

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121077.D
 Acq On : 28 Jul 2020 19:18
 Operator : JU/CG
 Sample : L3439-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Manual Integrations
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mohammad
 7/29/2020 11:47:27 AM

Quant Time: Jul 29 06:46:56 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	6.81	152	158130	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	611587	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327507	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	647862	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541718	20.00	ng	0.00
86) Perylene-d12	15.42	264	630804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1059554	109.85	ng	0.02
7) Phenol-d6	6.45	99	1189048	95.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	920328	87.07	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	456550	127.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1662692	75.80	ng	0.00
79) Terphenyl-d14	12.92	244	1776153	71.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	166872	37.589	ng	# 85
3) Pyridine	3.40	79	292948	24.806	ng	99
4) n-Nitrosodimethylamine	3.32	42	196297	38.872	ng	95
6) Aniline	6.47	93	411226m	25.284	ng	
8) 2-Chlorophenol	6.60	128	472912	44.504	ng	99
9) Benzaldehyde	6.36	77	218118	34.914	ng	97
10) Phenol	6.46	94	514865	37.564	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	463353m	44.111	ng	
12) 1,3-Dichlorobenzene	6.76	146	485198	42.109	ng	98
13) 1,4-Dichlorobenzene	6.83	146	488851	42.666	ng	98
14) 1,2-Dichlorobenzene	6.98	146	472773	43.617	ng	99
15) Benzyl Alcohol	6.96	79	382262	43.382	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	627457	41.442	ng	98
17) 2-Methylphenol	7.07	107	368351	39.110	ng	99
18) Hexachloroethane	7.33	117	181297	43.718	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	296754	41.884	ng	100
20) 3+4-Methylphenols	7.23	107	402528	33.597	ng	# 84
22) Acetophenone	7.22	105	600534	43.752	ng	# 95
24) Nitrobenzene	7.40	77	483566	42.448	ng	99
25) Isophorone	7.64	82	866007	41.054	ng	100
26) 2-Nitrophenol	7.72	139	256410	47.392	ng	97
27) 2,4-Dimethylphenol	7.75	122	409768	46.648	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	574688	44.631	ng	99
29) 2,4-Dichlorophenol	7.96	162	402594	44.851	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	423213	42.496	ng	98
31) Naphthalene	8.12	128	1323879	42.200	ng	99
32) Benzoic acid	7.89	122	341314	51.760	ng	94
33) 4-Chloroaniline	8.17	127	256824	18.352	ng	98
34) Hexachlorobutadiene	8.23	225	244484	41.644	ng	99
35) Caprolactam	8.56	113	97886m	34.005	ng	
36) 4-Chloro-3-methylphenol	8.66	107	418061	45.412	ng	96
37) 2-Methylnaphthalene	8.81	142	913795	44.861	ng	100
38) 1-Methylnaphthalene	8.91	142	854979	44.318	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	403138	42.248	ng	99

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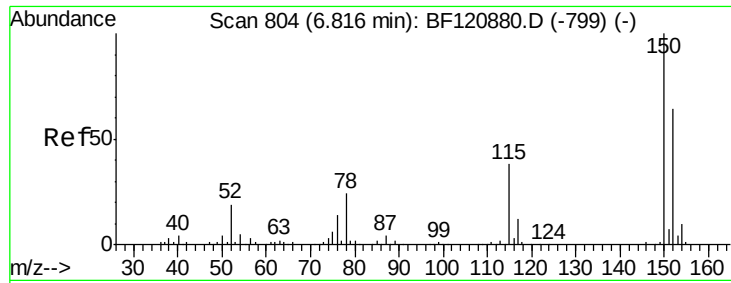
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	434286	82.349	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	296623	44.150	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	328204	43.066	nq	99
46) 1,1'-Biphenyl	9.27	154	1121795	44.904	nq	99
47) 2-Chloronaphthalene	9.30	162	856756	42.064	nq	98
48) 2-Nitroaniline	9.40	65	275591	44.773	nq	94
49) Acenaphthylene	9.72	152	1373518	43.408	nq	100
50) Dimethylphthalate	9.58	163	1277651	54.075	nq	99
51) 2,6-Dinitrotoluene	9.64	165	235295	46.353	nq	90
52) Acenaphthene	9.89	154	948513m	47.149	nq	
53) 3-Nitroaniline	9.80	138	187223	29.408	nq	95
54) 2,4-Dinitrophenol	9.92	184	265944	90.078	nq	# 88
55) Dibenzofuran	10.06	168	1214406	41.744	nq	100
56) 4-Nitrophenol	9.97	139	370597	76.631	nq	99
57) 2,4-Dinitrotoluene	10.04	165	321992	48.303	nq	# 91
58) Fluorene	10.40	166	907455	41.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	285782	49.251	nq	96
60) Diethylphthalate	10.27	149	1058559	44.293	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	434023	37.504	nq	99
62) 4-Nitroaniline	10.43	138	268858	43.353	nq	95
63) Azobenzene	10.55	77	985547	43.317	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	174054	46.546	nq	98
66) n-Nitrosodiphenylamine	10.51	169	882793	43.316	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	302034	41.815	nq	96
68) Hexachlorobenzene	10.95	284	340233	43.544	nq	96
69) Atrazine	11.05	200	230155	45.599	nq	99
70) Pentachlorophenol	11.15	266	430017	96.066	nq	100
71) Phenanthrene	11.36	178	1388430	41.670	nq	100
72) Anthracene	11.42	178	1441488	43.084	nq	99
73) Carbazole	11.57	167	1398184	42.109	nq	99
74) Di-n-butylphthalate	11.90	149	1686067	44.003	nq	100
75) Fluoranthene	12.55	202	1604022	43.431	nq	98
77) Benzidine	12.67	184	502320	35.269	nq	99
78) Pyrene	12.78	202	1640041	42.821	nq	100
80) Butylbenzylphthalate	13.40	149	770670	45.138	nq	95
81) Benzo(a)anthracene	13.97	228	1356403	41.349	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	473901	38.292	nq	99
83) Chrysene	14.00	228	1476291	42.824	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	915098	43.465	nq	99
85) Di-n-octyl phthalate	14.57	149	1859219	44.387	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1906493	43.458	nq	99
88) Benzo(b)fluoranthene	15.00	252	1751407	45.933	nq	99
89) Benzo(k)fluoranthene	15.04	252	1419040	40.807	nq	99
90) Benzo(a)pyrene	15.36	252	1482814	42.624	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1567989	43.755	nq	98
92) Benzo(g,h,i)perylene	17.30	276	1591680	45.047	nq	98

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



#1

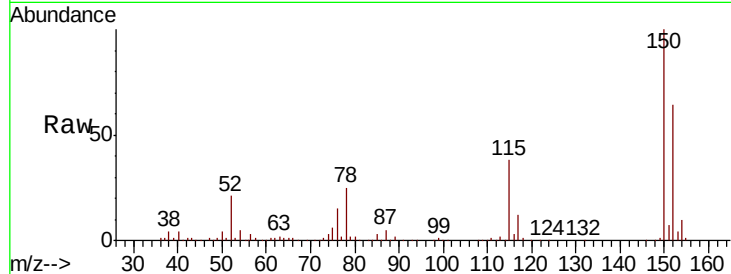
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.0	187.6
115	59.1	47.0	70.4

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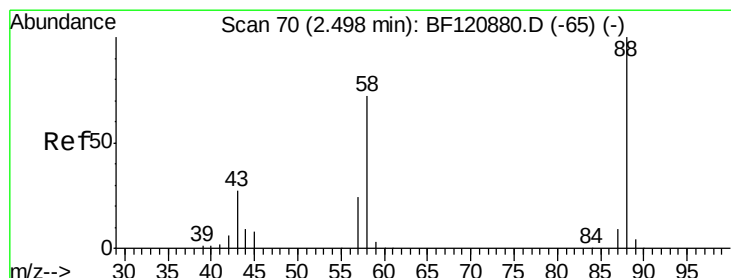
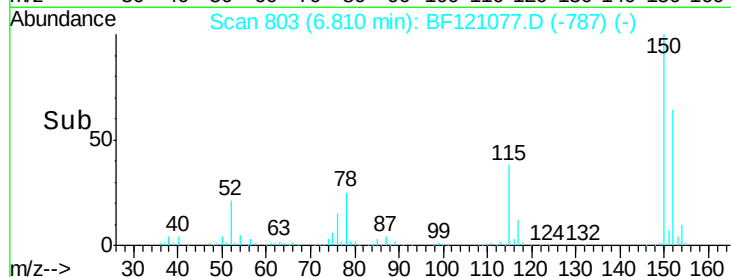
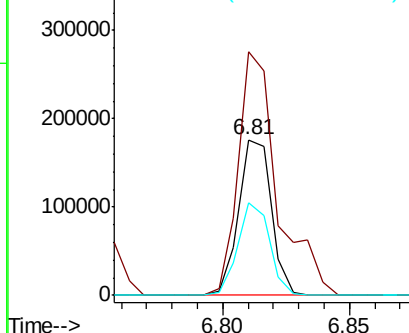


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

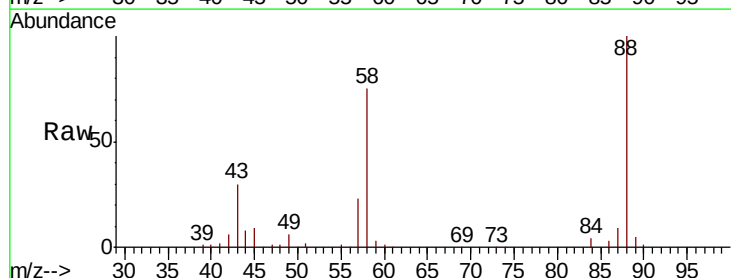
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.589 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	0.0	22.1	33.1#

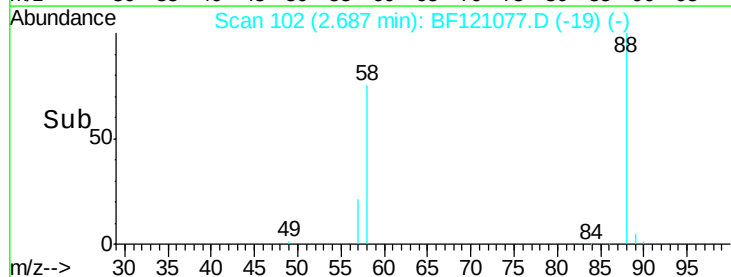
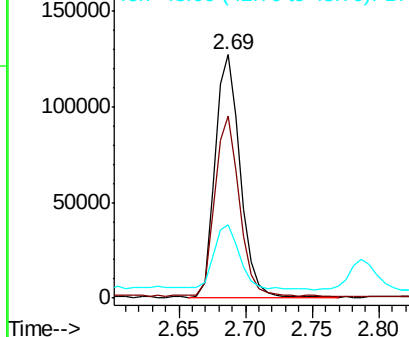


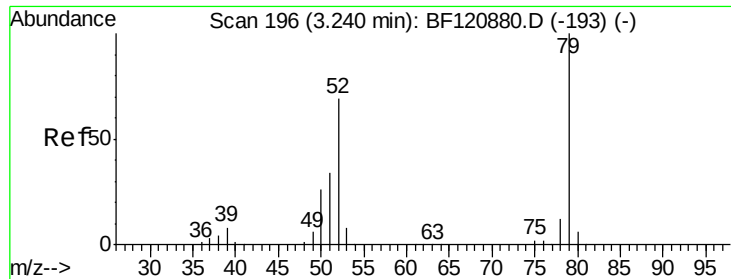
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





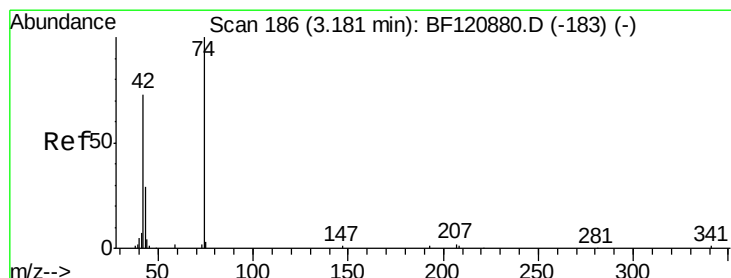
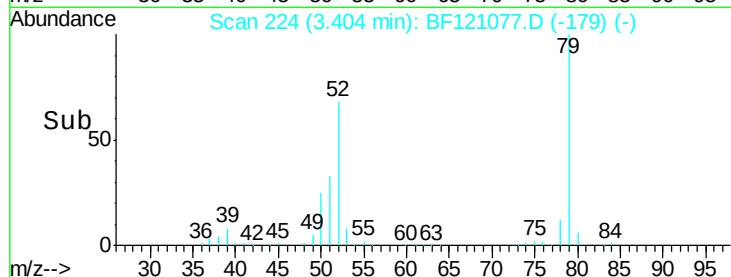
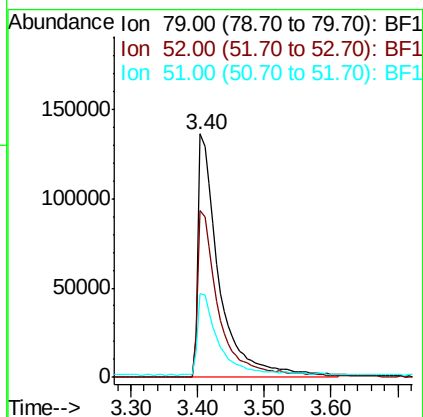
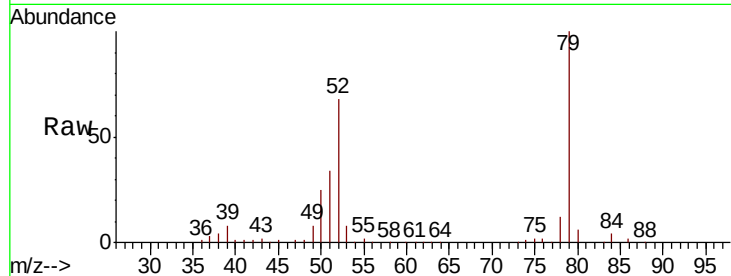
#3
 Pvridine
 Concen: 24.806 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.16 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	55.0	82.6
51	34.2	26.9	40.3

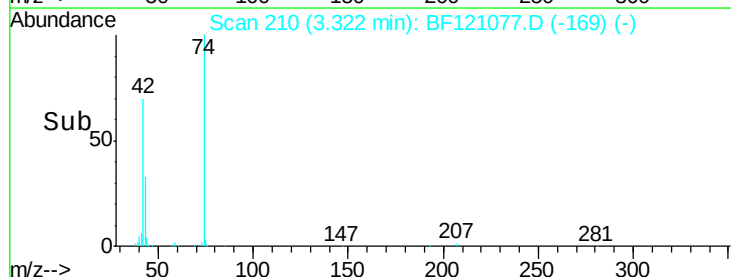
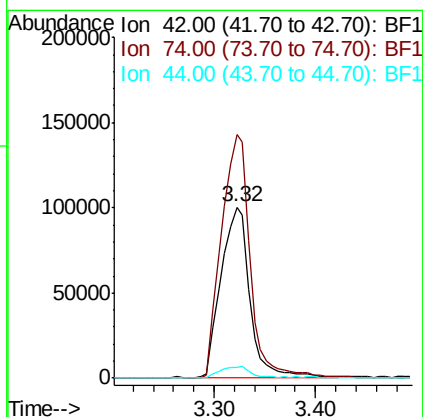
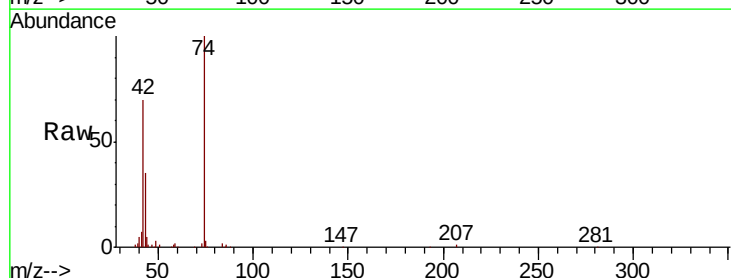
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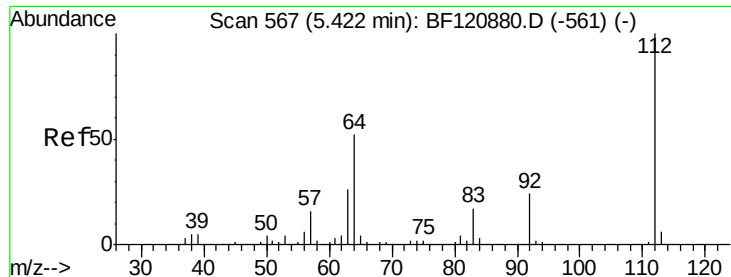
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#4
 n-Nitrosodimethylamine
 Concen: 38.872 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.14 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.6	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 109.845 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

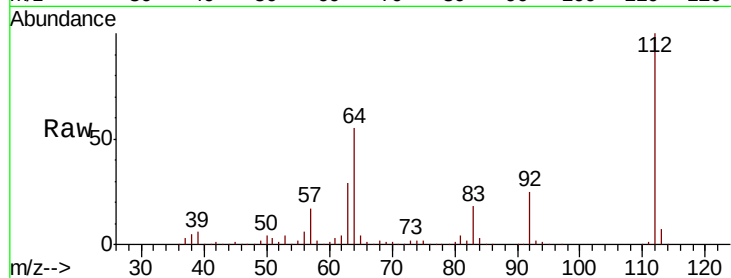
ClientSampleId :

20200438-3001AMS

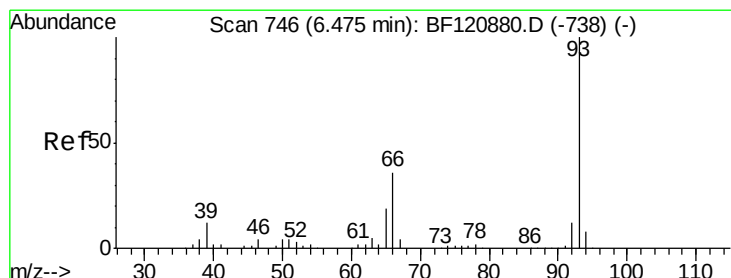
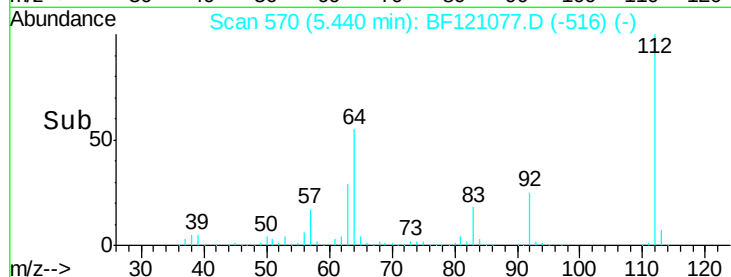
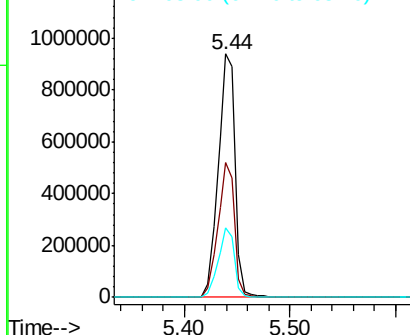
Tot Ion:	112	Resp:	1059554
Ion	Ratio	Lower	Upper
112	100		
64	55.4	41.3	61.9
63	28.6	21.1	31.7

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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: 25.284 ng m

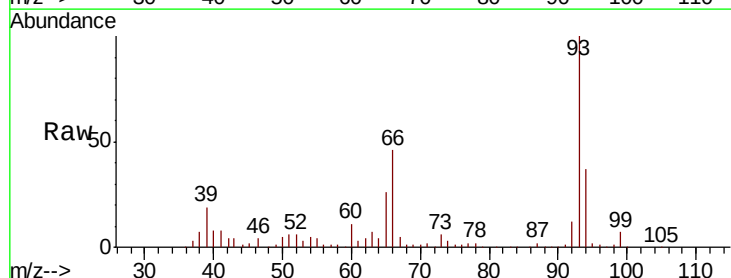
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

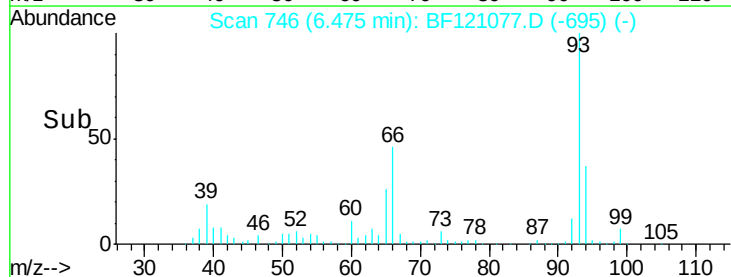
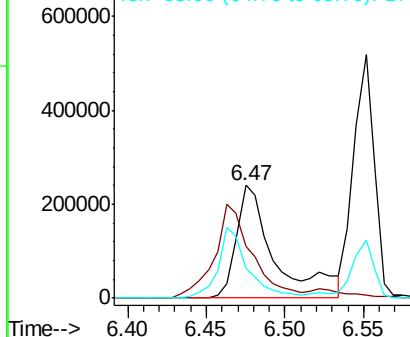
Lab File: BF121077.D

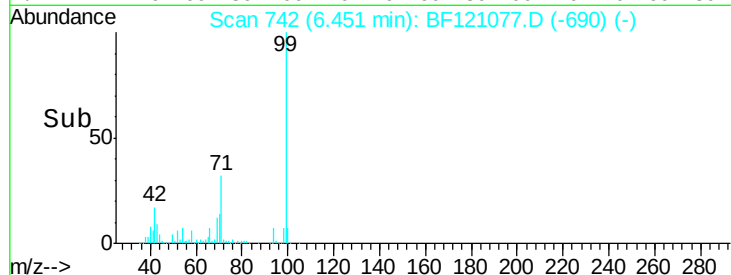
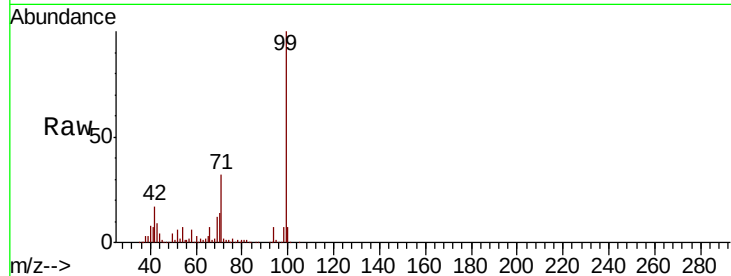
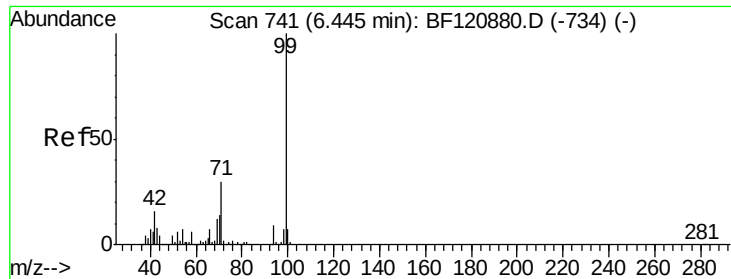
Acq: 28 Jul 2020 19:18

Tgt Ion:	93	Resp:	411226
Ion	Ratio	Lower	Upper
93	100		
66	46.1	30.2	45.4#
65	26.2	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: 95.429 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tot Ion: 99 Resp: 1189048

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 31.5 24.2 36.4

Instrument :

BNA_F

ClientSampleId :

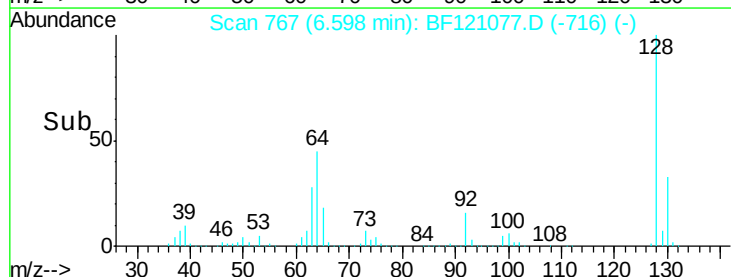
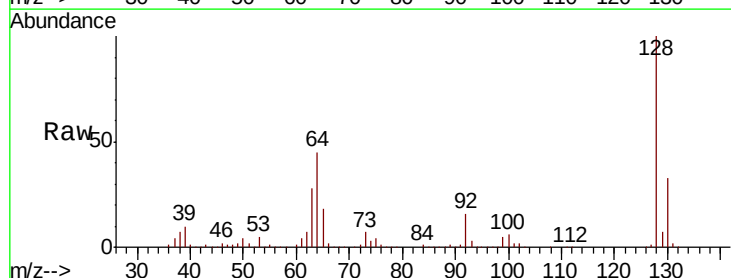
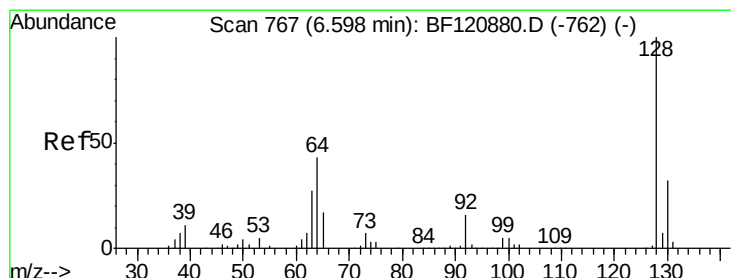
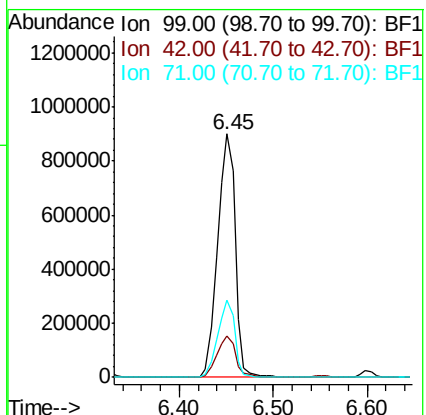
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#8

2-Chlorophenol

Concen: 44.504 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

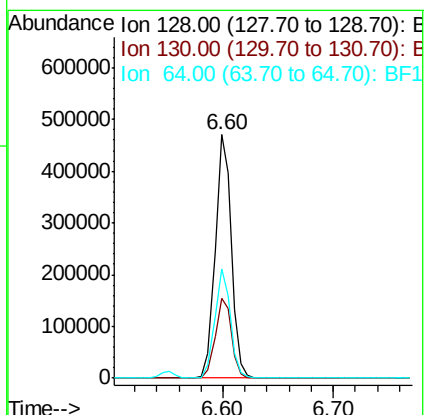
Tgt Ion: 128 Resp: 472912

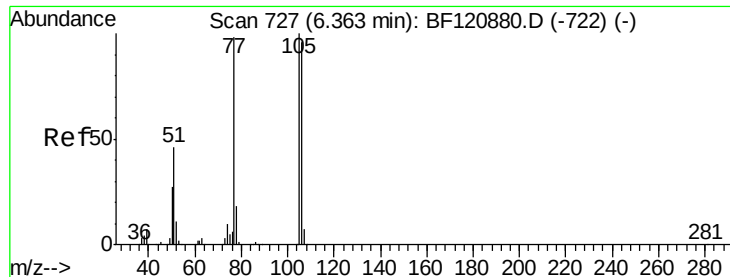
Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

64 44.8 24.0 64.0





#9

Benzaldehyde

Concen: 34.914 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

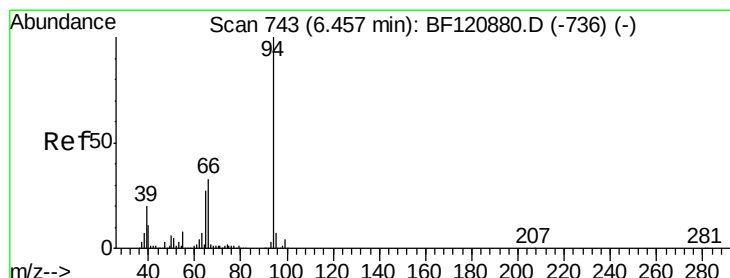
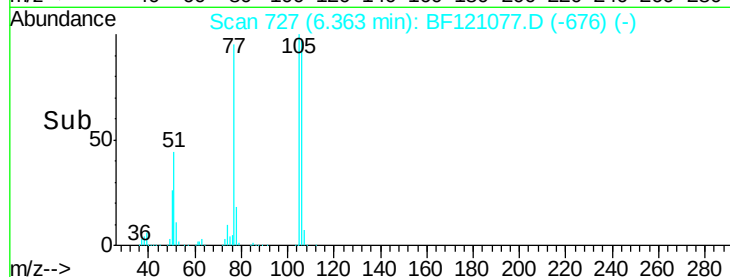
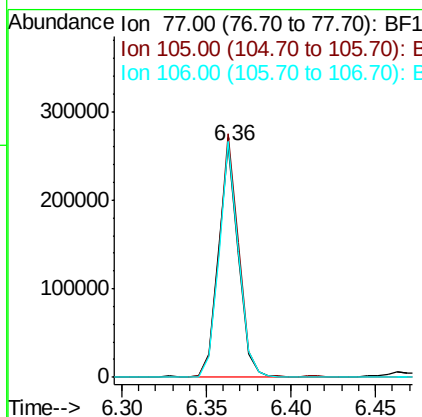
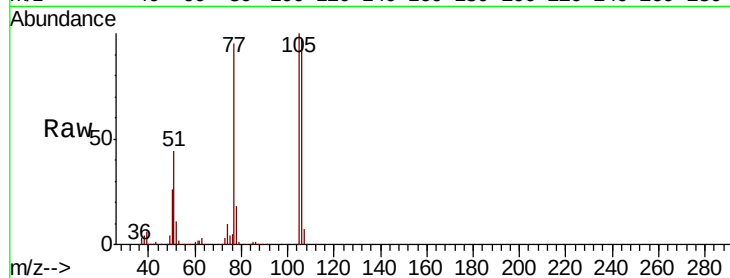
ClientSampleId :

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Tot Ion:	77	Resp:	218118
Ion	Ratio	Lower	Upper
77	100		
105	105.1	82.5	122.5
106	101.6	78.7	118.7

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#10

Phenol

Concen: 37.564 ng

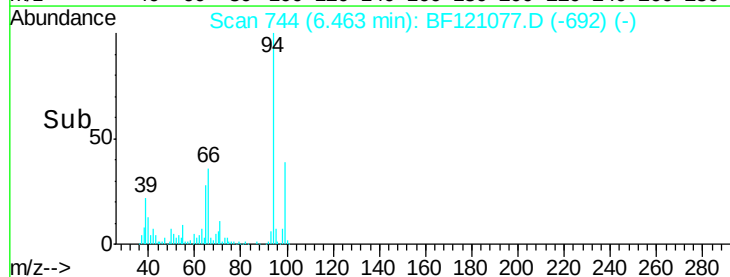
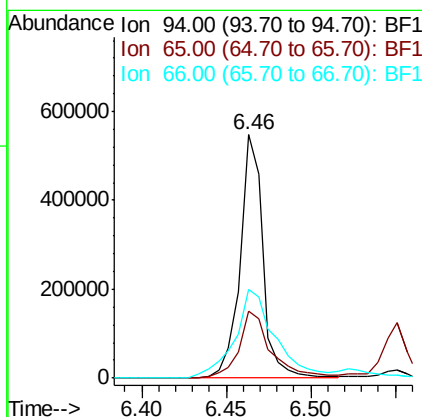
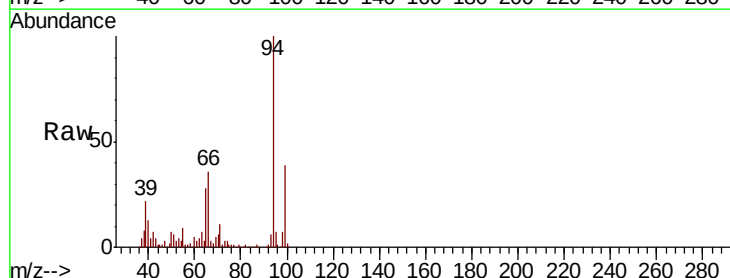
RT: 6.46 min Scan# 744

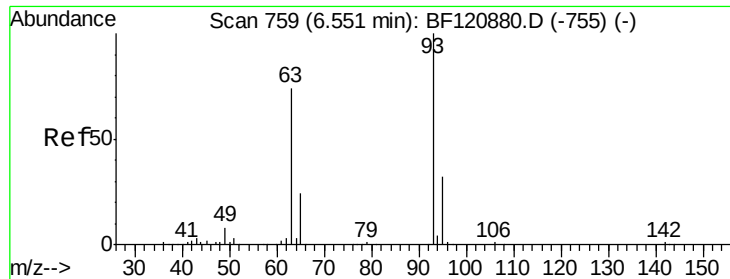
Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:	94	Resp:	514865
Ion	Ratio	Lower	Upper
94	100		
65	27.6	6.6	46.6
66	36.4	13.2	53.2





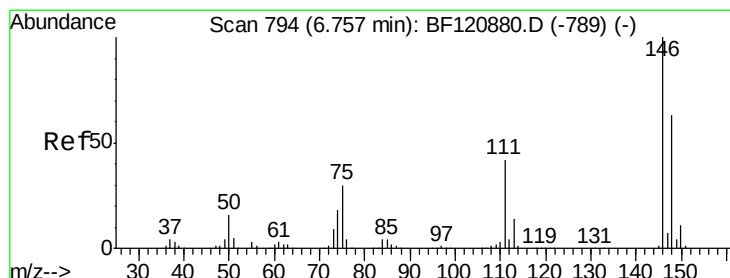
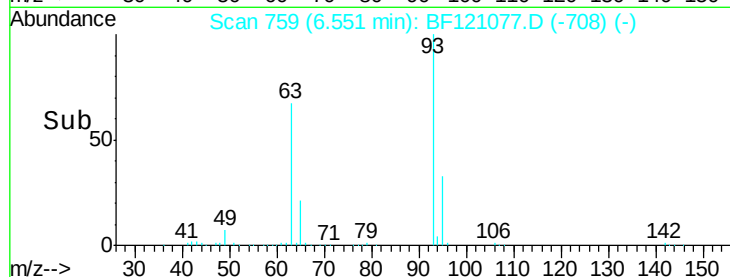
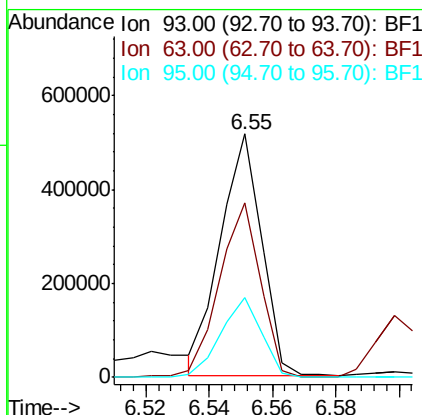
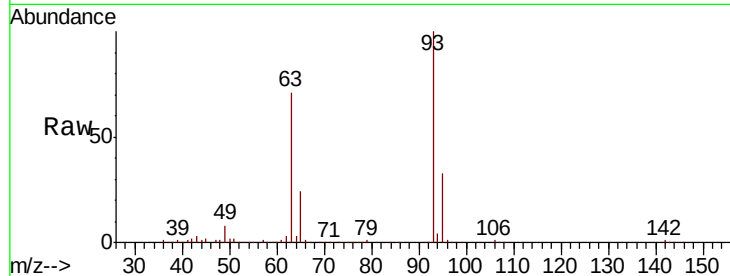
#11
bis(2-Chloroethyl)ether
Concen: 44.111 ng/mL
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	54.2	94.2
95	32.7	12.2	52.2

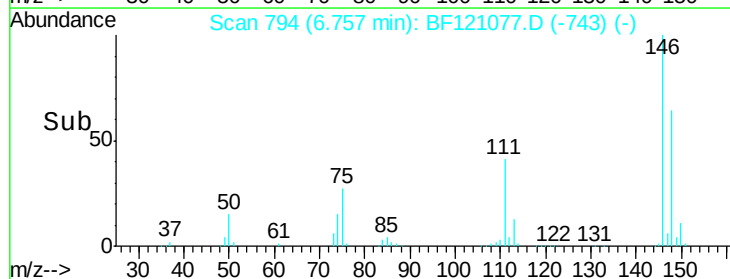
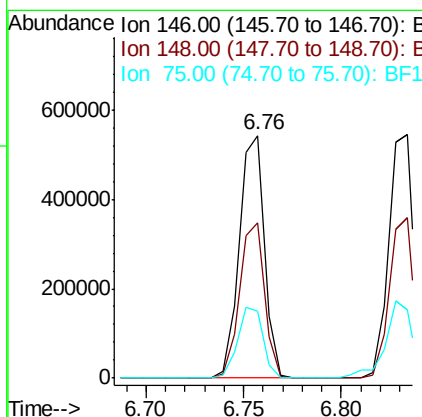
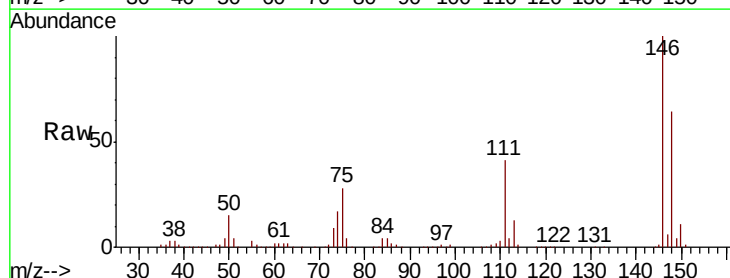
Manual Integrations
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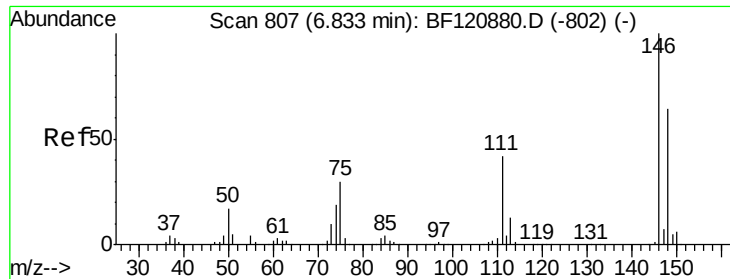
mohammad
7/29/2020 11:47:27 AM



#12
1,3-Dichlorobenzene
Concen: 42.109 ng/mL
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
75	27.8	24.1	36.1





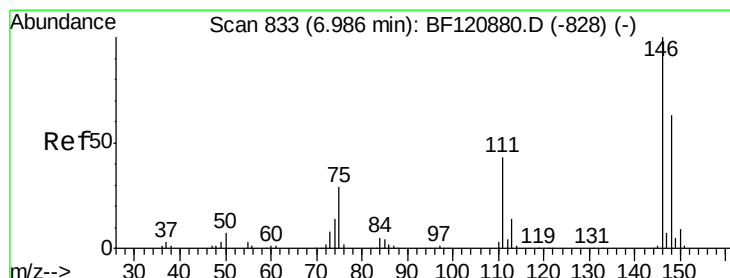
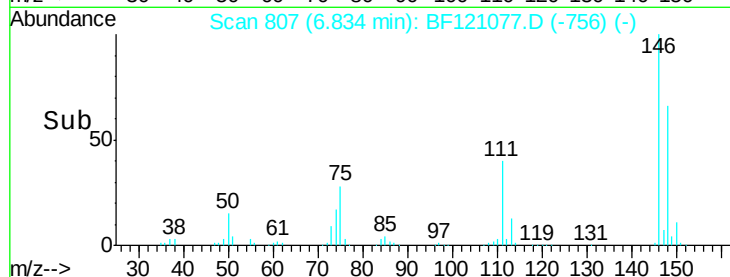
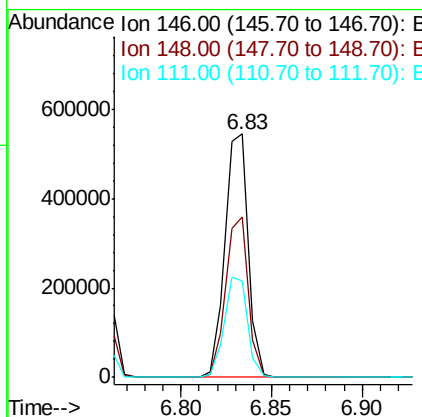
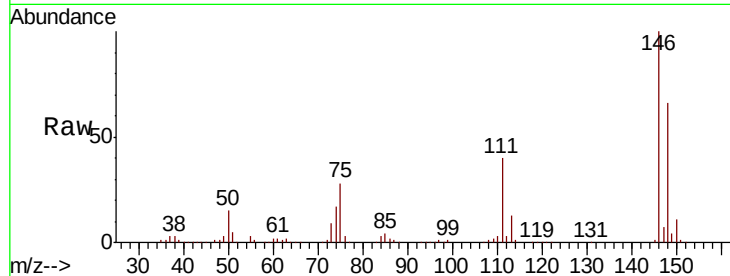
#13
 1,4-Dichlorobenzene
 Concen: 42.666 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	39.8	33.5	50.3

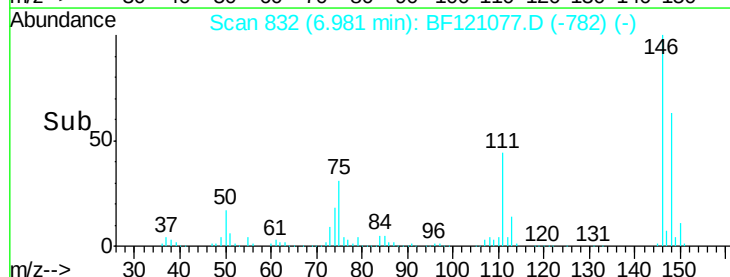
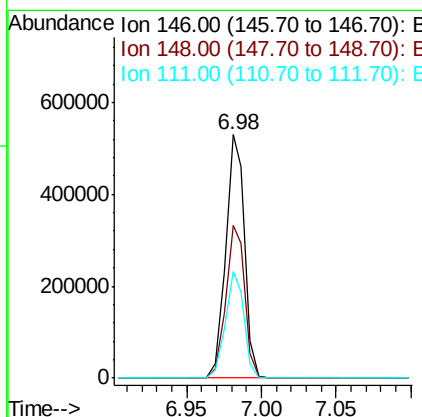
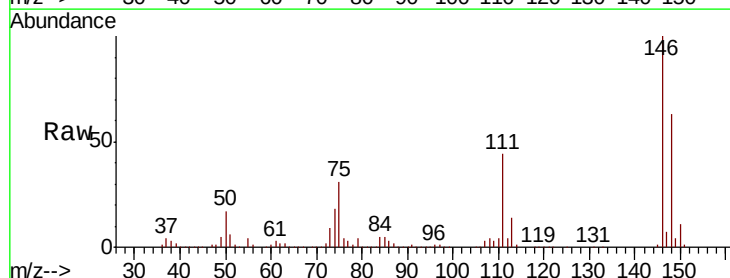
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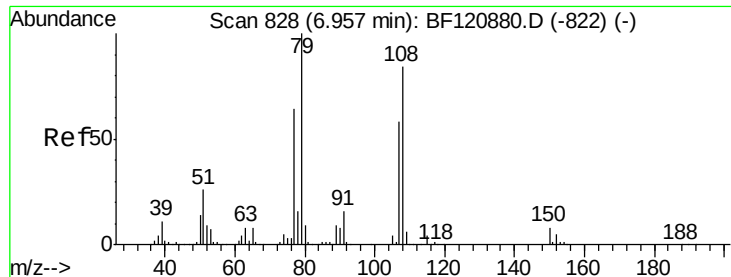
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.617 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	76.0
111	43.7	34.2	51.2





#15

Benzyl Alcohol

Concen: 43.382 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

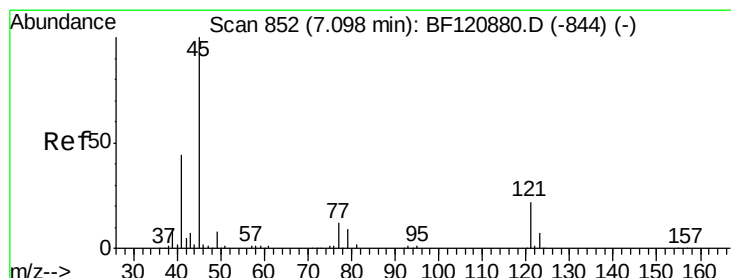
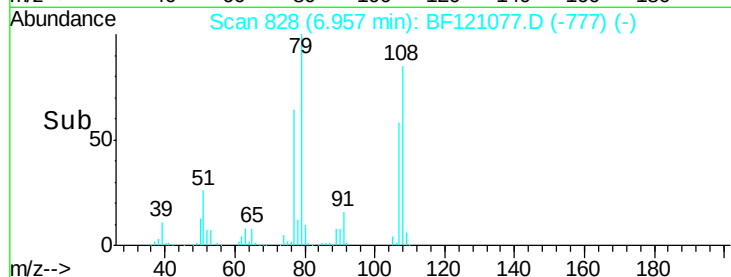
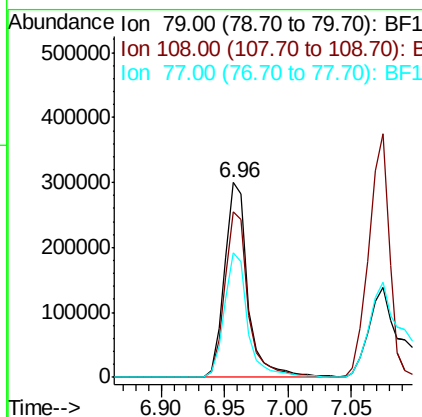
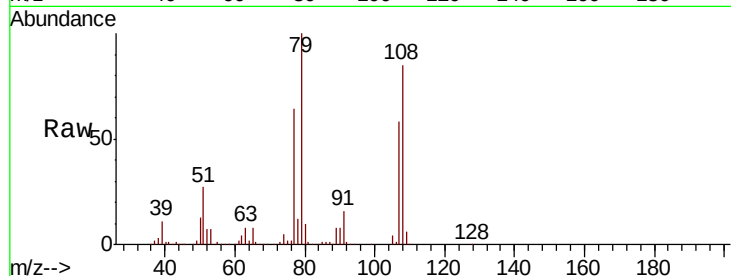
ClientSampleId :

20200438-3001AMS

Tot Ion:	79	Resp:	382262
Ion Ratio	Lower	Upper	
79	100		
108	85.4	67.0	100.6
77	64.3	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.442 ng

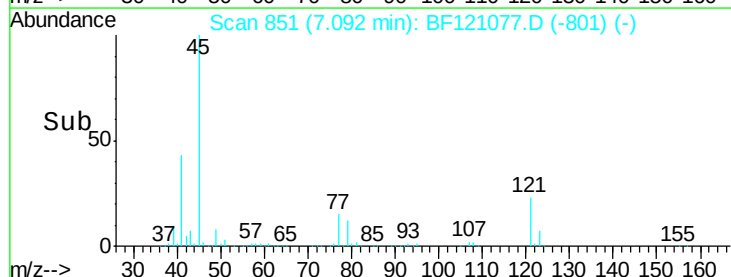
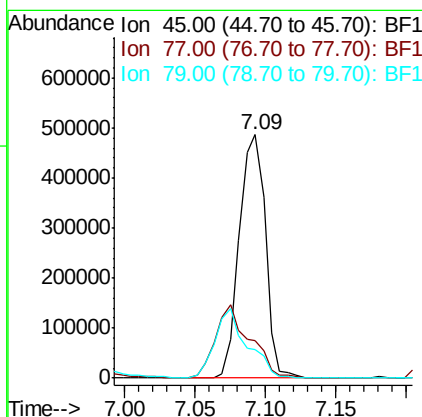
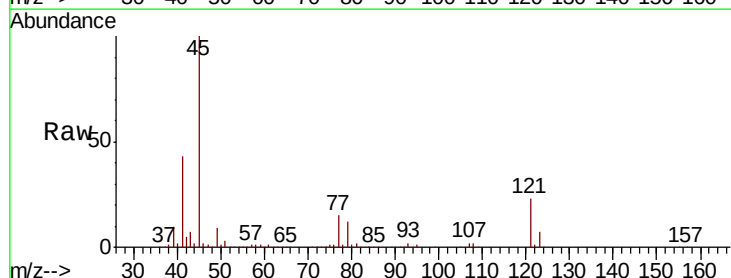
RT: 7.09 min Scan# 851

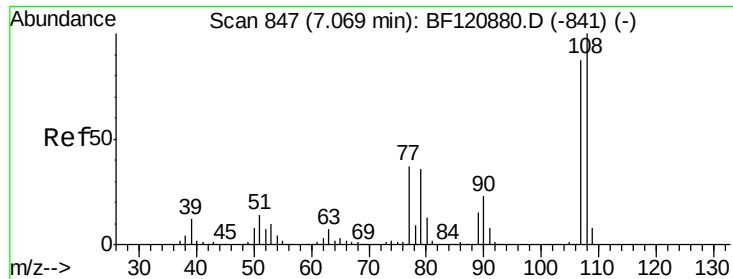
Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:	45	Resp:	627457
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	34.3
79	12.0	0.0	31.0





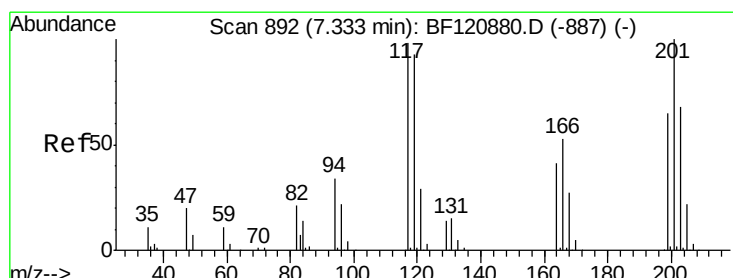
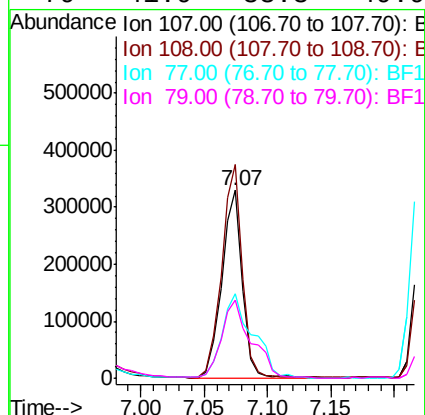
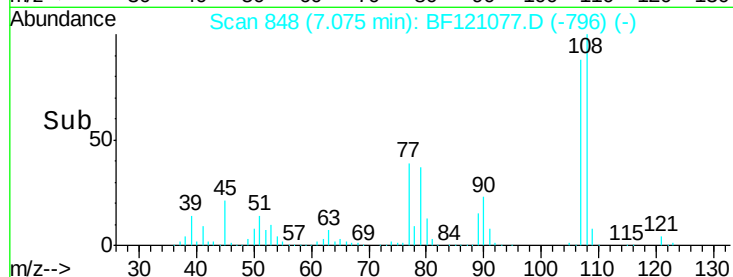
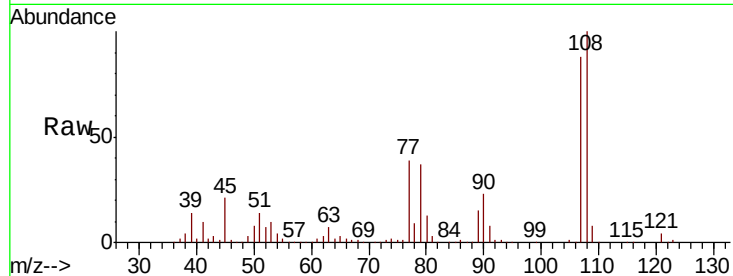
#17
2-Methylphenol
Concen: 39.110 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	92.0	138.0	
77	44.7	34.0	51.0	
79	41.9	33.3	49.9	

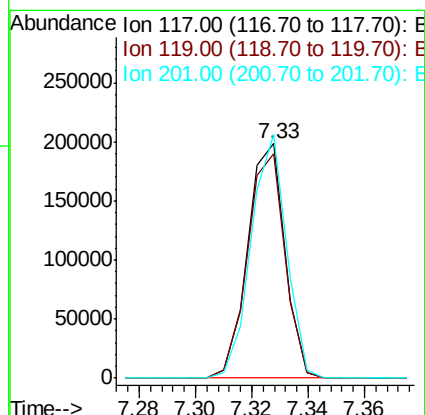
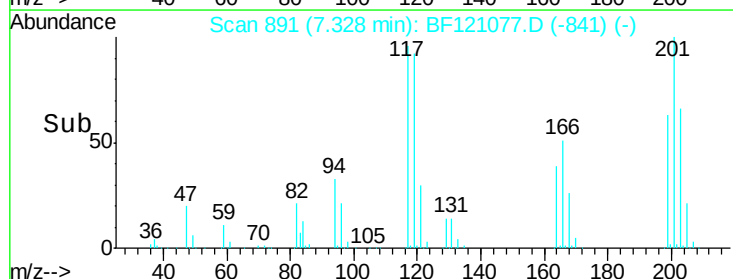
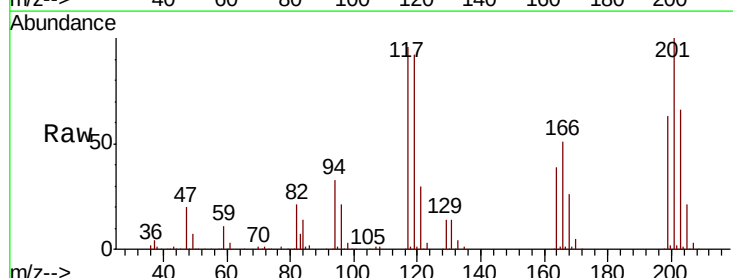
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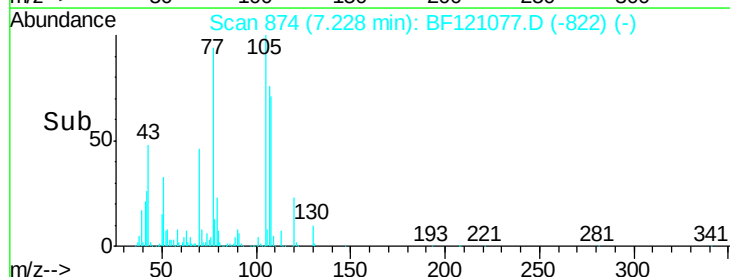
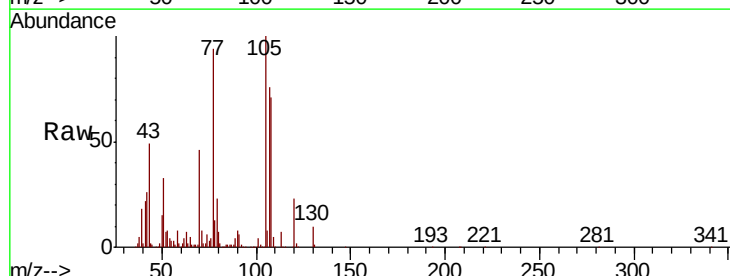
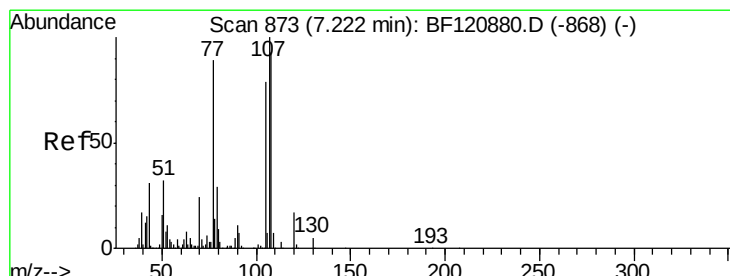
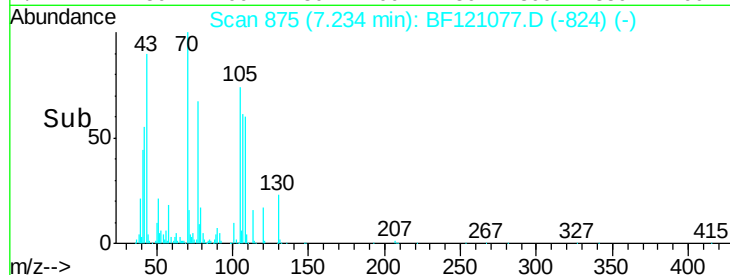
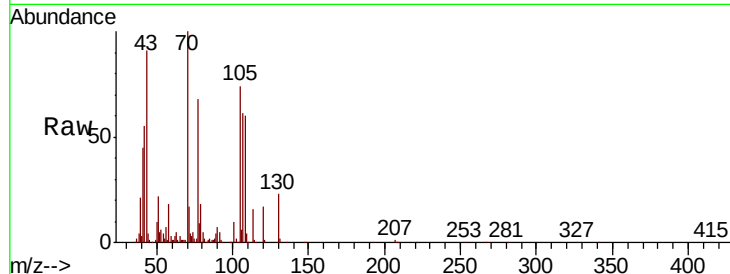
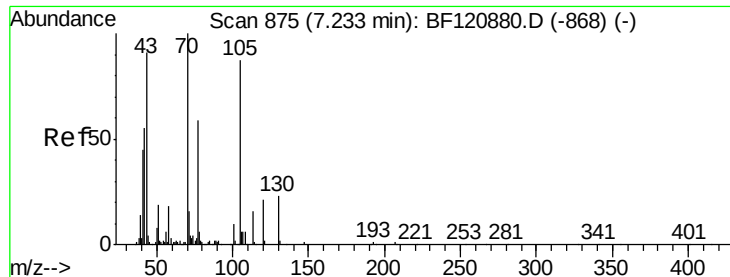
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#18
Hexachloroethane
Concen: 43.718 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.0	114.0	
201	103.8	81.7	122.5	





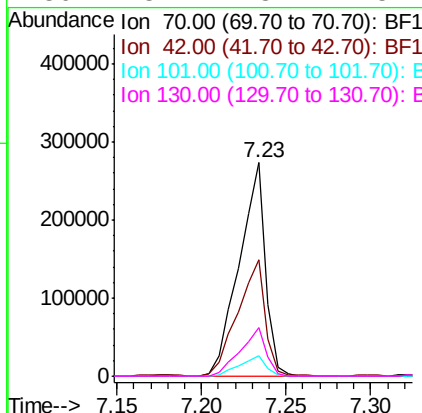
#19
n-Nitroso-di-n-propylamine
Concen: 41.884 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	44.0	66.0	
101	9.8	7.8	11.6	
130	23.1	18.7	28.1	

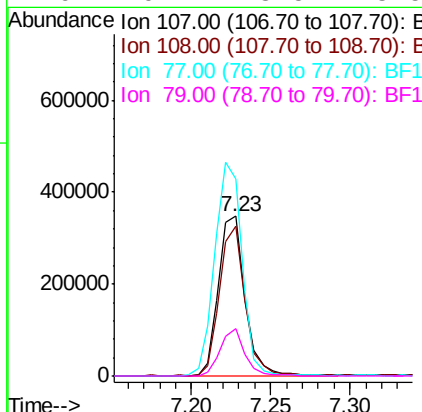
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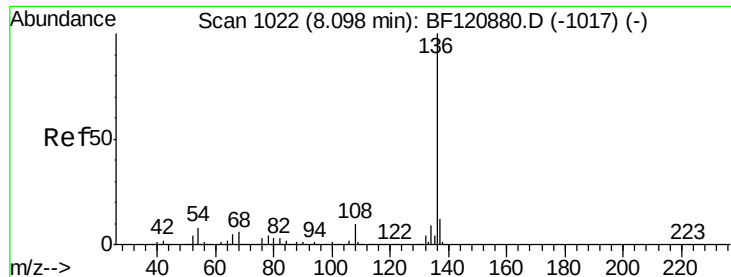
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#20
3+4-Methylphenols
Concen: 33.597 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.5	72.8	112.8	
77	123.5	68.7	108.7#	
79	29.7	8.5	48.5	





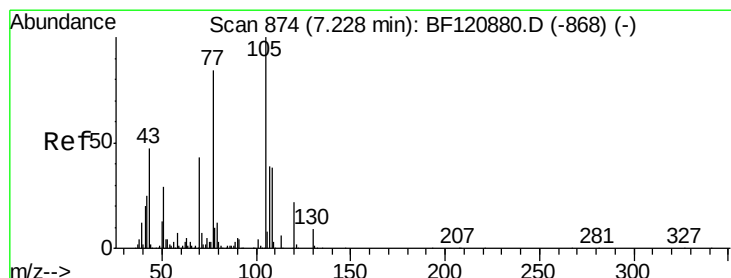
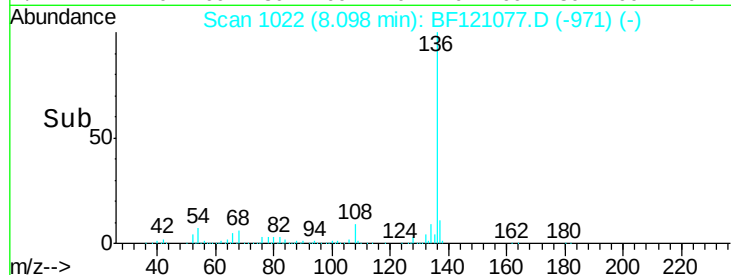
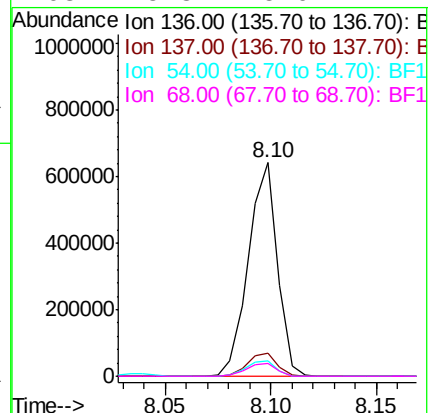
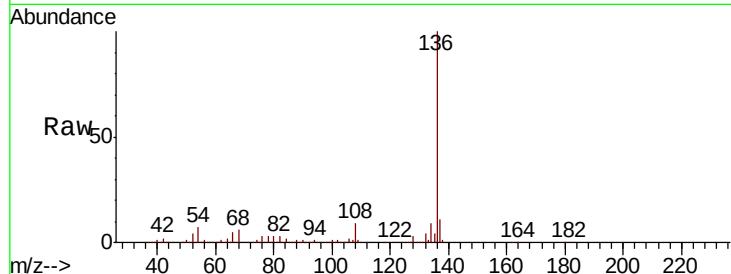
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		611587		
137	10.9		9.3	13.9	
54	7.2		6.3	9.5	
68	5.8		5.0	7.4	

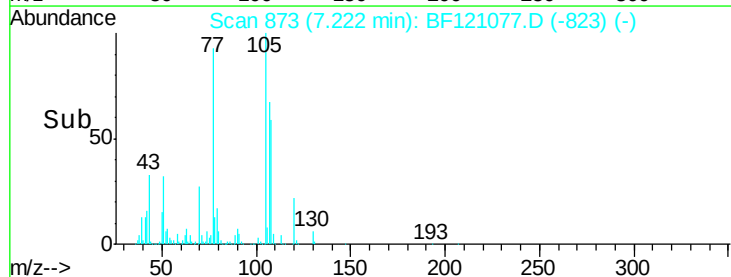
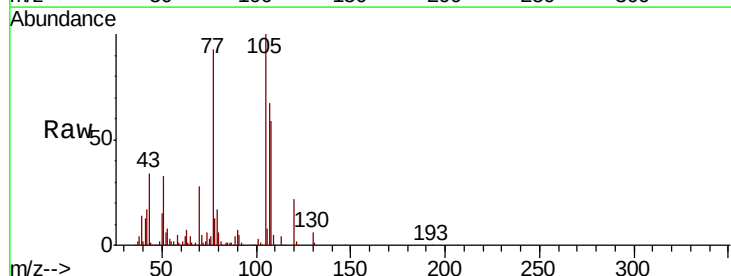
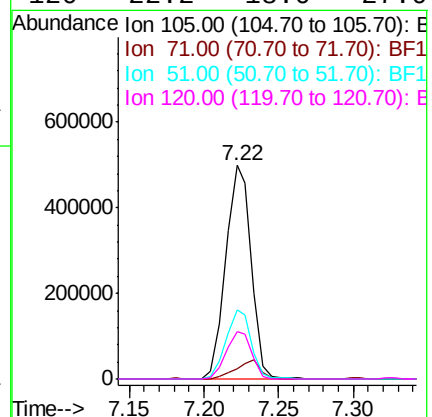
Manual Integrations
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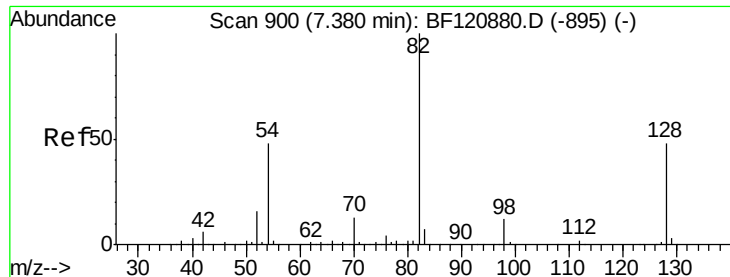
mohammad
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#22
Acetophenone
Concen: 43.752 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		600534		
71	4.7		5.7	8.5#	
51	32.6		22.9	34.3	
120	22.2		18.0	27.0	





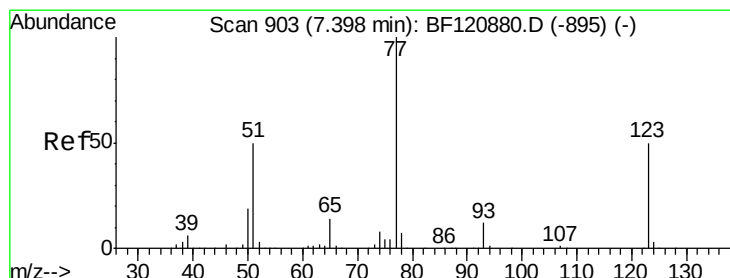
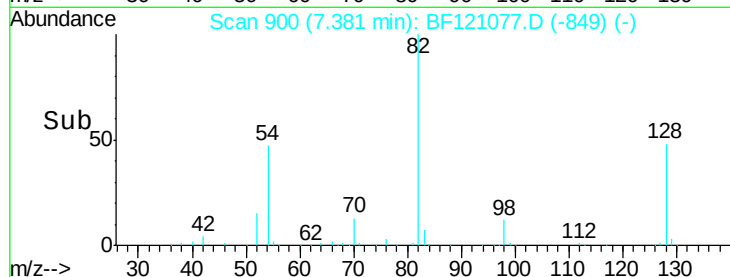
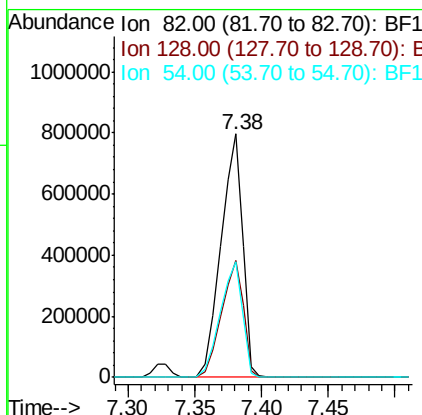
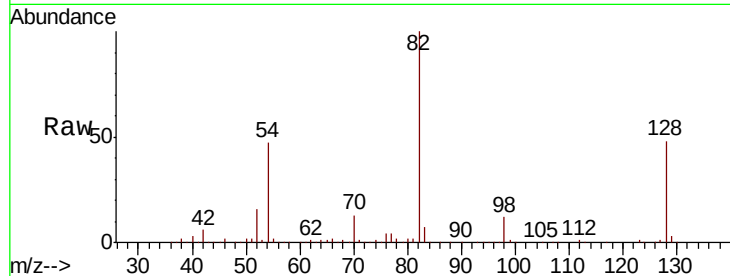
#23
Nitrobenzene-d5
Concen: 87.073 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	920328		
128	48.2		38.2	57.4
54	47.3		38.7	58.1

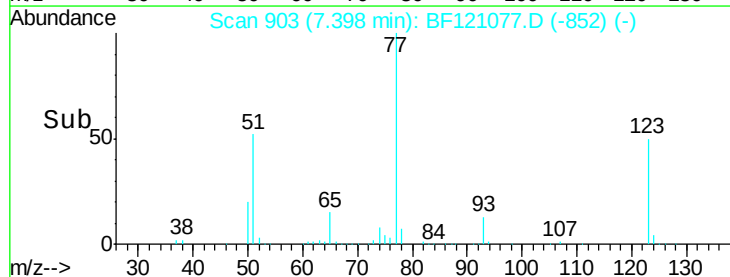
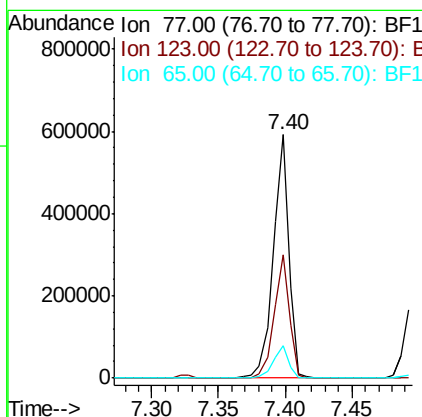
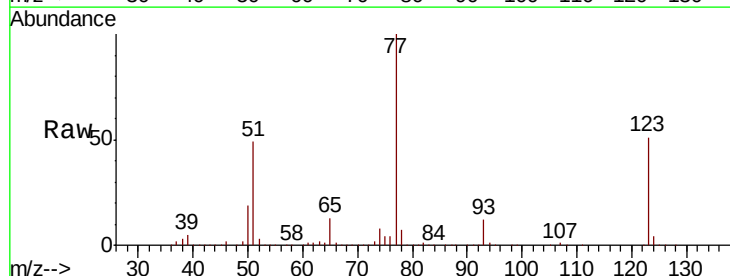
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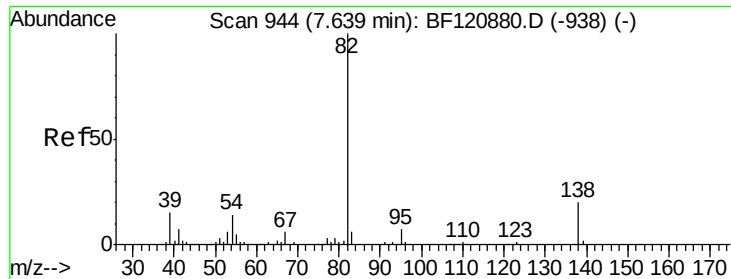
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#24
Nitrobenzene
Concen: 42.448 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	483566		
123	50.7		40.1	60.1
65	13.3		10.8	16.2





#25

Isophorone

Concen: 41.054 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

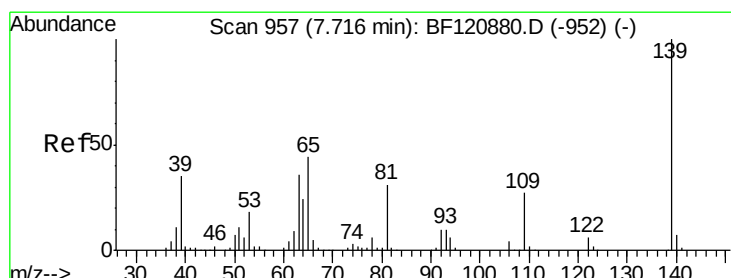
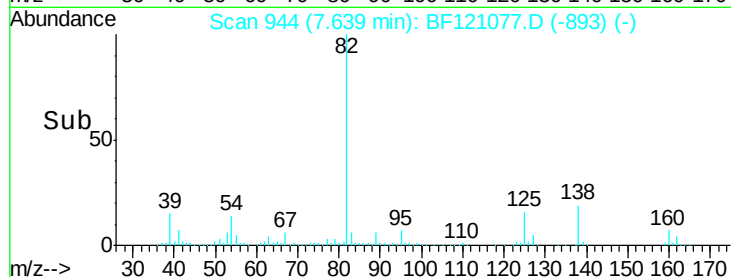
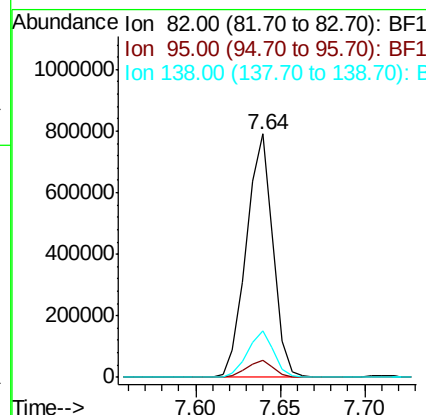
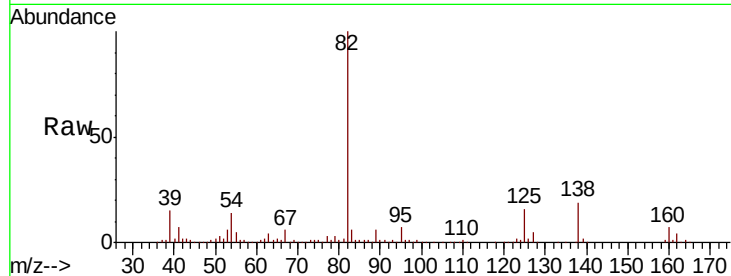
ClientSampleId :

20200438-3001AMS

Tot Ion:	82	Resp:	866007
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	19.3	15.6	23.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.392 ng

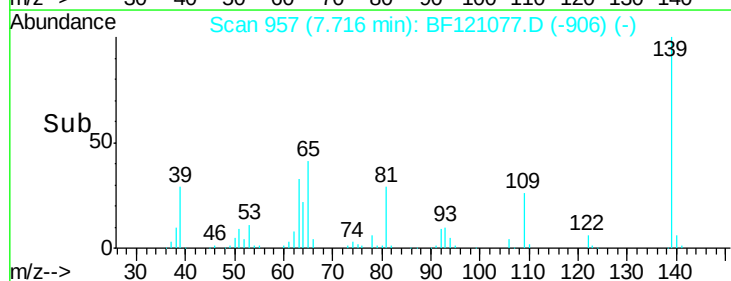
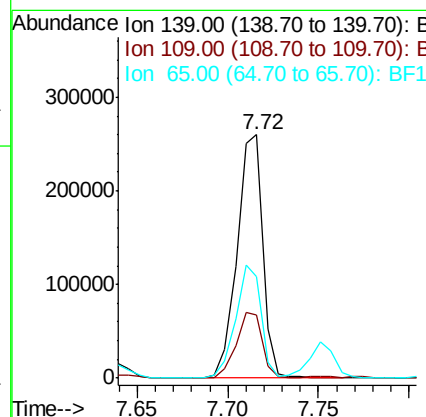
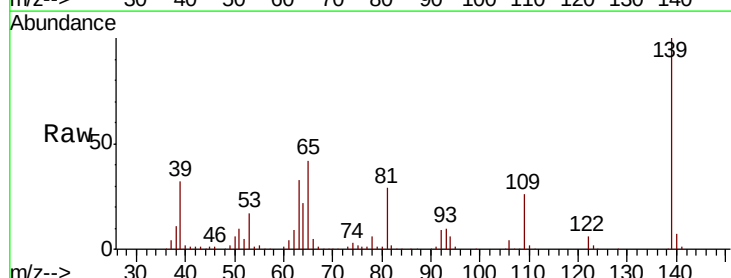
RT: 7.72 min Scan# 957

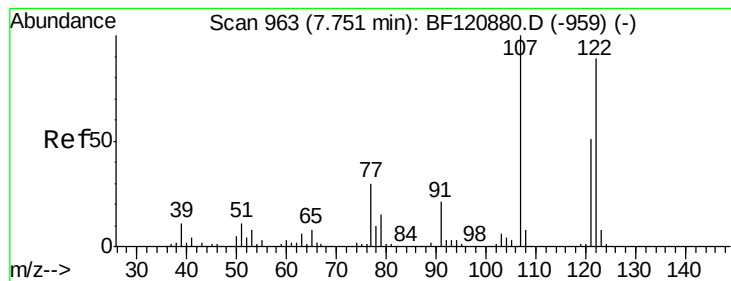
Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:	139	Resp:	256410
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.6	32.4
65	41.7	35.3	52.9





#27

2,4-Dimethylphenol

Concen: 46.648 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

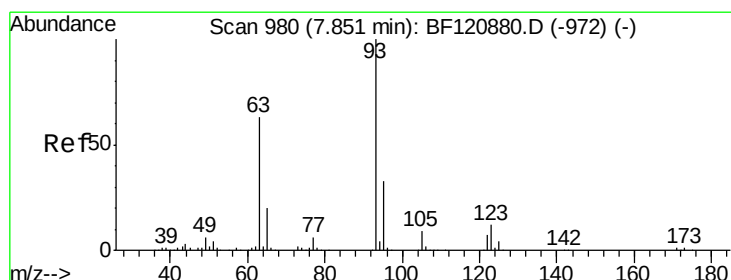
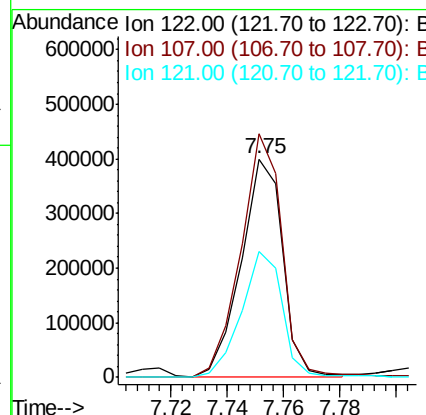
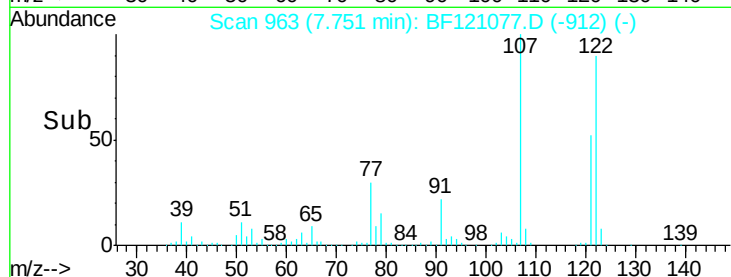
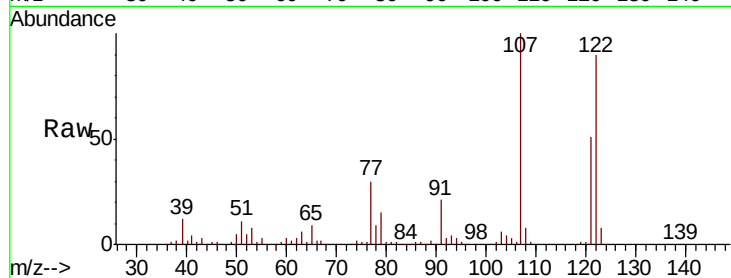
ClientSampleId :

20200438-3001AMS

Tot Ion:	122	Resp:	409768
Ion Ratio	Lower	Upper	
122	100		
107	111.6	89.4	134.0
121	57.5	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 44.631 ng

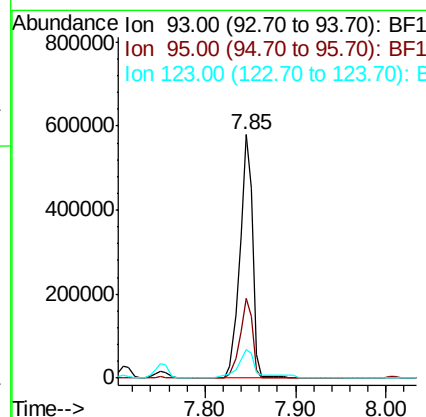
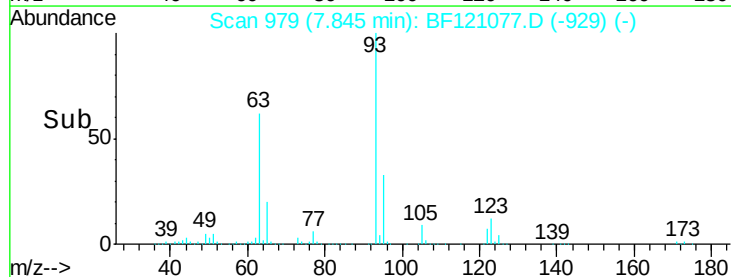
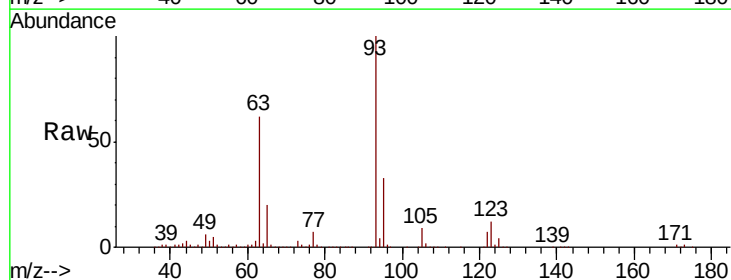
RT: 7.85 min Scan# 979

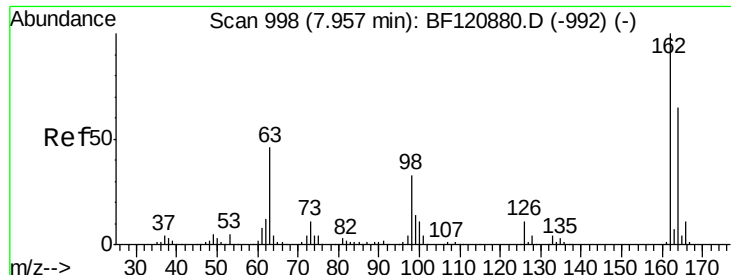
Delta R.T. -0.01 min

Lab File: BF121077.D

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Tgt Ion:	93	Resp:	574688
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	11.7	10.0	15.0





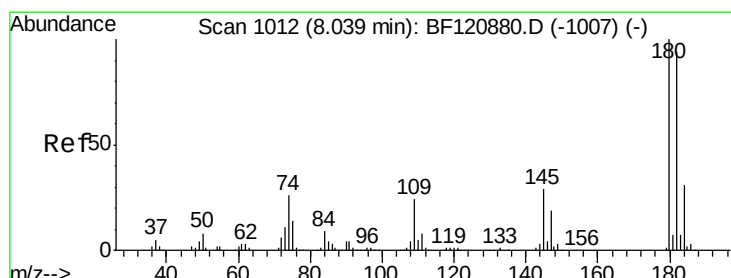
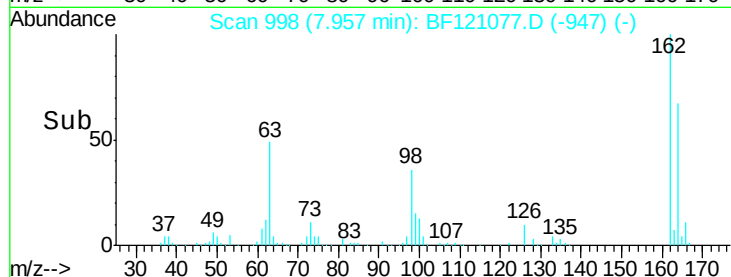
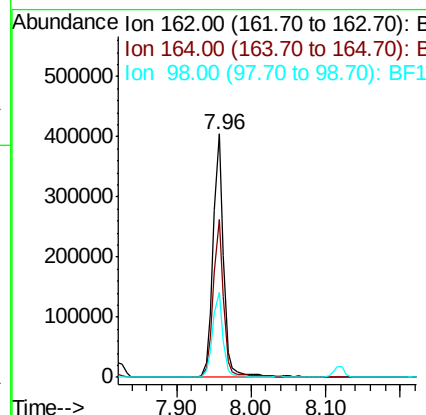
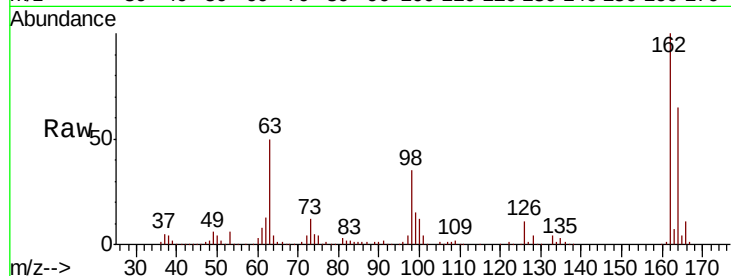
#29
2,4-Dichlorophenol
Concen: 44.851 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402594		
164	65.0	45.3	85.3	
98	35.1	13.3	53.3	

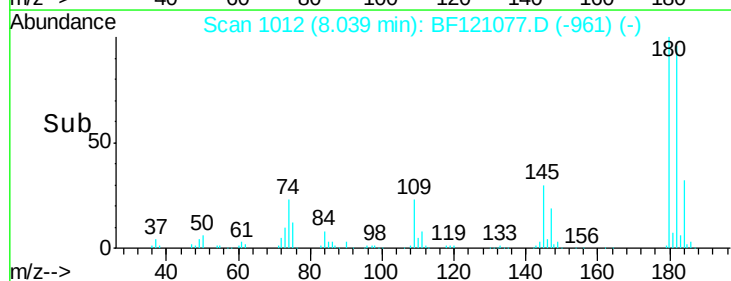
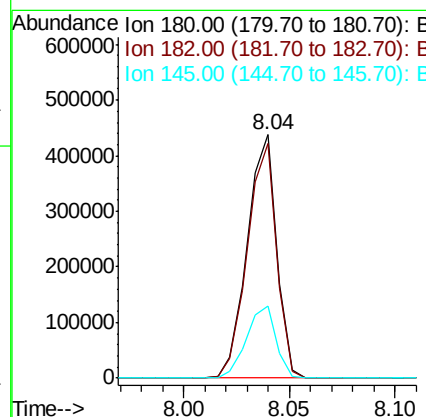
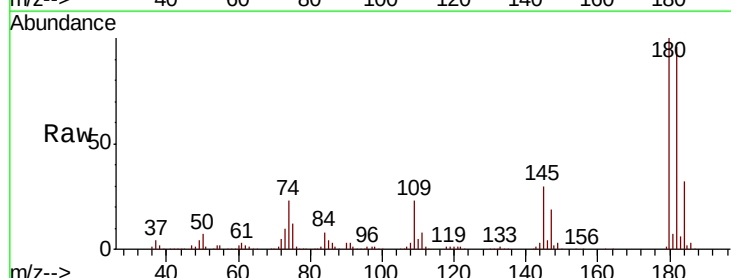
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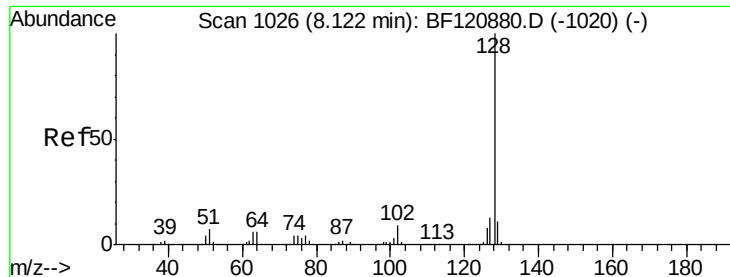
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#30
1,2,4-Trichlorobenzene
Concen: 42.496 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	423213		
182	96.2	75.0	112.6	
145	29.8	23.5	35.3	





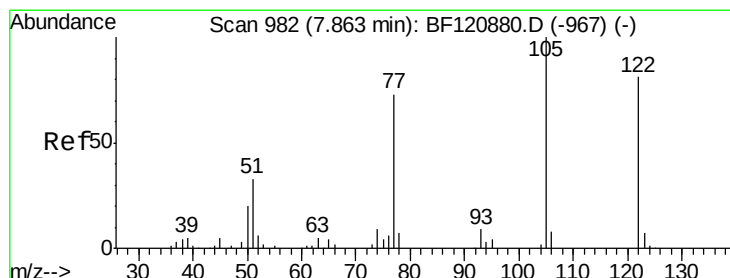
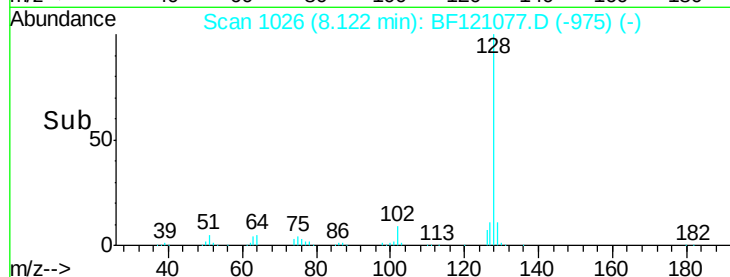
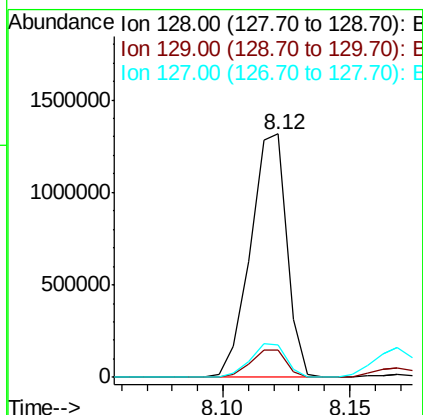
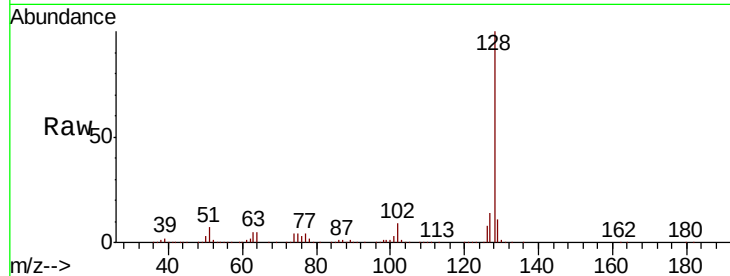
#31
Naphthalene
Concen: 42.200 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:128 Resp: 1323879
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.6 10.7 16.1

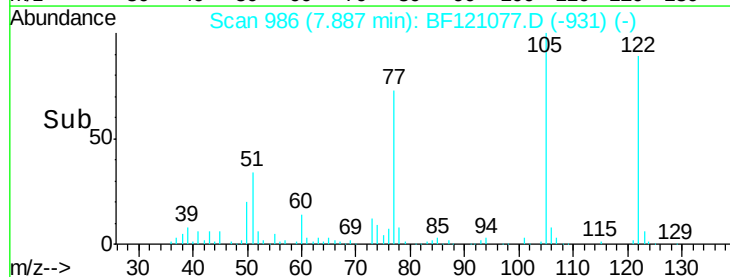
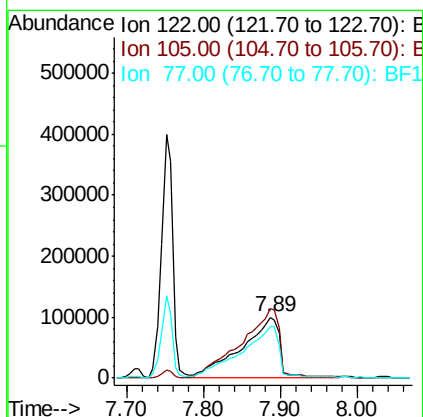
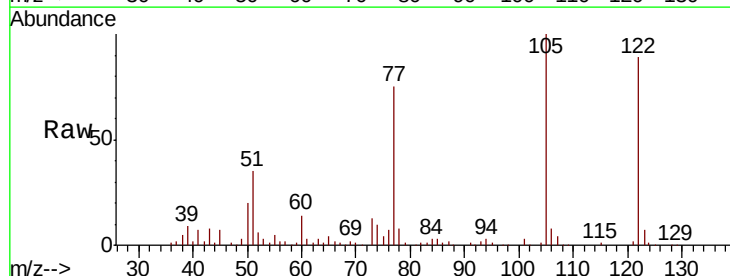
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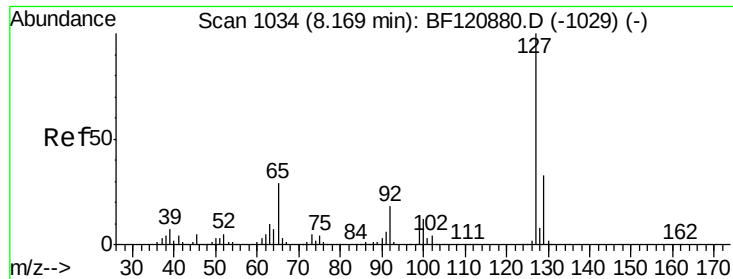
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#32
Benzoic acid
Concen: 51.760 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.02 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:122 Resp: 341314
Ion Ratio Lower Upper
122 100
105 112.8 101.3 141.3
77 84.9 69.1 109.1





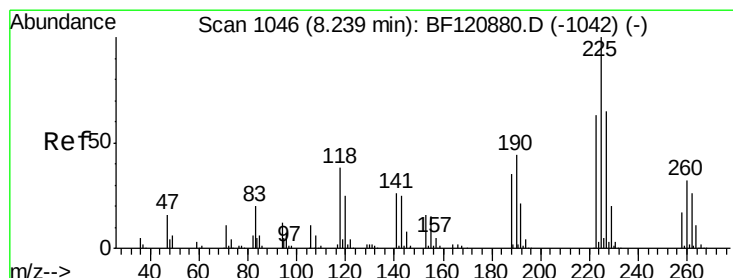
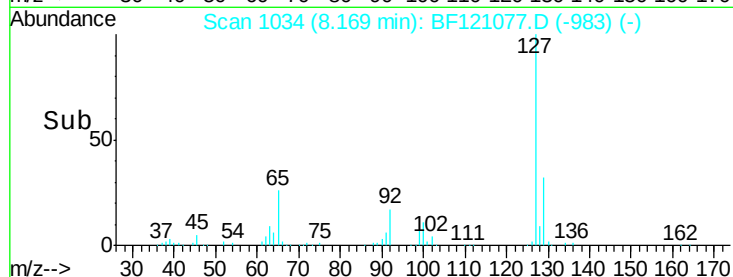
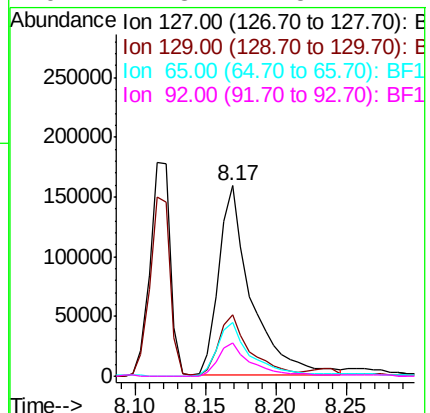
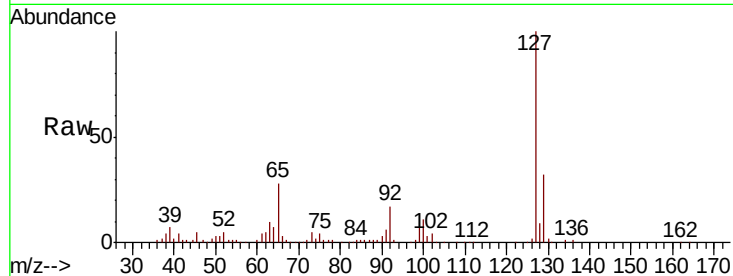
#33
4-Chloroaniline
Concen: 18.352 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		256824		
129	32.2	26.5	39.7		
65	27.9	23.0	34.4		
92	17.3	14.5	21.7		

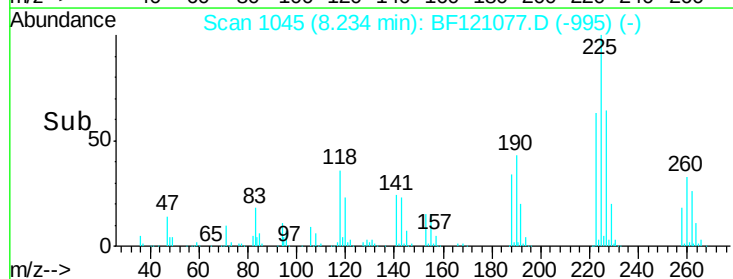
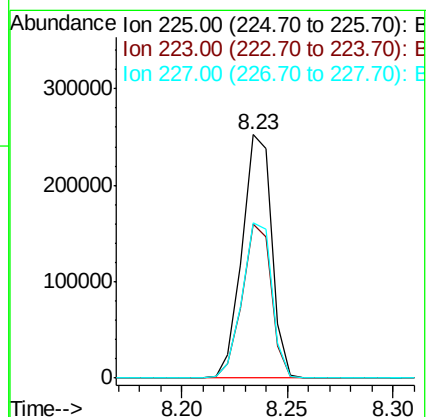
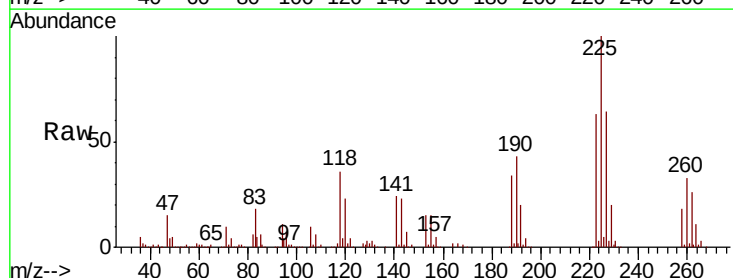
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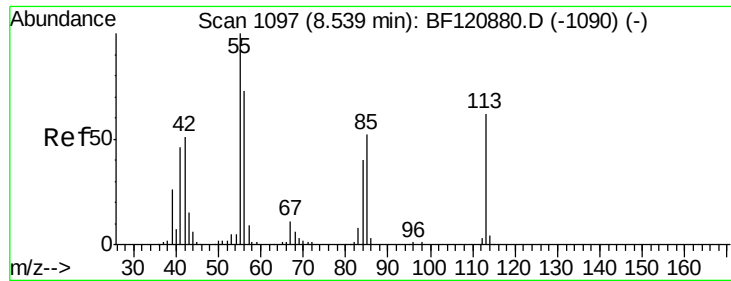
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#34
Hexachlorobutadiene
Concen: 41.644 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		244484		
223	63.4	50.6	76.0		
227	63.7	52.2	78.2		





#35

Caprolactam

Concen: 34.005 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. 0.02 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

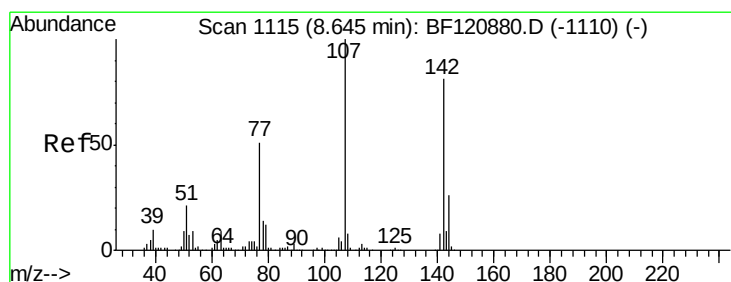
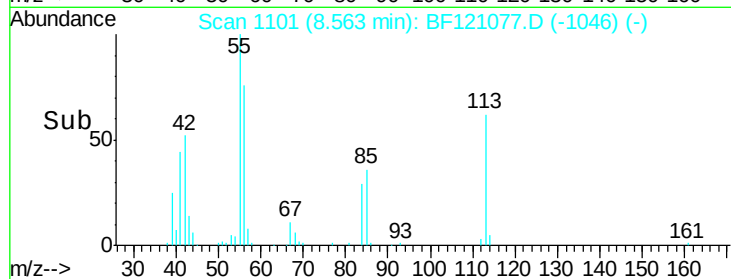
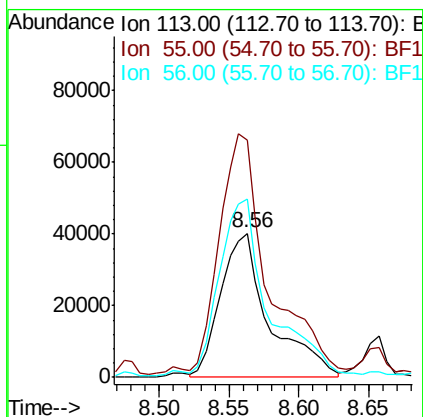
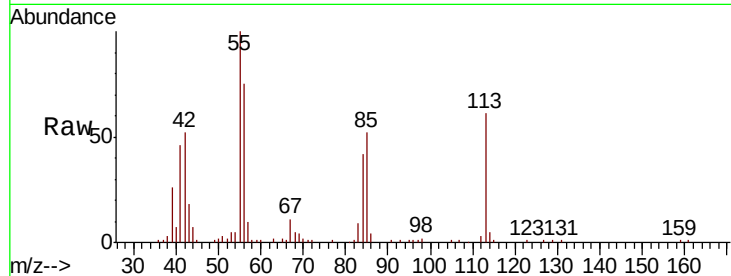
ClientSampleId :

20200438-3001AMS

Tot Ion:	113	Resp:	97886
Ion Ratio	Lower	Upper	
113	100		
55	164.5	143.3	183.3
56	123.3	99.4	139.4

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#36

4-Chloro-3-methylphenol

Concen: 45.412 ng/mL

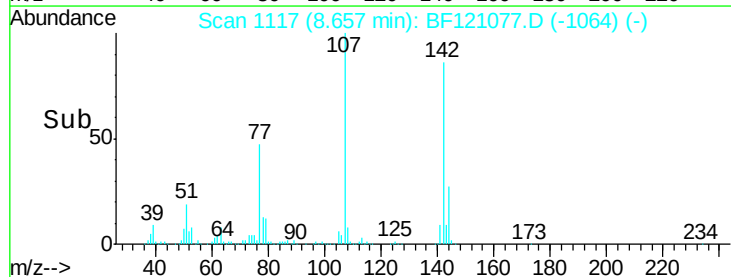
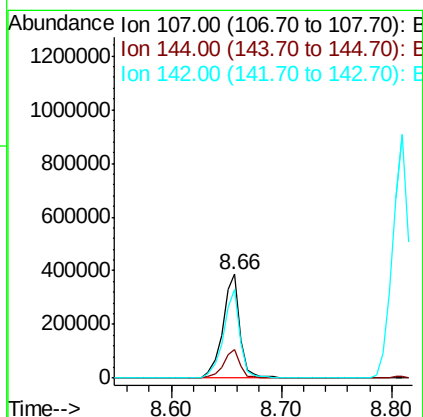
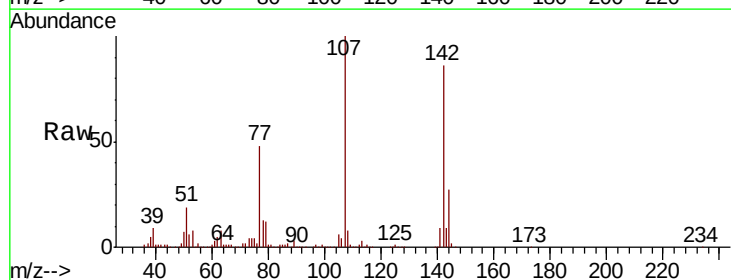
RT: 8.66 min Scan# 1117

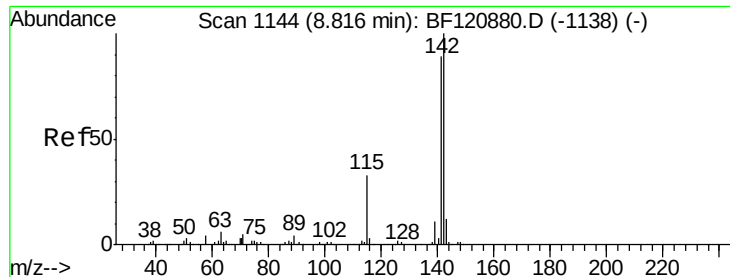
Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:	107	Resp:	418061
Ion Ratio	Lower	Upper	
107	100		
144	27.5	21.0	31.6
142	85.6	65.0	97.6





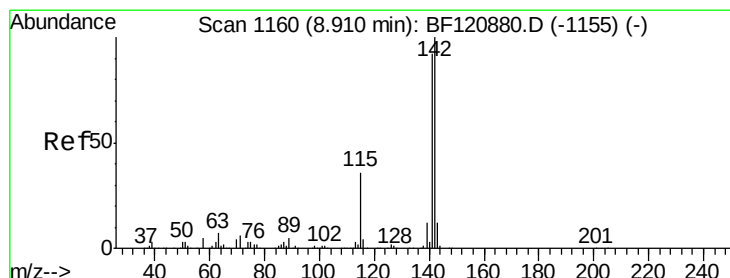
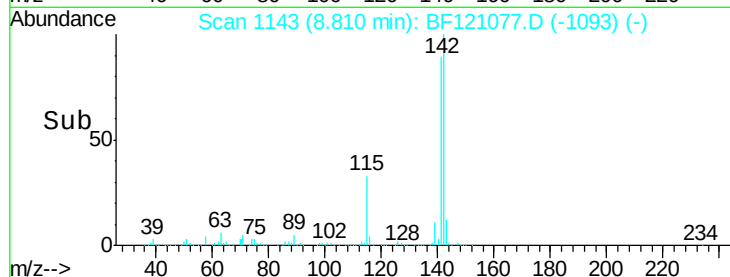
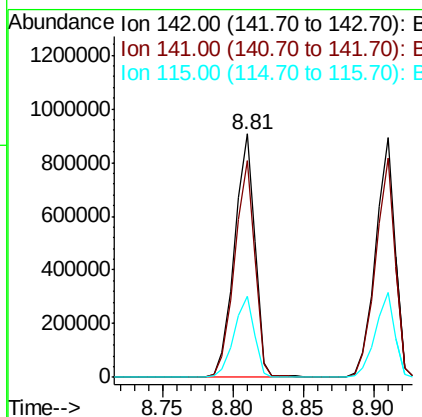
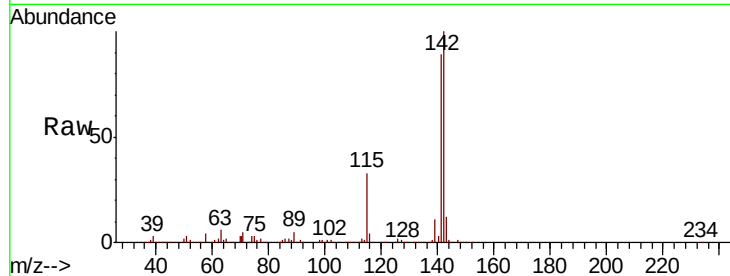
#37
 2-Methylnaphthalene
 Concen: 44.861 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4
115	33.3	26.0	39.0

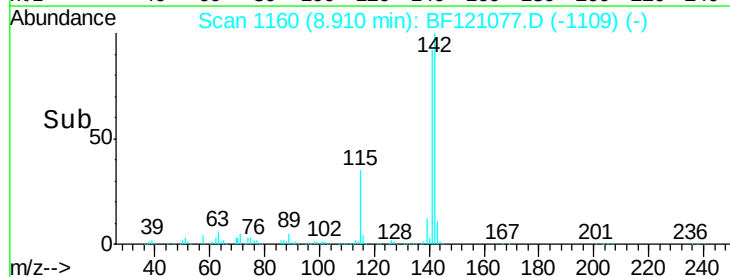
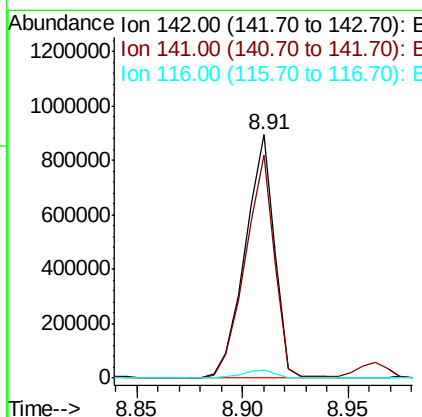
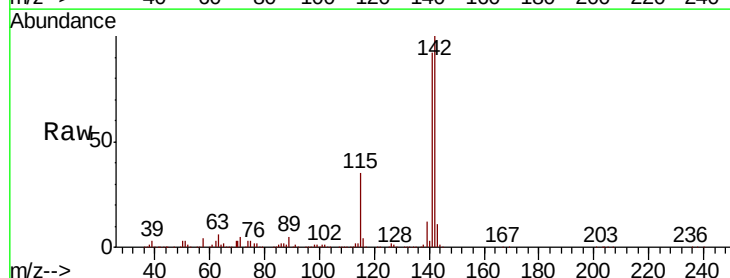
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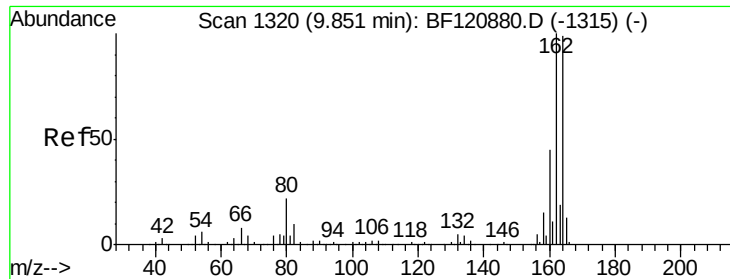
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#38
 1-Methylnaphthalene
 Concen: 44.318 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.6	3.0	4.6





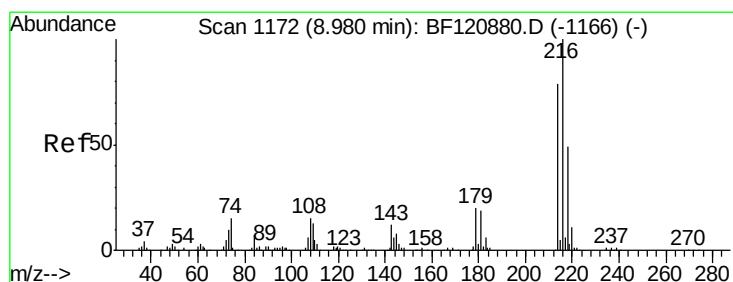
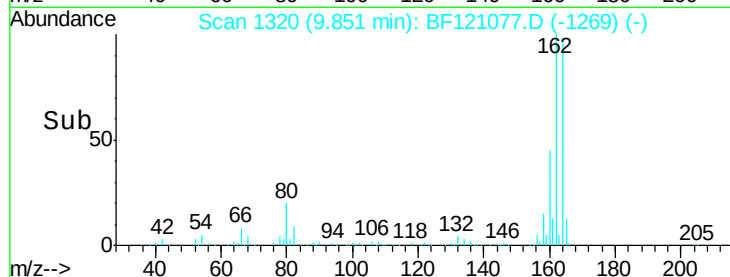
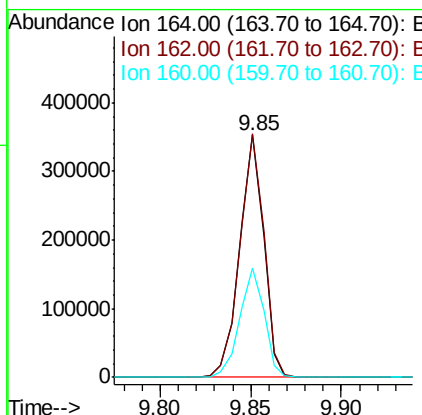
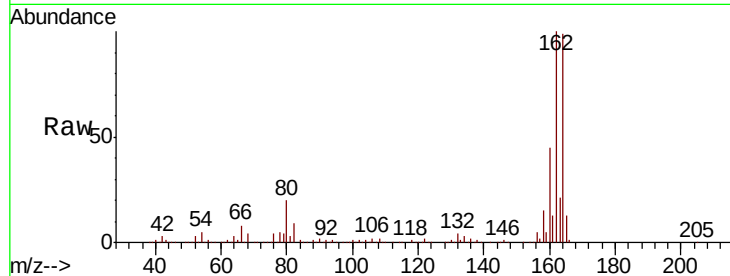
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.2	121.8
160	44.9	36.9	55.3

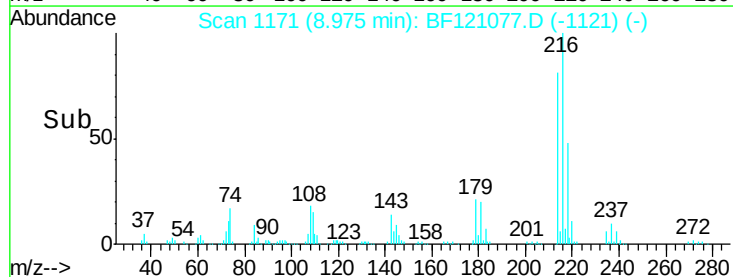
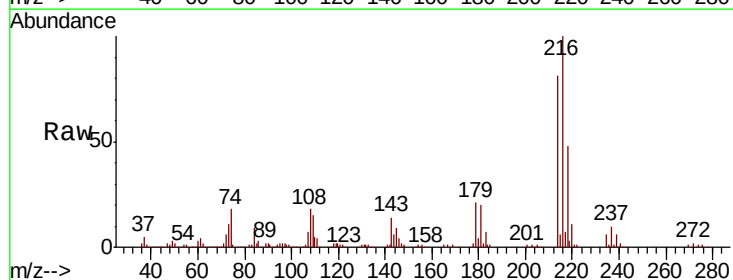
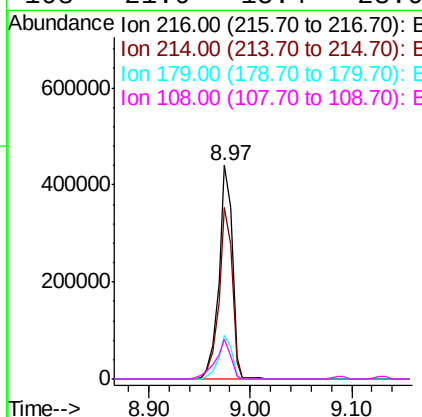
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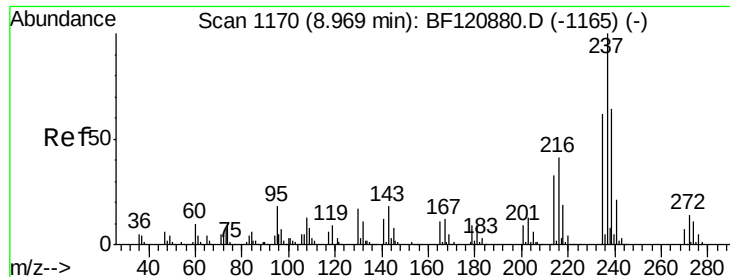
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.248 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.8	95.8
179	20.4	16.6	24.8
108	21.0	15.4	23.0





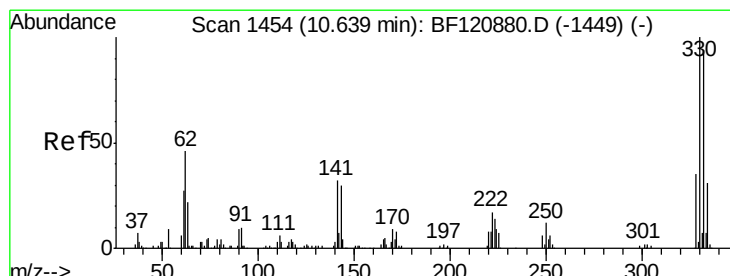
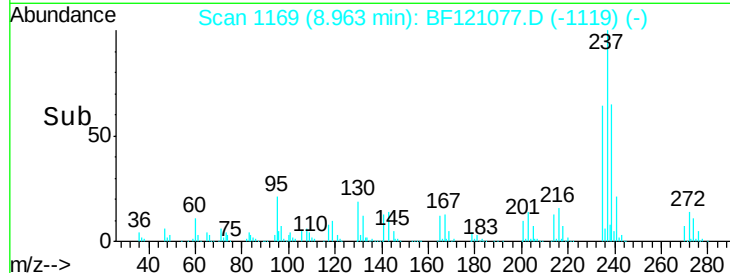
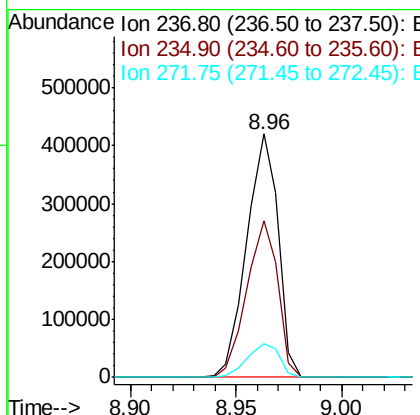
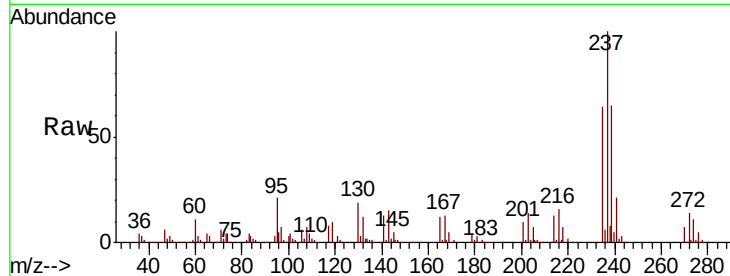
#41
Hexachlorocyclopentadiene
Concen: 82.349 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.3	41.6	81.6	
272	13.9	0.0	33.7	

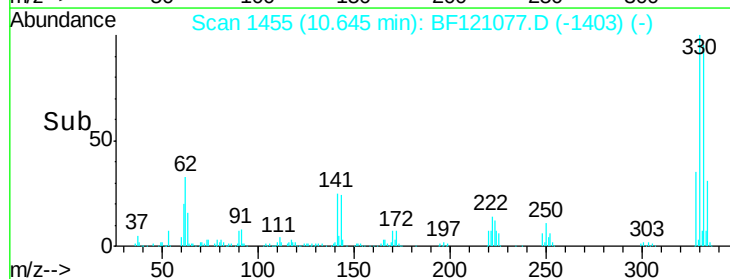
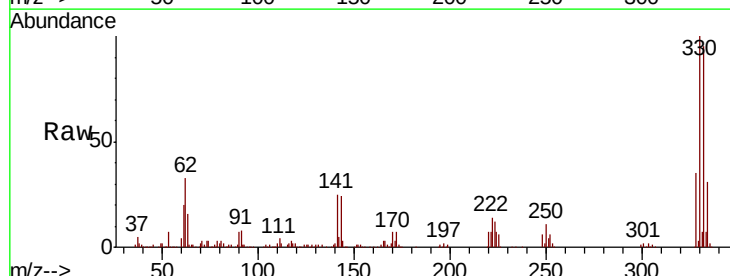
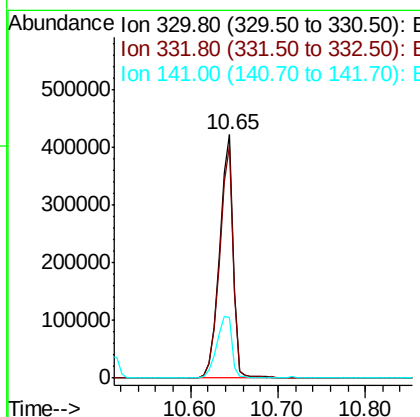
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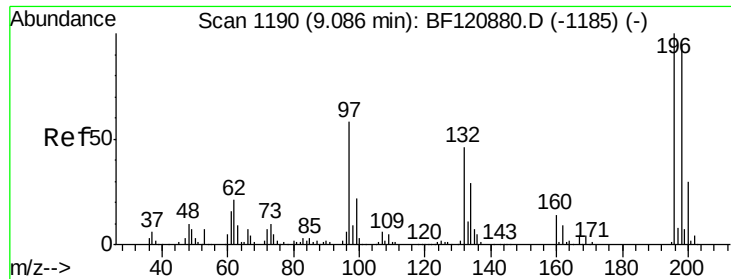
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#42
2,4,6-Tribromophenol
Concen: 127.354 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	75.5	113.3	
141	29.1	25.7	38.5	





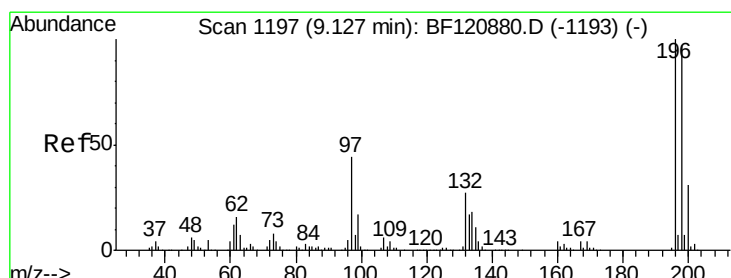
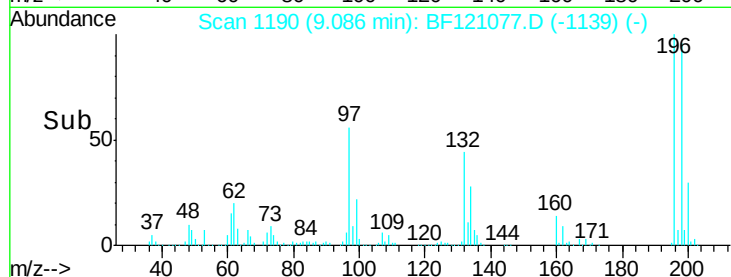
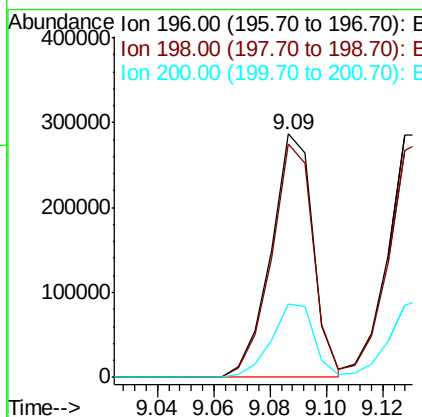
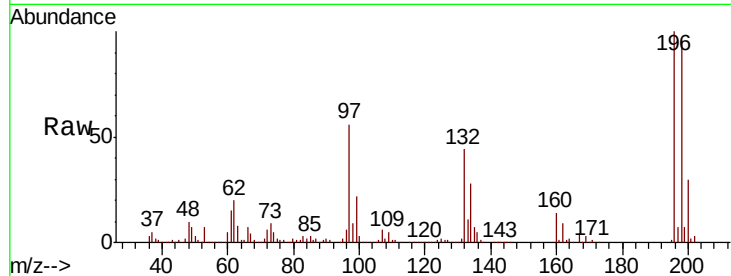
#43
 2,4,6-Trichlorophenol
 Concen: 44.150 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	296623		
198	95.8		75.7	113.5
200	30.3		24.4	36.6

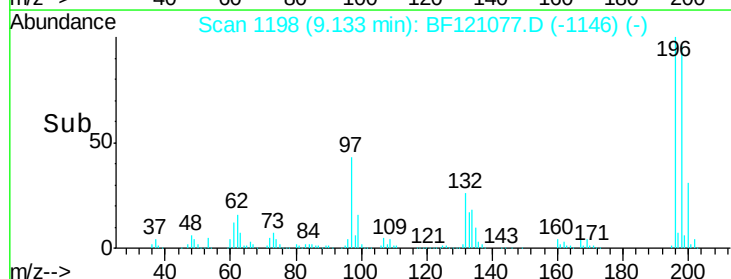
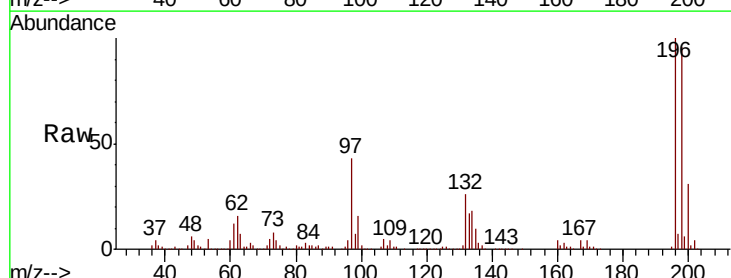
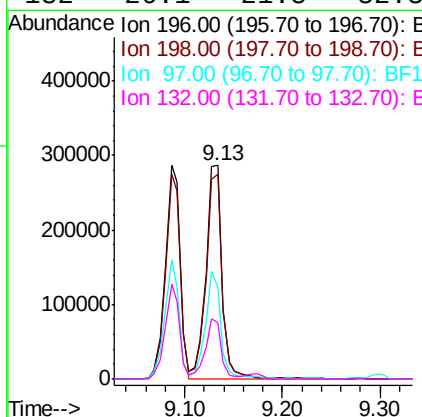
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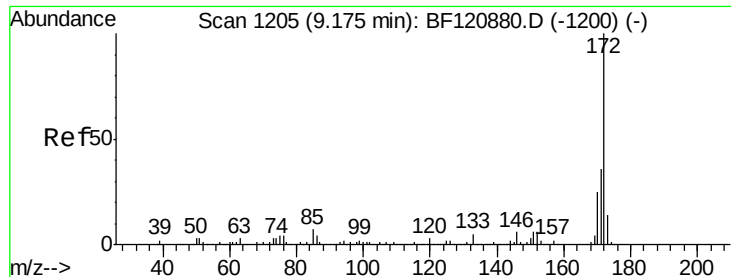
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.066 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328204		
198	96.0		77.6	116.4
97	43.2		35.6	53.4
132	26.1		21.5	32.3





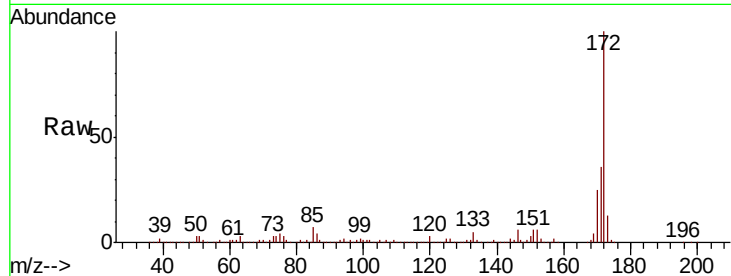
#45
2-Fluorobiphenyl
Concen: 75.799 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.5	19.6	29.4

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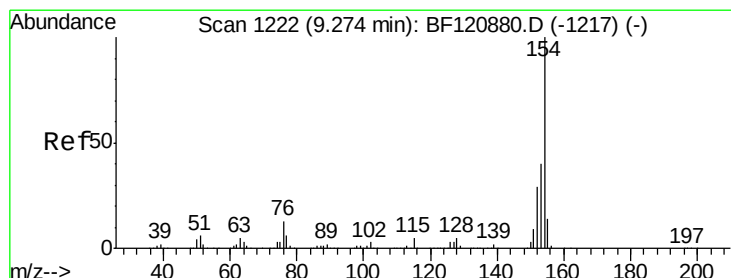
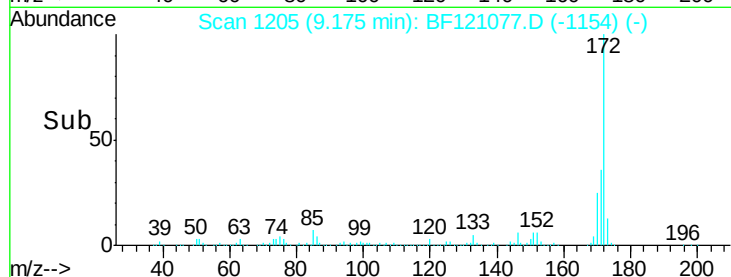
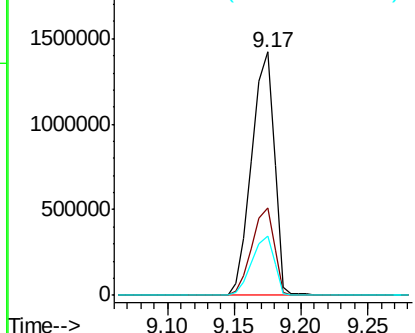


Abundance

Ion 172.00 (171.70 to 172.70): E

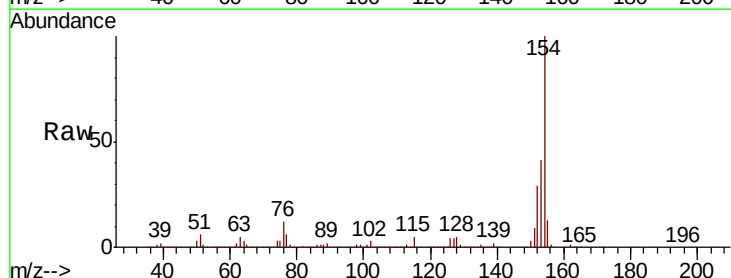
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.904 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.4	60.4
76	12.4	0.0	33.1

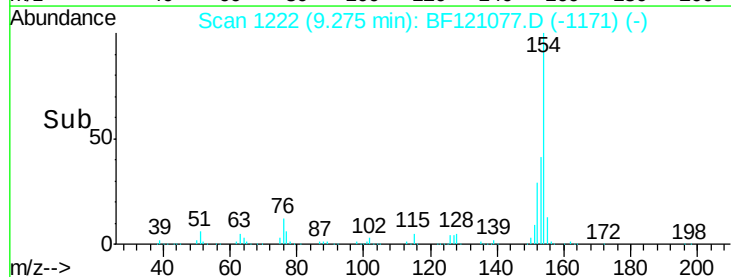
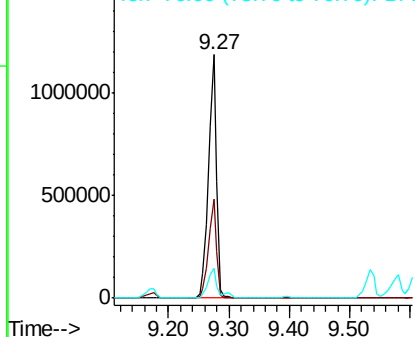


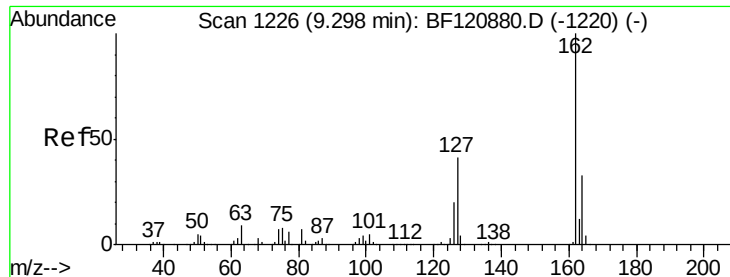
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





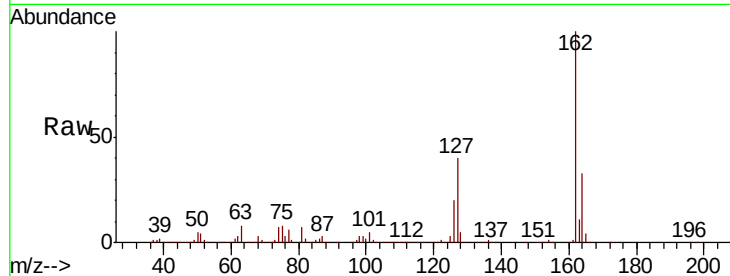
#47
2-Chloronaphthalene
Concen: 42.064 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

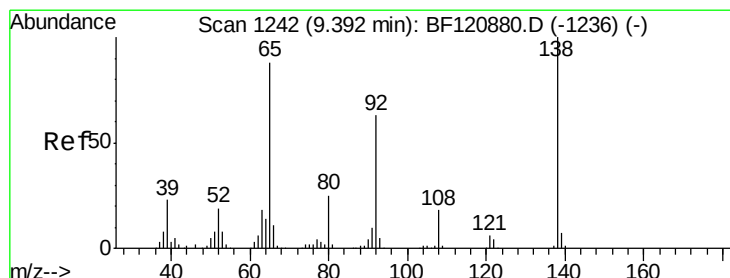
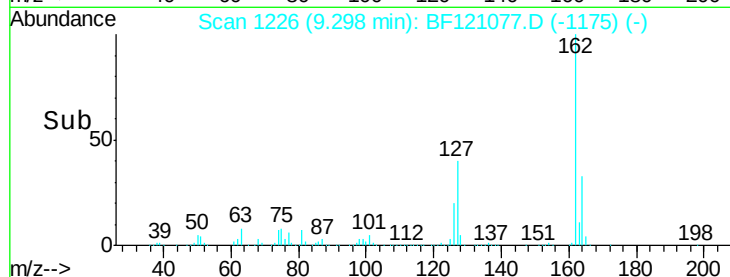
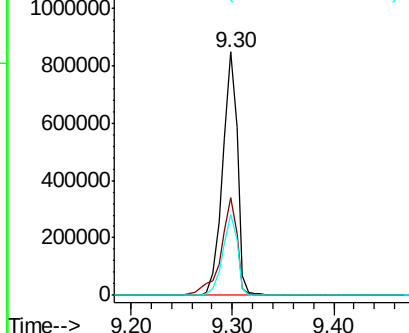
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	33.3	49.9	
164	33.5	26.6	39.8	

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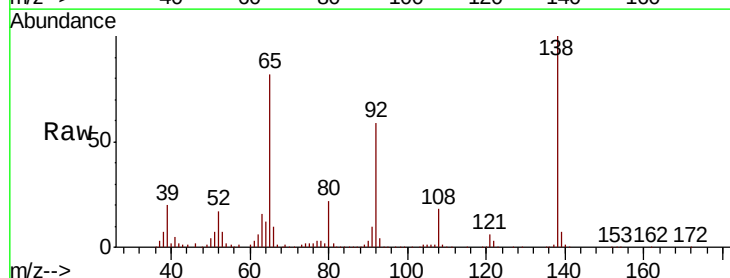


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

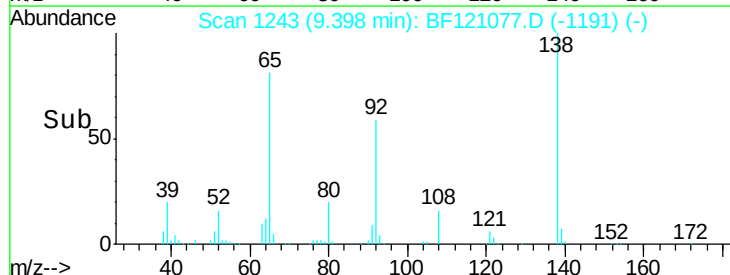
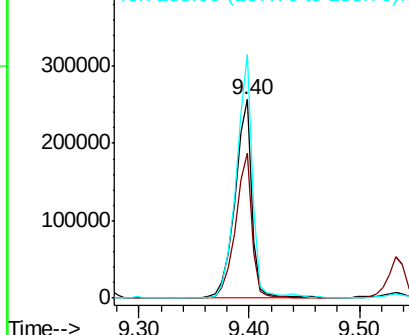


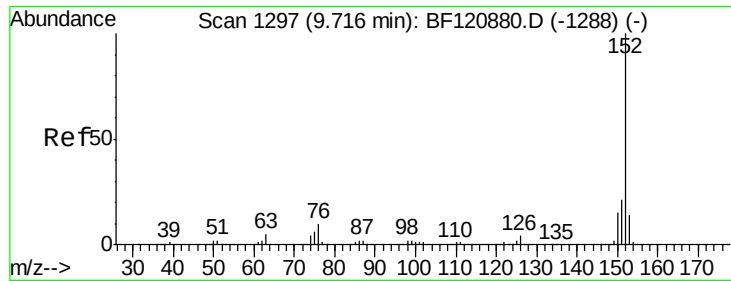
#48
2-Nitroaniline
Concen: 44.773 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.8	57.0	85.4	
138	122.6	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: 43.408 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

Tot Ion:152 Resp: 1373518

Ion Ratio Lower Upper

152 100

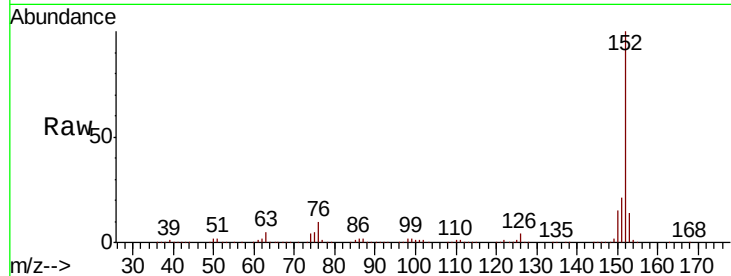
151 20.9 16.6 25.0

153 13.5 10.9 16.3

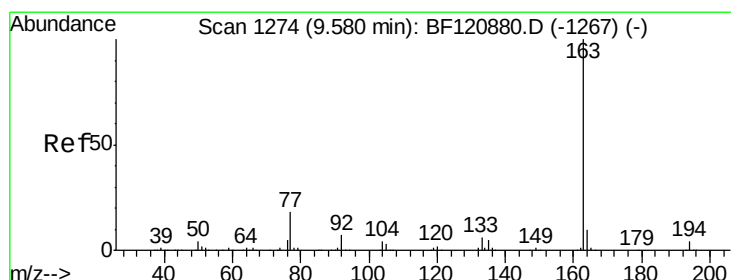
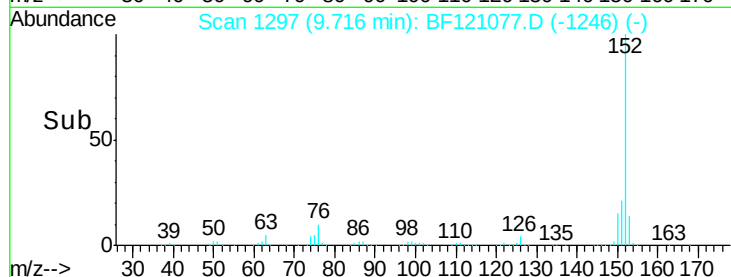
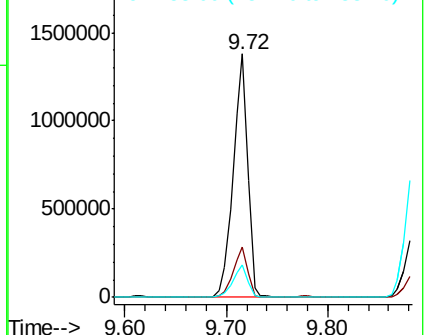
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.075 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

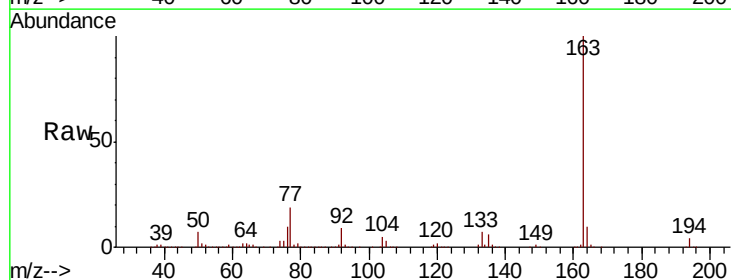
Tgt Ion:163 Resp: 1277651

Ion Ratio Lower Upper

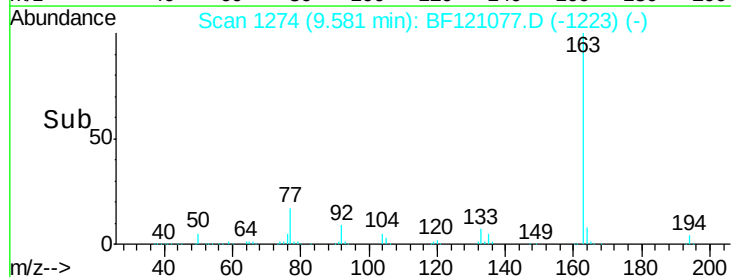
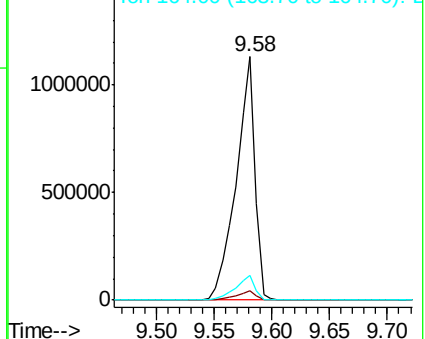
163 100

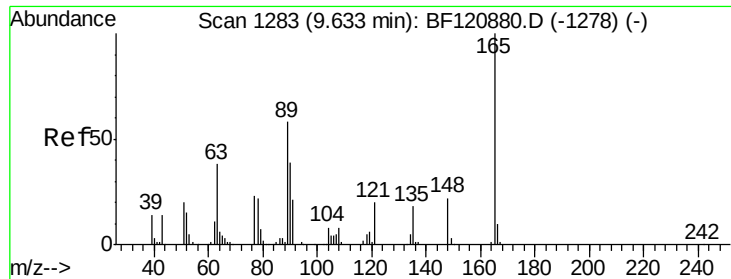
194 3.9 3.2 4.8

164 10.4 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: 46.353 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

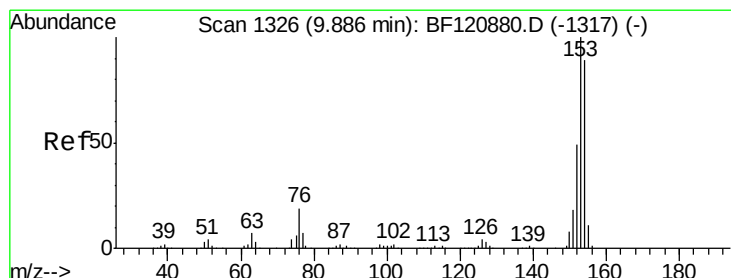
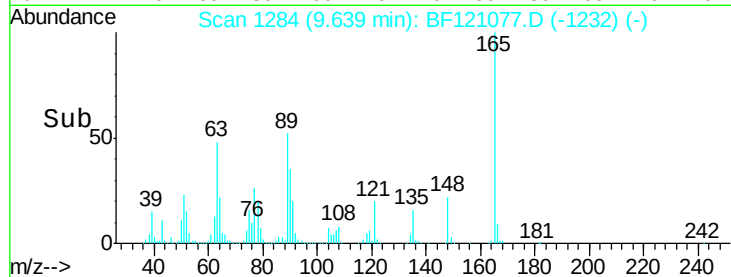
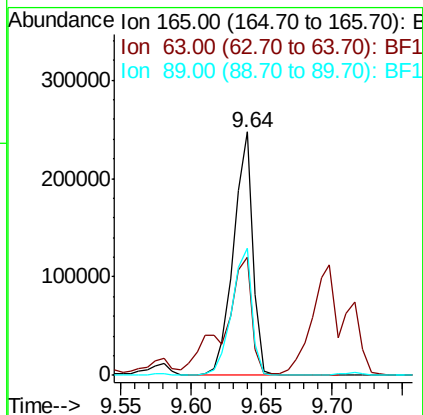
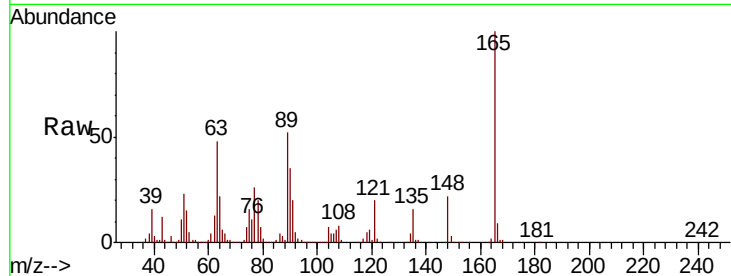
ClientSampleId :

20200438-3001AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235295		
63	48.4		45.4	68.2	
89	52.0		47.0	70.4	

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#52

Acenaphthene

Concen: 47.149 ng m

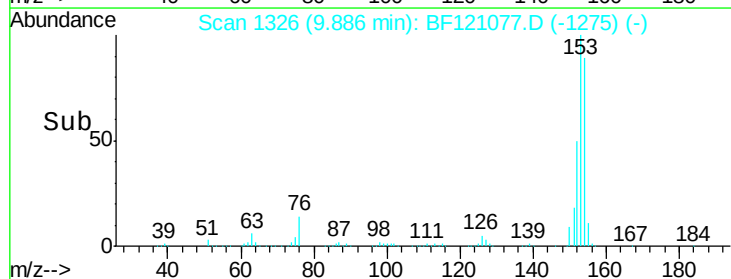
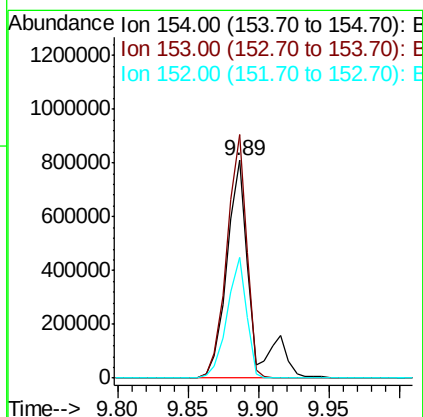
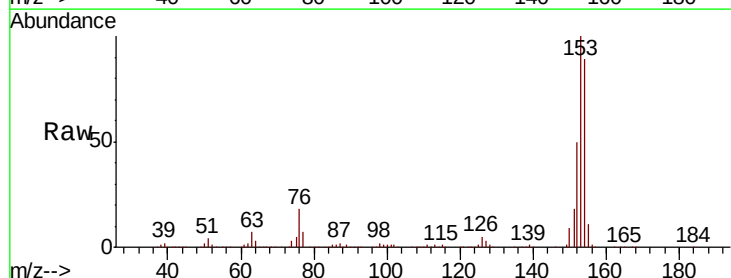
RT: 9.89 min Scan# 1326

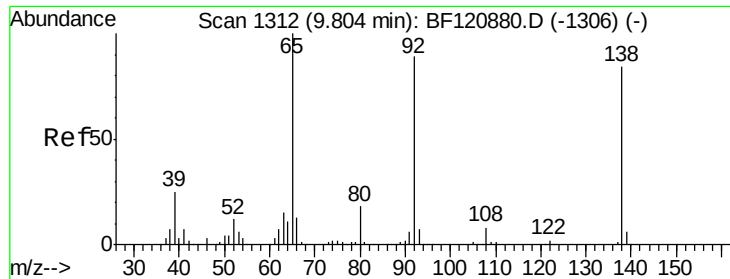
Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		948513		
153	112.0		89.5	134.3	
152	55.7		44.2	66.2	





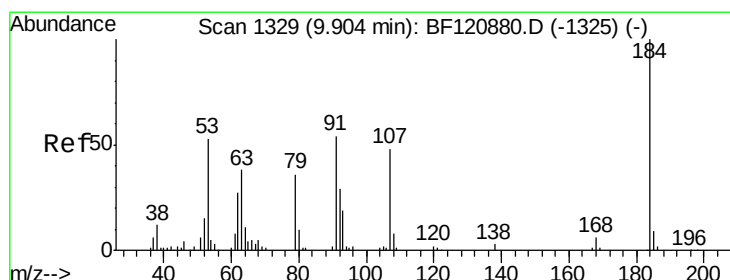
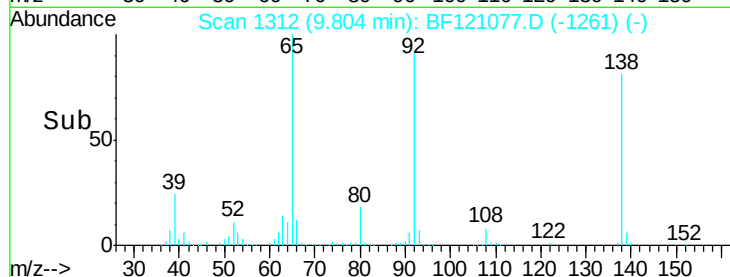
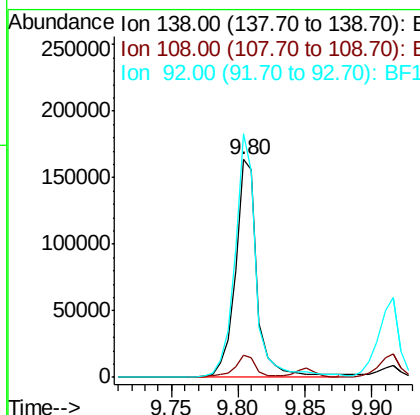
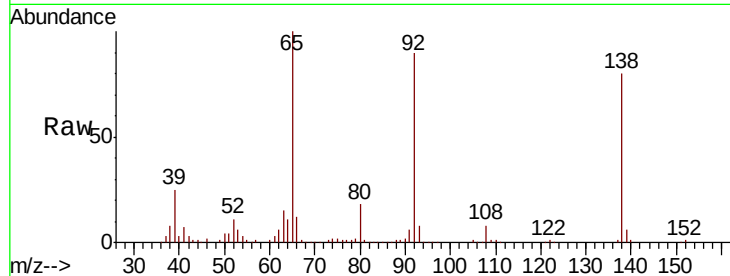
#53
3-Nitroaniline
Concen: 29.408 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.9	11.9
92	111.8	85.3	127.9

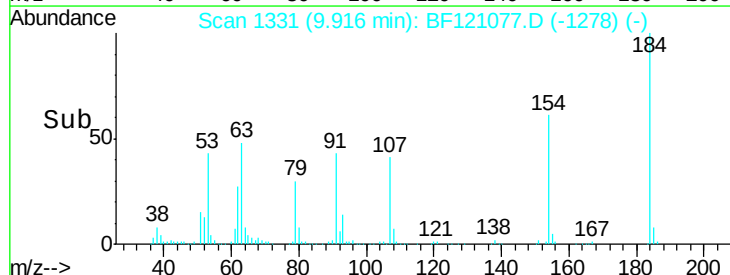
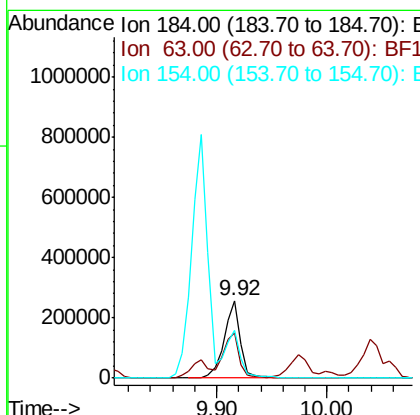
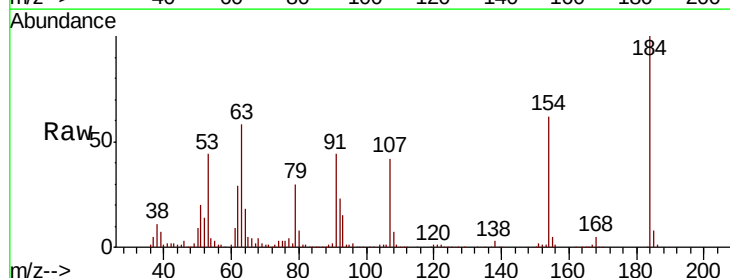
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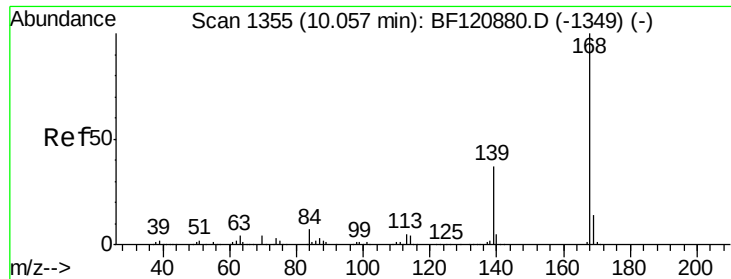
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#54
2,4-Dinitrophenol
Concen: 90.078 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.6	57.9	86.9#
154	61.6	52.6	78.8





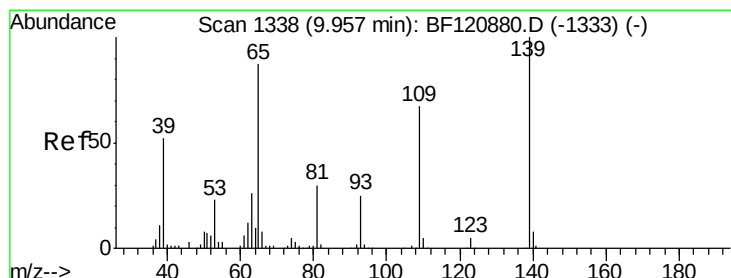
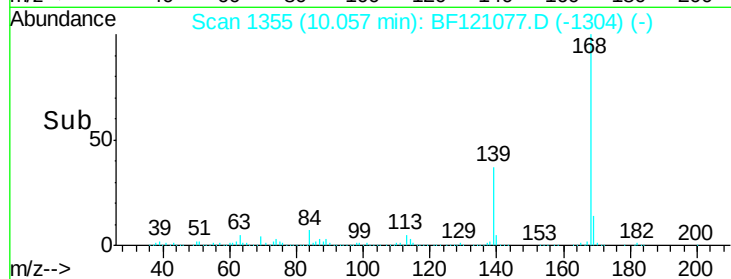
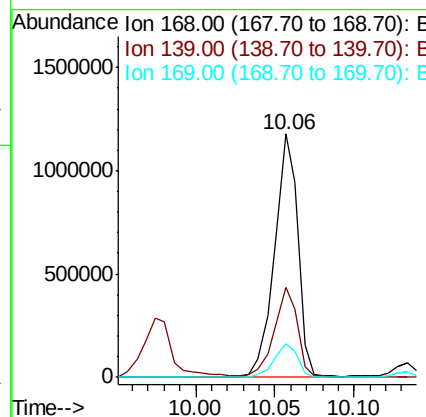
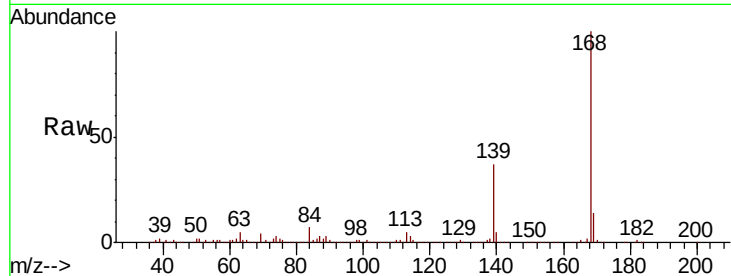
#55
Dibenzofuran
Concen: 41.744 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.7	44.5
169	13.9	11.1	16.7

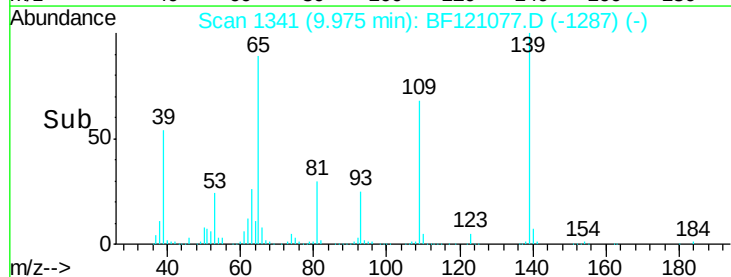
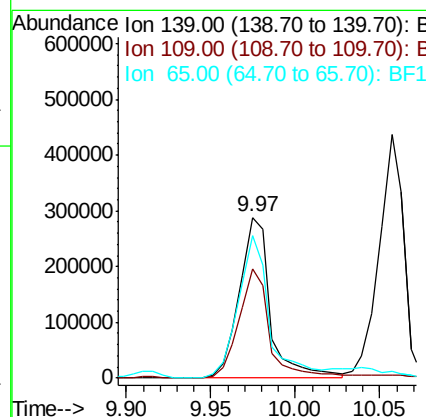
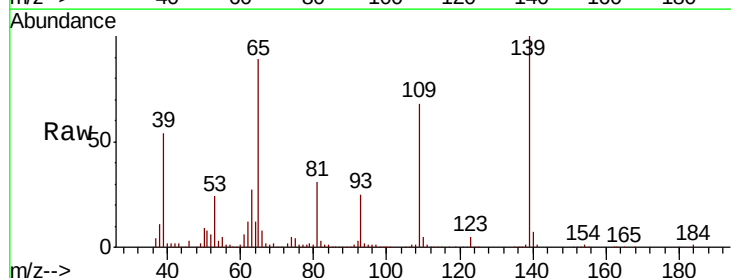
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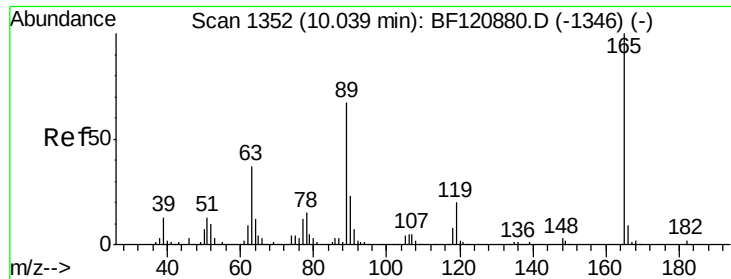
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#56
4-Nitrophenol
Concen: 76.631 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.9	47.3	87.3
65	88.8	67.2	107.2





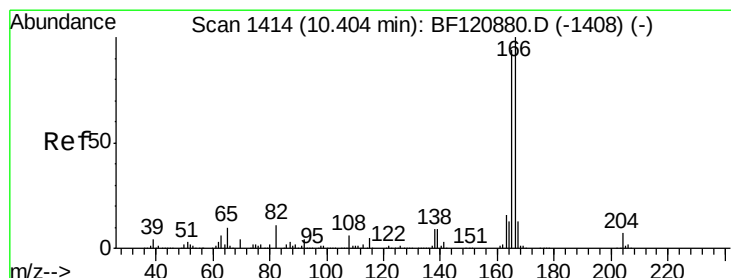
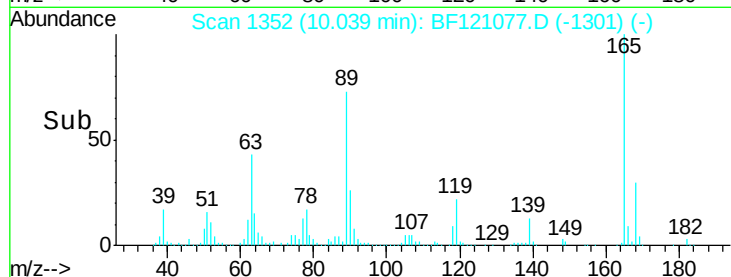
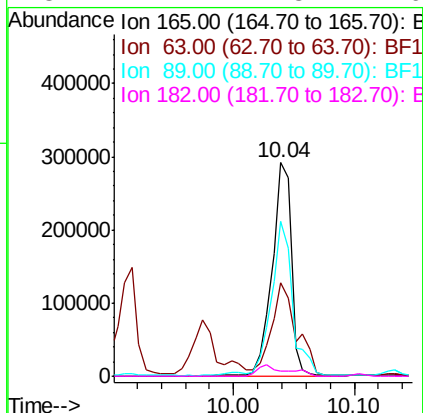
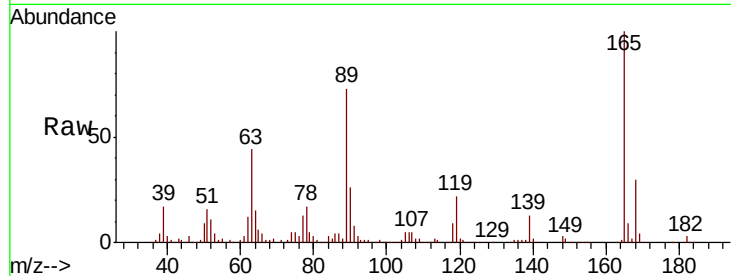
#57
2,4-Dinitrotoluene
Concen: 48.303 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.5	29.4	44.2	
89	72.7	53.4	80.0	
182	2.7	1.8	2.6	

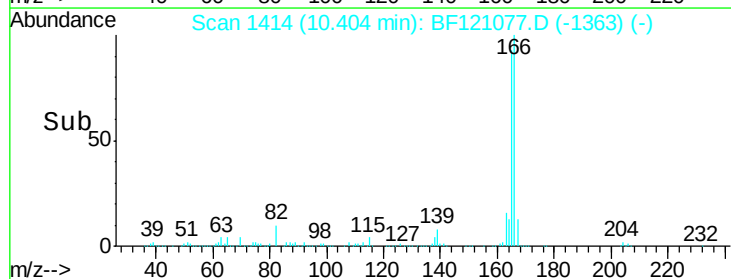
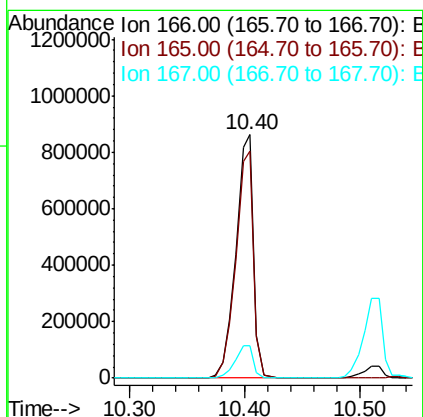
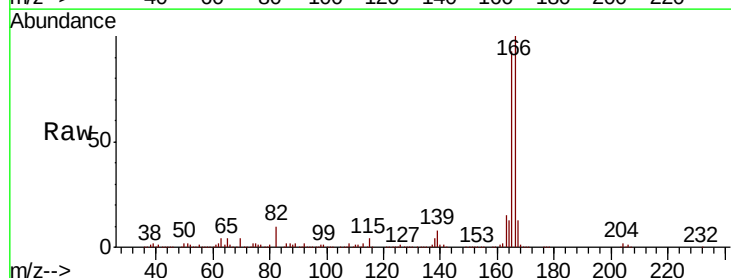
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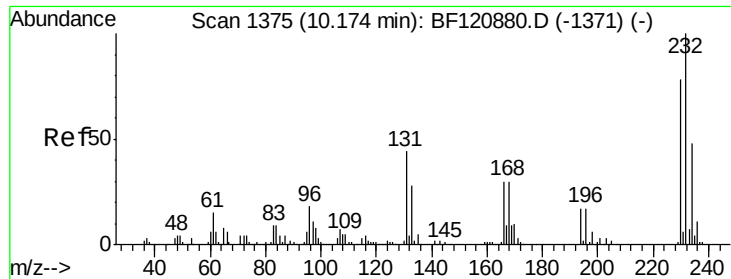
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#58
Fluorene
Concen: 41.824 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.0	75.4	113.0	
167	13.1	10.6	15.8	





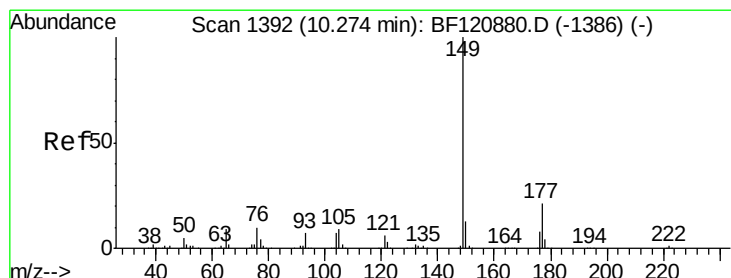
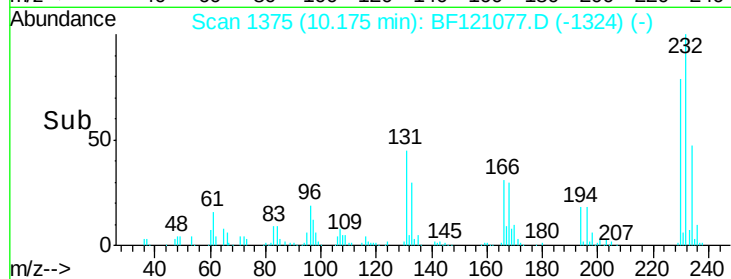
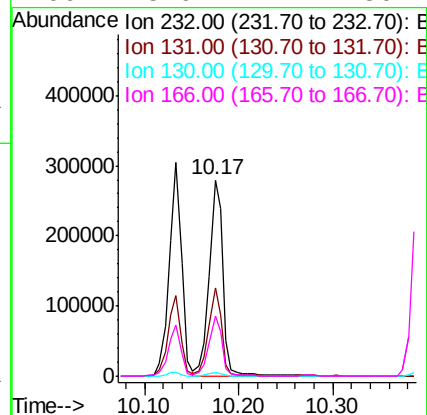
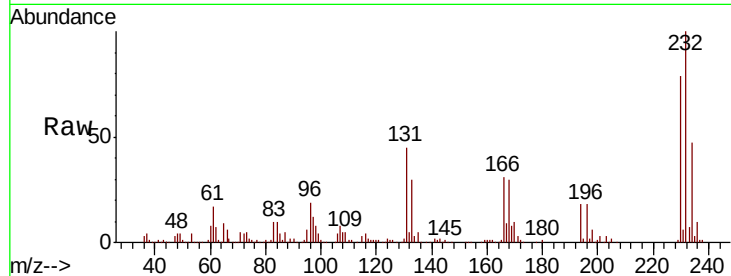
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.251 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	37.1	55.7
130	2.1	1.7	2.5
166	28.9	24.2	36.4

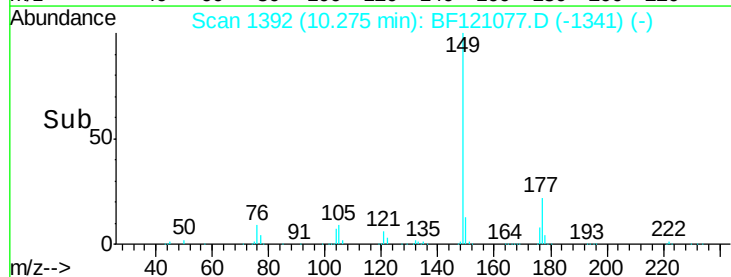
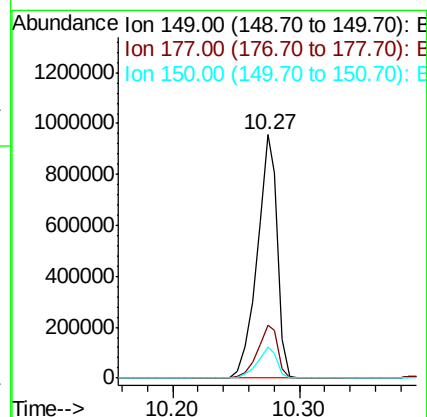
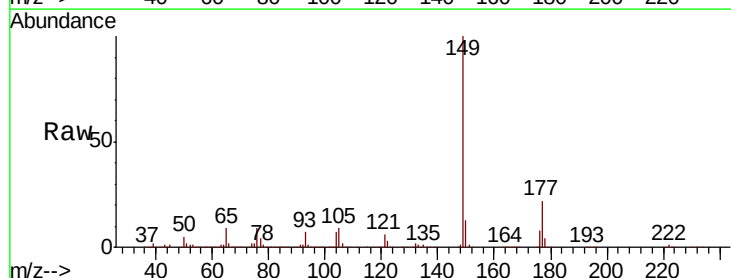
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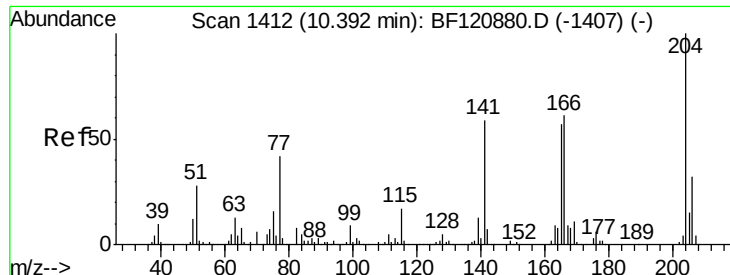
mohammad
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#60
Diethylphthalate
Concen: 44.293 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.6	10.3	15.5





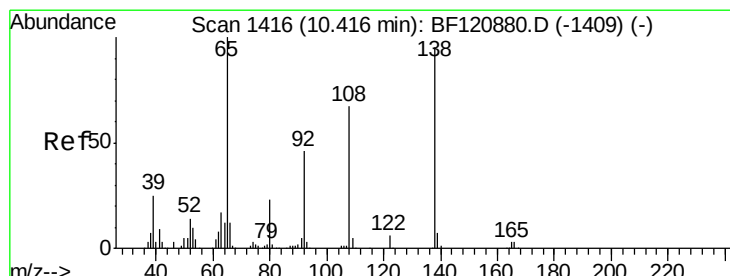
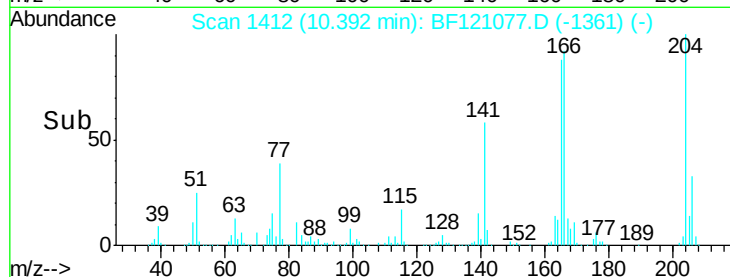
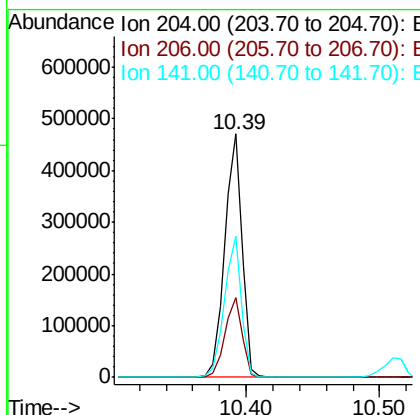
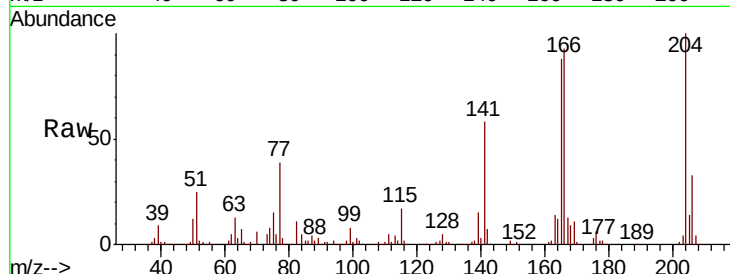
#61
4-Chlorophenyl-phenylether
Concen: 37.504 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	57.9	47.2	70.8

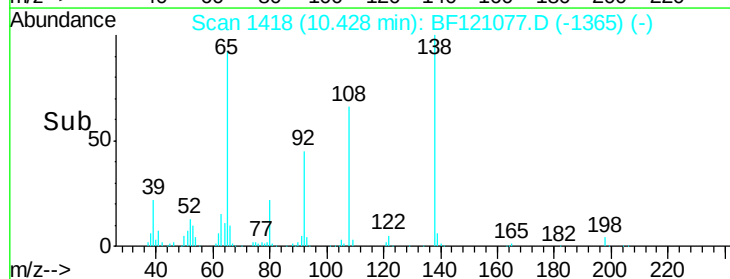
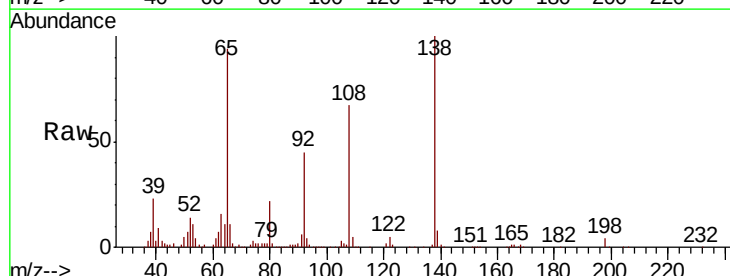
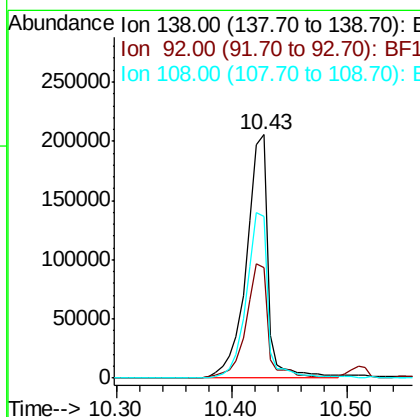
Manual Integrations
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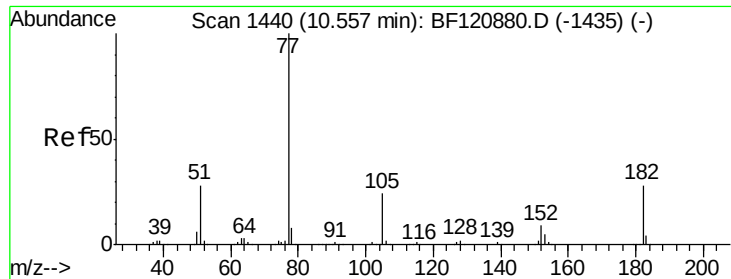
mohammad
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#62
4-Nitroaniline
Concen: 43.353 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.5	28.6	68.6
108	66.5	51.1	91.1





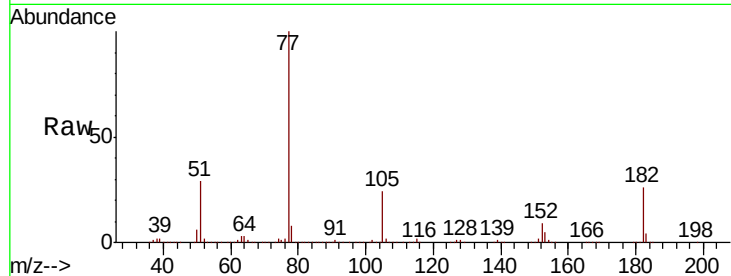
#63
Azobenzene
Concen: 43.317 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

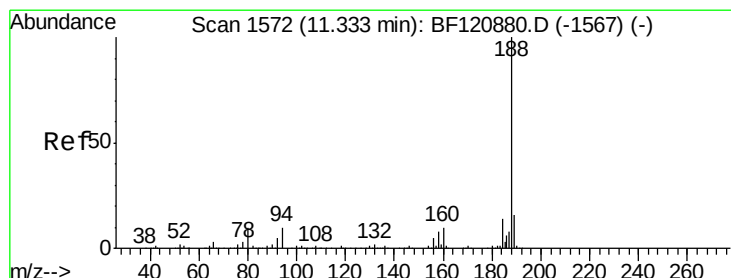
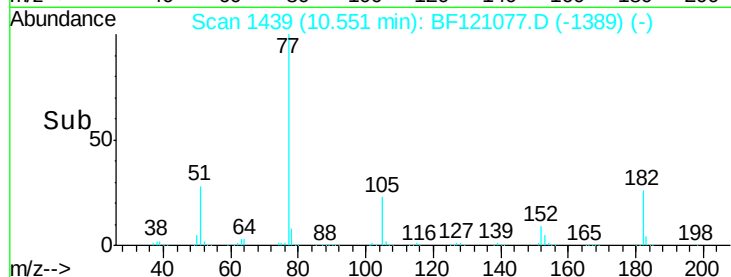
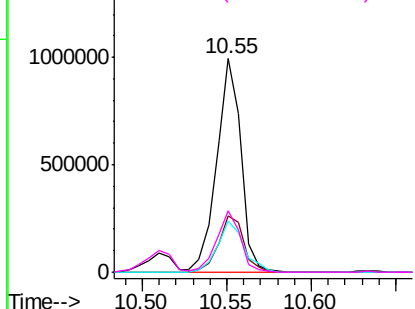
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		985547		
182	26.3	7.8	47.8		
105	23.8	4.4	44.4		
51	28.6	8.0	48.0		

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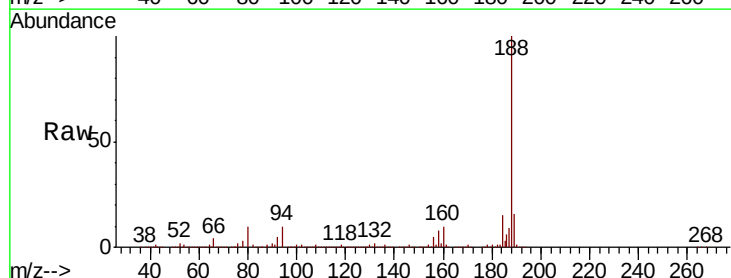


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

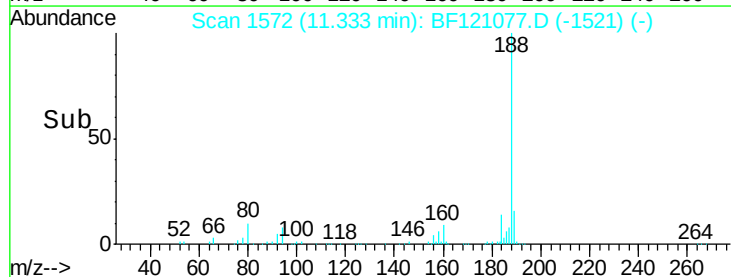
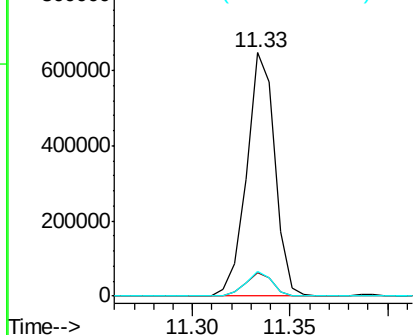


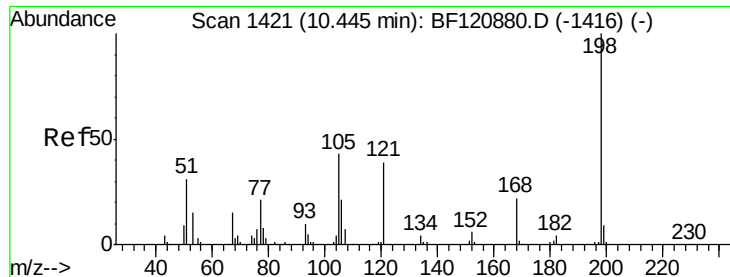
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		647862		
94	9.8	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





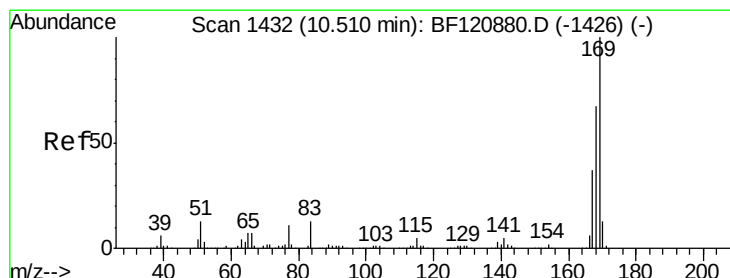
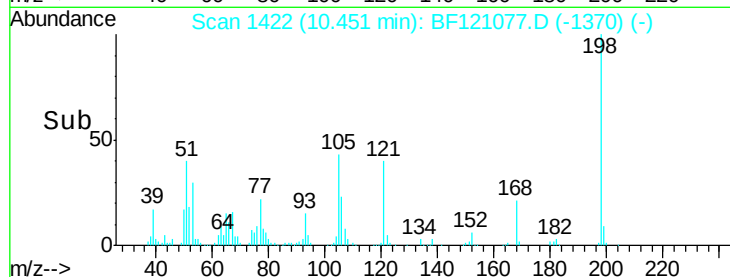
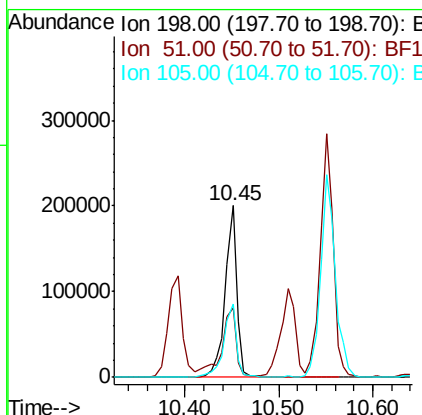
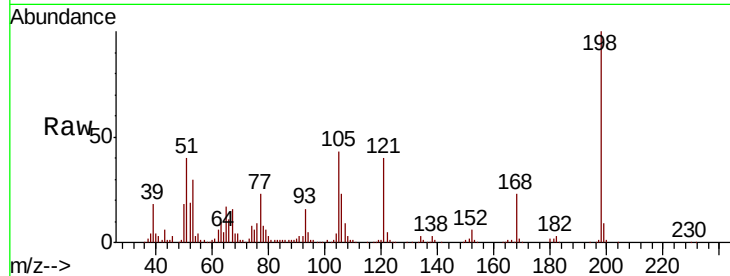
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.546 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.5	19.5	59.5
105	43.1	24.4	64.4

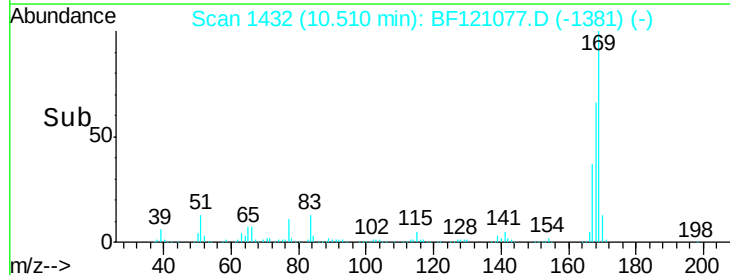
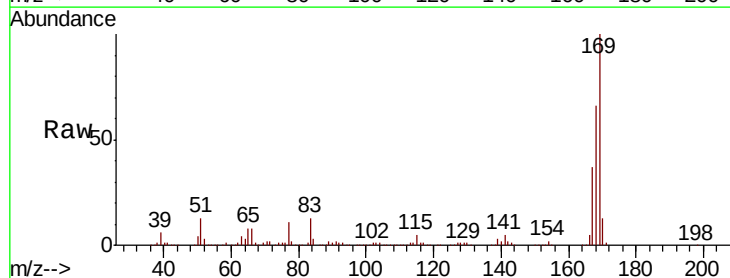
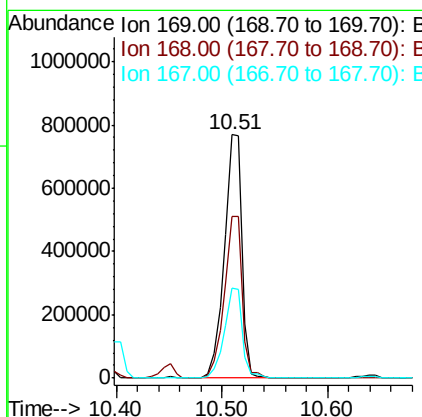
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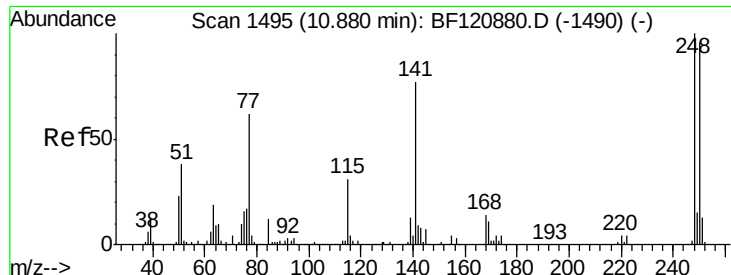
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 43.316 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.4	80.0
167	36.8	29.4	44.0





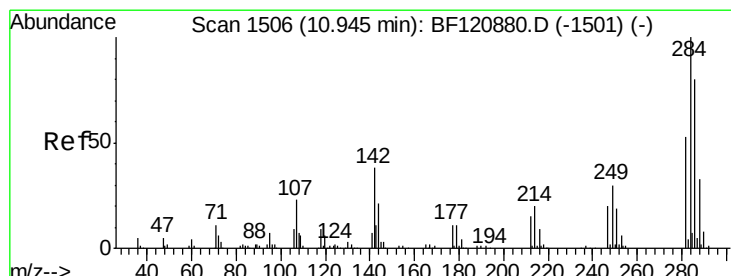
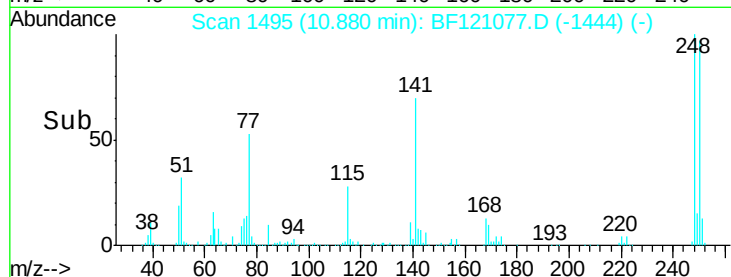
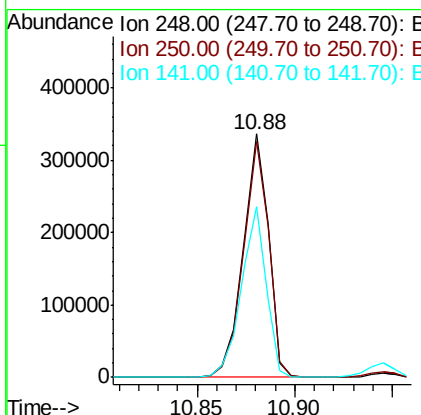
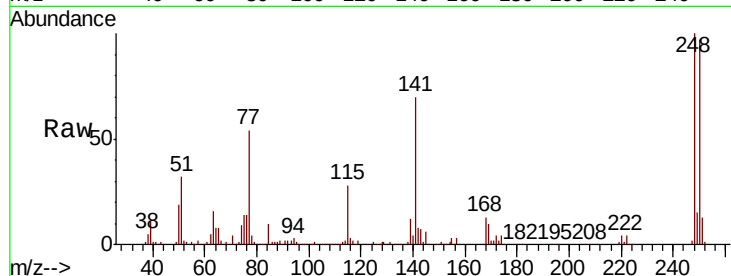
#67
 4-Bromophenyl-phenylether
 Concen: 41.815 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion:	248	Resp:	302034
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.1	115.7
141	70.0	61.2	91.8

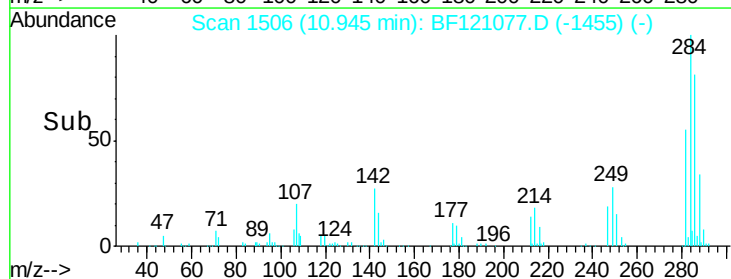
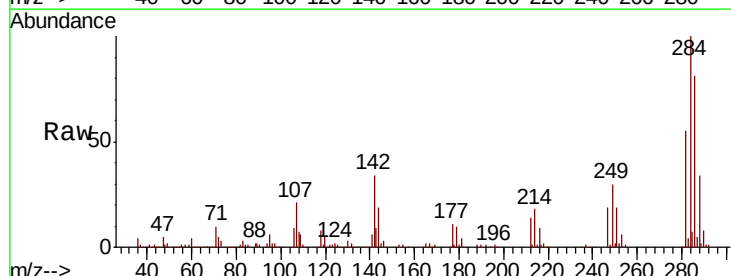
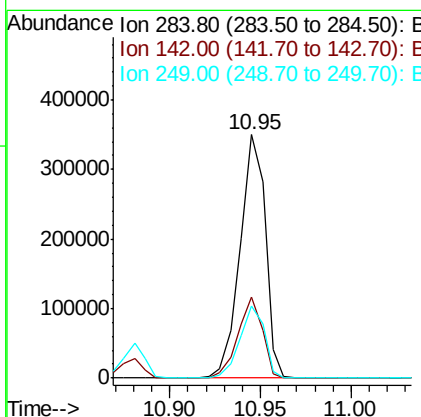
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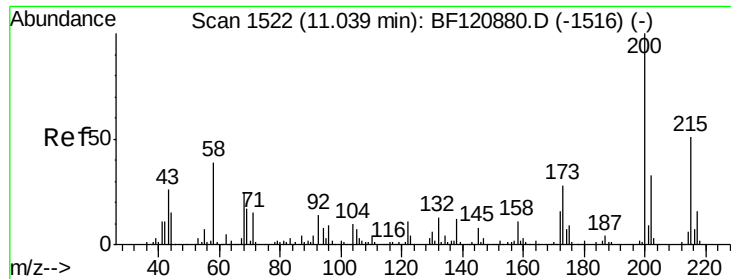
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#68
 Hexachlorobenzene
 Concen: 43.544 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion:	284	Resp:	340233
Ion Ratio	Lower	Upper	
284	100		
142	33.5	30.2	45.2
249	29.8	24.2	36.2





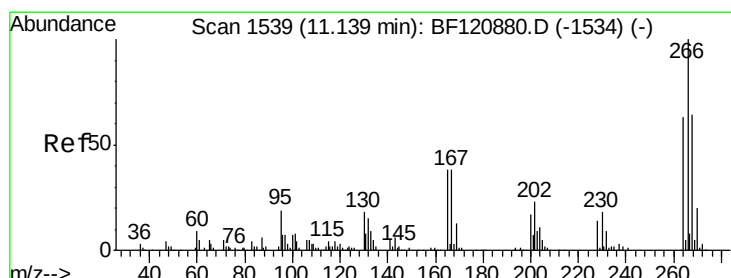
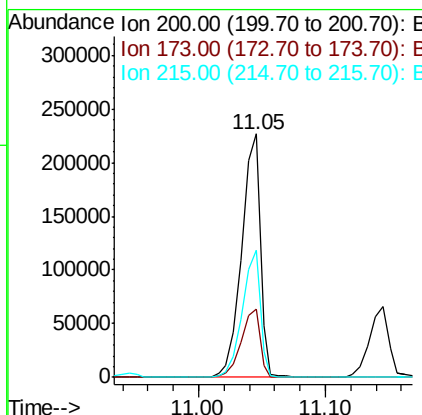
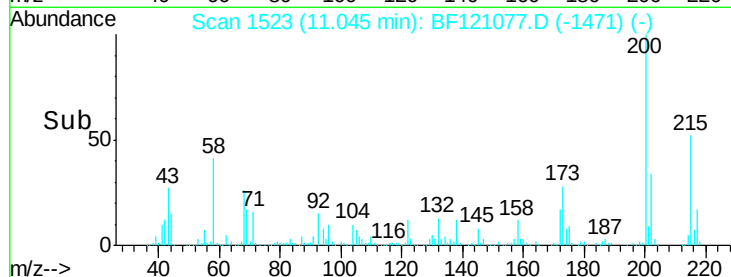
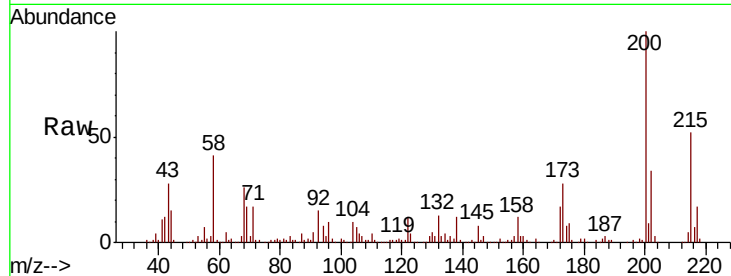
#69
 Atrazine
 Concen: 45.599 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	8.0	48.0
215	52.4	31.5	71.5

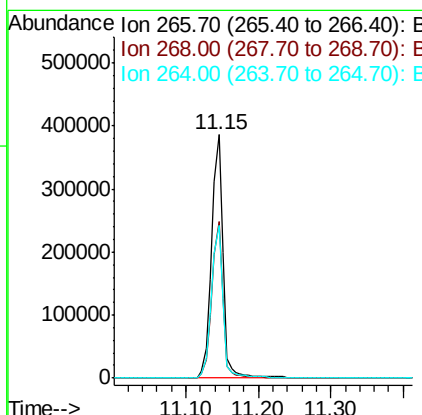
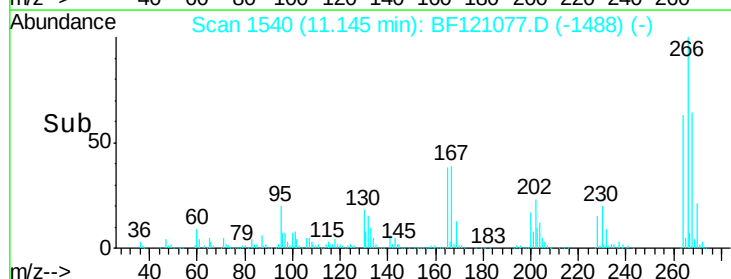
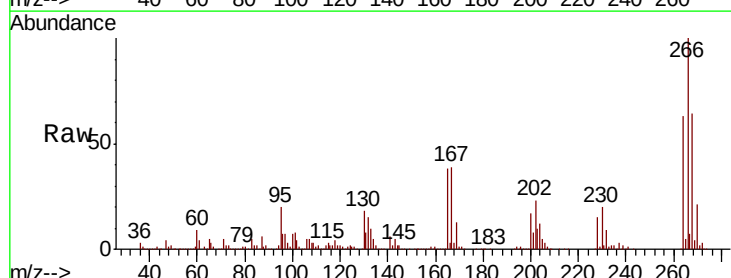
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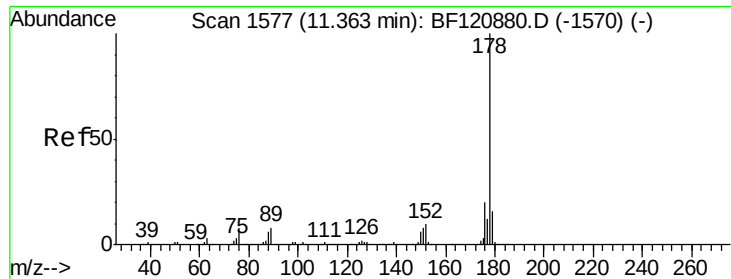
mohammad
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#70
 Pentachlorophenol
 Concen: 96.066 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.2	51.1	76.7
264	62.8	50.2	75.2





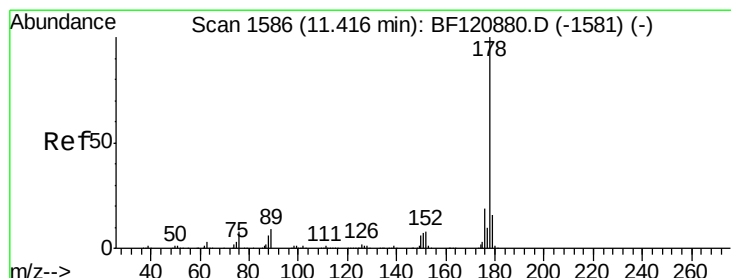
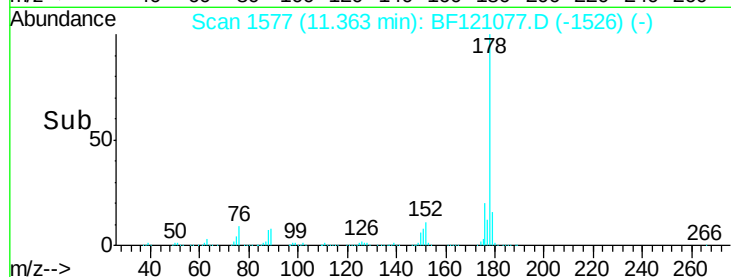
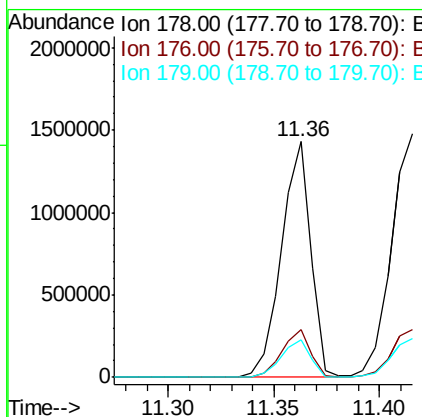
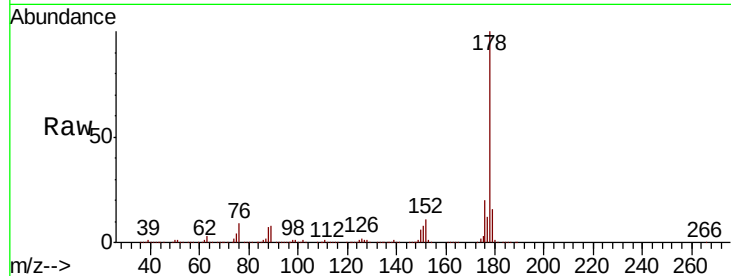
#71
Phenanthrene
Concen: 41.670 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:178 Resp: 1388430
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 15.9 12.8 19.2

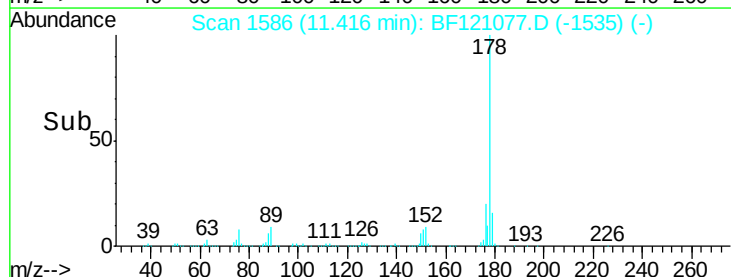
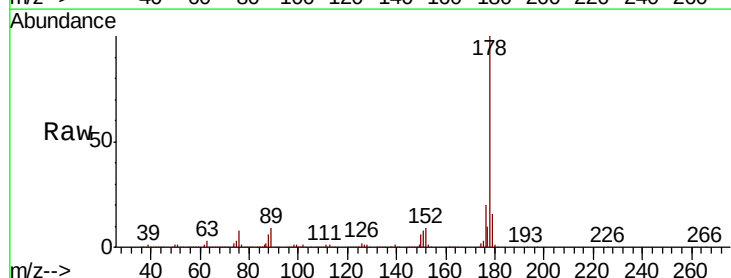
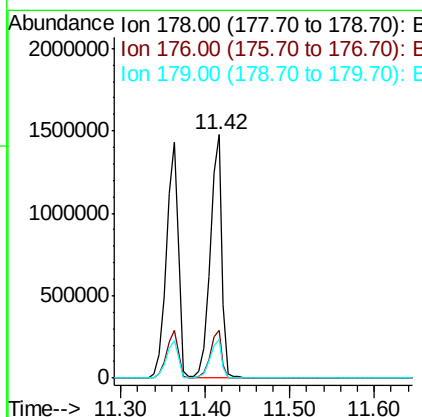
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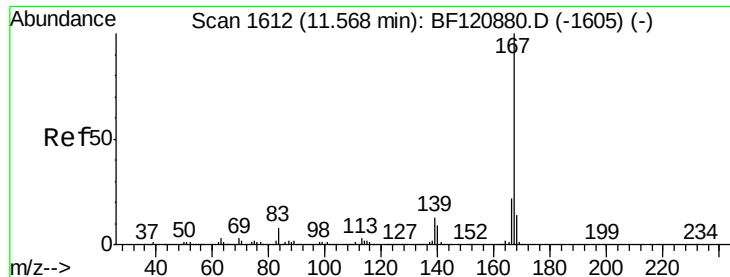
mohammad
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#72
Anthracene
Concen: 43.084 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:178 Resp: 1441488
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.8 19.2





#73

Carbazole

Concen: 42.109 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMS

Tot Ion:167 Resp: 1398184

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

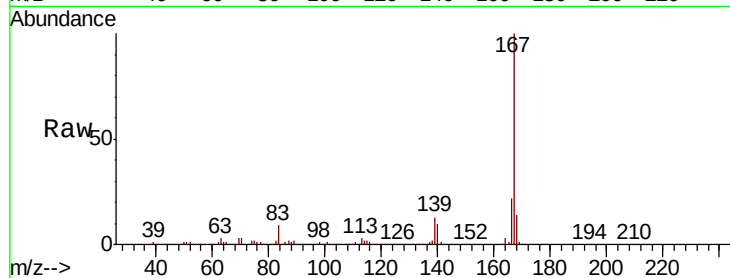
139 13.0 10.1 15.1

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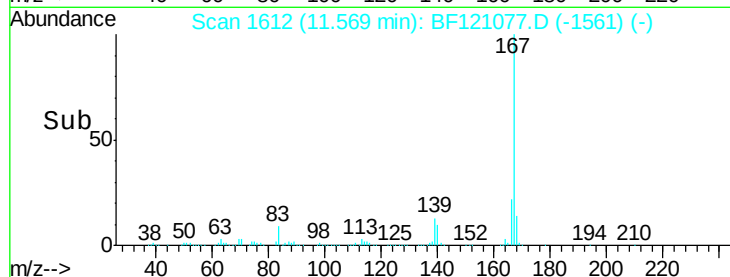


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



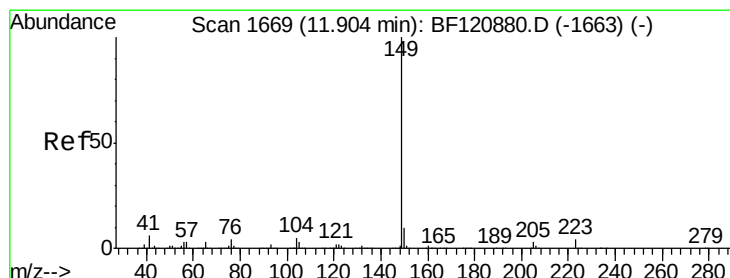
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 44.003 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

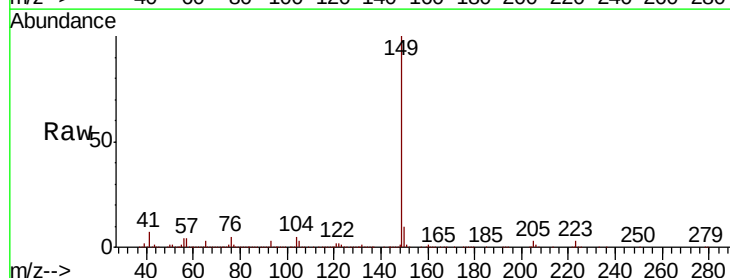
Tgt Ion:149 Resp: 1686067

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.0 3.8 5.6

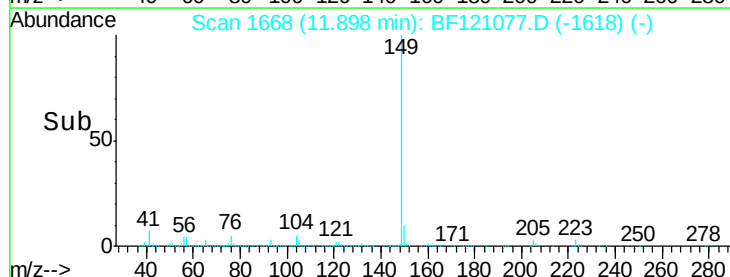


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



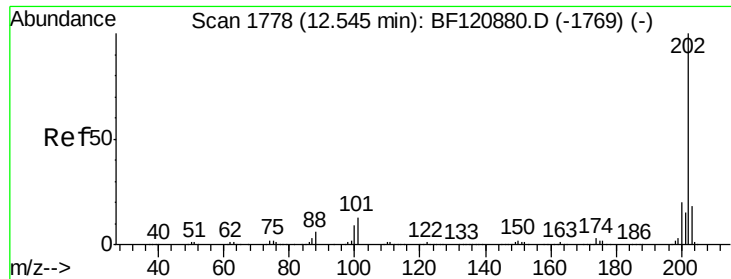
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Fluoranthene

Concen: 43.431 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

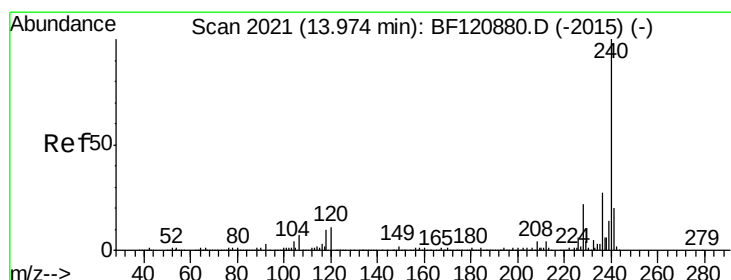
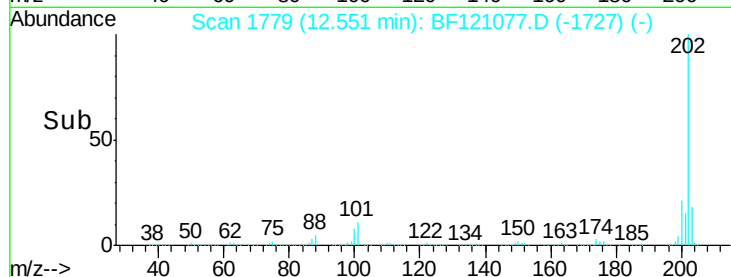
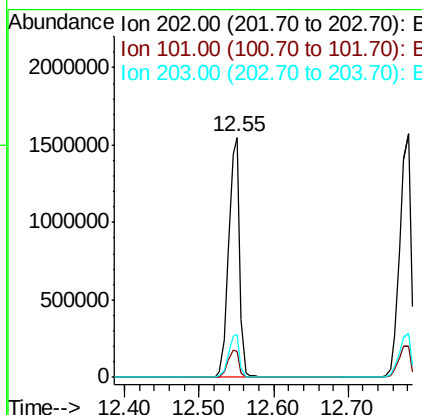
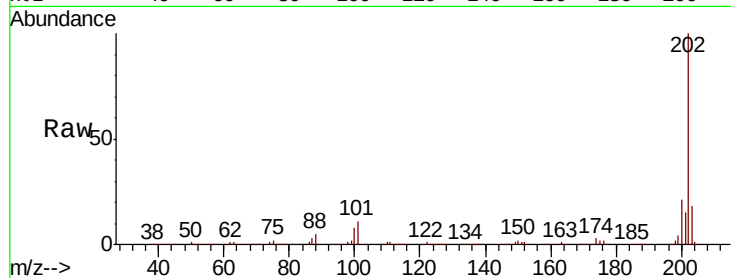
ClientSampleId :

20200438-3001AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.8	0.0	32.7		
203	18.0	0.0	38.0		

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#76

Chrysene-d12

Concen: 20.000 ng

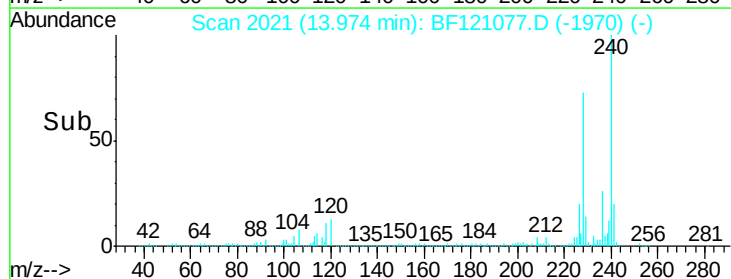
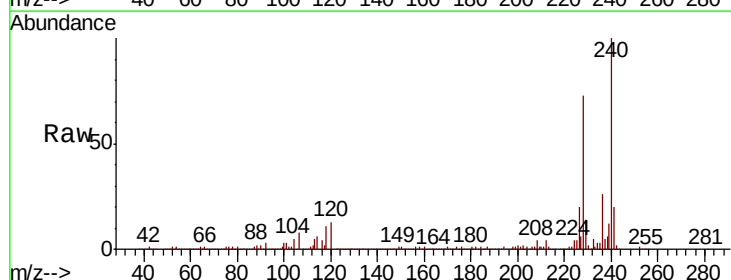
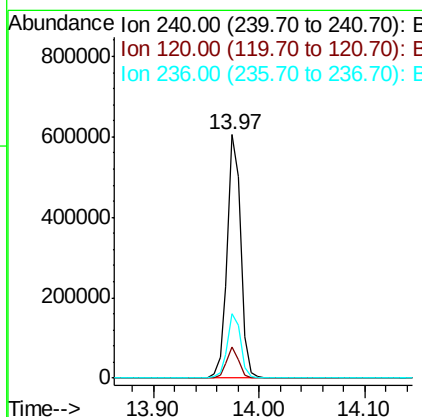
RT: 13.97 min Scan# 2021

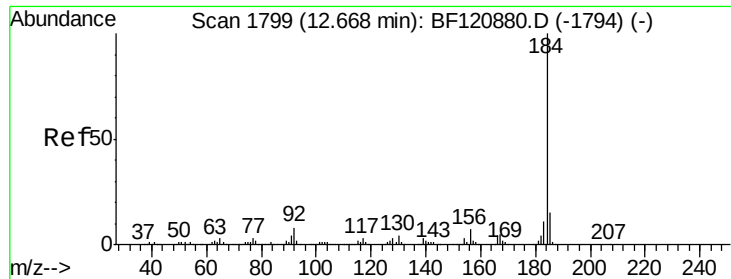
Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.9	9.0	13.4		
236	26.3	21.7	32.5		





#77

Benzidine

Concen: 35.269 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Instrument :

BNA_F

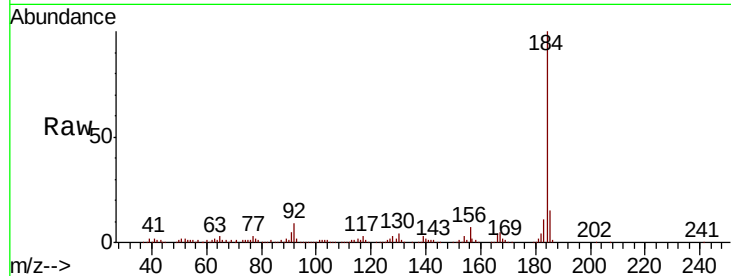
ClientSampleId :

20200438-3001AMS

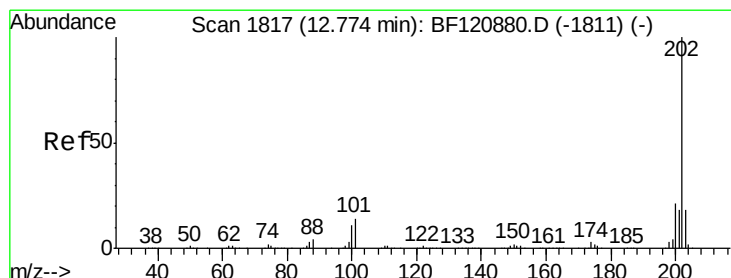
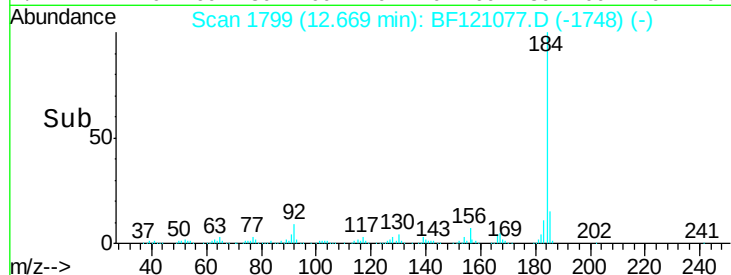
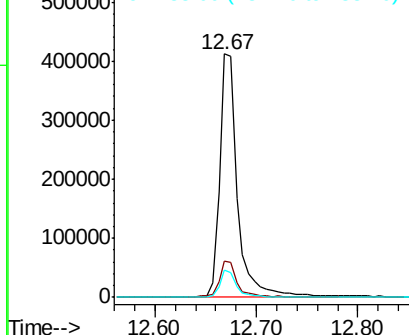
Tot Ion:	184	Resp:	502320
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.2
183	11.0	8.5	12.7

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



#78

Pyrene

Concen: 42.821 ng

RT: 12.78 min Scan# 1818

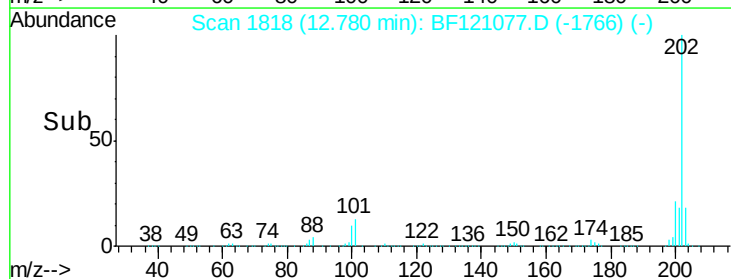
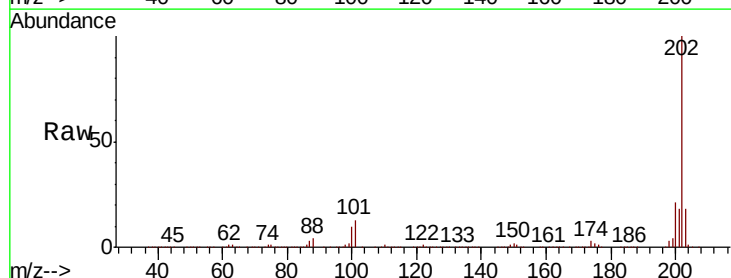
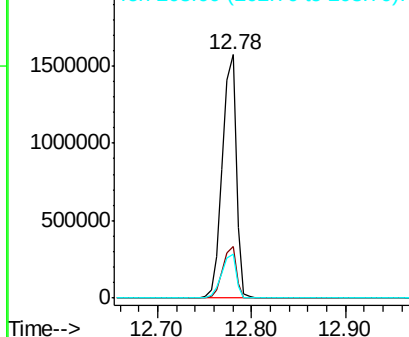
Delta R.T. 0.01 min

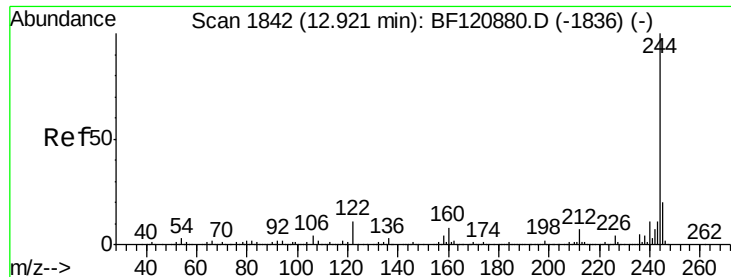
Lab File: BF121077.D

Acq: 28 Jul 2020 19:18

Tgt Ion:	202	Resp:	1640041
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.4
203	18.1	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





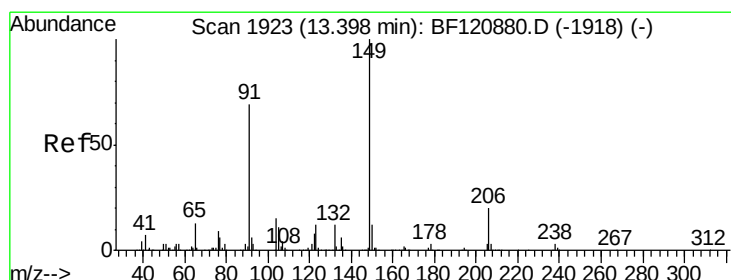
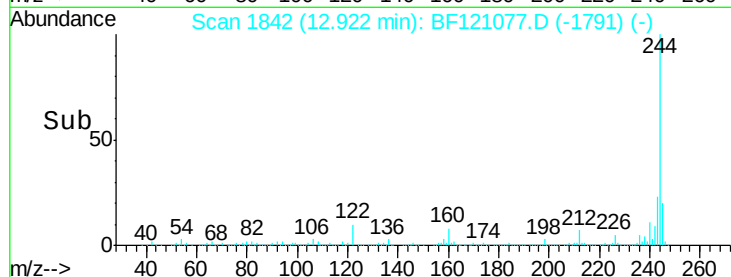
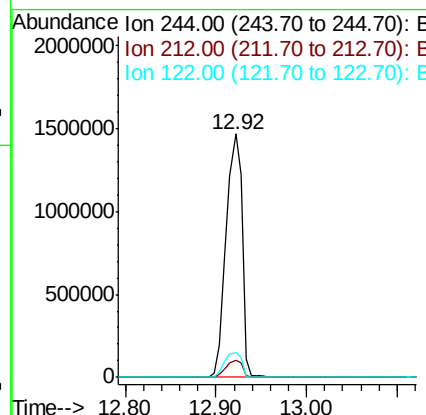
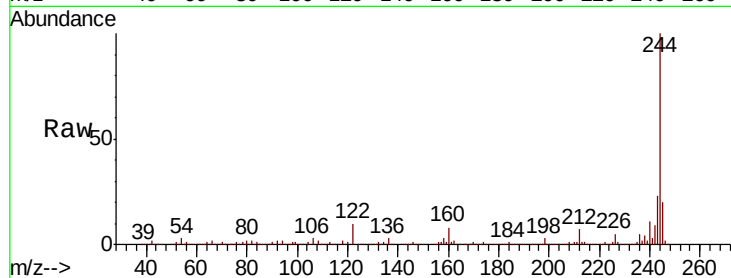
#79
 Terphenyl-d14
 Concen: 71.273 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.2	8.9	13.3

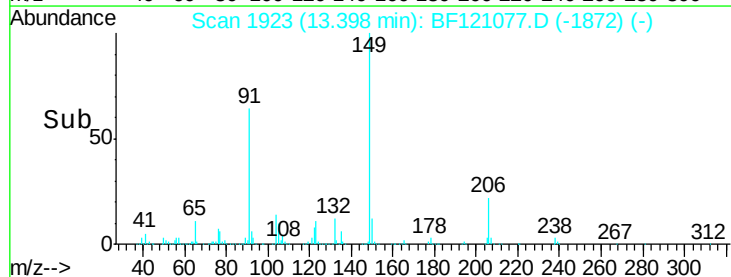
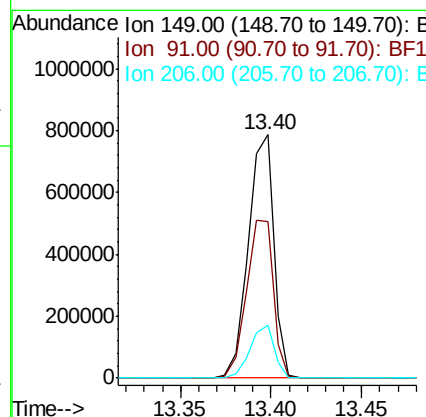
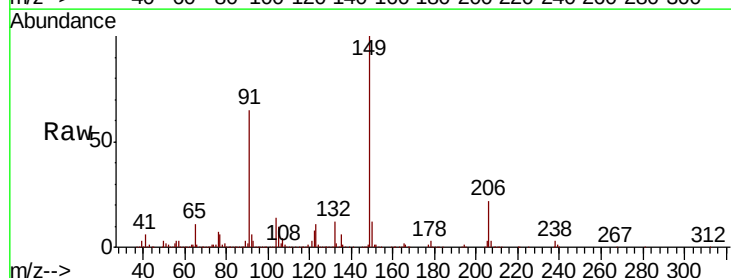
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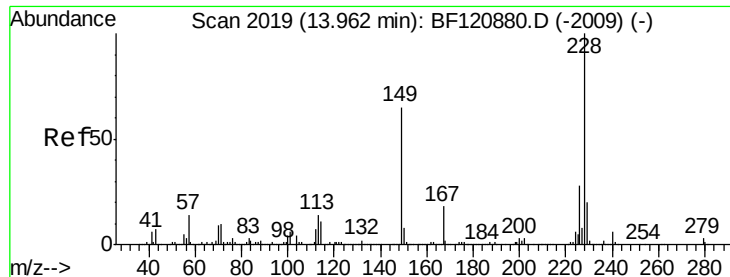
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#80
 Butylbenzylphthalate
 Concen: 45.138 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.6	55.1	82.7
206	22.0	16.1	24.1





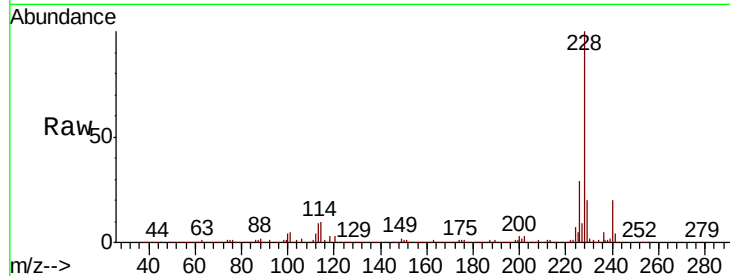
#81
Benzo(a)anthracene
Concen: 41.349 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.2	16.1	24.1

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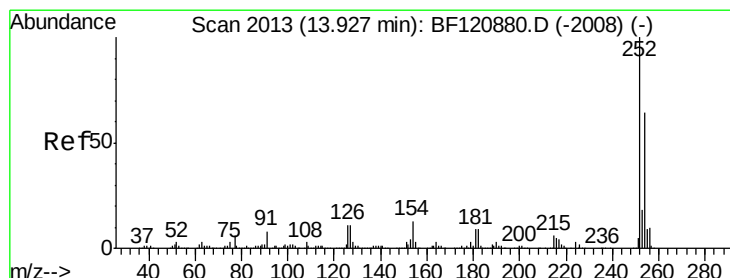
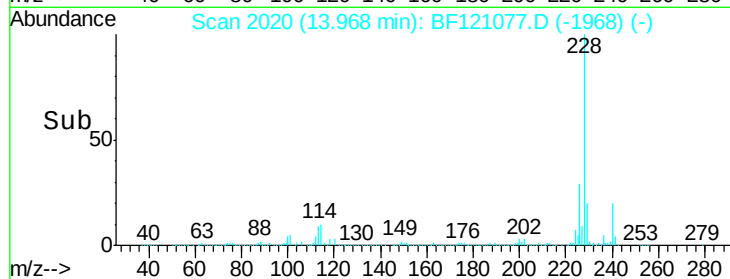
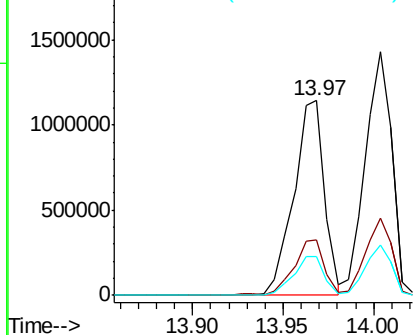


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 38.292 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

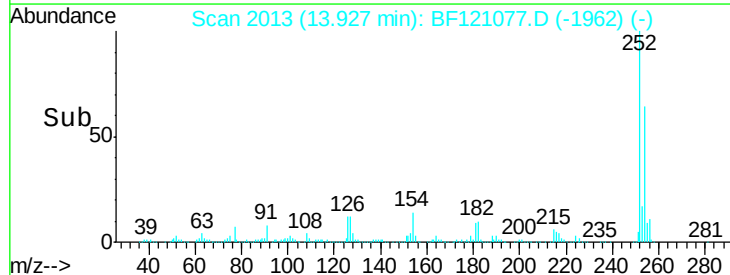
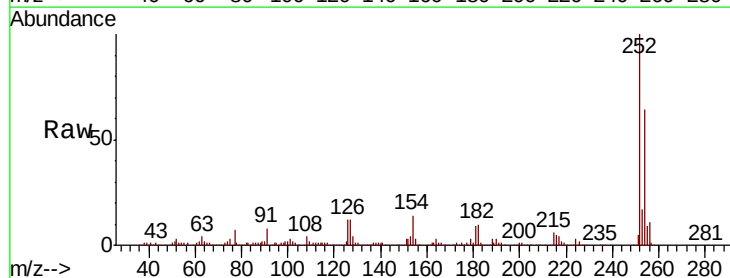
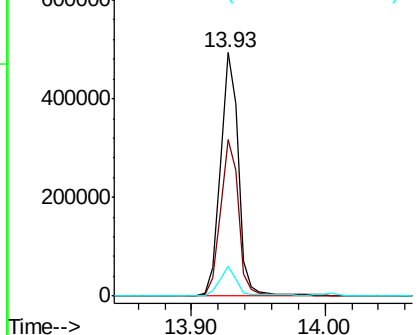
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	12.2	8.7	13.1

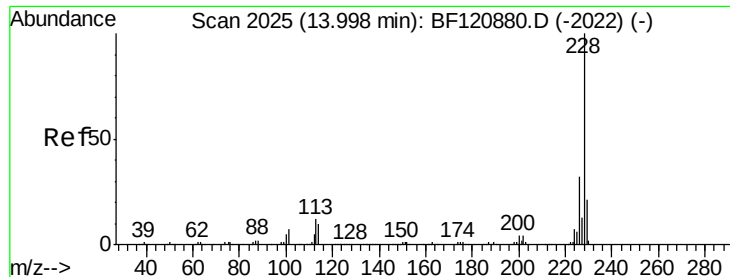
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





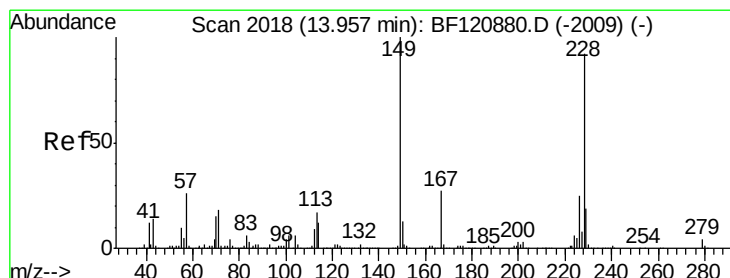
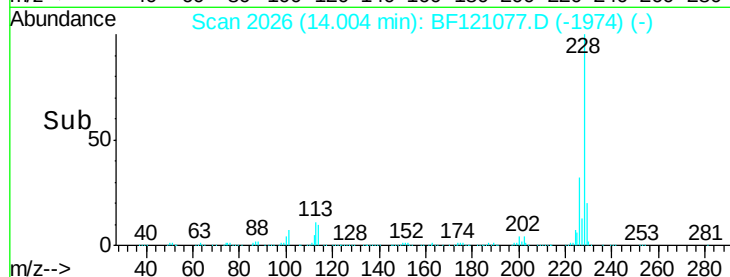
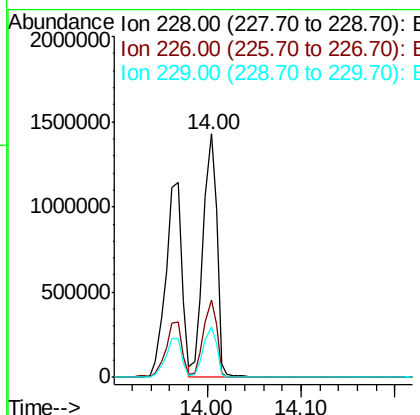
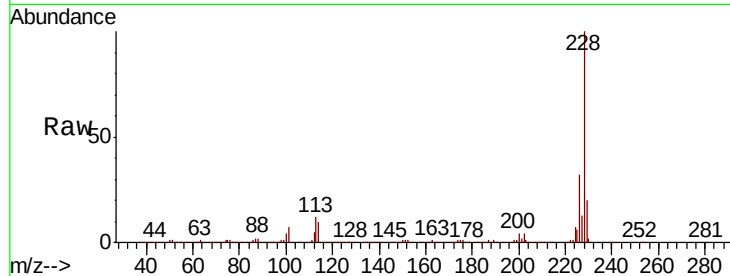
#83
Chrvsene
Concen: 42.824 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion:228 Resp: 1476291
Ion Ratio Lower Upper
228 100
226 31.8 25.6 38.4
229 20.5 16.8 25.2

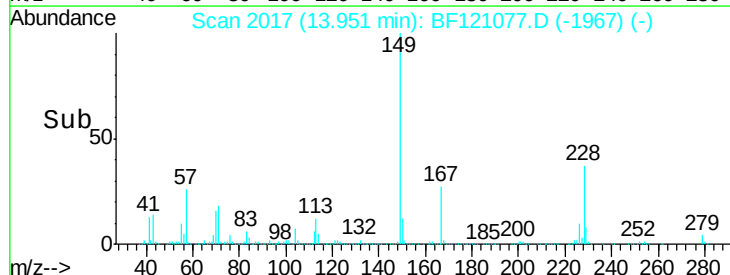
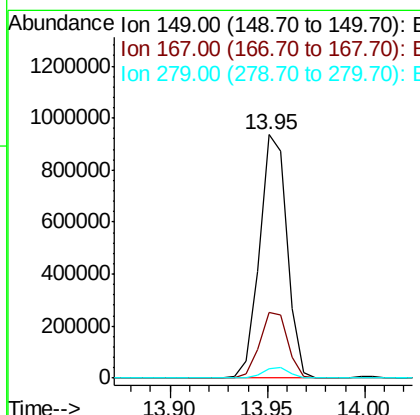
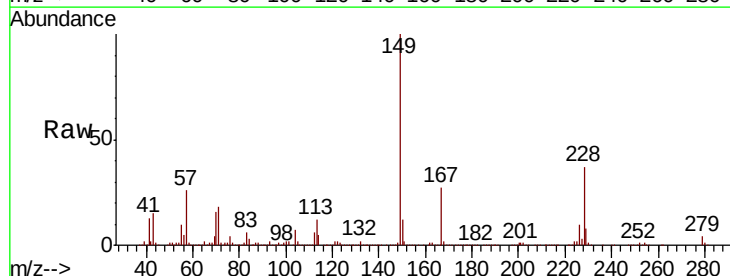
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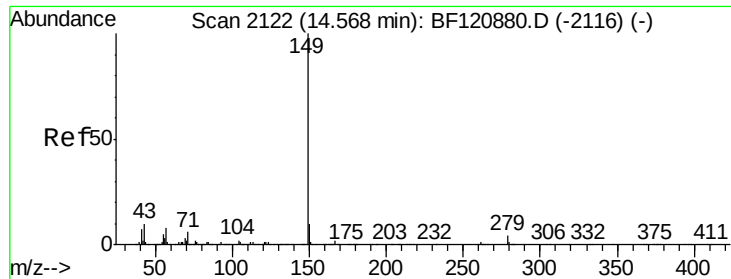
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.465 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion:149 Resp: 915098
Ion Ratio Lower Upper
149 100
167 27.1 21.9 32.9
279 3.8 3.0 4.4





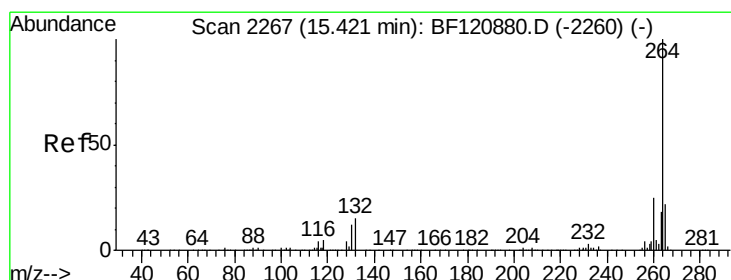
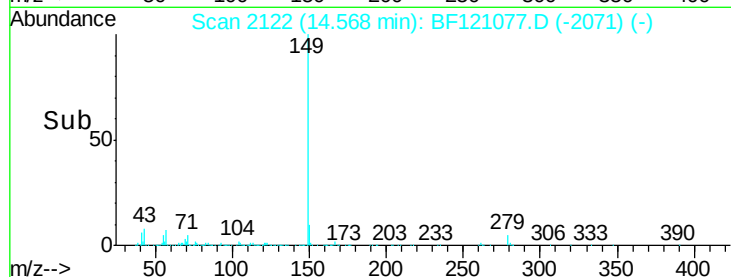
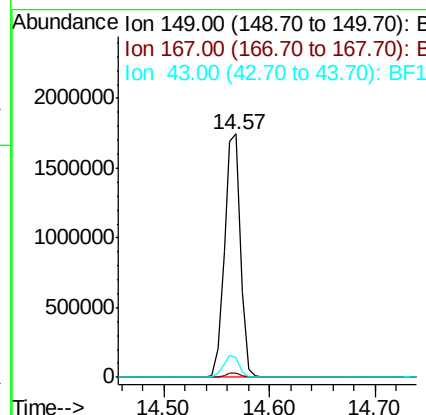
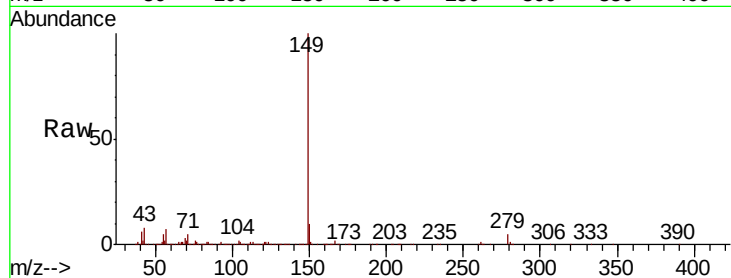
#85
Di-n-octyl phthalate
Concen: 44.387 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

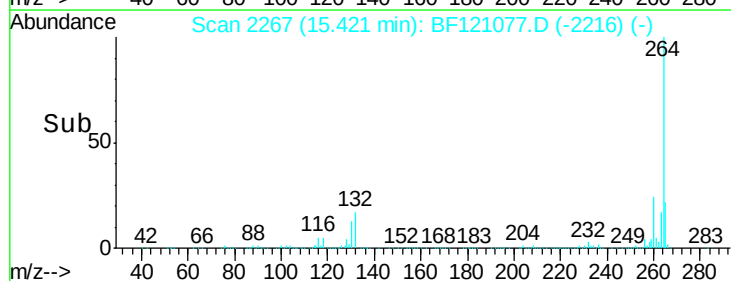
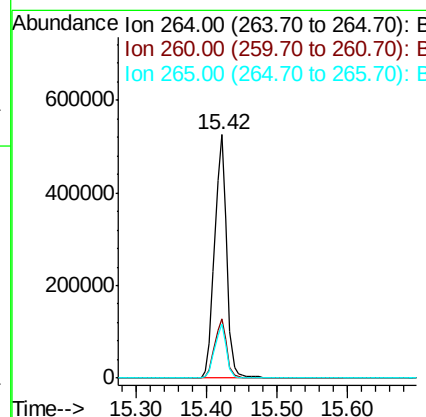
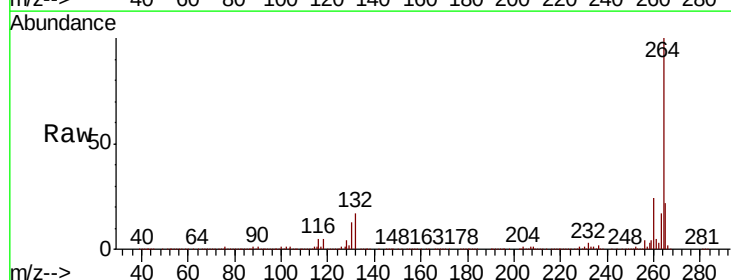
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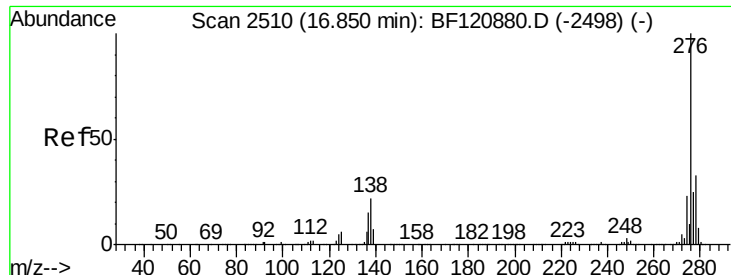
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	22.0	17.4	26.2





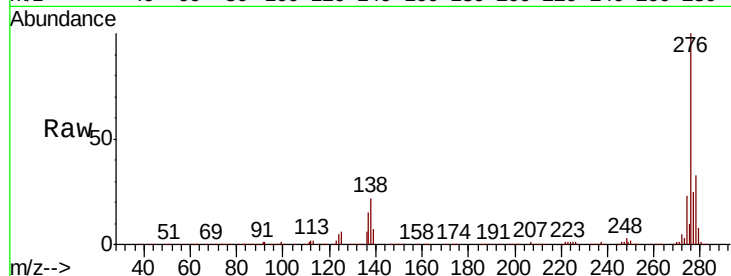
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.458 ng
 RT: 16.86 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMS

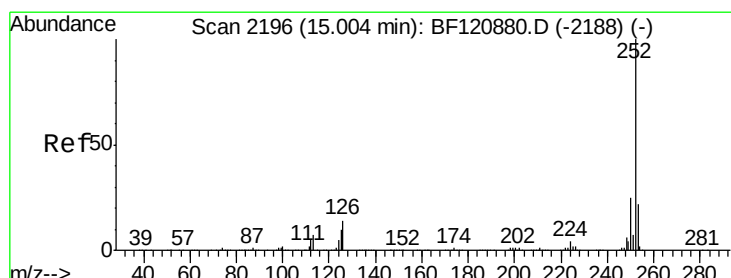
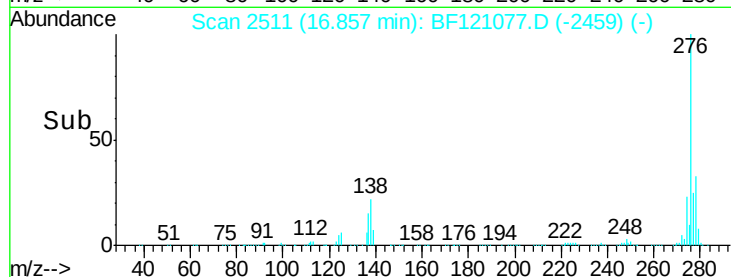
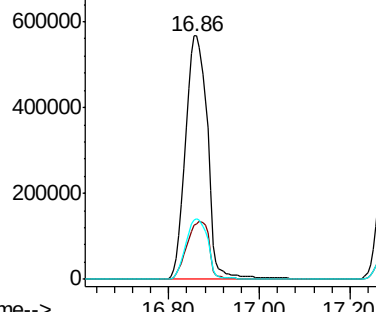
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.8
277	25.1	20.2	30.2

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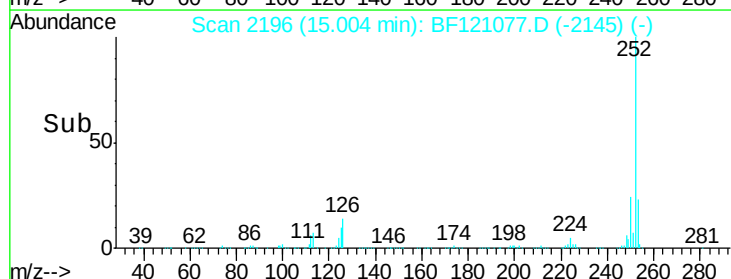
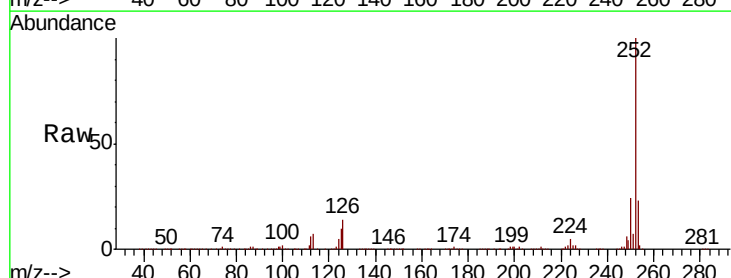
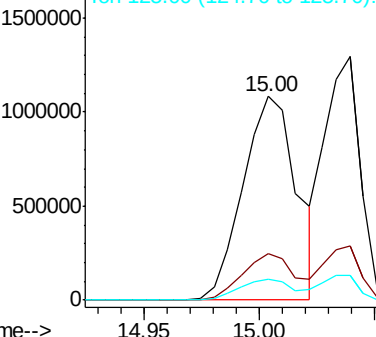
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

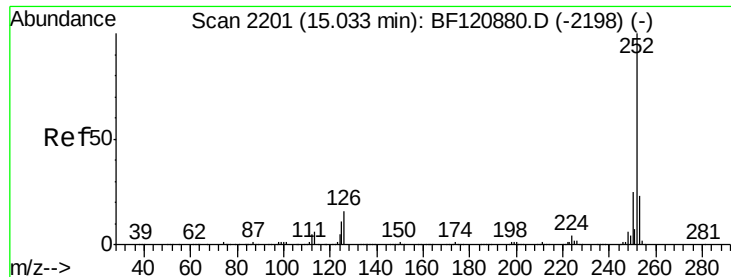


#88
 Benzo(b)fluoranthene
 Concen: 45.933 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF121077.D
 Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	10.5	8.3	12.5

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





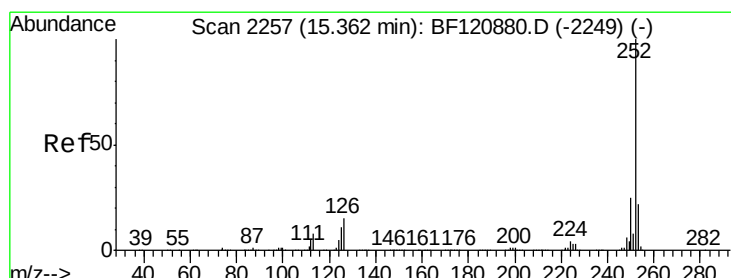
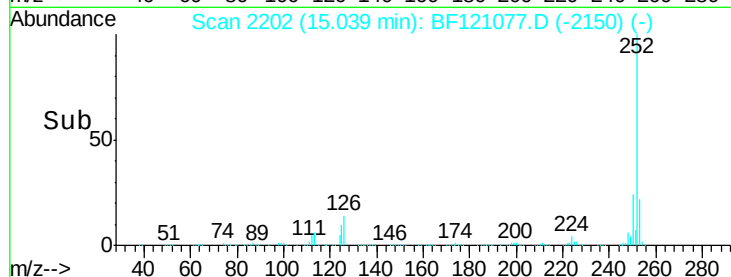
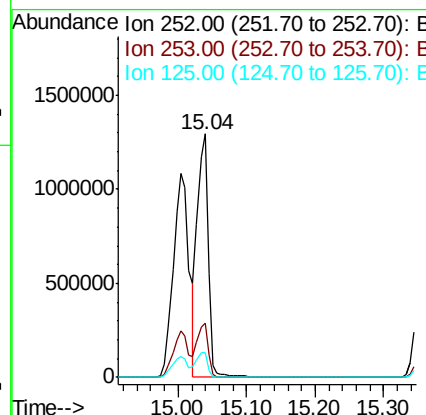
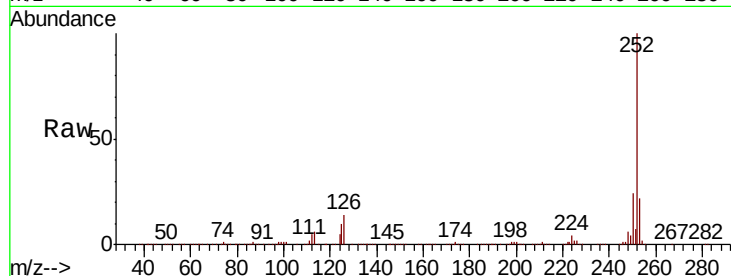
#89
Benzo(k)fluoranthene
Concen: 40.807 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	18.2	27.2	
125	10.0	8.4	12.6	

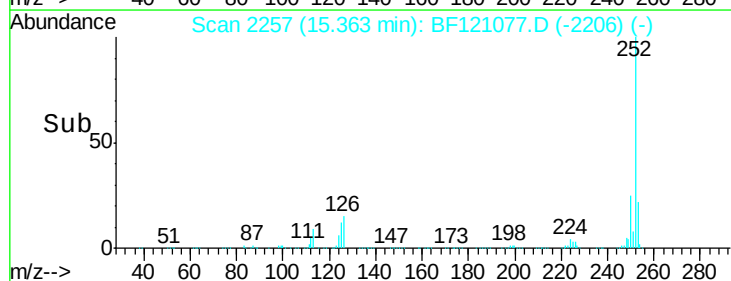
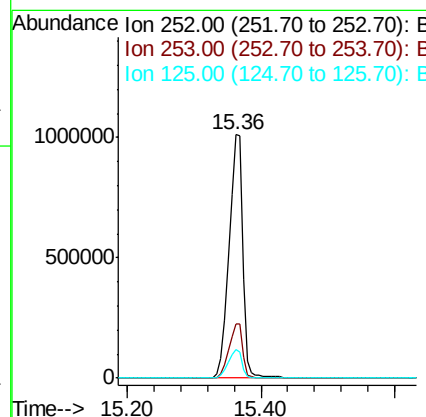
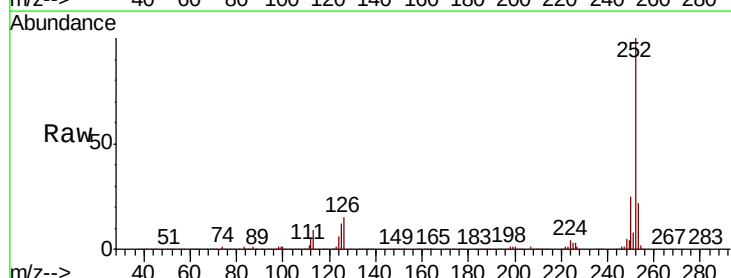
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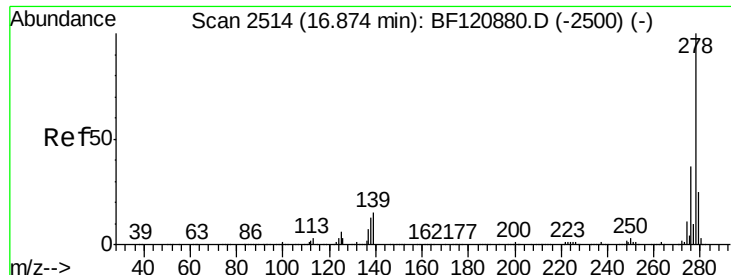
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#90
Benzo(a)pyrene
Concen: 42.624 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	17.8	26.8	
125	11.7	8.9	13.3	





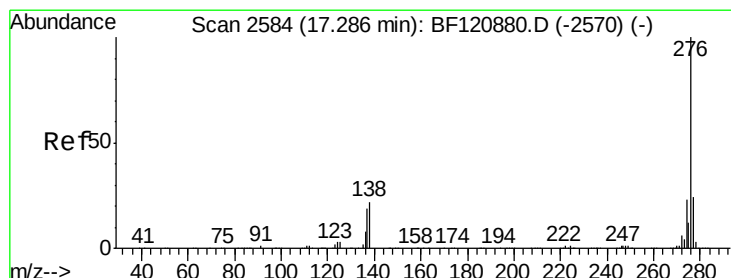
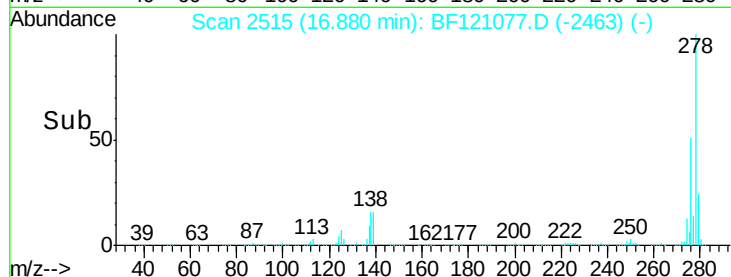
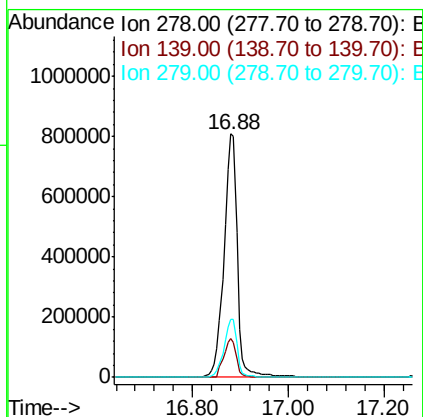
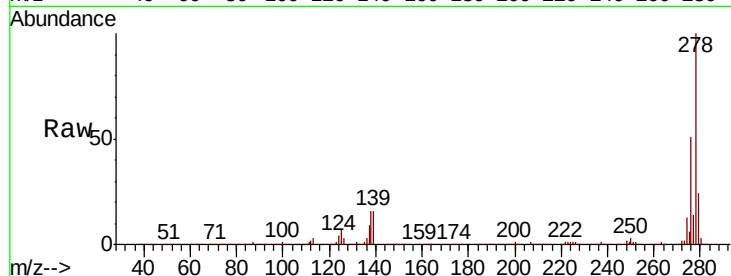
#91
Dibenzo(a,h)anthracene
Concen: 43.755 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.0	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 45.047 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF121077.D
Acq: 28 Jul 2020 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	20.7	17.5	26.3

