

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115015.D
 Acq On : 13 Jun 2019 21:23
 Operator : HP/JU
 Sample : K3345-09MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Manual Integrations
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mohammad
 6/14/2019 8:47:25 AM

Quant Time: Jun 14 04:24:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	294408	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1139938	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	547409	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1038020	20.00	ng	0.00
76) Chrysene-d12	13.77	240	510927	20.00	ng	0.00
87) Perylene-d12	15.14	264	573617	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1005502	57.03	ng	0.00
7) Phenol-d6	6.29	99	818019	38.46	ng	0.00
23) Nitrobenzene-d5	7.22	82	1671727	88.27	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	700515	119.50	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	3018643	93.46	ng	0.00
79) Terphenyl-d14	12.73	244	2835719	104.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	133157	16.134	ng	99
3) Pyridine	3.02	79	291841	12.560	ng	99
4) n-Nitrosodimethylamine	2.93	42	141112	17.106	ng	98
6) Aniline	6.31	93	465792	16.353	ng	# 80
8) 2-Chlorophenol	6.43	128	711350	35.581	ng	98
9) Benzaldehyde	6.19	77	222341	13.499	ng	99
10) Phenol	6.30	94	335699	14.108	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	786349	42.576	ng	99
12) 1,3-Dichlorobenzene	6.59	146	821856	35.195	ng	99
13) 1,4-Dichlorobenzene	6.66	146	840642	35.807	ng	100
14) 1,2-Dichlorobenzene	6.82	146	785920	35.558	ng	98
15) Benzyl Alcohol	6.79	79	435593	27.335	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	1027515	41.567	ng	98
17) 2-Methylphenol	6.92	107	496483	29.773	ng	98
18) Hexachloroethane	7.16	117	295895	34.900	ng	97
19) n-Nitroso-di-n-propylamine	7.07	70	573046	44.346	ng	98
20) 3+4-Methylphenols	7.07	107	512766m	25.836	ng	
22) Acetophenone	7.06	105	1220472	47.297	ng	96
24) Nitrobenzene	7.23	77	879692	45.654	ng	94
25) Isophorone	7.47	82	1638625	46.197	ng	100
26) 2-Nitrophenol	7.55	139	469528	43.717	ng	97
27) 2,4-Dimethylphenol	7.60	122	685168	44.222	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	1030243	45.271	ng	99
29) 2,4-Dichlorophenol	7.79	162	712037	43.503	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	801228	42.365	ng	98
31) Naphthalene	7.95	128	2641345	48.972	ng	99
32) Benzoic acid	7.68	122	96706	8.627	ng	94
33) 4-Chloroaniline	8.00	127	394368	15.840	ng	98
34) Hexachlorobutadiene	8.07	225	418640	39.824	ng	99
35) Caprolactam	8.37	113	33544m	6.153	ng	
36) 4-Chloro-3-methylphenol	8.49	107	680816	41.275	ng	96
37) 2-Methylnaphthalene	8.65	142	1732450	48.159	ng	100
38) 1-Methylnaphthalene	8.74	142	1637282	48.156	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	732561	45.297	ng	99

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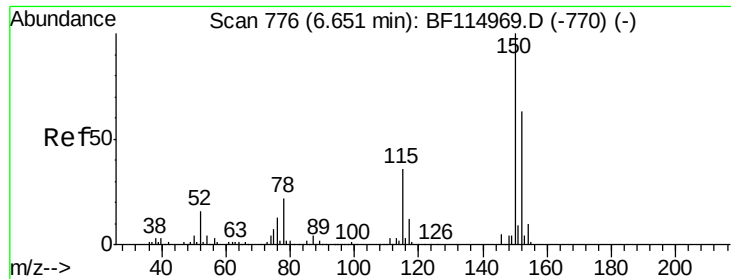
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	618767	77.645	nq	100
43) 2,4,6-Trichlorophenol	8.92	196	522720	43.274	nq	100
44) 2,4,5-Trichlorophenol	8.97	196	544781	44.627	nq	98
46) 1,1'-Biphenyl	9.11	154	1978882	45.112	nq	99
47) 2-Chloronaphthalene	9.13	162	1584628	44.672	nq	99
48) 2-Nitroaniline	9.23	65	470281	44.854	nq	94
49) Acenaphthylene	9.55	152	2436184	44.668	nq	99
50) Dimethylphthalate	9.42	163	1921461	46.674	nq	100
51) 2,6-Dinitrotoluene	9.47	165	448205	47.997	nq #	84
52) Acenaphthene	9.72	154	1450077	46.472	nq	99
53) 3-Nitroaniline	9.63	138	226344	19.783	nq	97
54) 2,4-Dinitrophenol	9.75	184	279790	61.771	nq	96
55) Dibenzofuran	9.89	168	2083426	44.302	nq	100
56) 4-Nitrophenol	9.80	139	232792	29.505	nq	92
57) 2,4-Dinitrotoluene	9.87	165	569018	47.874	nq	99
58) Fluorene	10.23	166	1504016	48.513	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	441747	44.799	nq	100
60) Diethylphthalate	10.11	149	1837256	46.675	nq	100
61) 4-Chlorophenyl-phenylether	10.22	204	737520	47.973	nq	98
62) 4-Nitroaniline	10.25	138	439452	38.201	nq	99
63) Azobenzene	10.38	77	1589694	46.163	nq	97
65) 4,6-Dinitro-2-methylphenol	10.28	198	198334	34.090	nq	89
66) n-Nitrosodiphenylamine	10.34	169	1491532	48.070	nq	99
67) 4-Bromophenyl-phenylether	10.70	248	515896	46.288	nq	95
68) Hexachlorobenzene	10.77	284	553986	45.148	nq	94
69) Atrazine	10.87	200	494929	49.473	nq	99
70) Pentachlorophenol	10.97	266	510548	76.617	nq	100
71) Phenanthrene	11.18	178	2324158	43.366	nq	99
72) Anthracene	11.23	178	2410461	44.582	nq	99
73) Carbazole	11.39	167	2126394	45.058	nq	99
74) Di-n-butylphthalate	11.73	149	2651811	44.572	nq	99
75) Fluoranthene	12.36	202	2251981	41.092	nq	99
77) Benzidine	12.47	184	687031	33.245	nq	97
78) Pyrene	12.58	202	2237426	48.071	nq	100
80) Butylbenzylphthalate	13.21	149	1091895	50.225	nq	97
81) Benzo(a)anthracene	13.76	228	1765205	46.169	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	479225	32.693	nq #	99
83) Chrysene	13.80	228	1802059	47.398	nq	100
84) Bis(2-ethylhexyl)phthalate	13.77	149	1335736	51.986	nq	100
85) Di-n-octyl phthalate	14.38	149	2260398	51.087	nq	100
86) Indeno(1,2,3-cd)pyrene	16.45	276	1577115	47.223	nq	99
88) Benzo(b)fluoranthene	14.77	252	1688927	44.292	nq	99
89) Benzo(k)fluoranthene	14.80	252	1635221	48.856	nq	99
90) Benzo(a)pyrene	15.10	252	1573617	47.825	nq	98
91) Dibenzo(a,h)anthracene	16.47	278	1319304	46.558	nq	99
92) Benzo(g,h,i)perylene	16.84	276	1292722	44.732	nq	99

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



#1

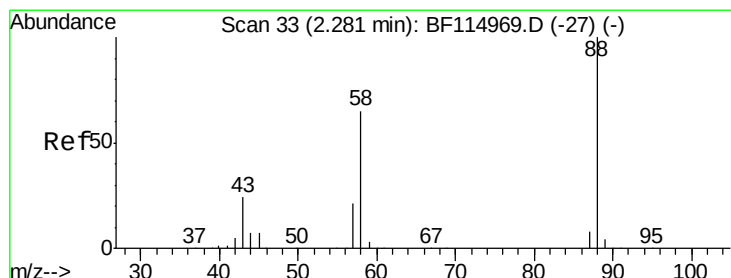
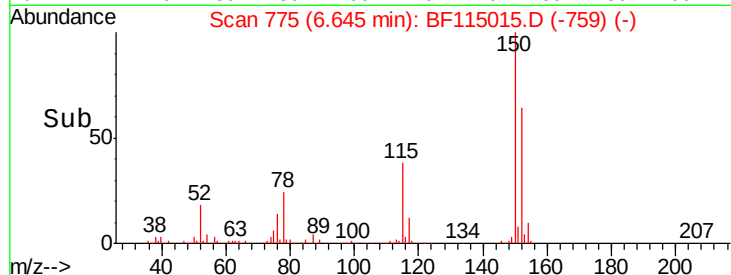
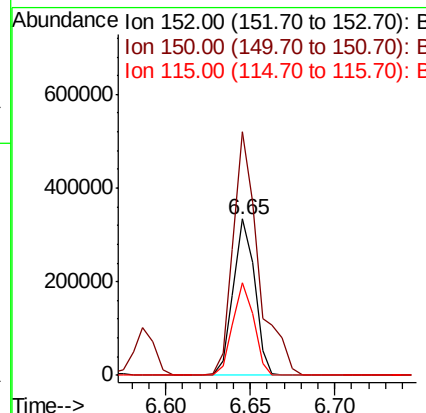
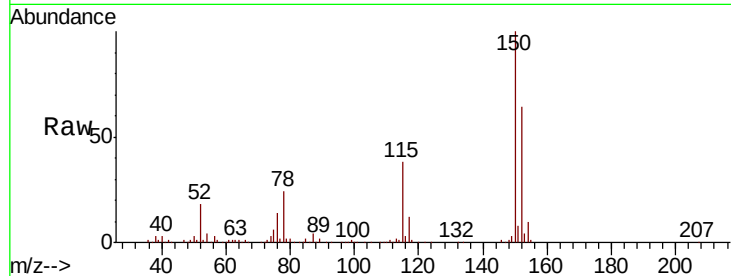
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	59.0	46.0	69.0

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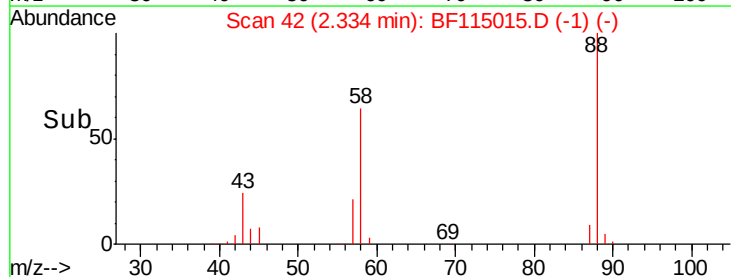
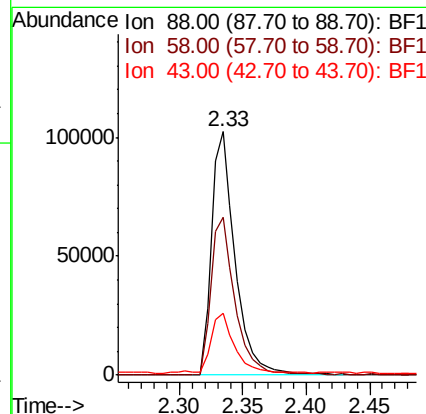
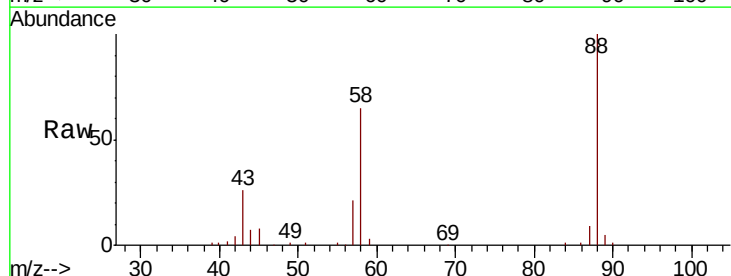
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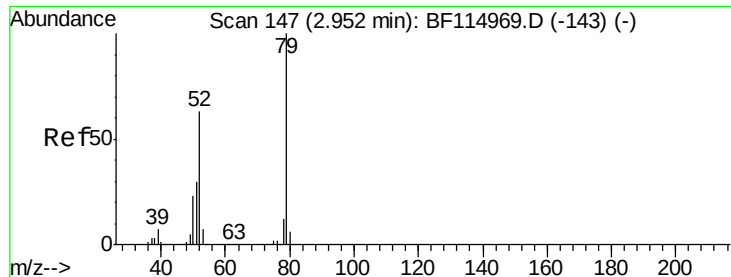


#2

1,4-Dioxane
Concen: 16.134 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.05 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	53.4	80.2
43	24.8	19.7	29.5





#3

Pvridine

Concen: 12.560 ng

RT: 3.02 min Scan# 158

Delta R.T. 0.06 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

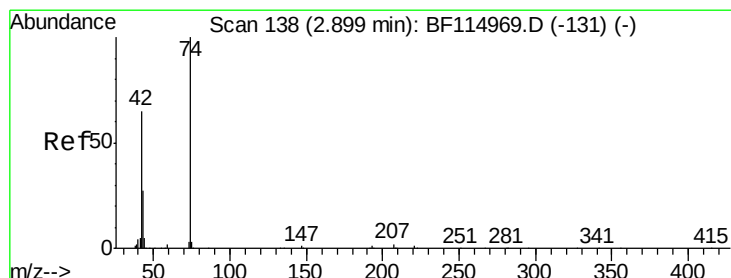
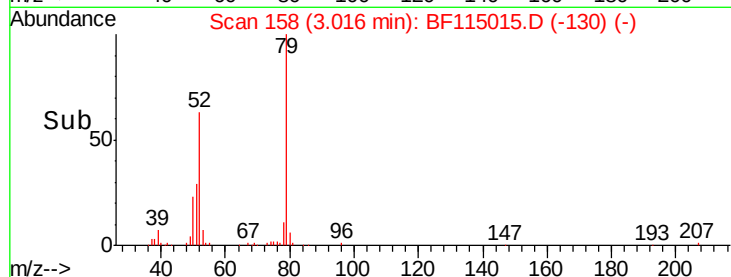
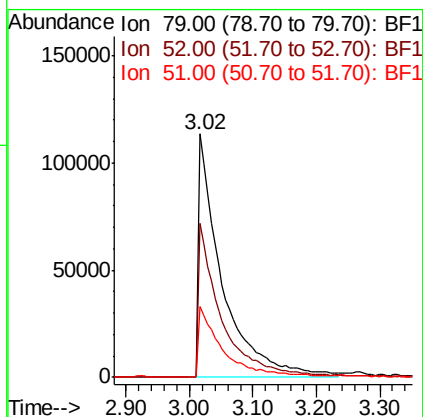
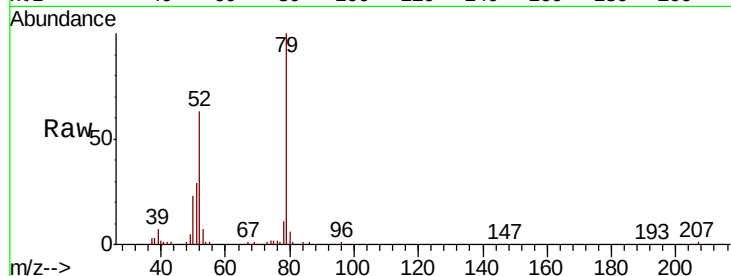
ClientSampleId :

MW-5_061219MS

Tot Ion:	79	Resp:	291841
Ion Ratio	Lower	Upper	
79	100		
52	63.2	50.3	75.5
51	29.1	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 17.106 ng

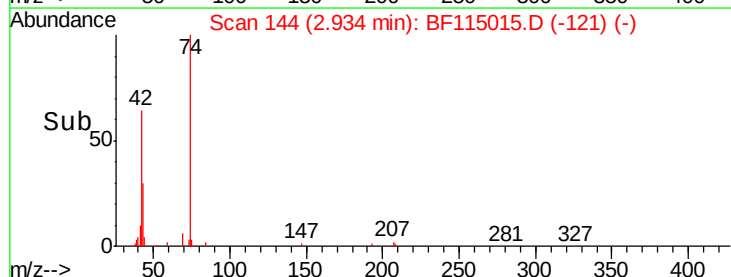
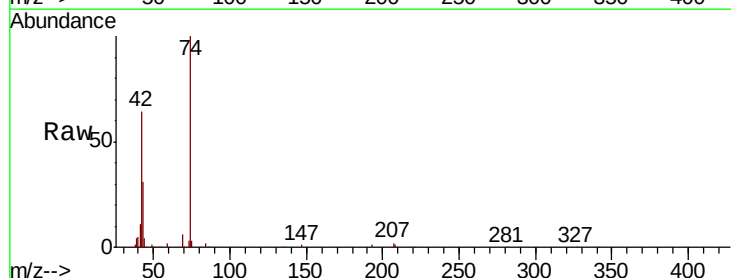
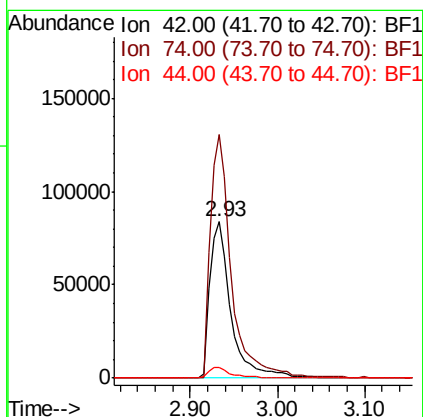
RT: 2.93 min Scan# 144

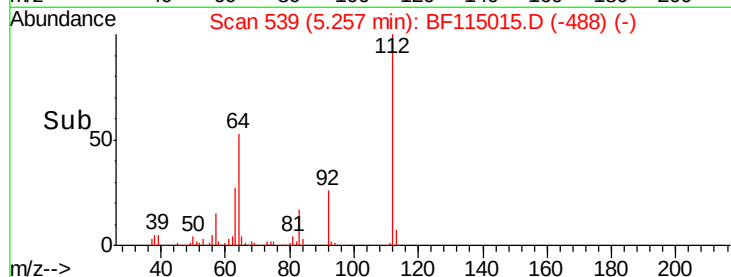
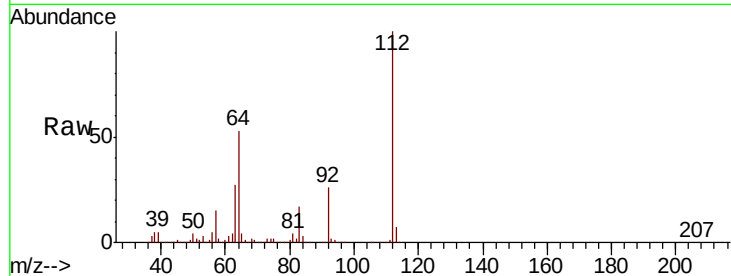
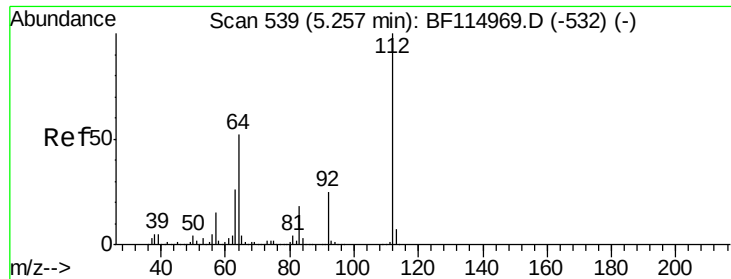
Delta R.T. 0.04 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:	42	Resp:	141112
Ion Ratio	Lower	Upper	
42	100		
74	155.7	122.2	183.2
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 57.029 ng

RT: 5.26 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tot Ion	112	Resp	1005502
Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.6	62.4
63	26.7	20.9	31.3

Instrument :

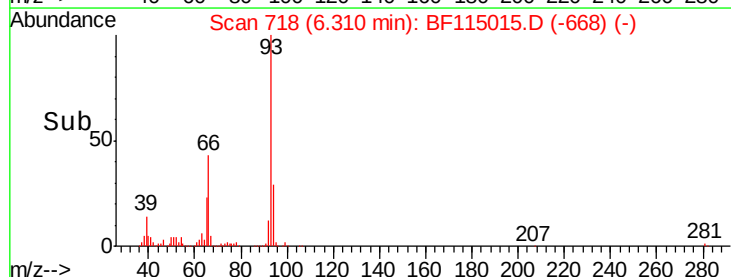
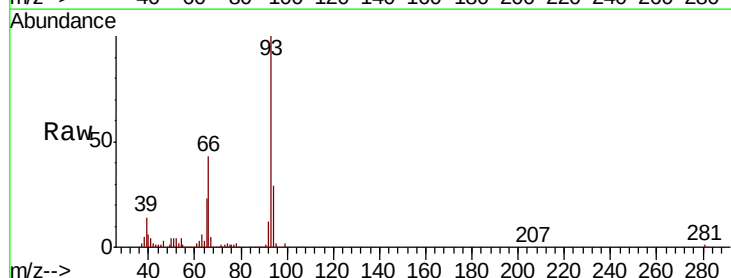
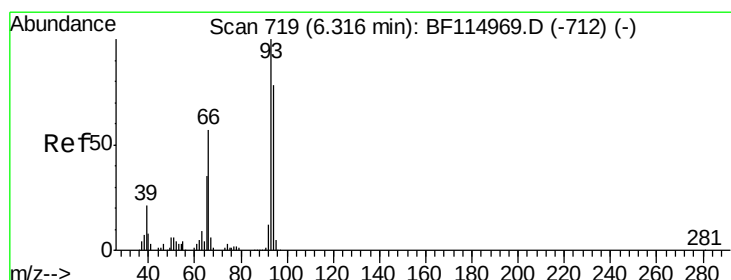
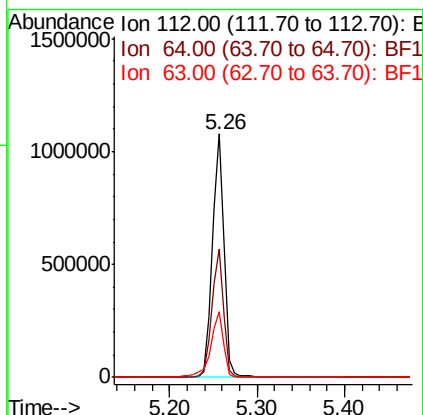
BNA_F

ClientSampleId :

MW-5_061219MS

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#6

Aniline

Concen: 16.353 ng

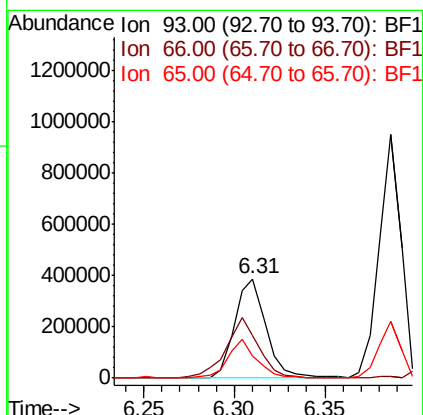
RT: 6.31 min Scan# 718

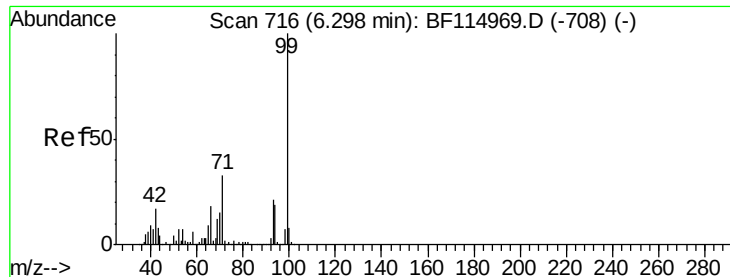
Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion	93	Resp	465792
Ion	Ratio	Lower	Upper
93	100		
66	43.4	46.2	69.2#
65	22.6	27.7	41.5#





#7

Phenol-d6

Concen: 38.461 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

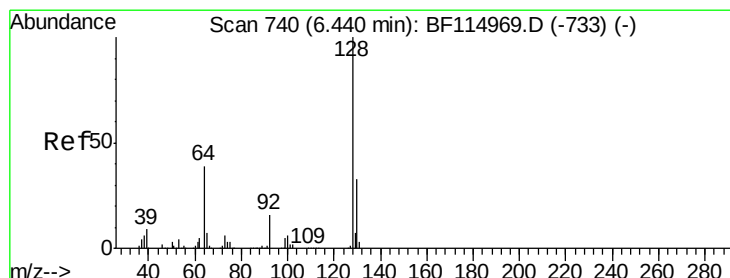
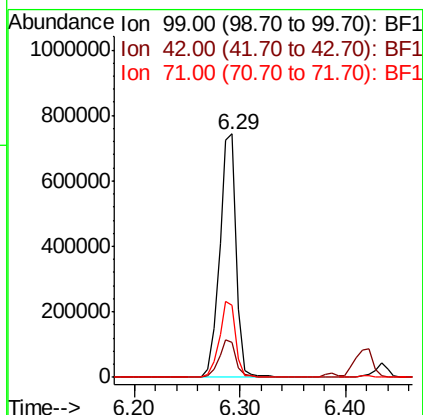
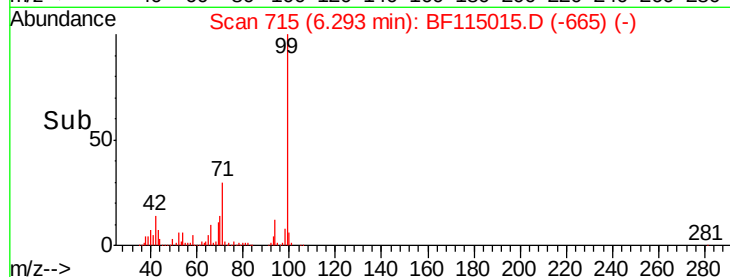
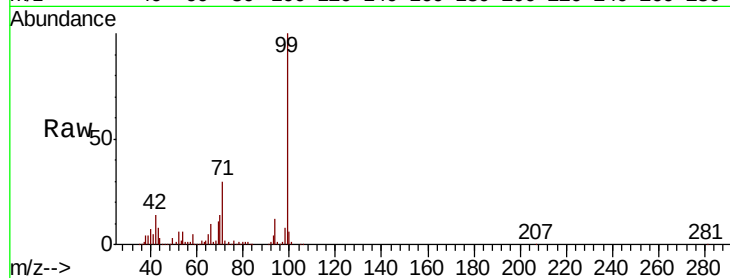
ClientSampleId :

MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	818019		
42	14.4		13.4	20.2
71	29.8		26.4	39.6

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#8

2-Chlorophenol

Concen: 35.581 ng

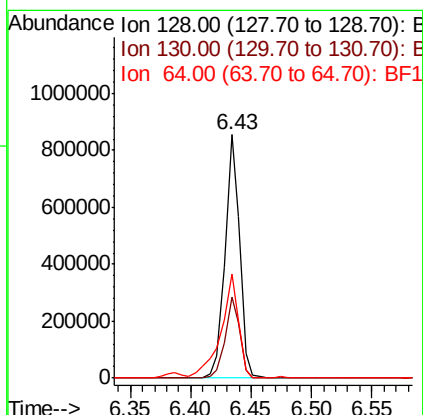
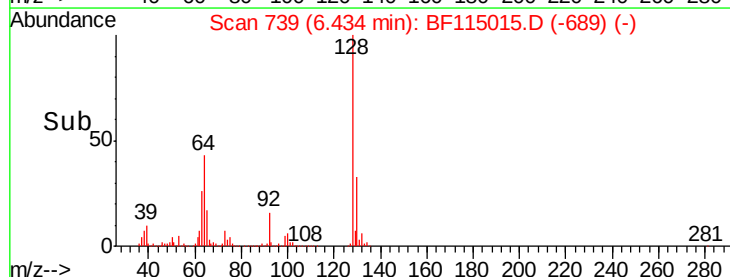
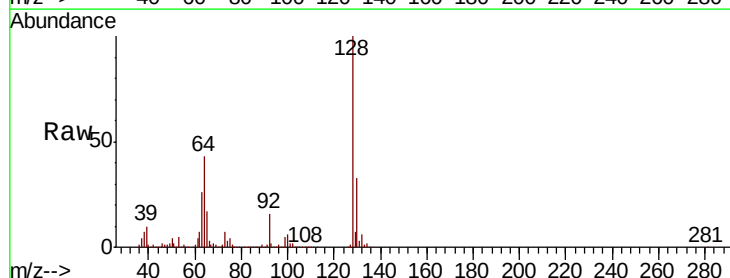
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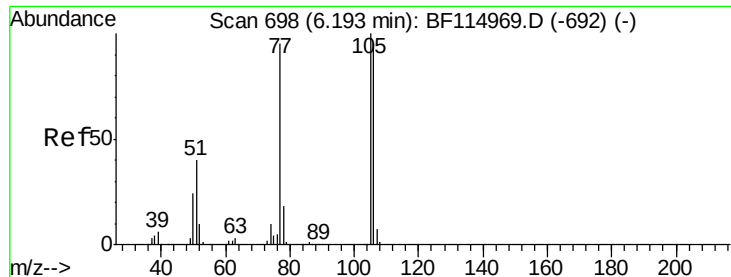
Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	711350		
130	33.2		13.4	53.4
64	42.5		20.1	60.1





#9

Benzaldehyde

Concen: 13.499 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

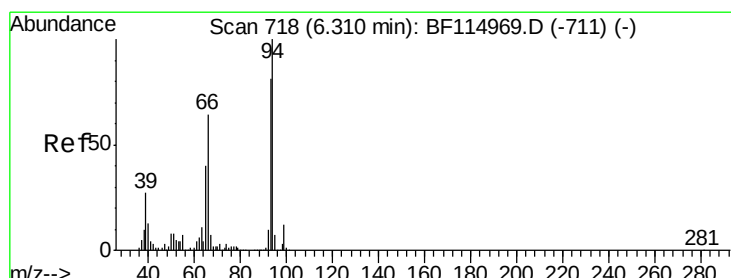
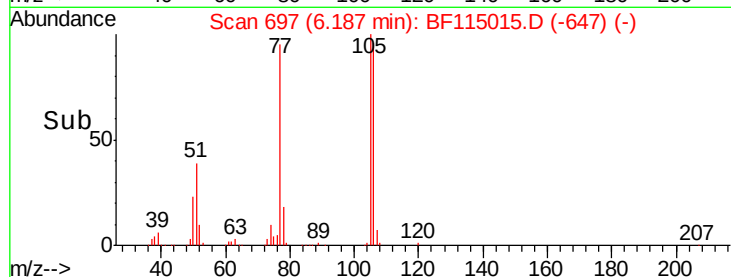
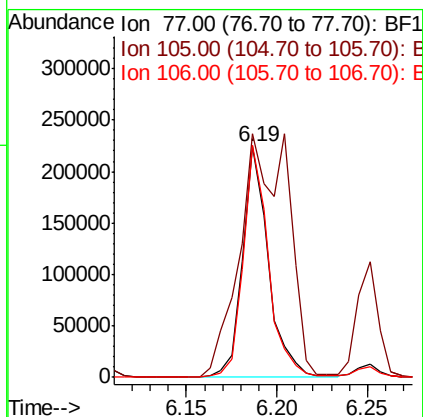
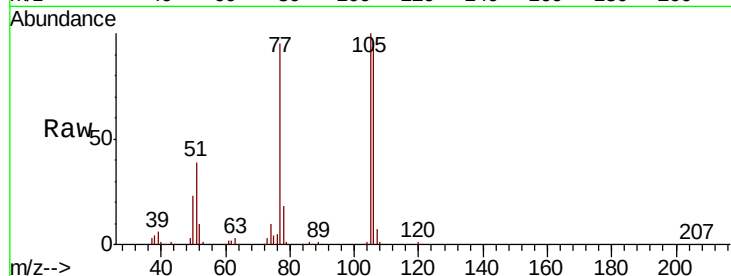
ClientSampleId :

MW-5_061219MS

Tot Ion:	77	Resp:	222341
Ion	Ratio	Lower	Upper
77	100		
105	105.7	85.1	125.1
106	101.0	80.0	120.0

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#10

Phenol

Concen: 14.108 ng

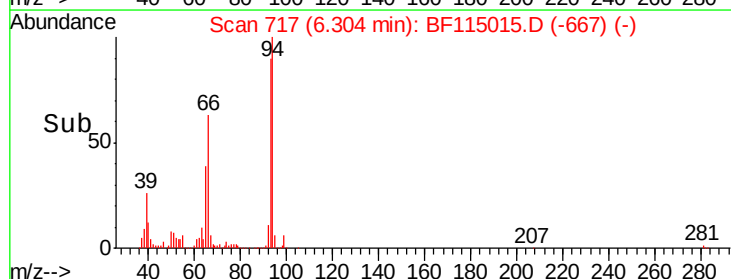
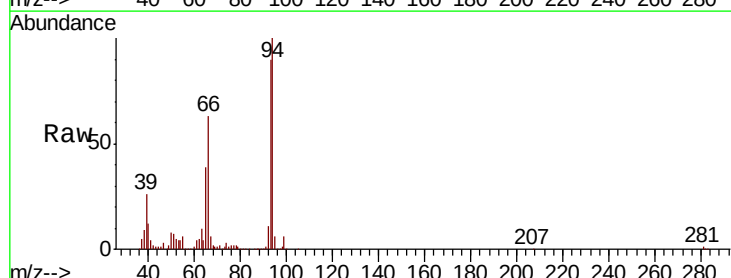
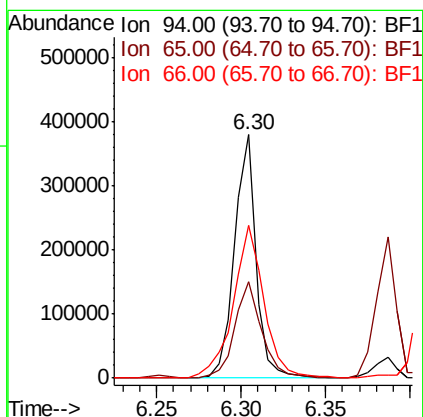
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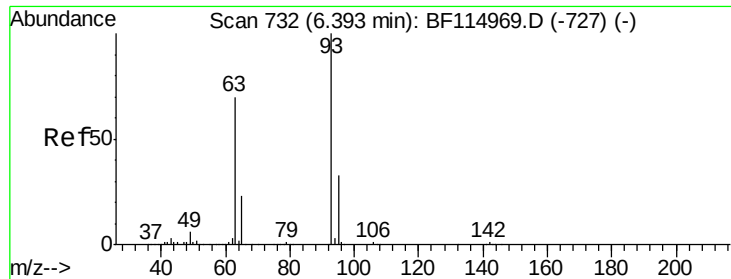
Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:	94	Resp:	335699
Ion	Ratio	Lower	Upper
94	100		
65	39.4	20.0	60.0
66	62.7	44.1	84.1





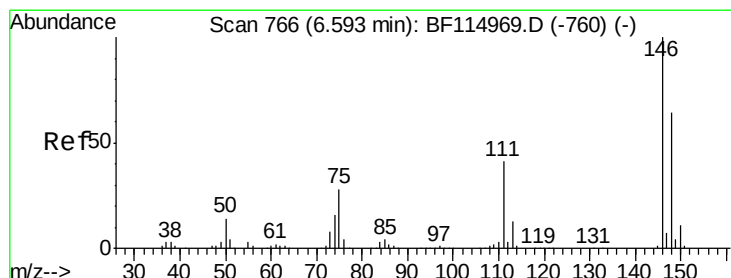
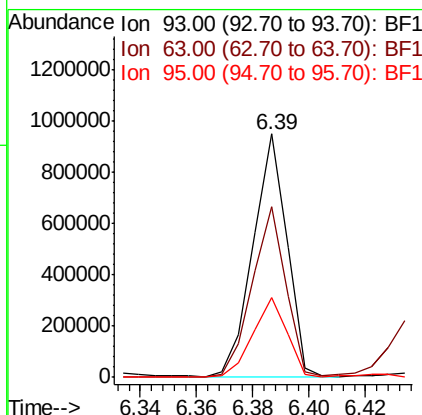
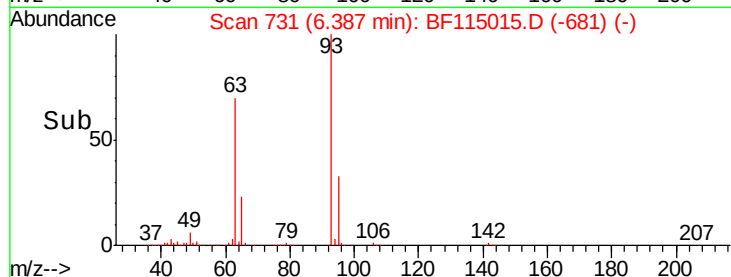
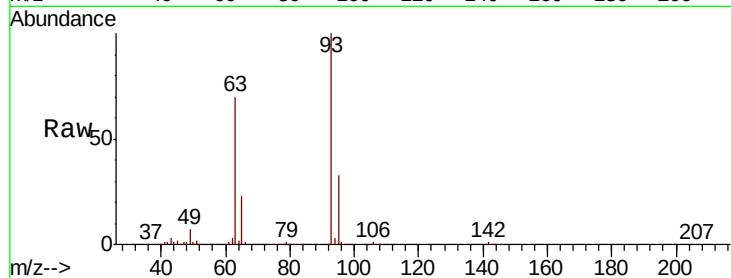
#11
bis(2-Chloroethyl)ether
Concen: 42.576 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		786349		
63	70.2	49.8	89.8		
95	32.9	13.3	53.3		

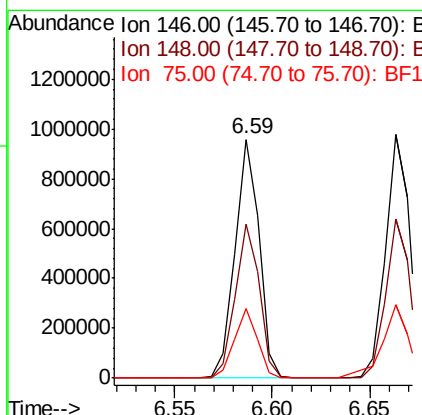
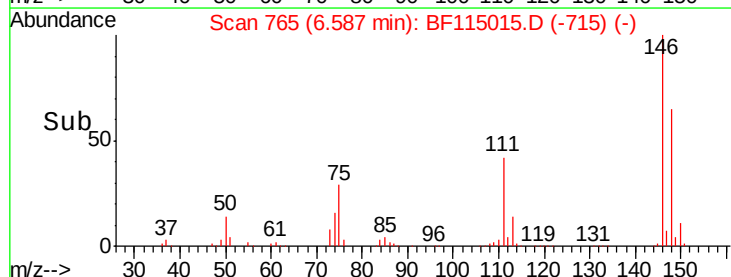
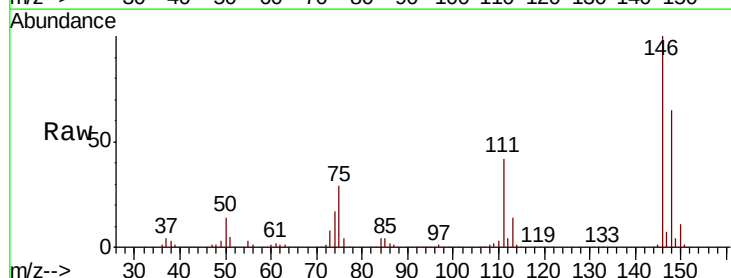
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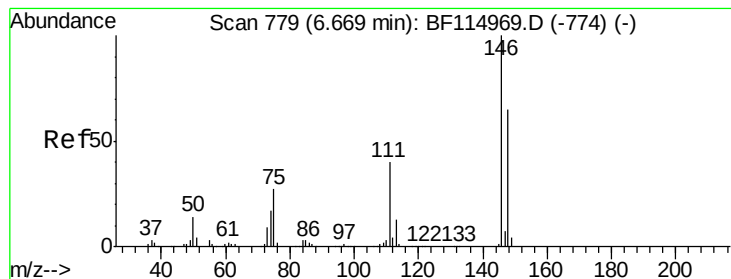
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.195 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		821856		
148	64.7	51.6	77.4		
75	29.1	22.3	33.5		





#13

1,4-Dichlorobenzene

Concen: 35.807 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

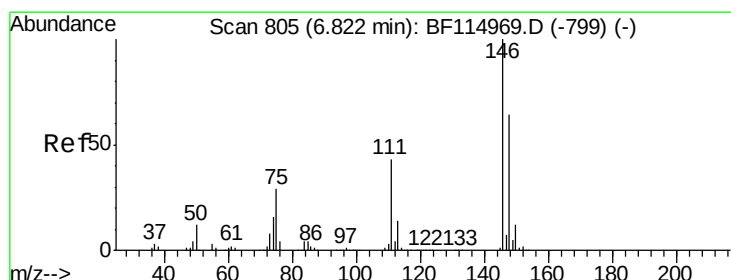
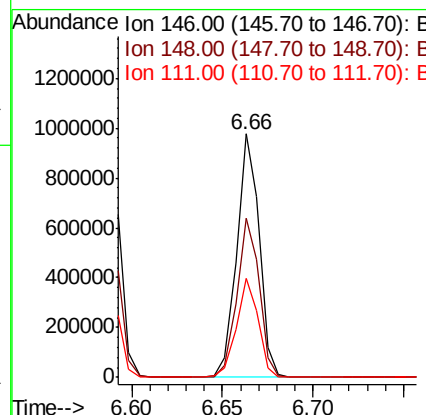
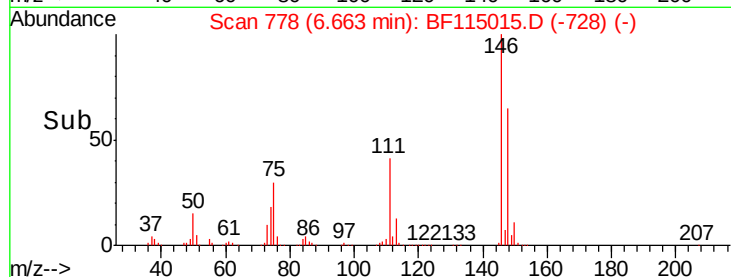
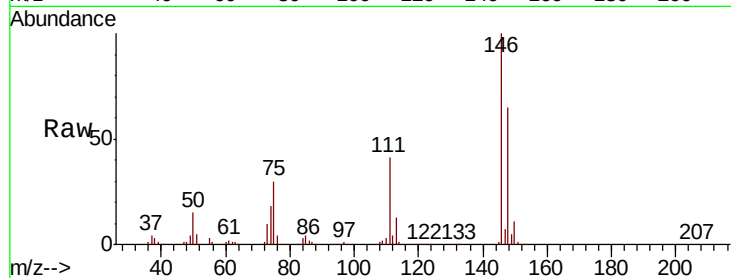
ClientSampleId :

MW-5_061219MS

Tot Ion:	146	Resp:	840642
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.2
111	40.7	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 35.558 ng

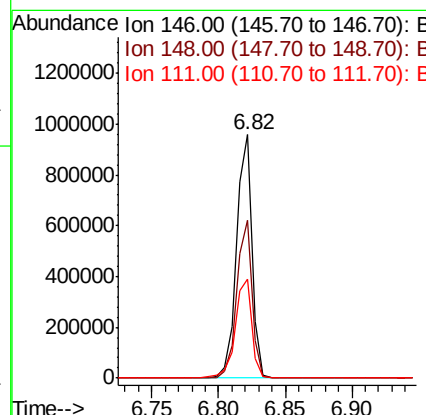
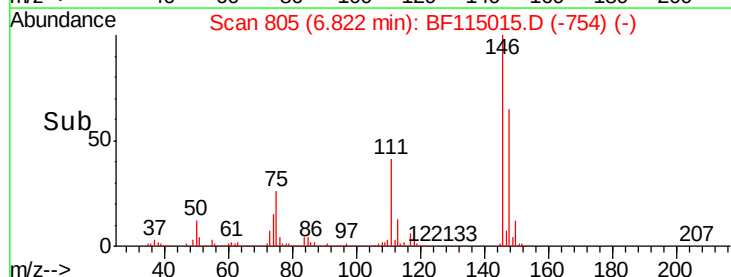
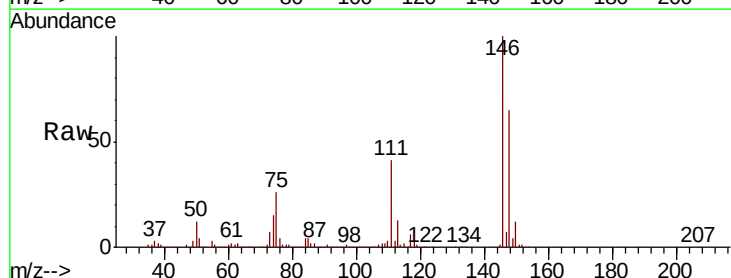
RT: 6.82 min Scan# 805

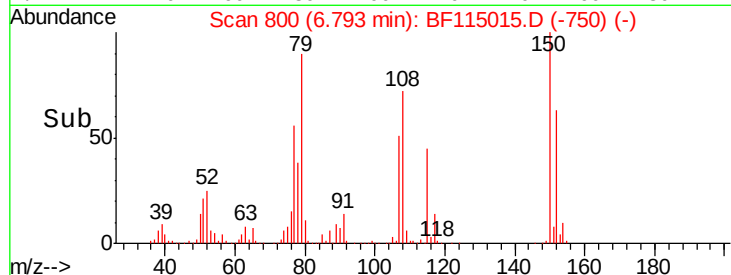
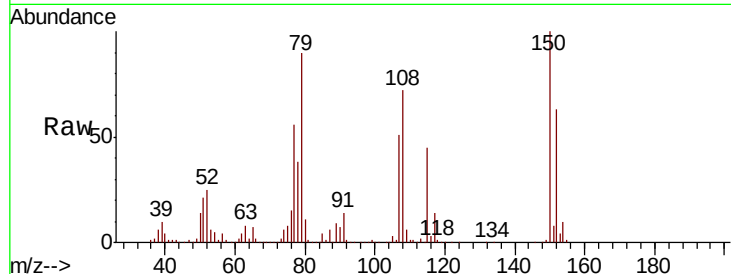
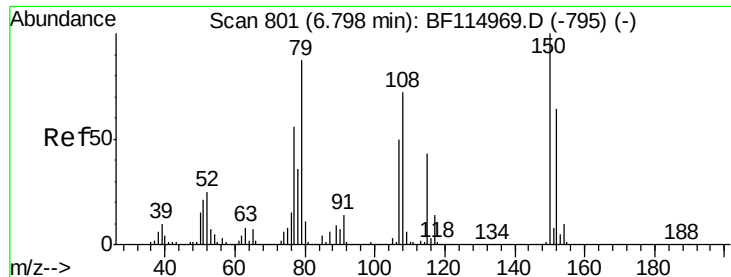
Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:	146	Resp:	785920
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.5	77.3
111	40.9	34.6	51.8





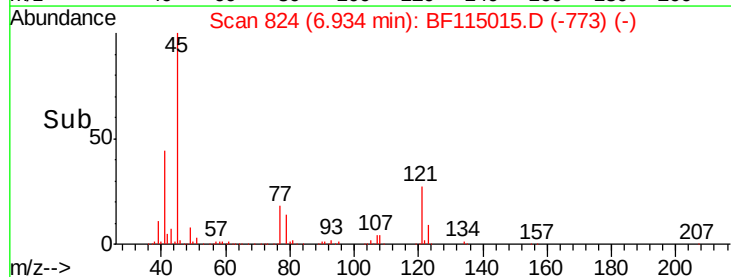
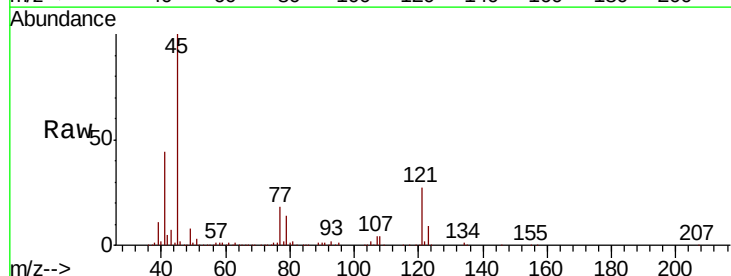
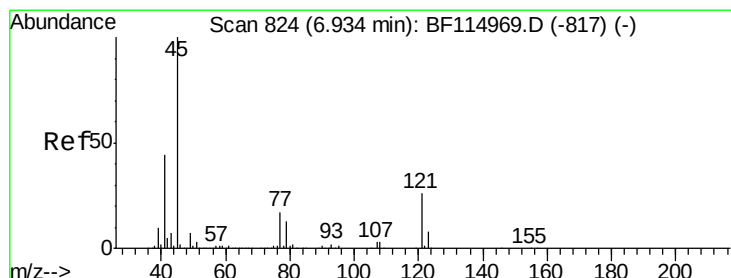
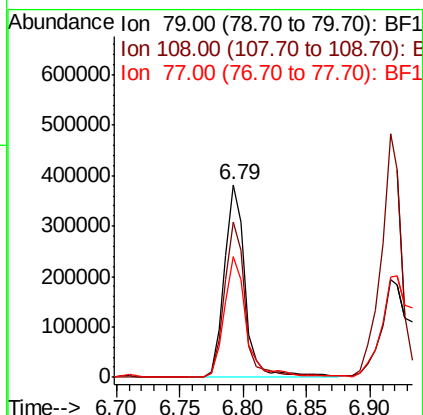
#15
Benzyl Alcohol
Concen: 27.335 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	66.0	99.0
77	62.8	51.1	76.7

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

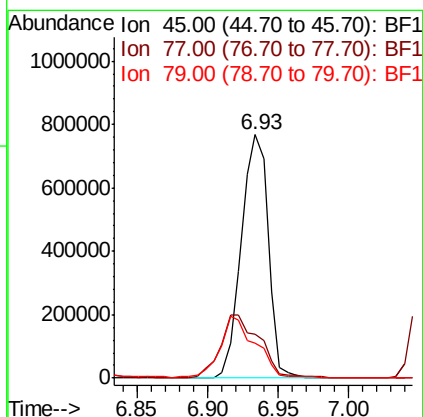
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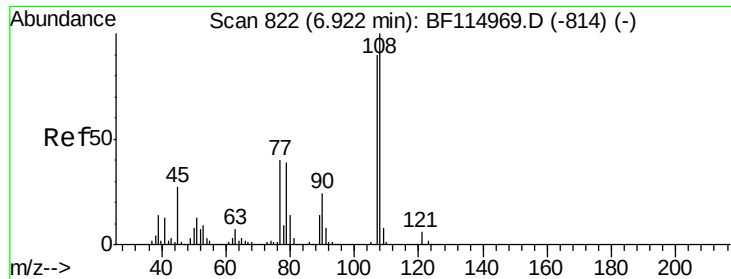
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.567 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.8	0.0	37.0
79	14.3	0.0	33.1





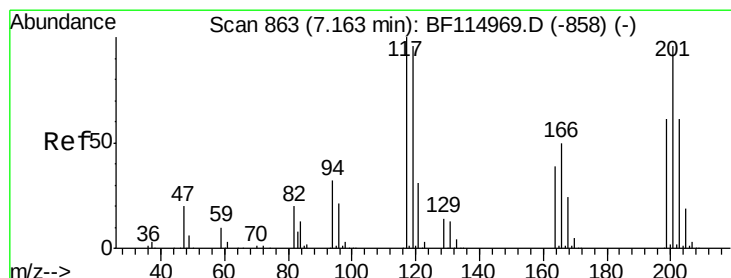
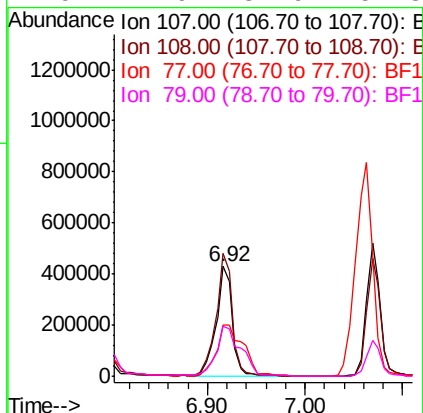
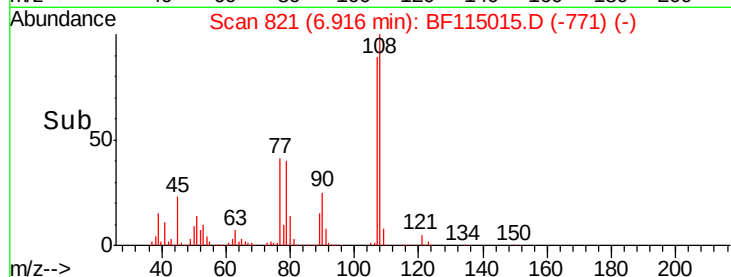
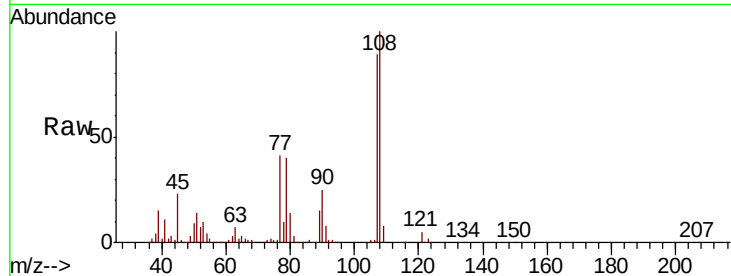
#17
2-Methylphenol
Concen: 29.773 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	89.3	133.9	
77	46.5	35.4	53.2	
79	44.9	34.9	52.3	

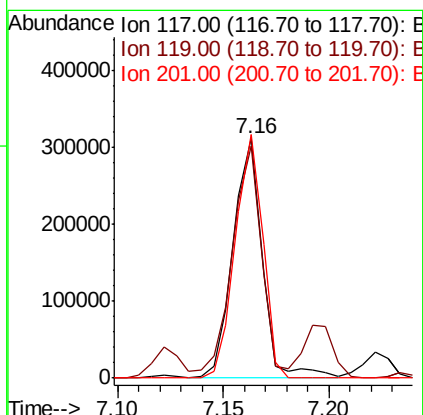
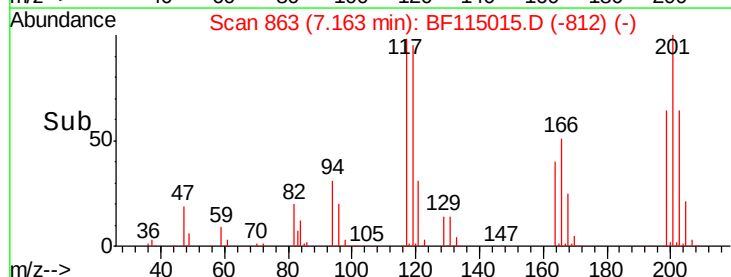
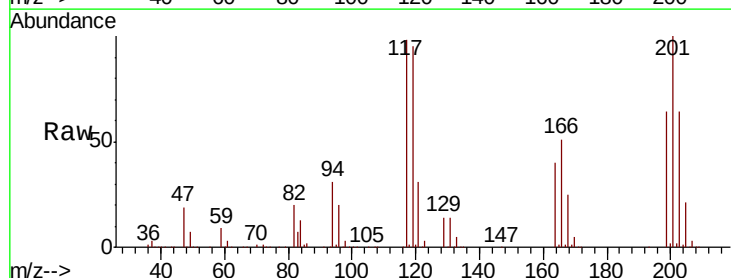
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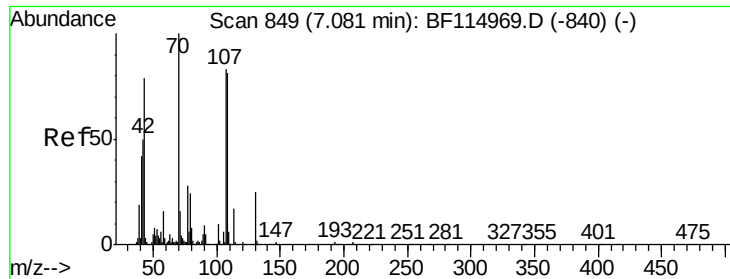
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#18
Hexachloroethane
Concen: 34.900 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.0	115.4	
201	101.6	76.6	115.0	





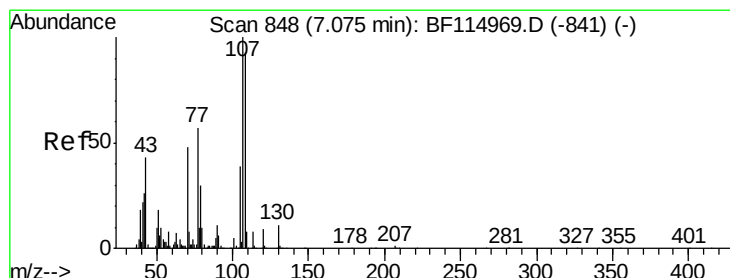
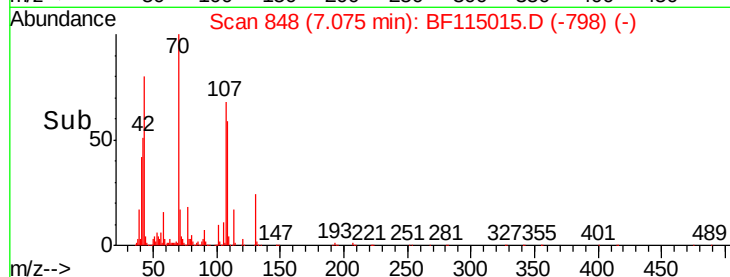
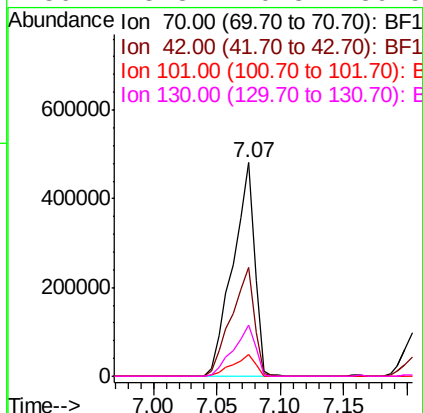
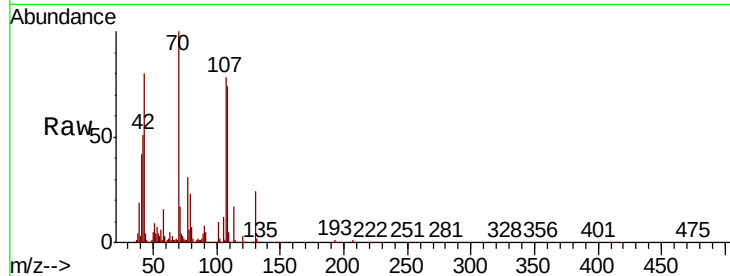
#19
n-Nitroso-di-n-propylamine
Concen: 44.346 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	40.3	60.5	
101	10.1	8.2	12.4	
130	23.8	20.3	30.5	

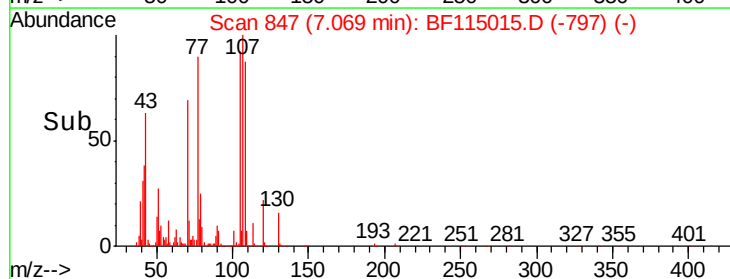
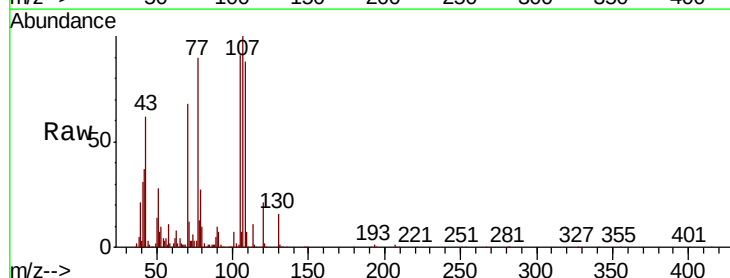
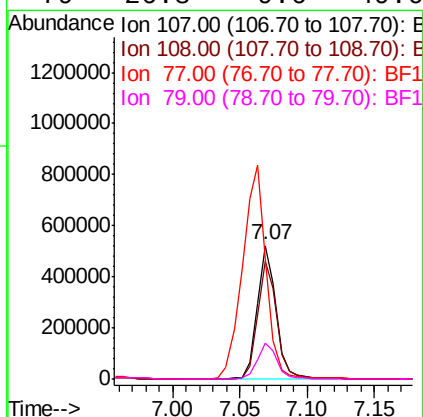
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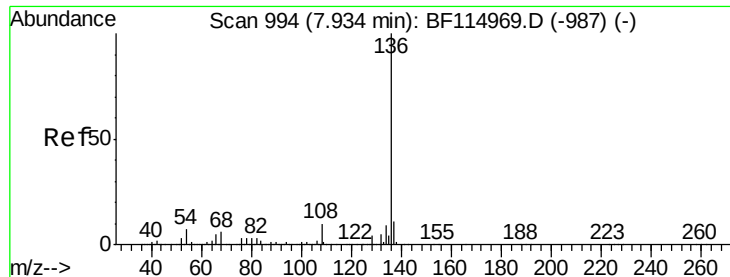
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#20
3+4-Methylphenols
Concen: 25.836 ng m
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	73.1	113.1	
77	90.4	37.3	77.3#	
79	26.8	9.6	49.6	





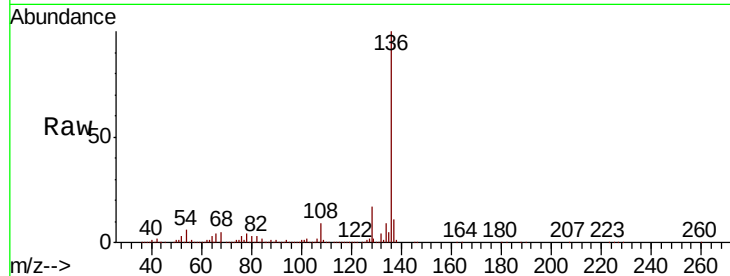
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	136	Resp	1139938
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.0	5.4	8.0
68	5.3	4.6	7.0

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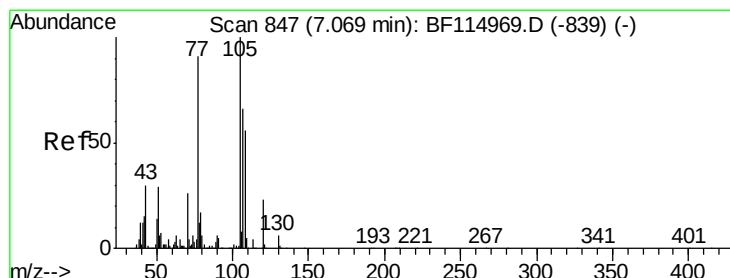
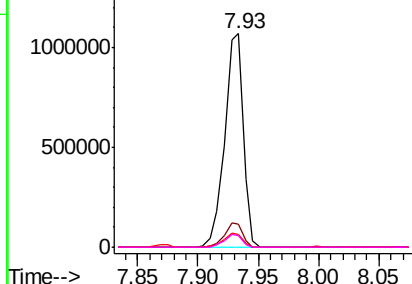
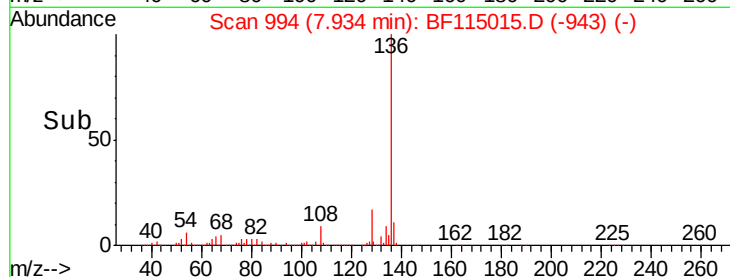
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

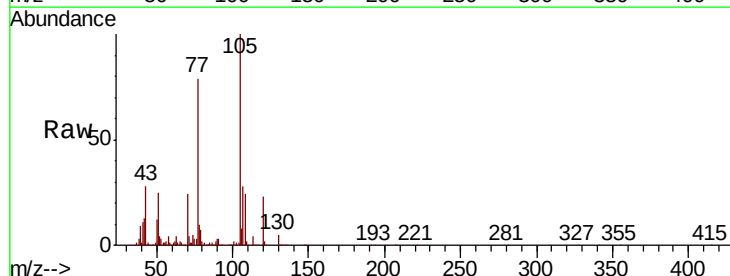
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 47.297 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	105	Resp	1220472
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.4	5.2
51	25.4	23.3	34.9
120	22.9	18.8	28.2



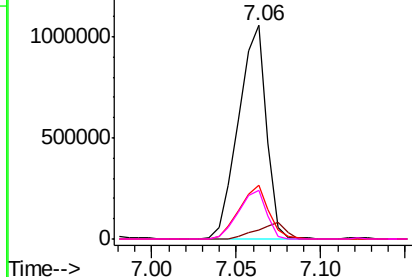
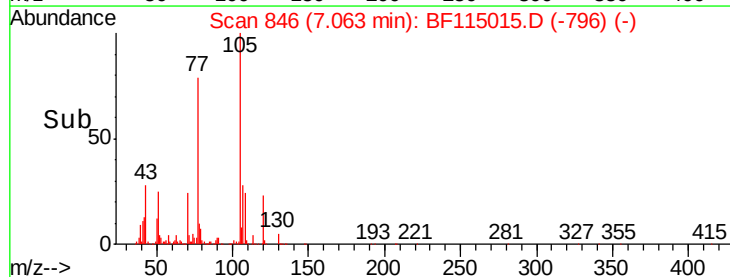
Abundance

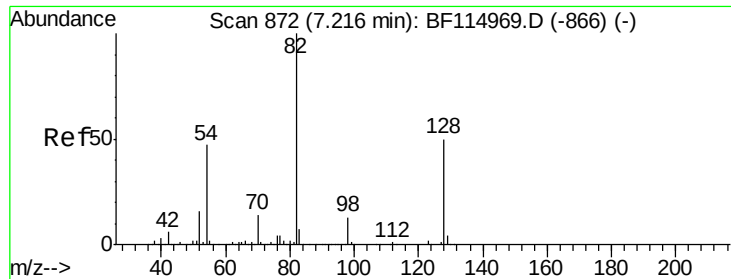
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





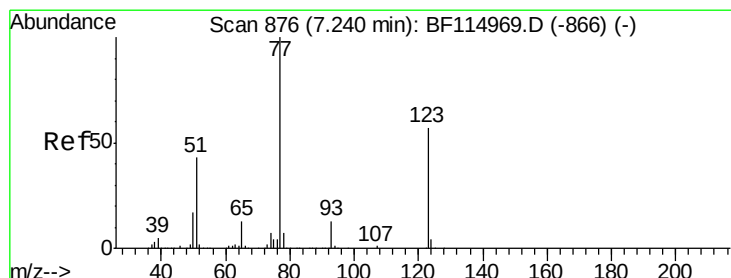
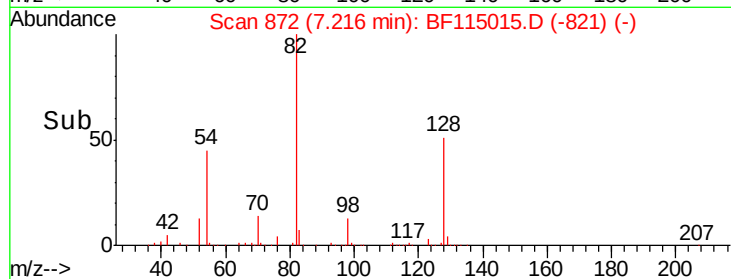
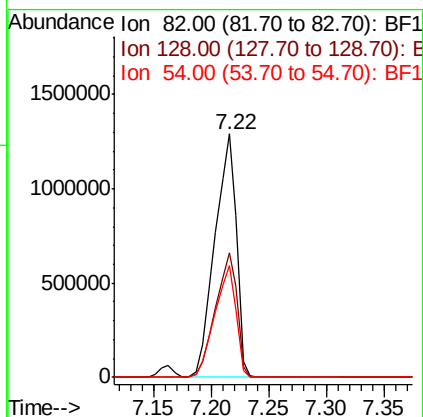
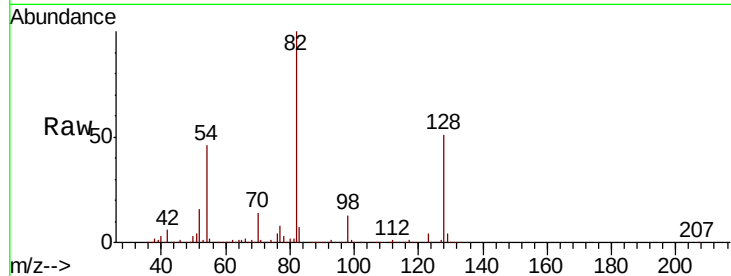
#23
Nitrobenzene-d5
Concen: 88.272 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.3	39.9	59.9
54	46.1	37.3	55.9

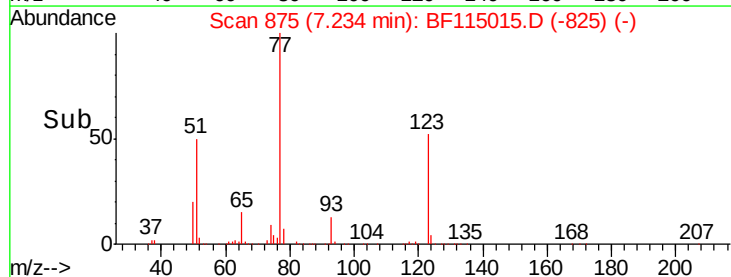
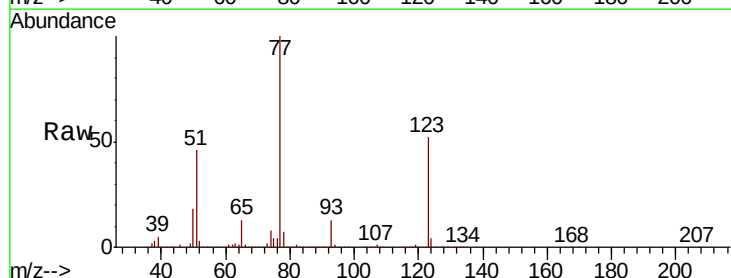
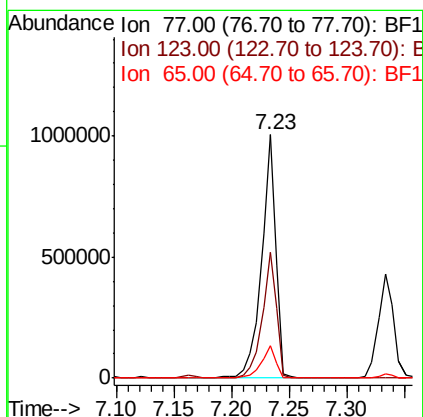
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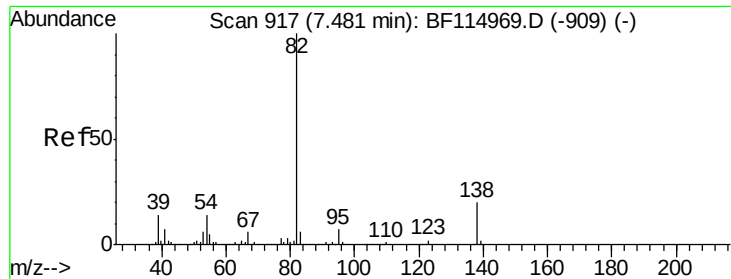
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#24
Nitrobenzene
Concen: 45.654 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.8	45.5	68.3
65	13.1	10.3	15.5





#25

Isophorone

Concen: 46.197 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MS

Tot Ion: 82 Resp: 1638625

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

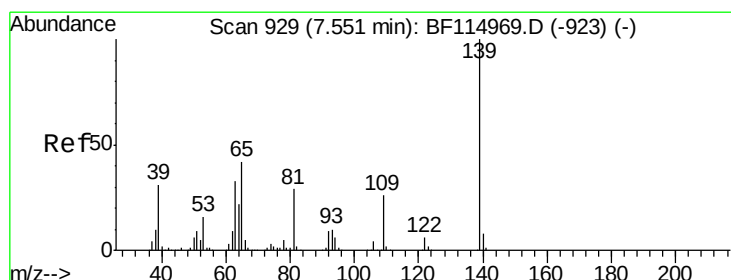
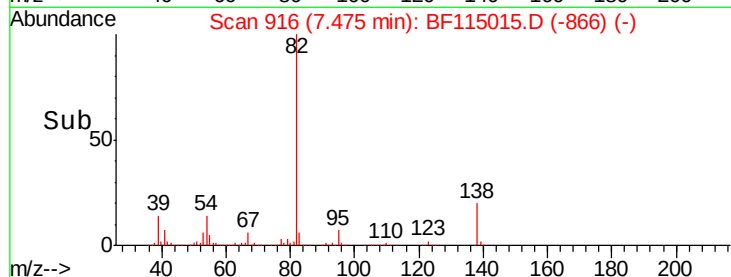
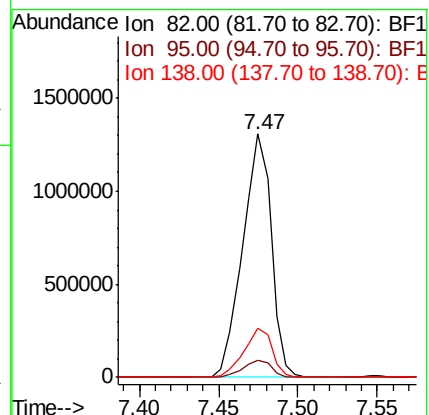
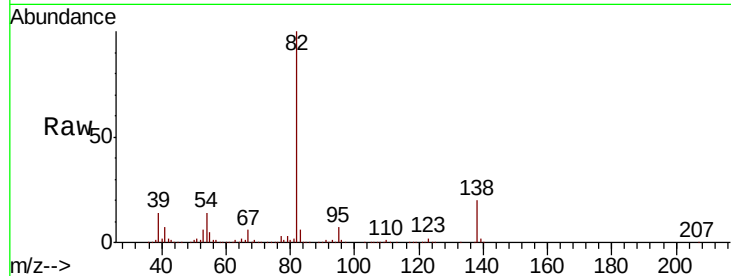
138 20.2 16.1 24.1

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#26

2-Nitrophenol

Concen: 43.717 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

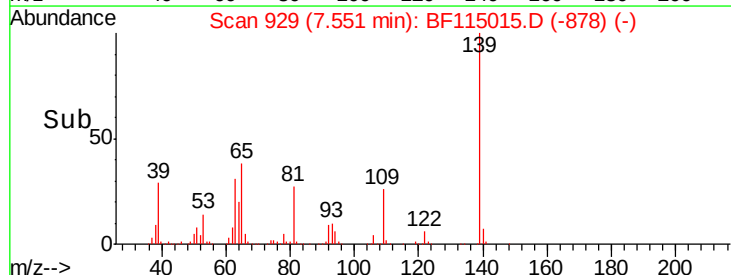
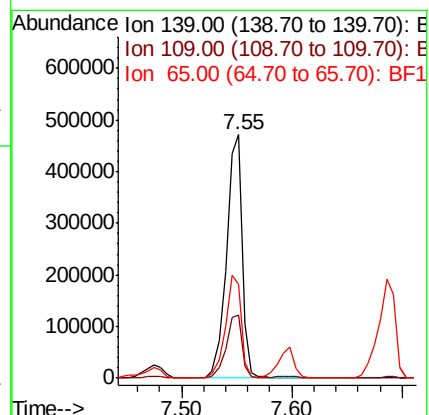
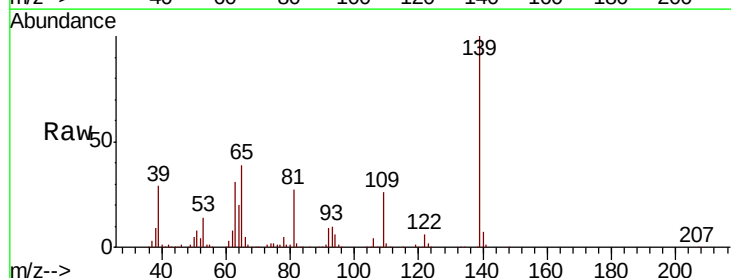
Tgt Ion: 139 Resp: 469528

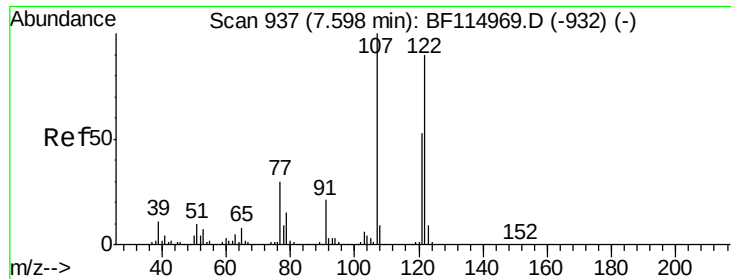
Ion Ratio Lower Upper

139 100

109 25.9 20.8 31.2

65 38.6 33.4 50.2





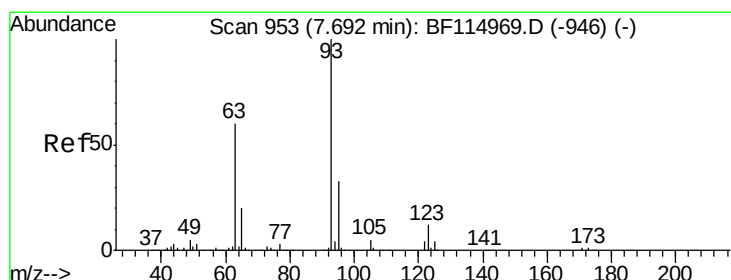
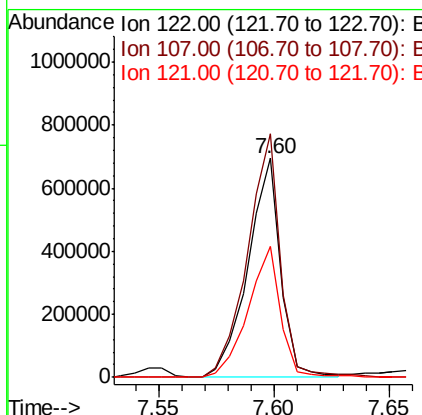
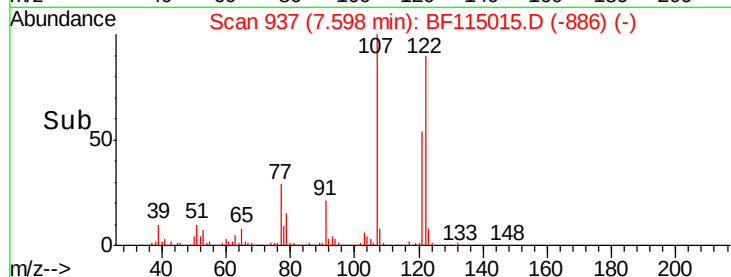
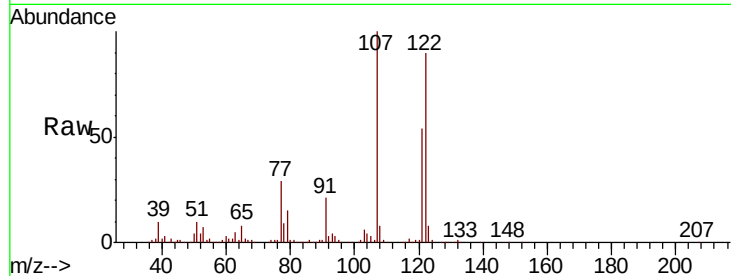
#27
 2,4-Dimethylphenol
 Concen: 44.222 ng
 RT: 7.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	88.8	133.2
121	59.9	47.4	71.0

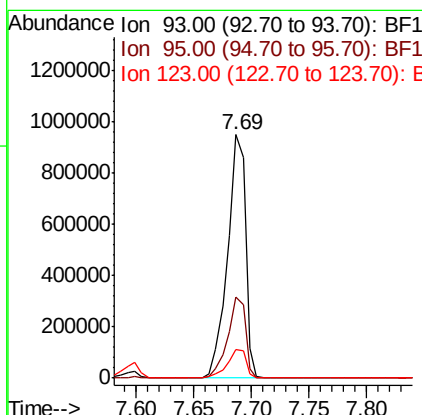
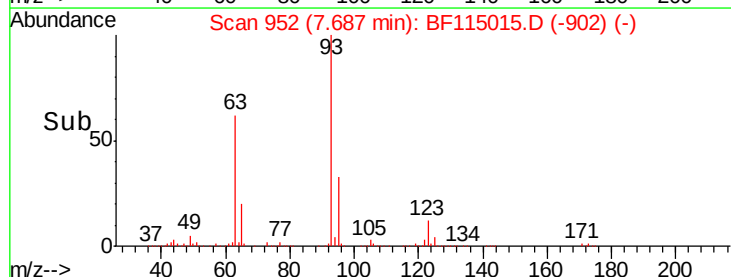
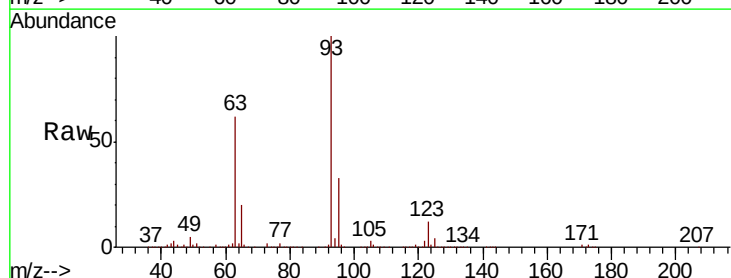
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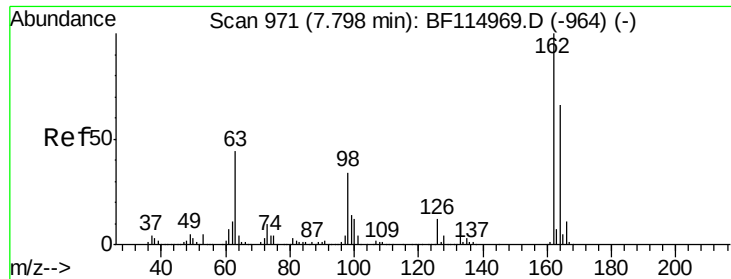
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.271 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	11.7	9.9	14.9





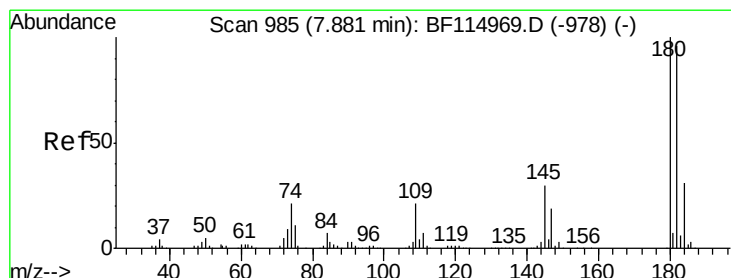
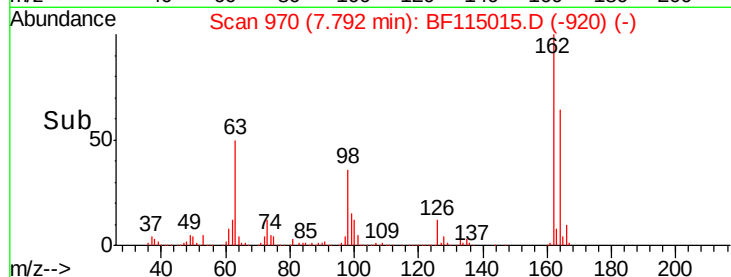
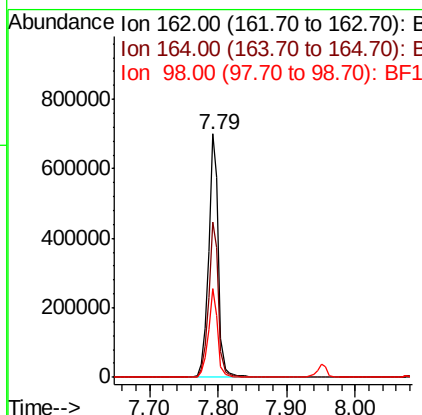
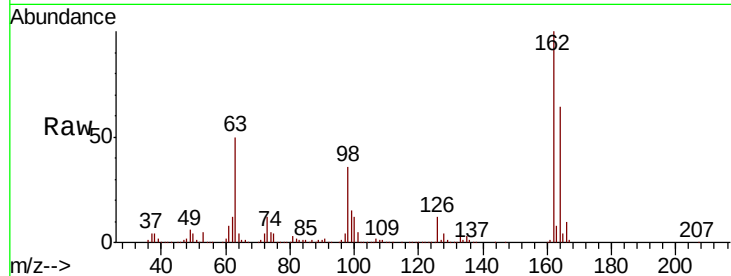
#29
2,4-Dichlorophenol
Concen: 43.503 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.7	85.7
98	36.5	14.0	54.0

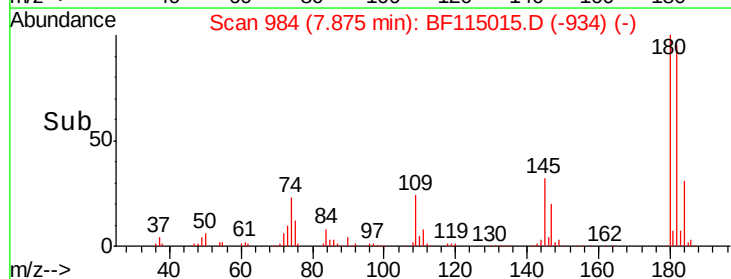
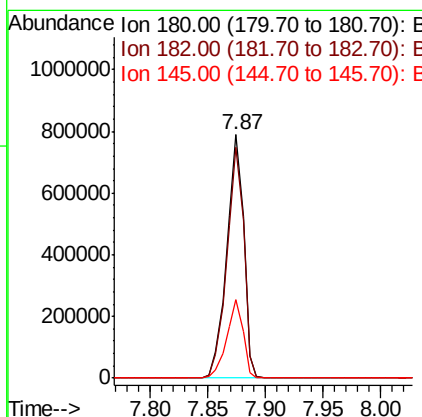
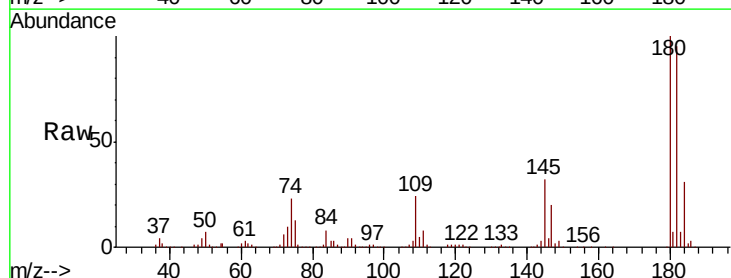
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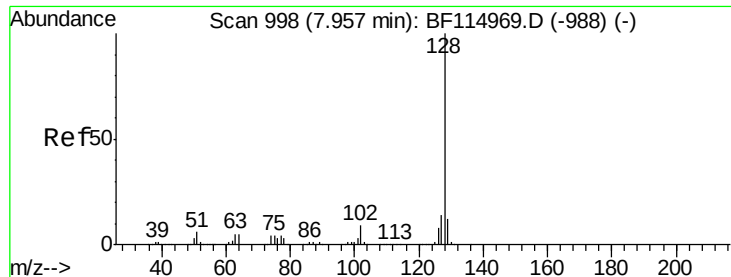
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#30
1,2,4-Trichlorobenzene
Concen: 42.365 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.7	115.1
145	32.0	24.1	36.1





#31

Naphthalene

Concen: 48.972 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

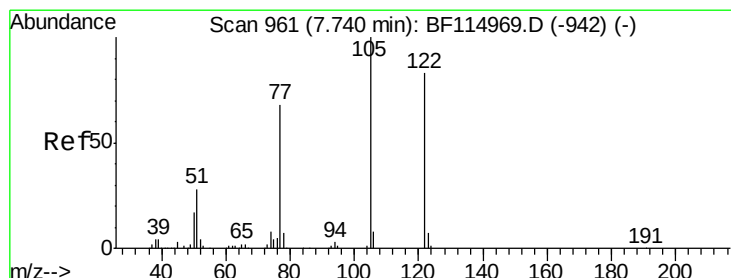
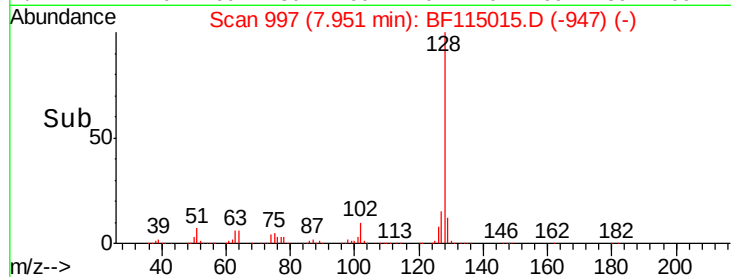
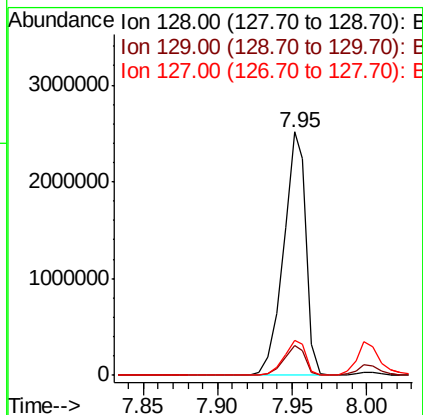
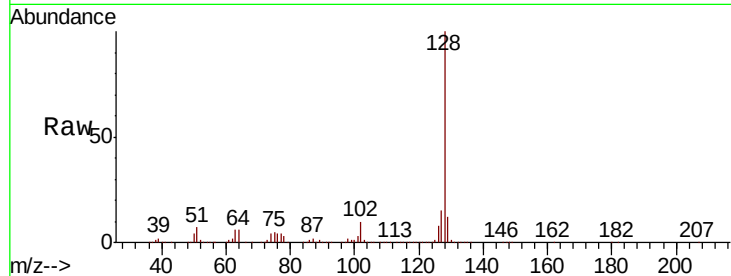
ClientSampleId :

MW-5_061219MS

Tot Ion:128	Resp: 2641345
Ion Ratio	Lower Upper
128 100	
129 12.4	9.5 14.3
127 14.5	11.5 17.3

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#32

Benzoic acid

Concen: 8.627 ng

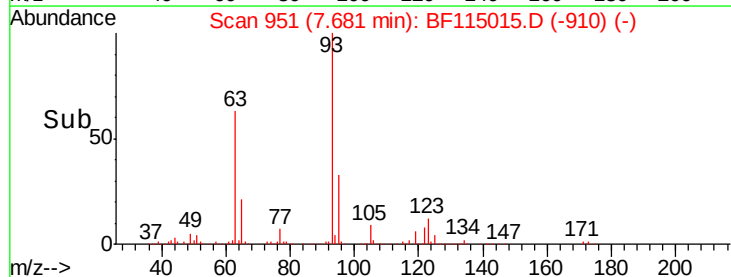
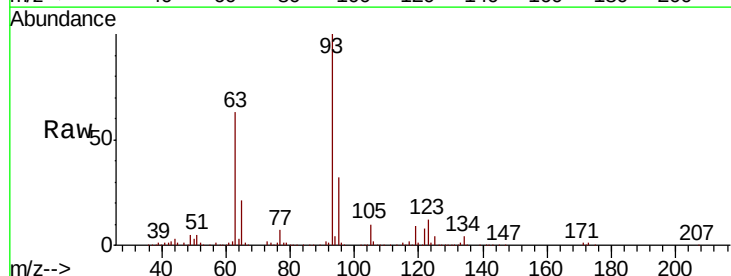
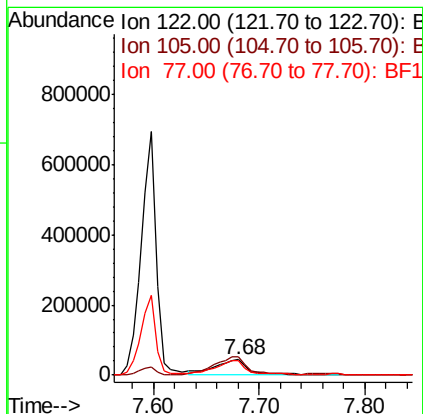
RT: 7.68 min Scan# 951

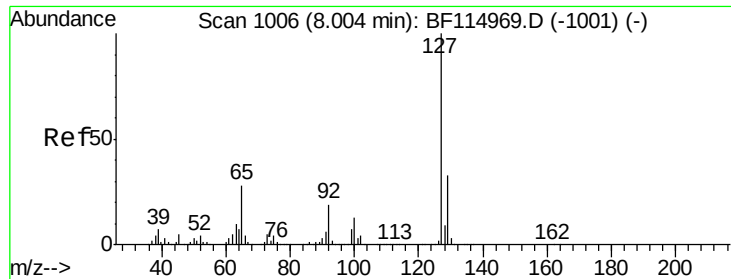
Delta R.T. -0.06 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt	Ion:122	Resp:	96706
Ion	Ratio	Lower	Upper
122	100		
105	120.1	98.6	138.6
77	92.9	60.9	100.9





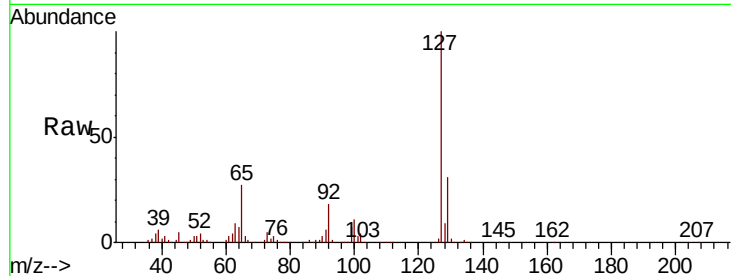
#33
4-Chloroaniline
Concen: 15.840 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

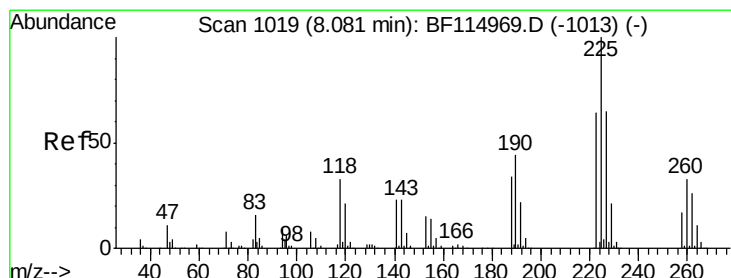
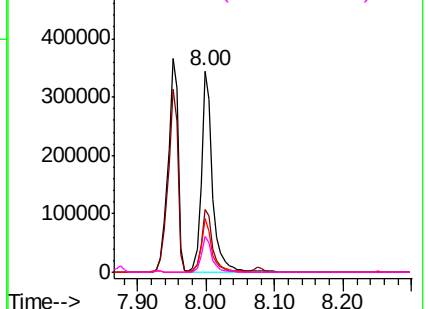
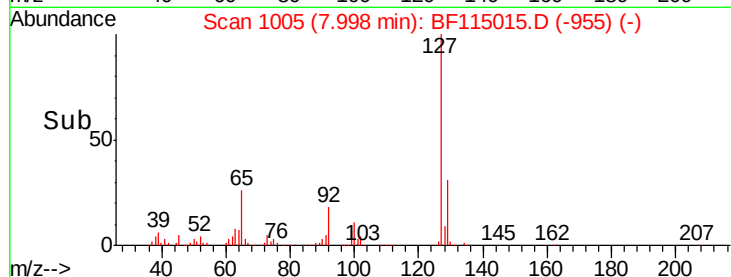
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		394368		
129	31.3	26.1	39.1		
65	26.6	22.3	33.5		
92	18.0	15.3	22.9		

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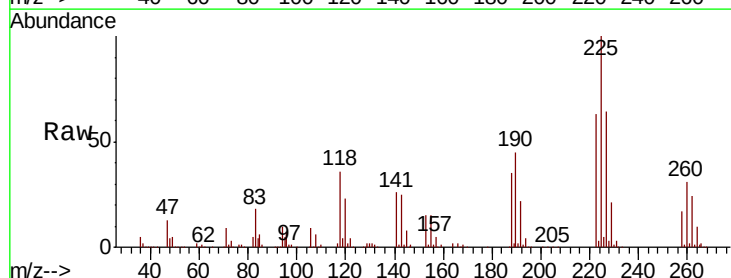


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

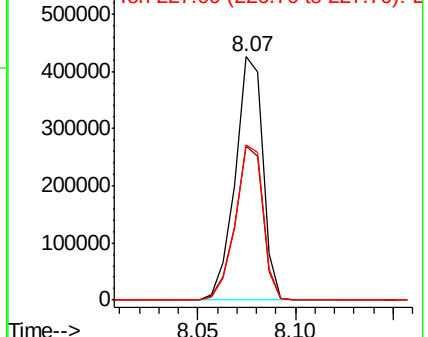
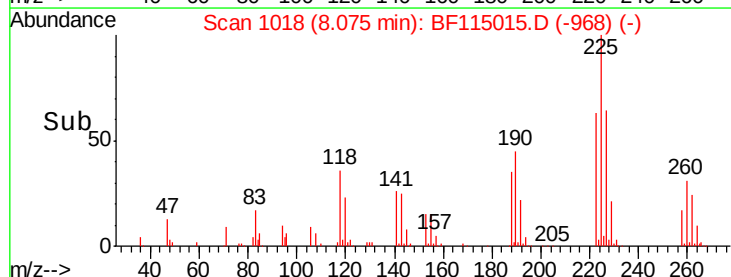


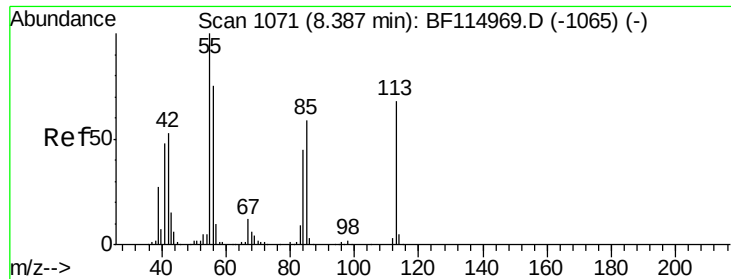
#34
Hexachlorobutadiene
Concen: 39.824 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		418640		
223	63.4	51.0	76.6		
227	63.6	51.7	77.5		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





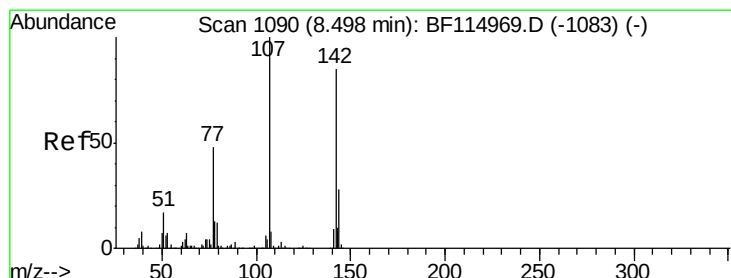
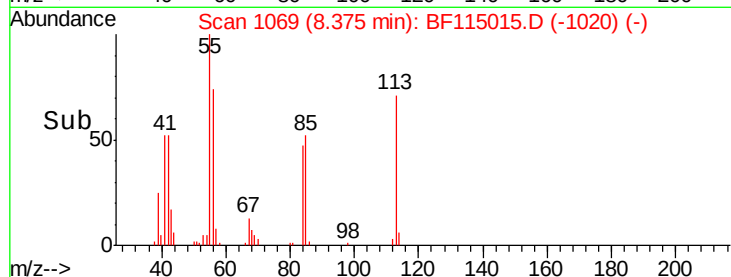
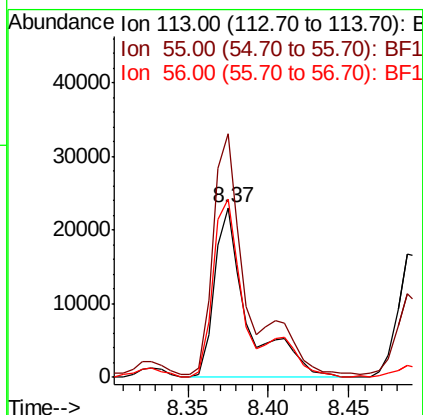
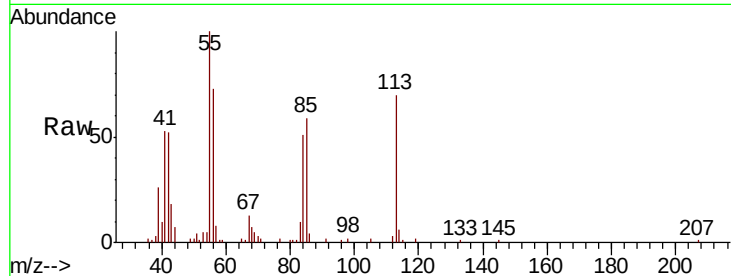
#35
 Caprolactam
 Concen: 6.153 ng/ml
 RT: 8.37 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	143.2	127.3	167.3	
56	104.6	90.6	130.6	

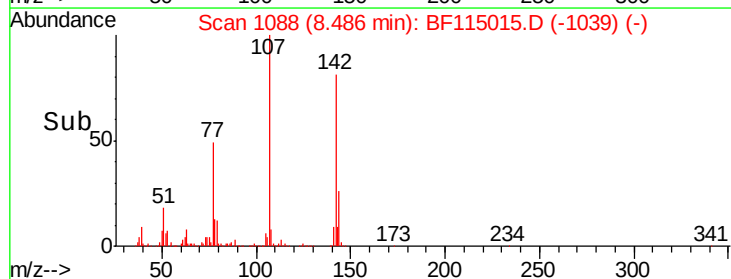
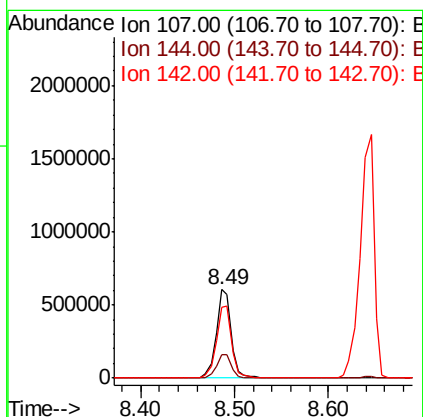
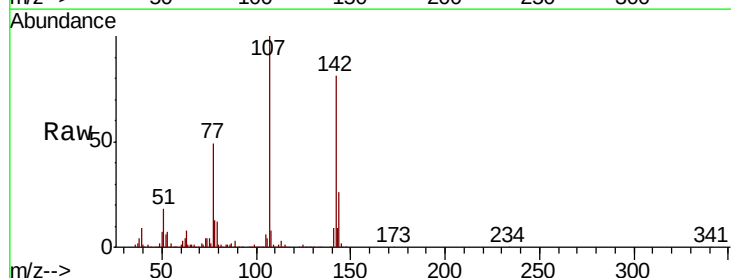
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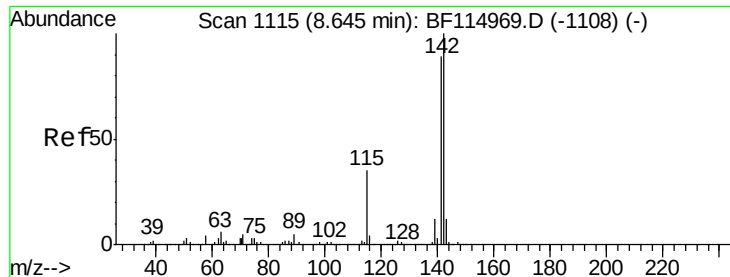
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#36
 4-Chloro-3-methylphenol
 Concen: 41.275 ng/ml
 RT: 8.49 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.5	22.0	33.0	
142	80.6	68.2	102.4	





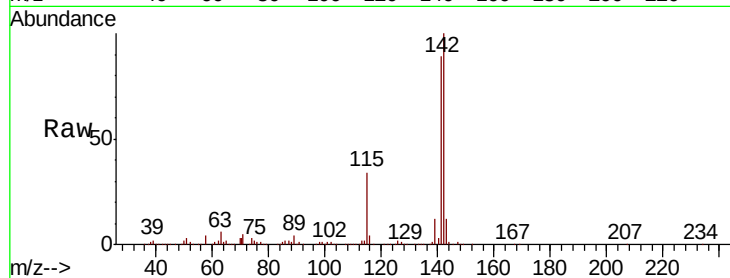
#37
2-Methylnaphthalene
Concen: 48.159 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.3	27.9	41.9

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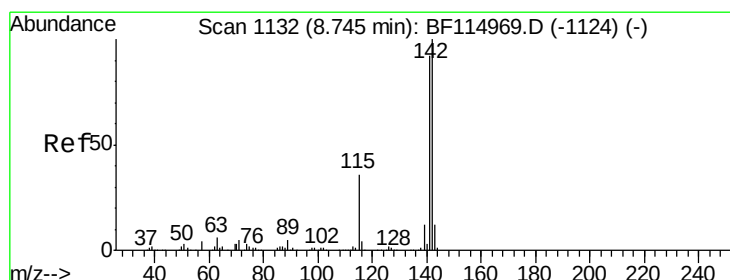
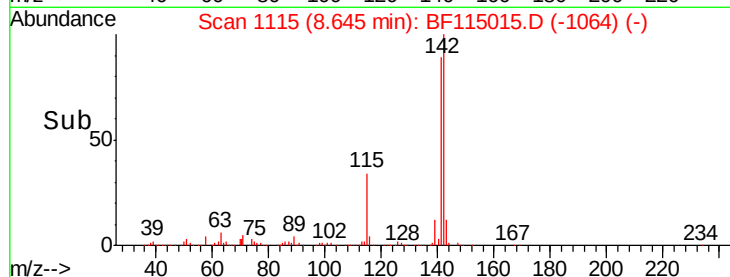
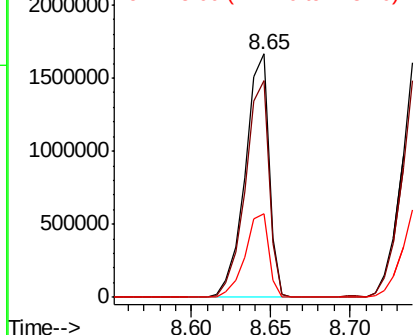


Abundance

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: 48.156 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

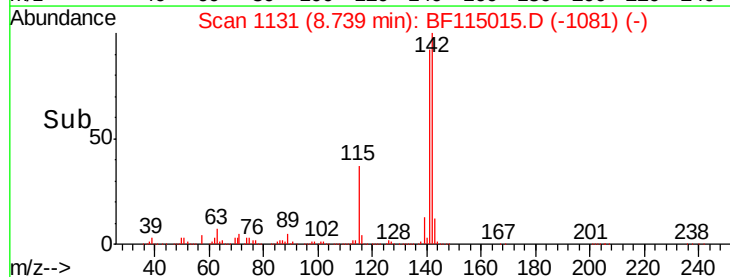
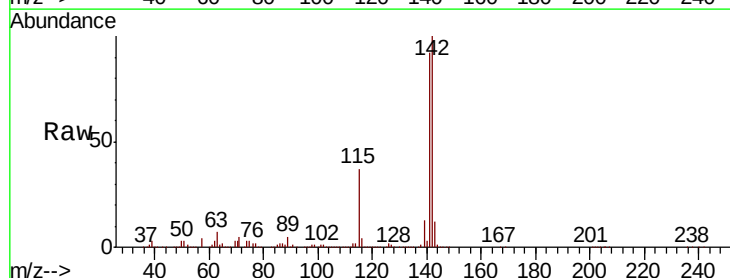
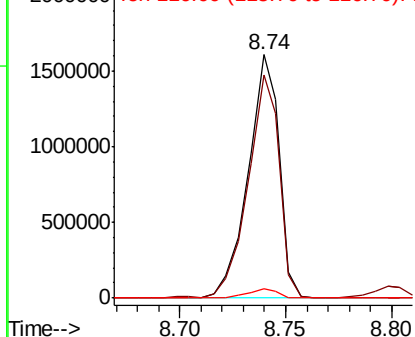
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.8
116	3.9	2.9	4.3

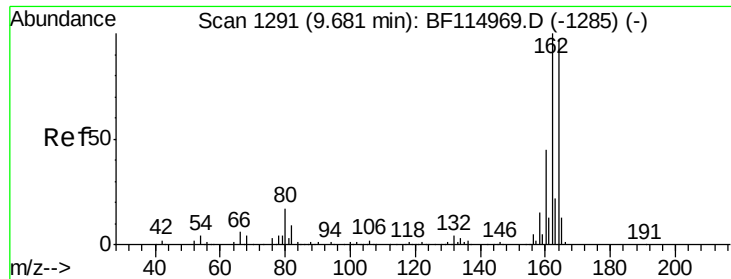
Abundance

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





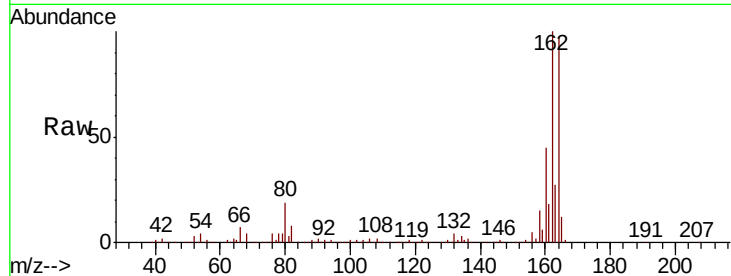
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	124.0
160	45.9	36.9	55.3

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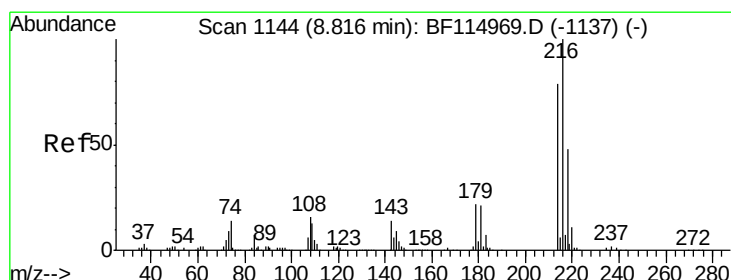
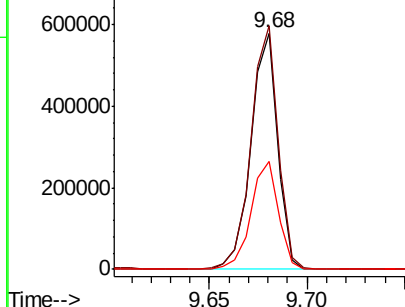


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.297 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.7	95.5
179	23.1	18.2	27.4
108	20.4	15.0	22.6

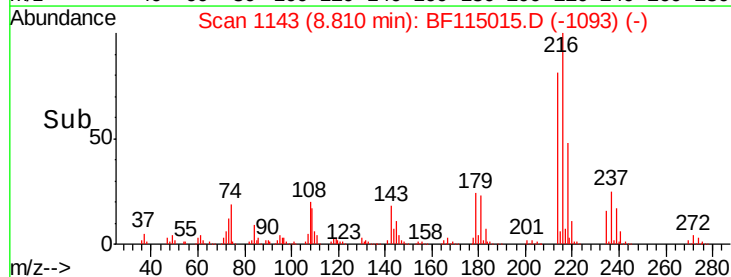
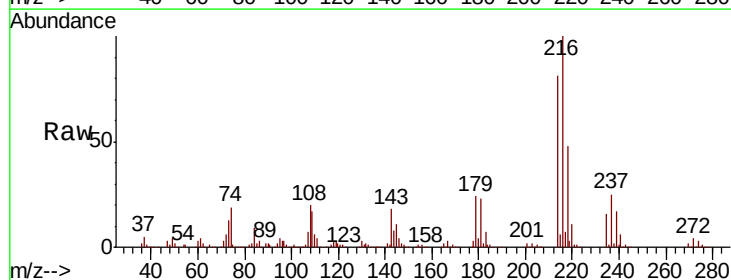
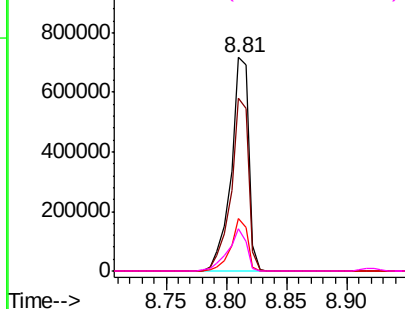
Abundance

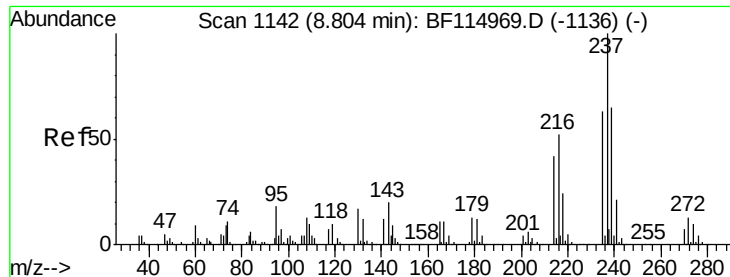
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





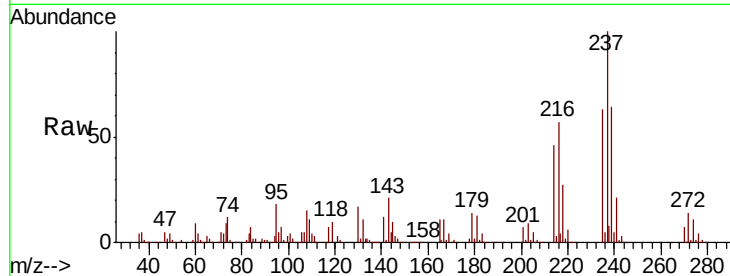
#41
Hexachlorocyclopentadiene
Concen: 77.645 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

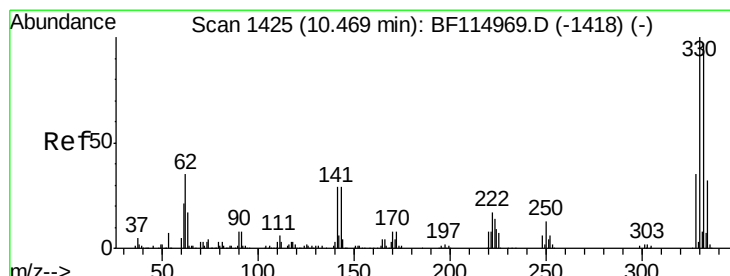
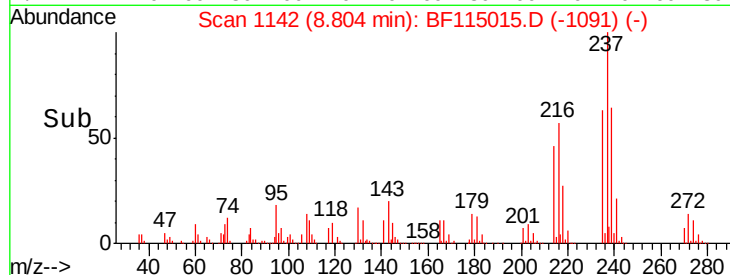
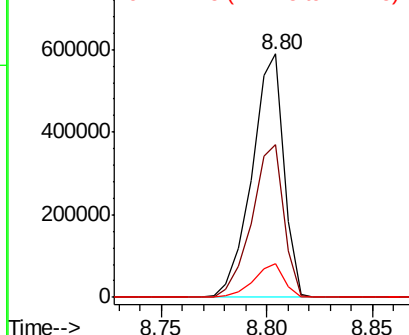
Tot Ion	Ratio	Resp	Lower	Upper
237	100	618767		
235	62.7	42.7	82.7	
272	13.6	0.0	32.7	

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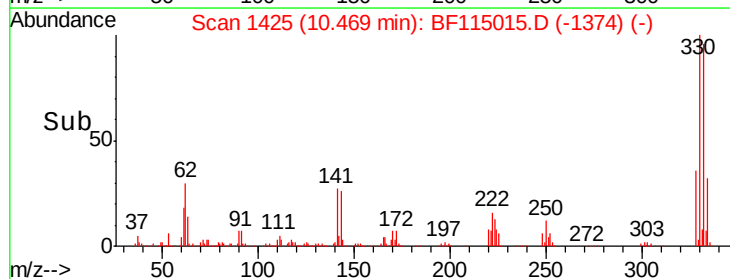
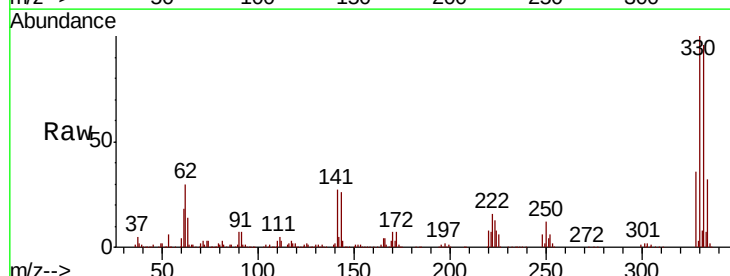
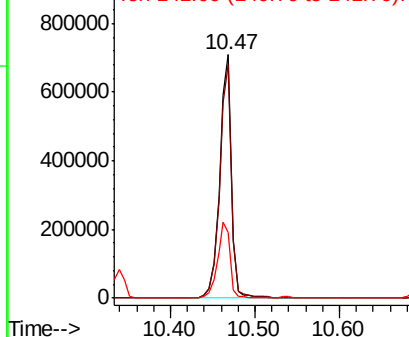
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

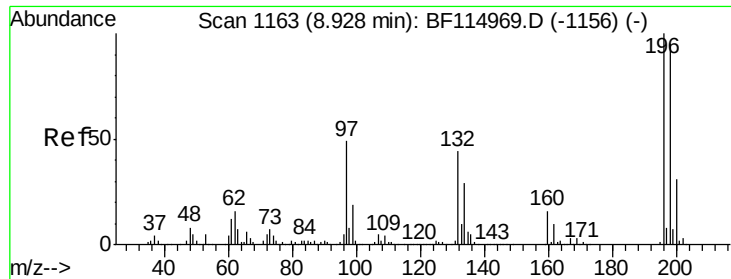


#42
2,4,6-Tribromophenol
Concen: 119.501 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	700515		
332	96.2	77.6	116.4	
141	33.5	27.2	40.8	

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





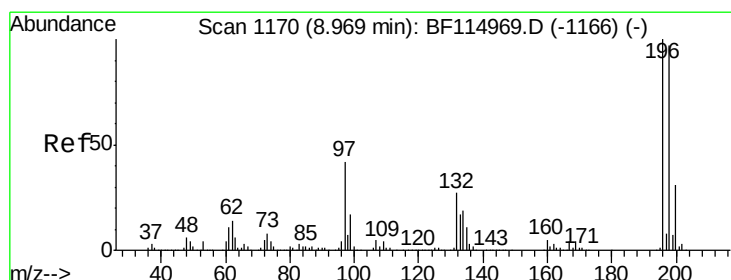
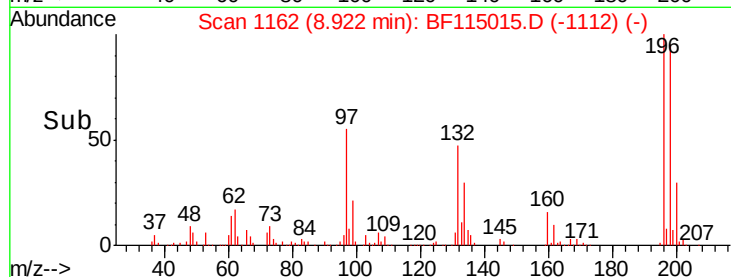
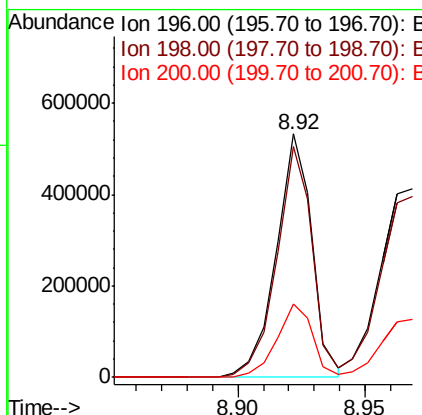
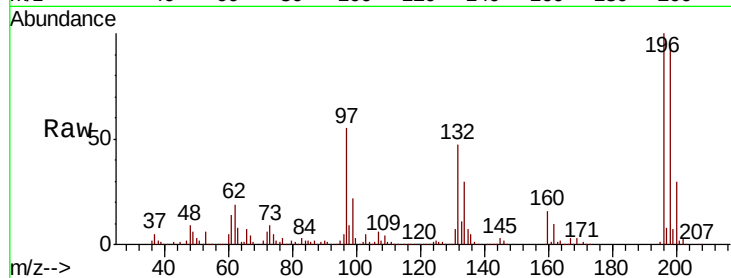
#43
 2,4,6-Trichlorophenol
 Concen: 43.274 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Tot Ion:	196	Resp:	522720
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.8	113.8
200	30.4	24.9	37.3

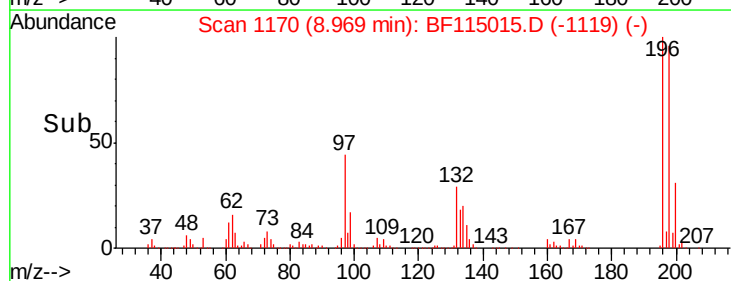
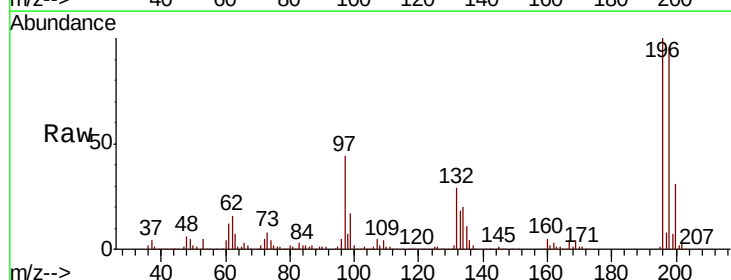
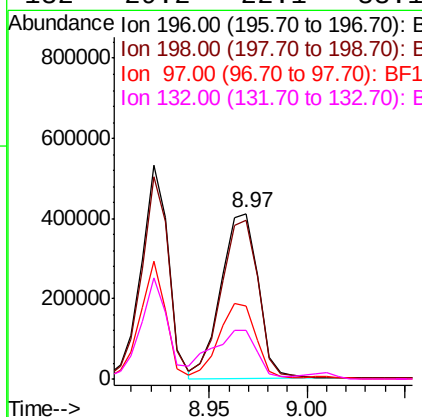
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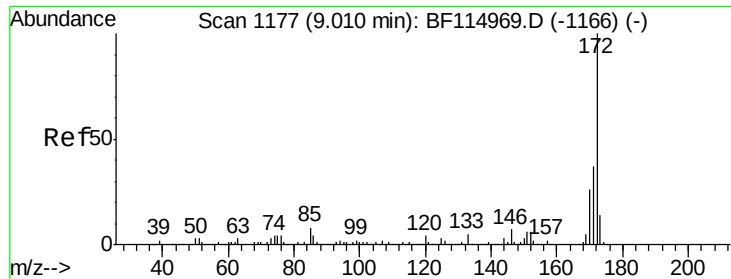
mohammad
 6/14/2019 8:47:25 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.627 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Tgt Ion:	196	Resp:	544781
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.3	115.9
97	44.5	34.2	51.4
132	29.2	22.1	33.1





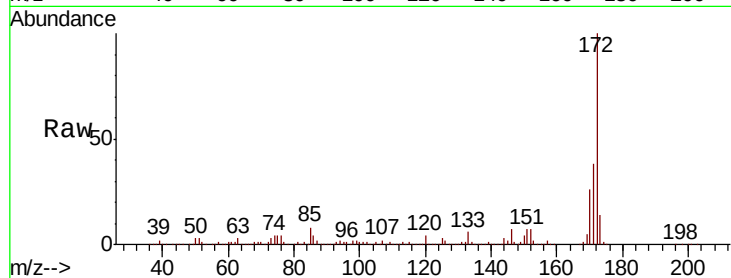
#45
2-Fluorobiphenyl
Concen: 93.460 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	25.8	20.6	31.0

Manual Integrations
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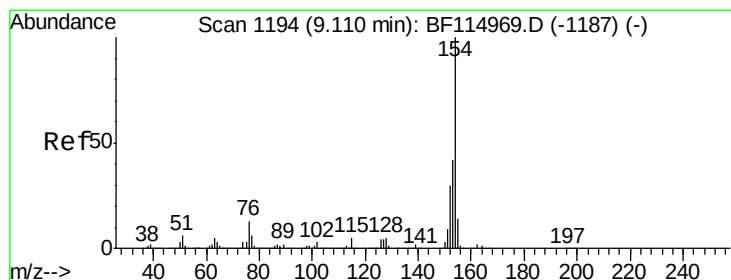
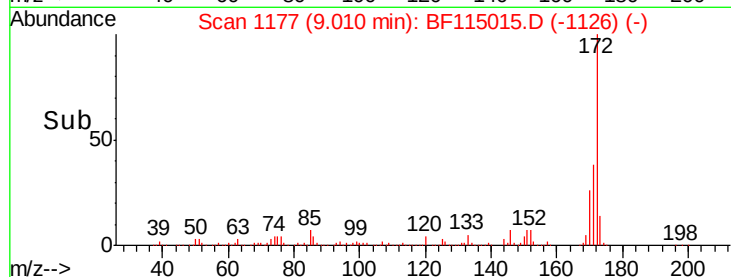
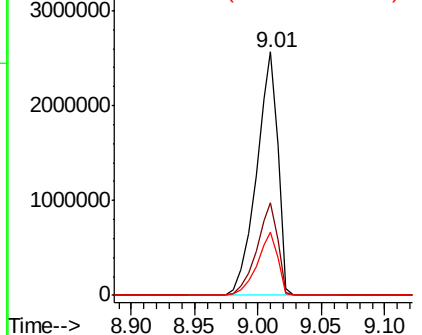


Abundance

Ion 172.00 (171.70 to 172.70): E

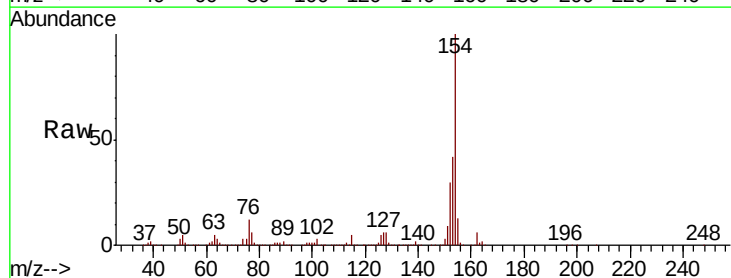
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.112 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	22.4	62.4
76	12.1	0.0	33.3

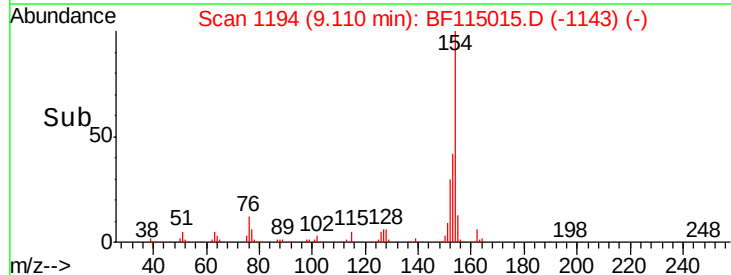
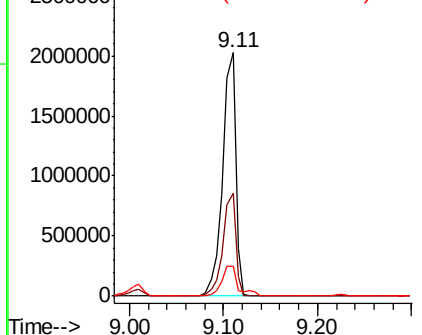


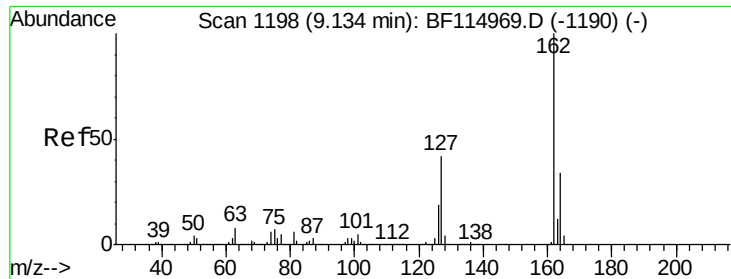
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





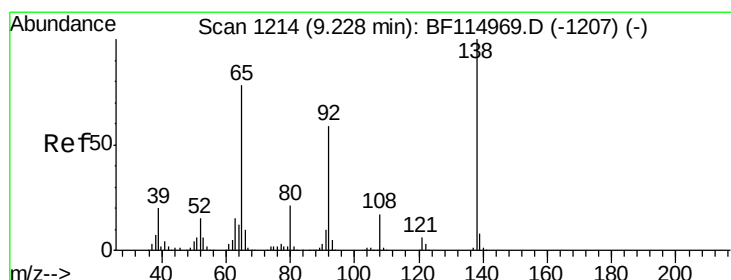
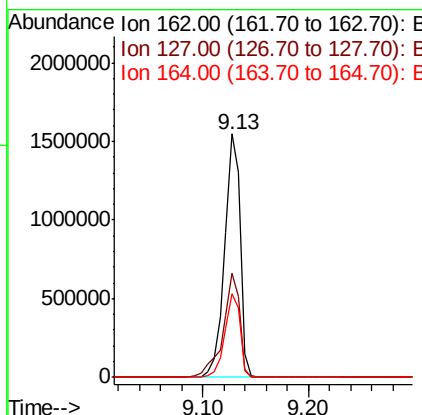
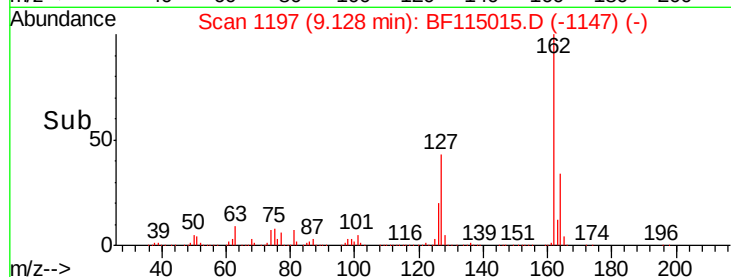
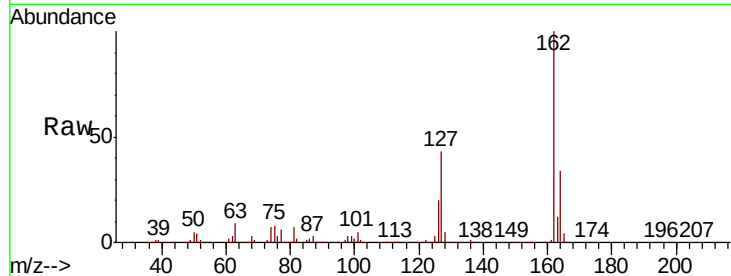
#47
2-Chloronaphthalene
Concen: 44.672 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.4	50.2
164	34.3	27.2	40.8

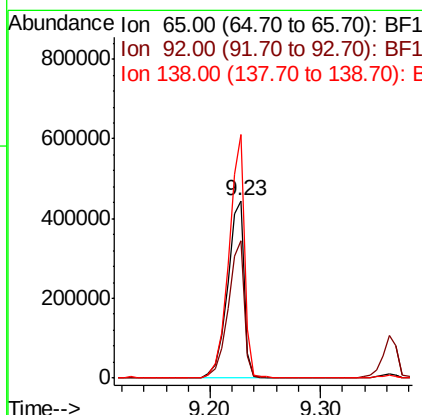
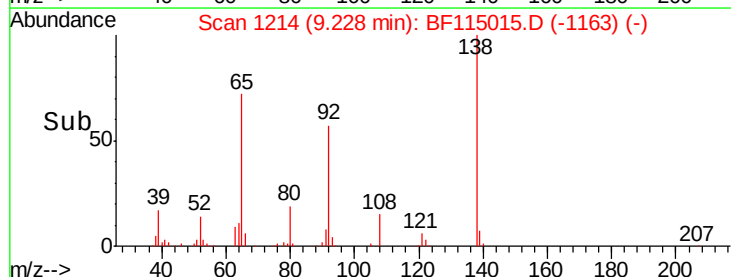
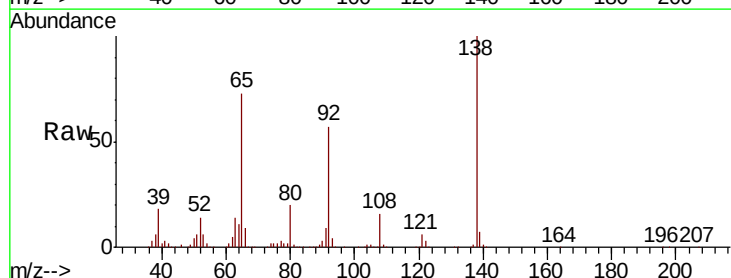
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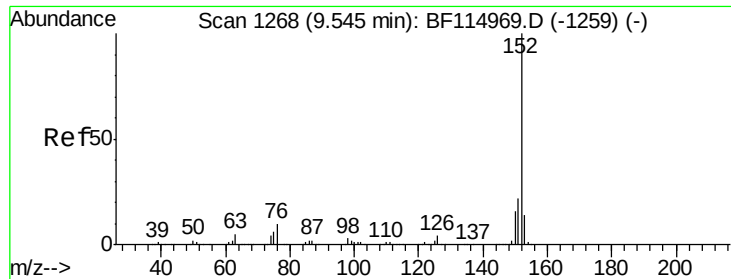
mohammad
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#48
2-Nitroaniline
Concen: 44.854 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.7	60.5	90.7
138	137.2	102.0	153.0





#49

Acenaphthylene

Concen: 44.668 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

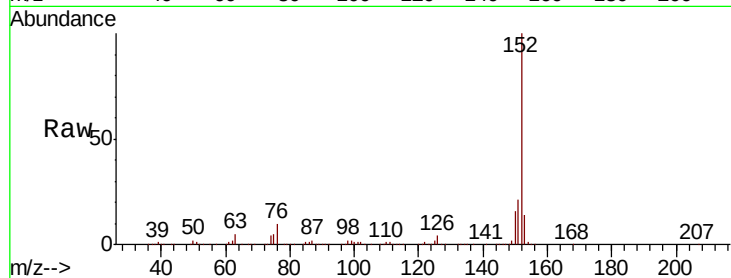
ClientSampleId :

MW-5_061219MS

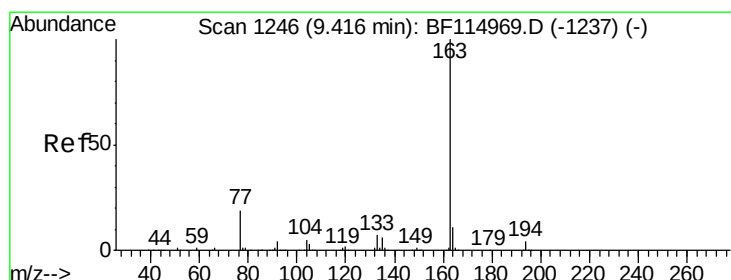
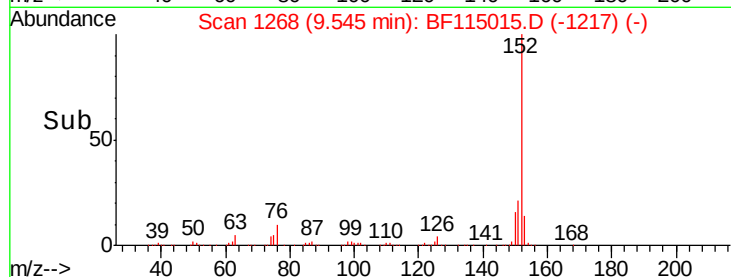
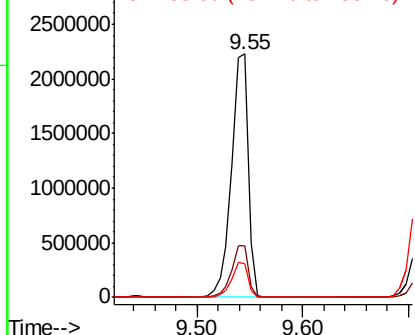
Tot Ion:	152	Resp:	2436184
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.5	26.3
153	13.8	11.2	16.8

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: 46.674 ng

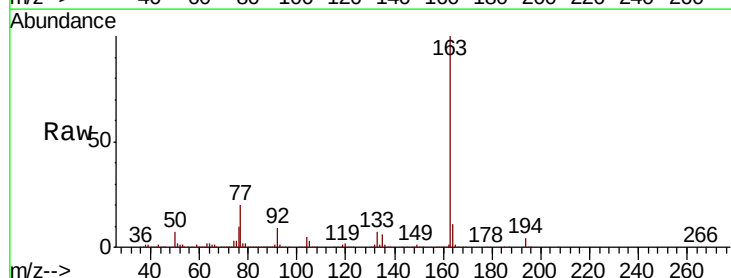
RT: 9.42 min Scan# 1246

Delta R.T. -0.00 min

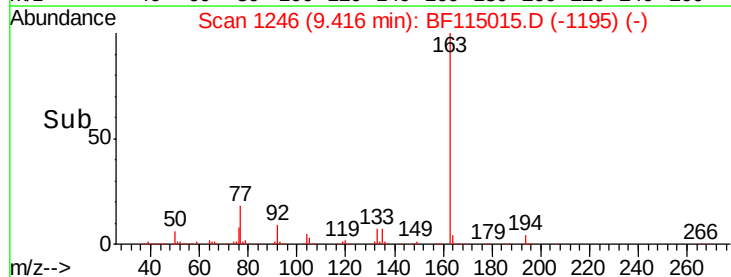
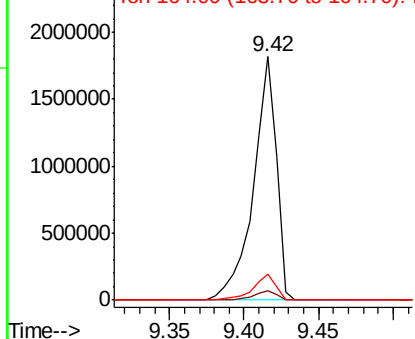
Lab File: BF115015.D

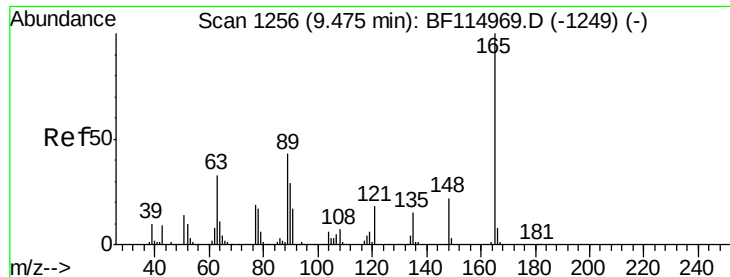
Acq: 13 Jun 2019 21:23

Tgt Ion:	163	Resp:	1921461
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.8	8.6	12.8



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





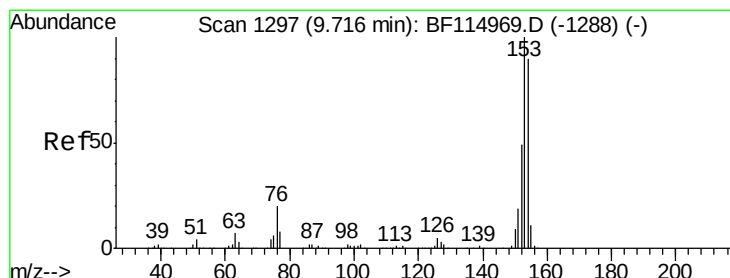
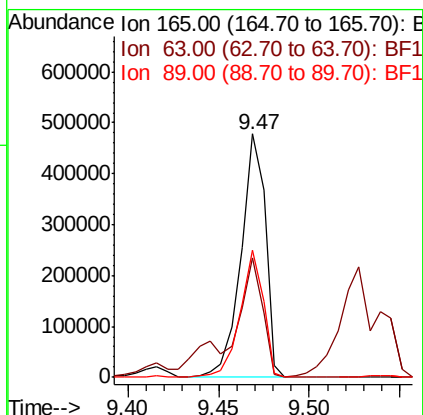
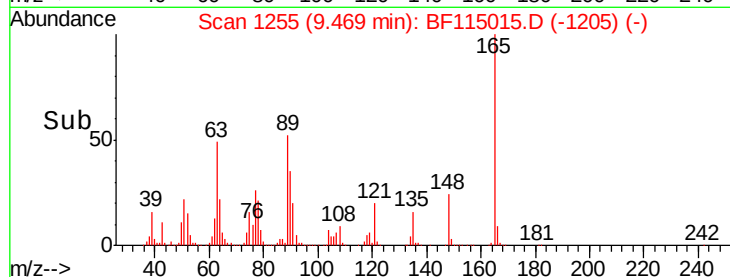
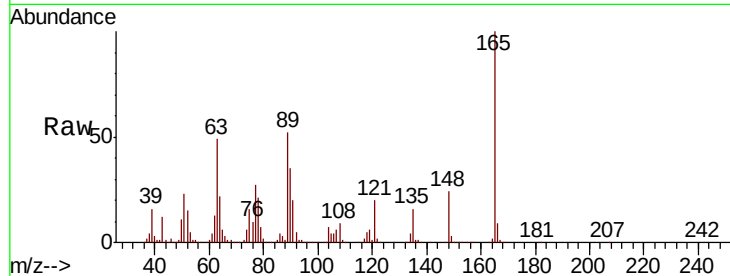
#51
 2,6-Dinitrotoluene
 Concen: 47.997 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	30.6	46.0#
89	52.0	34.4	51.6#

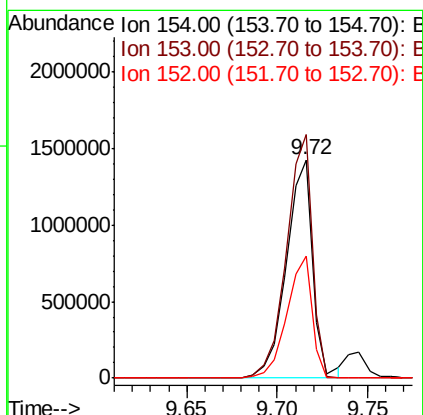
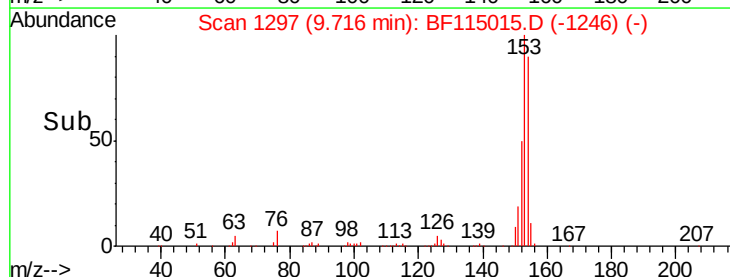
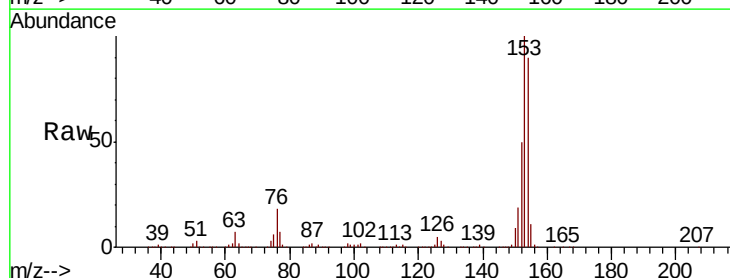
Manual Integrations
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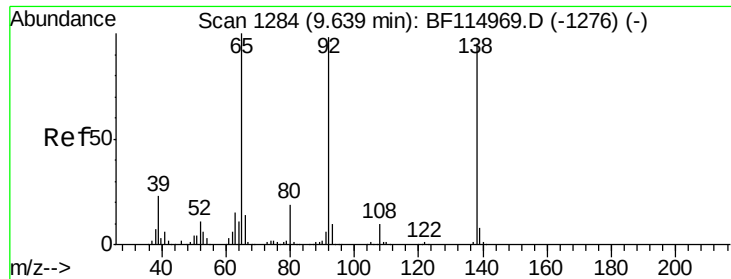
mohammad
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#52
 Acenaphthene
 Concen: 46.472 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	88.5	132.7
152	55.6	43.6	65.4





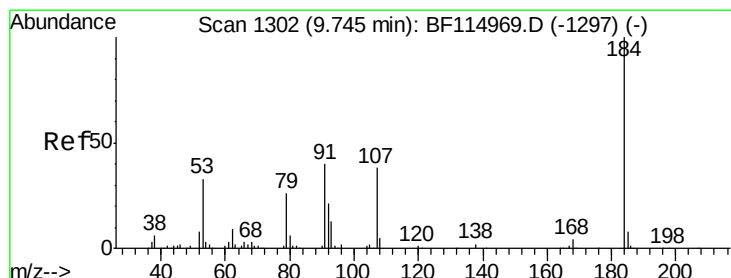
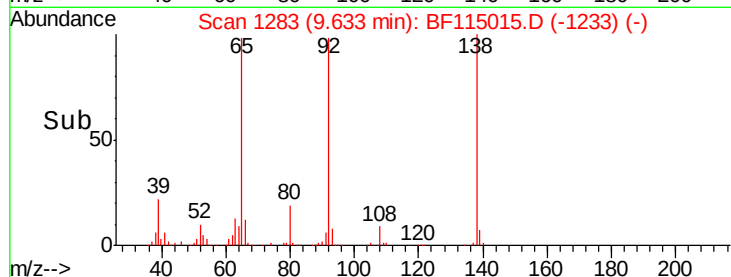
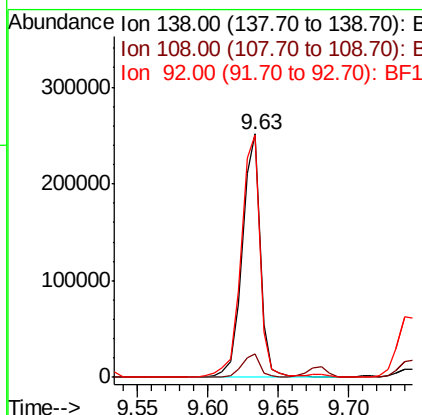
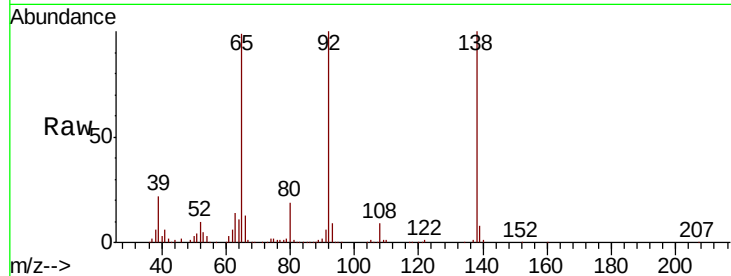
#53
3-Nitroaniline
Concen: 19.783 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.0	12.0
92	99.7	82.4	123.6

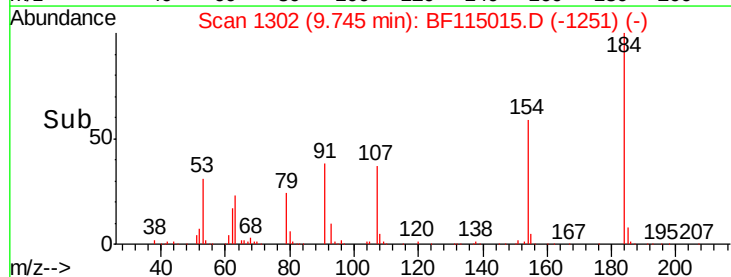
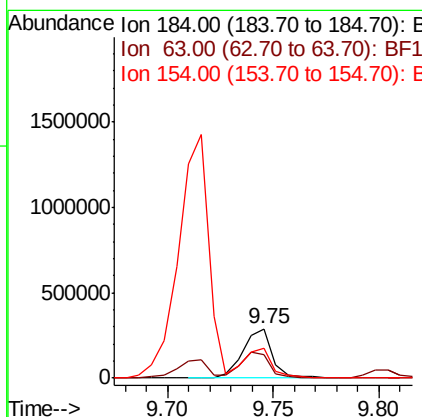
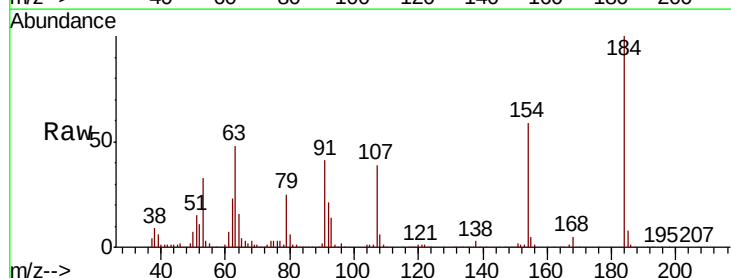
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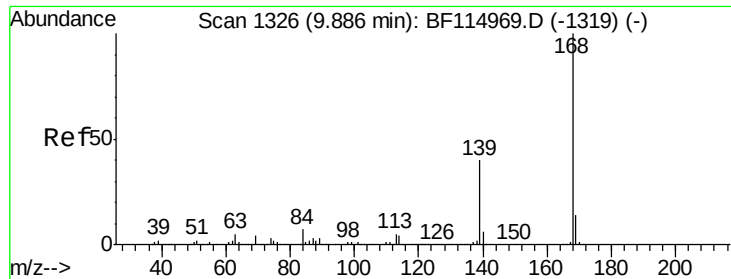
mohammad
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#54
2,4-Dinitrophenol
Concen: 61.771 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.6	40.5	60.7
154	59.3	44.8	67.2





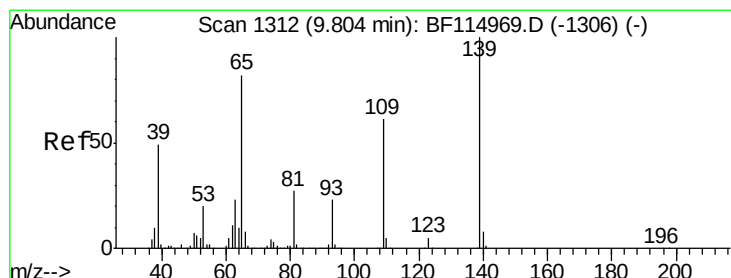
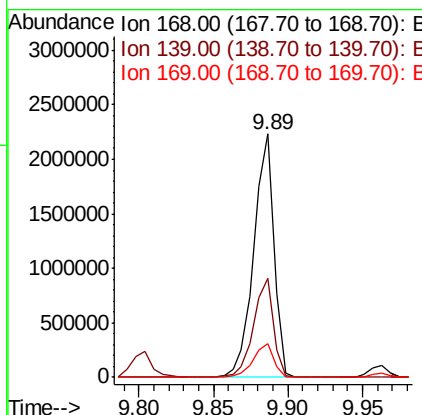
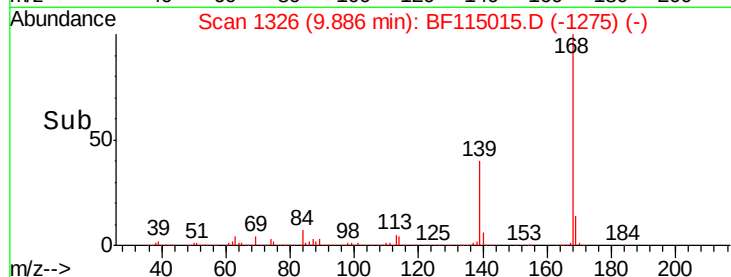
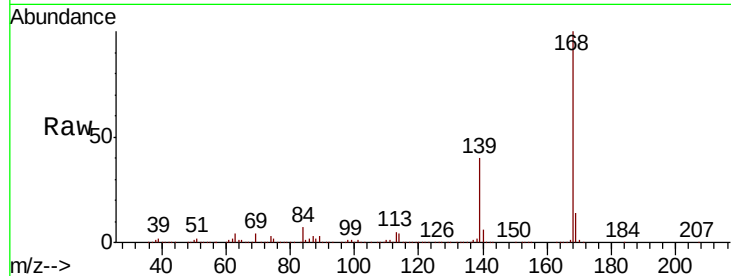
#55
Dibenzenofuran
Concen: 44.302 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.5	48.7
169	14.1	11.5	17.3

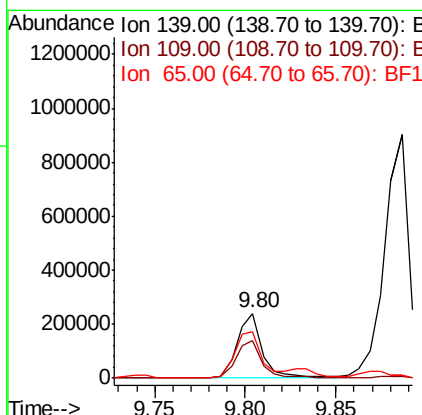
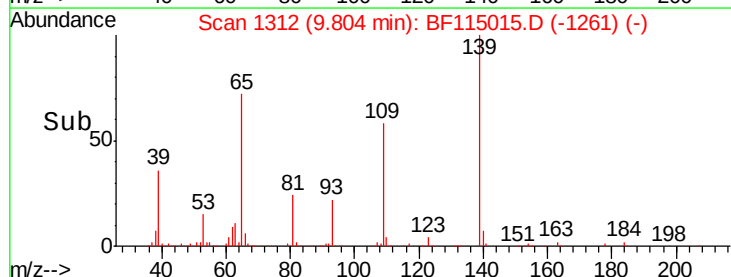
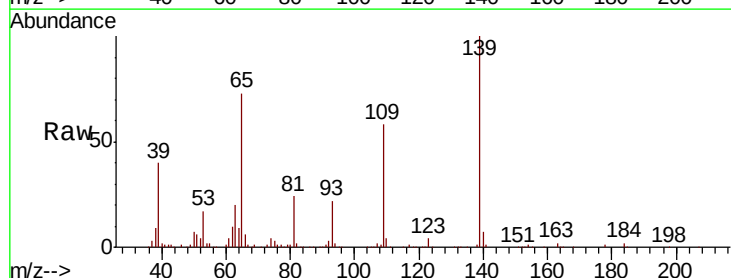
Manual Integrations
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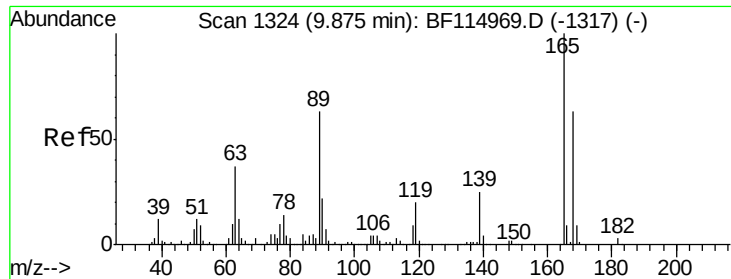
mohammad
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#56
4-Nitrophenol
Concen: 29.505 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.4	41.4	81.4
65	72.7	62.7	102.7





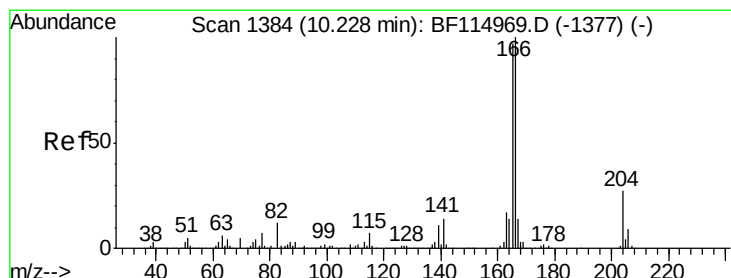
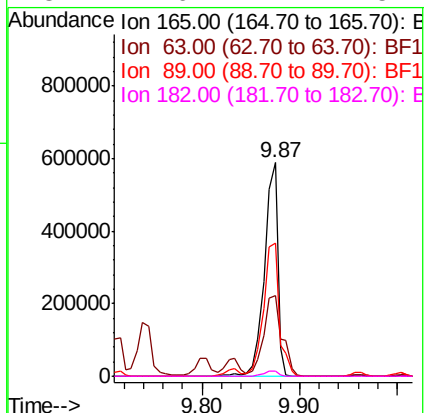
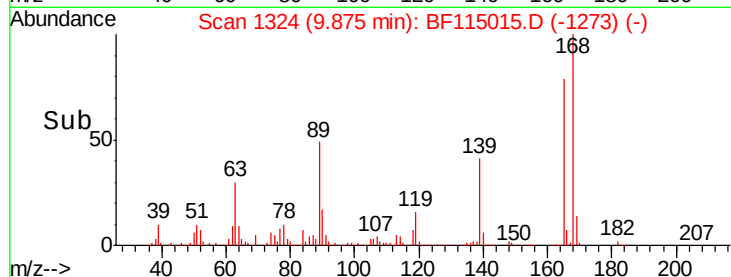
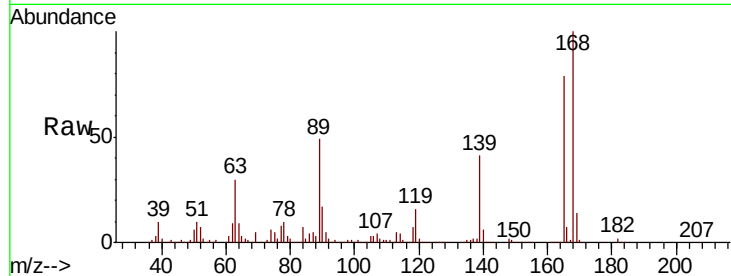
#57
2,4-Dinitrotoluene
Concen: 47.874 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	38.0	29.4	44.2
89	62.3	50.6	75.8
182	2.6	2.2	3.2

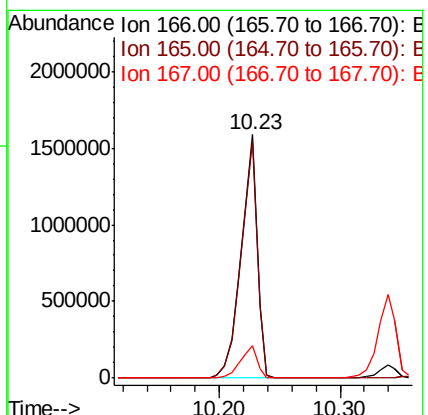
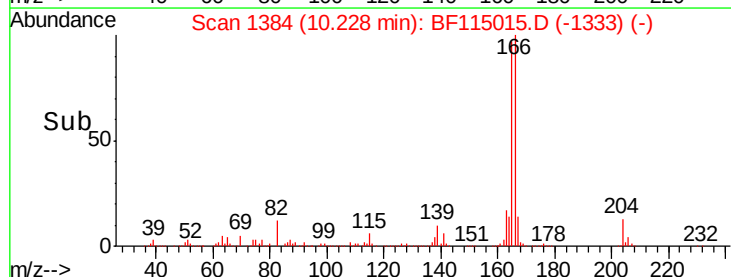
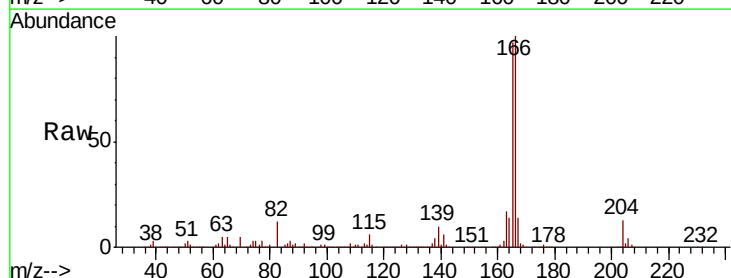
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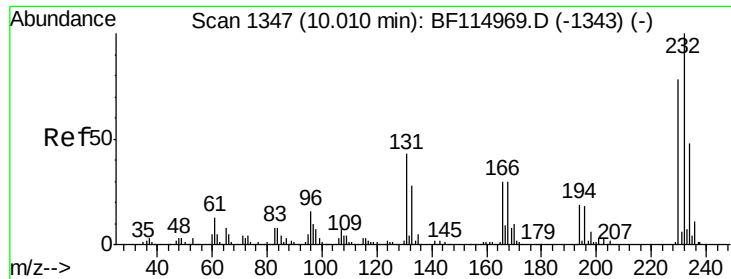
mohammad
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#58
Fluorene
Concen: 48.513 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.5	77.6	116.4
167	13.5	11.0	16.4





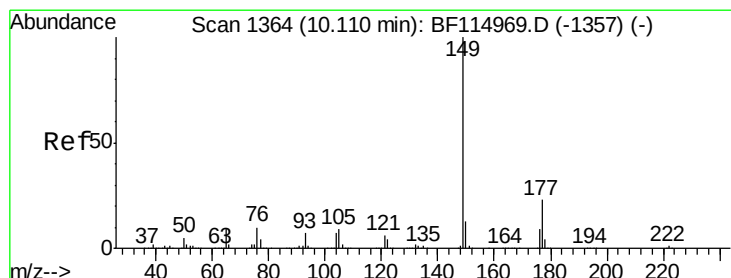
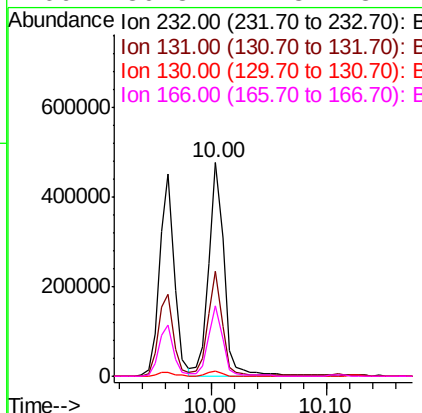
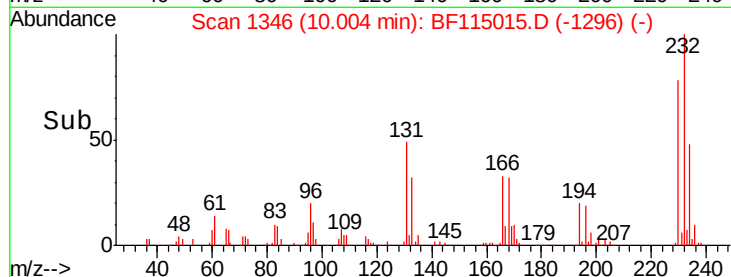
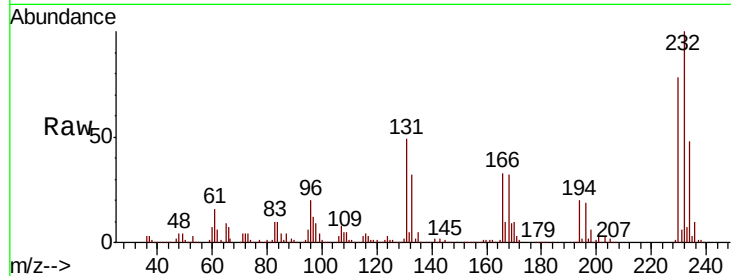
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.799 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.9	55.3
130	2.4	1.8	2.6
166	30.8	24.8	37.2

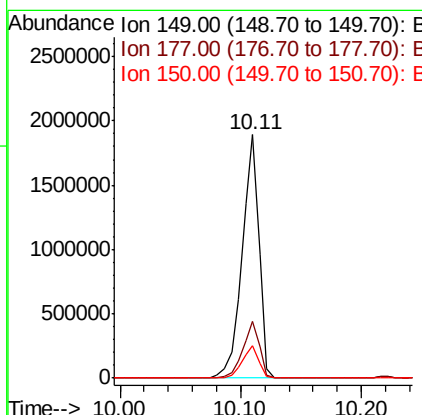
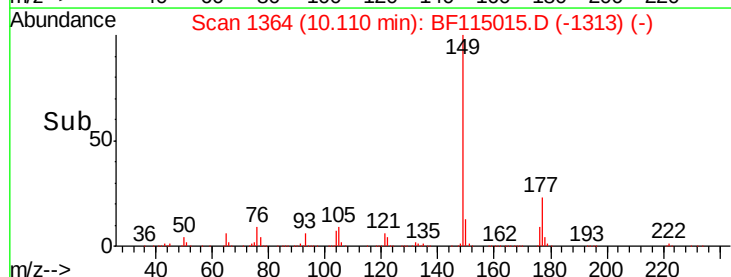
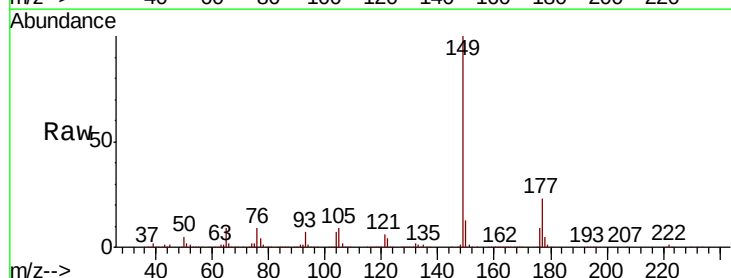
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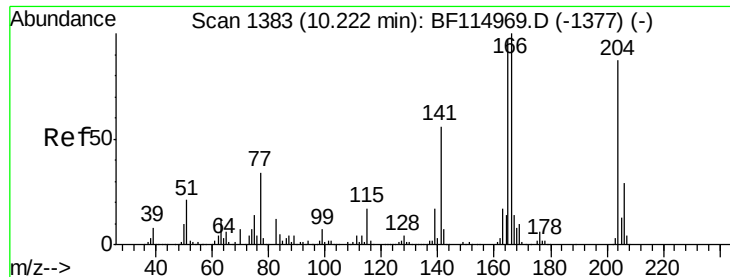
mohammad
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#60
Diethylphthalate
Concen: 46.675 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.6	27.8
150	13.2	10.5	15.7





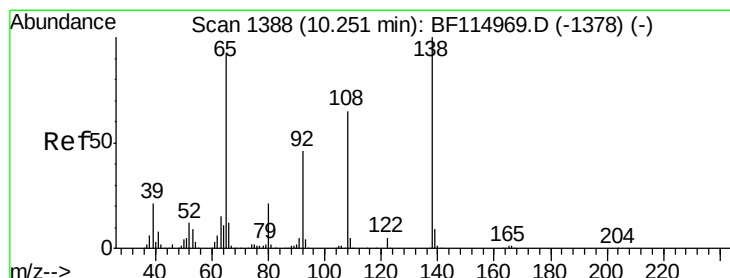
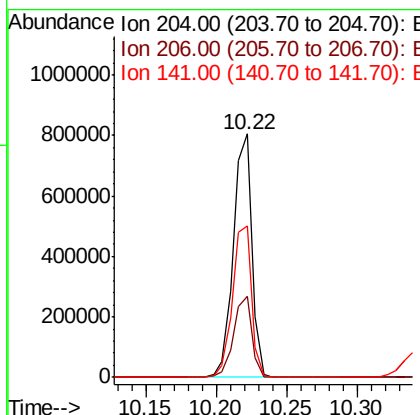
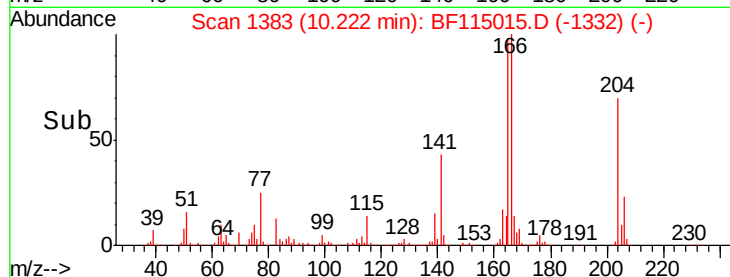
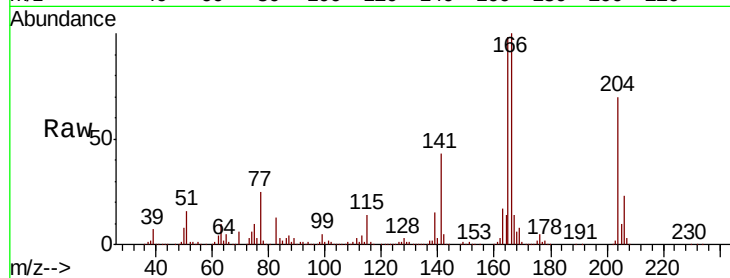
#61
4-Chlorophenyl-phenylether
Concen: 47.973 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.4	51.8	77.8

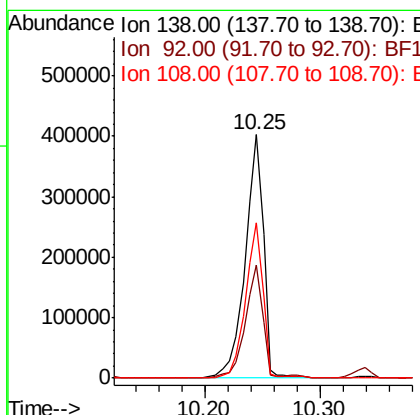
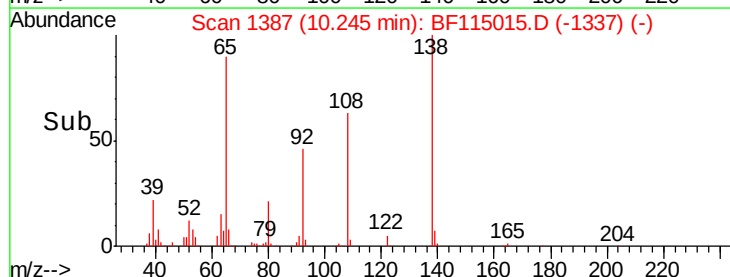
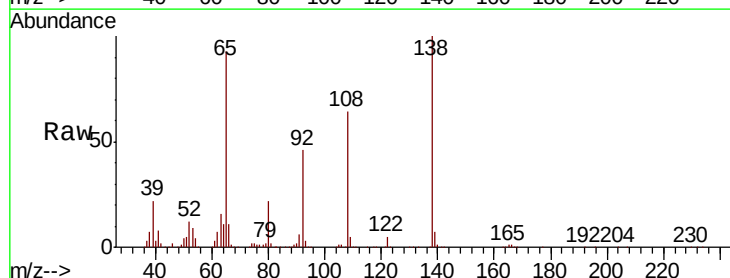
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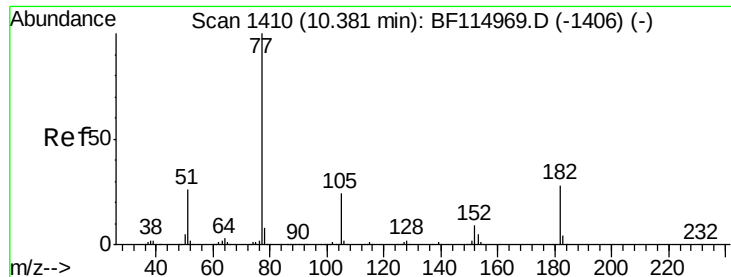
mohammad
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#62
4-Nitroaniline
Concen: 38.201 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	25.7	65.7
108	63.9	44.6	84.6





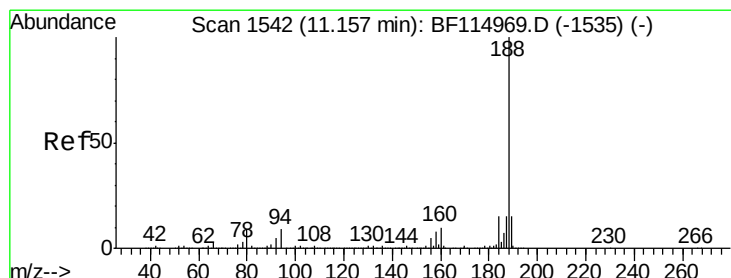
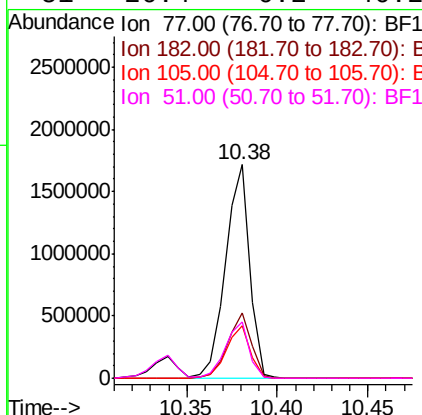
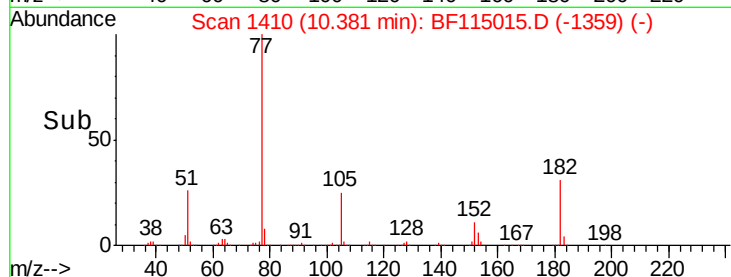
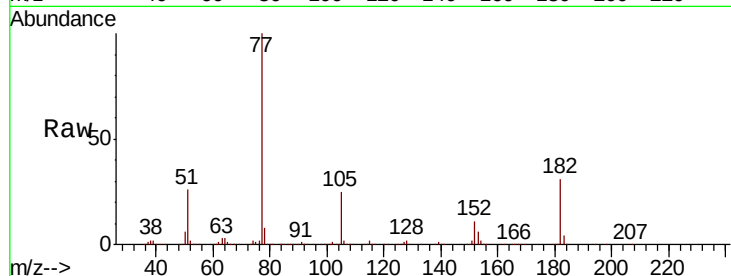
#63
Azobenzene
Concen: 46.163 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.7	7.4	47.4	
105	24.9	4.2	44.2	
51	26.4	6.2	46.2	

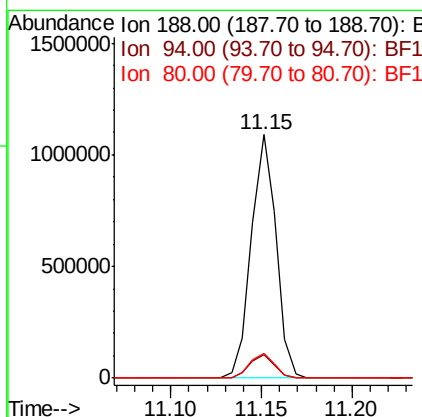
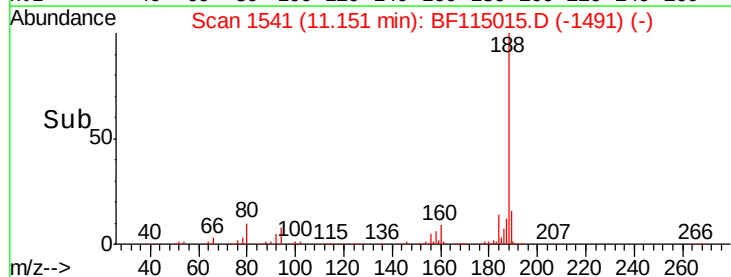
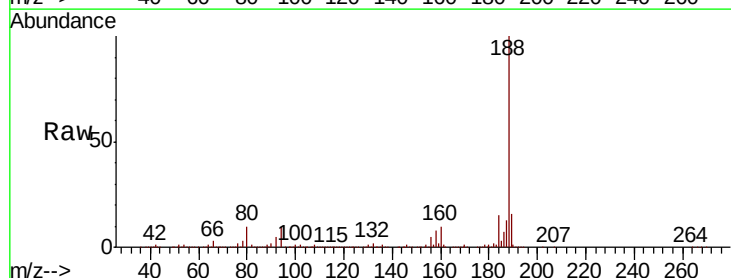
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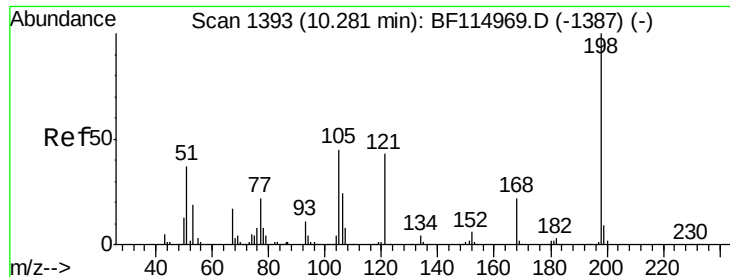
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	7.2	10.8	
80	9.9	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.090 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MS

Tot Ion:198 Resp: 198334

Ion Ratio Lower Upper

198 100

51 34.8 23.0 63.0

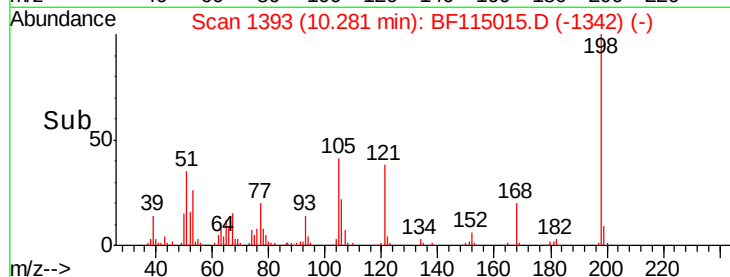
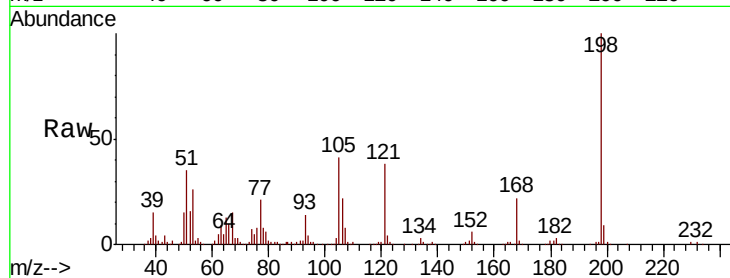
105 40.8 26.5 66.5

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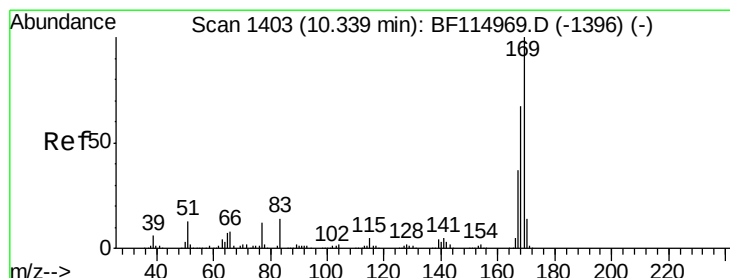
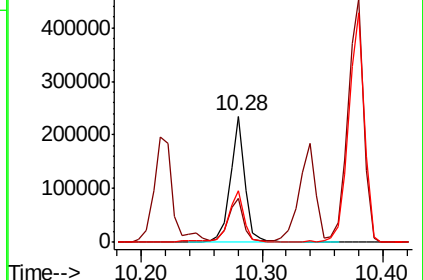
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.070 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

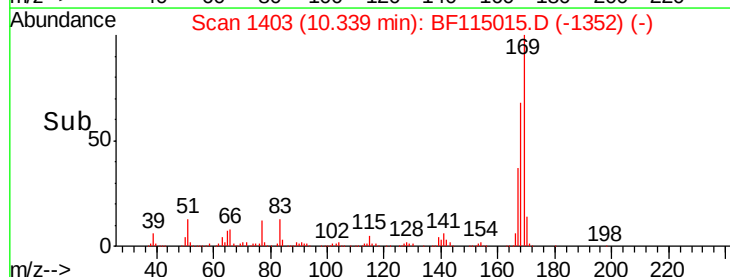
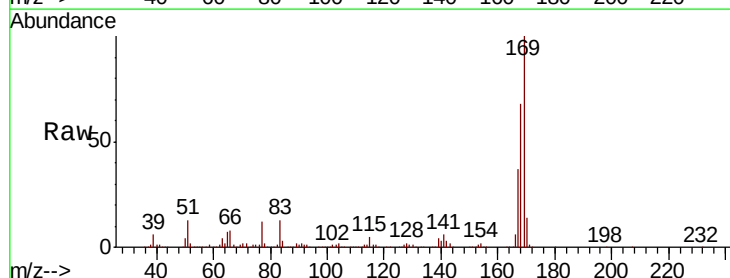
Tgt Ion:169 Resp: 1491532

Ion Ratio Lower Upper

169 100

168 67.9 53.6 80.4

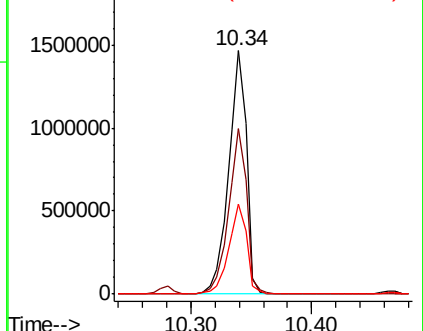
167 37.2 29.6 44.4

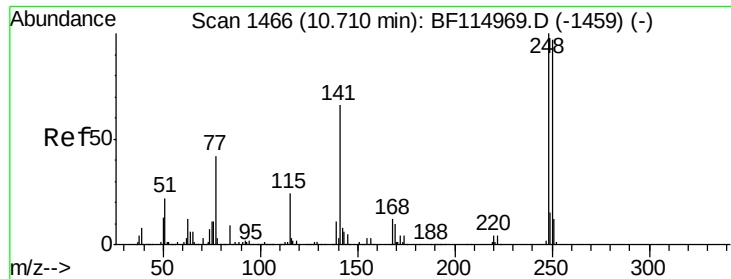


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





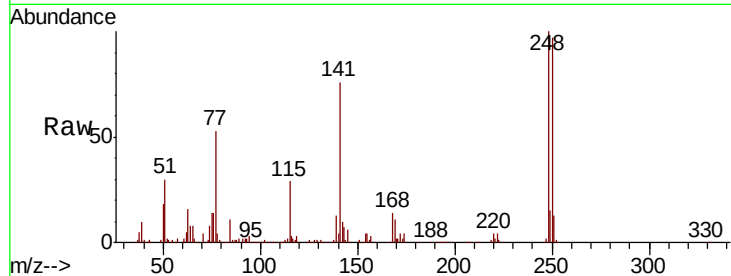
#67
4-Bromophenyl-phenylether
Concen: 46.288 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.8	116.8
141	76.0	53.1	79.7

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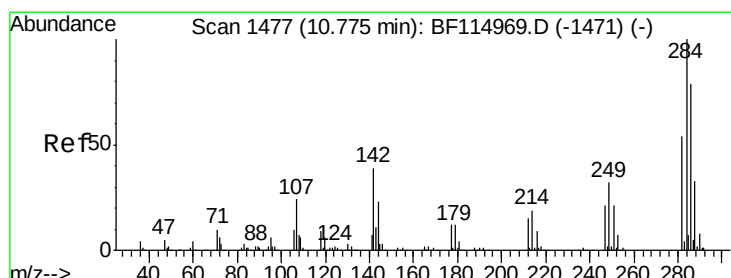
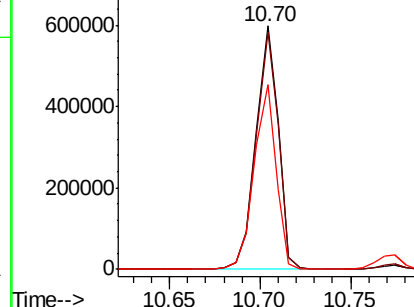
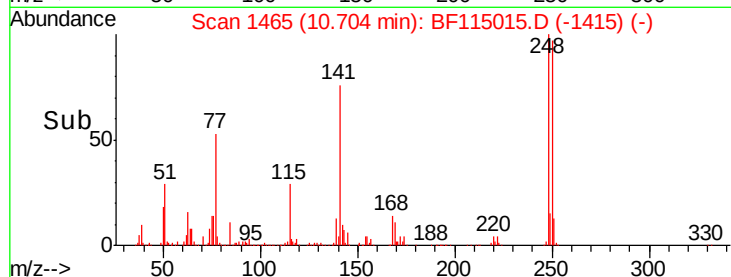


Abundance

Ion 248.00 (247.70 to 248.70): E

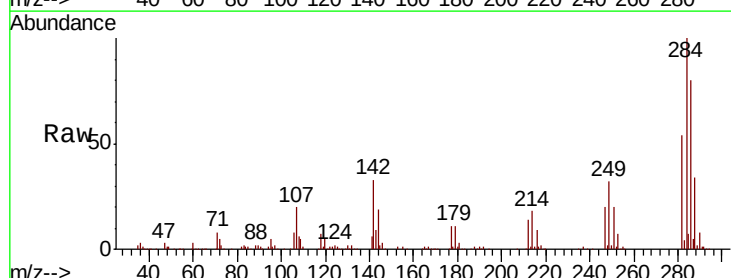
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.148 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	31.5	47.3
249	31.7	25.6	38.4

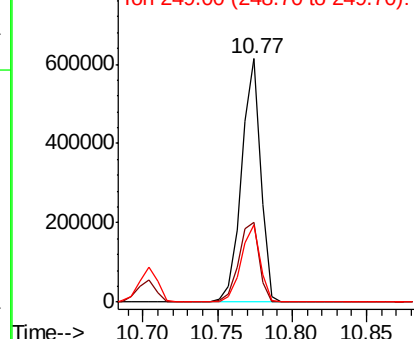
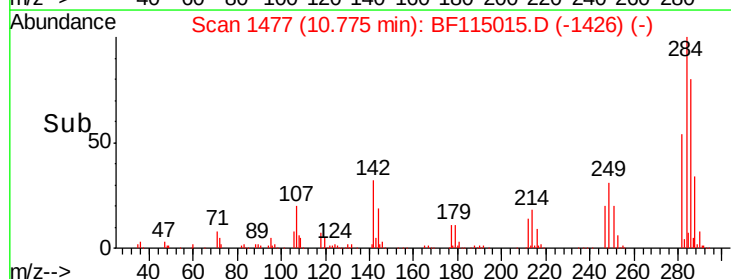


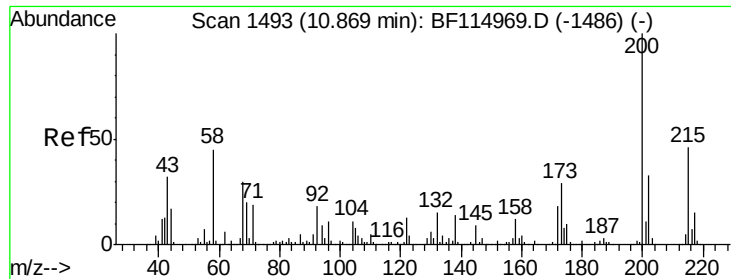
Abundance

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





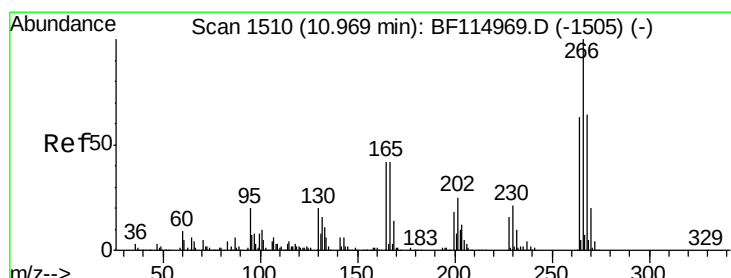
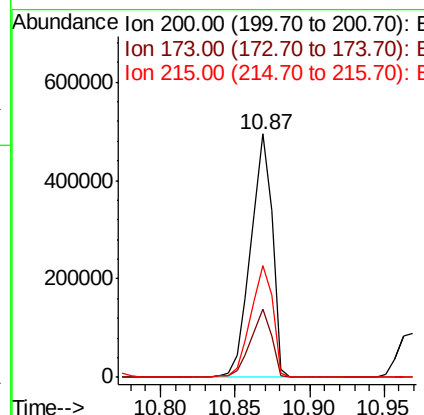
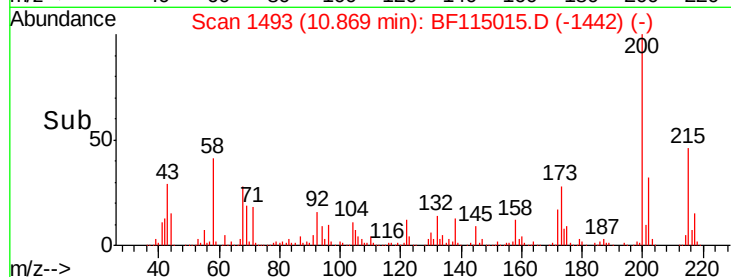
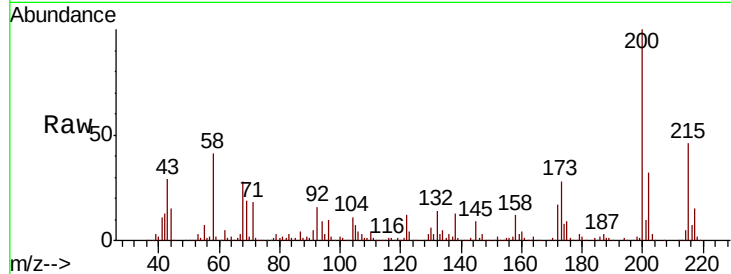
#69
Atrazine
Concen: 49.473 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.0	49.0
215	45.9	26.5	66.5

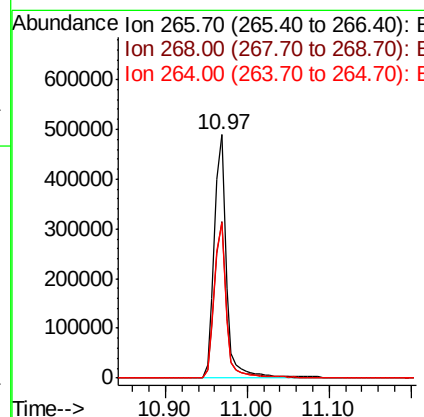
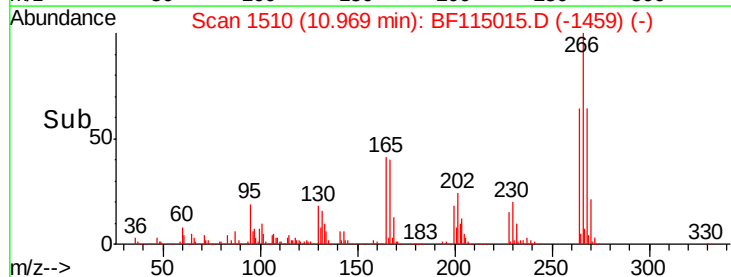
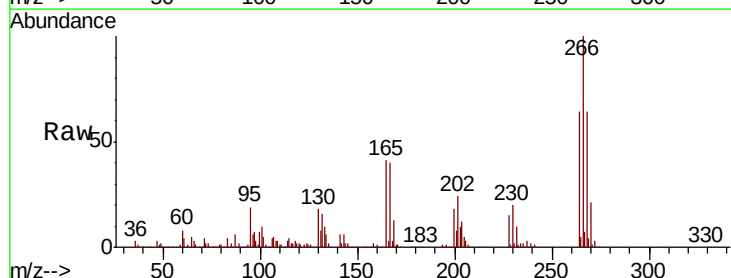
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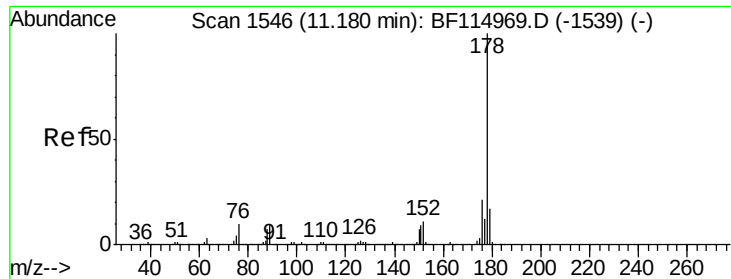
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#70
Pentachlorophenol
Concen: 76.617 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	51.4	77.2
264	63.6	50.3	75.5





#71

Phenanthrene

Concen: 43.366 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MS

Tot Ion:178 Resp: 2324158

Ion Ratio Lower Upper

178 100

176 21.3 16.9 25.3

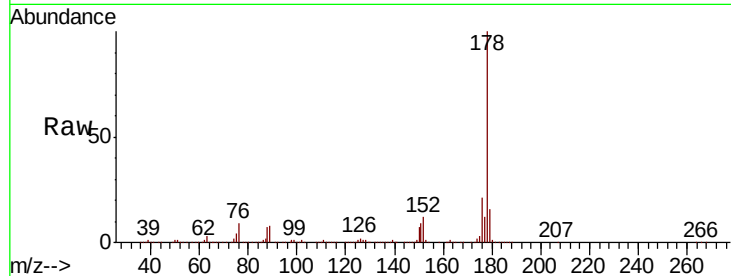
179 16.4 13.4 20.0

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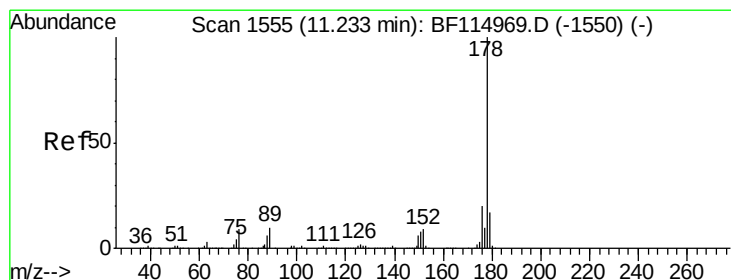
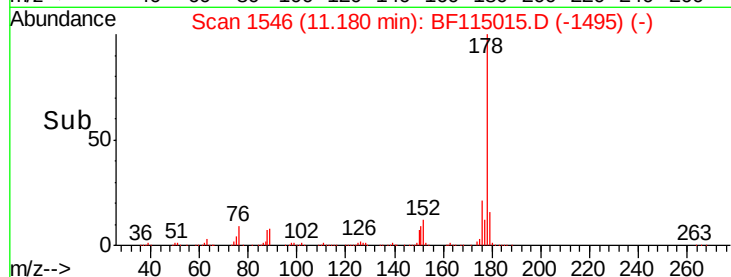
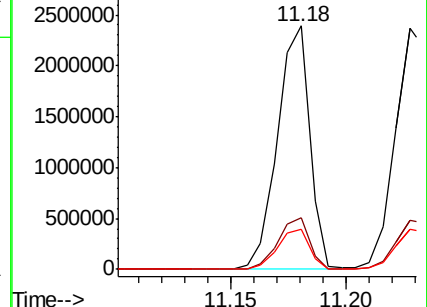
6/14/2019 8:47:25 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.582 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:178 Resp: 2410461

Ion Ratio Lower Upper

178 100

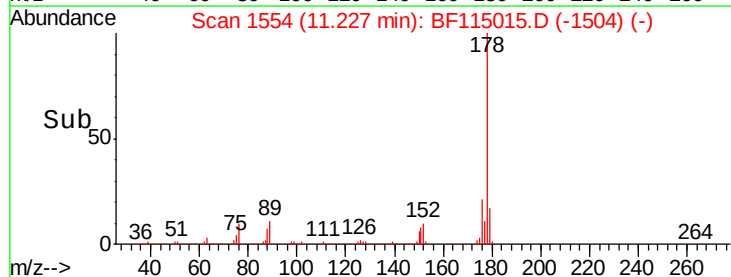
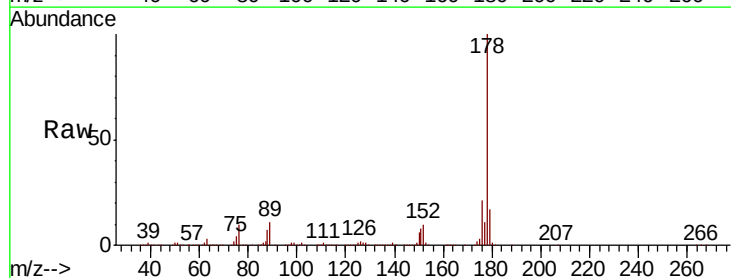
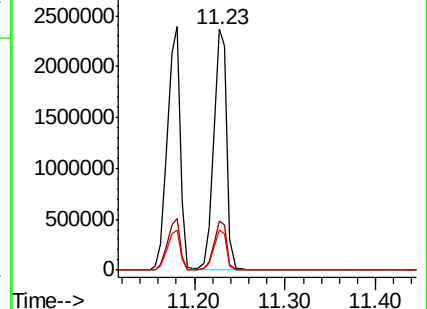
176 20.6 16.2 24.4

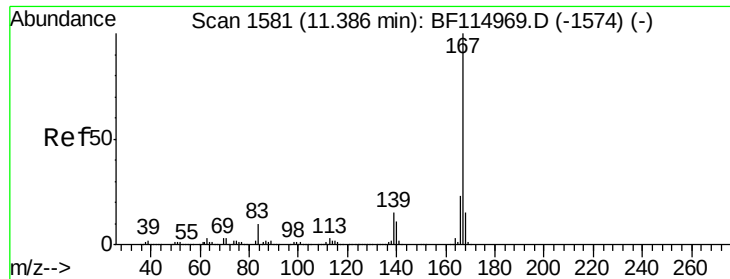
179 16.9 13.2 19.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.058 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MS

Tot Ion:167 Resp: 2126394

Ion Ratio Lower Upper

167 100

166 23.3 18.5 27.7

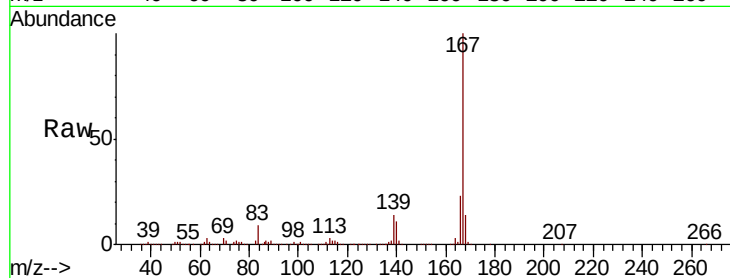
139 14.4 12.0 18.0

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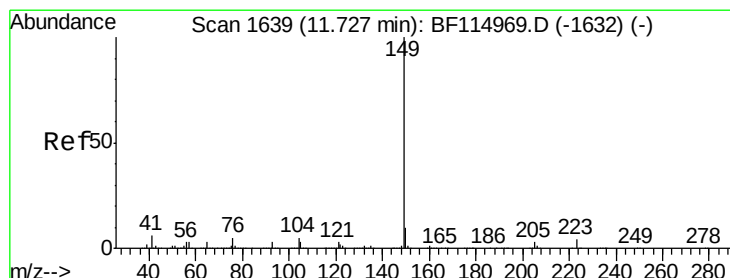
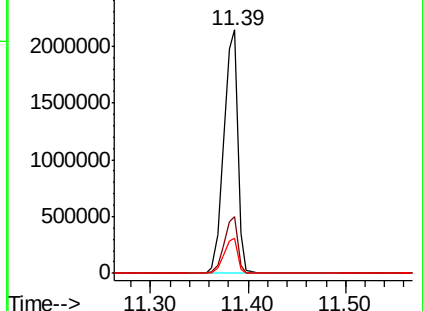
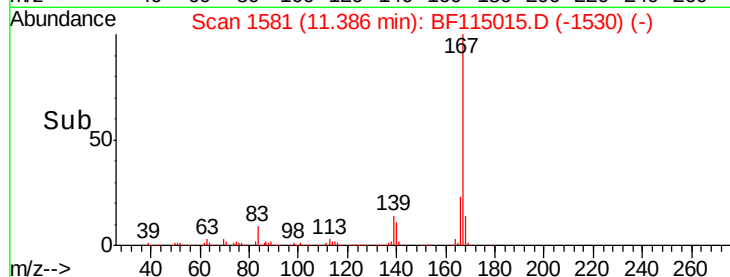
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.572 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

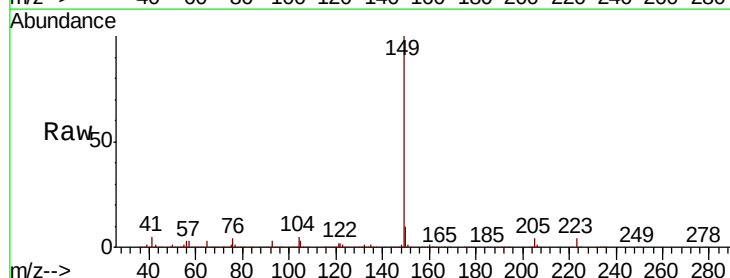
Tgt Ion:149 Resp: 2651811

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

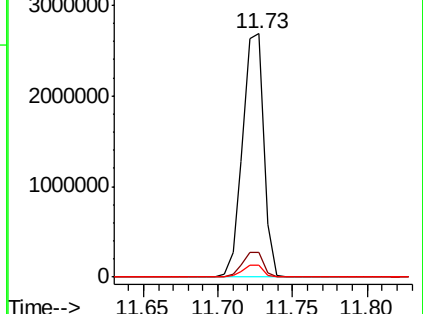
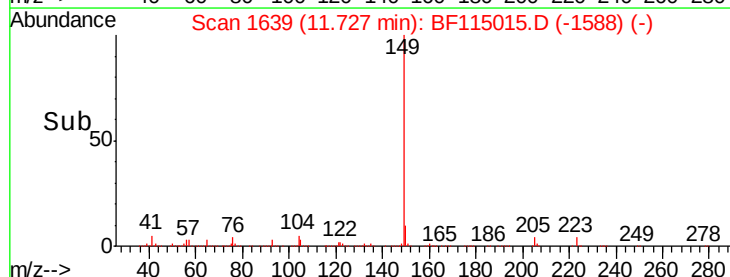
104 4.8 4.0 6.0

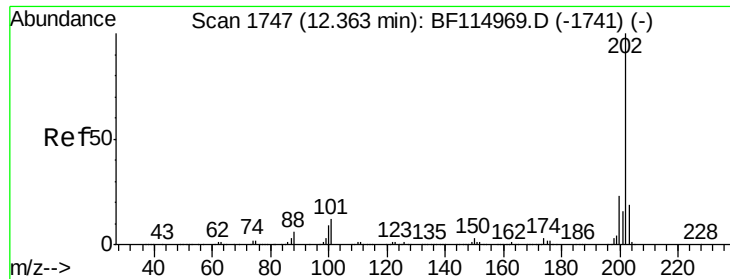


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.092 ng

RT: 12.36 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

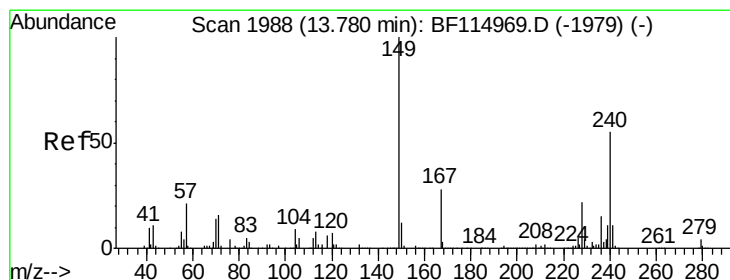
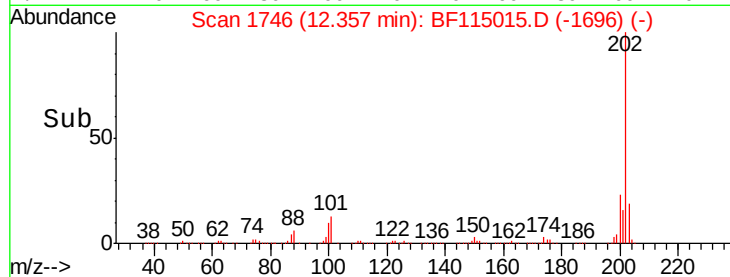
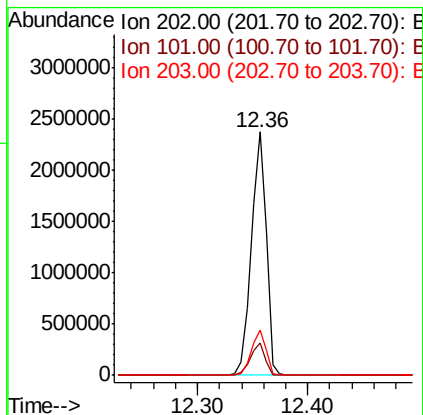
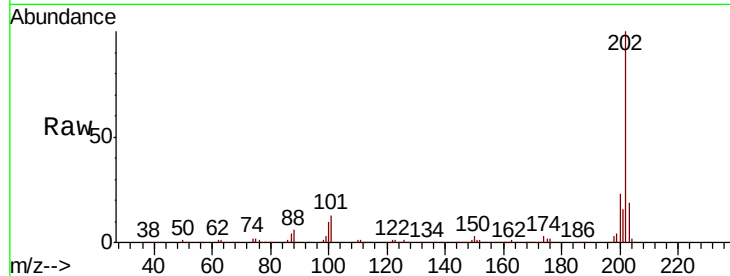
ClientSampleId :

MW-5_061219MS

Tot Ion:	202	Resp:	2251981
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	32.4
203	18.8	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

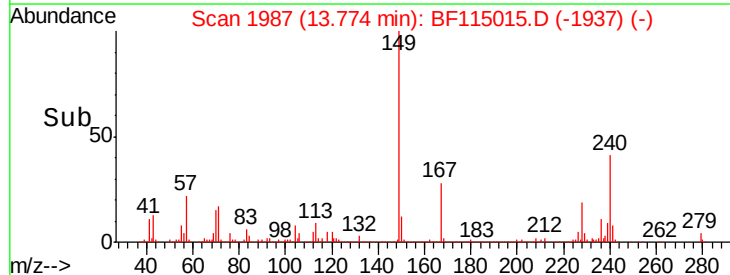
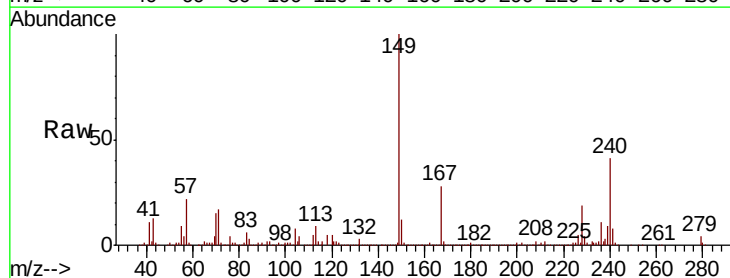
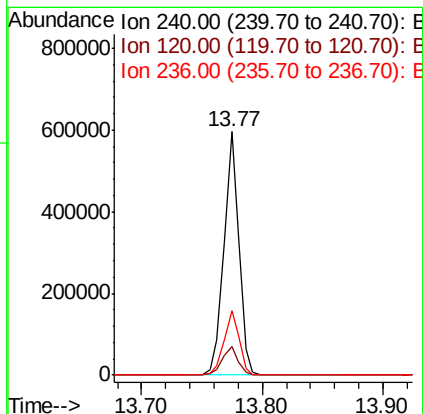
RT: 13.77 min Scan# 1987

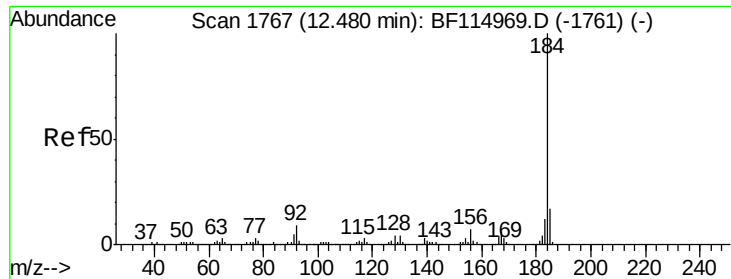
Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:	240	Resp:	510927
Ion Ratio	Lower	Upper	
240	100		
120	11.8	10.0	15.0
236	26.6	21.6	32.4





#77

Benzidine

Concen: 33.245 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

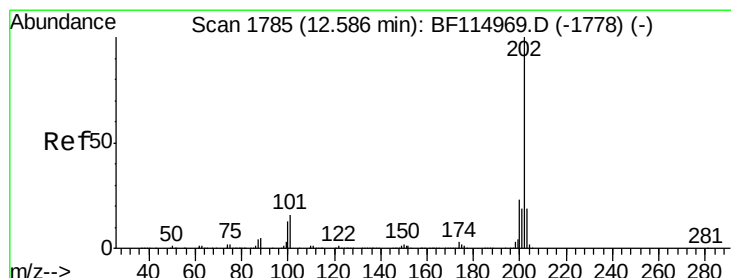
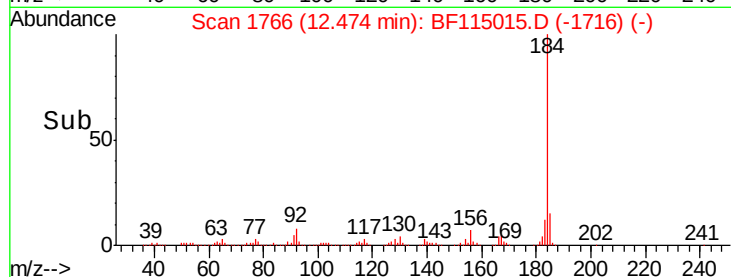
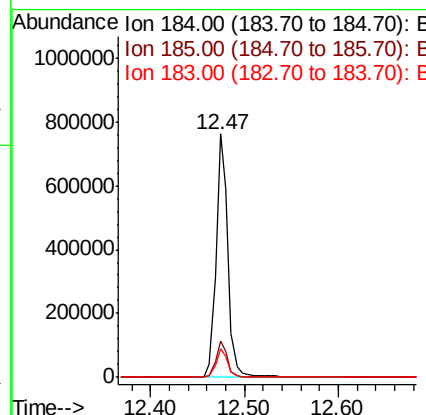
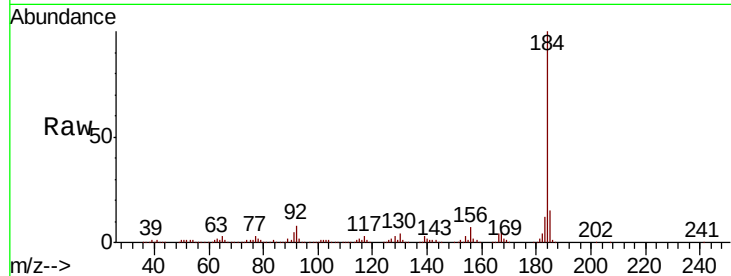
ClientSampleId :

MW-5_061219MS

Tot Ion:	184	Resp:	687031
Ion Ratio	Lower	Upper	
184	100		
185	15.0	13.4	20.0
183	11.7	9.8	14.6

Manual Integrations
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#78

Pyrene

Concen: 48.071 ng

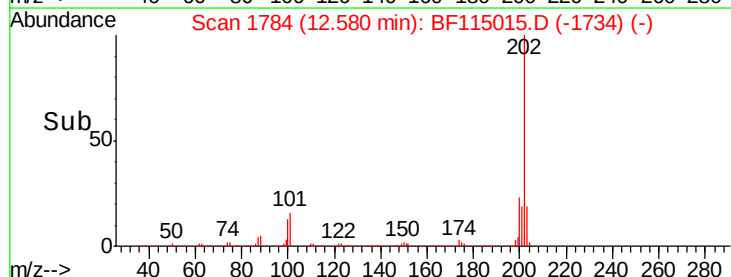
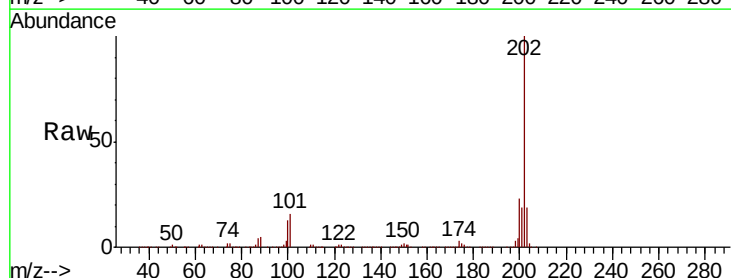
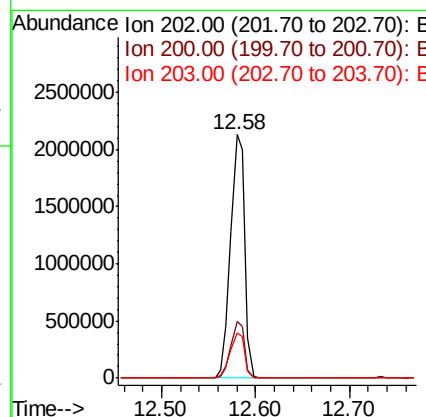
RT: 12.58 min Scan# 1784

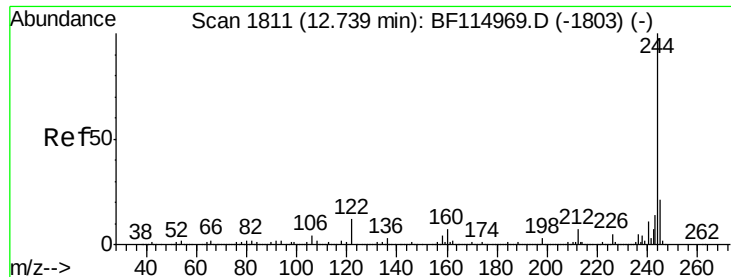
Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Tgt Ion:	202	Resp:	2237426
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.4	27.6
203	18.6	14.9	22.3





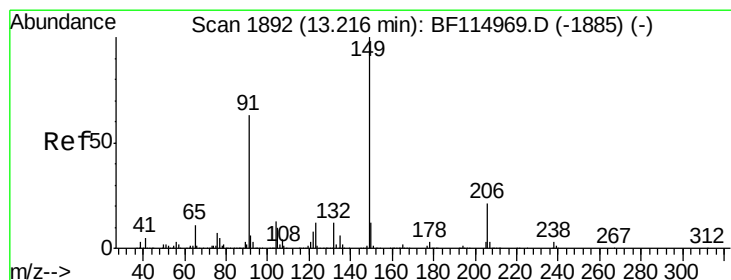
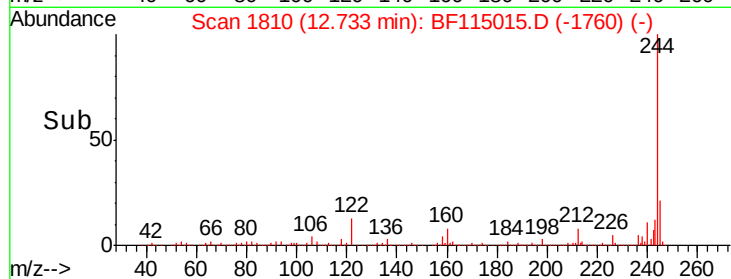
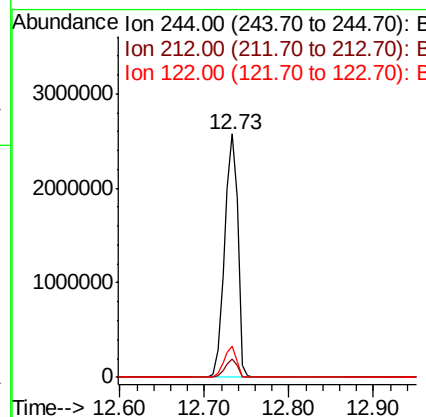
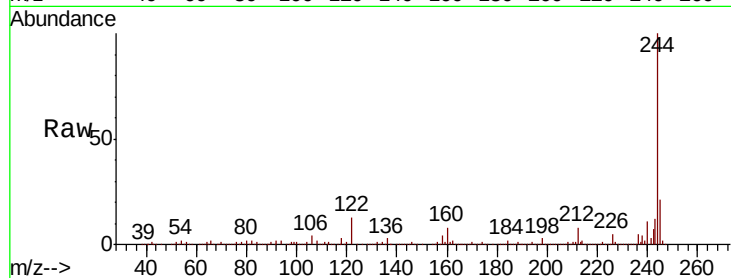
#79
 Terphenyl-d14
 Concen: 104.391 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	12.6	9.4	14.0

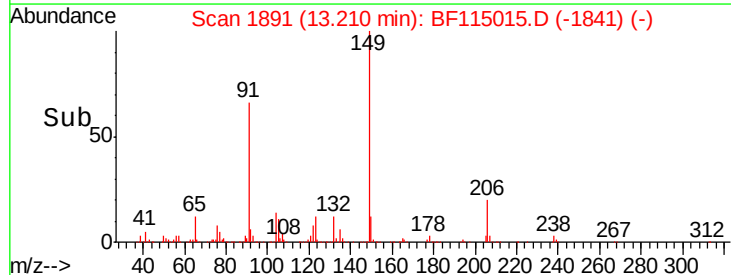
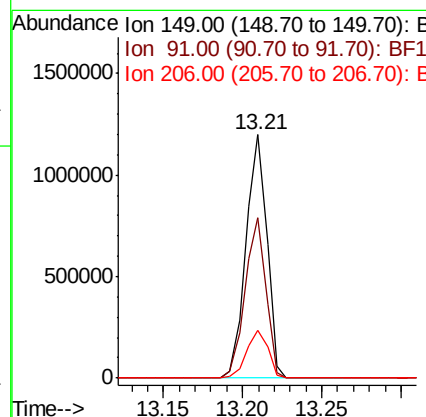
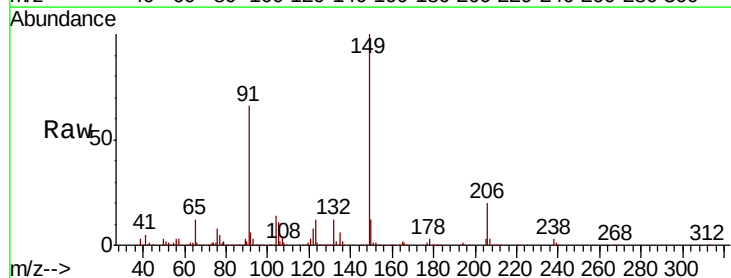
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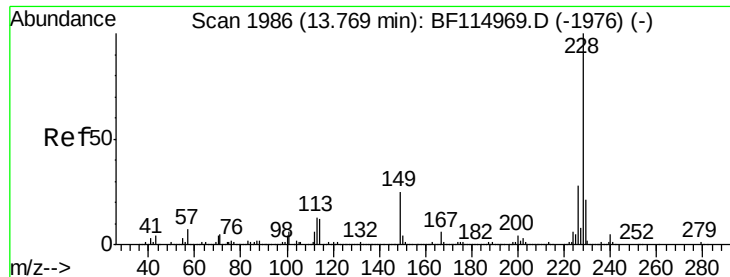
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.225 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.01 min
 Lab File: BF115015.D
 Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	50.6	76.0
206	19.9	16.7	25.1





#81

Benzo(a)anthracene

Concen: 46.169 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

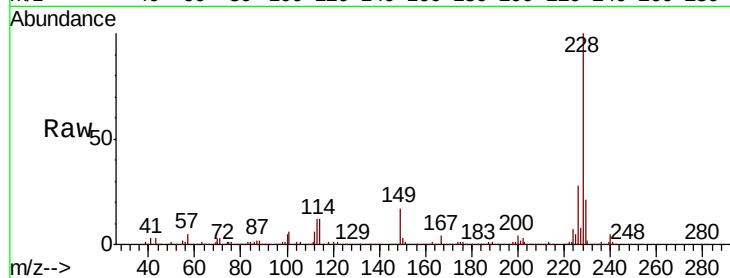
ClientSampleId :

MW-5_061219MS

Tot Ion:	228	Resp:	1765205
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.0	33.0
229	20.6	16.6	25.0

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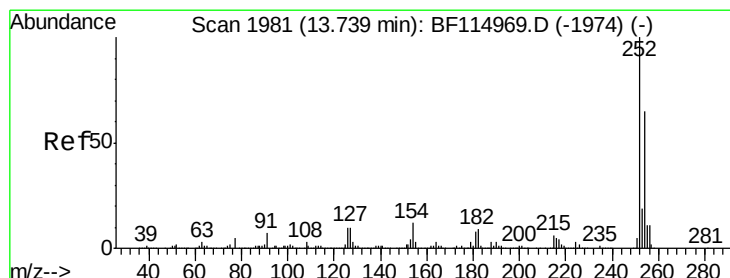
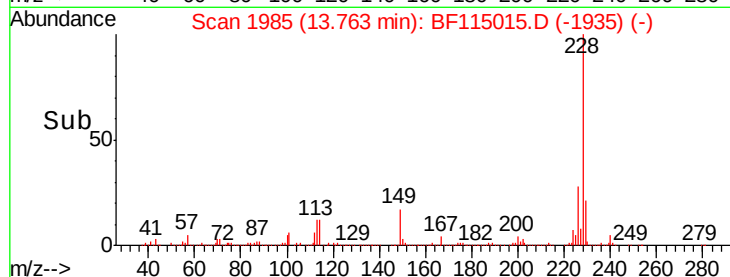
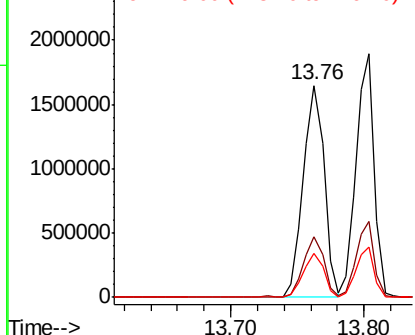


Abundance

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: 32.693 ng

RT: 13.73 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

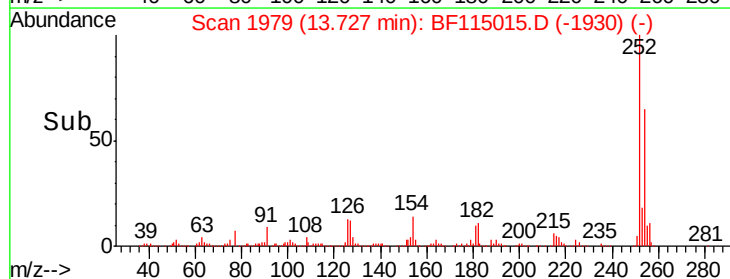
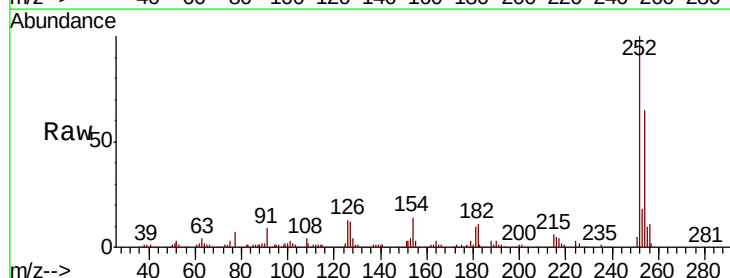
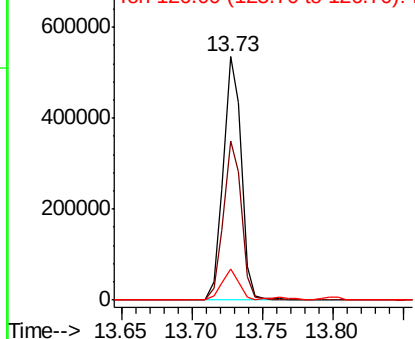
Tgt Ion:	252	Resp:	479225
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.4
126	12.8	8.0	12.0#

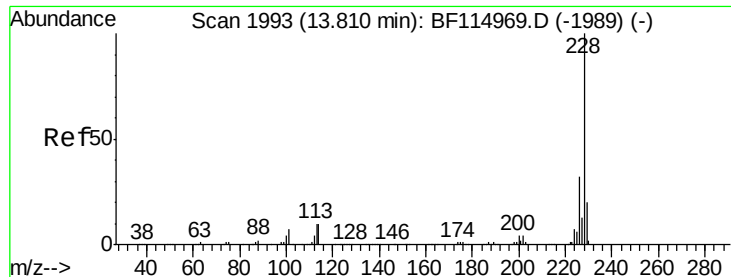
Abundance

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





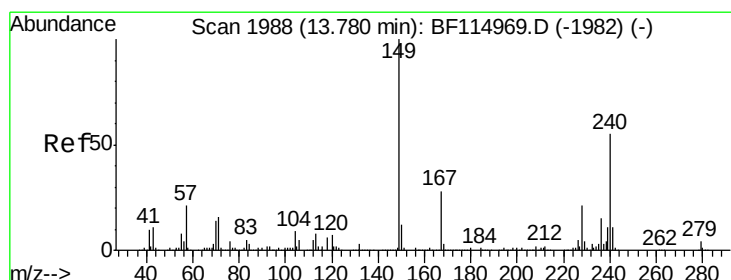
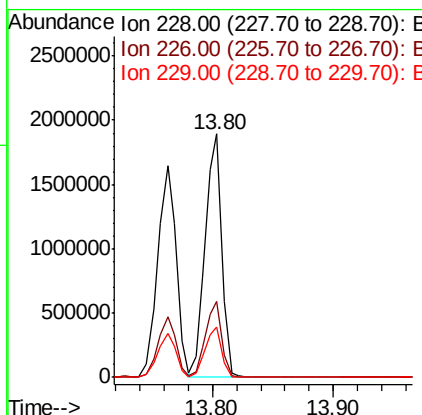
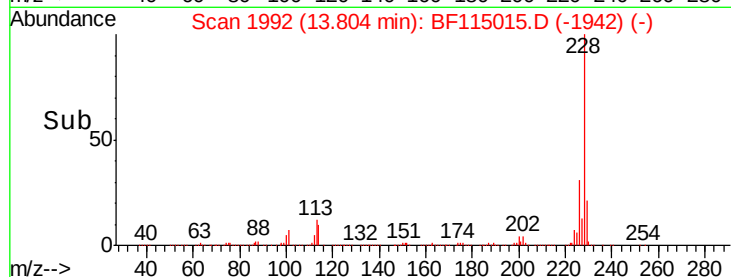
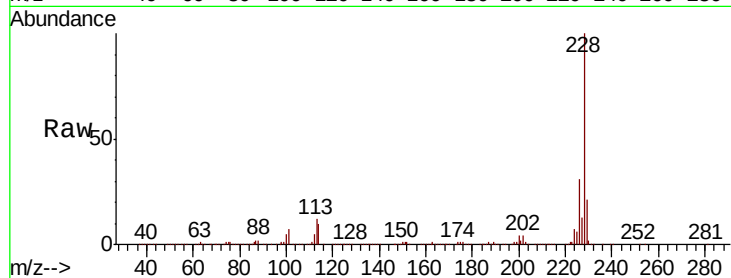
#83
Chrysene
Concen: 47.398 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.7	16.4	24.6

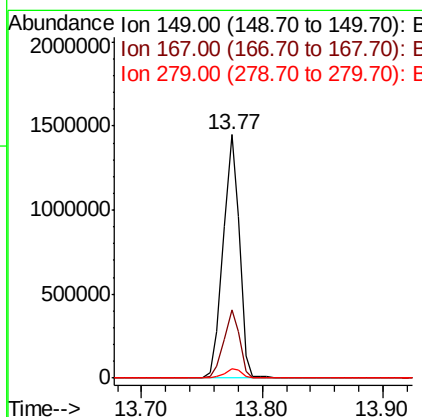
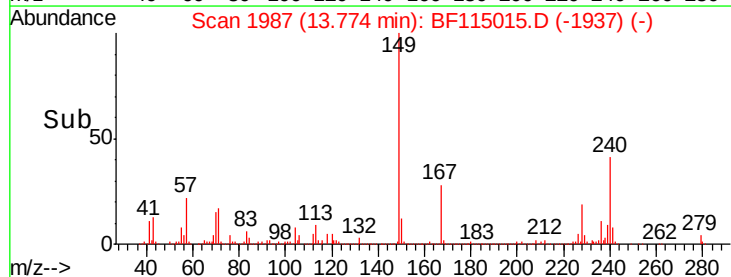
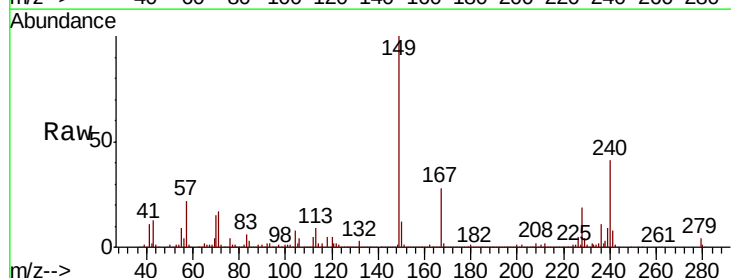
Manual Integrations
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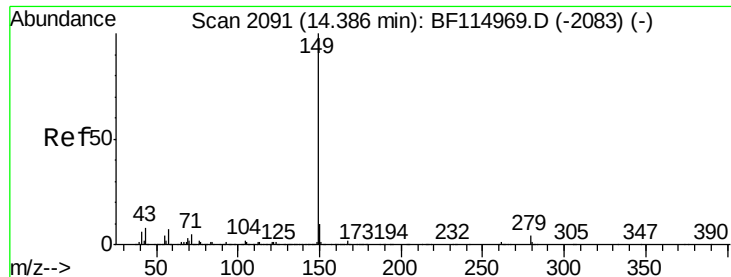
mohammad
6/14/2019 8:47:25 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.986 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 51.087 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

Instrument :

BNA_F

ClientSampleId :

MW-5_061219MS

Tot Ion:149 Resp: 2260398

Ion Ratio Lower Upper

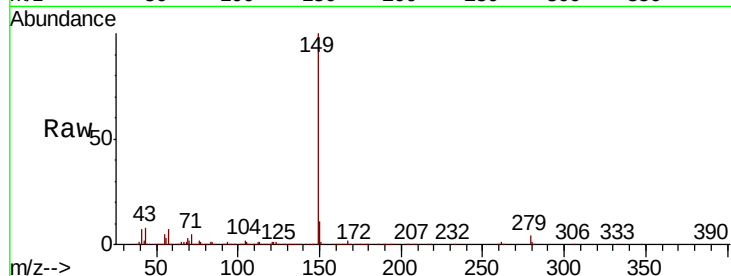
149 100

167 1.6 1.3 1.9

43 7.9 6.5 9.7

Manual Integrations
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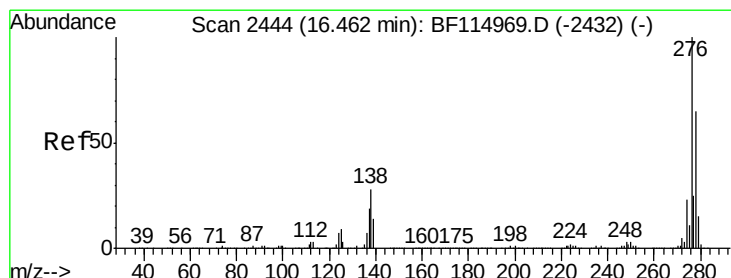
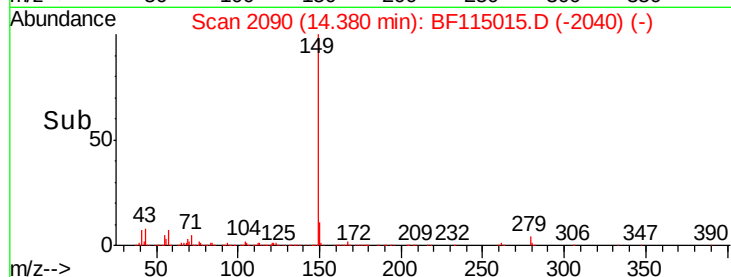
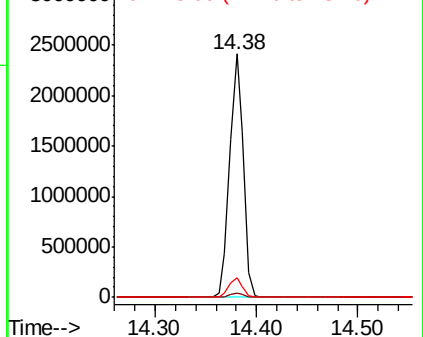
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.223 ng

RT: 16.45 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BF115015.D

Acq: 13 Jun 2019 21:23

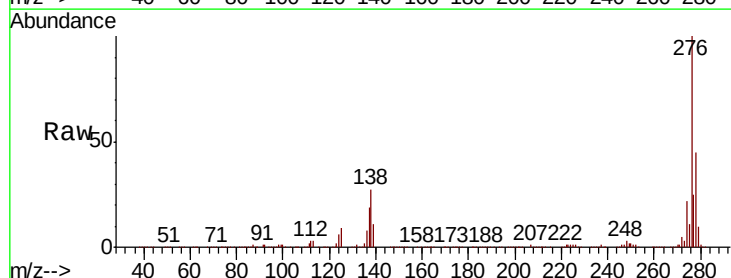
Tgt Ion:276 Resp: 1577115

Ion Ratio Lower Upper

276 100

138 29.0 23.0 34.4

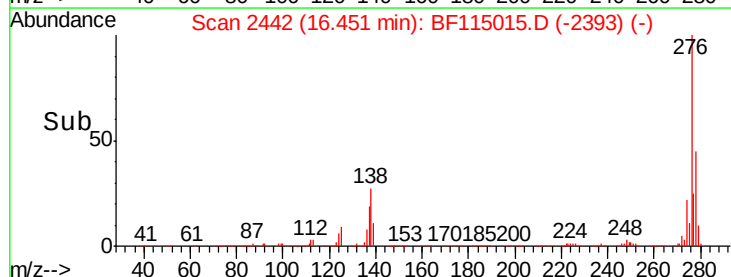
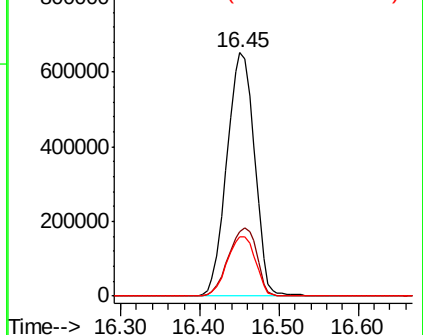
277 25.2 20.6 30.8

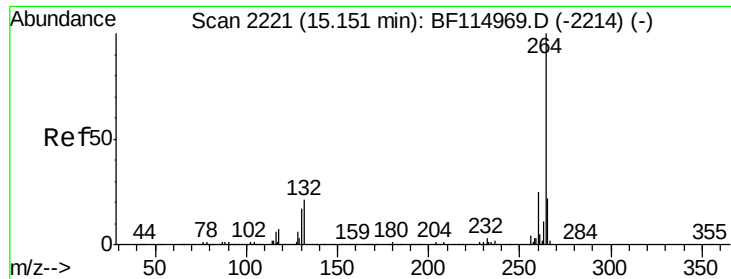


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





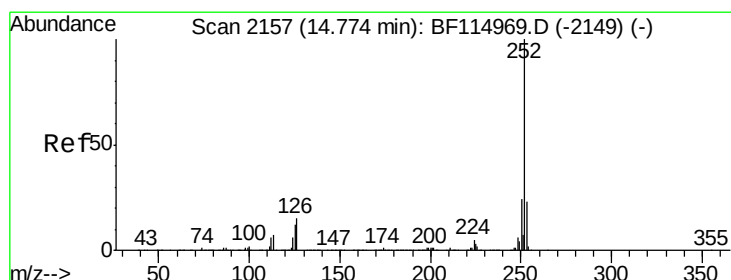
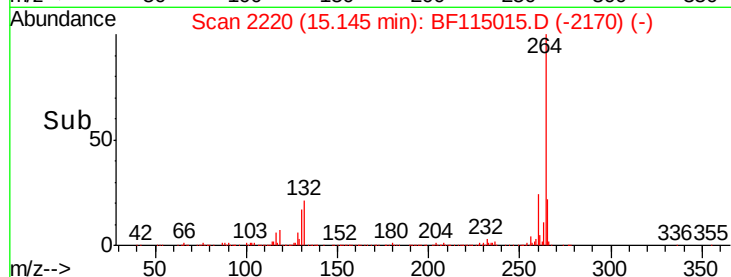
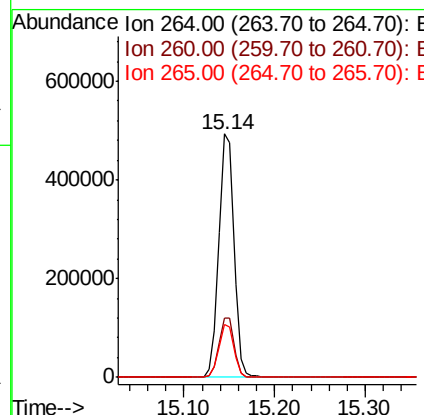
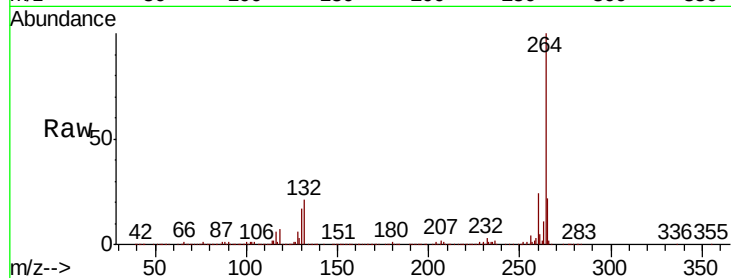
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	21.6	17.6	26.4

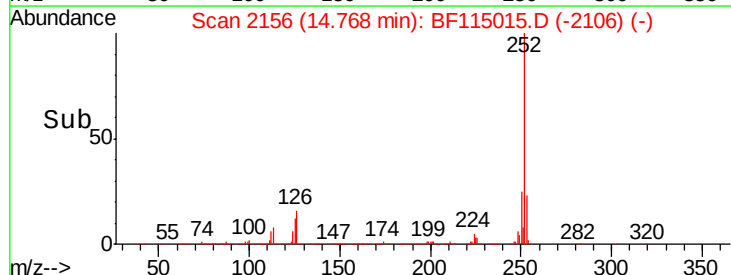
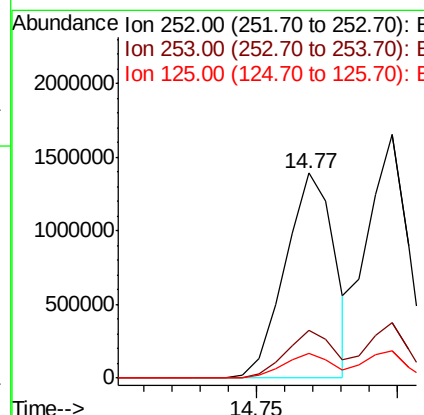
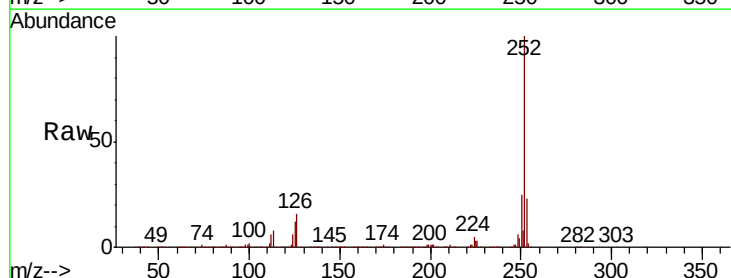
Manual Integrations
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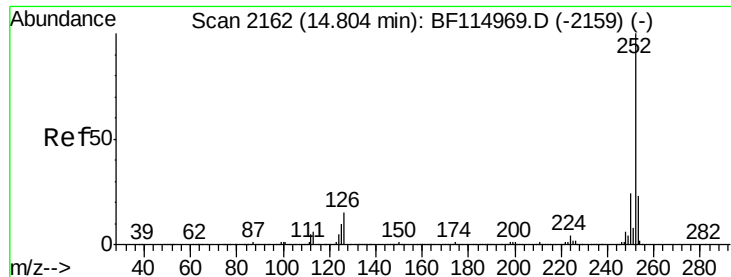
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.292 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.1	9.4	14.0





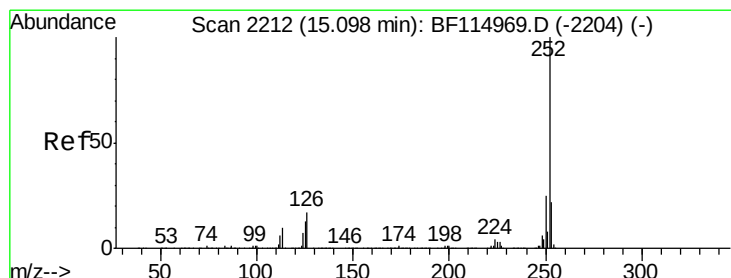
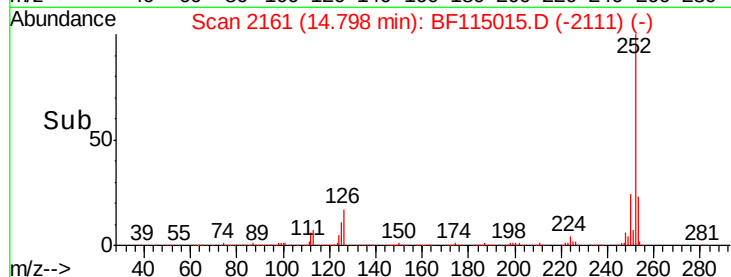
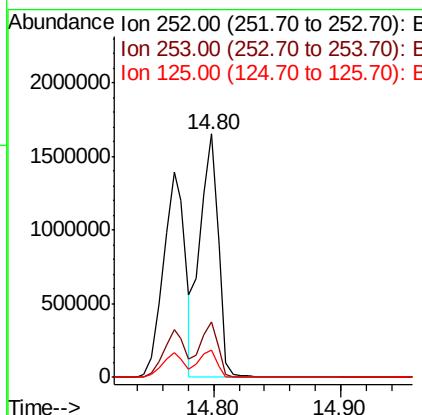
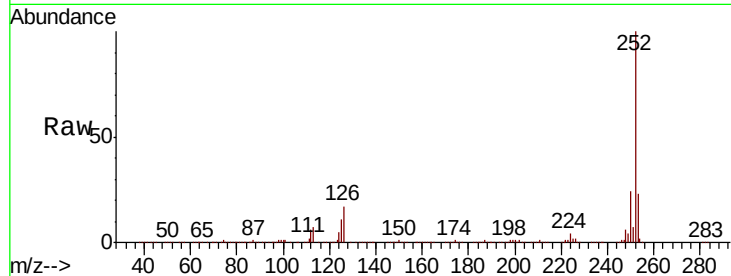
#89
Benzo(k)fluoranthene
Concen: 48.856 ng
RT: 14.80 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	11.3	8.2	12.4

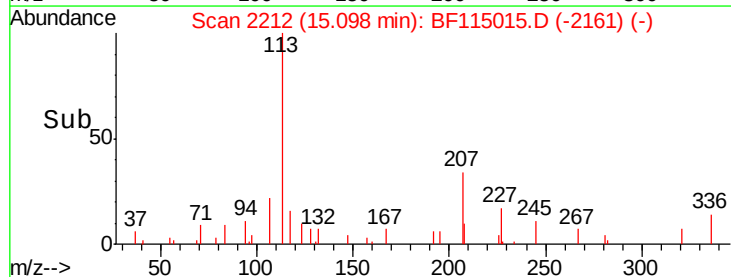
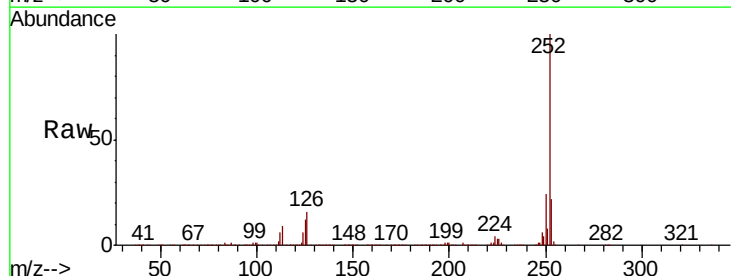
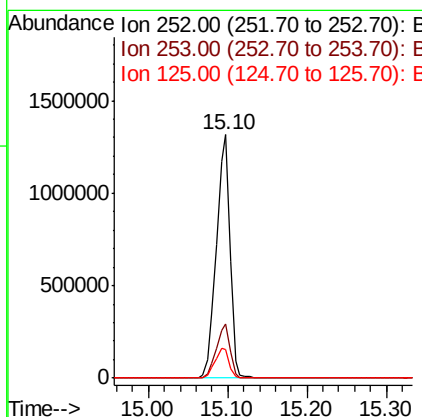
Manual Integrations
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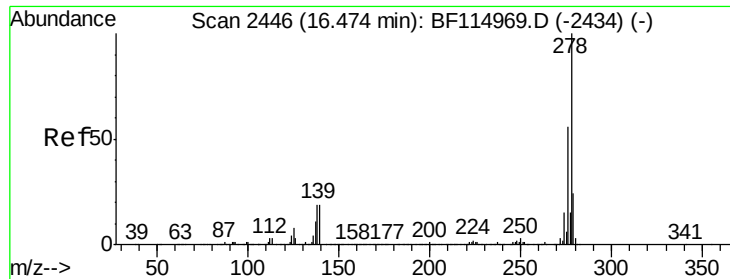
mohammad
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#90
Benzo(a)pyrene
Concen: 47.825 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.0	10.7	16.1





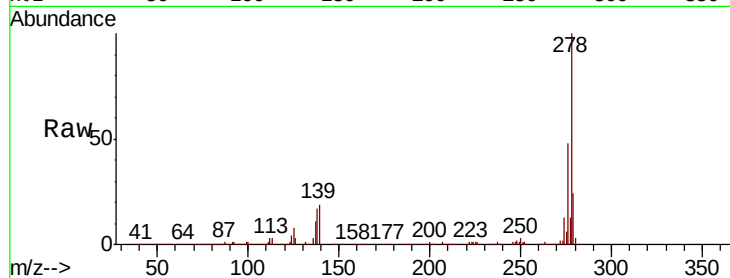
#91
Dibenzo(a,h)anthracene
Concen: 46.558 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Instrument :
BNA_F
ClientSampleId :
MW-5_061219MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.3	22.9
279	23.8	19.2	28.8

Manual Integrations
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6/14/2019 8:47:25 AM

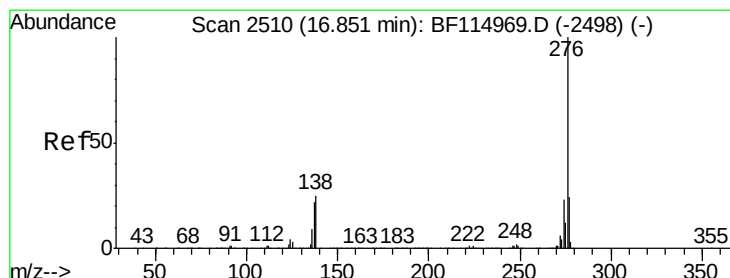
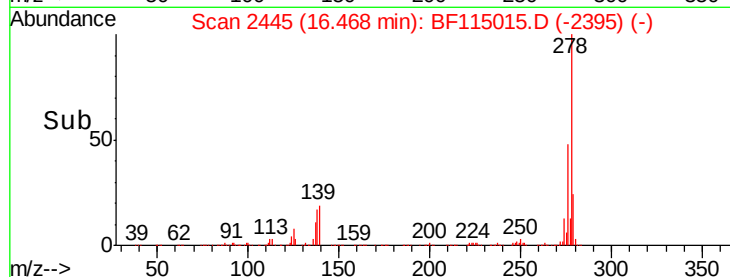
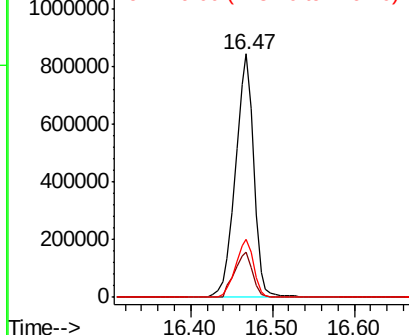


Abundance

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: 44.732 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BF115015.D
Acq: 13 Jun 2019 21:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	24.8	20.2	30.4

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

