

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114858.D
 Acq On : 6 Jun 2019 13:03
 Operator : HP/JU
 Sample : K3150-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Manual Integrations
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 6/7/2019 2:11:24 PM

Quant Time: Jun 07 00:22:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	448905	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1797185	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	906988	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1690862	20.00	ng	0.00
76) Chrysene-d12	13.80	240	870407	20.00	ng	0.01
87) Perylene-d12	15.19	264	1065002	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2909602	113.26	ng	0.04
7) Phenol-d6	6.32	99	3285058	105.09	ng	0.02
23) Nitrobenzene-d5	7.23	82	2500546	85.65	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	1095042	112.03	ng	0.01
45) 2-Fluorobiphenyl	9.03	172	4694562	96.96	ng	0.00
79) Terphenyl-d14	12.76	244	4075848	91.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	413356m	33.700	ng	
3) Pyridine	3.32	79	956395m	28.371	ng	
4) n-Nitrosodimethylamine	3.13	42	479938	38.901	ng	99
6) Aniline	6.33	93	249465	5.624	ng	# 1
8) 2-Chlorophenol	6.46	128	1207403	40.677	ng	98
9) Benzaldehyde	6.21	77	385412	17.774	ng	97
10) Phenol	6.33	94	1195704	33.448	ng	77
11) bis(2-Chloroethyl)ether	6.41	93	1168344	41.877	ng	97
12) 1,3-Dichlorobenzene	6.61	146	1325281	38.316	ng	99
13) 1,4-Dichlorobenzene	6.69	146	1349961	38.788	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1216251	38.695	ng	100
15) Benzyl Alcohol	6.82	79	954188	40.364	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1615590	40.490	ng	97
17) 2-Methylphenol	6.93	107	1044971	41.185	ng	97
18) Hexachloroethane	7.18	117	499357	38.120	ng	98
19) n-Nitroso-di-n-propylamine	7.10	70	855238	41.330	ng	99
20) 3+4-Methylphenols	7.09	107	1192000	42.594	ng	90
22) Acetophenone	7.08	105	1745768	44.121	ng	# 98
24) Nitrobenzene	7.25	77	1297410	42.897	ng	99
25) Isophorone	7.50	82	2498123	43.283	ng	99
26) 2-Nitrophenol	7.57	139	730705	44.607	ng	95
27) 2,4-Dimethylphenol	7.62	122	1177340	47.287	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1597070	43.288	ng	99
29) 2,4-Dichlorophenol	7.82	162	1163988	44.436	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	1258623	41.876	ng	99
31) Naphthalene	7.97	128	3711867	45.877	ng	99
32) Benzoic acid	7.74	122	494398	27.264	ng	98
33) 4-Chloroaniline	8.02	127	118610	3.073	ng	96
34) Hexachlorobutadiene	8.10	225	685665	40.126	ng	98
35) Caprolactam	8.40	113	251637m	29.407	ng	
36) 4-Chloro-3-methylphenol	8.51	107	1179400	45.248	ng	98
37) 2-Methylnaphthalene	8.66	142	2606342	46.442	ng	100
38) 1-Methylnaphthalene	8.76	142	2468298	46.378	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1091775	41.770	ng	99

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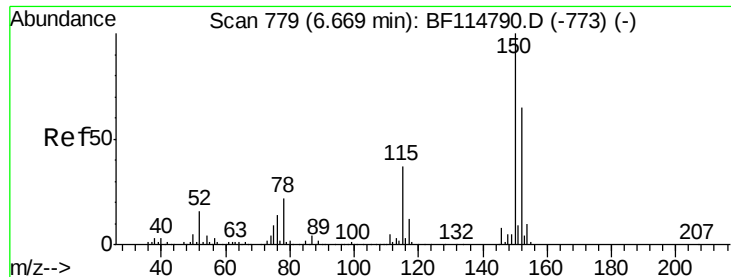
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Quant Time: Jun 07 00:22:05 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	1112509	70.179	nq	100
43) 2,4,6-Trichlorophenol	8.95	196	944052	46.449	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	767931	37.517	nq	97
46) 1,1'-Biphenyl	9.13	154	2982710	44.371	nq	98
47) 2-Chloronaphthalene	9.15	162	2371963	41.526	nq	100
48) 2-Nitroaniline	9.25	65	685776	40.231	nq	99
49) Acenaphthylene	9.56	152	3614495	43.636	nq	100
50) Dimethylphthalate	9.44	163	2450089	36.986	nq	99
51) 2,6-Dinitrotoluene	9.49	165	608284	39.045	nq	99
52) Acenaphthene	9.73	154	2291758	42.236	nq	99
53) 3-Nitroaniline	9.65	138	93561	5.141	nq	94
54) 2,4-Dinitrophenol	9.76	184	268200	38.045	nq	91
55) Dibenzofuran	9.91	168	3092145	40.981	nq	99
56) 4-Nitrophenol	9.83	139	885949	66.435	nq	98
57) 2,4-Dinitrotoluene	9.90	165	788651	40.269	nq	97
58) Fluorene	10.25	166	2182424	45.164	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	675715	40.294	nq	100
60) Diethylphthalate	10.13	149	2560572	38.521	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	1107908	38.337	nq	97
62) 4-Nitroaniline	10.27	138	606645	34.367	nq	99
63) Azobenzene	10.40	77	2281407	40.320	nq	99
65) 4,6-Dinitro-2-methylphenol	10.30	198	235057	26.762	nq	89
66) n-Nitrosodiphenylamine	10.36	169	2213090	43.285	nq	99
67) 4-Bromophenyl-phenylether	10.73	248	795628	41.430	nq	99
68) Hexachlorobenzene	10.80	284	840053	39.970	nq	98
69) Atrazine	10.89	200	729948	41.050	nq	98
70) Pentachlorophenol	10.99	266	813068	66.919	nq	99
71) Phenanthrene	11.20	178	3394712	42.055	nq	99
72) Anthracene	11.26	178	3370180	39.673	nq	99
73) Carbazole	11.40	167	3073150	42.200	nq	100
74) Di-n-butylphthalate	11.75	149	3785879	39.526	nq	100
75) Fluoranthene	12.38	202	3384278	40.282	nq	98
77) Benzidine	12.50	184	397736	9.230	nq	95
78) Pyrene	12.61	202	3312692	43.872	nq	99
80) Butylbenzylphthalate	13.23	149	1744672	45.756	nq	99
81) Benzo(a)anthracene	13.79	228	2757176	41.107	nq	100
82) 3,3'-Dichlorobenzidine	13.75	252	319629	11.752	nq	99
83) Chrysene	13.83	228	2802997	42.958	nq	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2068872	42.909	nq	100
85) Di-n-octyl phthalate	14.41	149	3673744	44.842	nq	100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2710645	36.410	nq	99
88) Benzo(b)fluoranthene	14.80	252	3043358	44.887	nq	99
89) Benzo(k)fluoranthene	14.83	252	2376396	41.274	nq	99
90) Benzo(a)pyrene	15.13	252	2590642	44.146	nq	100
91) Dibenzo(a,h)anthracene	16.52	278	2227026	40.073	nq	99
92) Benzo(g,h,i)perylene	16.90	276	2232001	39.939	nq	98

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



#1

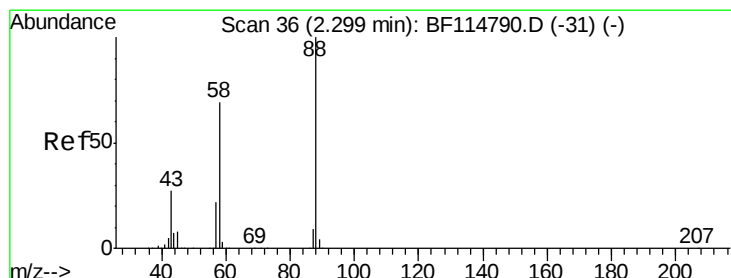
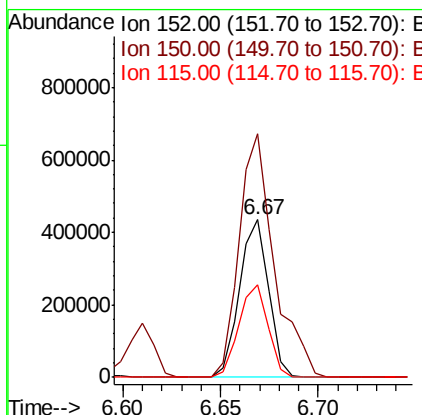
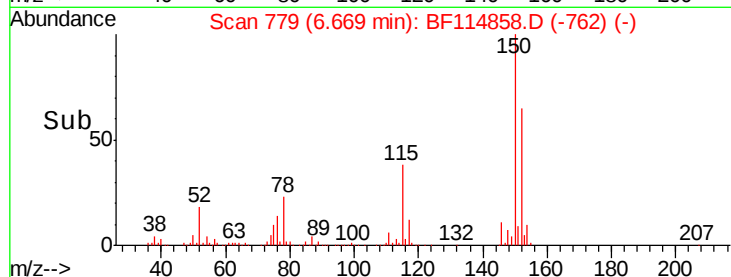
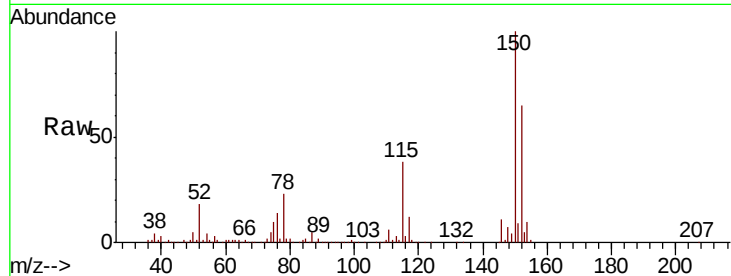
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.0	186.0
115	58.9	46.3	69.5

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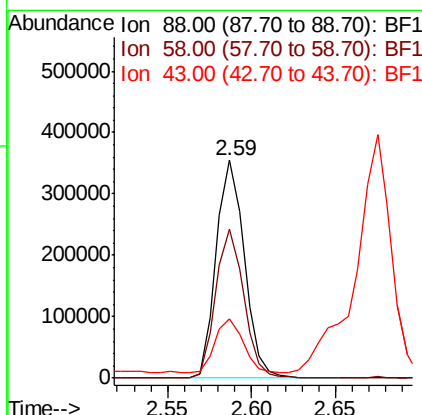
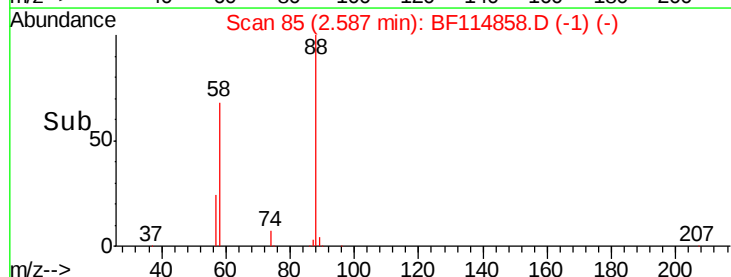
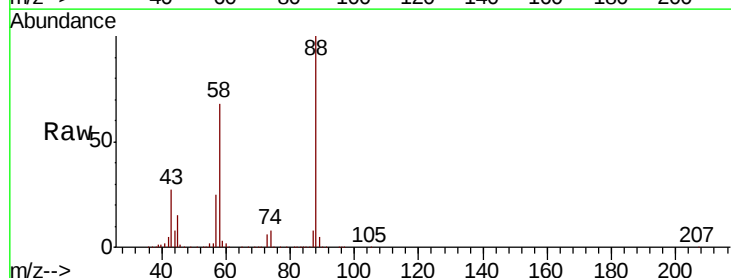
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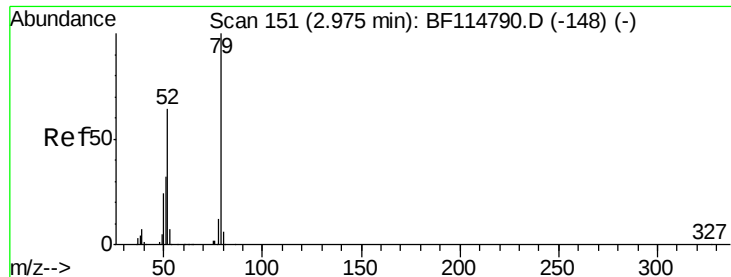


#2

1,4-Dioxane
Concen: 33.700 ng m
RT: 2.59 min Scan# 85
Delta R.T. 0.29 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.8	80.8#
43	0.0	20.7	31.1#





#3

Pvridine

Concen: 28.371 ng m

RT: 3.32 min Scan# 210

Delta R.T. 0.35 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

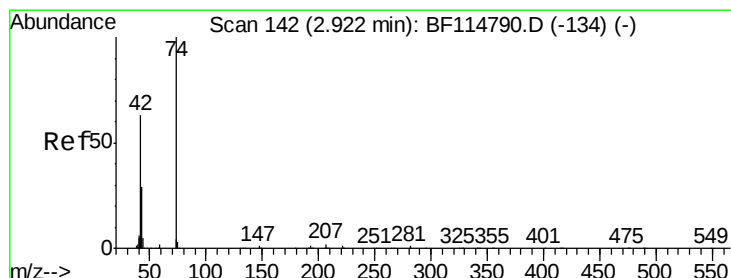
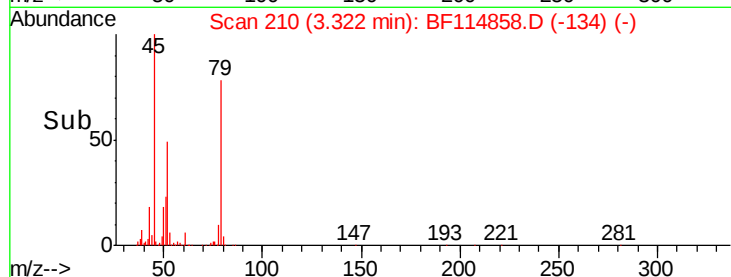
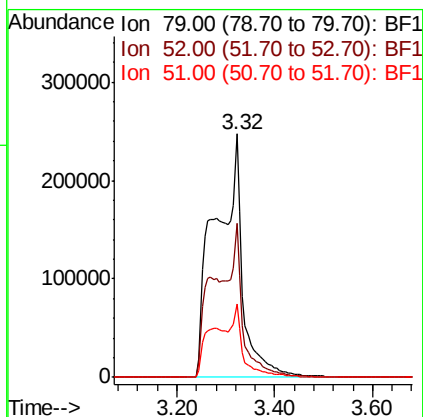
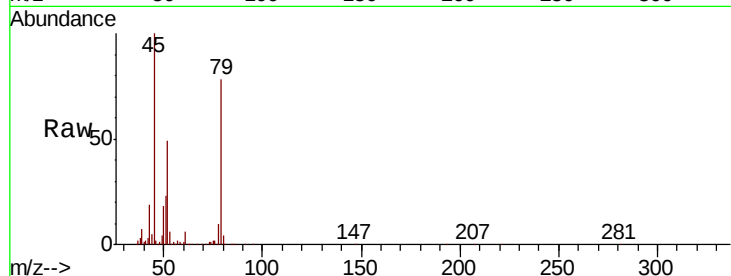
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:	79	Resp:	956395
Ion	Ratio	Lower	Upper
79	100		
52	63.2	51.0	76.4
51	30.1	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 38.901 ng

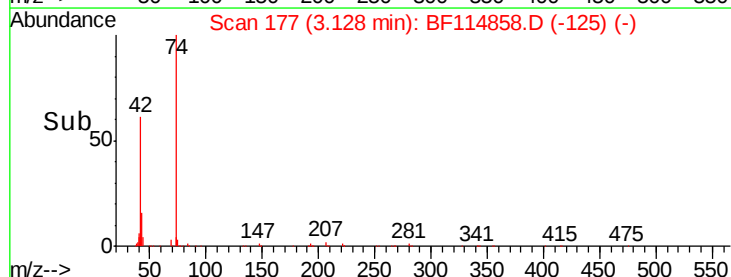
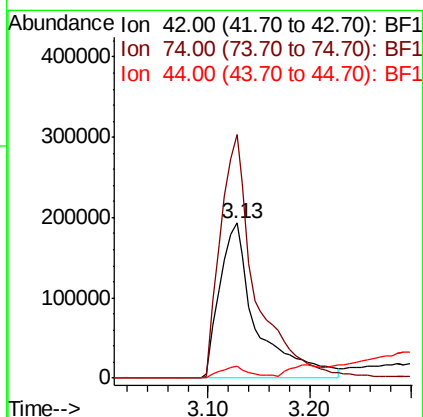
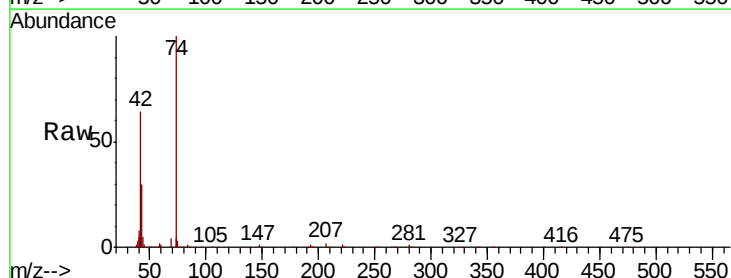
RT: 3.13 min Scan# 177

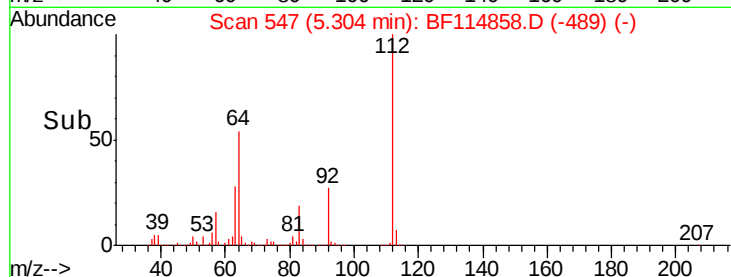
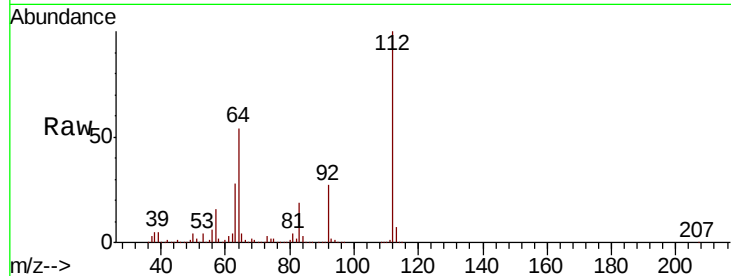
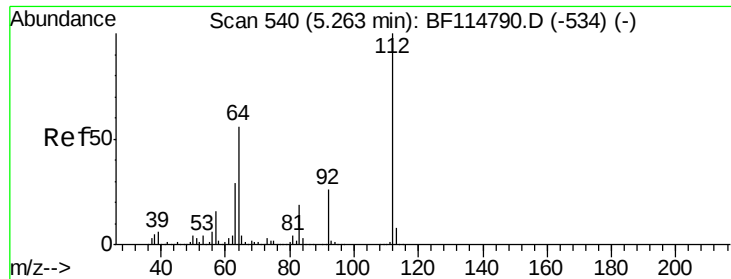
Delta R.T. 0.21 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion:	42	Resp:	479938
Ion	Ratio	Lower	Upper
42	100		
74	156.8	126.2	189.2
44	7.3	5.9	8.9





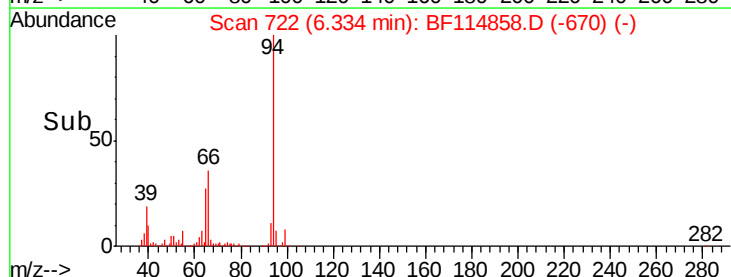
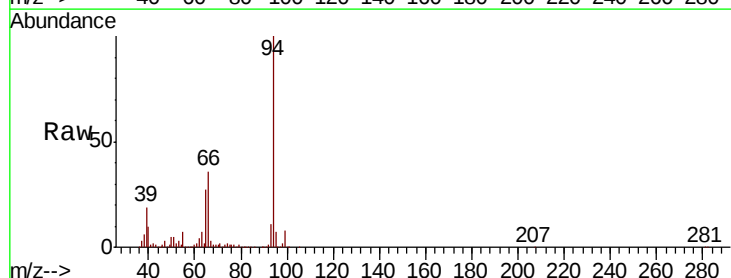
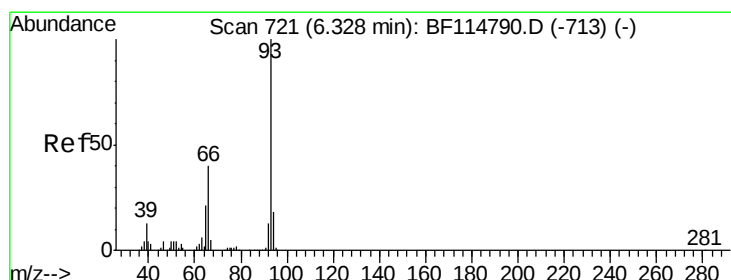
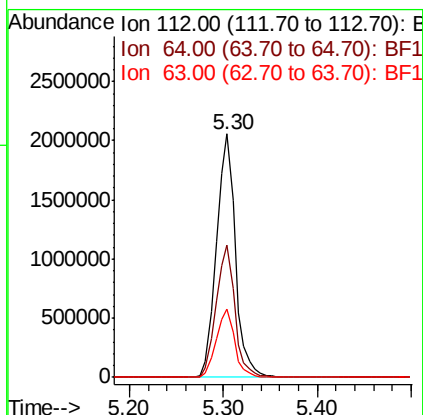
#5
2-Fluorophenol
Concen: 113.256 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.04 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.6	66.8
63	27.9	23.0	34.4

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

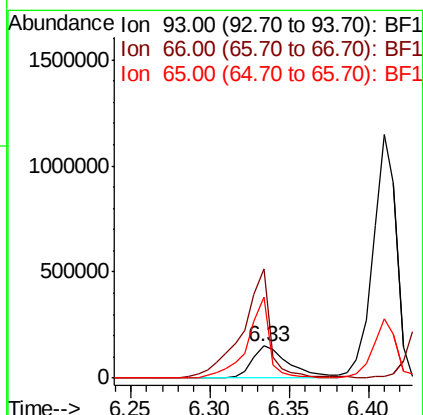
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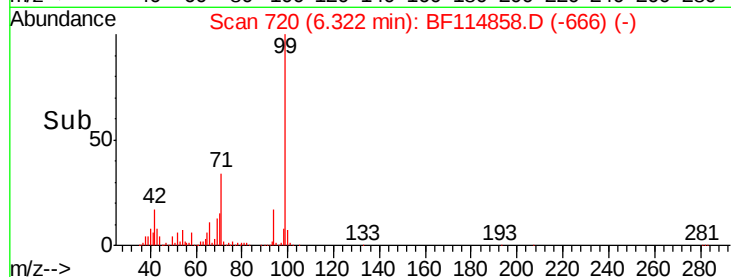
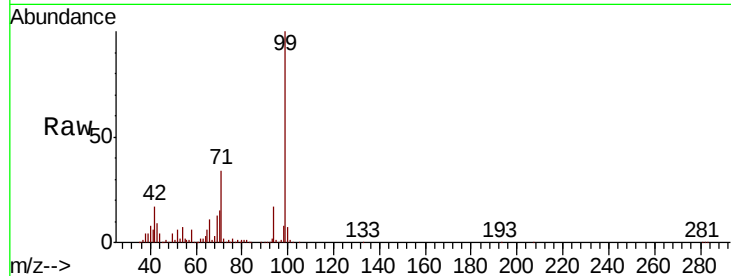
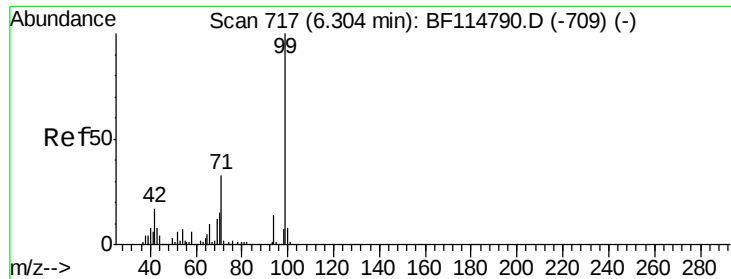
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#6
Aniline
Concen: 5.624 ng
RT: 6.33 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	336.9	32.8	49.2#
65	249.4	16.9	25.3#





#7

Phenol-d6

Concen: 105.087 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tot Ion: 99 Resp: 3285058

Ion Ratio Lower Upper

99 100

42 16.8 13.3 19.9

71 33.6 26.3 39.5

Instrument :

BNA_F

ClientSampleId :

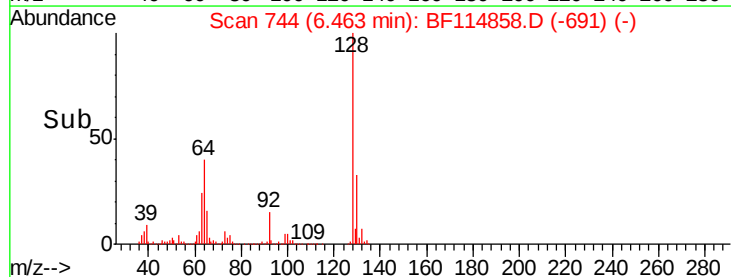
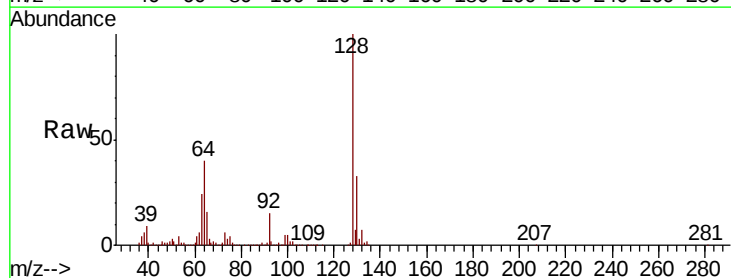
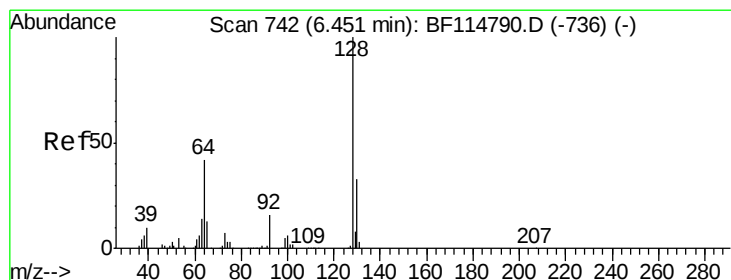
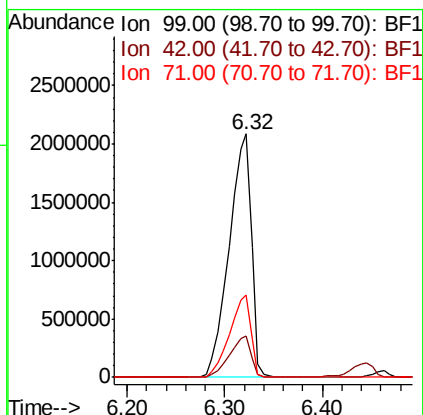
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#8

2-Chlorophenol

Concen: 40.677 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

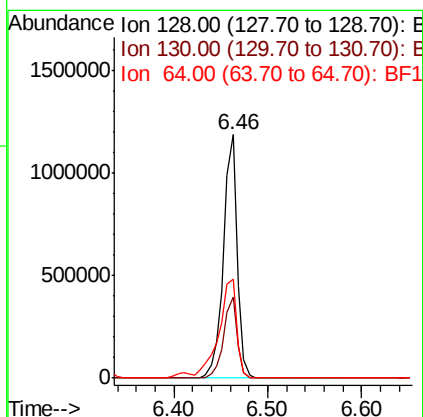
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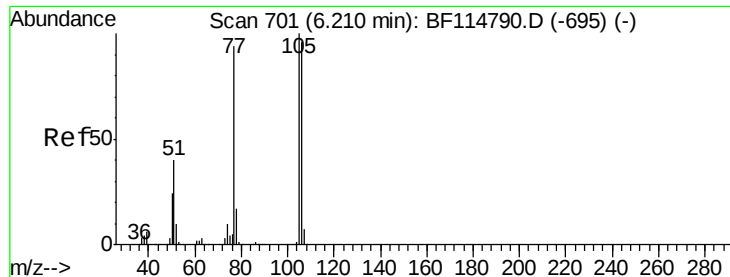
Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

64 40.4 22.5 62.5





#9

Benzaldehyde

Concen: 17.774 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

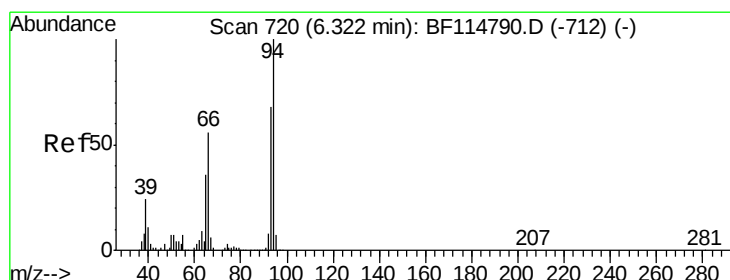
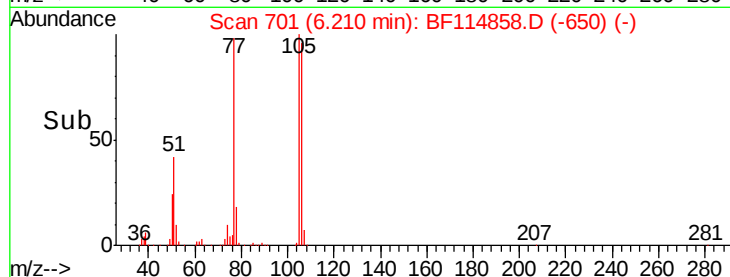
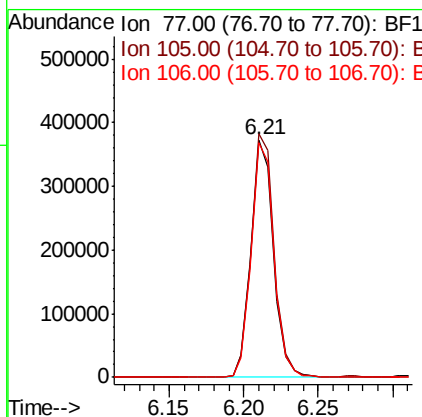
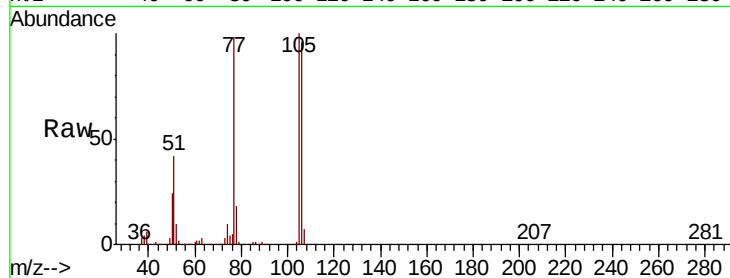
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.4	85.8	125.8
106	98.7	81.6	121.6

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#10

Phenol

Concen: 33.448 ng

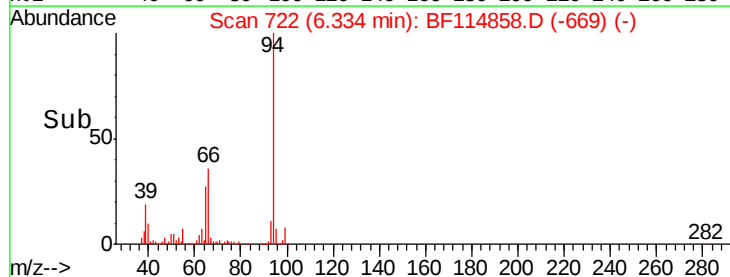
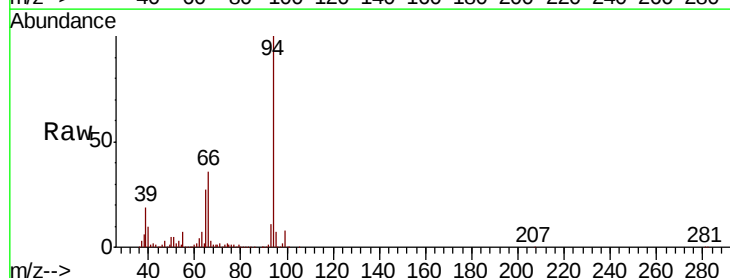
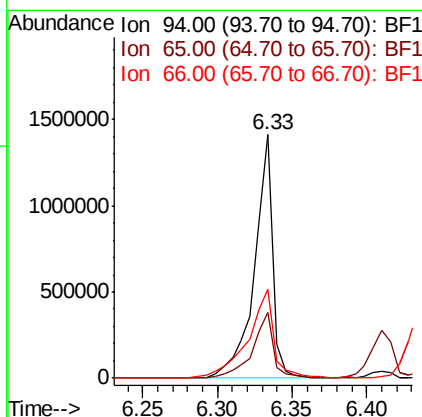
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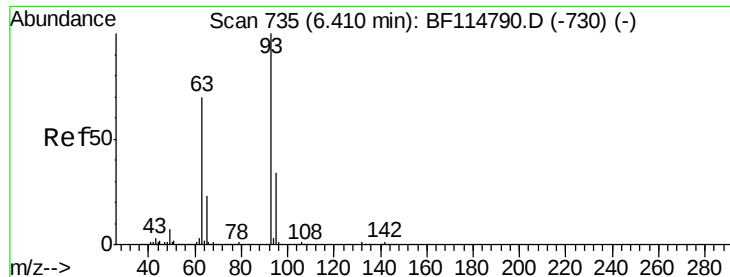
Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	16.1	56.1
66	36.4	36.3	76.3





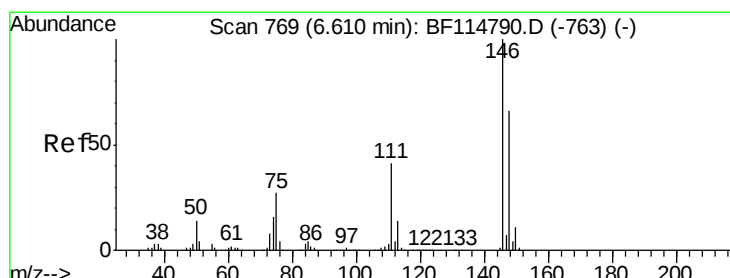
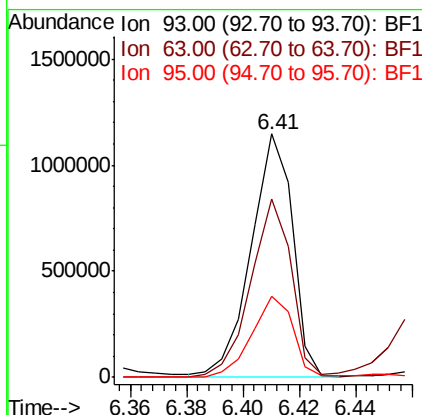
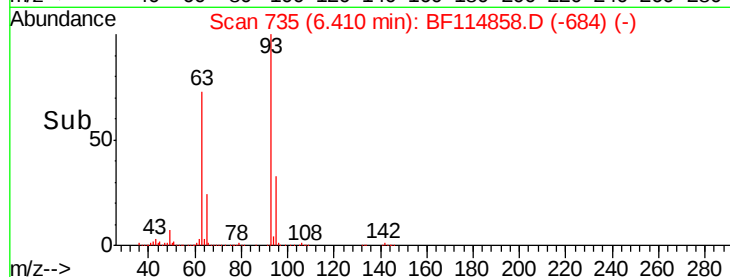
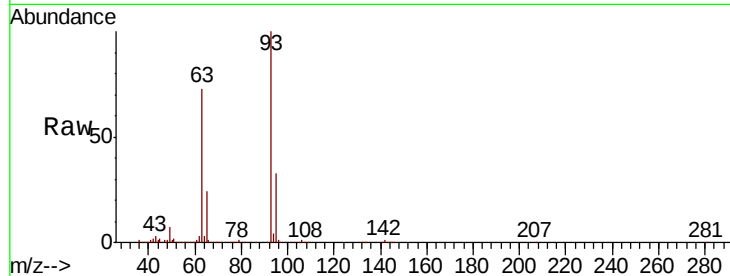
#11
bis(2-Chloroethyl)ether
Concen: 41.877 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion: 93 Resp: 1168344
Ion Ratio Lower Upper
93 100
63 73.2 49.6 89.6
95 33.3 13.6 53.6

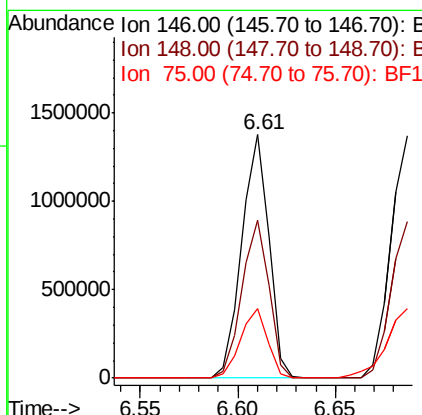
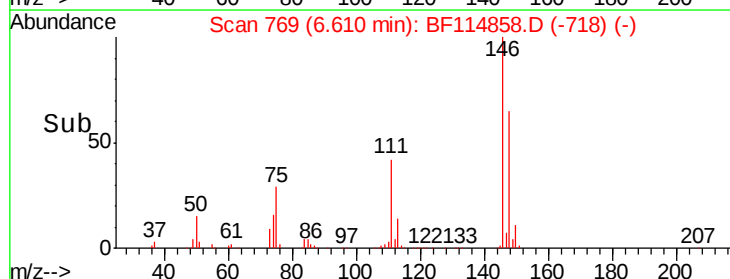
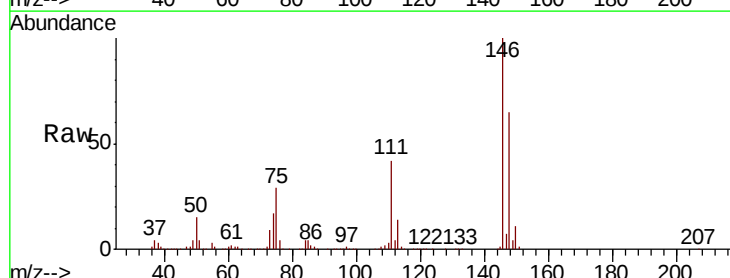
Manual Integrations
APPROVED

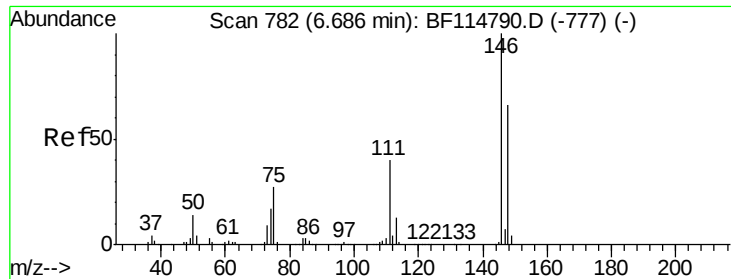
mohammad
6/7/2019 2:11:24 PM



#12
1,3-Dichlorobenzene
Concen: 38.316 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion: 146 Resp: 1325281
Ion Ratio Lower Upper
146 100
148 65.1 52.7 79.1
75 28.7 22.0 33.0





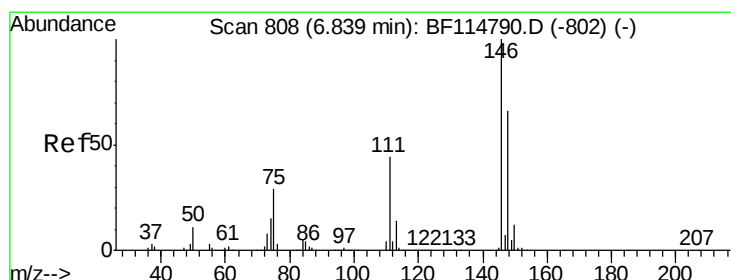
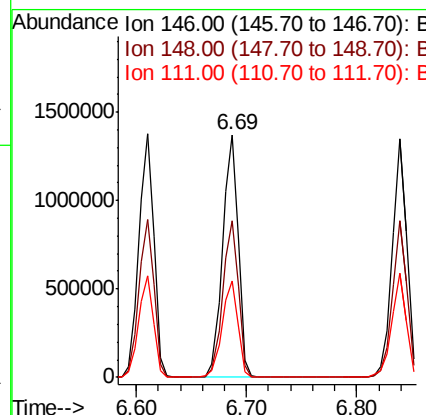
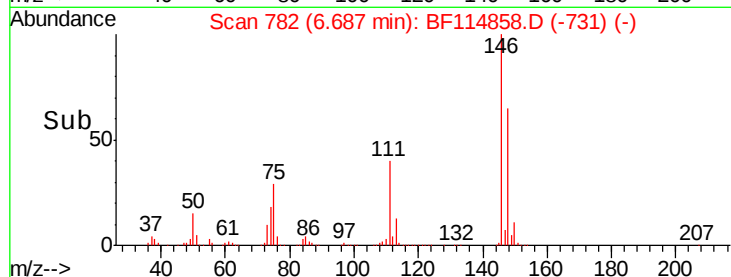
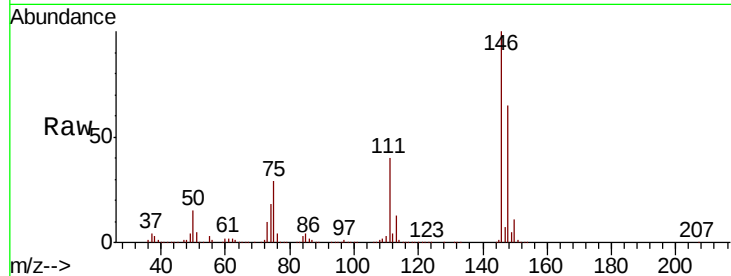
#13
 1,4-Dichlorobenzene
 Concen: 38.788 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.0	79.4
111	40.0	32.2	48.4

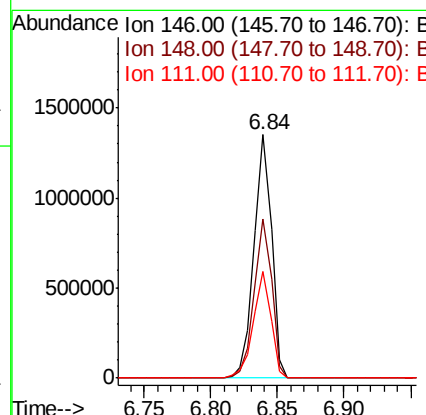
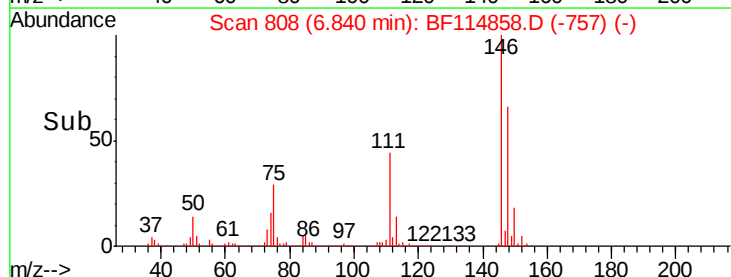
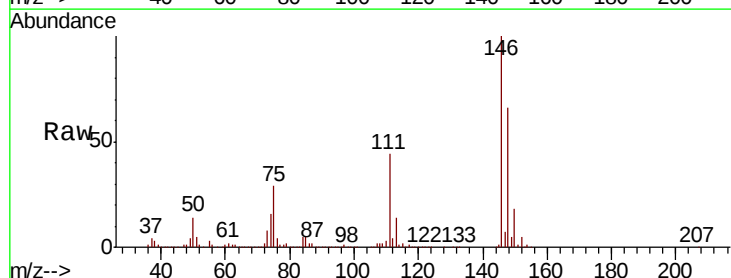
Manual Integrations
 APPROVED

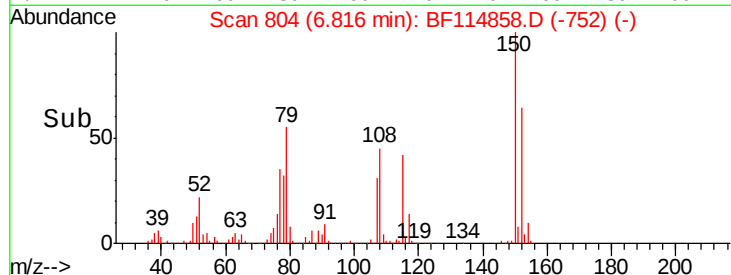
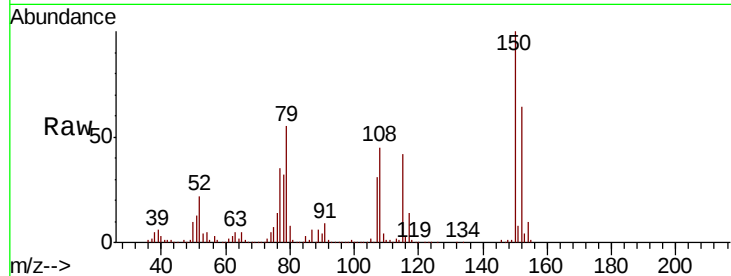
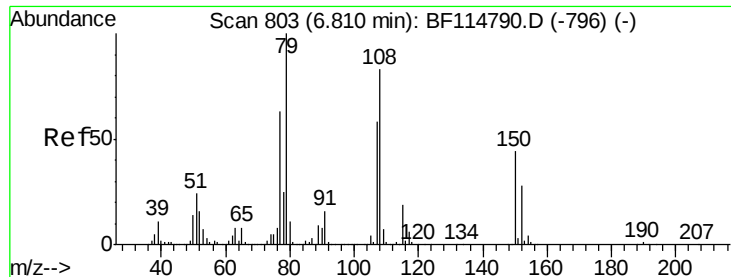
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.695 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
111	43.8	34.8	52.2





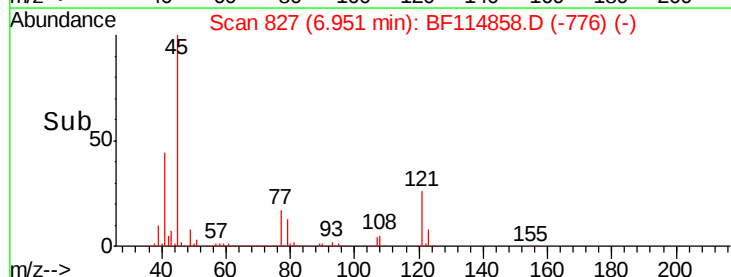
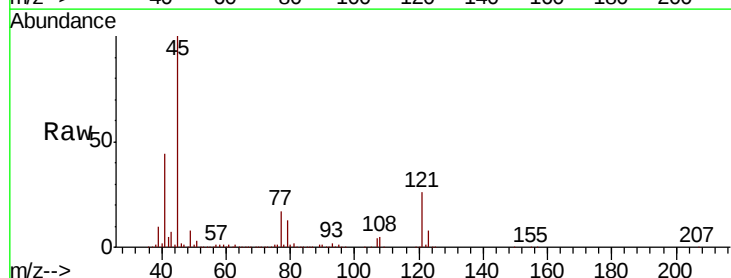
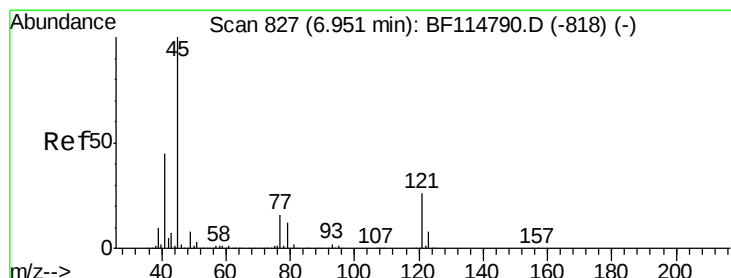
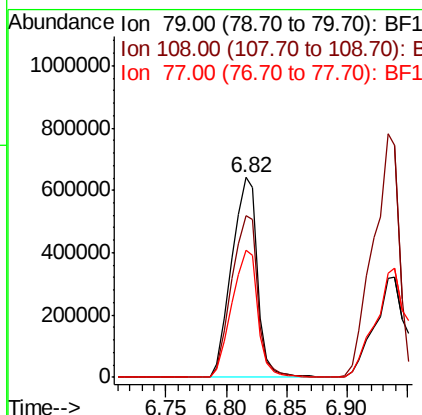
#15
Benzyl Alcohol
Concen: 40.364 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.3	66.8	100.2
77	63.9	50.6	76.0

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

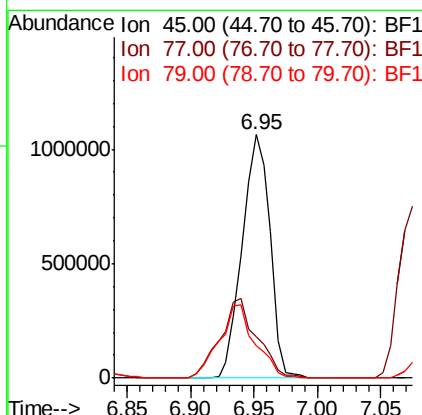
Manual Integrations
APPROVED

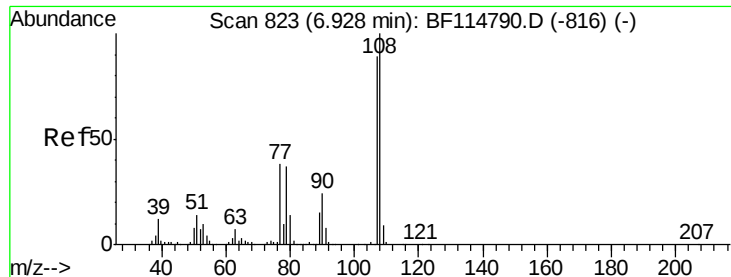
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.490 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	35.8
79	13.4	0.0	32.0





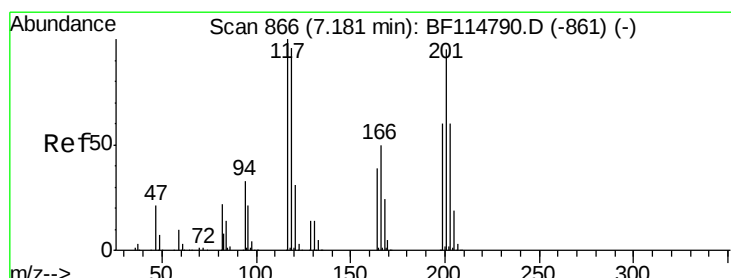
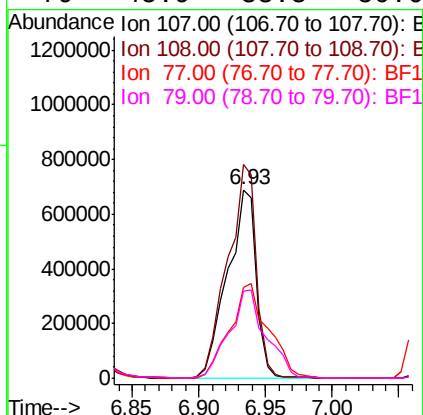
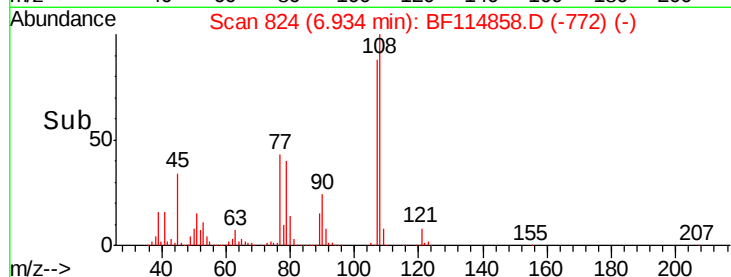
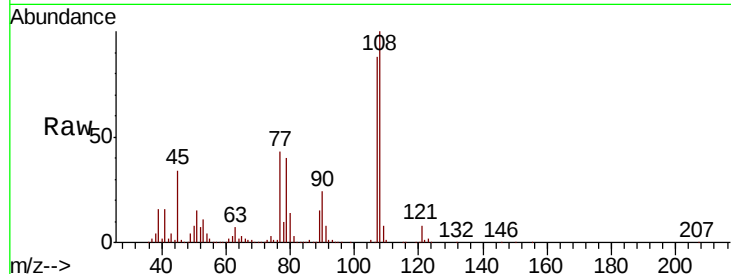
#17
2-Methylphenol
Concen: 41.185 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.2	135.2
77	48.5	34.5	51.7
79	45.9	33.8	50.6

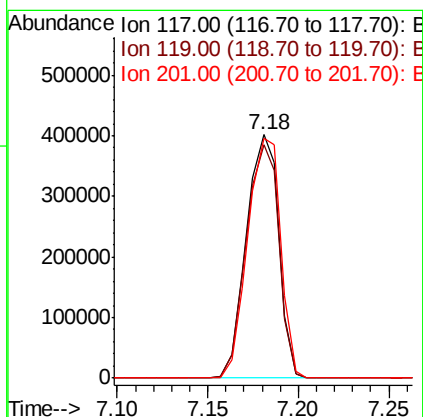
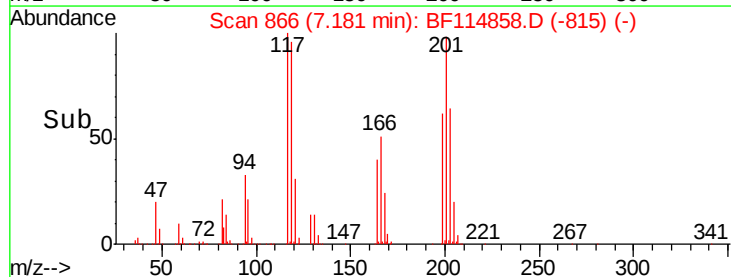
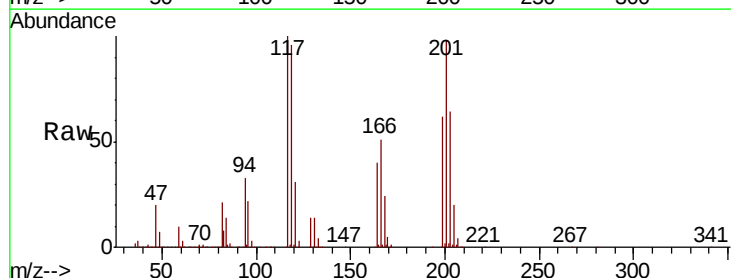
Manual Integrations
APPROVED

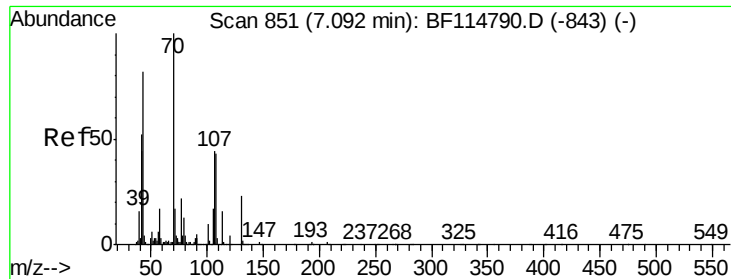
mohammad
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#18
Hexachloroethane
Concen: 38.120 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
201	98.5	76.0	114.0





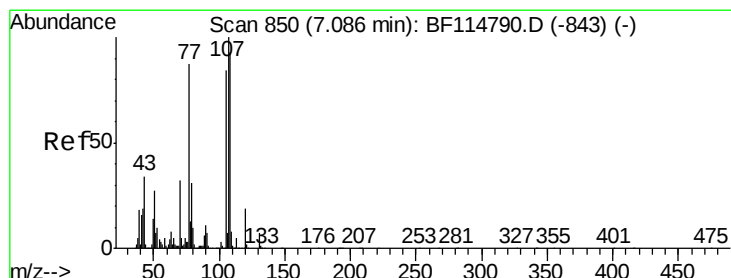
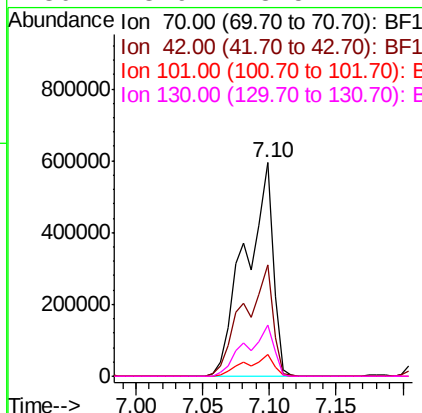
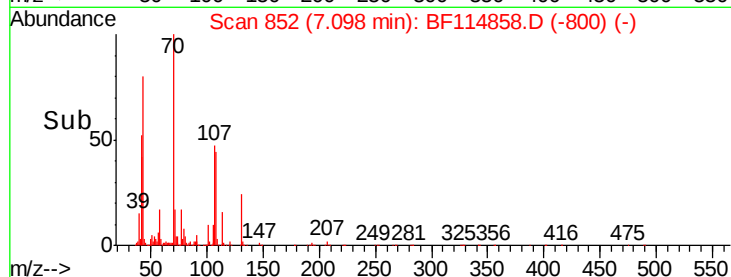
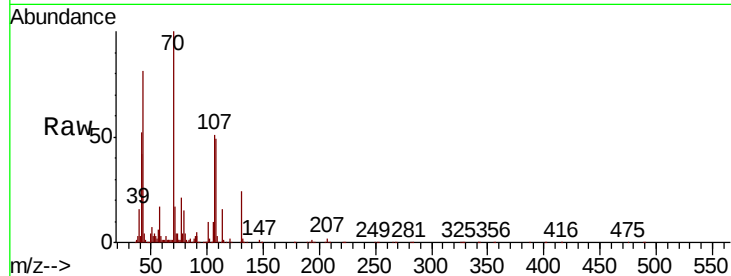
#19
n-Nitroso-di-n-propylamine
Concen: 41.330 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		855238		
42	51.9	41.8	62.8		
101	10.1	8.2	12.4		
130	23.9	18.5	27.7		

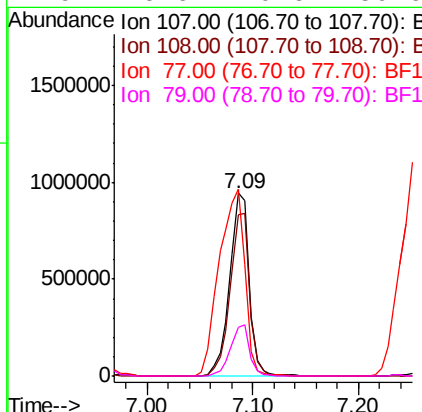
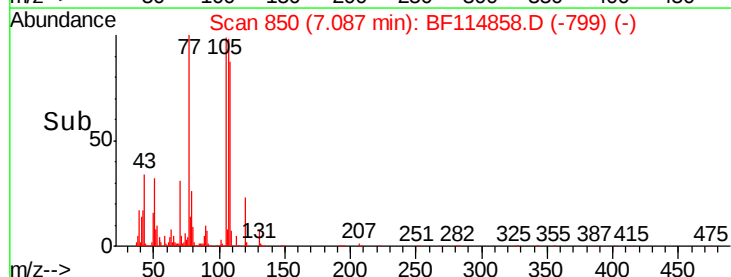
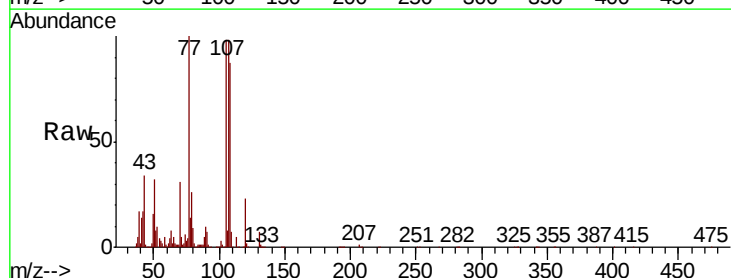
Manual Integrations
APPROVED

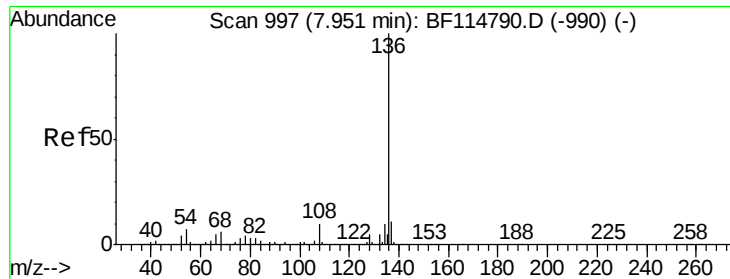
mohammad
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#20
3+4-Methylphenols
Concen: 42.594 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1192000		
108	88.3	73.5	113.5		
77	102.1	67.2	107.2		
79	26.6	10.6	50.6		





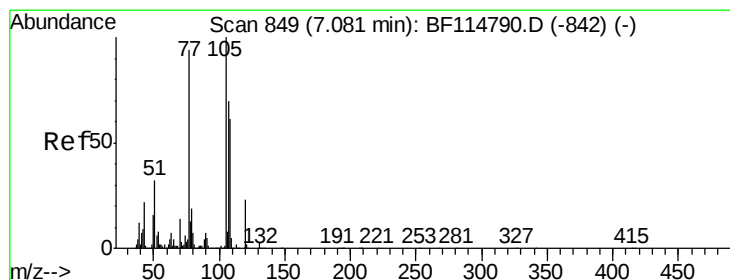
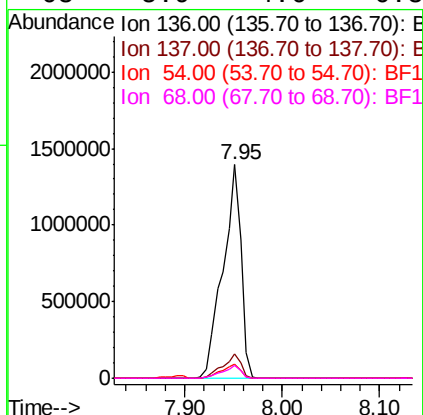
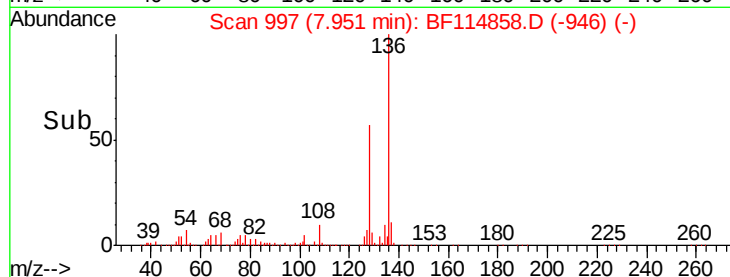
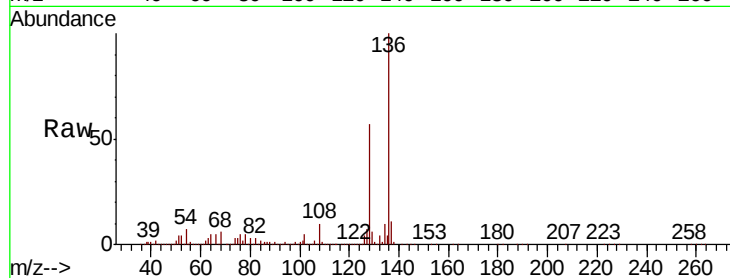
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	136	Resp	1797185
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.9	5.4	8.0
68	5.9	4.6	6.8

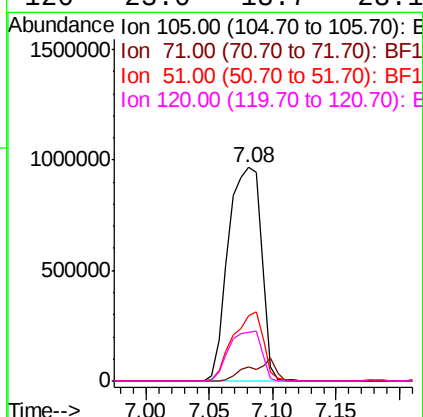
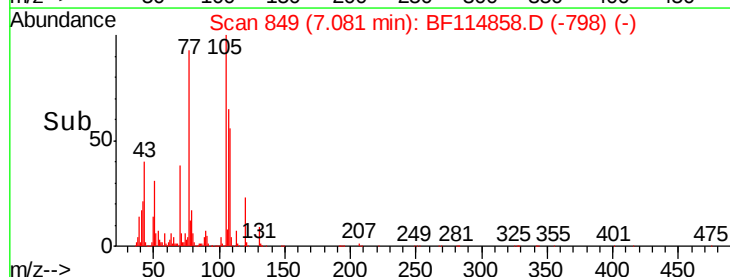
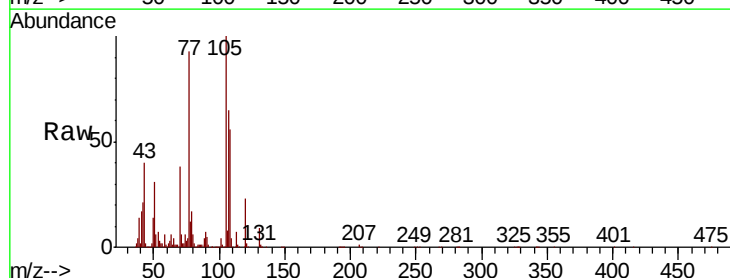
Manual Integrations
APPROVED

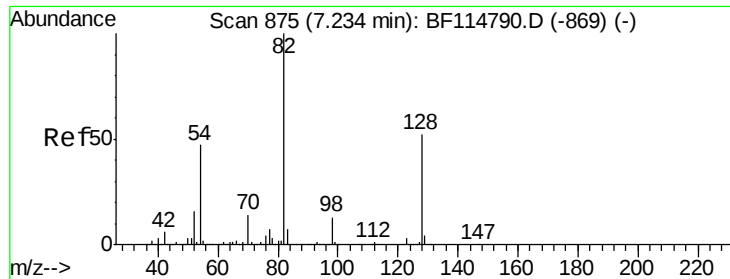
mohammad
6/7/2019 2:11:24 PM



#22
Acetophenone
Concen: 44.121 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	105	Resp	1745768
Ion	Ratio	Lower	Upper
105	100		
71	6.4	2.0	3.0#
51	30.7	25.4	38.0
120	23.0	18.7	28.1





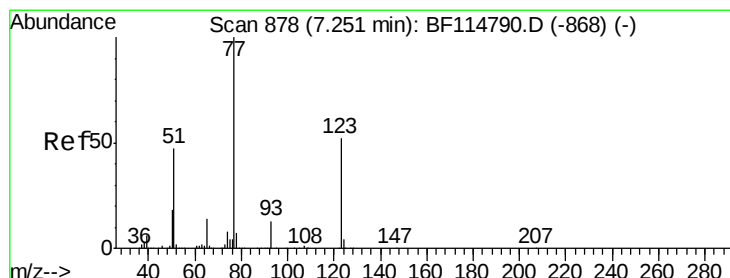
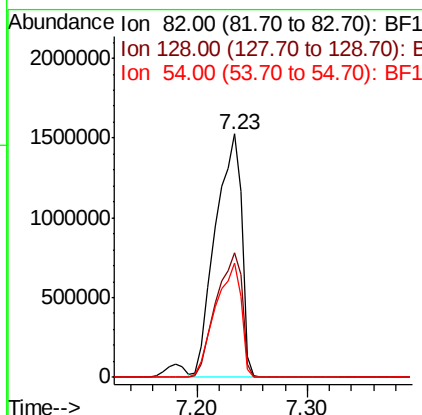
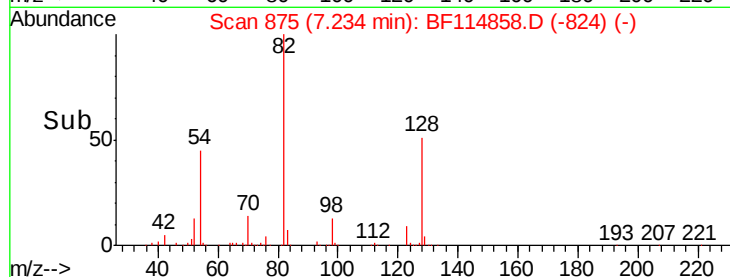
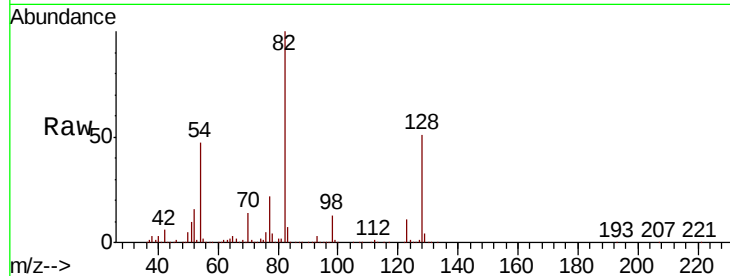
#23
Nitrobenzene-d5
Concen: 85.650 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion: 82 Resp: 2500546
Ion Ratio Lower Upper
82 100
128 51.2 41.8 62.6
54 46.8 37.9 56.9

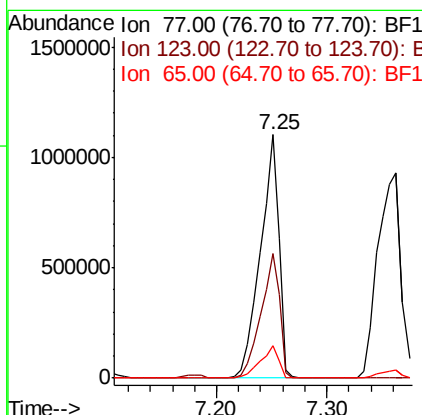
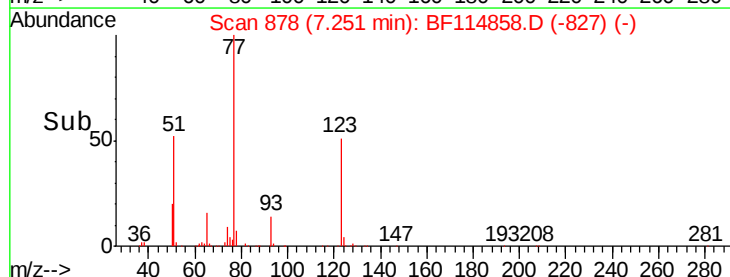
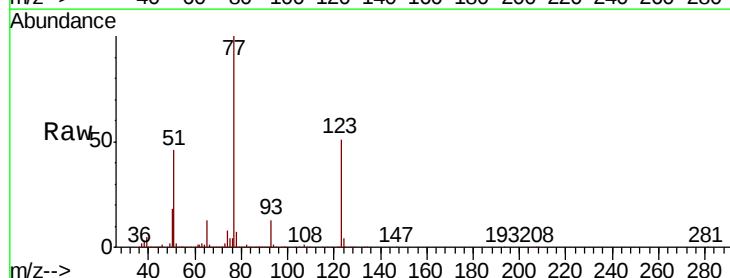
Manual Integrations
APPROVED

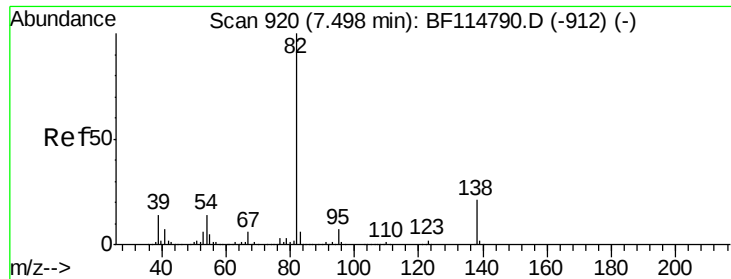
mohammad
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#24
Nitrobenzene
Concen: 42.897 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion: 77 Resp: 1297410
Ion Ratio Lower Upper
77 100
123 51.1 41.5 62.3
65 13.2 10.8 16.2





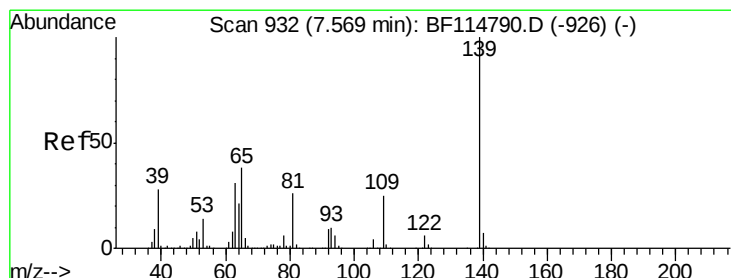
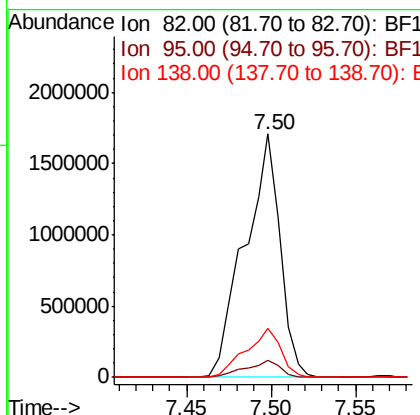
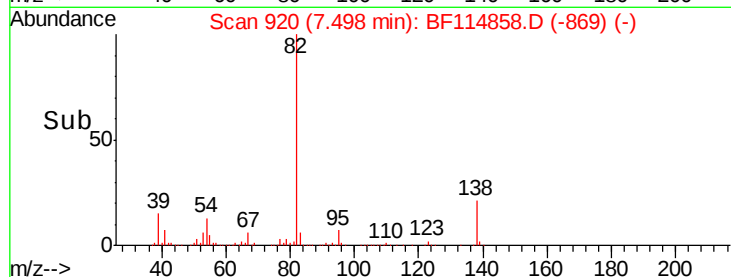
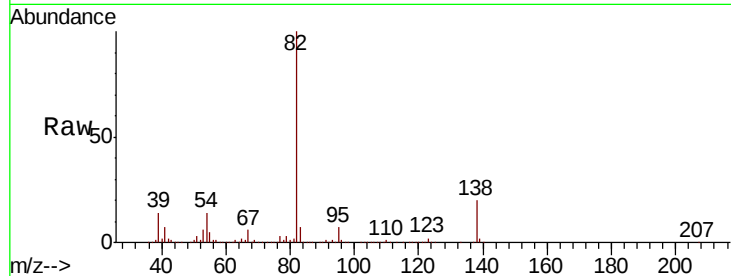
#25
Isophorone
Concen: 43.283 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion: 82 Resp: 2498123
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 20.4 16.9 25.3

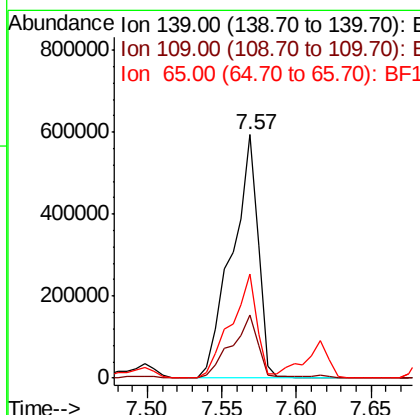
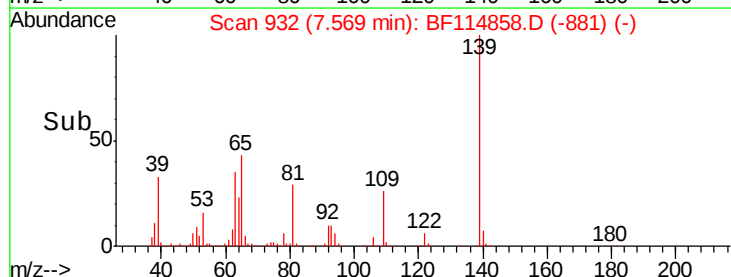
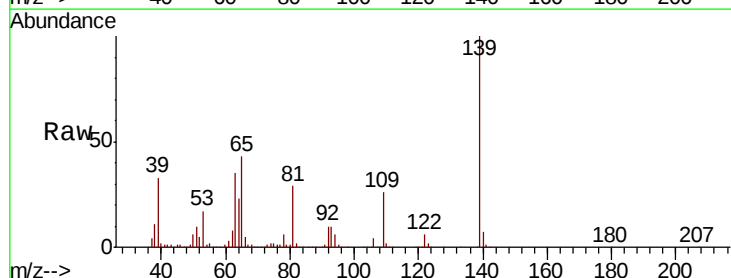
Manual Integrations
APPROVED

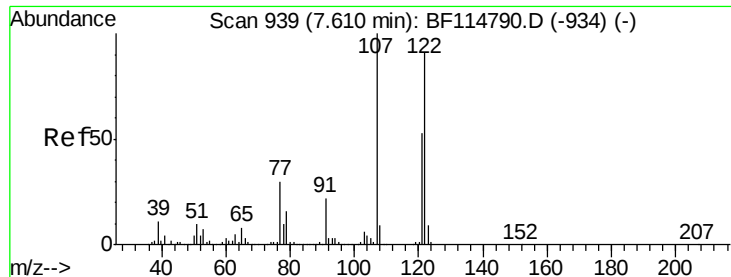
mohammad
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#26
2-Nitrophenol
Concen: 44.607 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion: 139 Resp: 730705
Ion Ratio Lower Upper
139 100
109 26.0 20.4 30.6
65 42.7 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 47.287 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

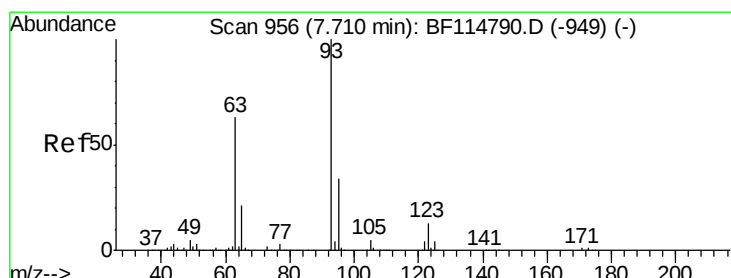
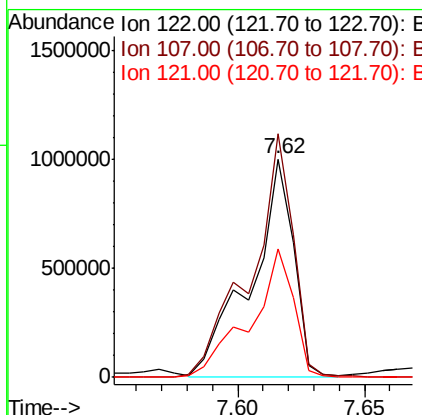
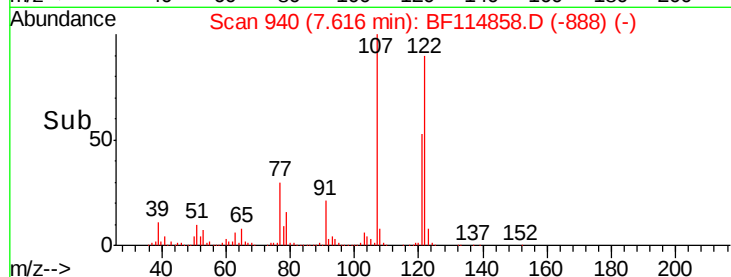
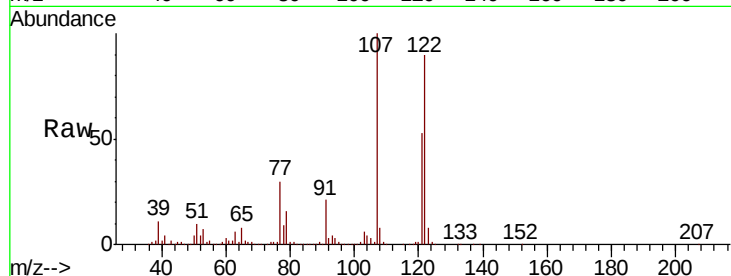
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	87.9	131.9
121	58.9	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 43.288 ng

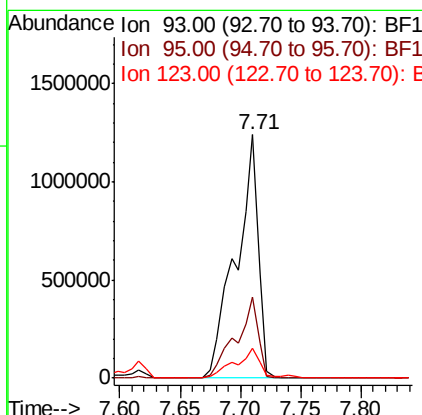
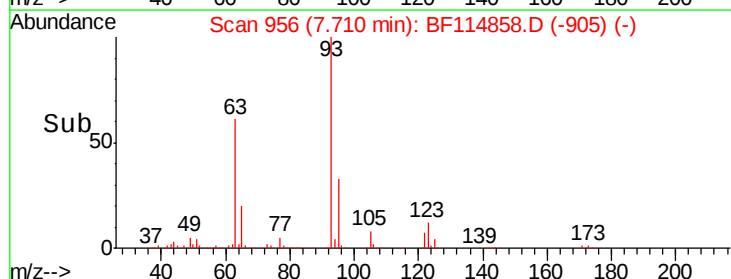
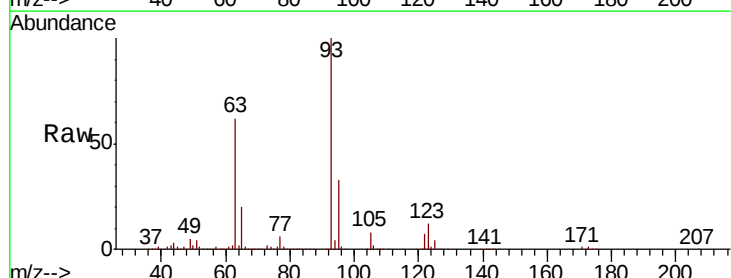
RT: 7.71 min Scan# 956

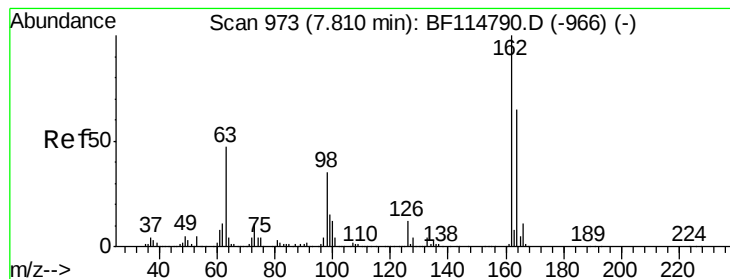
Delta R.T. 0.00 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.9	40.3
123	12.5	10.4	15.6





#29

2,4-Dichlorophenol

Concen: 44.436 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:162 Resp: 1163988

Ion Ratio Lower Upper

162 100

164 66.1 45.1 85.1

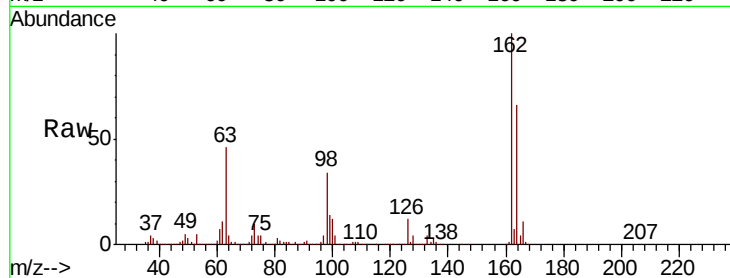
98 34.1 14.6 54.6

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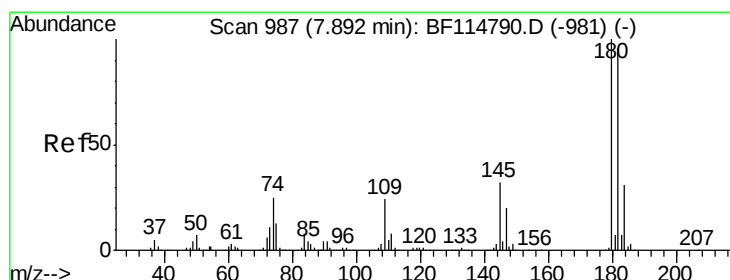
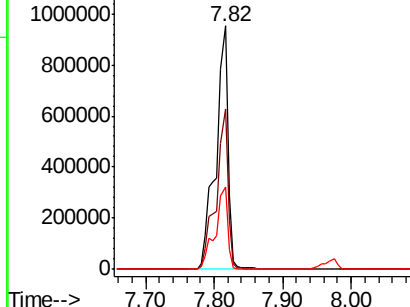
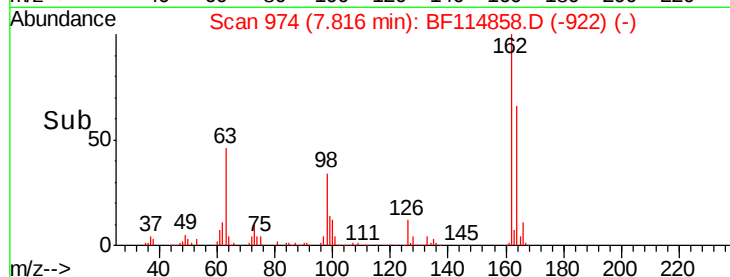
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.876 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

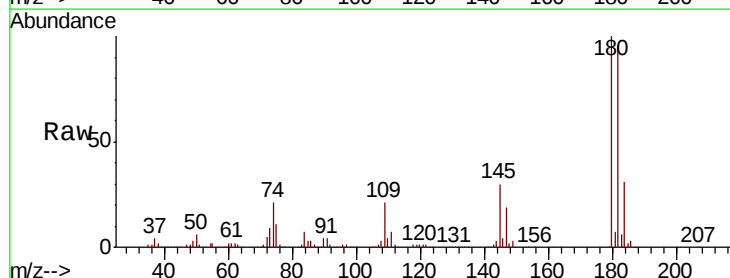
Tgt Ion:180 Resp: 1258623

Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

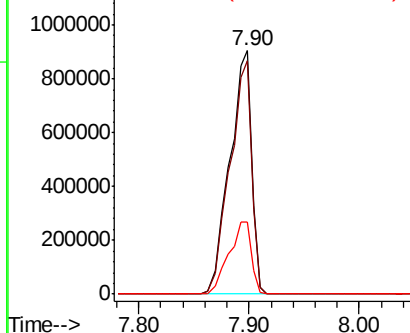
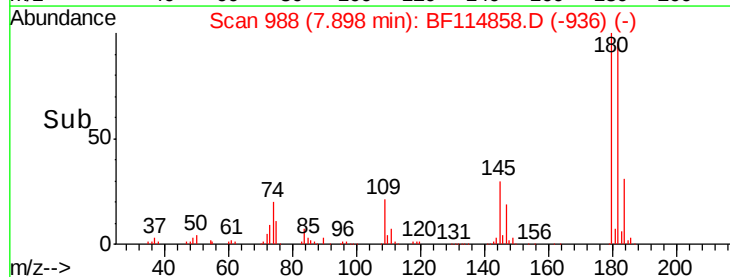
145 29.6 25.8 38.8

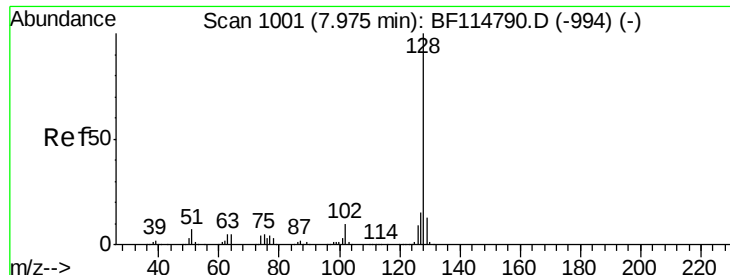


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





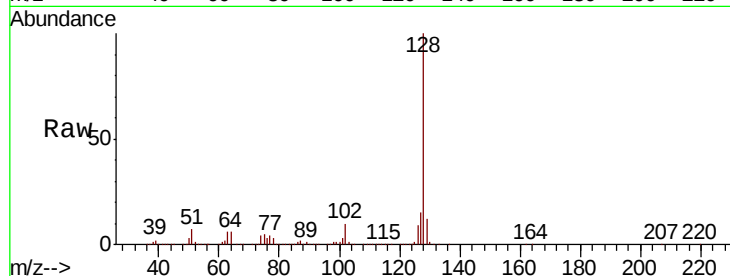
#31
Naphthalene
Concen: 45.877 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.0	15.0
127	14.5	12.2	18.2

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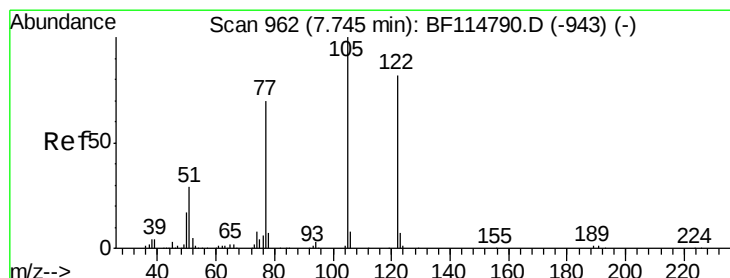
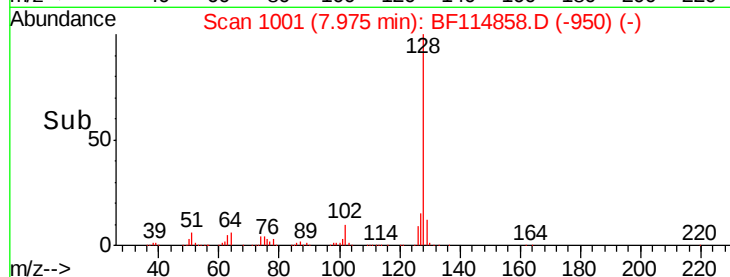
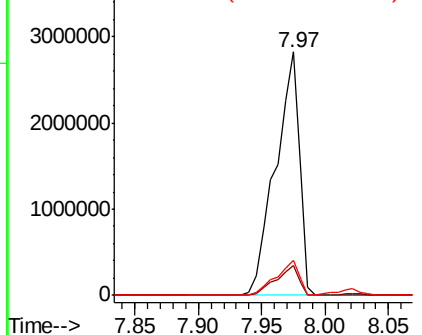


Abundance

Ion 128.00 (127.70 to 128.70): E

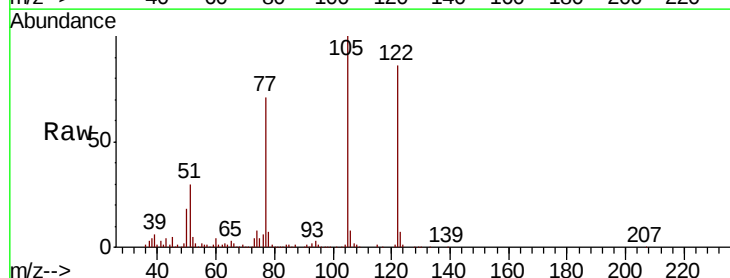
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 27.264 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.1	98.7	138.7
77	83.0	64.8	104.8

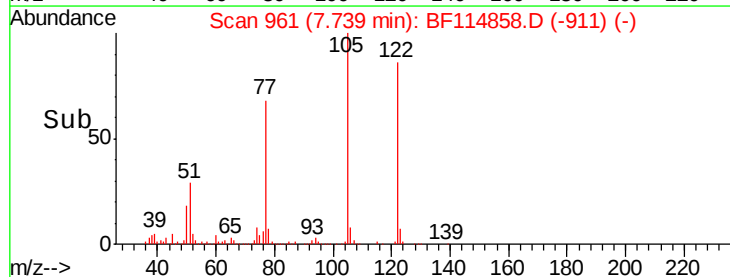
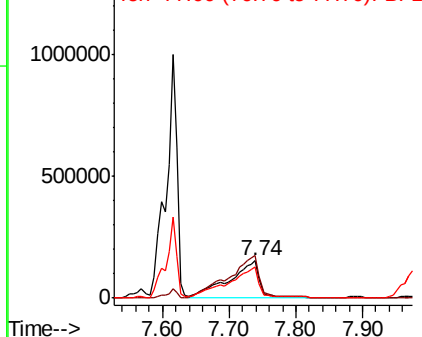


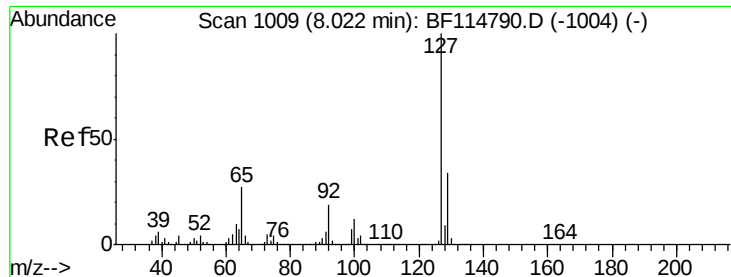
Abundance

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





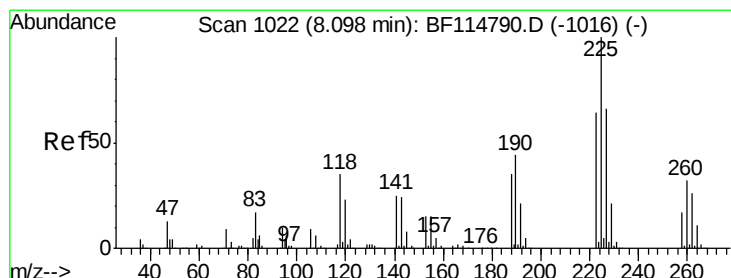
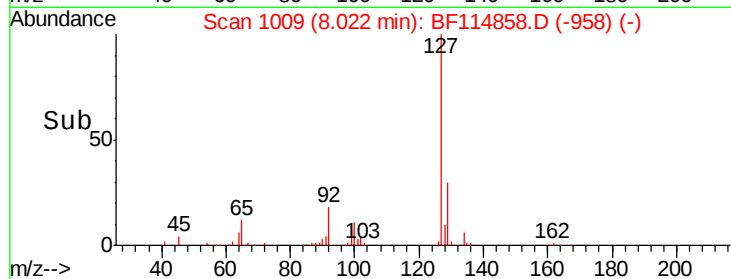
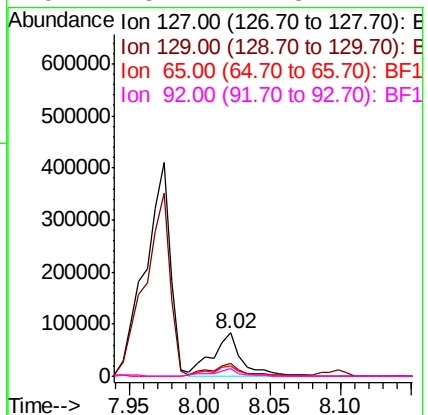
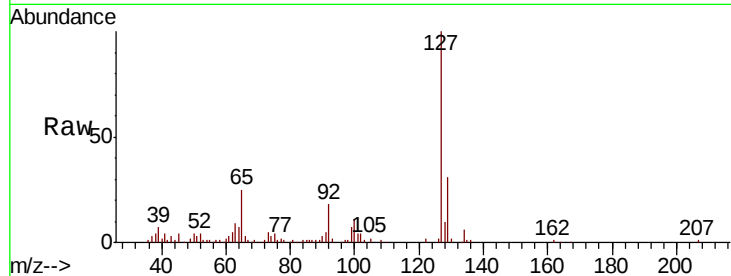
#33
4-Chloroaniline
Concen: 3.073 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.9	40.3
65	24.5	21.7	32.5
92	18.4	14.8	22.2

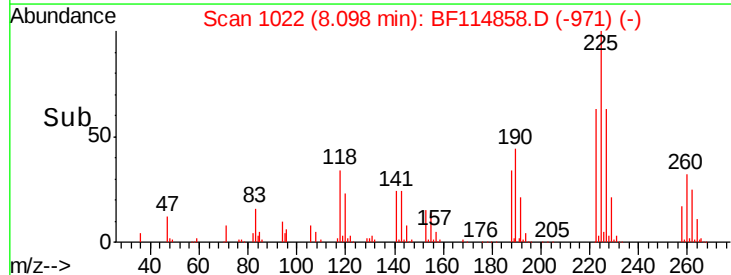
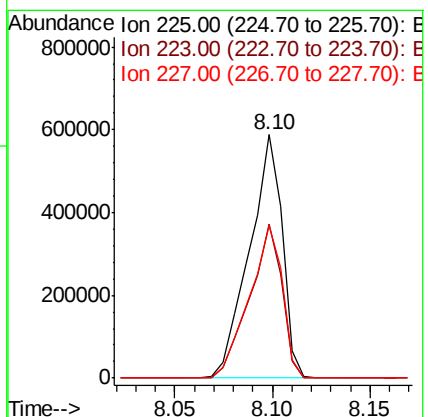
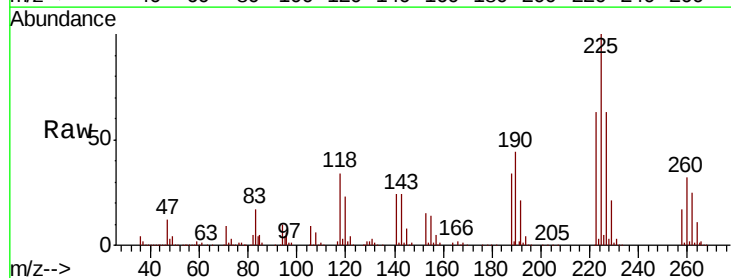
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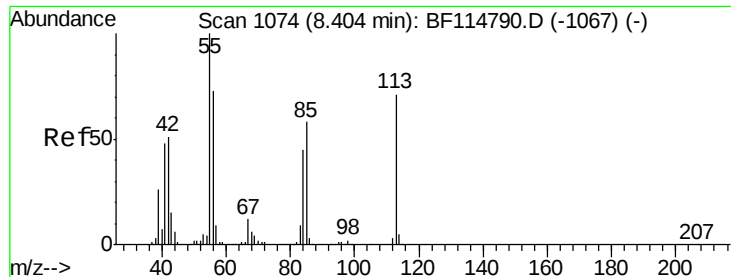
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#34
Hexachlorobutadiene
Concen: 40.126 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.0	76.6
227	63.0	52.6	78.8





#35

Caprolactam

Concen: 29.407 ng/ml

RT: 8.40 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

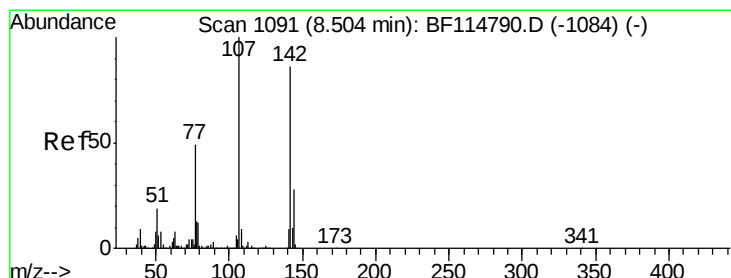
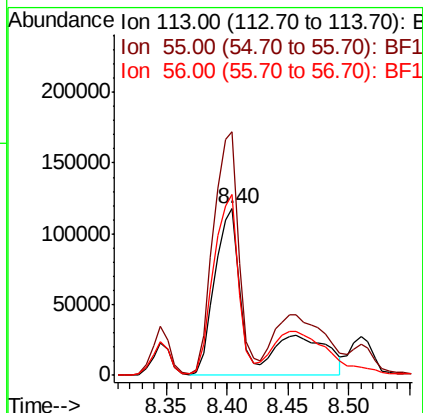
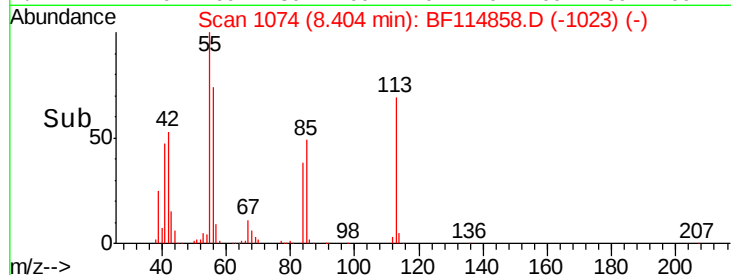
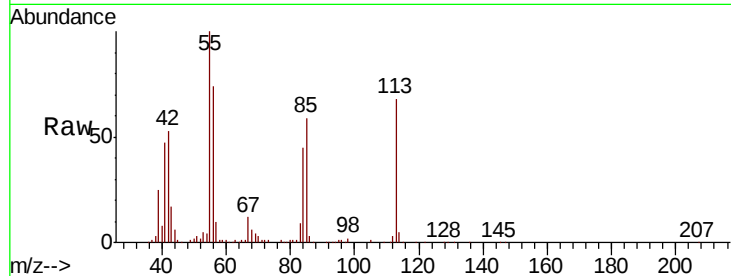
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.3	121.1	161.1
56	108.6	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 45.248 ng/ml

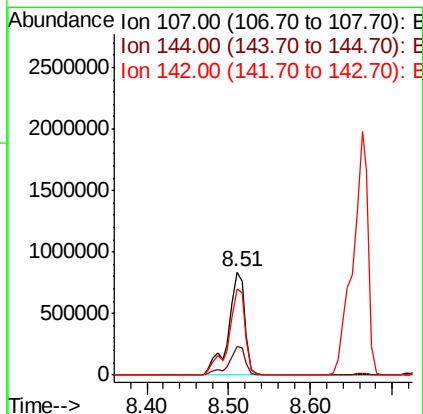
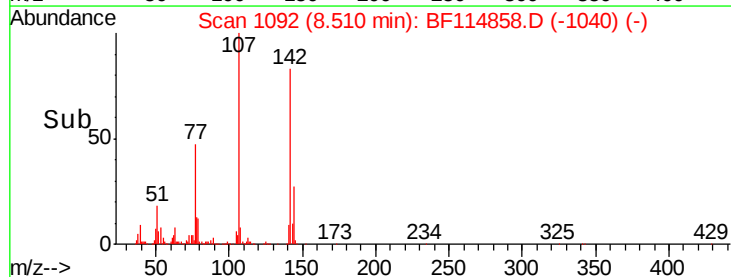
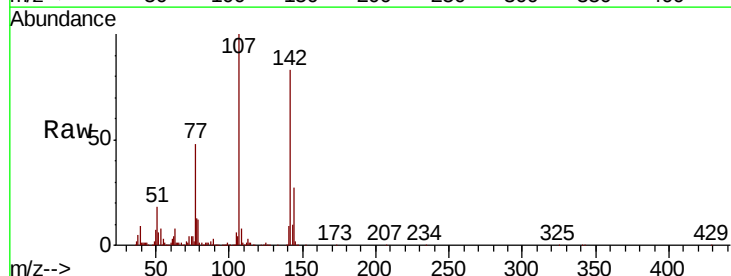
RT: 8.51 min Scan# 1092

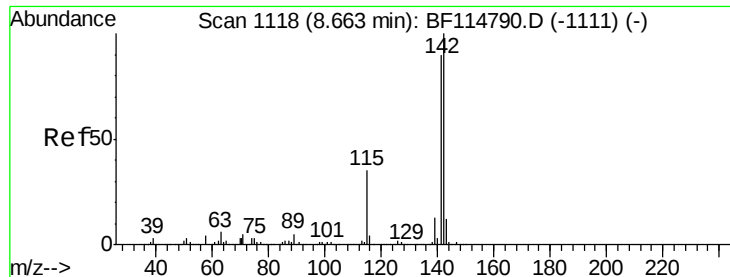
Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	22.1	33.1
142	82.9	68.4	102.6





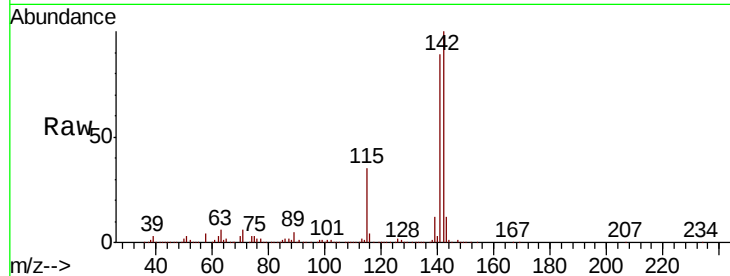
#37
2-Methylnaphthalene
Concen: 46.442 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	35.4	28.2	42.4

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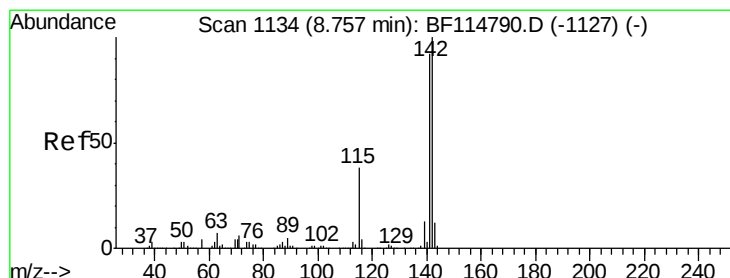
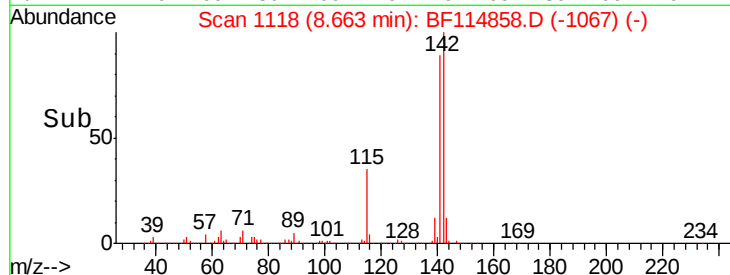
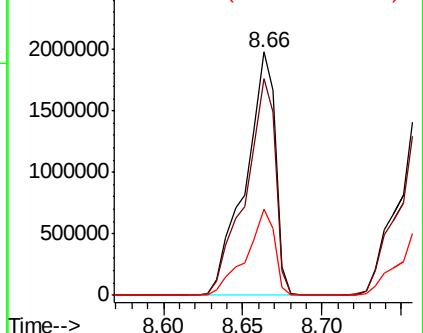


Abundance

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: 46.378 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

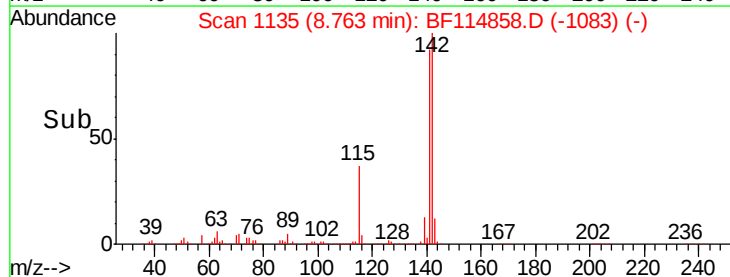
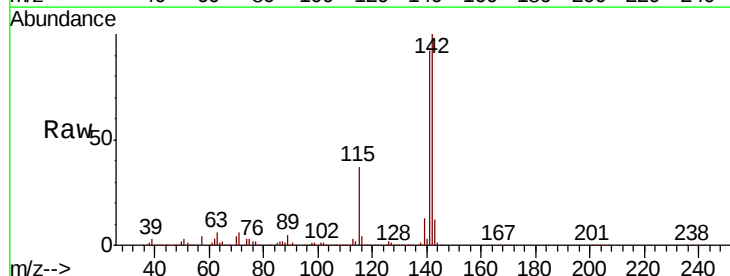
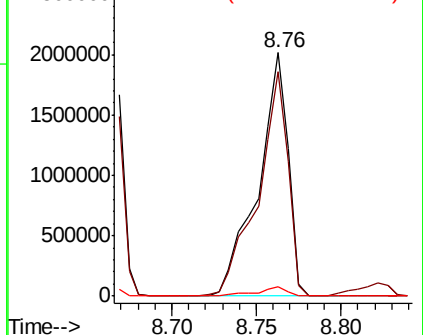
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.8	110.6
116	3.9	3.3	4.9

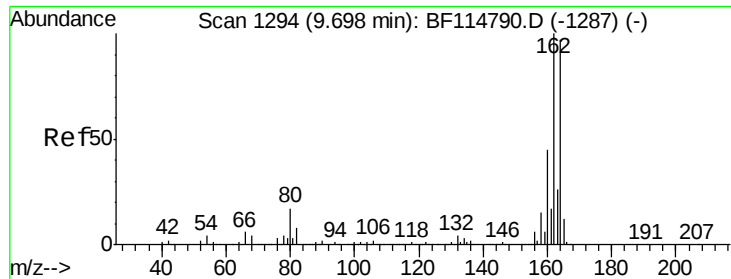
Abundance

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





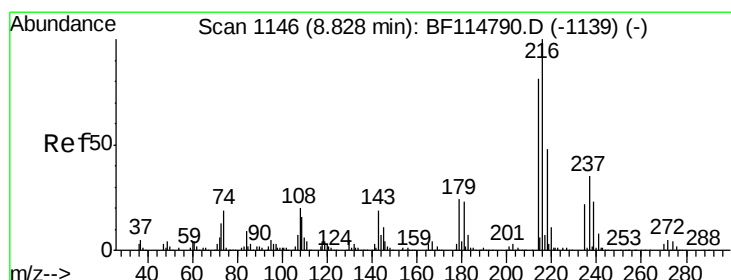
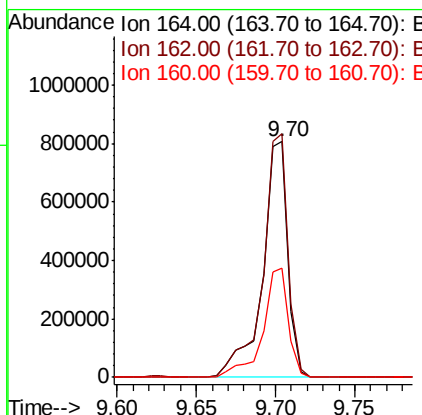
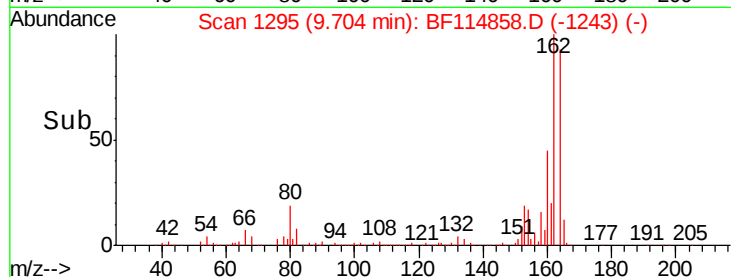
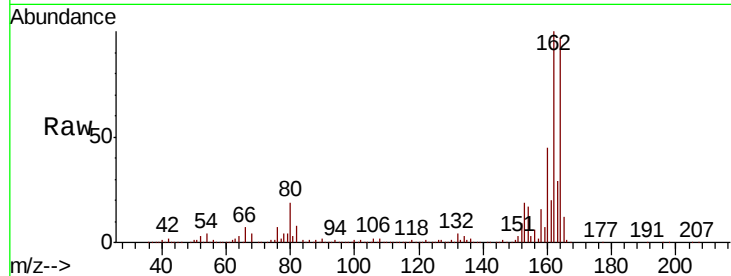
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.3	123.5
160	46.5	36.7	55.1

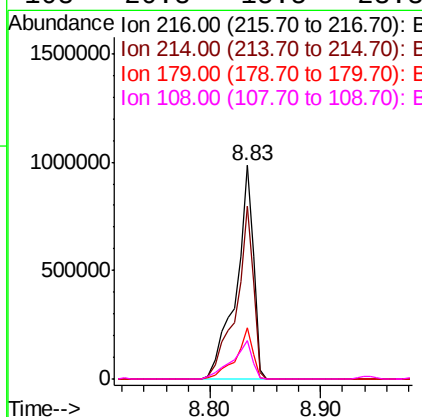
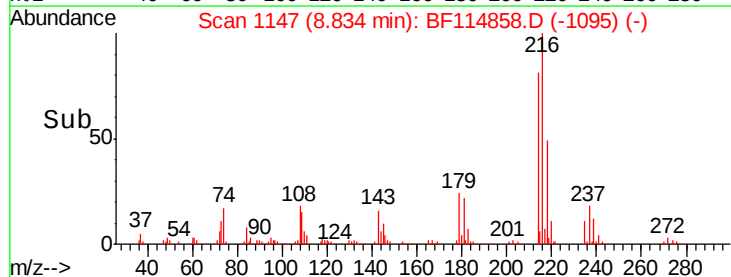
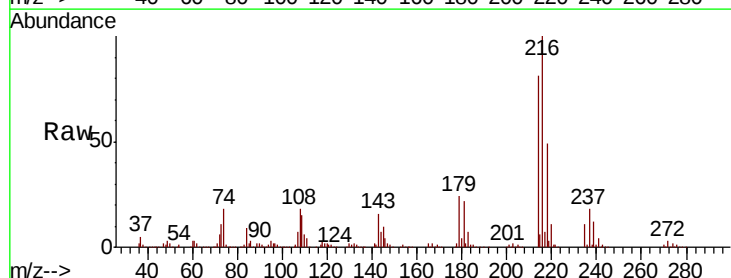
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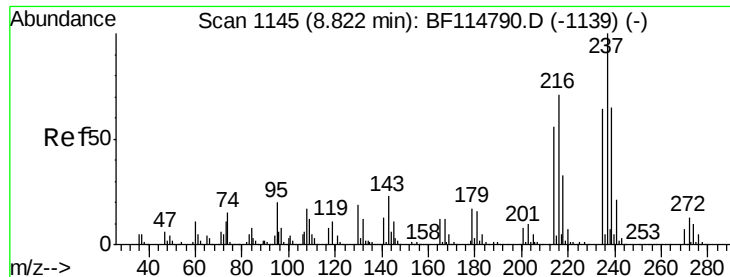
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.770 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.4	95.2
179	23.1	18.3	27.5
108	20.8	15.5	23.3





#41

Hexachlorocyclopentadiene

Concen: 70.179 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:237 Resp: 1112509

Ion Ratio Lower Upper

237 100

235 64.1 44.0 84.0

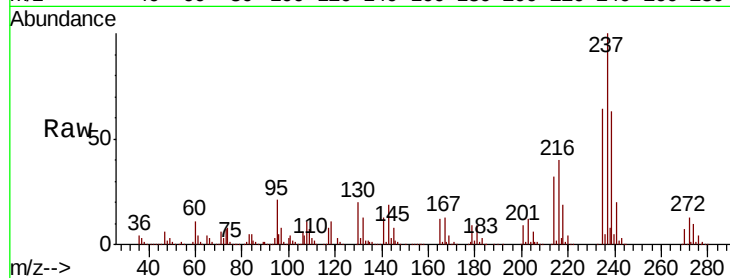
272 12.6 0.0 33.4

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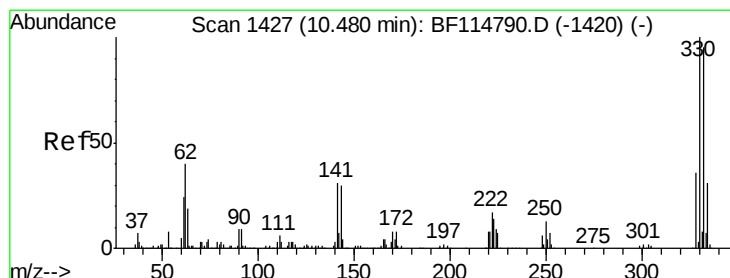
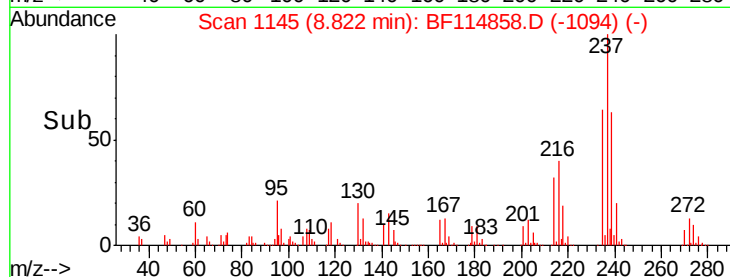
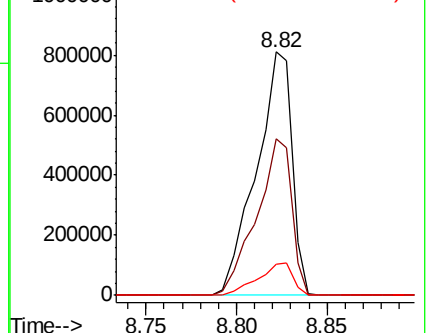
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.034 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

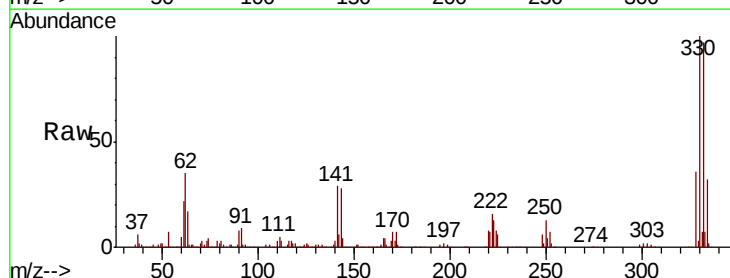
Tgt Ion:330 Resp: 1095042

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

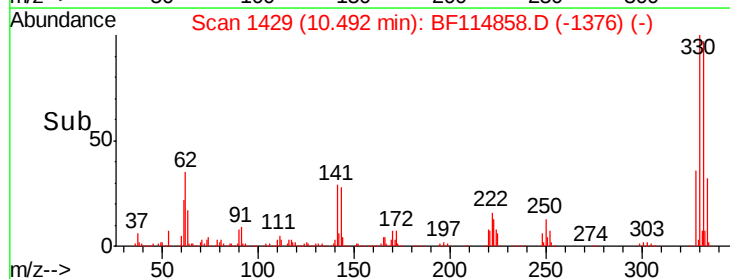
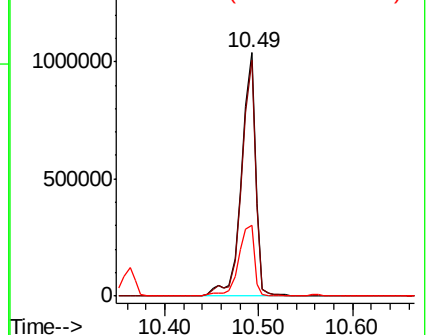
141 32.4 26.2 39.4

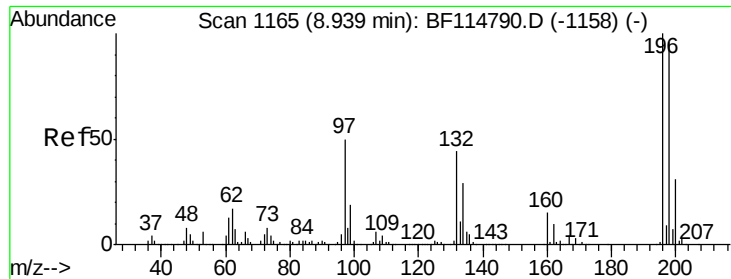


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





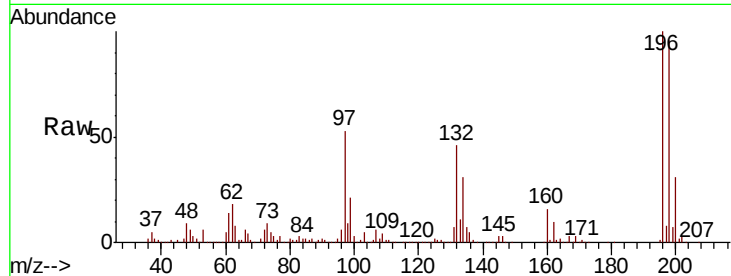
#43
 2,4,6-Trichlorophenol
 Concen: 46.449 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	944052		
198	95.7	77.1	115.7	
200	30.8	24.6	36.8	

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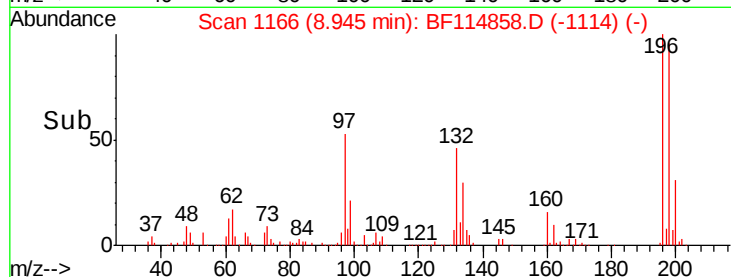
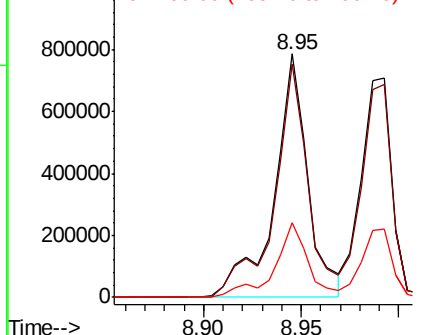


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.517 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	767931		
198	96.9	76.2	114.4	
97	43.2	38.2	57.4	
132	27.7	23.7	35.5	

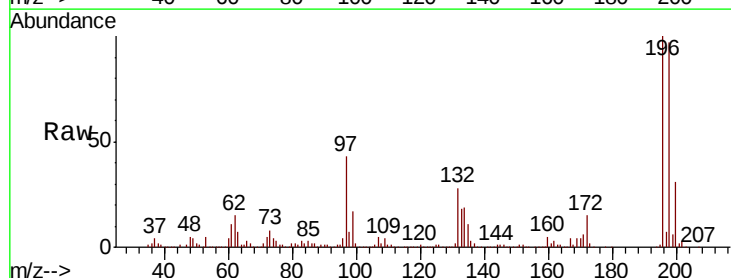
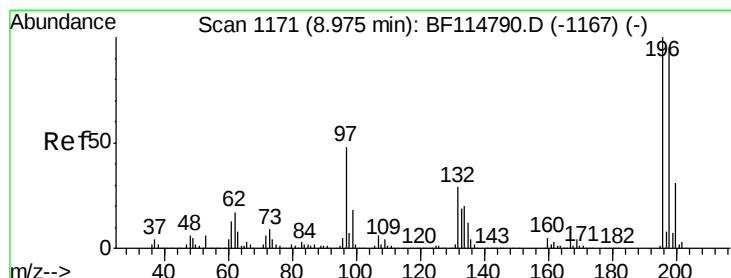
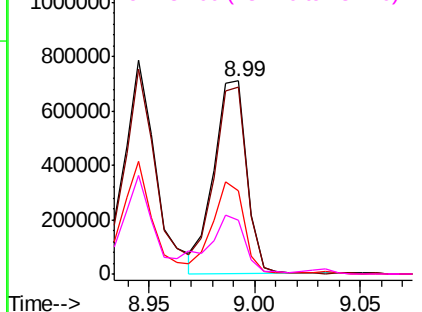
Abundance

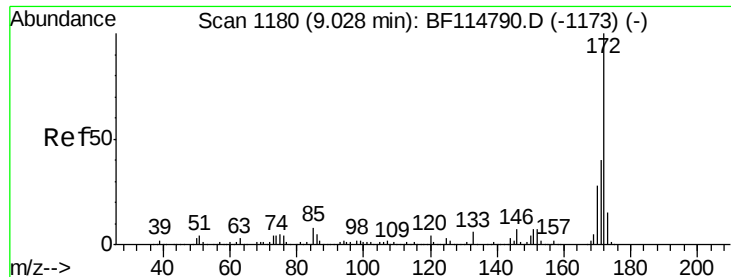
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





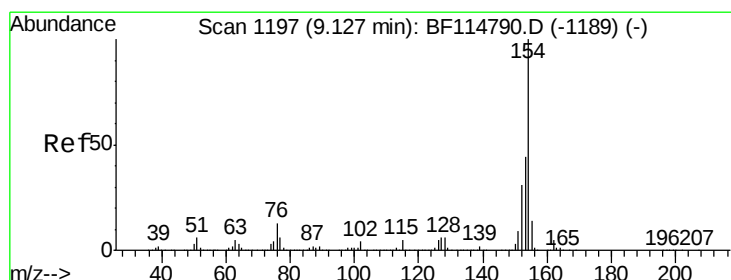
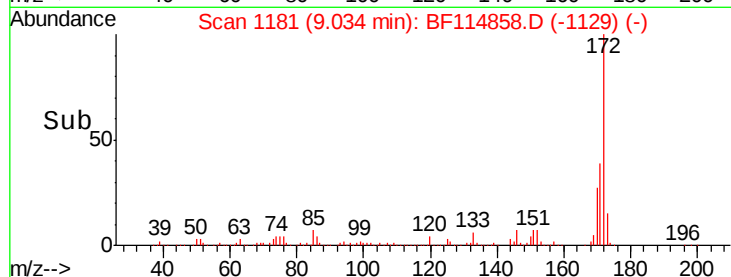
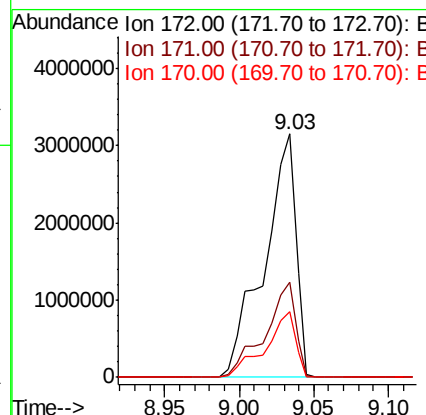
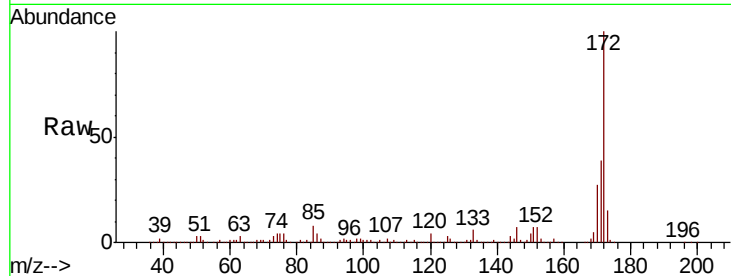
#45
2-Fluorobiphenyl
Concen: 96.961 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.3	48.5
170	27.0	22.4	33.6

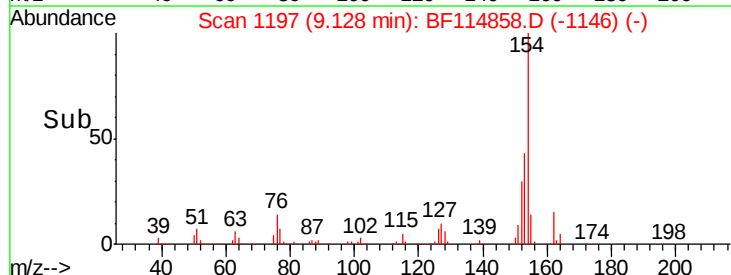
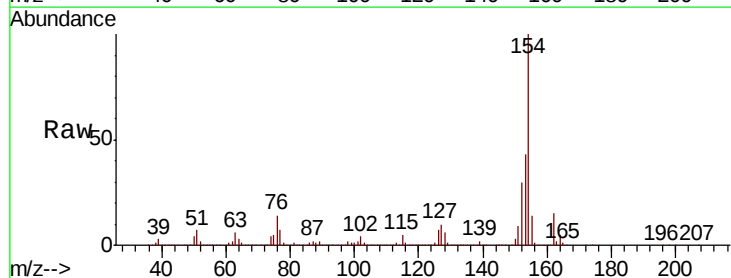
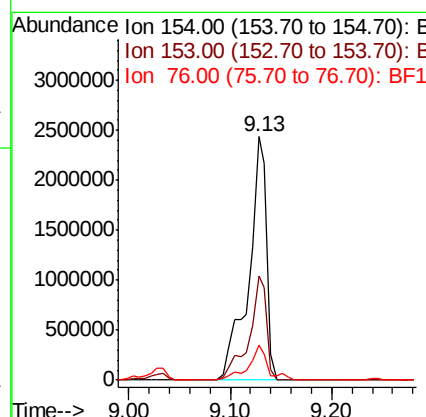
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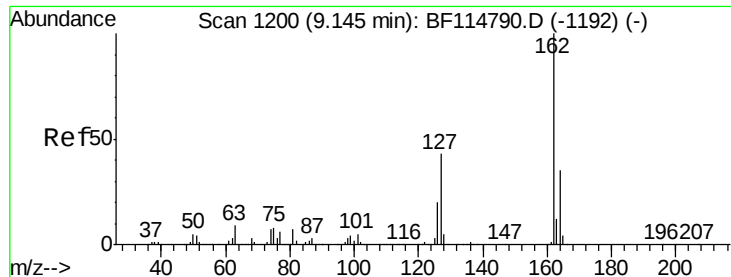
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#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.9	63.9
76	14.3	0.0	33.2





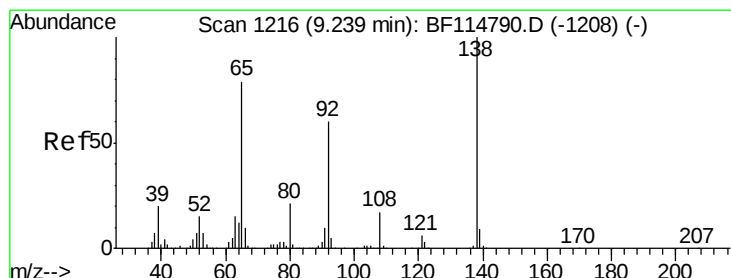
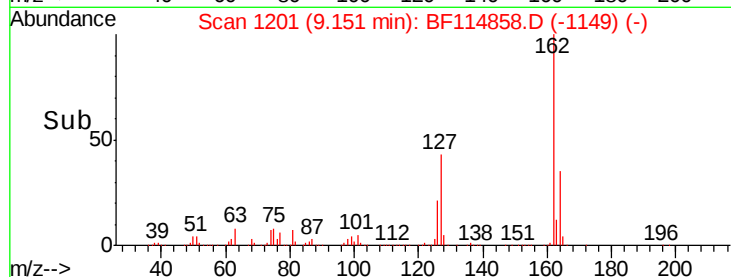
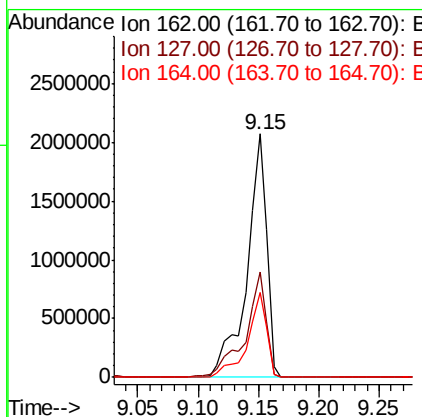
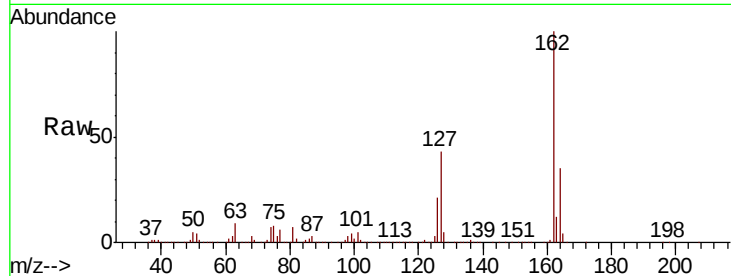
#47
 2-Chloronaphthalene
 Concen: 41.526 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion:	162	Resp:	2371963
Ion	Ratio	Lower	Upper
162	100		
127	43.1	34.6	51.8
164	34.7	27.8	41.8

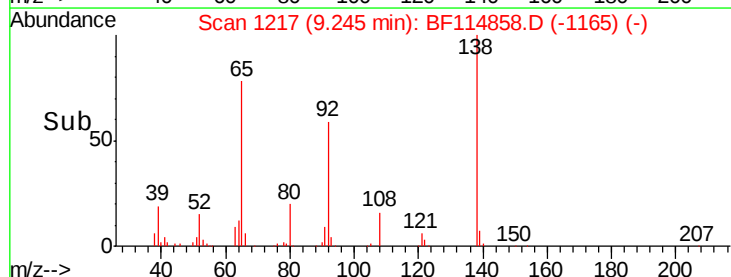
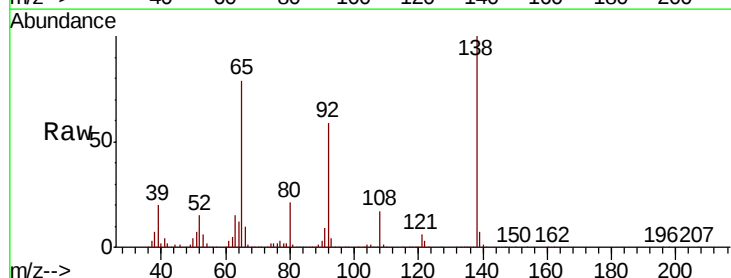
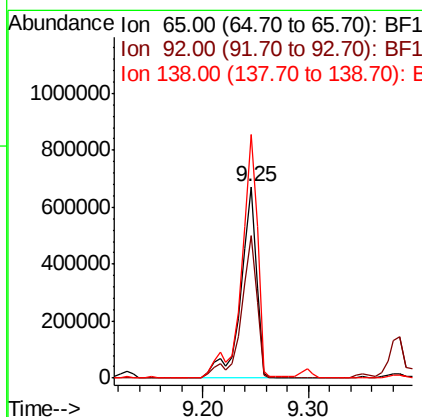
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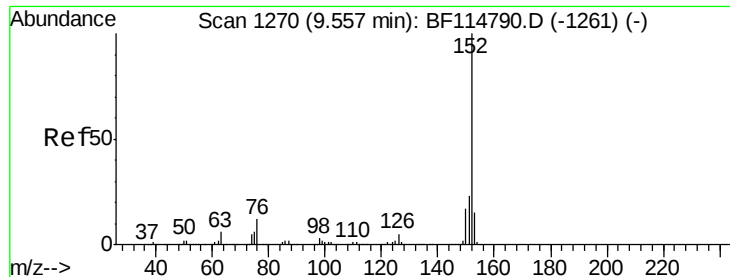
mohammad
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#48
 2-Nitroaniline
 Concen: 40.231 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion:	65	Resp:	685776
Ion	Ratio	Lower	Upper
65	100		
92	74.6	60.4	90.6
138	127.1	101.2	151.8





#49

Acenaphthylene

Concen: 43.636 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:152 Resp: 3614495

Ion Ratio Lower Upper

152 100

151 23.0 18.3 27.5

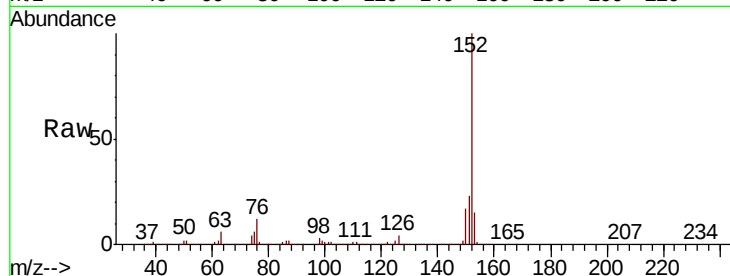
153 15.1 12.3 18.5

Manual Integrations

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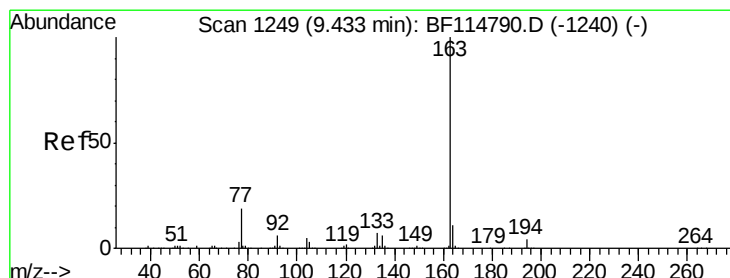
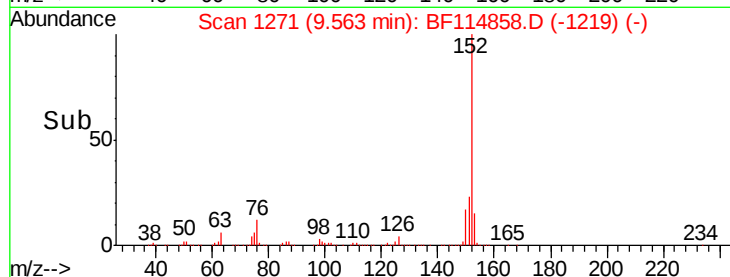
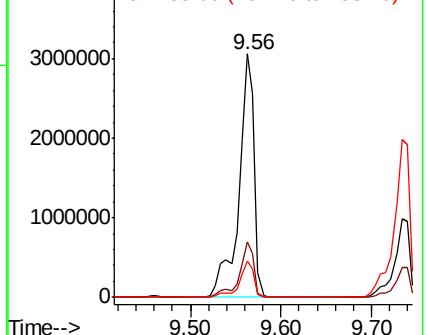


Abundance

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: 36.986 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

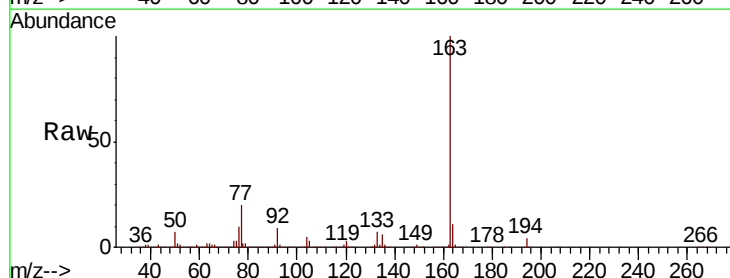
Tgt Ion:163 Resp: 2450089

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 11.1 8.6 13.0

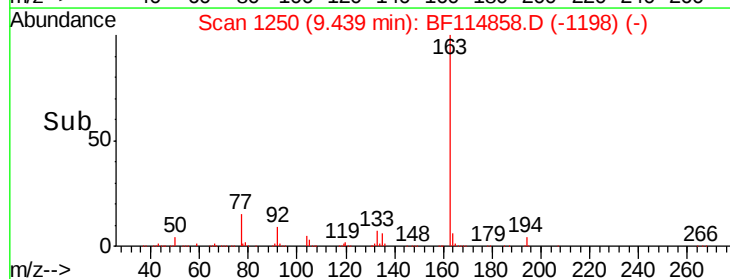
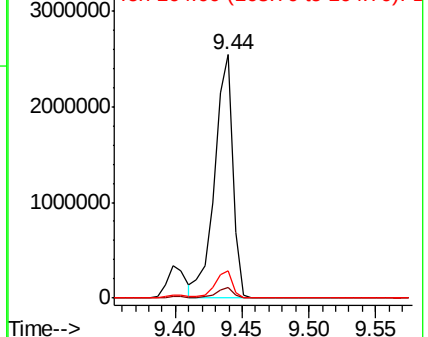


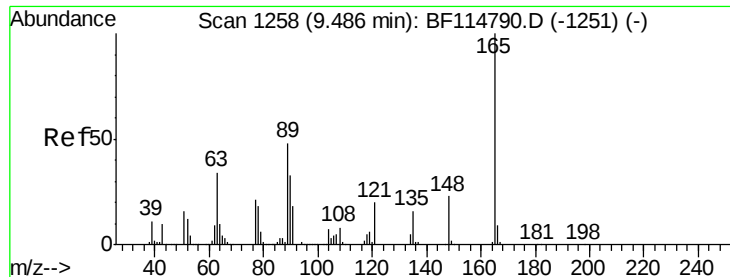
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.045 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

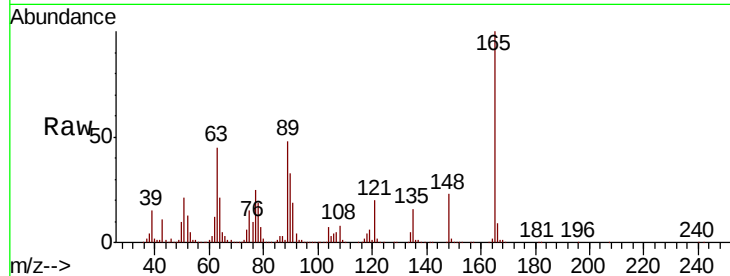
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:	165	Resp:	608284
Ion Ratio	Lower	Upper	
165	100		
63	45.1	35.1	52.7
89	48.5	38.2	57.2

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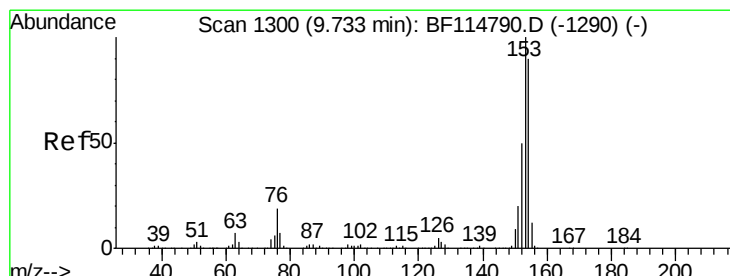
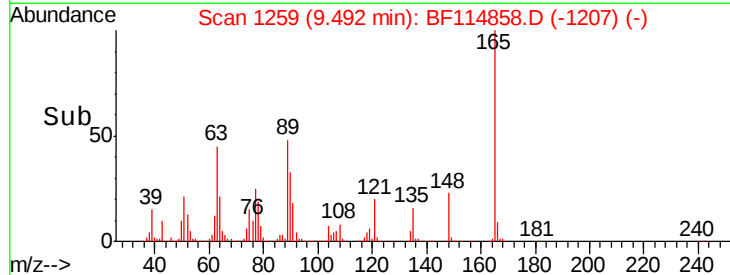
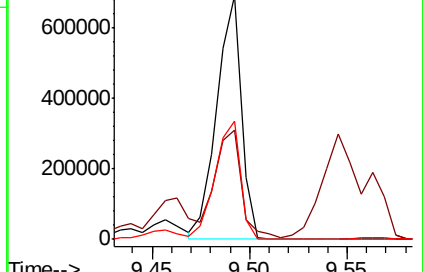
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.236 ng

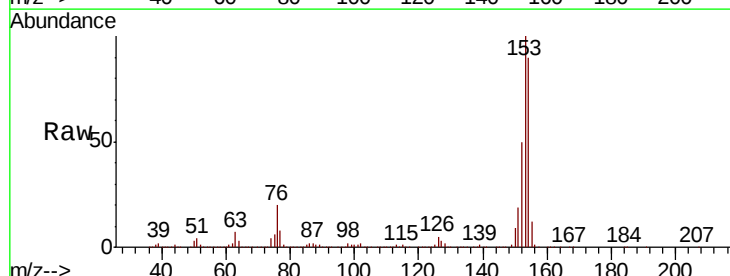
RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

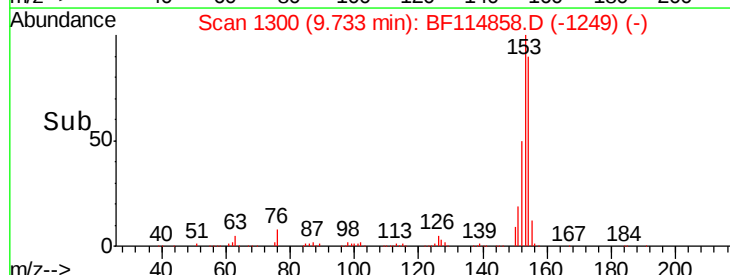
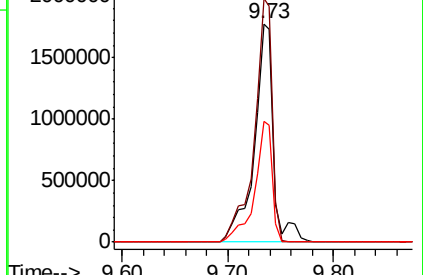
Tgt Ion:	154	Resp:	2291758
Ion Ratio	Lower	Upper	
154	100		
153	111.5	88.5	132.7
152	55.3	44.1	66.1

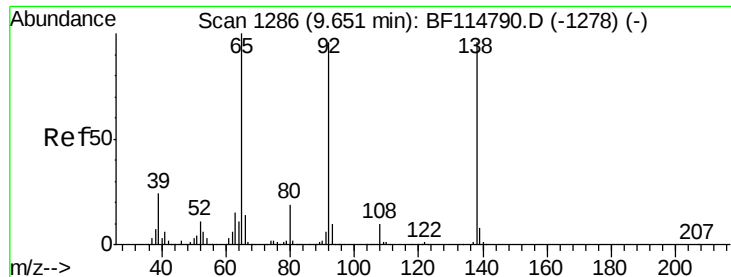


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





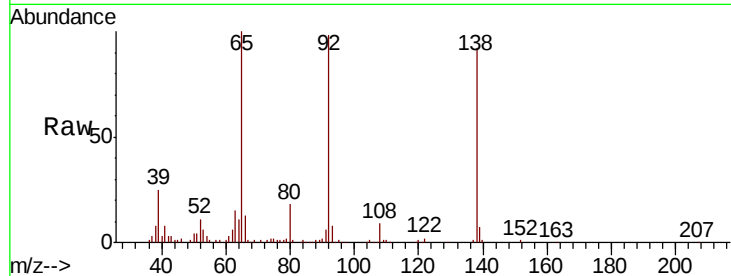
#53
3-Nitroaniline
Concen: 5.141 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

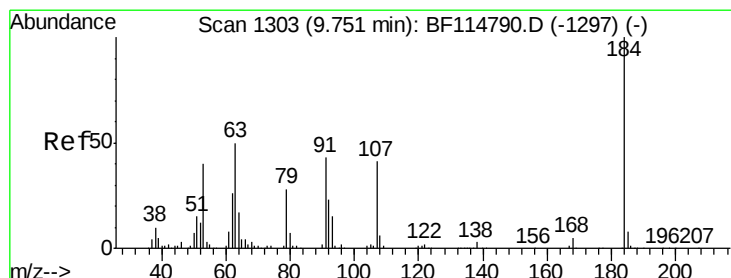
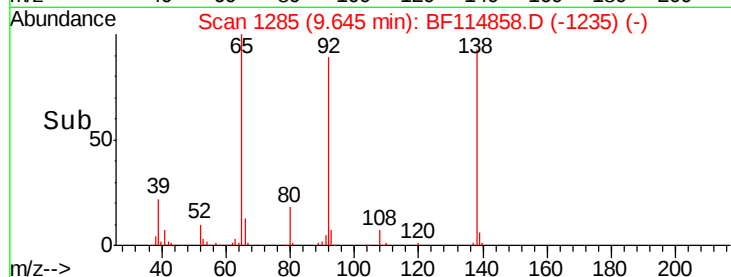
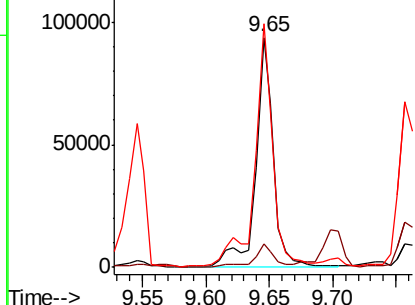
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	106.1	79.9	119.9

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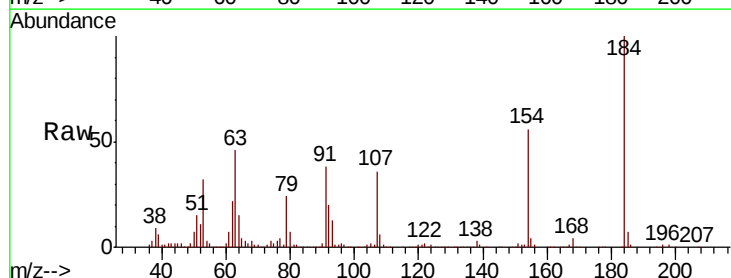


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

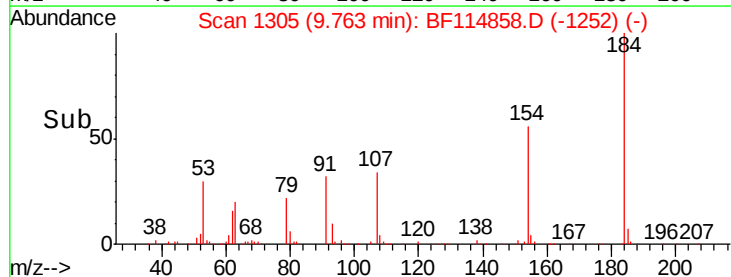
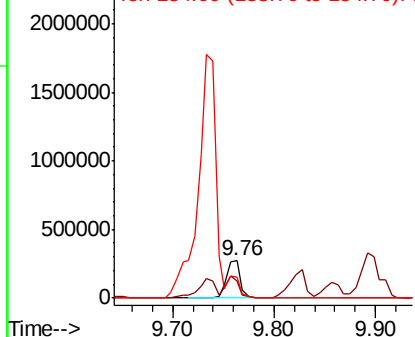


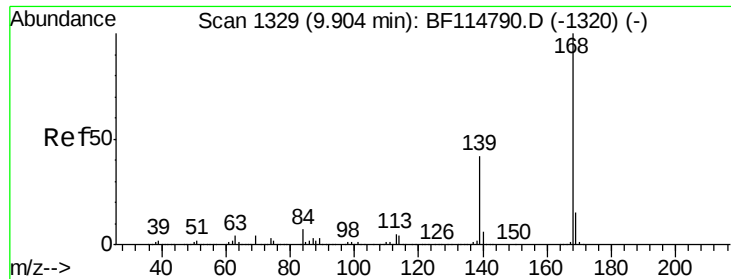
#54
2,4-Dinitrophenol
Concen: 38.045 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.5	44.1	66.1
154	56.5	48.1	72.1



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: 40.981 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:168 Resp: 3092145

Ion Ratio Lower Upper

168 100

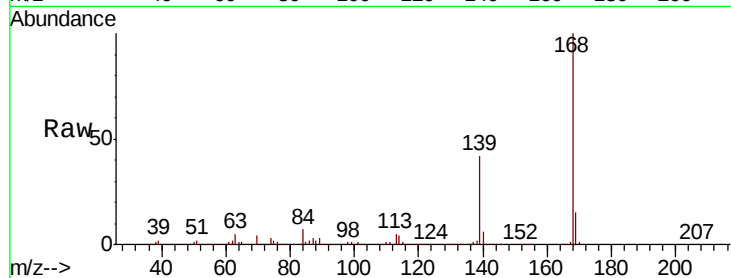
139 41.5 33.8 50.6

169 14.9 11.9 17.9

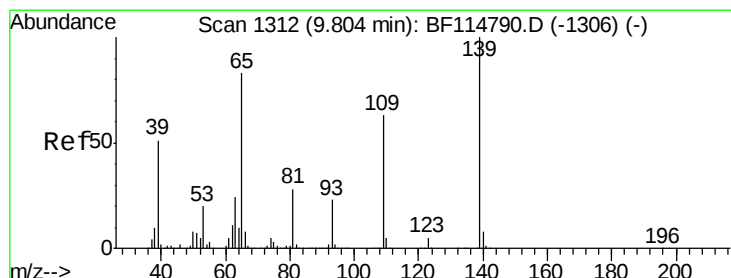
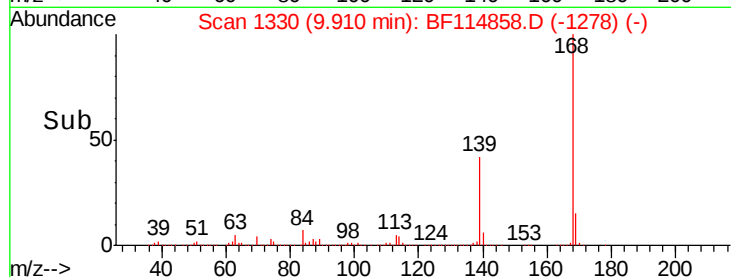
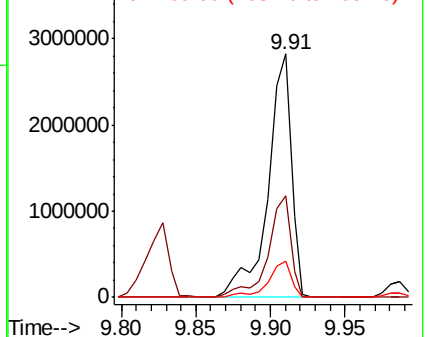
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 66.435 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.02 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

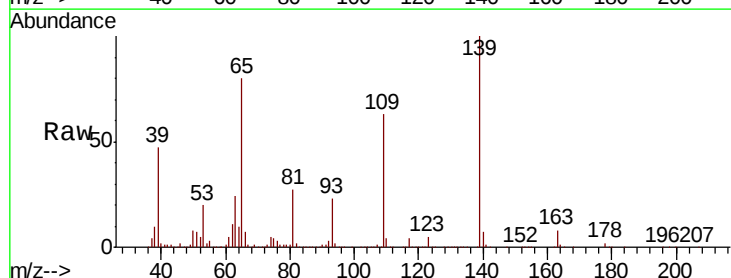
Tgt Ion:139 Resp: 885949

Ion Ratio Lower Upper

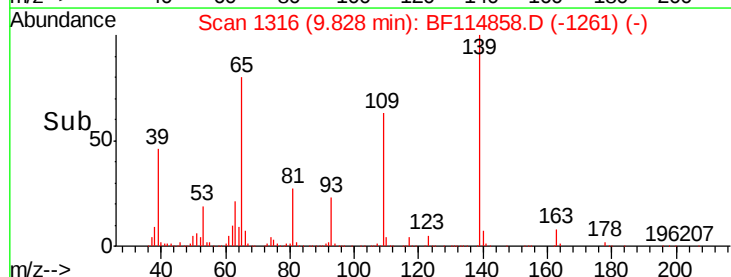
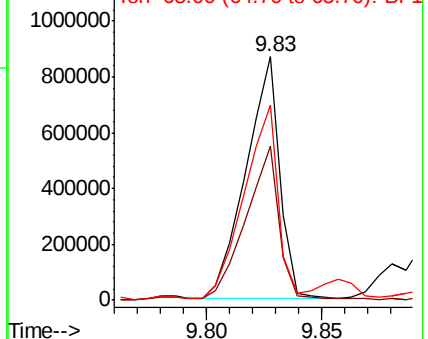
139 100

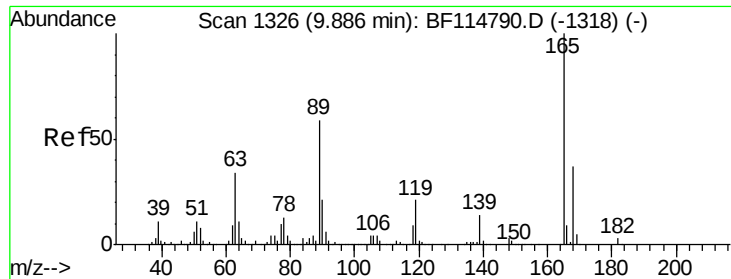
109 63.2 43.5 83.5

65 79.8 63.2 103.2



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





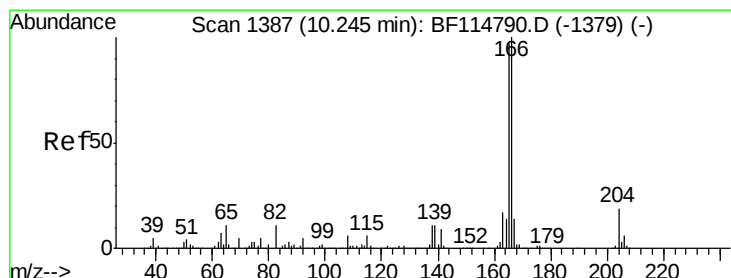
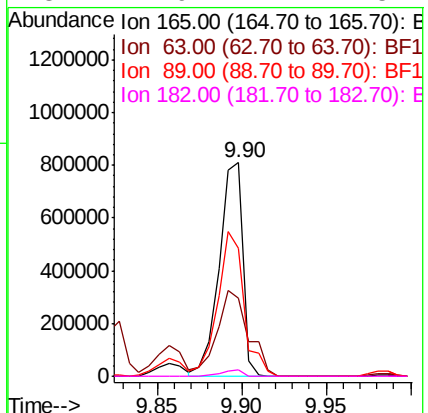
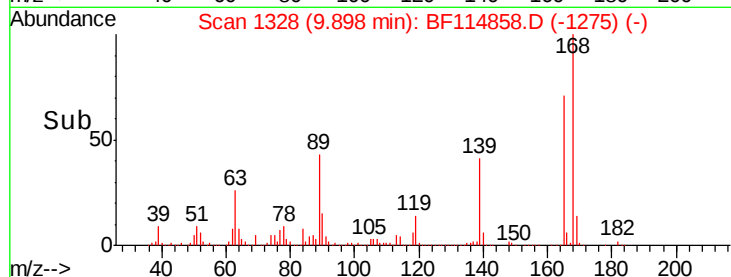
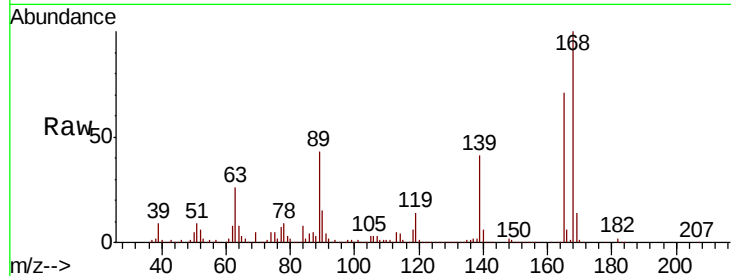
#57
 2,4-Dinitrotoluene
 Concen: 40.269 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.7	27.0	40.4
89	59.9	47.0	70.6
182	2.9	2.2	3.2

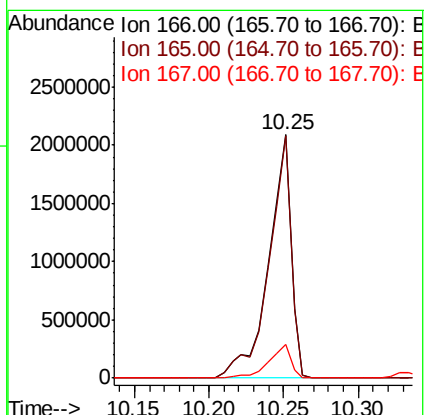
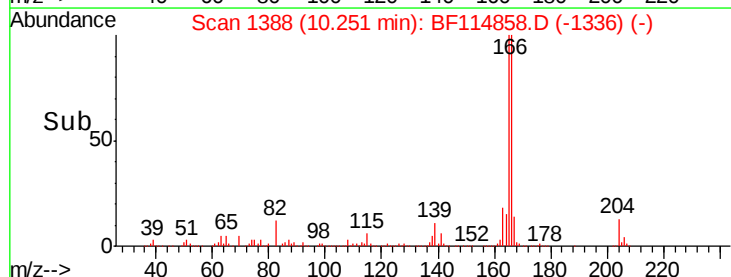
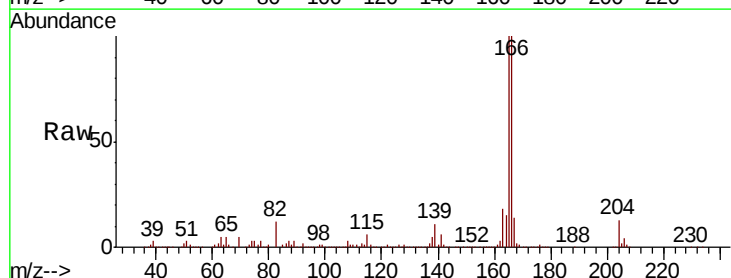
Manual Integrations
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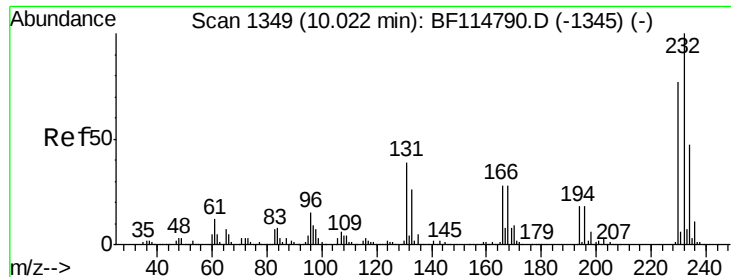
mohammad
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#58
 Fluorene
 Concen: 45.164 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.9	11.3	16.9





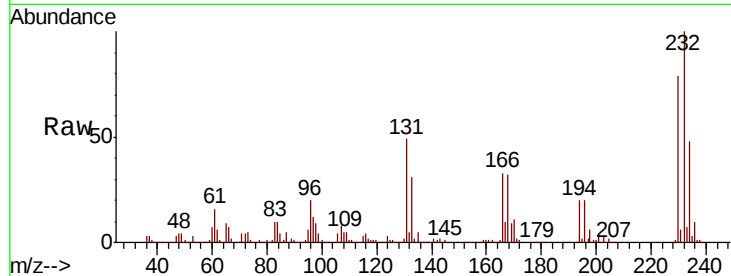
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.294 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	36.8	55.2
130	2.1	1.8	2.6
166	30.9	24.6	37.0

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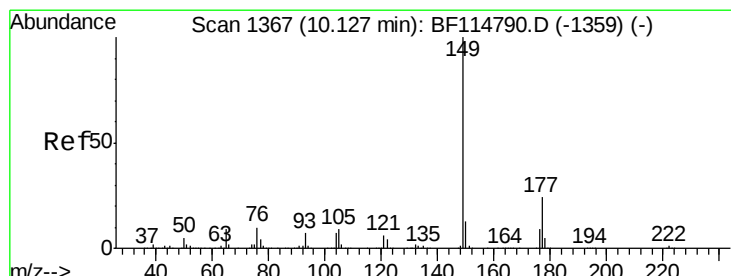
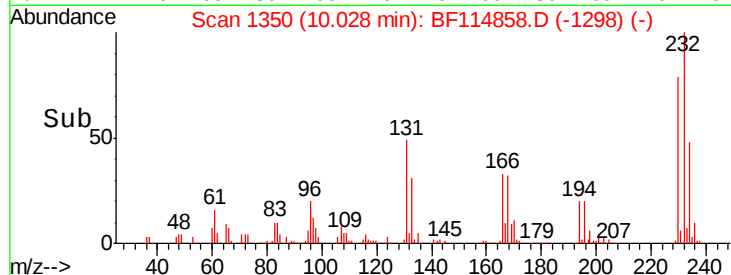
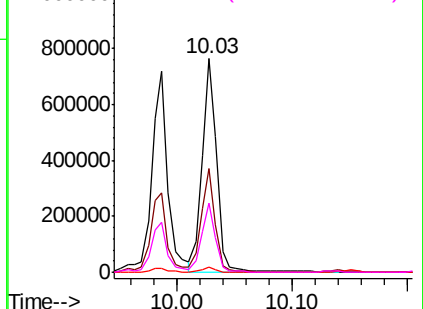
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.521 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

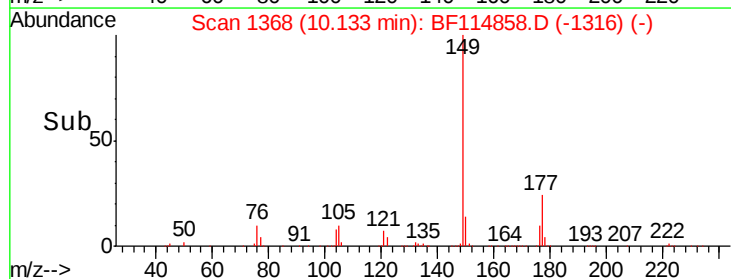
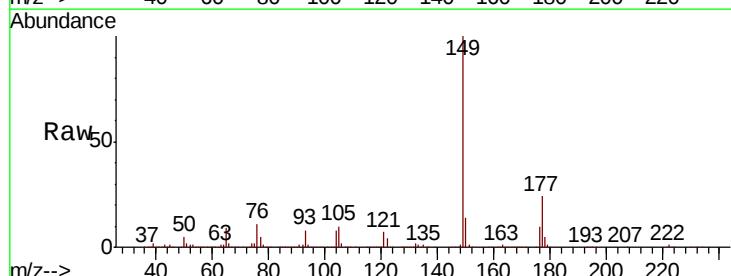
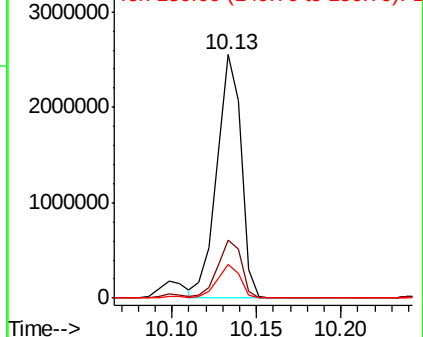
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.3	28.9
150	14.0	10.7	16.1

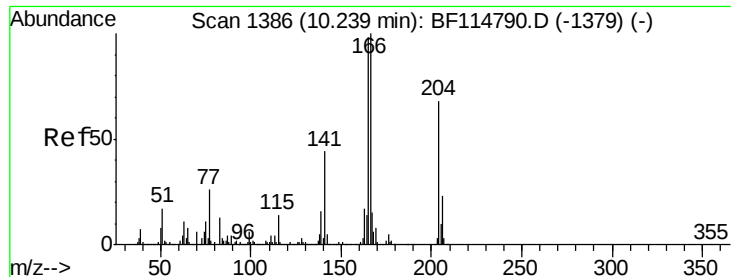
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





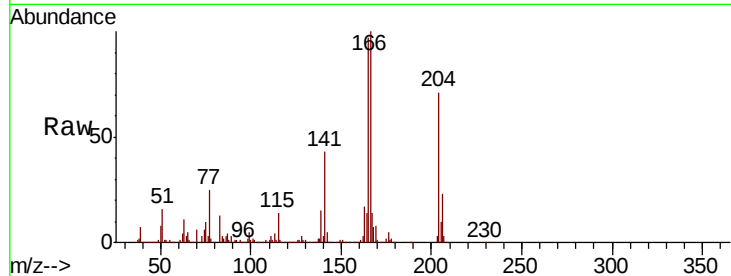
#61
4-Chlorophenyl-phenylether
Concen: 38.337 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	60.7	51.0	76.4

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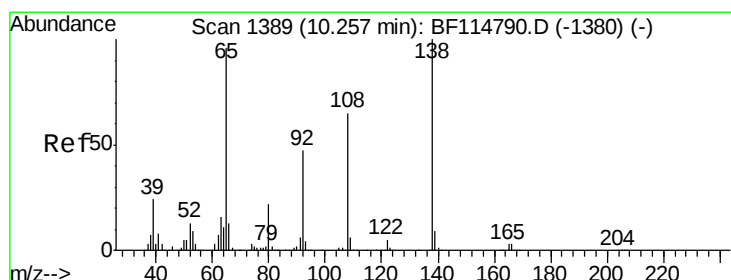
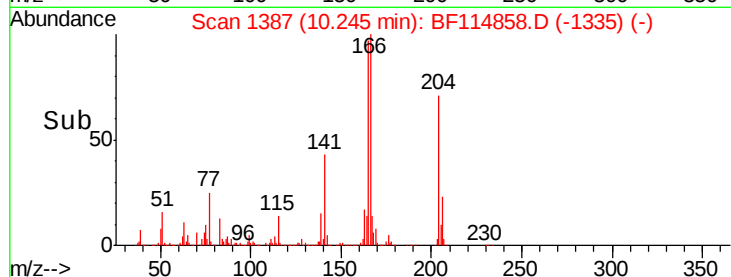
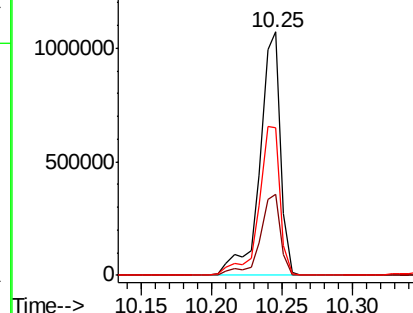


Abundance

Ion 204.00 (203.70 to 204.70): E

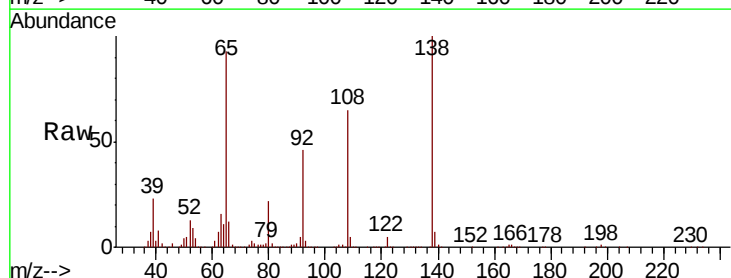
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 34.367 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	26.5	66.5
108	64.8	45.4	85.4

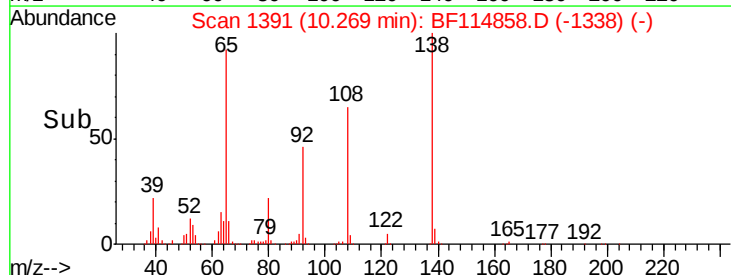
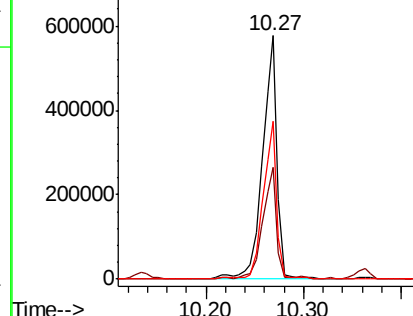


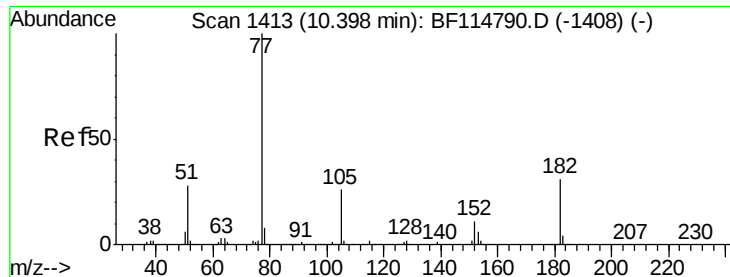
Abundance

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





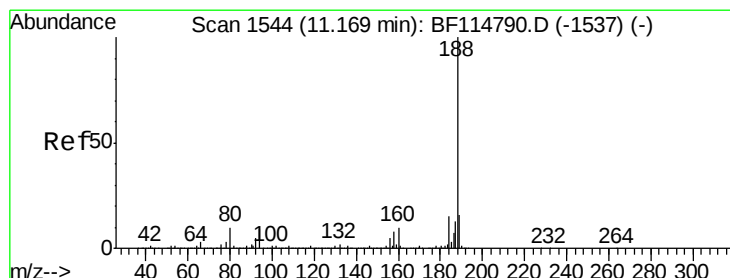
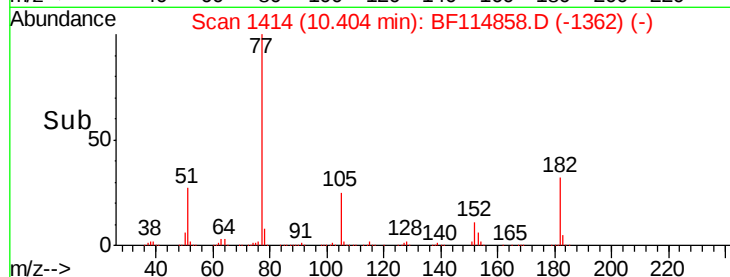
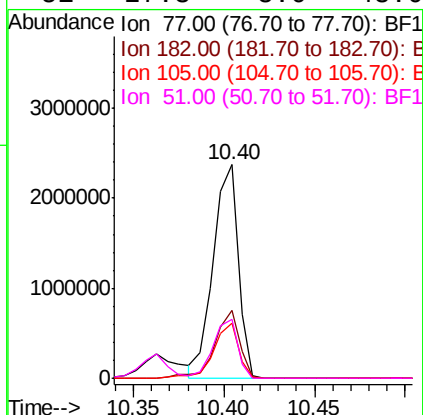
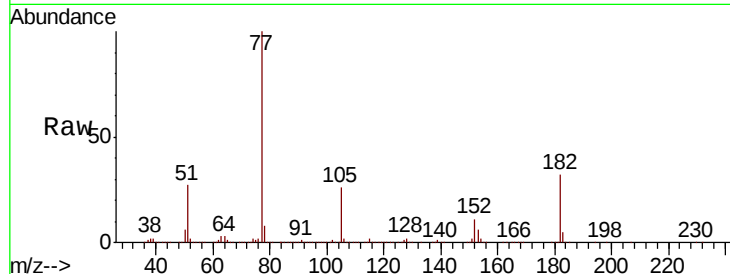
#63
Azobenzene
Concen: 40.320 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.9	11.2	51.2
105	25.8	5.7	45.7
51	27.3	8.0	48.0

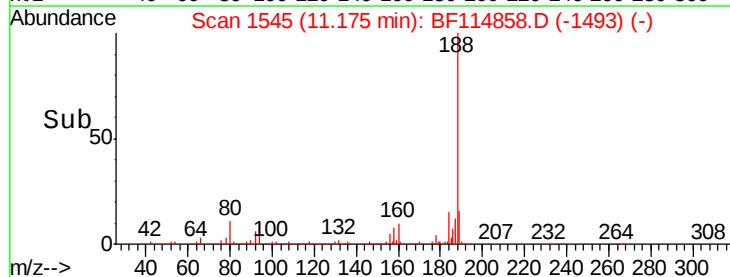
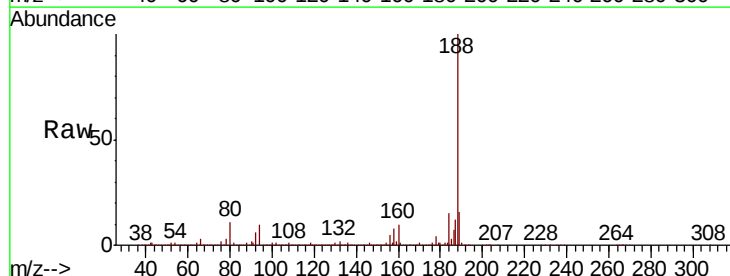
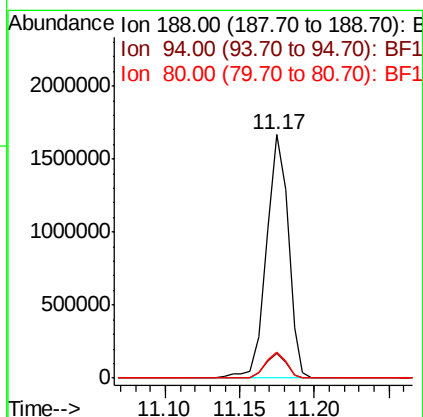
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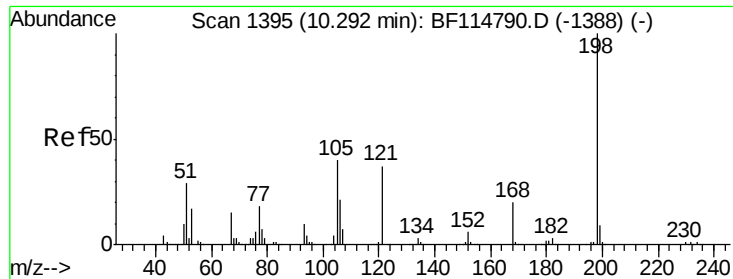
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.6	11.4
80	10.6	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 26.762 ng

RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

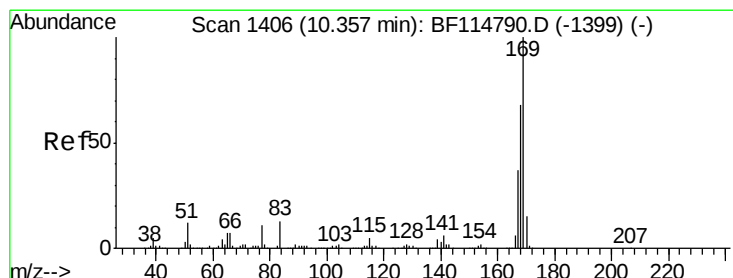
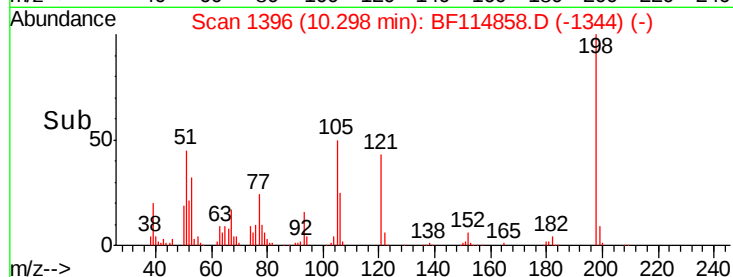
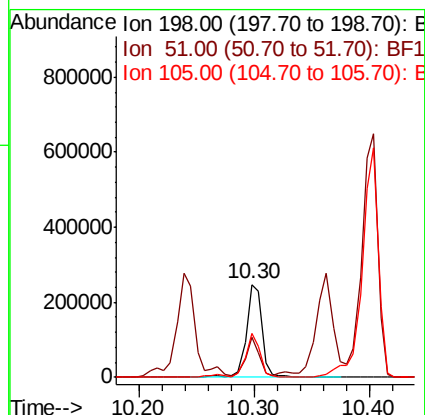
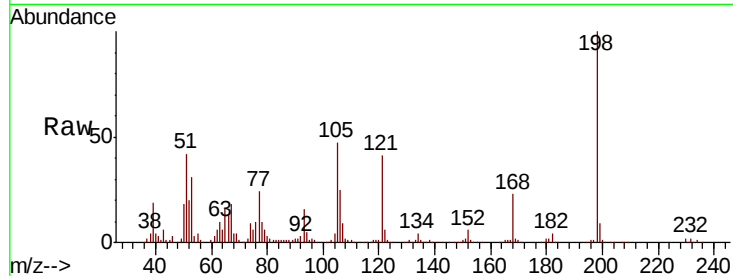
ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:	198	Resp:	235057
Ion Ratio	Lower	Upper	
198	100		
51	42.5	14.9	54.9
105	47.2	21.0	61.0

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#66

n-Nitrosodiphenylamine

Concen: 43.285 ng

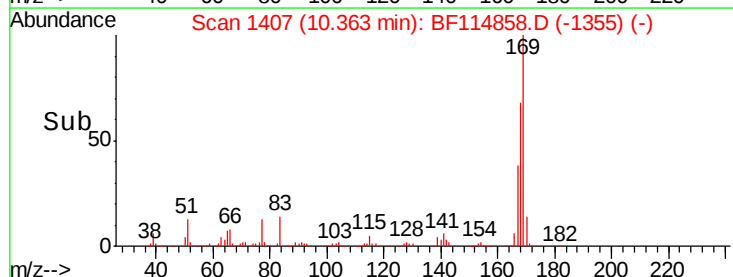
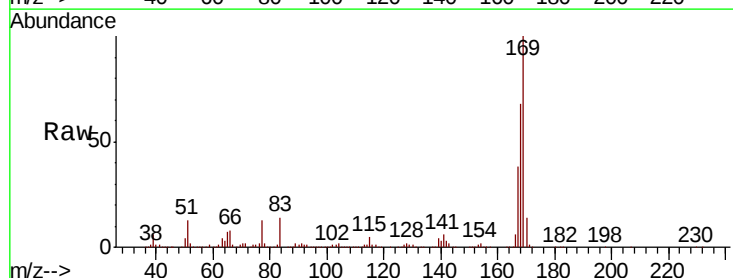
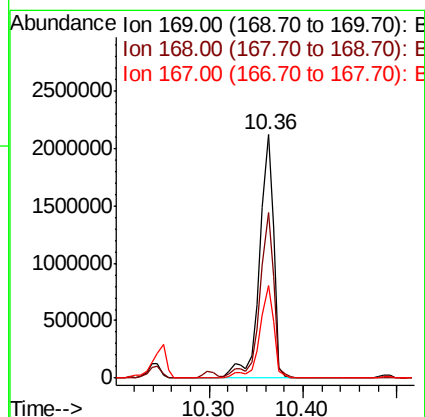
RT: 10.36 min Scan# 1407

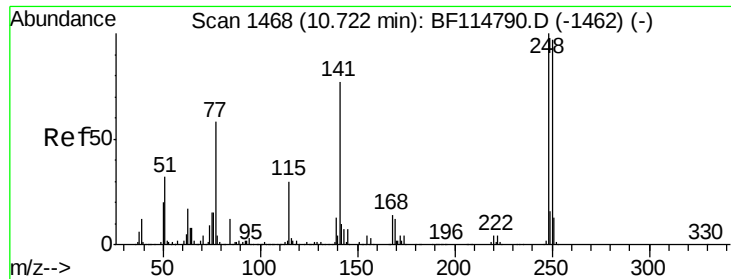
Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion:	169	Resp:	2213090
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.3	81.5
167	38.1	29.9	44.9





#67

4-Bromophenyl-phenylether

Concen: 41.430 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

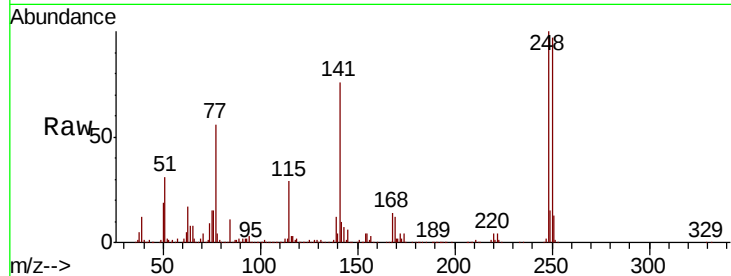
ClientSampleId :

IRONBOUND-TPMSD

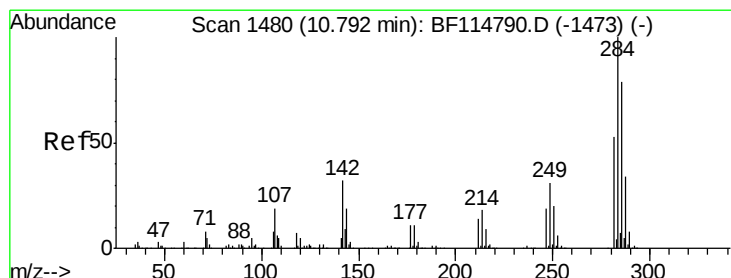
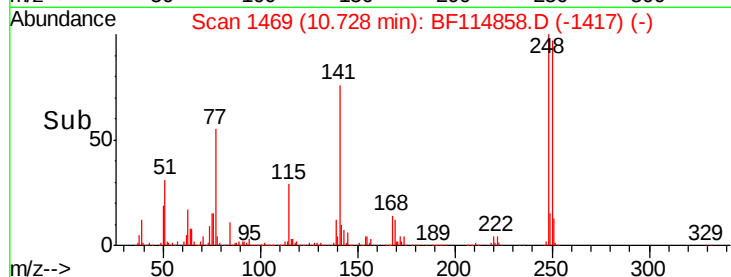
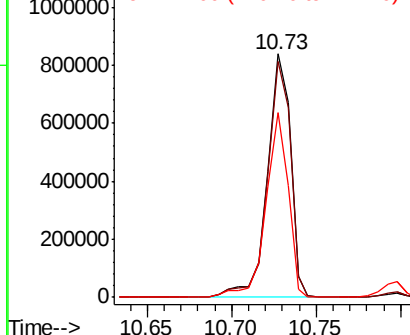
Tot Ion:	248	Resp:	795628
Ion Ratio	Lower	Upper	
248	100		
250	96.7	77.5	116.3
141	75.6	61.8	92.8

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



#68

Hexachlorobenzene

Concen: 39.970 ng

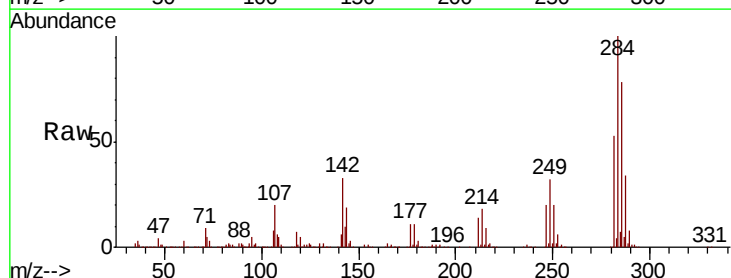
RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

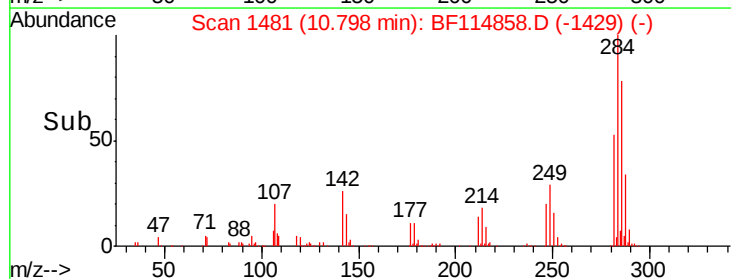
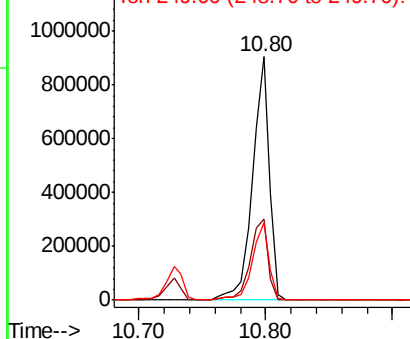
Lab File: BF114858.D

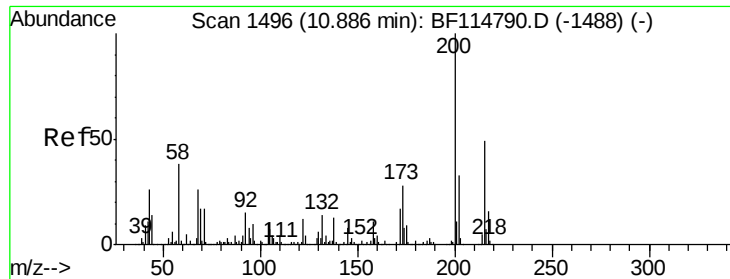
Acq: 6 Jun 2019 13:03

Tgt Ion:	284	Resp:	840053
Ion Ratio	Lower	Upper	
284	100		
142	33.3	25.3	37.9
249	31.8	24.9	37.3



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





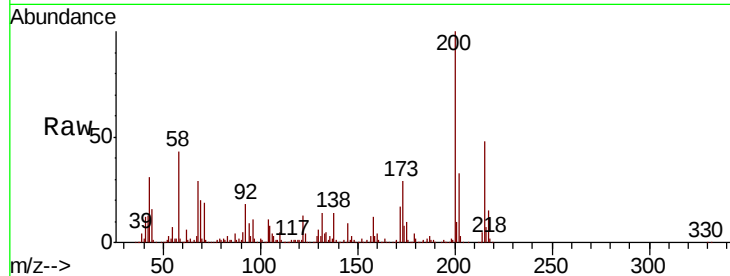
#69
Atrazine
Concen: 41.050 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	729948		
173	29.0	8.0	48.0	
215	47.6	28.7	68.7	

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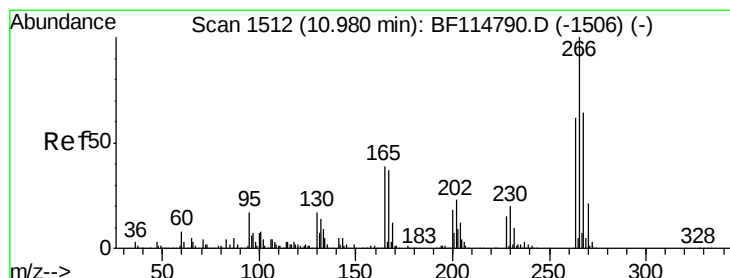
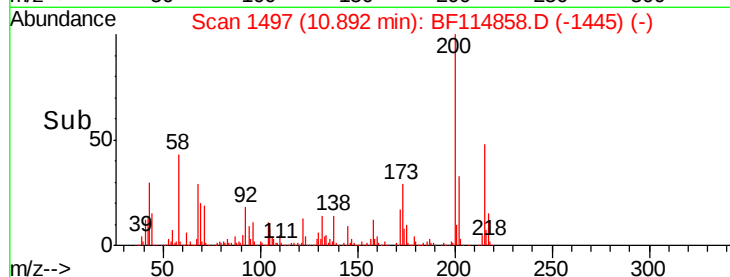
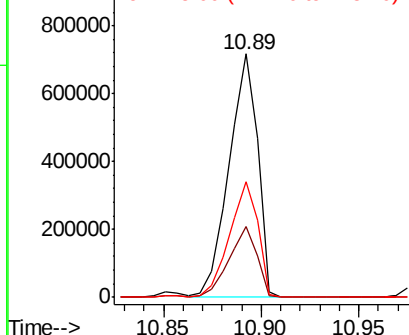


Abundance

Ion 200.00 (199.70 to 200.70): E

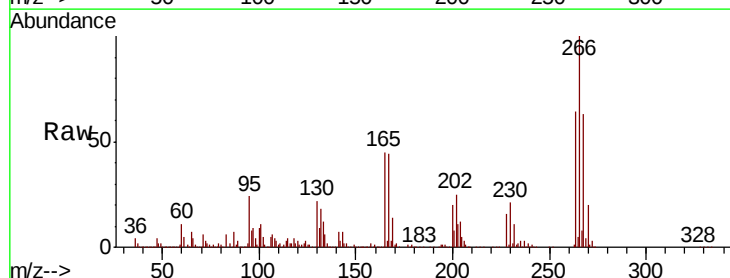
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.919 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	813068		
268	63.2	51.0	76.6	
264	63.6	49.6	74.4	

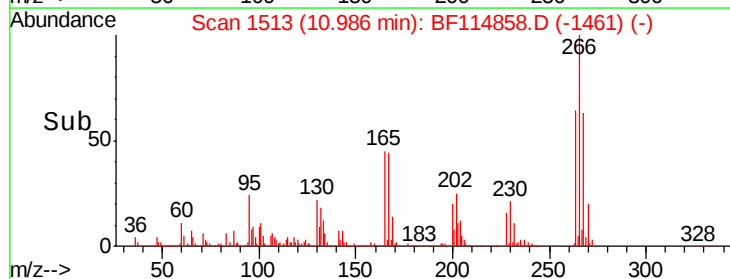
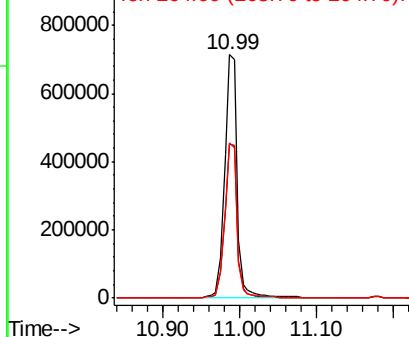


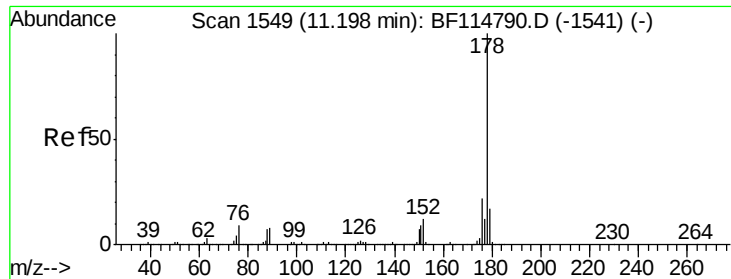
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





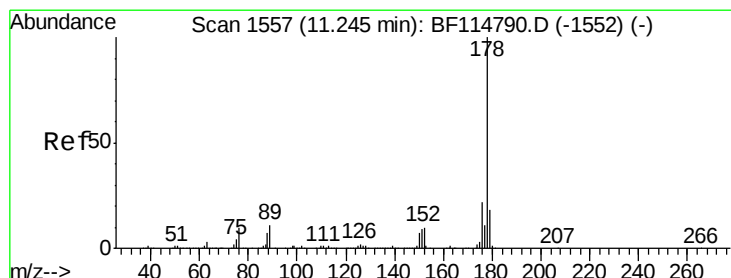
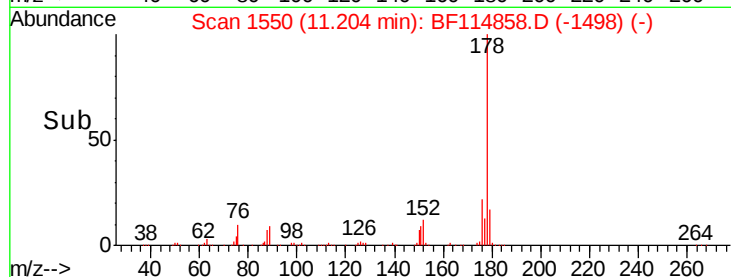
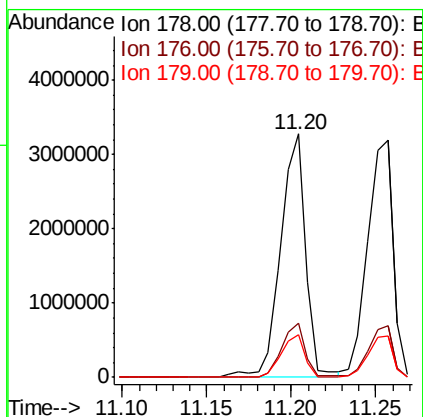
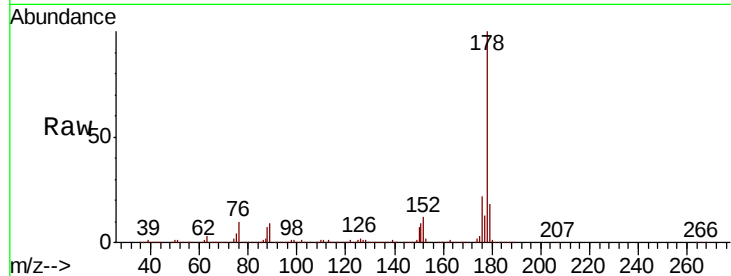
#71
Phenanthrene
Concen: 42.055 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.5	17.7	26.5
179	17.6	13.7	20.5

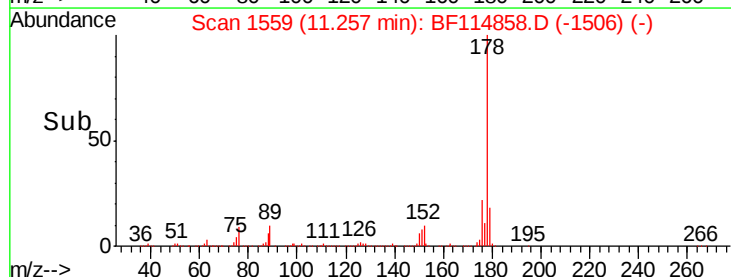
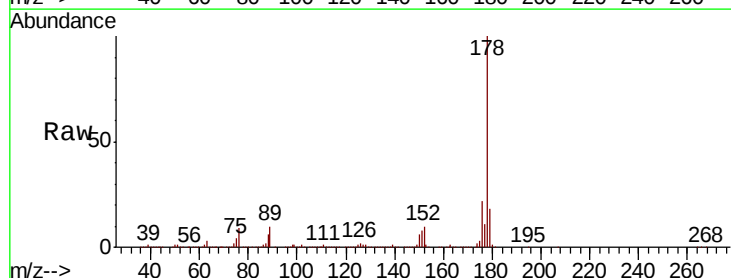
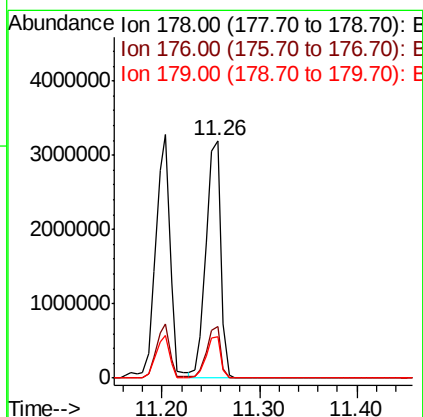
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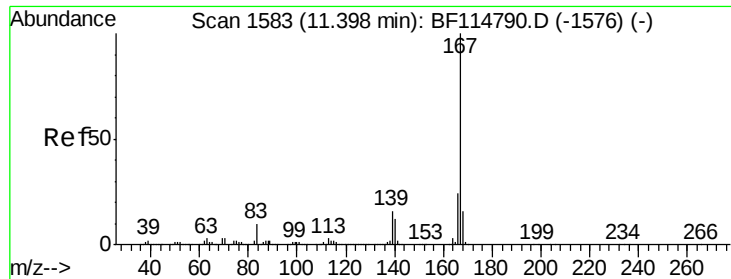
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#72
Anthracene
Concen: 39.673 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.0	17.4	26.0
179	17.6	14.2	21.4





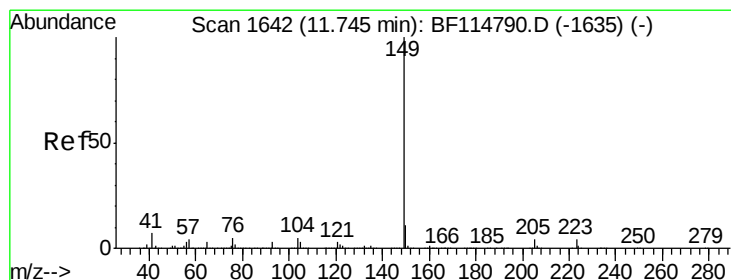
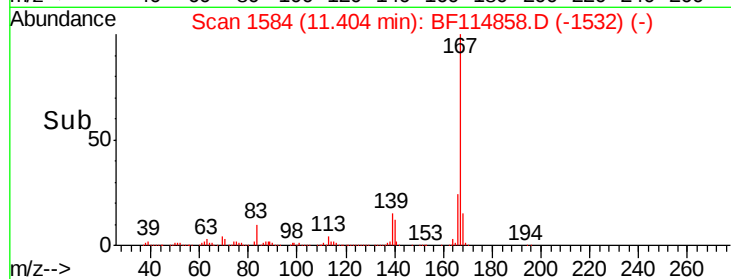
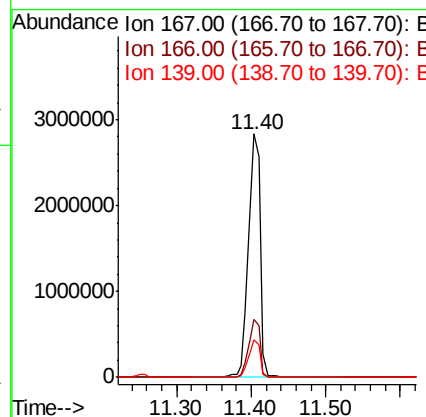
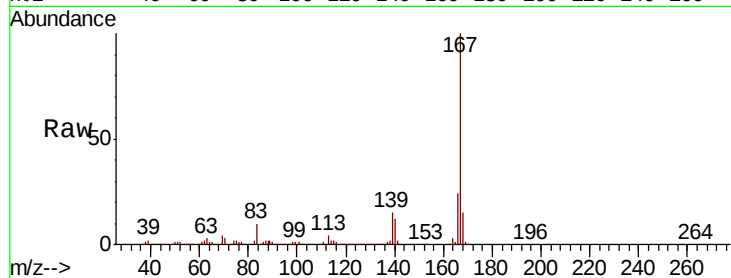
#73
 Carbazole
 Concen: 42.200 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	19.1	28.7
139	15.4	12.4	18.6

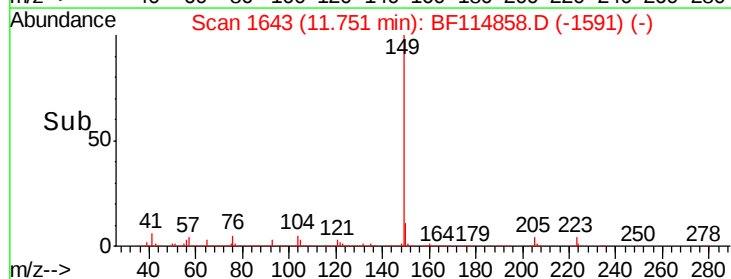
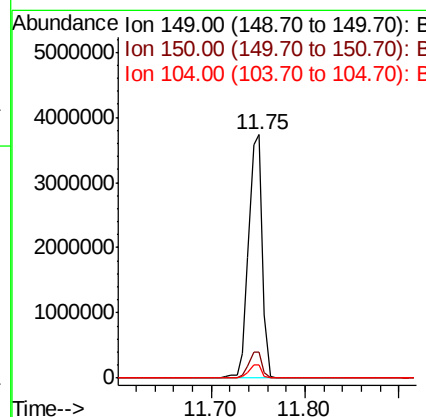
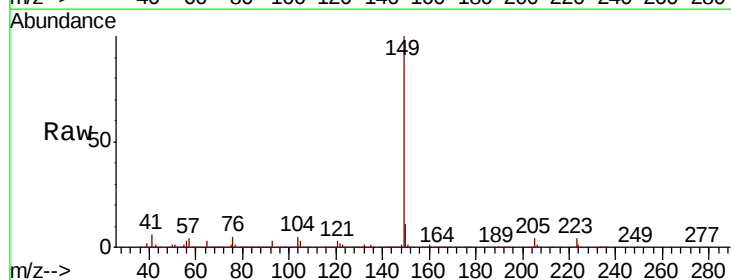
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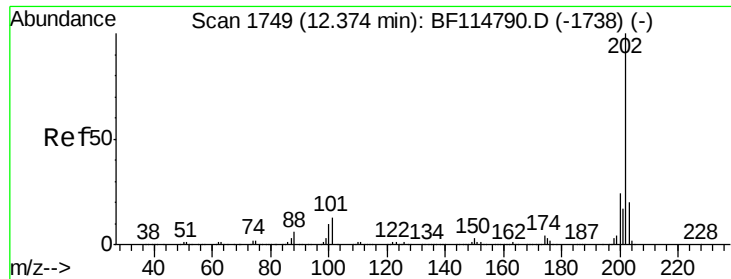
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#74
 Di-n-butylphthalate
 Concen: 39.526 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.9	13.3
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 40.282 ng

RT: 12.38 min Scan# 1750

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:202 Resp: 3384278

Ion Ratio Lower Upper

202 100

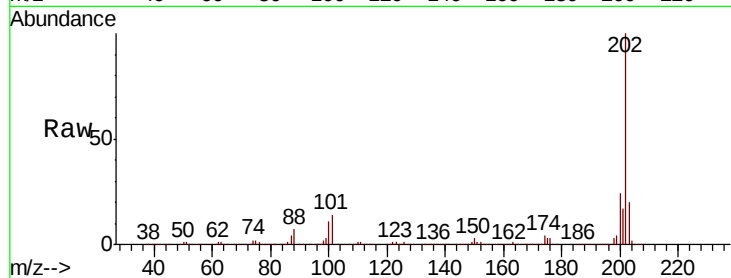
101 14.5 0.0 32.8

203 19.8 0.2 40.2

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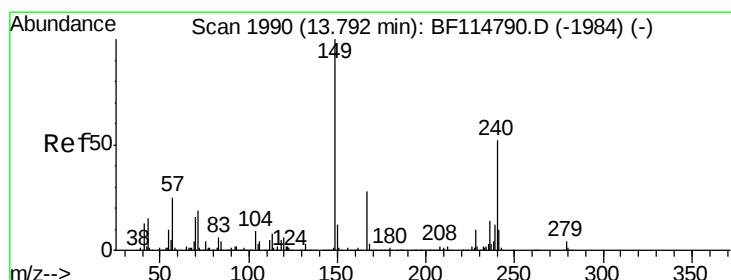
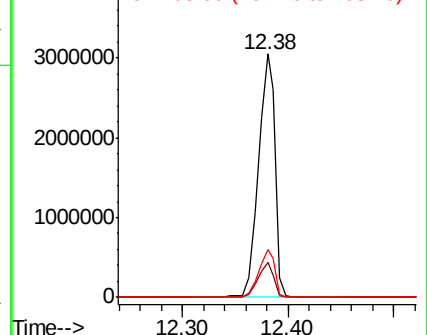
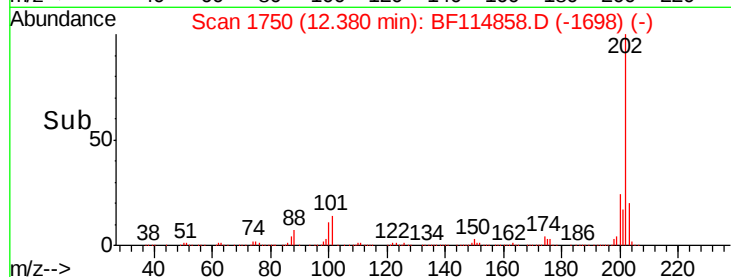


Abundance

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: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

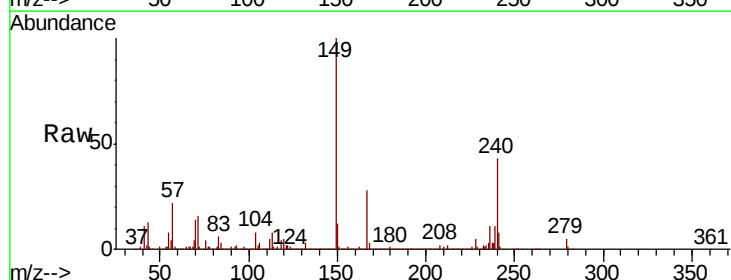
Tgt Ion:240 Resp: 870407

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 26.7 21.4 32.0

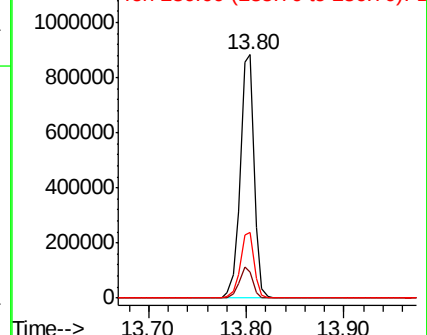
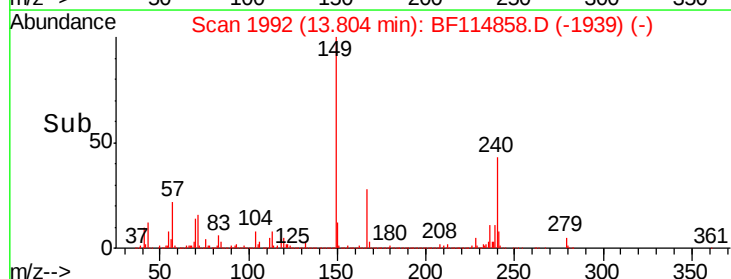


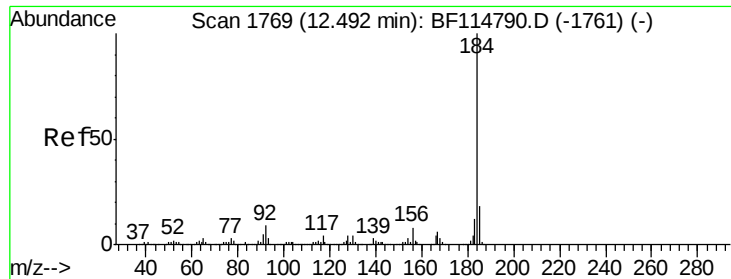
Abundance

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: 9.230 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

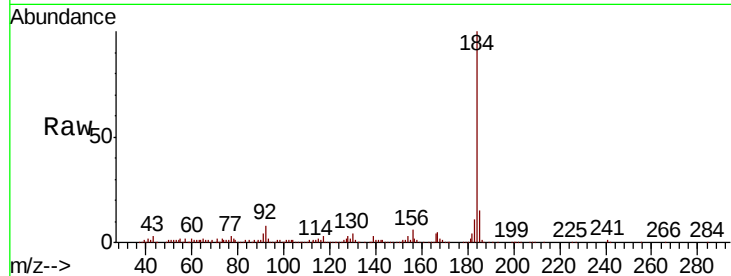
ClientSampleId :

IRONBOUND-TPMSD

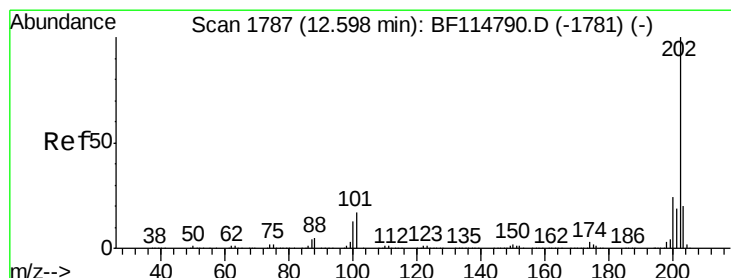
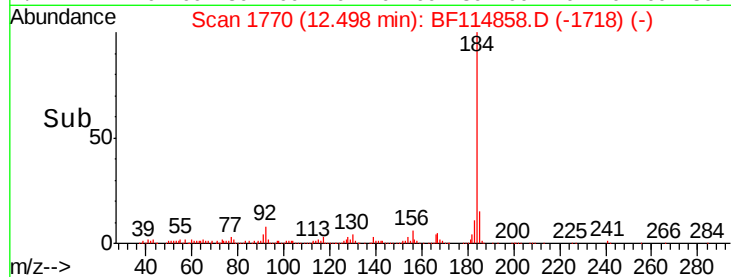
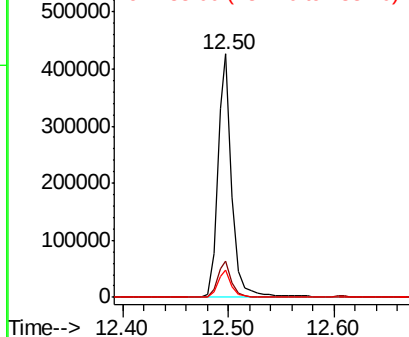
Tot Ion:	184	Resp:	397736
Ion	Ratio	Lower	Upper
184	100		
185	14.7	14.1	21.1
183	11.3	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.872 ng

RT: 12.61 min Scan# 1789

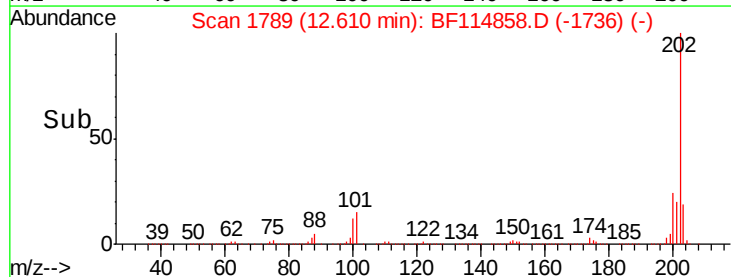
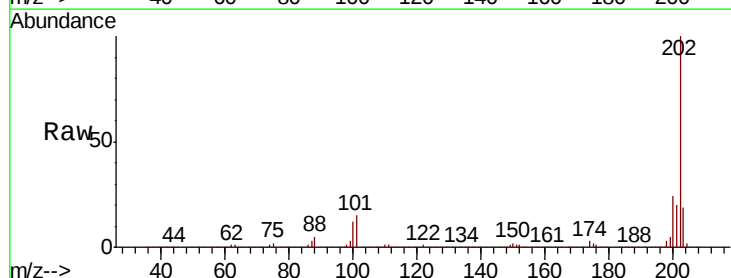
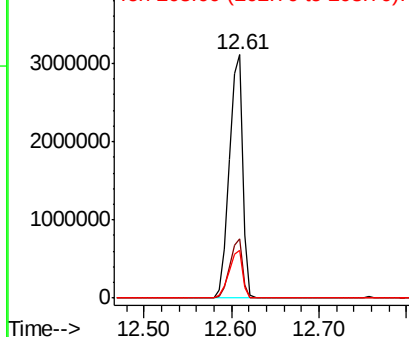
Delta R.T. 0.01 min

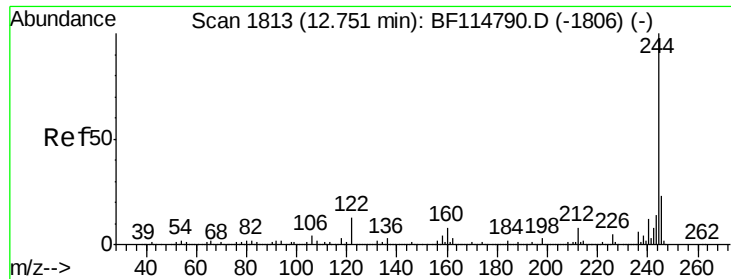
Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Tgt Ion:	202	Resp:	3312692
Ion	Ratio	Lower	Upper
202	100		
200	24.1	19.2	28.8
203	19.4	15.9	23.9

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





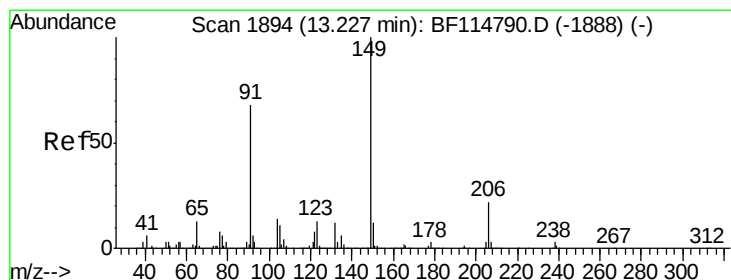
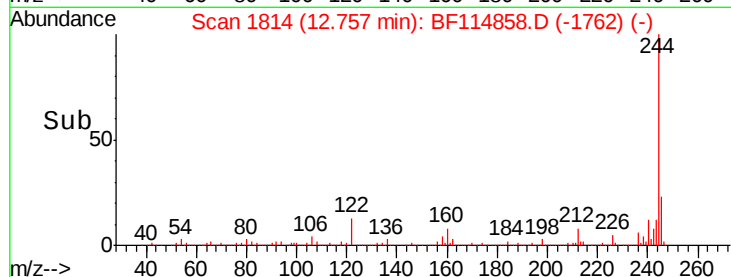
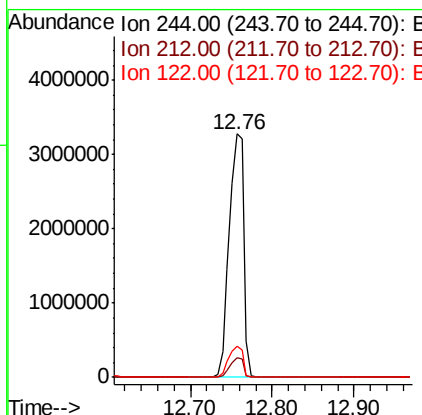
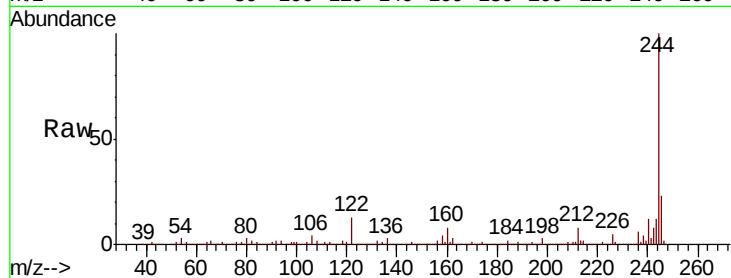
#79
 Terphenyl-d14
 Concen: 91.067 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion:244 Resp: 4075848
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 12.9 10.5 15.7

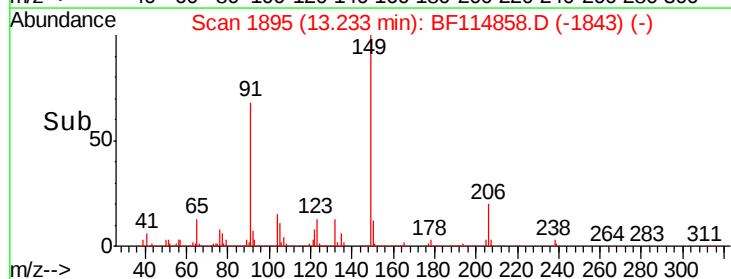
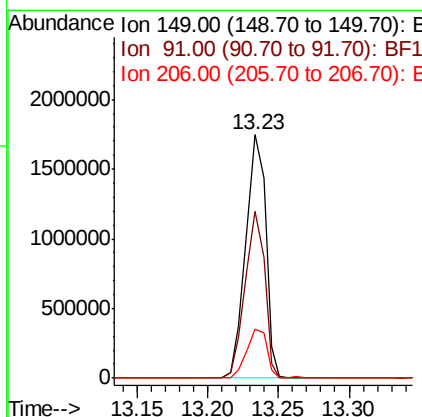
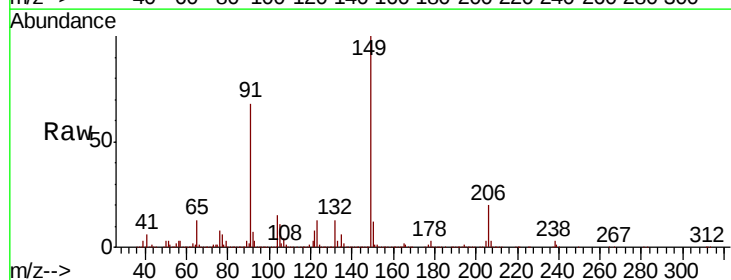
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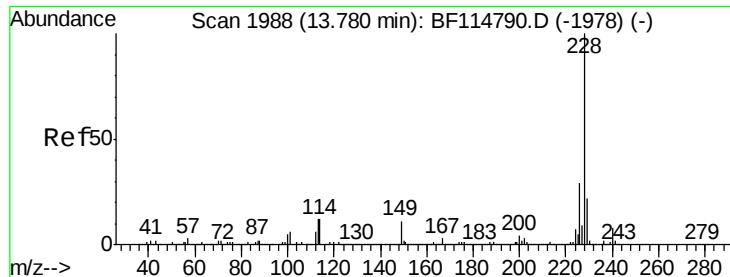
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#80
 Butylbenzylphthalate
 Concen: 45.756 ng
 RT: 13.23 min Scan# 1895
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion:149 Resp: 1744672
 Ion Ratio Lower Upper
 149 100
 91 68.5 54.6 82.0
 206 20.3 17.2 25.8





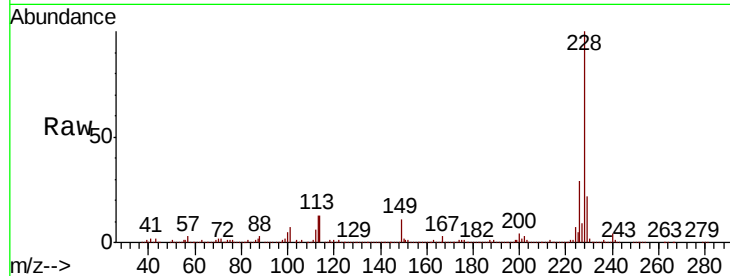
#81
Benzo(a)anthracene
Concen: 41.107 ng
RT: 13.79 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.7	17.4	26.0

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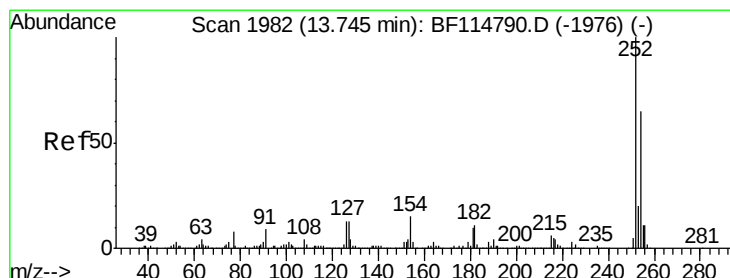
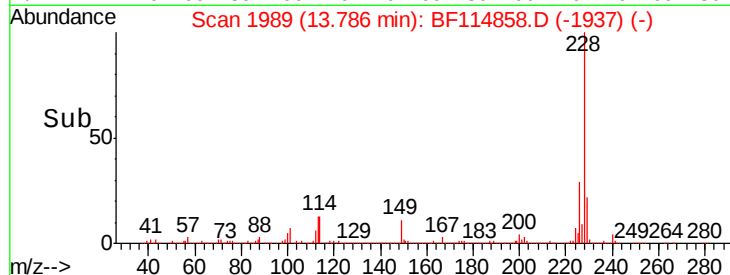
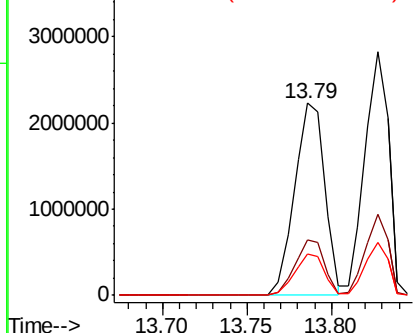


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 11.752 ng
RT: 13.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

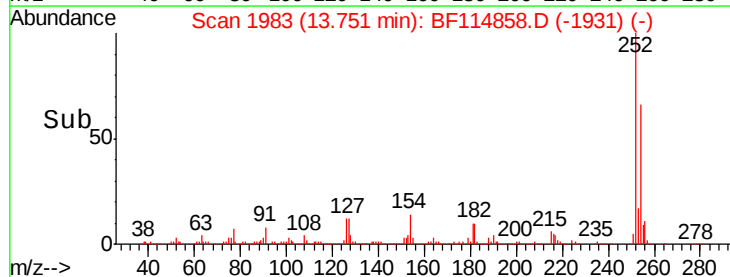
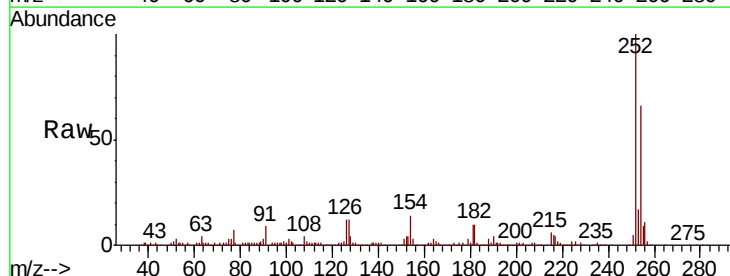
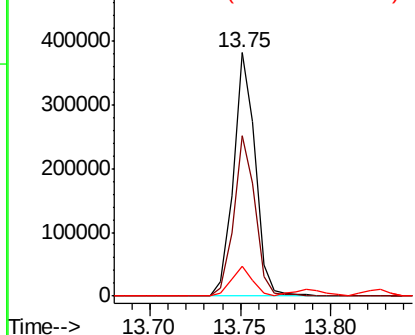
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.9	77.9
126	12.3	10.5	15.7

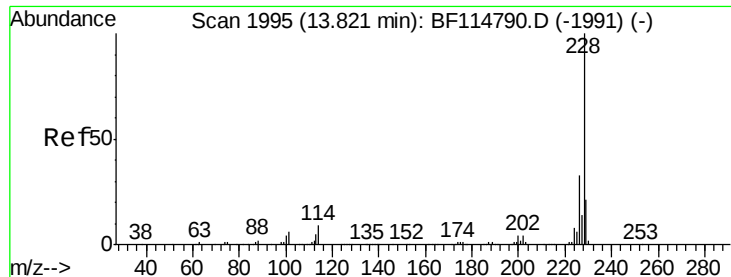
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





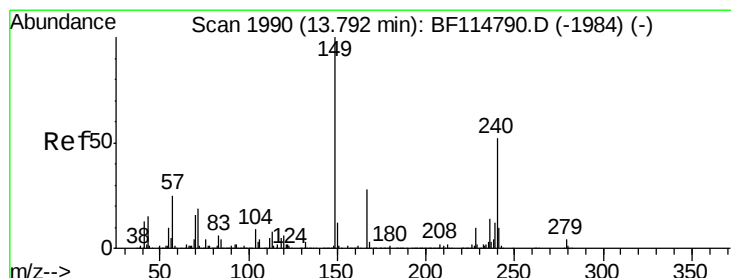
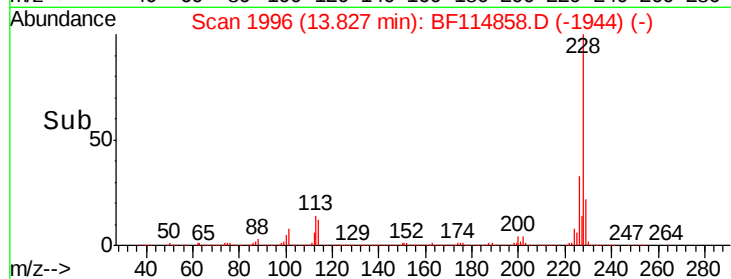
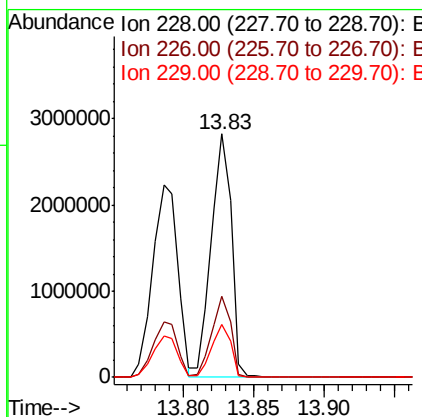
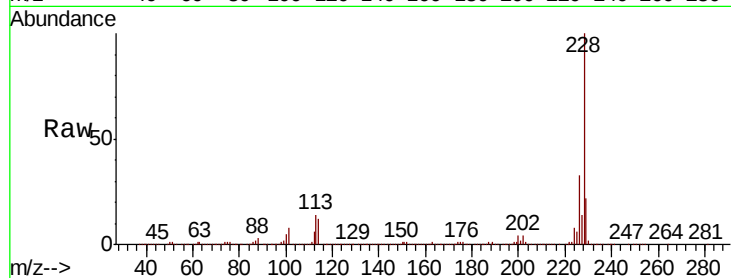
#83
 Chrvsene
 Concen: 42.958 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.0	39.0
229	21.8	17.1	25.7

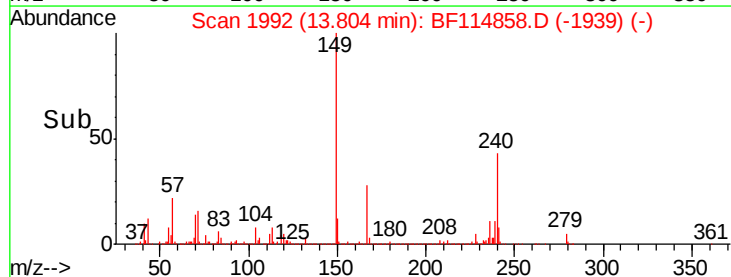
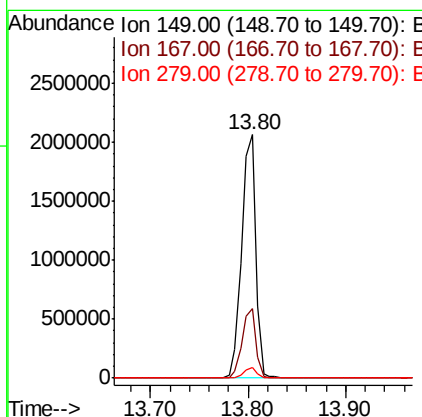
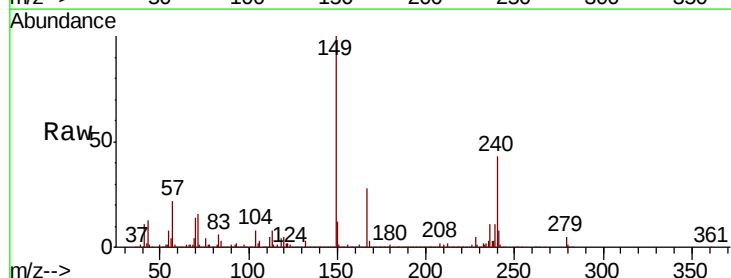
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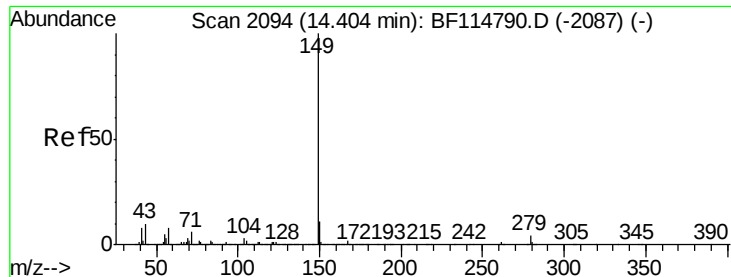
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.909 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: BF114858.D
 Acq: 6 Jun 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.7	34.1
279	4.6	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 44.842 ng

RT: 14.41 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:149 Resp: 3673744

Ion Ratio Lower Upper

149 100

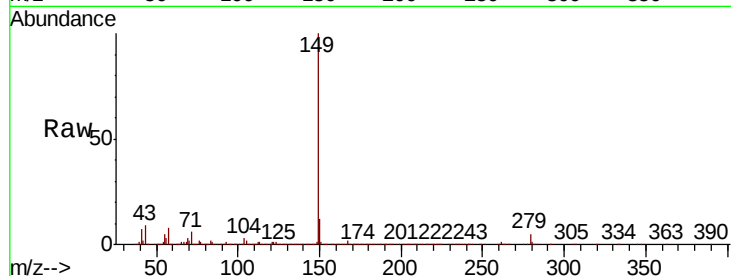
167 1.7 1.4 2.0

43 8.8 7.0 10.6

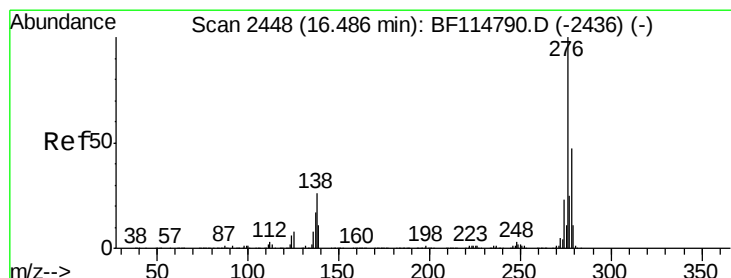
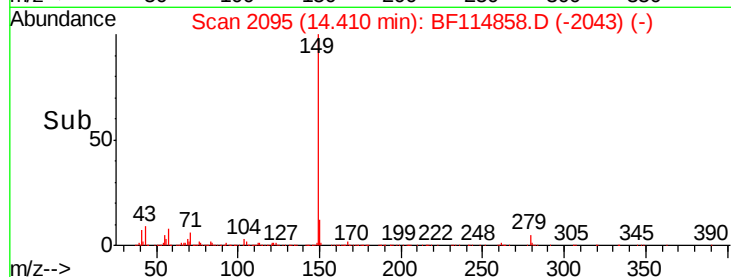
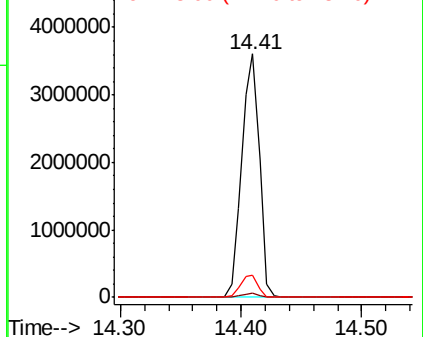
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.410 ng

RT: 16.50 min Scan# 2450

Delta R.T. 0.01 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

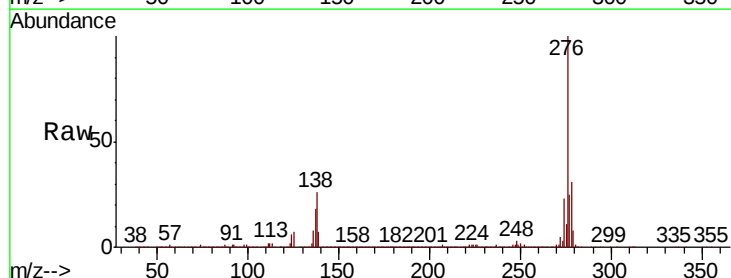
Tgt Ion:276 Resp: 2710645

Ion Ratio Lower Upper

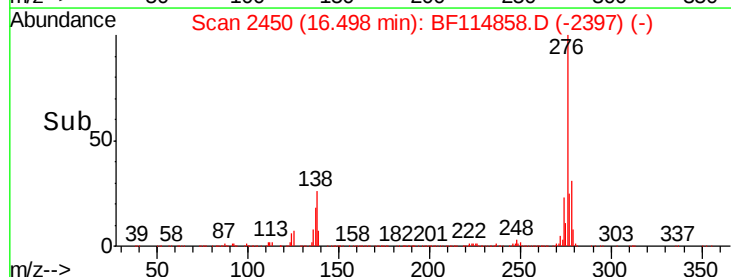
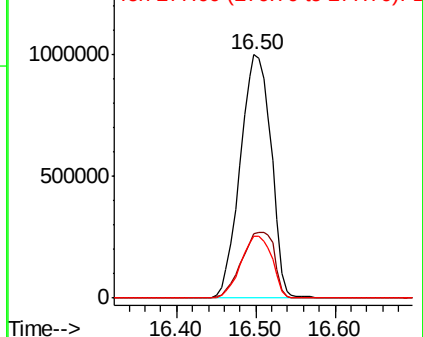
276 100

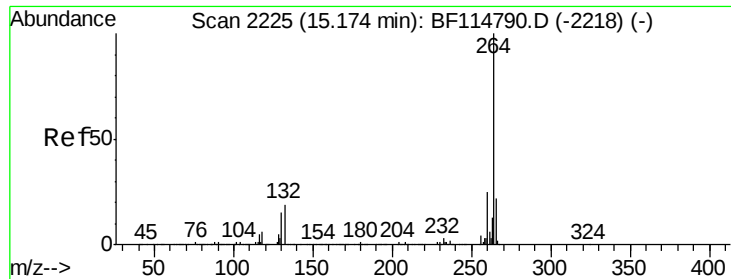
138 28.8 22.2 33.4

277 25.8 20.6 30.8



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





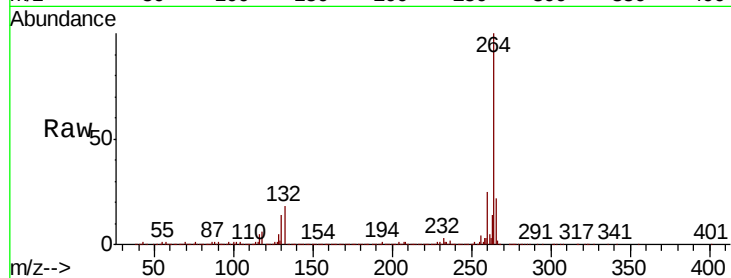
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.7	20.1	30.1	
265	21.8	17.7	26.5	

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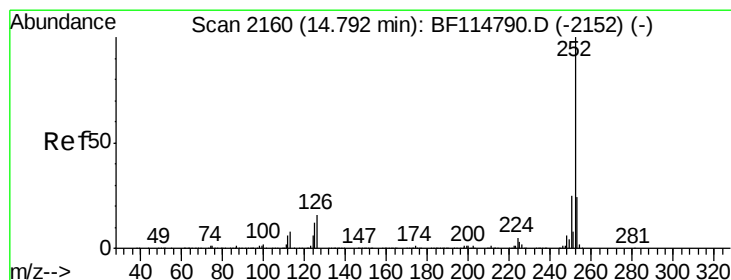
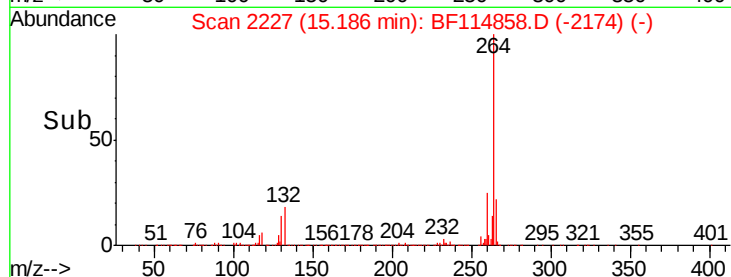
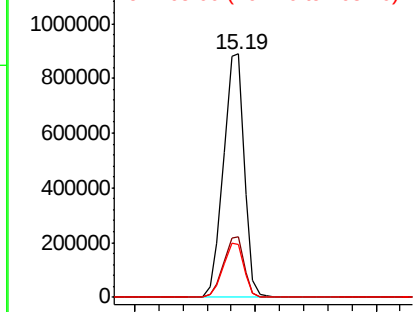


Abundance

Ion 264.00 (263.70 to 264.70): E

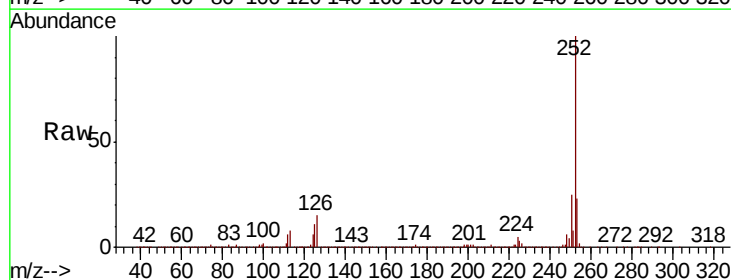
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.887 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	23.1	19.0	28.6	
125	11.5	9.4	14.0	

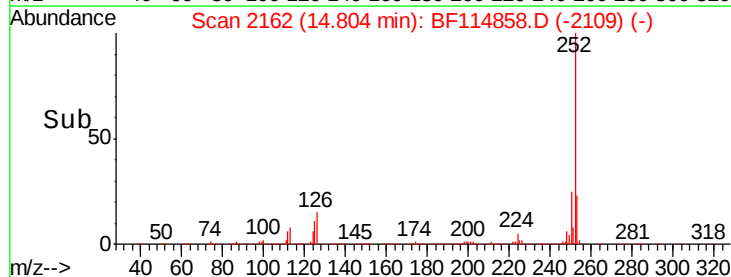
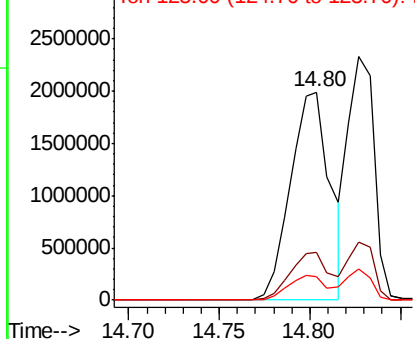


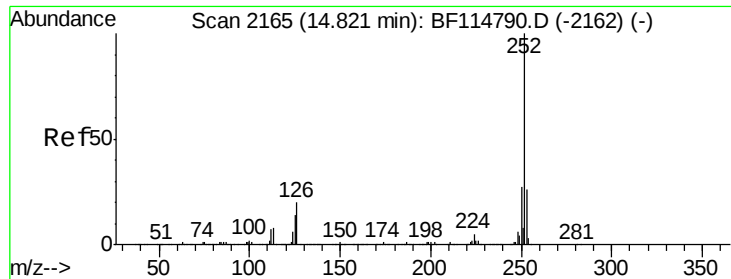
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





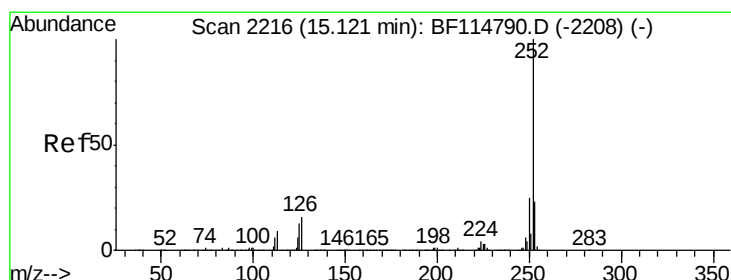
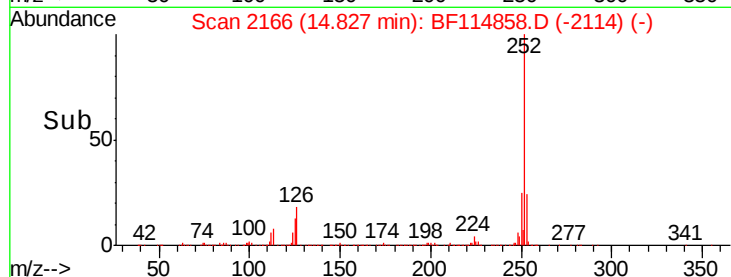
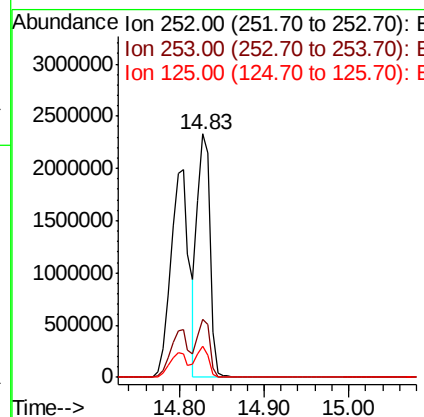
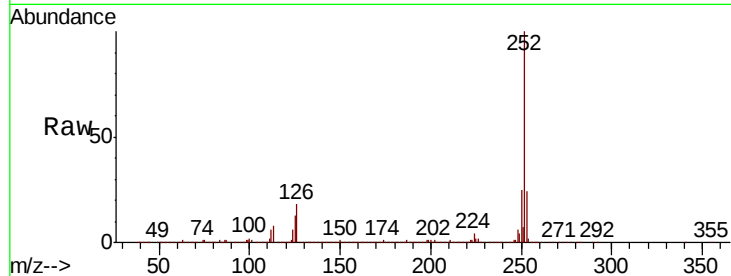
#89
Benzo(k)fluoranthene
Concen: 41.274 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TPMSD

Tot Ion:252 Resp: 2376396
Ion Ratio Lower Upper
252 100
253 23.8 19.3 28.9
125 12.7 10.1 15.1

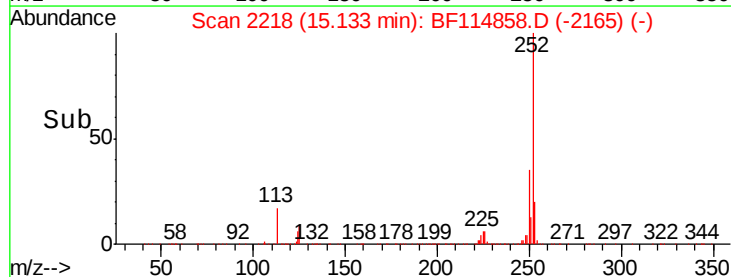
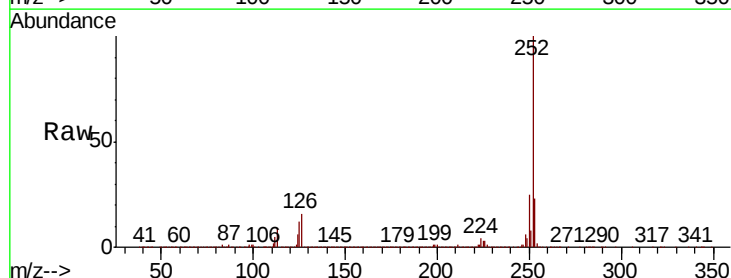
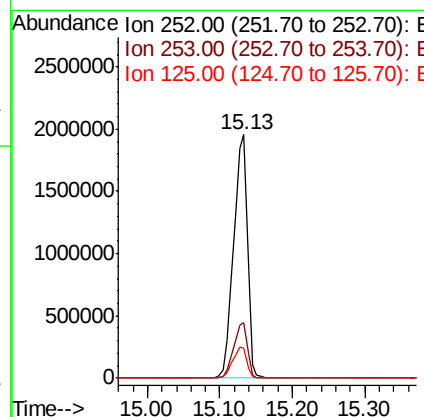
Manual Integrations
APPROVED

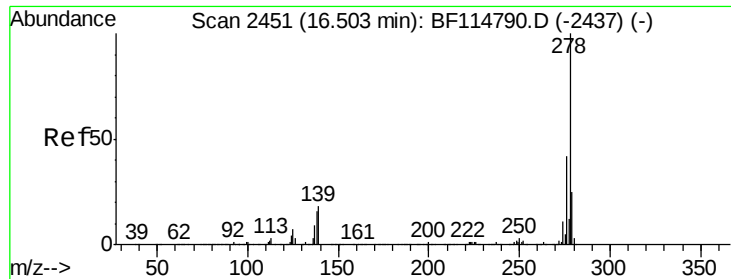
mohammad
6/7/2019 2:11:24 PM



#90
Benzo(a)pyrene
Concen: 44.146 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF114858.D
Acq: 6 Jun 2019 13:03

Tgt Ion:252 Resp: 2590642
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 12.4 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 40.073 ng

RT: 16.52 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TPMSD

Tot Ion:278 Resp: 2227026

Ion Ratio Lower Upper

278 100

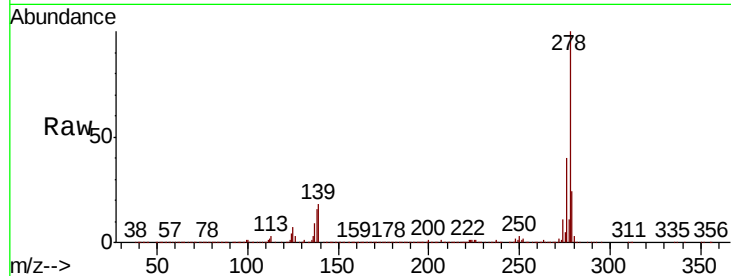
139 18.3 14.6 22.0

279 24.4 20.1 30.1

Manual Integrations
APPROVED

mohammad

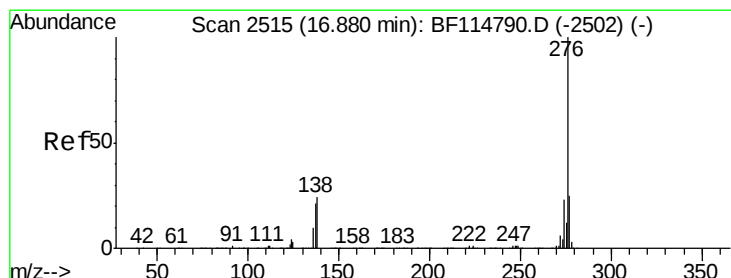
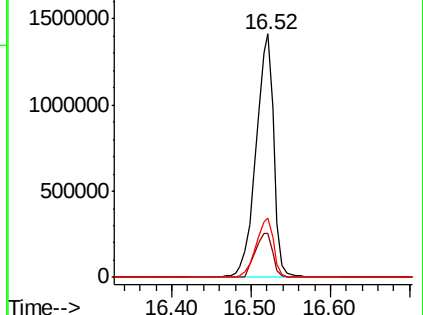
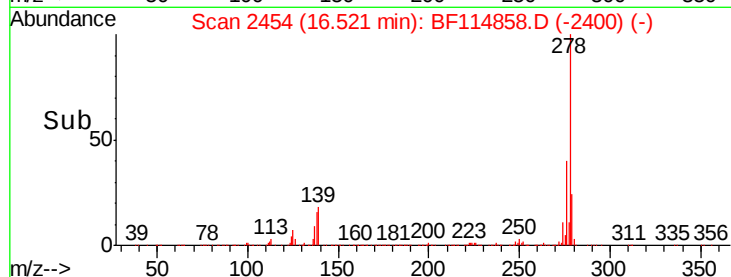
6/7/2019 2:11:24 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.939 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.02 min

Lab File: BF114858.D

Acq: 6 Jun 2019 13:03

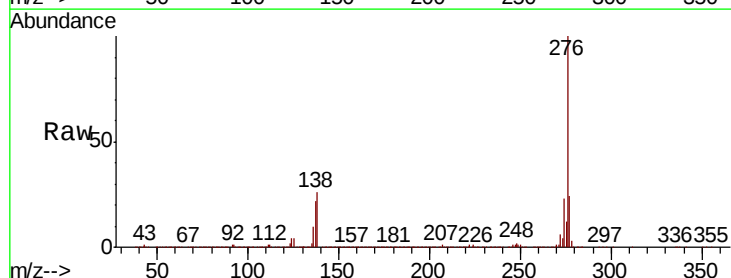
Tgt Ion:276 Resp: 2232001

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.6

138 25.7 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

