	23.4





#41

Hexachlorocyclopentadiene

Concen: 33.360 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

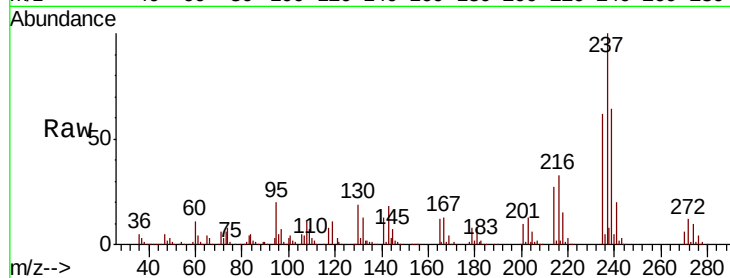
ClientSampleId :

STOCK-PILE-1MS

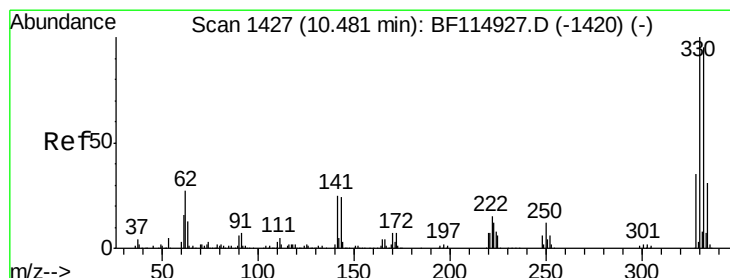
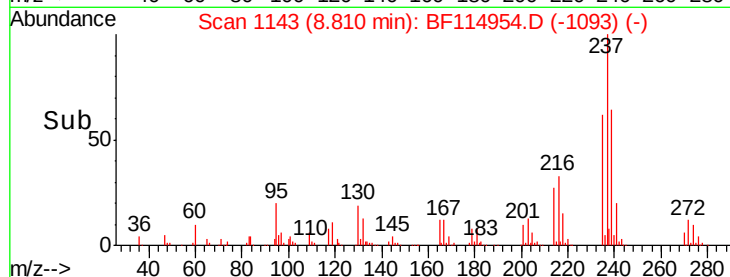
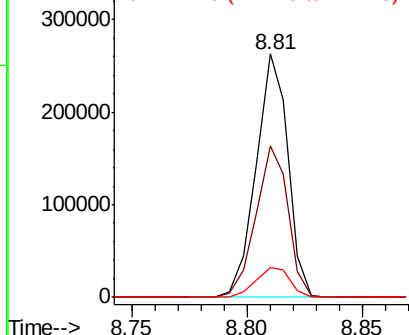
Tot Ion:	237	Resp:	252542
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.3	83.3
272	12.3	0.0	33.5

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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: 114.339 ng

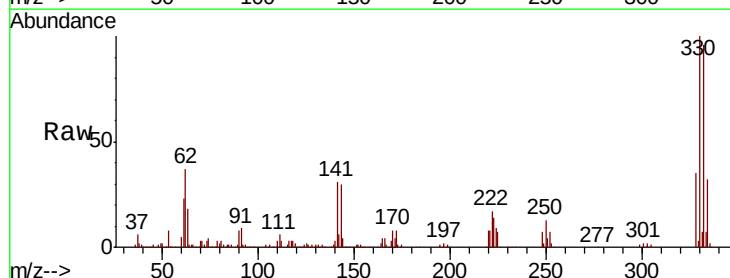
RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

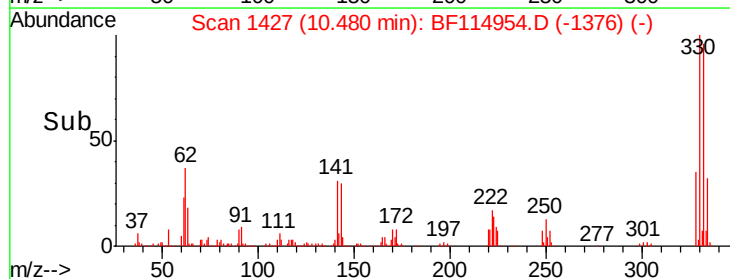
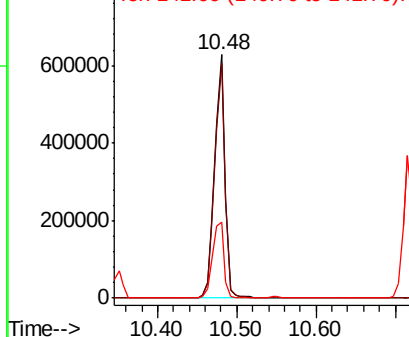
Lab File: BF114954.D

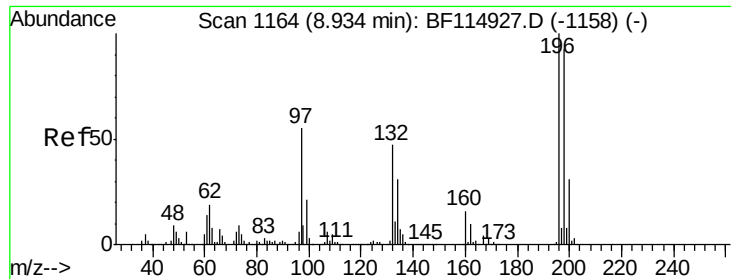
Acq: 11 Jun 2019 20:15

Tgt Ion:	330	Resp:	576134
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.4	114.6
141	34.2	26.8	40.2



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





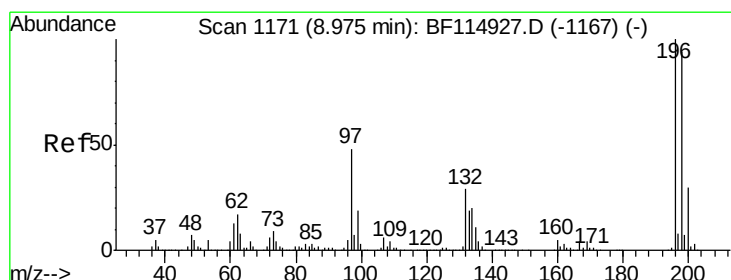
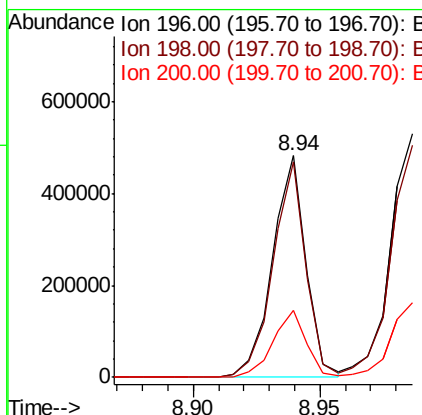
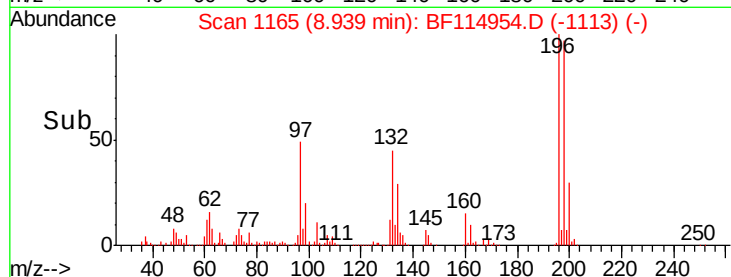
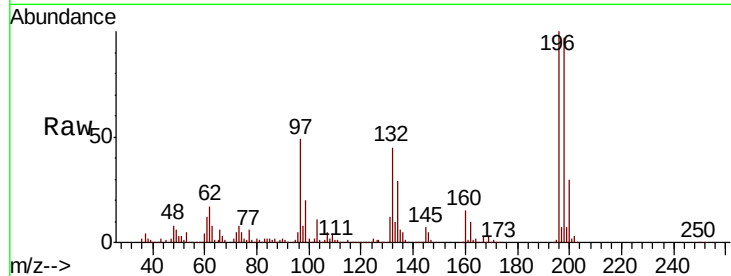
#43
 2,4,6-Trichlorophenol
 Concen: 44.172 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion:	196	Resp:	446699
Ion Ratio	Lower	Upper	
196	100		
198	97.1	74.8	112.2
200	30.4	24.5	36.7

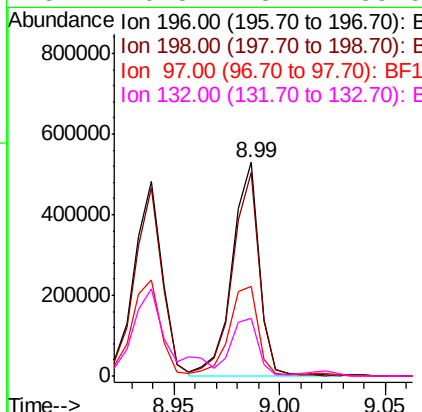
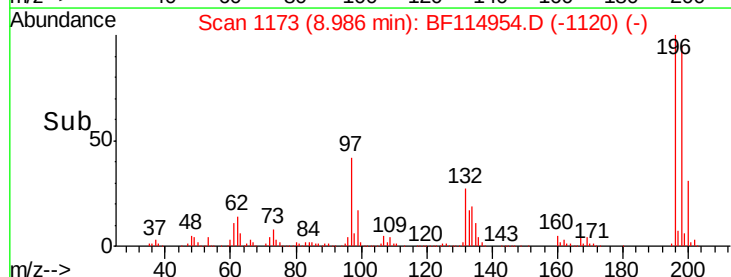
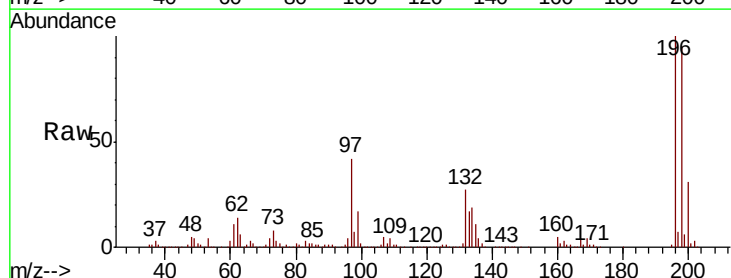
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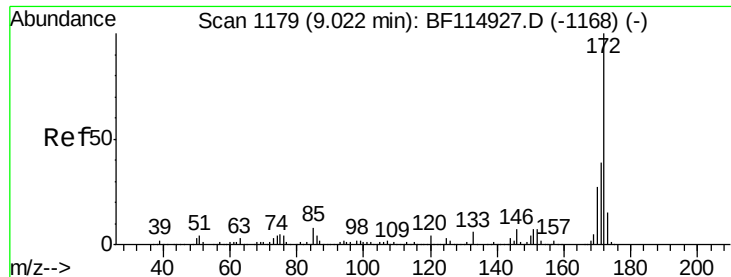
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#44
 2,4,5-Trichlorophenol
 Concen: 44.191 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:	196	Resp:	460790
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.6	113.4
97	42.0	38.6	57.8
132	26.8	23.7	35.5





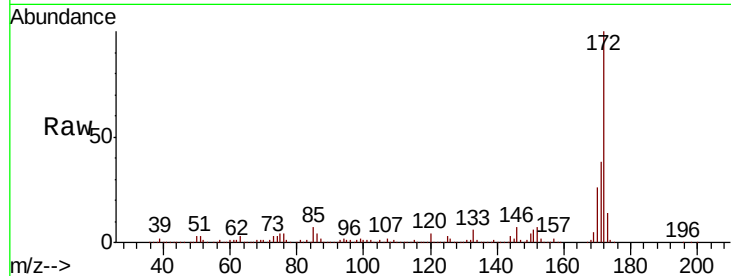
#45
2-Fluorobiphenyl
Concen: 85.802 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

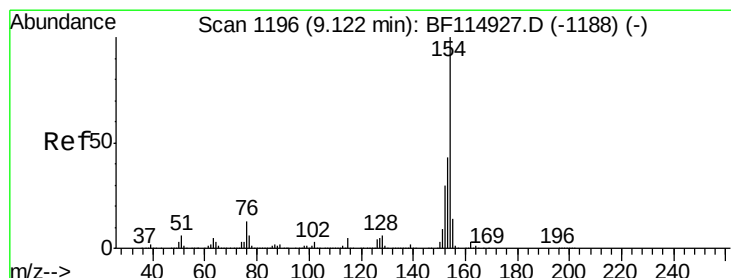
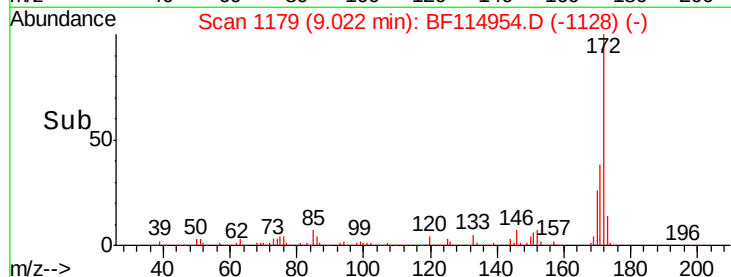
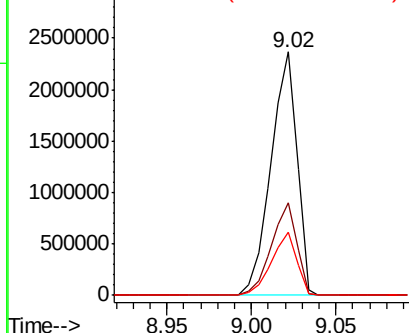
Tot Ion:172 Resp: 2504240
Ion Ratio Lower Upper
172 100
171 37.9 31.3 46.9
170 26.0 21.4 32.0

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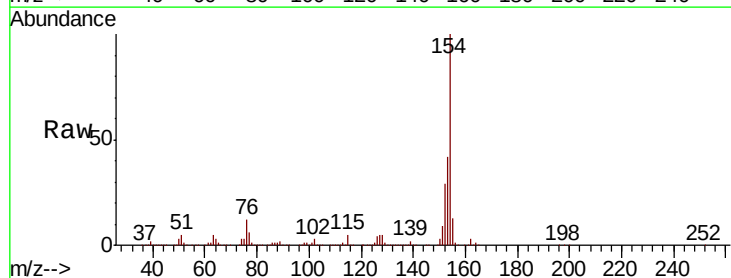


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

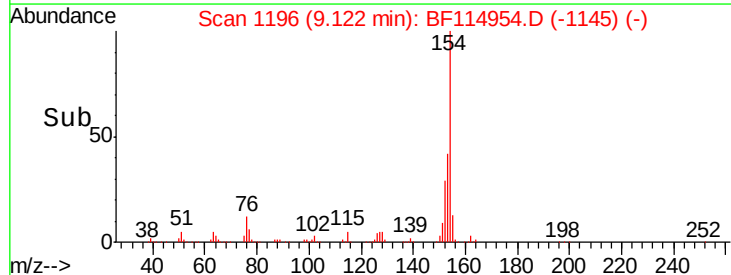
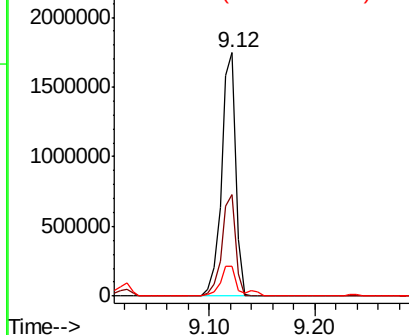


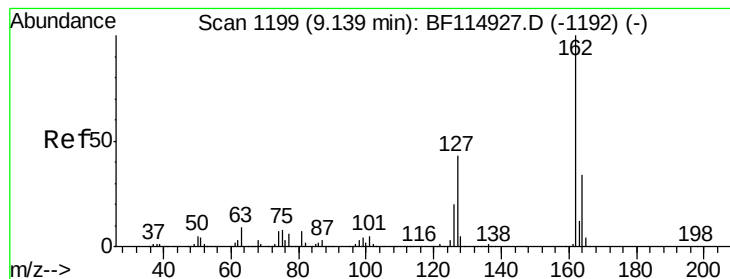
#46
1,1'-Biphenyl
Concen: 47.463 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:154 Resp: 1644791
Ion Ratio Lower Upper
154 100
153 41.8 22.8 62.8
76 12.1 0.0 33.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





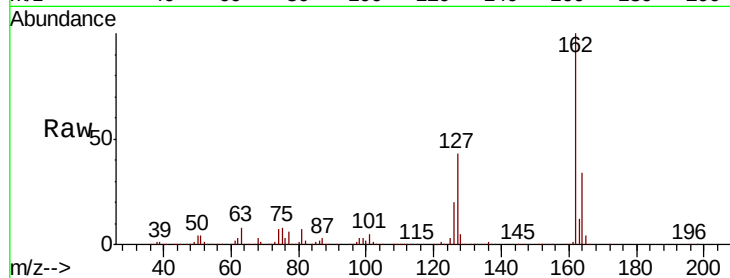
#47
 2-Chloronaphthalene
 Concen: 44.707 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

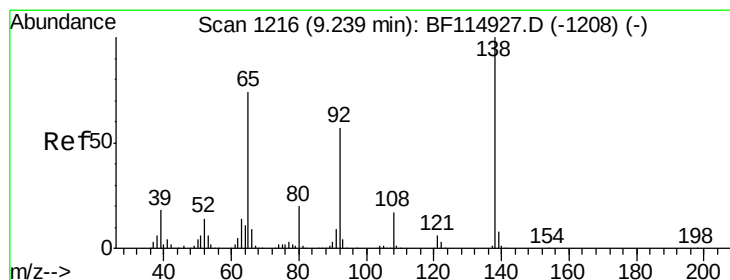
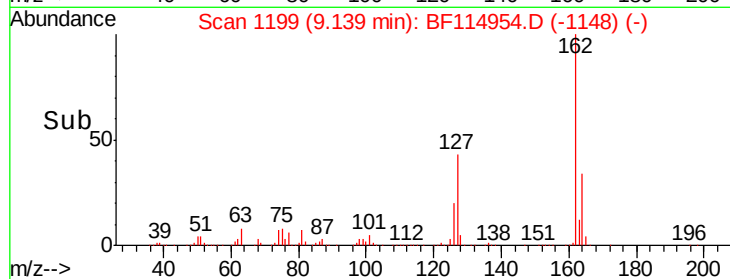
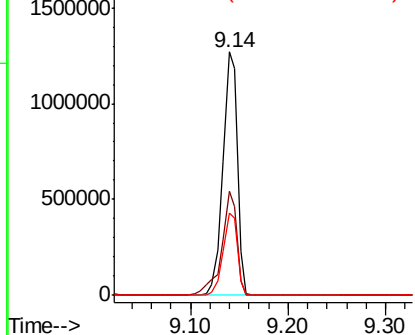
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	34.6	51.8
164	33.7	27.5	41.3

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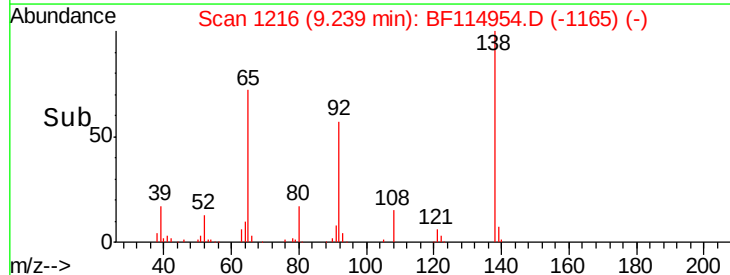
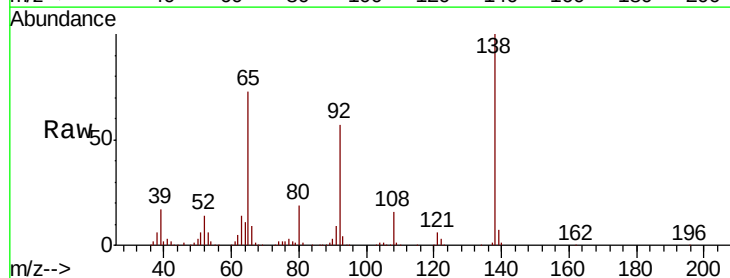
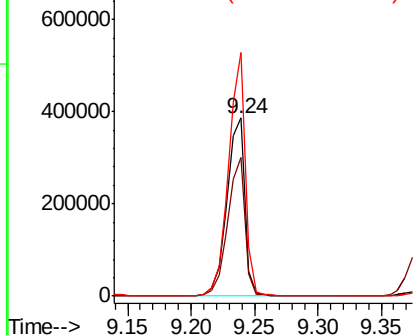
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

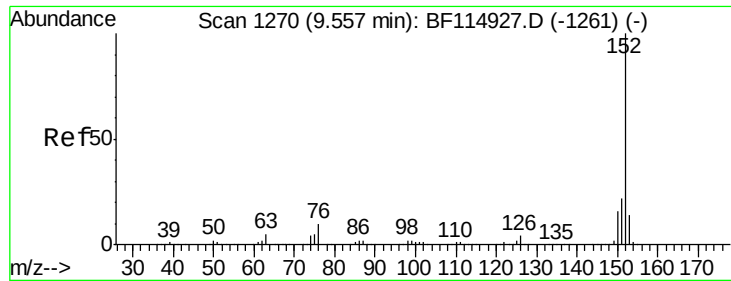


#48
 2-Nitroaniline
 Concen: 42.319 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	78.1	61.9	92.9
138	136.9	108.6	162.8

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





#49

Acenaphthylene

Concen: 46.258 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:152 Resp: 1994152

Ion Ratio Lower Upper

152 100

151 21.1 17.6 26.4

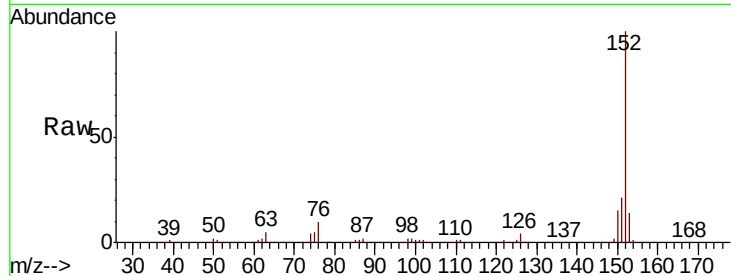
153 13.8 11.4 17.0

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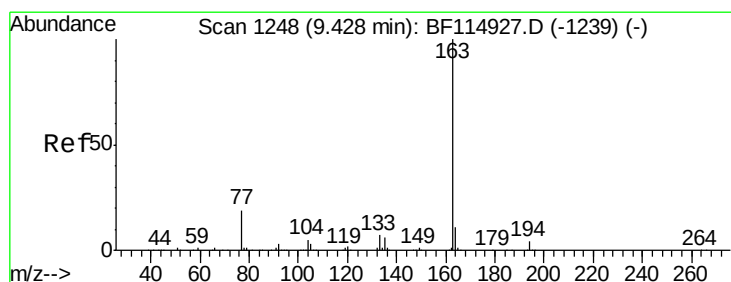
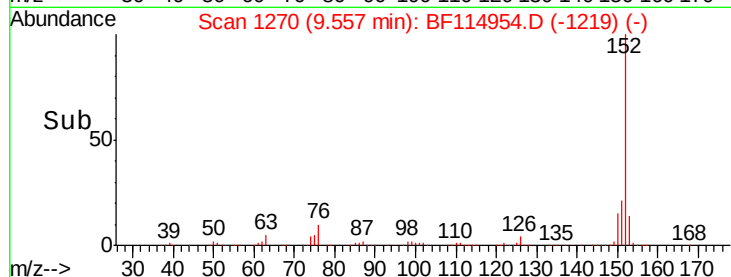
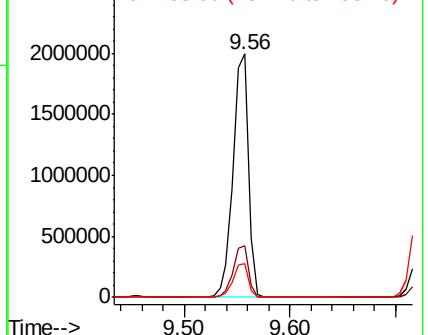
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.745 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

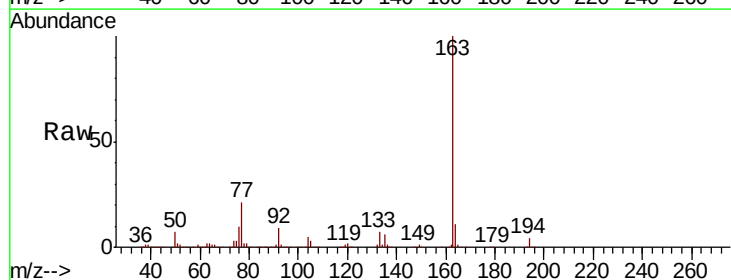
Tgt Ion:163 Resp: 1557750

Ion Ratio Lower Upper

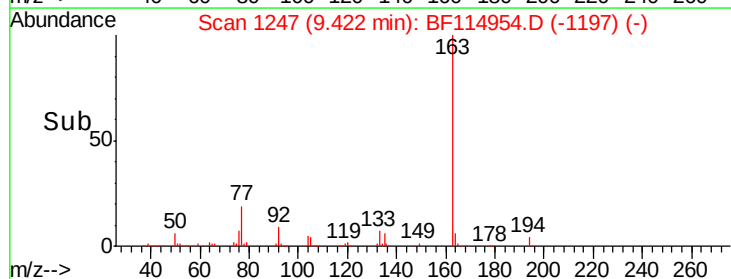
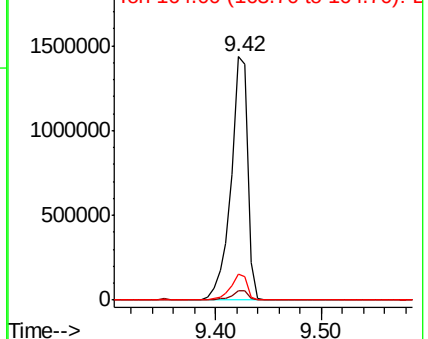
163 100

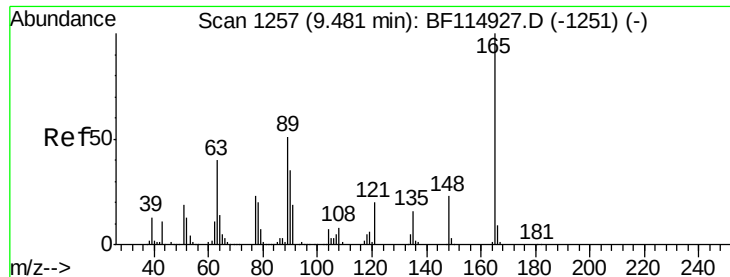
194 3.9 3.4 5.0

164 10.6 8.7 13.1



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: 44.360 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

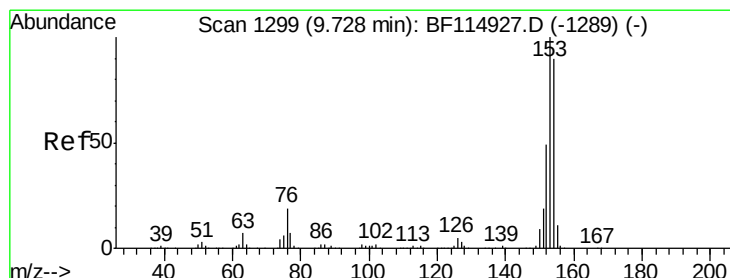
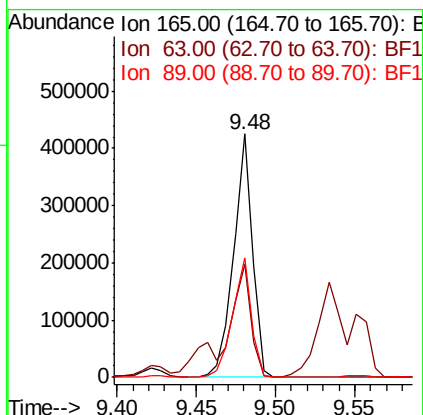
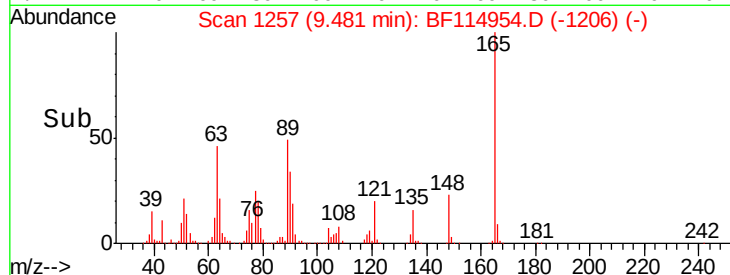
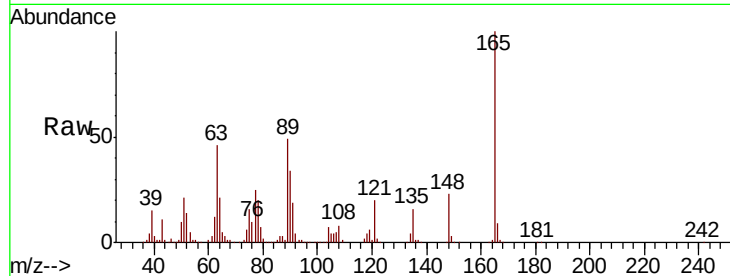
ClientSampleId :

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Tot Ion:	165	Resp:	354715
Ion Ratio	Lower	Upper	
165	100		
63	46.2	38.3	57.5
89	49.3	40.8	61.2

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#52

Acenaphthene

Concen: 44.083 ng

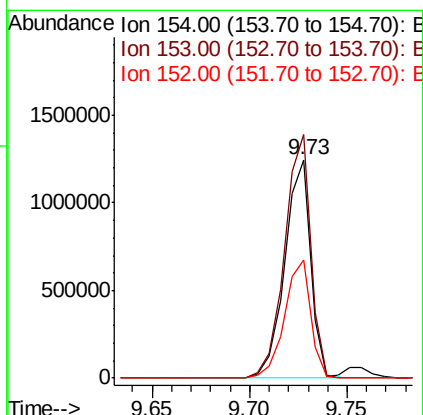
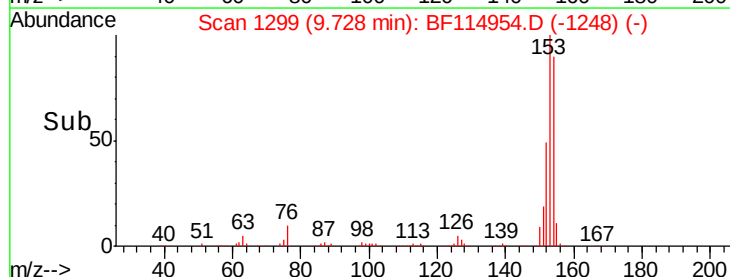
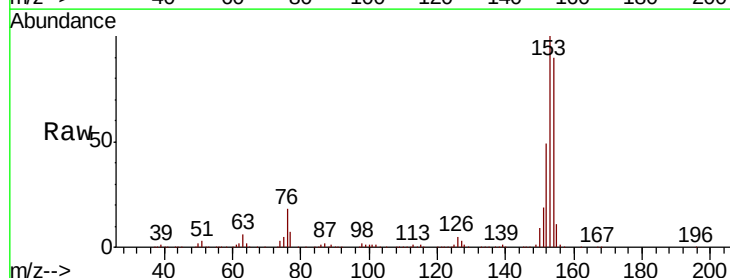
RT: 9.73 min Scan# 1299

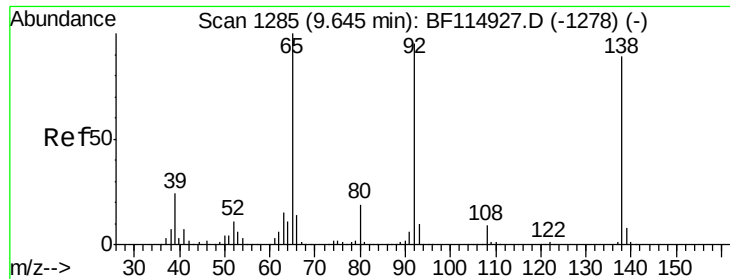
Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:	154	Resp:	1151300
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.1	133.7
152	54.4	43.8	65.6





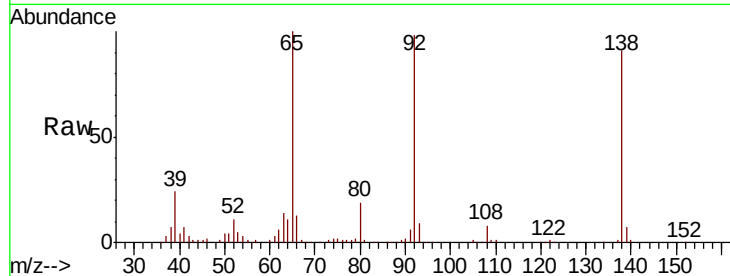
#53
3-Nitroaniline
Concen: 12.100 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

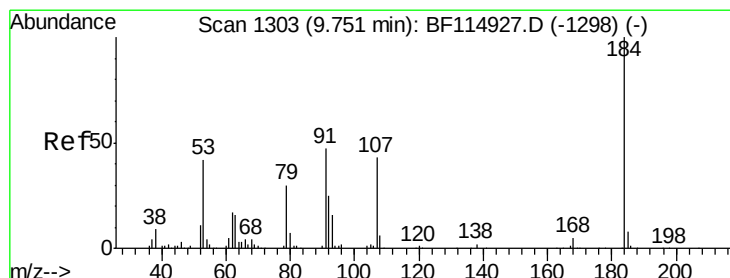
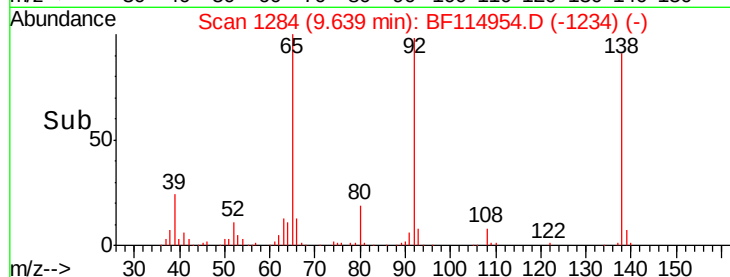
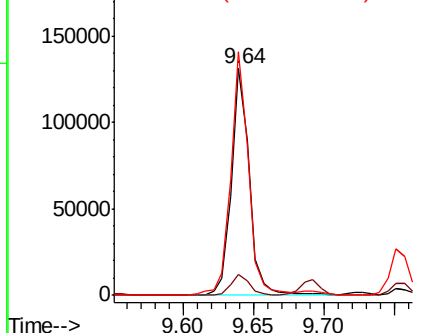
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	107.5	85.0	127.6

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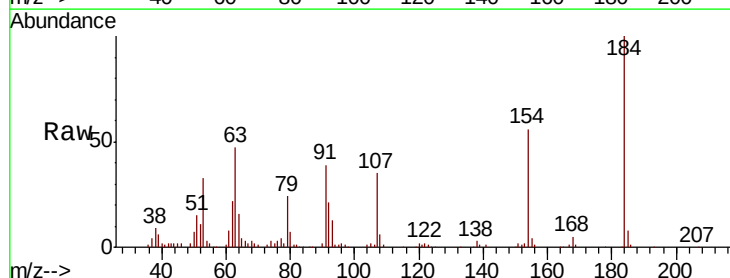


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

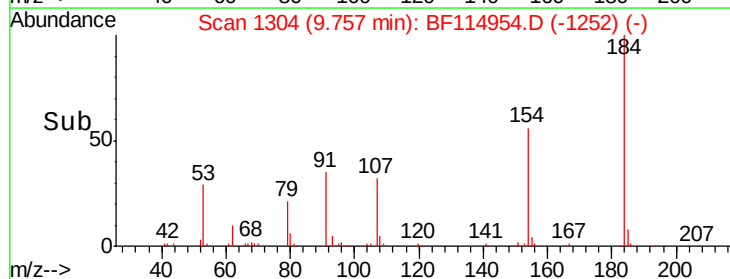
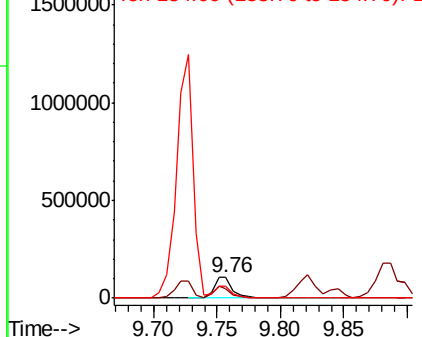


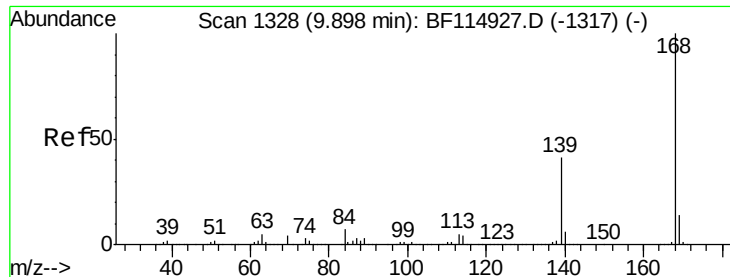
#54
2,4-Dinitrophenol
Concen: 28.627 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.0	47.4	71.0#
154	56.4	48.6	73.0



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





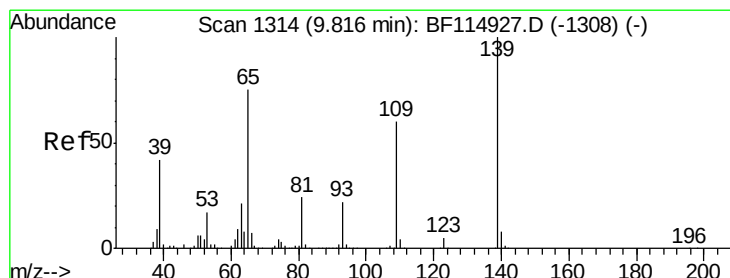
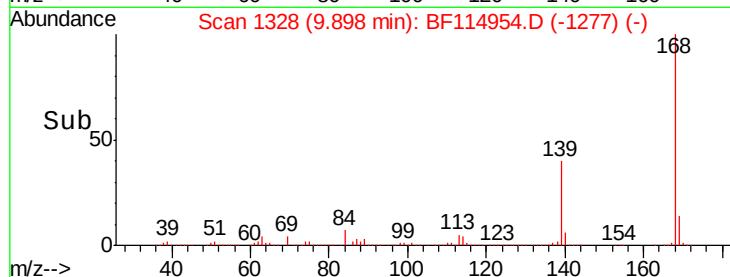
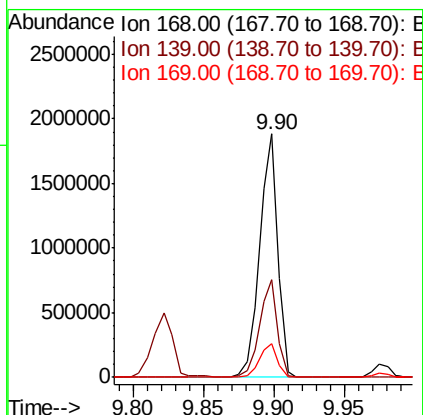
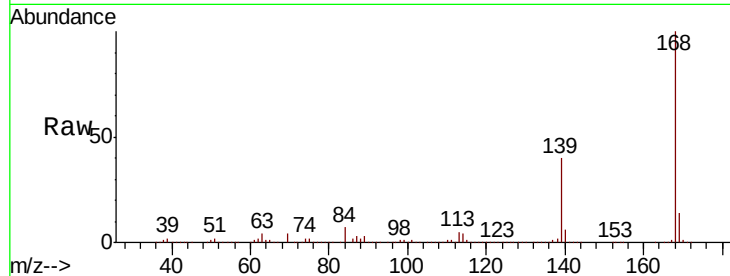
#55
Dibenzofuran
Concen: 46.055 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	33.0	49.4
169	14.0	11.6	17.4

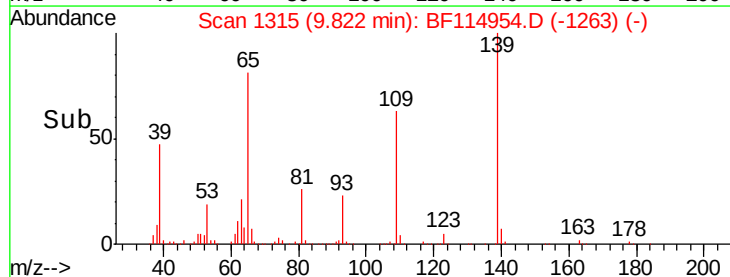
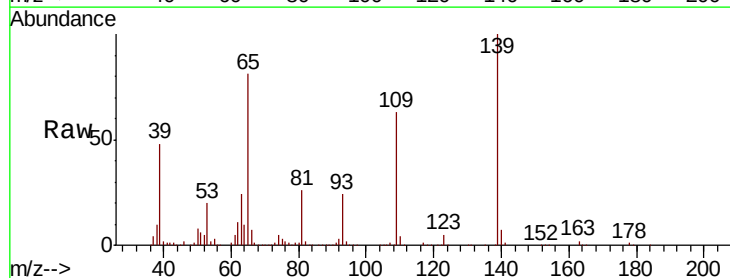
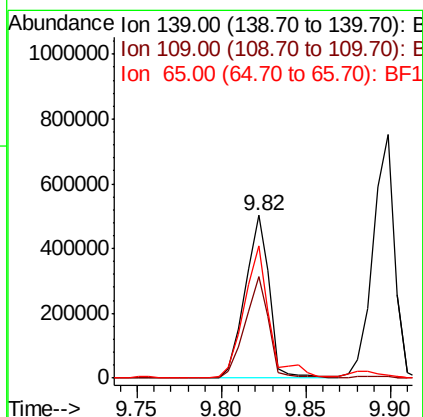
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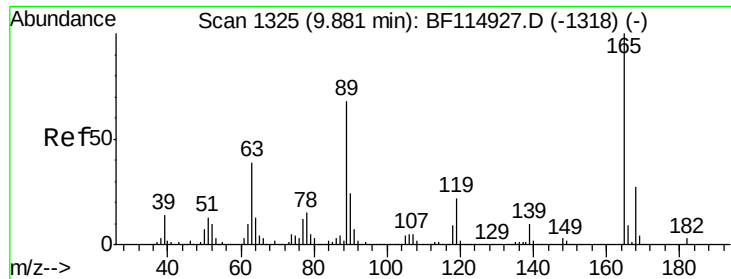
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#56
4-Nitrophenol
Concen: 74.049 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.7	40.0	80.0
65	80.9	55.0	95.0





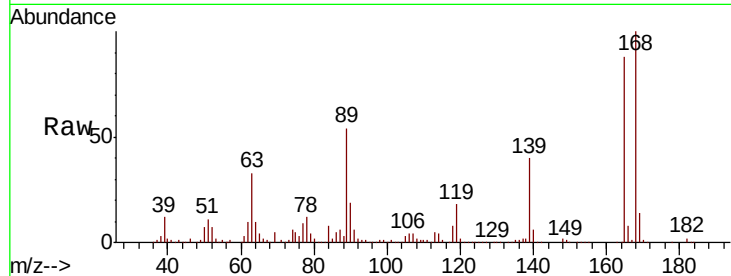
#57
2,4-Dinitrotoluene
Concen: 44.447 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

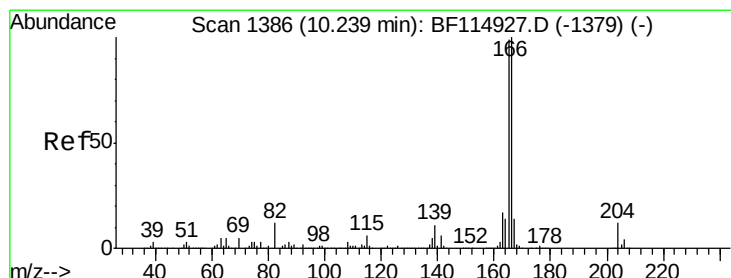
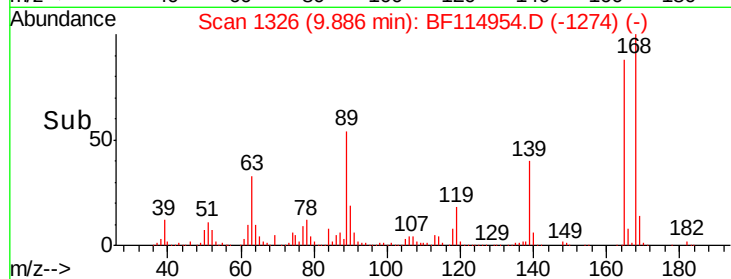
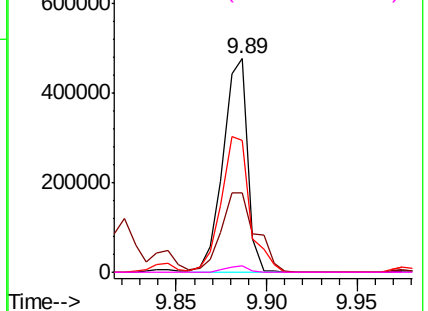
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		449252		
63	37.3	31.8	47.6		
89	61.7	54.2	81.2		
182	2.8	2.1	3.1		

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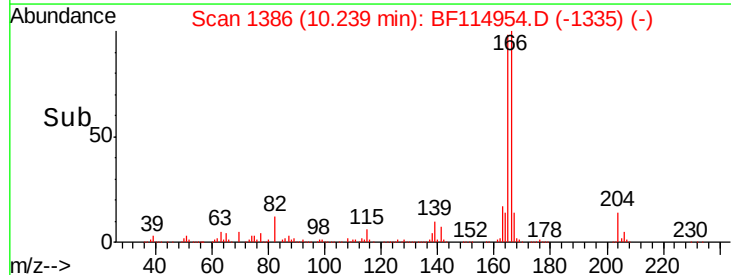
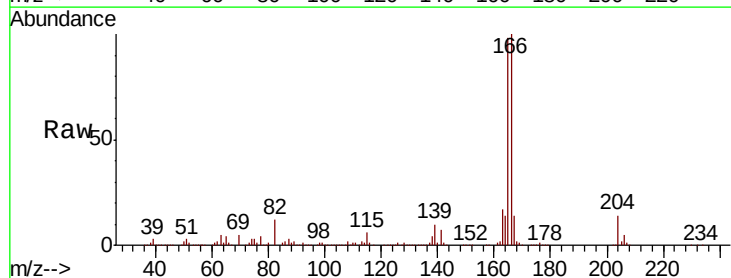
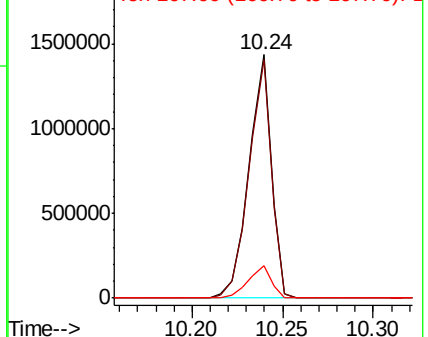
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

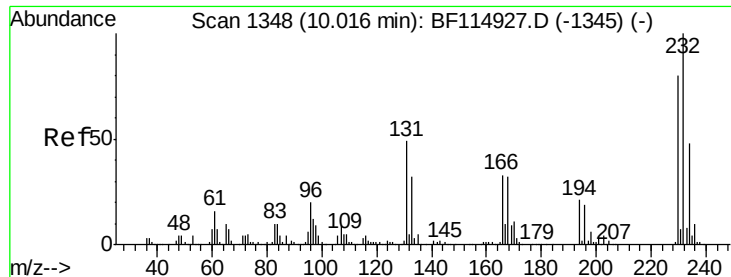


#58
Fluorene
Concen: 43.386 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1246852		
165	98.1	79.2	118.8		
167	13.6	11.0	16.6		

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





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.866 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

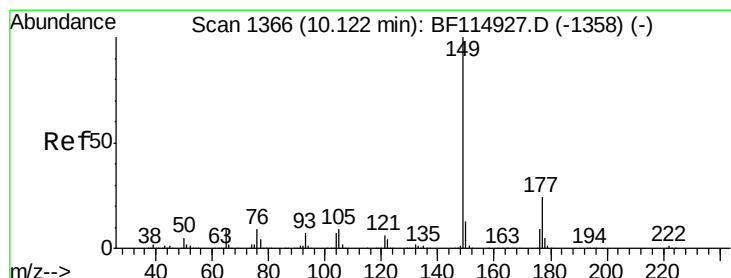
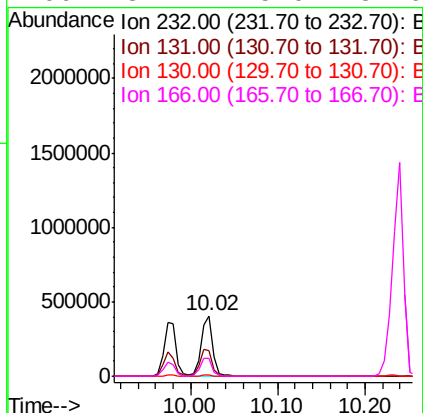
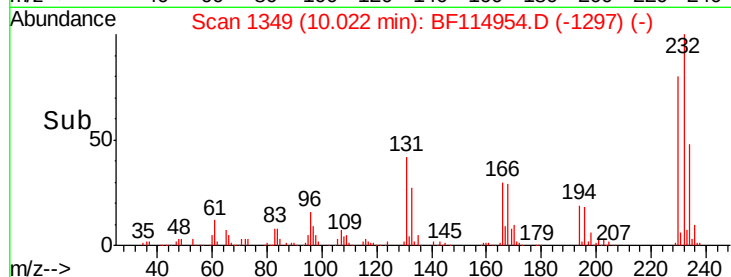
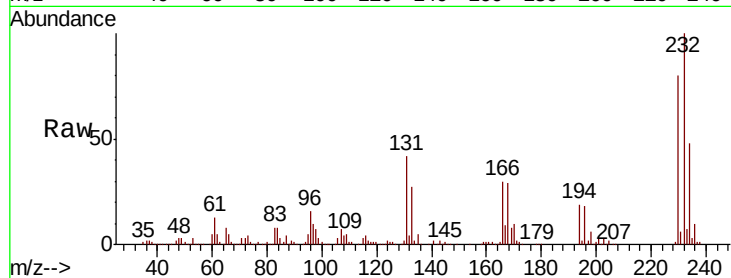
ClientSampleId :

STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	37.0	55.4
130	2.1	1.8	2.6
166	31.1	25.0	37.6

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#60

Diethylphthalate

Concen: 44.835 ng

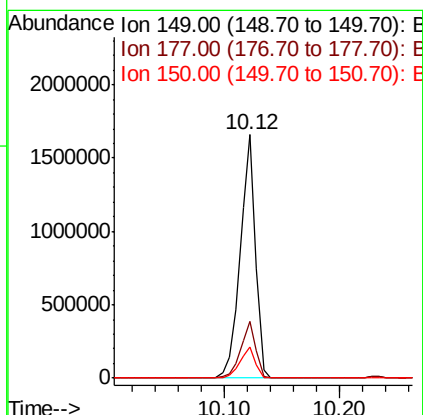
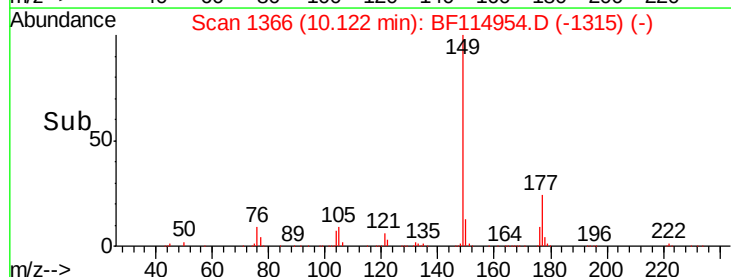
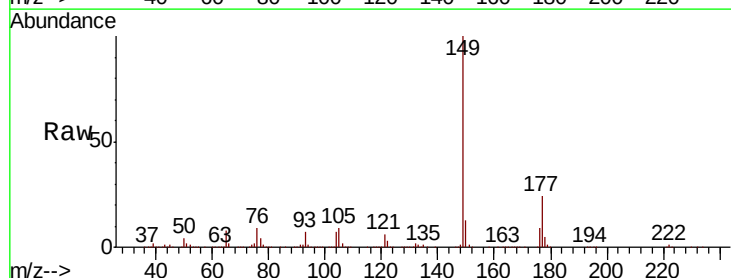
RT: 10.12 min Scan# 1366

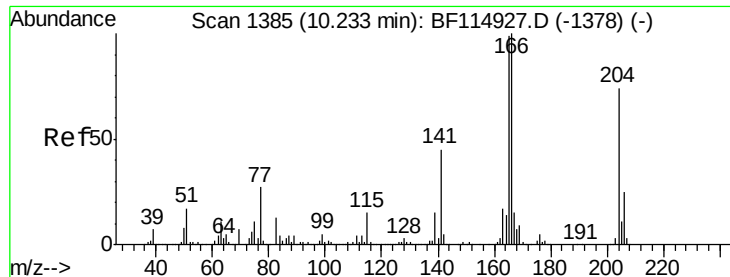
Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	13.0	10.6	16.0





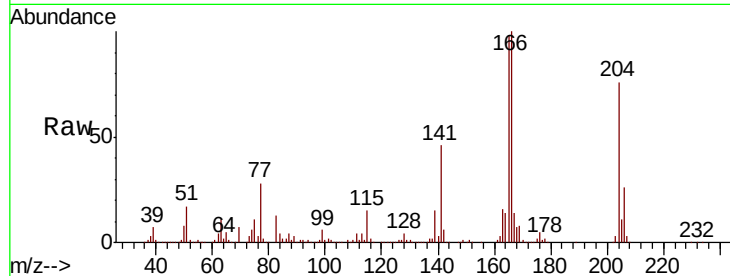
#61
 4-Chlorophenyl-phenylether
 Concen: 43.235 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

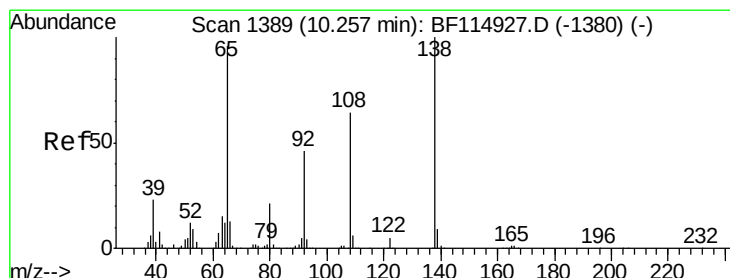
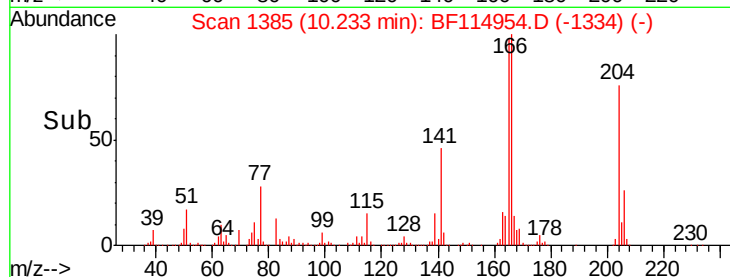
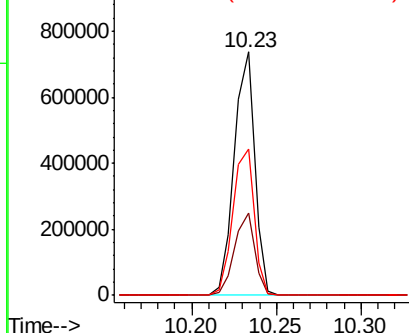
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.8	40.2
141	60.2	48.5	72.7

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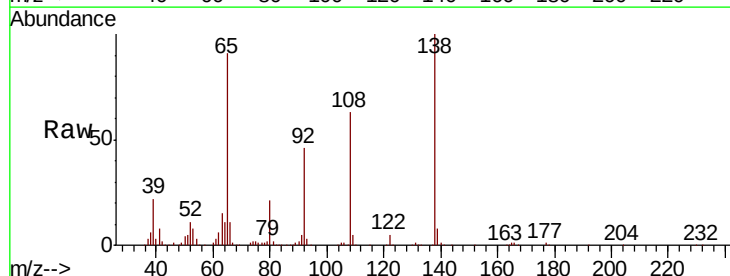


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

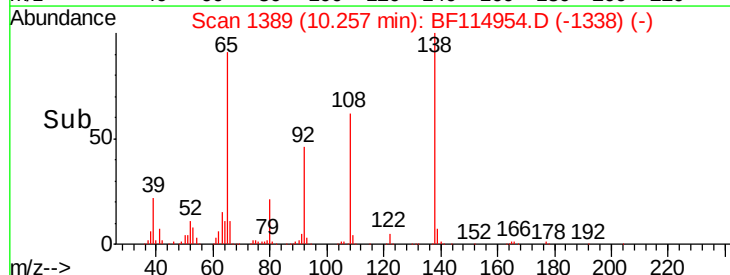
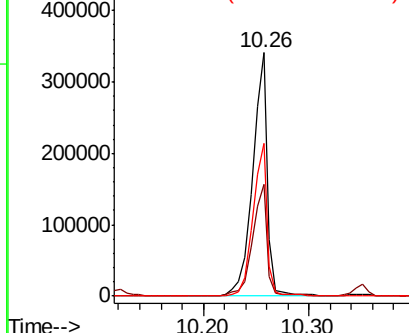


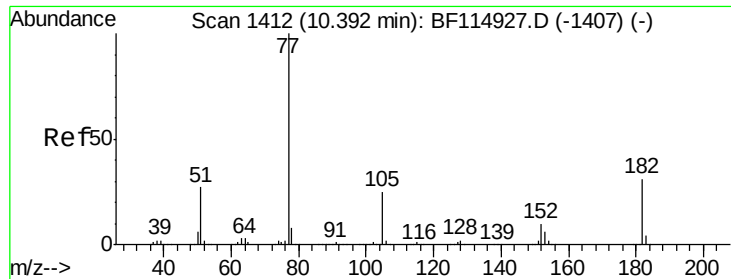
#62
 4-Nitroaniline
 Concen: 33.959 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.9	26.0	66.0
108	62.6	44.0	84.0



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





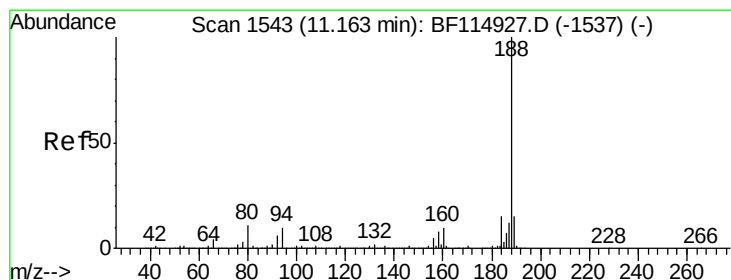
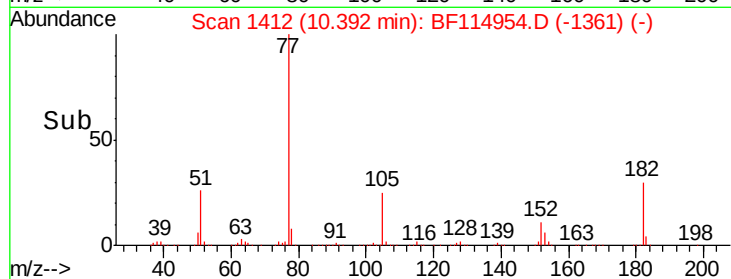
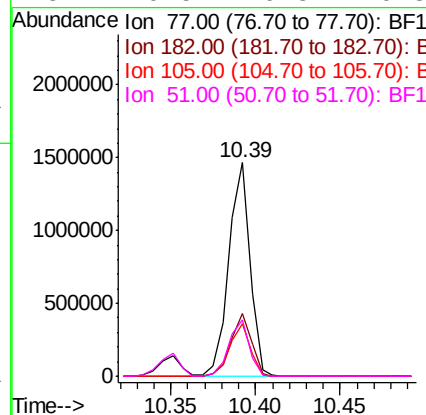
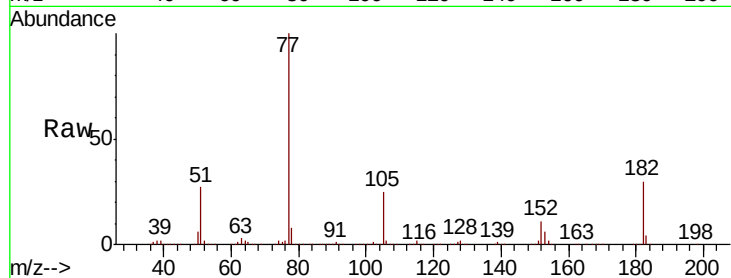
#63
Azobenzene
Concen: 43.414 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.6	10.8	50.8
105	24.8	5.3	45.3
51	26.5	6.8	46.8

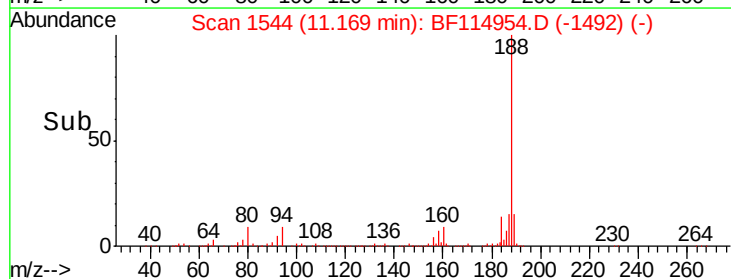
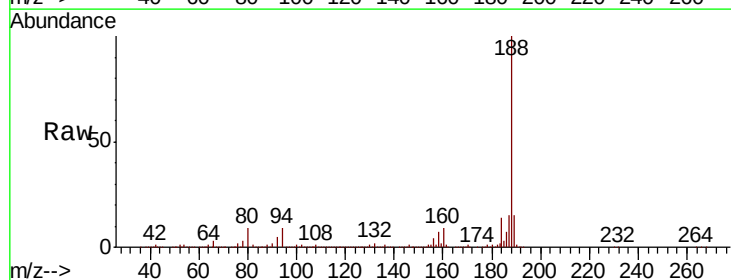
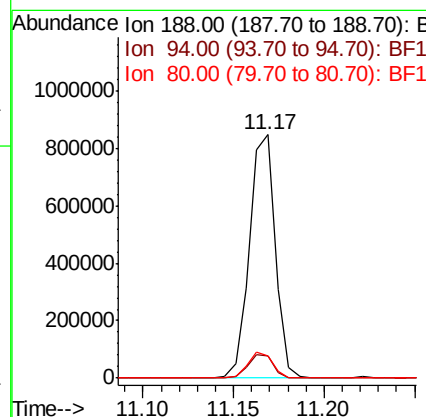
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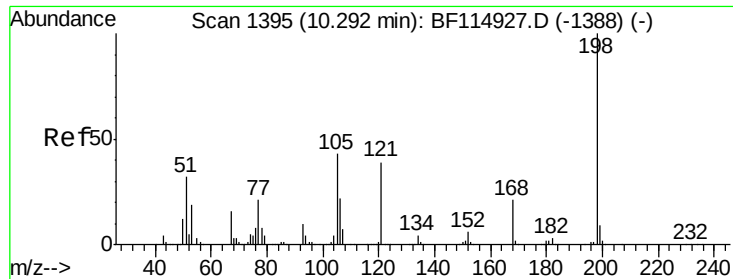
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.3	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 18.509 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:198 Resp: 86817

Ion Ratio Lower Upper

198 100

51 34.3 16.8 56.8

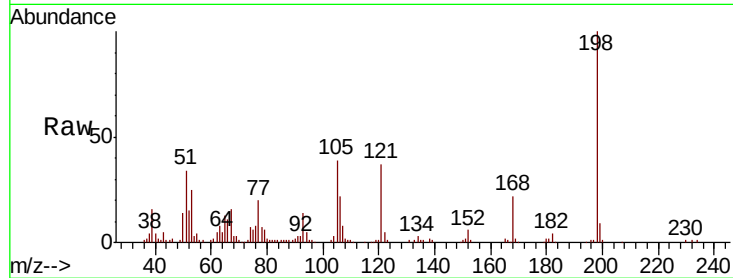
105 38.7 23.5 63.5

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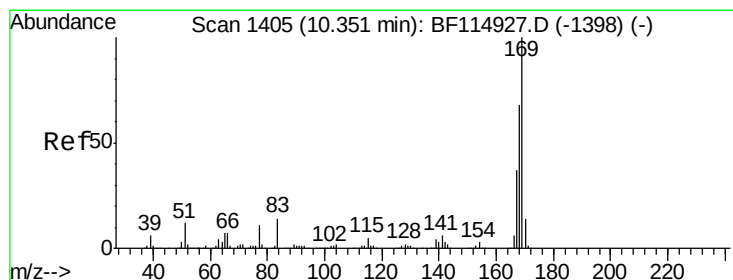
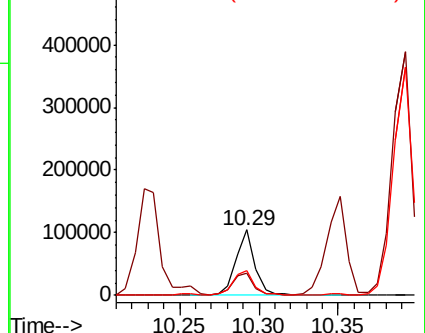
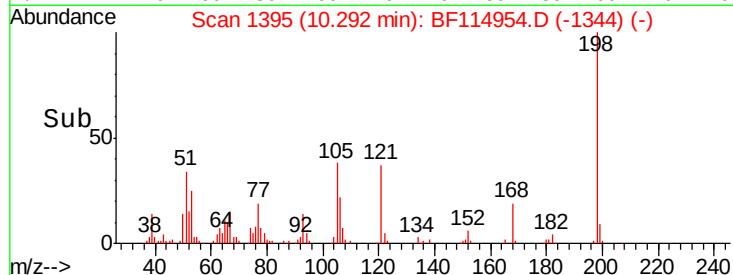
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.749 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

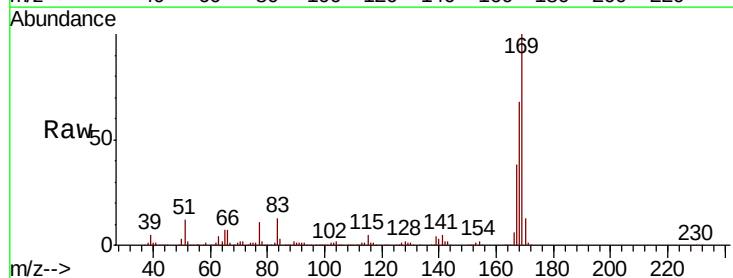
Tgt Ion:169 Resp: 1186503

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

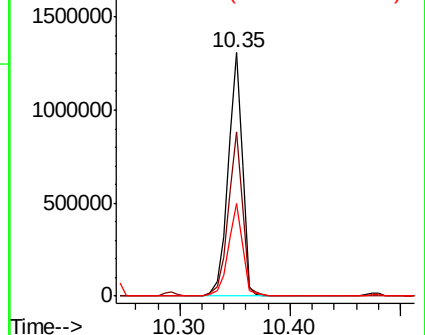
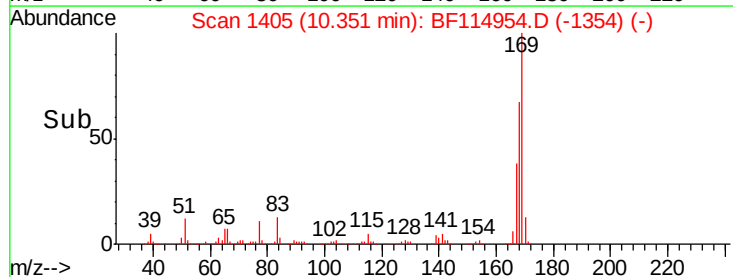
167 37.8 29.4 44.2

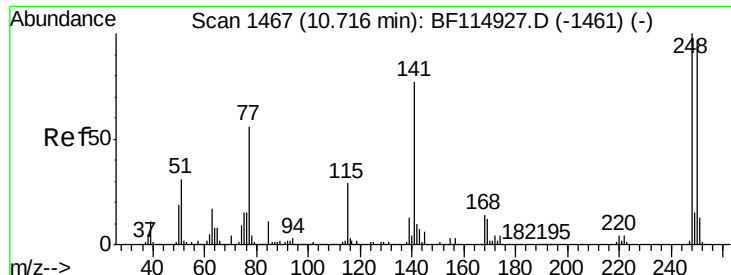


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





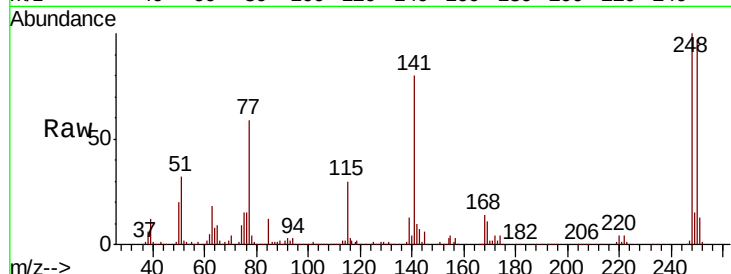
#67
 4-Bromophenyl-phenylether
 Concen: 45.016 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.4	116.0
141	79.6	61.8	92.6

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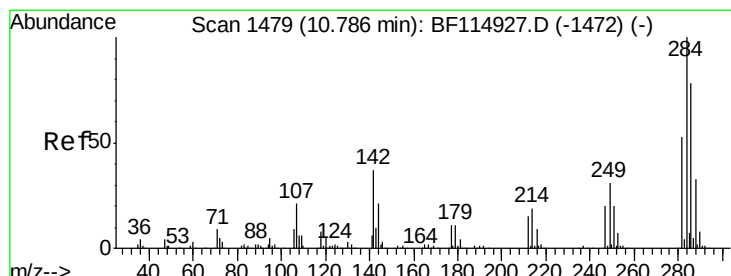
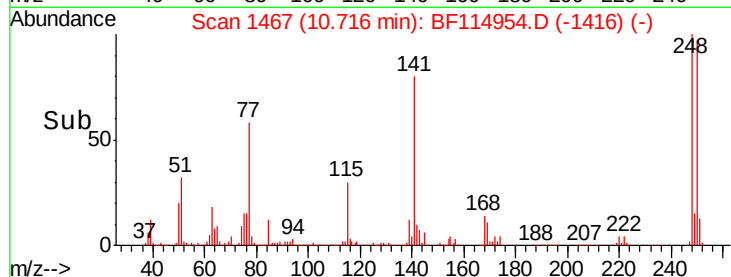
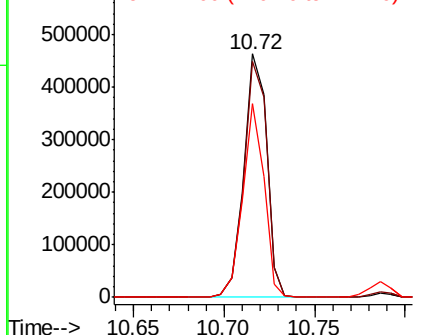


Abundance

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: 42.265 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

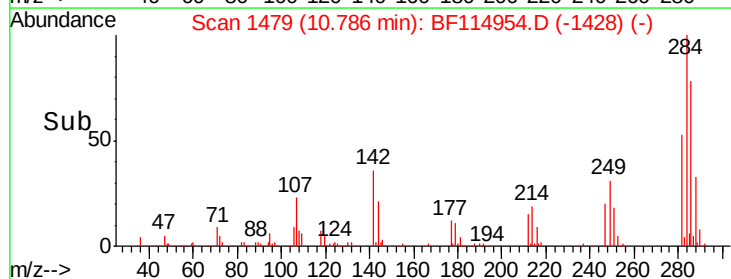
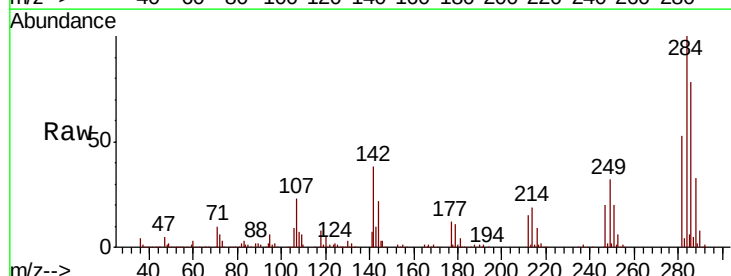
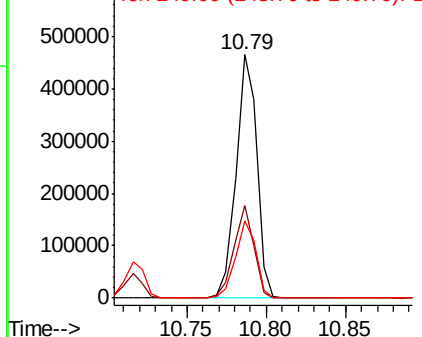
Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	29.3	43.9
249	31.8	25.1	37.7

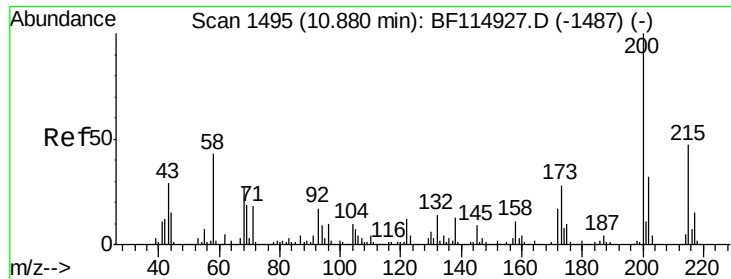
Abundance

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





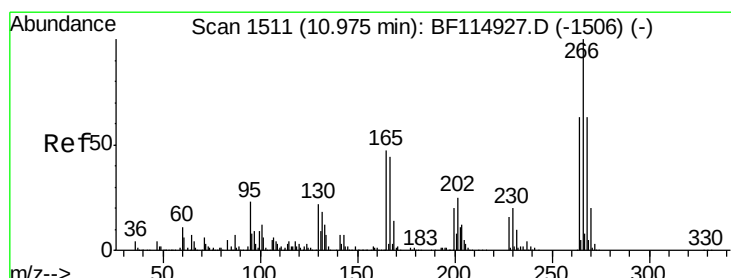
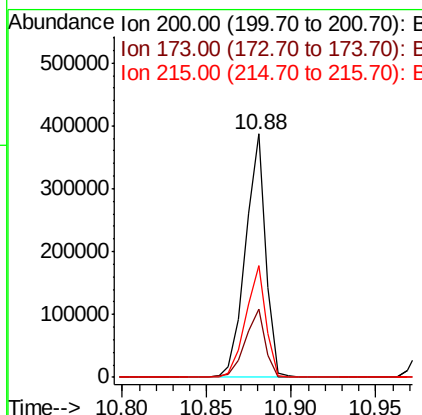
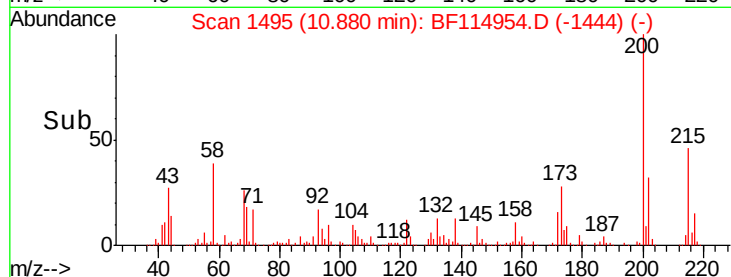
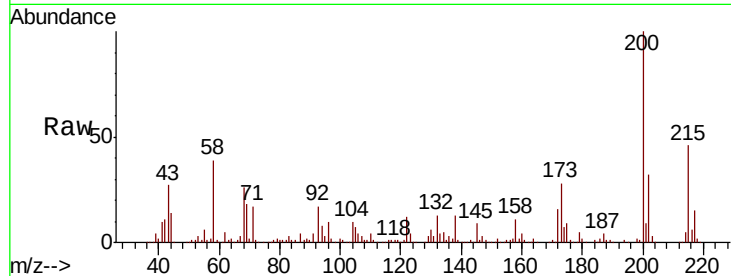
#69
 Atrazine
 Concen: 38.615 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.3	48.3
215	46.1	26.6	66.6

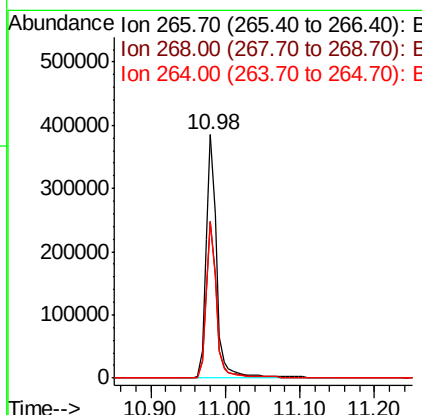
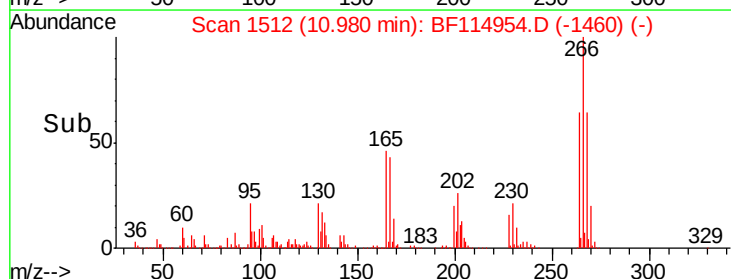
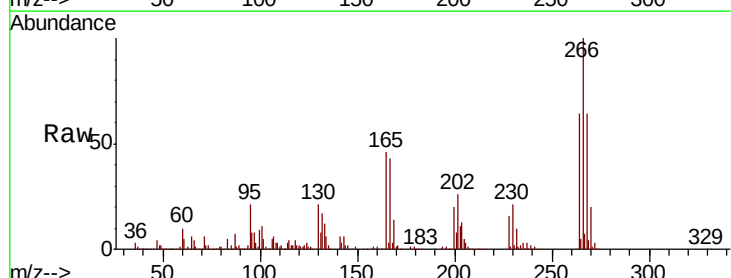
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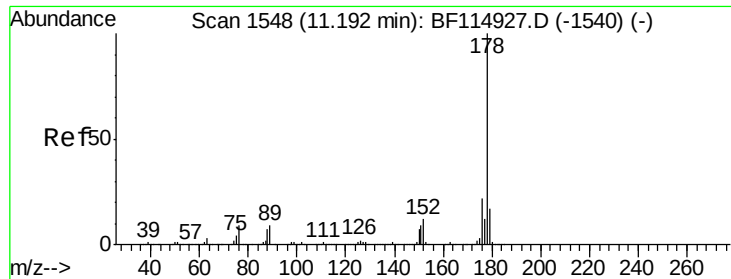
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#70
 Pentachlorophenol
 Concen: 68.929 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.8	76.2
264	64.1	50.4	75.6





#71

Phenanthrene

Concen: 45.382 ng

RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:178 Resp: 1841554

Ion Ratio Lower Upper

178 100

176 20.9 17.4 26.2

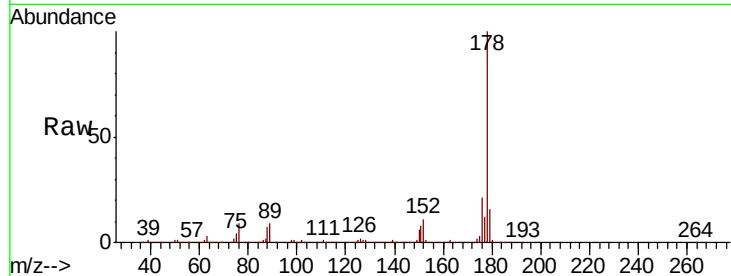
179 16.4 13.6 20.4

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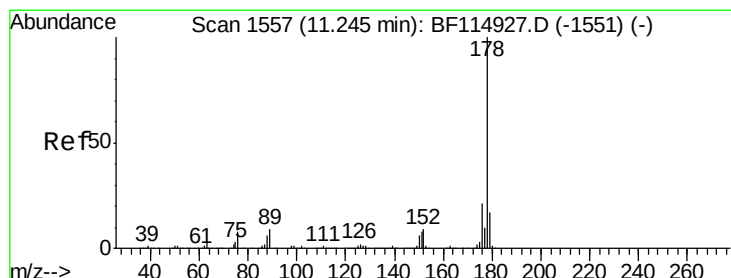
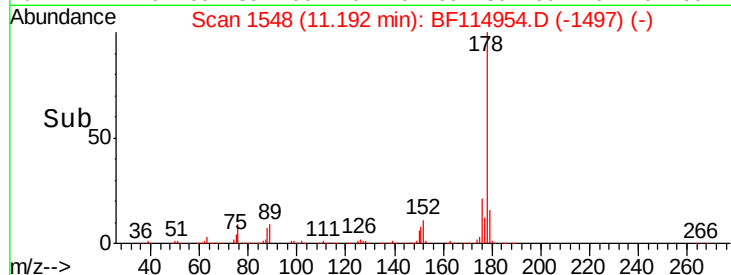
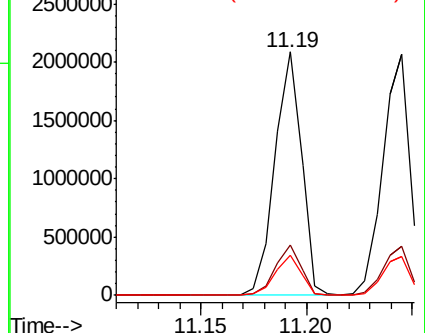
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.509 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:178 Resp: 1874419

Ion Ratio Lower Upper

178 100

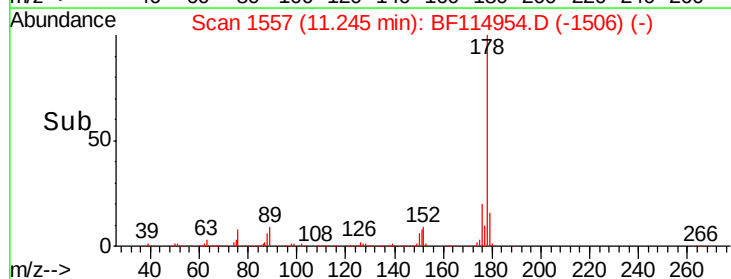
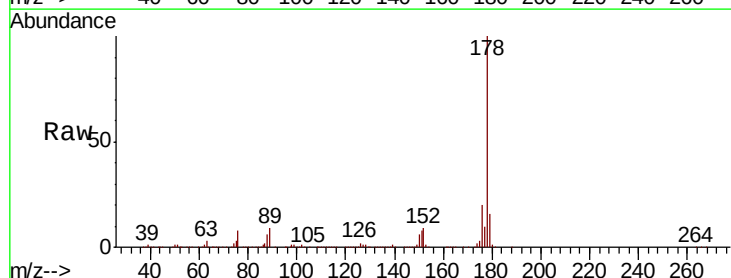
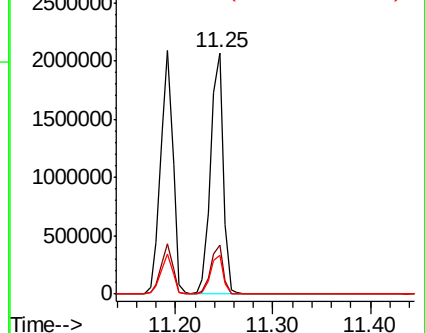
176 20.1 16.6 25.0

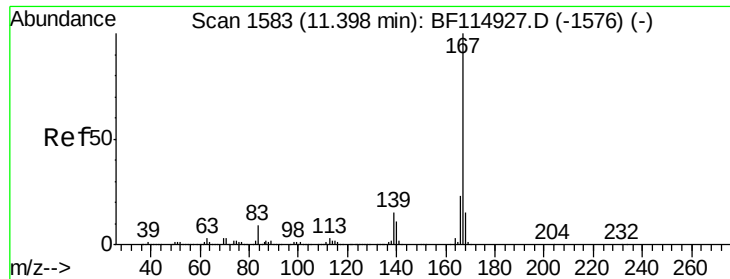
179 16.2 13.4 20.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





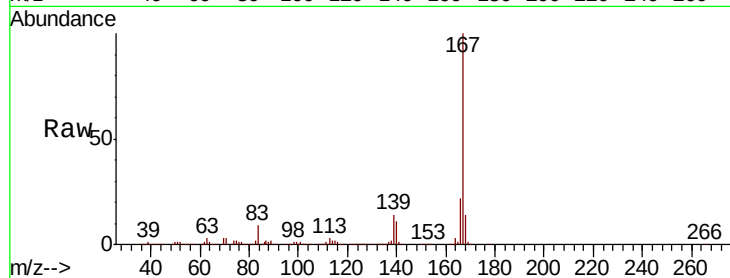
#73
 Carbazole
 Concen: 44.778 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.8	28.2
139	14.3	11.6	17.4

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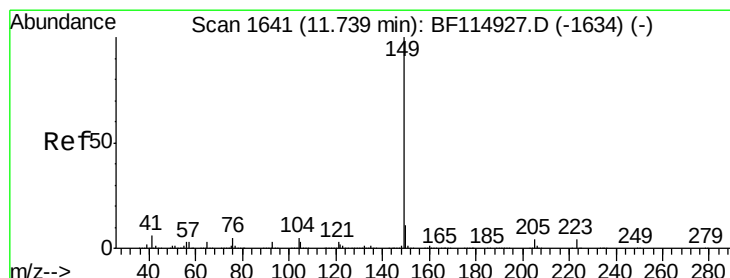
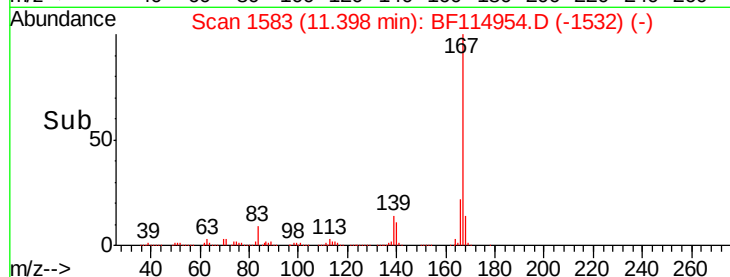
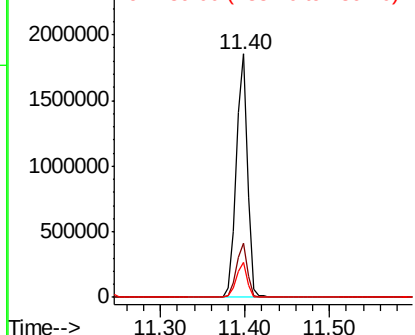


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 47.679 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

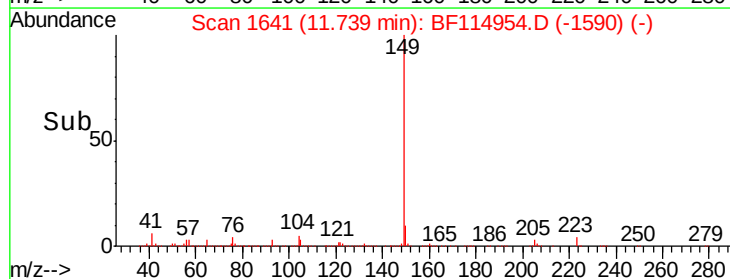
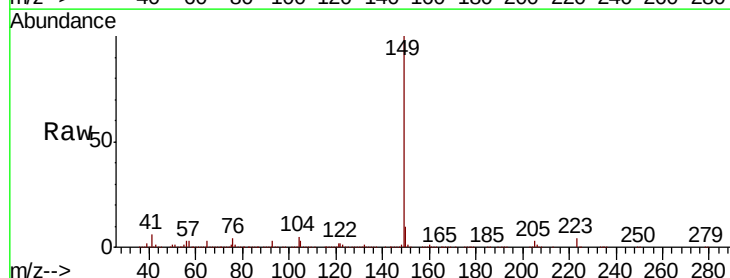
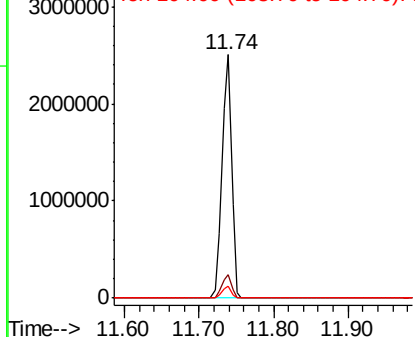
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.5	12.7
104	4.7	4.1	6.1

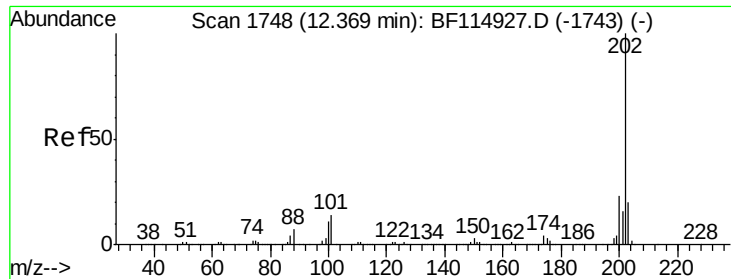
Abundance

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: 41.114 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:202 Resp: 1725648

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.3

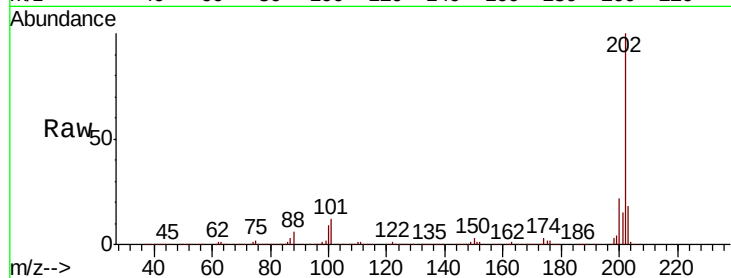
203 17.8 0.0 39.6

Manual Integrations

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6/12/2019 9:09:00 AM

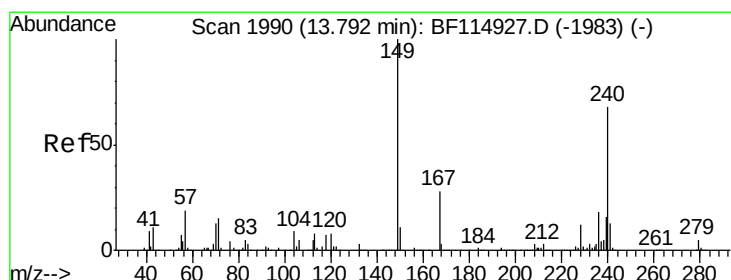
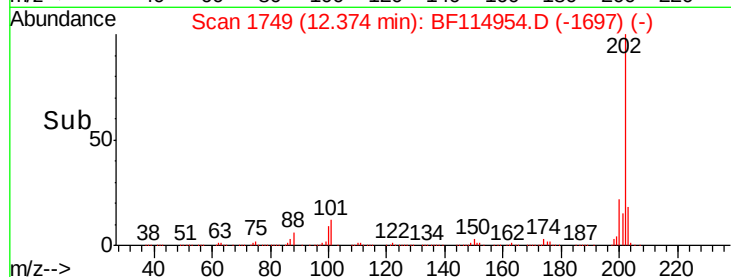
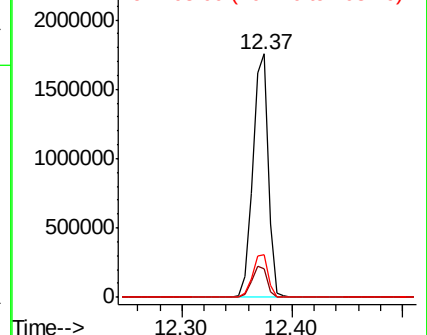


Abundance

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: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

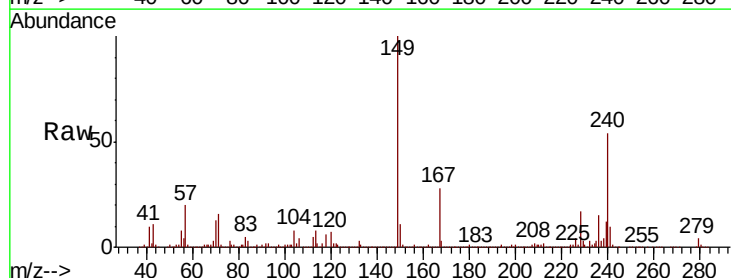
Tgt Ion:240 Resp: 481579

Ion Ratio Lower Upper

240 100

120 12.5 9.2 13.8

236 27.4 21.7 32.5

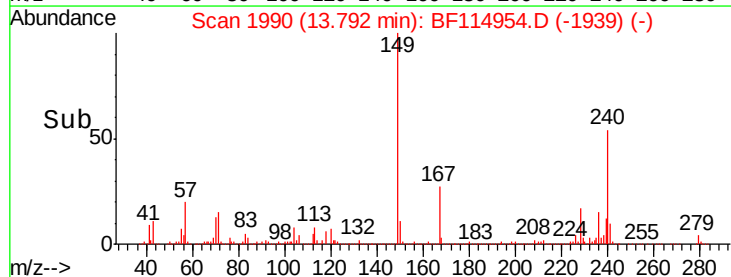
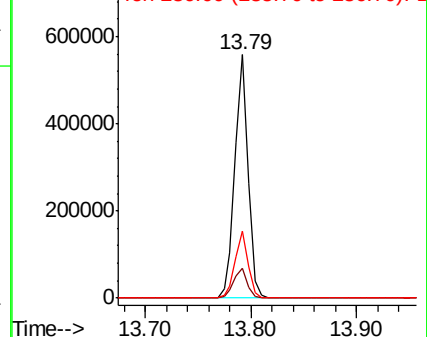


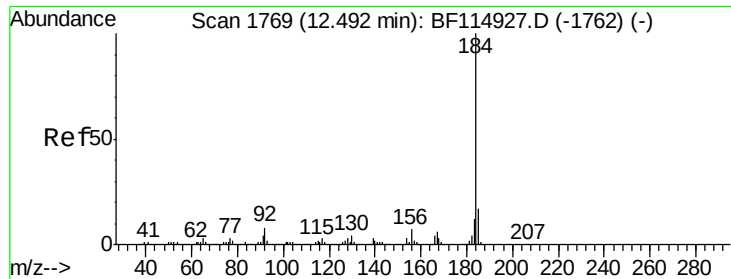
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.925 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MS

Tot Ion:184 Resp: 19496

Ion Ratio Lower Upper

184 100

185 34.1 13.4 20.0#

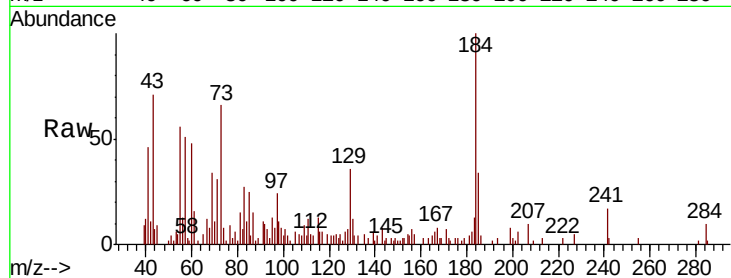
183 13.2 9.8 14.6

Manual Integrations

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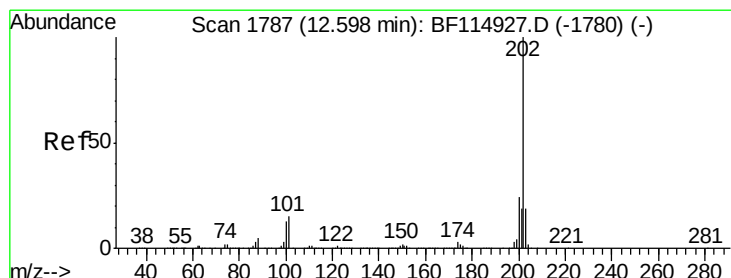
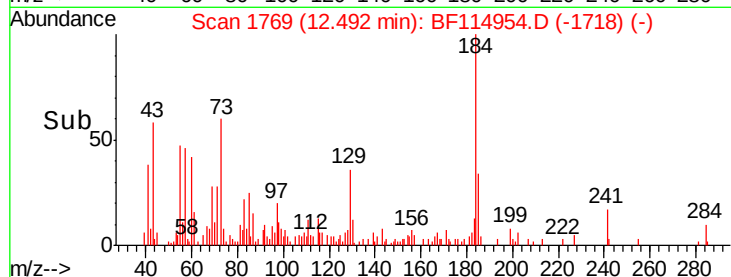
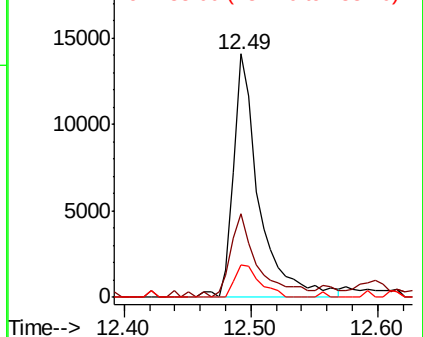
6/12/2019 9:09:00 AM



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: 40.444 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114954.D

Acq: 11 Jun 2019 20:15

Tgt Ion:202 Resp: 1696260

Ion Ratio Lower Upper

202 100

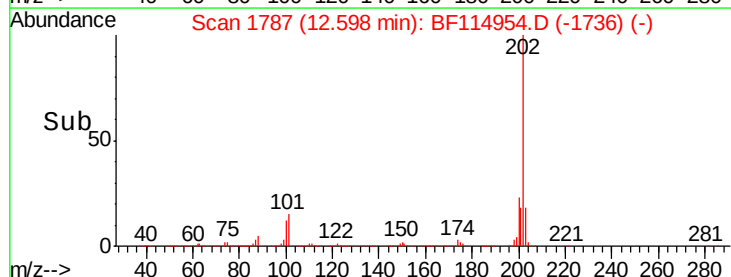
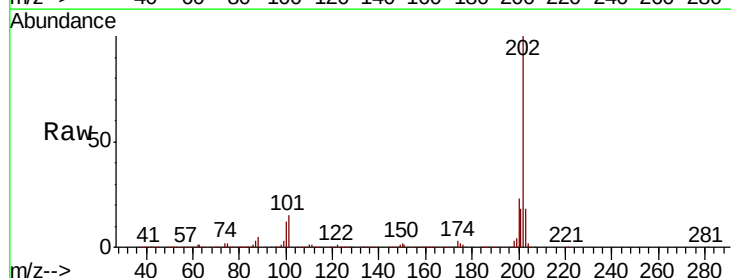
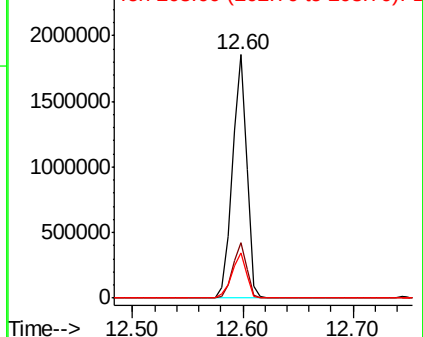
200 22.6 18.9 28.3

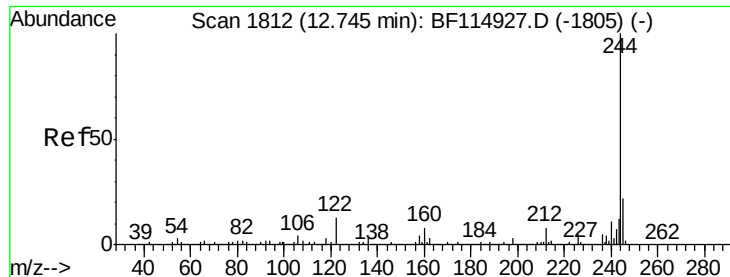
203 18.3 15.2 22.8

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





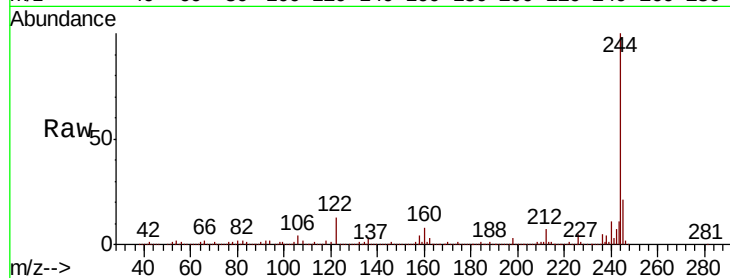
#79
 Terphenyl-d14
 Concen: 94.595 ng
 RT: 12.75 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	12.9	10.2	15.4

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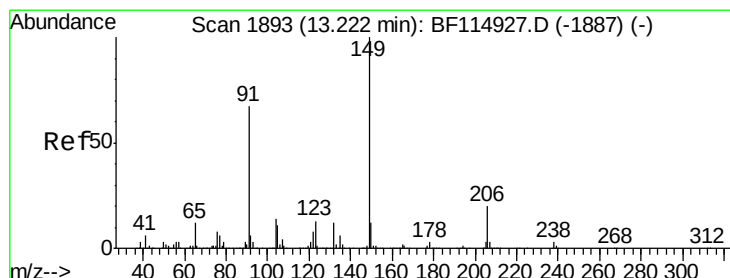
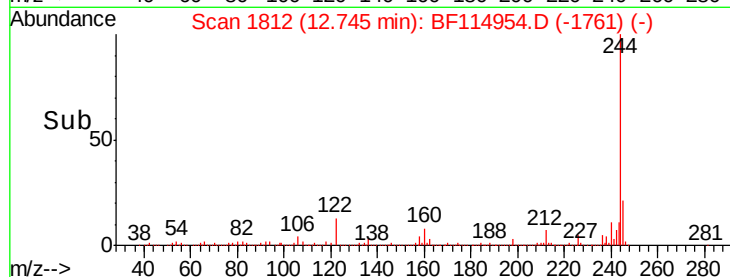
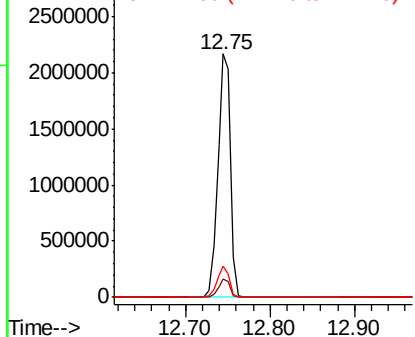


Abundance

Ion 244.00 (243.70 to 244.70): E

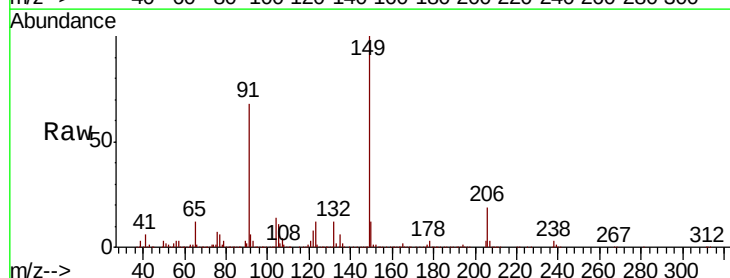
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 41.475 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	53.8	80.8
206	19.4	16.3	24.5

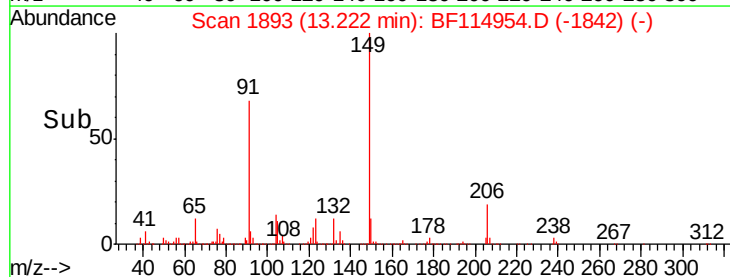
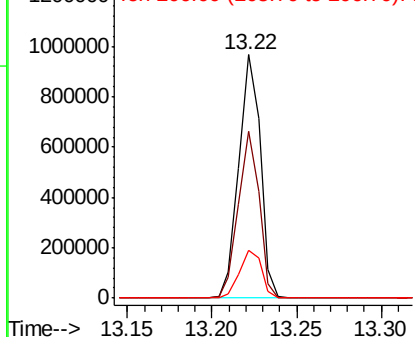


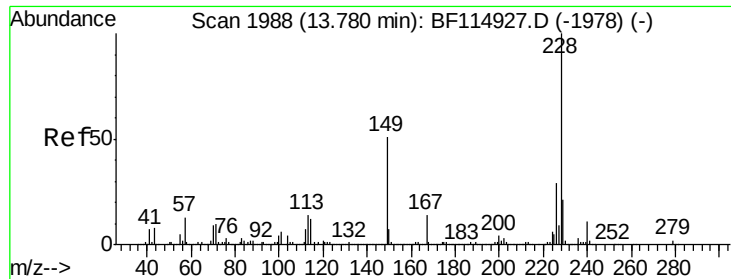
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





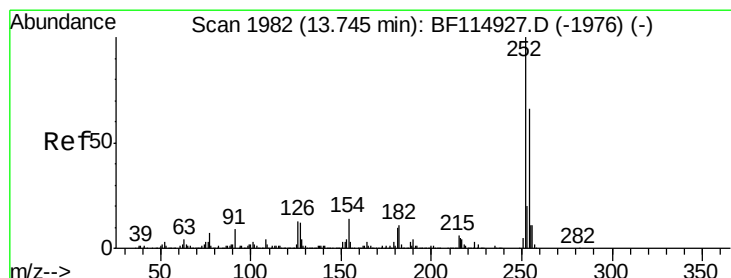
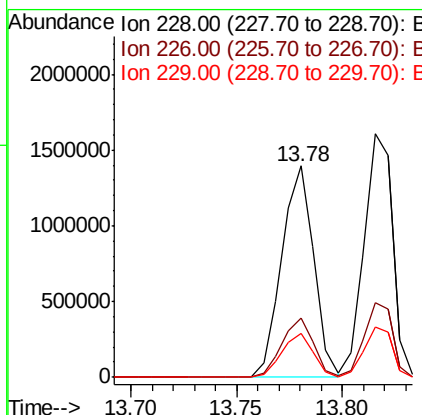
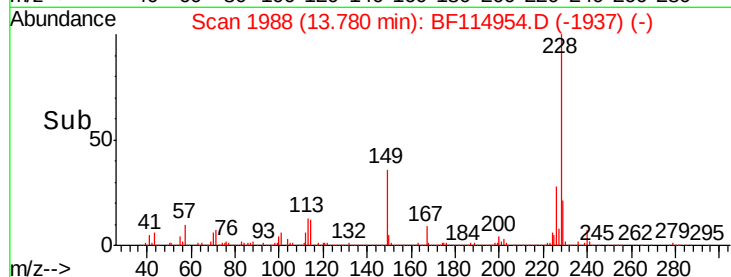
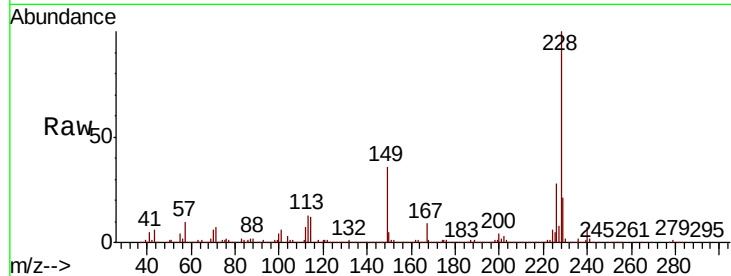
#81
Benzo(a)anthracene
Concen: 41.489 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion:228 Resp: 1477368
Ion Ratio Lower Upper
228 100
226 27.8 22.8 34.2
229 20.6 16.6 25.0

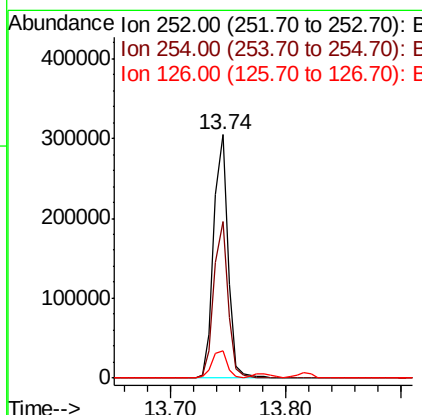
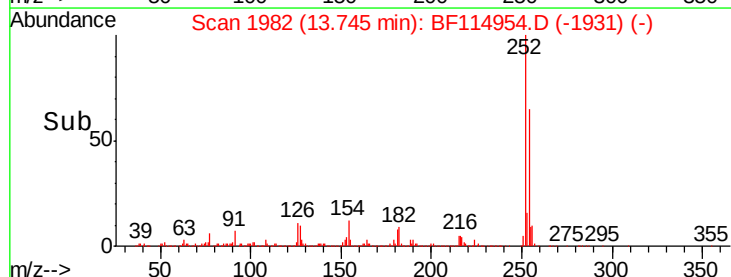
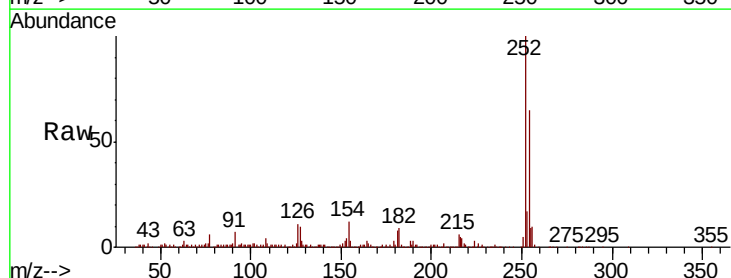
Manual Integrations
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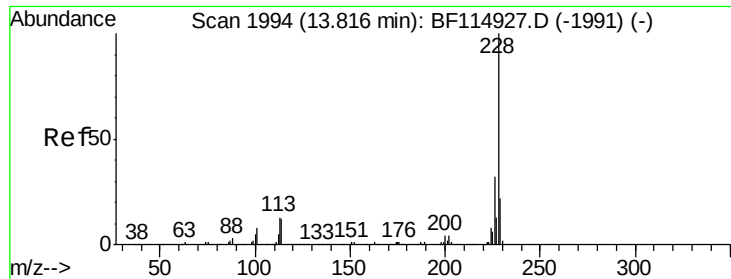
mohammad
6/12/2019 9:09:00 AM



#82
3,3'-Dichlorobenzidine
Concen: 18.134 ng
RT: 13.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion:252 Resp: 263580
Ion Ratio Lower Upper
252 100
254 64.5 52.6 78.8
126 11.2 10.4 15.6





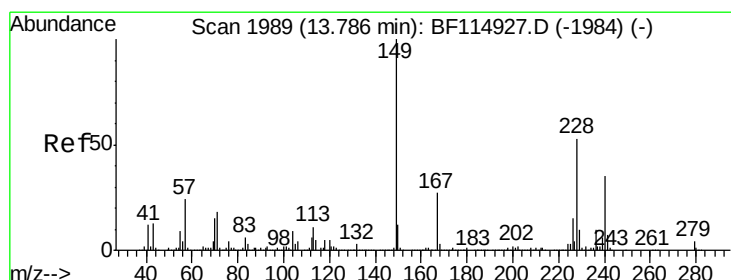
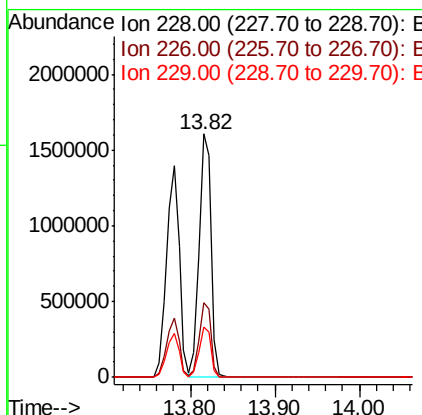
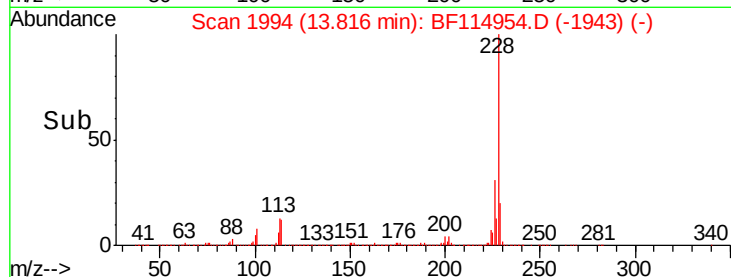
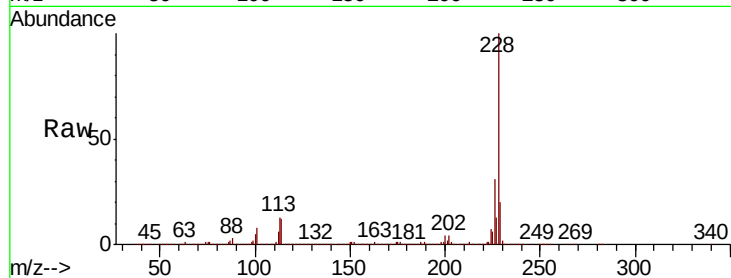
#83
 Chrysene
 Concen: 42.742 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MS

Tot Ion:228 Resp: 1528346
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.8 38.8
 229 20.5 17.2 25.8

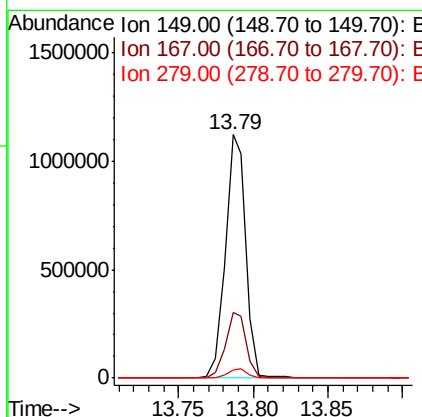
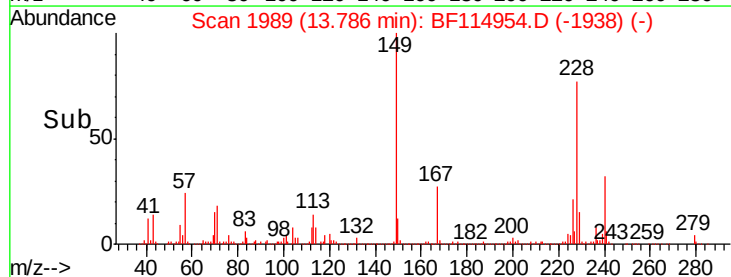
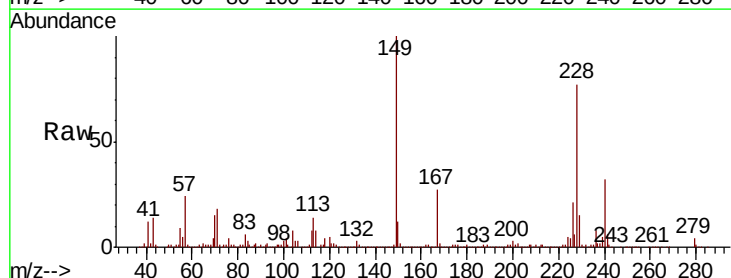
Manual Integrations
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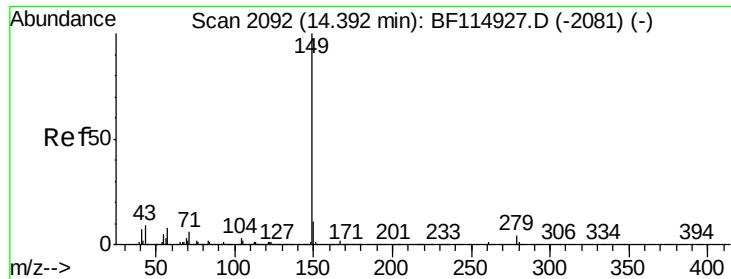
mohammad
 6/12/2019 9:09:00 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.657 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF114954.D
 Acq: 11 Jun 2019 20:15

Tgt Ion:149 Resp: 1080652
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 3.5 3.2 4.8





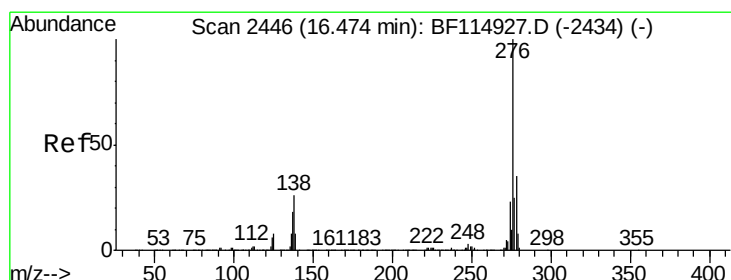
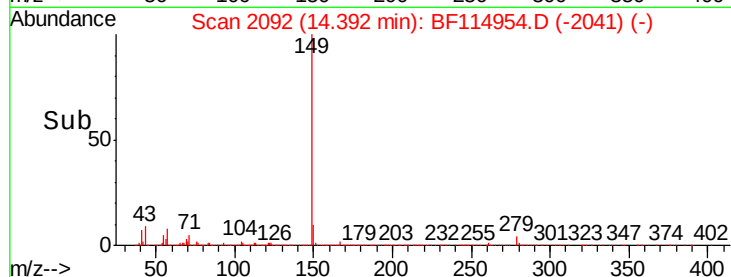
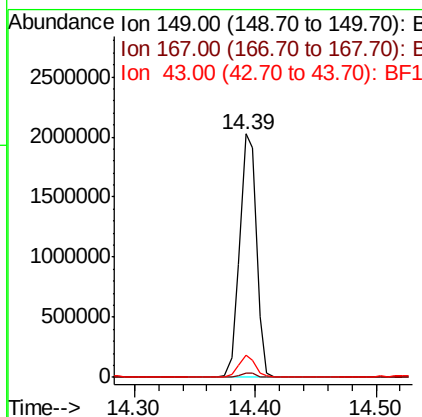
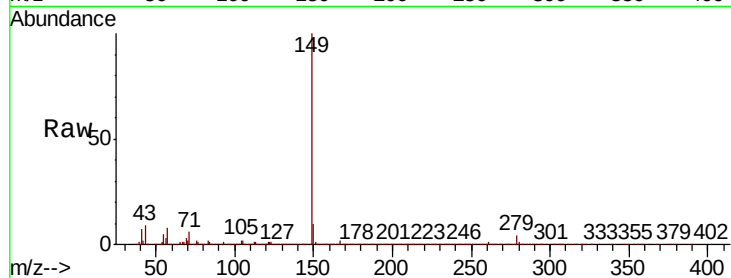
#85
Di-n-octyl phthalate
Concen: 44.752 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.0	6.8	10.2

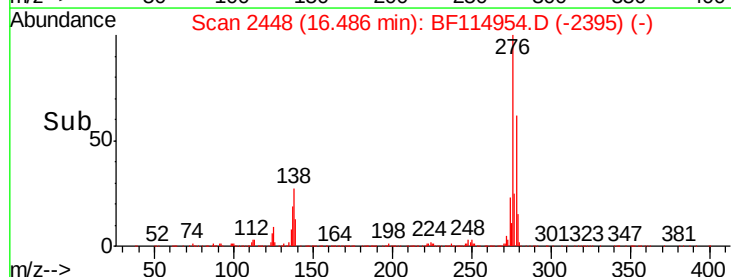
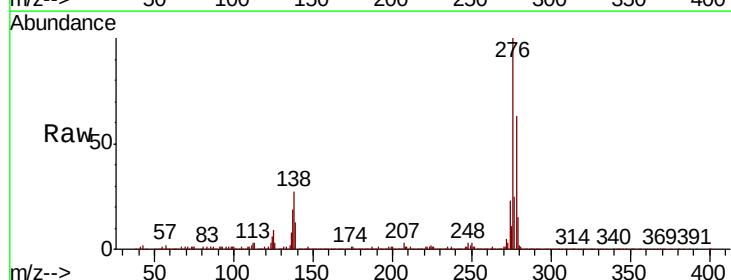
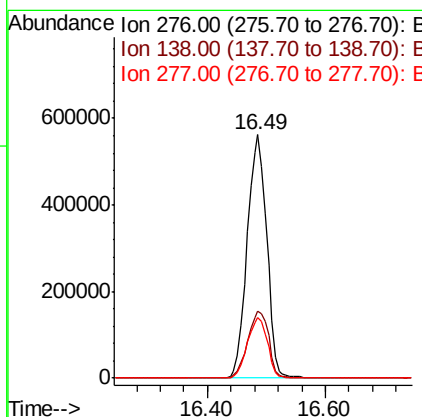
Manual Integrations
APPROVED

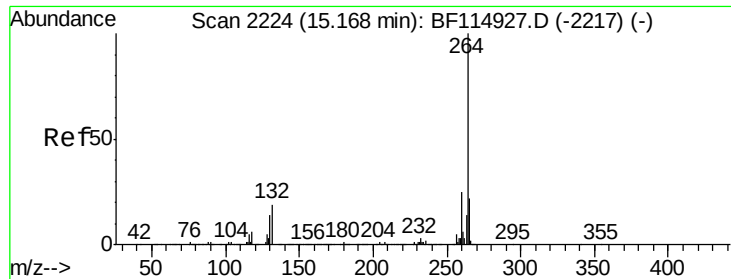
mohammad
6/12/2019 9:09:00 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.249 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.3	34.9
277	25.4	20.5	30.7





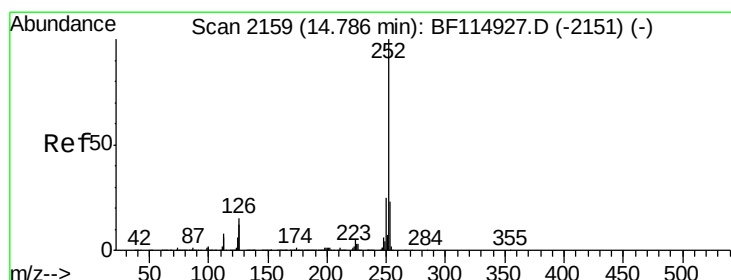
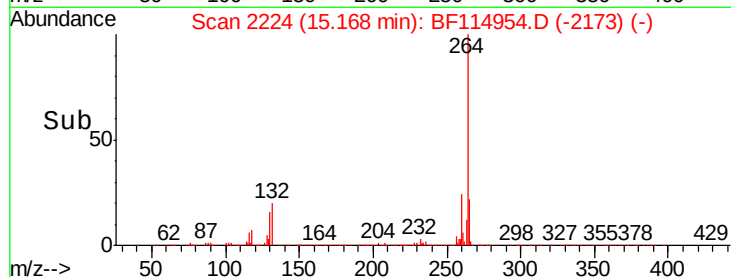
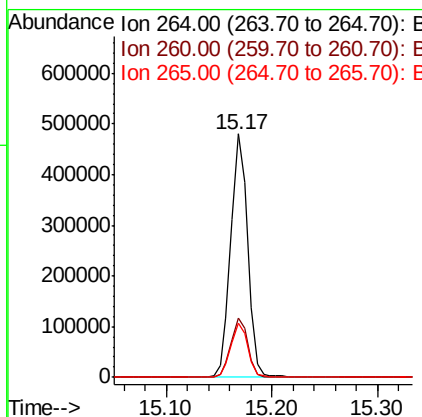
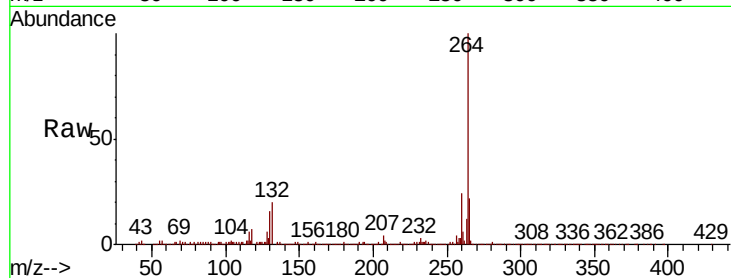
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.0	17.5	26.3

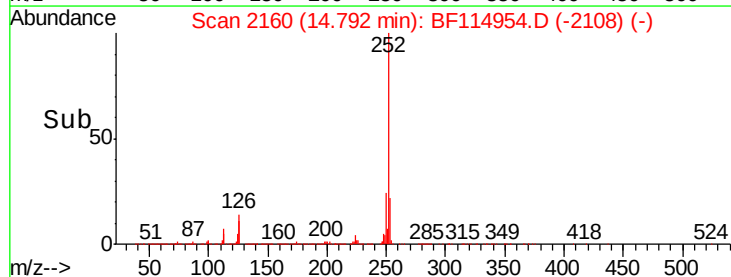
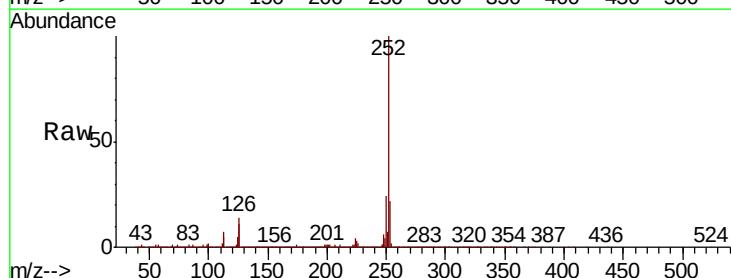
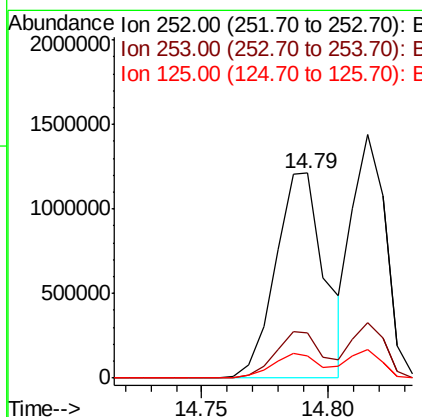
Manual Integrations
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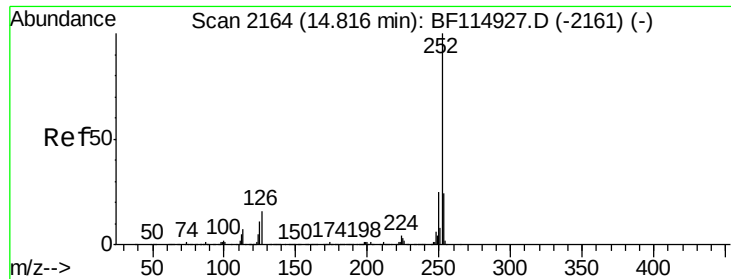
mohammad
6/12/2019 9:09:00 AM



#88
Benzo(b)fluoranthene
Concen: 47.558 ng
RT: 14.79 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	10.8	9.5	14.3





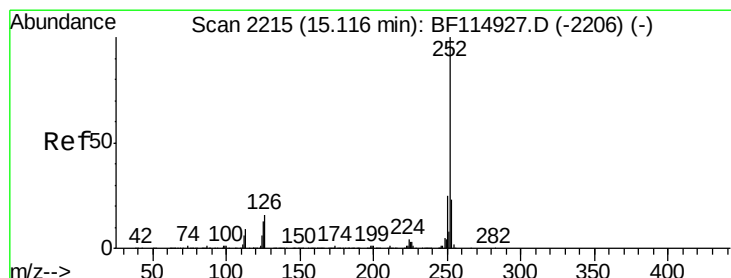
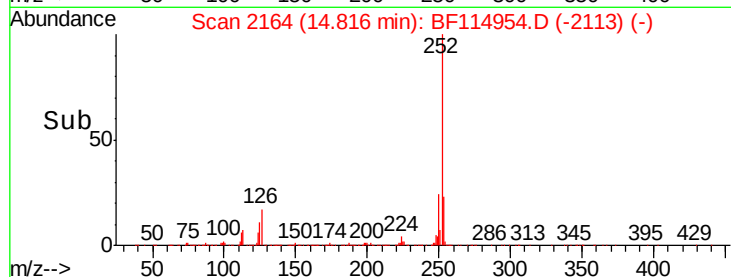
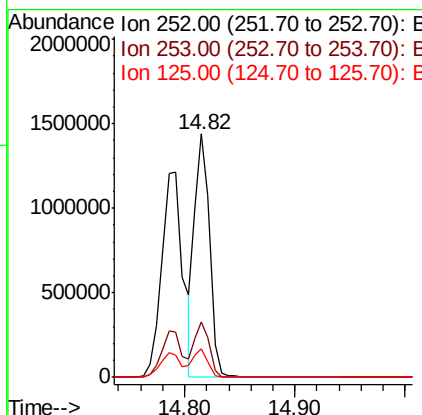
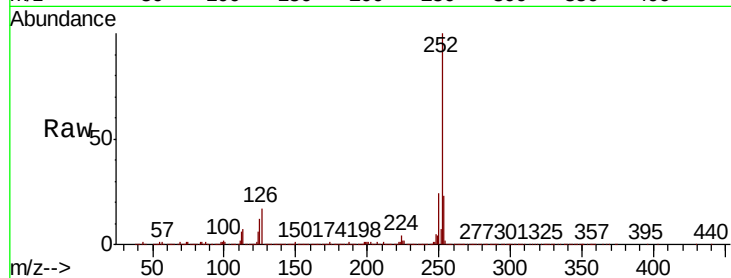
#89
Benzo(k)fluoranthene
Concen: 44.445 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	11.6	9.2	13.8

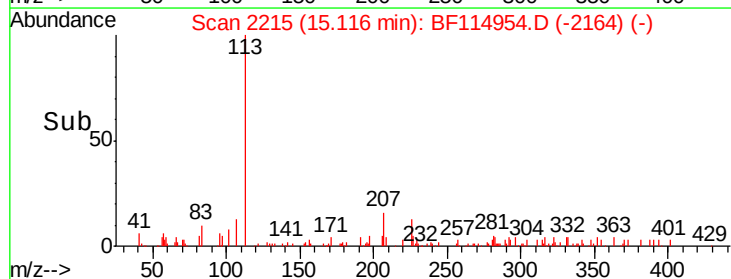
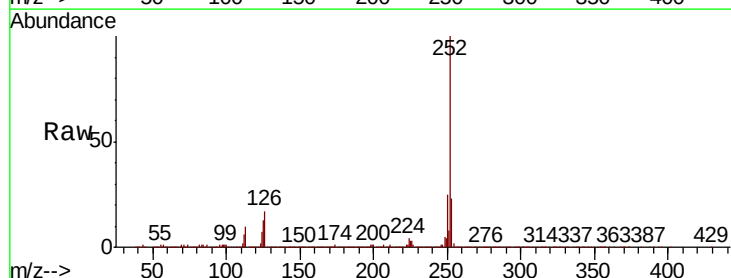
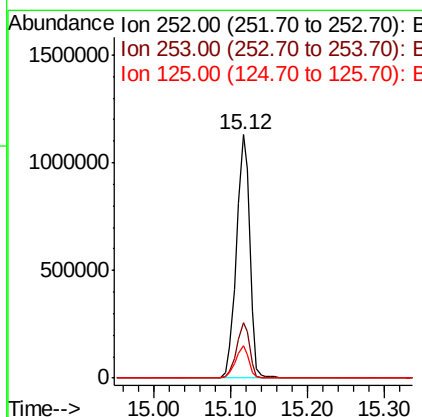
Manual Integrations
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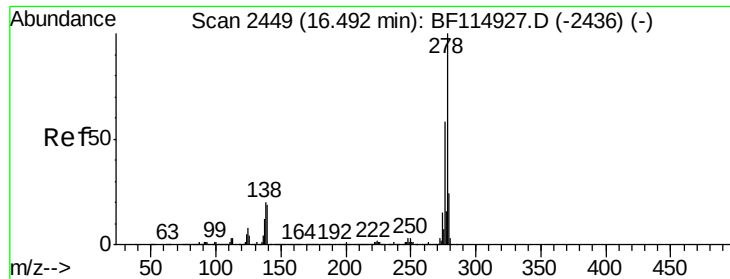
mohammad
6/12/2019 9:09:00 AM



#90
Benzo(a)pyrene
Concen: 45.943 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	13.5	10.1	15.1





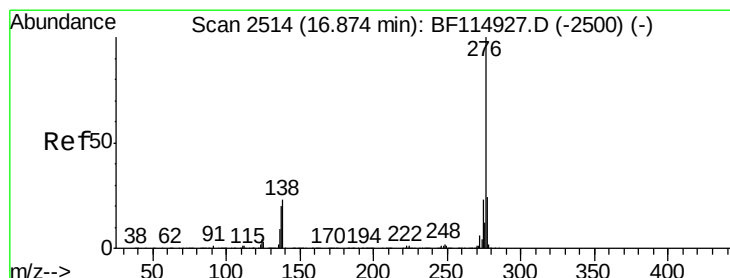
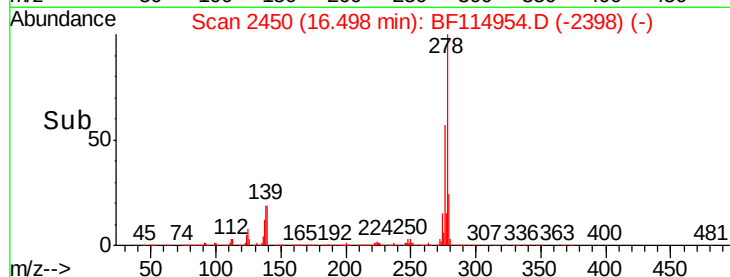
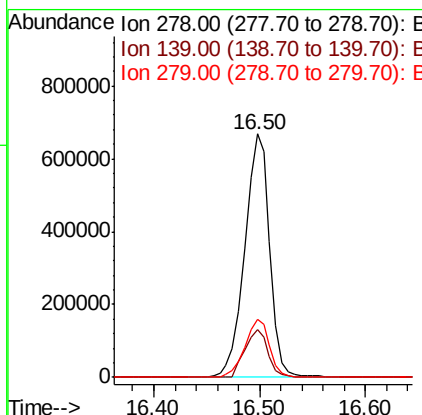
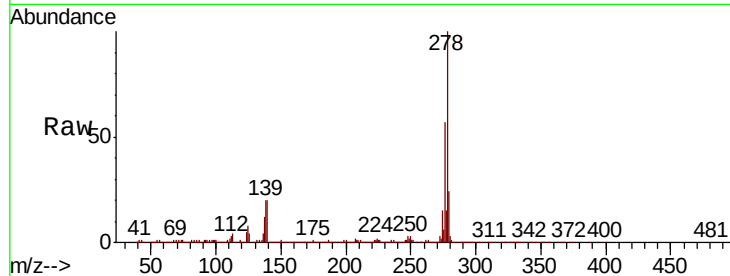
#91
Dibenzo(a,h)anthracene
Concen: 43.167 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.1	22.7
279	23.6	19.6	29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:09:00 AM



#92
Benzo(g,h,i)perylene
Concen: 40.531 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF114954.D
Acq: 11 Jun 2019 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.6
138	24.6	18.7	28.1

