

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114955.D
 Acq On : 11 Jun 2019 20:42
 Operator : HP/JU
 Sample : K3262-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Manual Integrations
 APPROVED

mohammad
 6/12/2019 9:09:02 AM

Quant Time: Jun 12 05:11:17 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	246061	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	943141	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	449737	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	804955	20.00	ng	0.00
76) Chrysene-d12	13.79	240	470830	20.00	ng	0.00
87) Perylene-d12	15.17	264	541121	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1609164	110.68	ng	0.02
7) Phenol-d6	6.32	99	1849912	105.49	ng	0.00
23) Nitrobenzene-d5	7.23	82	1358901	88.53	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	576775	117.89	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2508076	88.51	ng	0.00
79) Terphenyl-d14	12.74	244	2300571	97.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	243584	35.306	ng	# 85
3) Pyridine	3.10	79	598872	31.183	ng	99
4) n-Nitrosodimethylamine	3.02	42	261749	37.945	ng	93
6) Aniline	6.33	93	231607	9.750	ng	# 1
8) 2-Chlorophenol	6.45	128	696581	41.980	ng	95
9) Benzaldehyde	6.20	77	146929	13.090	ng	98
10) Phenol	6.33	94	689738	35.272	ng	# 75
11) bis(2-Chloroethyl)ether	6.40	93	658152	42.230	ng	99
12) 1,3-Dichlorobenzene	6.60	146	759994	39.464	ng	98
13) 1,4-Dichlorobenzene	6.68	146	775911	40.178	ng	100
14) 1,2-Dichlorobenzene	6.83	146	722043	41.193	ng	98
15) Benzyl Alcohol	6.81	79	542974	42.909	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	861546	40.195	ng	95
17) 2-Methylphenol	6.93	107	561229	40.394	ng	98
18) Hexachloroethane	7.17	117	264348	37.144	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	451652	41.186	ng	99
20) 3+4-Methylphenols	7.09	107	672764	43.246	ng	94
22) Acetophenone	7.07	105	966591	45.784	ng	95
24) Nitrobenzene	7.25	77	712390	44.613	ng	96
25) Isophorone	7.49	82	1311002	43.614	ng	98
26) 2-Nitrophenol	7.56	139	395348	44.564	ng	99
27) 2,4-Dimethylphenol	7.61	122	622070	47.919	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	837117	43.535	ng	99
29) 2,4-Dichlorophenol	7.81	162	610811	44.930	ng	99
30) 1,2,4-Trichlorobenzene	7.89	180	678713	43.502	ng	99
31) Naphthalene	7.96	128	2056149	47.314	ng	99
32) Benzoic acid	7.73	122	288203	29.721	ng	98
33) 4-Chloroaniline	8.02	127	145782	7.109	ng	97
34) Hexachlorobutadiene	8.09	225	370606	42.351	ng	98
35) Caprolactam	8.39	113	151215m	33.020	ng	
36) 4-Chloro-3-methylphenol	8.51	107	625945	45.332	ng	98
37) 2-Methylnaphthalene	8.66	142	1389521	47.053	ng	99
38) 1-Methylnaphthalene	8.76	142	1310593	46.924	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	621755	48.084	ng	99

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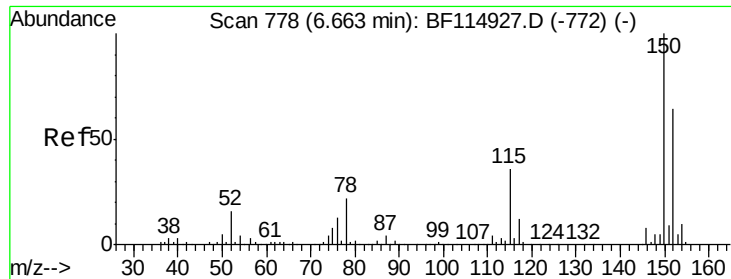
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	254844	34.672	ng	99
43) 2,4,6-Trichlorophenol	8.94	196	443414	45.160	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	473934	46.813	ng	99
46) 1,1'-Biphenyl	9.12	154	1637153	48.657	ng	99
47) 2-Chloronaphthalene	9.14	162	1294023	45.559	ng	98
48) 2-Nitroaniline	9.24	65	380354	43.993	ng	98
49) Acenaphthylene	9.56	152	1991714	47.585	ng	98
50) Dimethylphthalate	9.42	163	1573758	46.558	ng	100
51) 2,6-Dinitrotoluene	9.48	165	356125	45.870	ng	97
52) Acenaphthene	9.73	154	1157795	45.659	ng	99
53) 3-Nitroaniline	9.64	138	159471	17.105	ng	100
54) 2,4-Dinitrophenol	9.76	184	145068	37.753	ng	90
55) Dibenzofuran	9.90	168	1725365	47.666	ng	97
56) 4-Nitrophenol	9.82	139	492651	74.145	ng	91
57) 2,4-Dinitrotoluene	9.89	165	452481	46.108	ng	95
58) Fluorene	10.24	166	1232862	44.184	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	371091	45.341	ng	99
60) Diethylphthalate	10.12	149	1524890	46.416	ng	99
61) 4-Chlorophenyl-phenylether	10.23	204	619421	44.343	ng	99
62) 4-Nitroaniline	10.26	138	342537	35.851	ng	100
63) Azobenzene	10.39	77	1298608	45.414	ng	98
65) 4,6-Dinitro-2-methylphenol	10.29	198	105188	23.302	ng	95
66) n-Nitrosodiphenylamine	10.35	169	1205579	50.411	ng	100
67) 4-Bromophenyl-phenylether	10.72	248	407677	46.757	ng	100
68) Hexachlorobenzene	10.79	284	424375	44.075	ng	98
69) Atrazine	10.88	200	386691	47.987	ng	99
70) Pentachlorophenol	10.98	266	408897	75.732	ng	99
71) Phenanthrene	11.19	178	1818679	46.568	ng	98
72) Anthracene	11.24	178	1866684	47.091	ng	99
73) Carbazole	11.40	167	1668926	46.244	ng	99
74) Di-n-butylphthalate	11.74	149	2180654	48.891	ng	99
75) Fluoranthene	12.37	202	1731669	42.868	ng	96
77) Benzidine	12.49	184	169815	8.241	ng	97
78) Pyrene	12.60	202	1720170	41.950	ng	97
80) Butylbenzylphthalate	13.22	149	860179	42.580	ng	99
81) Benzo(a)anthracene	13.78	228	1493706	42.906	ng	99
82) 3,3'-Dichlorobenzidine	13.74	252	389059	27.378	ng	98
83) Chrysene	13.82	228	1554158	44.456	ng	98
84) Bis(2-ethylhexyl)phthalate	13.79	149	1091941	46.153	ng	99
85) Di-n-octyl phthalate	14.39	149	1983698	45.899	ng	99
86) Indeno(1,2,3-cd)pyrene	16.49	276	1363633	41.491	ng	99
88) Benzo(b)fluoranthene	14.79	252	1716039	48.711	ng	99
89) Benzo(k)fluoranthene	14.82	252	1368591	44.764	ng	99
90) Benzo(a)pyrene	15.12	252	1457500	47.632	ng	99
91) Dibenzo(a,h)anthracene	16.50	278	1166286	45.123	ng	100
92) Benzo(g,h,i)perylene	16.87	276	1086179	42.159	ng	98

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



#1

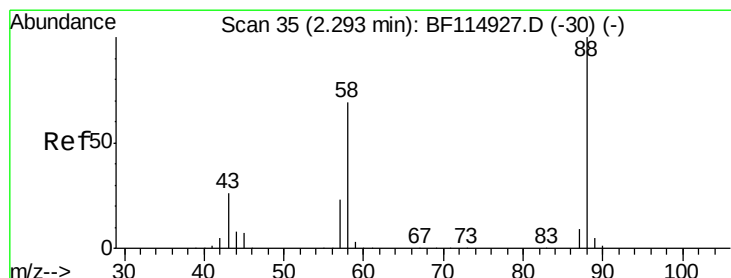
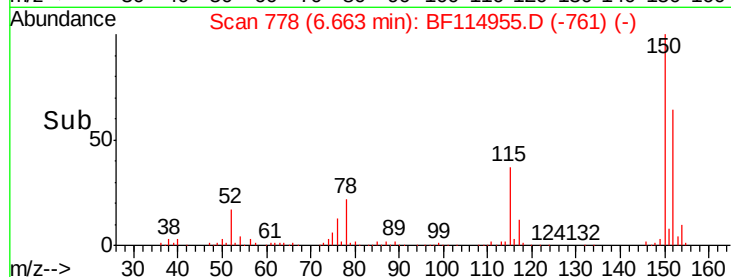
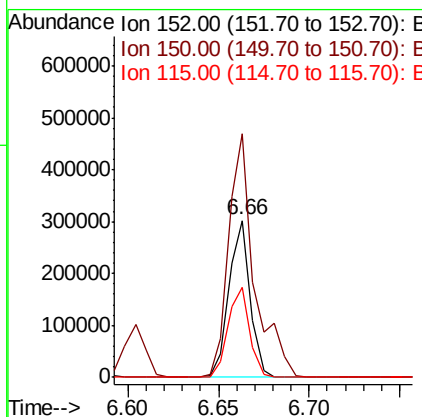
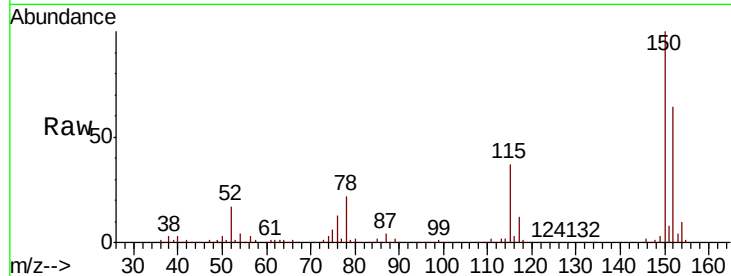
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	57.0	45.0	67.4

Manual Integrations
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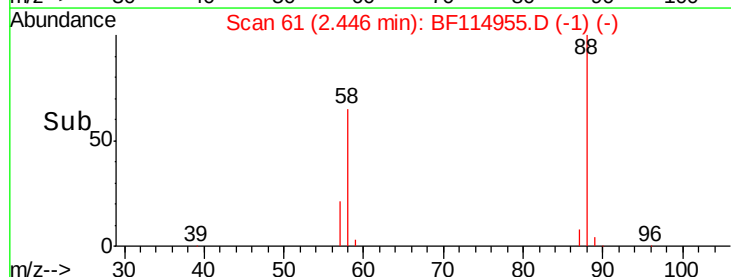
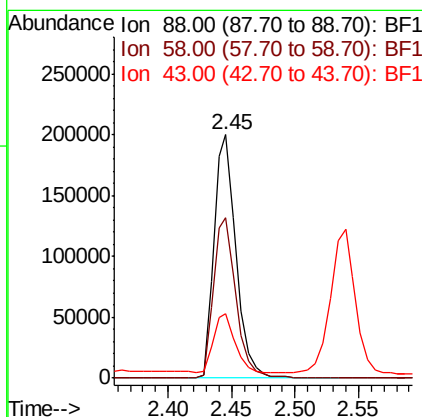
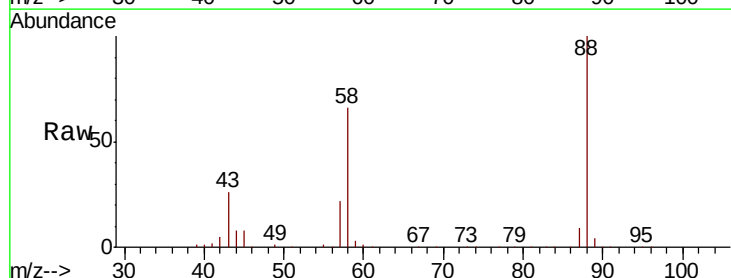
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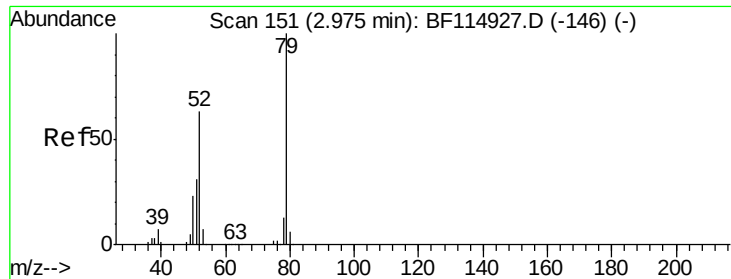


#2

1,4-Dioxane
Concen: 35.306 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.15 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	54.2	81.2
43	0.0	20.6	30.8





#3

Pvridine

Concen: 31.183 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.13 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

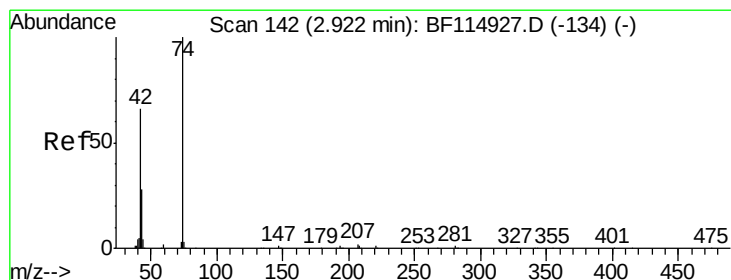
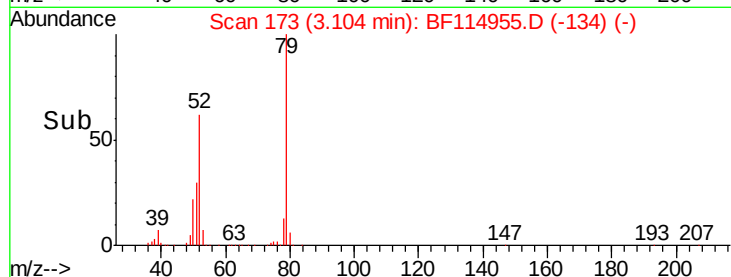
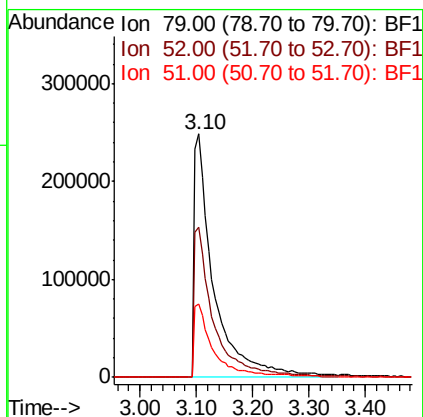
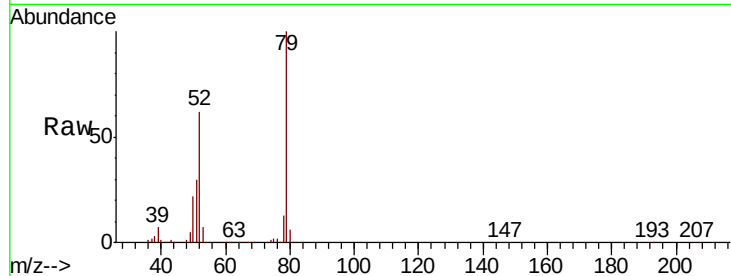
ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:	79	Resp:	598872
Ion Ratio	Lower	Upper	
79	100		
52	61.8	50.2	75.2
51	29.9	24.6	37.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.945 ng

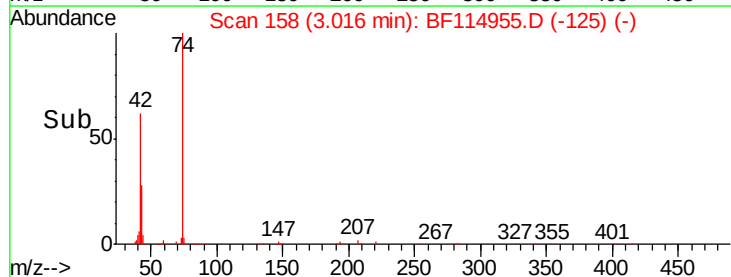
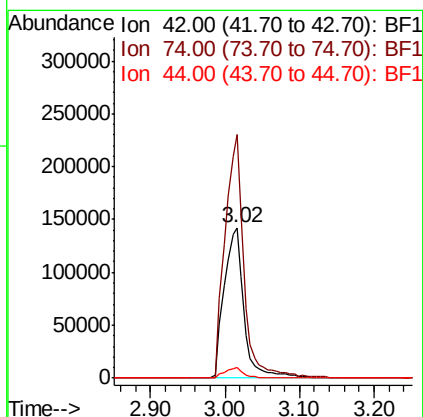
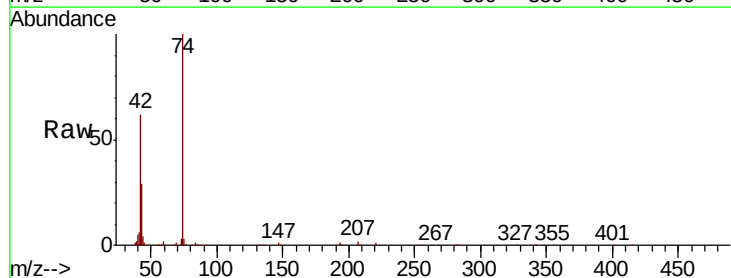
RT: 3.02 min Scan# 158

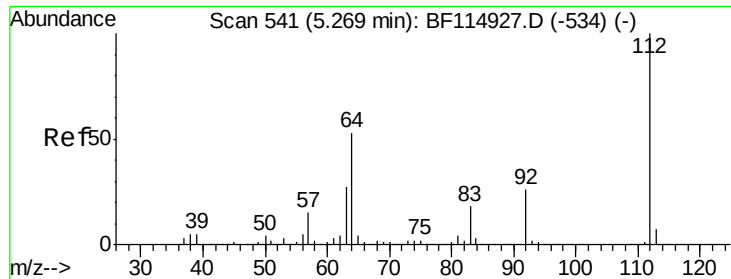
Delta R.T. 0.09 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion:	42	Resp:	261749
Ion Ratio	Lower	Upper	
42	100		
74	161.5	121.9	182.9
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 110.679 ng

RT: 5.29 min Scan# 545

Delta R.T. 0.02 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:112 Resp: 1609164

Ion Ratio Lower Upper

112 100

64 50.1 42.1 63.1

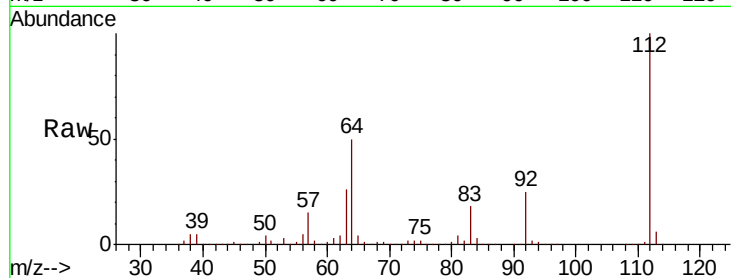
63 25.7 21.8 32.8

Manual Integrations

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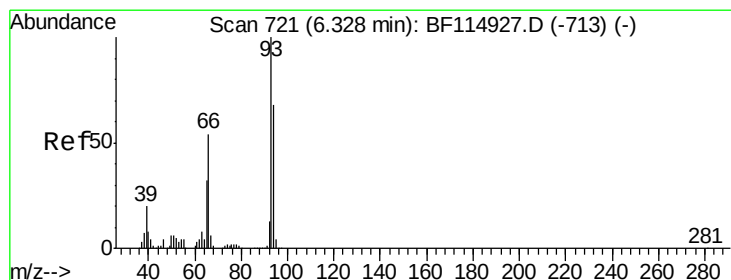
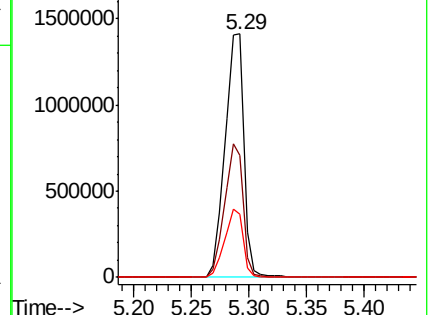
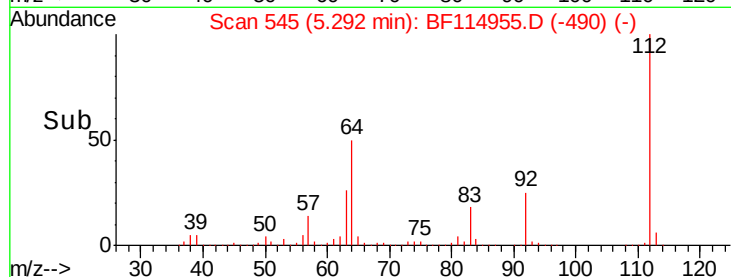
6/12/2019 9:09:02 AM



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: 9.750 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

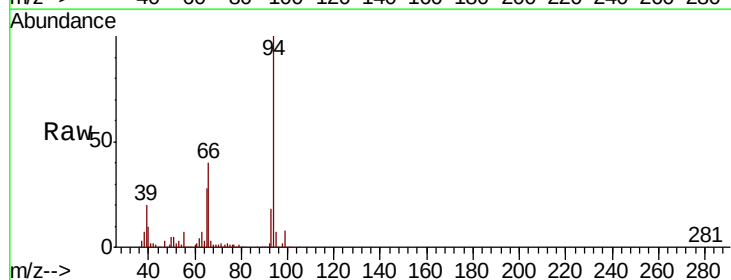
Tgt Ion: 93 Resp: 231607

Ion Ratio Lower Upper

93 100

66 217.6 43.6 65.4#

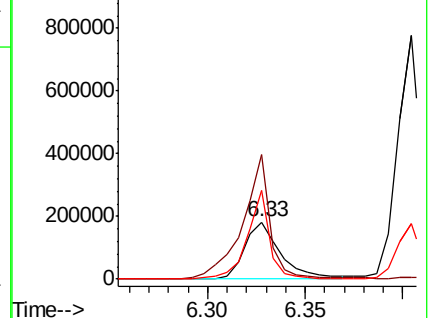
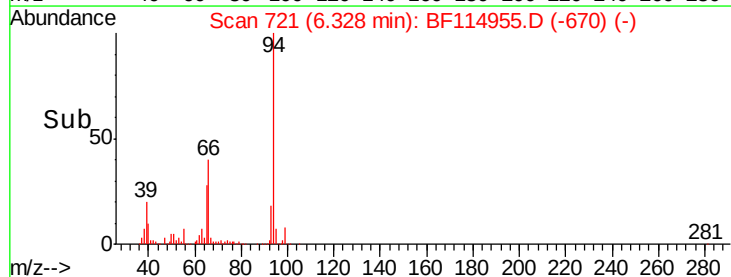
65 154.1 25.7 38.5#

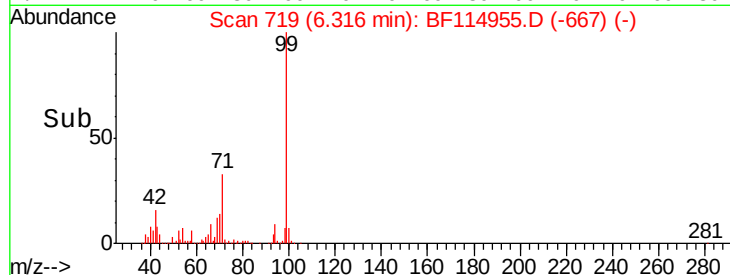
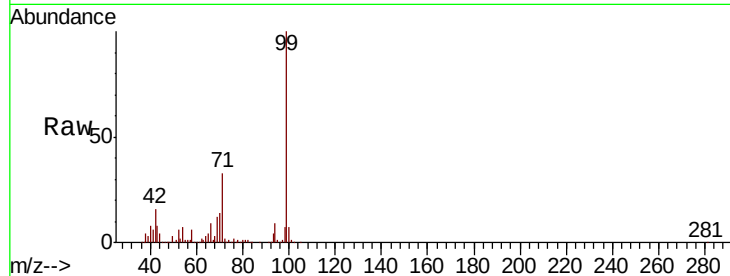
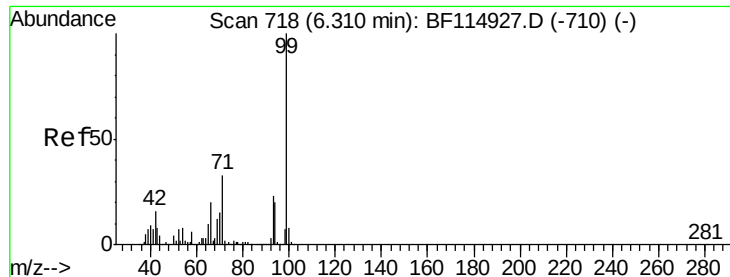


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.487 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tot Ion:	99	Resp:	1849912
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.1	19.7
71	32.9	26.8	40.2

Instrument :

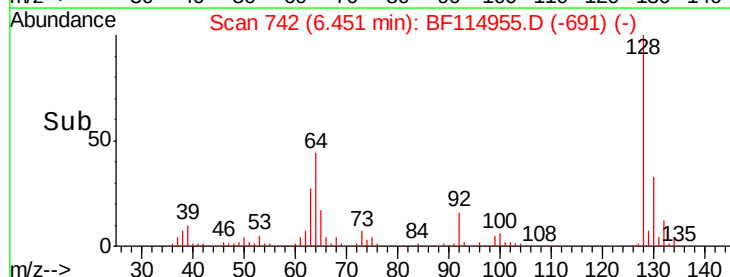
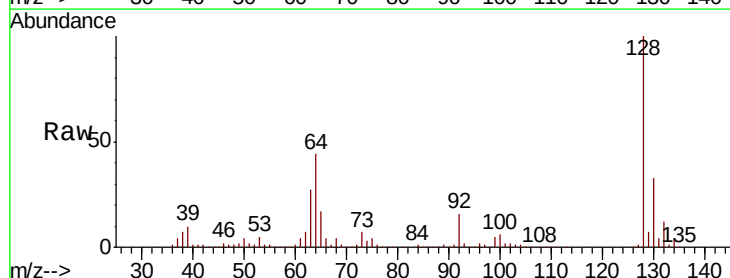
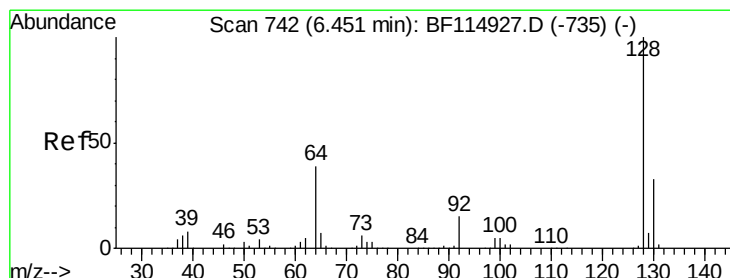
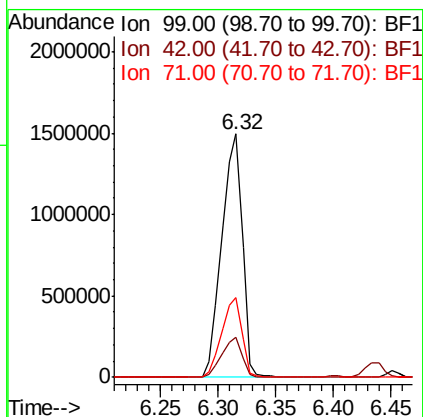
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 41.980 ng

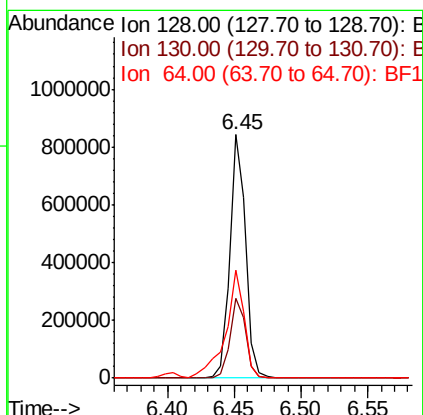
RT: 6.45 min Scan# 742

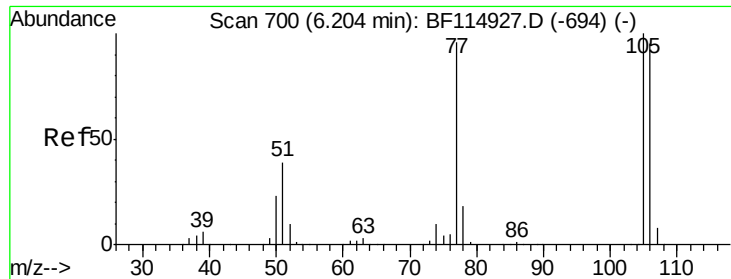
Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion:	128	Resp:	696581
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.3	53.3
64	44.4	19.5	59.5





#9

Benzaldehyde

Concen: 13.090 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion: 77 Resp: 146929

Ion Ratio Lower Upper

77 100

105 101.2 84.5 124.5

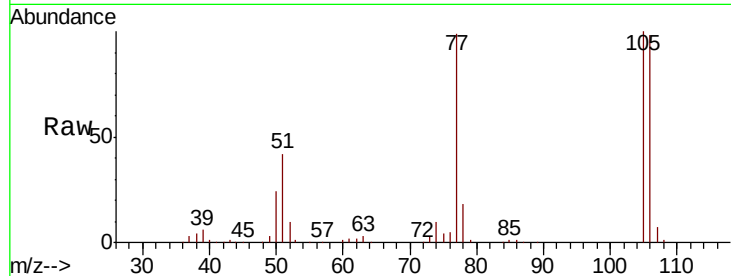
106 99.4 79.2 119.2

Manual Integrations

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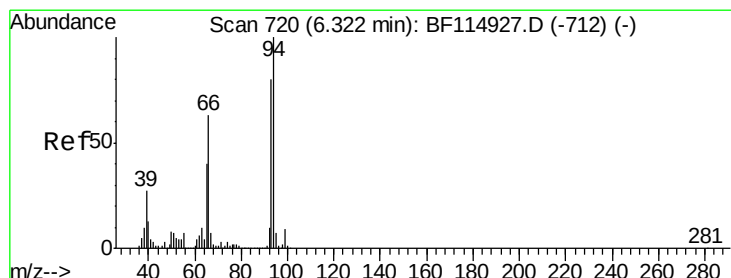
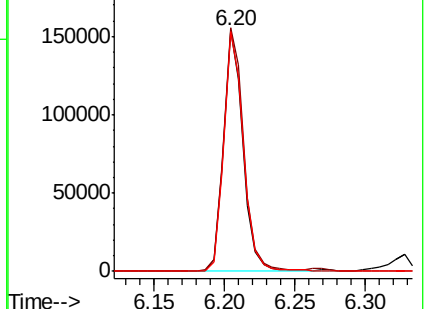
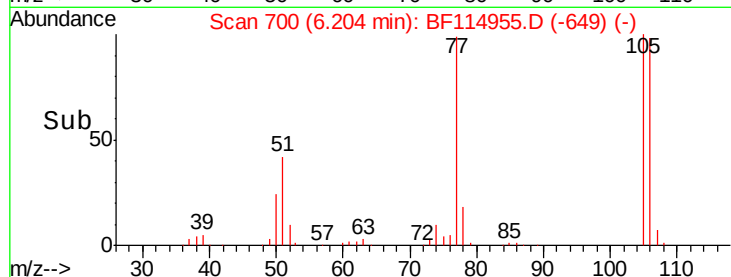
6/12/2019 9:09:02 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.272 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

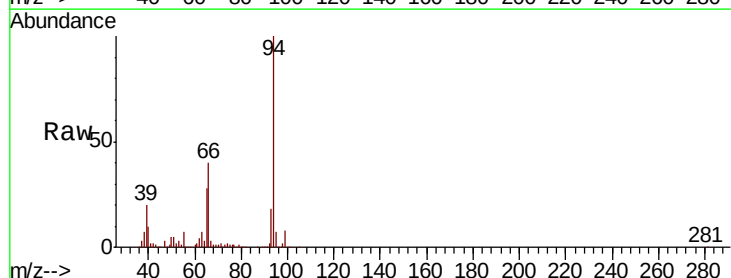
Tgt Ion: 94 Resp: 689738

Ion Ratio Lower Upper

94 100

65 28.1 19.6 59.6

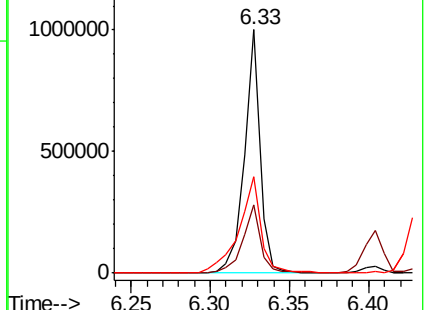
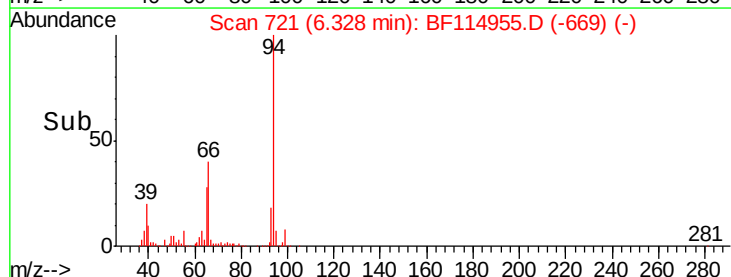
66 39.6 42.6 82.6#

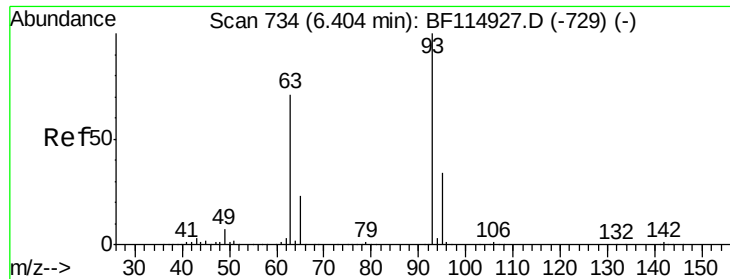


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.230 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

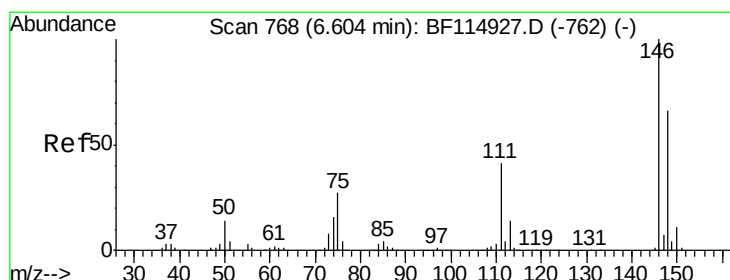
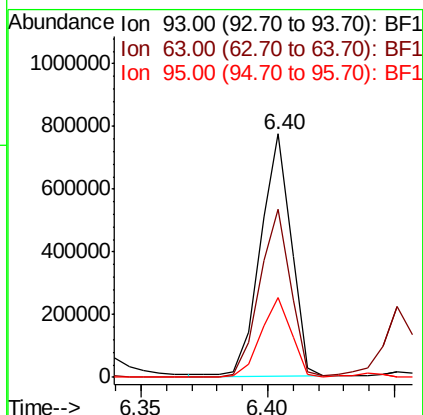
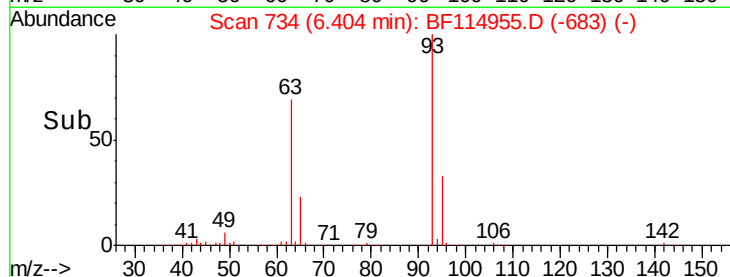
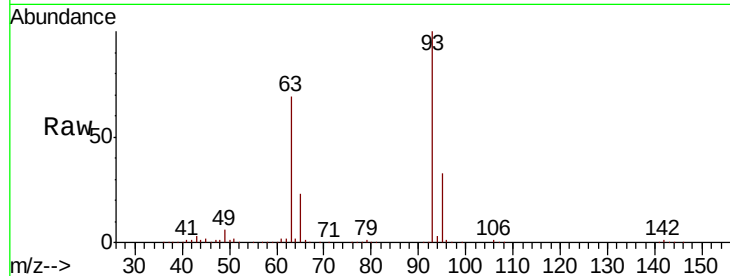
ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:	93	Resp:	658152
Ion Ratio	Lower	Upper	
93	100		
63	69.3	50.5	90.5
95	32.8	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 39.464 ng

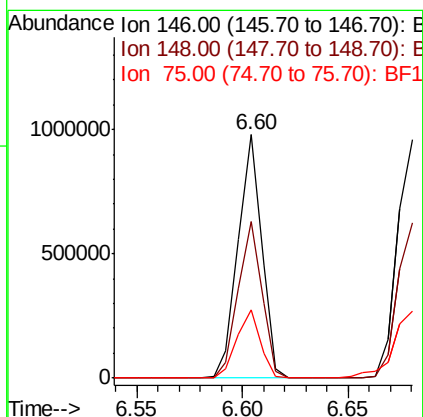
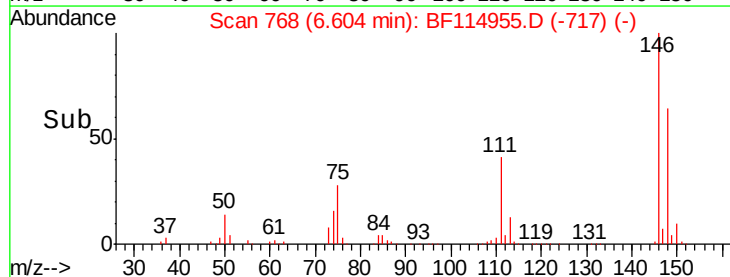
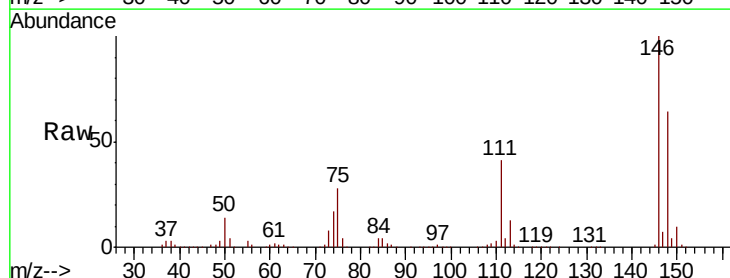
RT: 6.60 min Scan# 768

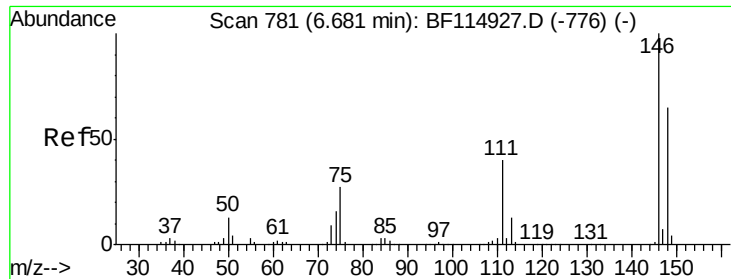
Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion:	146	Resp:	759994
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.6	78.8
75	28.0	21.9	32.9





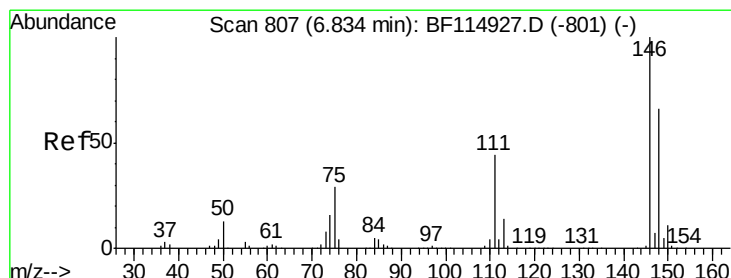
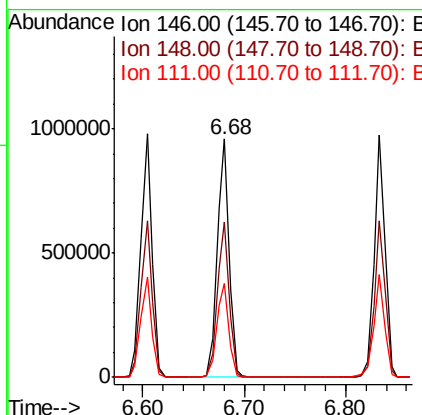
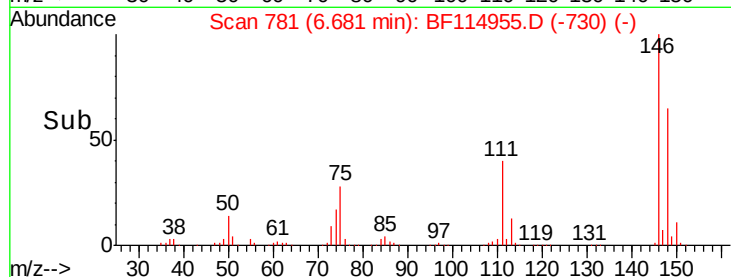
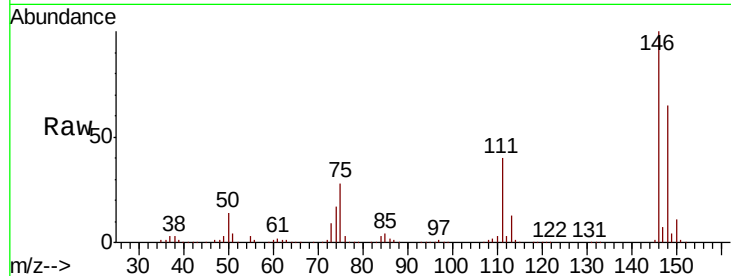
#13
1,4-Dichlorobenzene
Concen: 40.178 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.3	78.5
111	39.6	31.8	47.8

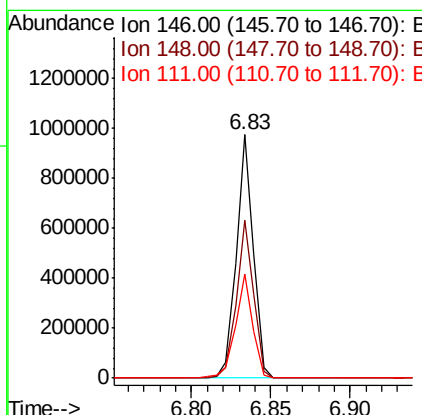
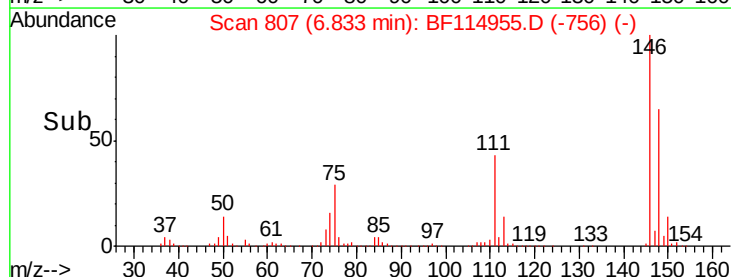
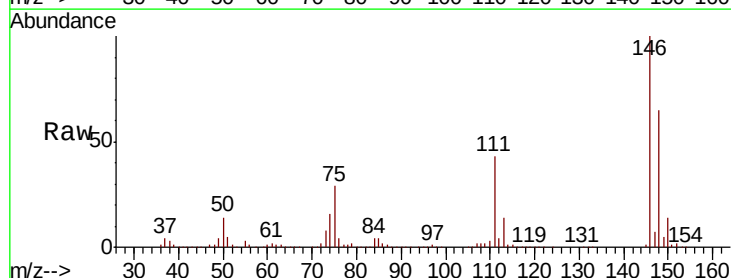
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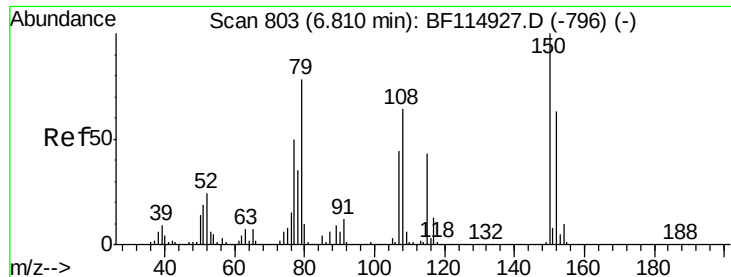
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.193 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.7	79.1
111	42.6	35.4	53.2





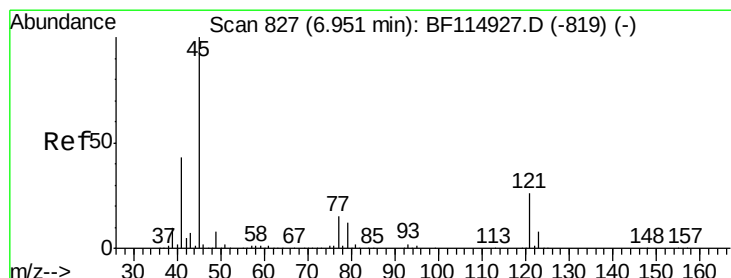
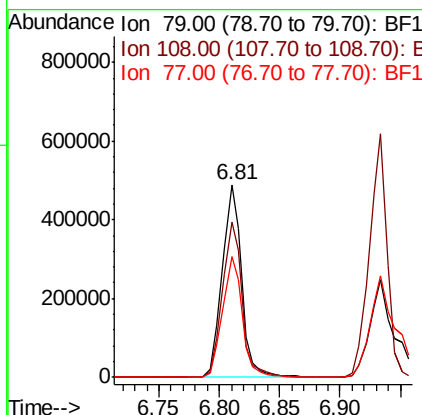
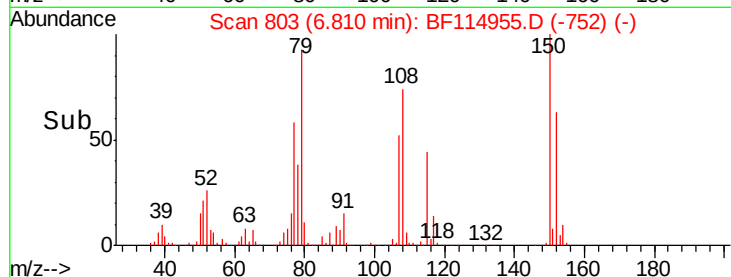
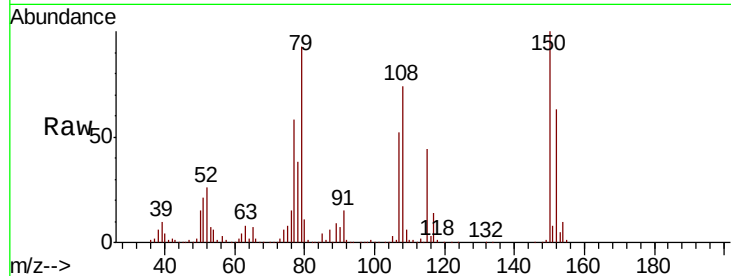
#15
Benzyl Alcohol
Concen: 42.909 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.3	65.5	98.3
77	62.7	51.3	76.9

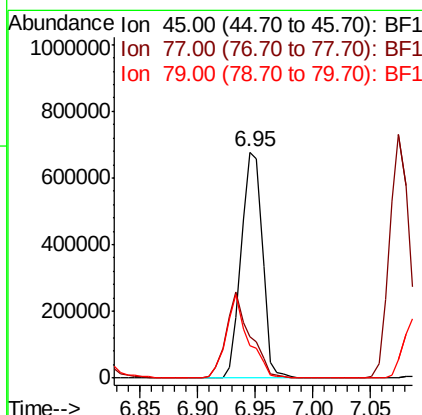
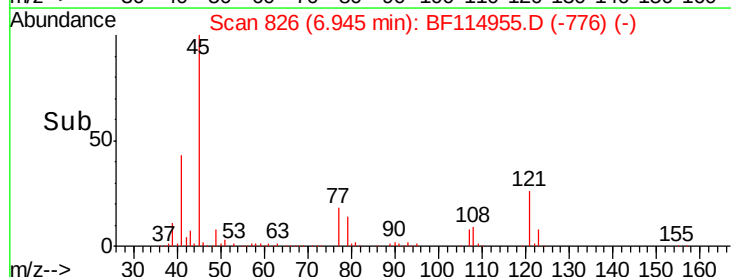
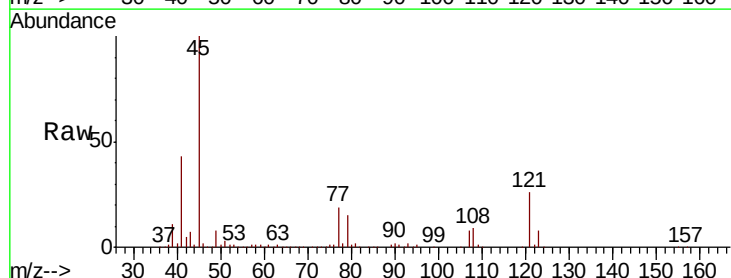
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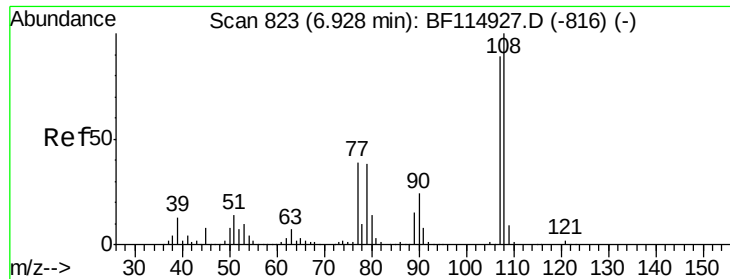
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.195 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.6	0.0	36.2
79	14.5	0.0	32.7





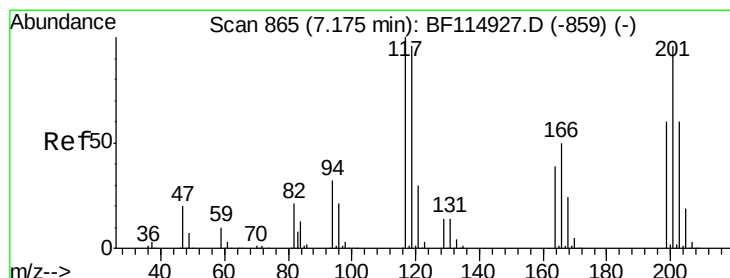
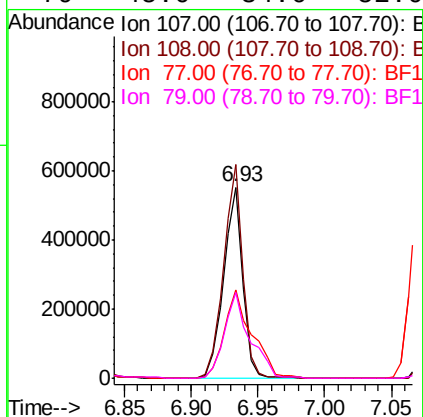
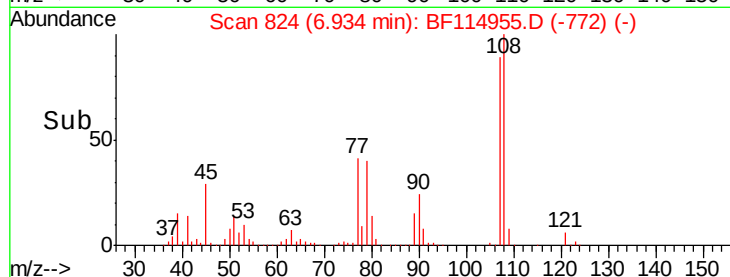
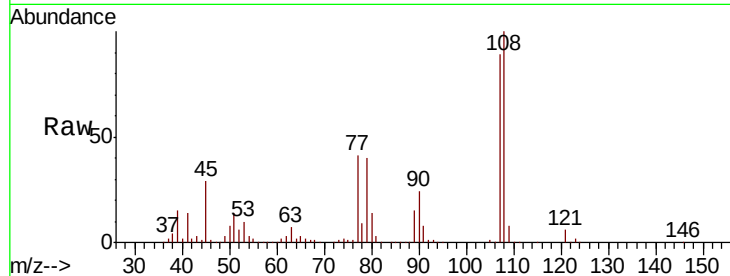
#17
2-Methylphenol
Concen: 40.394 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.2	135.2
77	46.4	35.4	53.0
79	45.0	34.6	52.0

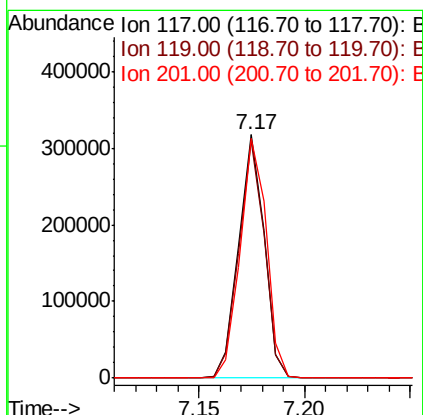
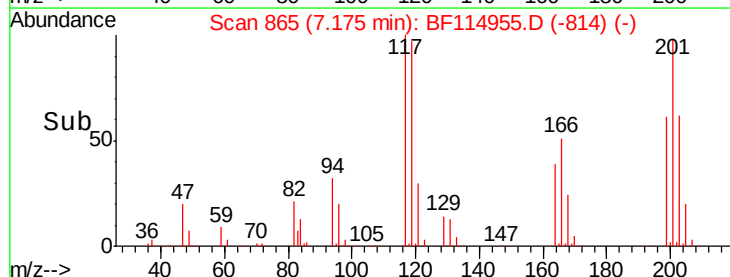
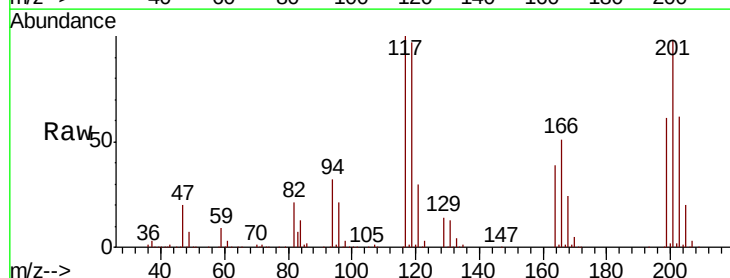
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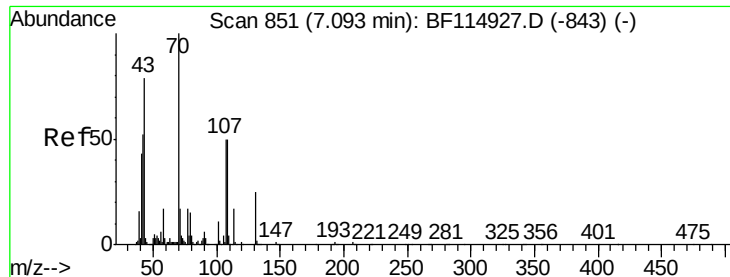
mohammad
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#18
Hexachloroethane
Concen: 37.144 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.6	114.8
201	98.4	77.0	115.6





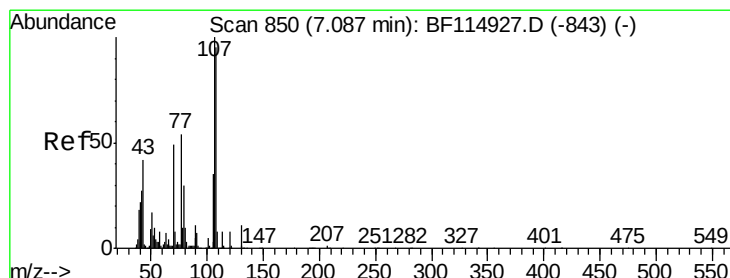
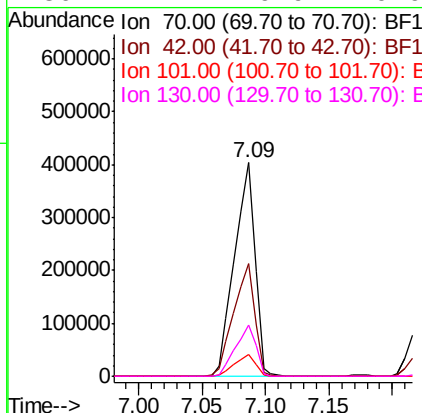
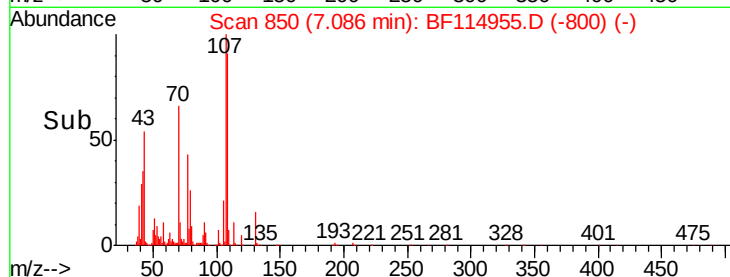
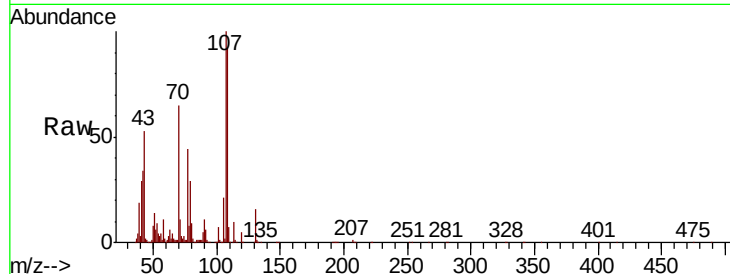
#19
n-Nitroso-di-n-propylamine
Concen: 41.186 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.7	41.7	62.5	
101	10.4	8.4	12.6	
130	24.1	19.9	29.9	

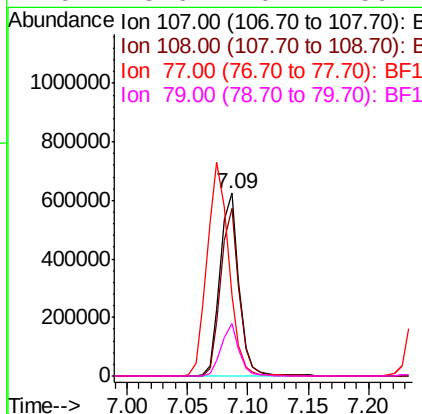
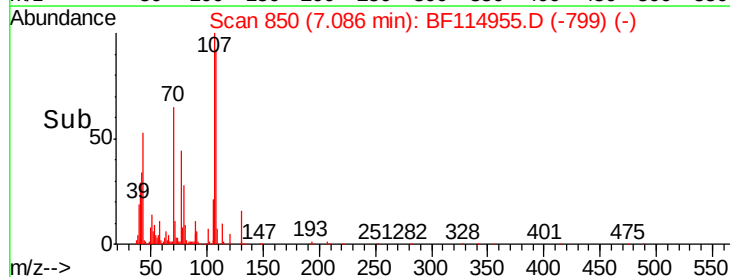
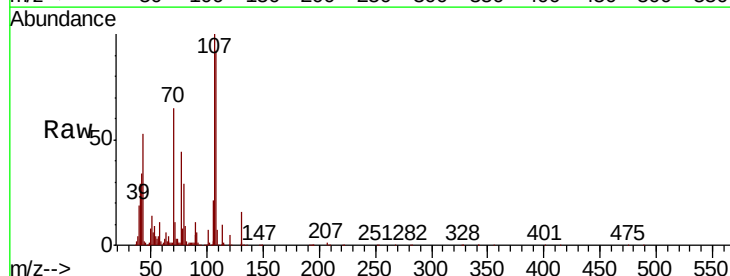
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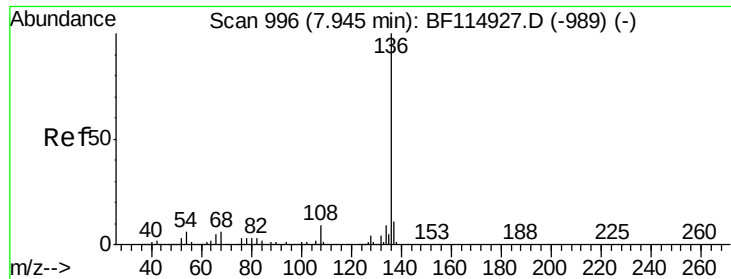
mohammad
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#20
3+4-Methylphenols
Concen: 43.246 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.5	74.7	114.7	
77	43.9	33.7	73.7	
79	28.6	10.2	50.2	





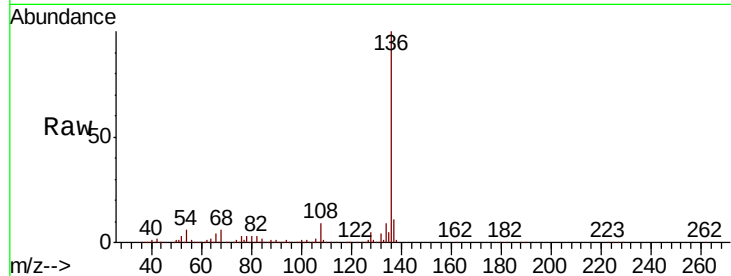
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	943141		
137	11.3	9.0	13.6	
54	6.4	5.2	7.8	
68	5.5	4.6	7.0	

Manual Integrations
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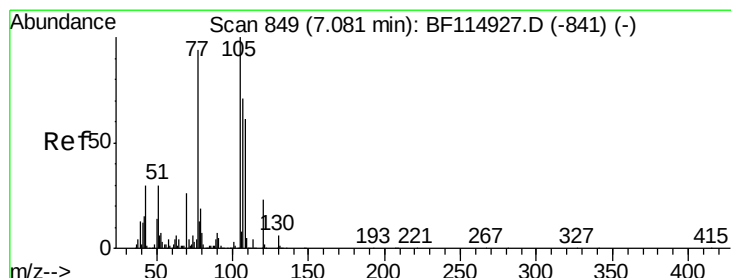
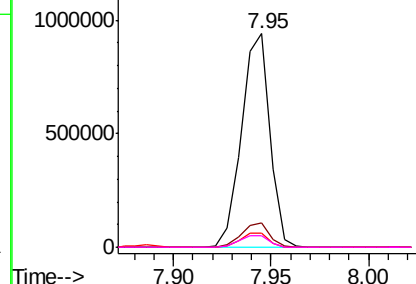
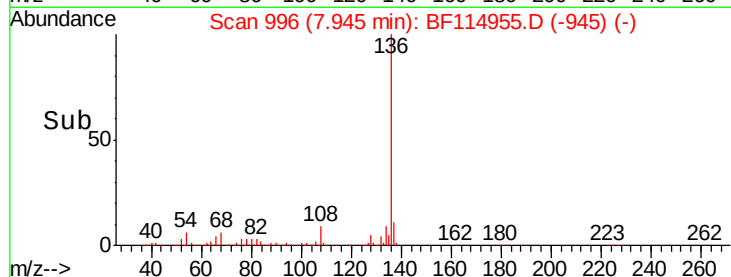
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

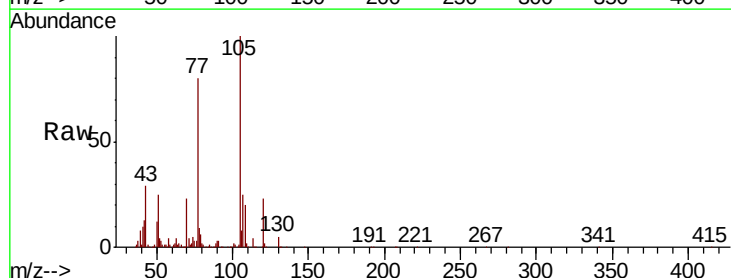
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 45.784 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	966591		
71	4.0	3.4	5.2	
51	25.3	24.0	36.0	
120	22.9	18.8	28.2	



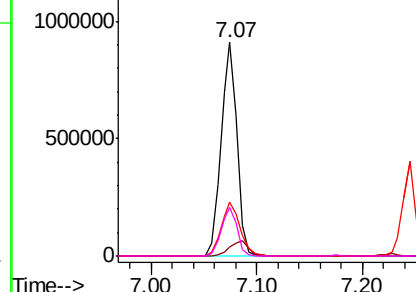
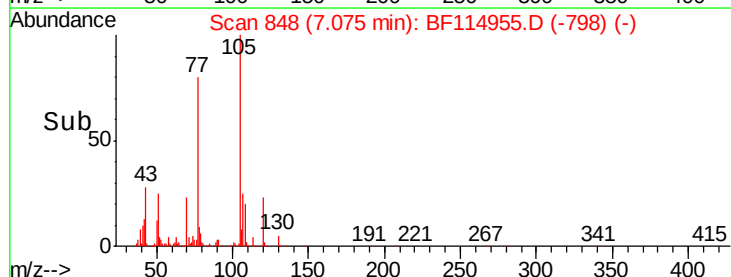
Abundance

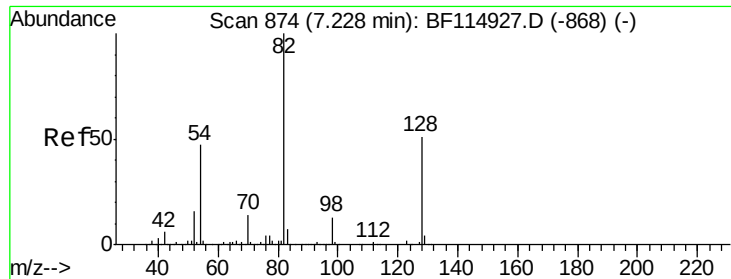
Ion 105.00 (104.70 to 105.70): E

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





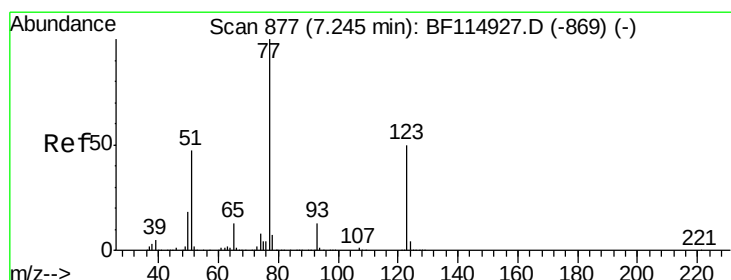
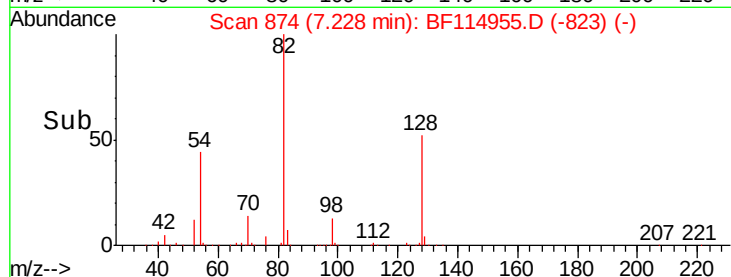
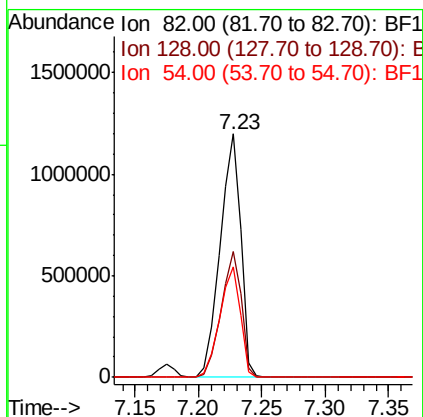
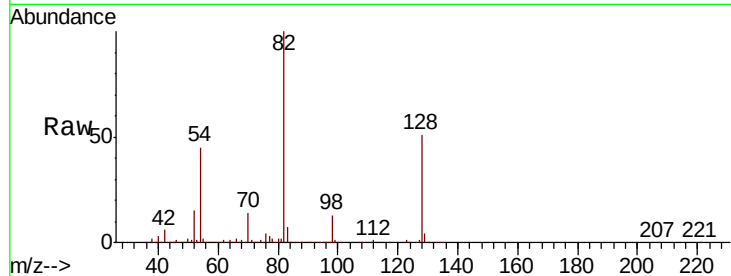
#23
 Nitrobenzene-d5
 Concen: 88.527 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	82	Resp	1358901
Ion Ratio	100	Lower	Upper
82	100		
128	51.5	40.9	61.3
54	45.4	37.4	56.0

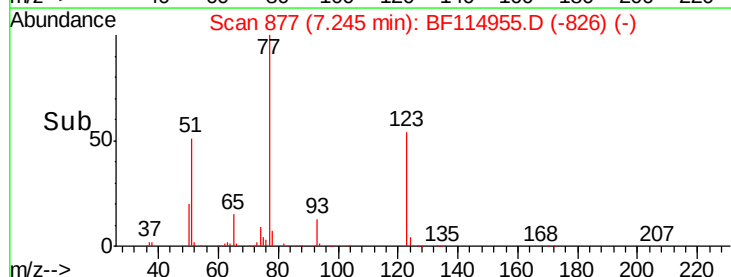
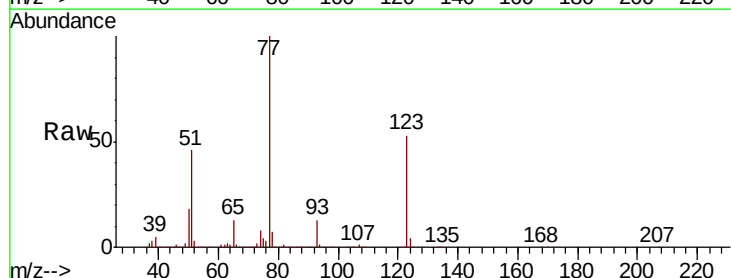
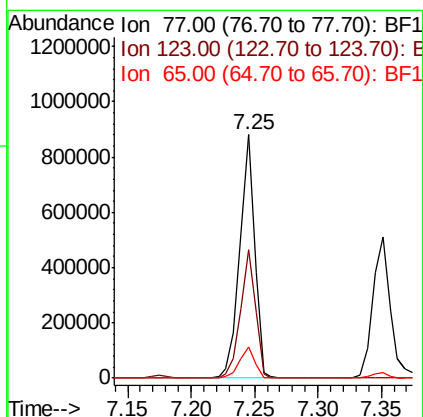
Manual Integrations
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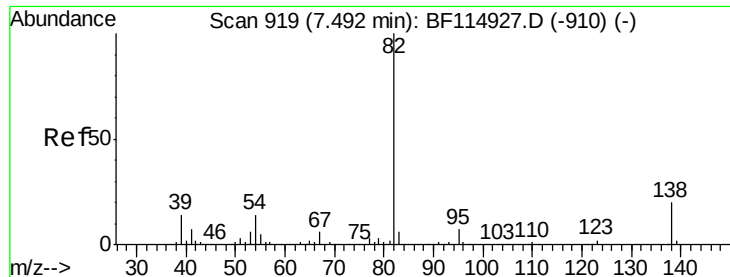
mohammad
 6/12/2019 9:09:02 AM



#24
 Nitrobenzene
 Concen: 44.613 ng
 RT: 7.25 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	77	Resp	712390
Ion Ratio	100	Lower	Upper
77	100		
123	52.8	39.8	59.6
65	12.9	10.7	16.1





#25

Isophorone

Concen: 43.614 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion: 82 Resp: 1311002

Ion Ratio Lower Upper

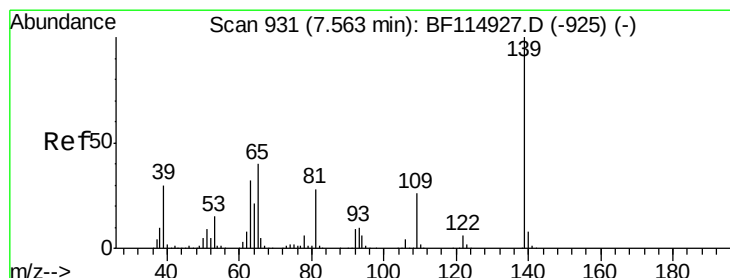
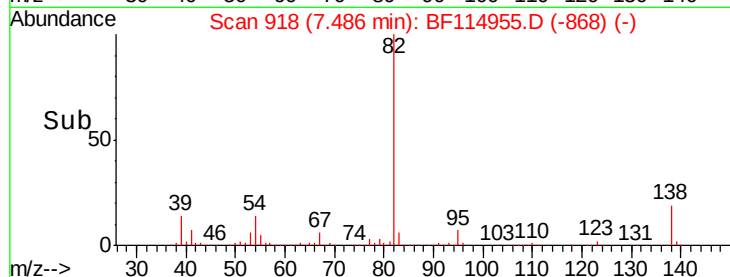
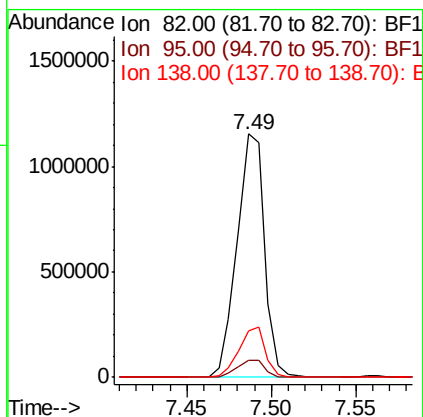
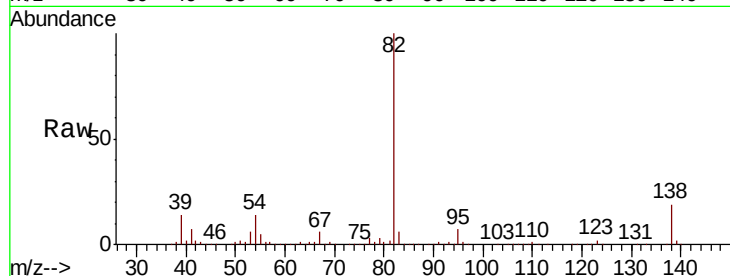
82 100

95 7.0 5.7 8.5

138 19.0 16.4 24.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.564 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

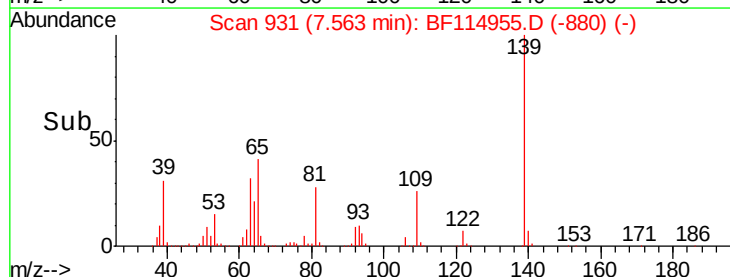
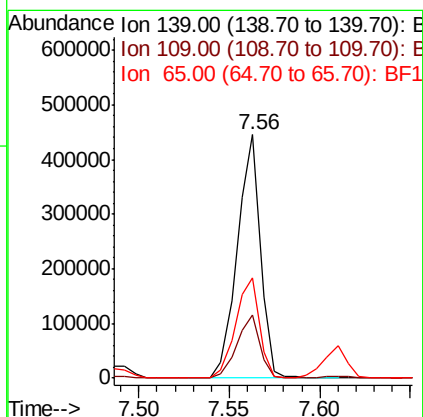
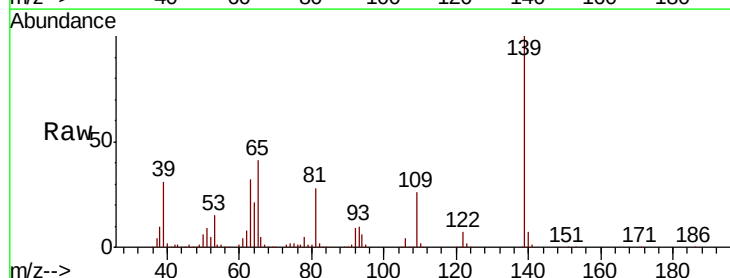
Tgt Ion: 139 Resp: 395348

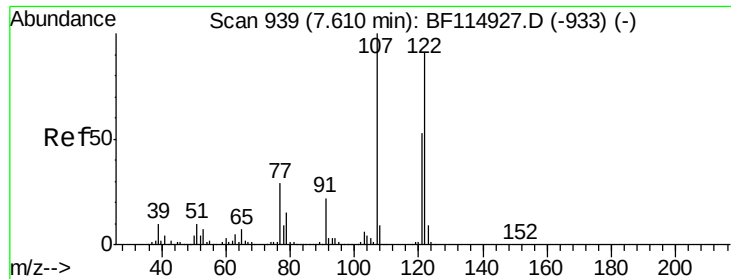
Ion Ratio Lower Upper

139 100

109 26.0 20.6 30.8

65 41.3 32.2 48.2





#27

2,4-Dimethylphenol

Concen: 47.919 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

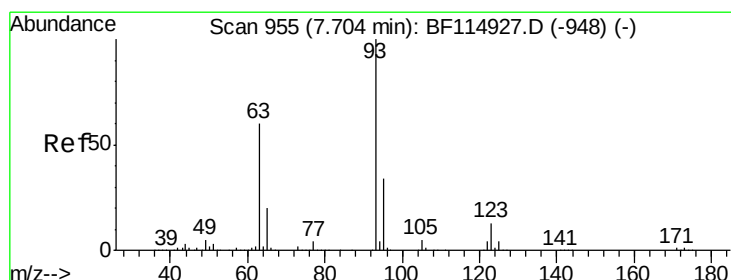
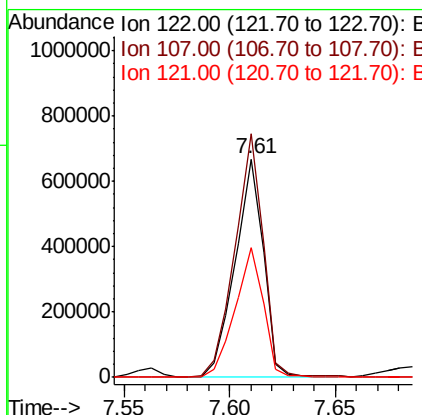
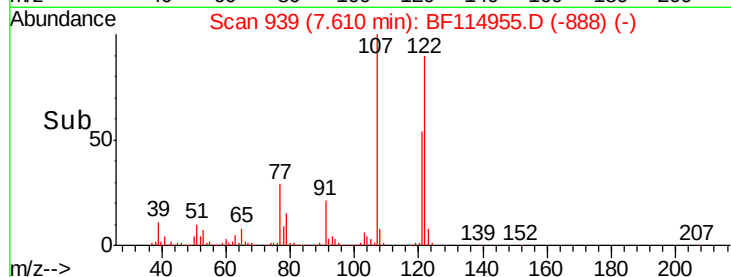
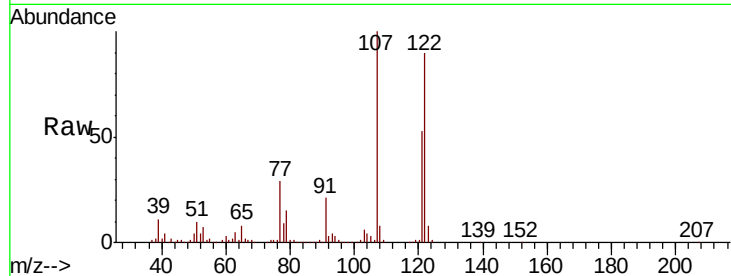
ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:	122	Resp:	622070
Ion	Ratio	Lower	Upper
122	100		
107	111.6	88.0	132.0
121	59.7	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 43.535 ng

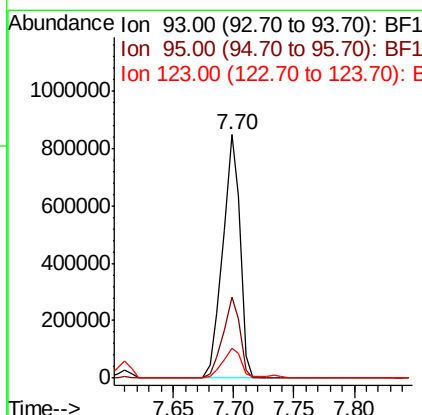
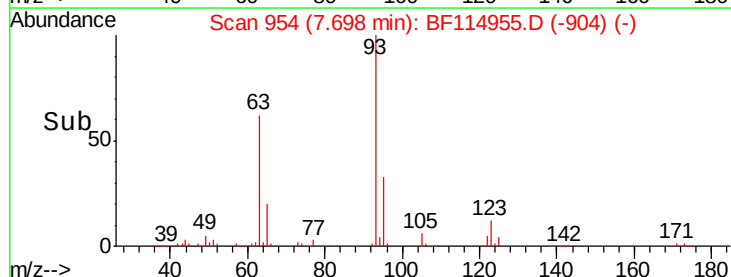
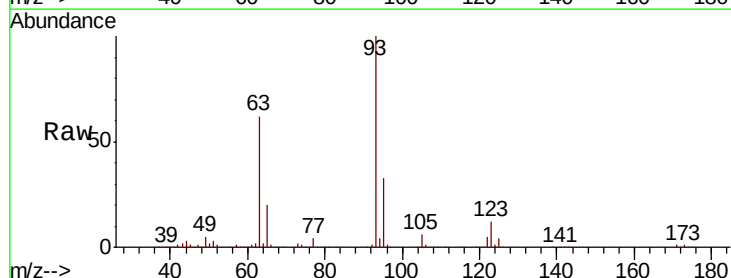
RT: 7.70 min Scan# 954

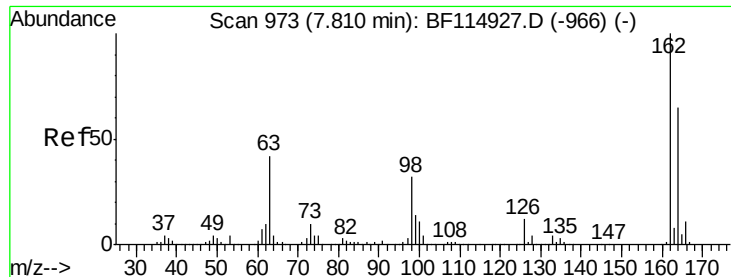
Delta R.T. -0.01 min

Lab File: BF114955.D

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Tgt Ion:	93	Resp:	837117
Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.0	40.4
123	12.0	10.3	15.5





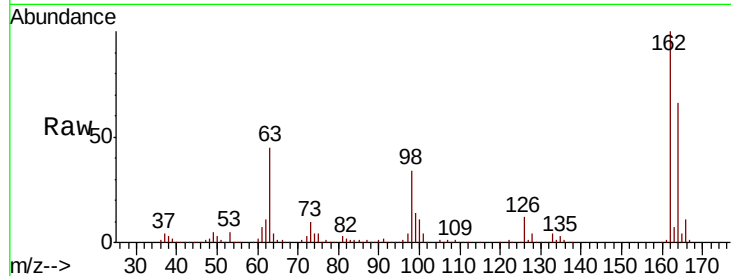
#29
 2,4-Dichlorophenol
 Concen: 44.930 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	45.4	85.4
98	33.7	12.5	52.5

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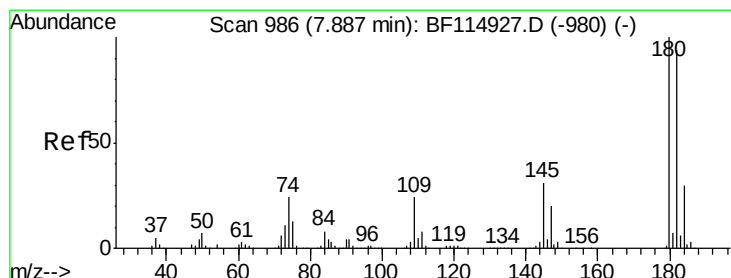
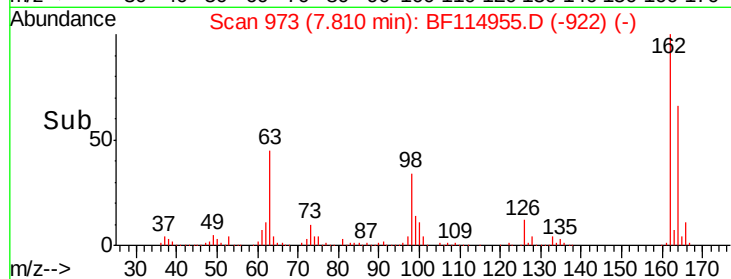
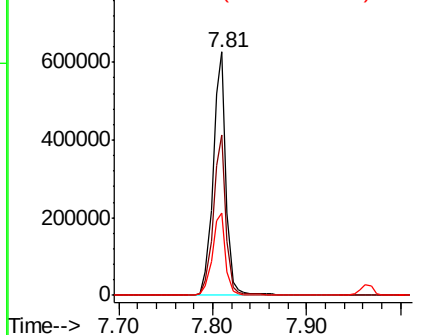


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 43.502 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

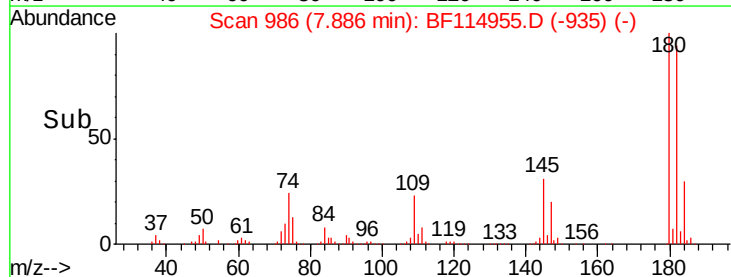
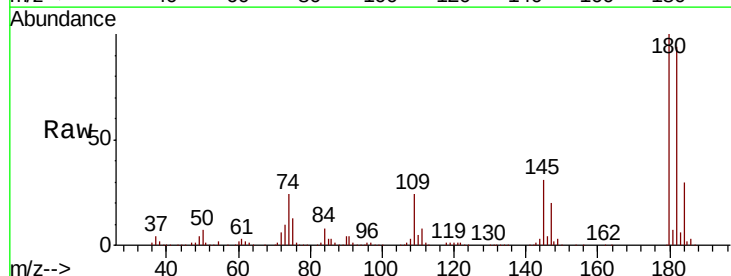
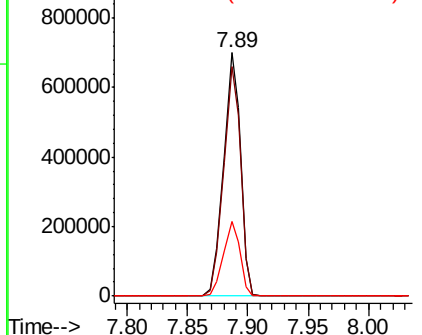
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.6
145	30.7	25.1	37.7

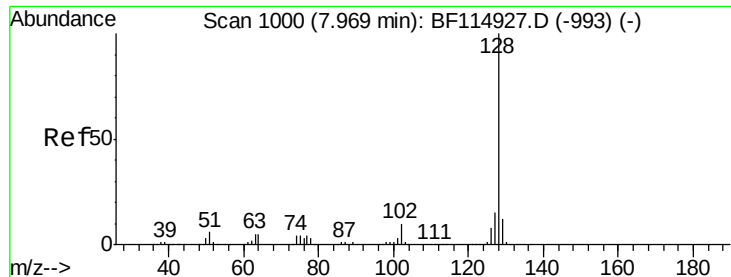
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





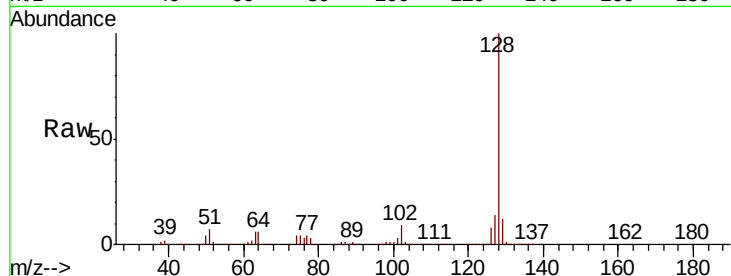
#31
Naphthalene
Concen: 47.314 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

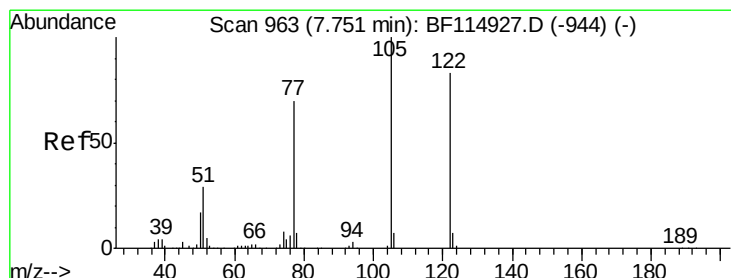
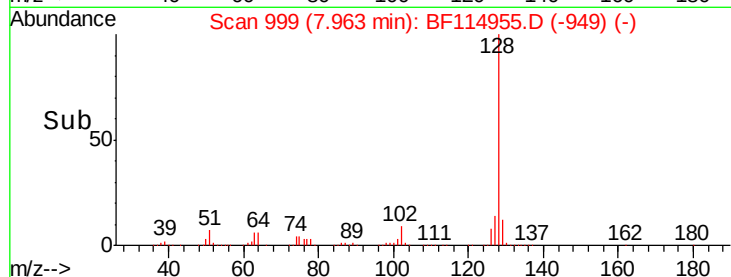
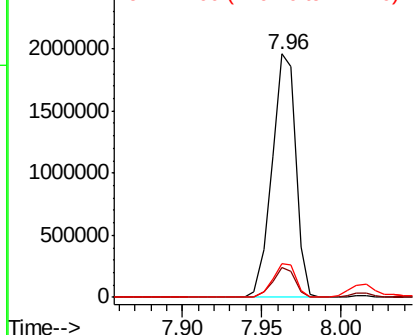
Tot Ion:128 Resp: 2056149
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.8
127 14.1 11.8 17.6

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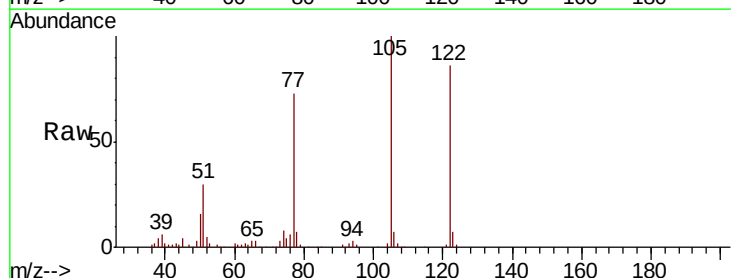


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

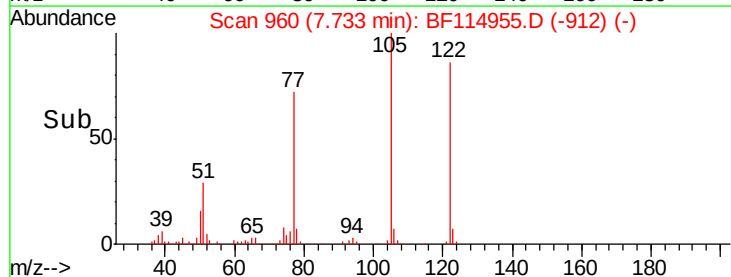
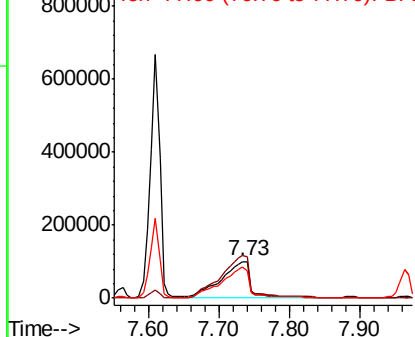


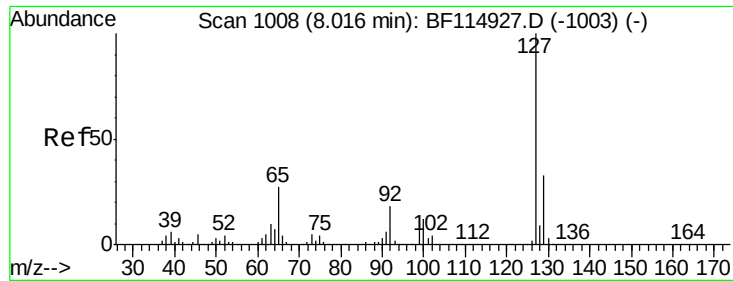
#32
Benzoic acid
Concen: 29.721 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:122 Resp: 288203
Ion Ratio Lower Upper
122 100
105 116.8 97.7 137.7
77 85.3 63.0 103.0



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





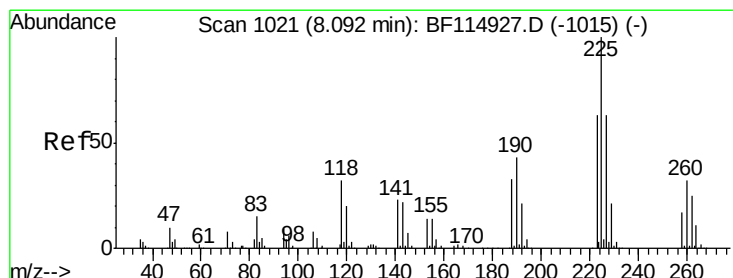
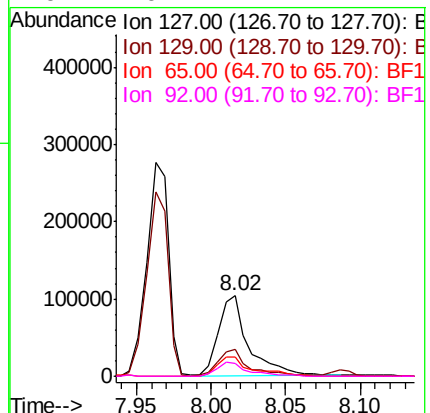
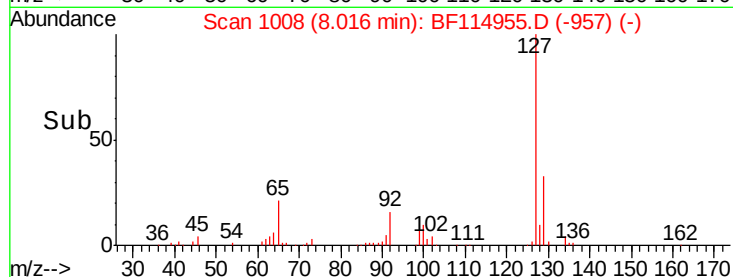
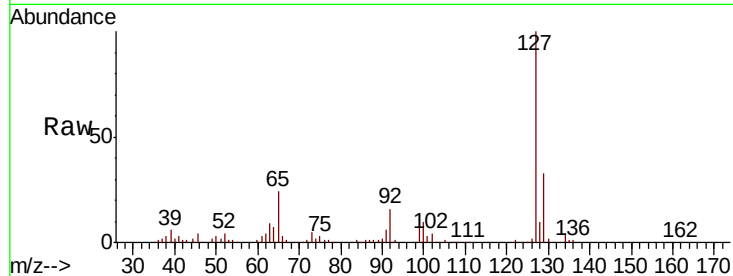
#33
 4-Chloroaniline
 Concen: 7.109 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.6	40.0		
65	24.3	21.5	32.3		
92	16.4	14.7	22.1		

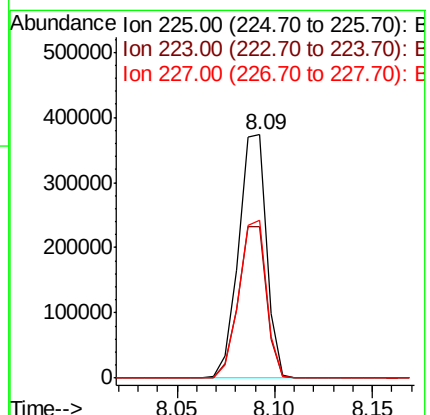
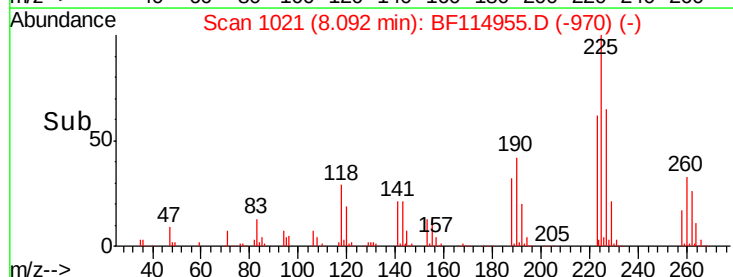
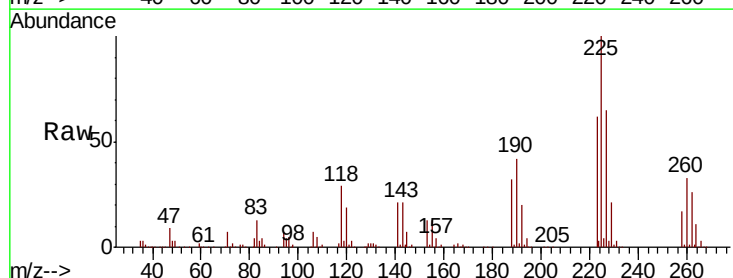
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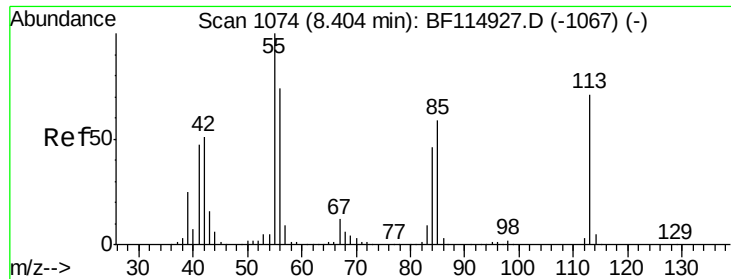
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#34
 Hexachlorobutadiene
 Concen: 42.351 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.6	75.8		
227	64.9	50.6	75.8		





#35

Caprolactam

Concen: 33.020 ng/mL

RT: 8.39 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

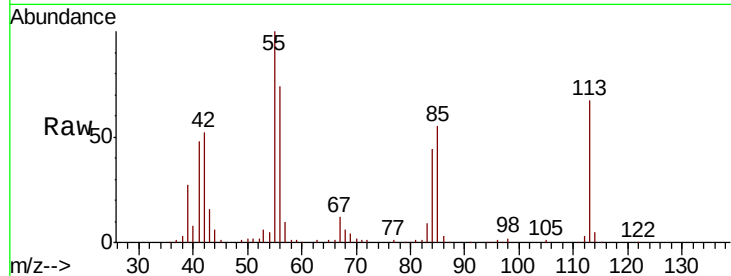
ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:	113	Resp:	151215
Ion Ratio	Lower	Upper	
113	100		
55	150.1	120.9	160.9
56	111.4	84.3	124.3

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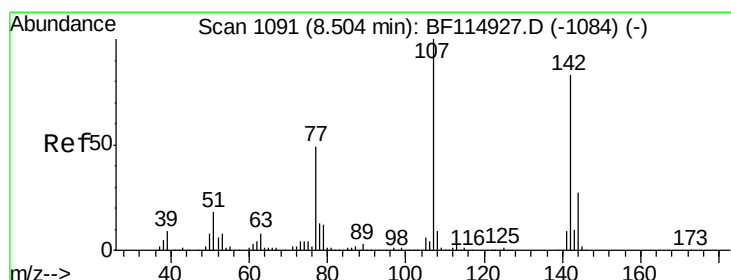
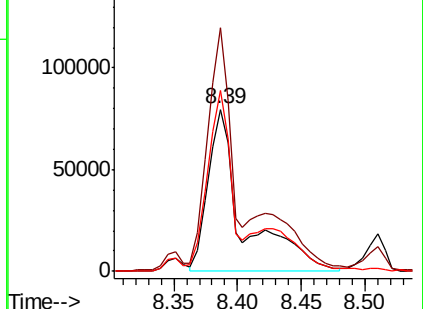
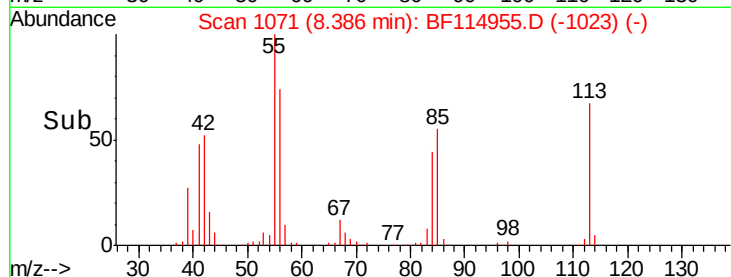
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.332 ng/mL

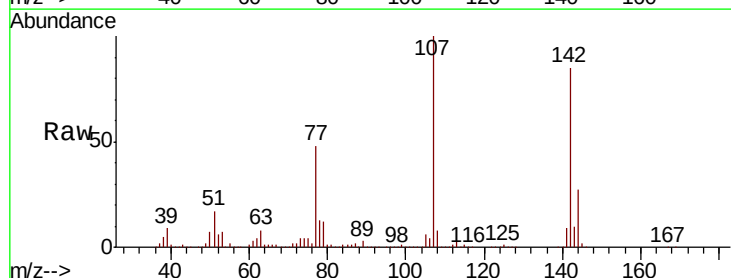
RT: 8.51 min Scan# 1092

Delta R.T. 0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

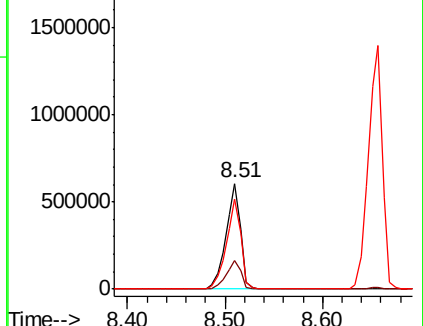
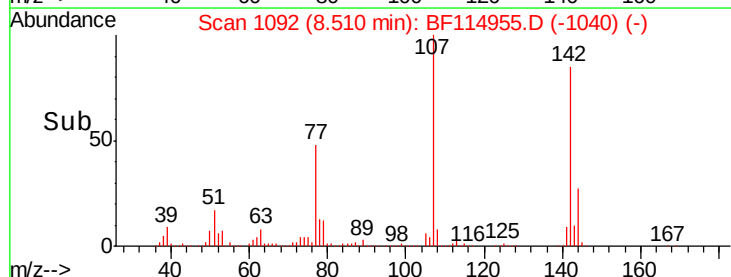
Tgt Ion:	107	Resp:	625945
Ion Ratio	Lower	Upper	
107	100		
144	27.0	21.6	32.4
142	84.9	66.1	99.1

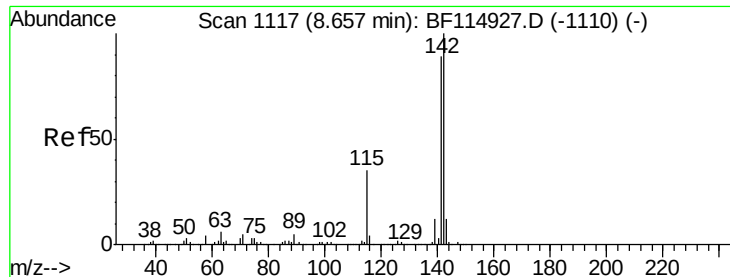


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





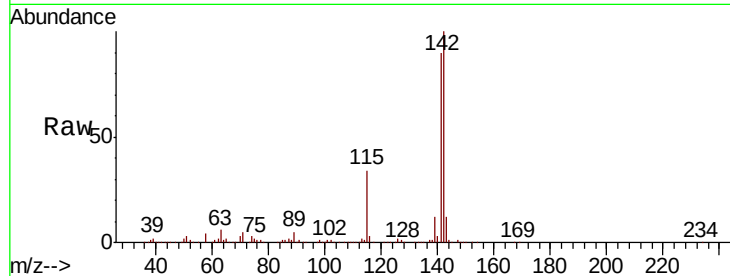
#37
2-Methylnaphthalene
Concen: 47.053 ng
RT: 8.66 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.1	106.7
115	34.0	27.8	41.6

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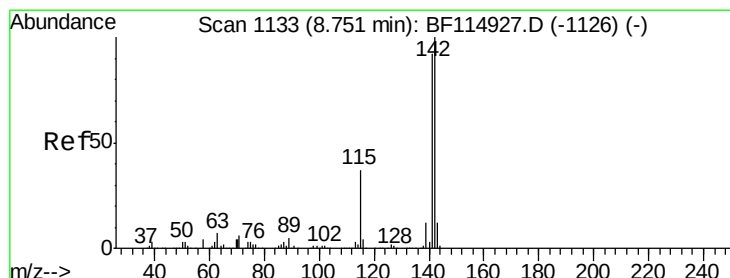
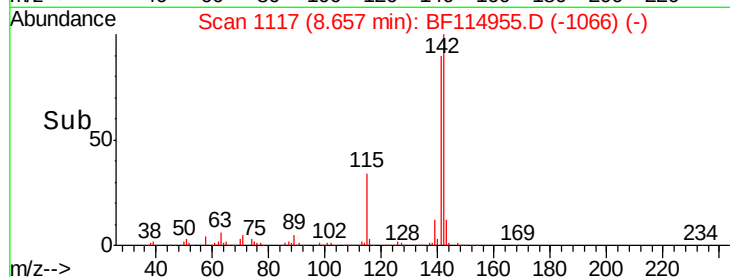
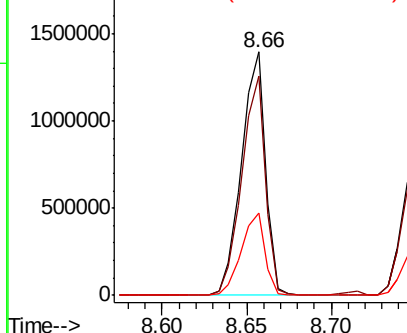


Abundance

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: 46.924 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

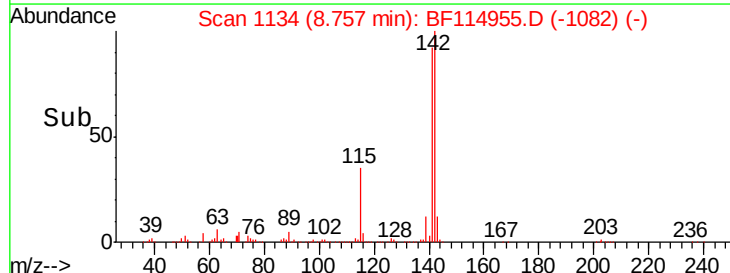
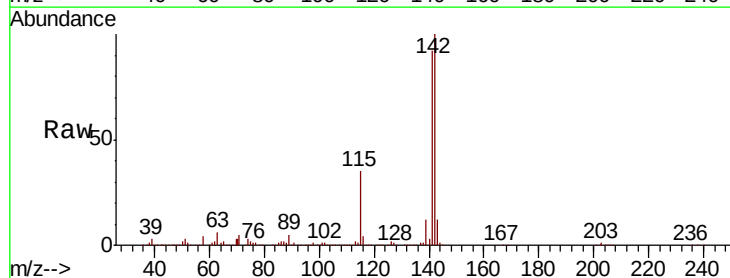
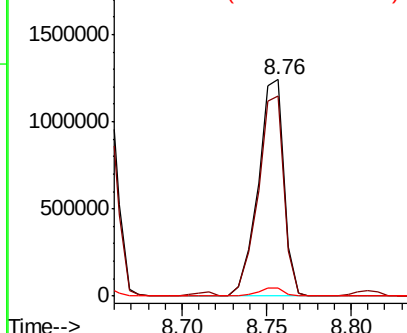
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5
116	3.5	3.1	4.7

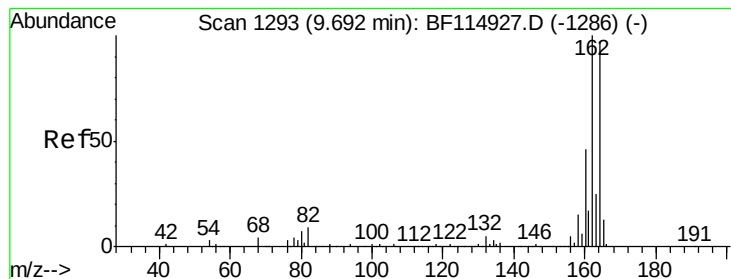
Abundance

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: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

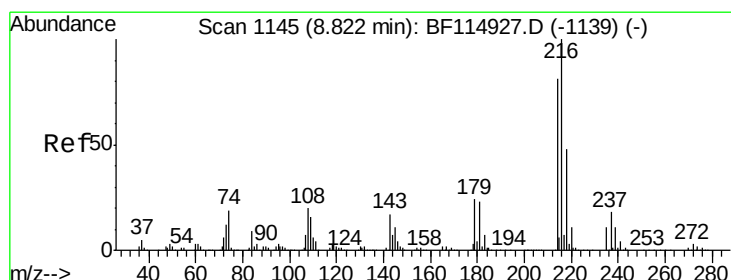
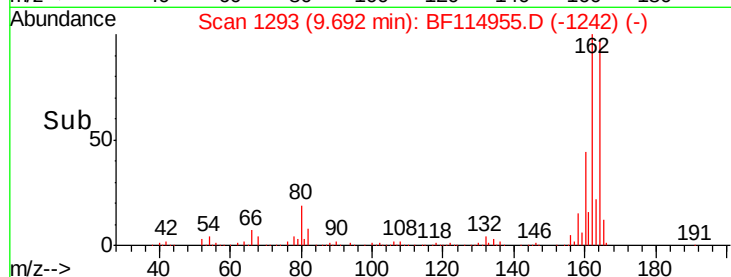
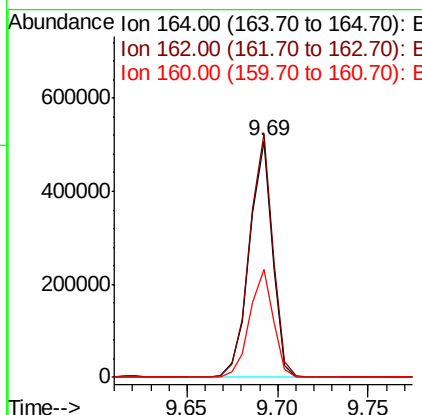
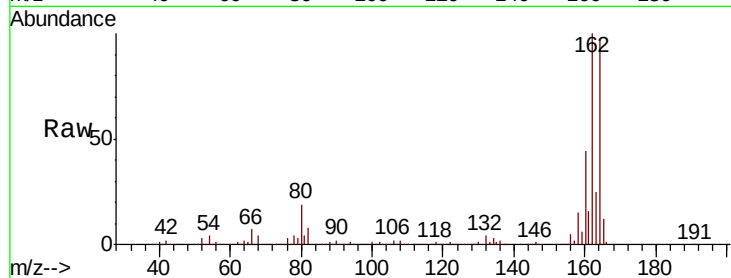
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	82.4	123.6	
160	45.9	37.5	56.3	

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.084 ng

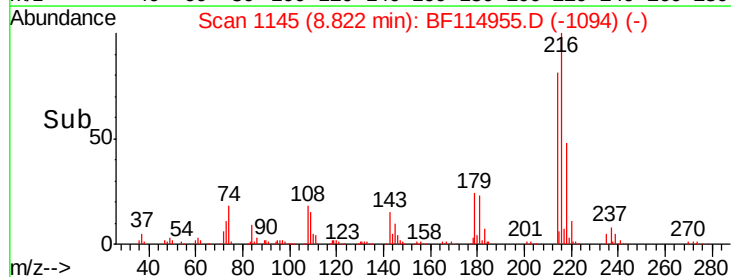
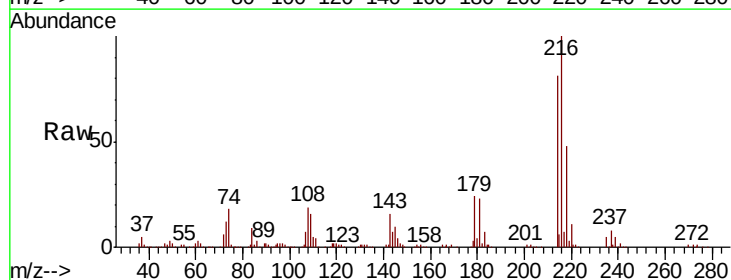
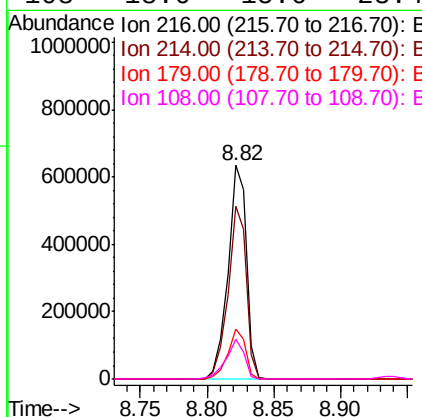
RT: 8.82 min Scan# 1145

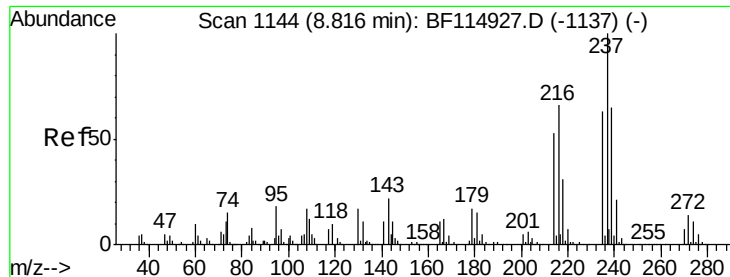
Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.8	95.8	
179	22.4	18.5	27.7	
108	18.6	15.6	23.4	





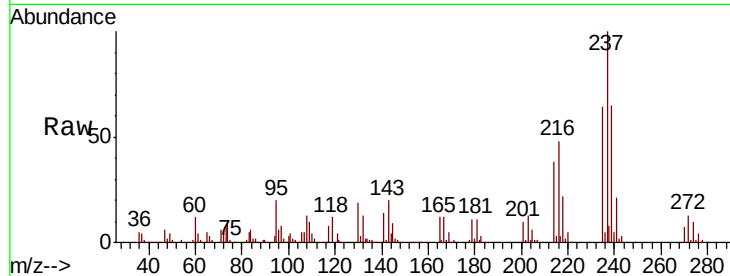
#41
Hexachlorocyclopentadiene
Concen: 34.672 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

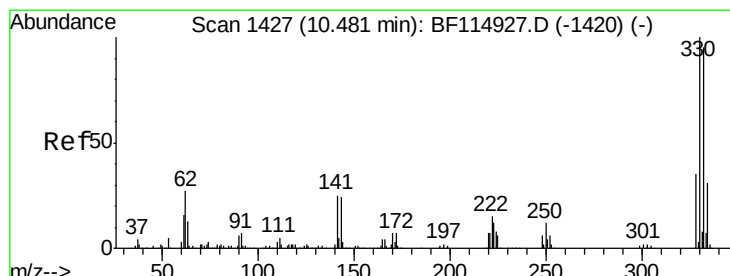
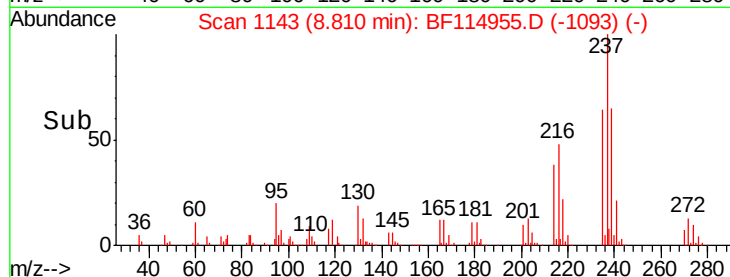
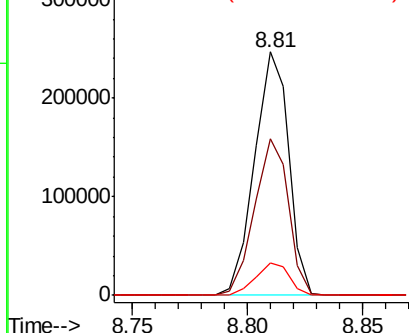
Tot Ion	Ratio	Resp	Lower	Upper
237	100	254844		
235	64.3		43.3	83.3
272	13.3		0.0	33.5

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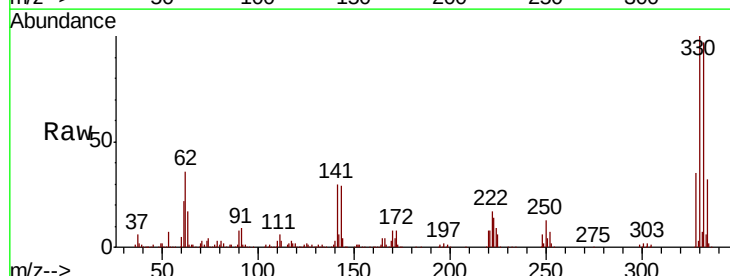


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

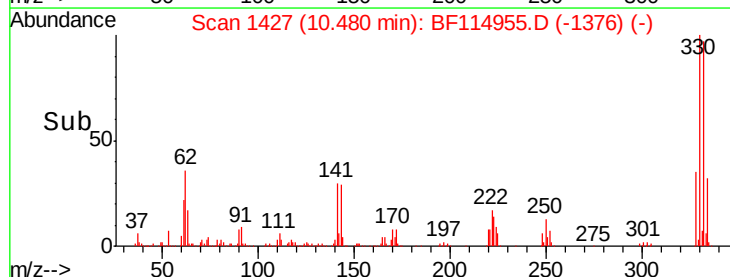
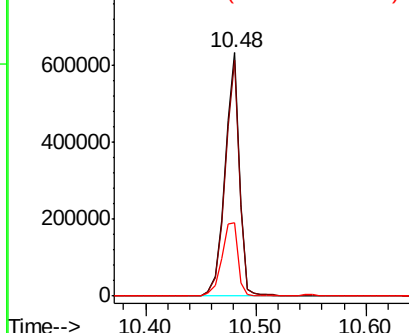


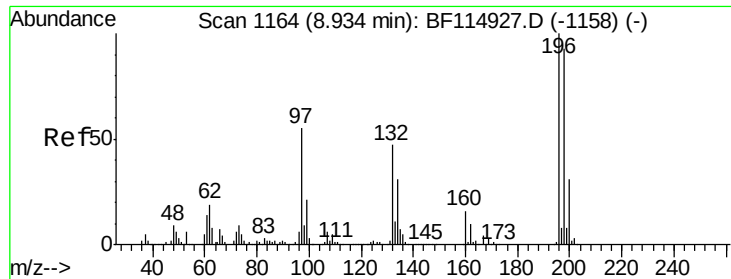
#42
2,4,6-Tribromophenol
Concen: 117.895 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	576775		
332	96.6		76.4	114.6
141	33.8		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





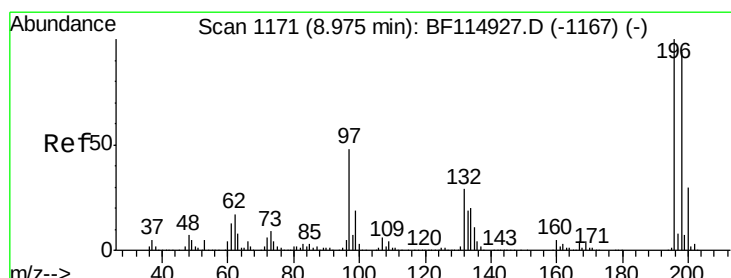
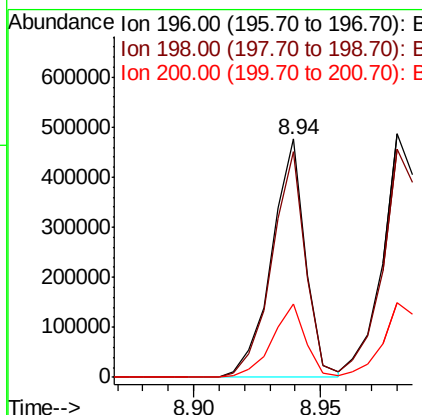
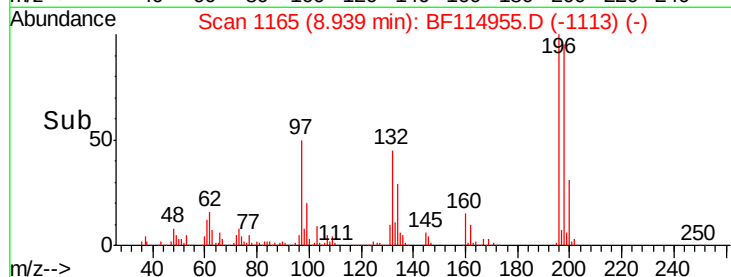
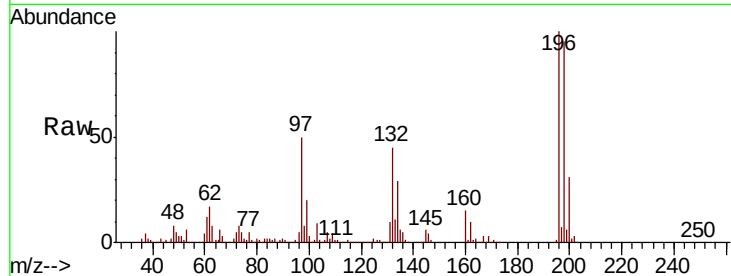
#43
 2,4,6-Trichlorophenol
 Concen: 45.160 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.8	112.2
200	30.9	24.5	36.7

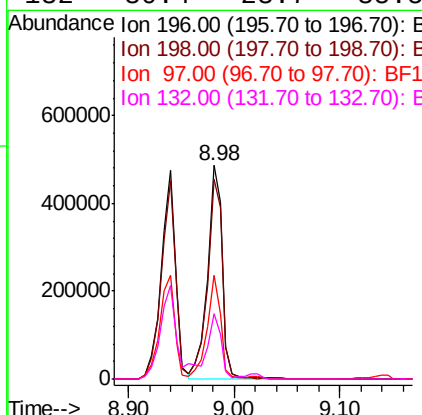
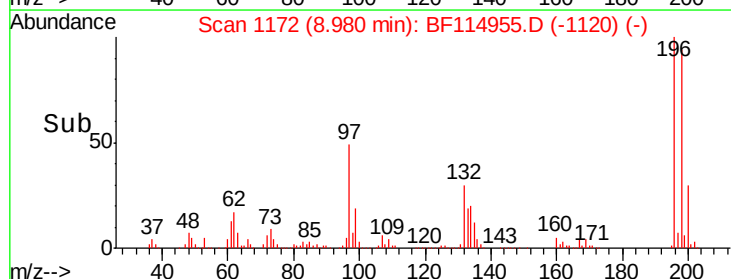
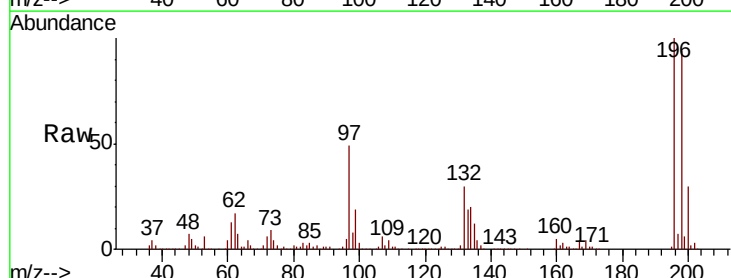
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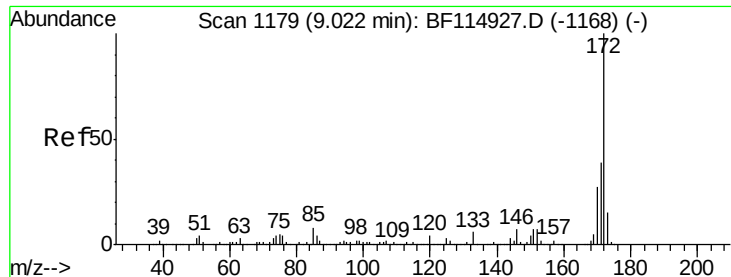
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#44
 2,4,5-Trichlorophenol
 Concen: 46.813 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.6	113.4
97	48.7	38.6	57.8
132	30.4	23.7	35.5





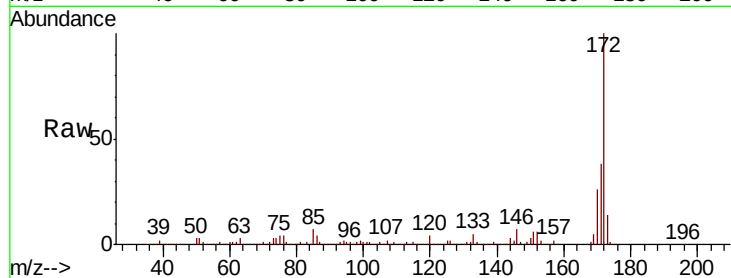
#45
2-Fluorobiphenyl
Concen: 88.507 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.8	21.4	32.0

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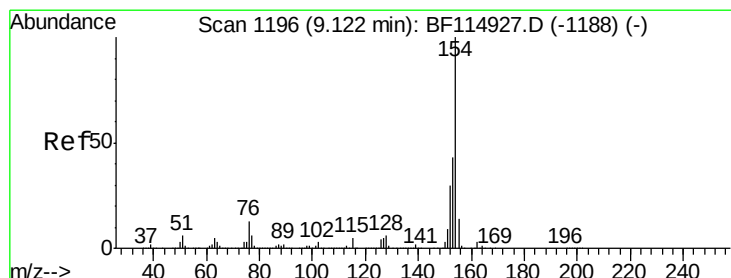
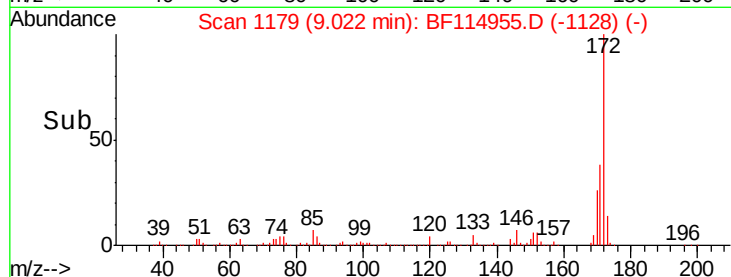
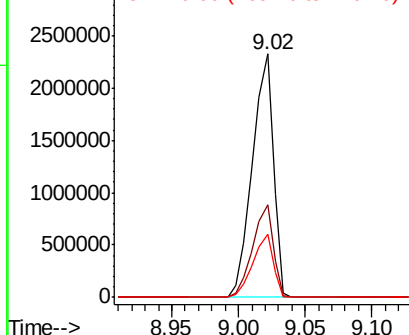


Abundance

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: 48.657 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

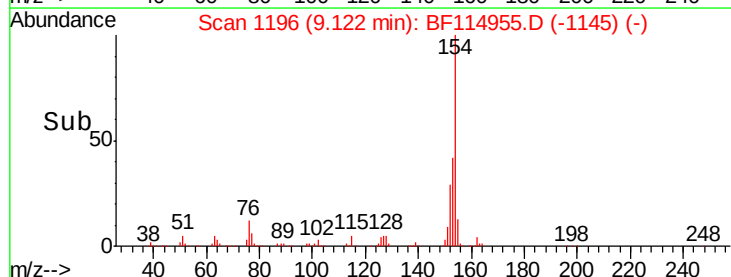
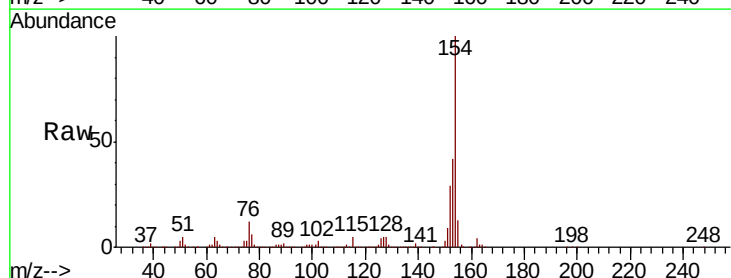
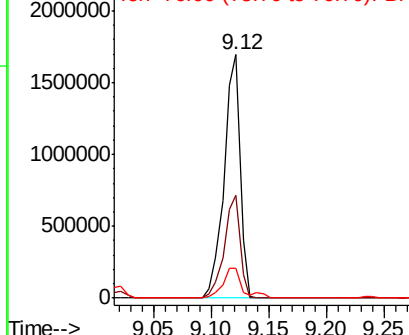
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.8	62.8
76	12.2	0.0	33.0

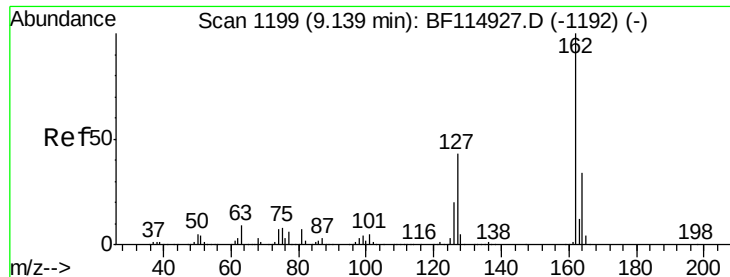
Abundance

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





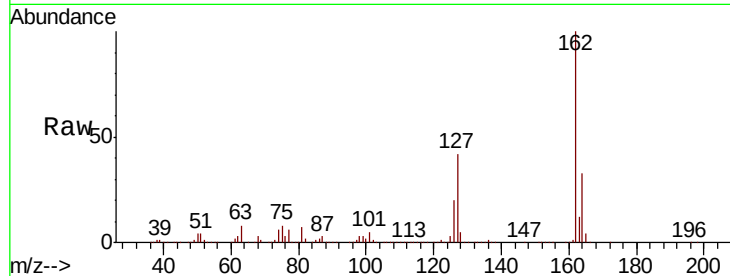
#47
 2-Chloronaphthalene
 Concen: 45.559 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

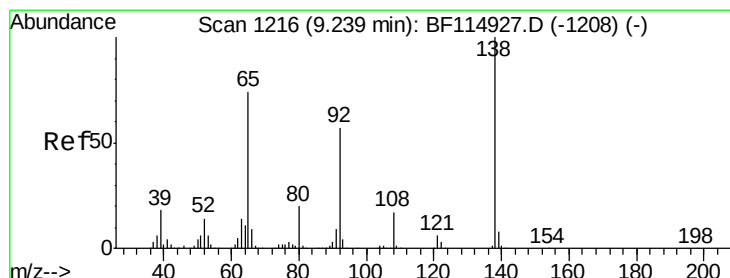
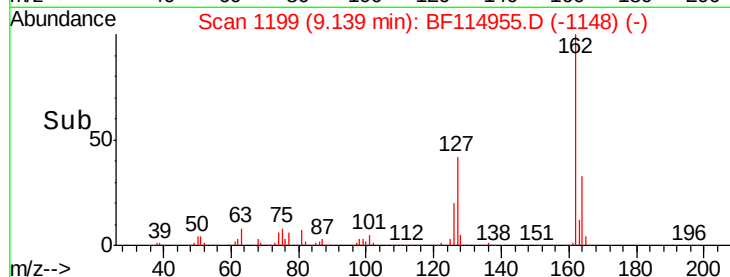
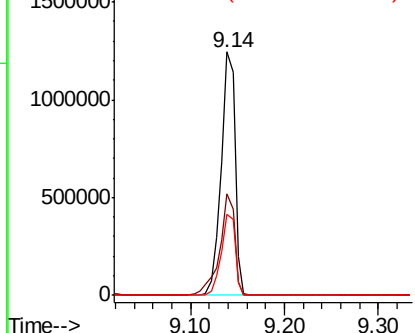
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	34.6	51.8
164	33.4	27.5	41.3

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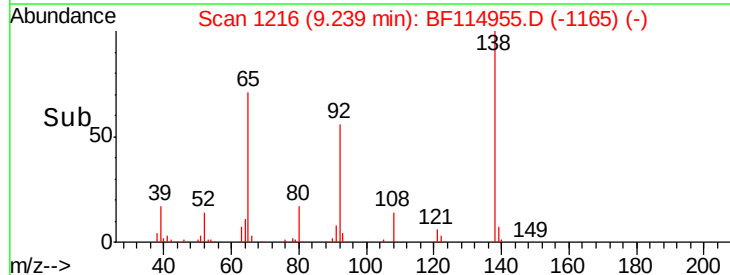
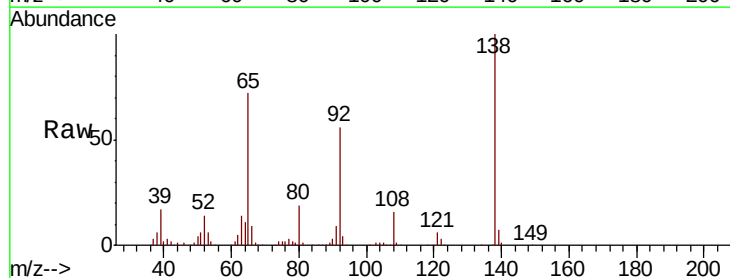
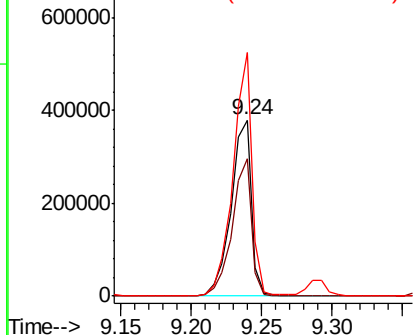
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

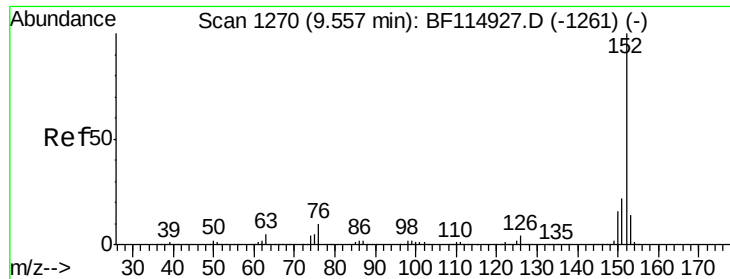


#48
 2-Nitroaniline
 Concen: 43.993 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.8	61.9	92.9
138	138.5	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: 47.585 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:152 Resp: 1991714

Ion Ratio Lower Upper

152 100

151 21.1 17.6 26.4

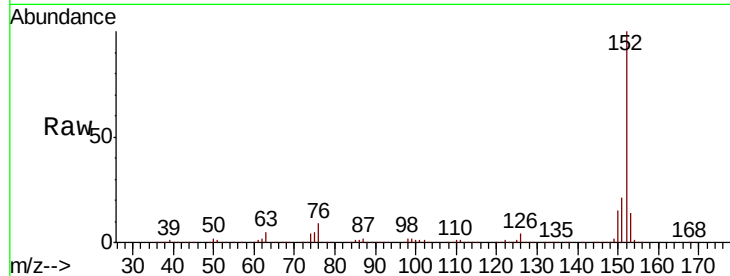
153 13.6 11.4 17.0

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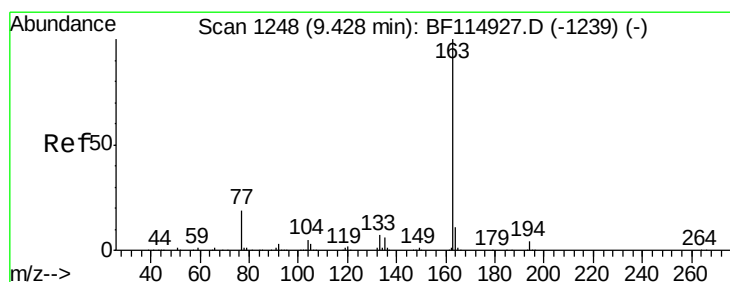
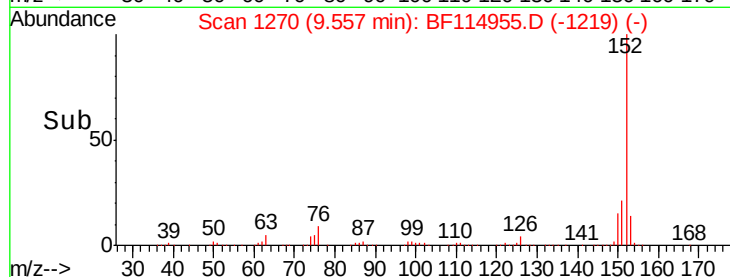
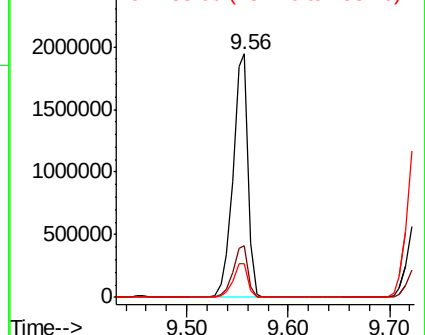
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.558 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

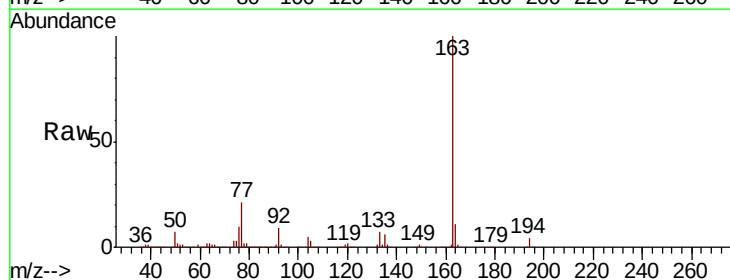
Tgt Ion:163 Resp: 1573758

Ion Ratio Lower Upper

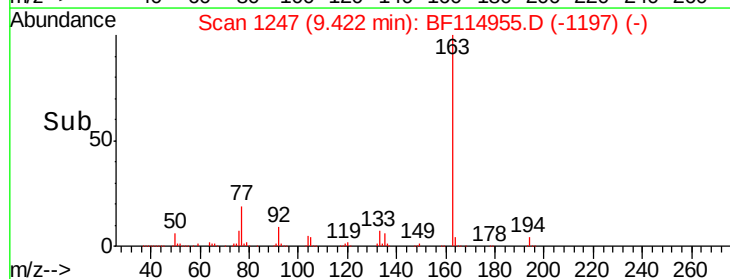
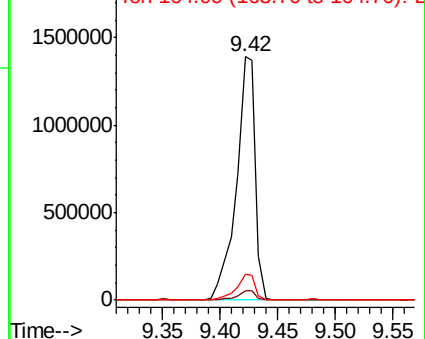
163 100

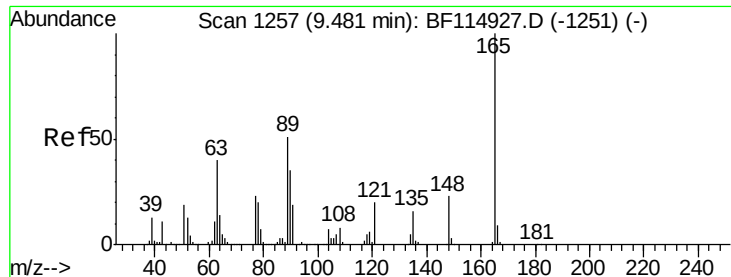
194 3.9 3.4 5.0

164 10.8 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





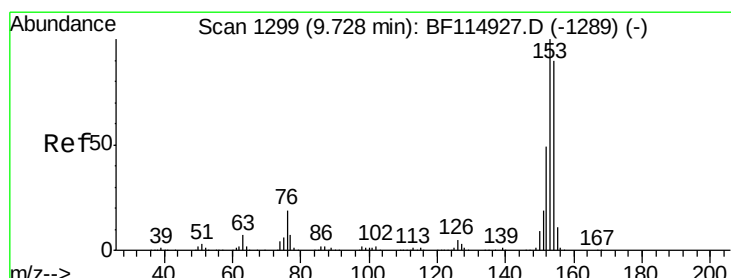
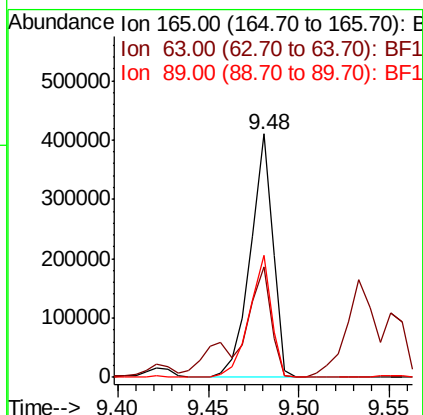
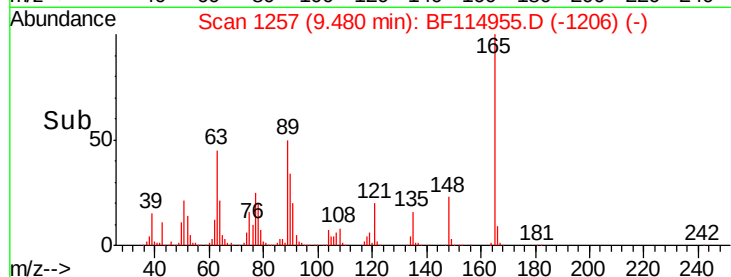
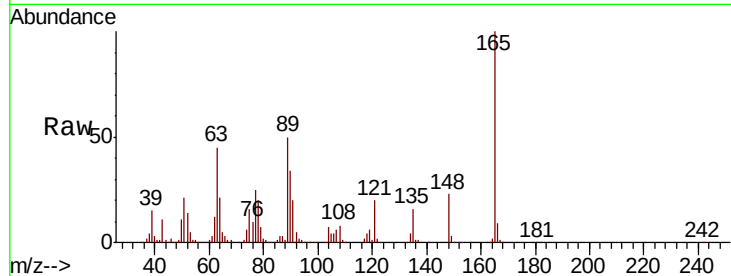
#51
 2,6-Dinitrotoluene
 Concen: 45.870 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	356125		
63	45.2		38.3	57.5
89	50.0		40.8	61.2

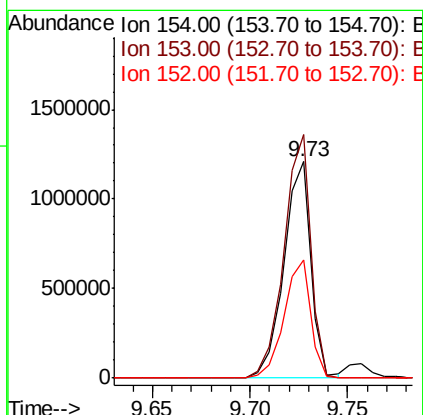
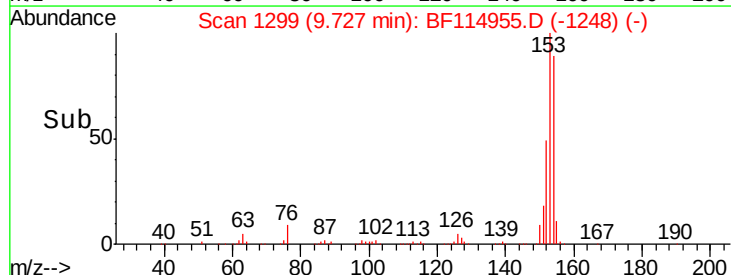
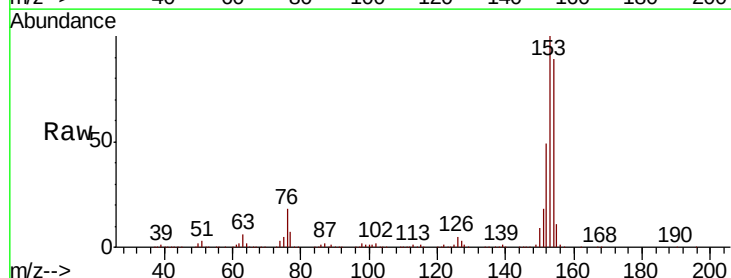
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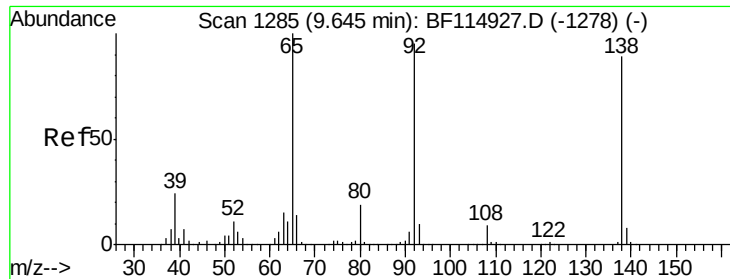
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#52
 Acenaphthene
 Concen: 45.659 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1157795		
153	112.4		89.1	133.7
152	54.8		43.8	65.6





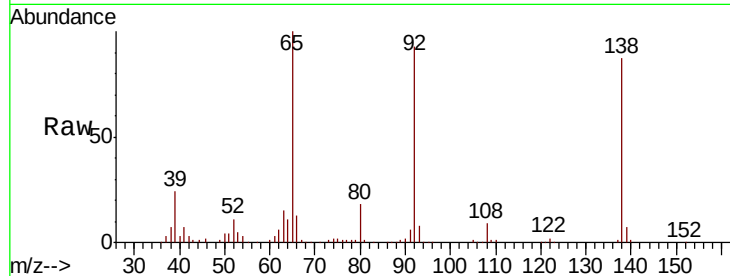
#53
3-Nitroaniline
Concen: 17.105 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

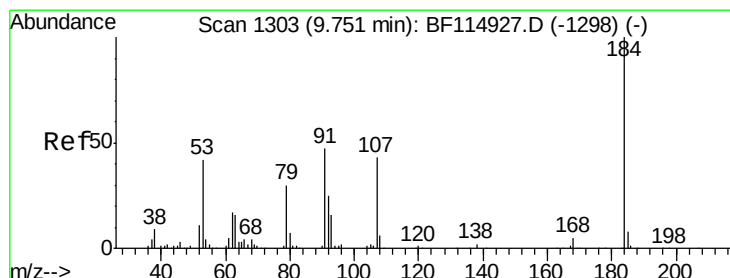
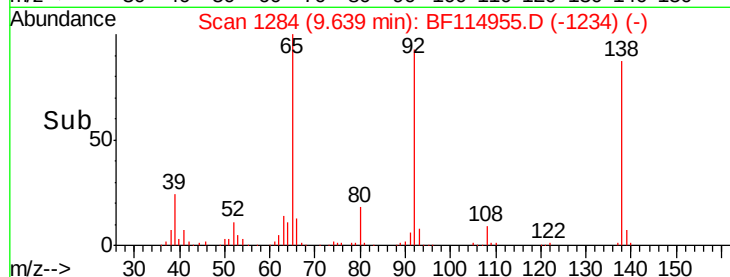
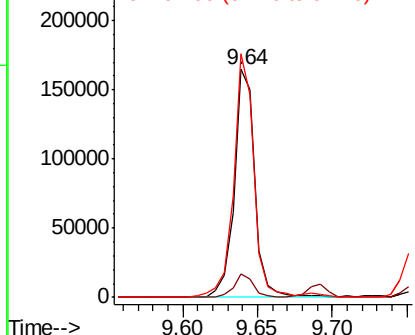
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	106.8	85.0	127.6

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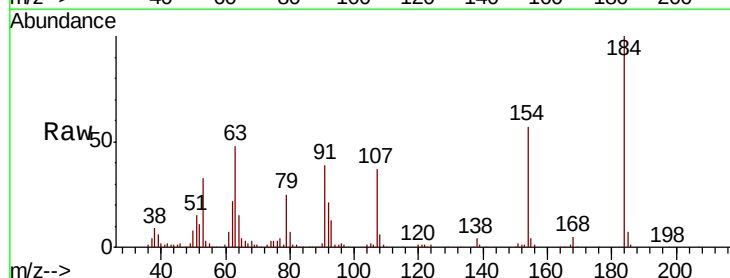


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

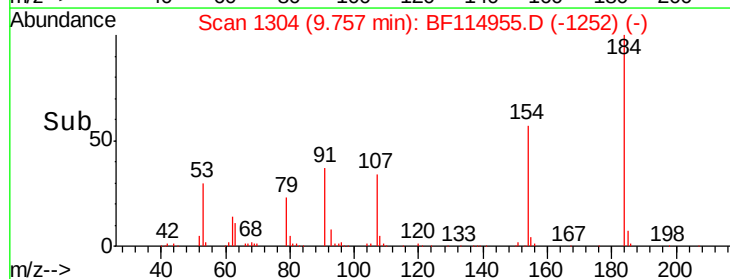
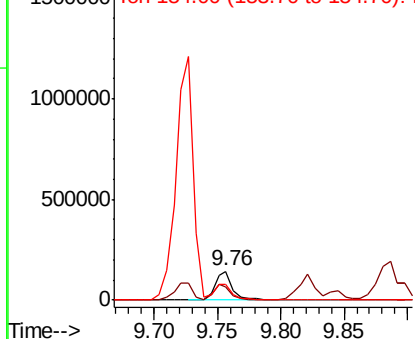


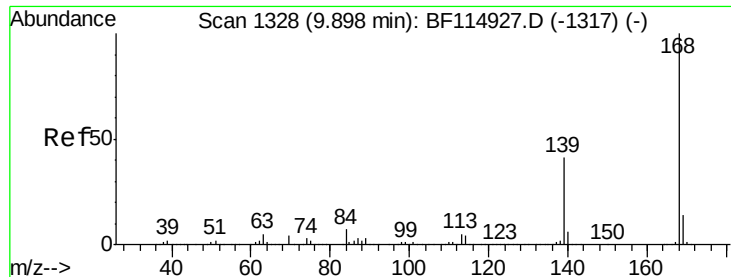
#54
2,4-Dinitrophenol
Concen: 37.753 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.7	47.4	71.0
154	57.4	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





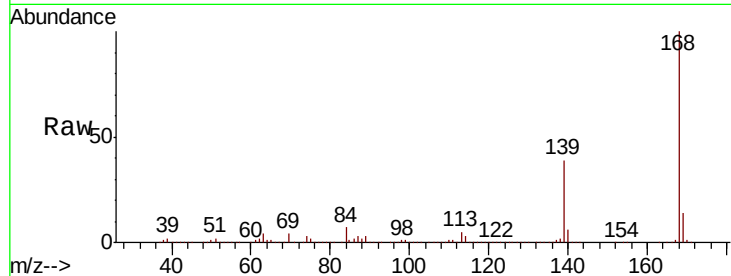
#55
Dibenzofuran
Concen: 47.666 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

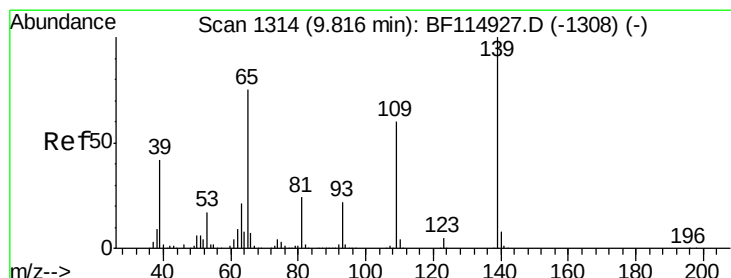
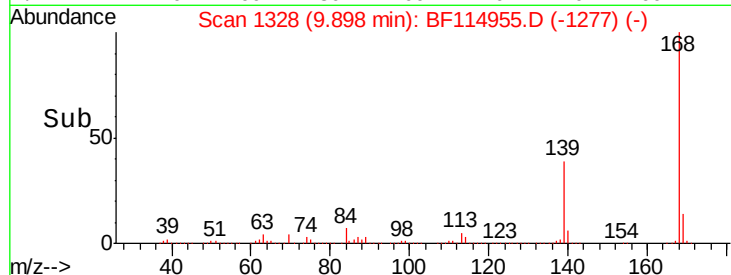
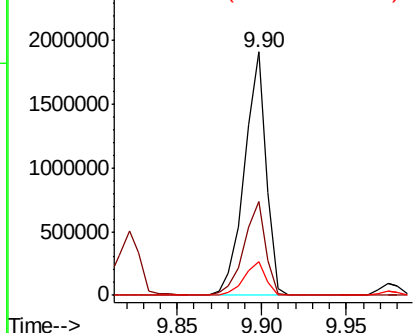
Tot Ion:168 Resp: 1725365
Ion Ratio Lower Upper
168 100
139 38.8 33.0 49.4
169 14.0 11.6 17.4

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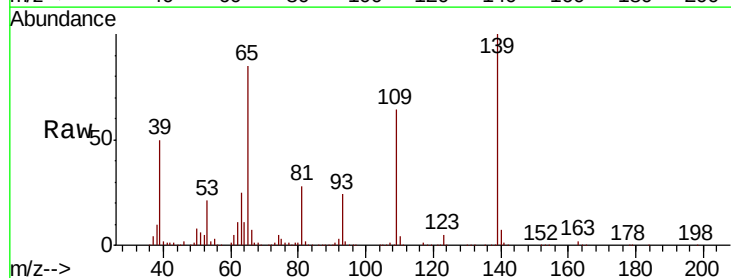


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

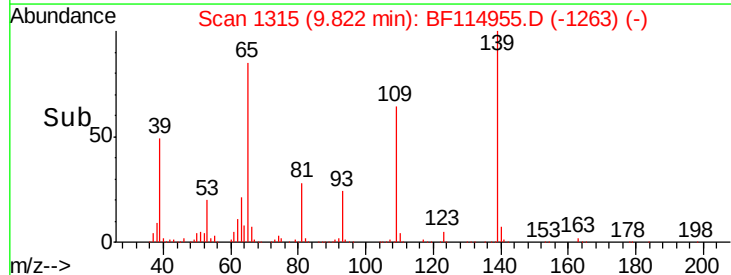
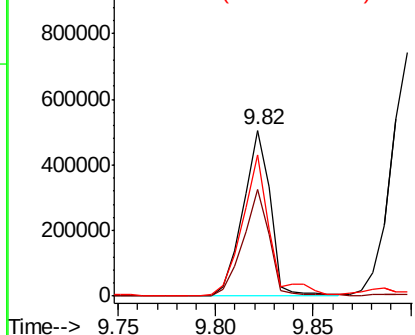


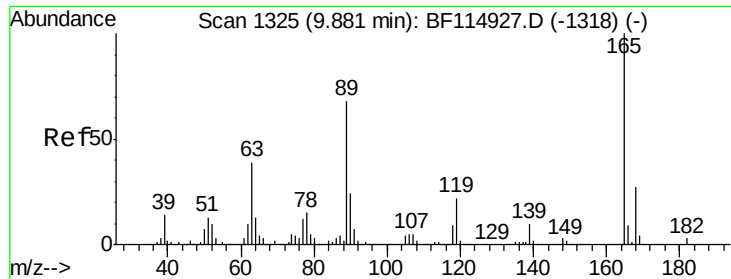
#56
4-Nitrophenol
Concen: 74.145 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:139 Resp: 492651
Ion Ratio Lower Upper
139 100
109 64.4 40.0 80.0
65 85.4 55.0 95.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





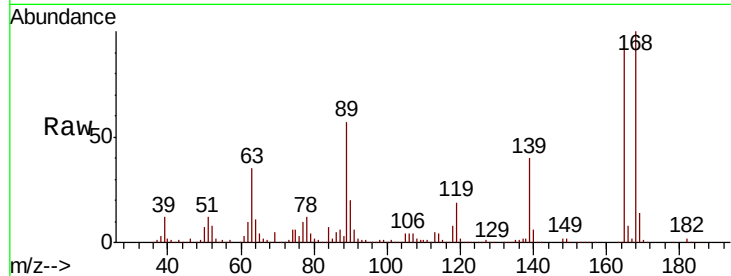
#57
2,4-Dinitrotoluene
Concen: 46.108 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

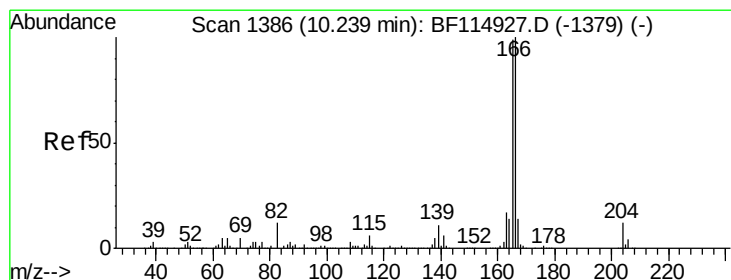
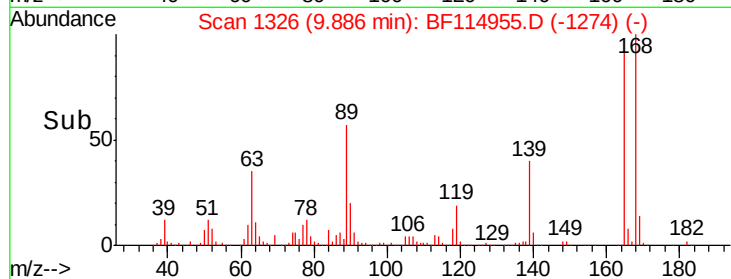
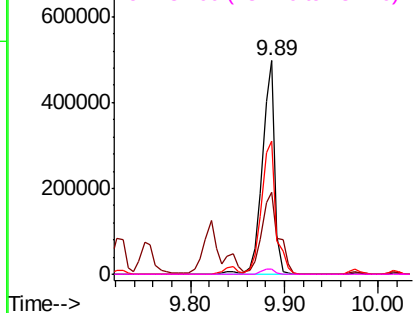
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		452481		
63	38.6	31.8	47.6		
89	62.2	54.2	81.2		
182	2.7	2.1	3.1		

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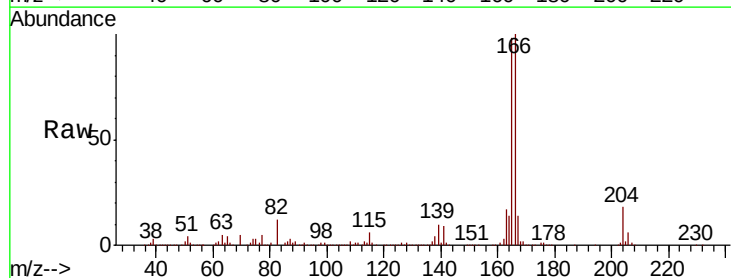


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

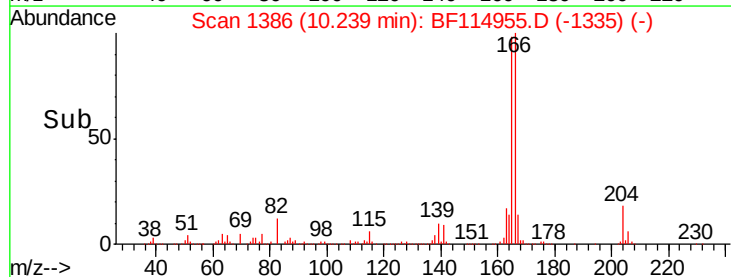
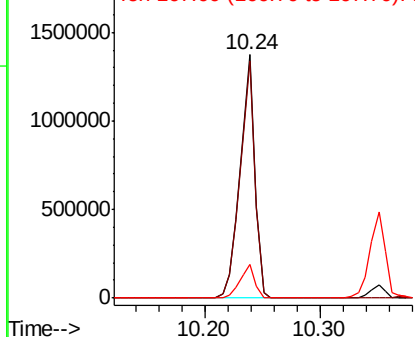


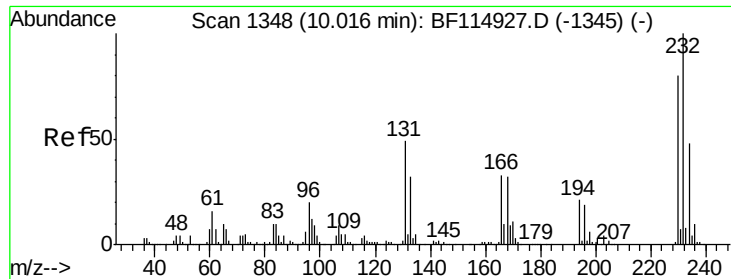
#58
Fluorene
Concen: 44.184 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1232862		
165	97.7	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





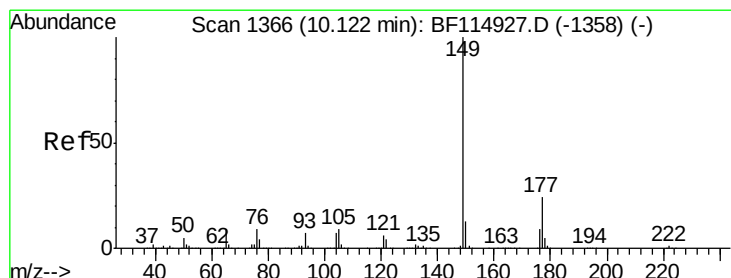
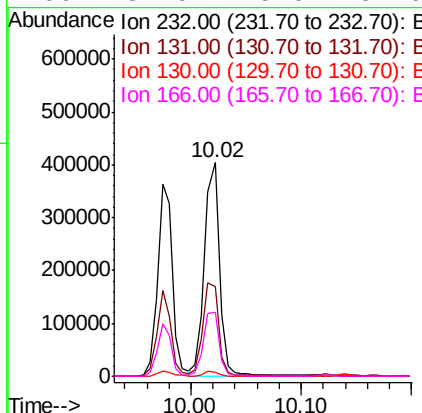
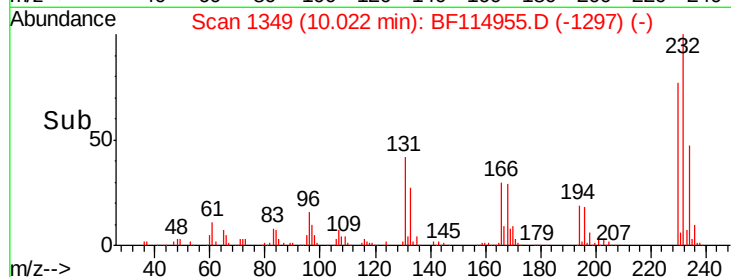
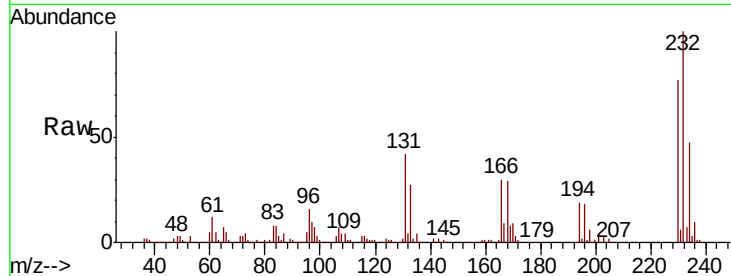
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.341 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.01 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.0	55.4
130	2.2	1.8	2.6
166	31.0	25.0	37.6

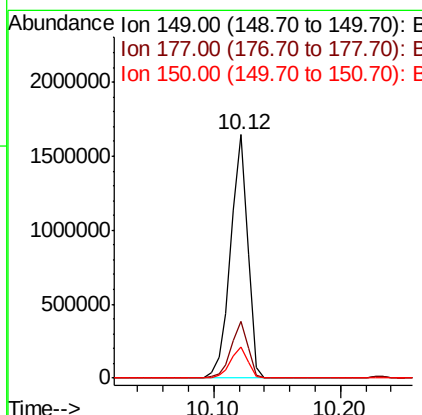
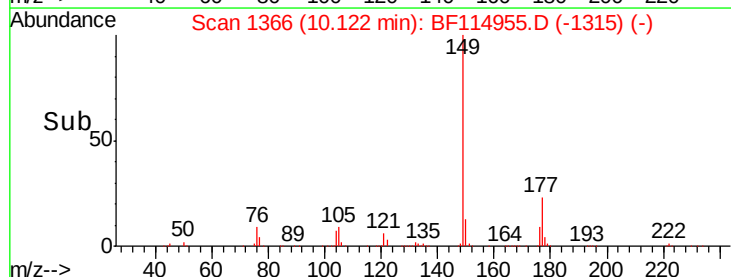
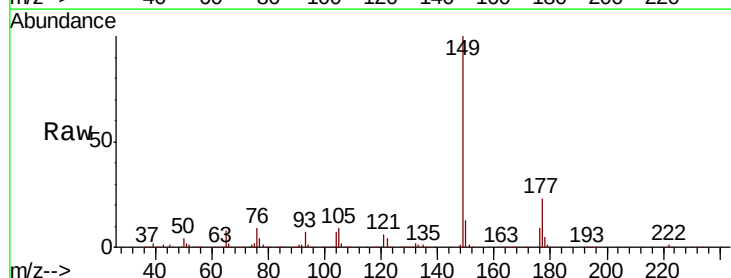
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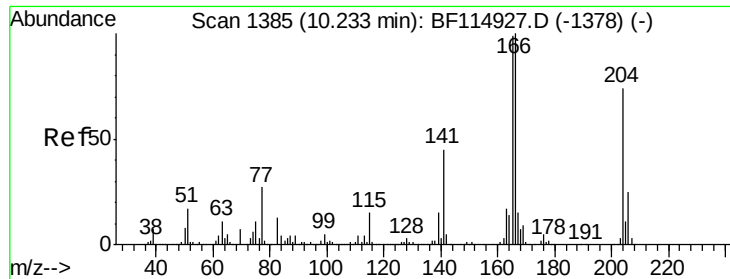
mohammad
 6/12/2019 9:09:02 AM



#60
 Diethylphthalate
 Concen: 46.416 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.1	28.7
150	13.0	10.6	16.0





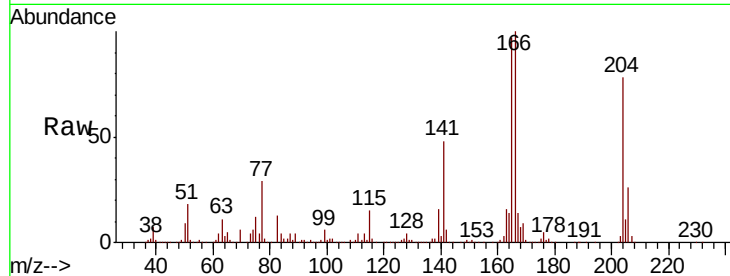
#61
4-Chlorophenyl-phenylether
Concen: 44.343 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.8	40.2
141	61.4	48.5	72.7

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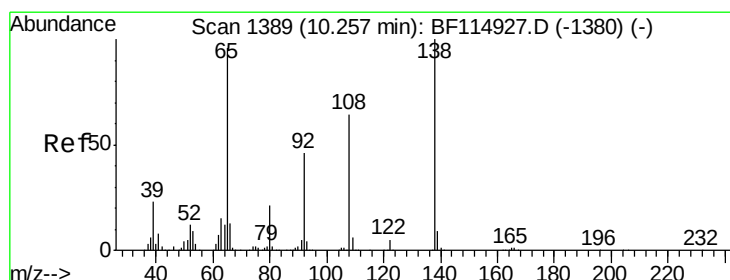
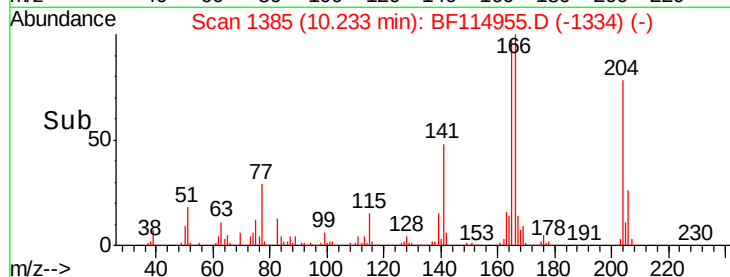
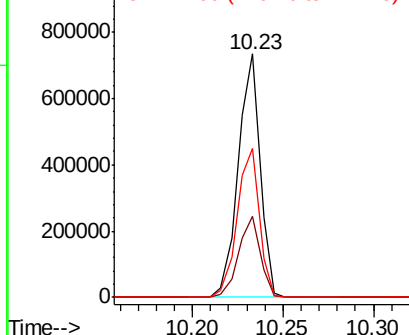


Abundance

Ion 204.00 (203.70 to 204.70): E

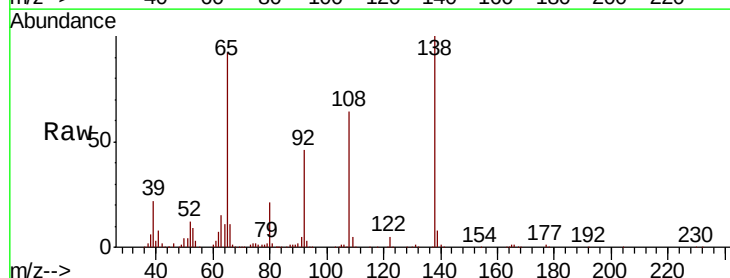
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.851 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.7	26.0	66.0
108	63.7	44.0	84.0

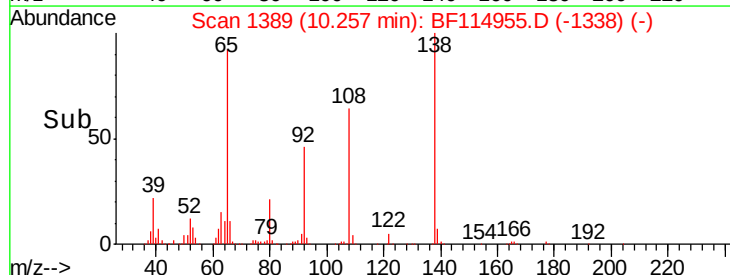
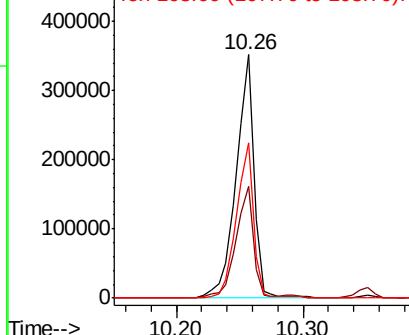


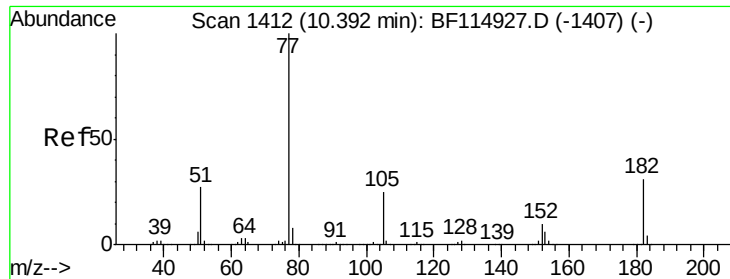
Abundance

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: 45.414 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion: 77 Resp: 1298608

Ion Ratio Lower Upper

77 100

182 29.7 10.8 50.8

105 24.2 5.3 45.3

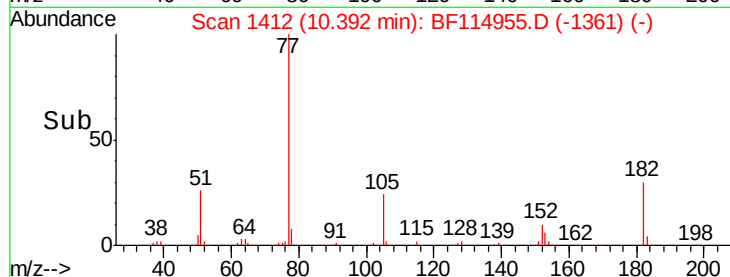
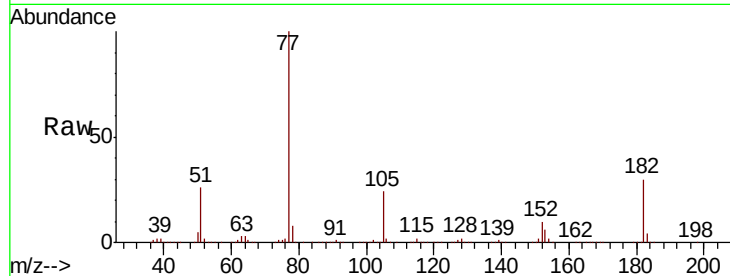
51 26.1 6.8 46.8

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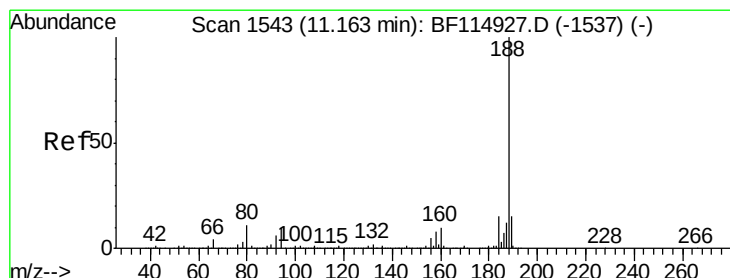
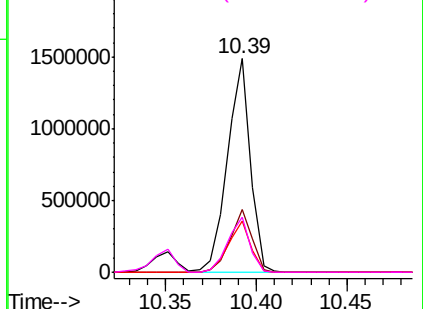


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

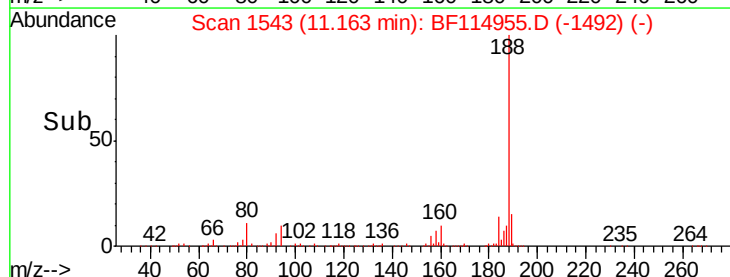
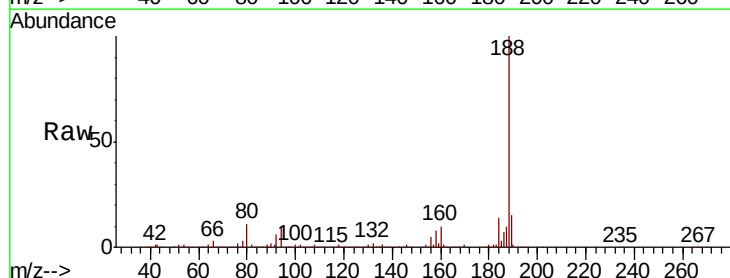
Tgt Ion: 188 Resp: 804955

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

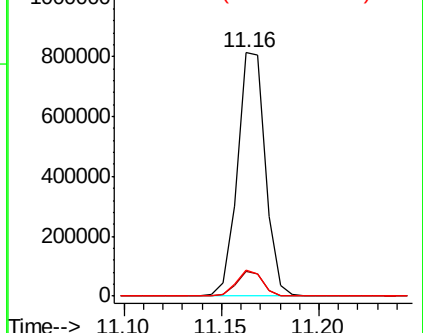
80 10.7 8.6 12.8

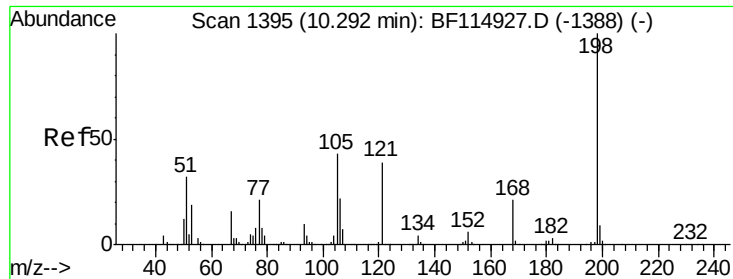


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 23.302 ng

RT: 10.29 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:198 Resp: 105188
Ion Ratio Lower Upper

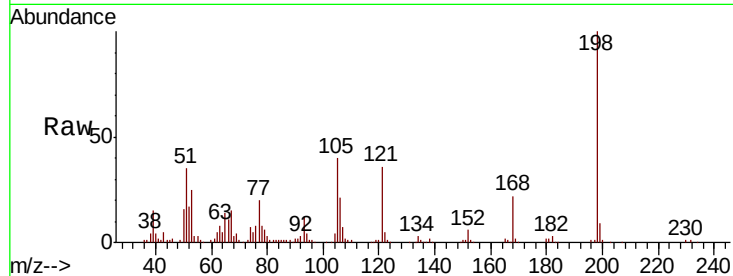
198 100

51 34.8 16.8 56.8

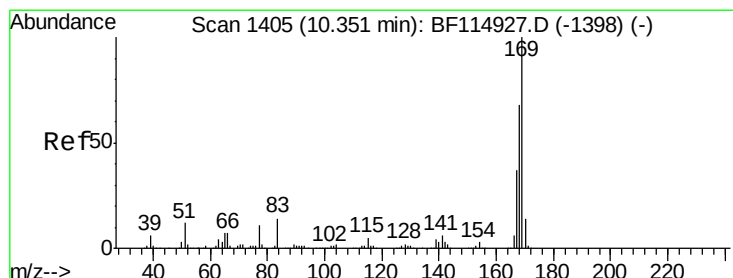
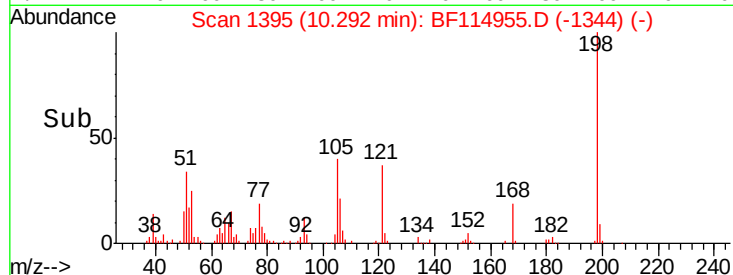
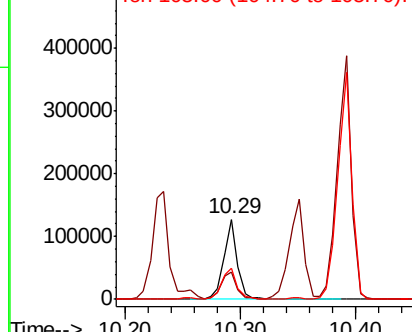
105 39.7 23.5 63.5

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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: 50.411 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF114955.D

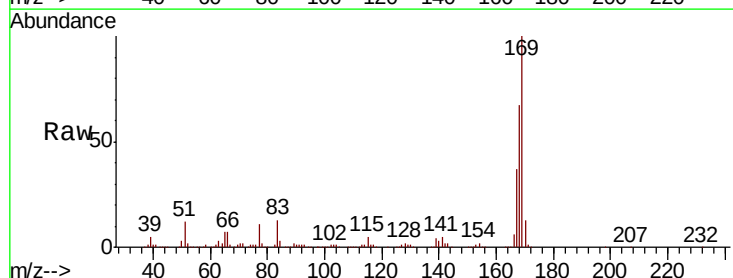
Acq: 11 Jun 2019 20:42

Tgt Ion:169 Resp: 1205579
Ion Ratio Lower Upper

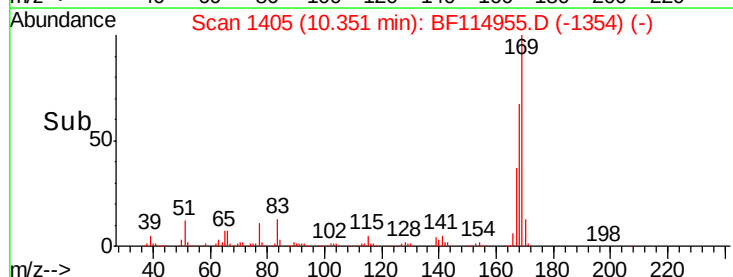
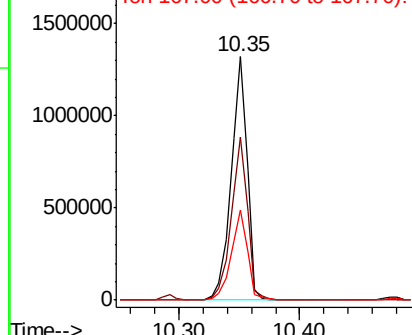
169 100

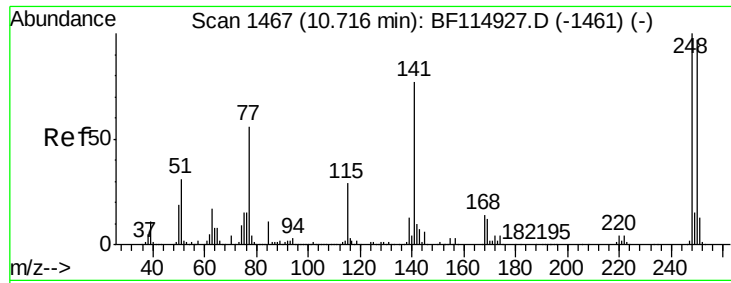
168 67.2 54.2 81.2

167 36.8 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





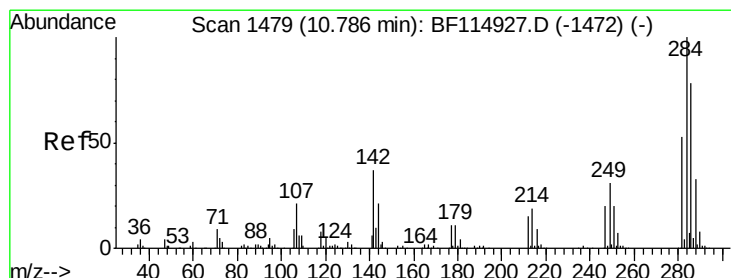
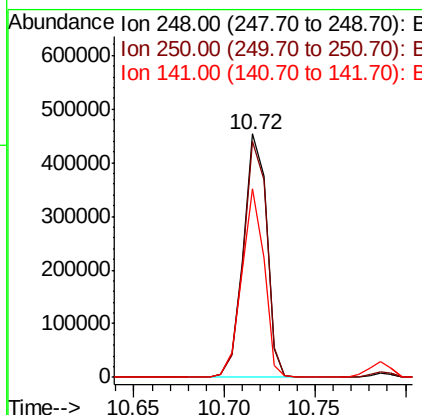
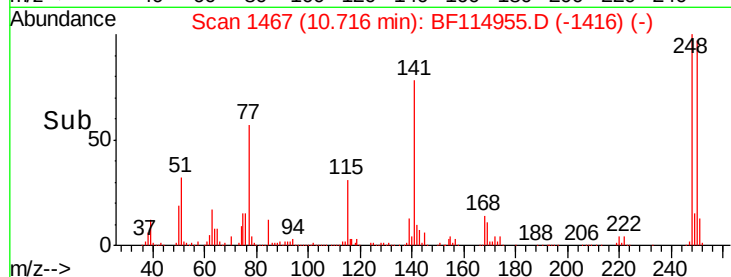
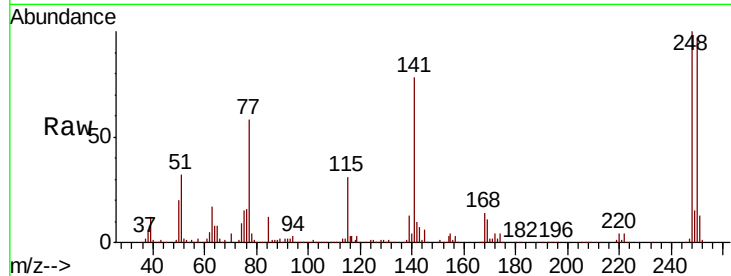
#67
 4-Bromophenyl-phenylether
 Concen: 46.757 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:	248	Resp:	407677
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.4	116.0
141	77.6	61.8	92.6

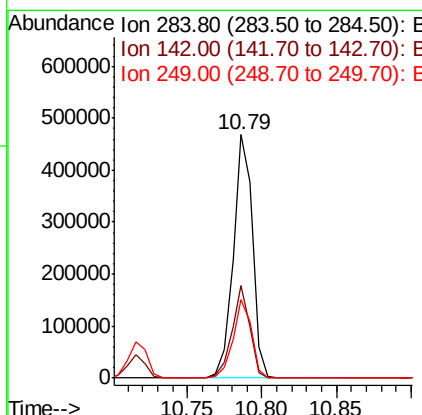
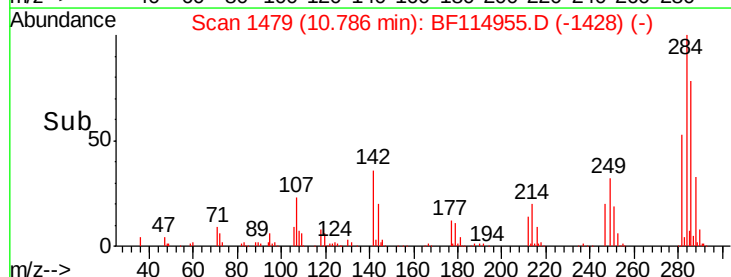
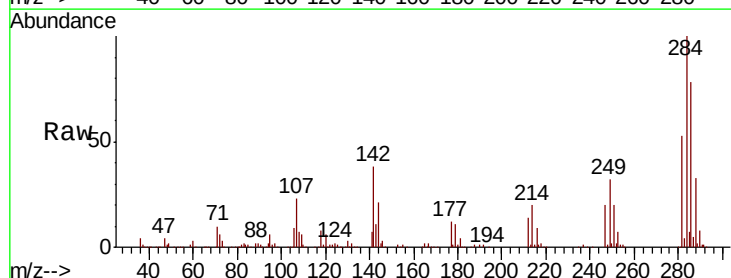
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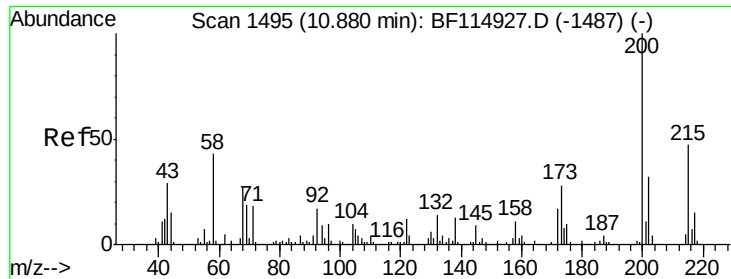
mohammad
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#68
 Hexachlorobenzene
 Concen: 44.075 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:	284	Resp:	424375
Ion Ratio	Lower	Upper	
284	100		
142	37.8	29.3	43.9
249	32.2	25.1	37.7





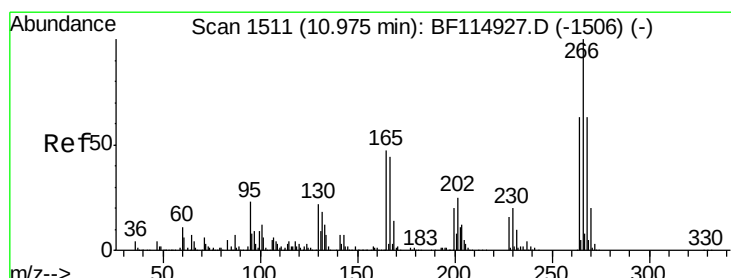
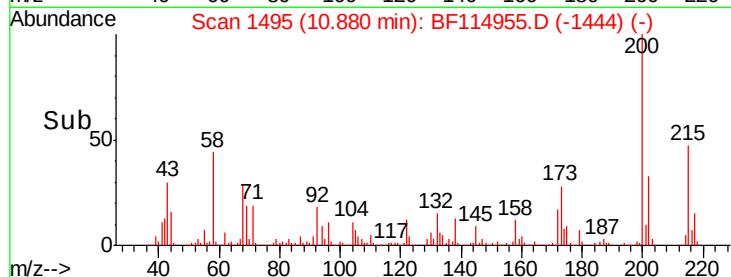
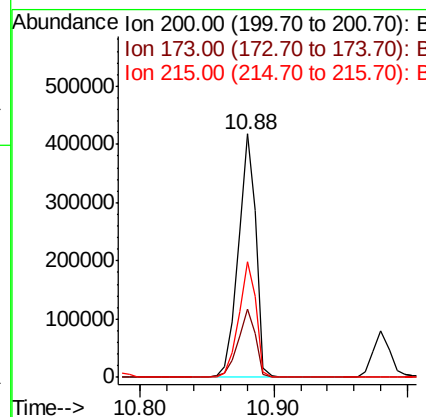
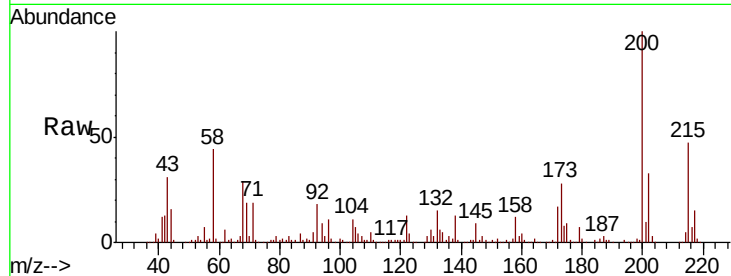
#69
Atrazine
Concen: 47.987 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.3	48.3
215	47.3	26.6	66.6

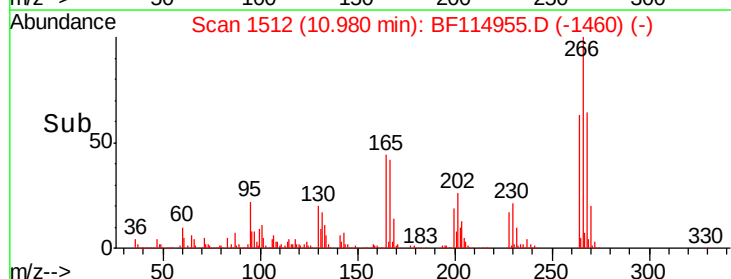
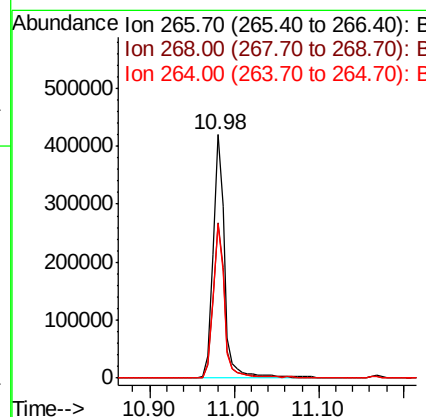
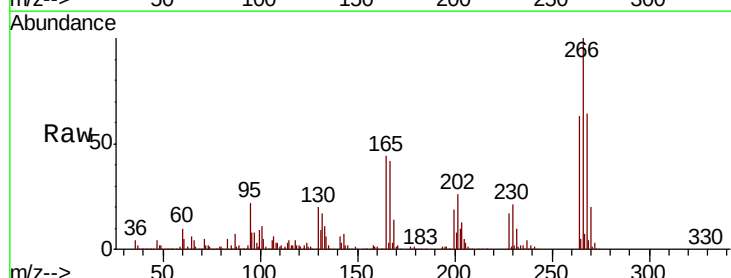
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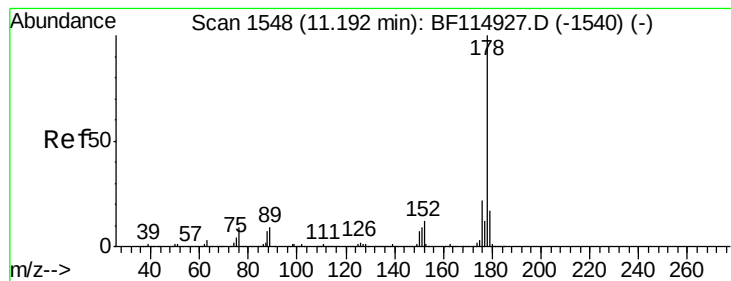
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#70
Pentachlorophenol
Concen: 75.732 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	50.8	76.2
264	63.4	50.4	75.6





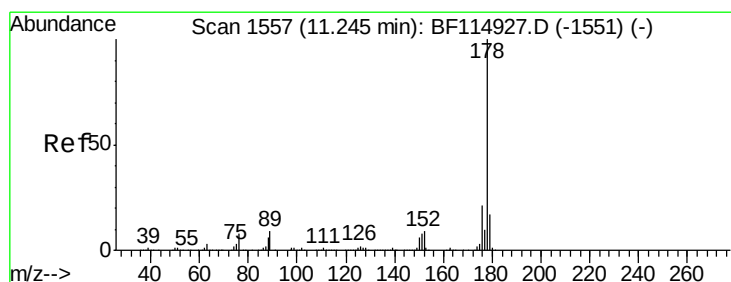
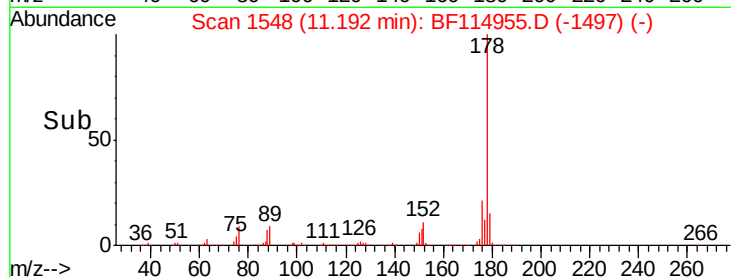
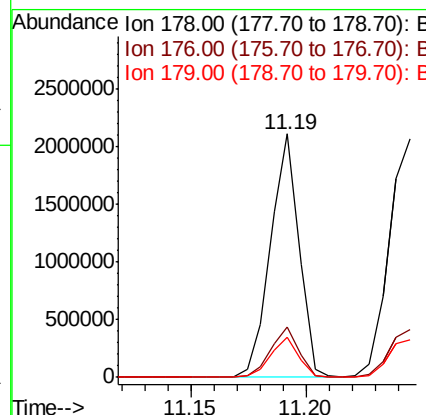
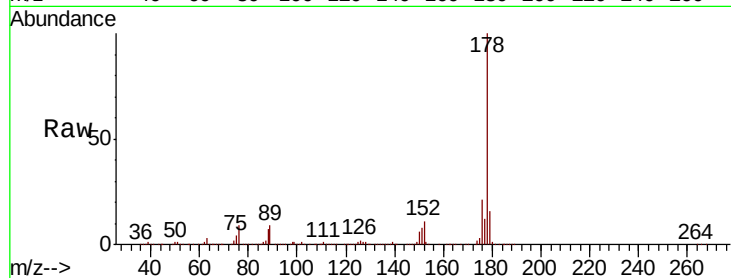
#71
Phenanthrene
Concen: 46.568 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:178 Resp: 1818679
Ion Ratio Lower Upper
178 100
176 20.5 17.4 26.2
179 16.3 13.6 20.4

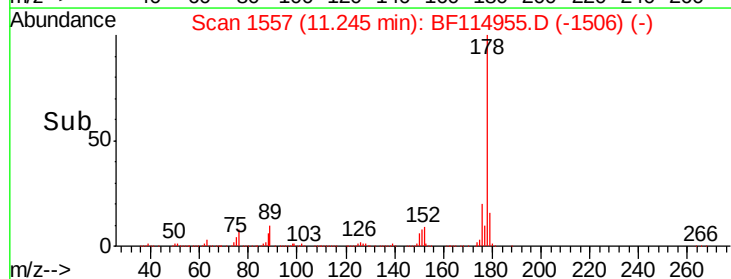
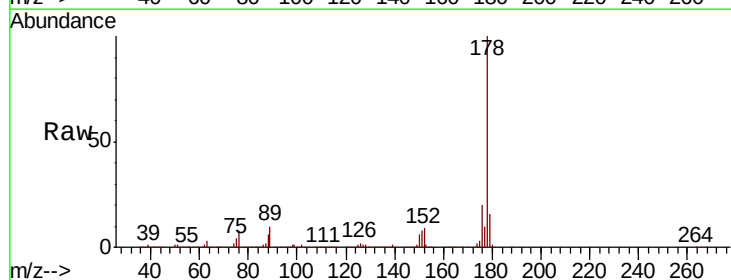
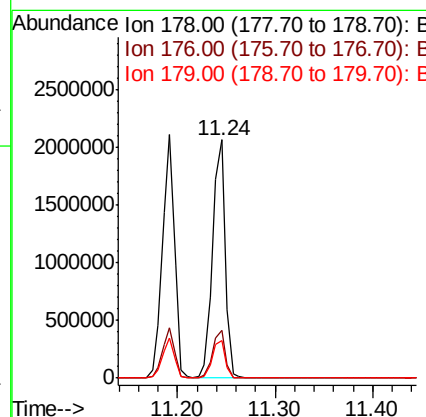
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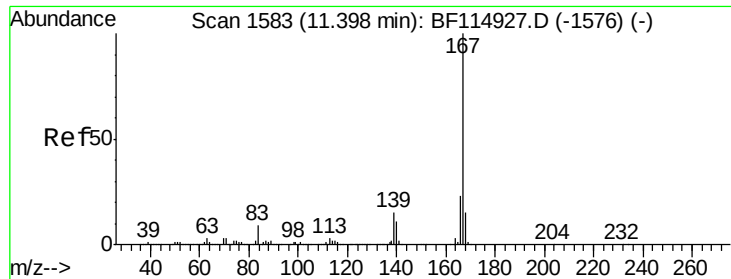
mohammad
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#72
Anthracene
Concen: 47.091 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:178 Resp: 1866684
Ion Ratio Lower Upper
178 100
176 20.3 16.6 25.0
179 16.0 13.4 20.2





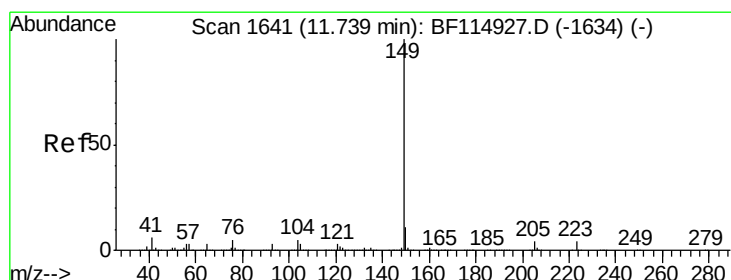
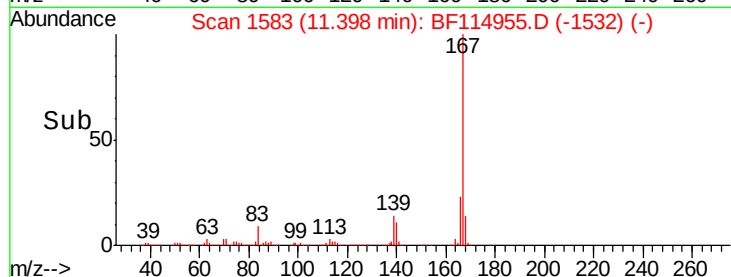
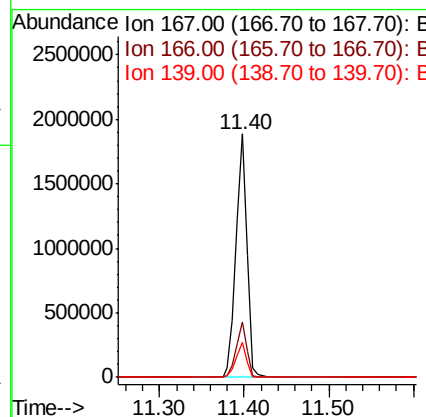
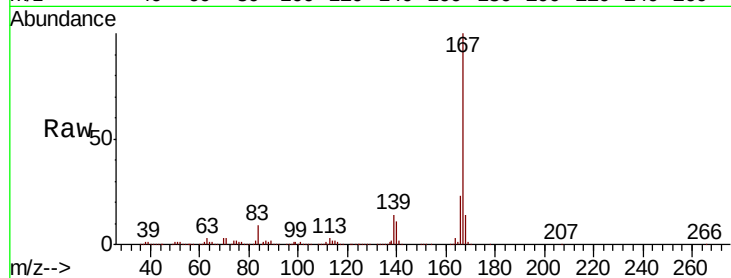
#73
 Carbazole
 Concen: 46.244 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.8	28.2
139	14.3	11.6	17.4

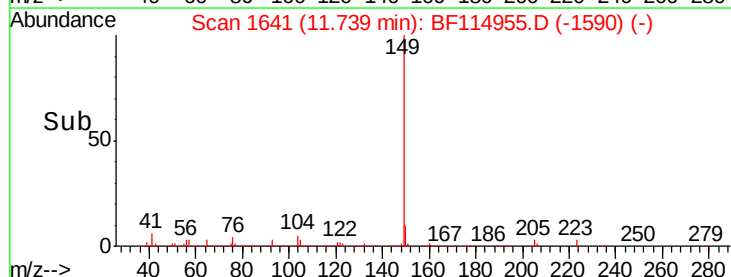
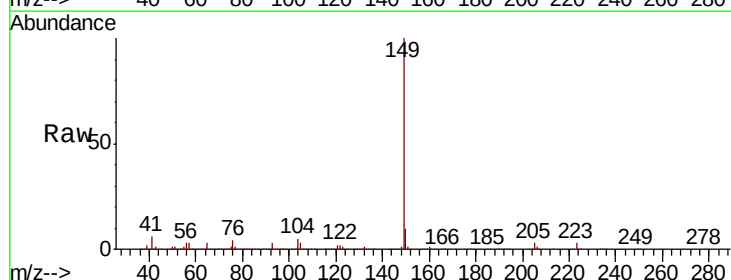
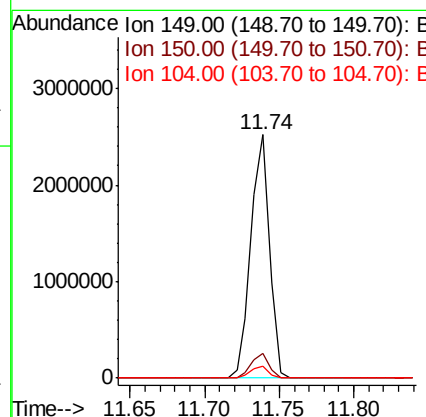
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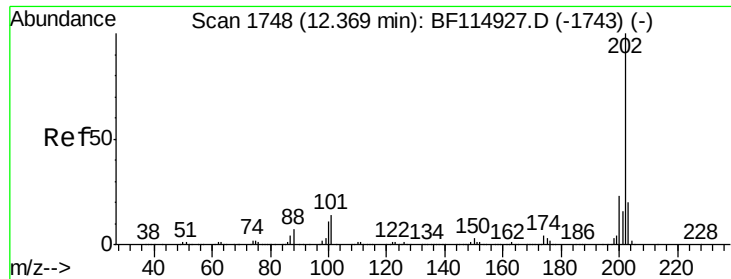
mohammad
 6/12/2019 9:09:02 AM



#74
 Di-n-butylphthalate
 Concen: 48.891 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.5	12.7
104	4.8	4.1	6.1





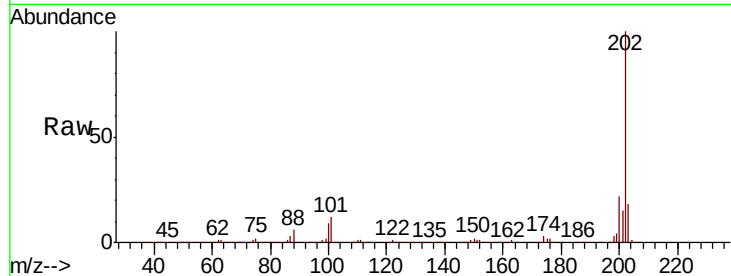
#75
Fluoranthene
Concen: 42.868 ng
RT: 12.37 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.3
203	18.2	0.0	39.6

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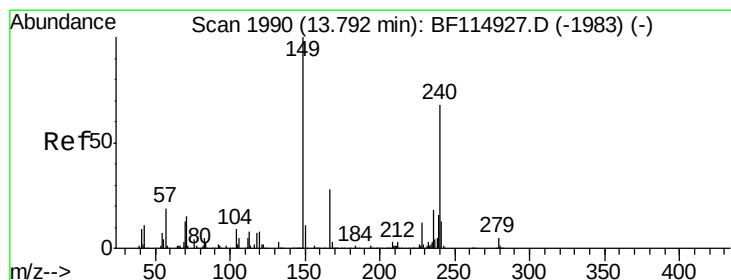
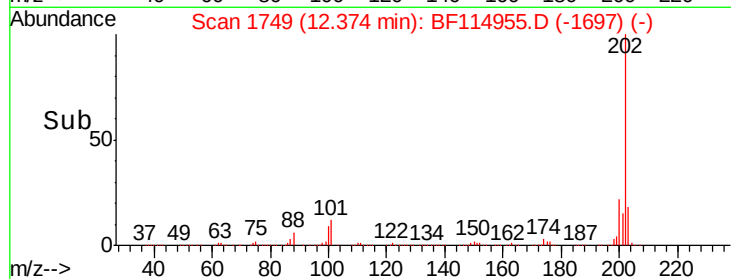
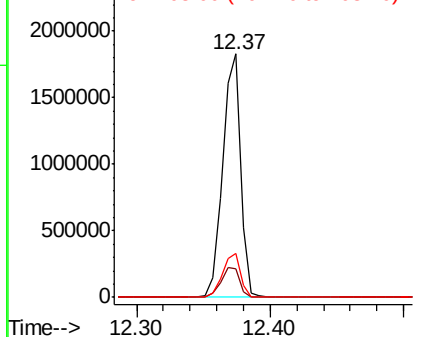


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

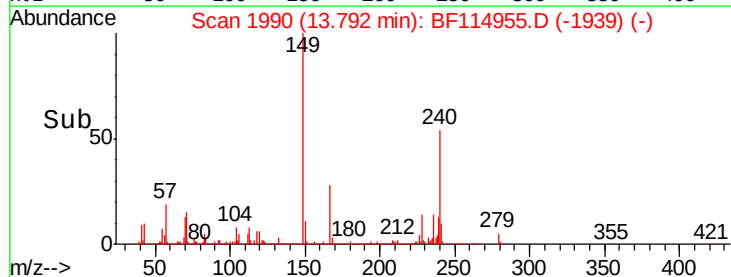
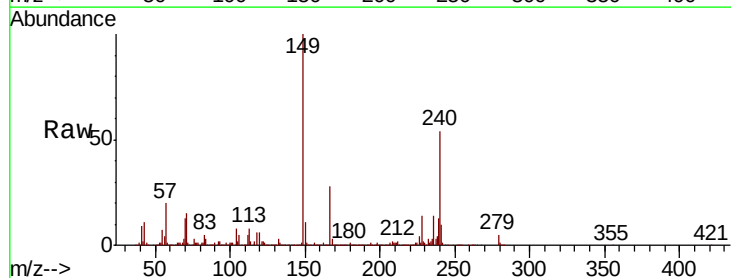
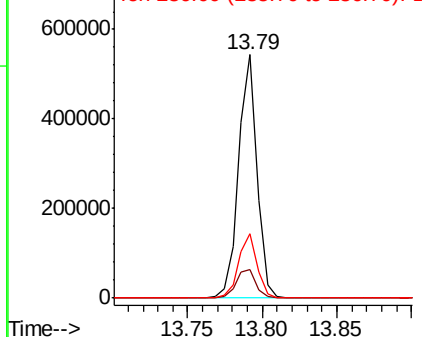
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.2	13.8
236	26.4	21.7	32.5

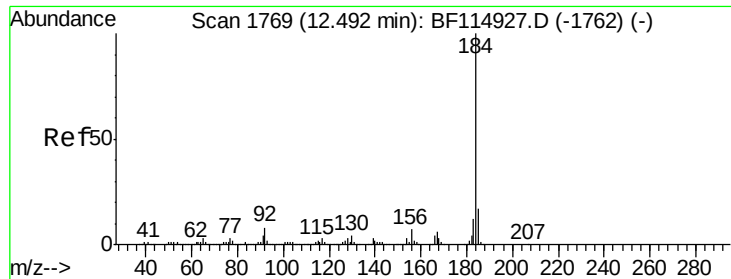
Abundance

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: 8.241 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

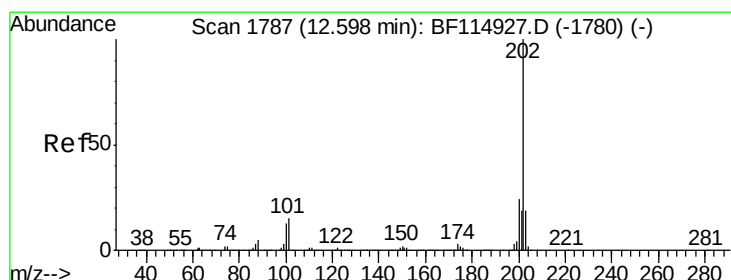
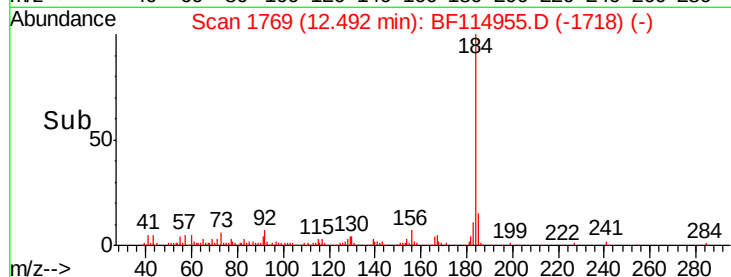
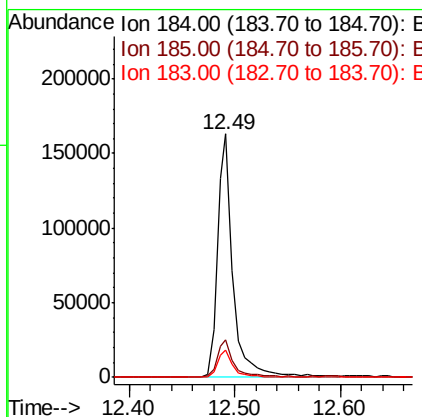
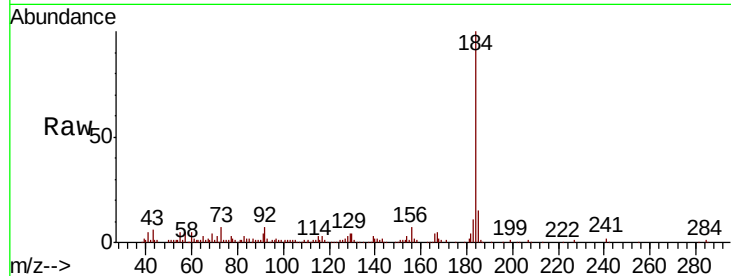
ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:	184	Resp:	169815
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.4	20.0
183	11.4	9.8	14.6

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#78

Pyrene

Concen: 41.950 ng

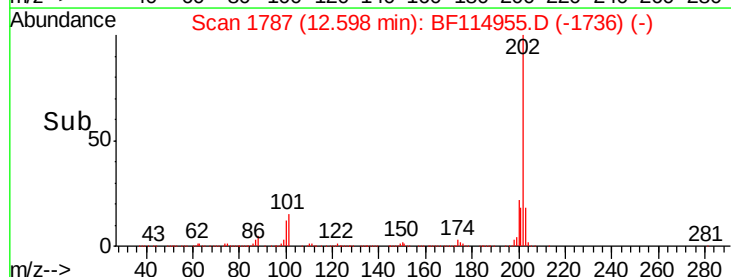
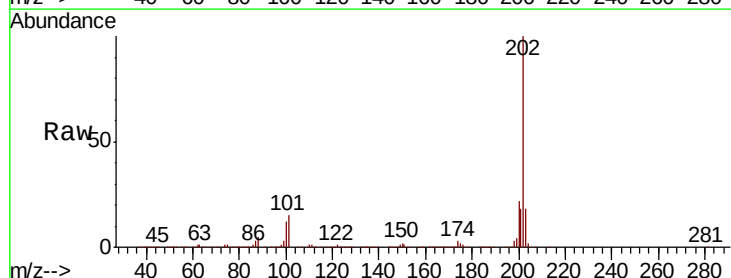
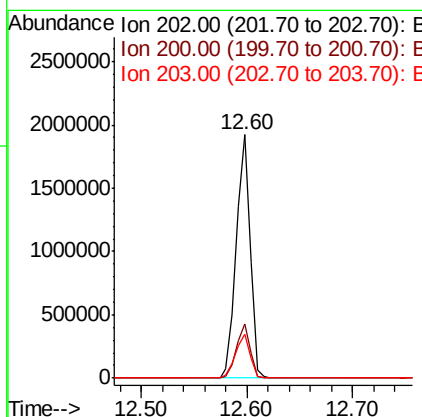
RT: 12.60 min Scan# 1787

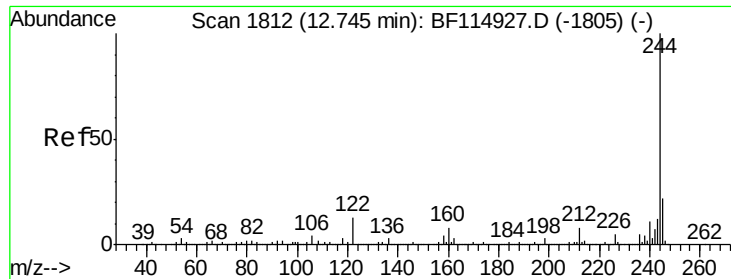
Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Tgt Ion:	202	Resp:	1720170
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.9	28.3
203	18.1	15.2	22.8





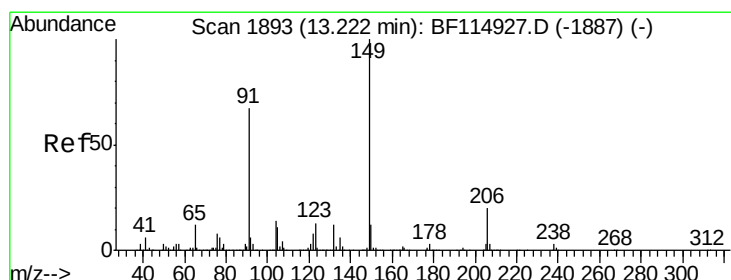
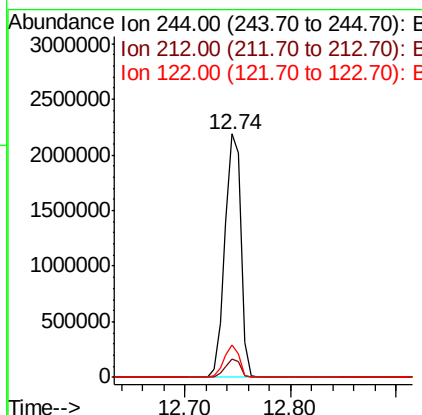
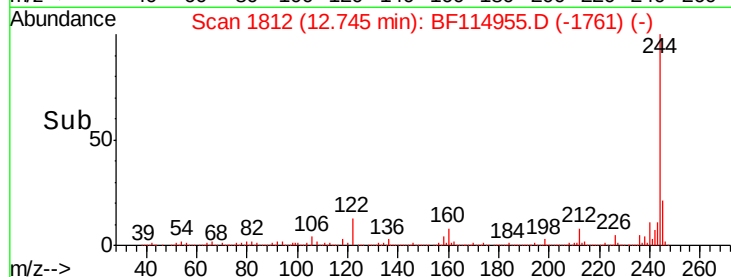
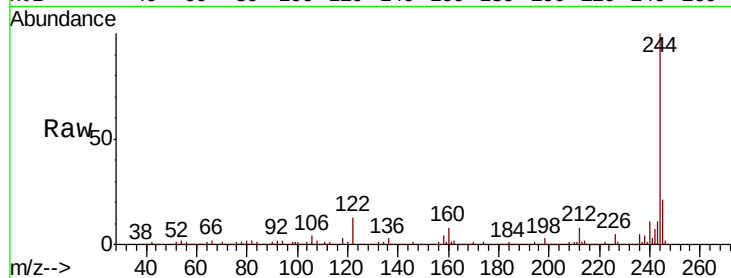
#79
 Terphenyl-d14
 Concen: 97.173 ng
 RT: 12.74 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	13.1	10.2	15.4

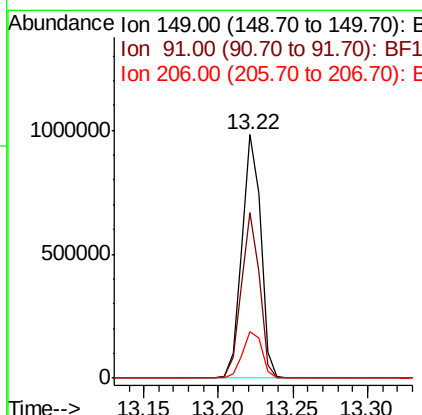
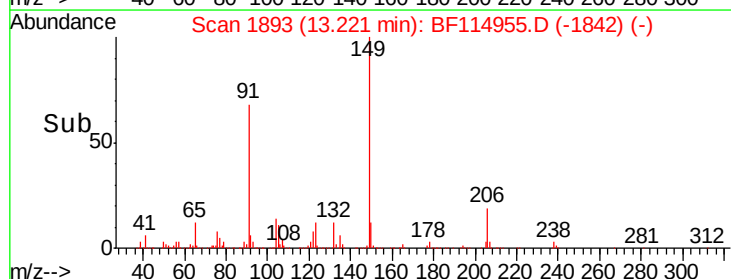
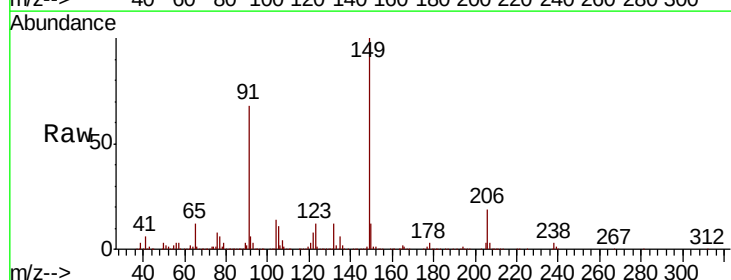
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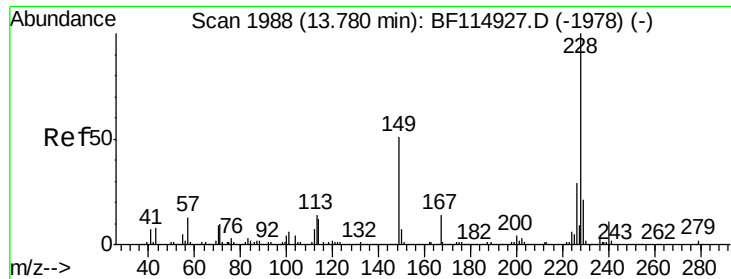
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#80
 Butylbenzylphthalate
 Concen: 42.580 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.9	53.8	80.8
206	19.2	16.3	24.5





#81

Benzo(a)anthracene

Concen: 42.906 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE-1MSD

Tot Ion:228 Resp: 1493706

Ion Ratio Lower Upper

228 100

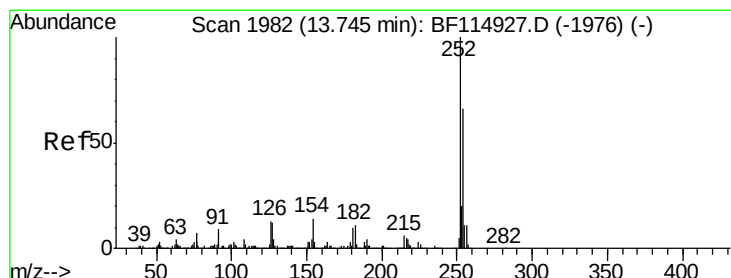
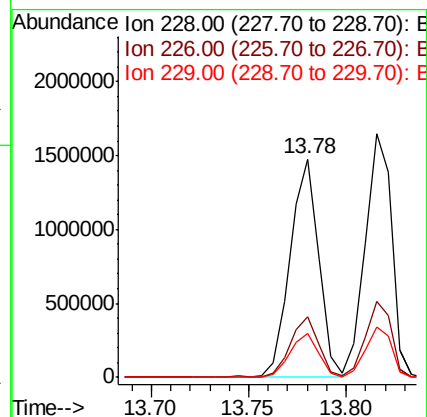
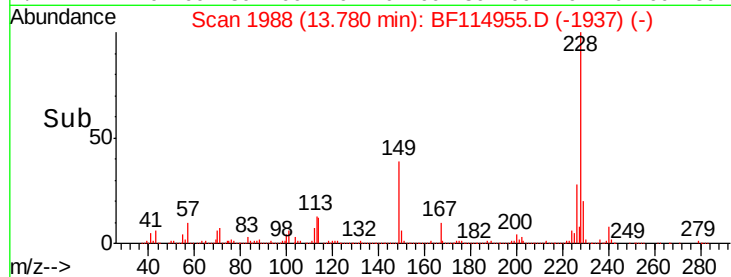
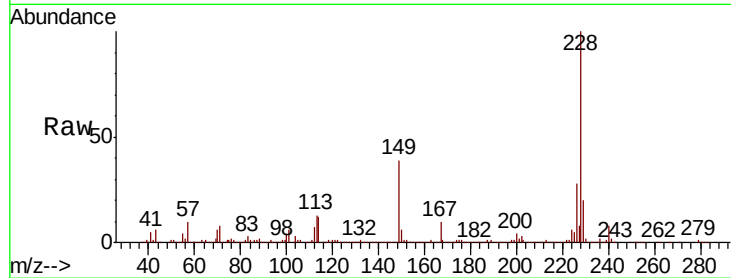
226 27.8 22.8 34.2

229 20.1 16.6 25.0

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#82

3,3'-Dichlorobenzidine

Concen: 27.378 ng

RT: 13.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BF114955.D

Acq: 11 Jun 2019 20:42

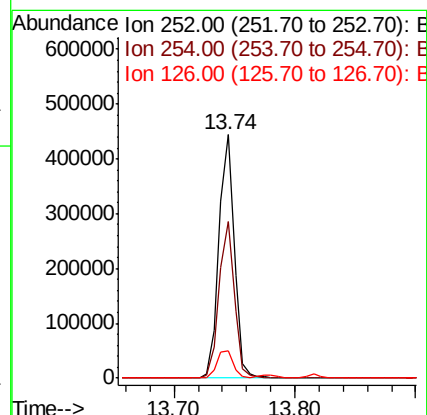
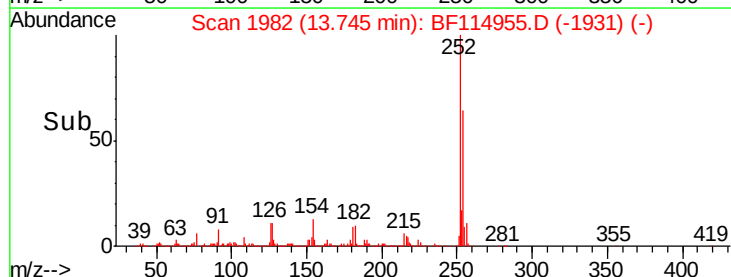
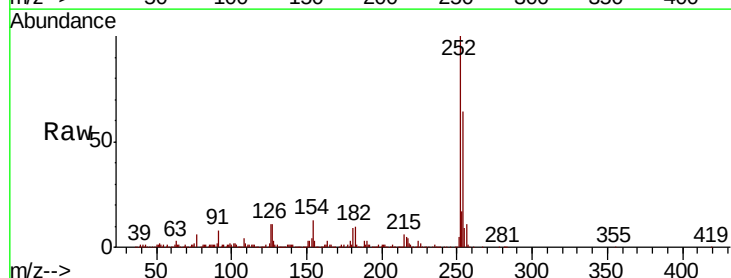
Tgt Ion:252 Resp: 389059

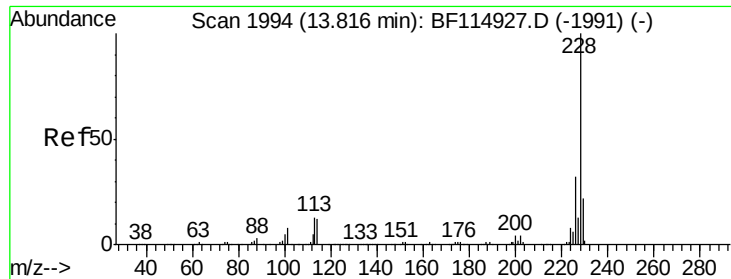
Ion Ratio Lower Upper

252 100

254 64.3 52.6 78.8

126 11.0 10.4 15.6





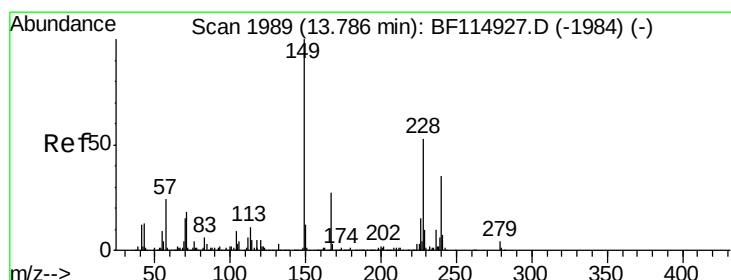
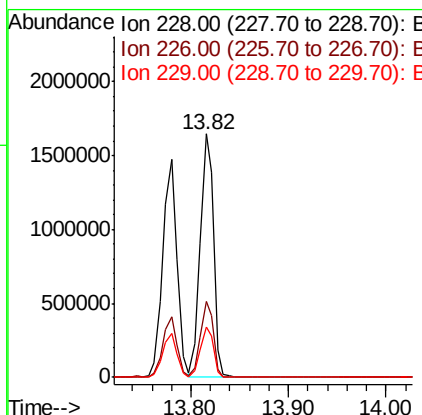
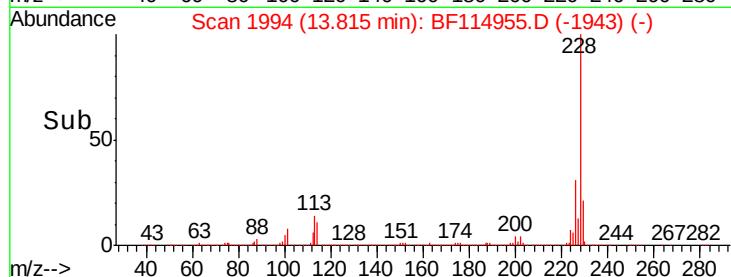
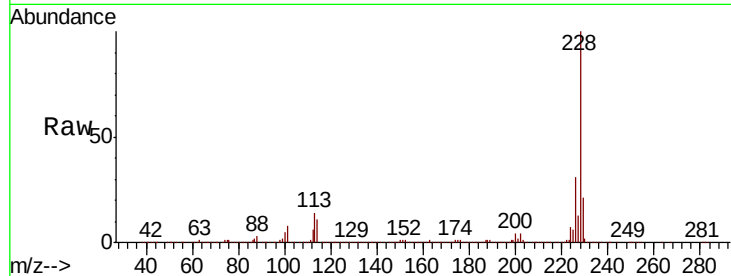
#83
 Chrysene
 Concen: 44.456 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE-1MSD

Tot Ion:228 Resp: 1554158
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.8 38.8
 229 20.7 17.2 25.8

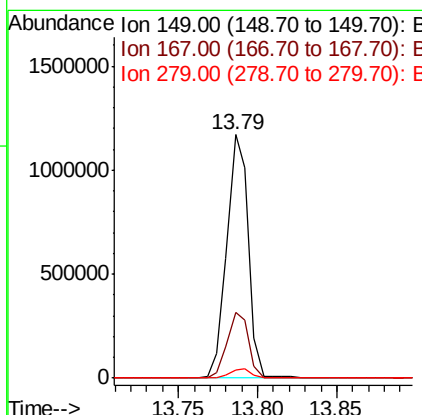
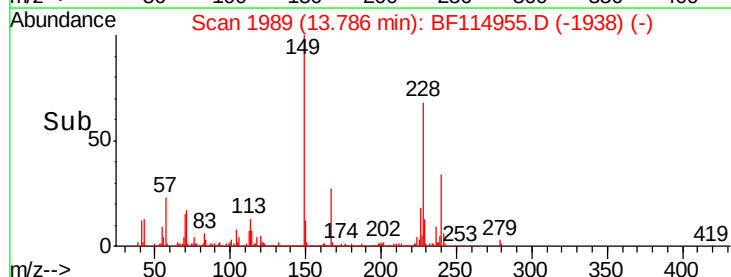
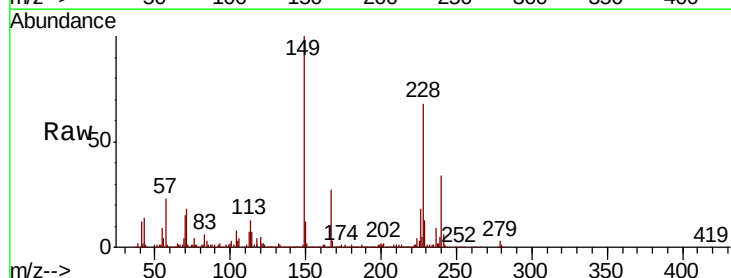
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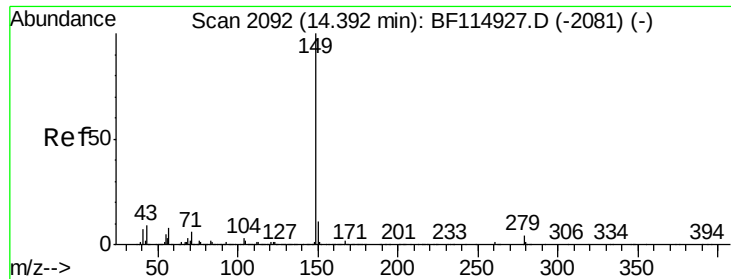
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.153 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF114955.D
 Acq: 11 Jun 2019 20:42

Tgt Ion:149 Resp: 1091941
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.9 32.9
 279 3.4 3.2 4.8





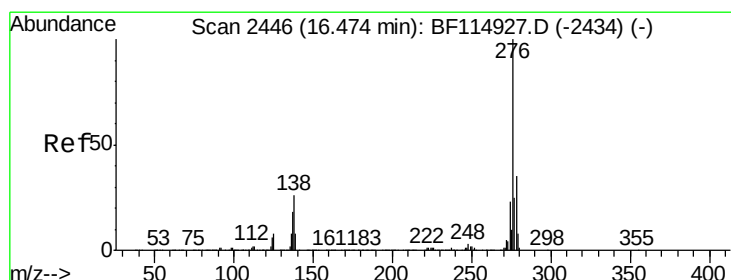
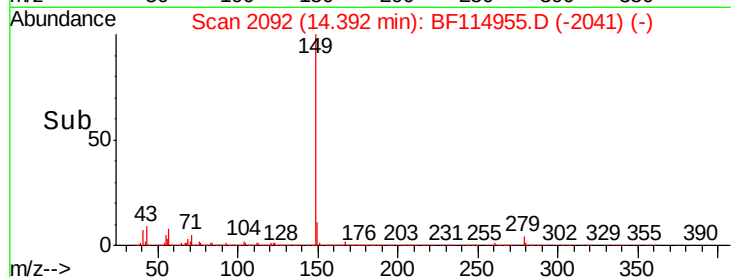
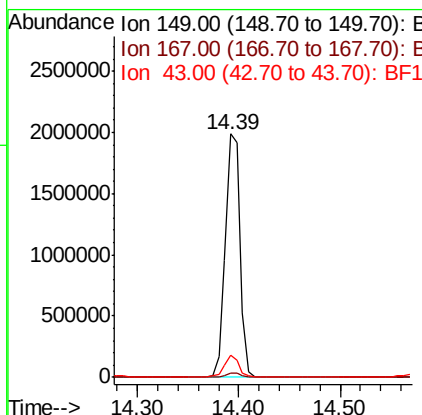
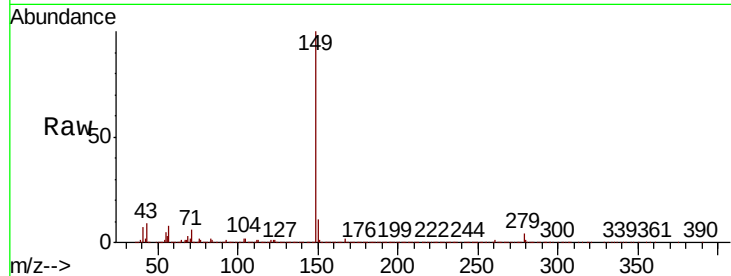
#85
Di-n-octyl phthalate
Concen: 45.899 ng
RT: 14.39 min Scan# 2092
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.2	6.8	10.2

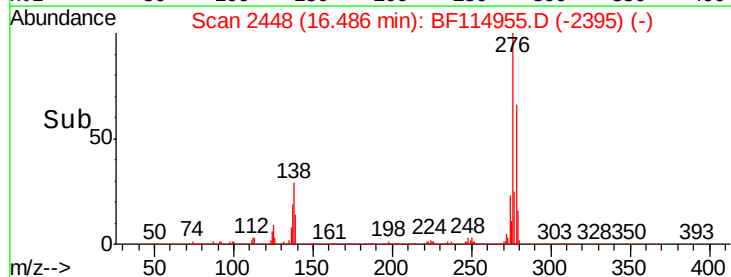
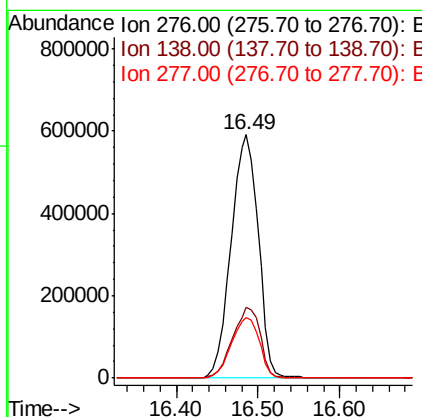
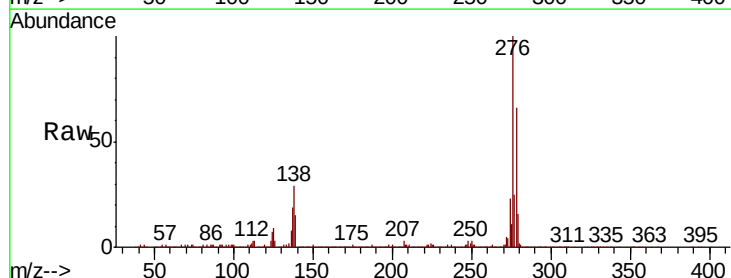
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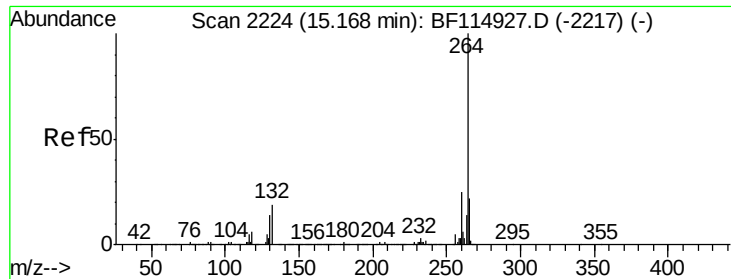
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.491 ng
RT: 16.49 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	23.3	34.9
277	25.6	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: BF114955.D

Acq: 11 Jun 2019 20:42

Instrument :

BNA_F

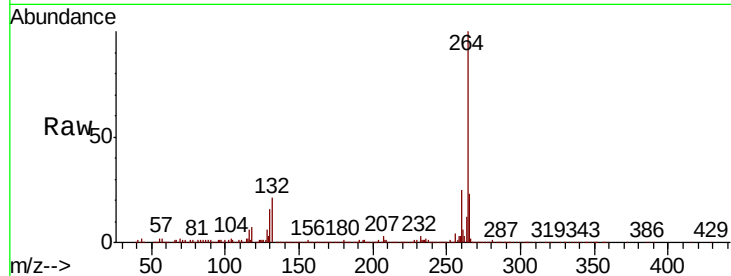
ClientSampleId :

STOCK-PILE-1MSD

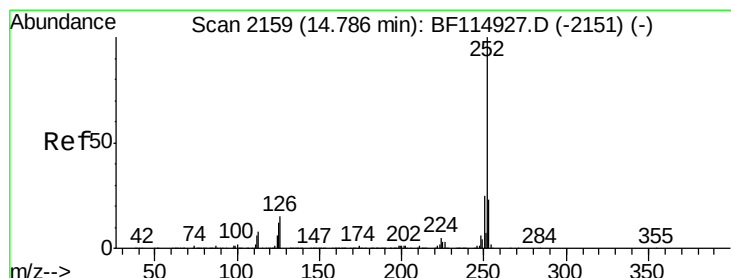
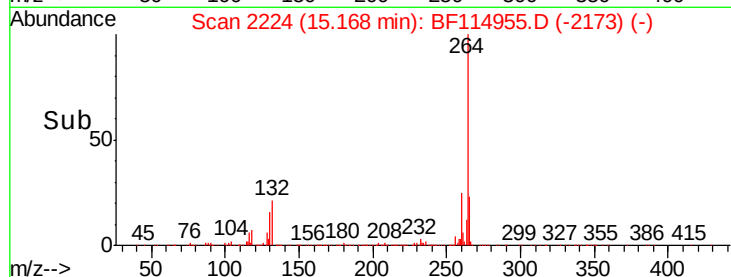
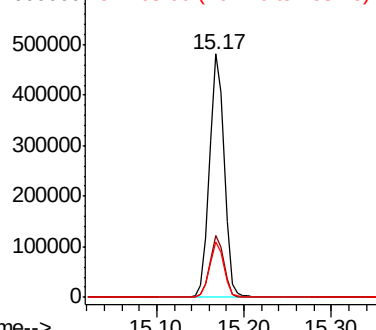
Tot Ion:	264	Resp:	541121
Ion Ratio	Lower	Upper	
264	100		
260	25.4	19.7	29.5
265	22.8	17.5	26.3

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.711 ng

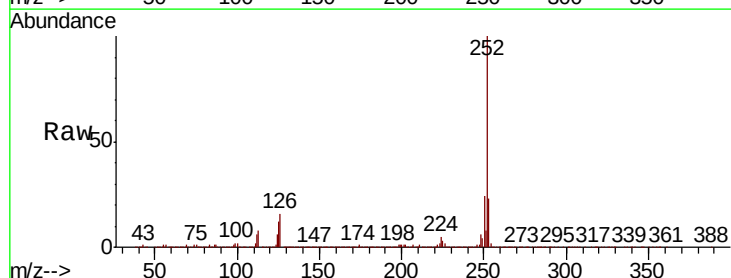
RT: 14.79 min Scan# 2159

Delta R.T. -0.00 min

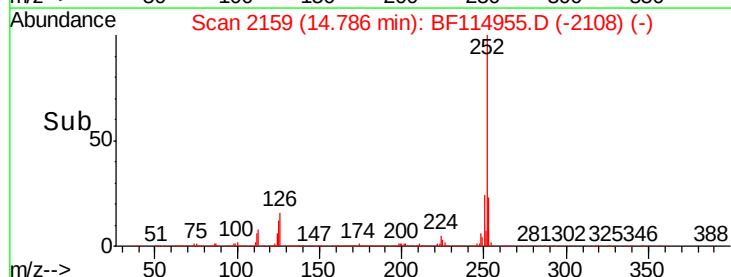
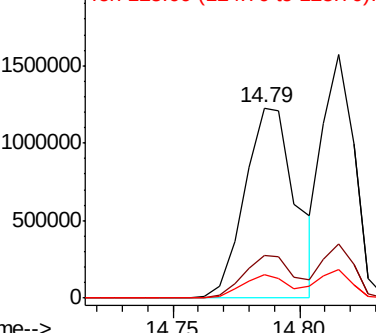
Lab File: BF114955.D

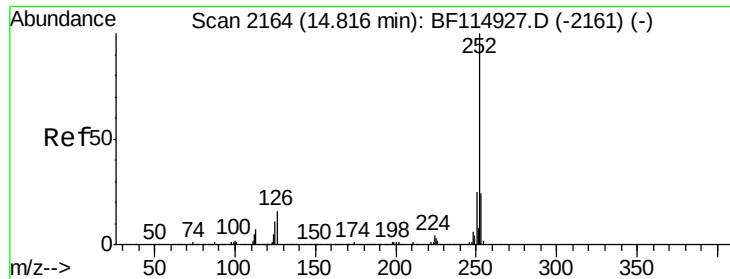
Acq: 11 Jun 2019 20:42

Tgt Ion:	252	Resp:	1716039
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.6	28.0
125	12.4	9.5	14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





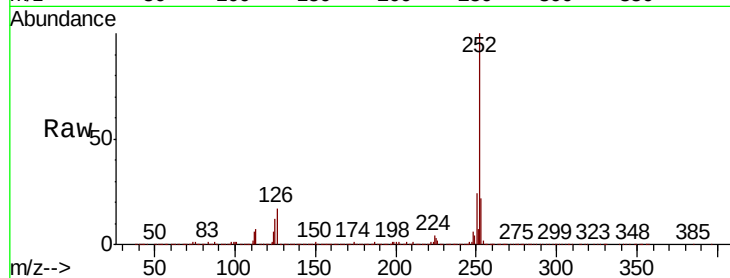
#89
Benzo(k)fluoranthene
Concen: 44.764 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	11.6	9.2	13.8

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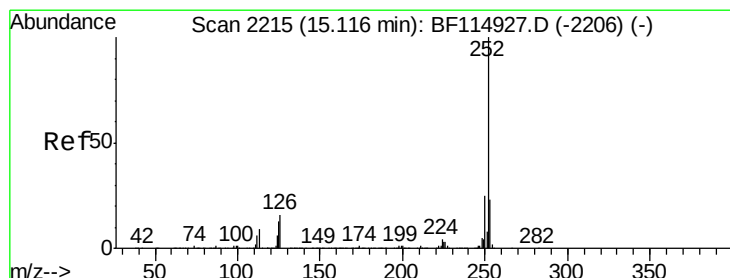
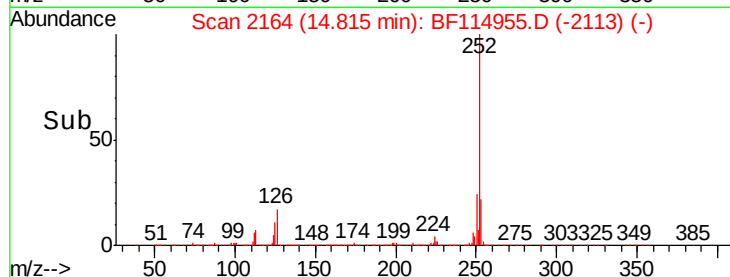
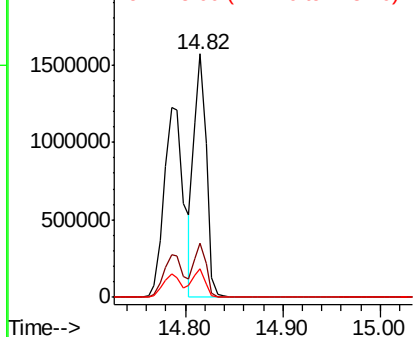


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 47.632 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

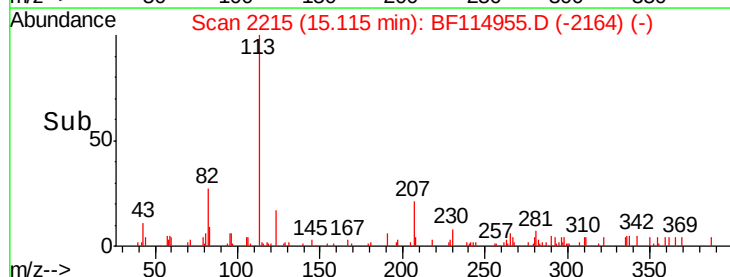
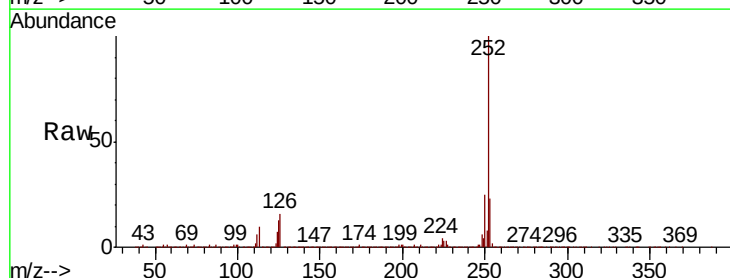
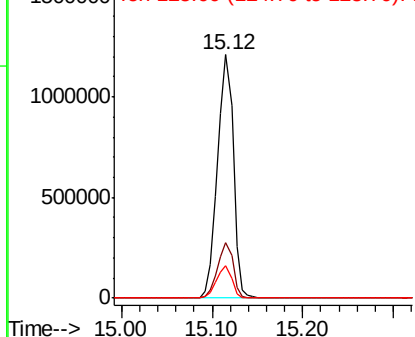
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.2	10.1	15.1

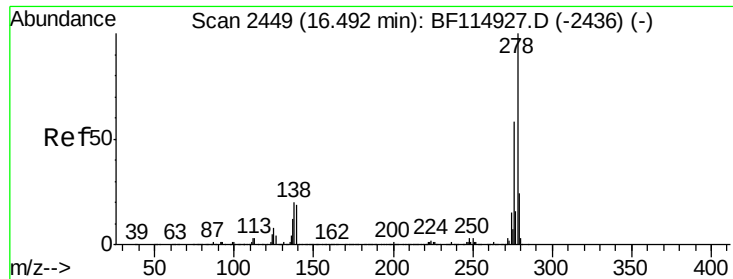
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





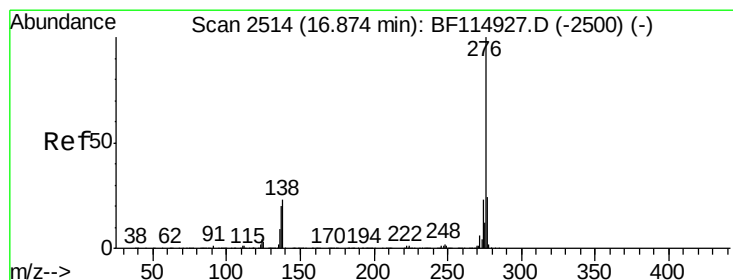
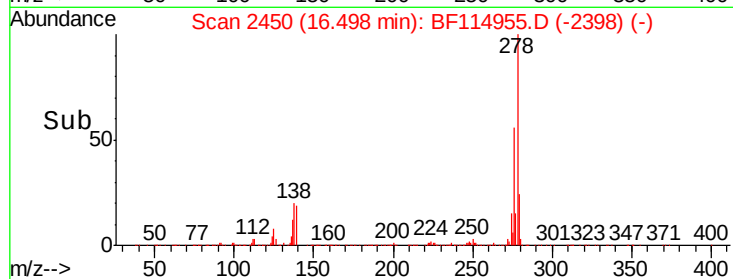
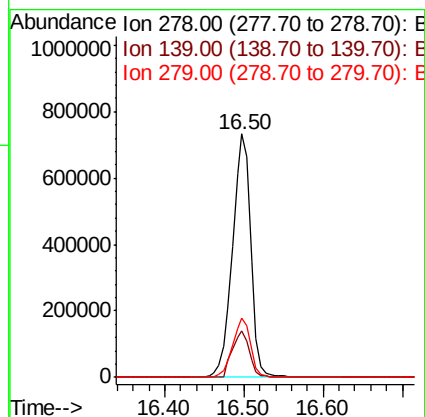
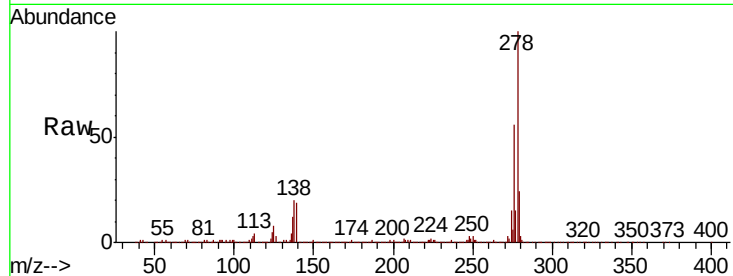
#91
Dibenzo(a,h)anthracene
Concen: 45.123 ng
RT: 16.50 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE-1MSD

Tot Ion:278 Resp: 1166286
Ion Ratio Lower Upper
278 100
139 19.1 15.1 22.7
279 24.3 19.6 29.4

Manual Integrations
APPROVED

mohammad
6/12/2019 9:09:02 AM



#92
Benzo(g,h,i)perylene
Concen: 42.159 ng
RT: 16.87 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BF114955.D
Acq: 11 Jun 2019 20:42

Tgt Ion:276 Resp: 1086179
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 25.2 18.7 28.1

