

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120919.D
 Acq On : 17 Jul 2020 13:30
 Operator : JU/CG
 Sample : L3308-24MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Manual Integrations
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mohammad
 7/20/2020 11:26:42 AM

Quant Time: Jul 17 14:04:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	209628	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	792371	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	398576	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	722895	20.00	ng	0.00
76) Chrysene-d12	13.97	240	411086	20.00	ng	0.00
86) Perylene-d12	15.42	264	458030	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1176418	92.00	ng	0.01
7) Phenol-d6	6.46	99	1499807	90.80	ng	0.01
23) Nitrobenzene-d5	7.39	82	917701	67.02	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	420378	96.35	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1571460	58.87	ng	0.00
79) Terphenyl-d14	12.92	244	1420474	75.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	166278	28.254	ng	99
3) Pyridine	3.32	79	521001	33.279	ng	98
4) n-Nitrosodimethylamine	3.26	42	268584	40.121	ng	97
6) Aniline	6.48	93	845645	39.220	ng	99
8) 2-Chlorophenol	6.60	128	640197	45.447	ng	98
9) Benzaldehyde	6.36	77	164013	17.128	ng	100
10) Phenol	6.47	94	780575	42.959	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	598889	43.007	ng	98
12) 1,3-Dichlorobenzene	6.76	146	601229	39.360	ng	99
13) 1,4-Dichlorobenzene	6.83	146	607842	40.019	ng	99
14) 1,2-Dichlorobenzene	6.99	146	595184	41.421	ng	99
15) Benzyl Alcohol	6.96	79	504185	43.162	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	840053	41.853	ng	100
17) 2-Methylphenol	7.07	107	510351	40.875	ng	98
18) Hexachloroethane	7.33	117	218238	39.698	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	390881	41.616	ng	97
20) 3+4-Methylphenols	7.23	107	554178	34.892	ng	95
22) Acetophenone	7.23	105	724855	40.761	ng	# 94
24) Nitrobenzene	7.40	77	632512	42.855	ng	100
25) Isophorone	7.65	82	1175656	43.017	ng	99
26) 2-Nitrophenol	7.72	139	340124	48.522	ng	96
27) 2,4-Dimethylphenol	7.76	122	542069	47.629	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	747454	44.804	ng	100
29) 2,4-Dichlorophenol	7.96	162	520601	44.765	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	544000	42.162	ng	99
31) Naphthalene	8.13	128	1674175	41.190	ng	99
32) Benzoic acid	7.90	122	481218	56.327	ng	99
33) 4-Chloroaniline	8.17	127	683021	37.671	ng	99
34) Hexachlorobutadiene	8.25	225	309875	40.740	ng	99
35) Caprolactam	8.56	113	191120m	51.246	ng	
36) 4-Chloro-3-methylphenol	8.66	107	546779	45.842	ng	96
37) 2-Methylnaphthalene	8.82	142	1137042	43.085	ng	99
38) 1-Methylnaphthalene	8.92	142	1084656	43.395	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	511262	44.026	ng	100

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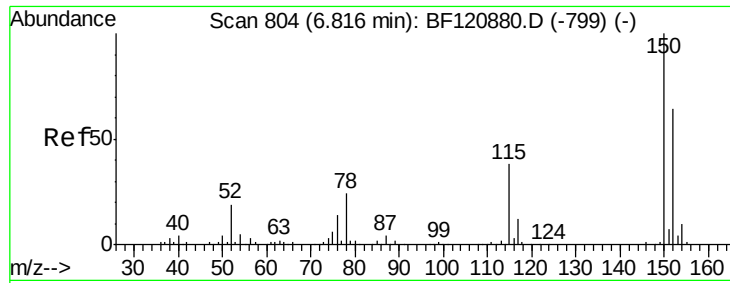
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 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	399722	62.280	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	386470	47.266	nq	100
44) 2,4,5-Trichlorophenol	9.14	196	420371	45.324	nq	99
46) 1,1'-Biphenyl	9.28	154	1331018	43.779	nq	99
47) 2-Chloronaphthalene	9.30	162	1074295	43.339	nq	100
48) 2-Nitroaniline	9.40	65	348906	46.576	nq	99
49) Acenaphthylene	9.72	152	1667247	43.295	nq	99
50) Dimethylphthalate	9.59	163	1547242	53.808	nq	98
51) 2,6-Dinitrotoluene	9.65	165	293093	47.444	nq	92
52) Acenaphthene	9.89	154	1134404m	46.335	nq	
53) 3-Nitroaniline	9.81	138	280200	36.164	nq	98
54) 2,4-Dinitrophenol	9.92	184	265977	75.243	nq	91
55) Dibenzofuran	10.06	168	1492957	42.169	nq	99
56) 4-Nitrophenol	9.98	139	521360	88.583	nq	98
57) 2,4-Dinitrotoluene	10.05	165	390160	48.093	nq	90
58) Fluorene	10.41	166	1060359	40.157	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	347236	49.172	nq	97
60) Diethylphthalate	10.29	149	1283673	44.136	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	529963	37.629	nq	98
62) 4-Nitroaniline	10.43	138	311263	41.242	nq	97
63) Azobenzene	10.56	77	1198962	43.301	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	179484	43.308	nq	90
66) n-Nitrosodiphenylamine	10.52	169	1075182	47.280	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	372184	46.178	nq	96
68) Hexachlorobenzene	10.95	284	407747	46.768	nq	97
69) Atrazine	11.05	200	301817	53.590	nq	97
70) Pentachlorophenol	11.15	266	463804	92.859	nq	99
71) Phenanthrene	11.37	178	1592043	42.821	nq	100
72) Anthracene	11.42	178	1648591	44.159	nq	99
73) Carbazole	11.57	167	1523041	41.109	nq	99
74) Di-n-butylphthalate	11.90	149	1971249	46.106	nq	99
75) Fluoranthene	12.55	202	1632792	39.622	nq	99
77) Benzidine	12.67	184	1021179	94.482	nq	99
78) Pyrene	12.78	202	1594206	54.852	nq	99
80) Butylbenzylphthalate	13.40	149	748847	57.798	nq	100
81) Benzo(a)anthracene	13.97	228	1105155	44.396	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	480631	51.177	nq	97
83) Chrysene	14.00	228	1228358	46.955	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	873276	54.660	nq	# 98
85) Di-n-octyl phthalate	14.57	149	1583256	49.810	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1610710	50.565	nq	99
88) Benzo(b)fluoranthene	15.01	252	1304025	47.100	nq	100
89) Benzo(k)fluoranthene	15.04	252	1159757	45.931	nq	100
90) Benzo(a)pyrene	15.37	252	1182879	46.828	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1313875	50.494	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1339044	52.193	nq	99

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



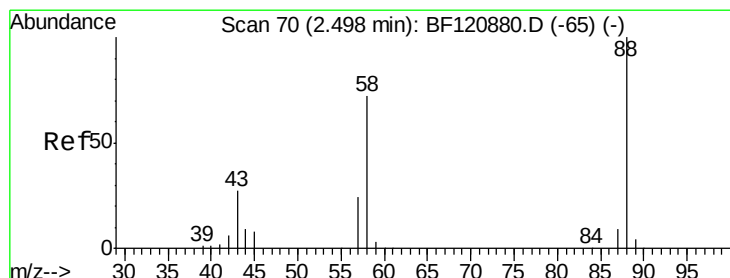
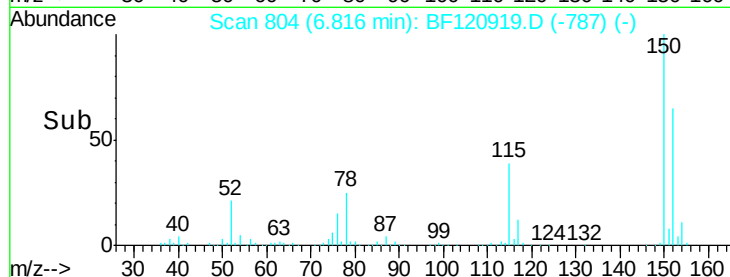
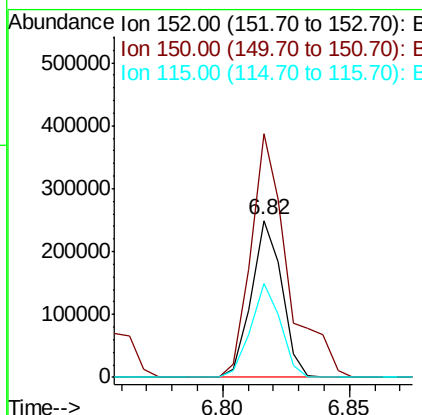
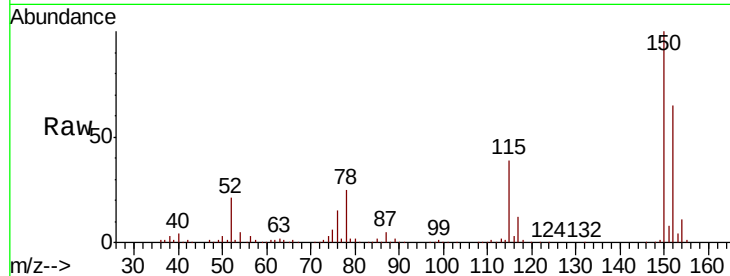
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.0	187.6
115	59.9	47.0	70.4

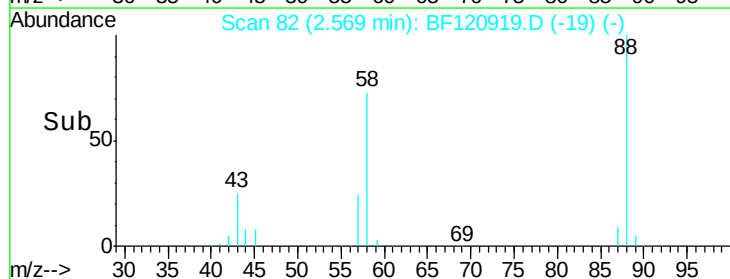
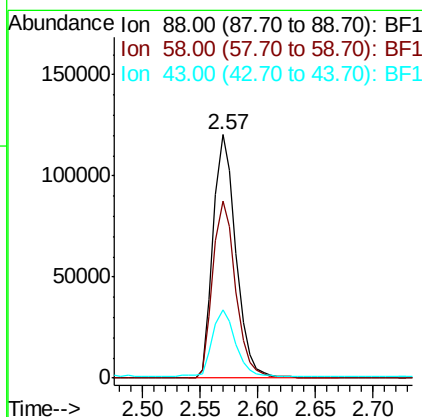
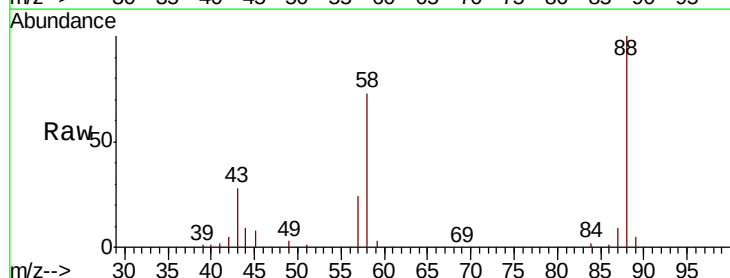
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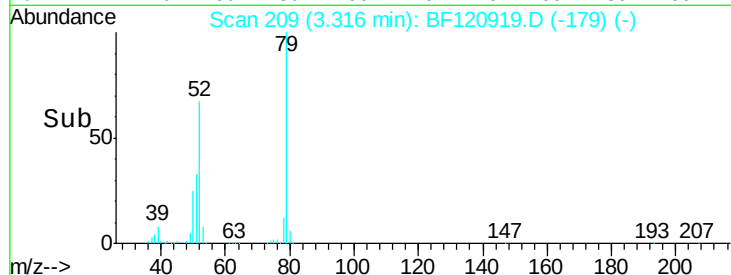
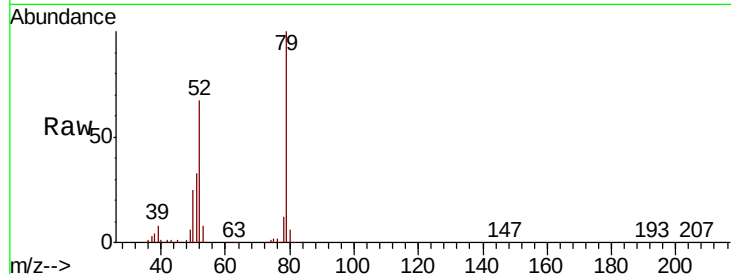
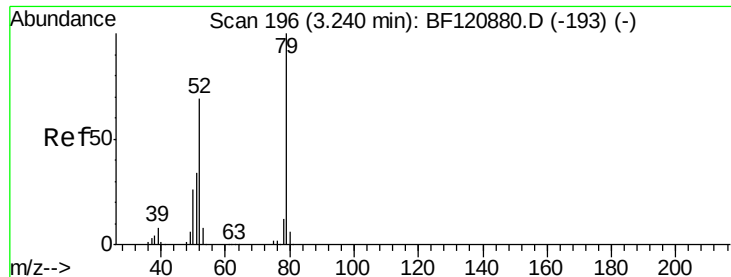
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#2
1,4-Dioxane
Concen: 28.254 ng
RT: 2.57 min Scan# 82
Delta R.T. 0.07 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	58.2	87.2
43	27.9	22.1	33.1





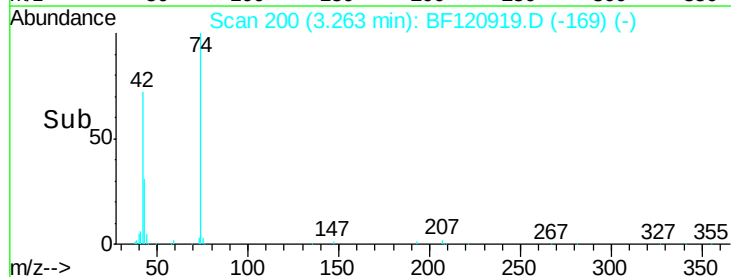
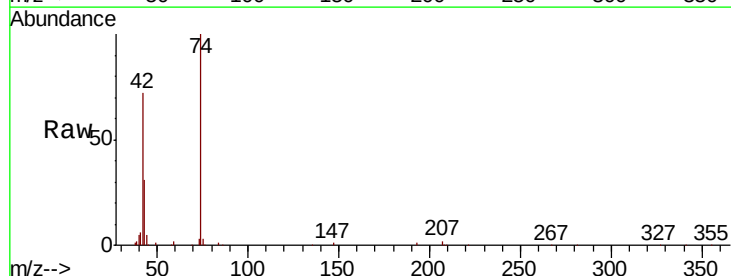
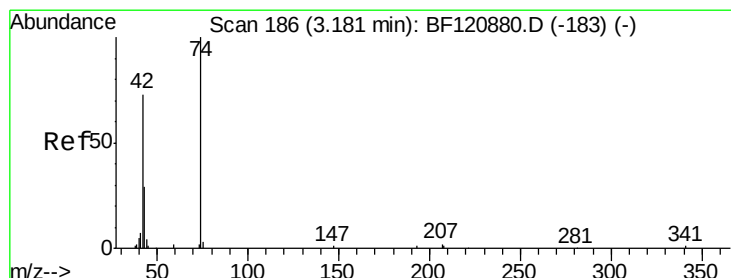
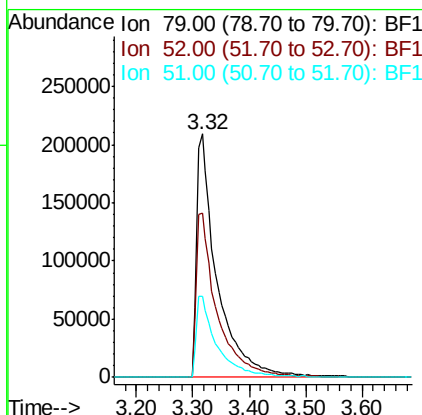
#3
 Pvridine
 Concen: 33.279 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.08 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.2	55.0	82.6
51	33.2	26.9	40.3

Instrument :
 BNA_F
 ClientSampled :
 24MSD

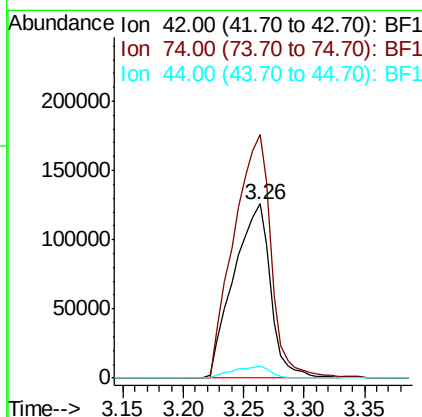
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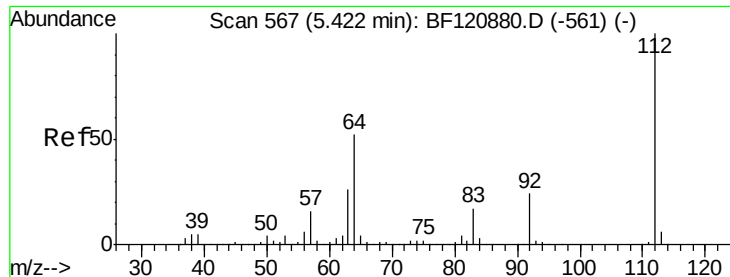
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#4
 n-Nitrosodimethylamine
 Concen: 40.121 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.08 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.9	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 92.000 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

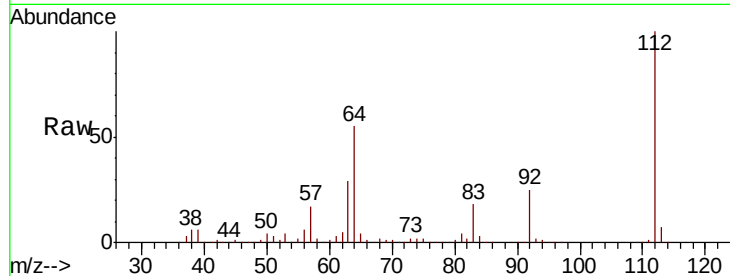
ClientSampled :

24MSD

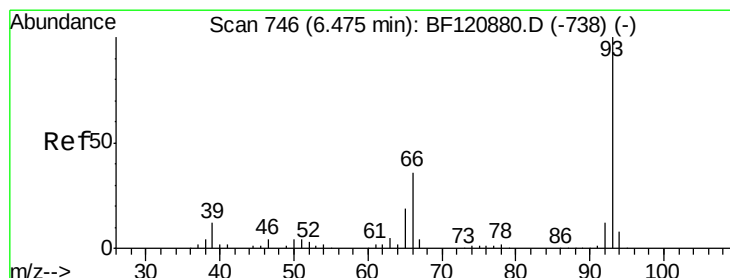
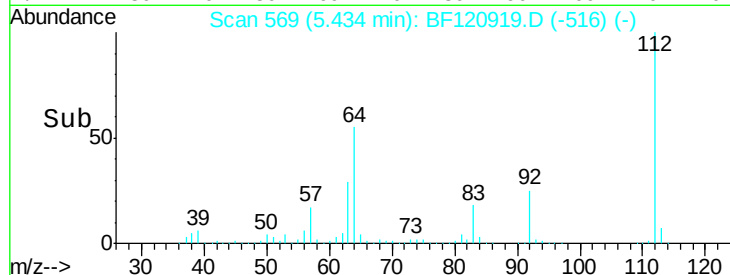
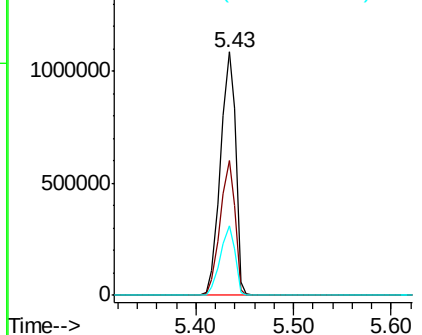
Tot Ion:	112	Resp:	1176418
Ion	Ratio	Lower	Upper
112	100		
64	55.3	41.3	61.9
63	28.5	21.1	31.7

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.220 ng

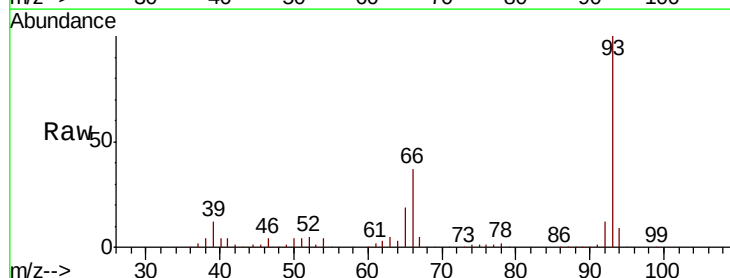
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

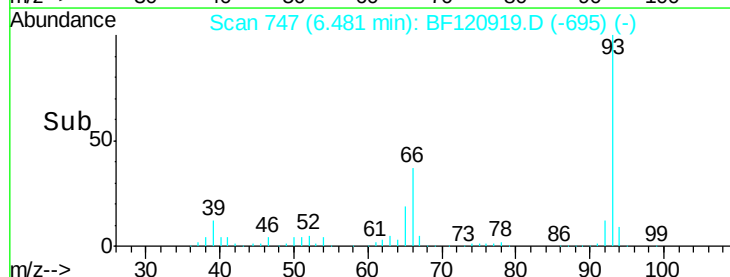
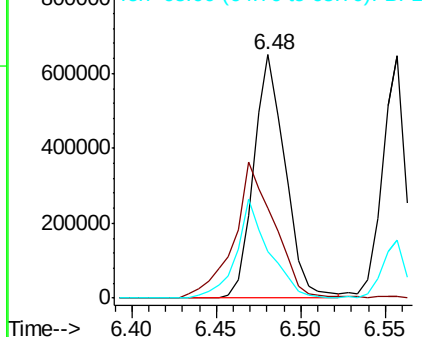
Lab File: BF120919.D

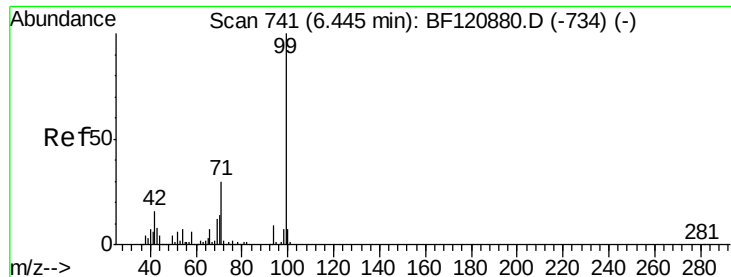
Acq: 17 Jul 2020 13:30

Tgt Ion:	93	Resp:	845645
Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.2	45.4
65	19.2	15.8	23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 90.799 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampled :

24MSD

Tot Ion: 99 Resp: 1499807

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

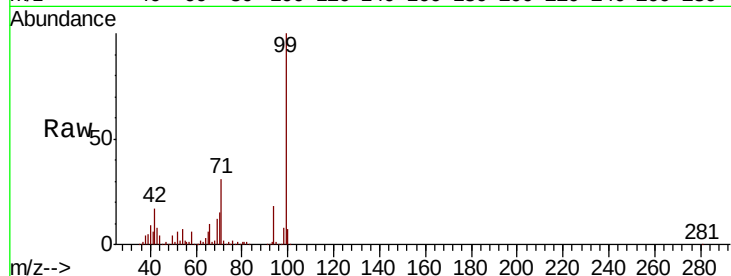
71 31.4 24.2 36.4

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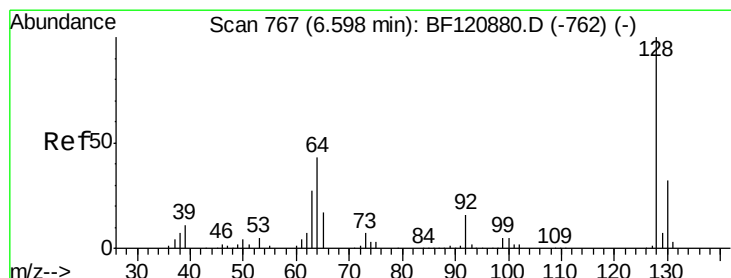
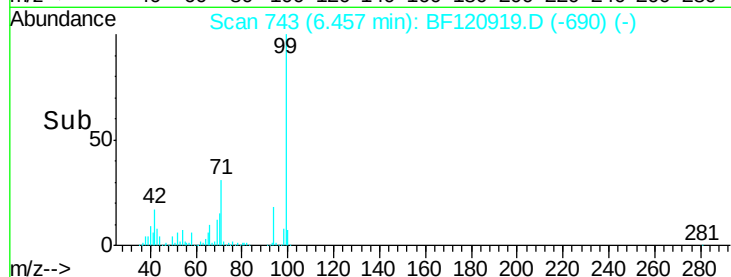
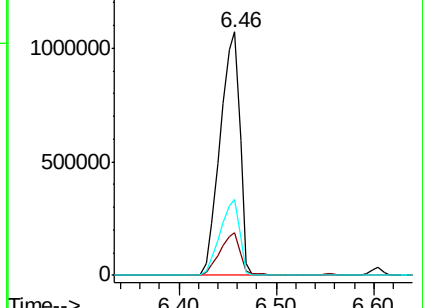
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.447 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

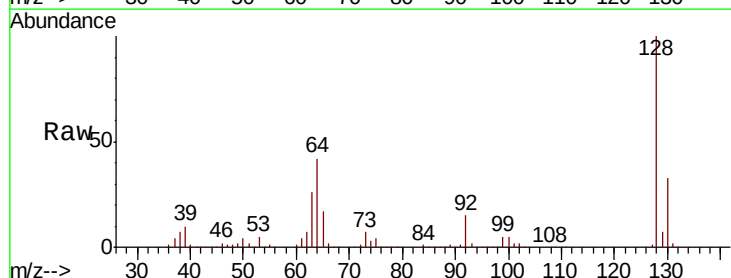
Tgt Ion: 128 Resp: 640197

Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

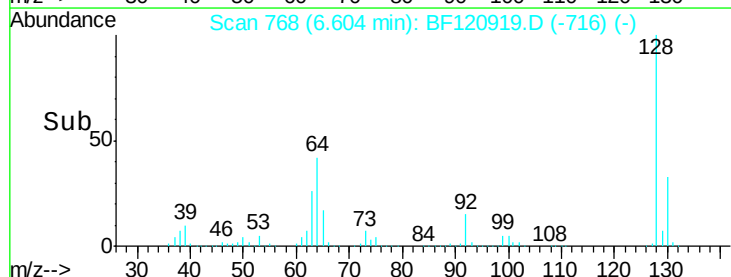
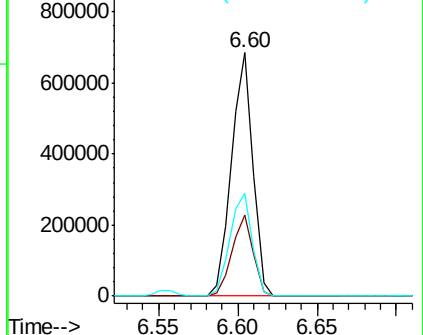
64 42.4 24.0 64.0

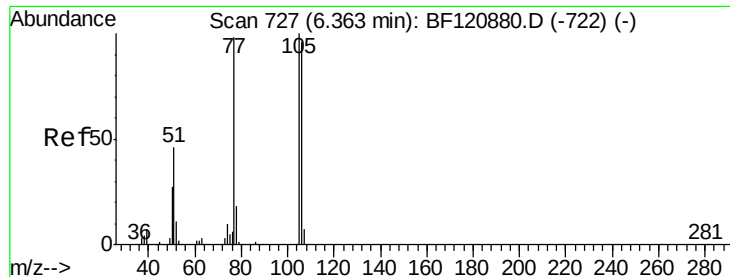


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.128 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

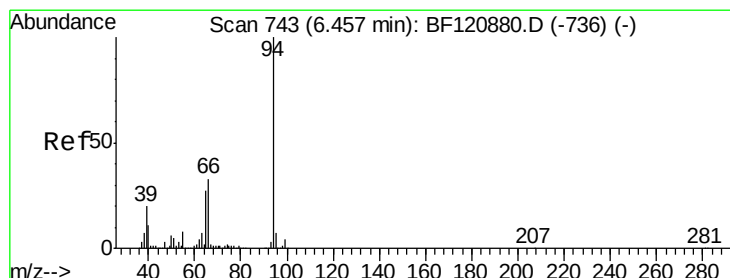
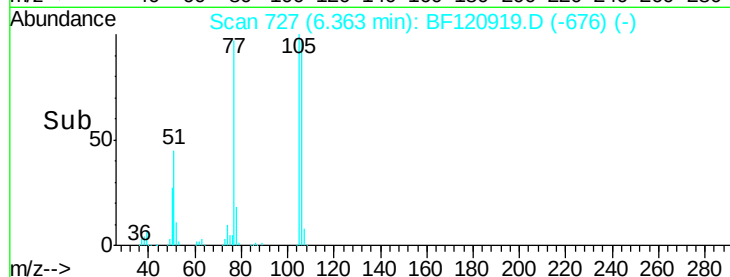
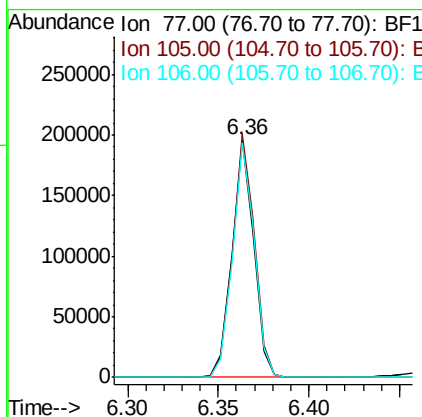
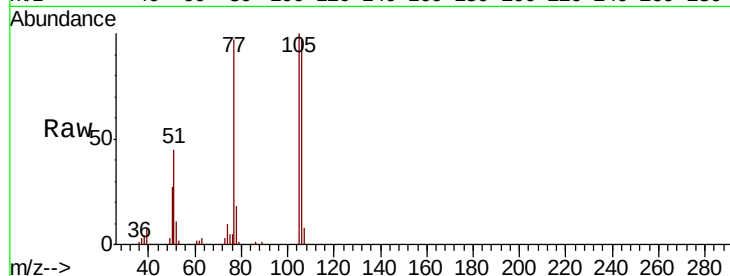
ClientSampleId :

24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	102.6	82.5	122.5		
106	99.1	78.7	118.7		

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#10

Phenol

Concen: 42.959 ng

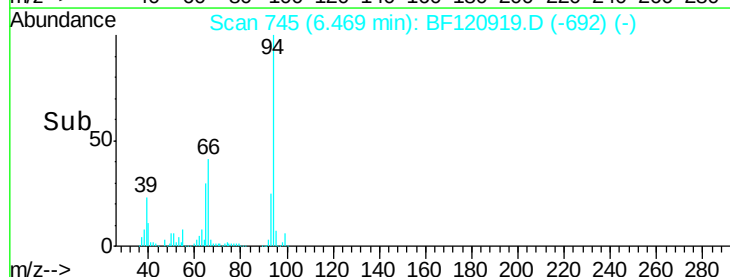
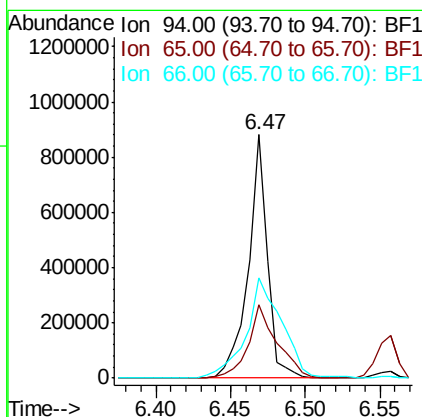
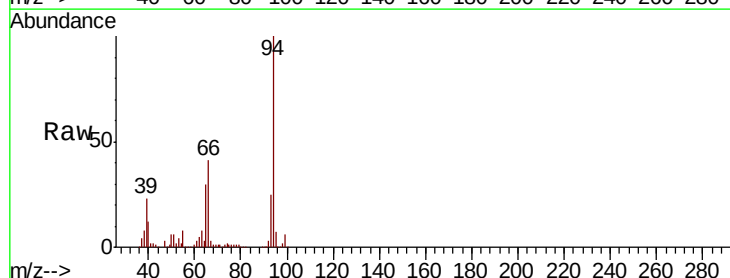
RT: 6.47 min Scan# 745

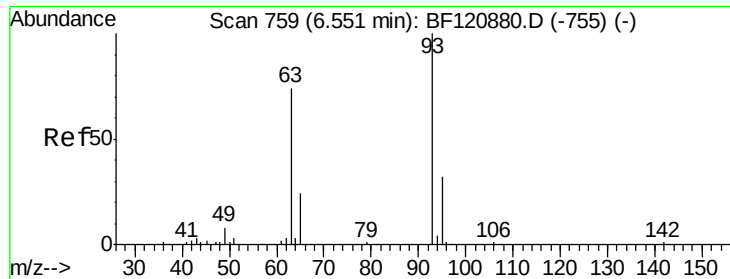
Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.2	6.6	46.6		
66	41.4	13.2	53.2		





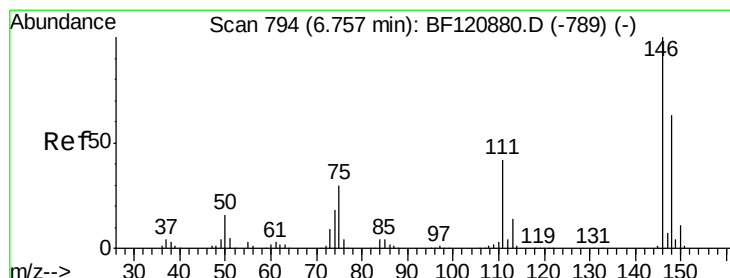
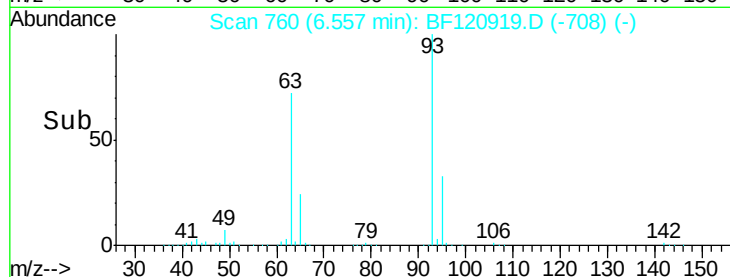
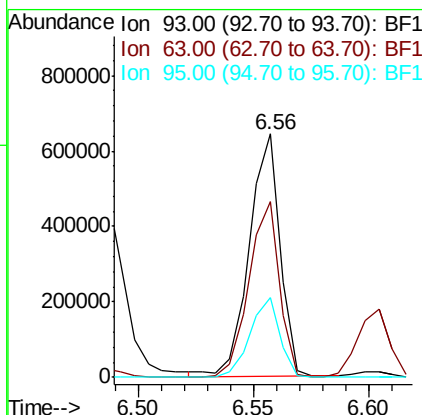
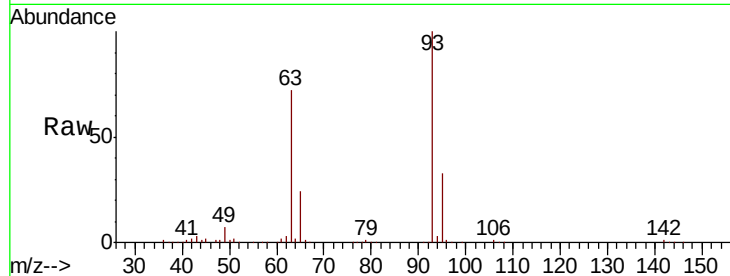
#11
bis(2-Chloroethyl)ether
Concen: 43.007 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.4	54.2	94.2
95	32.6	12.2	52.2

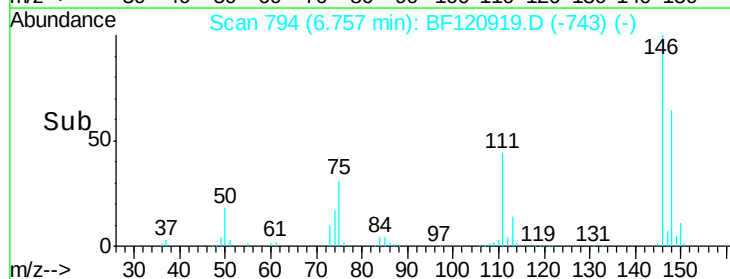
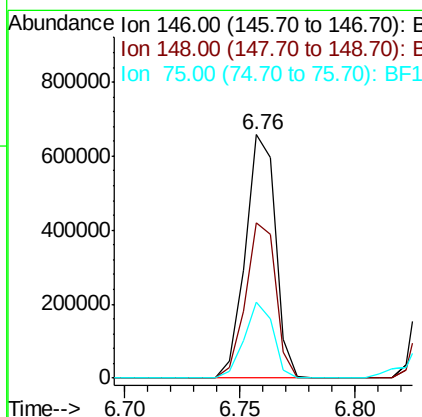
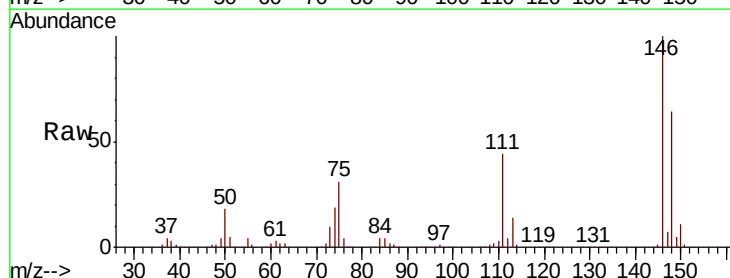
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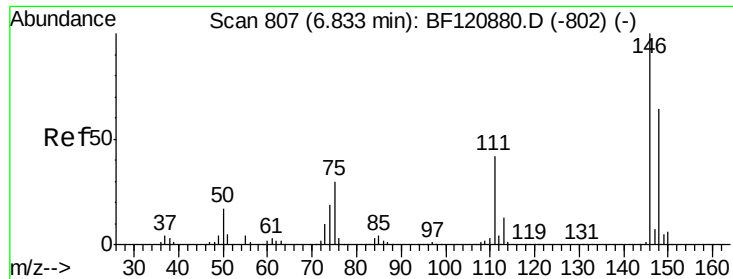
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.360 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
75	31.2	24.1	36.1





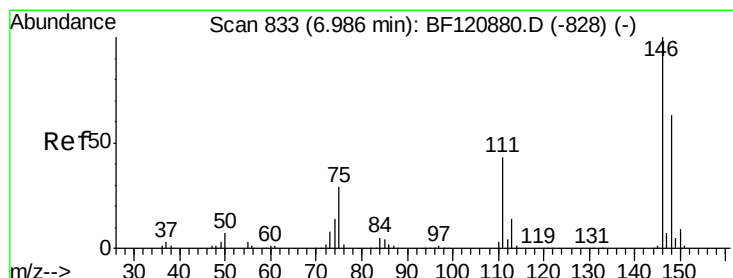
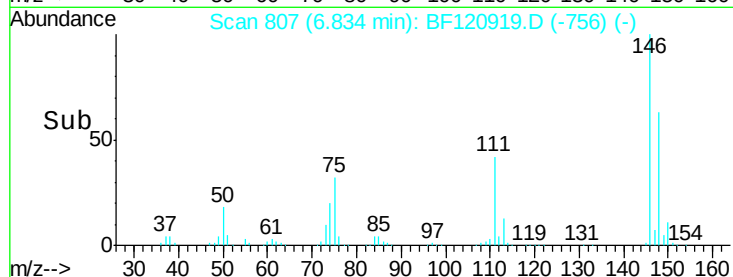
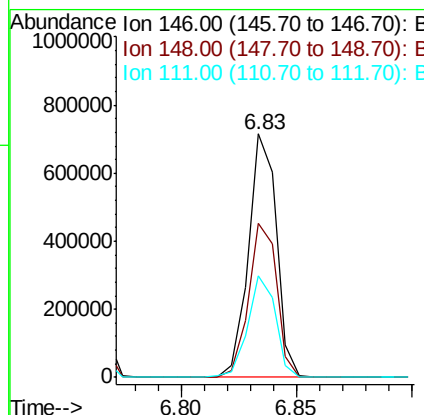
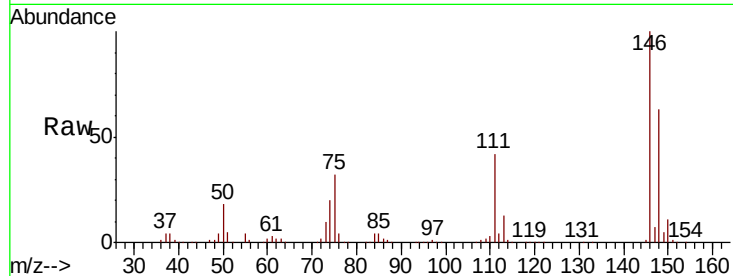
#13
1,4-Dichlorobenzene
Concen: 40.019 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	41.8	33.5	50.3

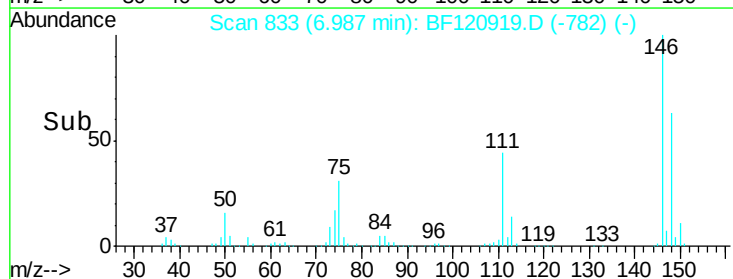
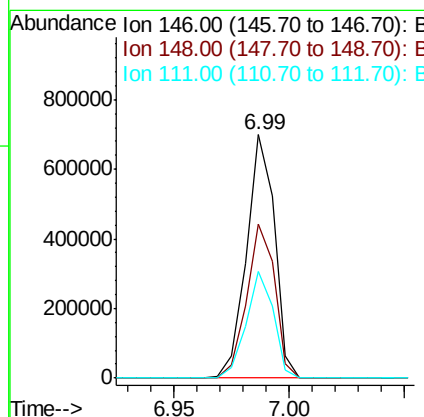
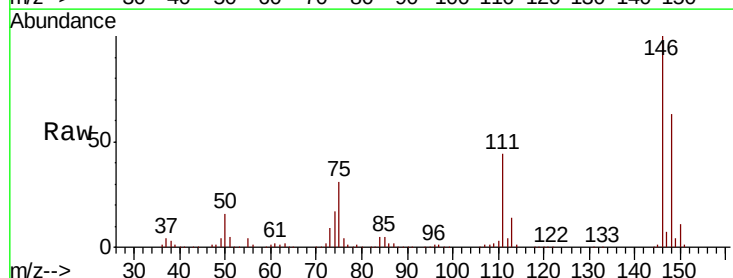
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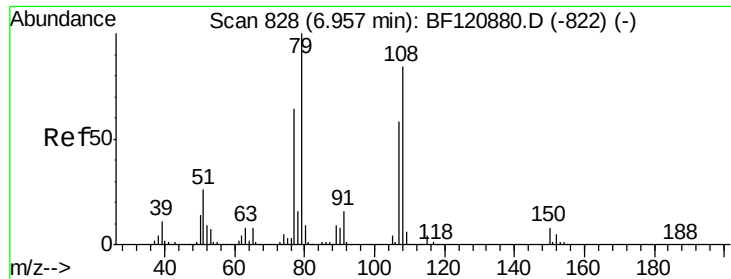
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.421 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	43.6	34.2	51.2





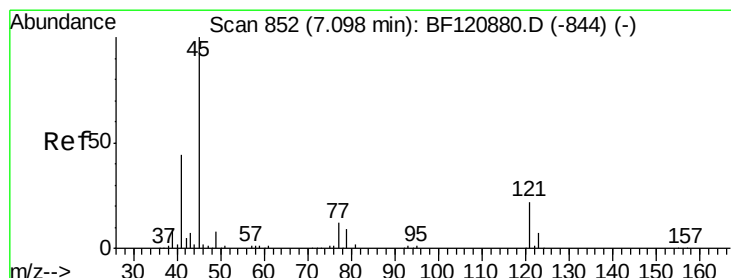
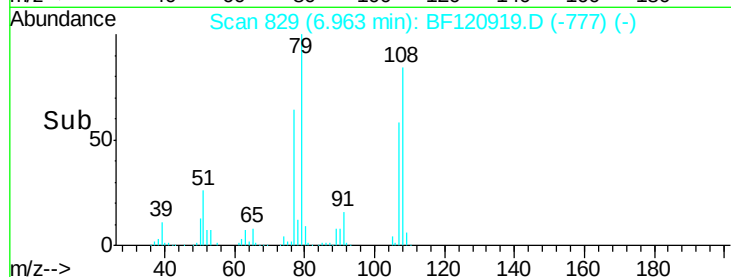
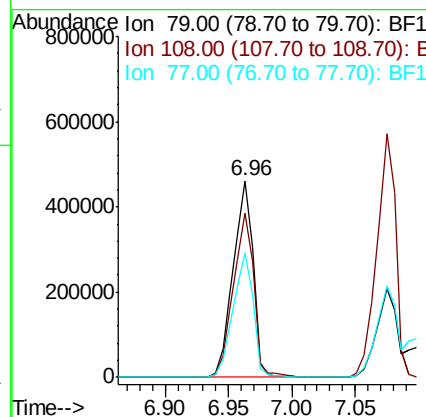
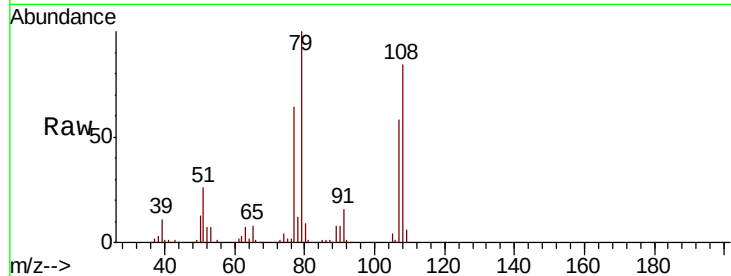
#15
Benzyl Alcohol
Concen: 43.162 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.8	67.0	100.6
77	63.6	51.0	76.4

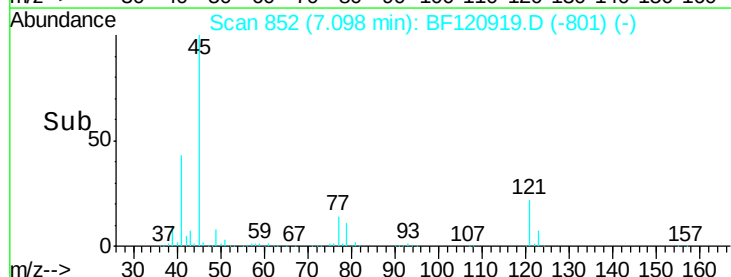
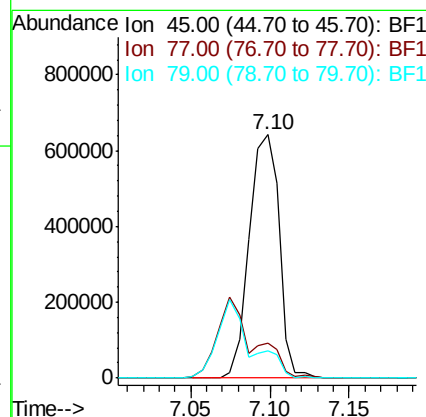
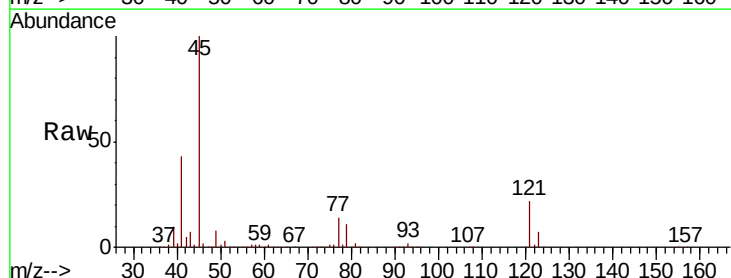
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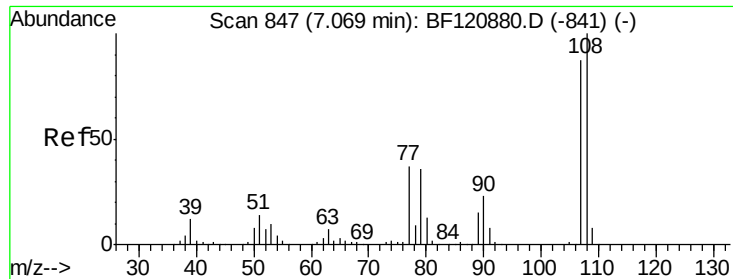
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.853 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	34.3
79	11.0	0.0	31.0





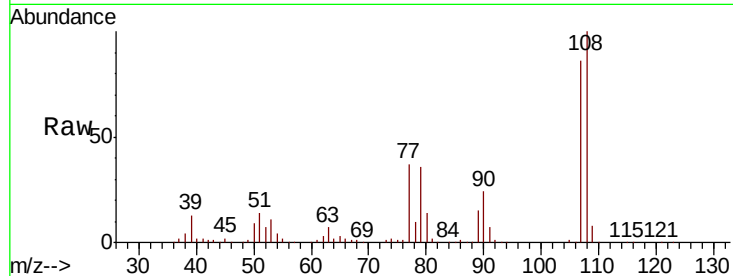
#17
2-Methylphenol
Concen: 40.875 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.6	92.0	138.0	
77	43.6	34.0	51.0	
79	42.5	33.3	49.9	

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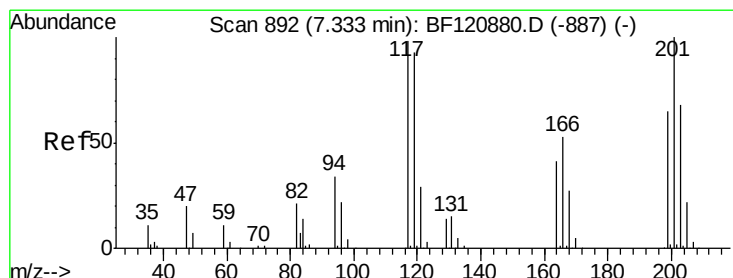
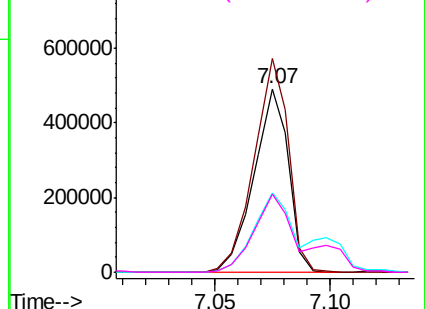
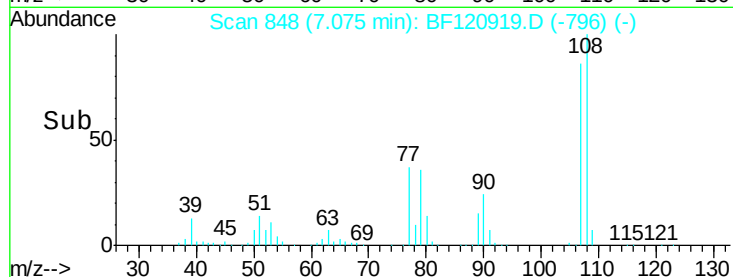
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

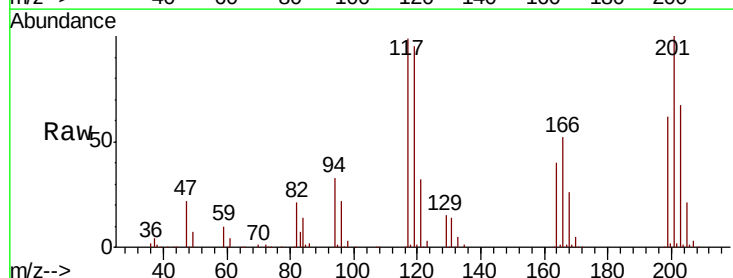
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.698 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	76.0	114.0	
201	101.1	81.7	122.5	

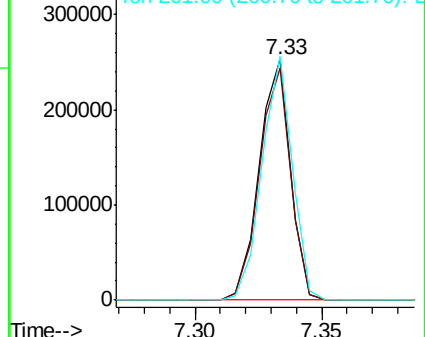
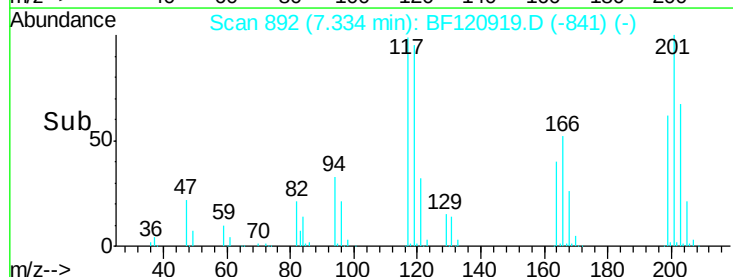


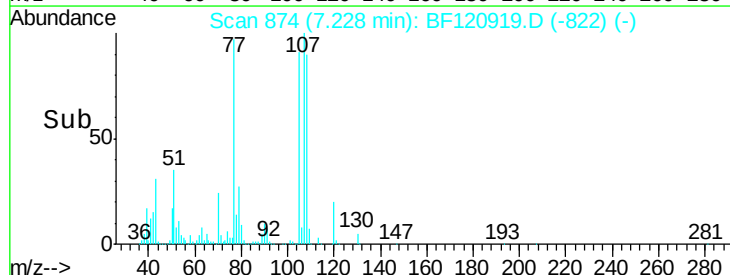
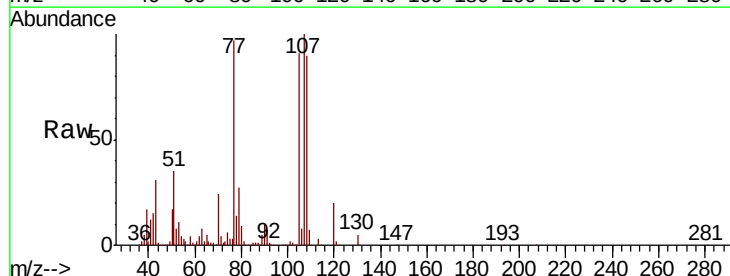
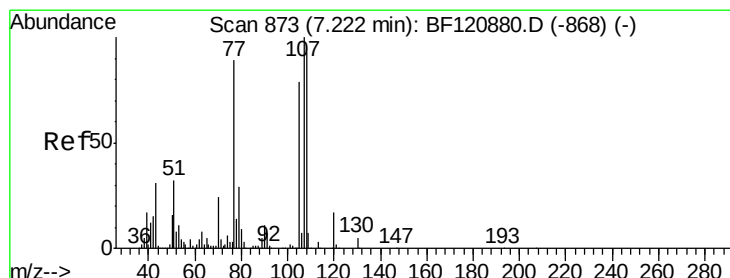
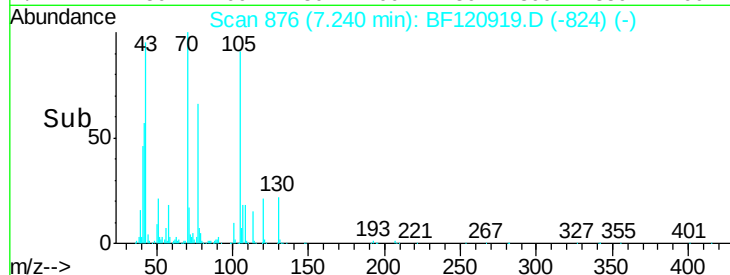
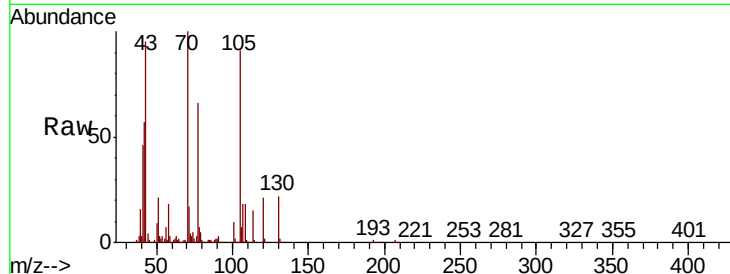
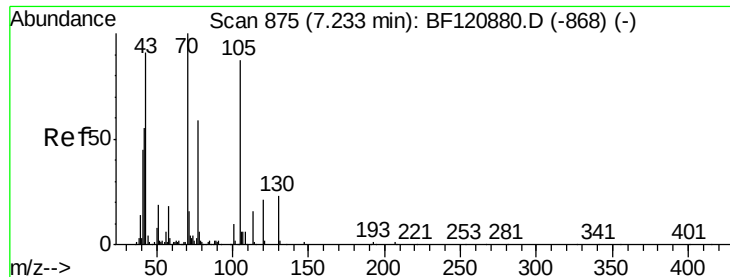
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





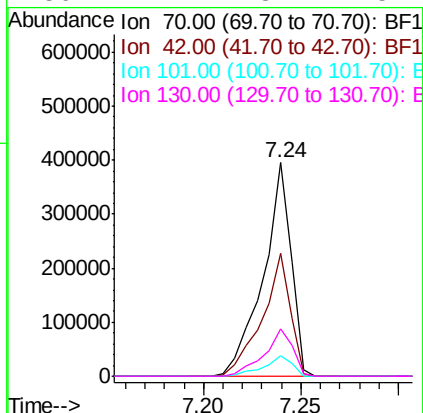
#19
n-Nitroso-di-n-propylamine
Concen: 41.616 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.4	44.0	66.0	
101	9.8	7.8	11.6	
130	22.1	18.7	28.1	

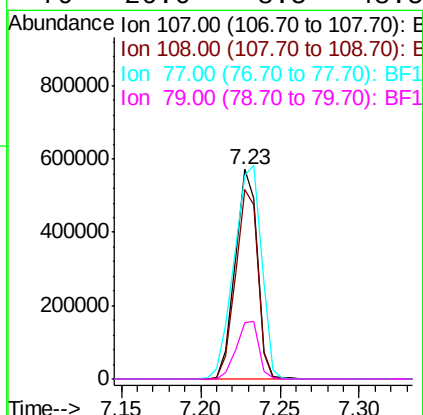
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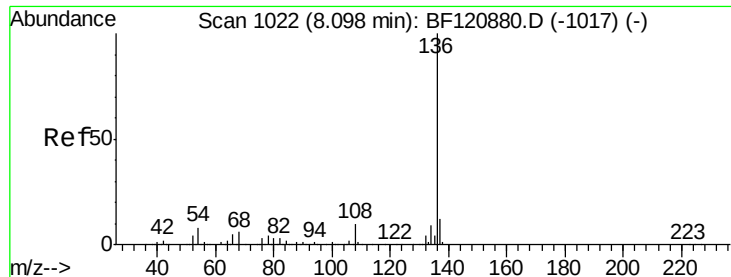
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#20
3+4-Methylphenols
Concen: 34.892 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	72.8	112.8	
77	97.0	68.7	108.7	
79	26.6	8.5	48.5	





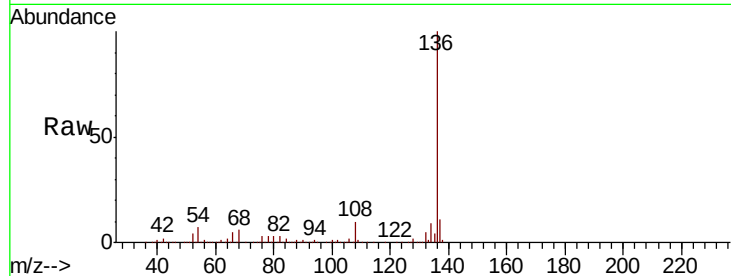
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

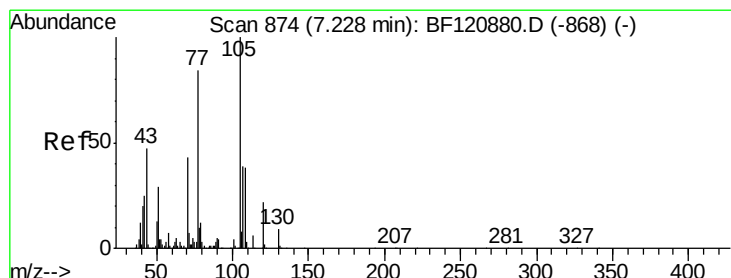
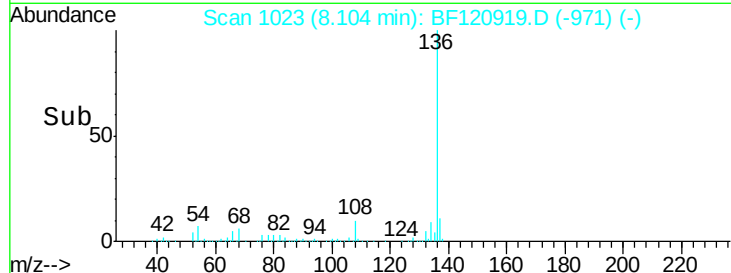
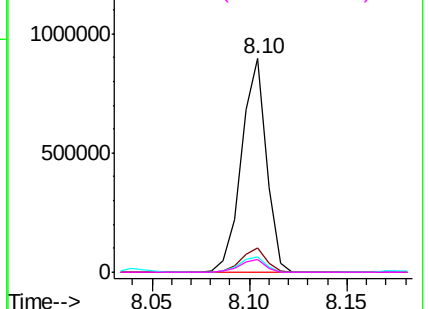
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		792371		
137	11.2	9.3	13.9		
54	7.1	6.3	9.5		
68	5.8	5.0	7.4		

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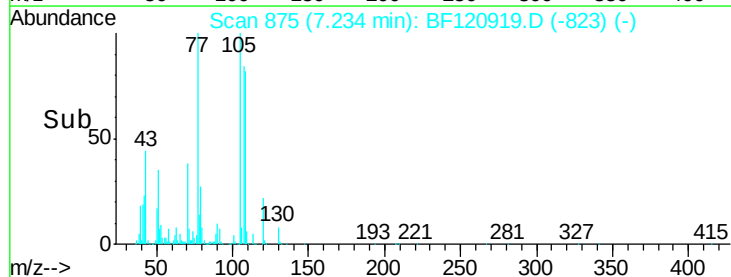
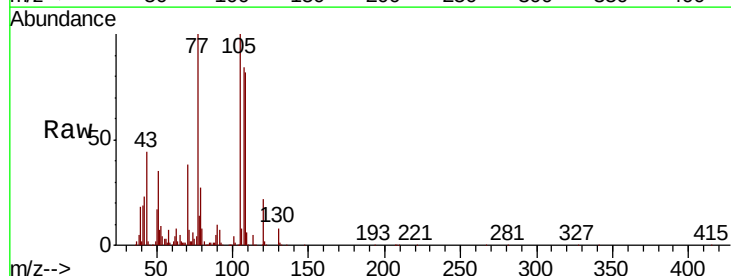
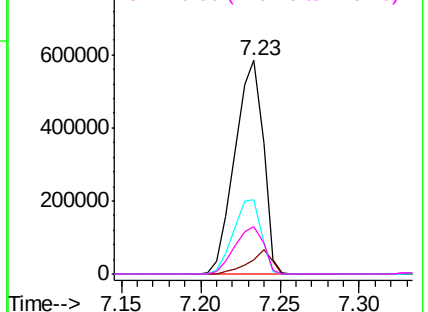
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

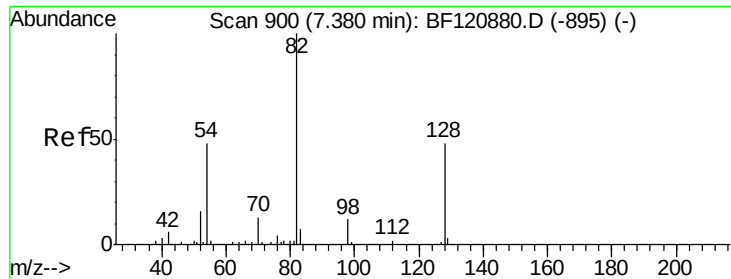


#22
Acetophenone
Concen: 40.761 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		724855		
71	6.6	5.7	8.5		
51	34.5	22.9	34.3#		
120	22.3	18.0	27.0		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





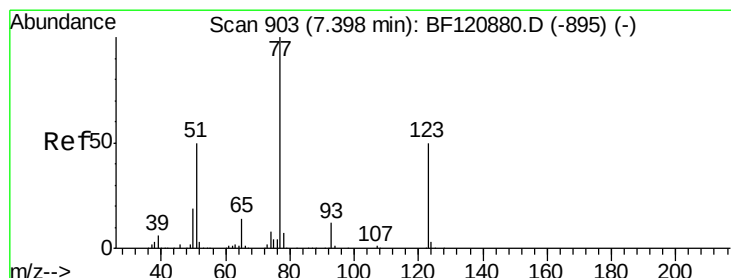
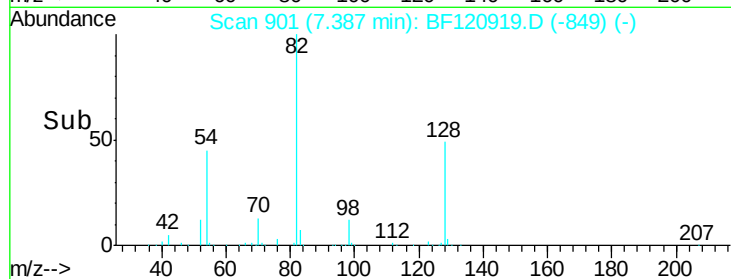
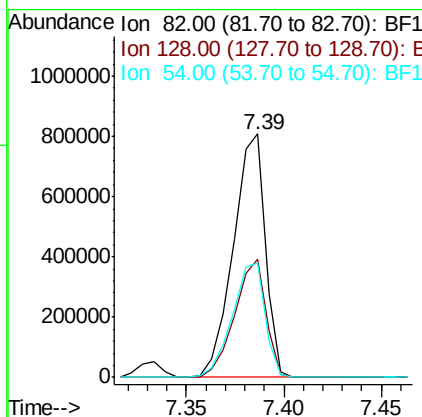
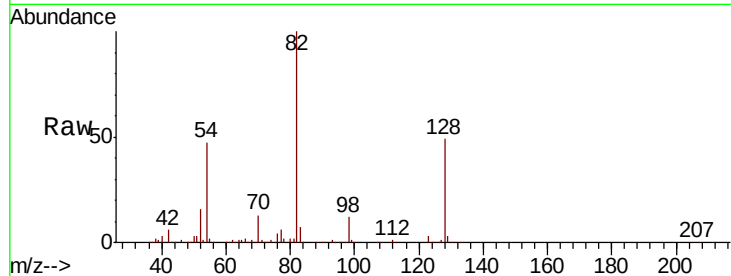
#23
Nitrobenzene-d5
Concen: 67.015 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.7	38.2	57.4
54	47.2	38.7	58.1

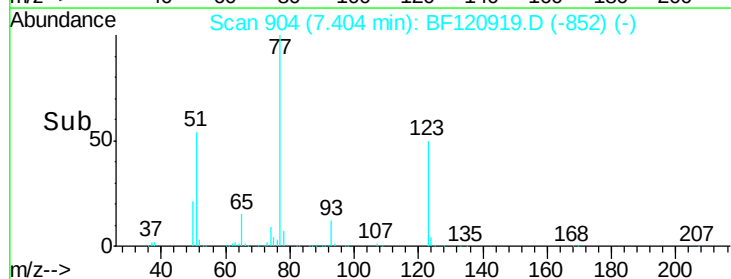
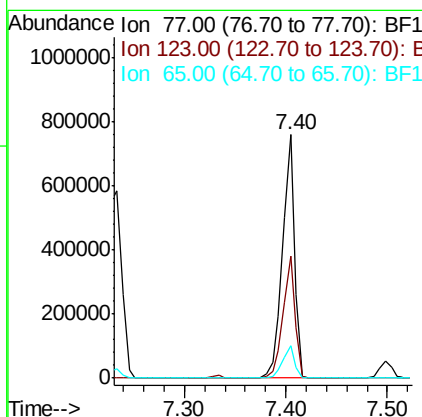
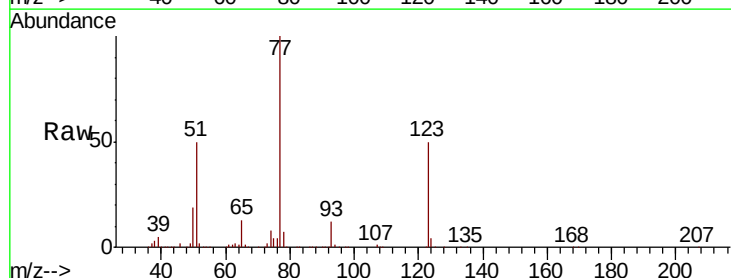
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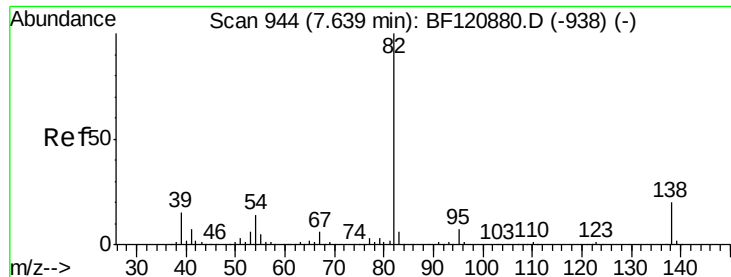
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#24
Nitrobenzene
Concen: 42.855 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	40.1	60.1
65	13.2	10.8	16.2





#25

Isophorone

Concen: 43.017 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion: 82 Resp: 1175656

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

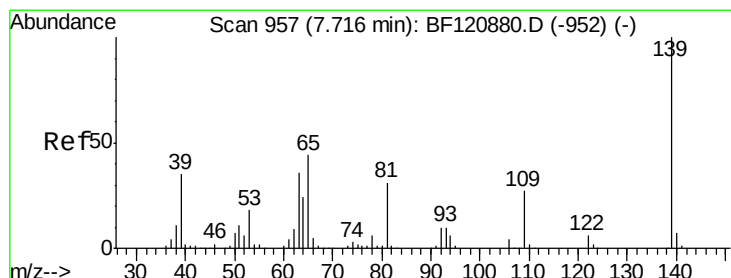
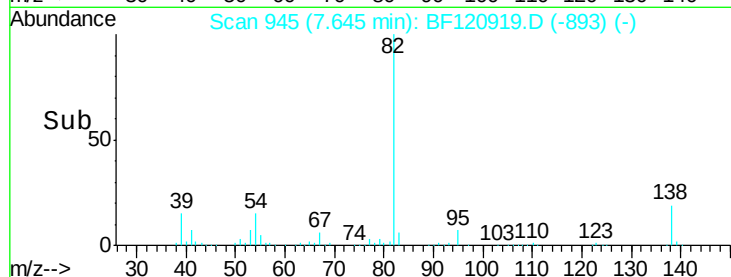
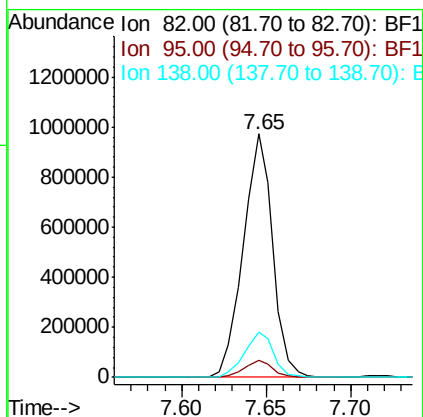
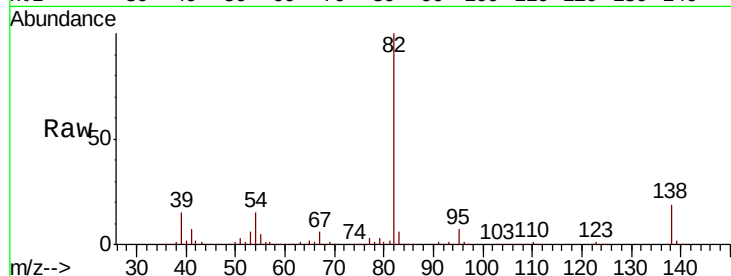
138 18.8 15.6 23.4

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#26

2-Nitrophenol

Concen: 48.522 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

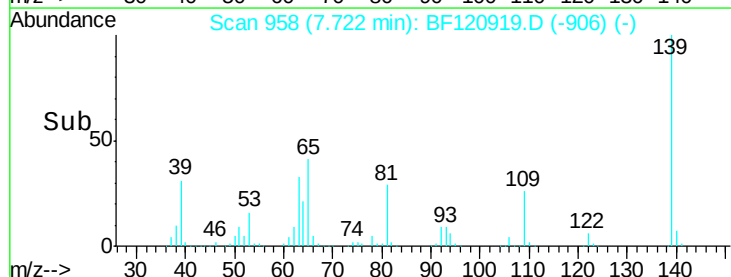
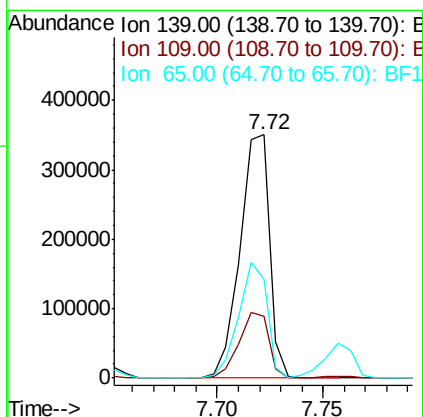
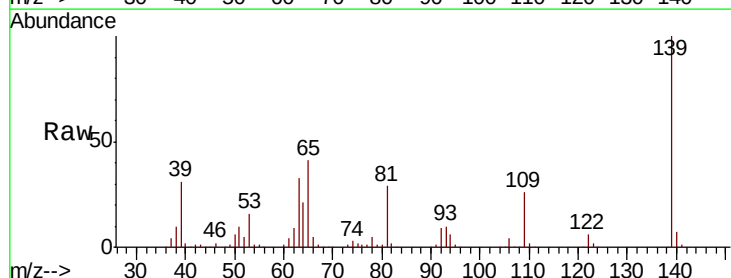
Tgt Ion: 139 Resp: 340124

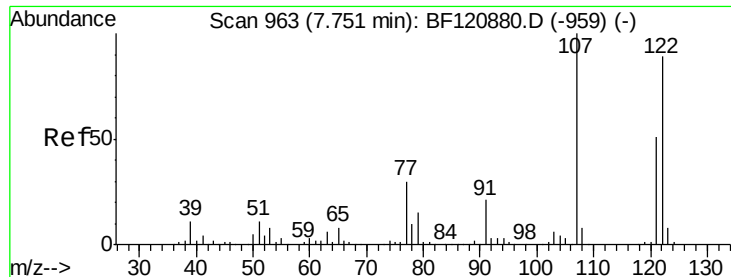
Ion Ratio Lower Upper

139 100

109 25.5 21.6 32.4

65 40.9 35.3 52.9





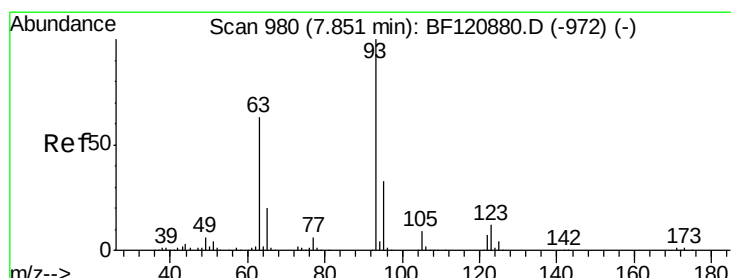
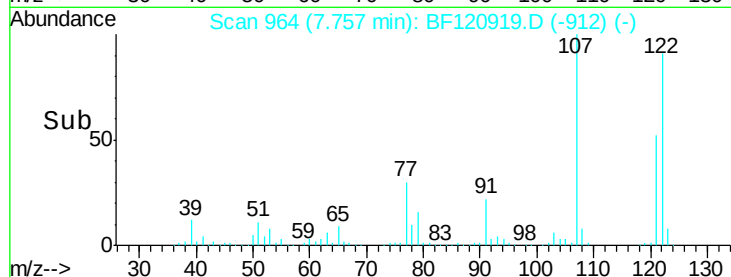
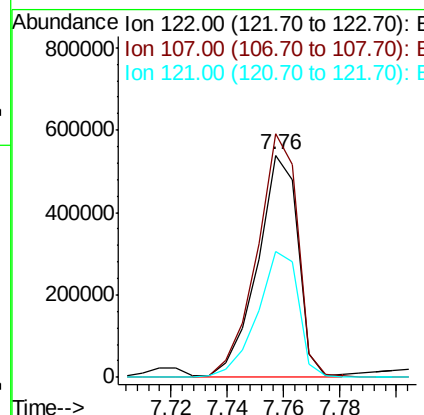
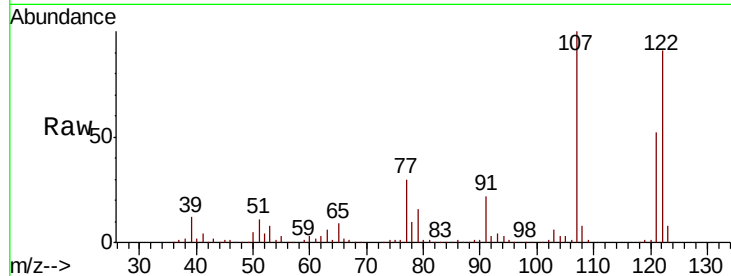
#27
 2,4-Dimethylphenol
 Concen: 47.629 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampled :
 24MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.5	89.4	134.0
121	56.8	46.0	69.0

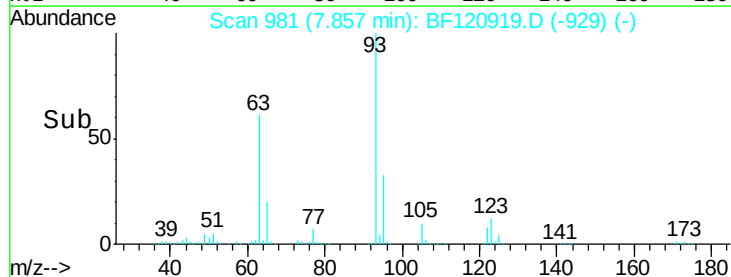
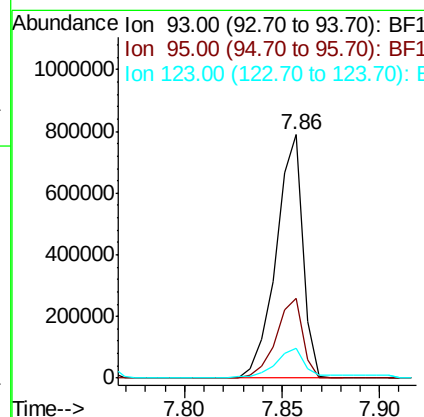
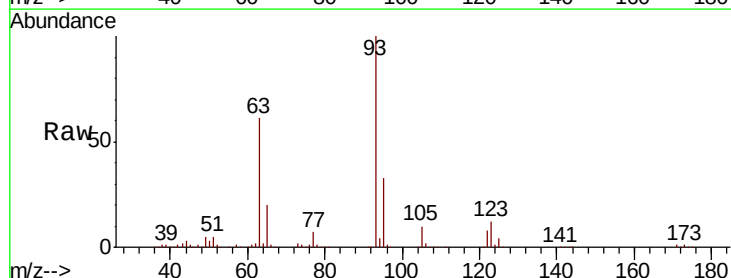
Manual Integrations
 APPROVED

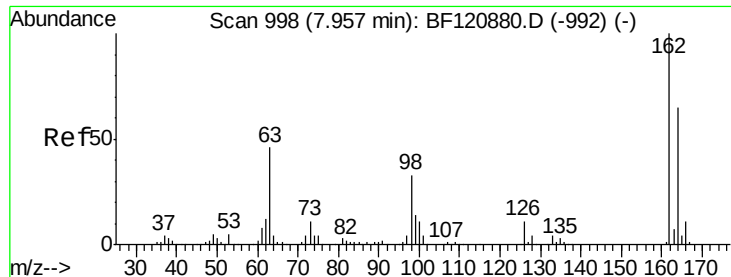
mohammad
 7/20/2020 11:26:42 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.804 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	39.8
123	12.2	10.0	15.0





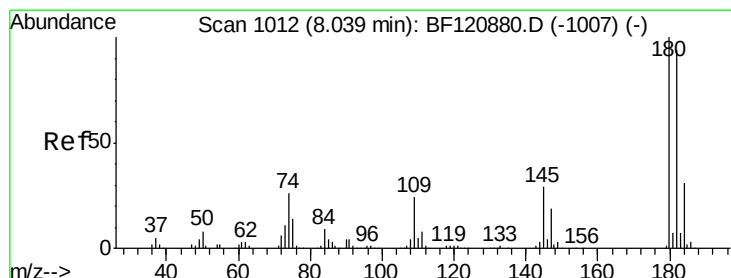
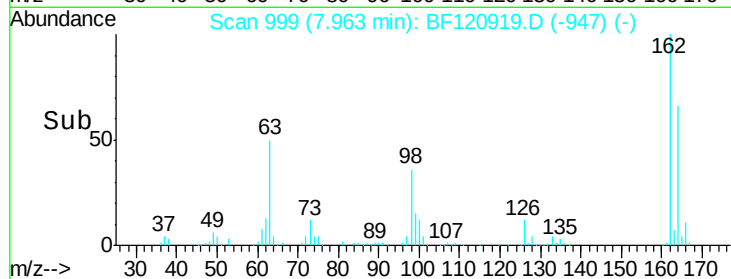
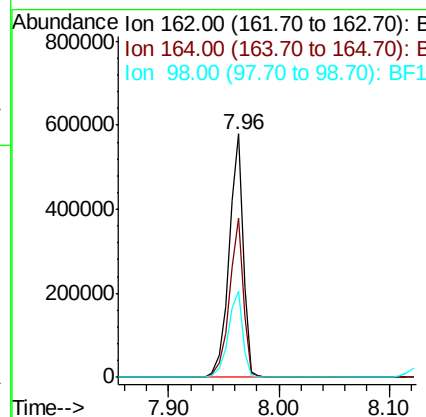
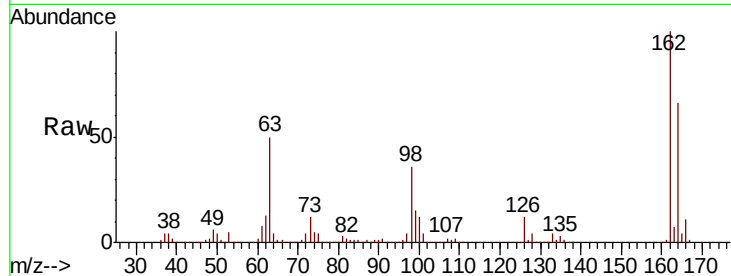
#29
2,4-Dichlorophenol
Concen: 44.765 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		520601		
164	65.6	45.3	85.3		
98	35.6	13.3	53.3		

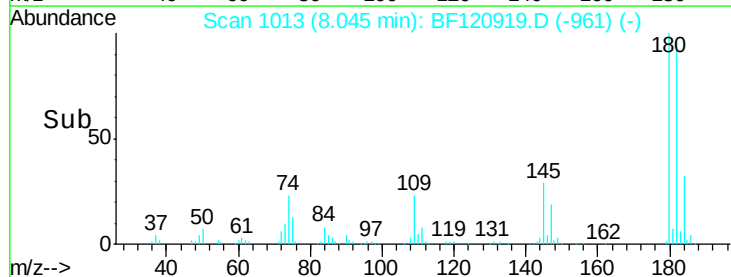
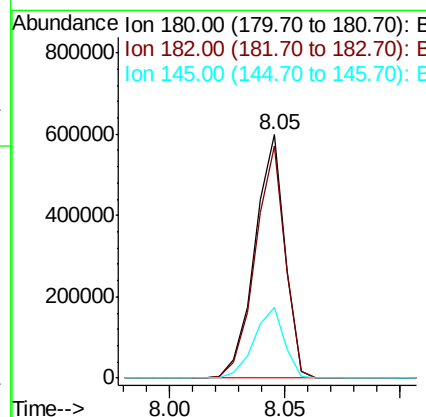
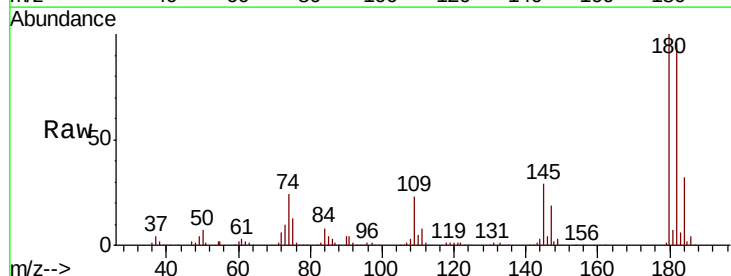
Manual Integrations
APPROVED

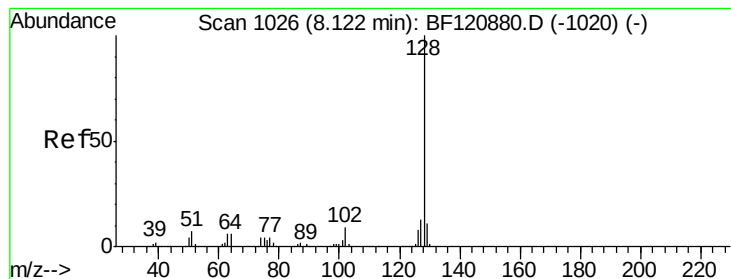
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.162 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		544000		
182	95.5	75.0	112.6		
145	29.3	23.5	35.3		





#31

Naphthalene

Concen: 41.190 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:128 Resp: 1674175

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

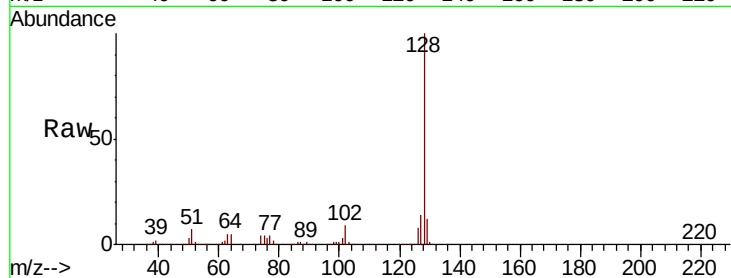
127 13.7 10.7 16.1

Manual Integrations

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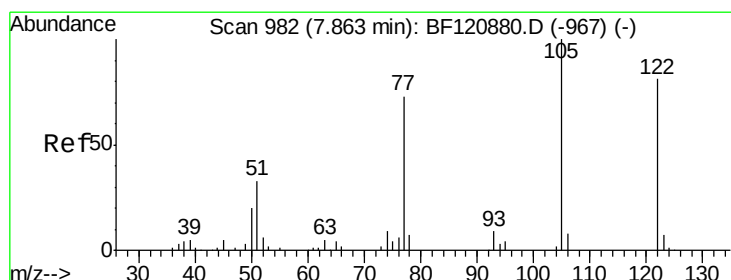
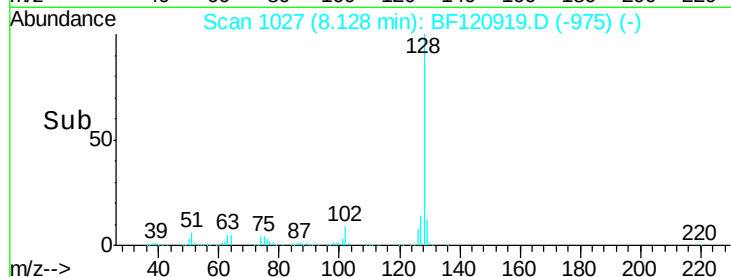
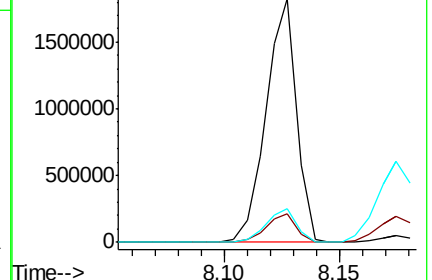
7/20/2020 11:26:42 AM



Abundance Ion 128.00 (127.70 to 128.70): E

2500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 56.327 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.04 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

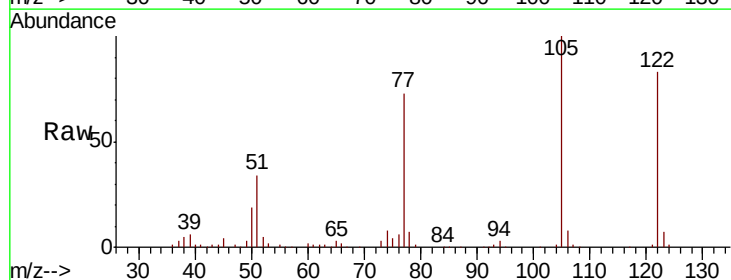
Tgt Ion:122 Resp: 481218

Ion Ratio Lower Upper

122 100

105 120.3 101.3 141.3

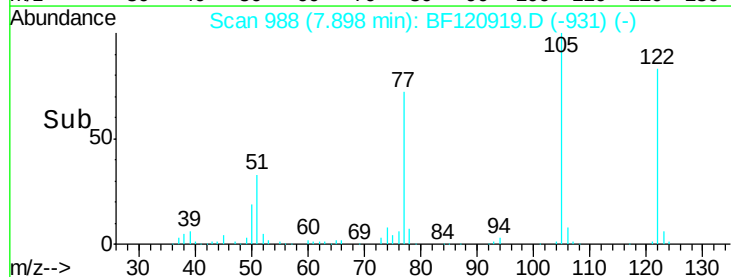
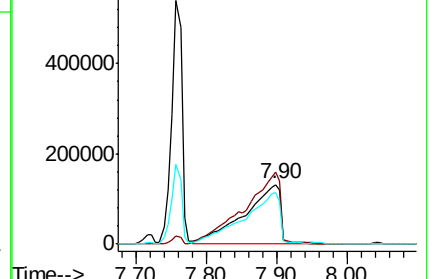
77 87.6 69.1 109.1

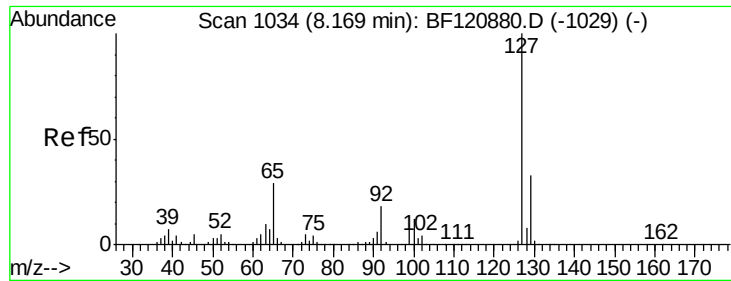


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





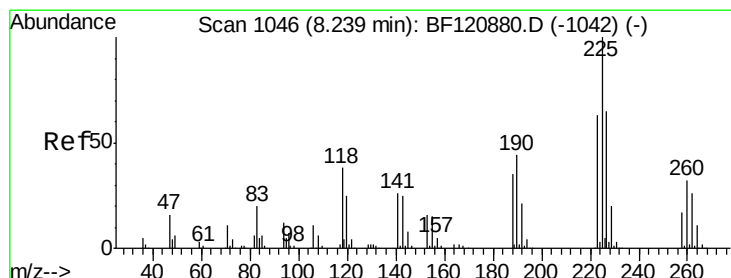
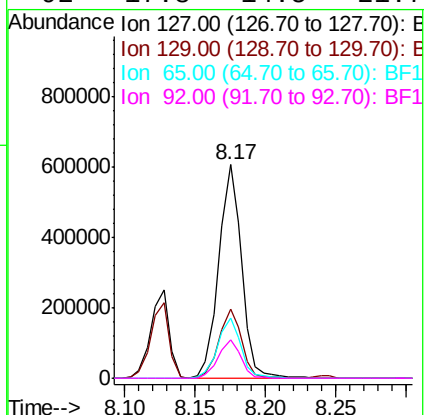
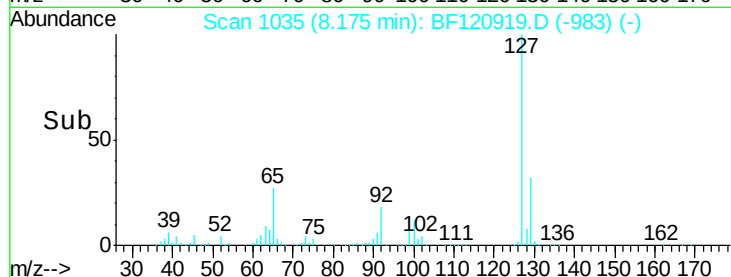
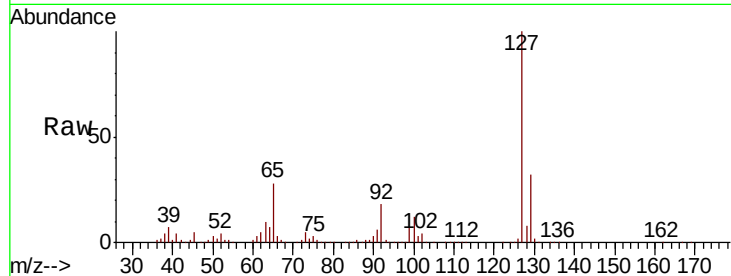
#33
4-Chloroaniline
Concen: 37.671 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.5	39.7		
65	28.1	23.0	34.4		
92	17.8	14.5	21.7		

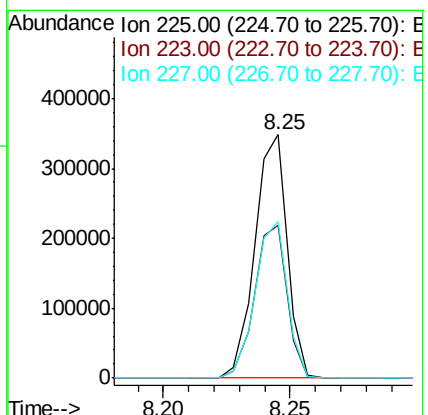
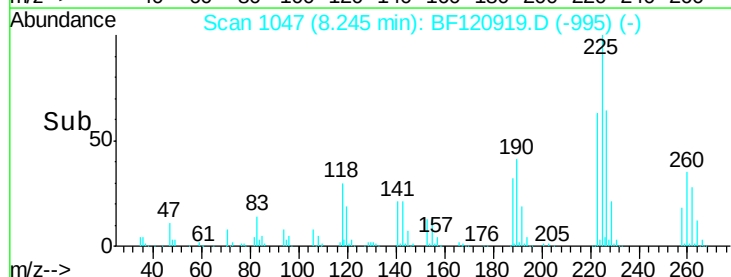
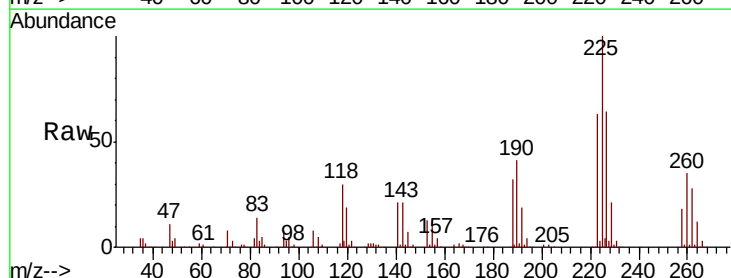
Manual Integrations
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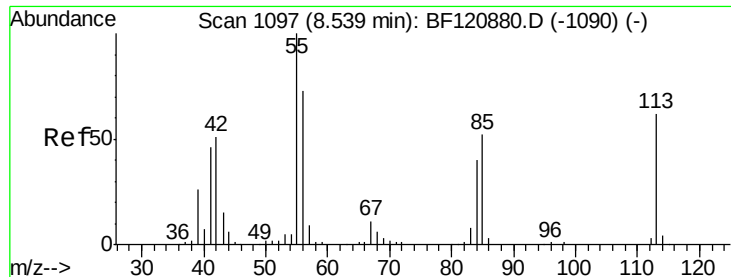
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#34
Hexachlorobutadiene
Concen: 40.740 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.6	76.0		
227	64.2	52.2	78.2		





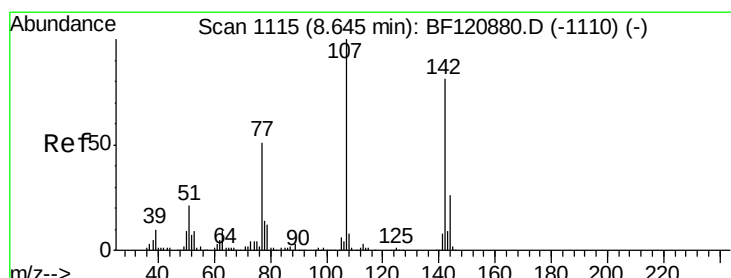
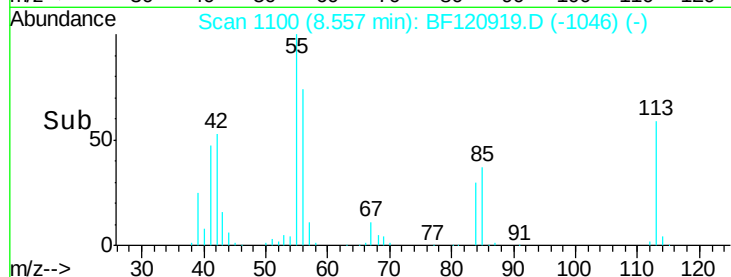
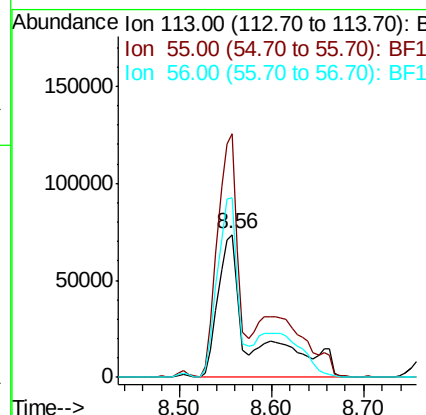
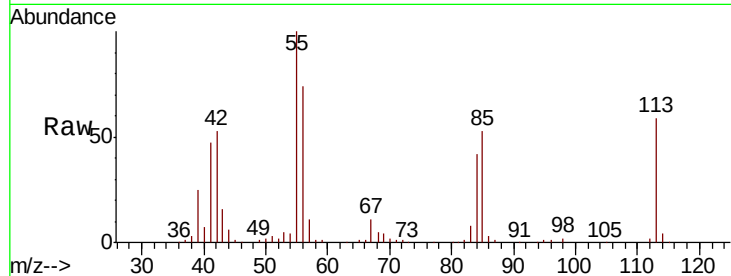
#35
Caprolactam
Concen: 51.246 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.1	143.3	183.3
56	125.3	99.4	139.4

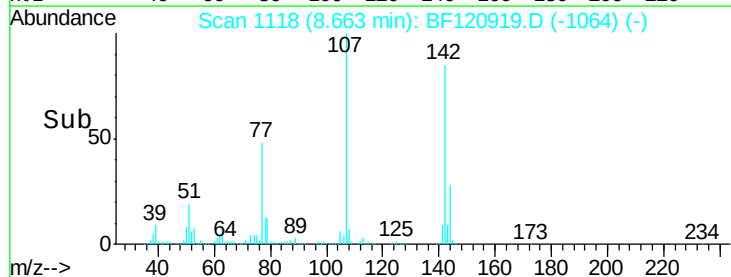
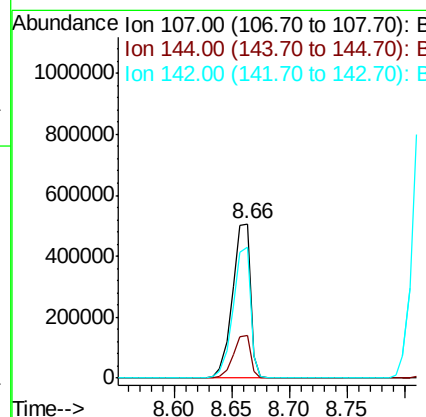
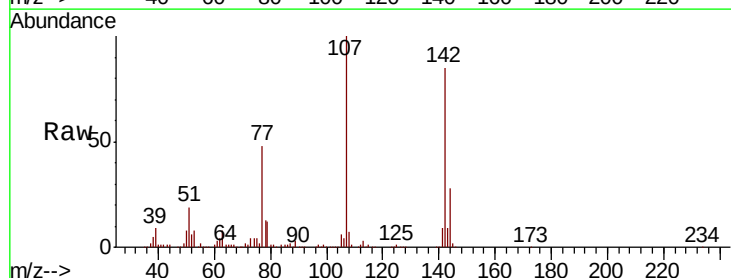
Manual Integrations
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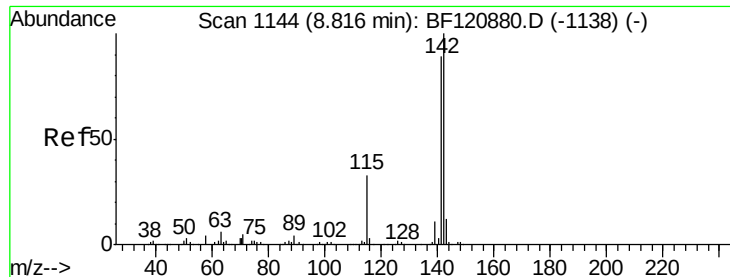
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.842 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	21.0	31.6
142	85.4	65.0	97.6





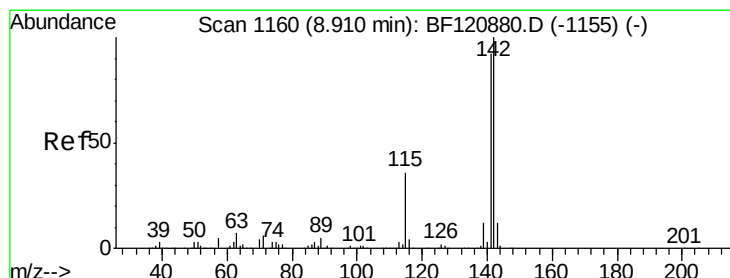
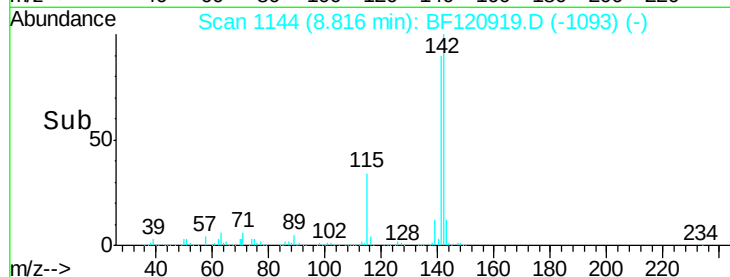
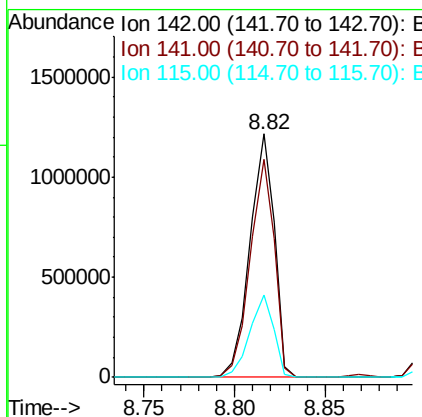
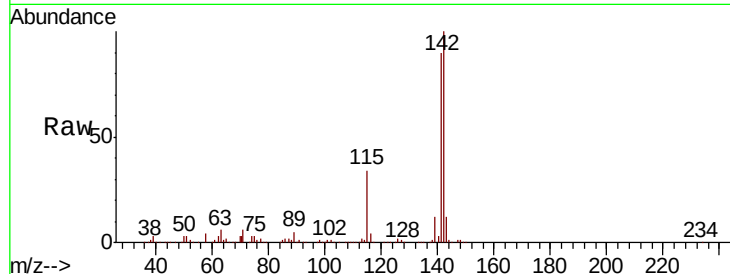
#37
2-Methylnaphthalene
Concen: 43.085 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	89.6	71.0	106.4	
115	33.7	26.0	39.0	

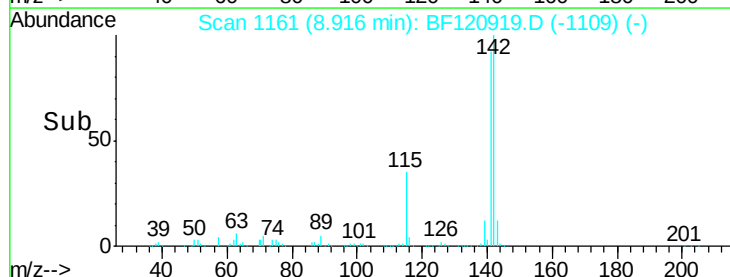
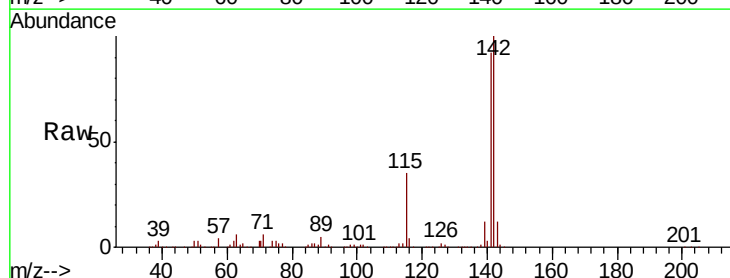
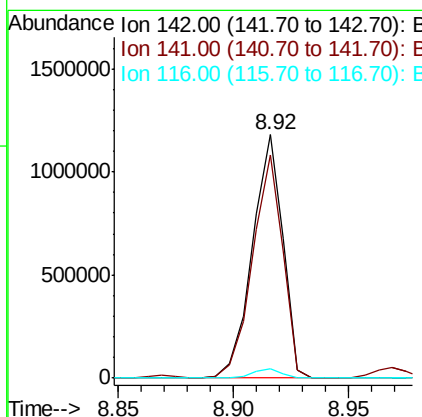
Manual Integrations
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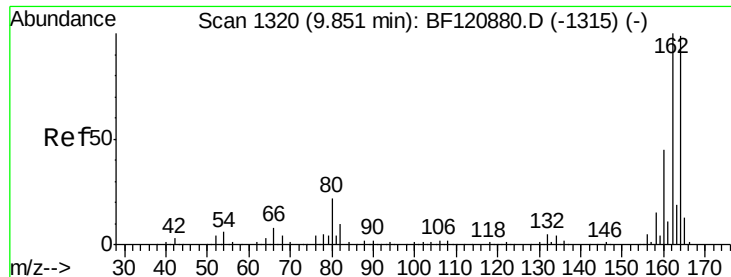
mohammad
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#38
1-Methylnaphthalene
Concen: 43.395 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.7	73.7	110.5	
116	3.6	3.0	4.6	





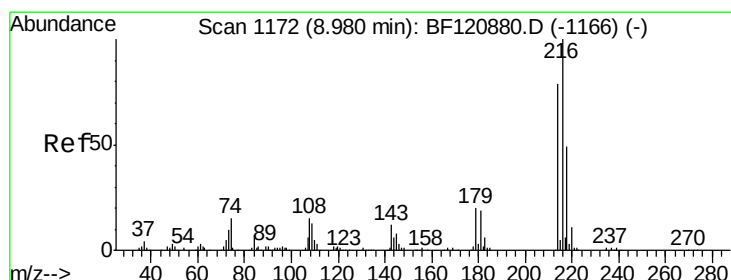
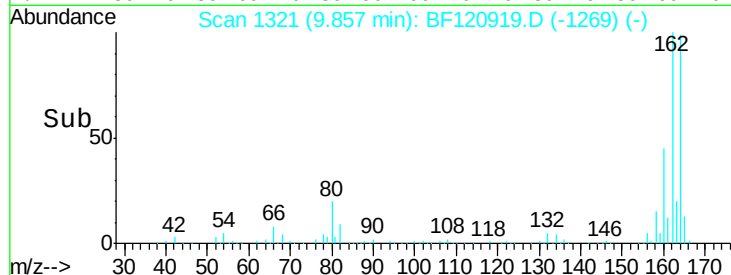
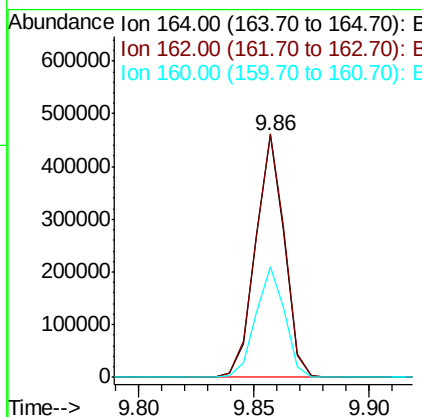
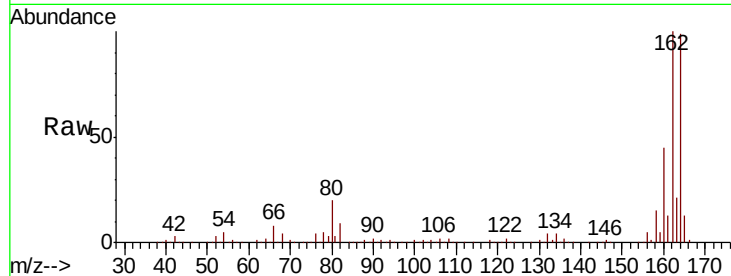
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	45.6	36.9	55.3

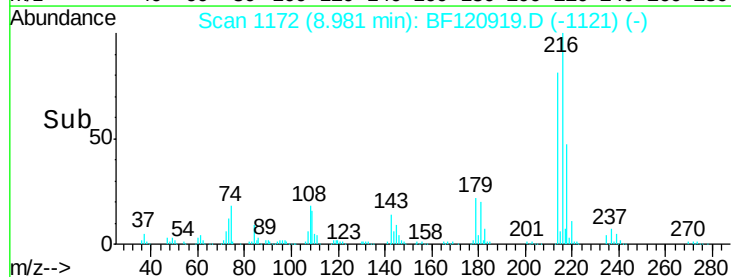
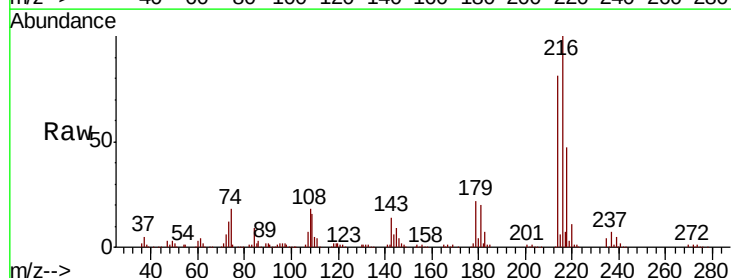
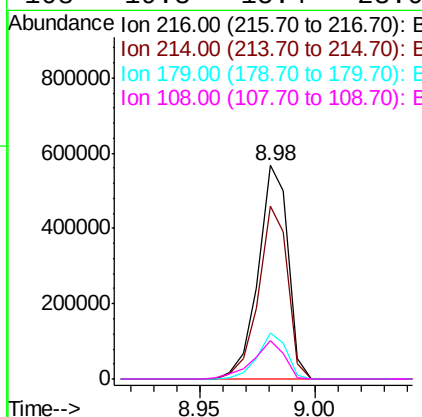
Manual Integrations
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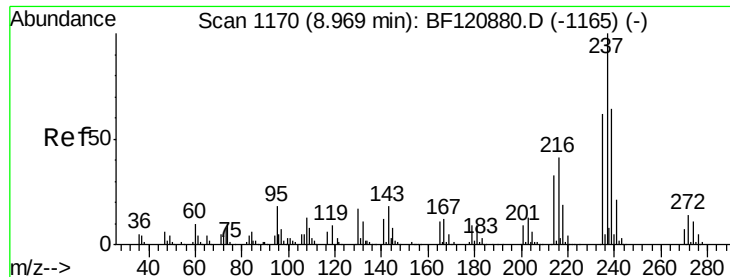
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.026 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.8	95.8
179	20.7	16.6	24.8
108	19.3	15.4	23.0





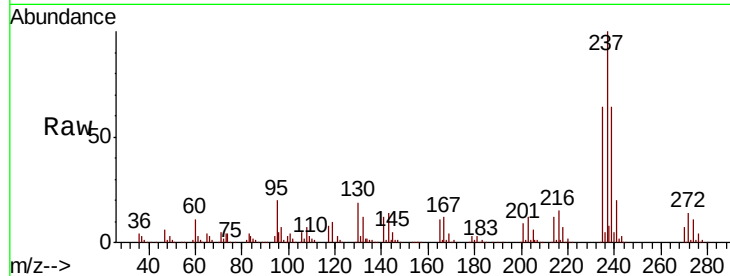
#41
Hexachlorocyclopentadiene
Concen: 62.280 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

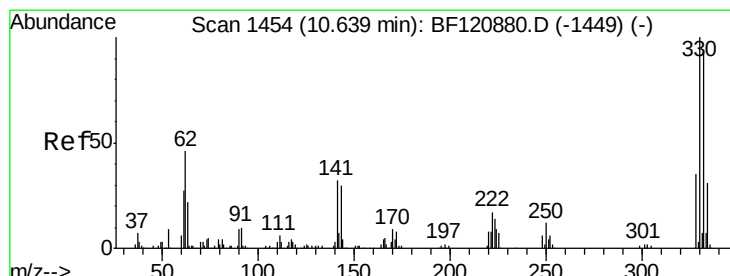
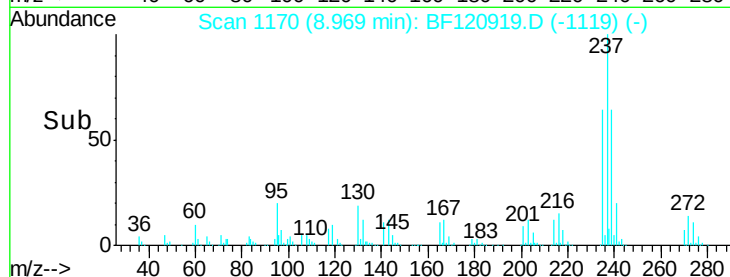
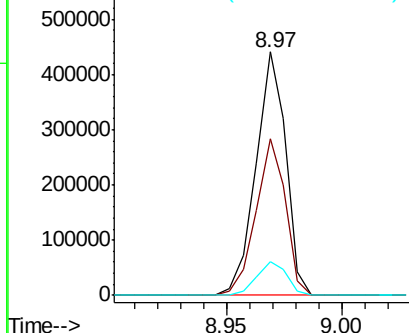
Tot Ion:	237	Resp:	399722
Ion Ratio	Lower	Upper	
237	100		
235	64.3	41.6	81.6
272	13.7	0.0	33.7

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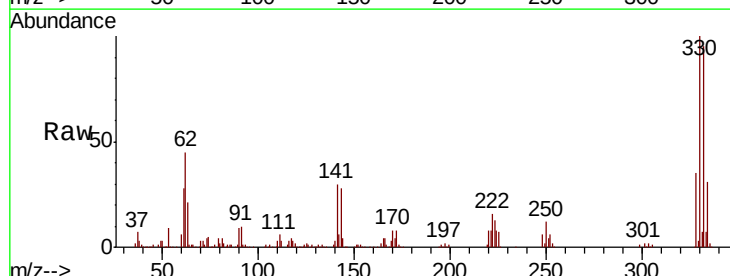


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

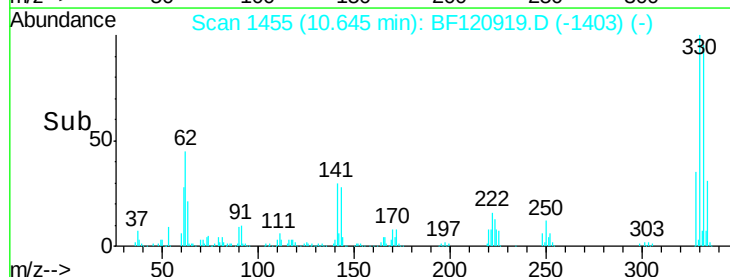
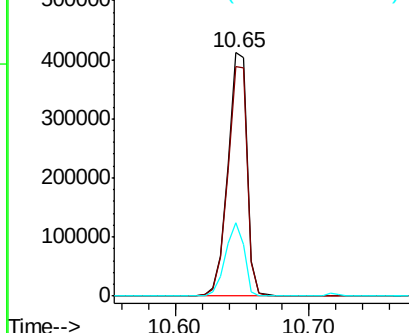


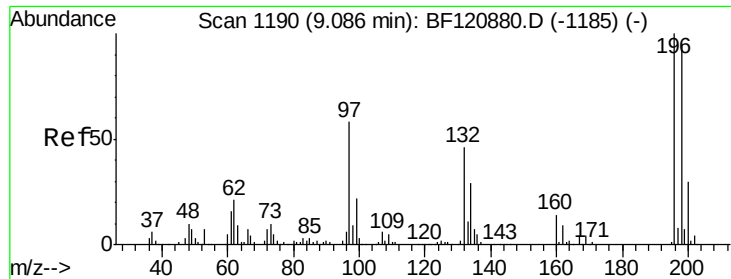
#42
2,4,6-Tribromophenol
Concen: 96.355 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:	330	Resp:	420378
Ion Ratio	Lower	Upper	
330	100		
332	95.4	75.5	113.3
141	29.7	25.7	38.5



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





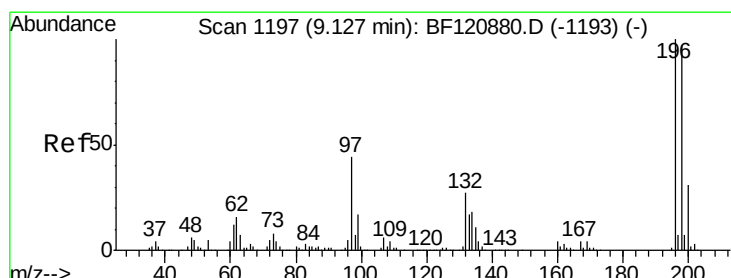
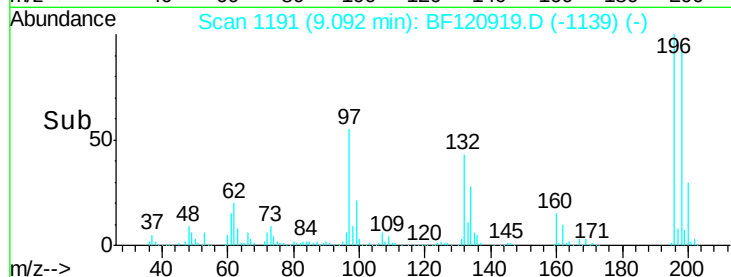
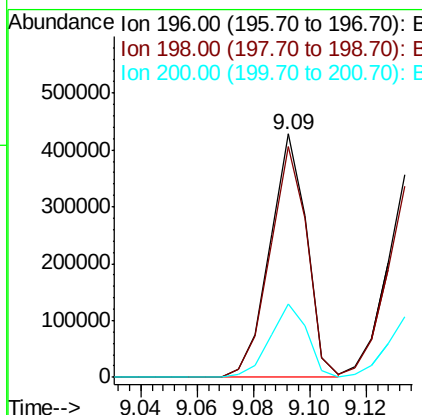
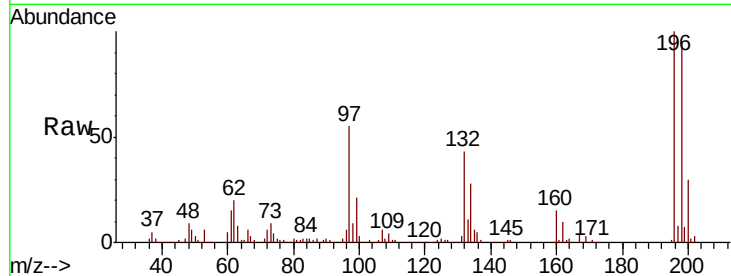
#43
 2,4,6-Trichlorophenol
 Concen: 47.266 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampled :
 24MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	386470		
198	95.0	75.7	113.5	
200	30.1	24.4	36.6	

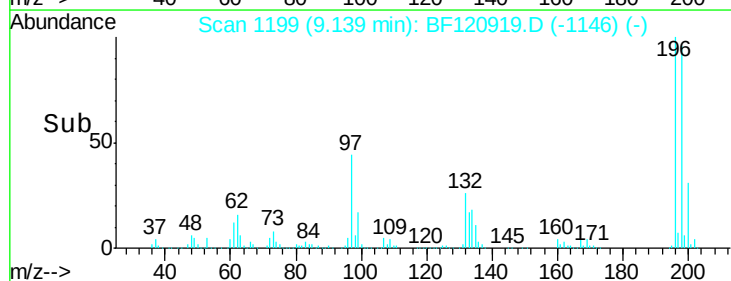
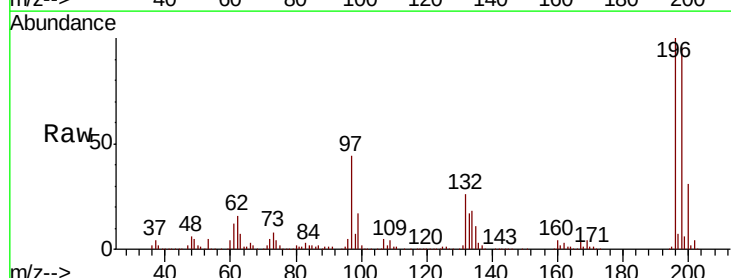
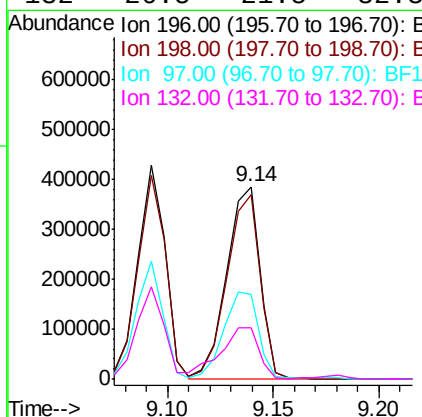
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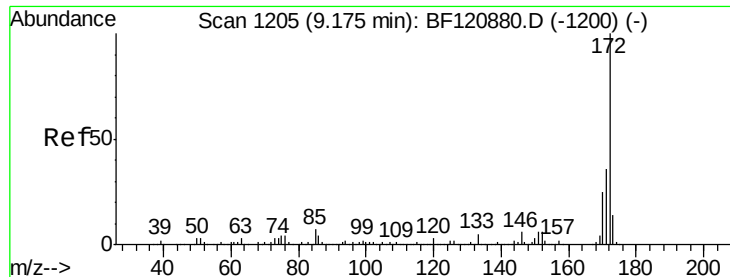
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#44
 2,4,5-Trichlorophenol
 Concen: 45.324 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	420371		
198	96.1	77.6	116.4	
97	44.0	35.6	53.4	
132	26.5	21.5	32.3	





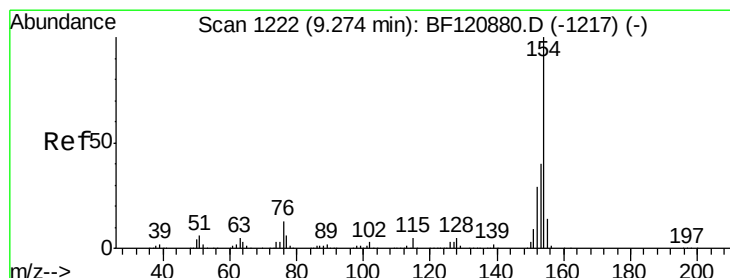
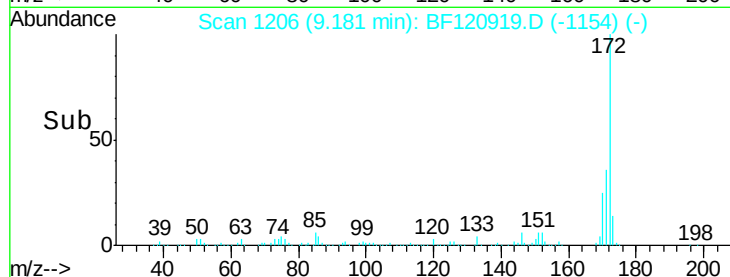
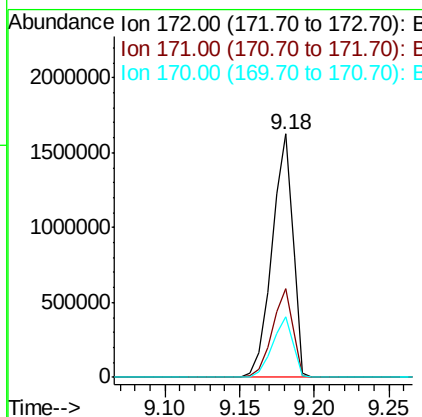
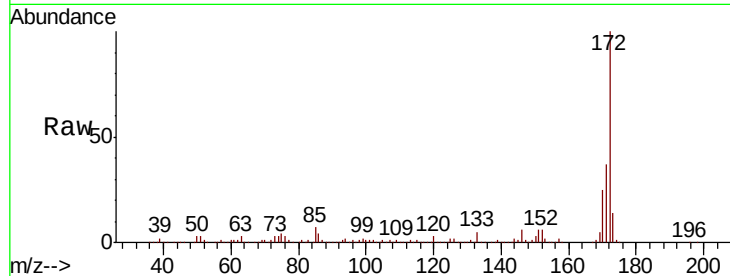
#45
2-Fluorobiphenyl
Concen: 58.866 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.0	19.6	29.4

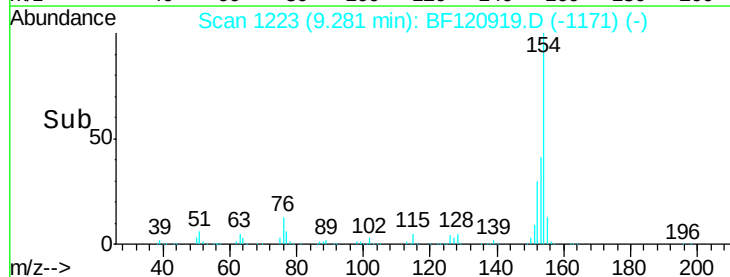
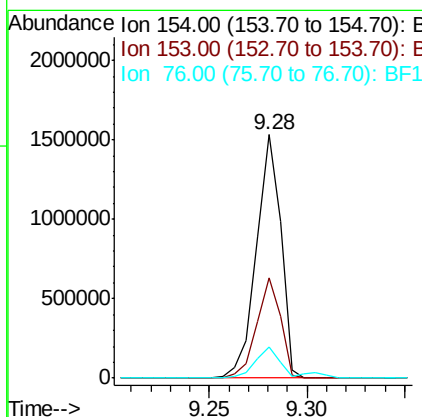
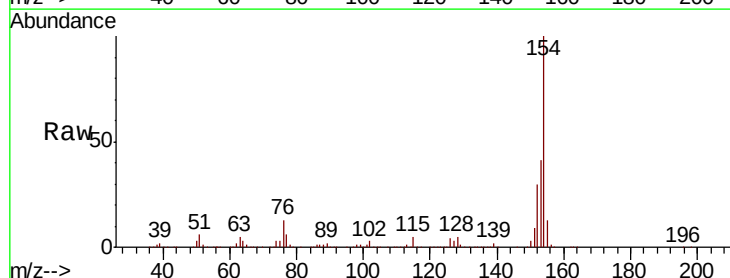
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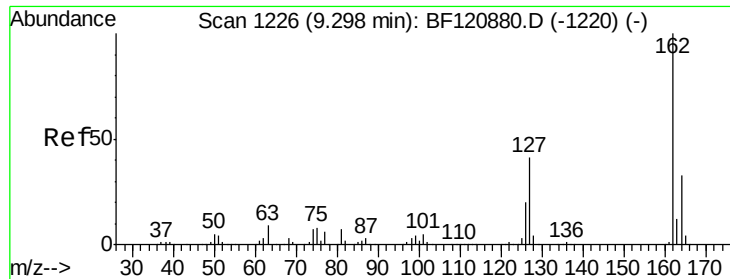
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#46
1,1'-Biphenyl
Concen: 43.779 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.4	60.4
76	12.8	0.0	33.1





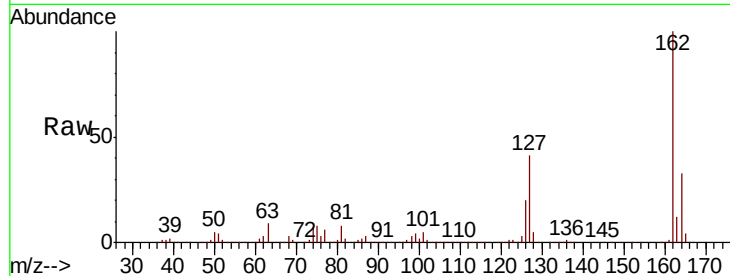
#47
 2-Chloronaphthalene
 Concen: 43.339 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleID :
 24MSD

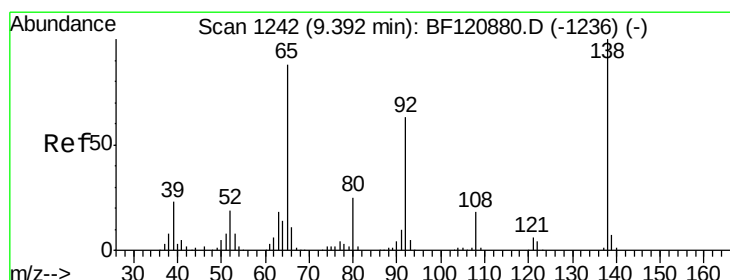
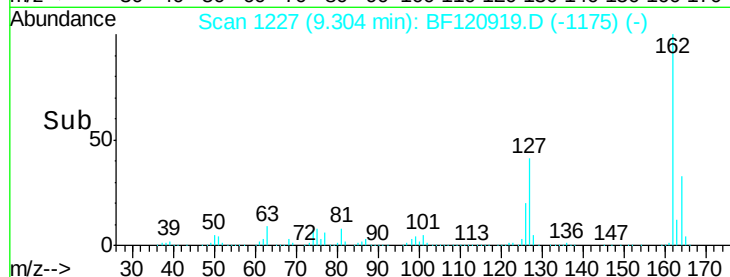
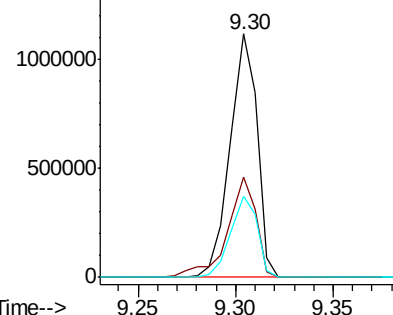
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	33.3	49.9
164	33.3	26.6	39.8

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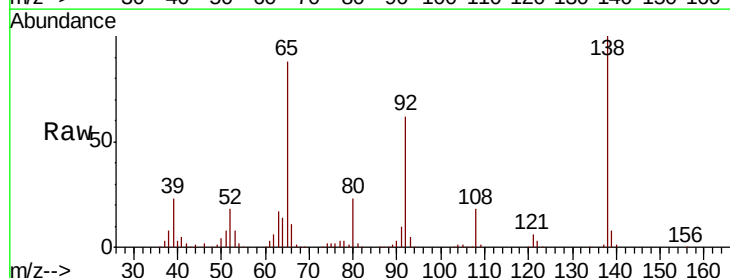


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

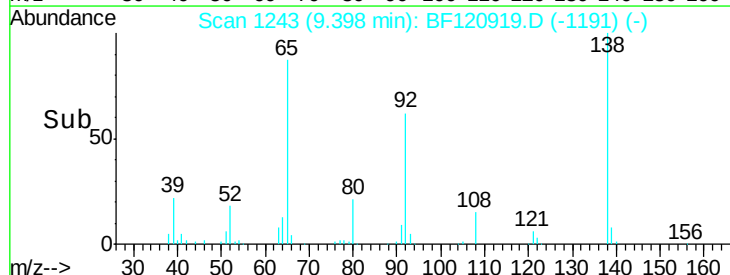
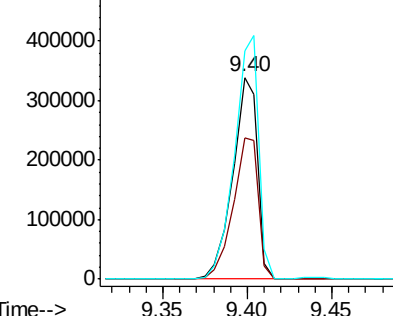


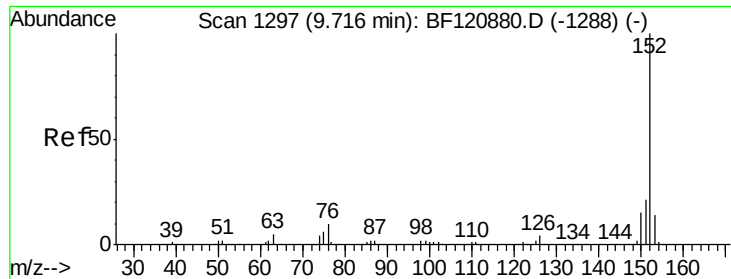
#48
 2-Nitroaniline
 Concen: 46.576 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.0	85.4
138	113.3	90.4	135.6



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





#49

Acenaphthylene

Concen: 43.295 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:152 Resp: 1667247

Ion Ratio Lower Upper

152 100

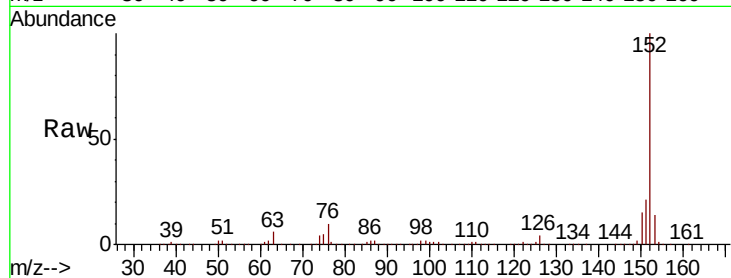
151 21.4 16.6 25.0

153 13.7 10.9 16.3

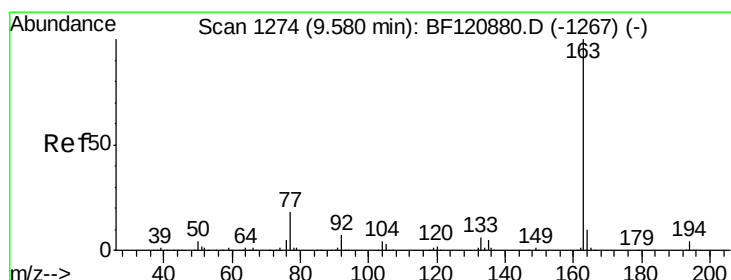
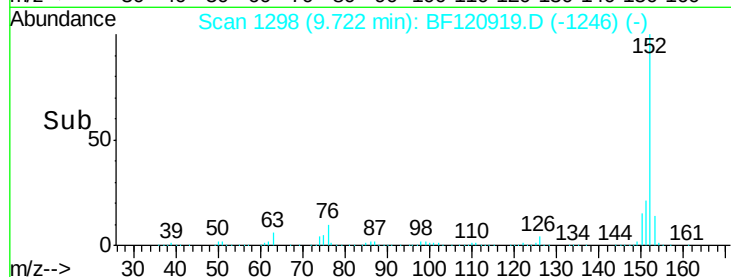
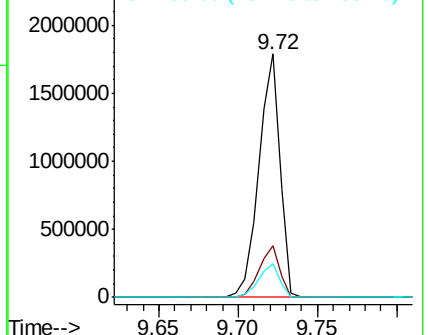
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 53.808 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

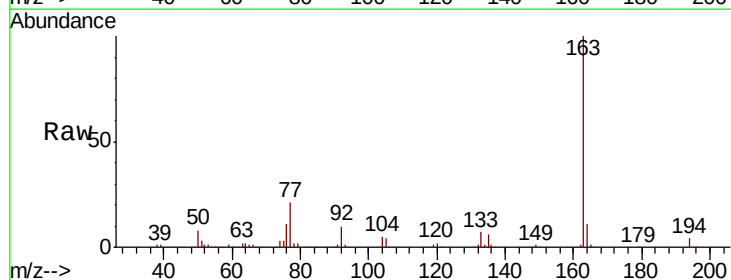
Tgt Ion:163 Resp: 1547242

Ion Ratio Lower Upper

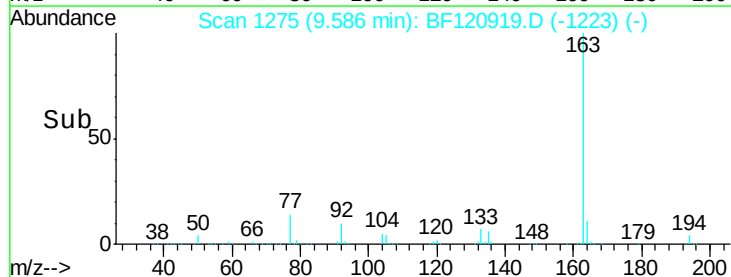
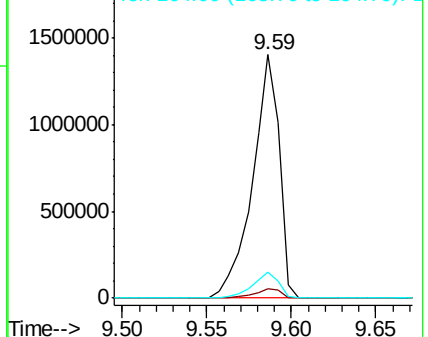
163 100

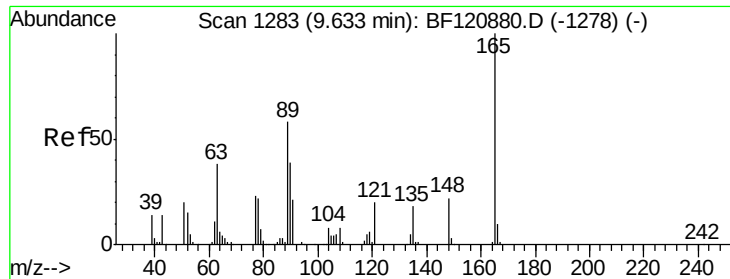
194 4.0 3.2 4.8

164 10.7 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





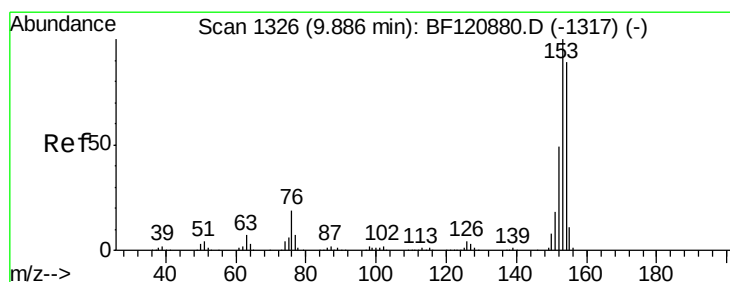
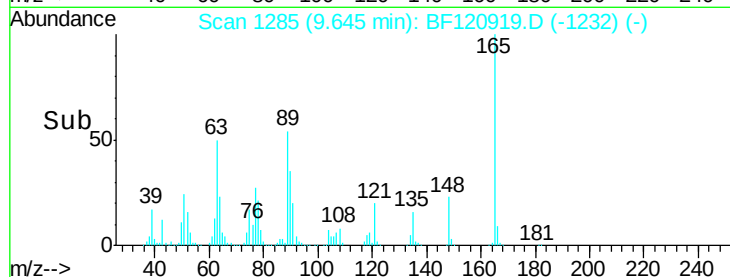
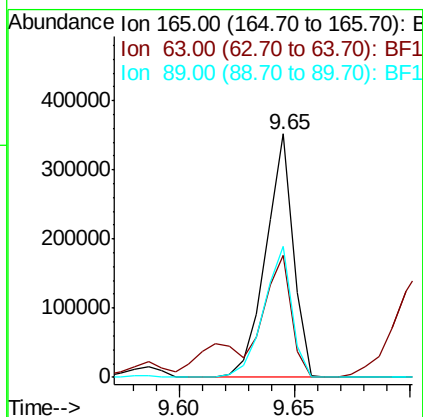
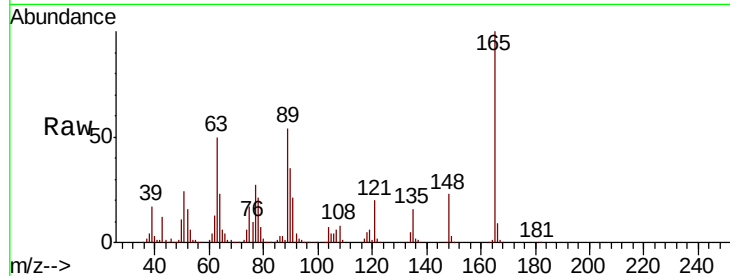
#51
2,6-Dinitrotoluene
Concen: 47.444 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	293093		
63	50.2		45.4	68.2
89	53.9		47.0	70.4

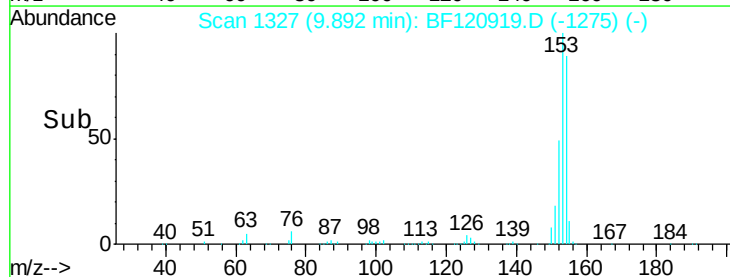
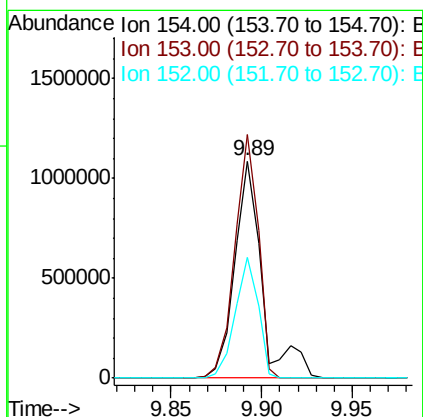
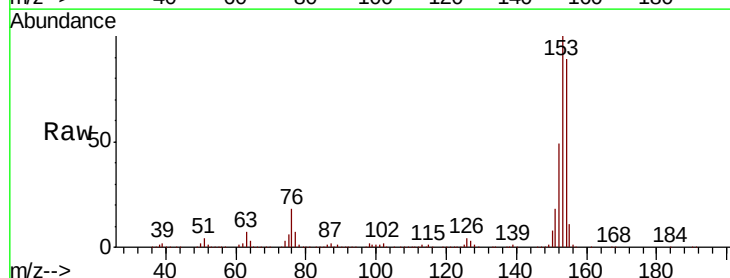
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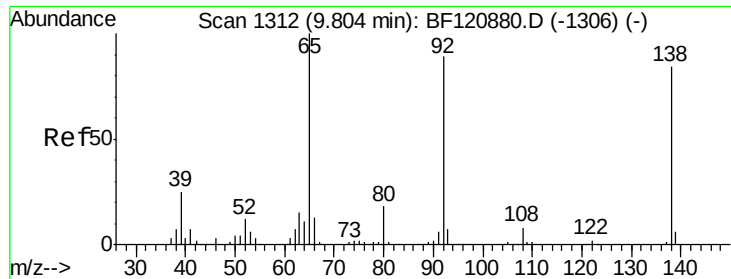
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#52
Acenaphthene
Concen: 46.335 ng m
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1134404		
153	112.1		89.5	134.3
152	55.3		44.2	66.2





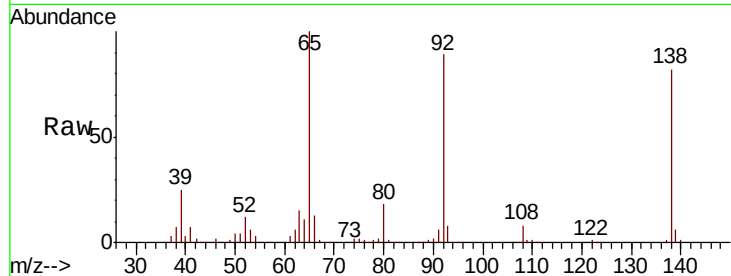
#53
3-Nitroaniline
Concen: 36.164 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	108.6	85.3	127.9

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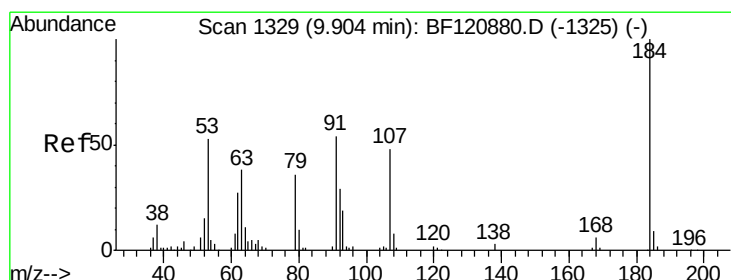
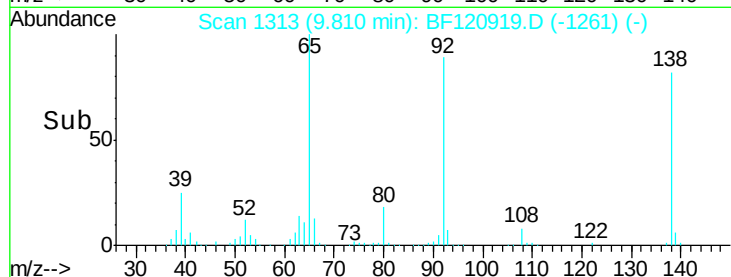
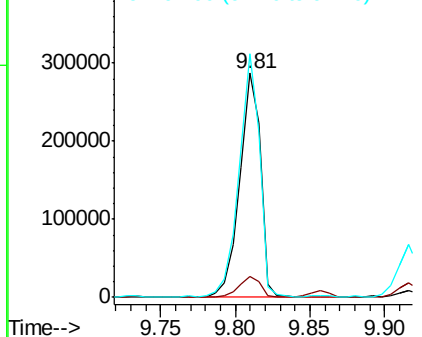


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.243 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

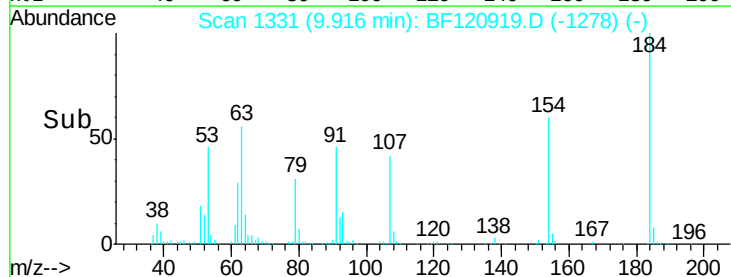
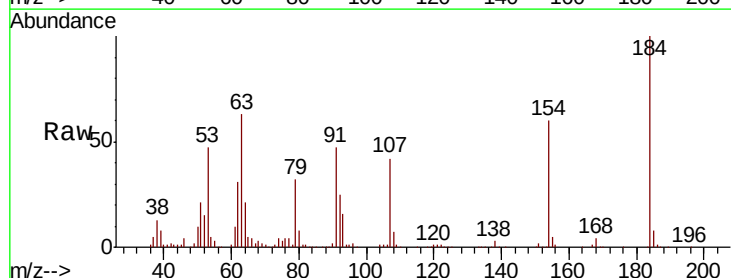
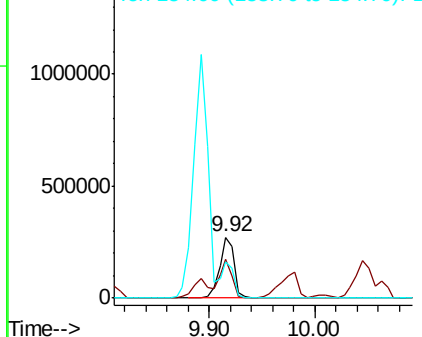
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.7	57.9	86.9
154	60.2	52.6	78.8

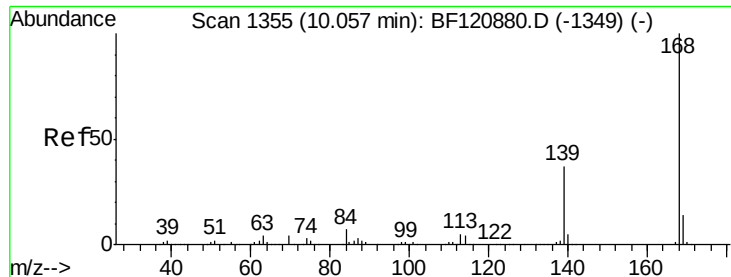
Abundance

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





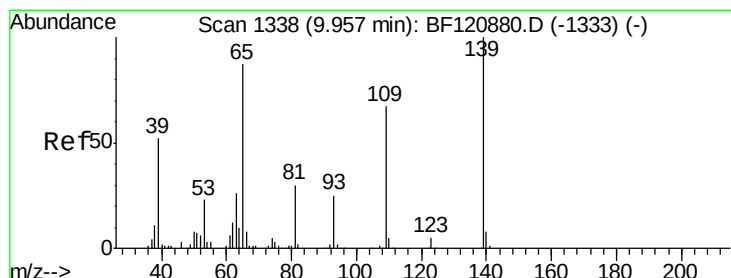
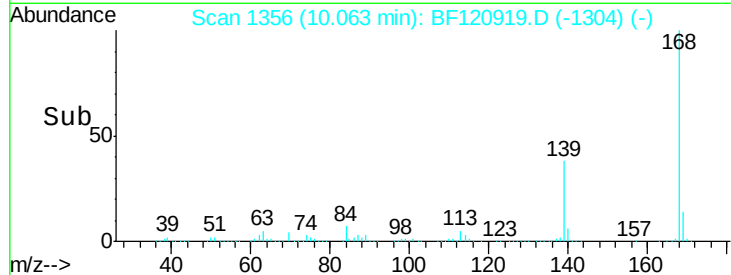
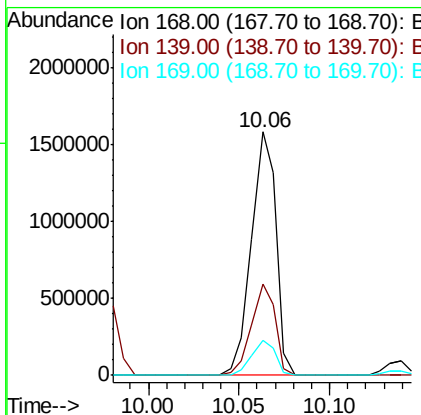
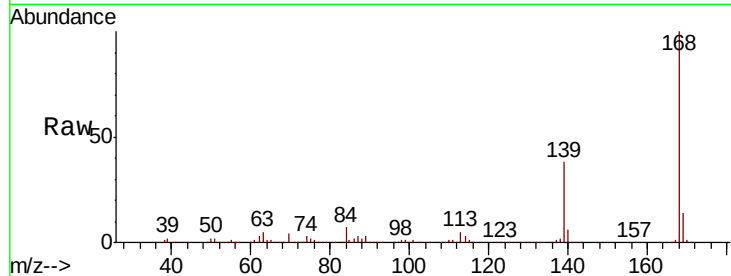
#55
Dibenzenofuran
Concen: 42.169 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	29.7	44.5
169	14.3	11.1	16.7

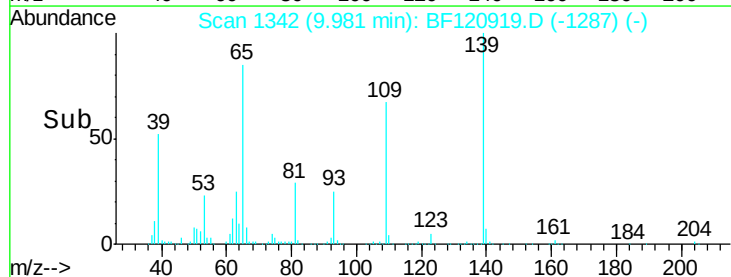
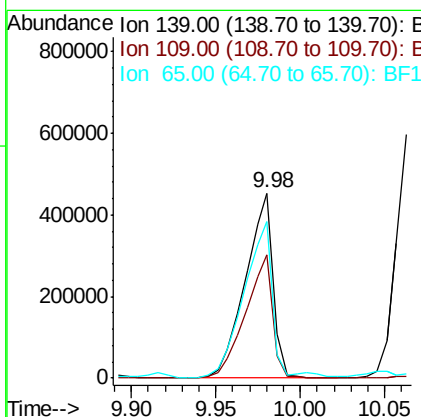
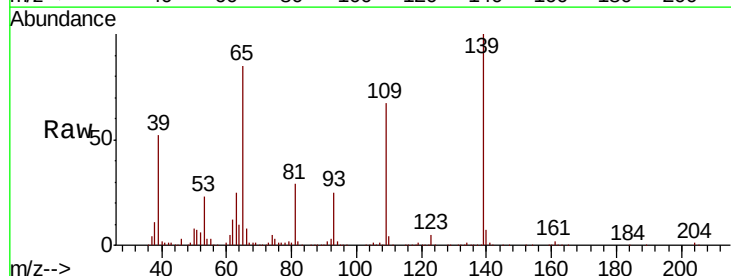
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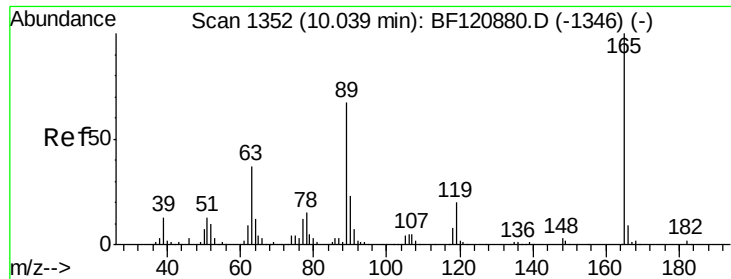
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#56
4-Nitrophenol
Concen: 88.583 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	47.3	87.3
65	85.0	67.2	107.2





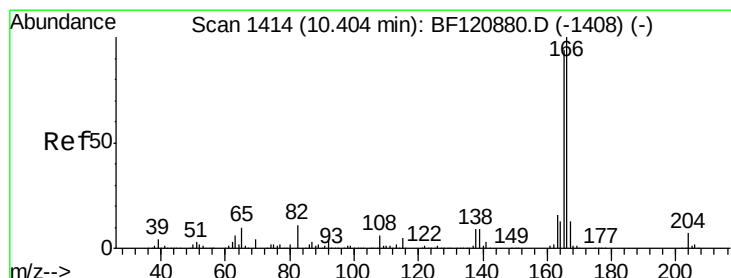
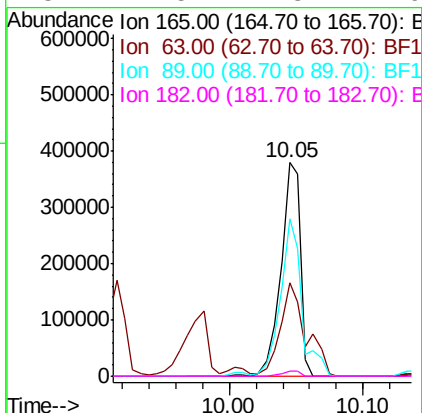
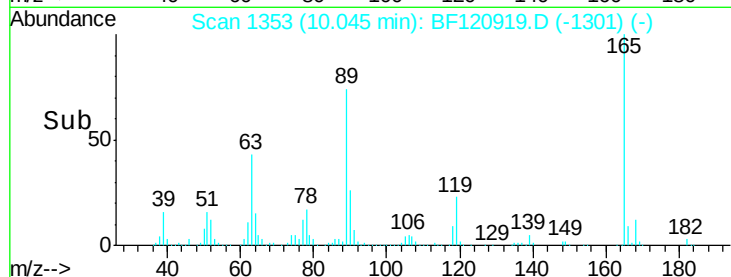
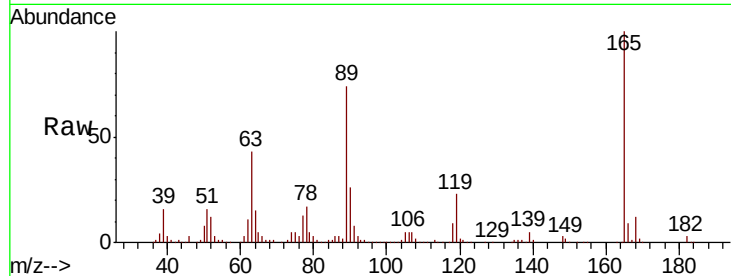
#57
2,4-Dinitrotoluene
Concen: 48.093 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	390160		
63	43.5	29.4	44.2	
89	73.8	53.4	80.0	
182	2.5	1.8	2.6	

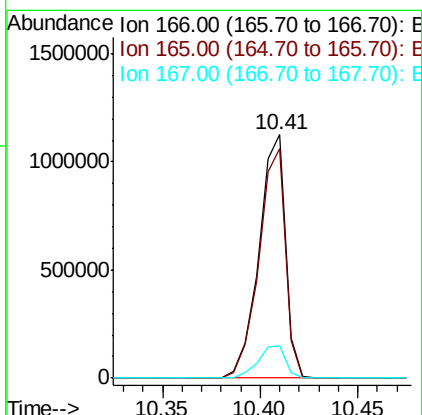
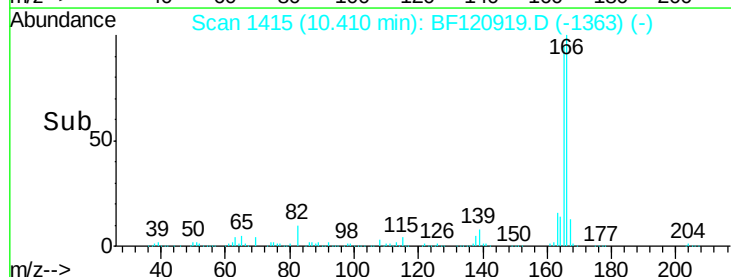
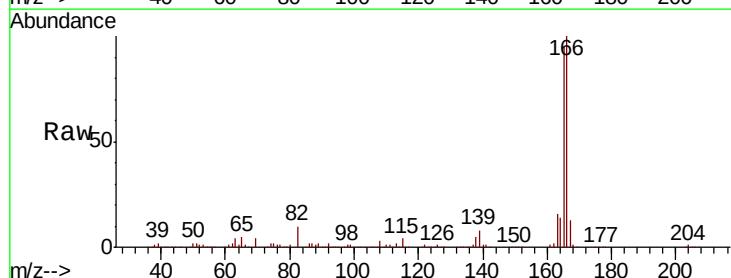
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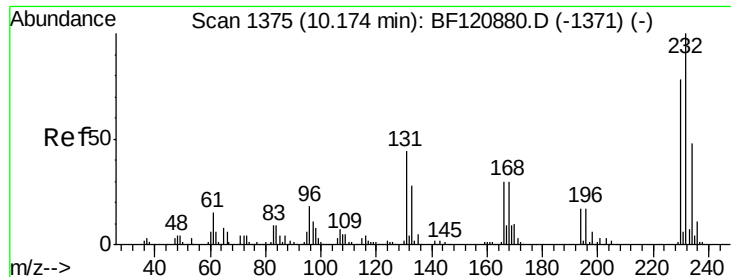
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#58
Fluorene
Concen: 40.157 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1060359		
165	94.5	75.4	113.0	
167	13.4	10.6	15.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 49.172 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:232 Resp: 347236

Ion Ratio Lower Upper

232 100

131 43.5 37.1 55.7

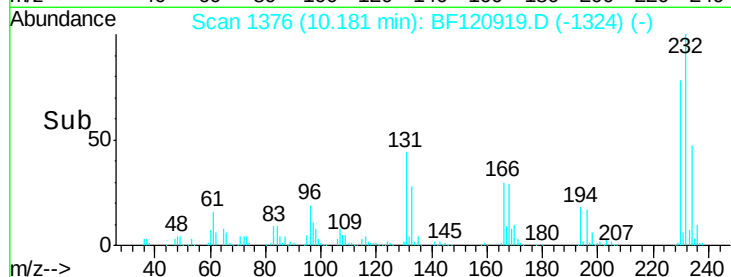
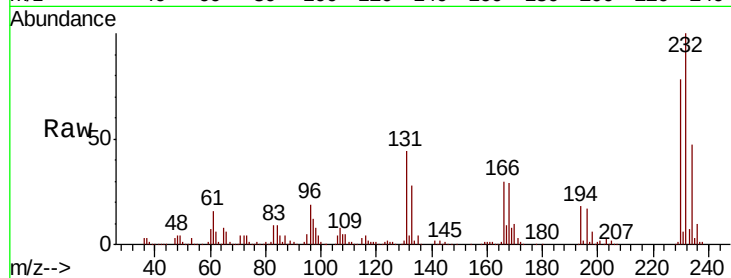
130 2.1 1.7 2.5

166 29.8 24.2 36.4

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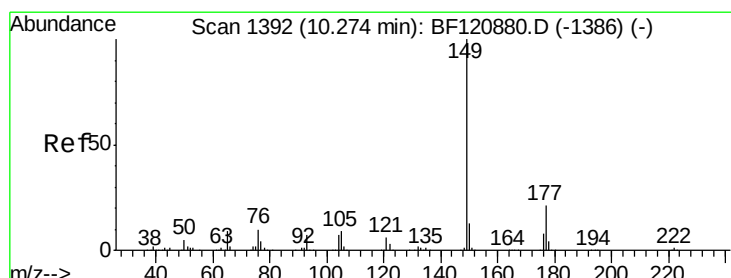
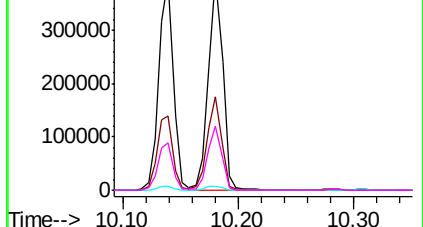


Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.136 ng

RT: 10.29 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

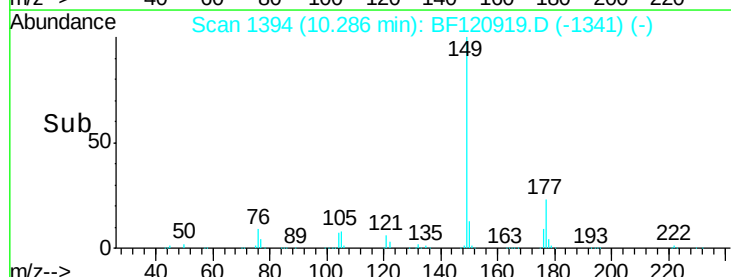
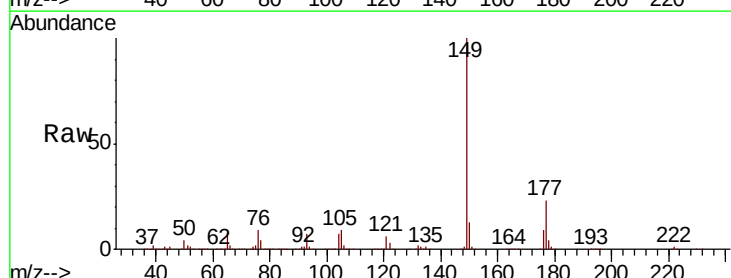
Tgt Ion:149 Resp: 1283673

Ion Ratio Lower Upper

149 100

177 23.1 17.1 25.7

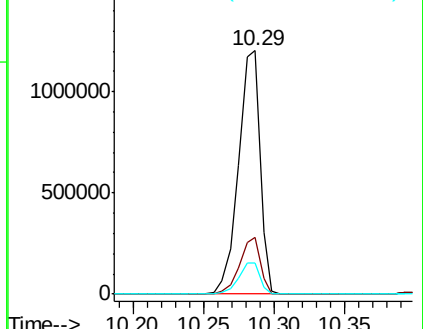
150 12.7 10.3 15.5

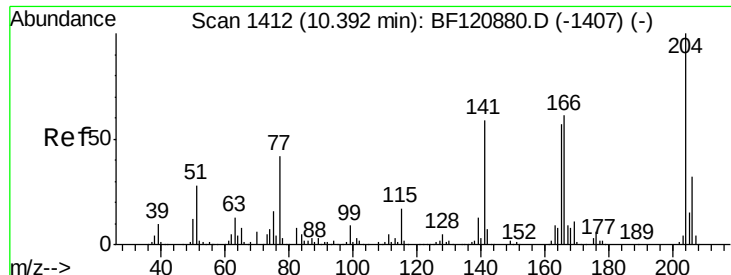


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





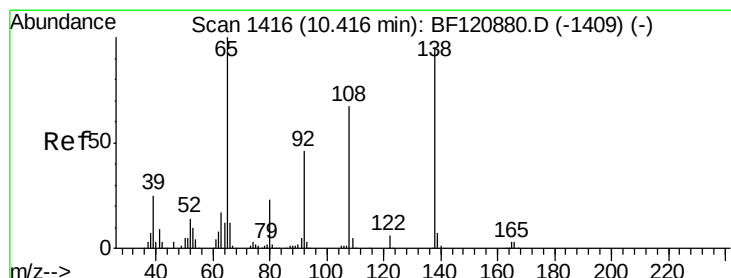
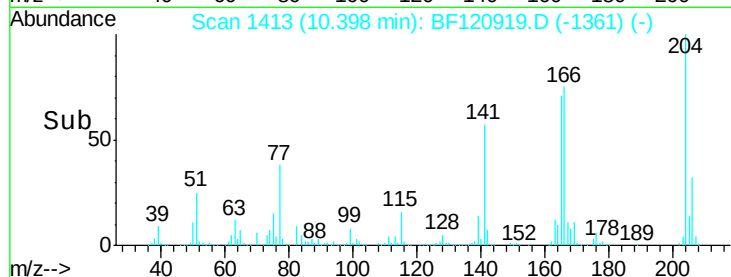
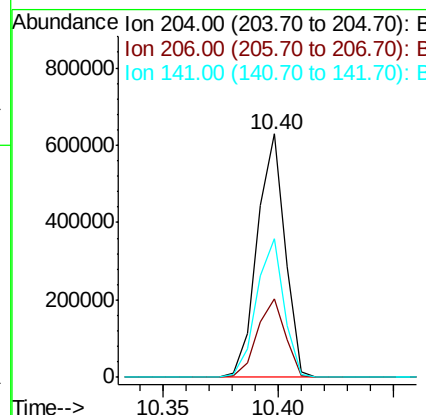
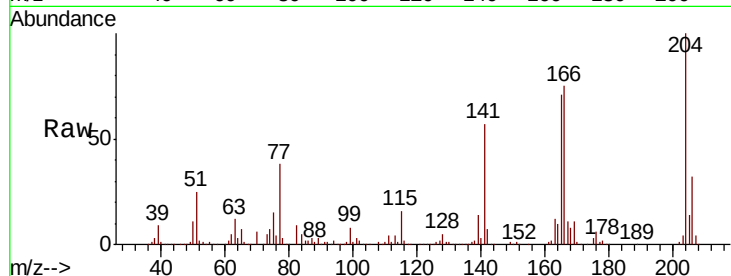
#61
4-Chlorophenyl-phenylether
Concen: 37.629 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	56.9	47.2	70.8

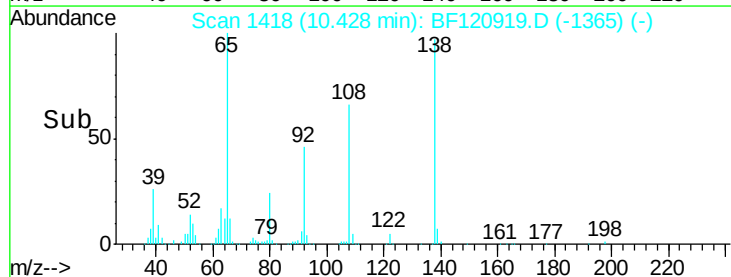
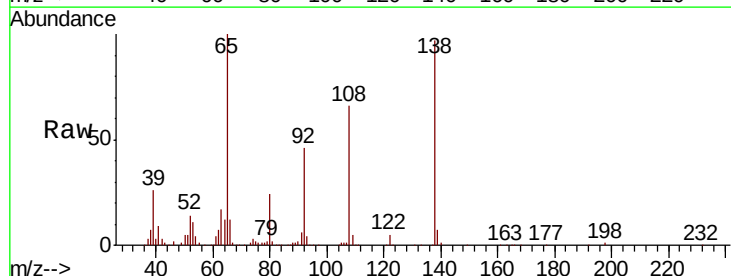
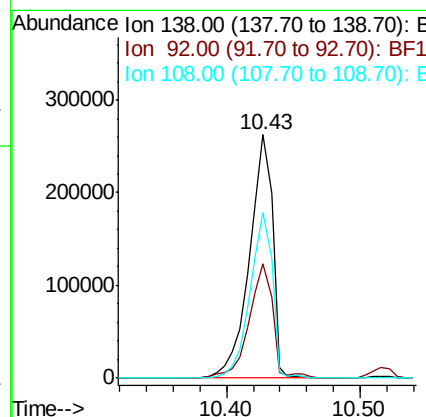
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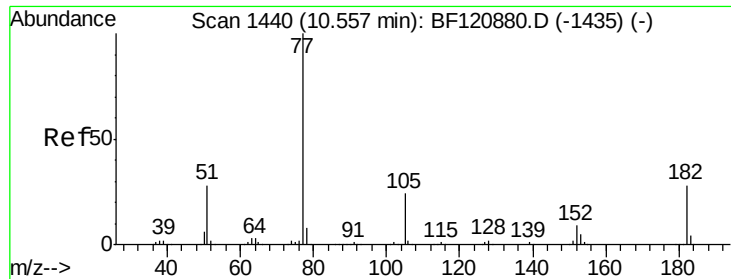
mohammad
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#62
4-Nitroaniline
Concen: 41.242 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	28.6	68.6
108	68.1	51.1	91.1





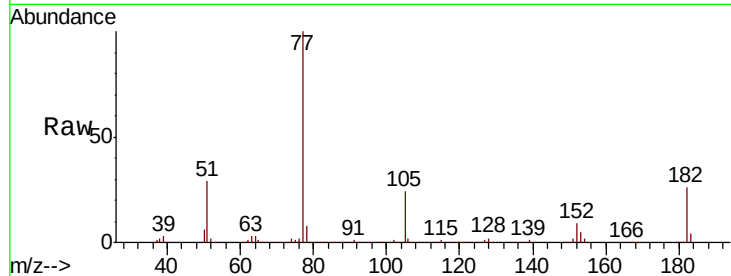
#63
Azobenzene
Concen: 43.301 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

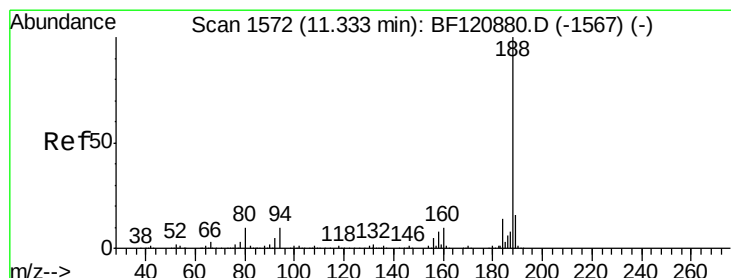
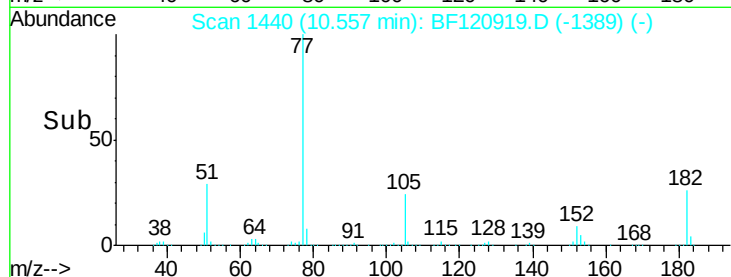
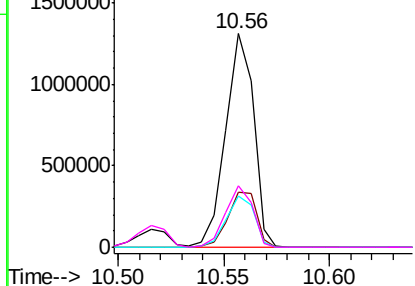
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.0	7.8	47.8
105	23.8	4.4	44.4
51	29.1	8.0	48.0

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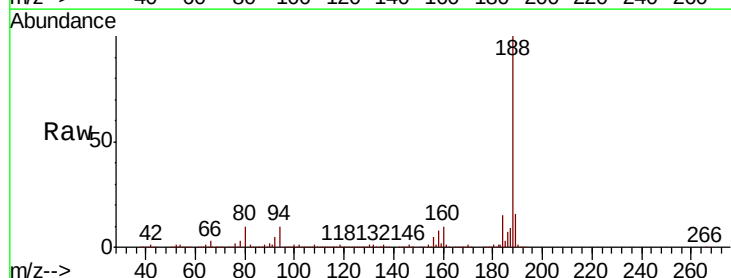


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

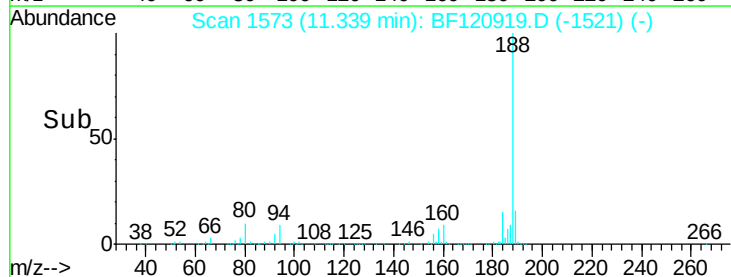
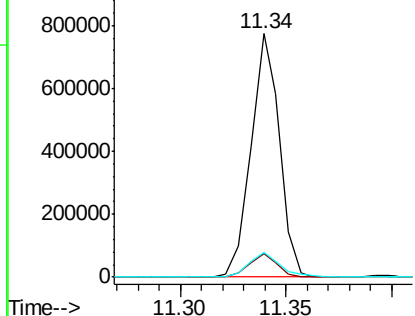


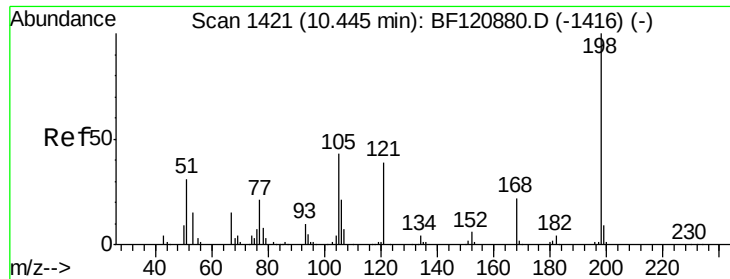
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.3	8.3	12.5



Abundance Ion 188.00 (187.70 to 188.70): E
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: 43.308 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampled :

24MSD

Tot Ion:198 Resp: 179484

Ion Ratio Lower Upper

198 100

51 34.3 19.5 59.5

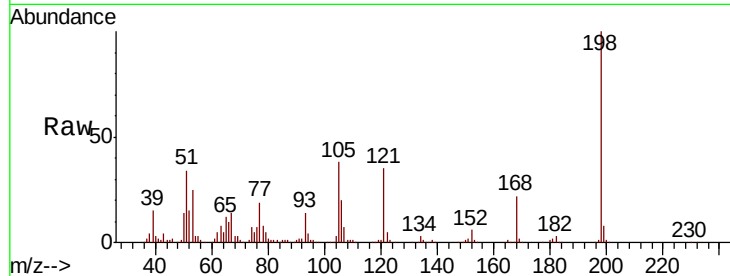
105 37.6 24.4 64.4

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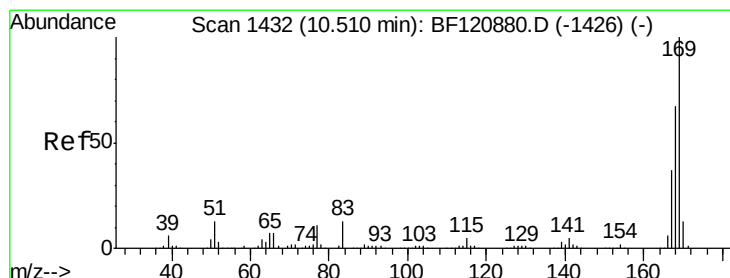
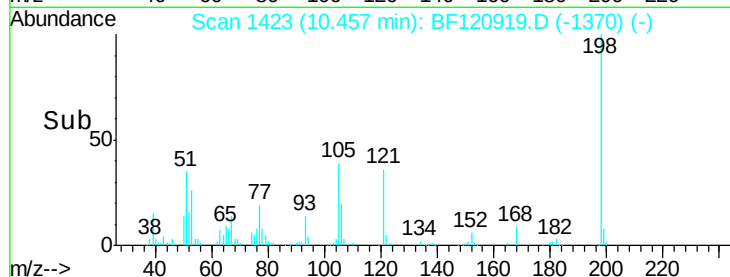
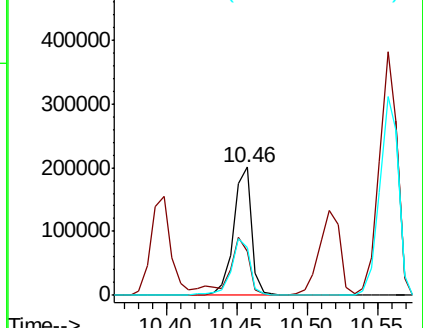
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.280 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

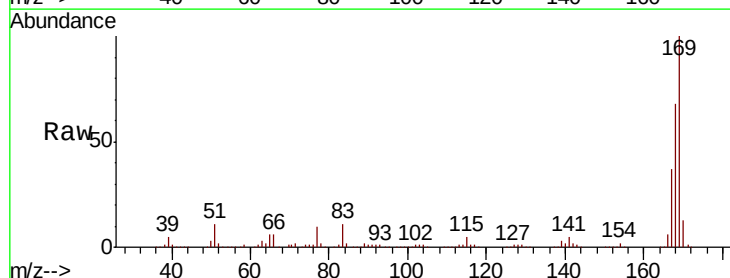
Tgt Ion:169 Resp: 1075182

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

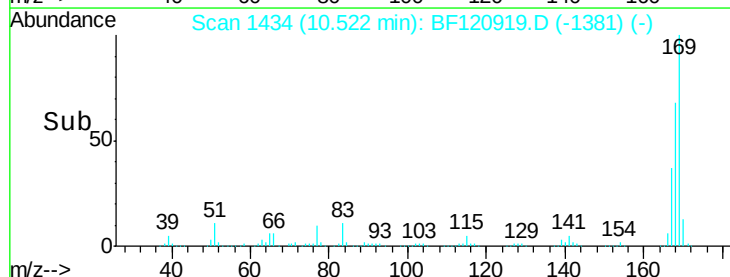
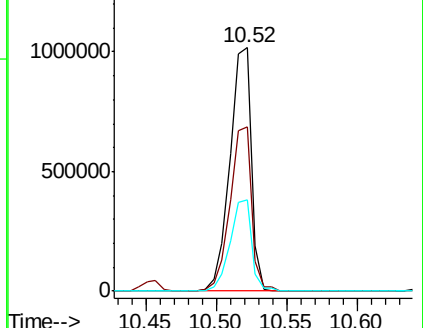
167 37.3 29.4 44.0

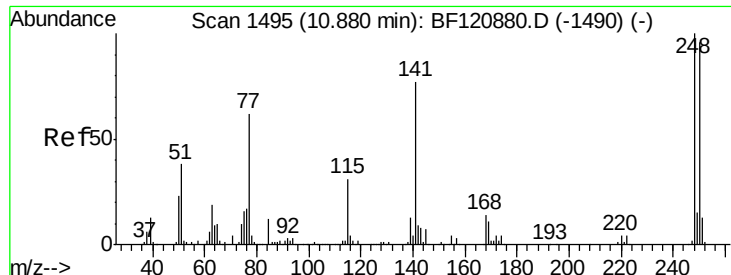


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





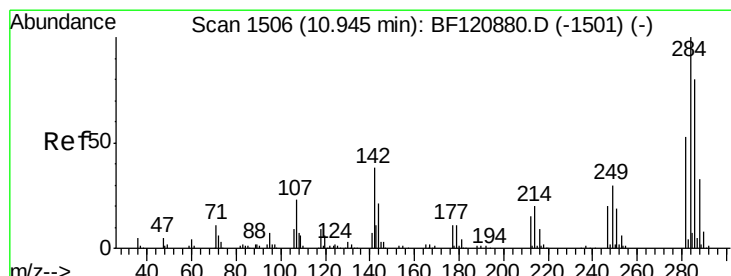
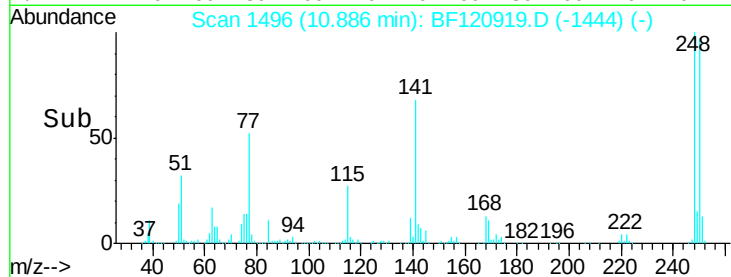
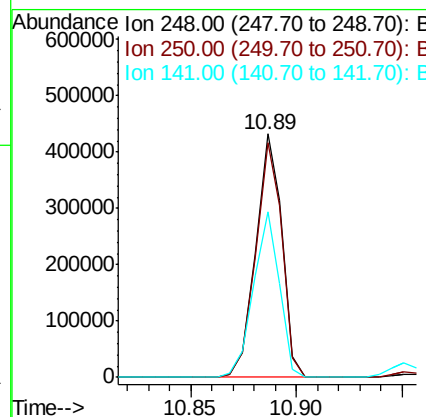
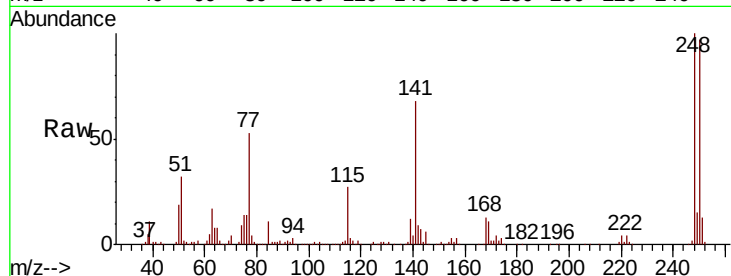
#67
 4-Bromophenyl-phenylether
 Concen: 46.178 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion:	248	Resp:	372184
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	68.2	61.2	91.8

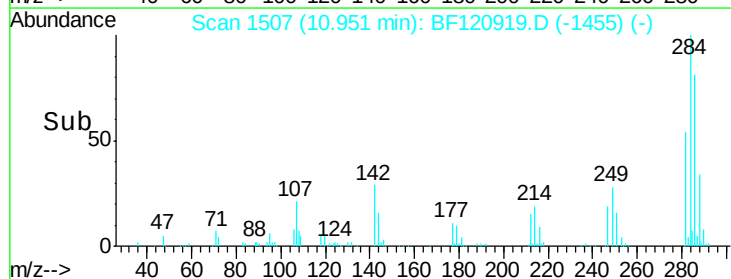
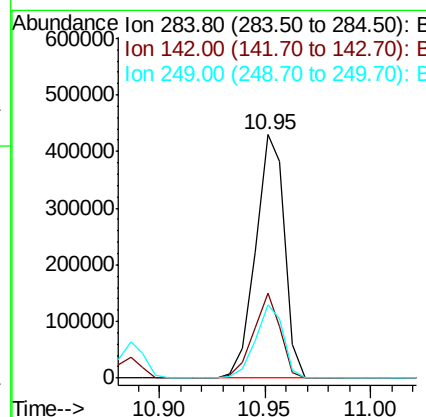
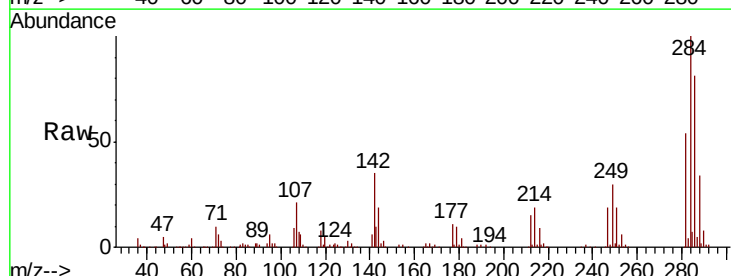
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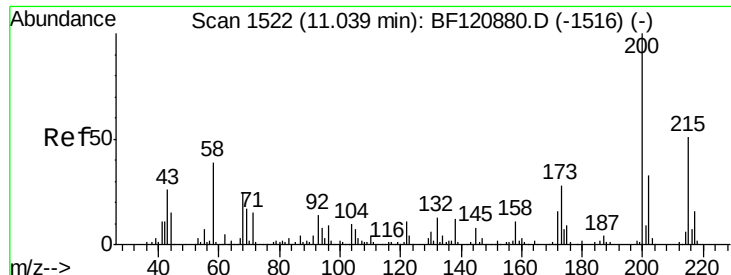
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#68
 Hexachlorobenzene
 Concen: 46.768 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:	284	Resp:	407747
Ion Ratio	Lower	Upper	
284	100		
142	34.7	30.2	45.2
249	29.9	24.2	36.2





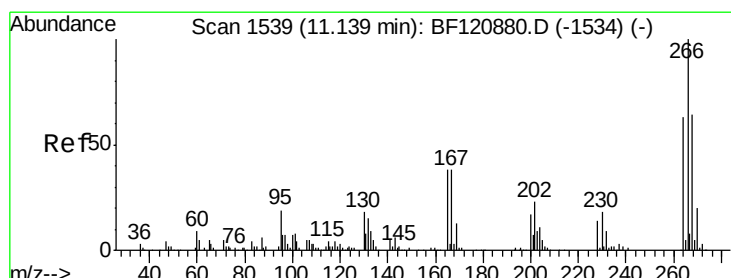
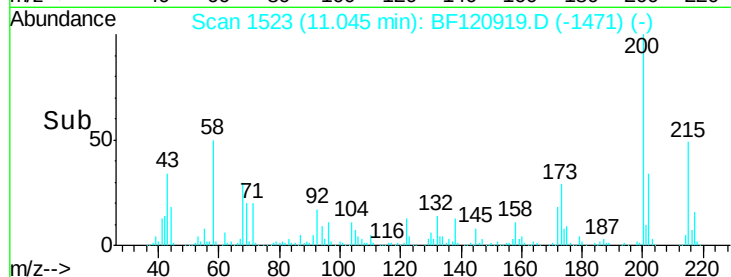
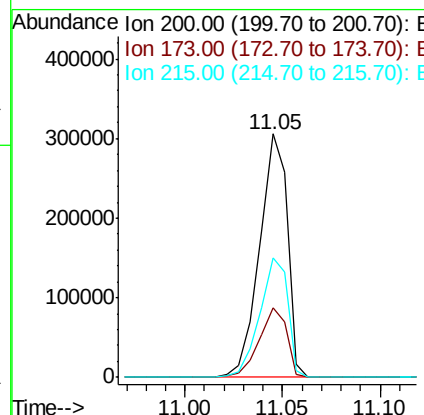
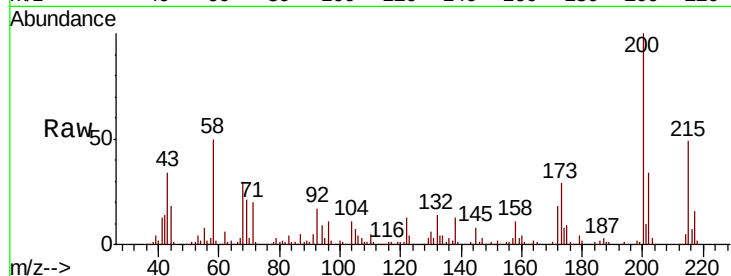
#69
Atrazine
Concen: 53.590 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	301817		
173	28.7	8.0	48.0	
215	49.2	31.5	71.5	

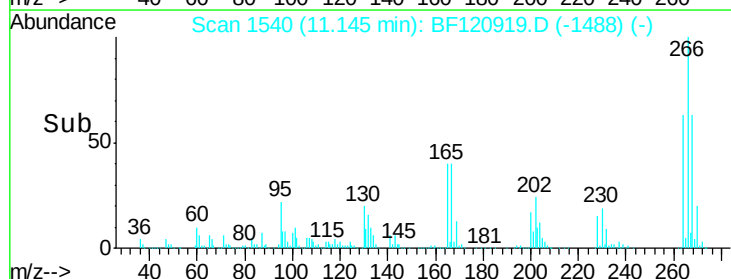
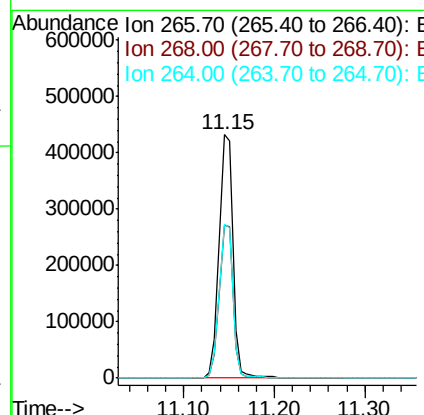
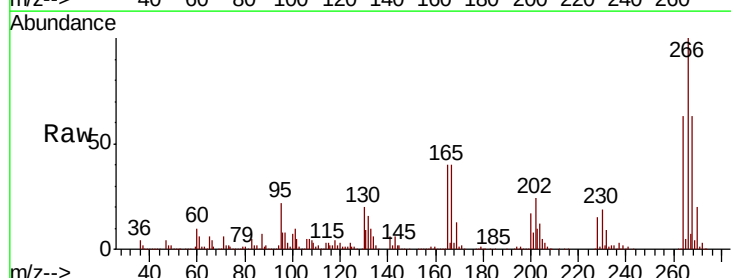
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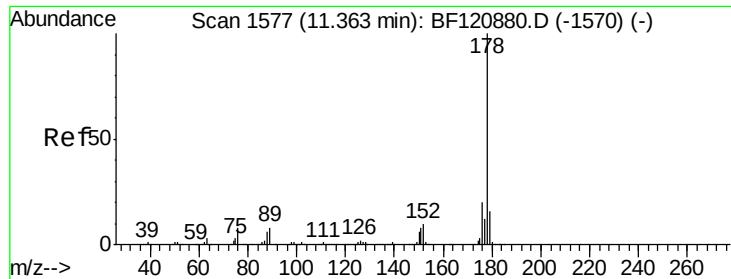
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#70
Pentachlorophenol
Concen: 92.859 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	463804		
268	62.7	51.1	76.7	
264	63.4	50.2	75.2	





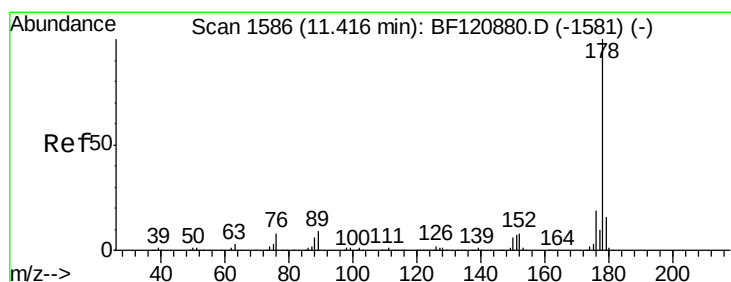
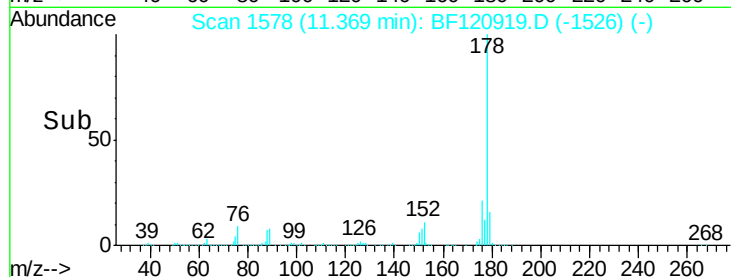
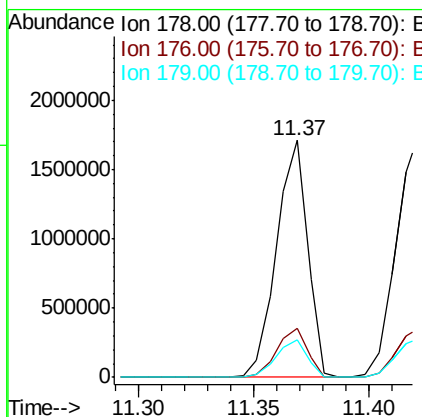
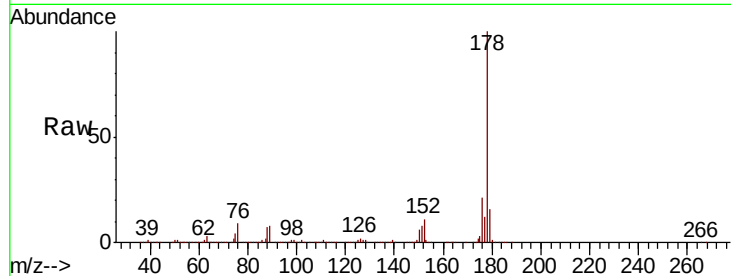
#71
Phenanthrene
Concen: 42.821 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion:178 Resp: 1592043
Ion Ratio Lower Upper
178 100
176 20.7 16.2 24.4
179 16.0 12.8 19.2

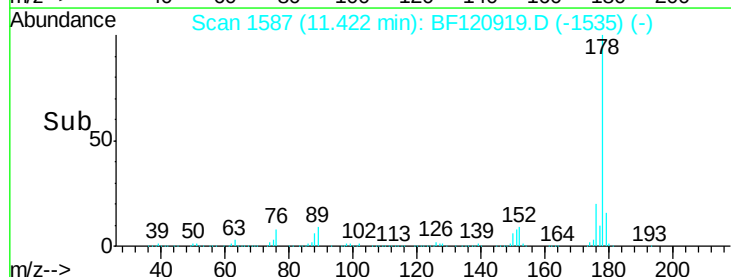
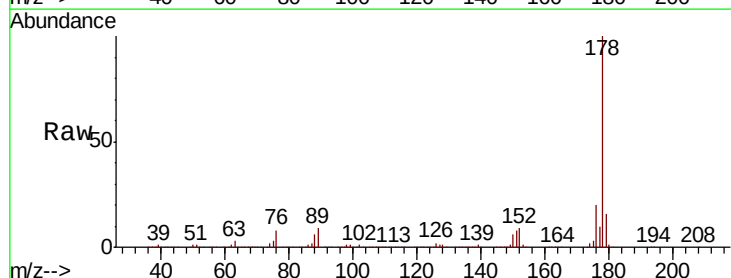
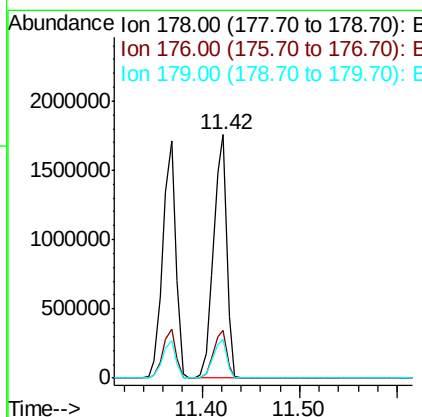
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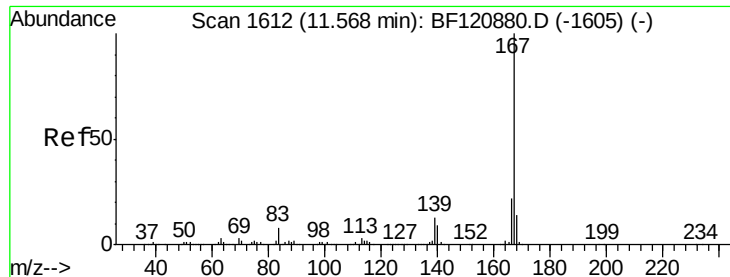
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#72
Anthracene
Concen: 44.159 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion:178 Resp: 1648591
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 15.8 12.8 19.2





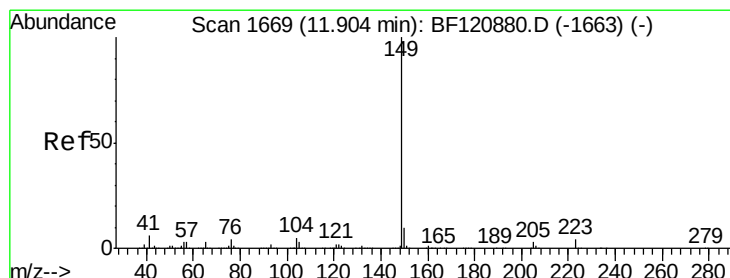
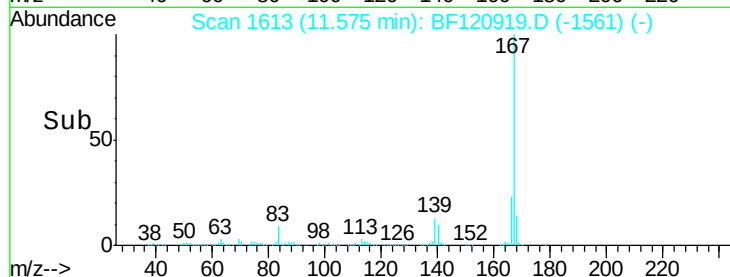
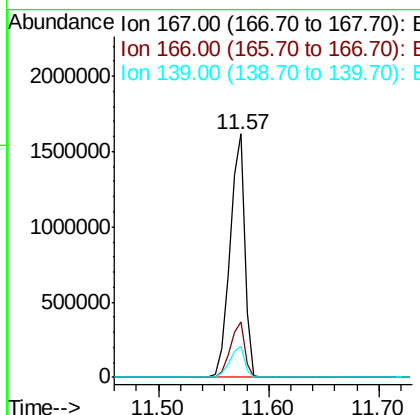
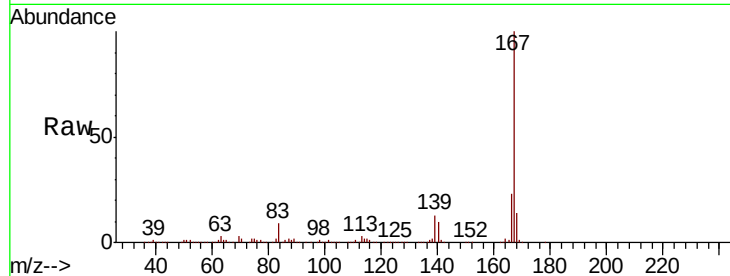
#73
 Carbazole
 Concen: 41.109 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion:167 Resp: 1523041
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.0 10.1 15.1

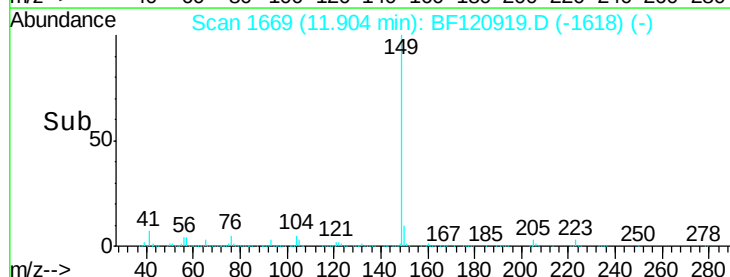
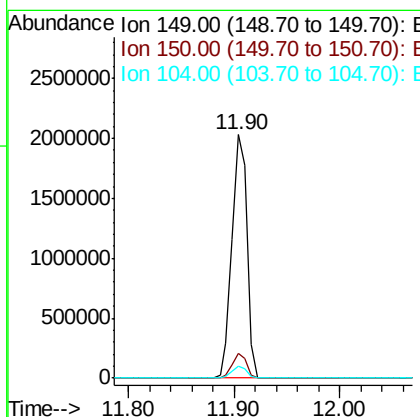
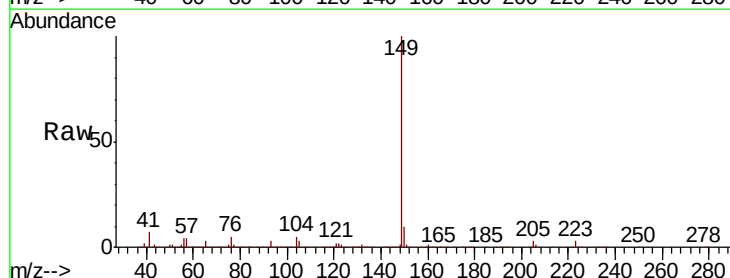
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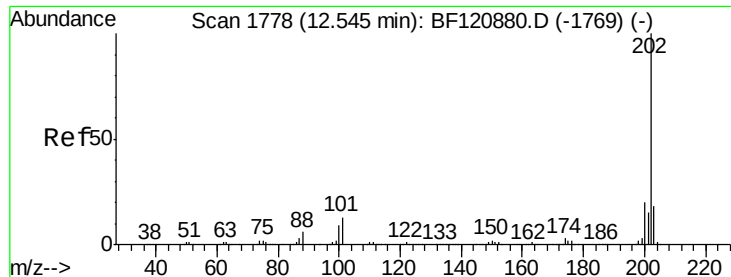
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.106 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion:149 Resp: 1971249
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.6
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 39.622 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

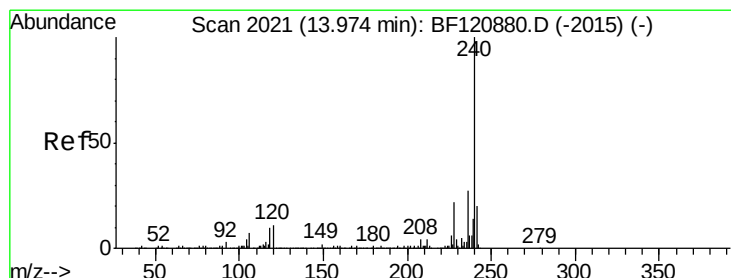
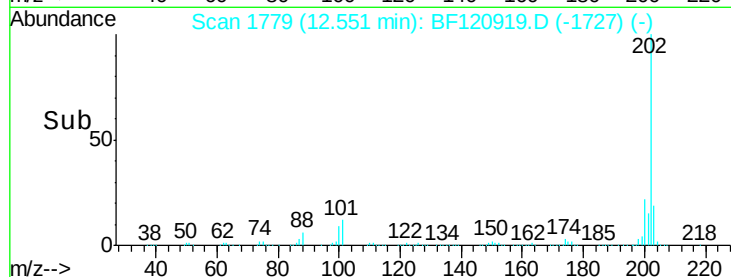
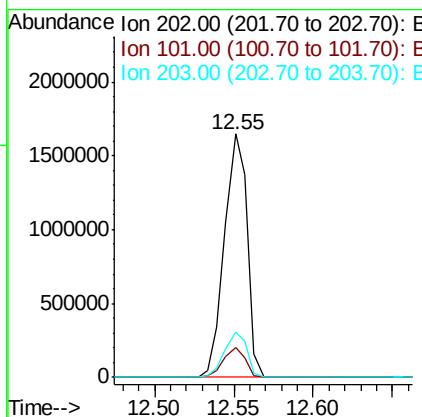
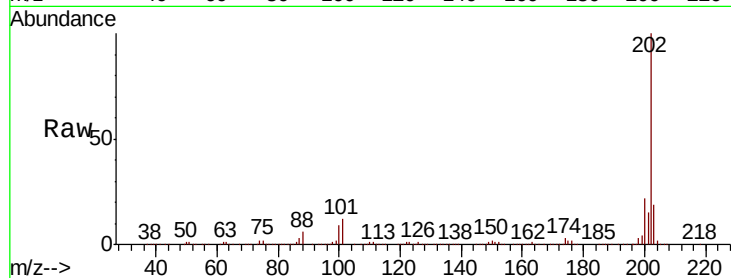
ClientSampleId :

24MSD

Tot Ion:	202	Resp:	1632792
Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.7
203	18.8	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

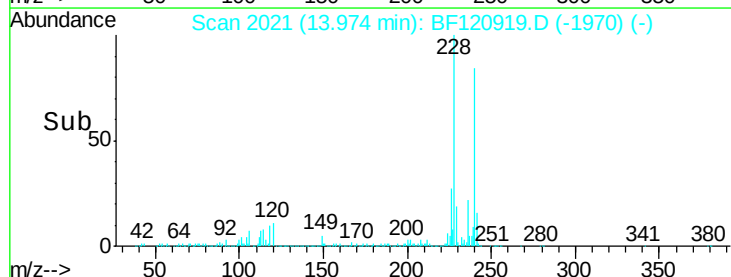
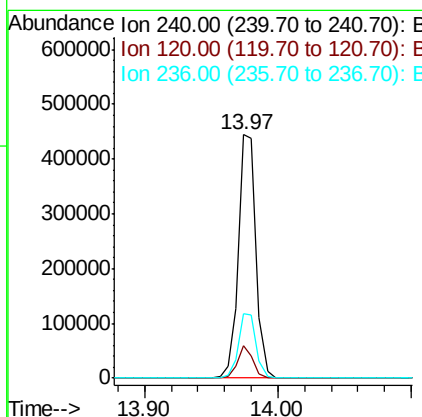
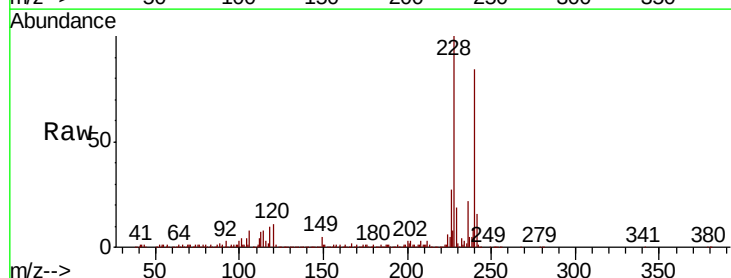
RT: 13.97 min Scan# 2021

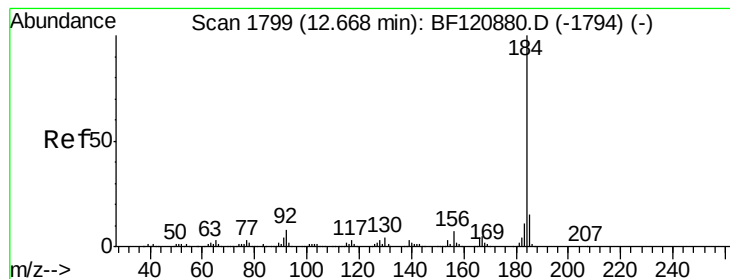
Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Tgt Ion:	240	Resp:	411086
Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.0	13.4
236	26.3	21.7	32.5





#77

Benzidine

Concen: 94.482 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:184 Resp: 1021179

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

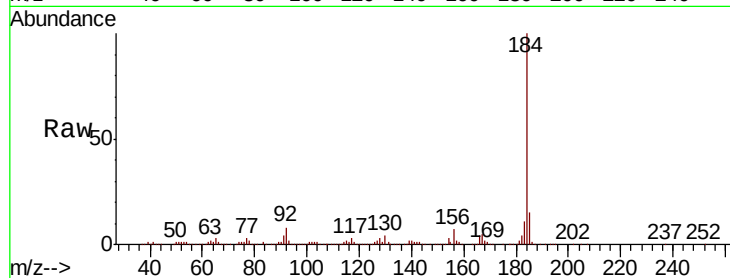
183 10.9 8.5 12.7

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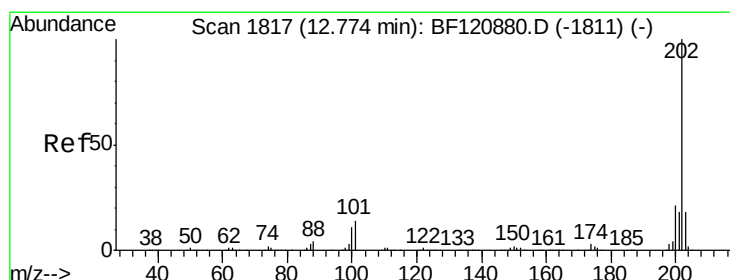
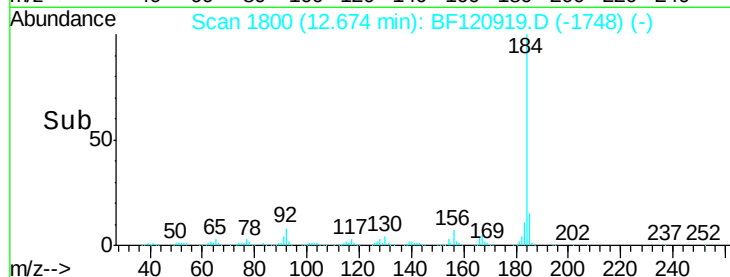
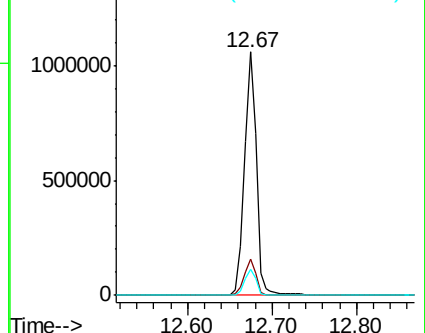
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.852 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

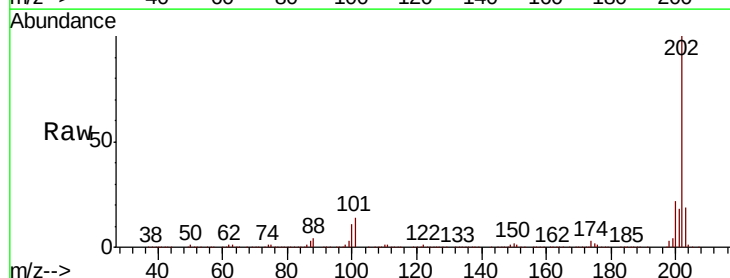
Tgt Ion:202 Resp: 1594206

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

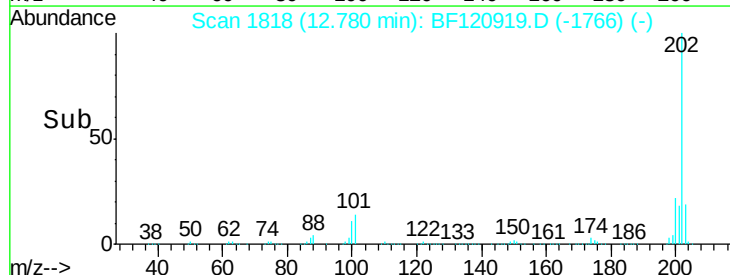
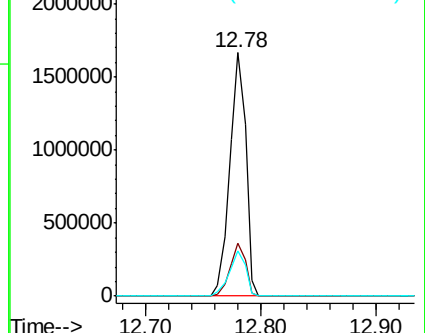
203 18.7 14.4 21.6

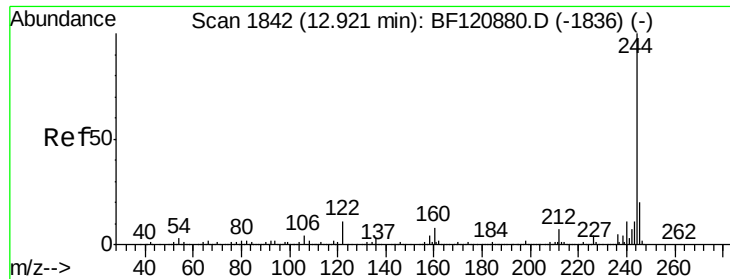


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.113 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

Instrument :

BNA_F

ClientSampleId :

24MSD

Tot Ion:244 Resp: 1420474

Ion Ratio Lower Upper

244 100

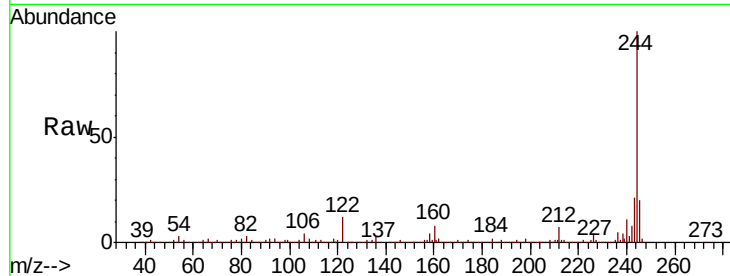
212 7.2 5.6 8.4

122 11.7 8.9 13.3

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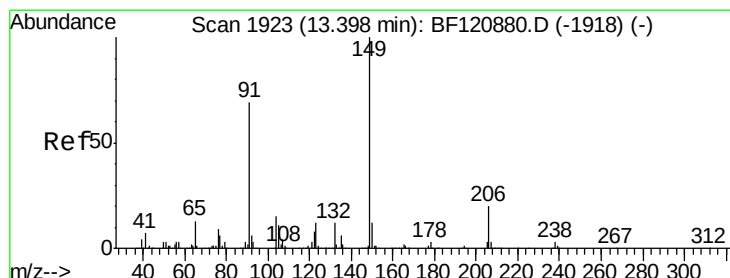
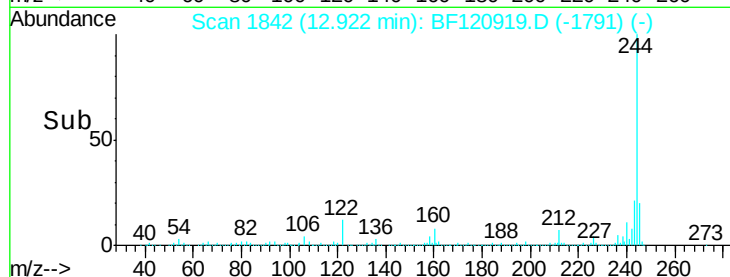
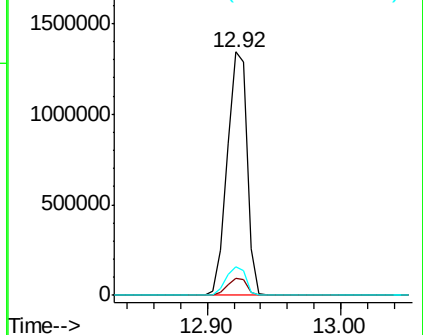
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 57.798 ng

RT: 13.40 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BF120919.D

Acq: 17 Jul 2020 13:30

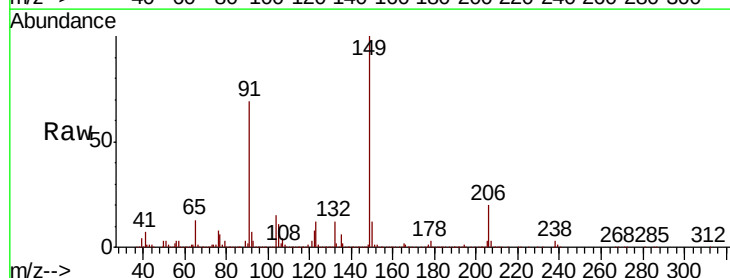
Tgt Ion:149 Resp: 748847

Ion Ratio Lower Upper

149 100

91 69.2 55.1 82.7

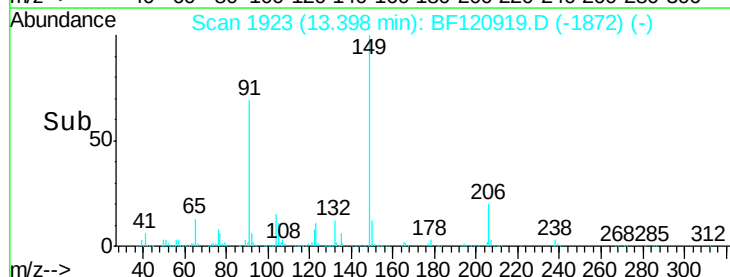
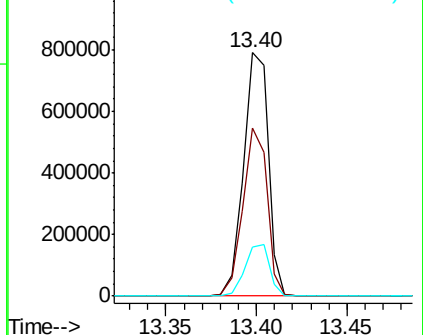
206 20.4 16.1 24.1

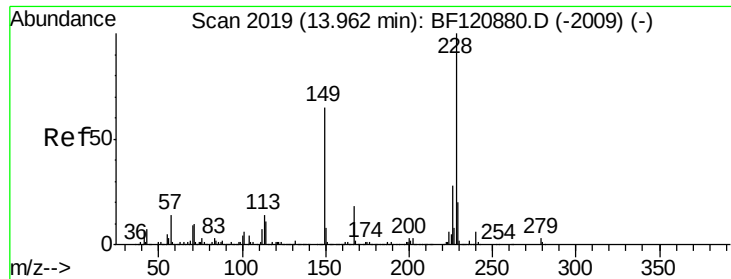


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





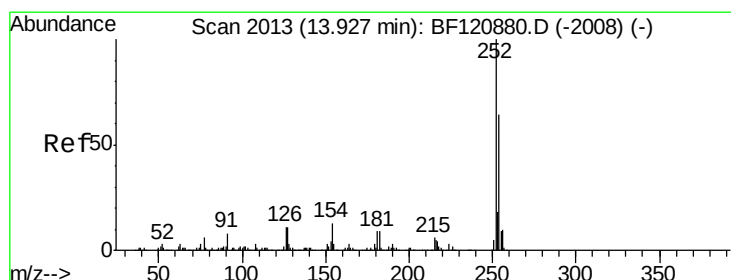
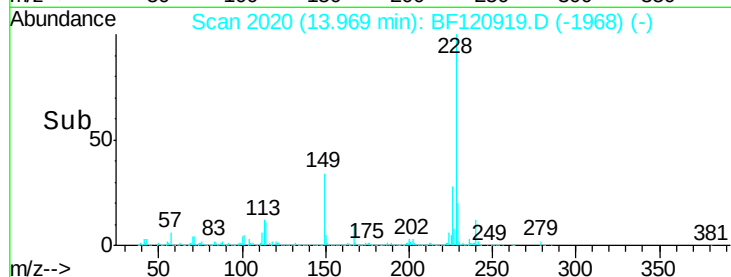
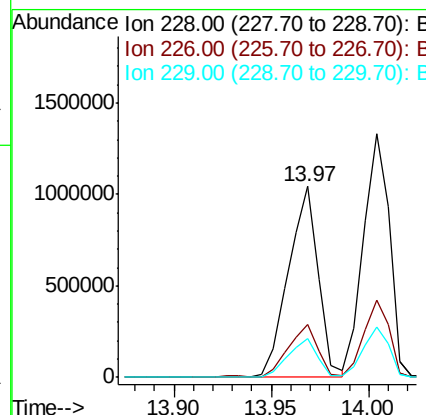
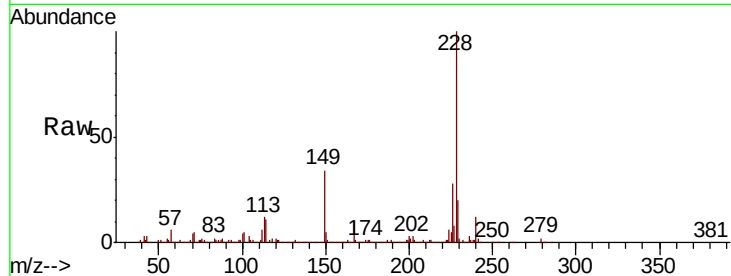
#81
Benzo(a)anthracene
Concen: 44.396 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	16.1	24.1

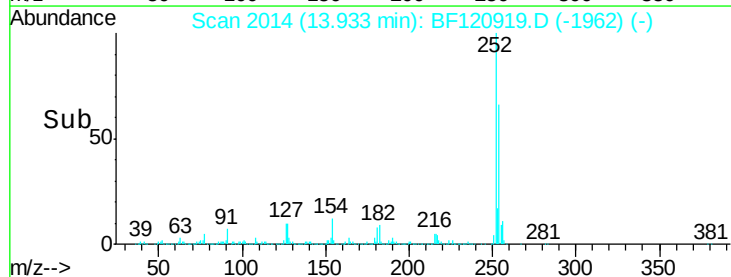
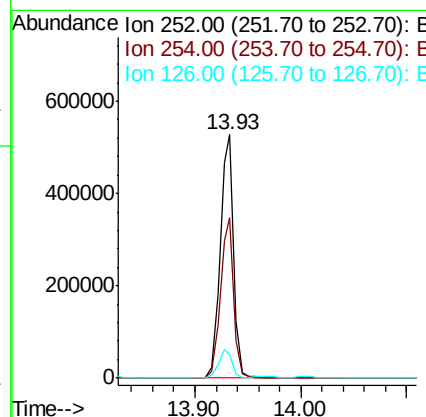
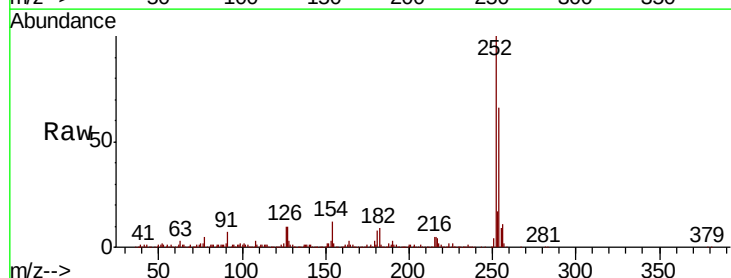
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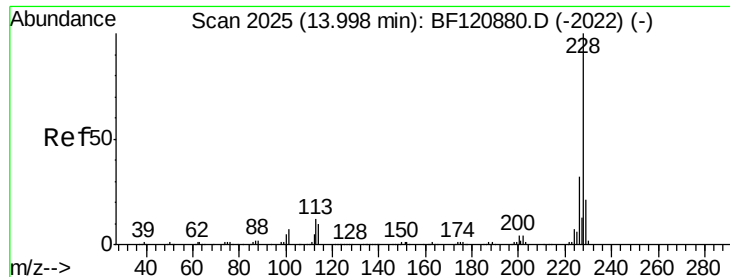
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#82
3,3'-Dichlorobenzidine
Concen: 51.177 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.2	76.8
126	9.7	8.7	13.1





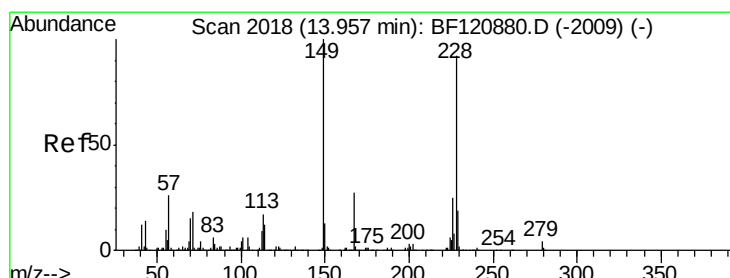
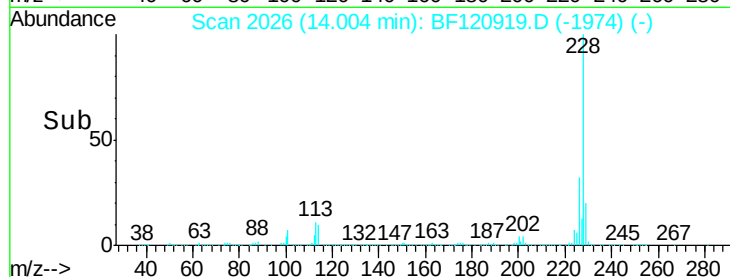
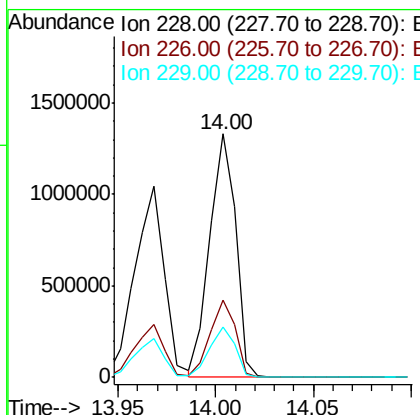
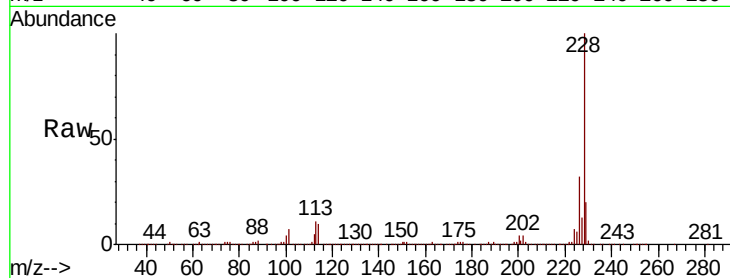
#83
Chrysene
Concen: 46.955 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.6	38.4
229	20.4	16.8	25.2

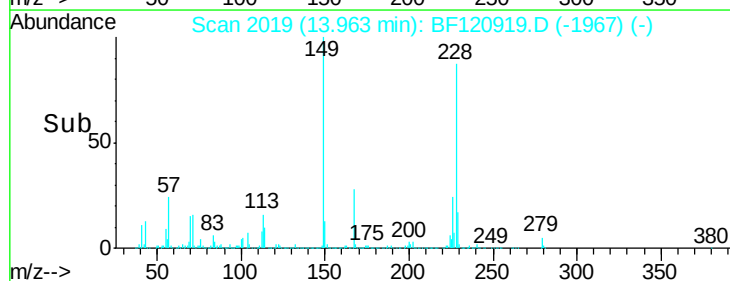
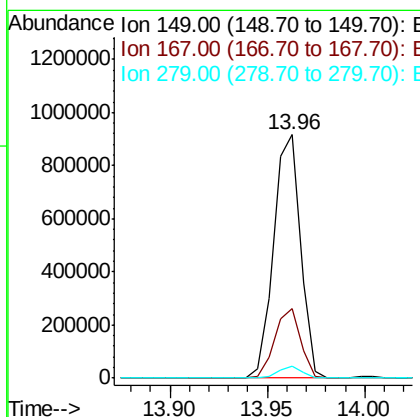
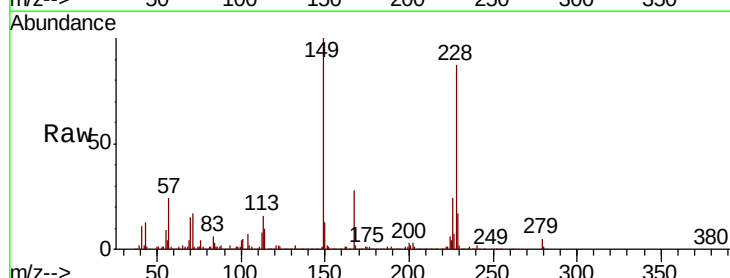
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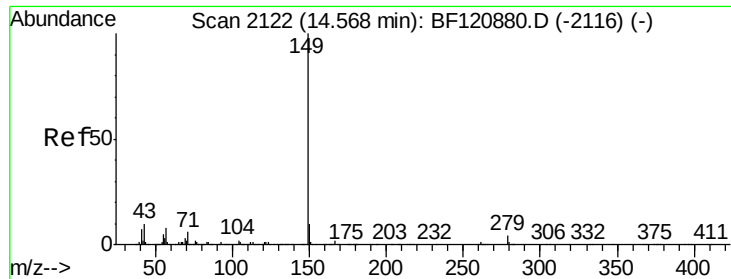
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#84
Bis(2-ethylhexyl)phthalate
Concen: 54.660 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.9	3.0	4.4#





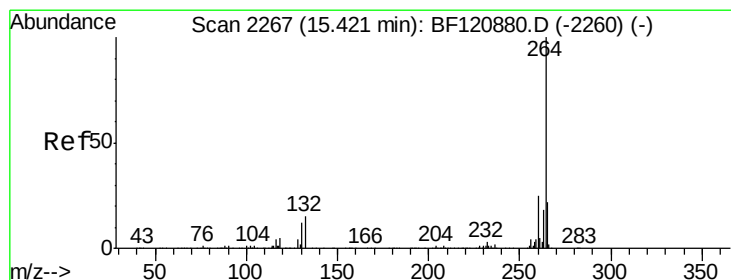
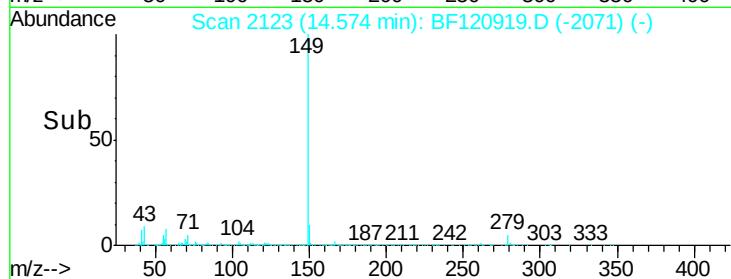
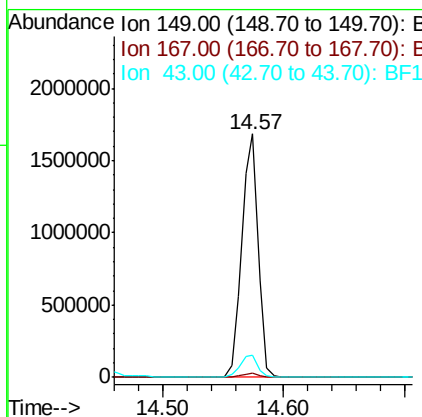
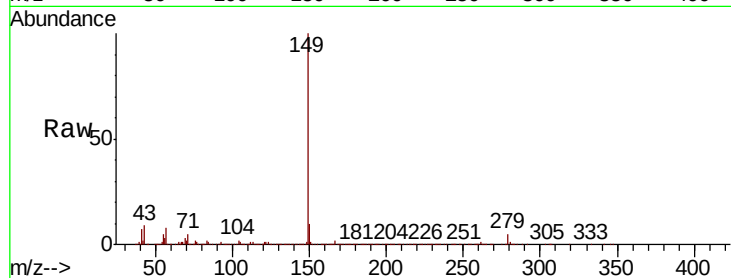
#85
Di-n-octyl phthalate
Concen: 49.810 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.6	11.4

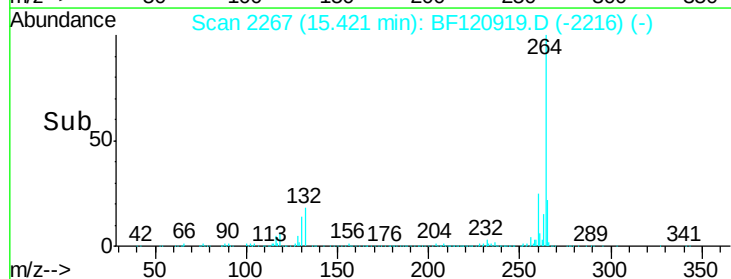
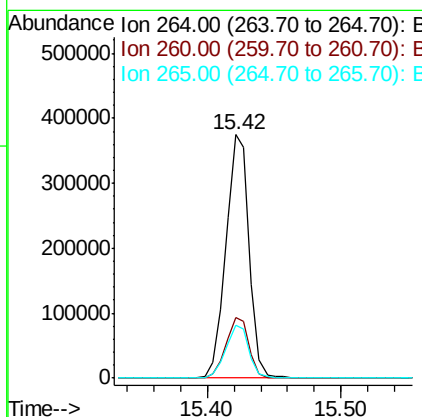
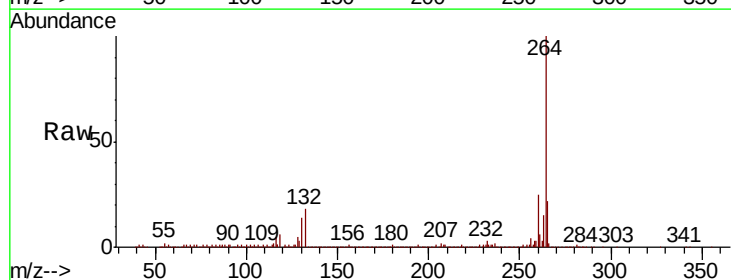
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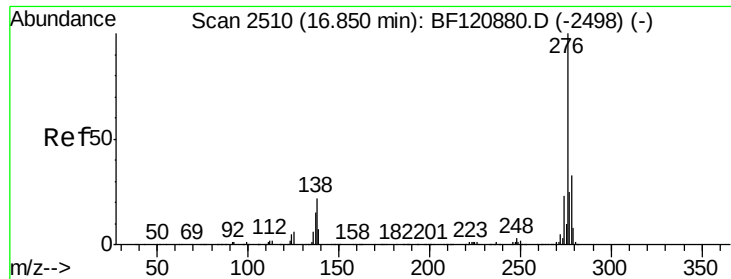
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.8	17.4	26.2





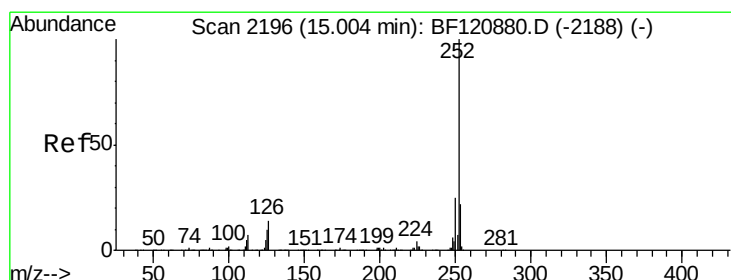
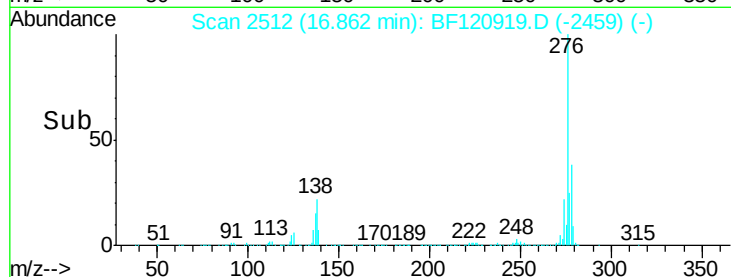
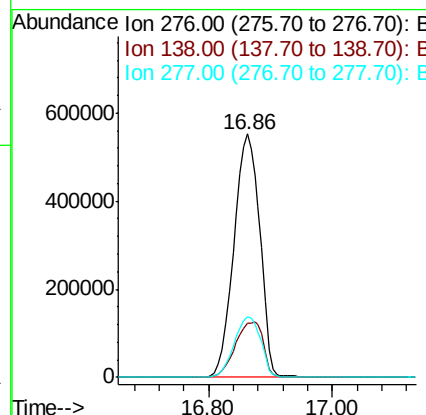
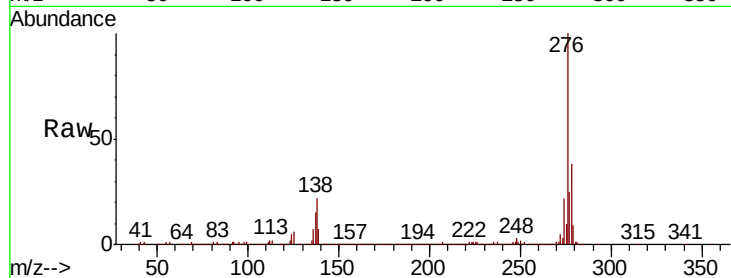
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.565 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Instrument :
 BNA_F
 ClientSampleId :
 24MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.8	29.8
277	25.5	20.2	30.2

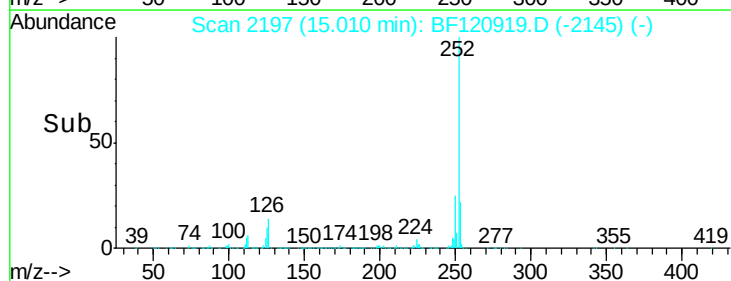
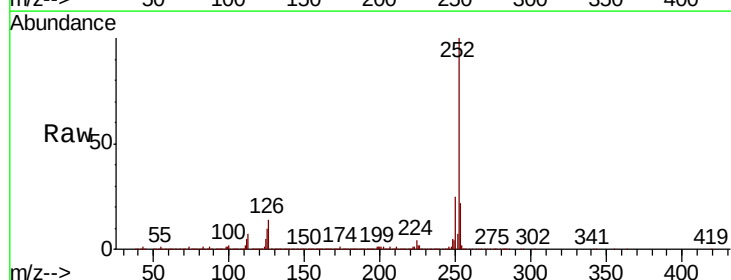
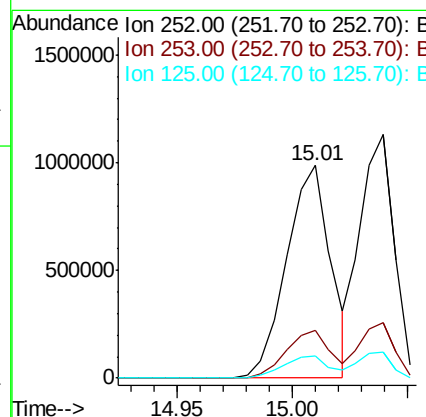
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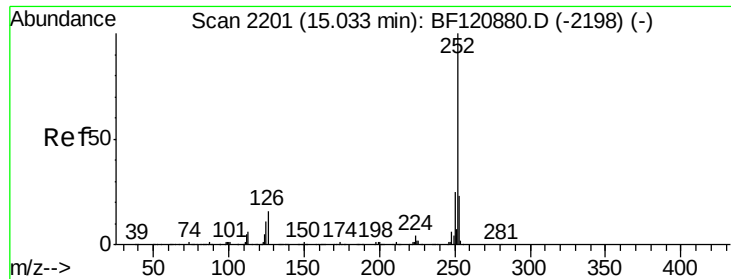
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#88
 Benzo(b)fluoranthene
 Concen: 47.100 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120919.D
 Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.2	8.3	12.5





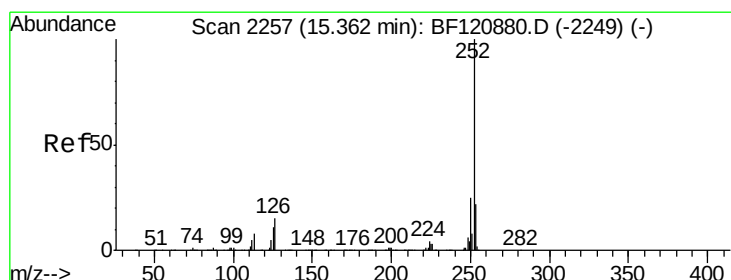
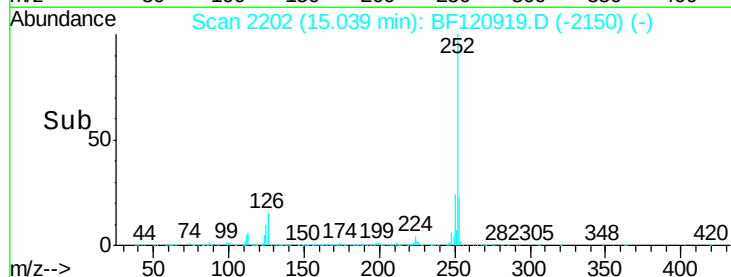
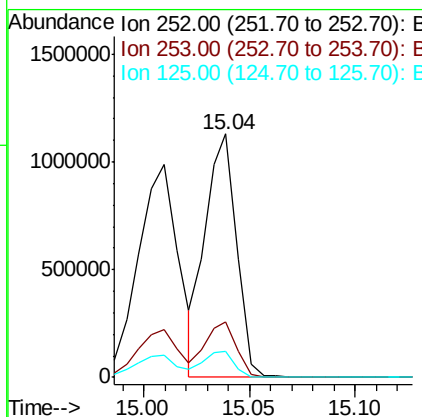
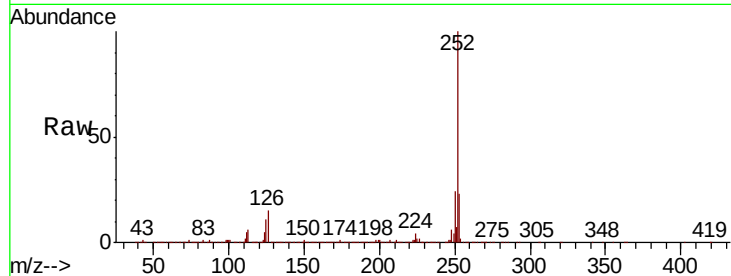
#89
Benzo(k)fluoranthene
Concen: 45.931 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampleId :
24MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.6	8.4	12.6

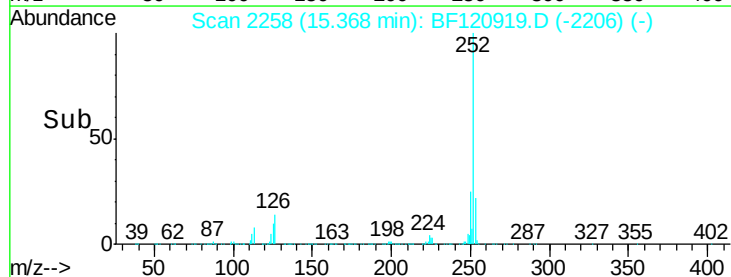
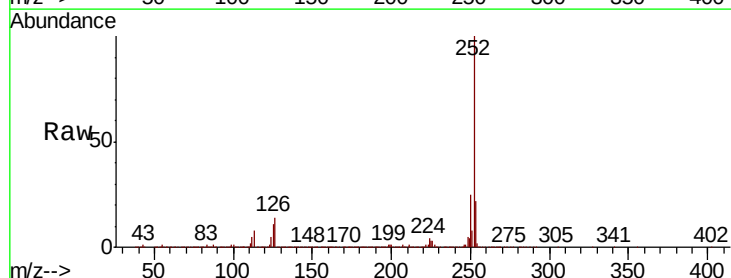
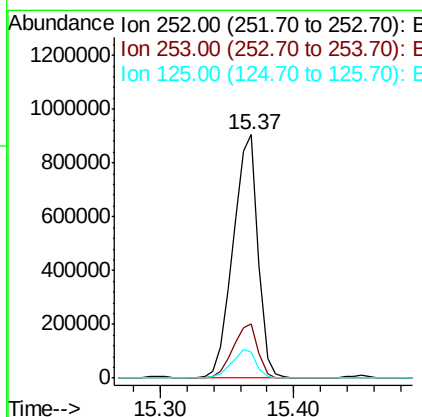
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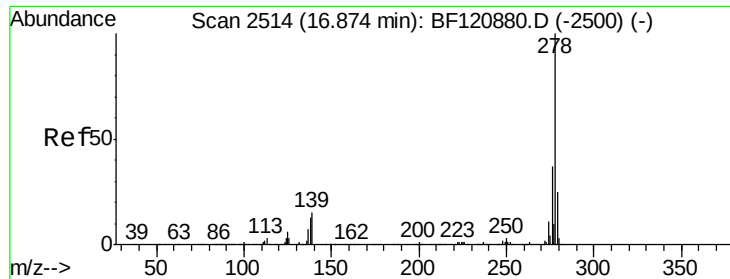
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#90
Benzo(a)pyrene
Concen: 46.828 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.9	13.3





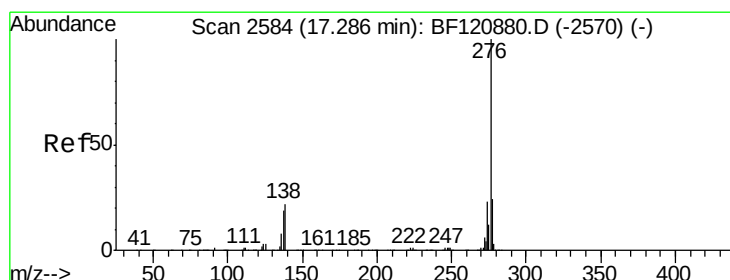
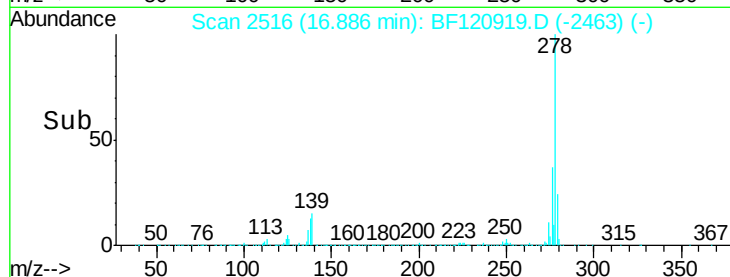
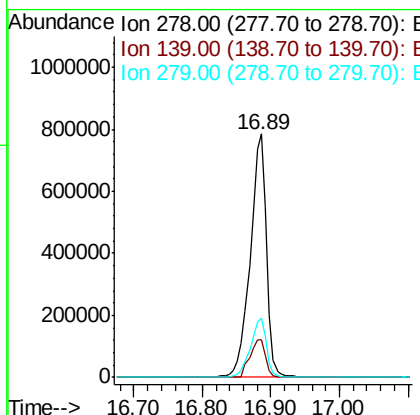
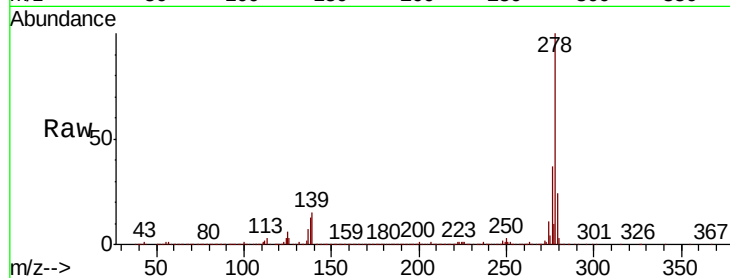
#91
Dibenzo(a,h)anthracene
Concen: 50.494 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Instrument :
BNA_F
ClientSampled :
24MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	24.3	20.1	30.1

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 52.193 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF120919.D
Acq: 17 Jul 2020 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.7	17.5	26.3

