

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119904.D
 Acq On : 10 Apr 2020 19:33
 Operator : MA/SJ
 Sample : L2178-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Manual Integrations
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mohammad
 4/14/2020 3:39:16 PM

Quant Time: Apr 11 02:28:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 10 13:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	189075	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	725374	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	378634	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	710486	20.00	ng	0.00
76) Chrysene-d12	13.93	240	434382	20.00	ng	0.00
87) Perylene-d12	15.36	264	382960	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	823248	75.25	ng	0.00
7) Phenol-d6	6.39	99	661590	46.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	1477034	105.34	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	685761	147.93	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2724536	102.16	ng	0.00
79) Terphenyl-d14	12.87	244	2567742	99.47	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.49	88	90017	18.473 ng	98
3) Pyridine	3.20	79	203549	15.225 ng	99
4) n-Nitrosodimethylamine	3.13	42	147864	21.646 ng	92
6) Aniline	6.42	93	349751	18.902 ng	98
8) 2-Chlorophenol	6.54	128	597861	48.908 ng	100
9) Benzaldehyde	6.30	77	411820	Below Cal	99
10) Phenol	6.40	94	292410	18.283 ng	94
11) bis(2-Chloroethyl)ether	6.49	93	693742	56.178 ng	97
12) 1,3-Dichlorobenzene	6.69	146	674710	50.415 ng	99
13) 1,4-Dichlorobenzene	6.77	146	690120	50.622 ng	99
14) 1,2-Dichlorobenzene	6.93	146	649296	51.679 ng	97
15) Benzyl Alcohol	6.90	79	373196	34.083 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1248479	51.954 ng	97
17) 2-Methylphenol	7.02	107	395718	36.274 ng	94
18) Hexachloroethane	7.27	117	256613	50.366 ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	520467	57.412 ng	99
20) 3+4-Methylphenols	7.17	107	424021	31.780 ng	# 71
22) Acetophenone	7.17	105	980129	57.702 ng	# 96
24) Nitrobenzene	7.35	77	787980	55.866 ng	96
25) Isophorone	7.58	82	1459291	53.990 ng	99
26) 2-Nitrophenol	7.66	139	395807	56.168 ng	98
27) 2,4-Dimethylphenol	7.70	122	546122	51.385 ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	912490	57.371 ng	99
29) 2,4-Dichlorophenol	7.90	162	567763	52.117 ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	625647	50.686 ng	100
31) Naphthalene	8.06	128	1999098	52.382 ng	99
32) Benzoic acid	7.79	122	121221	12.987 ng	98
33) 4-Chloroaniline	8.11	127	225981	13.602 ng	97
34) Hexachlorobutadiene	8.18	225	350393	47.421 ng	98
35) Caprolactam	8.50	113	28032m	8.412 ng	
36) 4-Chloro-3-methylphenol	8.59	107	581022	49.262 ng	97
37) 2-Methylnaphthalene	8.76	142	1410344	54.508 ng	99
38) 1-Methylnaphthalene	8.86	142	1316962	54.002 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	604989	50.589 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	656116	96.484	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	451023	54.616	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	460148	49.472	nq	97
46) 1,1'-Biphenyl	9.22	154	1674871	52.407	nq	98
47) 2-Chloronaphthalene	9.25	162	1297297	52.694	nq	96
48) 2-Nitroaniline	9.35	65	480746	53.885	nq	98
49) Acenaphthylene	9.66	152	2032625	54.288	nq	99
50) Dimethylphthalate	9.53	163	1663412	56.797	nq	99
51) 2,6-Dinitrotoluene	9.59	165	359821	56.105	nq	# 83
52) Acenaphthene	9.83	154	1481651m	59.323	nq	
53) 3-Nitroaniline	9.75	138	131810	17.995	nq	96
54) 2,4-Dinitrophenol	9.87	184	427648	111.377	nq	96
55) Dibenzofuran	10.00	168	1818210	53.050	nq	97
56) 4-Nitrophenol	9.92	139	196754	36.102	nq	93
57) 2,4-Dinitrotoluene	9.99	165	470685	55.705	nq	93
58) Fluorene	10.35	166	1412081	51.517	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	391177	54.990	nq	99
60) Diethylphthalate	10.23	149	1581630	52.106	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	683385	48.644	nq	96
62) 4-Nitroaniline	10.37	138	328097	47.002	nq	98
63) Azobenzene	10.50	77	1497074	55.034	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	271160	57.931	nq	86
66) n-Nitrosodiphenylamine	10.46	169	1303023	55.146	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	457105	51.734	nq	96
68) Hexachlorobenzene	10.90	284	485328	54.146	nq	99
69) Atrazine	11.00	200	390516	59.401	nq	98
70) Pentachlorophenol	11.09	266	529468	102.503	nq	98
71) Phenanthrene	11.32	178	2038441	53.909	nq	98
72) Anthracene	11.36	178	2116765	54.799	nq	99
73) Carbazole	11.52	167	1915835	52.446	nq	98
74) Di-n-butylphthalate	11.85	149	2415486	50.300	nq	99
75) Fluoranthene	12.50	202	2205918	54.067	nq	99
77) Benzidine	12.62	184	373779	25.456	nq	97
78) Pyrene	12.73	202	2159708	58.977	nq	98
80) Butylbenzylphthalate	13.35	149	928692	52.265	nq	98
81) Benzo(a)anthracene	13.92	228	1524704	53.355	nq	100
82) 3,3'-Dichlorobenzidine	13.88	252	282740	26.517	nq	95
83) Chrysene	13.96	228	1602981	55.206	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	1153473	47.936	nq	100
85) Di-n-octyl phthalate	14.53	149	1884095	45.986	nq	99
86) Indeno(1,2,3-cd)pyrene	16.77	276	1480424	57.840	nq	99
88) Benzo(b)fluoranthene	14.95	252	1442882	52.375	nq	99
89) Benzo(k)fluoranthene	14.98	252	1366299	57.480	nq	99
90) Benzo(a)pyrene	15.30	252	1252204	54.060	nq	99
91) Dibenzo(a,h)anthracene	16.79	278	1217505	59.339	nq	98
92) Benzo(g,h,i)perylene	17.20	276	1245296	61.486	nq	98

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

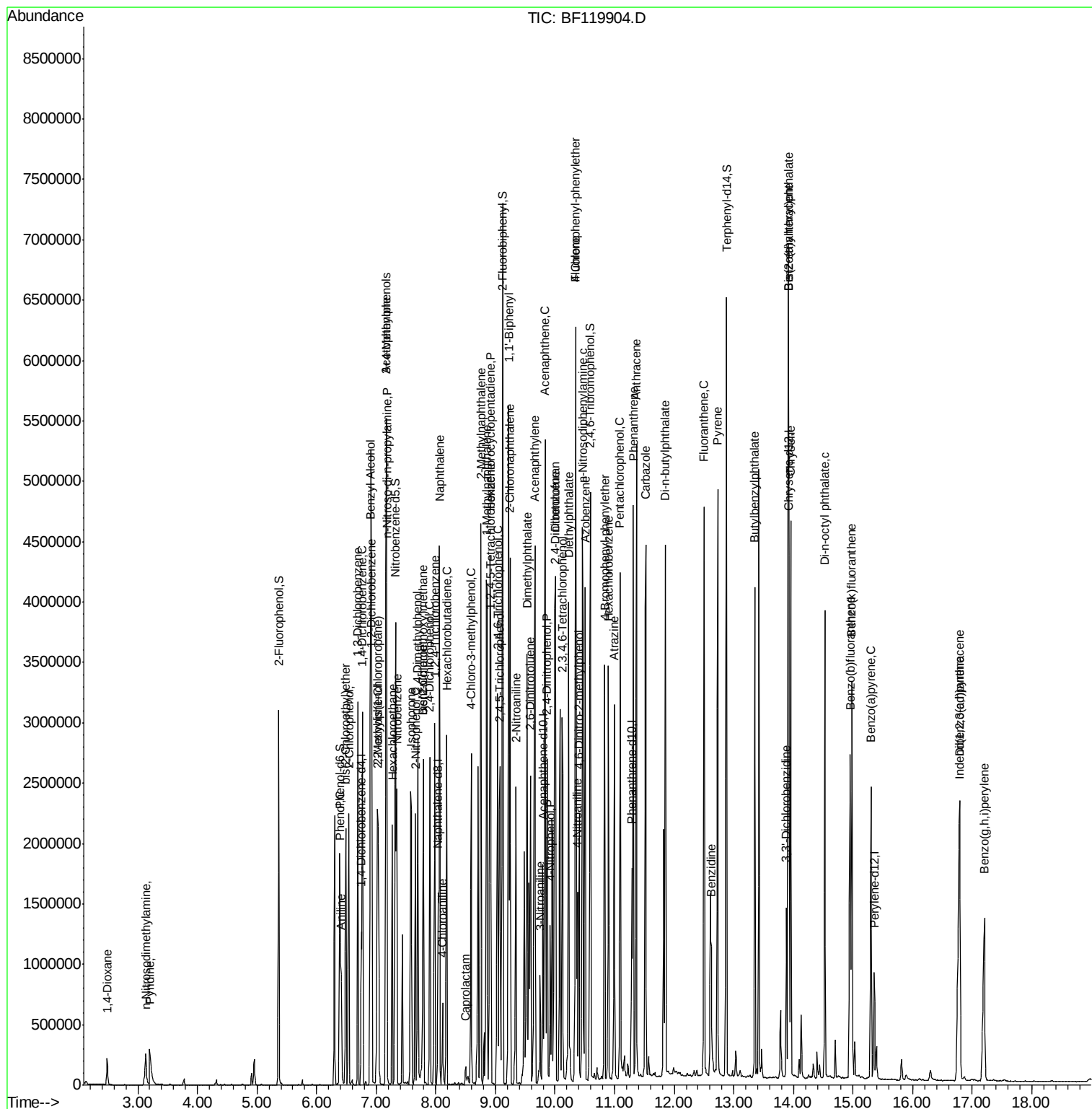
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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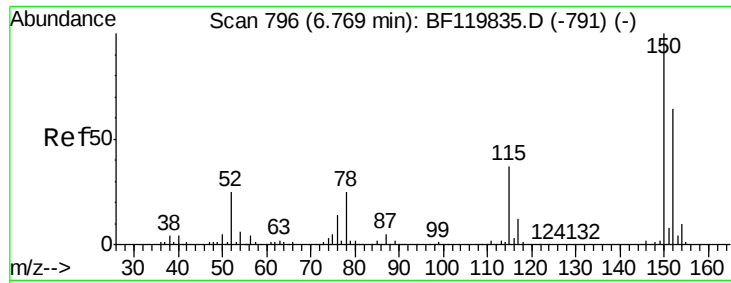
Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

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#1

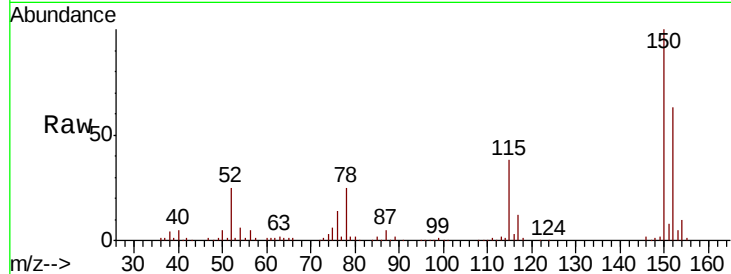
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.8	187.2
115	60.3	46.5	69.7

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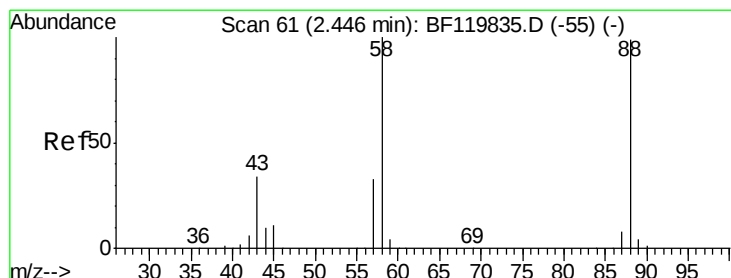
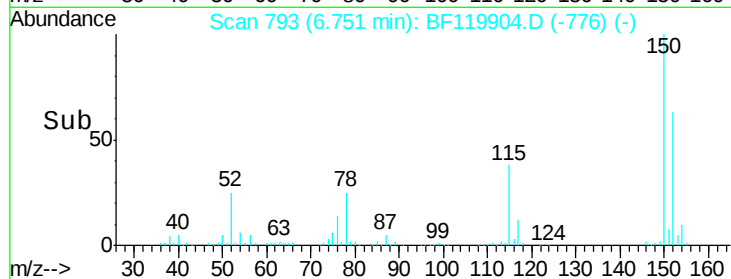
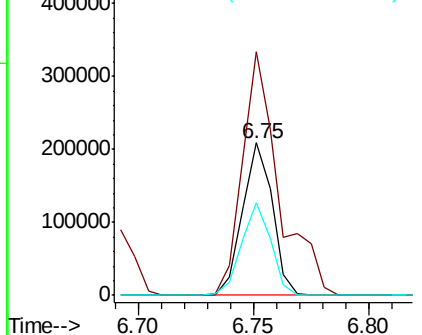


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

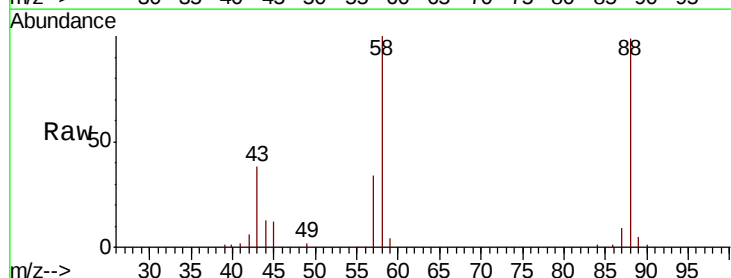
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 18.473 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.06 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.1	82.6	123.8
43	39.4	28.6	42.8

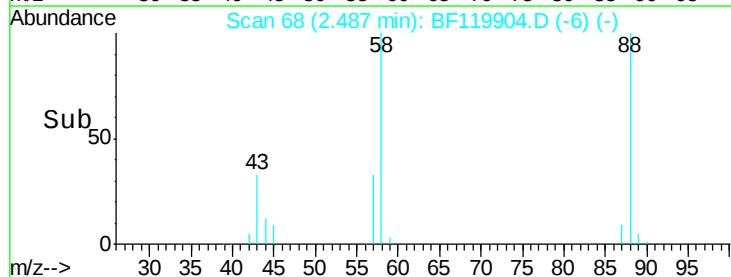
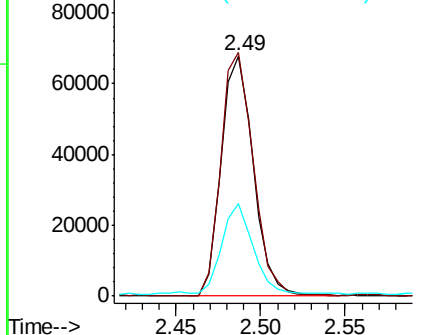


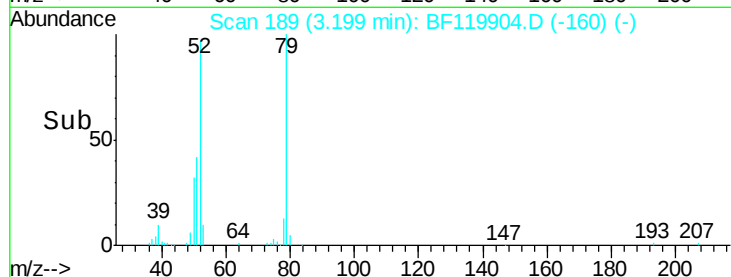
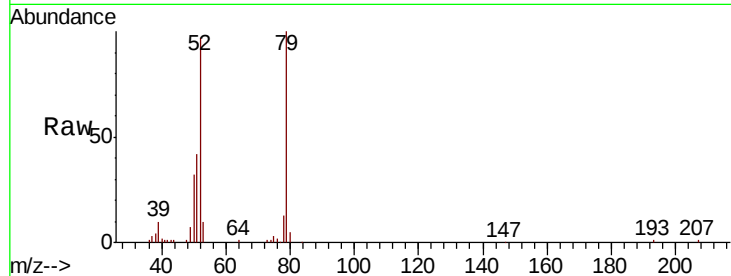
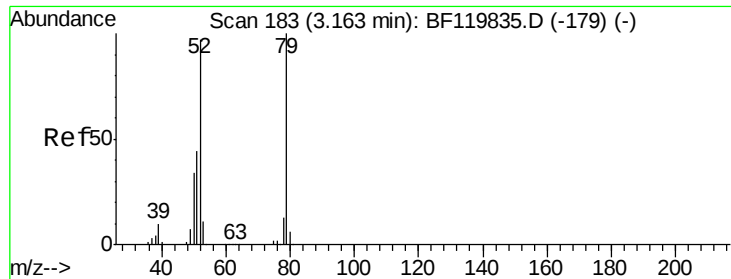
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





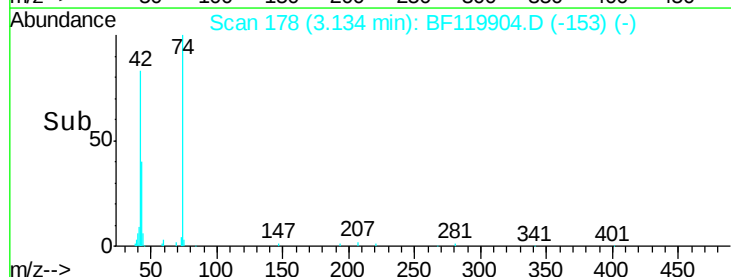
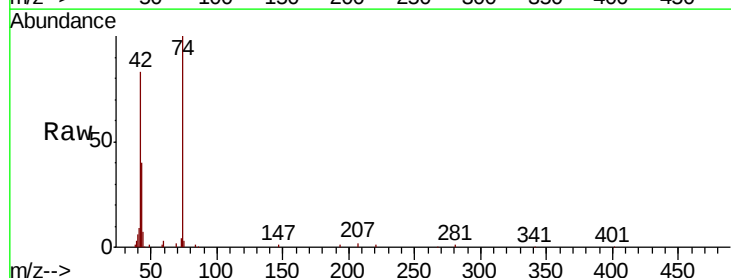
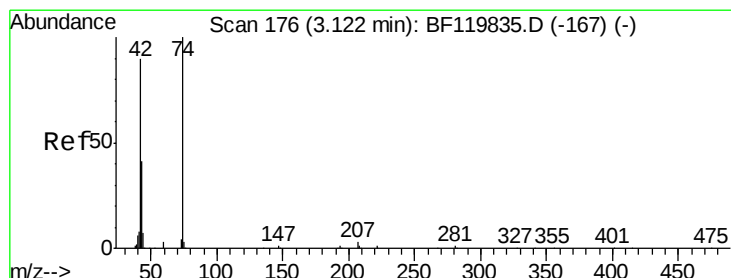
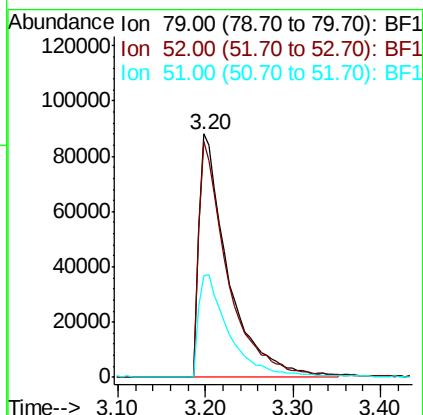
#3
 Pvridine
 Concen: 15.225 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.07 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	96.7	77.4	116.0	
51	41.6	35.3	52.9	

Instrument :
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 ClientSampleId :
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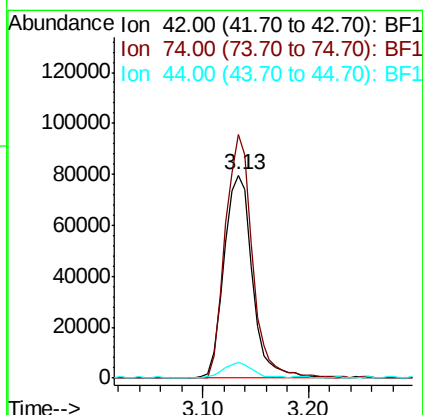
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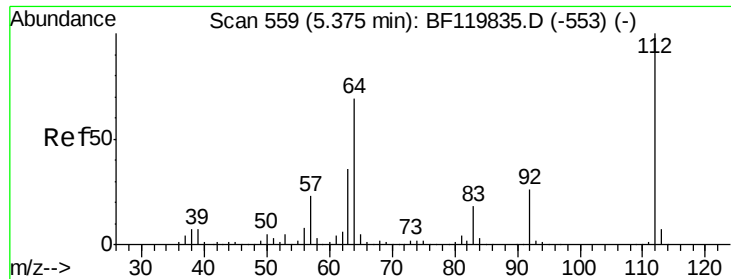
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#4
 n-Nitrosodimethylamine
 Concen: 21.646 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.05 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	119.9	89.0	133.4	
44	8.0	6.2	9.4	





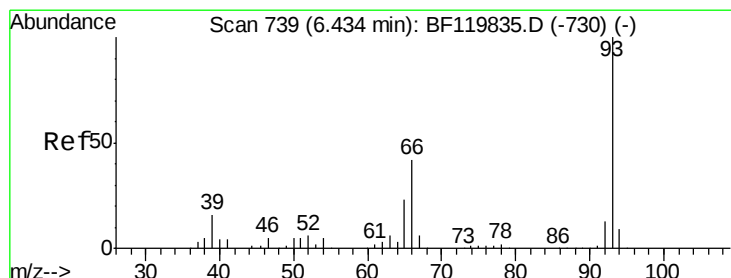
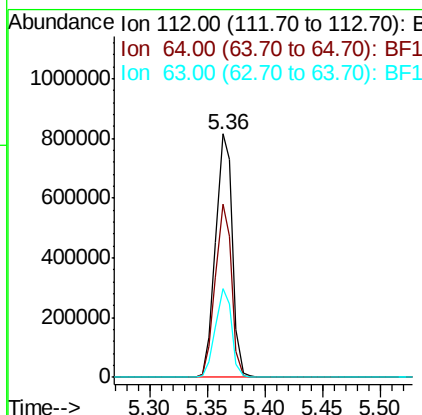
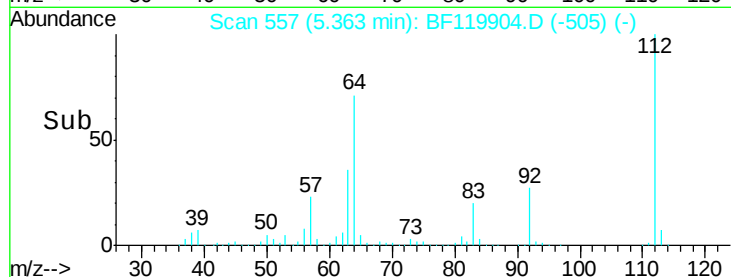
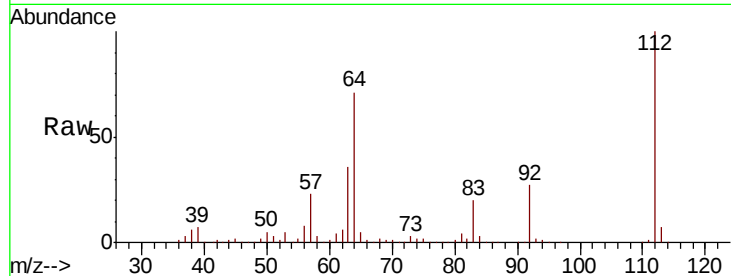
#5
2-Fluorophenol
Concen: 75.247 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	823248		
64	71.0	55.5	83.3	
63	36.3	29.1	43.7	

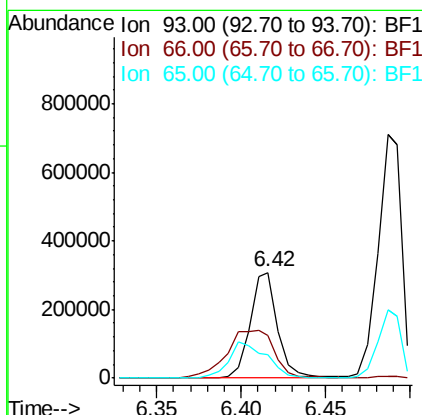
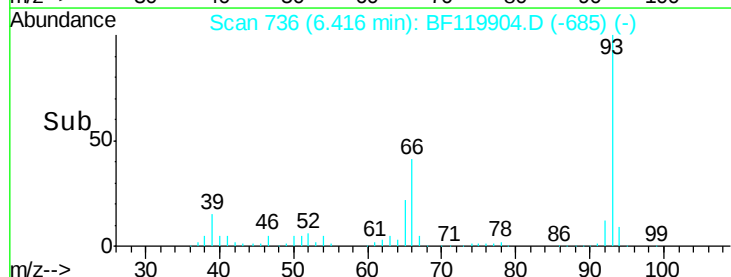
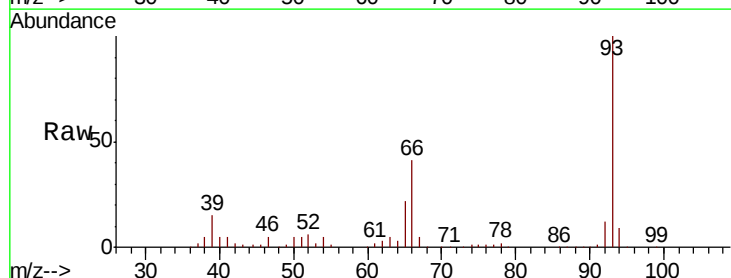
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#6
Aniline
Concen: 18.902 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	349751		
66	40.9	34.2	51.2	
65	22.2	18.3	27.5	





#7

Phenol-d6

Concen: 46.929 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

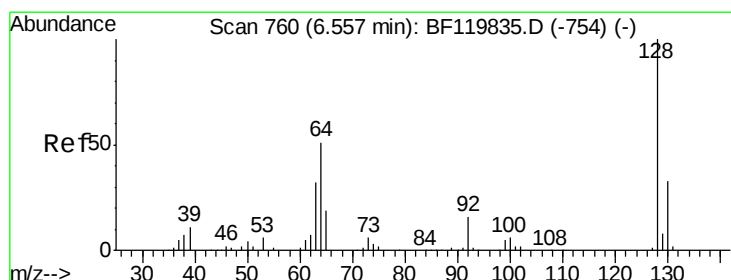
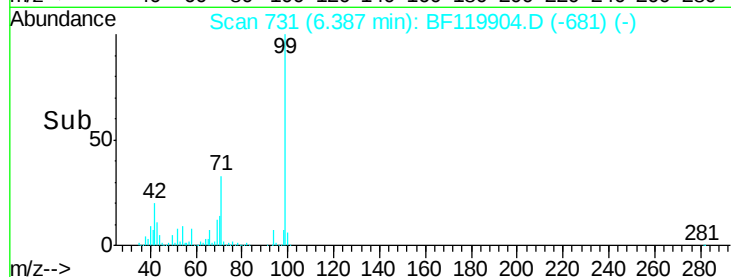
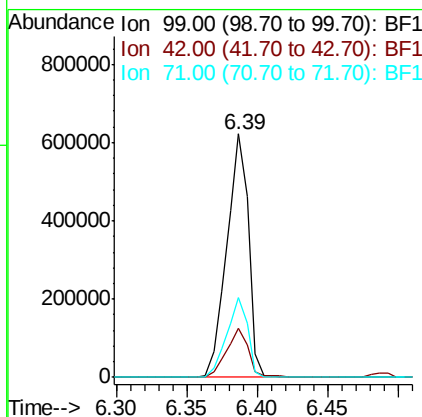
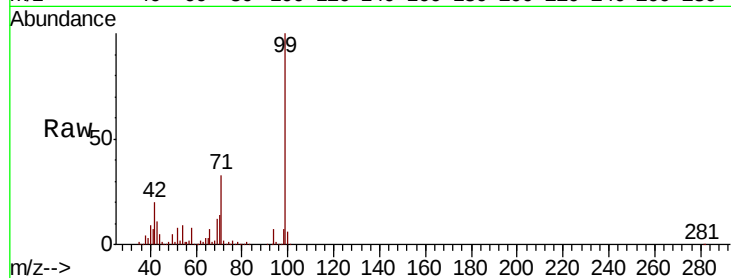
ClientSampleId :

MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		661590		
42	20.2	16.9	25.3		
71	32.8	26.3	39.5		

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#8

2-Chlorophenol

Concen: 48.908 ng

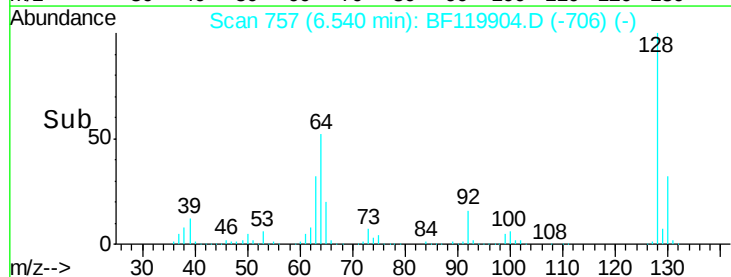
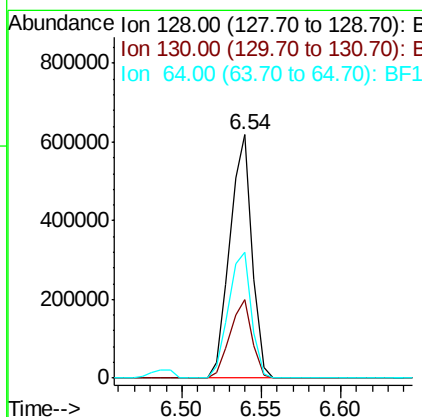
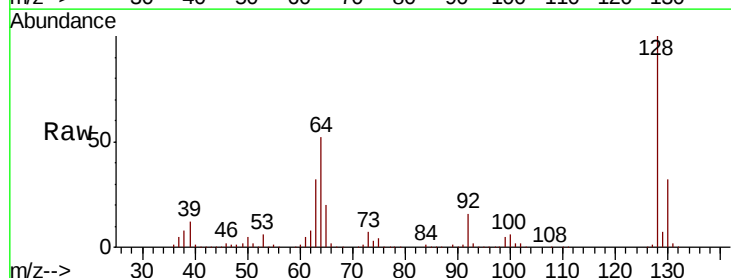
RT: 6.54 min Scan# 757

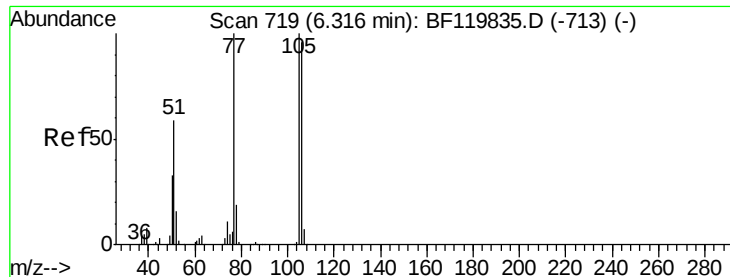
Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		597861		
130	32.5	12.6	52.6		
64	51.6	32.0	72.0		





#9

Benzaldehyde

Concen: Below Cal

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

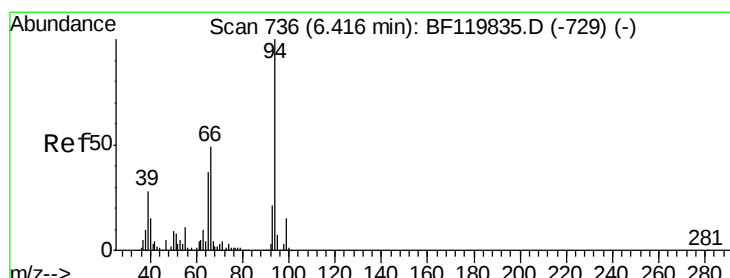
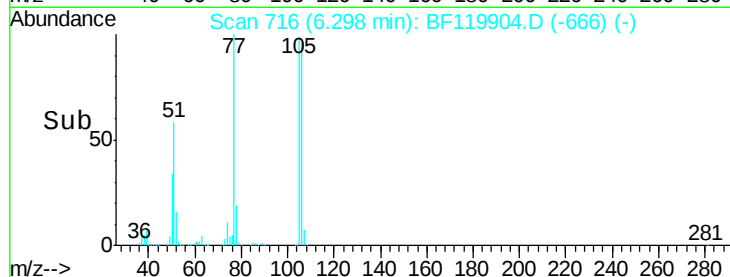
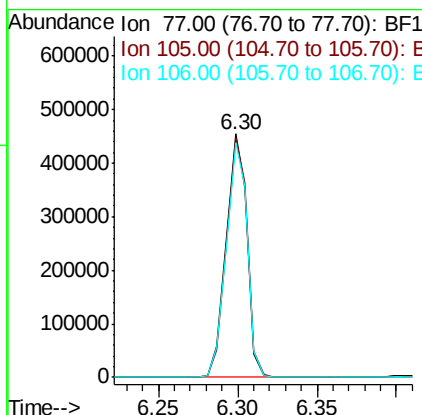
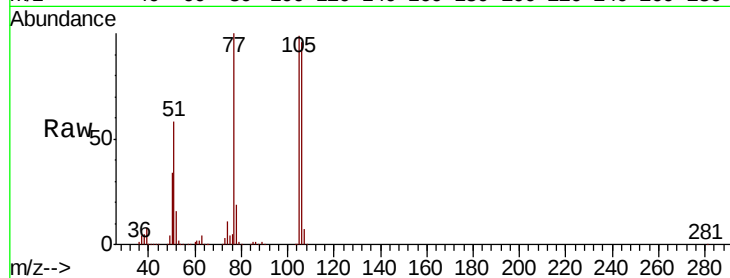
ClientSampleId :

MW-1DMSD

Tot Ion:	77	Resp:	411820
Ion	Ratio	Lower	Upper
77	100		
105	98.7	79.9	119.9
106	96.2	76.4	116.4

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#10

Phenol

Concen: 18.283 ng

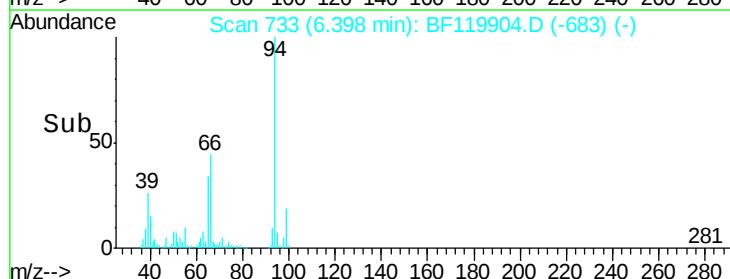
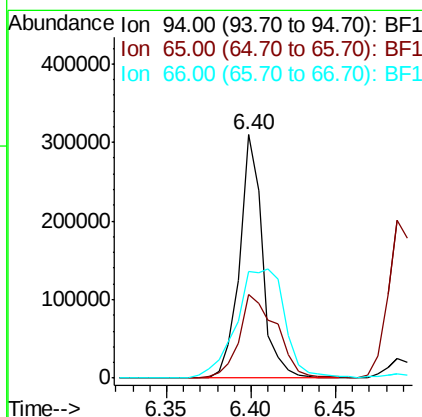
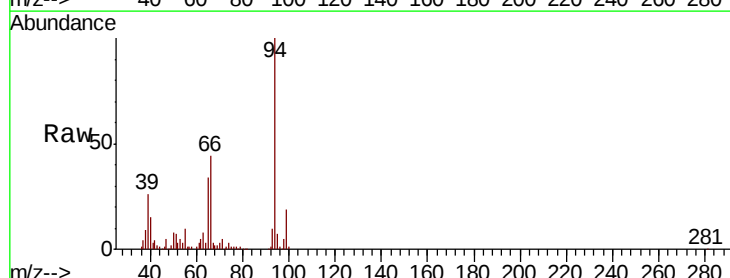
RT: 6.40 min Scan# 733

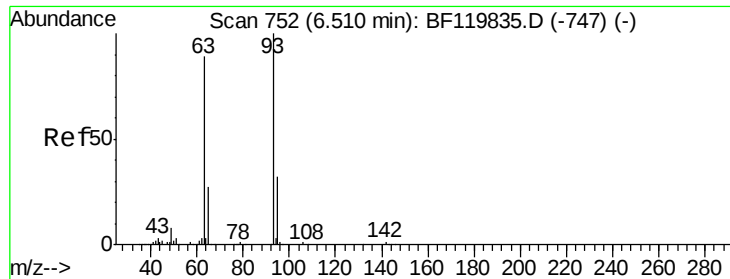
Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:	94	Resp:	292410
Ion	Ratio	Lower	Upper
94	100		
65	34.1	16.6	56.6
66	44.0	29.3	69.3





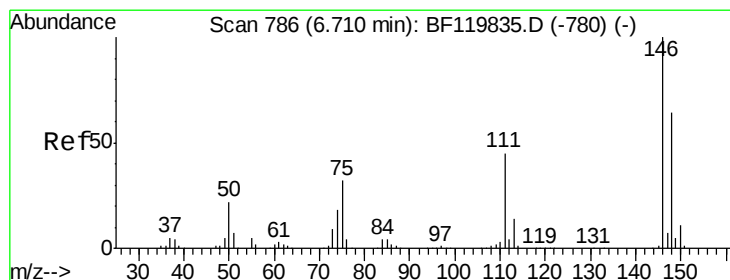
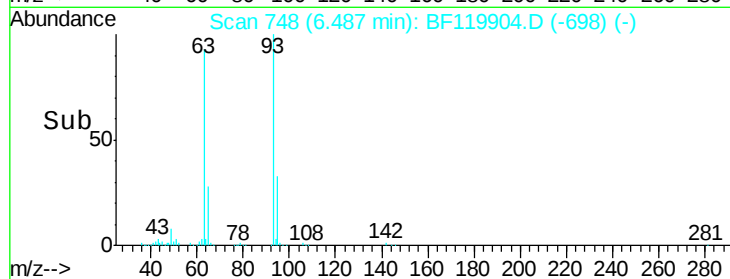
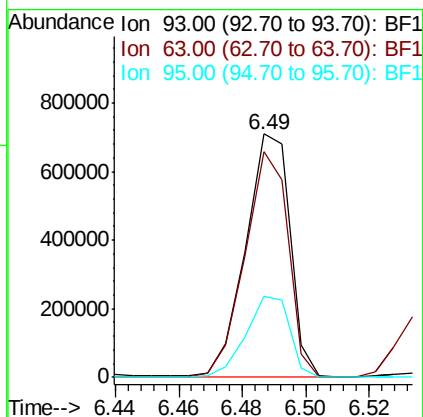
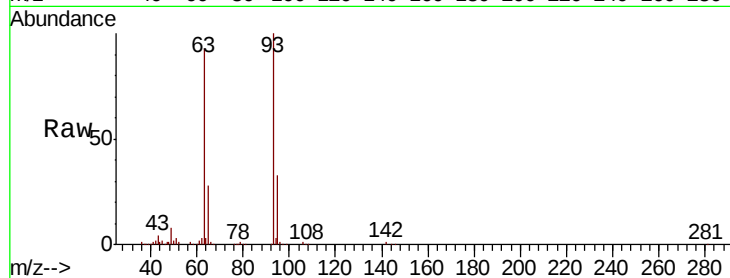
#11
bis(2-Chloroethyl)ether
Concen: 56.178 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion:	93	Resp:	693742
Ion Ratio	Lower	Upper	
93	100		
63	92.7	69.1	109.1
95	33.4	12.3	52.3

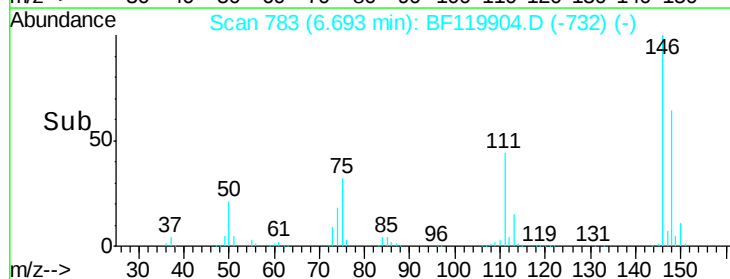
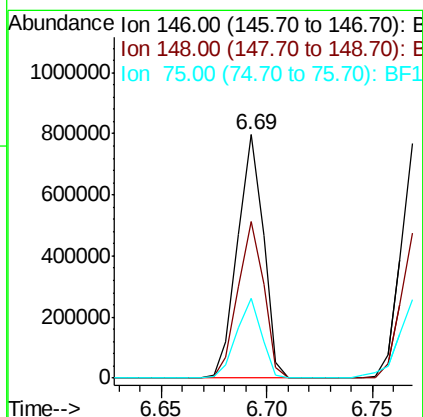
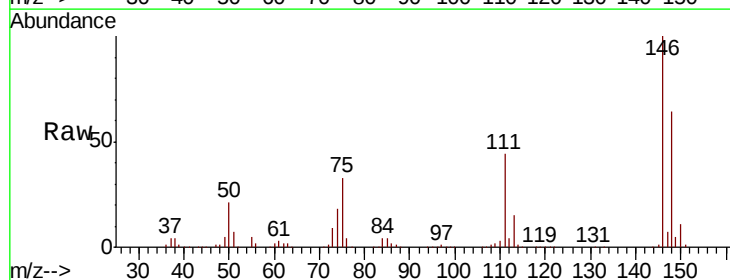
Manual Integrations
APPROVED

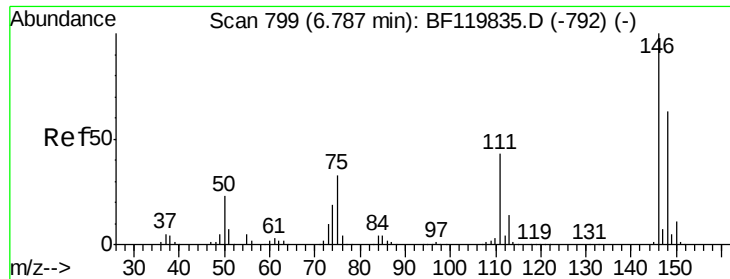
mohammad
4/14/2020 3:39:16 PM



#12
1,3-Dichlorobenzene
Concen: 50.415 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:	146	Resp:	674710
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.3	76.9
75	32.6	25.3	37.9





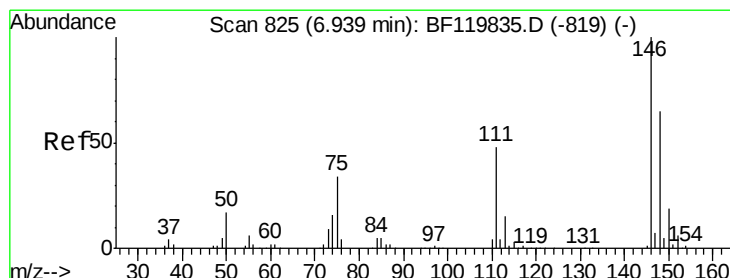
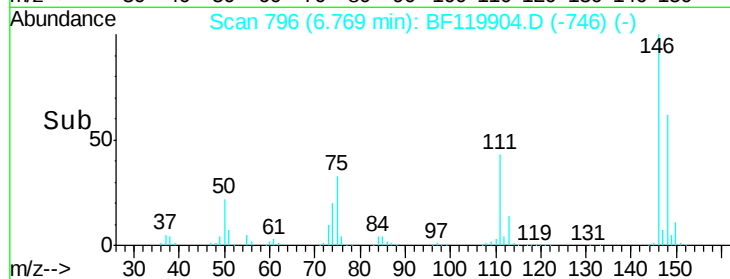
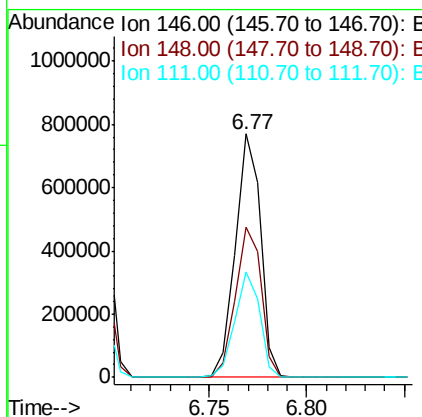
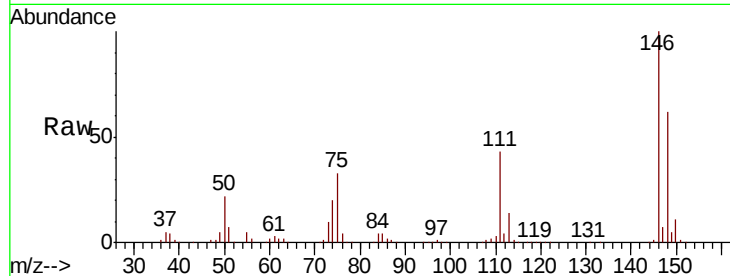
#13
 1,4-Dichlorobenzene
 Concen: 50.622 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.5	75.7
111	43.3	34.7	52.1

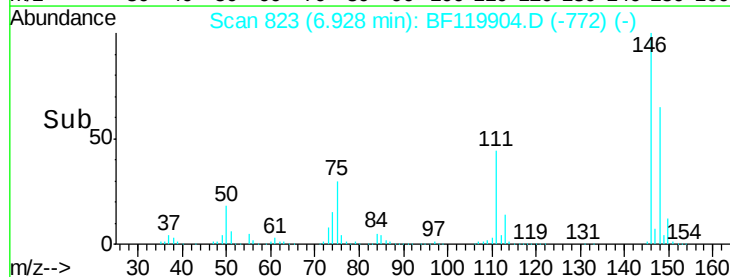
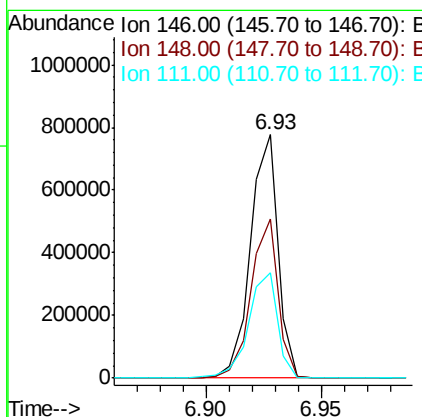
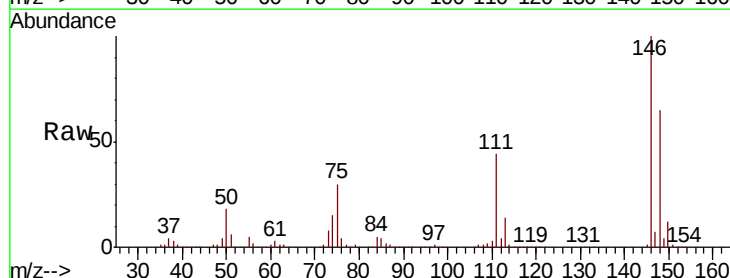
Manual Integrations
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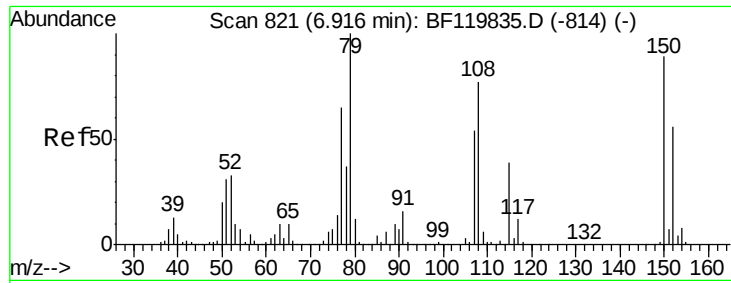
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 51.679 ng
 RT: 6.93 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
111	43.5	38.0	57.0





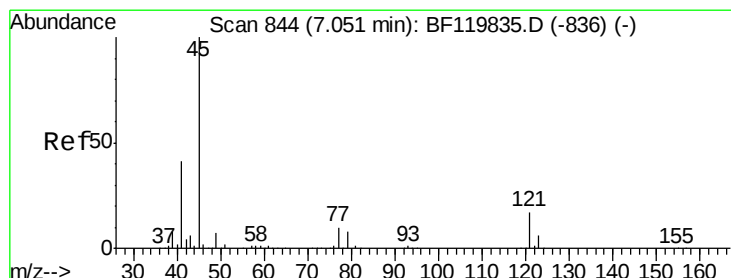
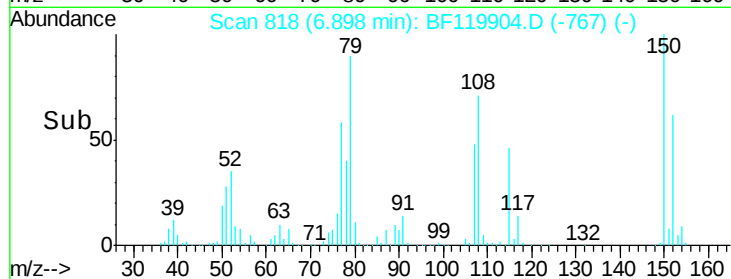
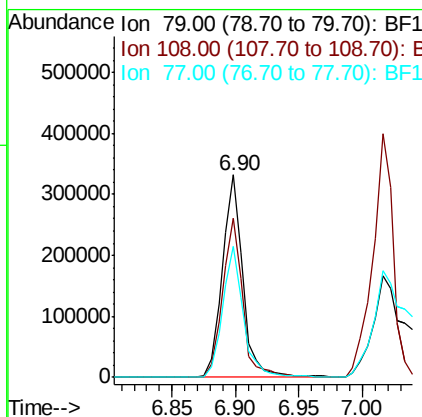
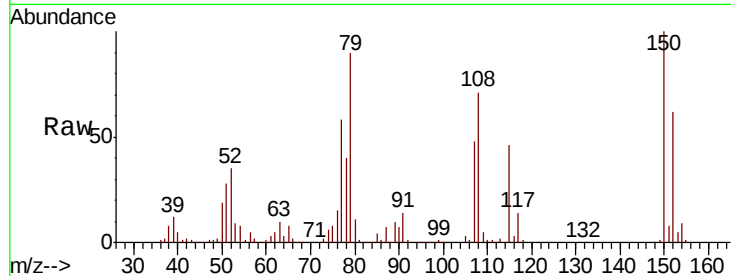
#15
Benzyl Alcohol
Concen: 34.083 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	62.0	93.0
77	64.7	51.8	77.6

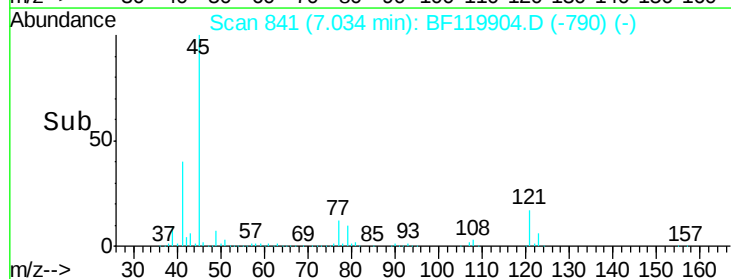
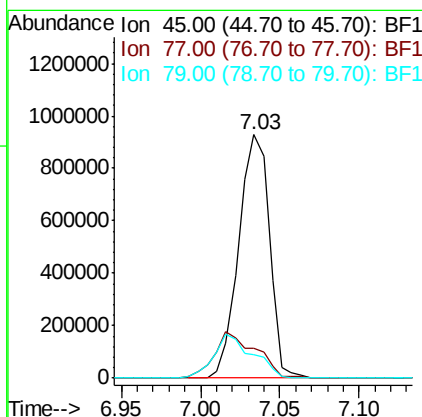
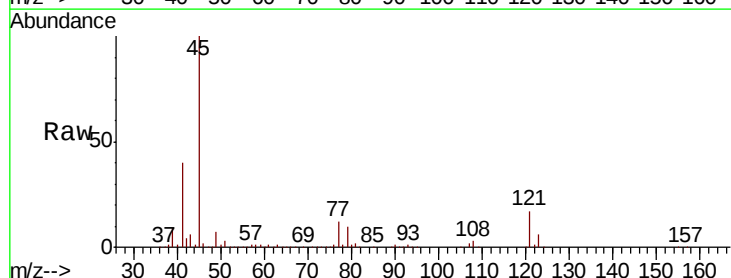
Manual Integrations
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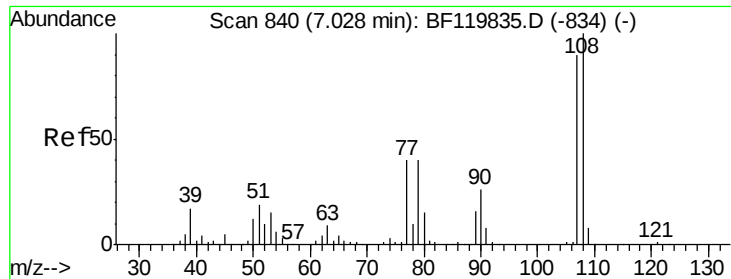
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.954 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	30.7
79	9.5	0.0	28.6





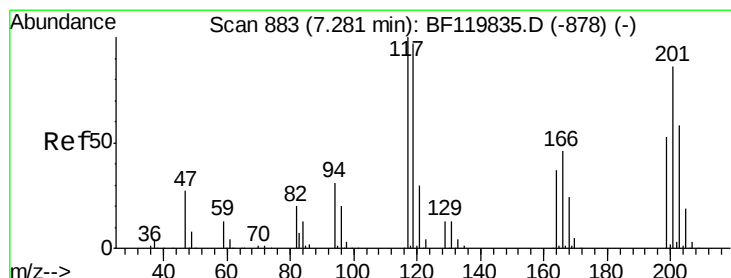
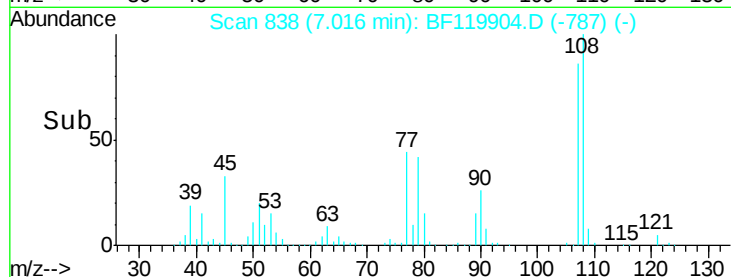
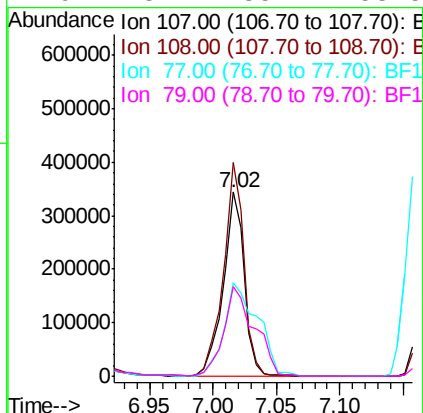
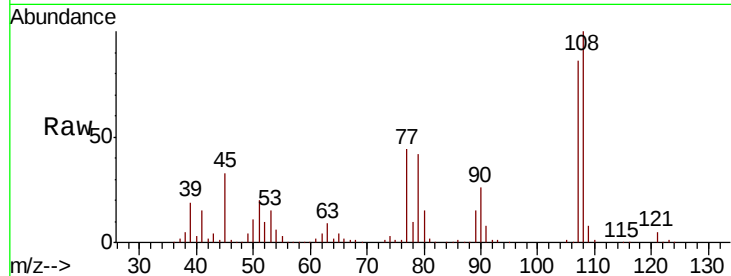
#17
2-Methylphenol
Concen: 36.274 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	395718		
108	108.00	116.1		88.8	133.2
77	77.00	51.1		36.0	54.0
79	79.00	48.4		35.7	53.5

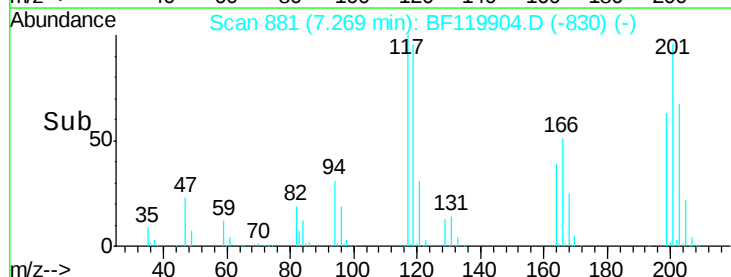
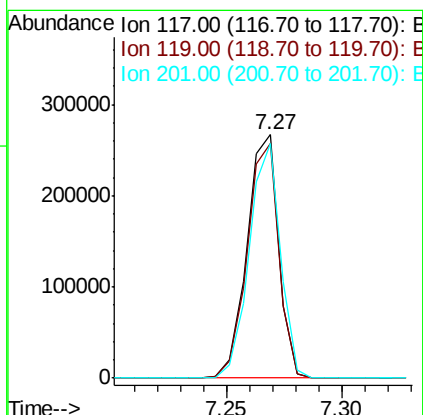
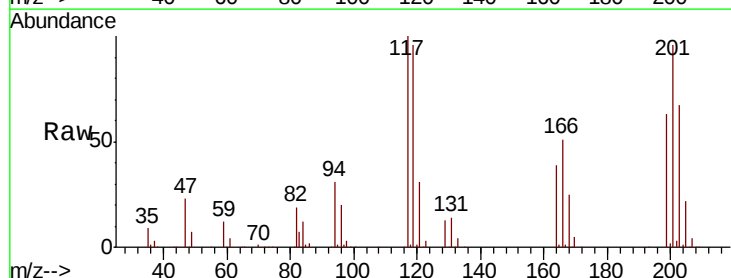
Manual Integrations
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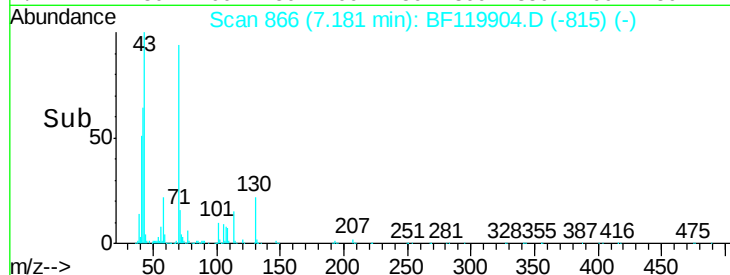
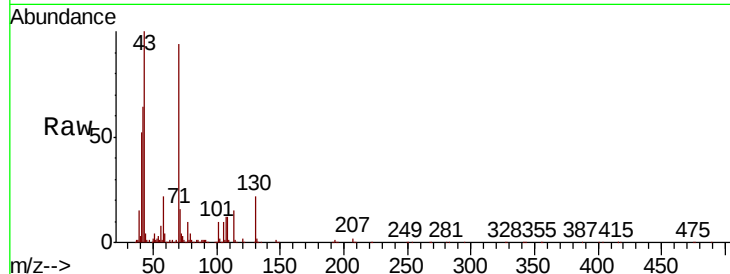
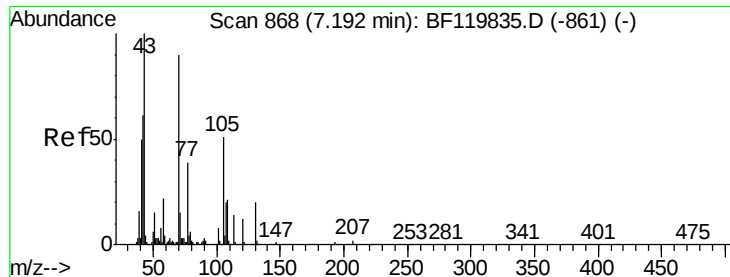
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#18
Hexachloroethane
Concen: 50.366 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	256613		
119	119.00	96.4		77.4	116.0
201	201.00	96.3		68.4	102.6





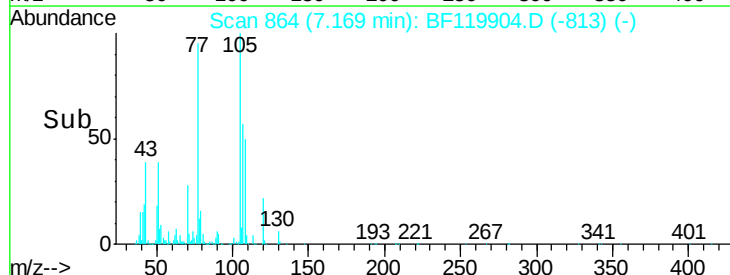
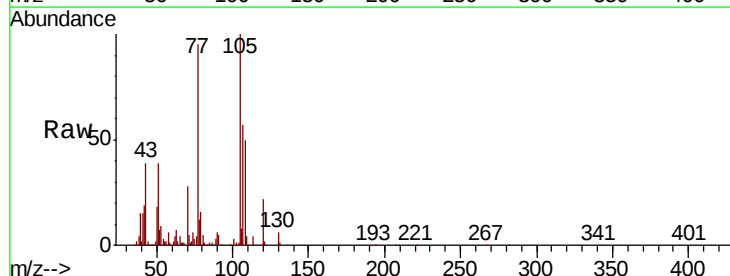
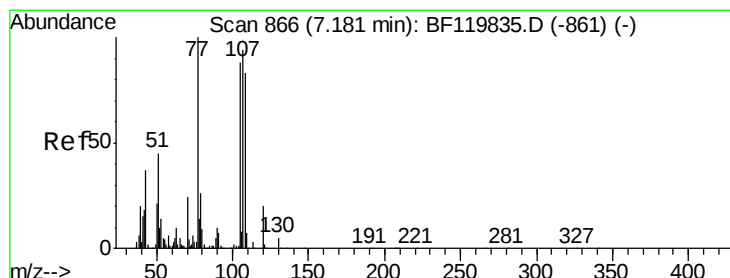
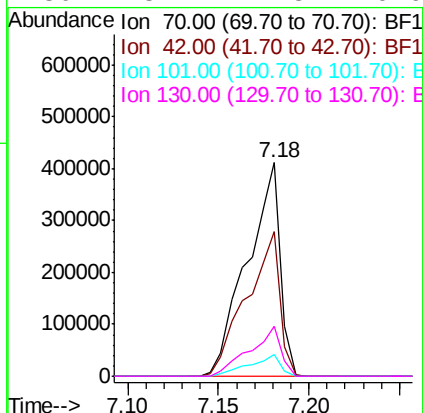
#19
n-Nitroso-di-n-propylamine
Concen: 57.412 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.0	54.2	81.4	
101	10.4	7.4	11.2	
130	23.4	17.8	26.6	

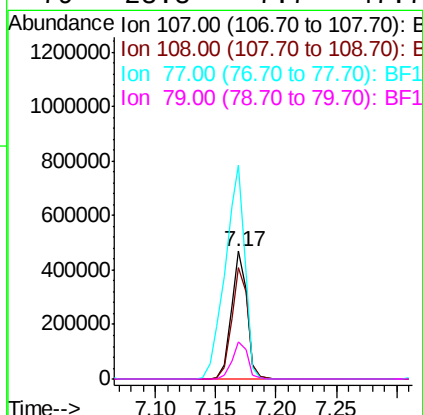
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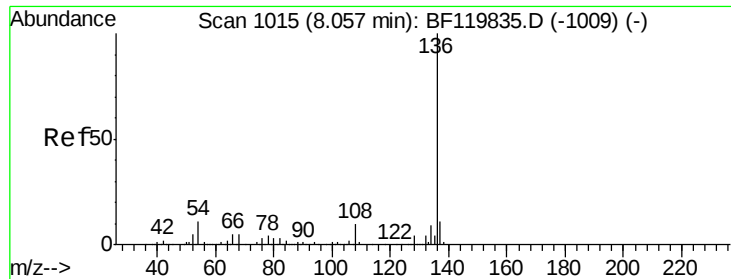
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#20
3+4-Methylphenols
Concen: 31.780 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.5	68.2	108.2	
77	167.5	86.6	126.6#	
79	28.8	7.7	47.7	





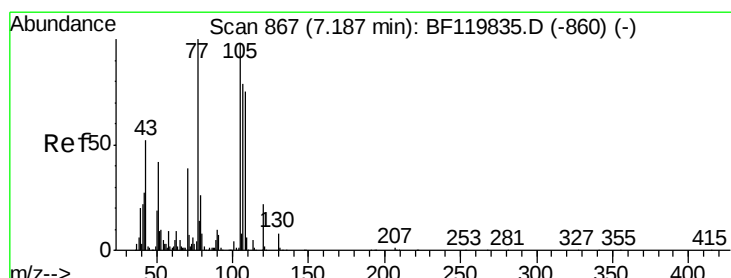
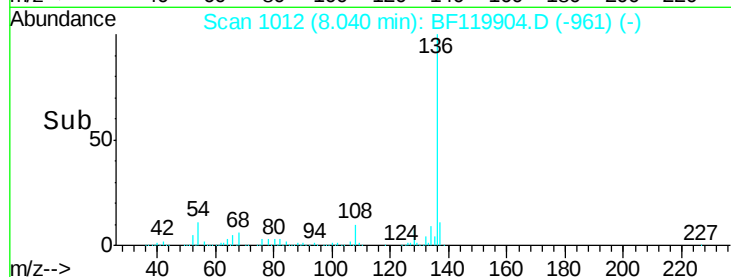
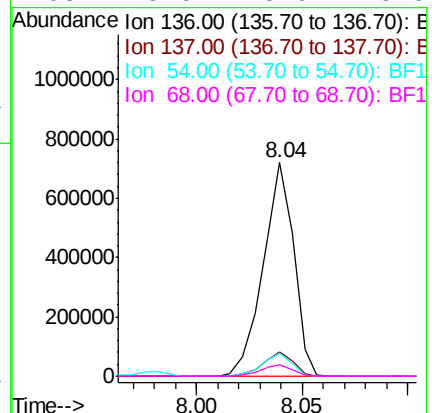
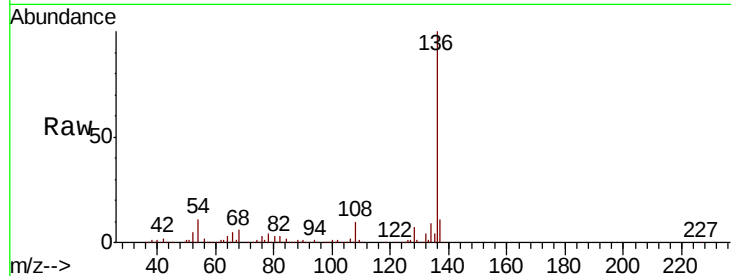
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampled :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		725374		
137	11.5	8.7	13.1		
54	11.0	8.5	12.7		
68	5.5	3.9	5.9		

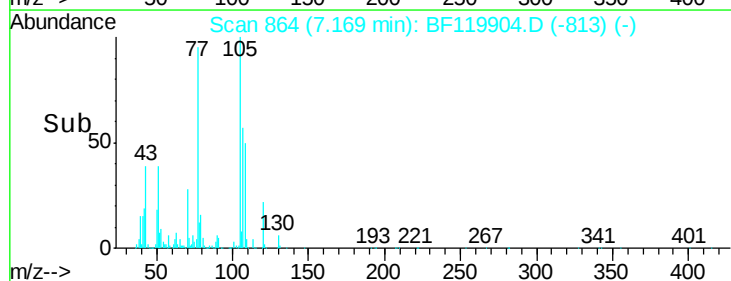
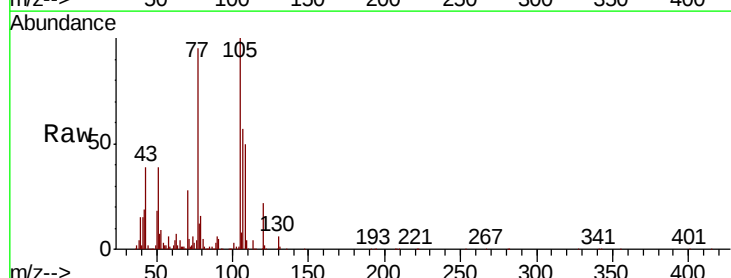
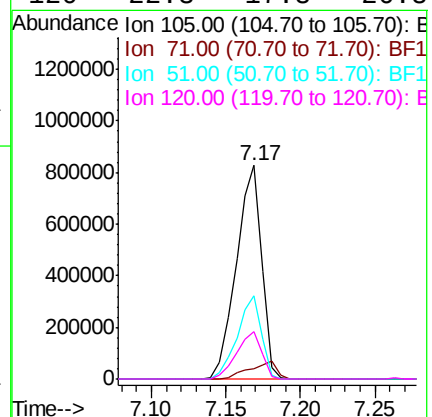
Manual Integrations
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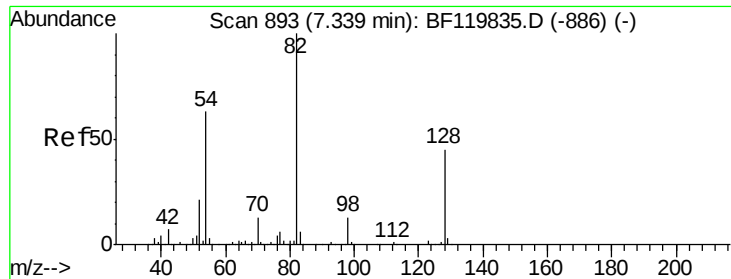
mohammad
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#22
Acetophenone
Concen: 57.702 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		980129		
71	4.9	5.6	8.4#		
51	38.7	33.9	50.9		
120	22.3	17.8	26.8		





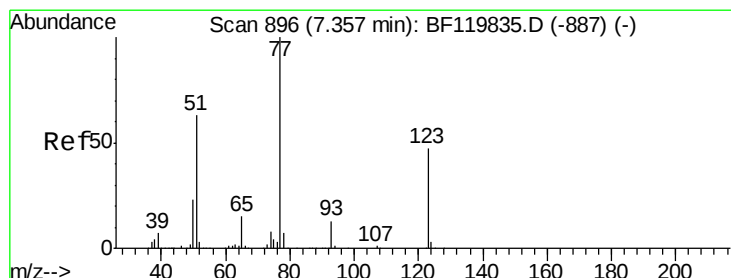
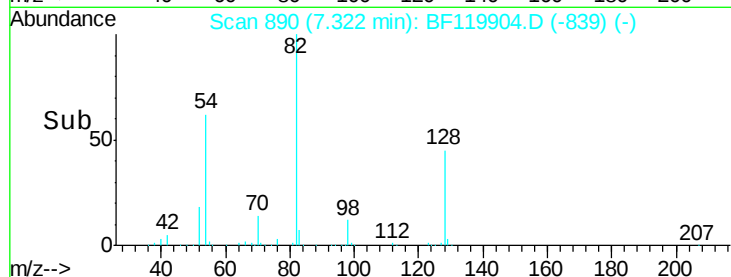
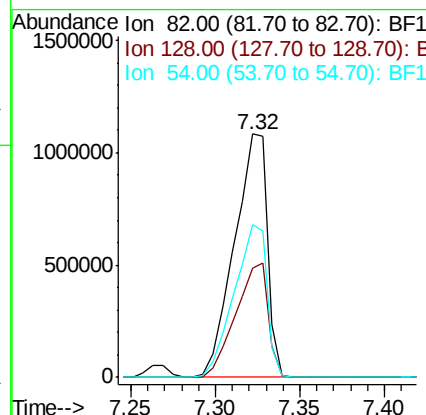
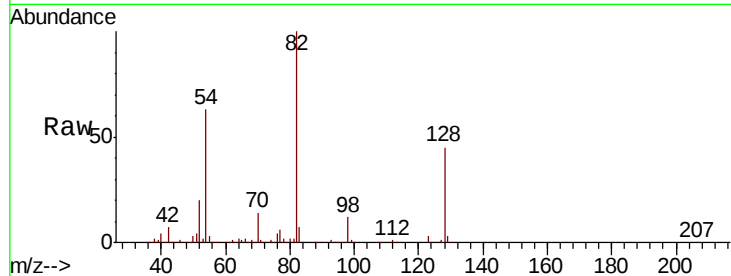
#23
 Nitrobenzene-d5
 Concen: 105.342 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.2	54.4
54	62.9	50.4	75.6

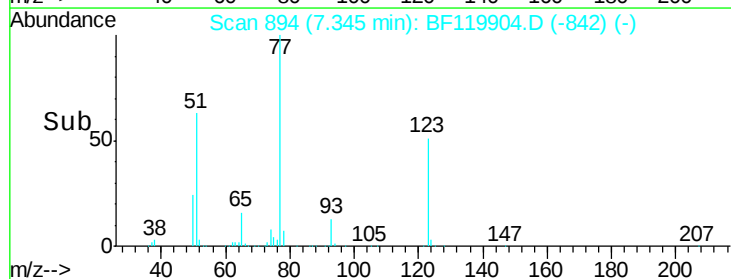
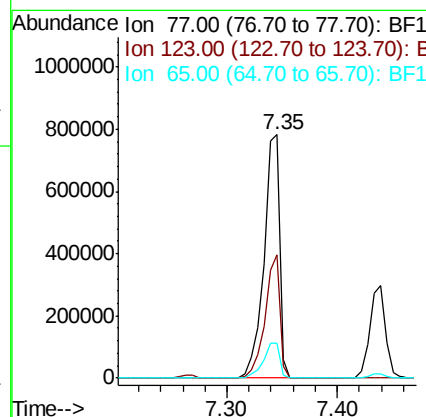
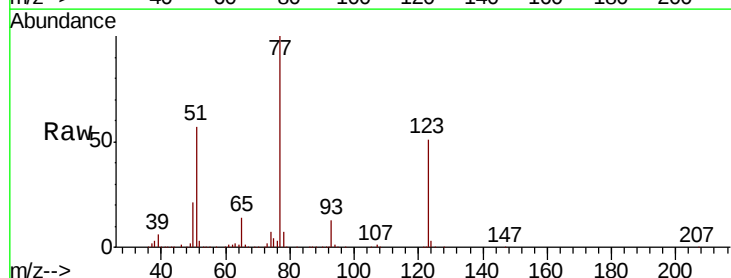
Manual Integrations
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#24
 Nitrobenzene
 Concen: 55.866 ng
 RT: 7.35 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	37.8	56.8
65	14.4	12.2	18.2





#25

Isophorone

Concen: 53.990 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

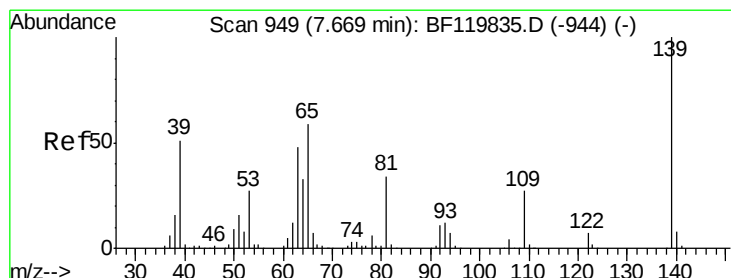
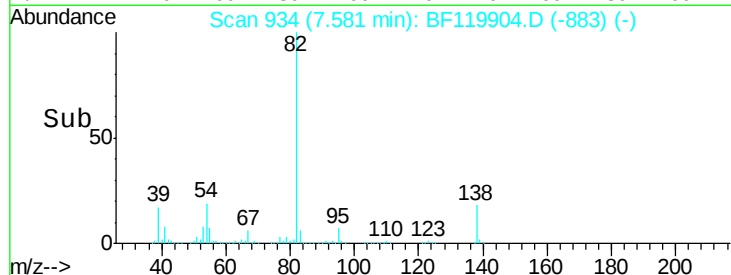
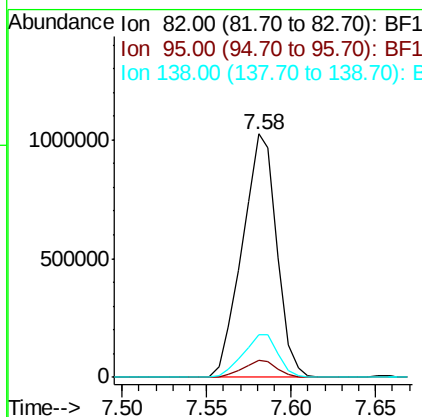
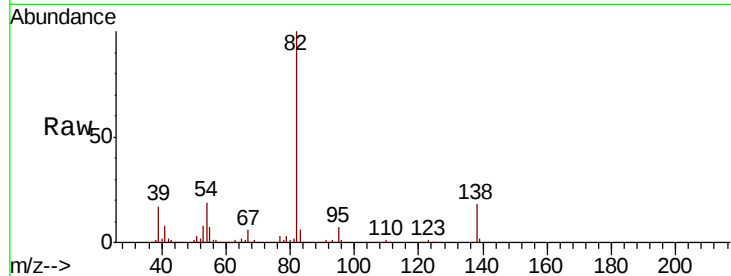
ClientSampleId :

MW-1DMSD

Tot Ion:	82	Resp:	1459291
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.8	8.6
138	17.5	14.5	21.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 56.168 ng

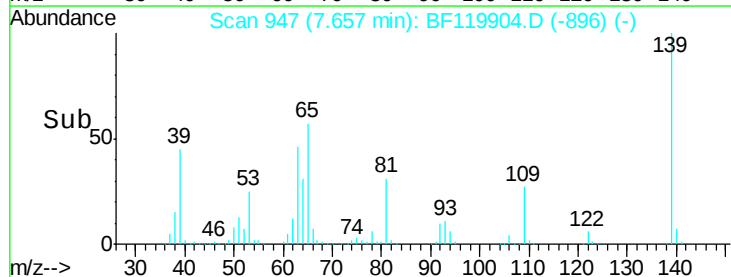
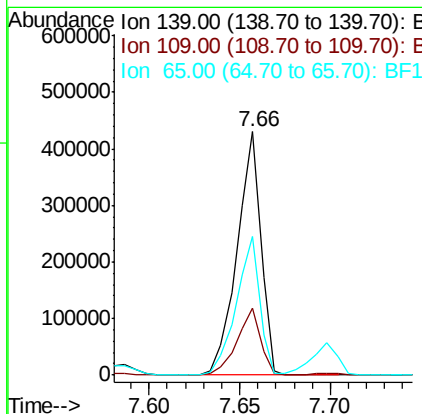
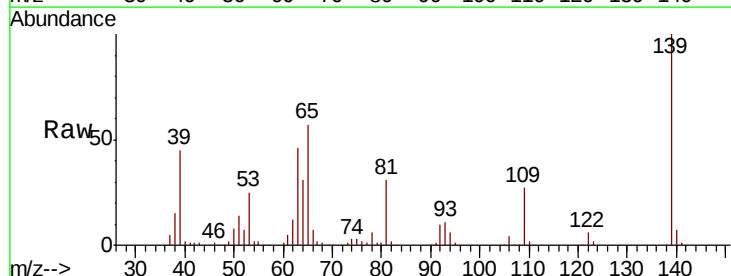
RT: 7.66 min Scan# 947

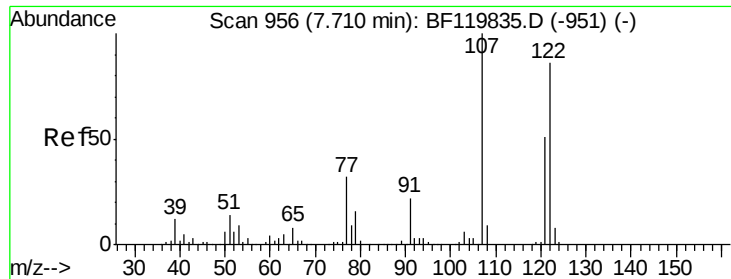
Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:	139	Resp:	395807
Ion	Ratio	Lower	Upper
139	100		
109	27.5	21.8	32.6
65	56.7	47.0	70.4





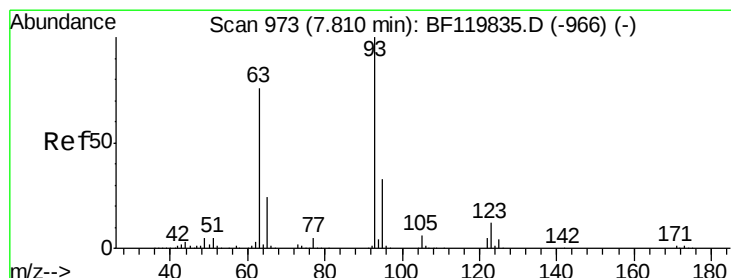
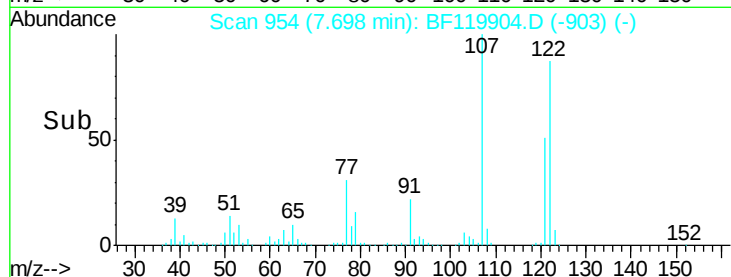
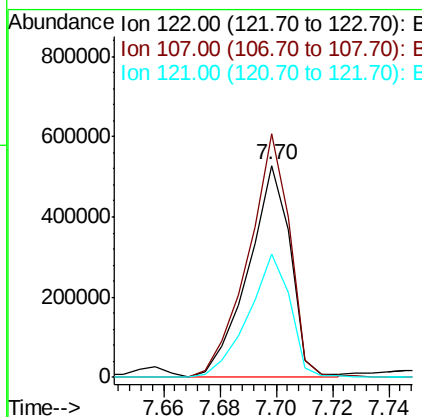
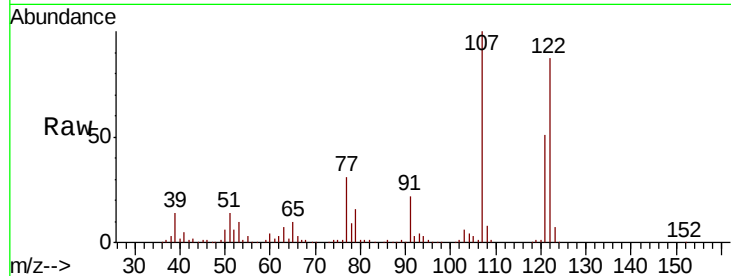
#27
 2,4-Dimethylphenol
 Concen: 51.385 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	92.3	138.5
121	58.4	46.6	70.0

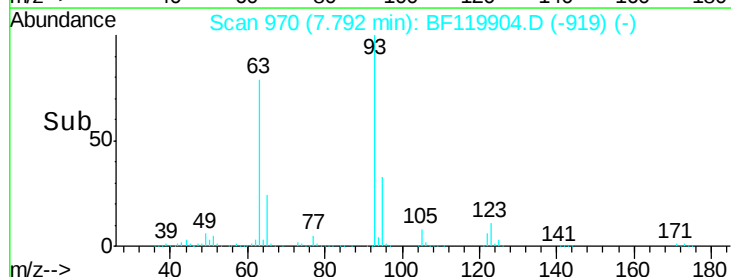
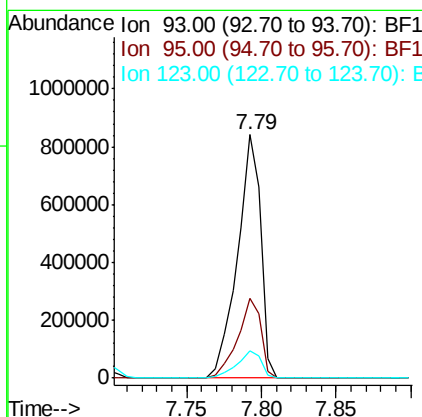
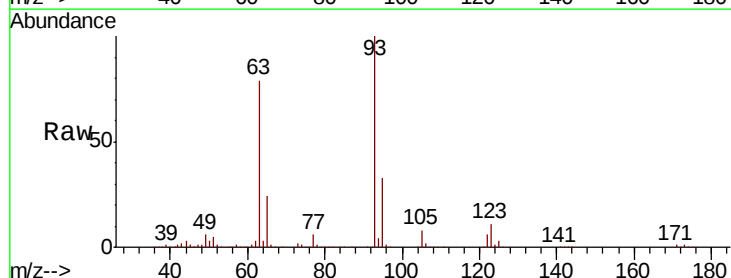
Manual Integrations
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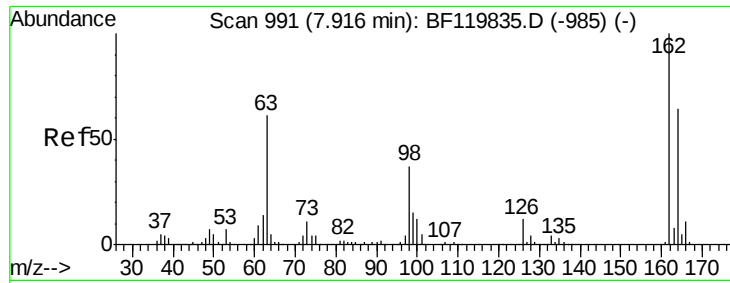
mohammad
 4/14/2020 3:39:16 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 57.371 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	11.1	9.7	14.5





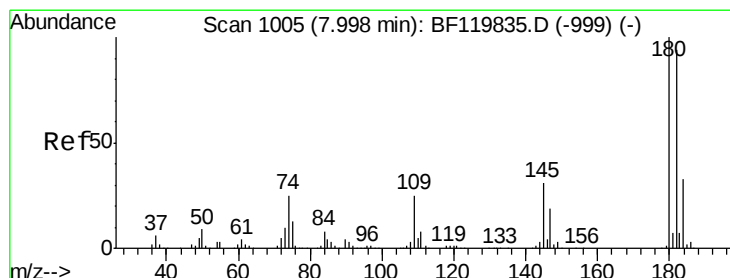
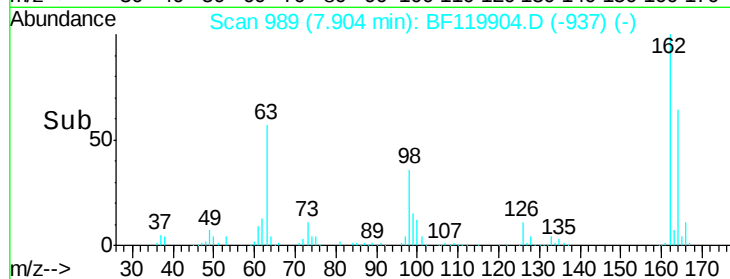
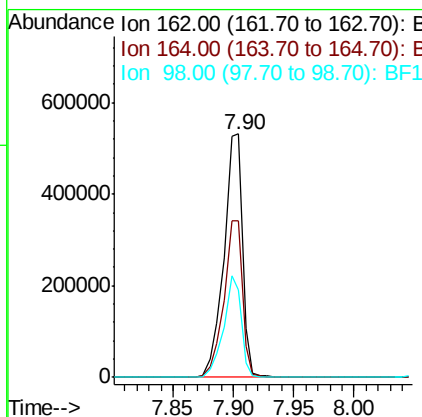
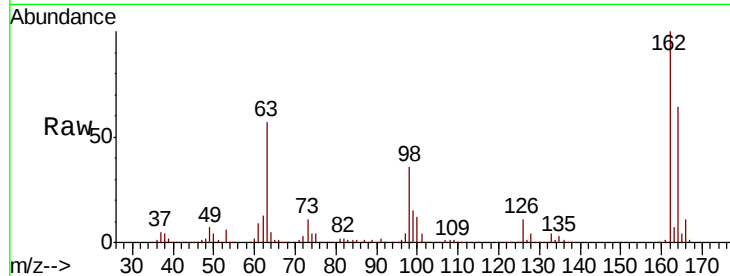
#29
2,4-Dichlorophenol
Concen: 52.117 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		567763		
164	64.4	44.4	84.4		
98	35.8	17.3	57.3		

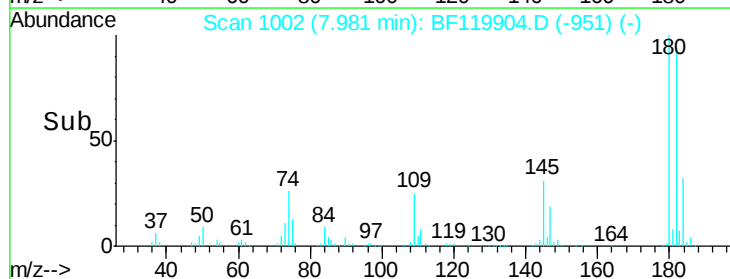
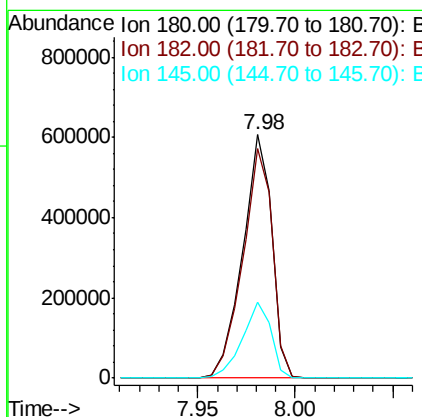
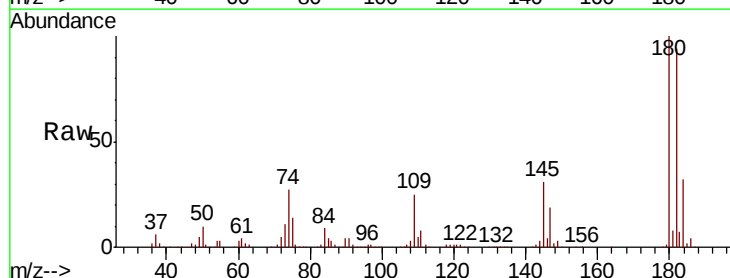
Manual Integrations
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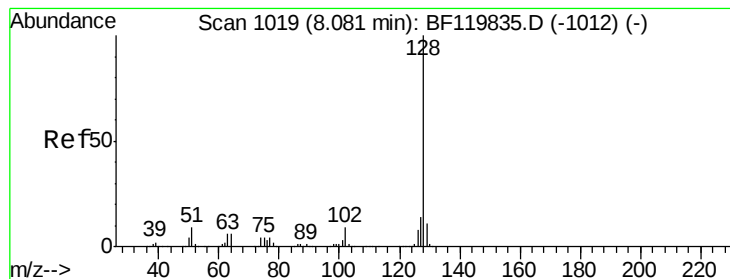
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.686 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		625647		
182	94.2	75.4	113.0		
145	31.1	24.6	37.0		





#31

Naphthalene

Concen: 52.382 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

MW-1DMSD

Tot Ion:128 Resp: 1999098

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

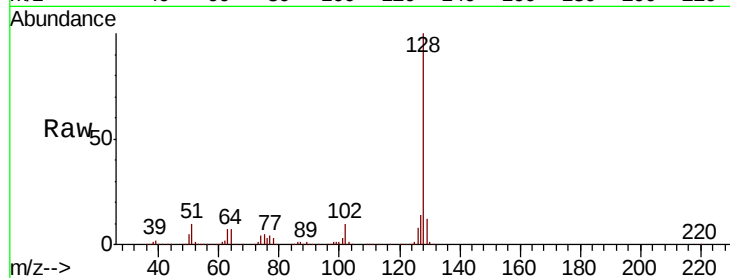
127 13.9 11.0 16.4

Manual Integrations

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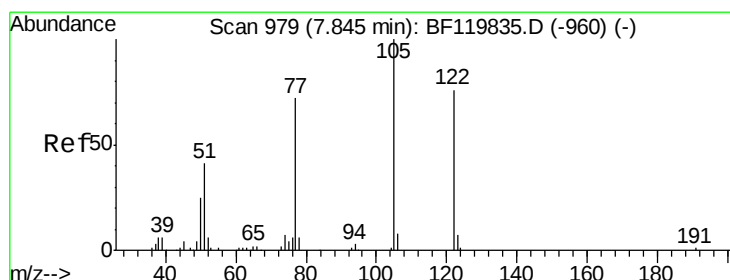
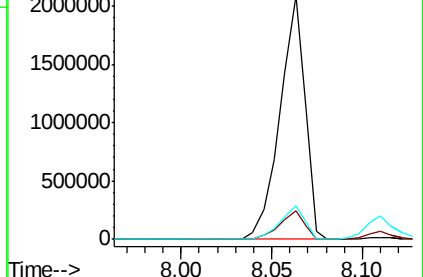
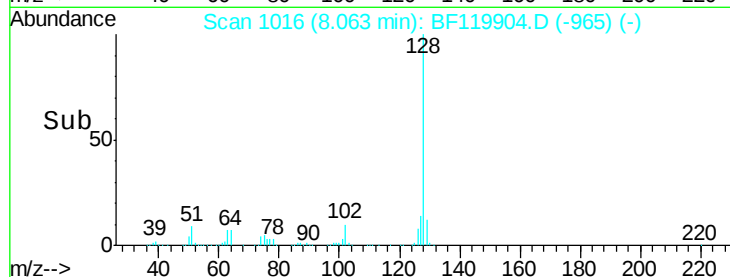
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.987 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

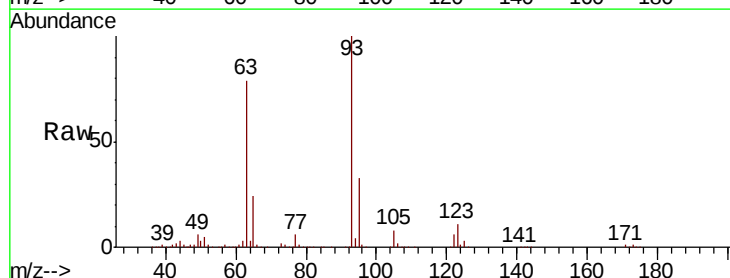
Tgt Ion:122 Resp: 121221

Ion Ratio Lower Upper

122 100

105 123.8 106.7 146.7

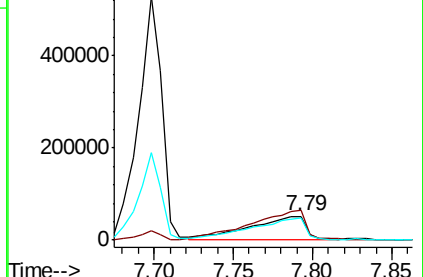
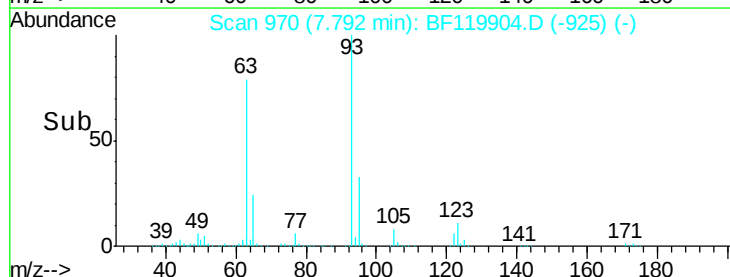
77 94.1 72.1 112.1

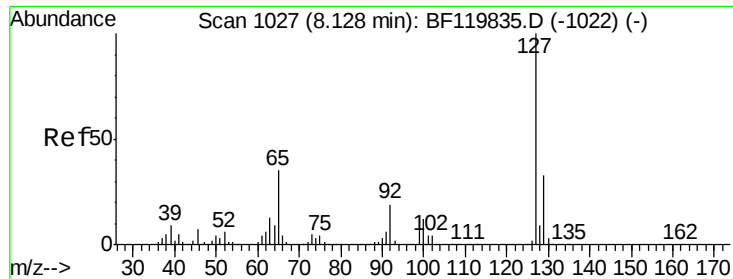


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





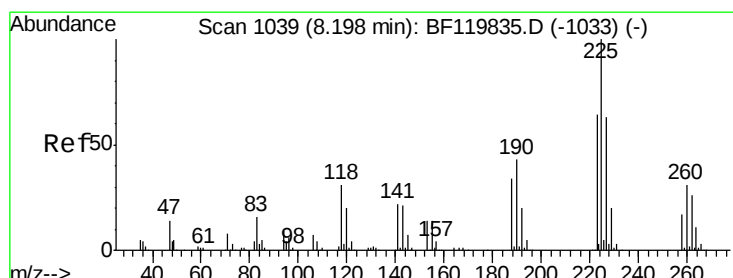
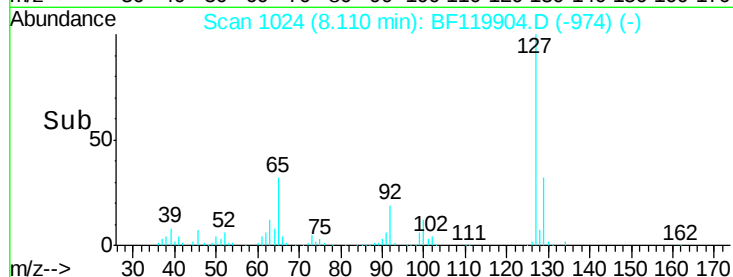
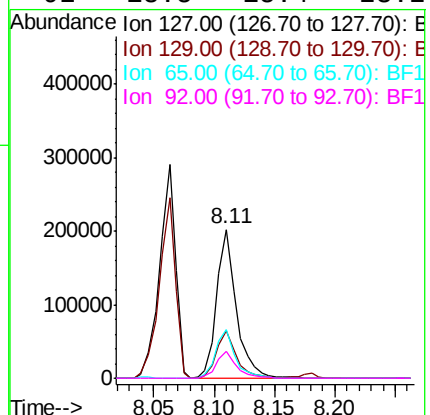
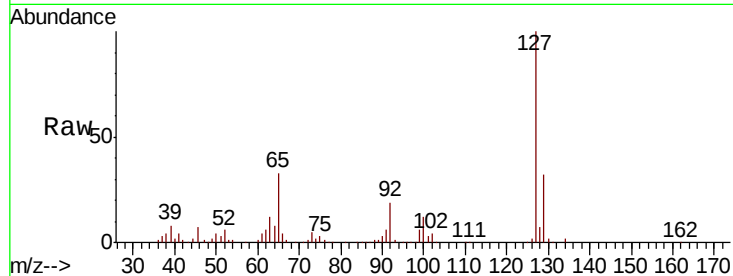
#33
4-Chloroaniline
Concen: 13.602 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		225981		
129	32.0	26.2	39.2		
65	32.6	28.3	42.5		
92	18.5	15.4	23.2		

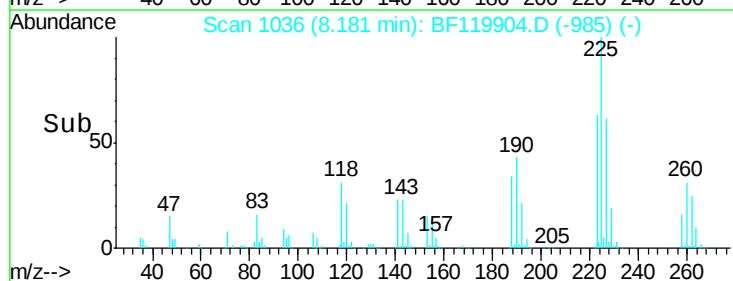
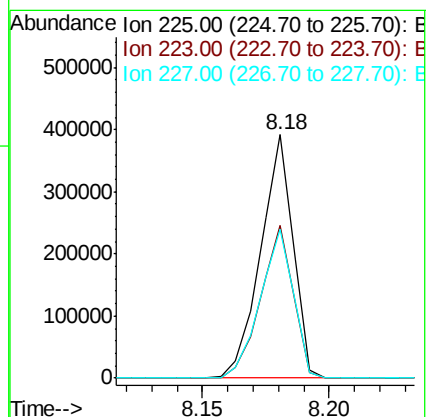
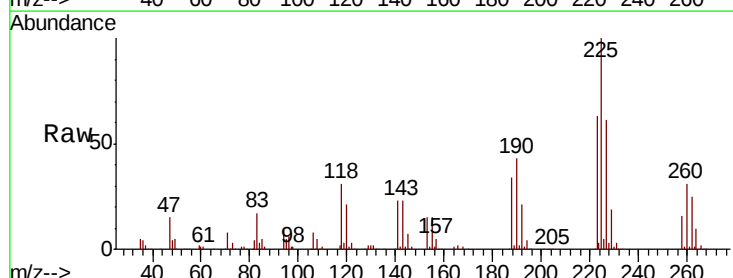
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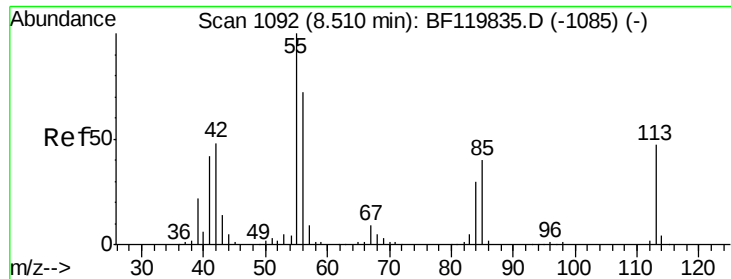
mohammad
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#34
Hexachlorobutadiene
Concen: 47.421 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		350393		
223	62.6	51.0	76.6		
227	61.3	50.4	75.6		





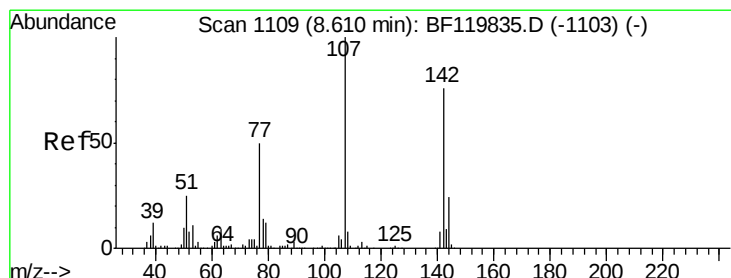
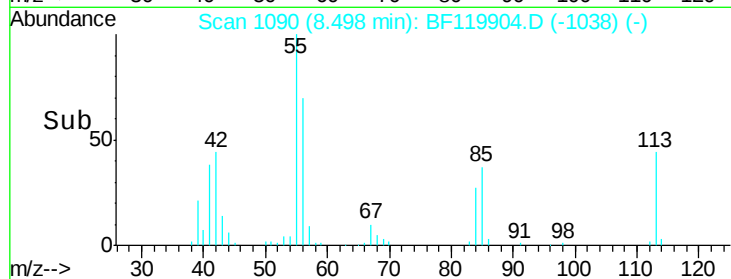
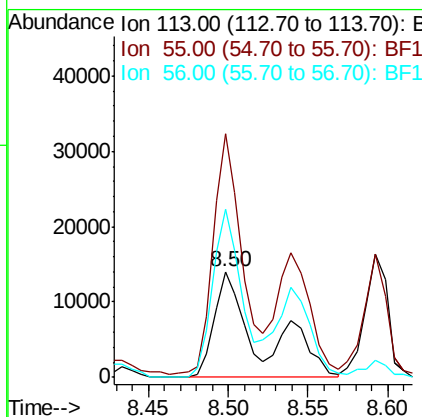
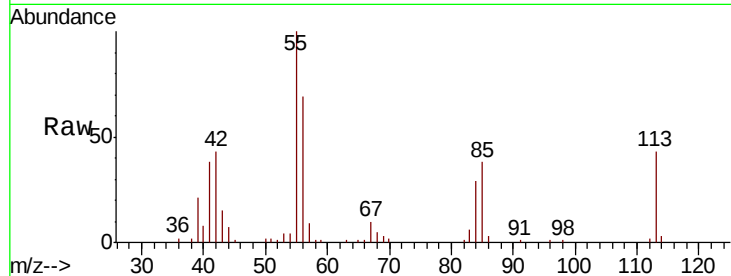
#35
 Caprolactam
 Concen: 8.412 ng/ml
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	230.5	192.7	232.7
56	159.4	133.3	173.3

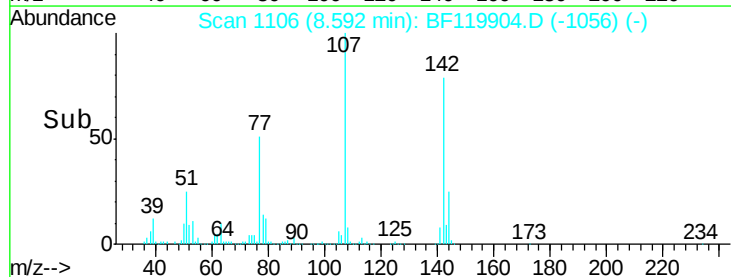
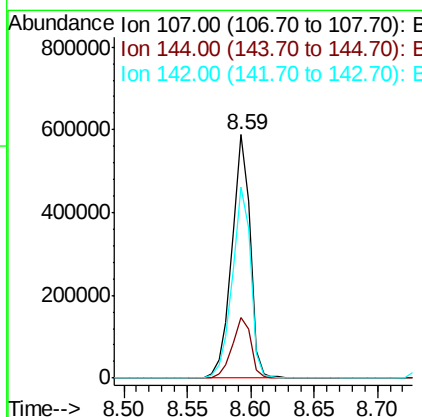
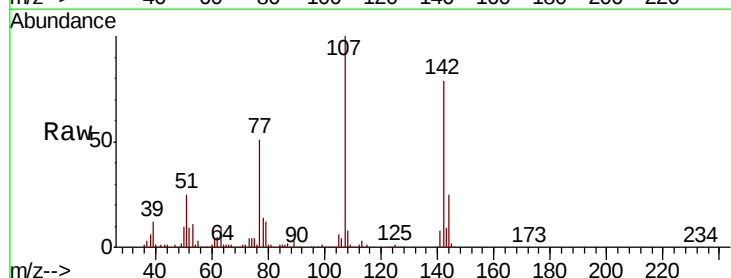
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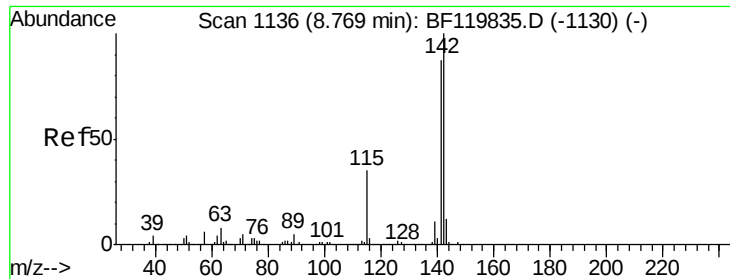
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 49.262 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.5	29.3
142	78.7	60.5	90.7





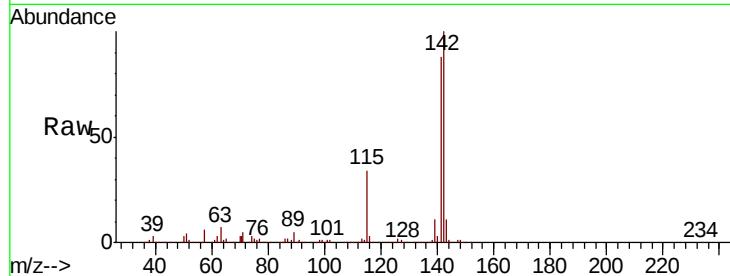
#37
2-Methylnaphthalene
Concen: 54.508 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9
115	33.8	28.0	42.0

Manual Integrations
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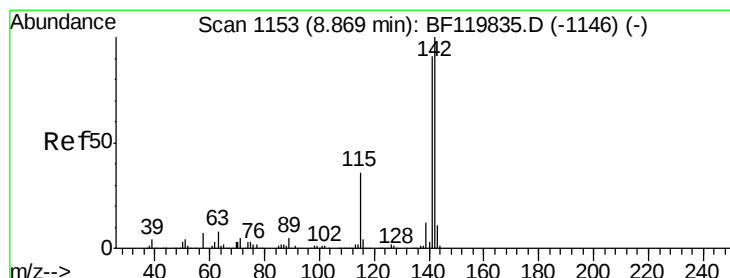
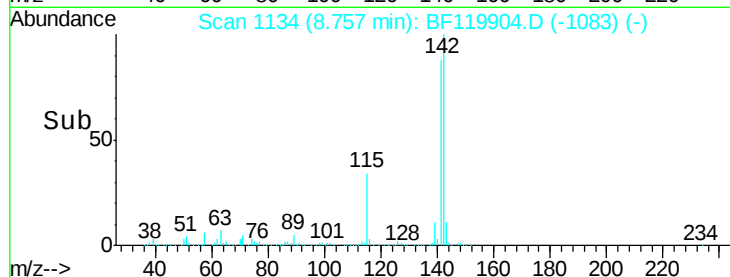
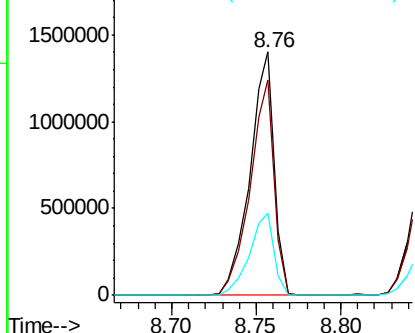


Abundance

Ion 142.00 (141.70 to 142.70): E

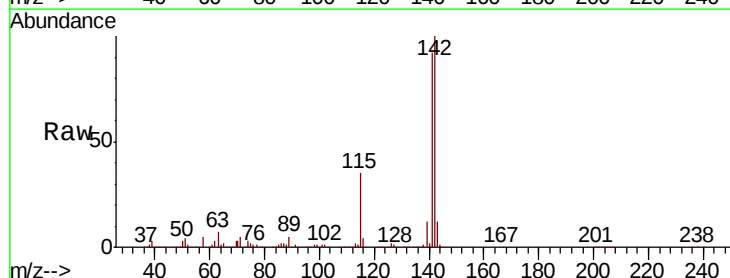
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 54.002 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.9	109.3
116	3.6	3.0	4.6

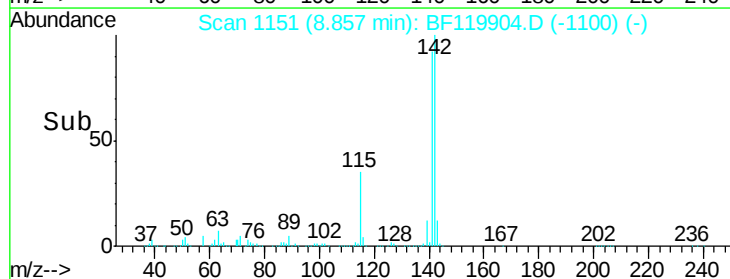
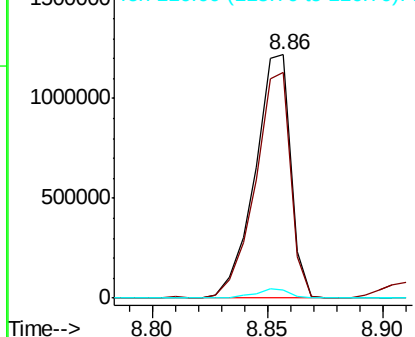


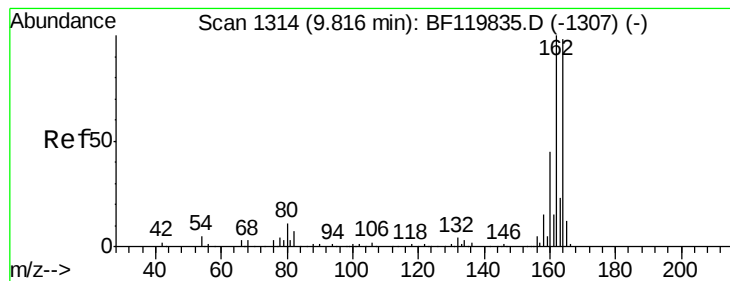
Abundance

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: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

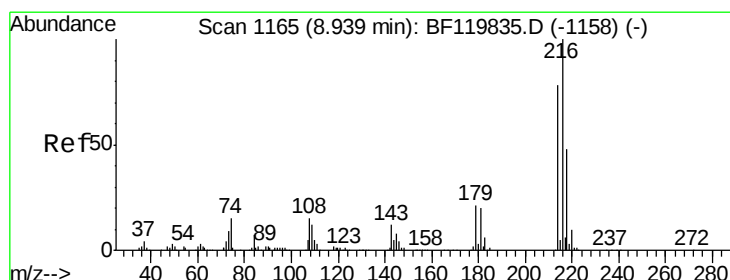
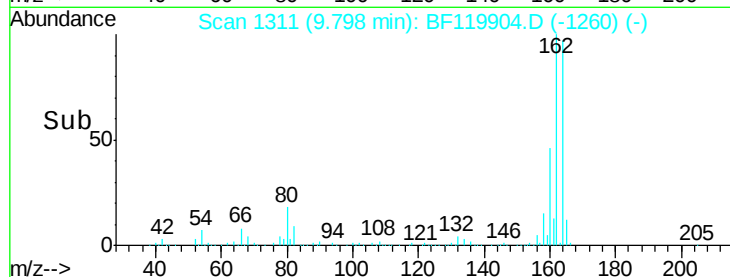
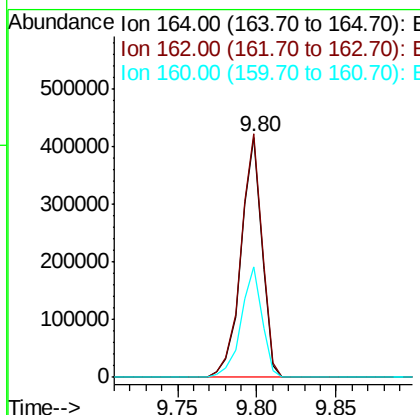
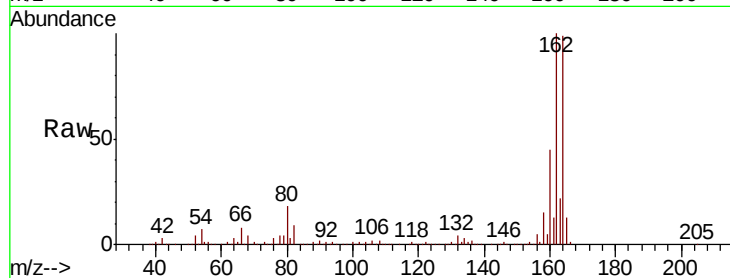
ClientSampleId :

MW-1DMSD

Tot Ion:	164	Resp:	378634
Ion Ratio	Lower	Upper	
164	100		
162	101.4	81.9	122.9
160	46.1	36.6	54.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.589 ng

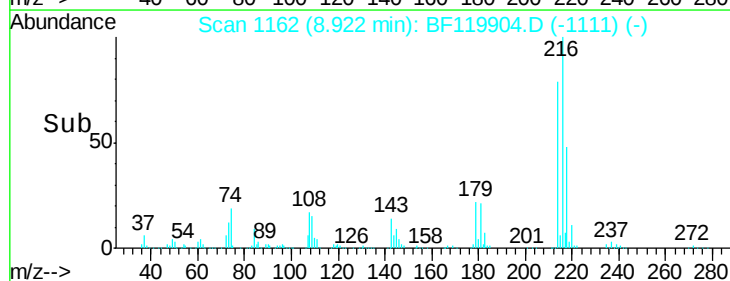
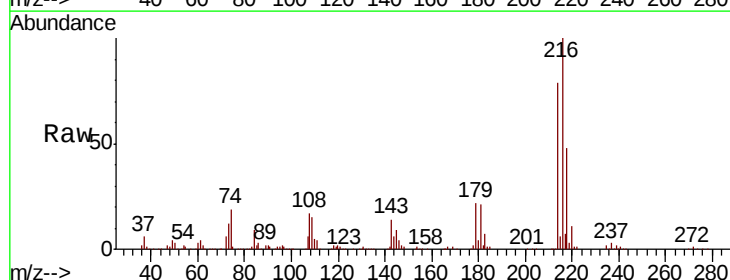
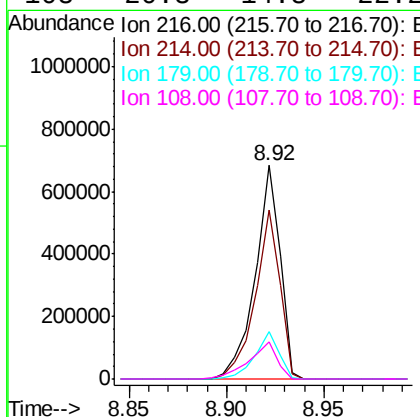
RT: 8.92 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:	216	Resp:	604989
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.1	94.7
179	21.4	17.0	25.4
108	20.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 96.484 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

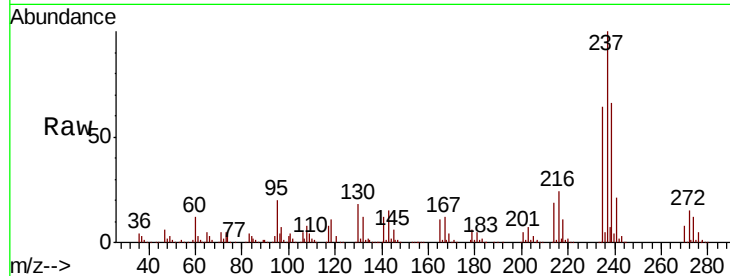
ClientSampleId :

MW-1DMSD

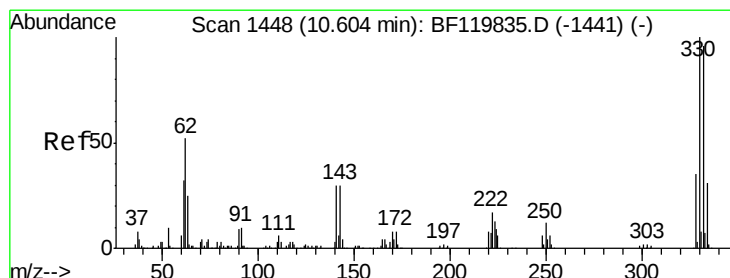
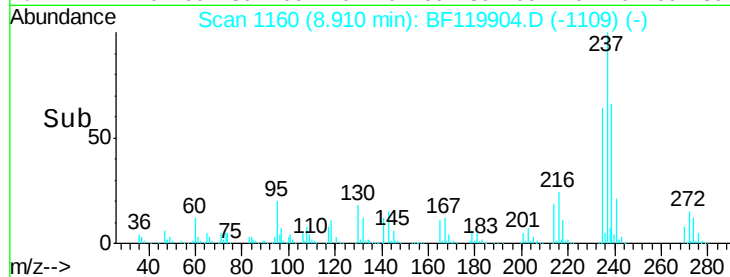
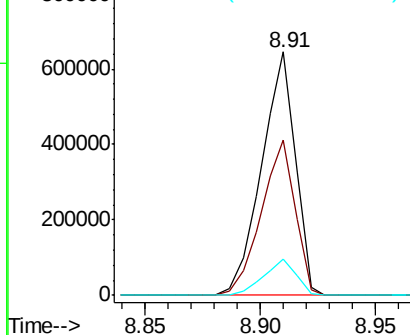
Tot Ion:	237	Resp:	656116
Ion Ratio	Lower	Upper	
237	100		
235	63.8	44.9	84.9
272	14.7	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 147.928 ng

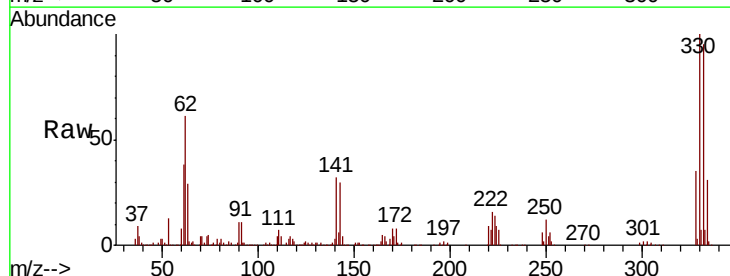
RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

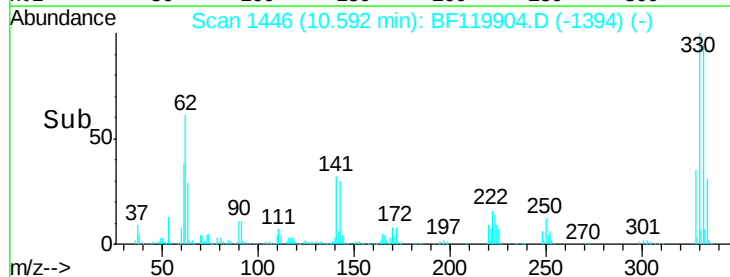
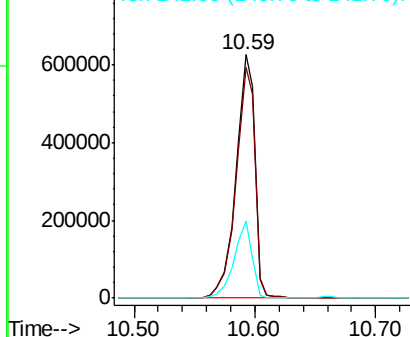
Lab File: BF119904.D

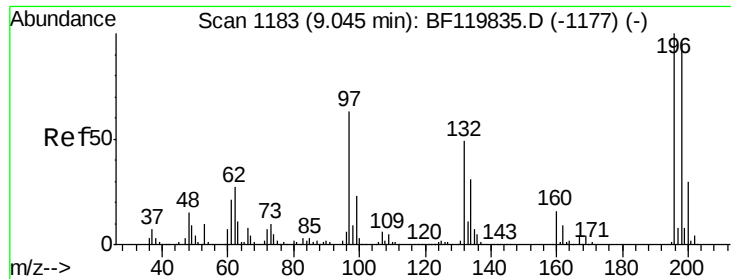
Acq: 10 Apr 2020 19:33

Tgt Ion:	330	Resp:	685761
Ion Ratio	Lower	Upper	
330	100		
332	95.4	76.8	115.2
141	30.4	25.1	37.7



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





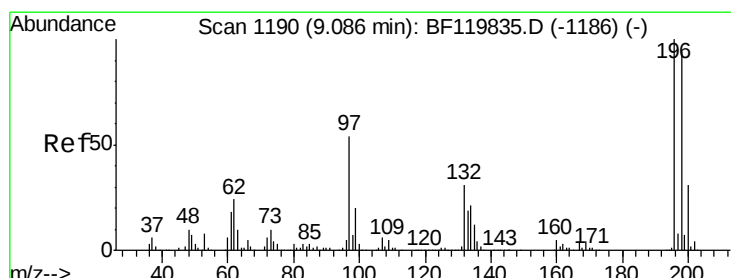
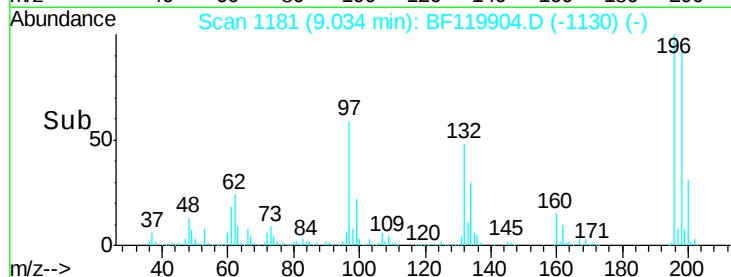
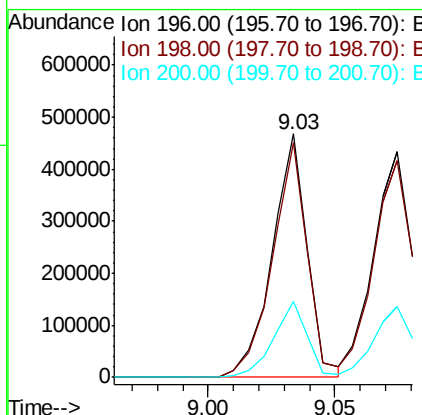
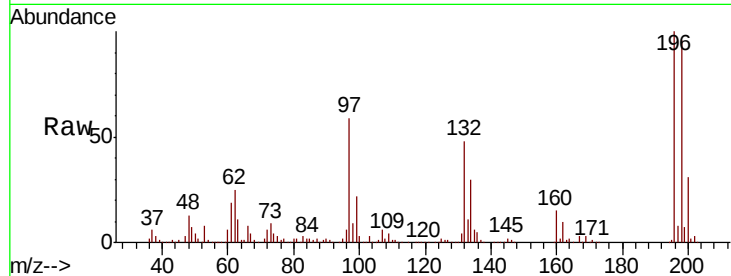
#43
 2,4,6-Trichlorophenol
 Concen: 54.616 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	451023		
198	96.3	76.6	115.0	
200	31.0	24.2	36.2	

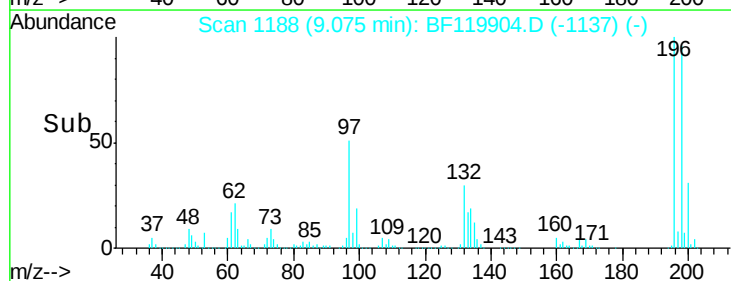
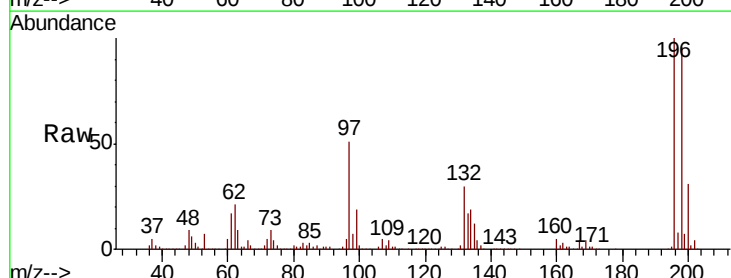
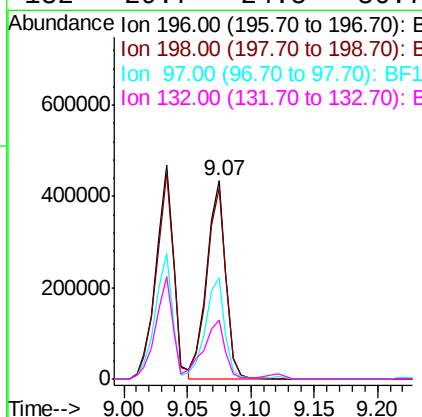
Manual Integrations
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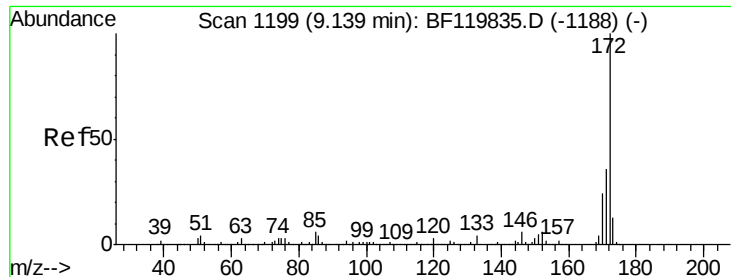
mohammad
 4/14/2020 3:39:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 49.472 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	460148		
198	95.9	75.1	112.7	
97	51.1	43.4	65.2	
132	29.7	24.5	36.7	





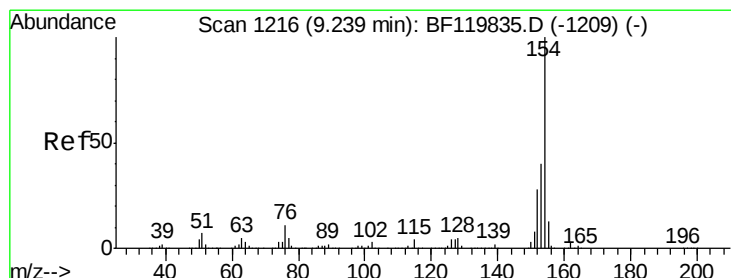
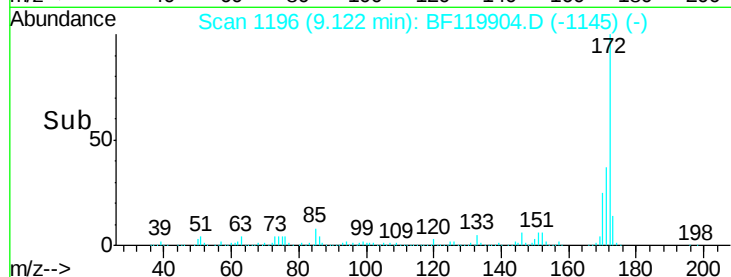
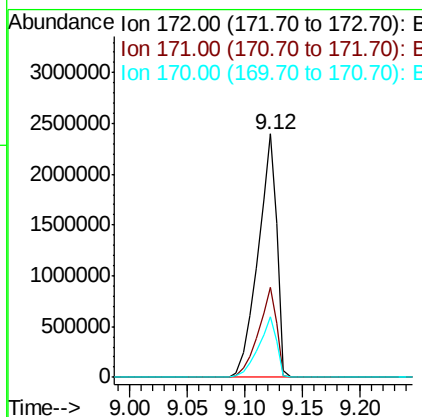
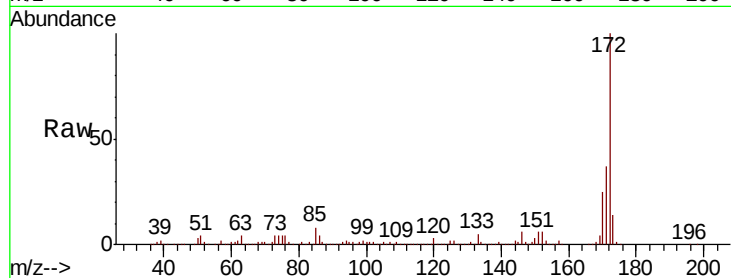
#45
2-Fluorobiphenyl
Concen: 102.163 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion:172 Resp: 2724536
Ion Ratio Lower Upper
172 100
171 37.0 28.9 43.3
170 24.8 19.4 29.2

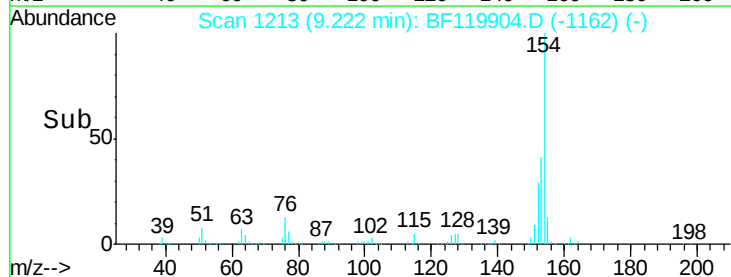
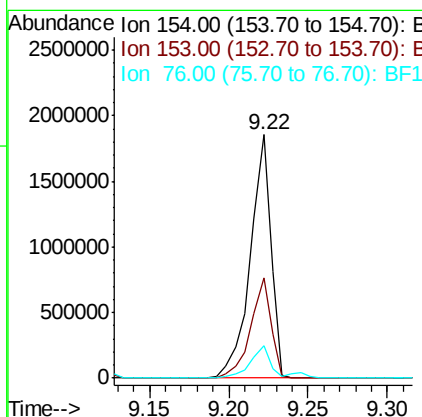
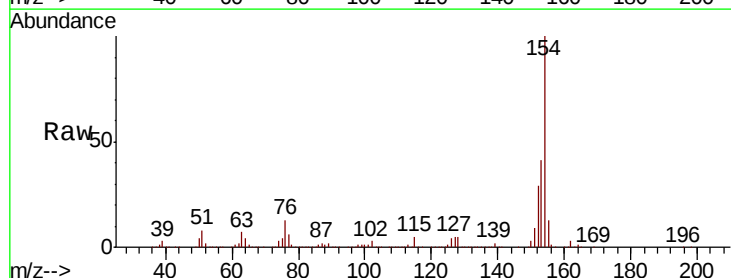
Manual Integrations
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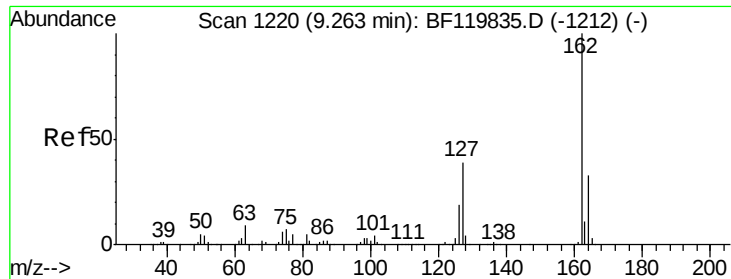
mohammad
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#46
1,1'-Biphenyl
Concen: 52.407 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:154 Resp: 1674871
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 13.1 0.0 30.6





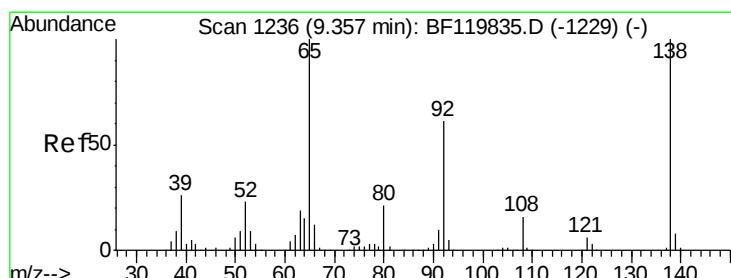
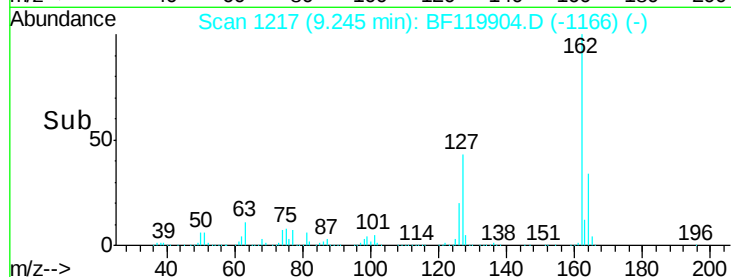
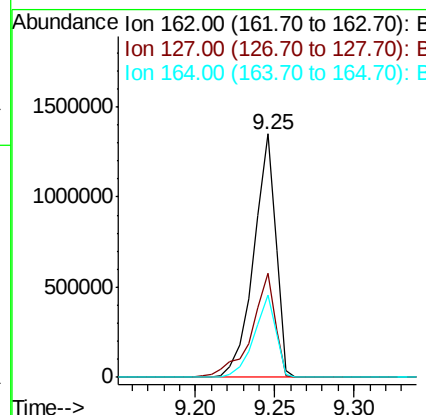
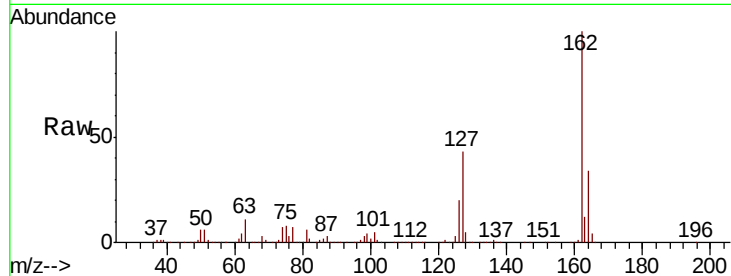
#47
2-Chloronaphthalene
Concen: 52.694 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.9	31.2	46.8
164	33.7	26.3	39.5

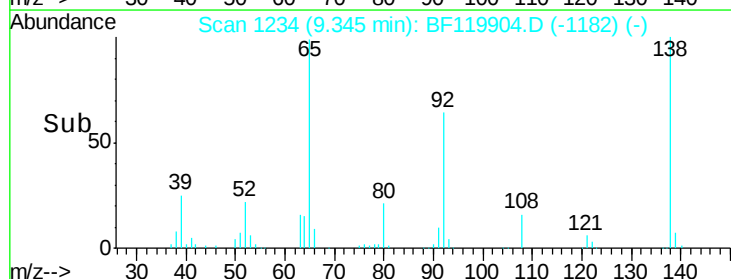
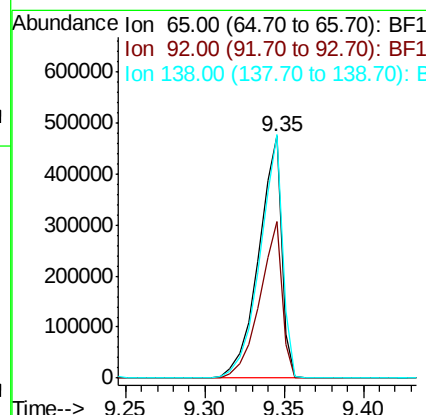
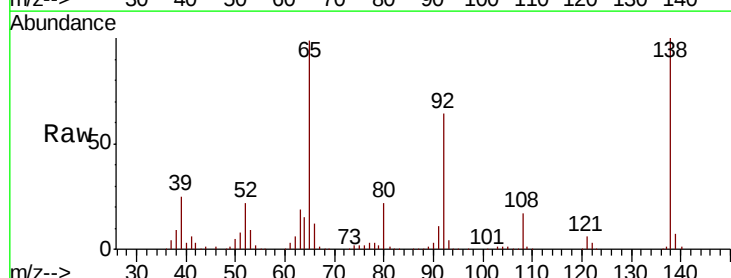
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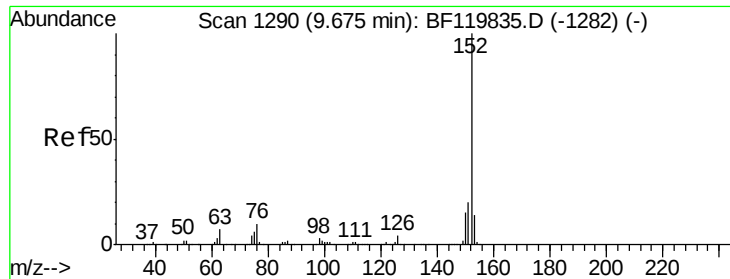
mohammad
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#48
2-Nitroaniline
Concen: 53.885 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	49.0	73.6
138	100.7	79.7	119.5





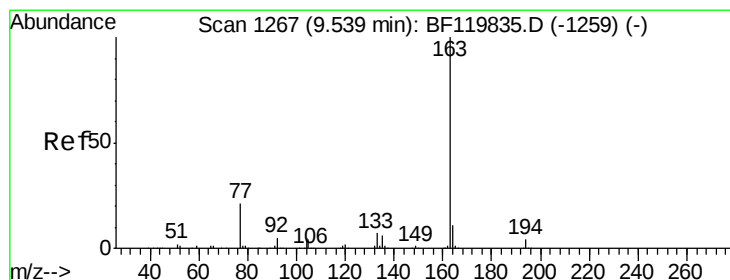
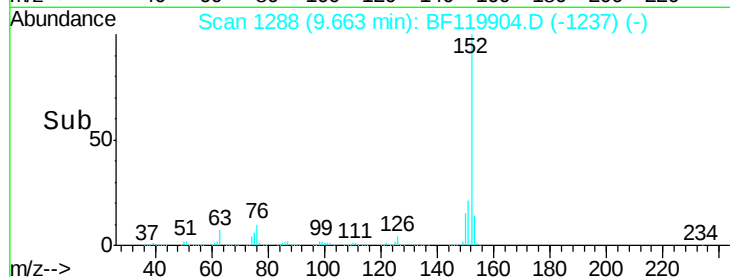
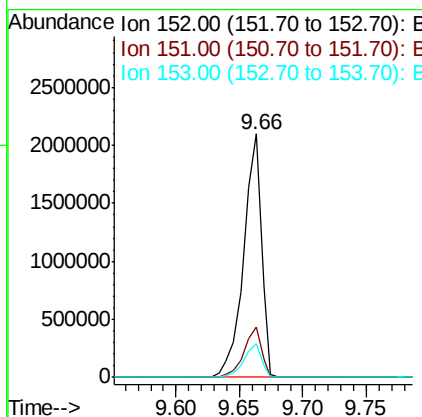
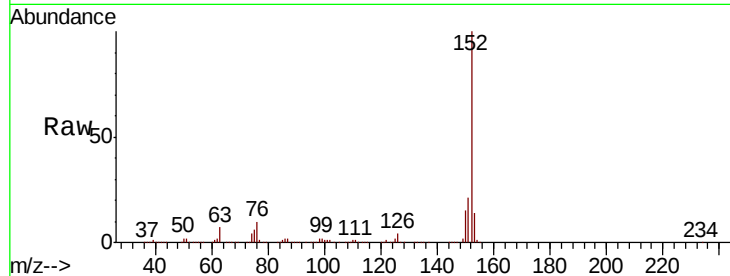
#49
Acenaphthylene
Concen: 54.288 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.8	10.9	16.3

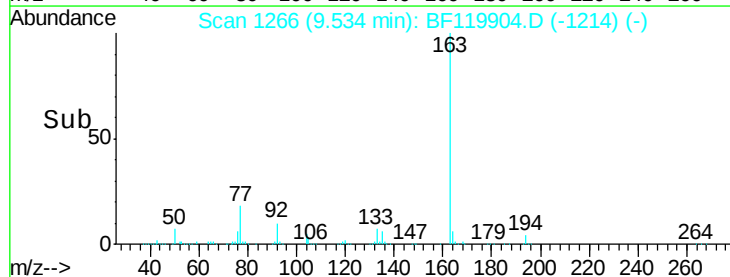
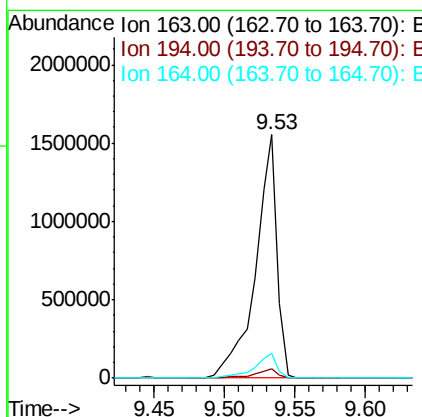
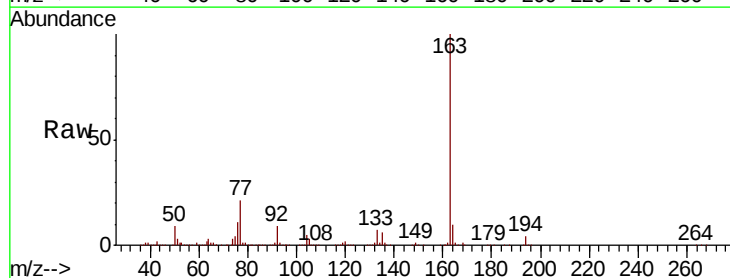
Manual Integrations
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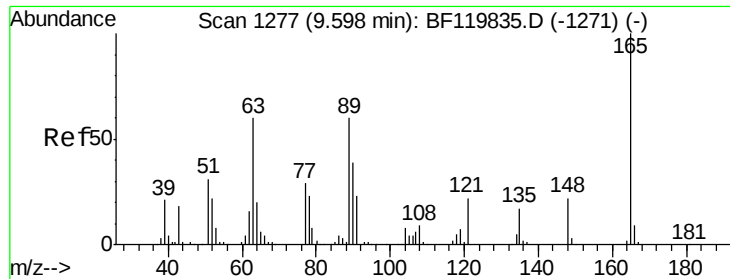
mohammad
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#50
Dimethylphthalate
Concen: 56.797 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.0	8.4	12.6





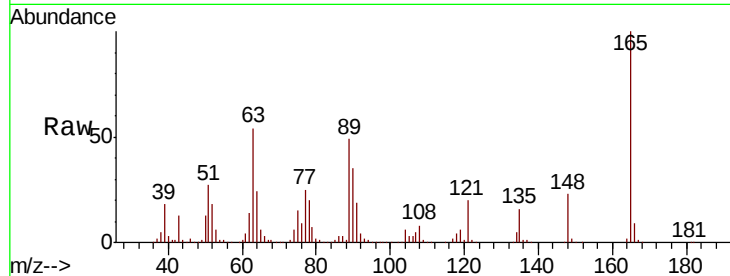
#51
 2,6-Dinitrotoluene
 Concen: 56.105 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampled :
 MW-1DMSD

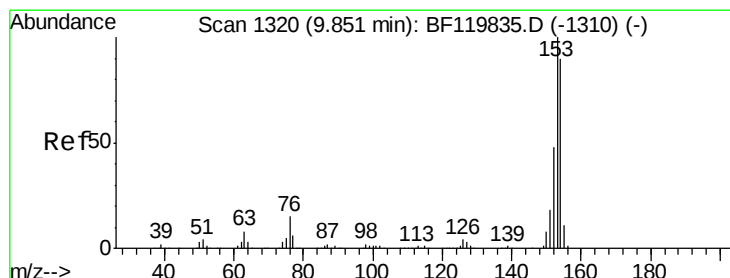
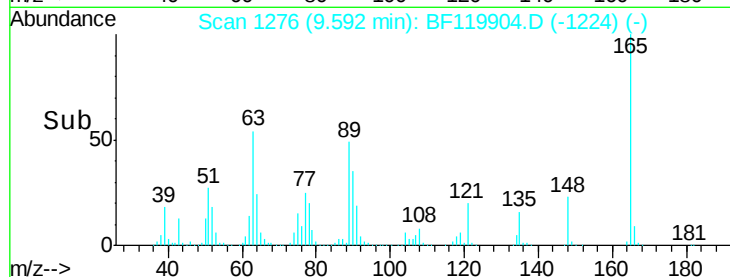
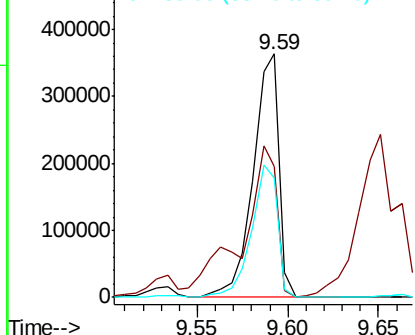
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	55.6	83.4#
89	49.2	47.9	71.9

Manual Integrations
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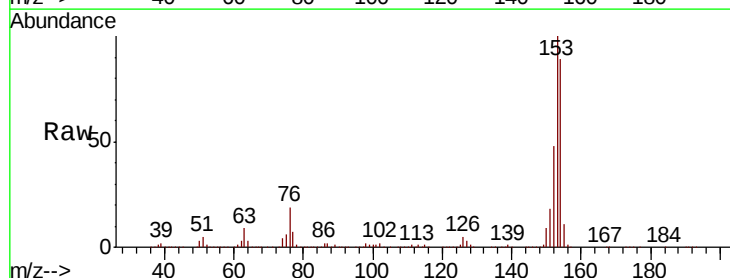


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

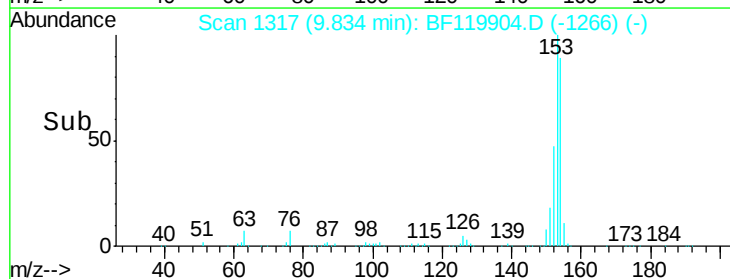
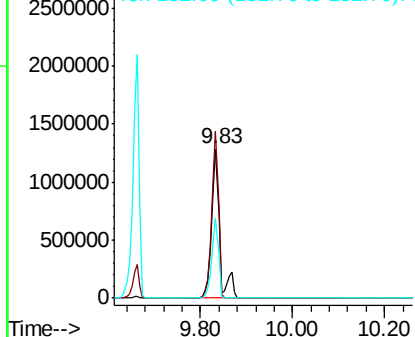


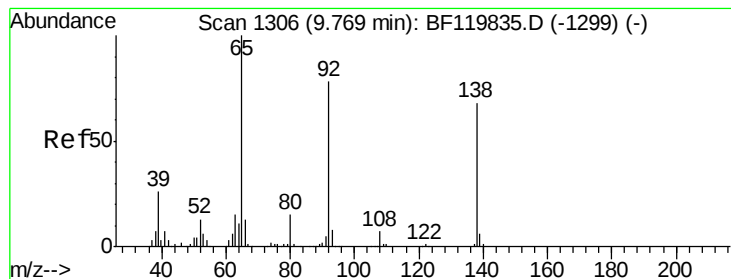
#52
 Acenaphthene
 Concen: 59.323 ng m
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.8	133.2
152	53.3	42.4	63.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.995 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

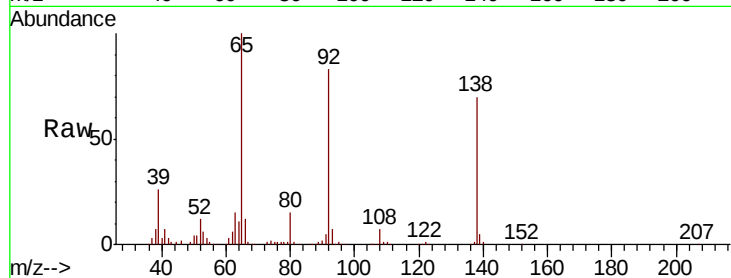
ClientSampleId :

MW-1DMSD

Tot Ion:	138	Resp:	131810
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.0	12.0
92	119.3	92.1	138.1

Manual Integrations
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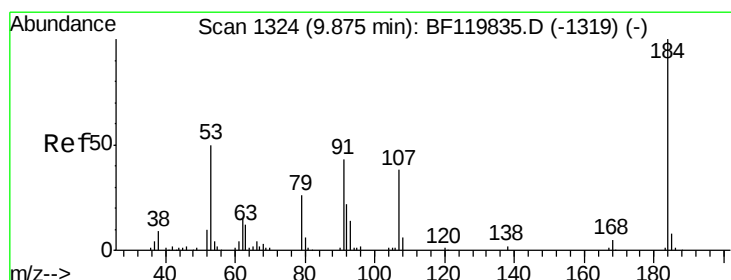
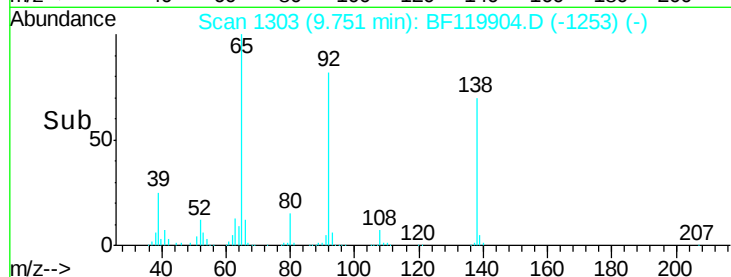
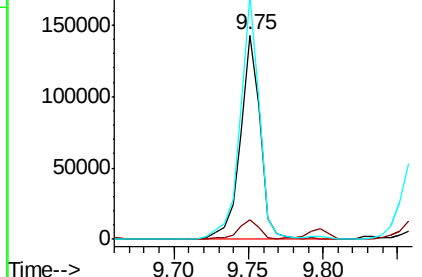
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 111.377 ng

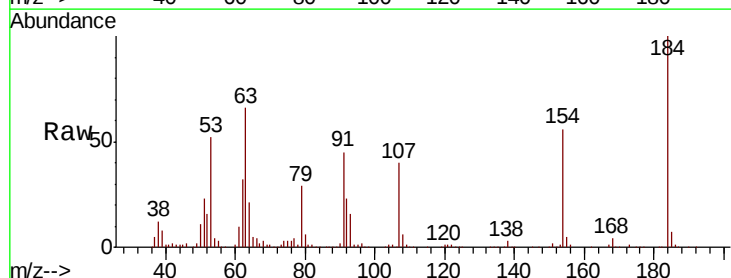
RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

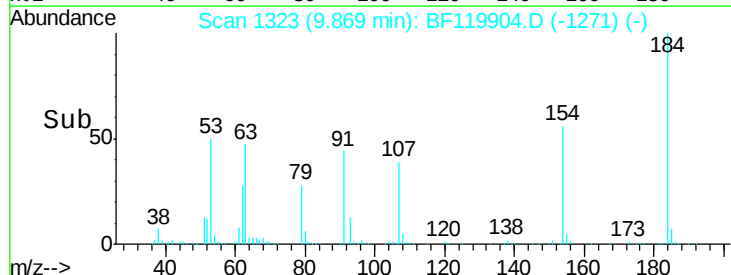
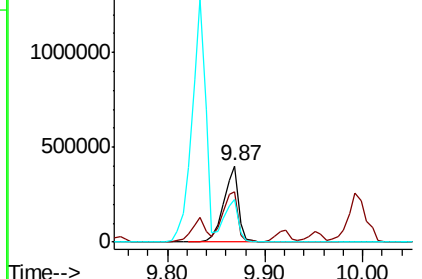
Tgt Ion:	184	Resp:	427648
Ion Ratio	Lower	Upper	
184	100		
63	65.8	49.8	74.6
154	56.2	46.5	69.7

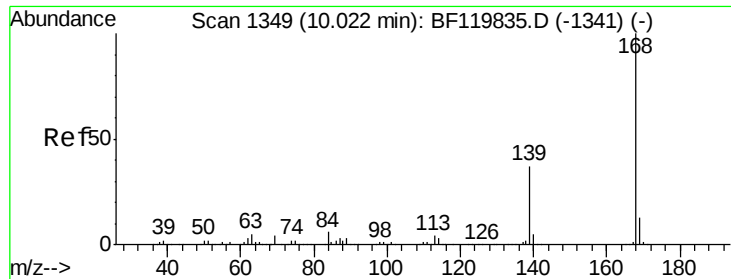


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





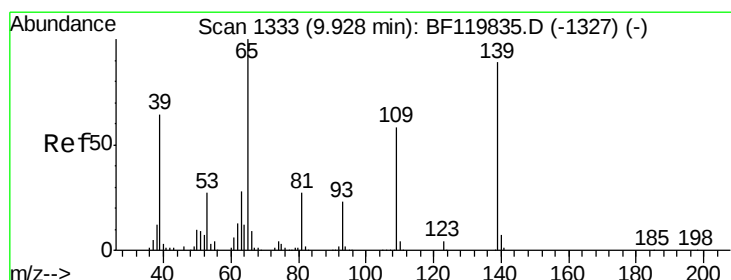
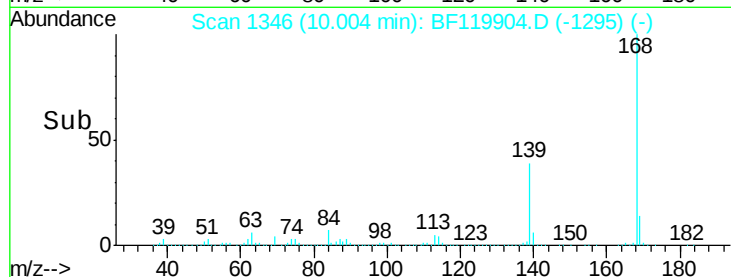
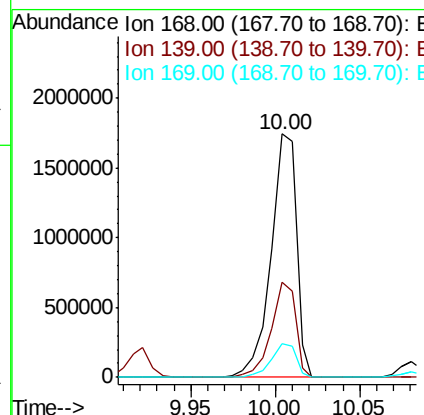
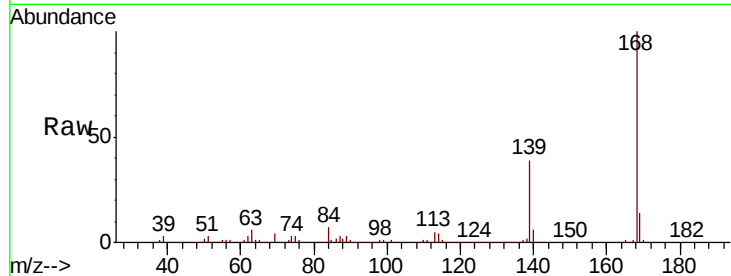
#55
Dibenzofuran
Concen: 53.050 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	29.8	44.6
169	14.0	10.6	15.8

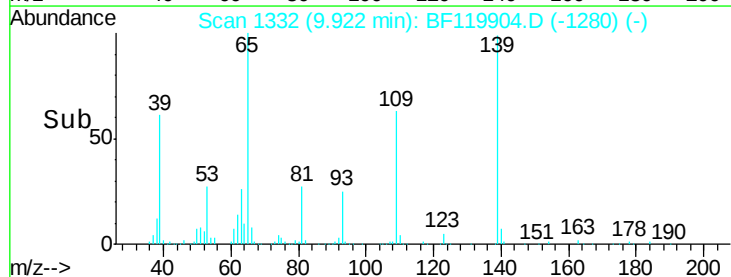
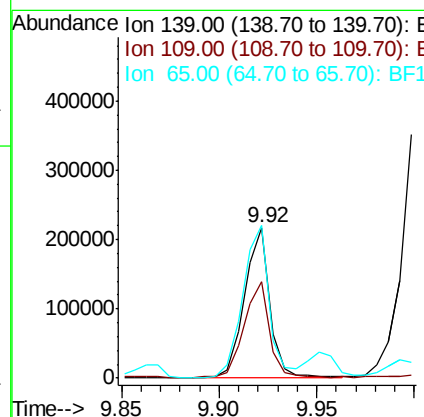
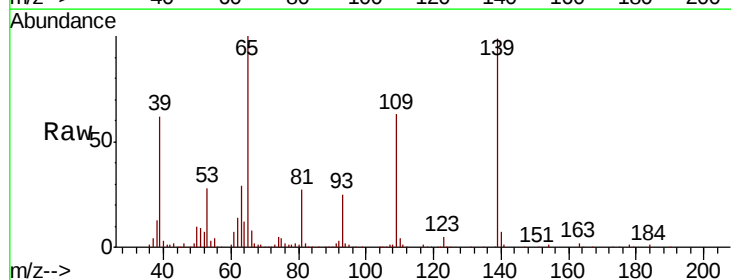
Manual Integrations
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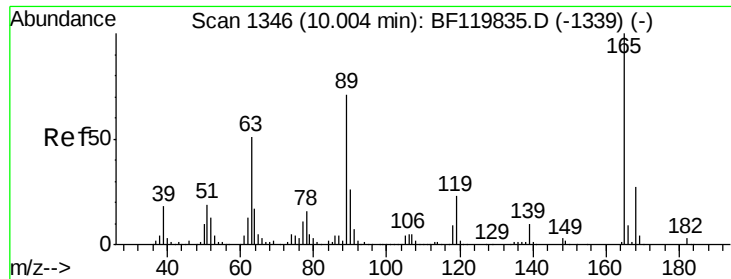
mohammad
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#56
4-Nitrophenol
Concen: 36.102 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.6	45.5	85.5
65	101.3	92.3	132.3





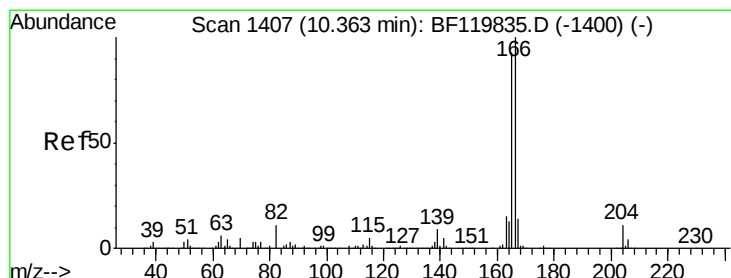
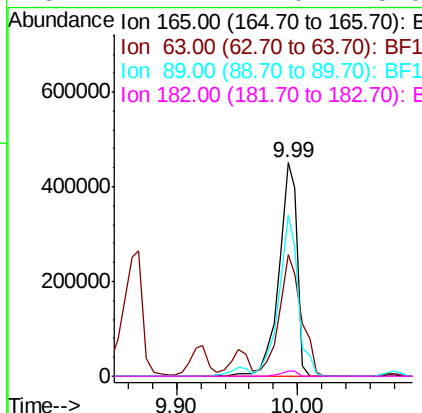
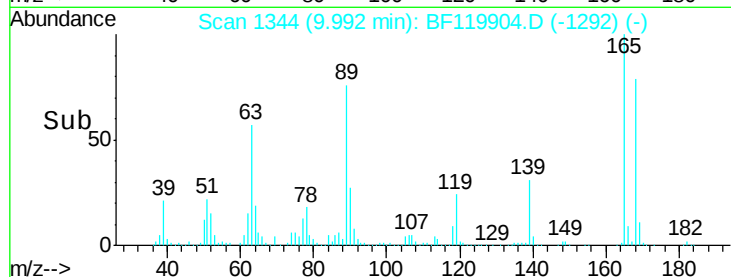
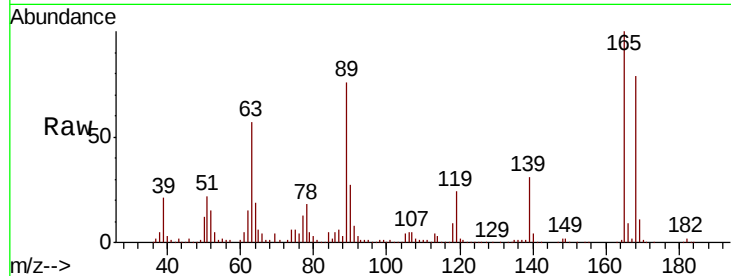
#57
2,4-Dinitrotoluene
Concen: 55.705 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		470685		
63	56.9	40.8	61.2		
89	75.8	56.9	85.3		
182	2.4	2.0	3.0		

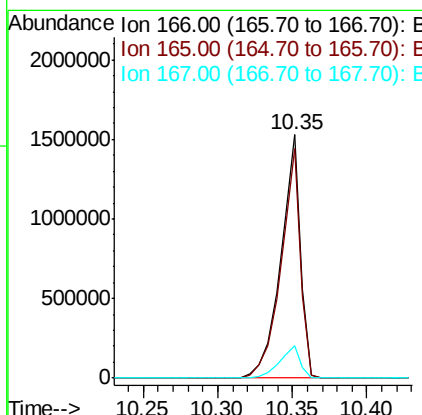
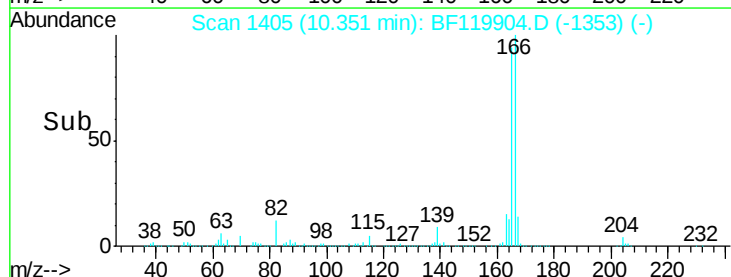
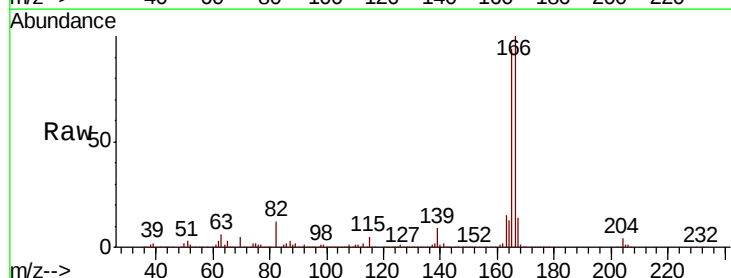
Manual Integrations
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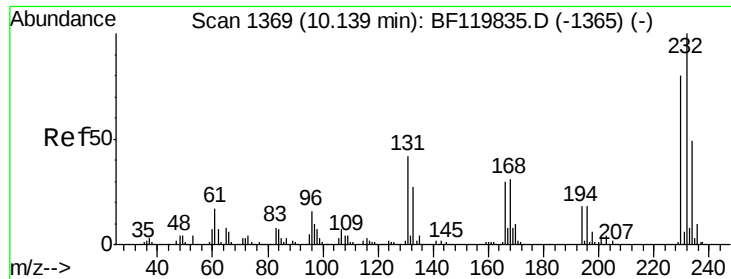
mohammad
4/14/2020 3:39:16 PM



#58
Fluorene
Concen: 51.517 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1412081		
165	94.2	74.2	111.2		
167	13.6	10.8	16.2		





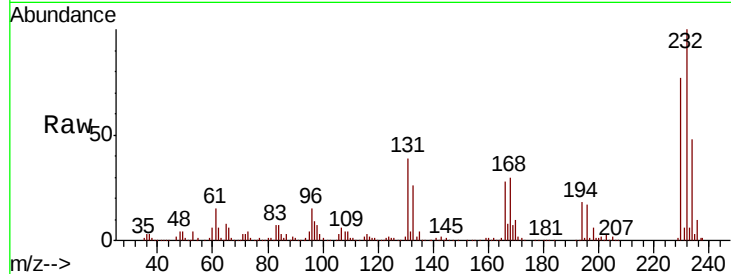
#59
2,3,4,6-Tetrachlorophenol
Concen: 54.990 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

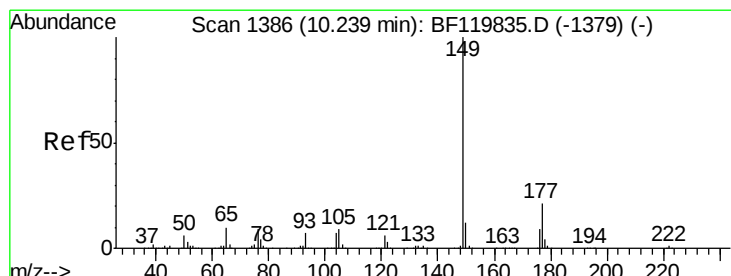
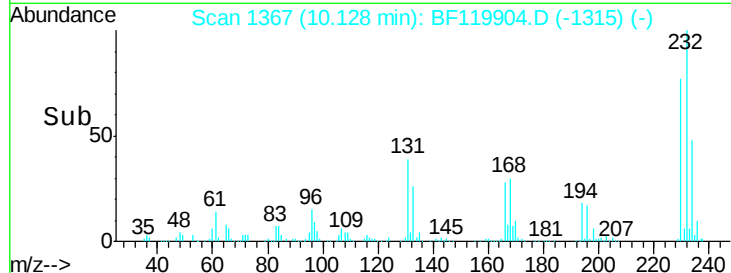
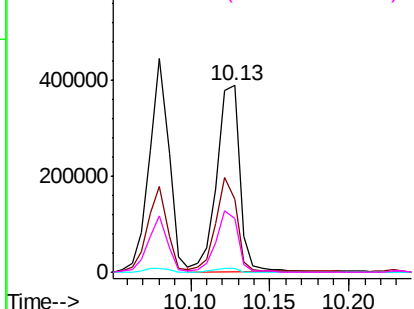
Tot Ion	Ratio	Resp	Lower	Upper
232	100	391177		
131	46.2	37.9	56.9	
130	2.3	1.8	2.6	
166	31.3	25.4	38.0	

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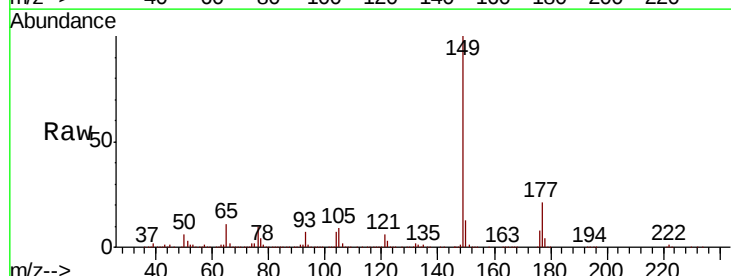


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

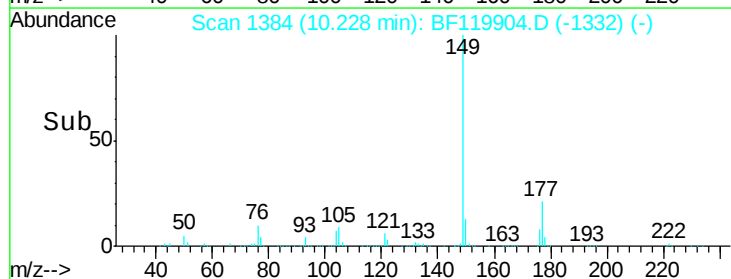
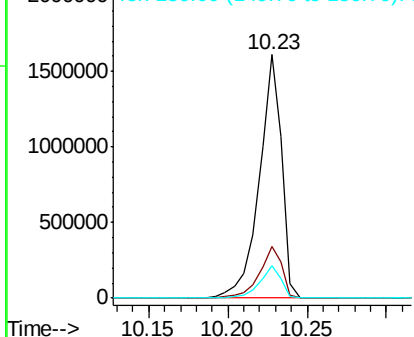


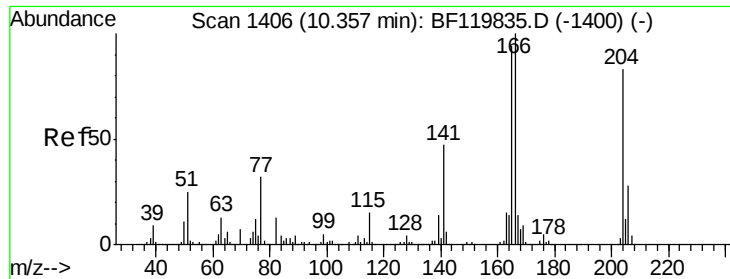
#60
Diethylphthalate
Concen: 52.106 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1581630		
177	21.3	16.8	25.2	
150	13.3	9.8	14.6	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





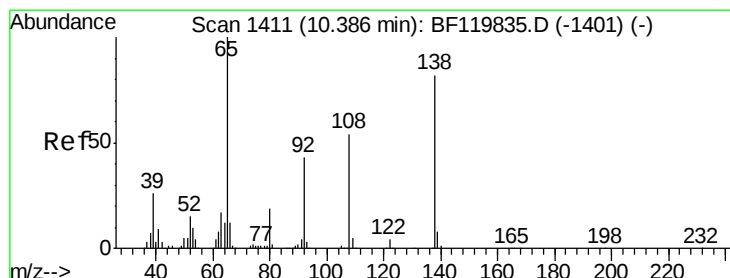
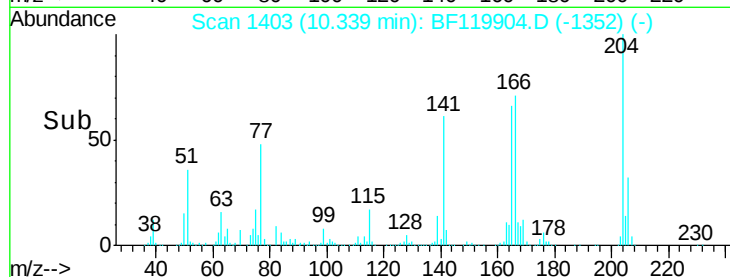
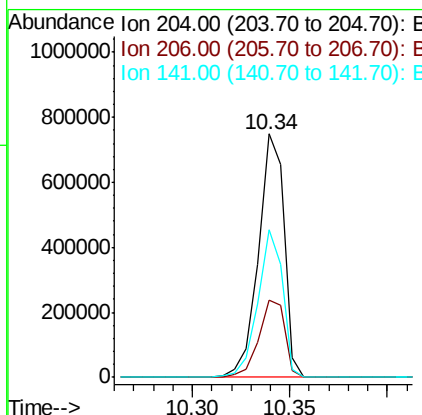
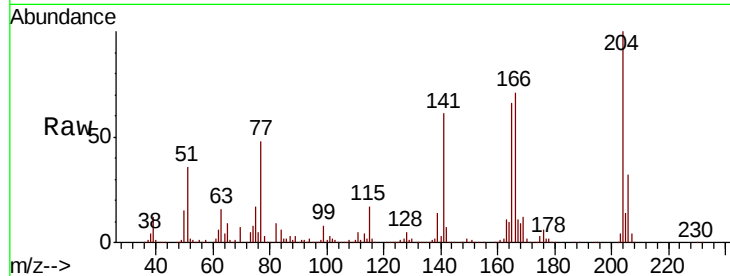
#61
 4-Chlorophenyl-phenylether
 Concen: 48.644 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion:	204	Resp:	683385
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.7	40.1
141	60.6	45.8	68.8

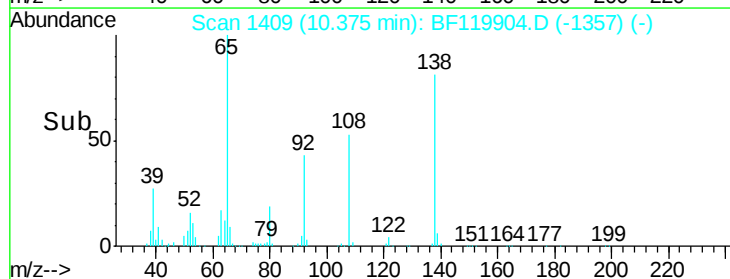
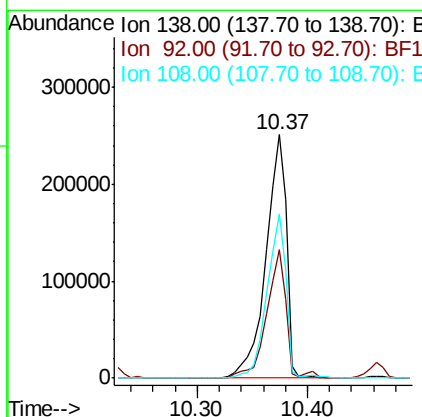
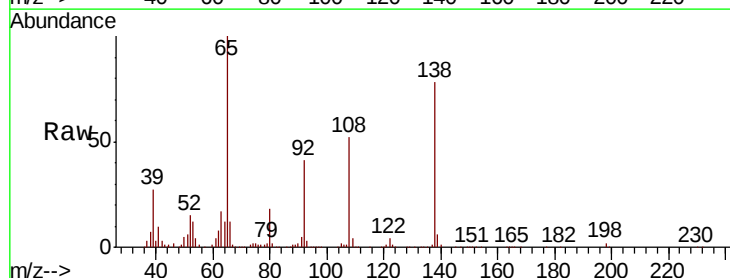
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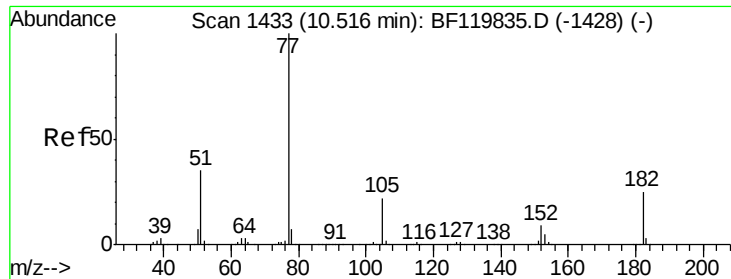
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#62
 4-Nitroaniline
 Concen: 47.002 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:	138	Resp:	328097
Ion Ratio	Lower	Upper	
138	100		
92	52.7	31.6	71.6
108	67.4	45.2	85.2





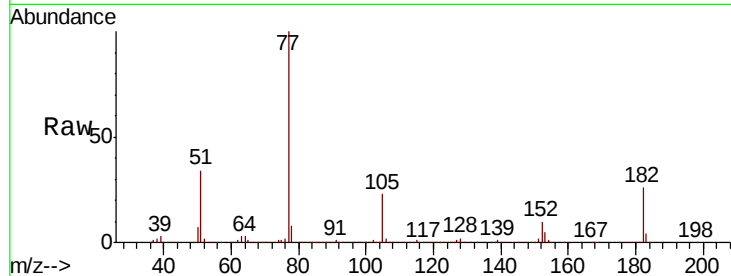
#63
Azobenzene
Concen: 55.034 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

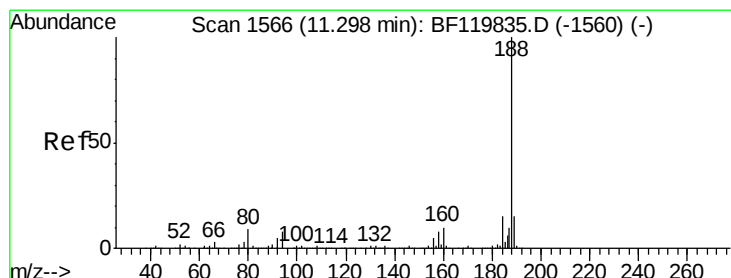
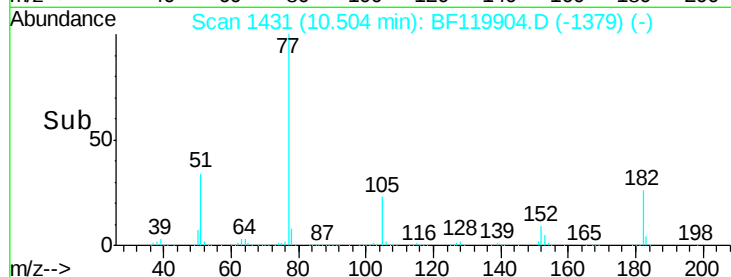
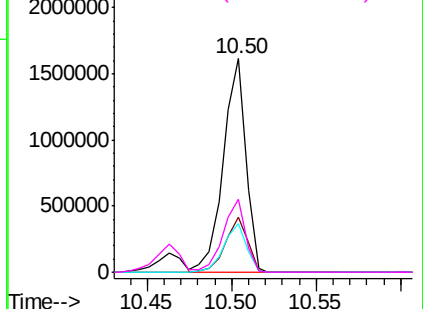
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	22.9	2.2	42.2
51	34.4	15.1	55.1

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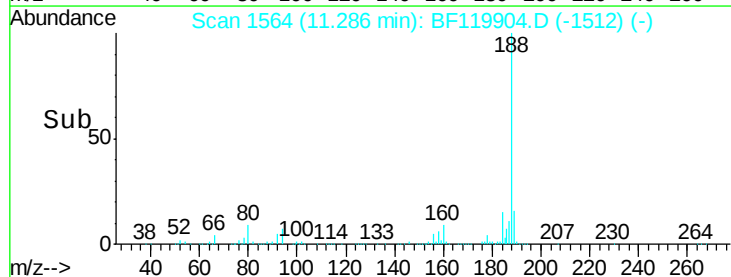
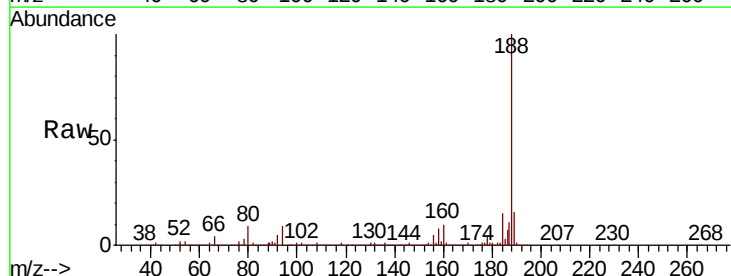
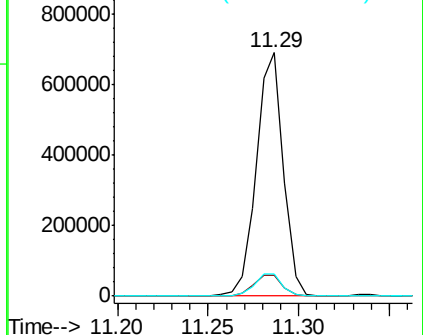
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

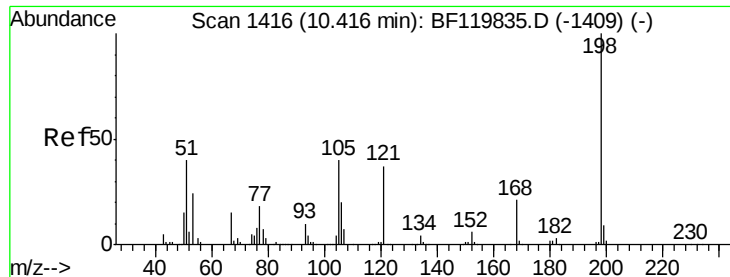


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.2	7.4	11.2

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





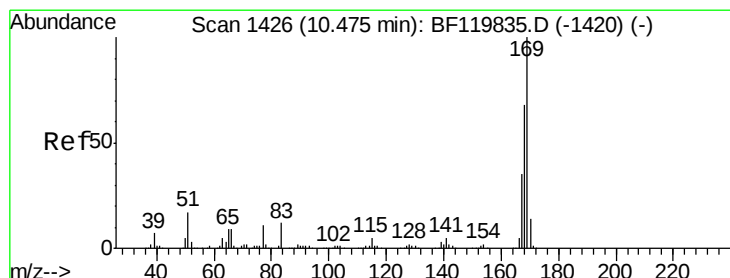
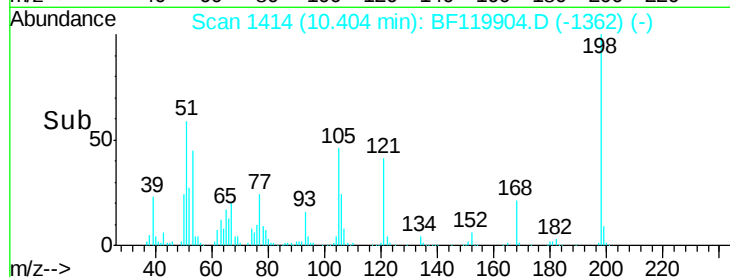
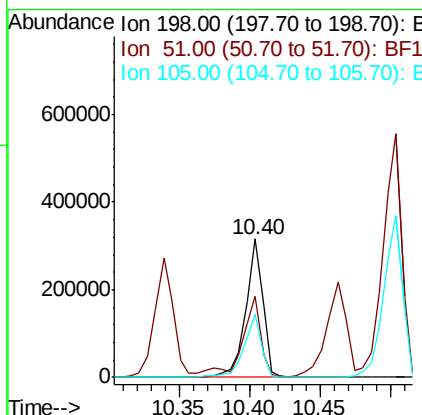
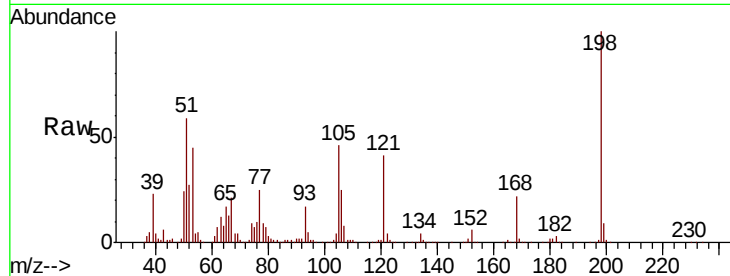
#65
4,6-Dinitro-2-methylphenol
Concen: 57.931 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	271160		
51	58.7	25.2	65.2	
105	45.6	20.8	60.8	

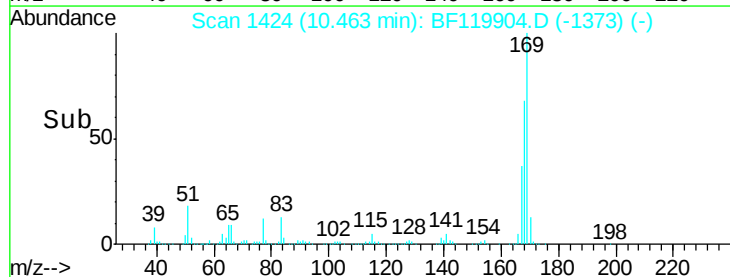
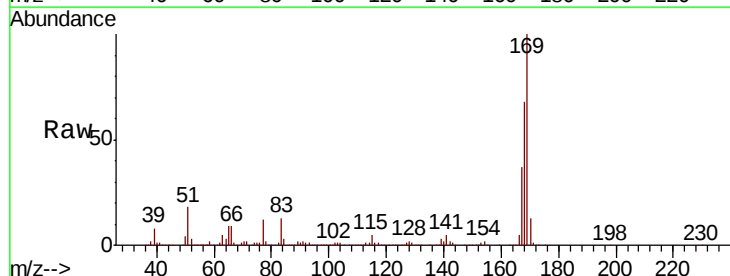
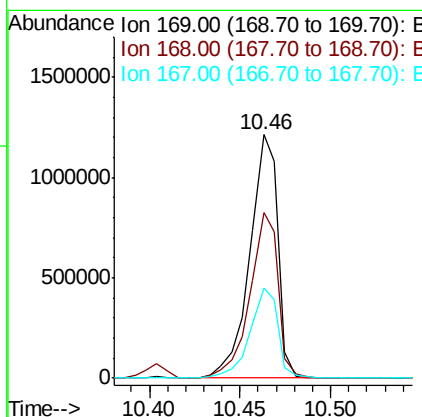
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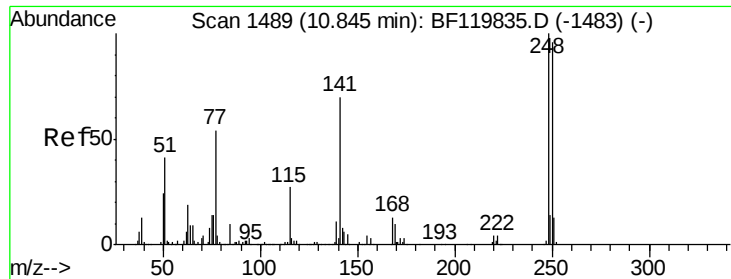
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#66
n-Nitrosodiphenylamine
Concen: 55.146 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1303023		
168	67.8	54.2	81.4	
167	37.2	28.3	42.5	





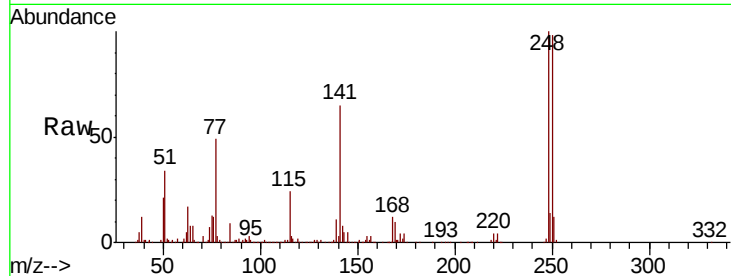
#67
4-Bromophenyl-phenylether
Concen: 51.734 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.6	114.8
141	65.3	55.9	83.9

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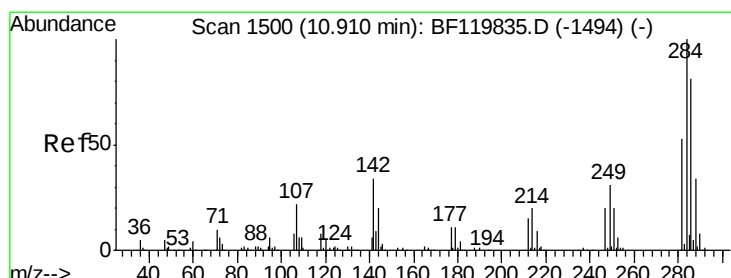
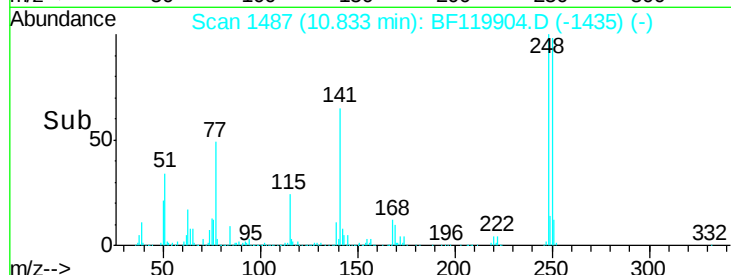
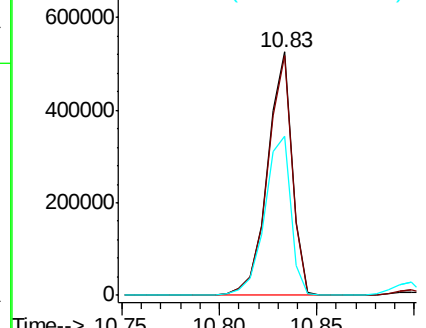


Abundance

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: 54.146 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

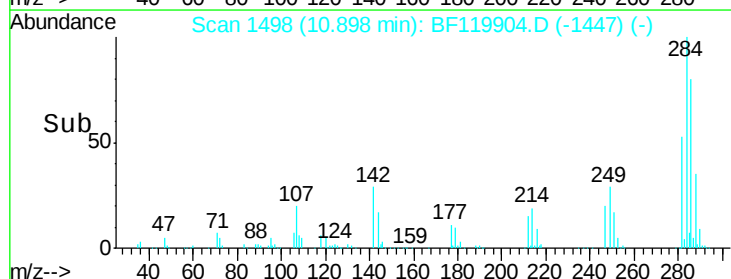
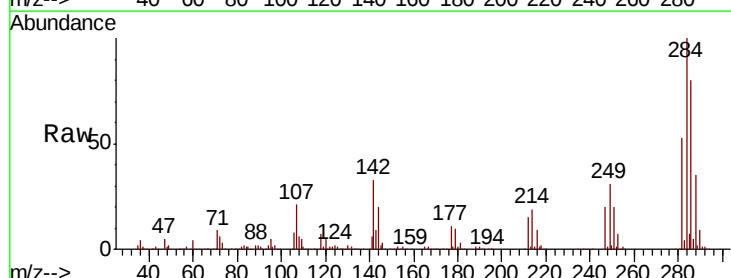
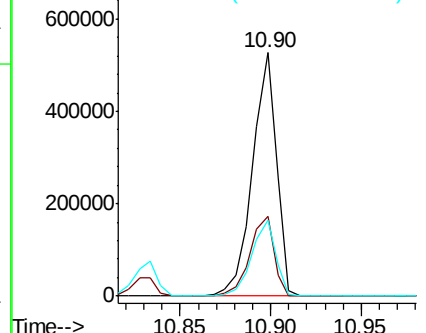
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.9	40.3
249	31.1	24.6	37.0

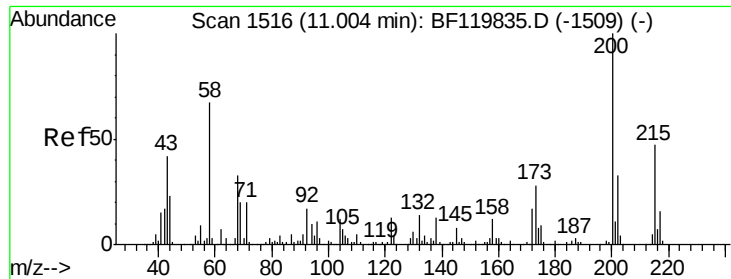
Abundance

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





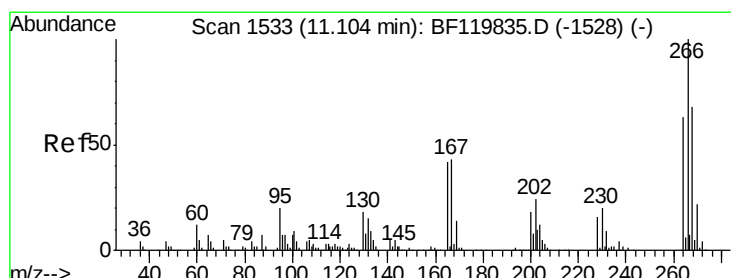
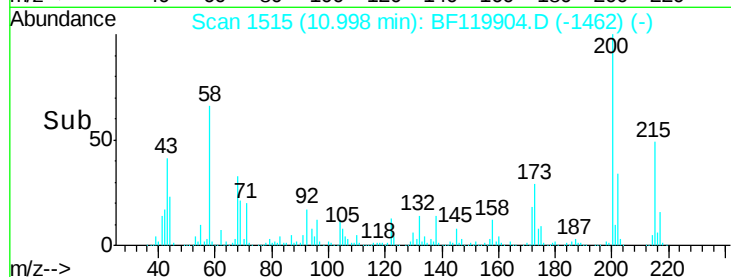
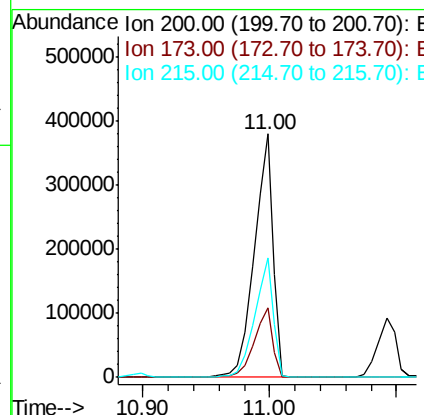
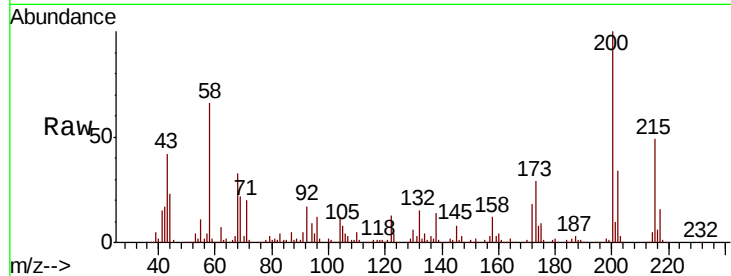
#69
Atrazine
Concen: 59.401 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	390516		
173	28.6	8.0	48.0	
215	49.0	27.1	67.1	

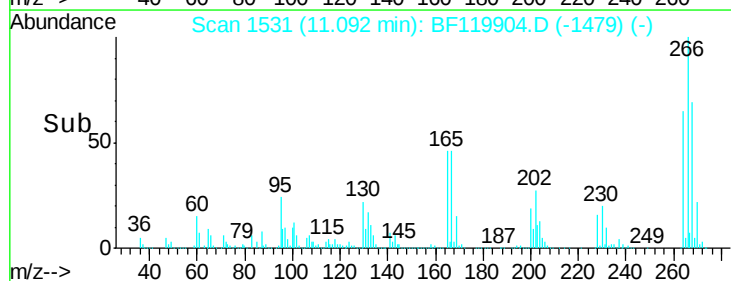
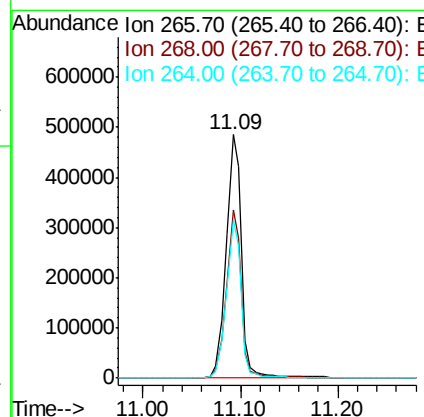
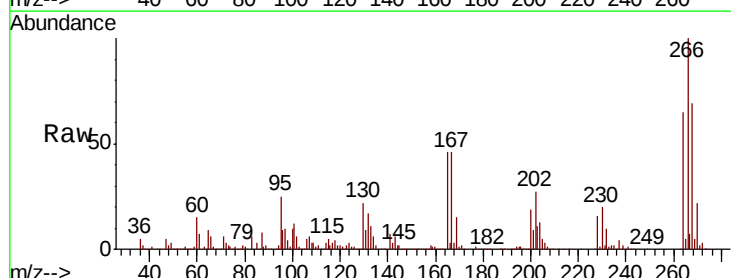
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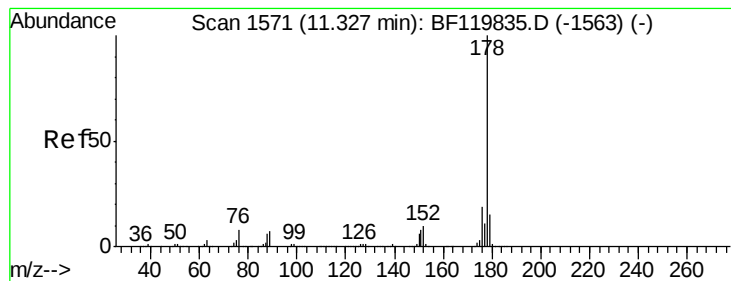
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#70
Pentachlorophenol
Concen: 102.503 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	529468		
268	69.0	54.2	81.4	
264	65.0	50.6	76.0	





#71

Phenanthrene

Concen: 53.909 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

MW-1DMSD

Tot Ion:178 Resp: 2038441

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

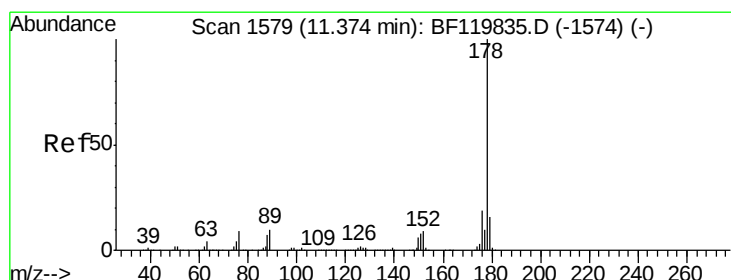
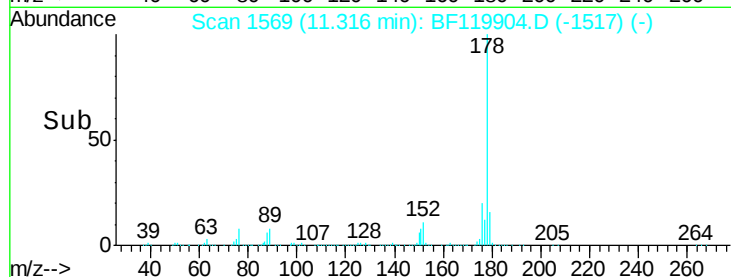
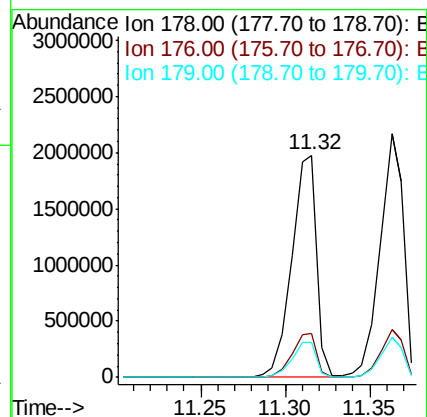
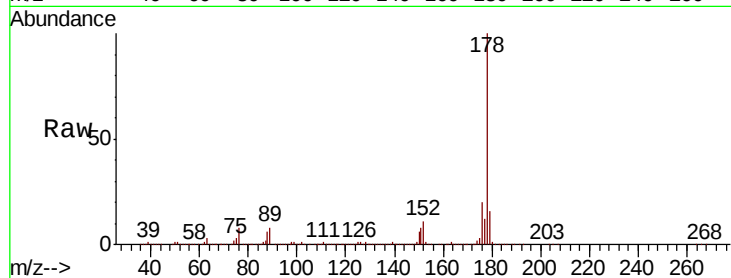
179 15.8 12.2 18.4

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#72

Anthracene

Concen: 54.799 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

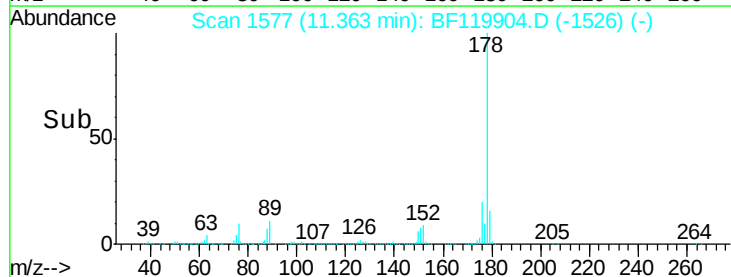
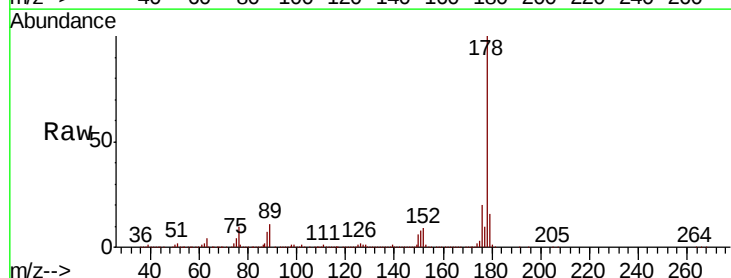
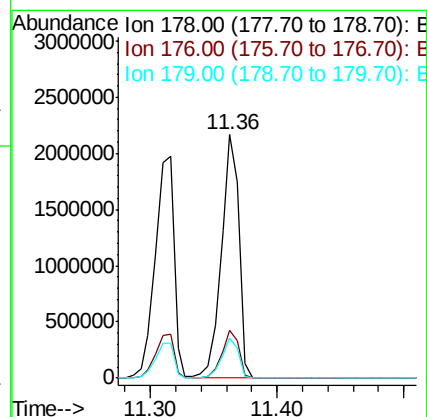
Tgt Ion:178 Resp: 2116765

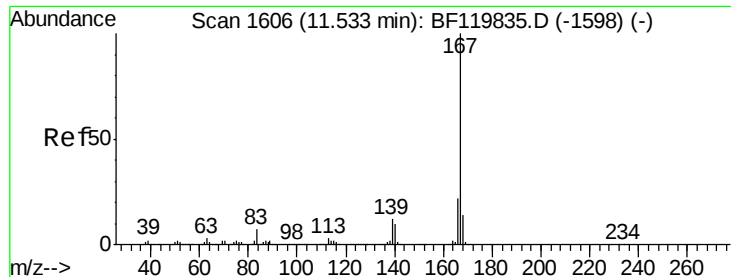
Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

179 16.3 12.8 19.2





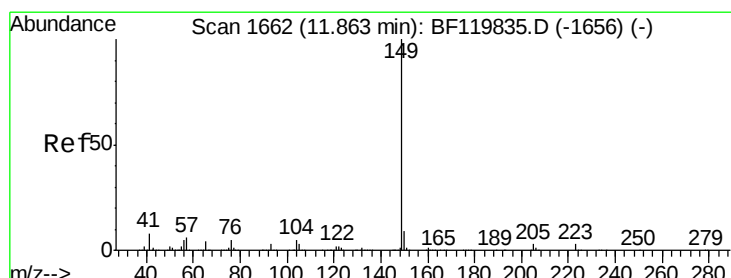
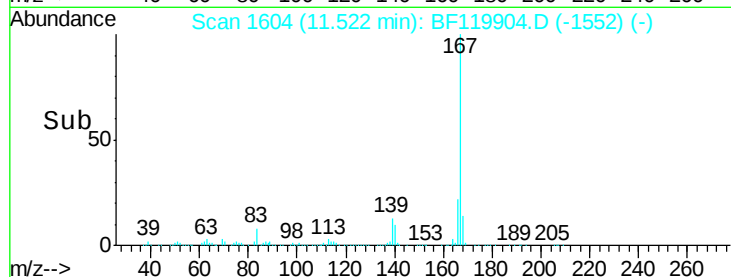
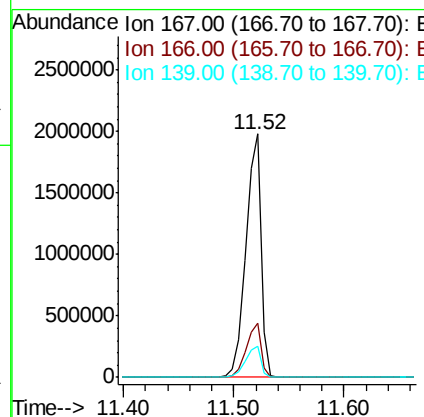
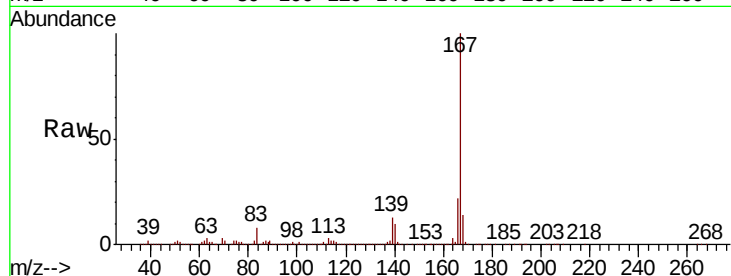
#73
 Carbazole
 Concen: 52.446 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.0	9.8	14.8

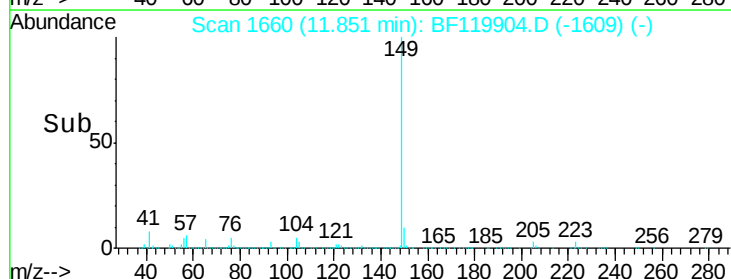
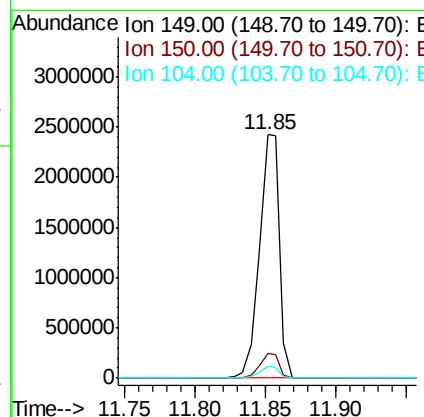
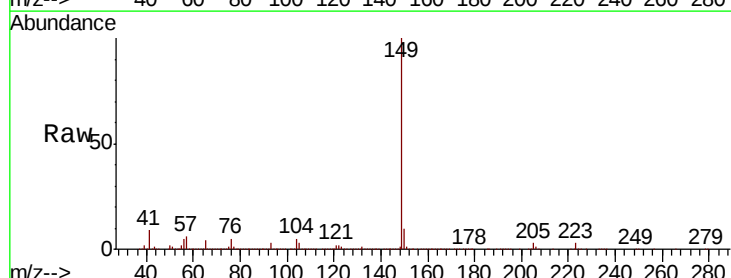
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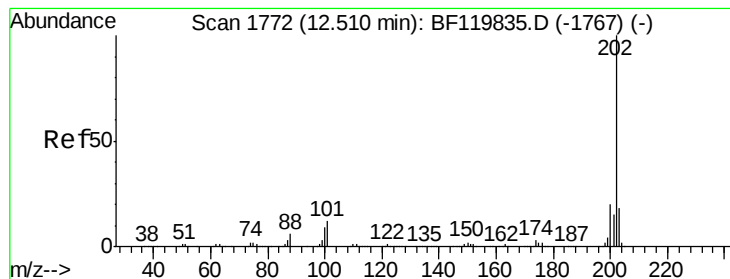
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#74
 Di-n-butylphthalate
 Concen: 50.300 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.8	3.8	5.6





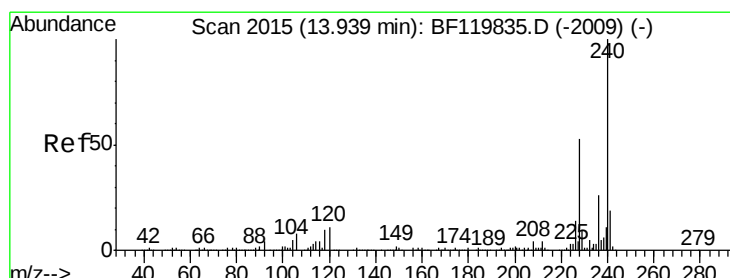
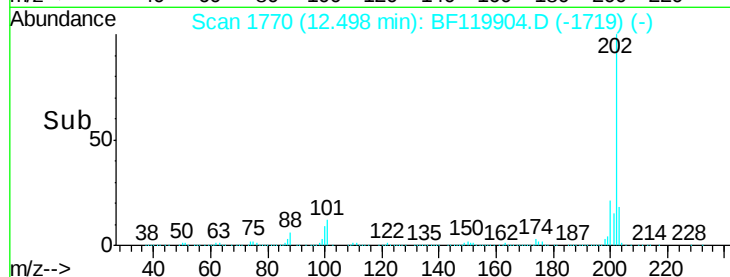
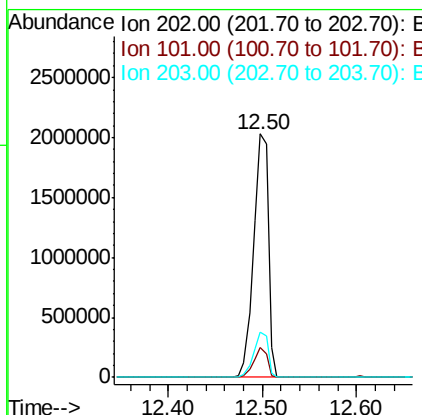
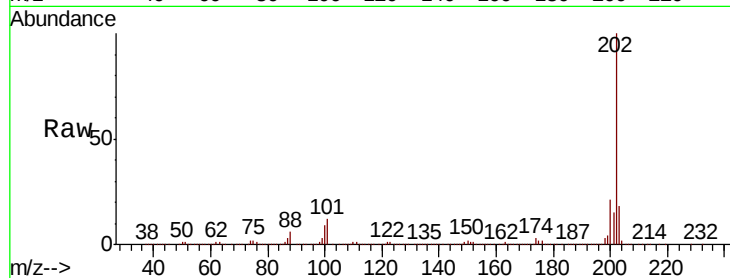
#75
Fluoranthene
Concen: 54.067 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampled :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.3
203	18.4	0.0	37.6

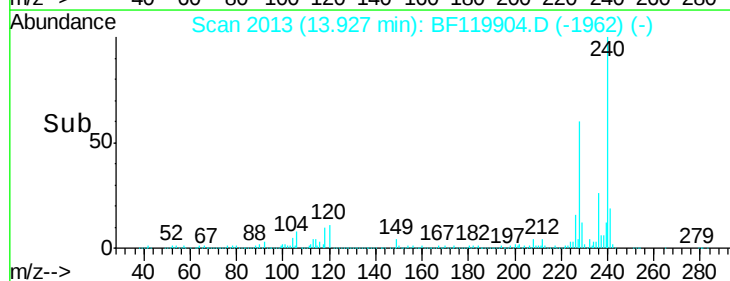
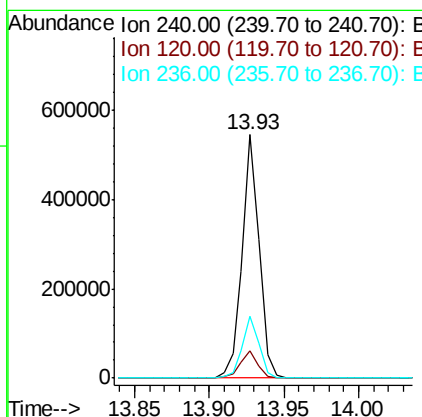
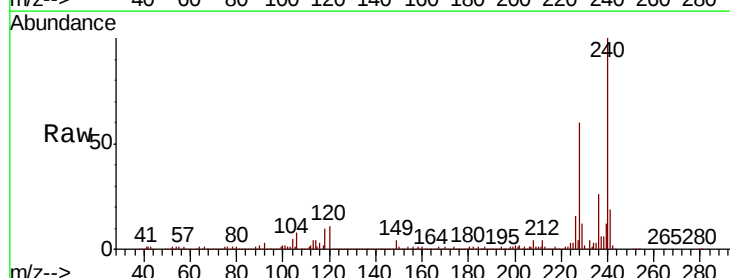
Manual Integrations
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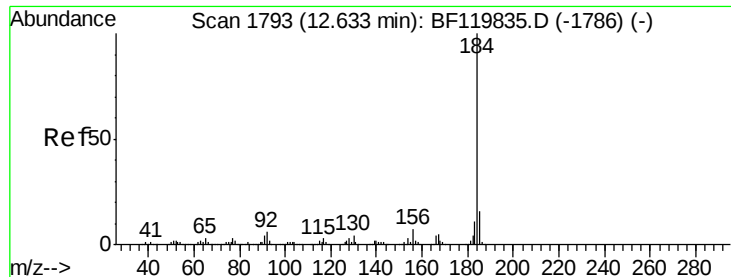
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 25.456 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

MW-1DMSD

Tot Ion:184 Resp: 373779

Ion Ratio Lower Upper

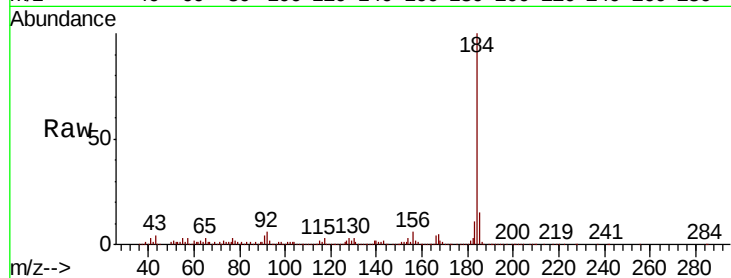
184 100

185 14.7 13.2 19.8

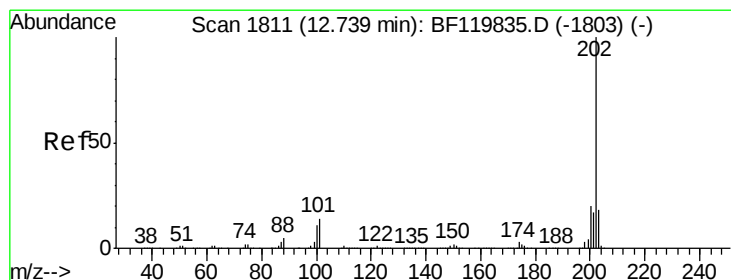
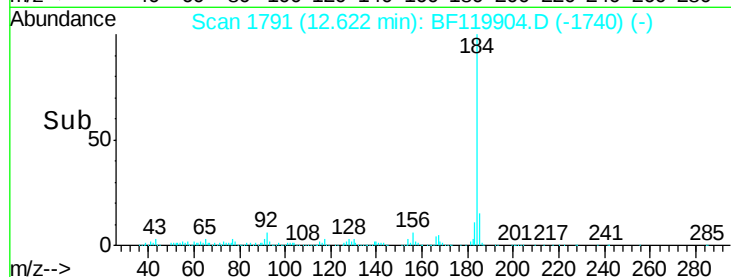
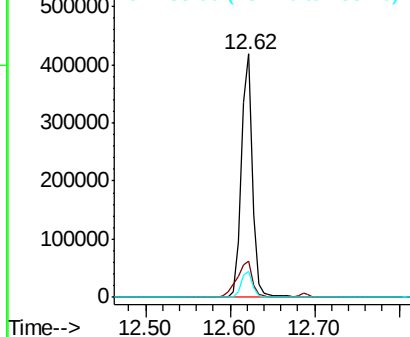
183 10.9 9.1 13.7

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



#78

Pyrene

Concen: 58.977 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

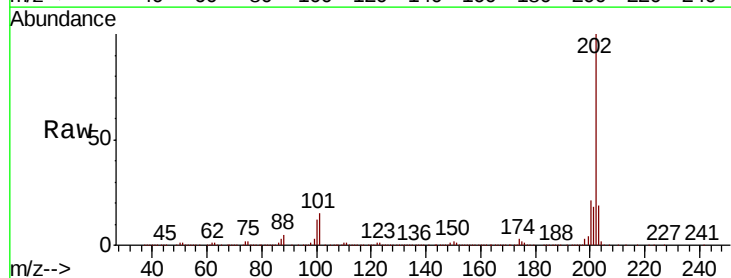
Tgt Ion:202 Resp: 2159708

Ion Ratio Lower Upper

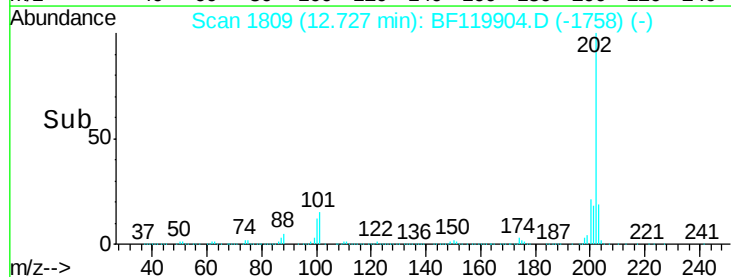
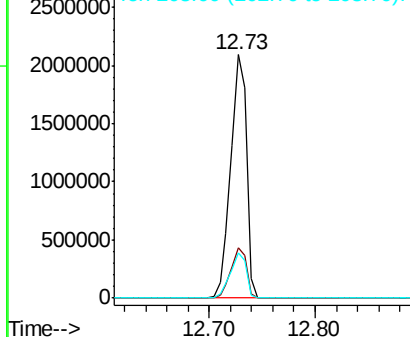
202 100

200 20.7 16.2 24.2

203 18.7 14.1 21.1



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





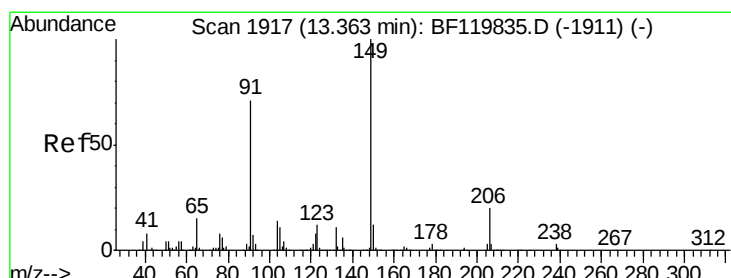
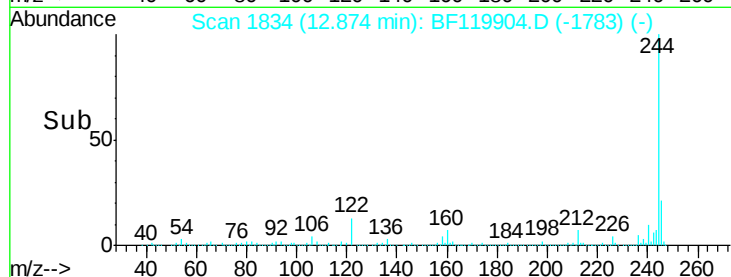
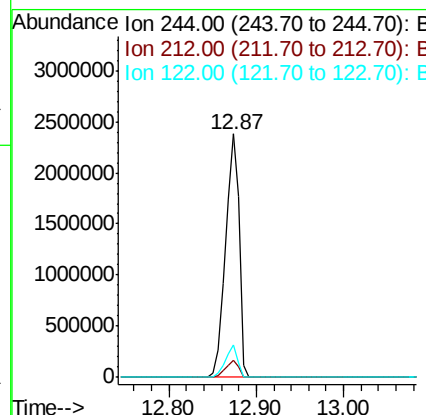
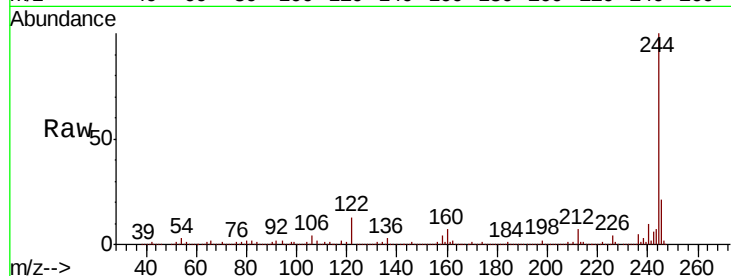
#79
 Terphenyl-d14
 Concen: 99.466 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Instrument :
 BNA_F
 ClientSampleId :
 MW-1DMSD

Tot Ion:244 Resp: 2567742
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 10.3 15.5

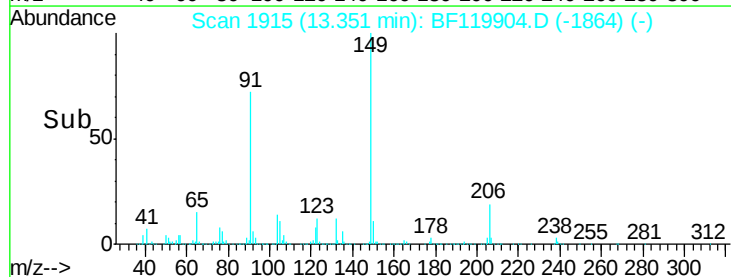
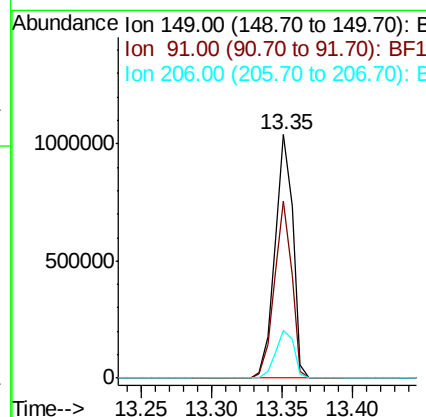
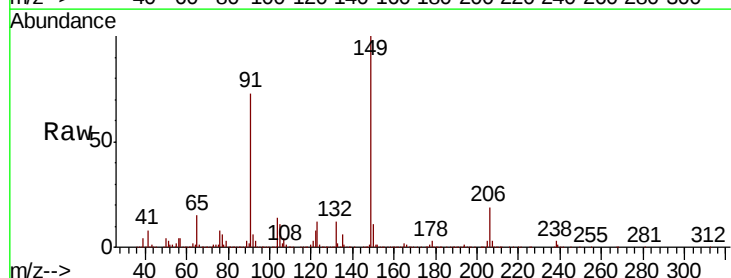
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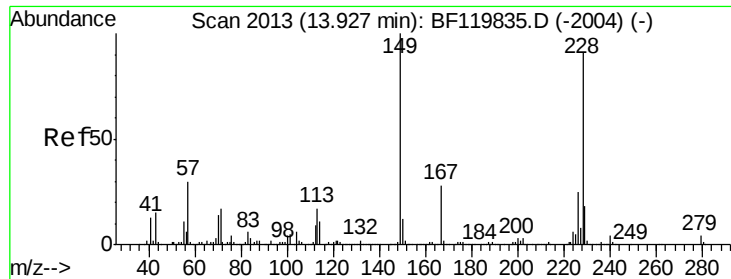
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.265 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BF119904.D
 Acq: 10 Apr 2020 19:33

Tgt Ion:149 Resp: 928692
 Ion Ratio Lower Upper
 149 100
 91 72.6 56.7 85.1
 206 19.5 15.7 23.5





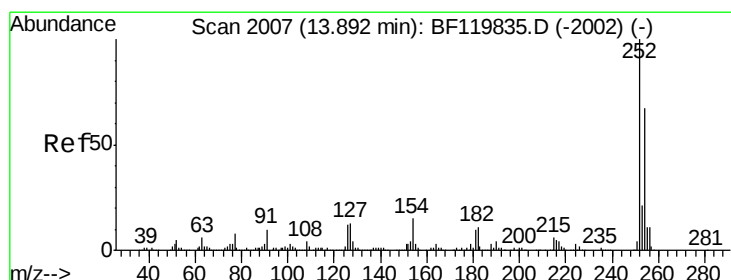
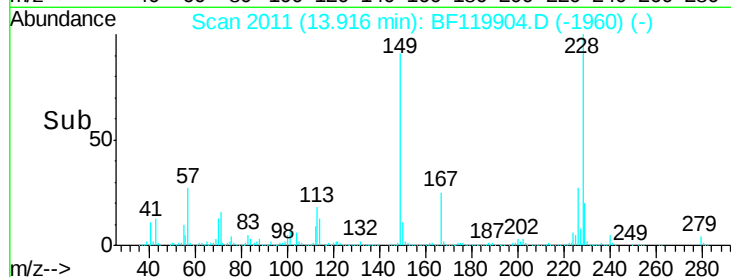
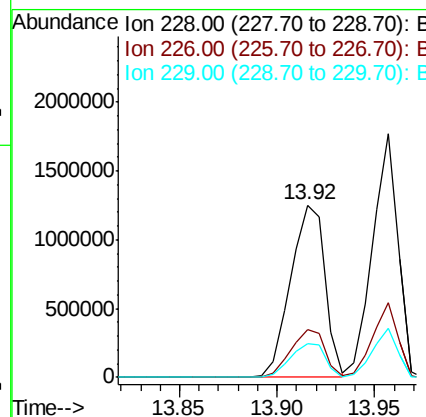
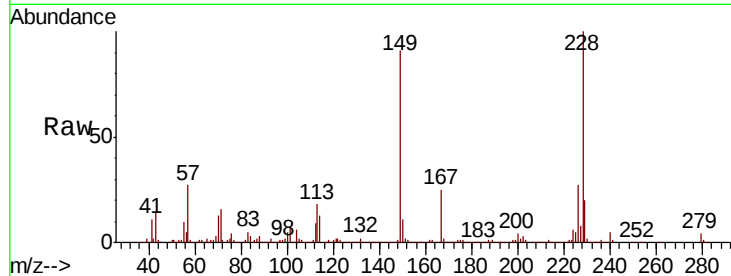
#81
Benzo(a)anthracene
Concen: 53.355 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion:228 Resp: 1524704
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.5 15.9 23.9

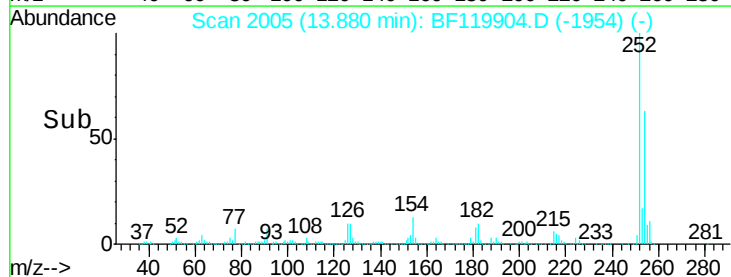
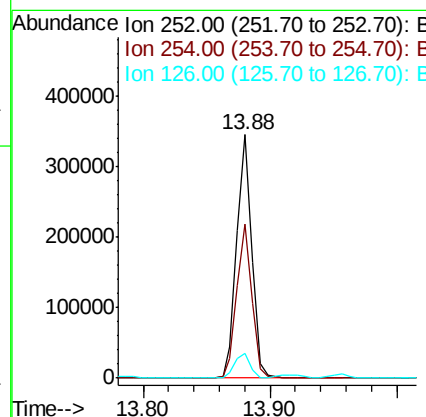
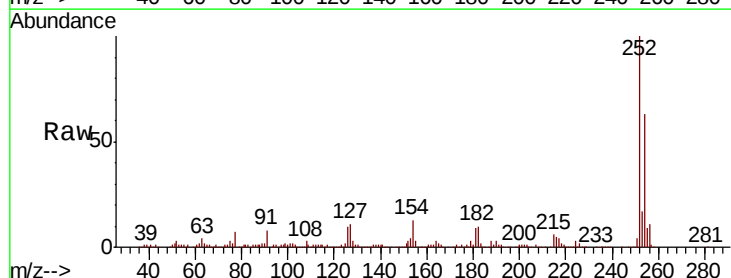
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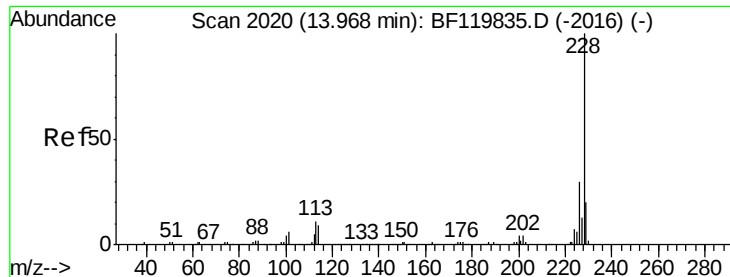
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#82
3,3'-Dichlorobenzidine
Concen: 26.517 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion:252 Resp: 282740
Ion Ratio Lower Upper
252 100
254 63.2 53.9 80.9
126 10.4 9.7 14.5





#83

Chrvsene

Concen: 55.206 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

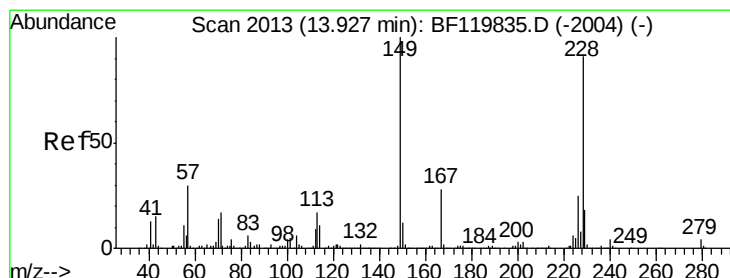
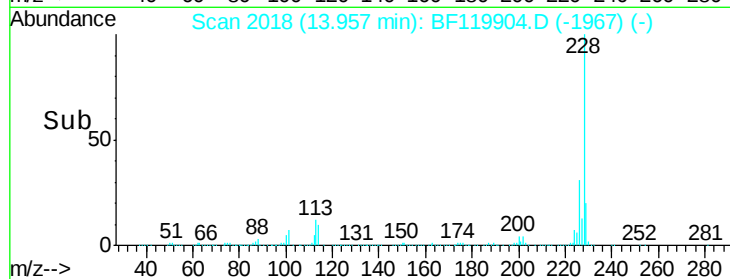
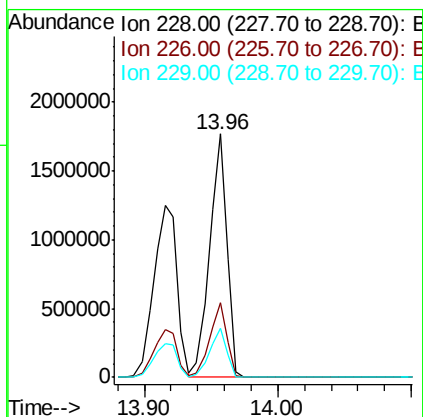
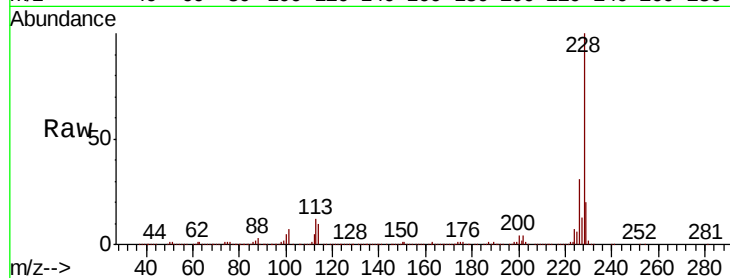
MW-1DMSD

Tot Ion:228 Resp: 1602981

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	20.2	15.9	23.9

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 47.936 ng

RT: 13.92 min Scan# 2011

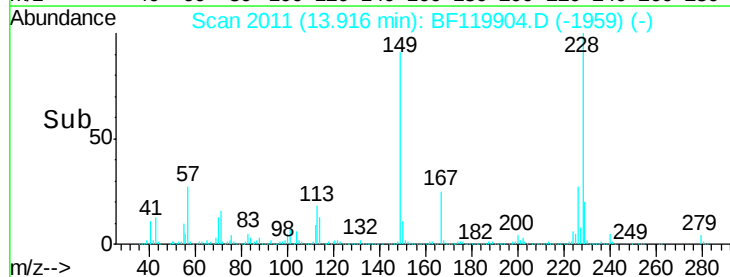
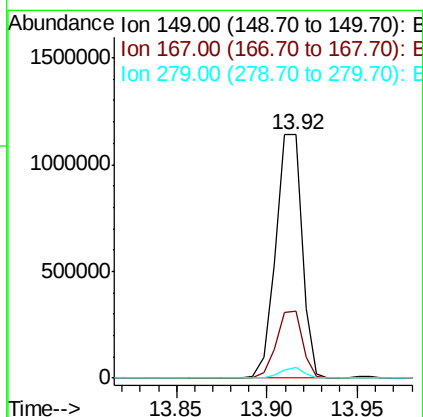
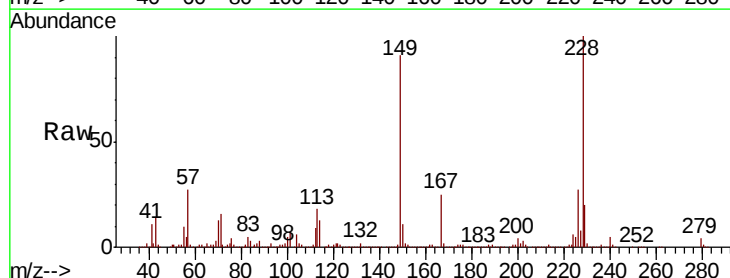
Delta R.T. 0.01 min

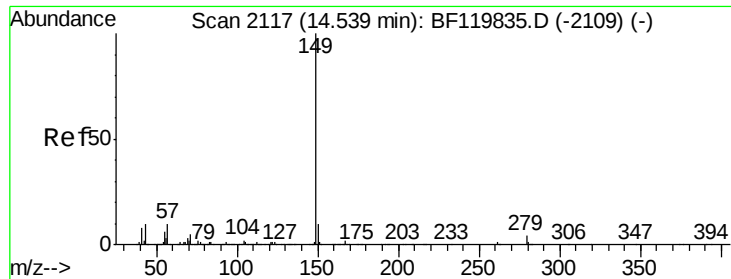
Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Tgt Ion:149 Resp: 1153473

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.1	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 45.986 ng

RT: 14.53 min Scan# 2115

Delta R.T. 0.00 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

MW-1DMSD

Tot Ion:149 Resp: 1884095

Ion Ratio Lower Upper

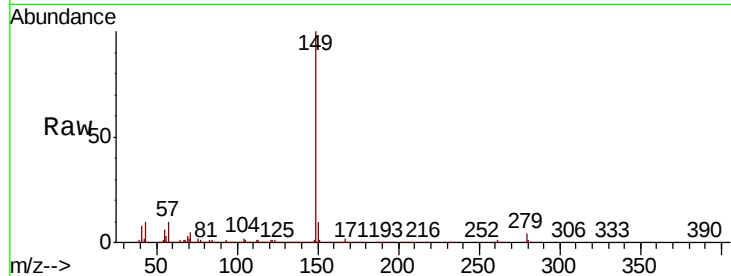
149 100

167 1.5 1.2 1.8

43 11.0 9.2 13.8

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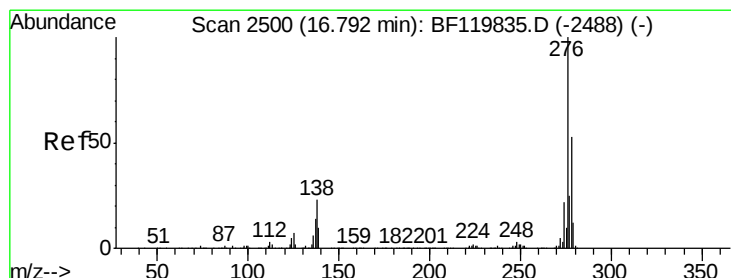
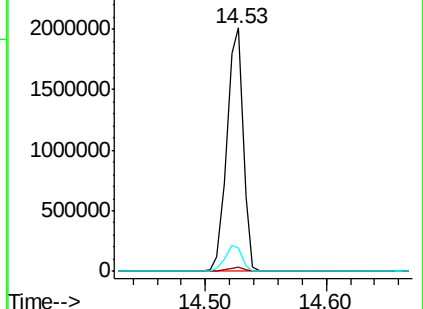
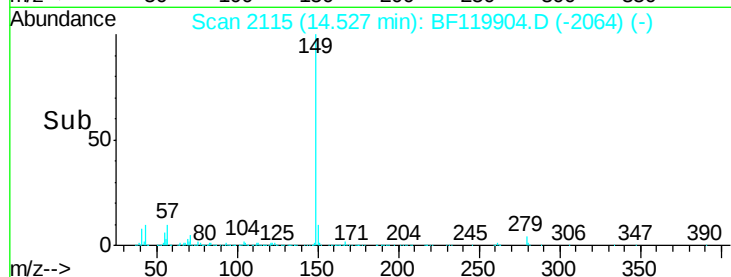
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 57.840 ng

RT: 16.77 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

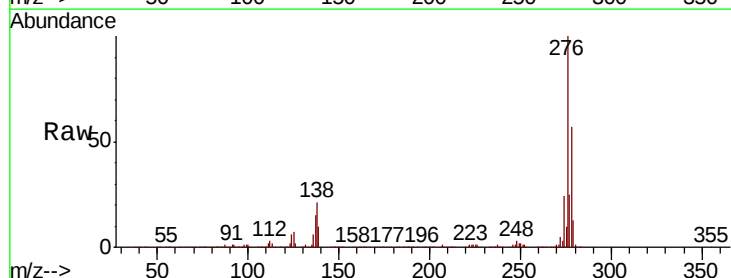
Tgt Ion:276 Resp: 1480424

Ion Ratio Lower Upper

276 100

138 23.1 18.0 27.0

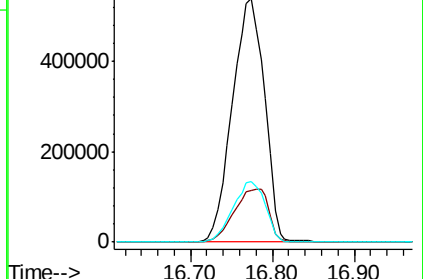
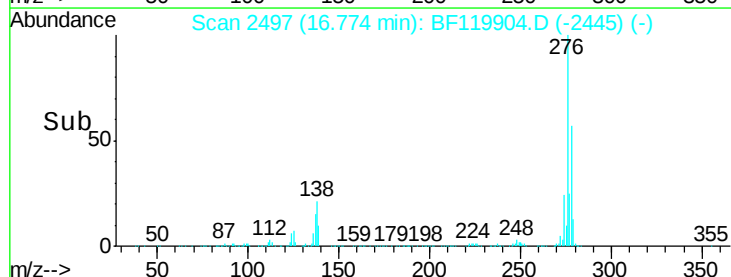
277 25.1 20.1 30.1

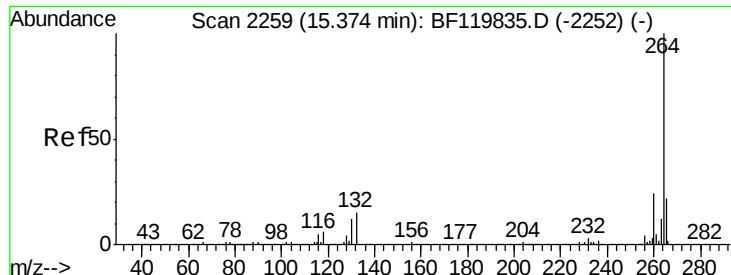


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





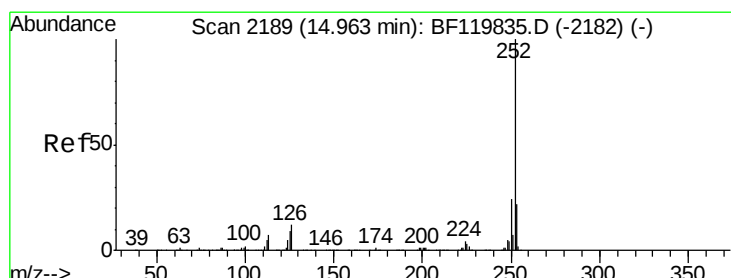
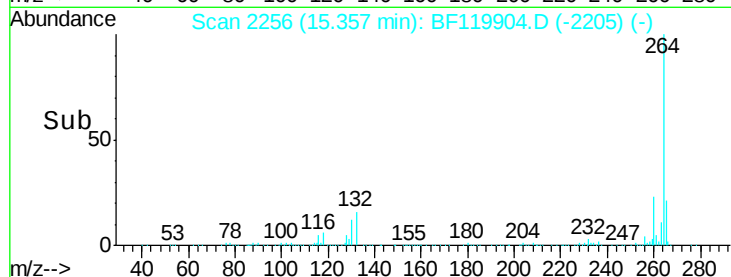
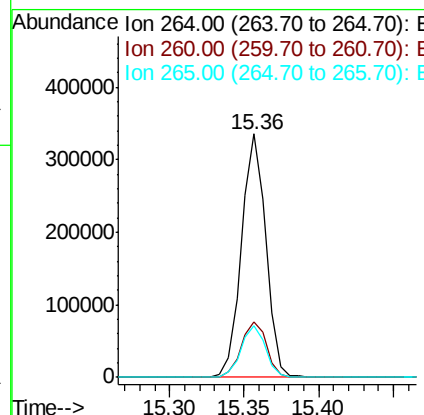
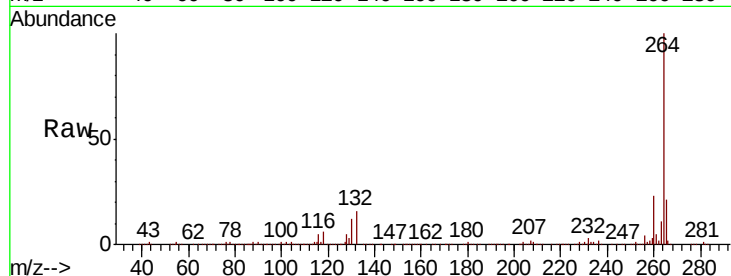
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.5	17.6	26.4

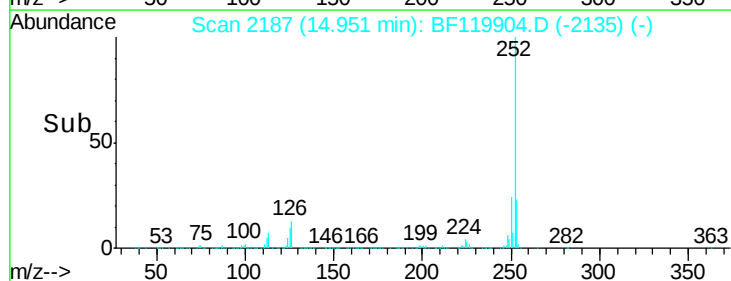
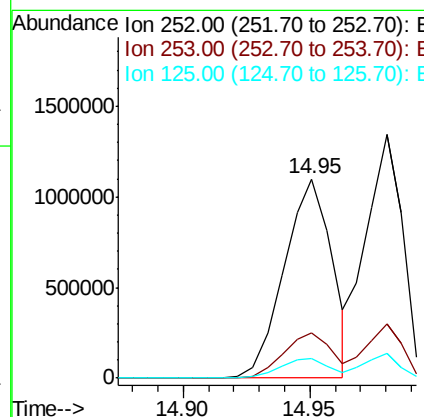
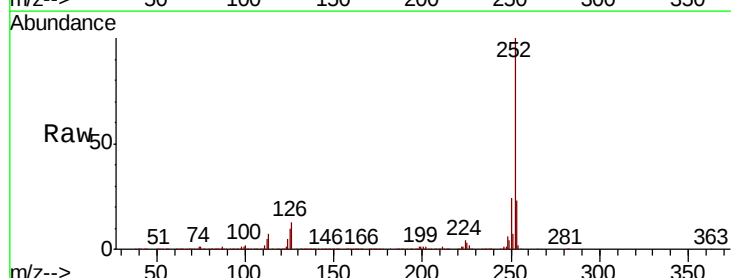
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#88
Benzo(b)fluoranthene
Concen: 52.375 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.9	7.4	11.2





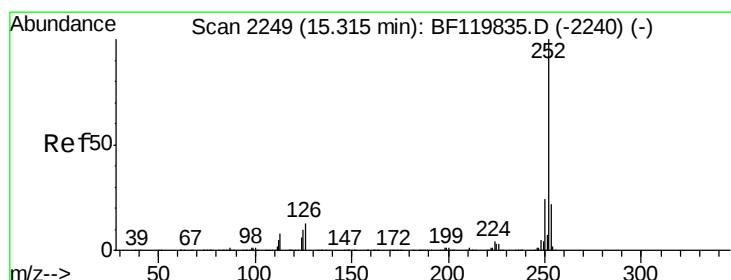
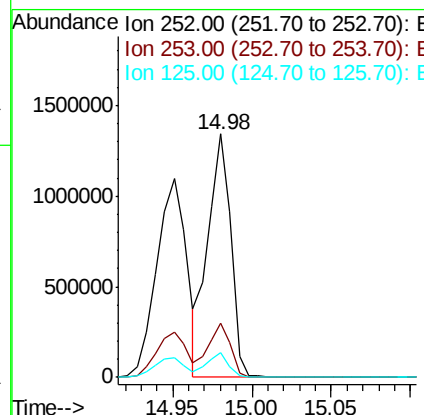
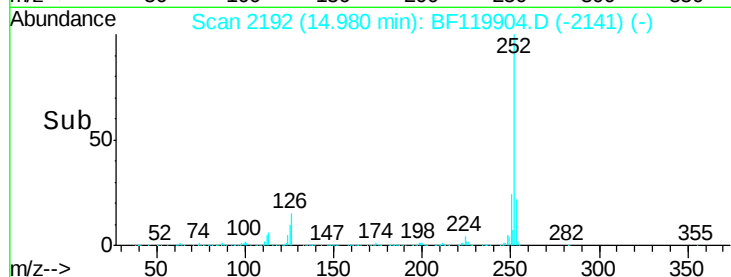
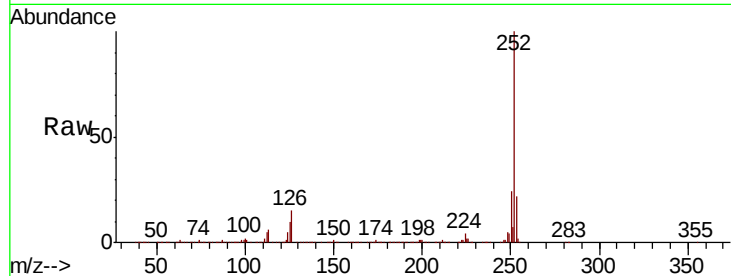
#89
Benzo(k)fluoranthene
Concen: 57.480 ng
RT: 14.98 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Instrument :
BNA_F
ClientSampleId :
MW-1DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.2	7.7	11.5

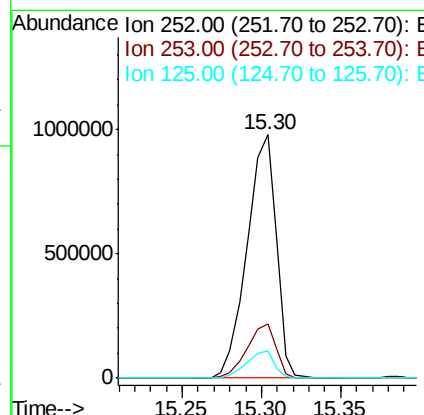
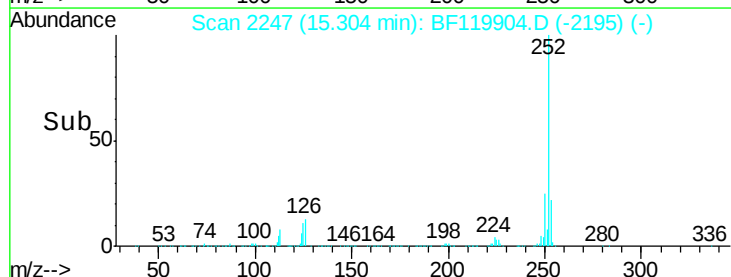
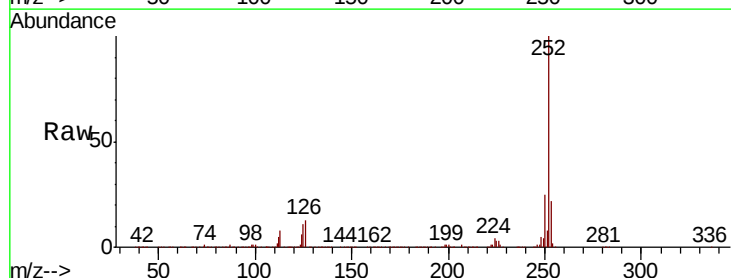
Manual Integrations
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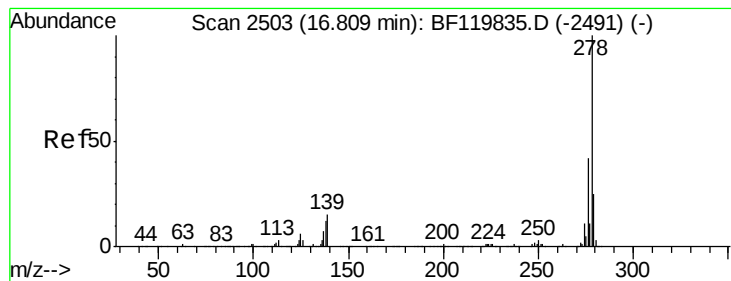
mohammad
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#90
Benzo(a)pyrene
Concen: 54.060 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF119904.D
Acq: 10 Apr 2020 19:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	11.1	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 59.339 ng

RT: 16.79 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

Instrument :

BNA_F

ClientSampleId :

MW-1DMSD

Tot Ion:278 Resp: 1217505

Ion Ratio Lower Upper

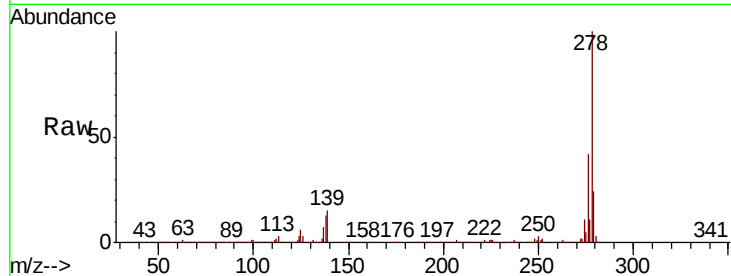
278 100

139 14.8 11.6 17.4

279 23.5 19.7 29.5

Manual Integrations
APPROVED

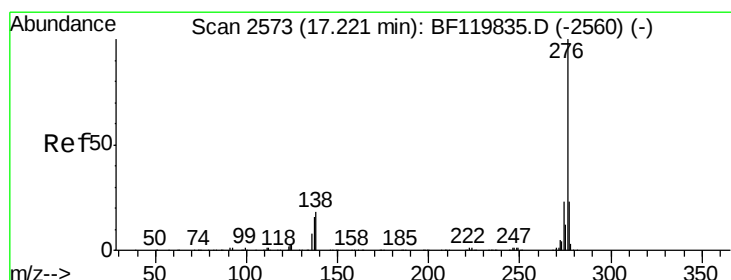
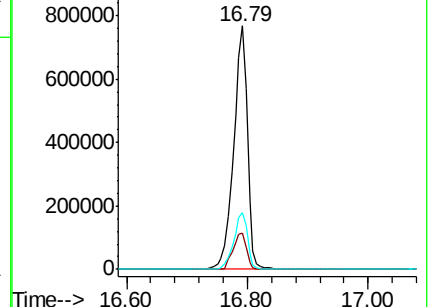
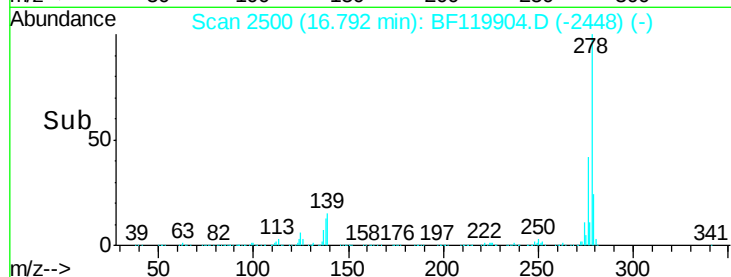
mohammad
4/14/2020 3:39:16 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.486 ng

RT: 17.20 min Scan# 2570

Delta R.T. 0.01 min

Lab File: BF119904.D

Acq: 10 Apr 2020 19:33

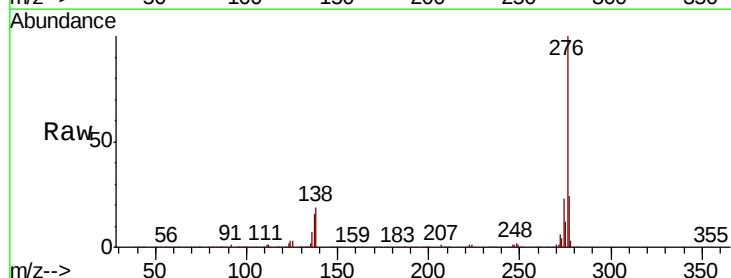
Tgt Ion:276 Resp: 1245296

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 19.1 14.6 22.0



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

