

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121078.D
 Acq On : 28 Jul 2020 19:50
 Operator : JU/CG
 Sample : L3439-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

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

Quant Time: Jul 29 09:37:50 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	155311	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	613812	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333899	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	661920	20.00	ng	0.00
76) Chrysene-d12	13.97	240	549013	20.00	ng	0.00
86) Perylene-d12	15.42	264	644766	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1053415	111.19	ng	0.02
7) Phenol-d6	6.45	99	1198030	97.90	ng	0.00
23) Nitrobenzene-d5	7.38	82	906193	85.43	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	468163	128.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1696349	75.85	ng	0.00
79) Terphenyl-d14	12.92	244	1822776	72.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	163981	37.609	ng	# 85
3) Pyridine	3.41	79	314623	27.125	ng	98
4) n-Nitrosodimethylamine	3.33	42	196351	39.588	ng	95
6) Aniline	6.47	93	379747m	23.772	ng	
8) 2-Chlorophenol	6.60	128	474374	45.452	ng	100
9) Benzaldehyde	6.36	77	208421	33.679	ng	99
10) Phenol	6.47	94	517276	38.425	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	510696	49.500	ng	98
12) 1,3-Dichlorobenzene	6.76	146	478377	42.270	ng	97
13) 1,4-Dichlorobenzene	6.83	146	478988	42.564	ng	98
14) 1,2-Dichlorobenzene	6.98	146	459168	43.130	ng	99
15) Benzyl Alcohol	6.96	79	381948	44.133	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	616032	41.426	ng	97
17) 2-Methylphenol	7.07	107	369664	39.962	ng	99
18) Hexachloroethane	7.33	117	177017	43.461	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	292843	42.082	ng	99
20) 3+4-Methylphenols	7.23	107	406458	34.541	ng	# 82
22) Acetophenone	7.22	105	590801	42.887	ng	# 95
24) Nitrobenzene	7.40	77	472484	41.325	ng	98
25) Isophorone	7.64	82	864076	40.814	ng	100
26) 2-Nitrophenol	7.71	139	256536	47.244	ng	95
27) 2,4-Dimethylphenol	7.75	122	413049	46.851	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	574978	44.491	ng	99
29) 2,4-Dichlorophenol	7.96	162	402044	44.627	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	422115	42.232	ng	99
31) Naphthalene	8.12	128	1319996	41.924	ng	99
32) Benzoic acid	7.89	122	347253	52.470	ng	97
33) 4-Chloroaniline	8.17	127	262825	18.712	ng	99
34) Hexachlorobutadiene	8.23	225	238004	40.393	ng	99
35) Caprolactam	8.56	113	102220m	35.382	ng	
36) 4-Chloro-3-methylphenol	8.66	107	426607	46.172	ng	97
37) 2-Methylnaphthalene	8.81	142	920153	45.009	ng	99
38) 1-Methylnaphthalene	8.91	142	859967	44.415	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	405904	41.724	ng	99

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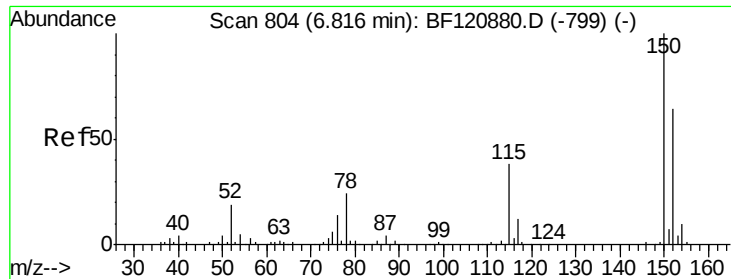
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	439098	81.667	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	300237	43.832	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	335454	43.174	nq	99
46) 1,1'-Biphenyl	9.27	154	1130298	44.378	nq	100
47) 2-Chloronaphthalene	9.30	162	862894	41.554	nq	98
48) 2-Nitroaniline	9.40	65	282674	45.044	nq	92
49) Acenaphthylene	9.72	152	1392805	43.175	nq	100
50) Dimethylphthalate	9.58	163	1307224	54.267	nq	99
51) 2,6-Dinitrotoluene	9.64	165	237888	45.967	nq	91
52) Acenaphthene	9.89	154	970159m	47.302	nq	
53) 3-Nitroaniline	9.81	138	190108	29.289	nq	94
54) 2,4-Dinitrophenol	9.92	184	279338	92.597	nq	# 87
55) Dibenzofuran	10.06	168	1226817	41.364	nq	99
56) 4-Nitrophenol	9.98	139	382547	77.588	nq	93
57) 2,4-Dinitrotoluene	10.04	165	328872	48.391	nq	90
58) Fluorene	10.40	166	922795	41.716	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	290016	49.024	nq	96
60) Diethylphthalate	10.27	149	1079140	44.290	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	441879	37.452	nq	97
62) 4-Nitroaniline	10.43	138	268806	42.515	nq	97
63) Azobenzene	10.55	77	1000567	43.135	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	180723	47.241	nq	97
66) n-Nitrosodiphenylamine	10.52	169	896806	43.069	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	309058	41.878	nq	95
68) Hexachlorobenzene	10.95	284	346448	43.398	nq	96
69) Atrazine	11.05	200	232662	45.117	nq	100
70) Pentachlorophenol	11.14	266	435828	95.296	nq	99
71) Phenanthrene	11.36	178	1404807	41.266	nq	100
72) Anthracene	11.42	178	1470734	43.024	nq	99
73) Carbazole	11.57	167	1436443	42.343	nq	99
74) Di-n-butylphthalate	11.90	149	1720720	43.954	nq	99
75) Fluoranthene	12.55	202	1619200	42.911	nq	98
77) Benzidine	12.67	184	646185	44.767	nq	99
78) Pyrene	12.78	202	1653576	42.601	nq	99
80) Butylbenzylphthalate	13.40	149	783253	45.266	nq	95
81) Benzo(a)anthracene	13.97	228	1436374	43.205	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	496463	39.582	nq	99
83) Chrysene	14.00	228	1479665	42.352	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	944956	44.287	nq	99
85) Di-n-octyl phthalate	14.57	149	1888153	44.479	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1942554	43.321	nq	99
88) Benzo(b)fluoranthene	15.01	252	1755353	45.039	nq	98
89) Benzo(k)fluoranthene	15.04	252	1473564	41.458	nq	99
90) Benzo(a)pyrene	15.37	252	1529092	43.002	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	1587791	43.349	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1622971	44.938	nq	99

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



#1

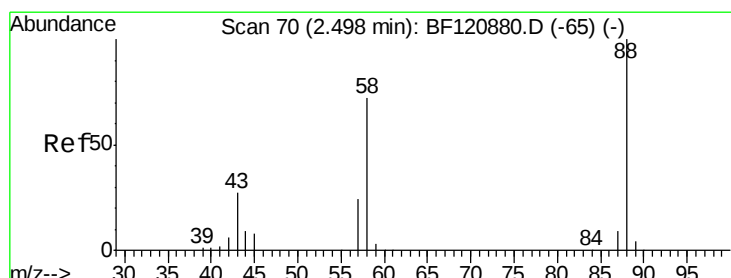
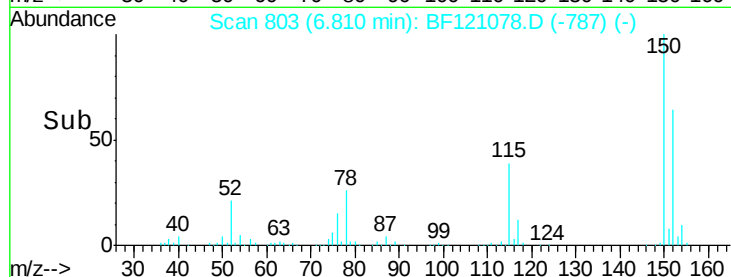
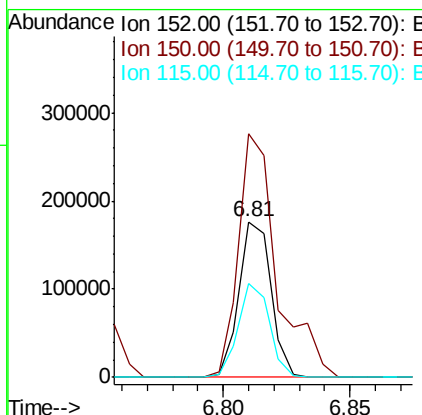
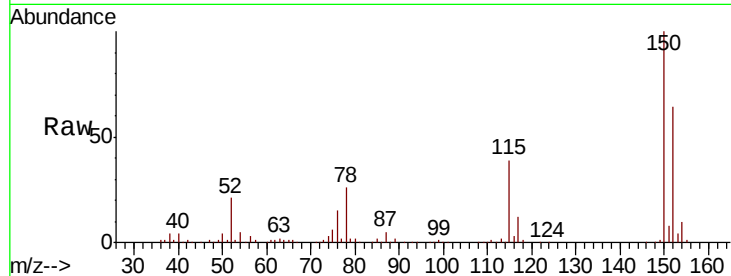
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.0	187.6
115	60.4	47.0	70.4

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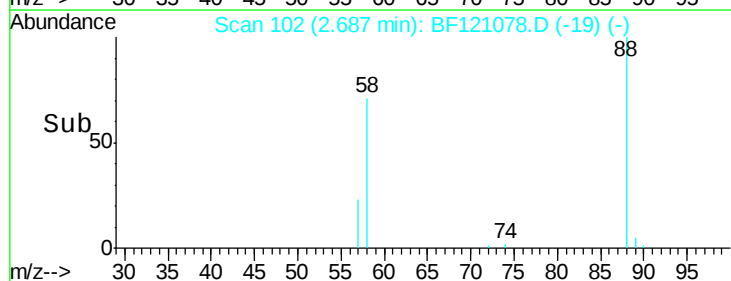
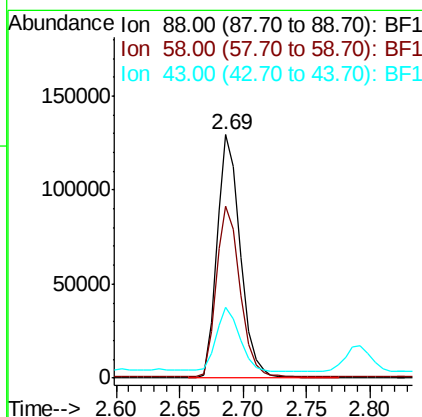
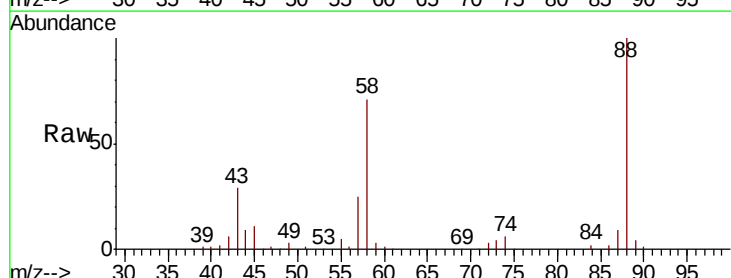
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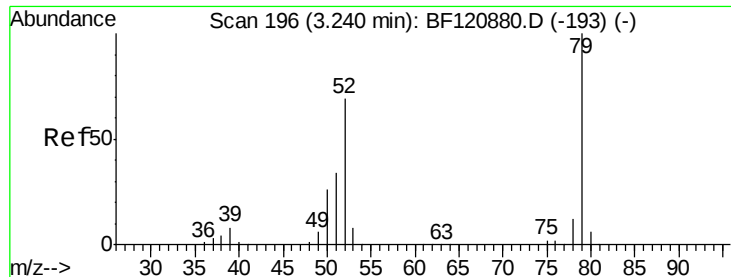


#2

1,4-Dioxane
Concen: 37.609 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	58.2	87.2
43	0.0	22.1	33.1





#3

Pvridine

Concen: 27.125 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.17 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

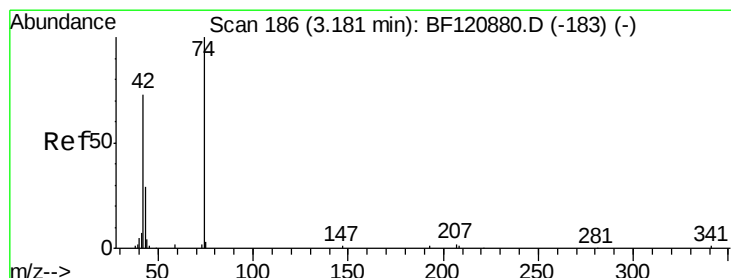
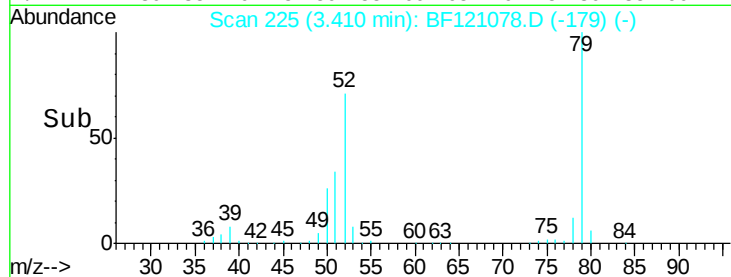
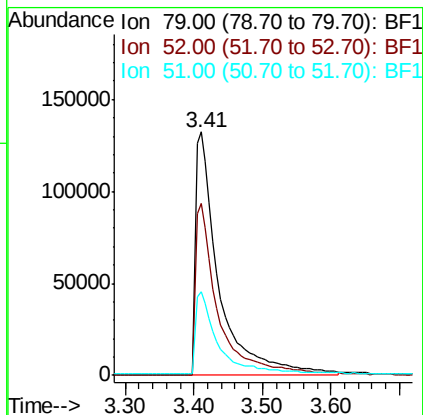
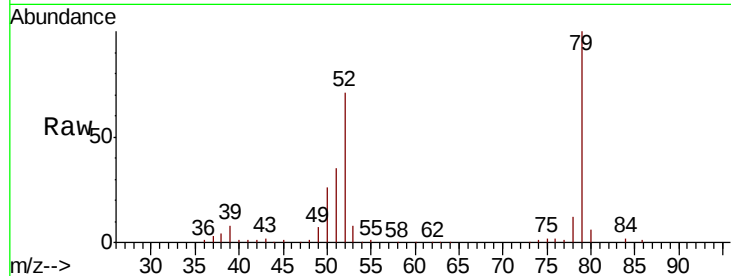
ClientSampleId :

20200438-3001AMSD

Tot Ion:	79	Resp:	314623
Ion	Ratio	Lower	Upper
79	100		
52	70.6	55.0	82.6
51	34.6	26.9	40.3

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#4

n-Nitrosodimethylamine

Concen: 39.588 ng

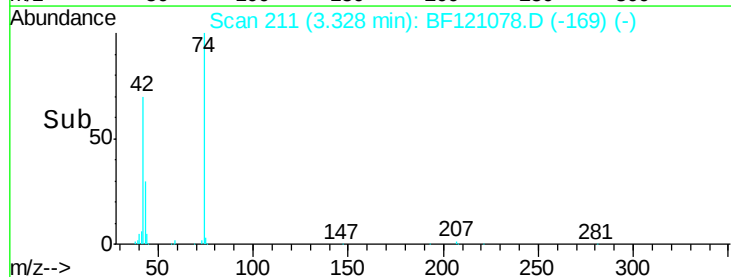
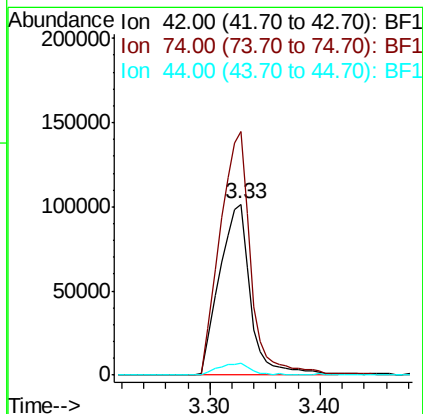
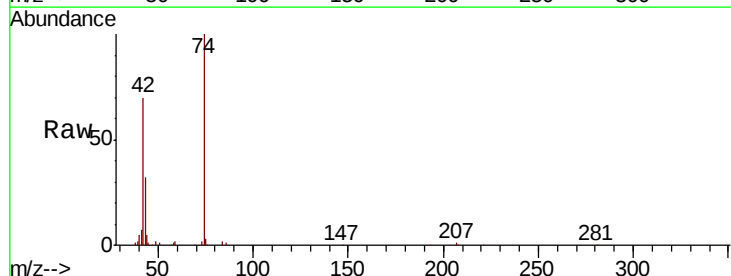
RT: 3.33 min Scan# 211

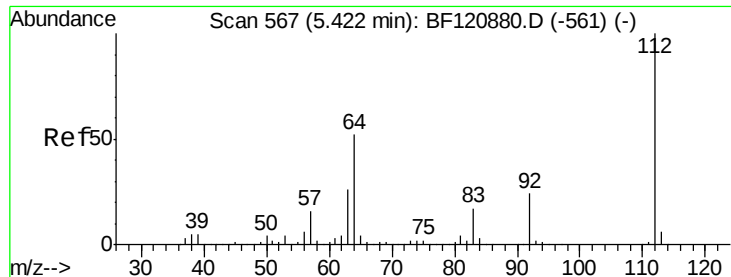
Delta R.T. 0.15 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Tgt Ion:	42	Resp:	196351
Ion	Ratio	Lower	Upper
42	100		
74	142.5	108.7	163.1
44	6.9	5.2	7.8





#5

2-Fluorophenol

Concen: 111.191 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.02 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

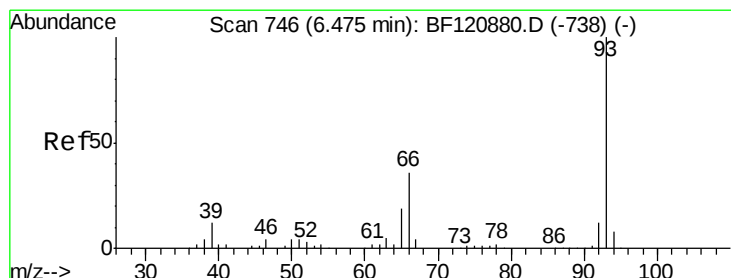
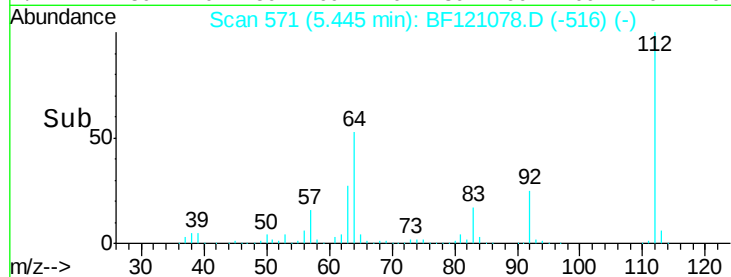
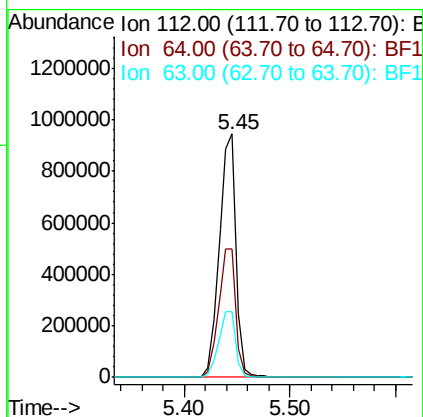
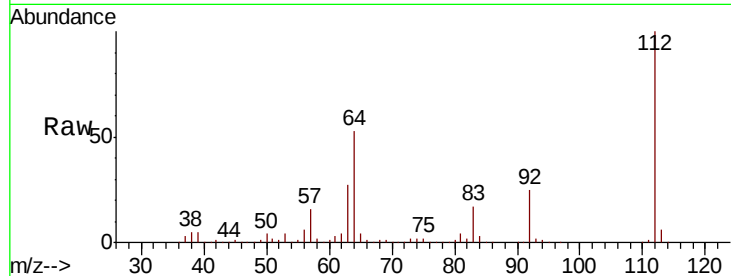
ClientSampleId :

20200438-3001AMSD

Tot Ion:	112	Resp:	1053415
Ion Ratio	Lower	Upper	
112	100		
64	52.6	41.3	61.9
63	26.9	21.1	31.7

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#6

Aniline

Concen: 23.772 ng m

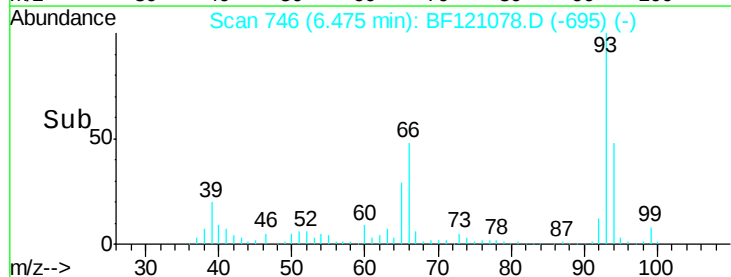
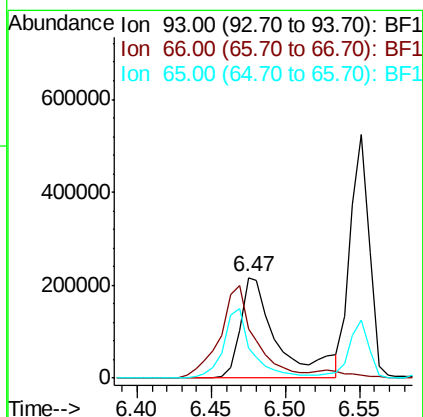
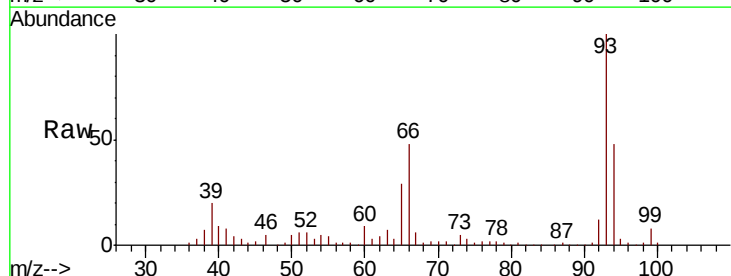
RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Tgt Ion:	93	Resp:	379747
Ion Ratio	Lower	Upper	
93	100		
66	48.4	30.2	45.4#
65	29.3	15.8	23.6#





#7

Phenol-d6

Concen: 97.895 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion: 99 Resp: 1198030

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

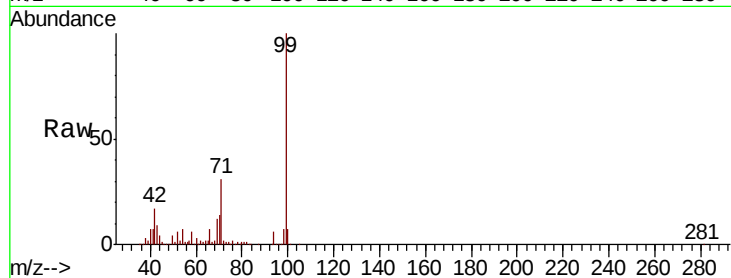
71 31.2 24.2 36.4

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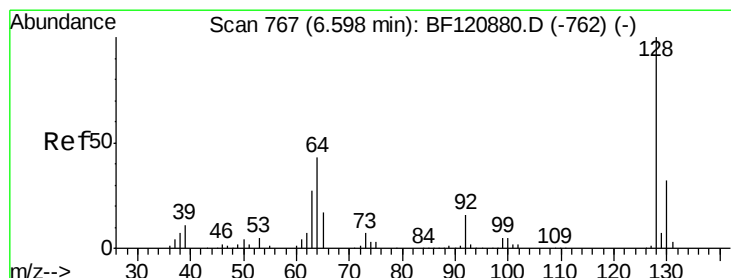
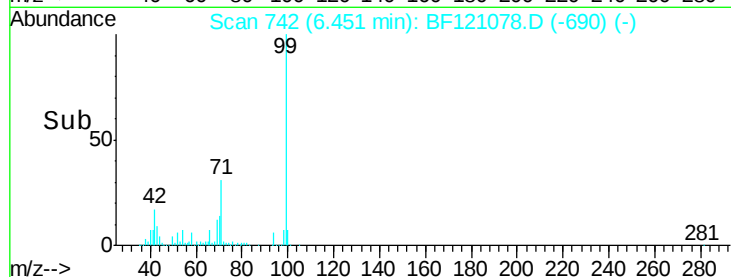
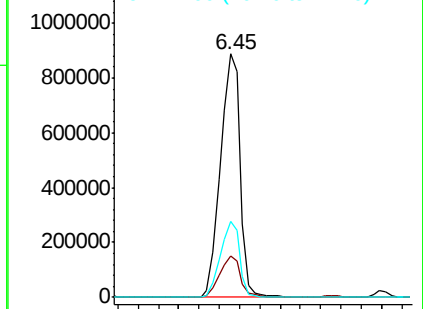
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.452 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

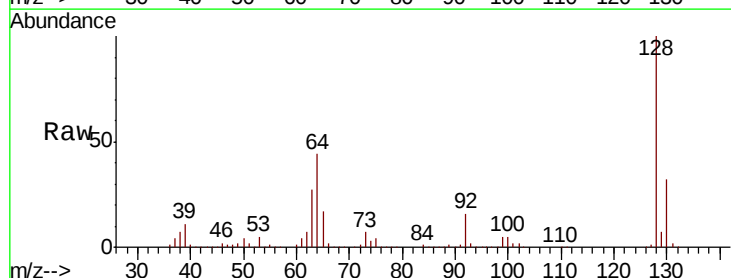
Tgt Ion: 128 Resp: 474374

Ion Ratio Lower Upper

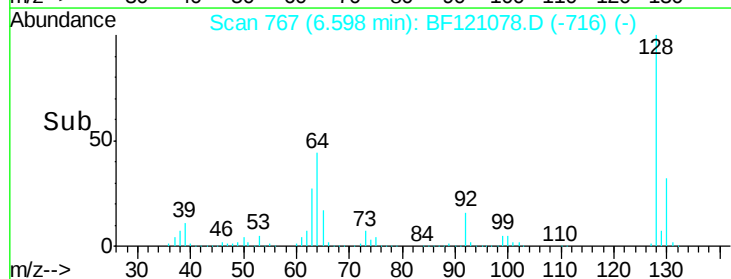
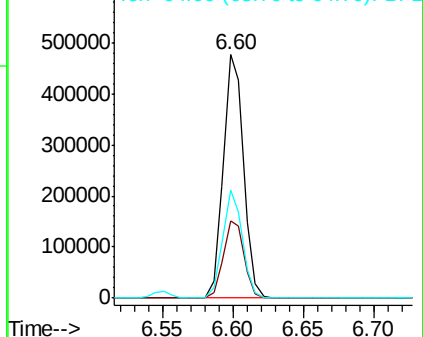
128 100

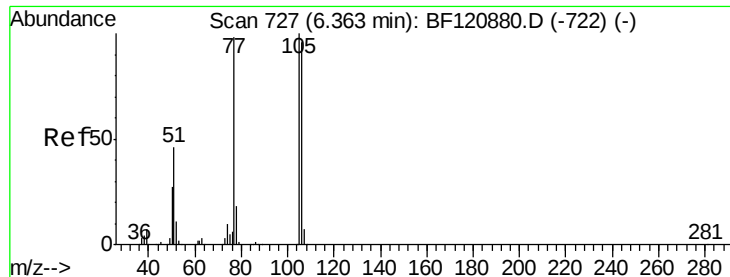
130 31.7 12.1 52.1

64 44.2 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
500000
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.679 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

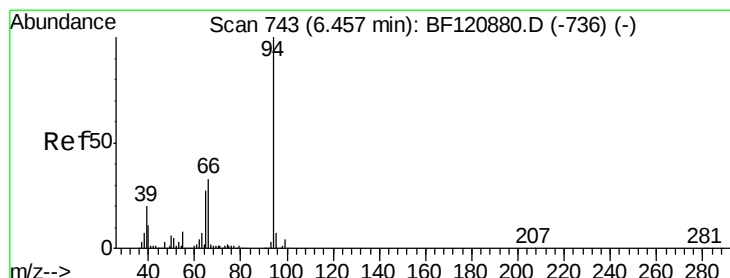
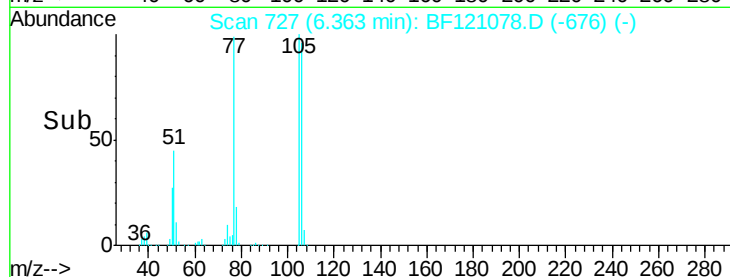
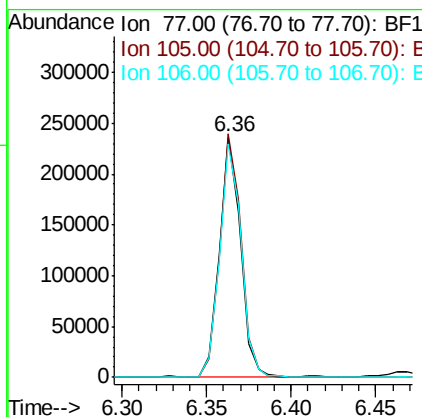
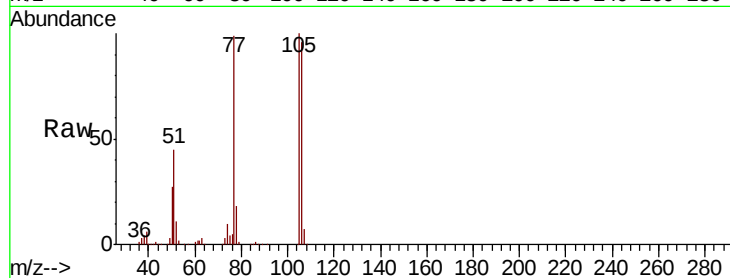
ClientSampleId :

20200438-3001AMSD

Tot Ion:	77	Resp:	208421
Ion Ratio	Lower	Upper	
77	100		
105	101.3	82.5	122.5
106	97.3	78.7	118.7

Manual Integrations
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#10

Phenol

Concen: 38.425 ng

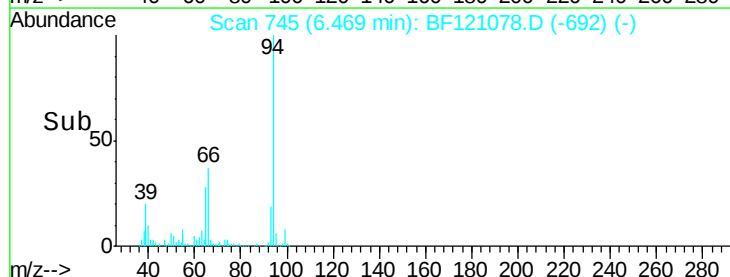
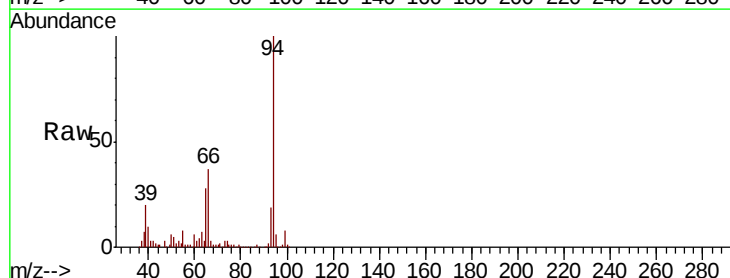
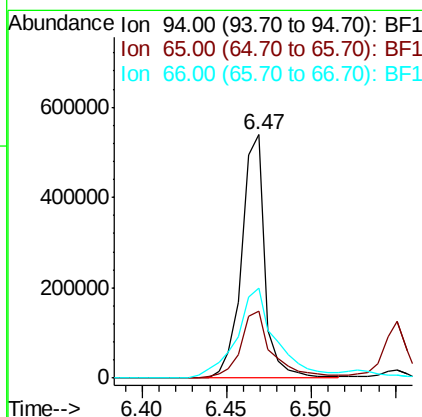
RT: 6.47 min Scan# 745

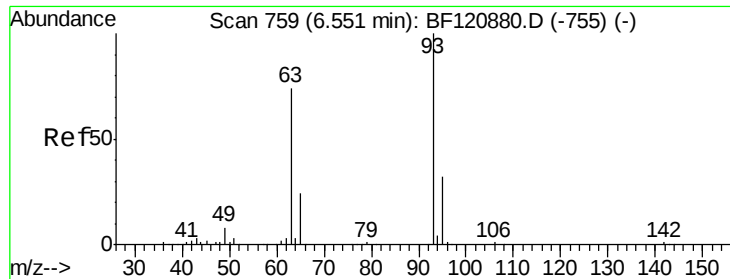
Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Tgt Ion:	94	Resp:	517276
Ion Ratio	Lower	Upper	
94	100		
65	27.6	6.6	46.6
66	37.2	13.2	53.2





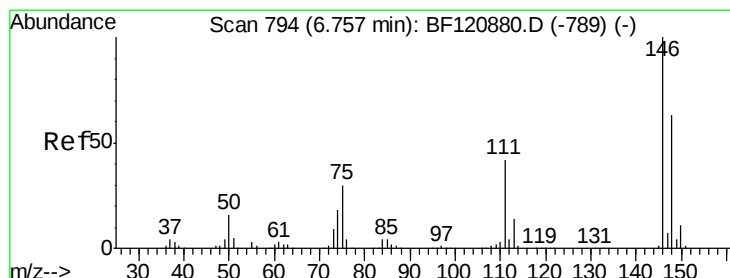
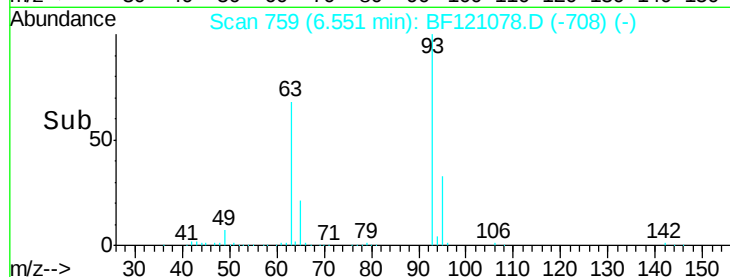
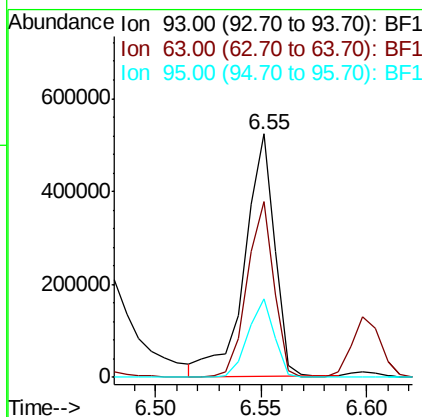
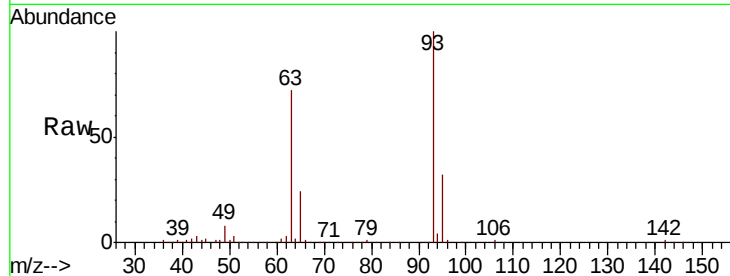
#11
bis(2-Chloroethyl)ether
Concen: 49.500 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	510696		
63	72.2		54.2	94.2
95	32.5		12.2	52.2

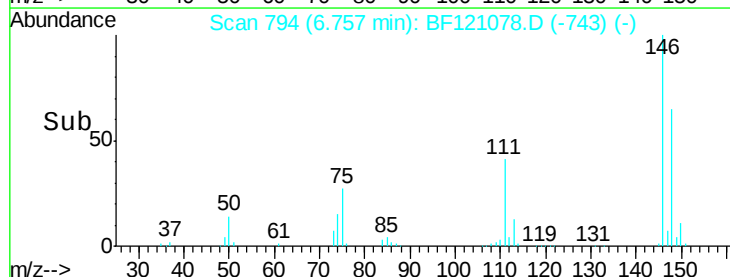
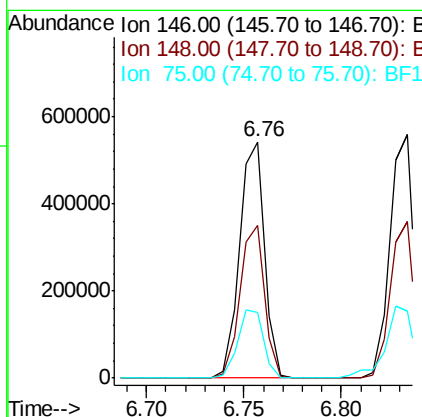
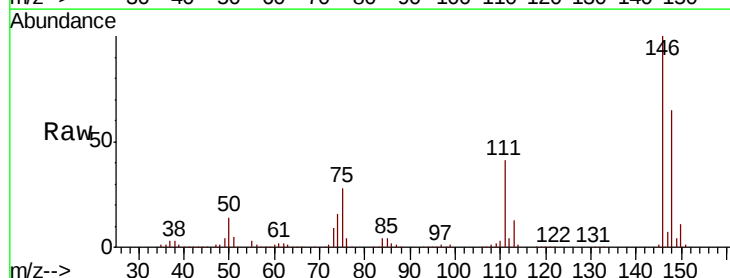
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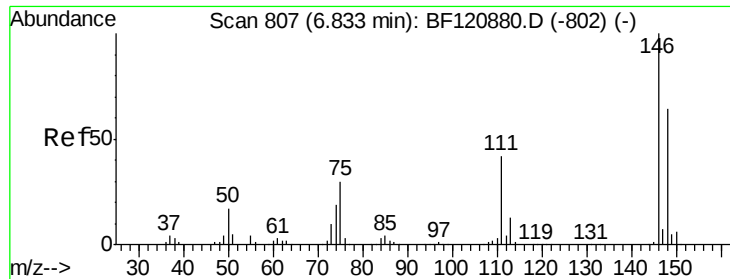
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#12
1,3-Dichlorobenzene
Concen: 42.270 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	478377		
148	64.7		50.6	75.8
75	27.6		24.1	36.1





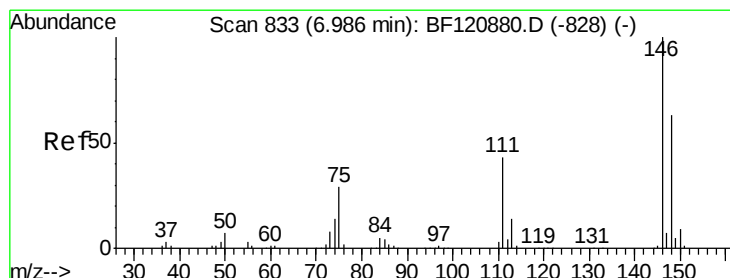
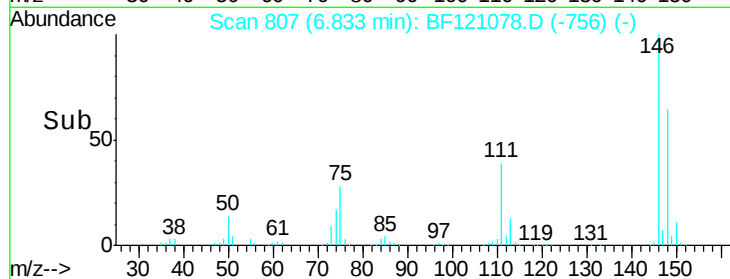
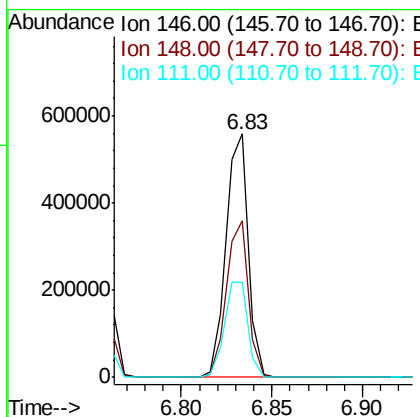
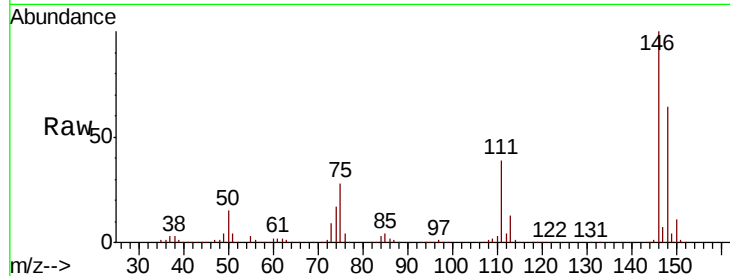
#13
 1,4-Dichlorobenzene
 Concen: 42.564 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	39.0	33.5	50.3

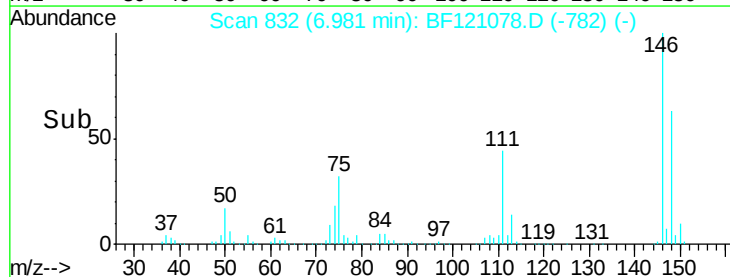
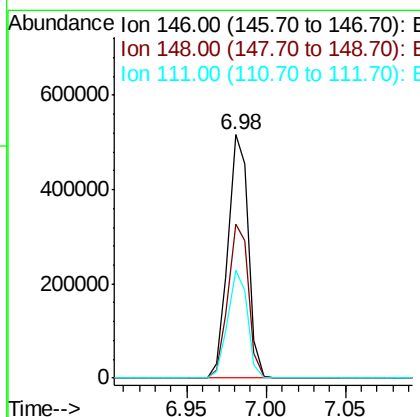
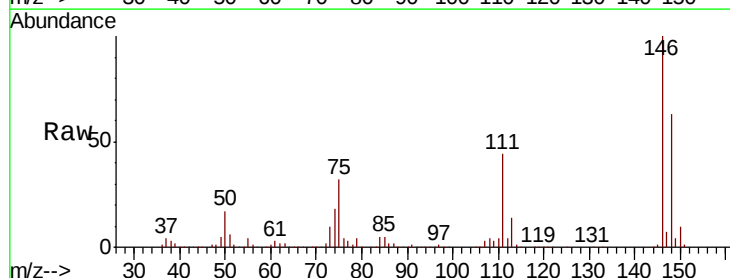
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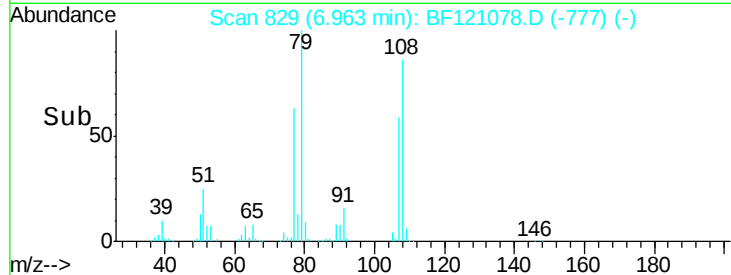
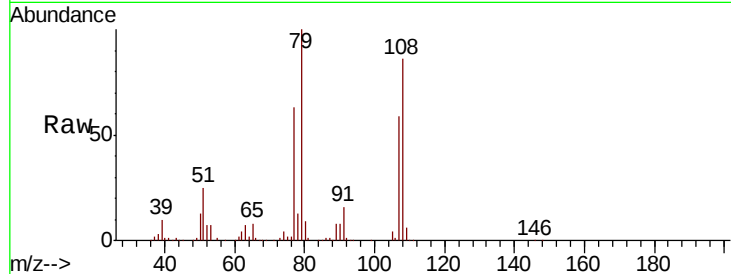
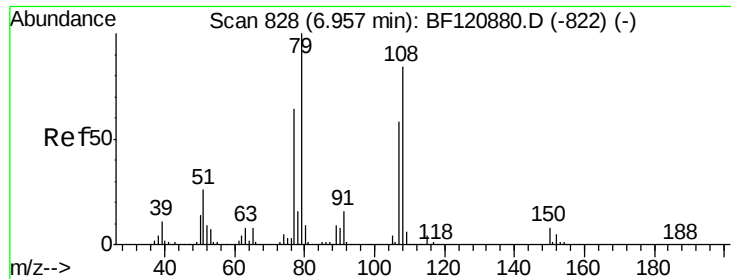
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#14
 1,2-Dichlorobenzene
 Concen: 43.130 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	76.0
111	44.3	34.2	51.2





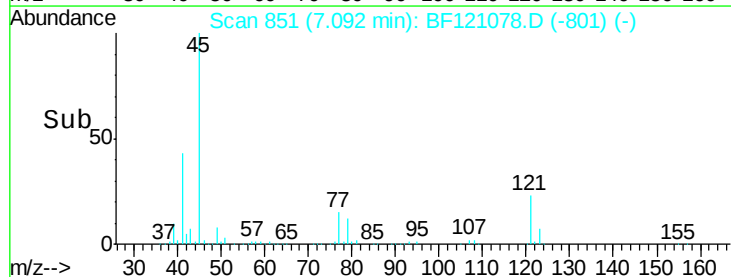
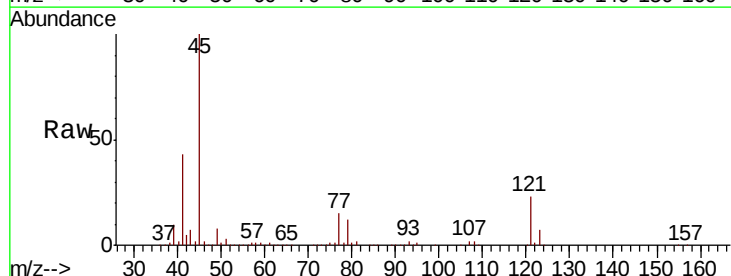
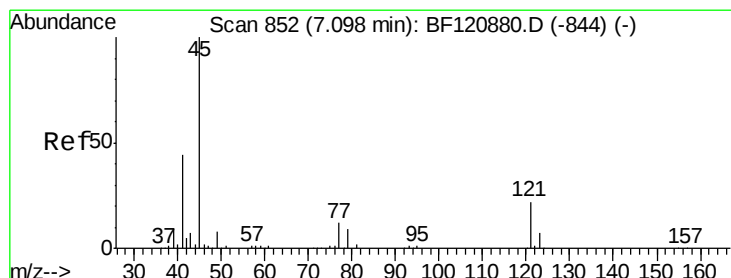
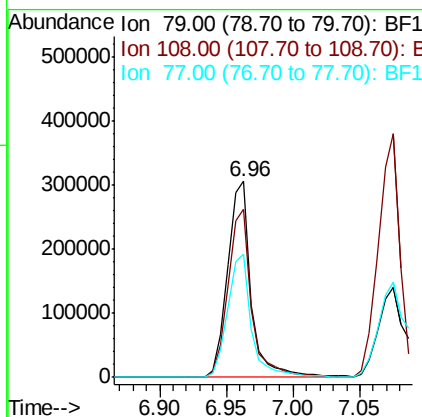
#15
Benzyl Alcohol
Concen: 44.133 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tot Ion:	79	Resp:	381948
Ion	Ratio	Lower	Upper
79	100		
108	86.1	67.0	100.6
77	62.7	51.0	76.4

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

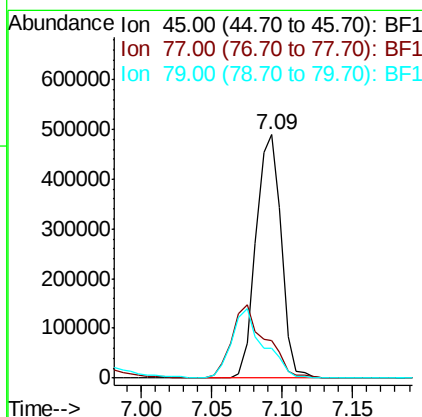
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.426 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion:	45	Resp:	616032
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	34.3
79	12.1	0.0	31.0





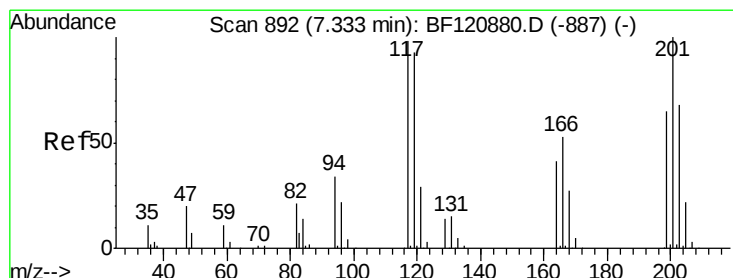
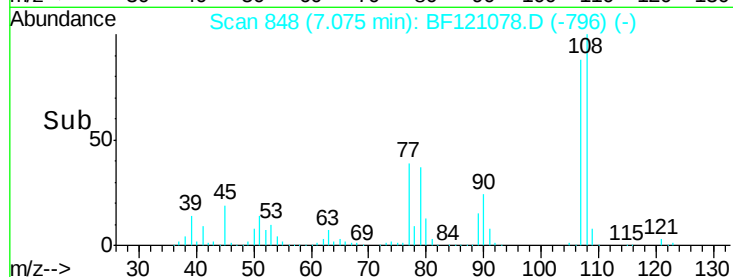
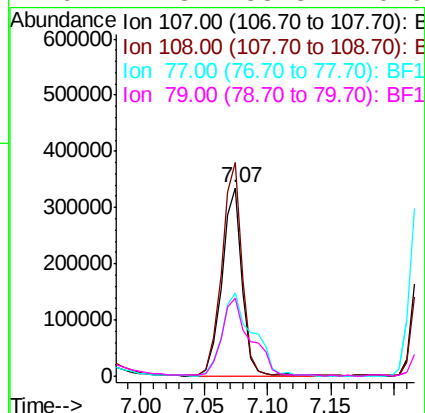
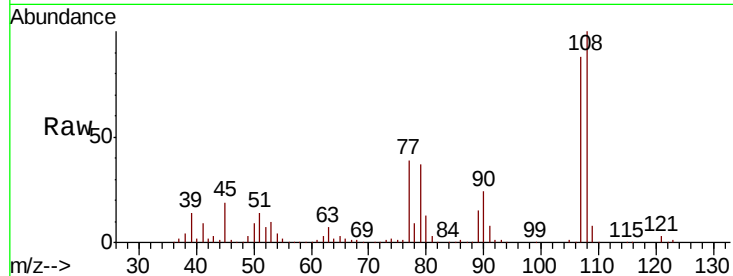
#17
2-Methylphenol
Concen: 39.962 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	92.0	138.0	
77	44.0	34.0	51.0	
79	41.8	33.3	49.9	

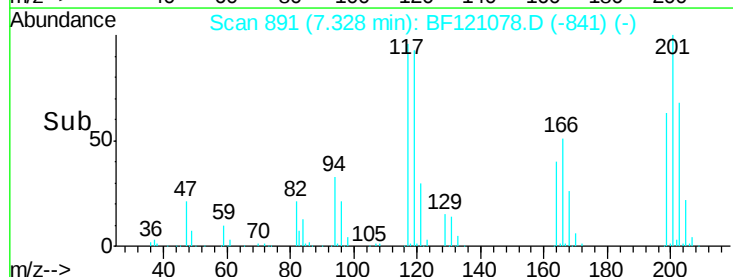
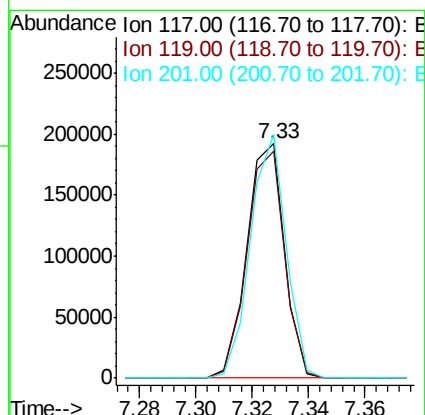
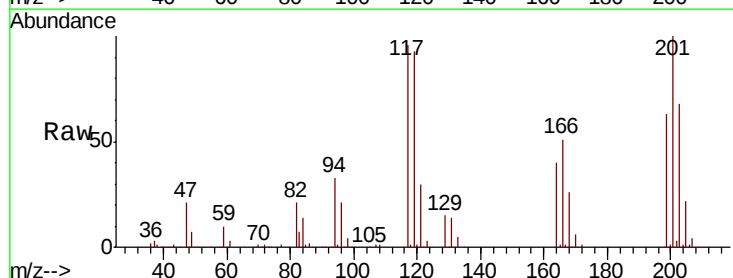
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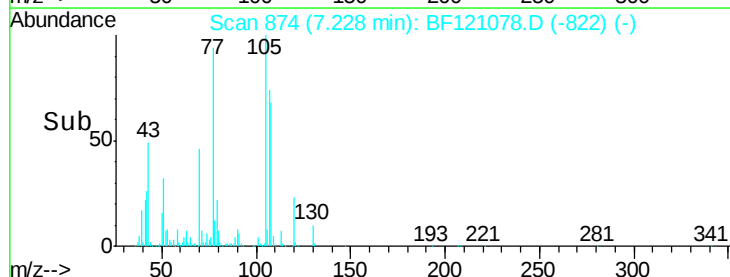
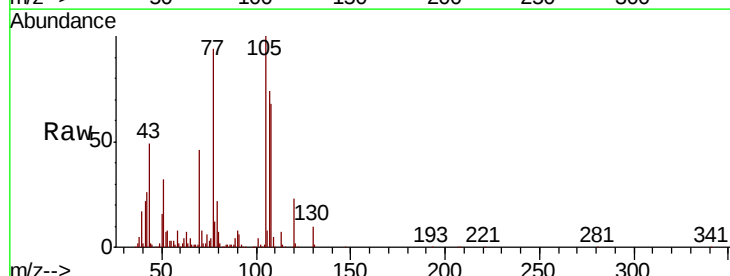
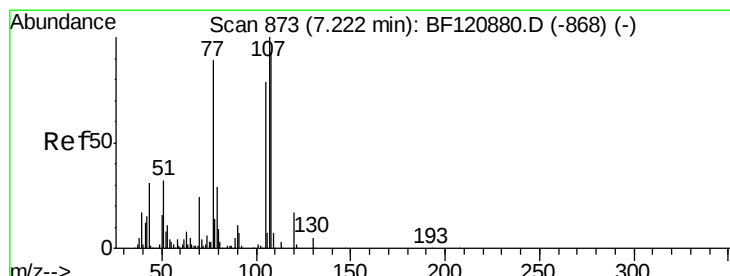
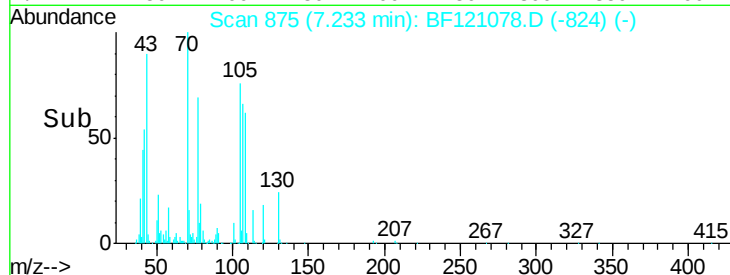
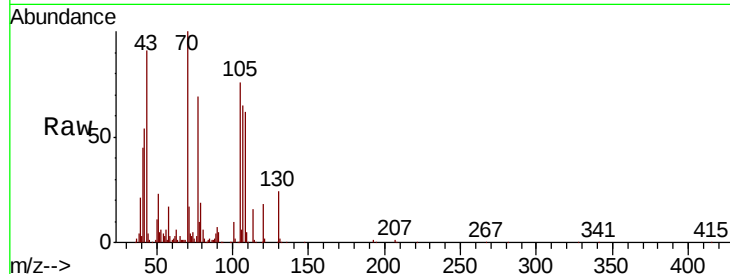
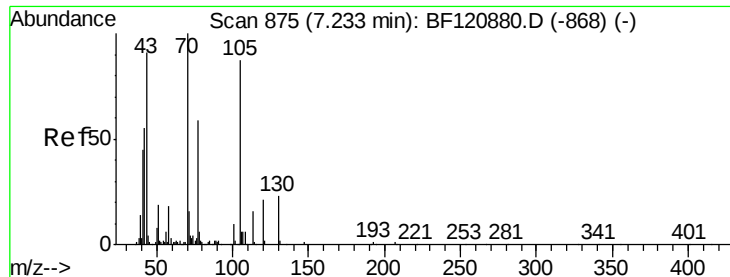
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#18
Hexachloroethane
Concen: 43.461 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	76.0	114.0	
201	104.0	81.7	122.5	





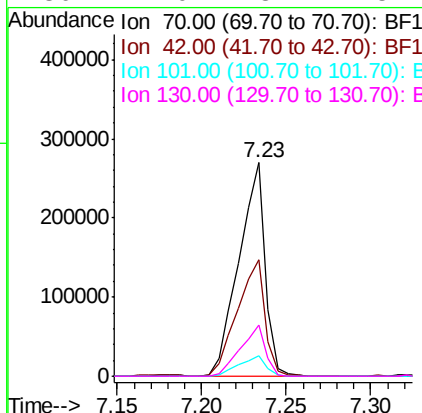
#19
n-Nitroso-di-n-propylamine
Concen: 42.082 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.3	44.0	66.0	
101	9.9	7.8	11.6	
130	24.0	18.7	28.1	

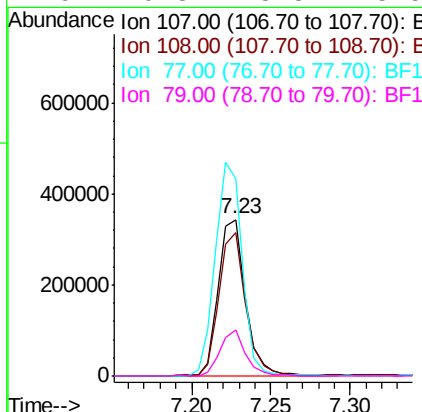
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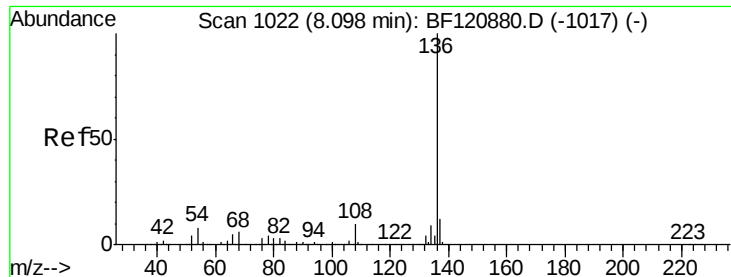
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#20
3+4-Methylphenols
Concen: 34.541 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	72.8	112.8	
77	126.2	68.7	108.7#	
79	29.3	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: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

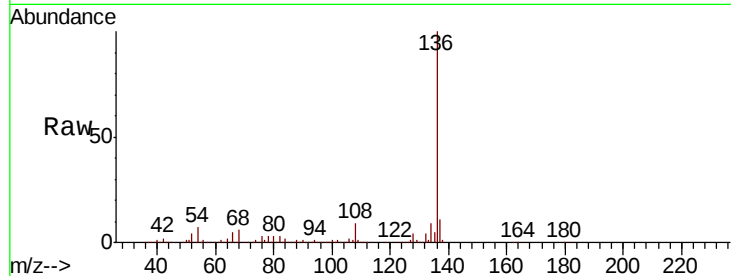
ClientSampleId :

20200438-3001AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		613812		
137	10.9		9.3	13.9	
54	6.8		6.3	9.5	
68	5.6		5.0	7.4	

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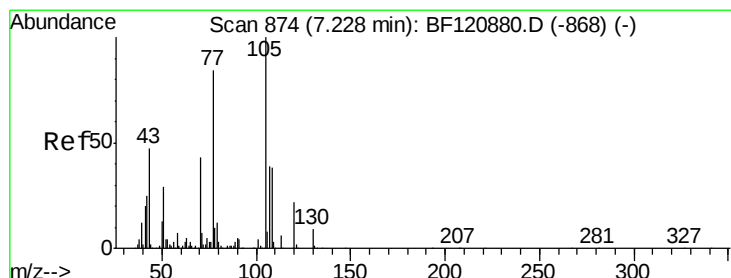
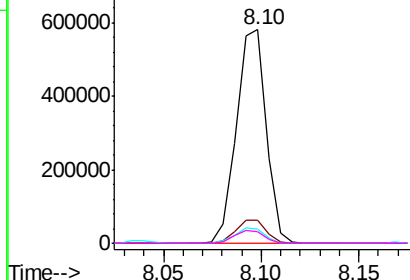
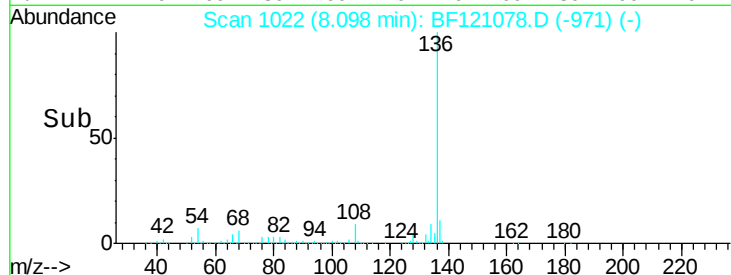
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.887 ng

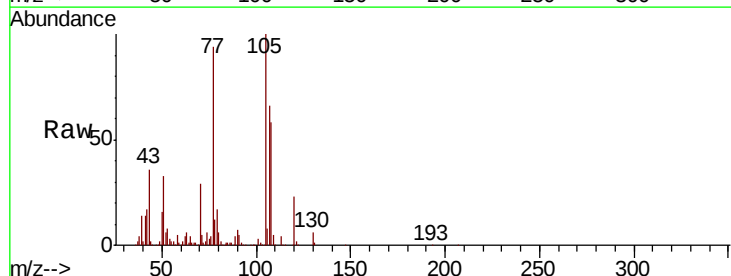
RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		590801		
71	5.2		5.7	8.5#	
51	33.1		22.9	34.3	
120	22.7		18.0	27.0	



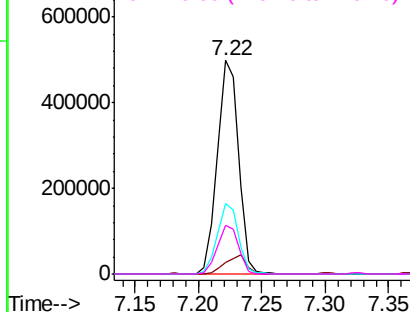
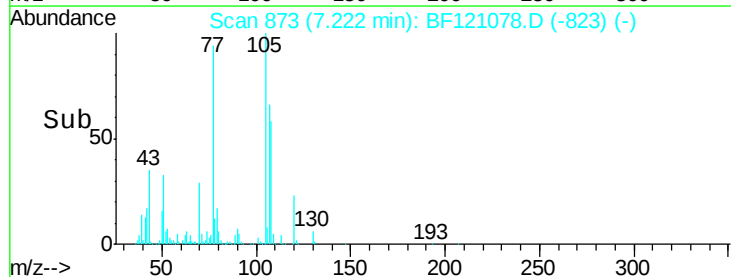
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





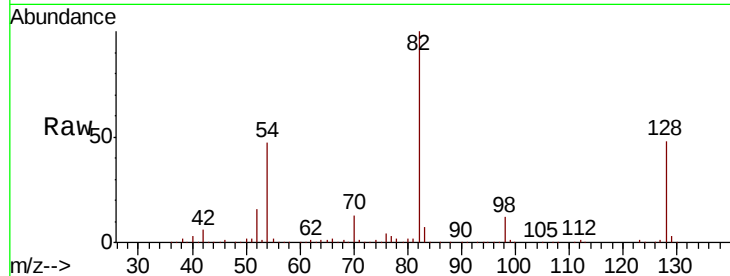
#23
Nitrobenzene-d5
Concen: 85.425 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

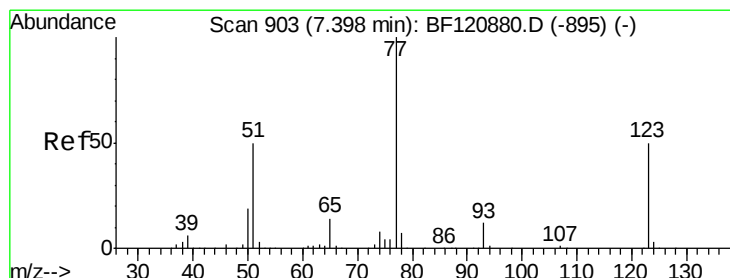
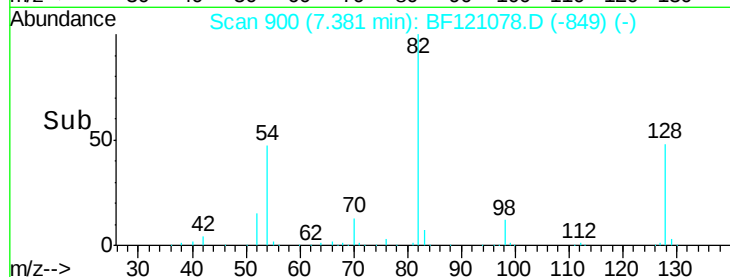
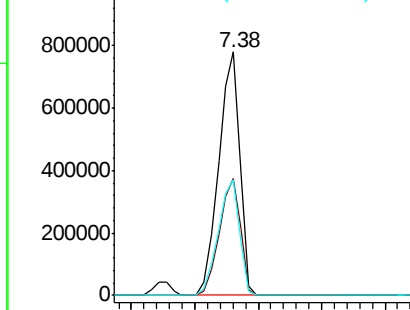
Tot Ion	Ratio	Resp	Lower	Upper
82	100	906193		
128	48.1		38.2	57.4
54	47.3		38.7	58.1

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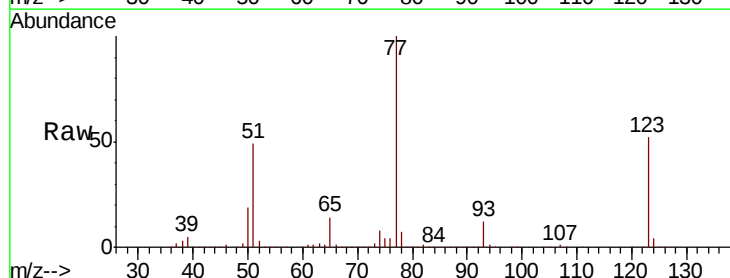


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

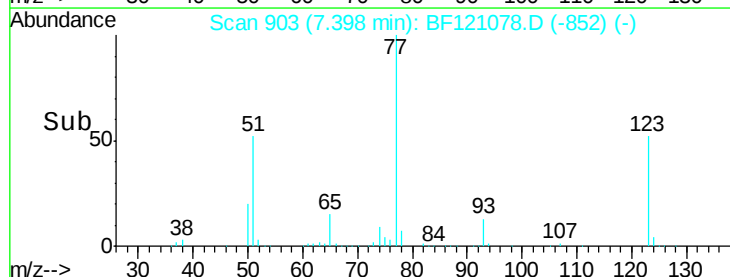
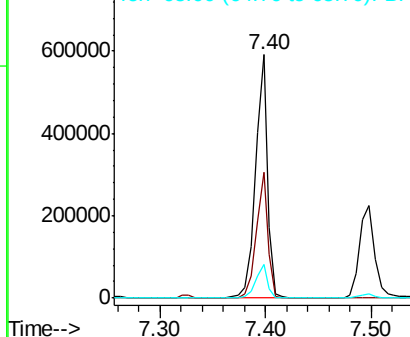


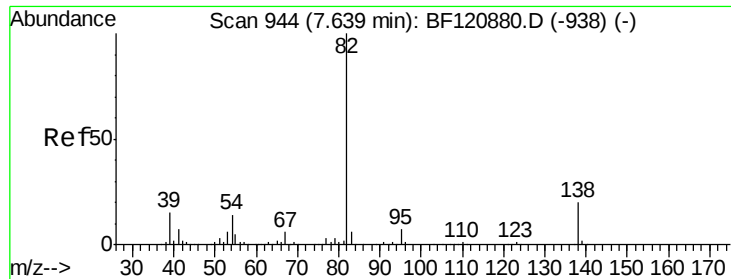
#24
Nitrobenzene
Concen: 41.325 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	472484		
123	51.9		40.1	60.1
65	13.6		10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





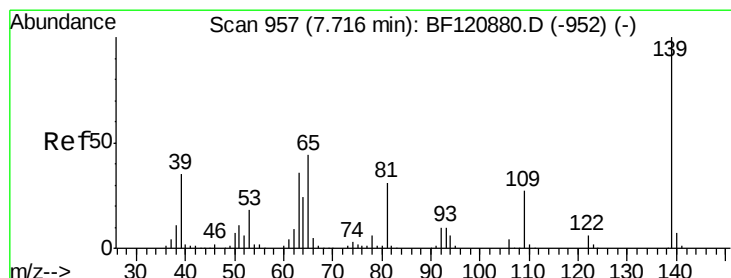
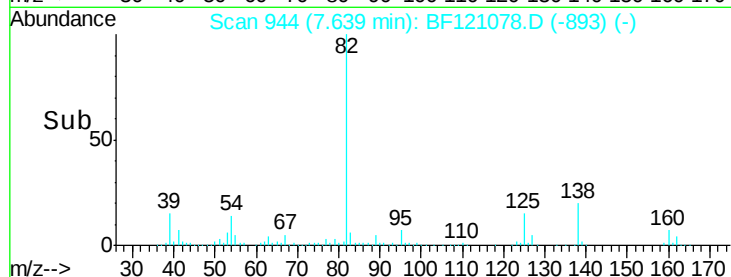
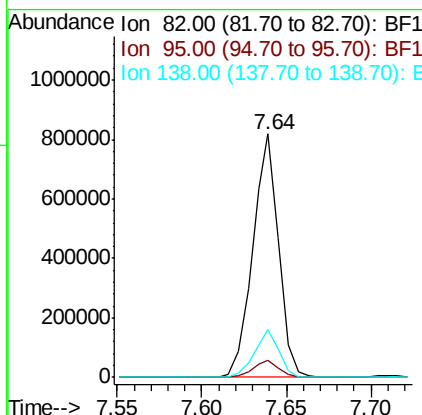
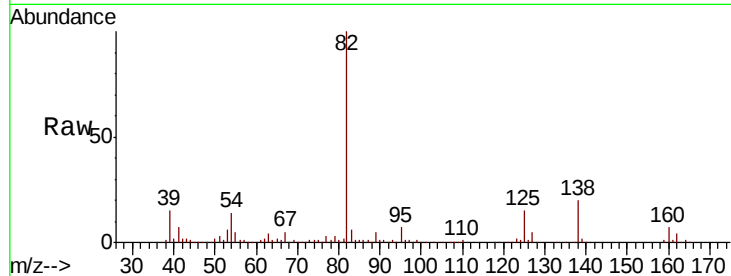
#25
Isophorone
Concen: 40.814 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.5	8.3	
138	19.6	15.6	23.4	

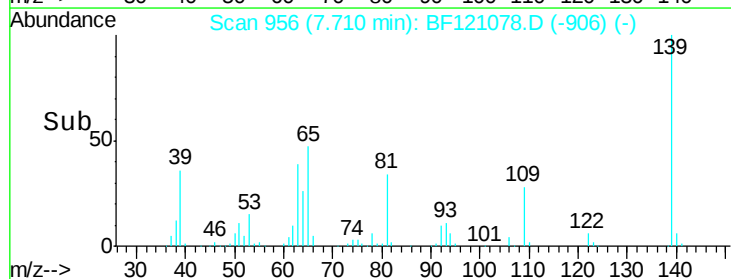
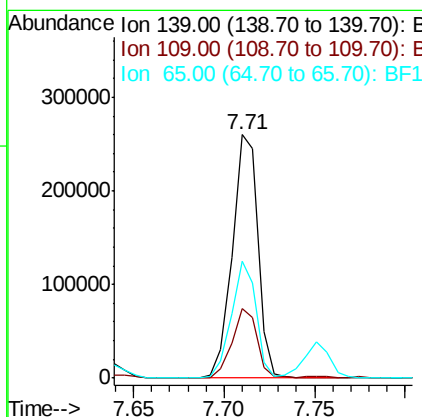
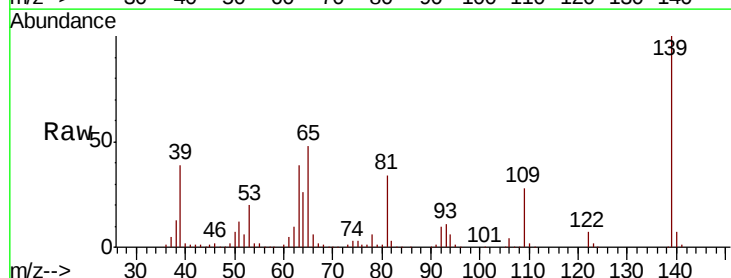
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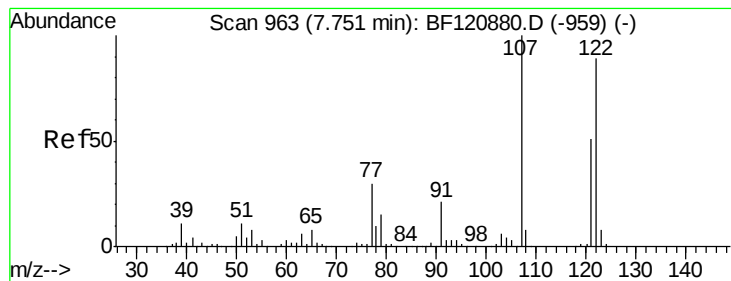
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#26
2-Nitrophenol
Concen: 47.244 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.4	21.6	32.4	
65	47.8	35.3	52.9	





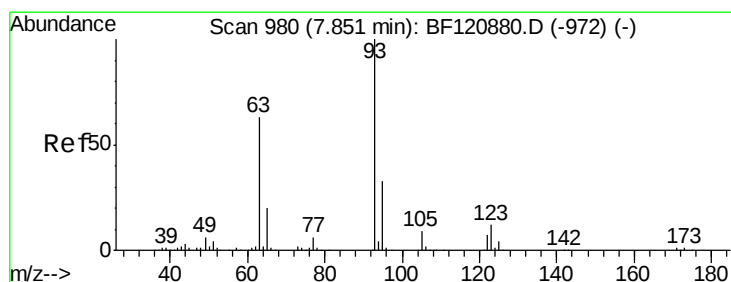
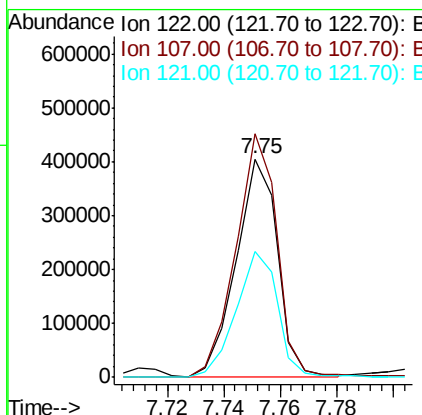
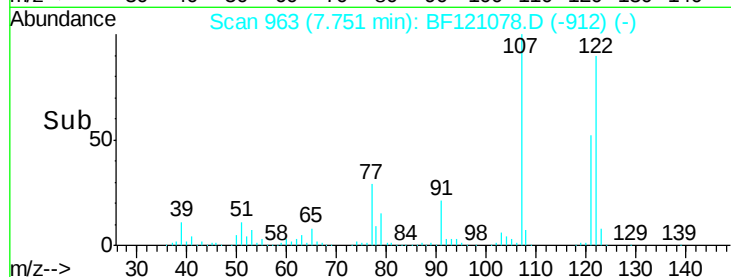
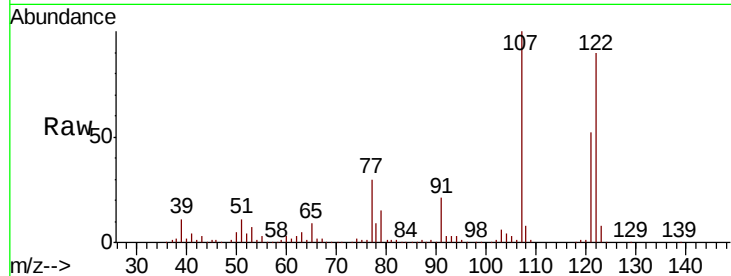
#27
2,4-Dimethylphenol
Concen: 46.851 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.4	89.4	134.0
121	57.9	46.0	69.0

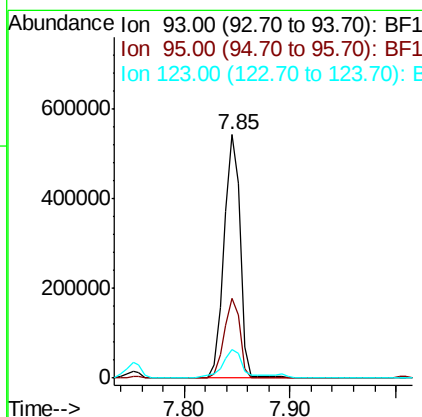
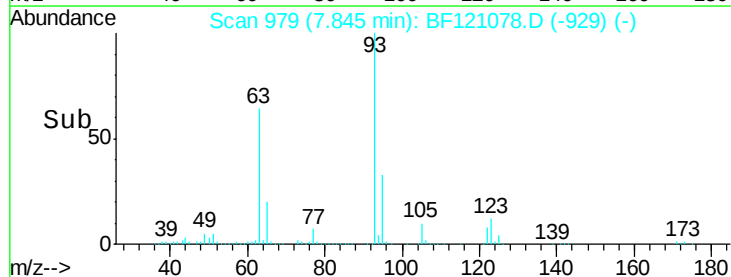
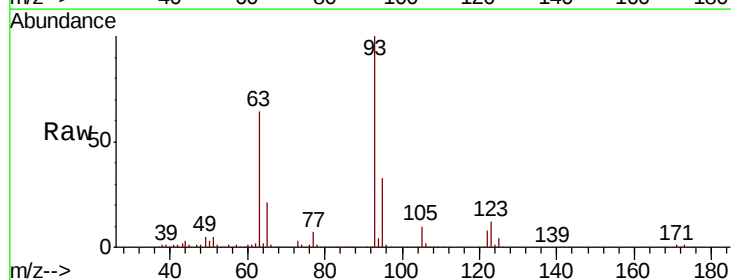
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#28
bis(2-Chloroethoxy)methane
Concen: 44.491 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.8	10.0	15.0





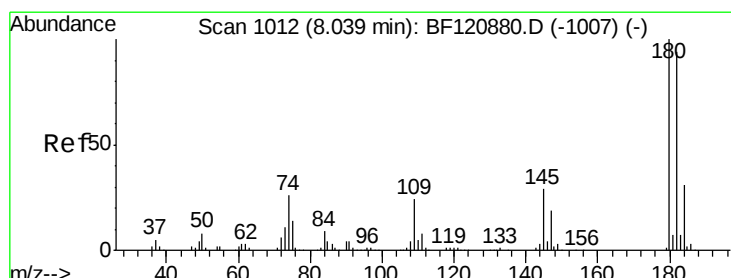
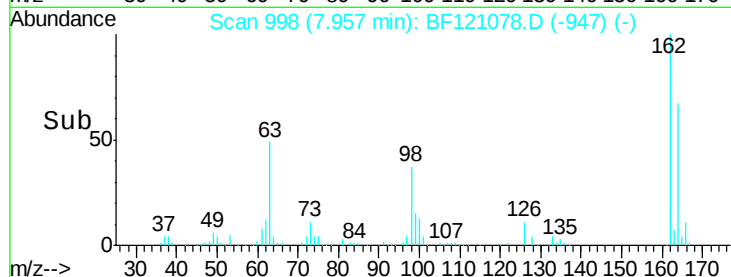
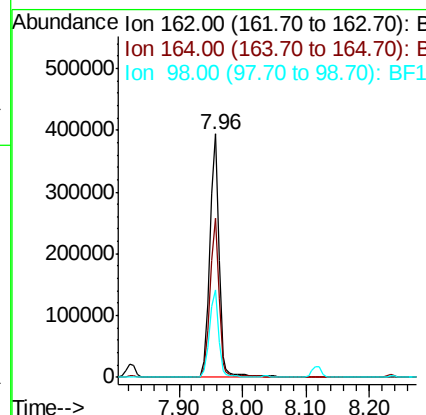
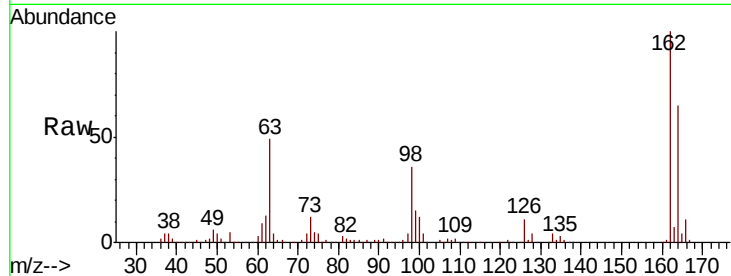
#29
2,4-Dichlorophenol
Concen: 44.627 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402044		
164	65.3		45.3	85.3
98	35.7		13.3	53.3

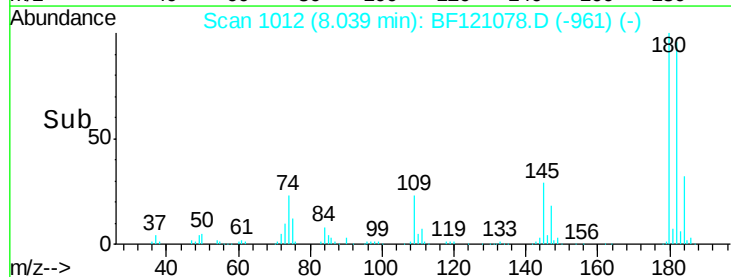
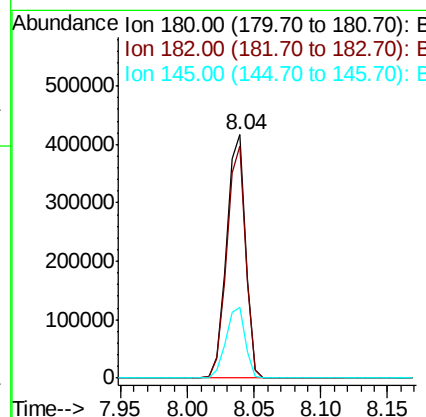
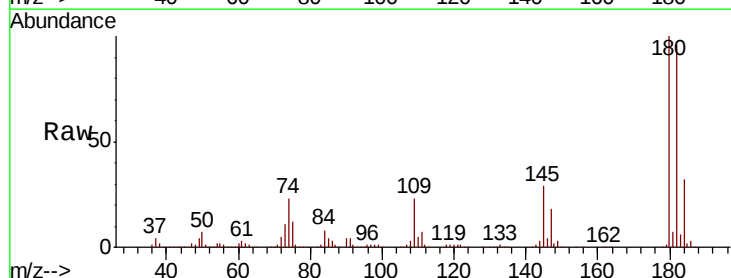
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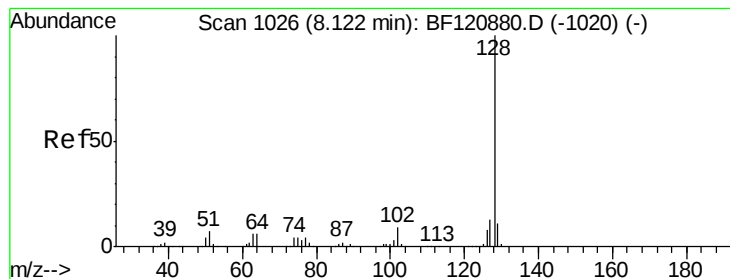
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.232 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	422115		
182	95.5		75.0	112.6
145	29.2		23.5	35.3





#31

Naphthalene

Concen: 41.924 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion:128 Resp: 1319996

Ion Ratio Lower Upper

128 100

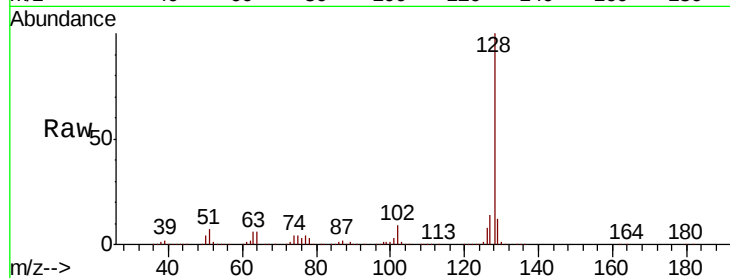
129 11.7 9.1 13.7

127 13.5 10.7 16.1

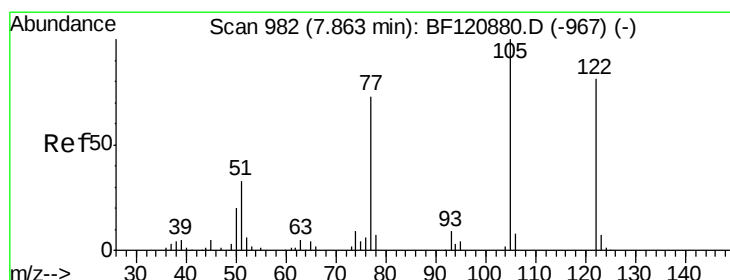
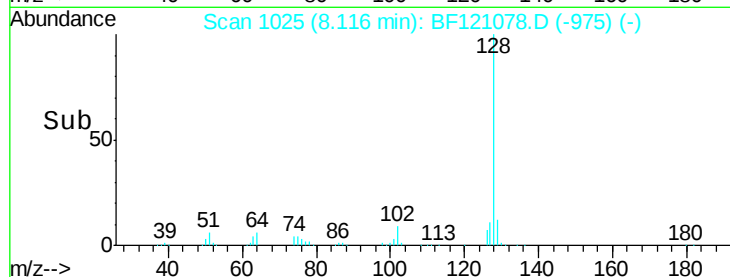
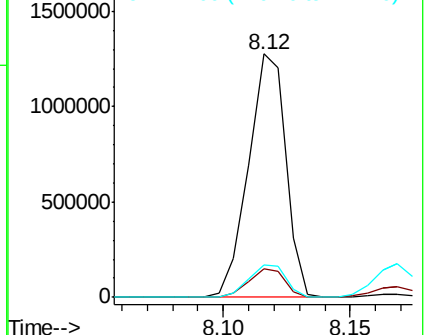
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.470 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

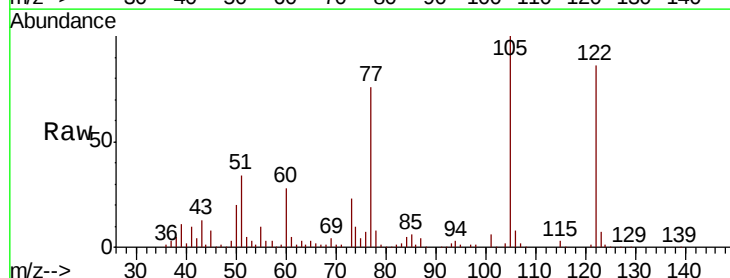
Tgt Ion:122 Resp: 347253

Ion Ratio Lower Upper

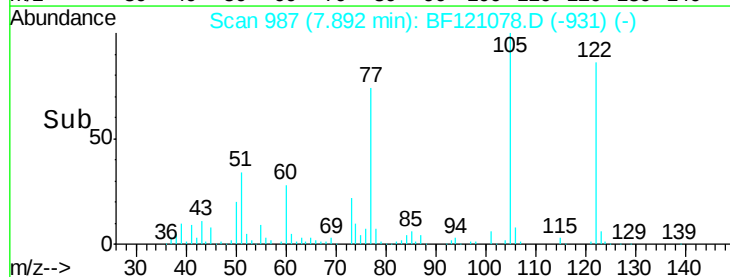
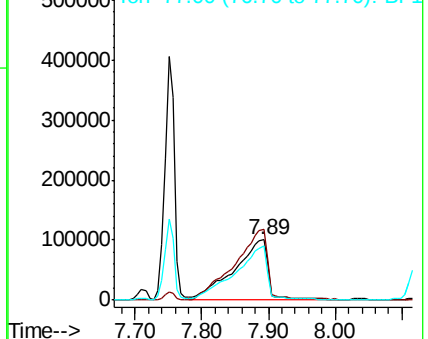
122 100

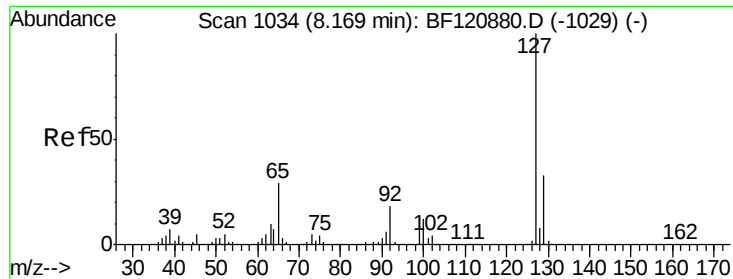
105 116.5 101.3 141.3

77 89.0 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





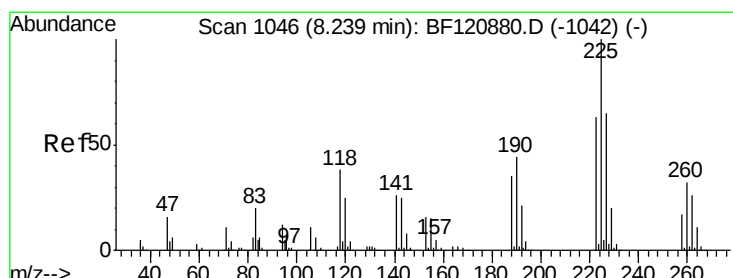
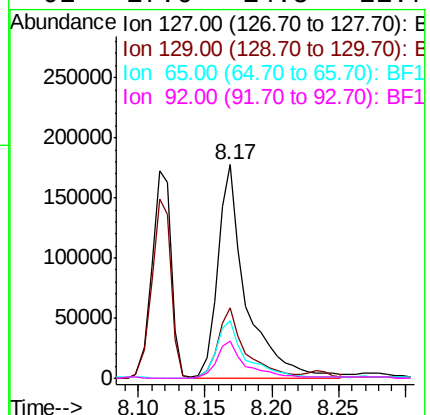
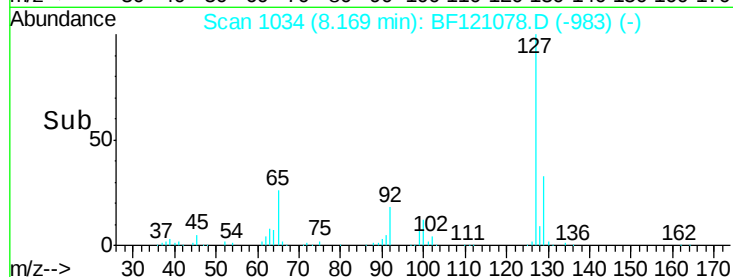
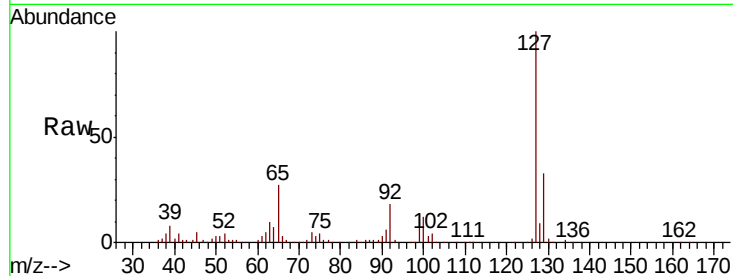
#33
4-Chloroaniline
Concen: 18.712 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.5	39.7		
65	27.1	23.0	34.4		
92	17.6	14.5	21.7		

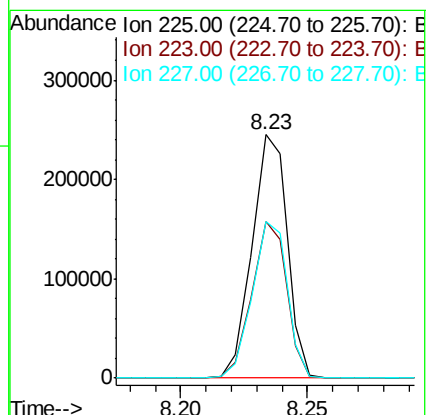
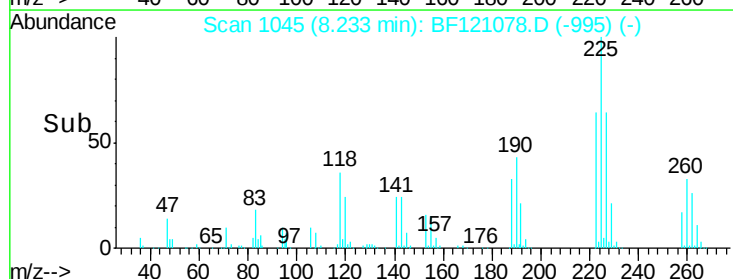
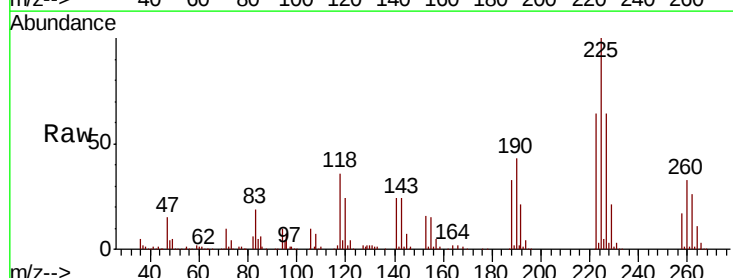
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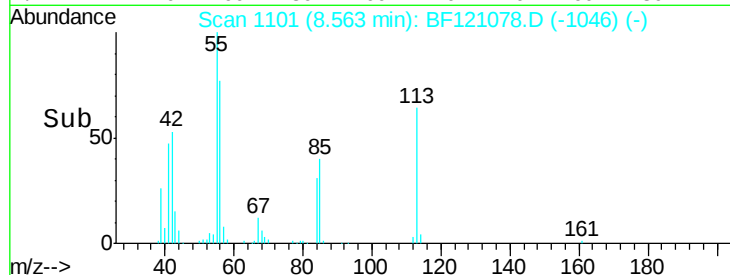
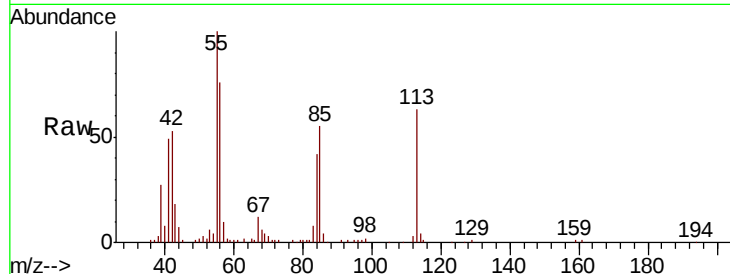
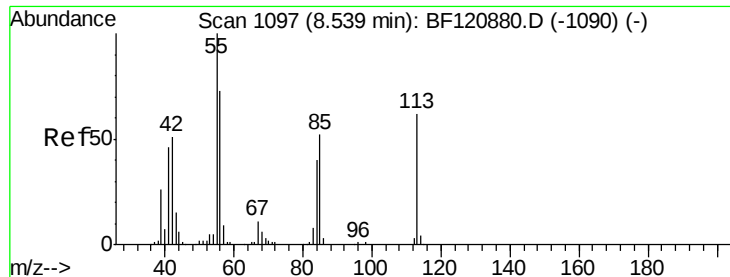
mohammad
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#34
Hexachlorobutadiene
Concen: 40.393 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	50.6	76.0		
227	64.2	52.2	78.2		





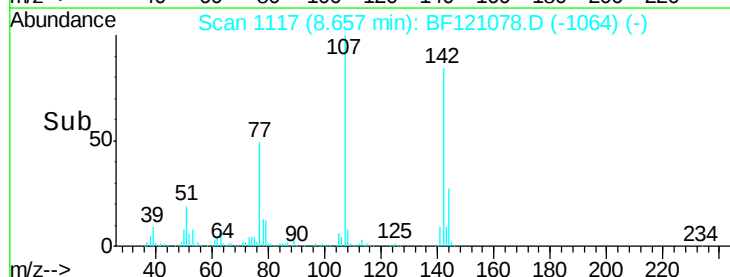
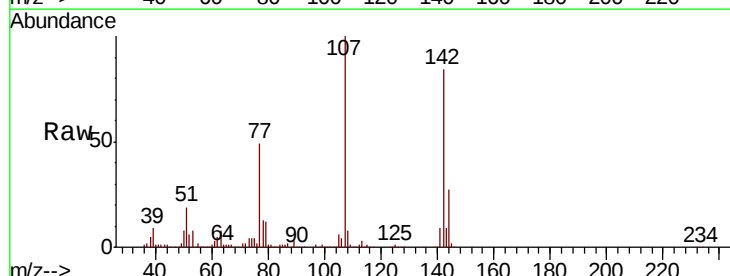
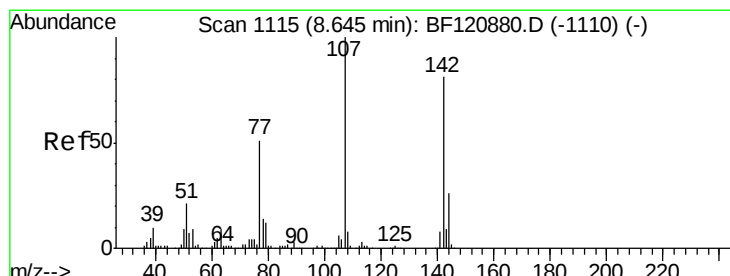
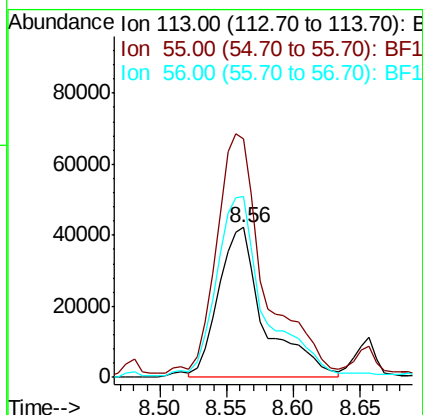
#35
Caprolactam
Concen: 35.382 ng m
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tot Ion:	113	Resp:	102220
Ion Ratio	Lower	Upper	
113	100		
55	159.4	143.3	183.3
56	120.9	99.4	139.4

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

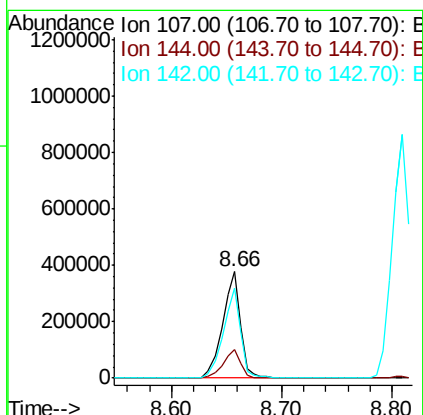
Manual Integrations
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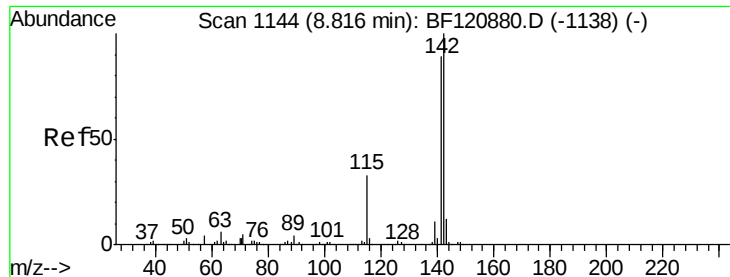
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#36
4-Chloro-3-methylphenol
Concen: 46.172 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion:	107	Resp:	426607
Ion Ratio	Lower	Upper	
107	100		
144	27.3	21.0	31.6
142	84.1	65.0	97.6





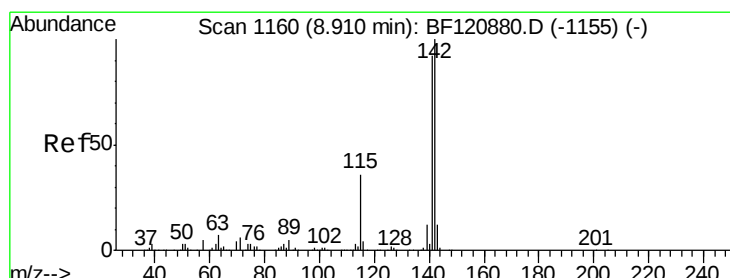
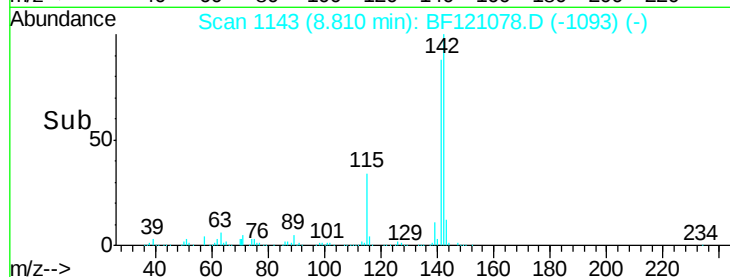
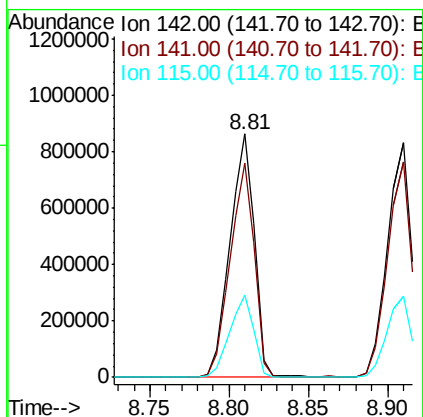
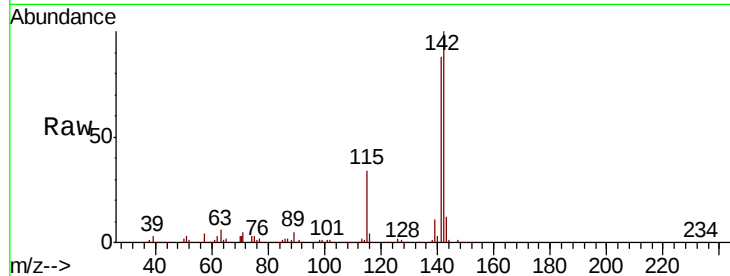
#37
2-Methylnaphthalene
Concen: 45.009 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.4
115	33.6	26.0	39.0

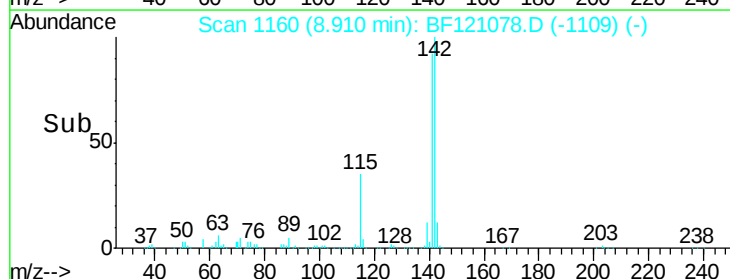
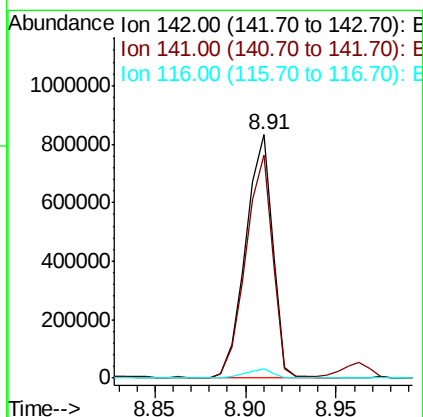
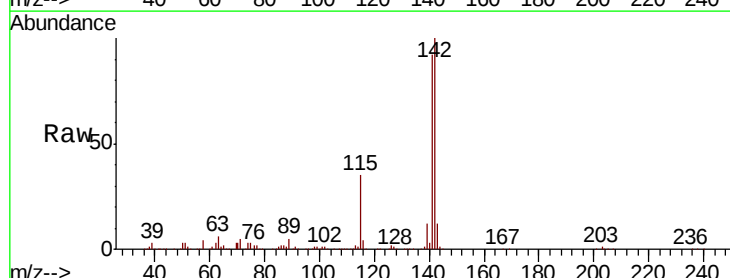
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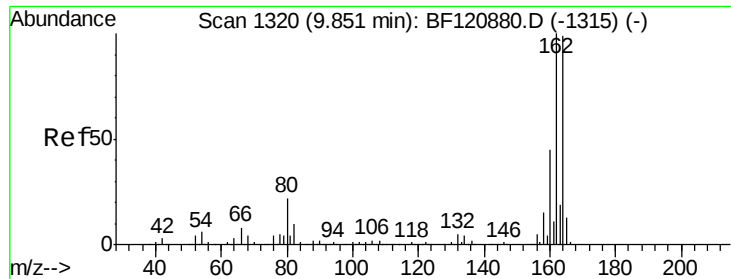
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#38
1-Methylnaphthalene
Concen: 44.415 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.7	110.5
116	3.7	3.0	4.6





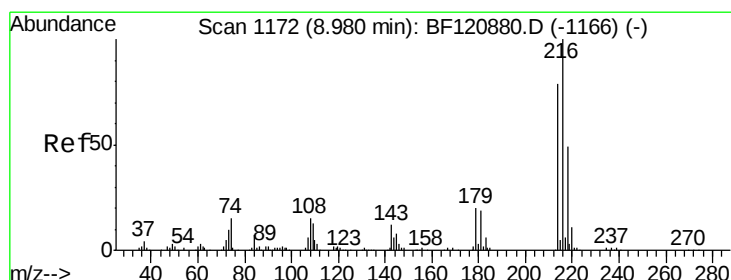
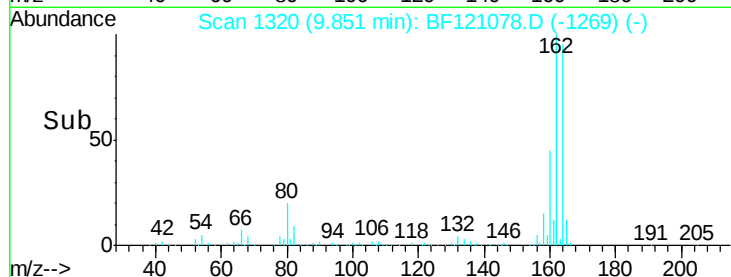
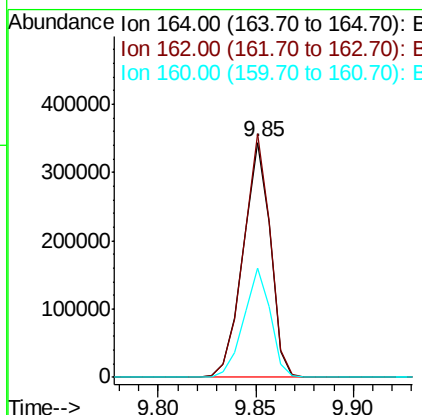
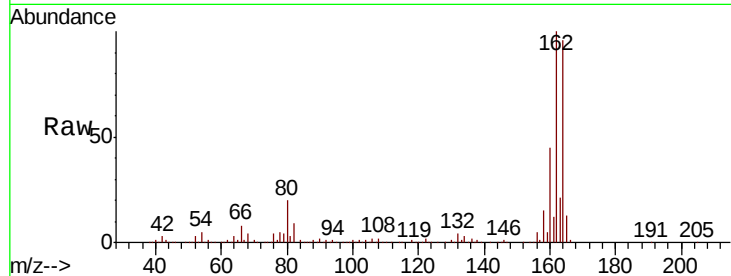
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.2	121.8
160	46.7	36.9	55.3

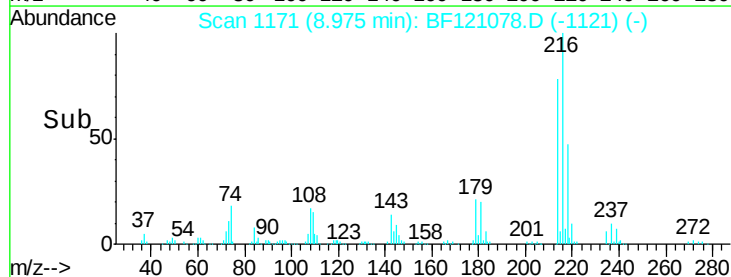
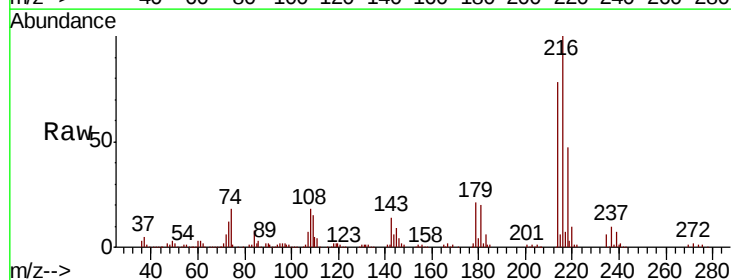
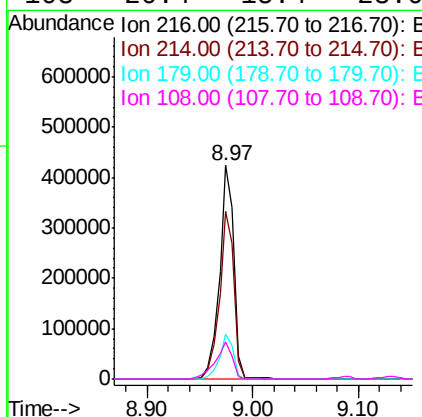
Manual Integrations
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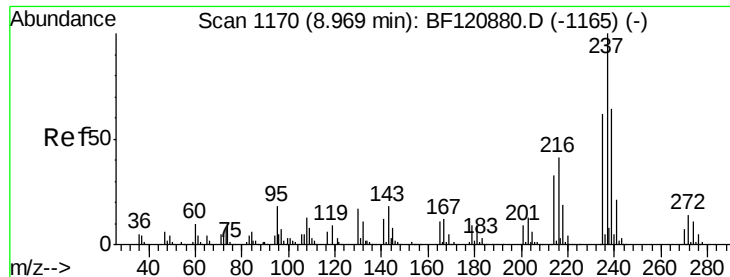
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.724 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.8	95.8
179	20.5	16.6	24.8
108	20.4	15.4	23.0





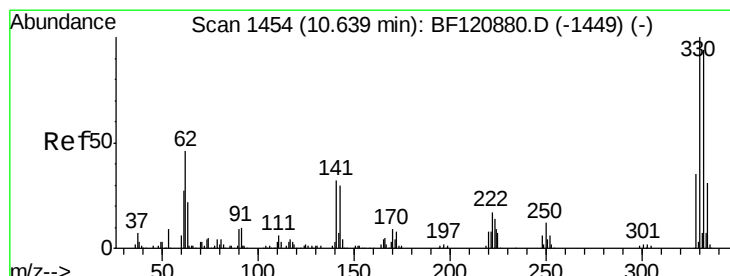
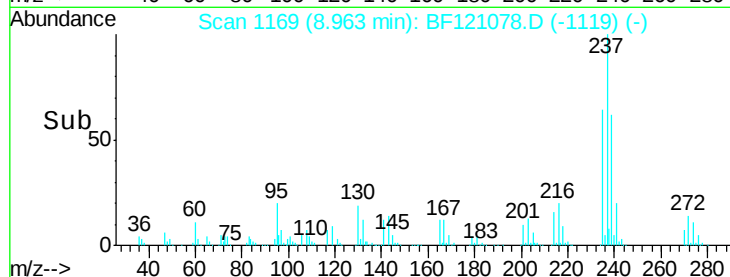
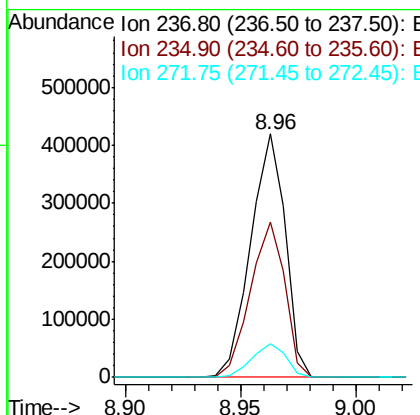
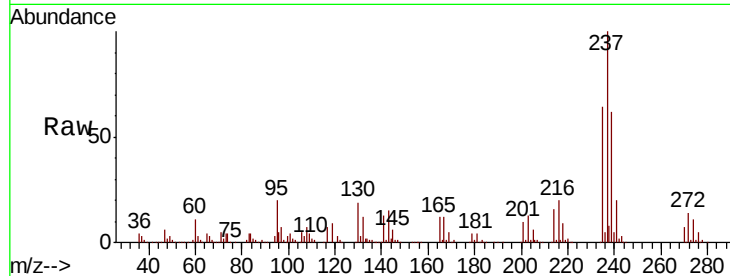
#41
Hexachlorocyclopentadiene
Concen: 81.667 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.7	41.6	81.6		
272	13.8	0.0	33.7		

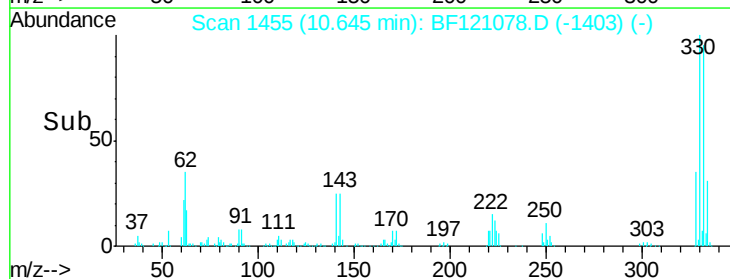
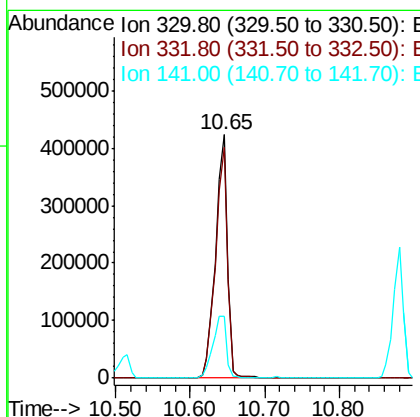
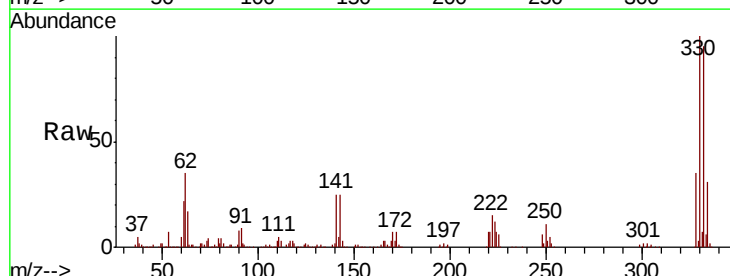
Manual Integrations
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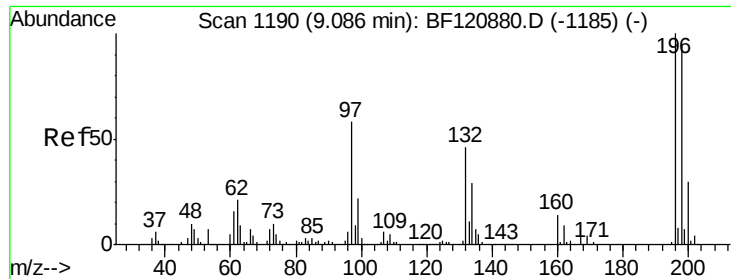
mohammad
7/29/2020 11:47:29 AM



#42
2,4,6-Tribromophenol
Concen: 128.093 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.1	75.5	113.3		
141	29.1	25.7	38.5		





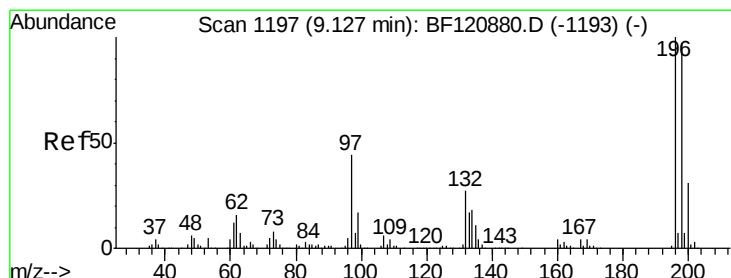
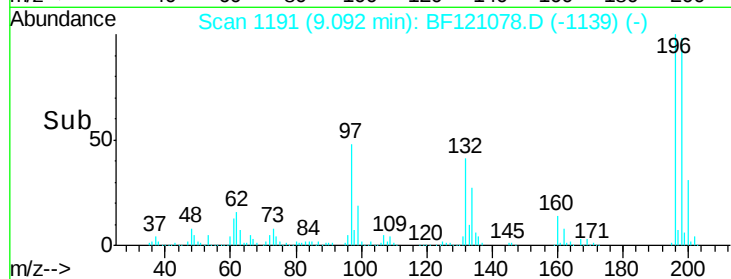
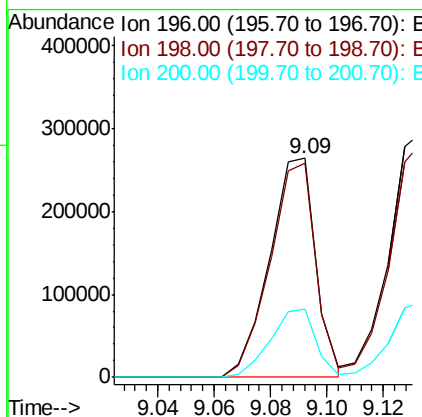
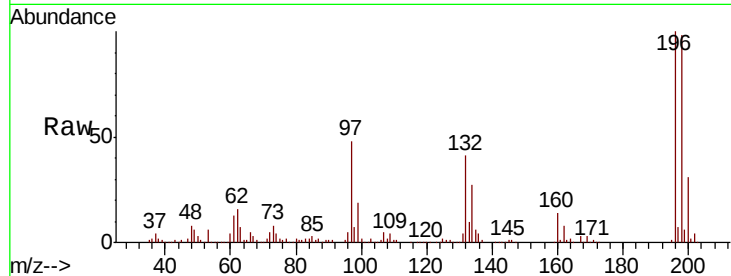
#43
 2,4,6-Trichlorophenol
 Concen: 43.832 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	300237		
198	97.8	75.7	113.5	
200	30.9	24.4	36.6	

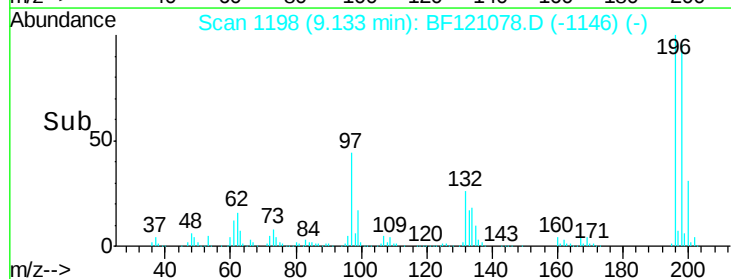
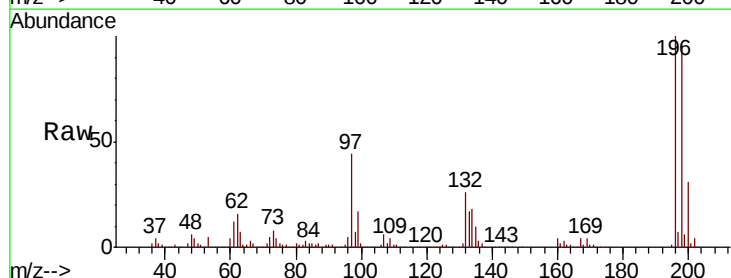
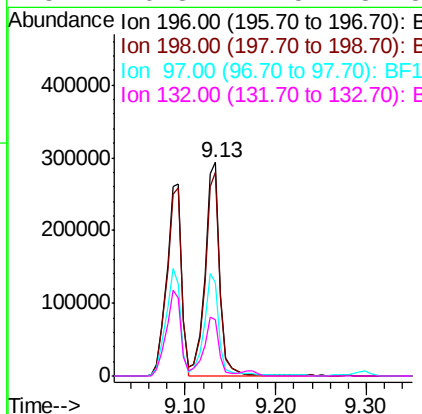
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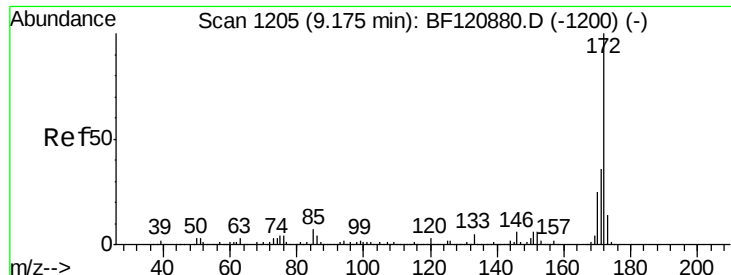
mohammad
 7/29/2020 11:47:29 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.174 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335454		
198	95.6	77.6	116.4	
97	44.0	35.6	53.4	
132	26.3	21.5	32.3	





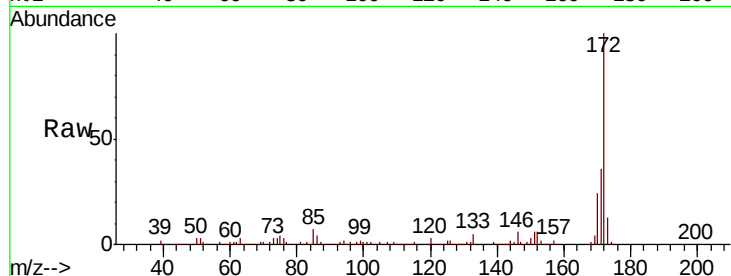
#45
2-Fluorobiphenyl
Concen: 75.853 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.3	19.6	29.4

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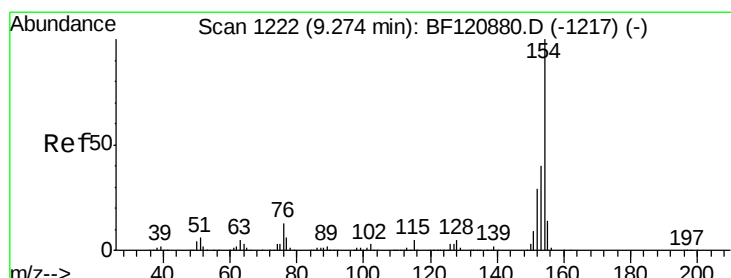
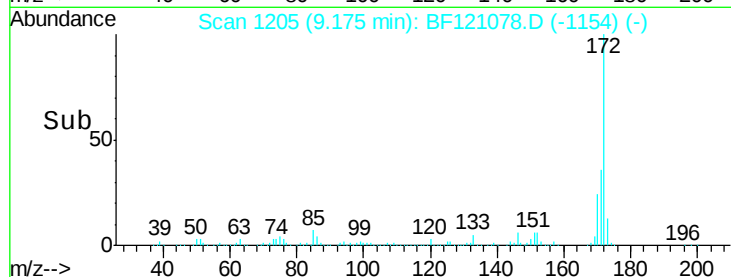
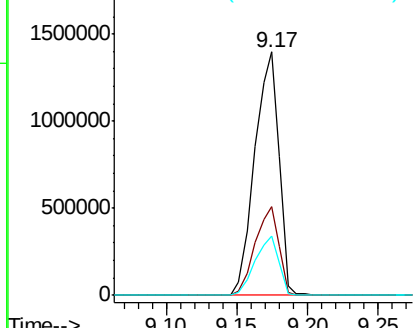


Abundance

Ion 172.00 (171.70 to 172.70): E

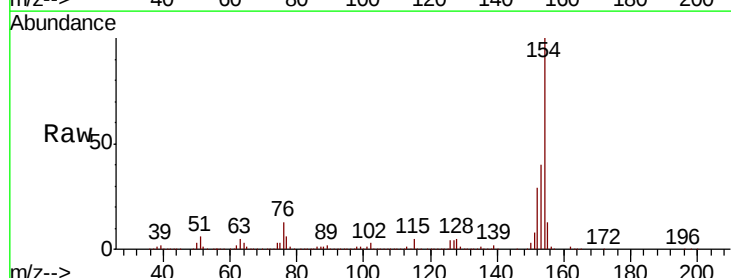
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.378 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	12.6	0.0	33.1

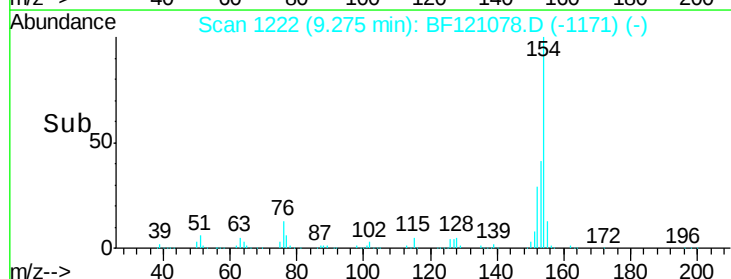
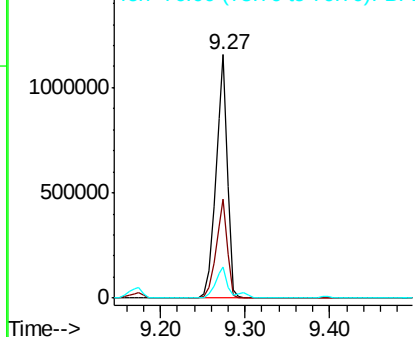


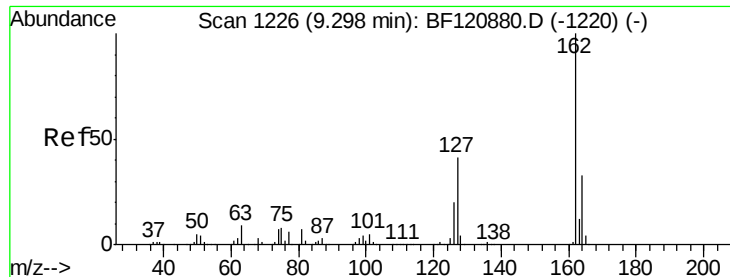
Abundance

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





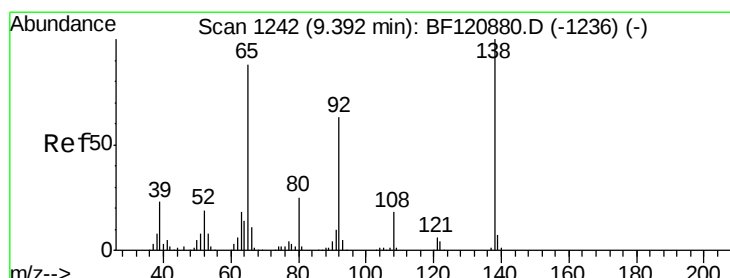
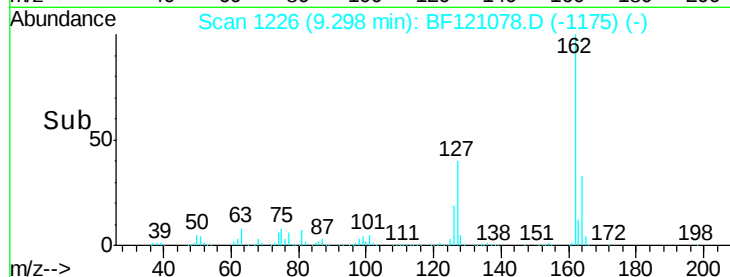
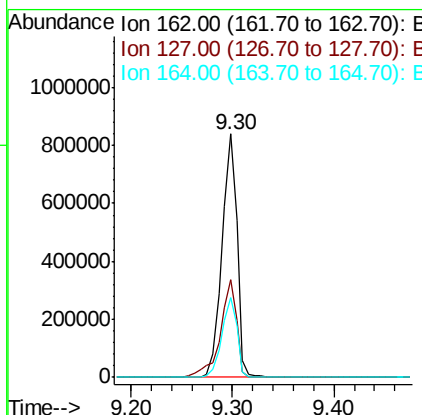
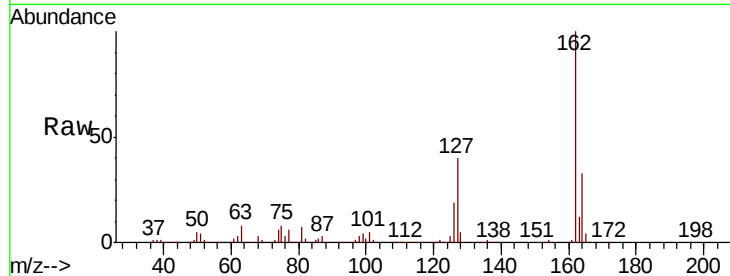
#47
 2-Chloronaphthalene
 Concen: 41.554 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	862894		
127	40.1	33.3	49.9	
164	32.7	26.6	39.8	

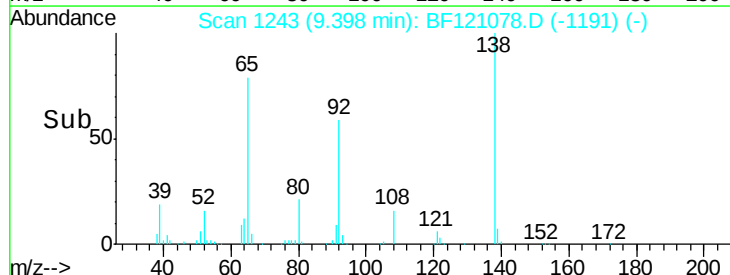
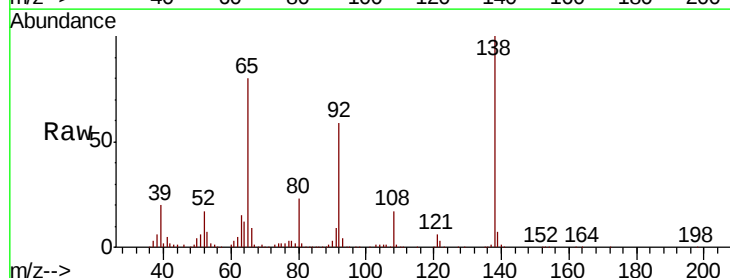
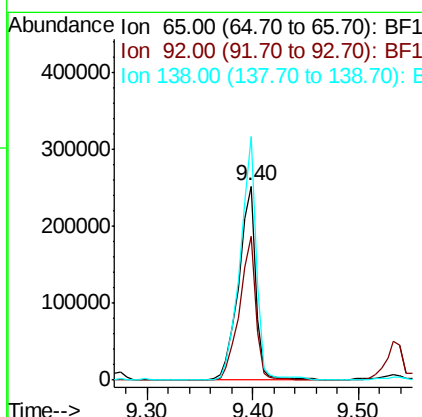
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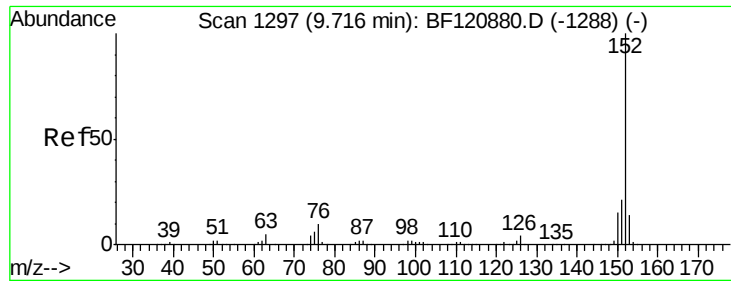
mohammad
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#48
 2-Nitroaniline
 Concen: 45.044 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	282674		
92	74.2	57.0	85.4	
138	125.4	90.4	135.6	





#49

Acenaphthylene

Concen: 43.175 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion:152 Resp: 1392805

Ion Ratio Lower Upper

152 100

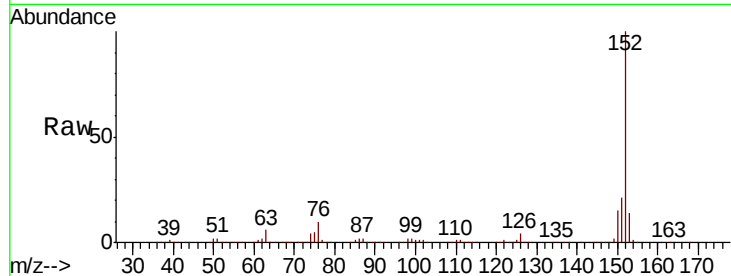
151 20.8 16.6 25.0

153 13.6 10.9 16.3

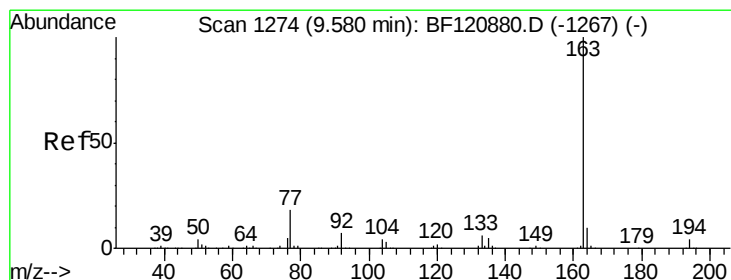
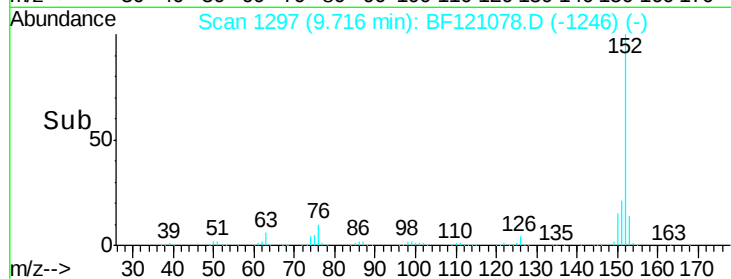
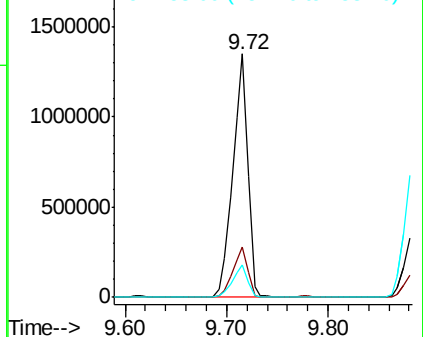
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 54.267 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

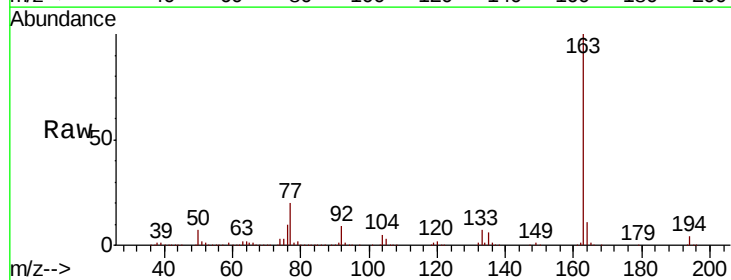
Tgt Ion:163 Resp: 1307224

Ion Ratio Lower Upper

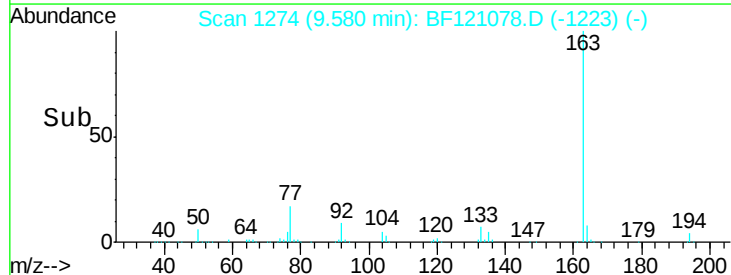
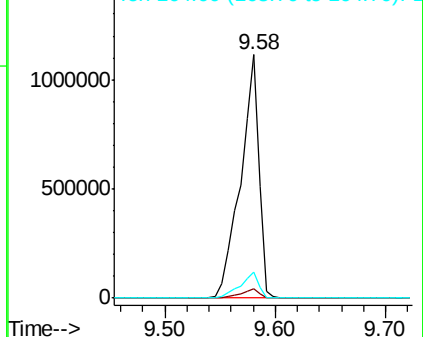
163 100

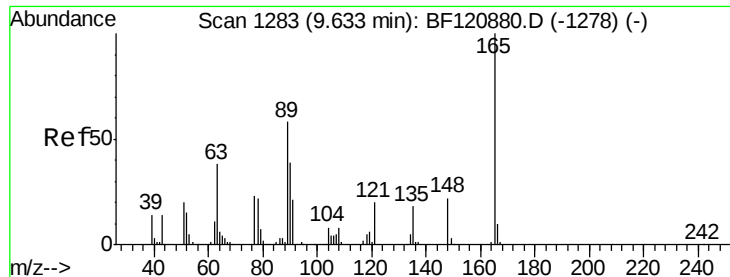
194 3.9 3.2 4.8

164 10.5 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: 45.967 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion:165 Resp: 237888

Ion Ratio Lower Upper

165 100

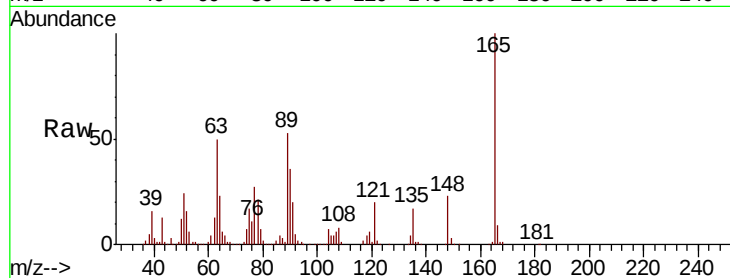
63 50.0 45.4 68.2

89 52.8 47.0 70.4

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

300000

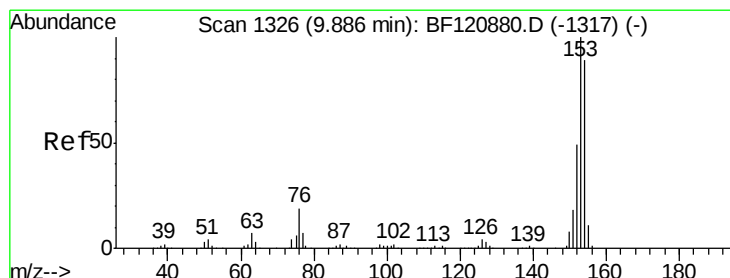
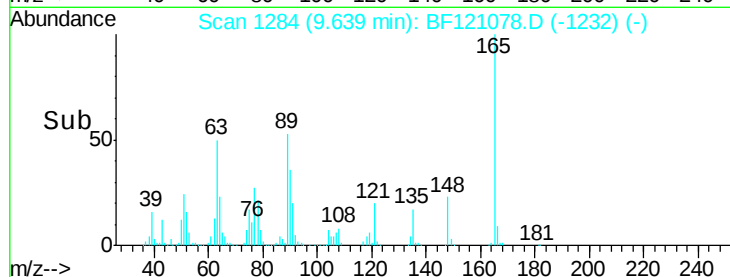
200000

100000

0

9.55 9.60 9.65 9.70

Time-->



#52

Acenaphthene

Concen: 47.302 ng m

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

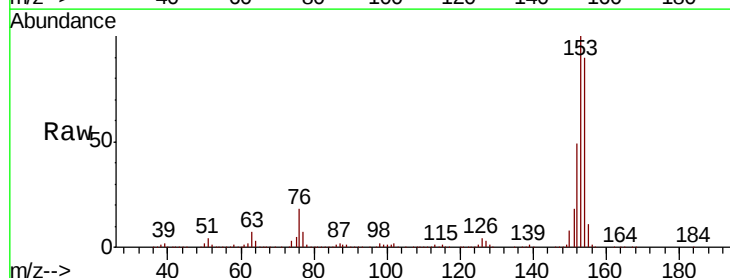
Tgt Ion:154 Resp: 970159

Ion Ratio Lower Upper

154 100

153 111.4 89.5 134.3

152 54.3 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

1200000

1000000

800000

600000

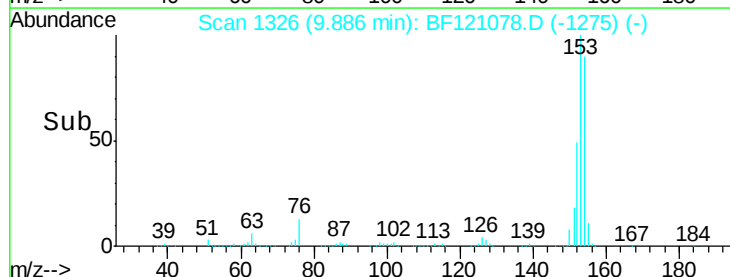
400000

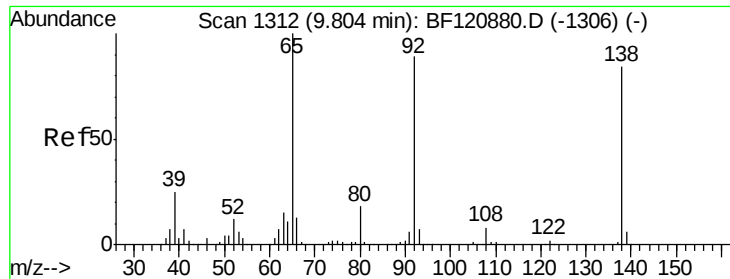
200000

0

9.85 9.90 9.95

Time-->





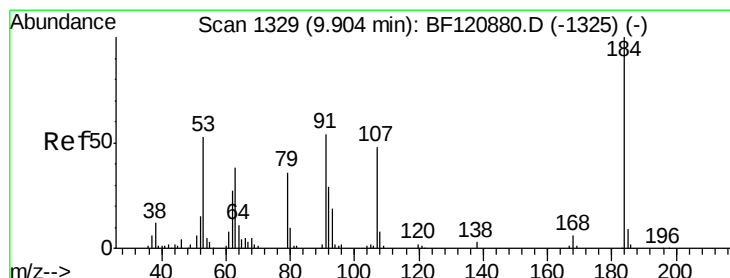
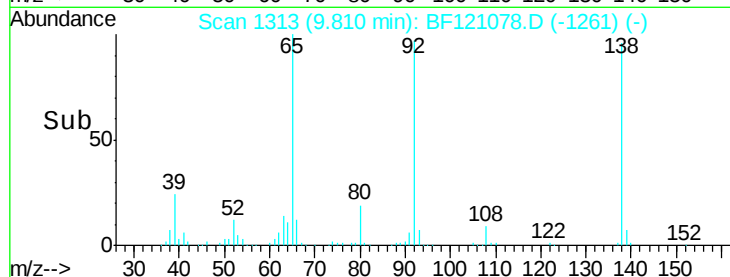
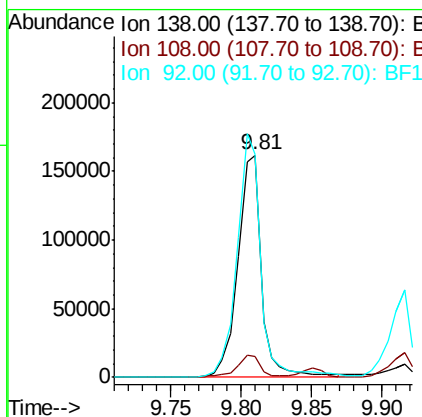
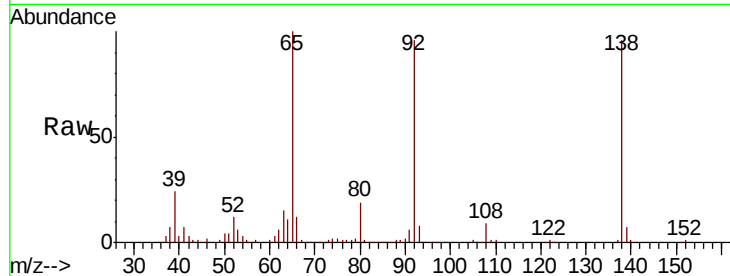
#53
3-Nitroaniline
Concen: 29.289 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	7.9	11.9
92	100.5	85.3	127.9

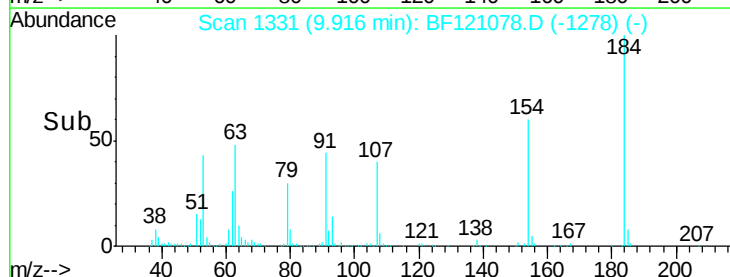
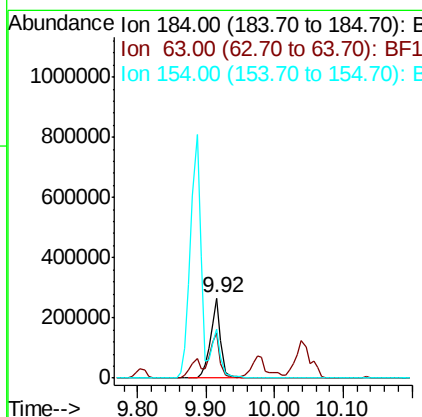
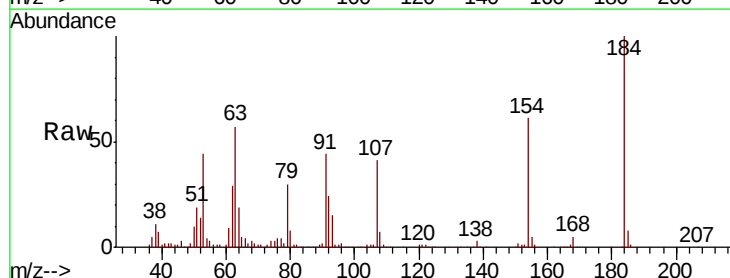
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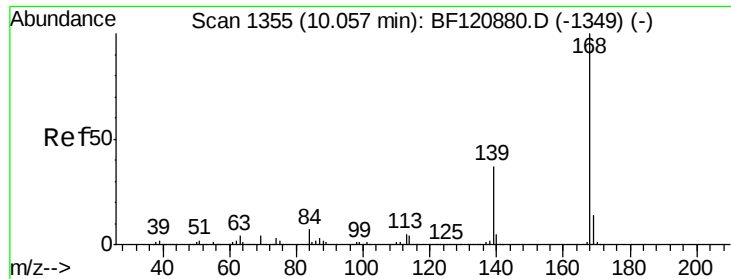
mohammad
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#54
2,4-Dinitrophenol
Concen: 92.597 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.9	57.9	86.9#
154	60.6	52.6	78.8





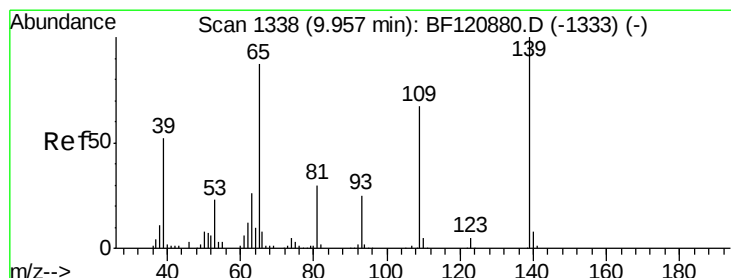
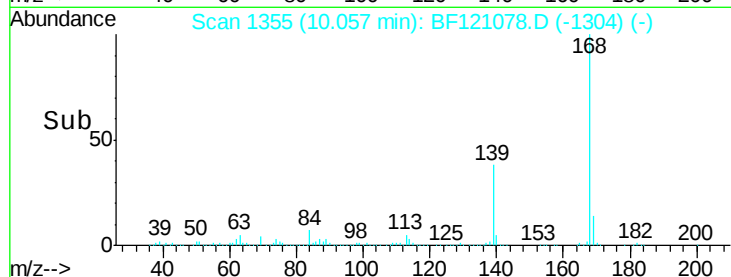
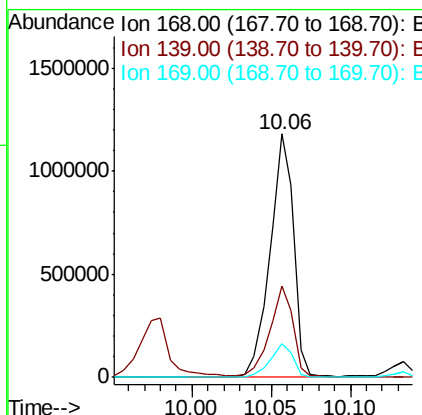
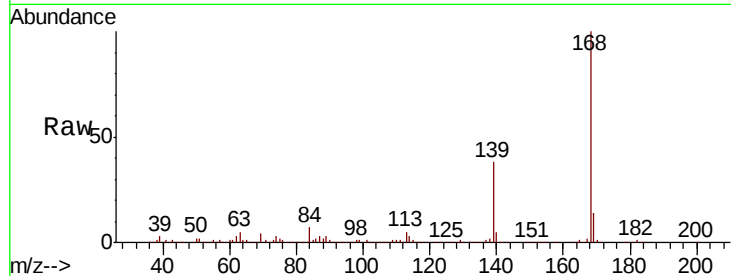
#55
Dibenzofuran
Concen: 41.364 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.7	44.5
169	14.0	11.1	16.7

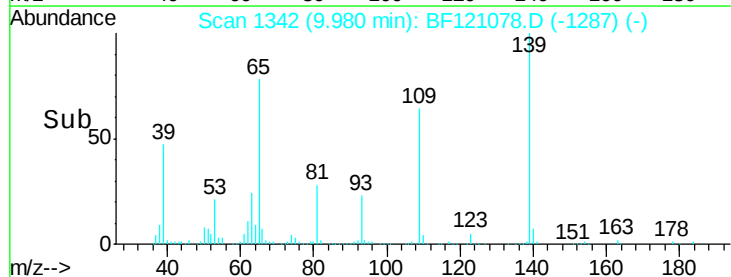
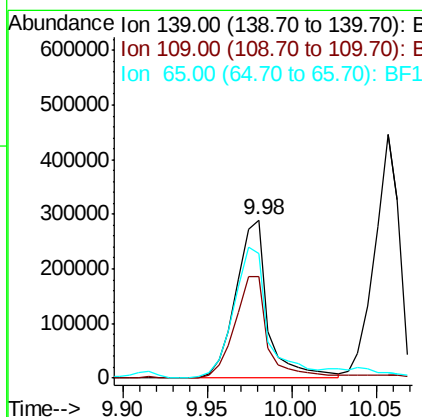
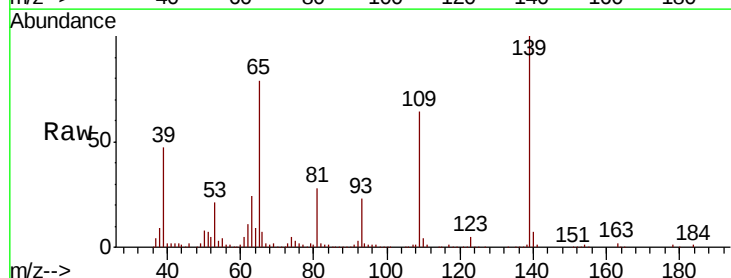
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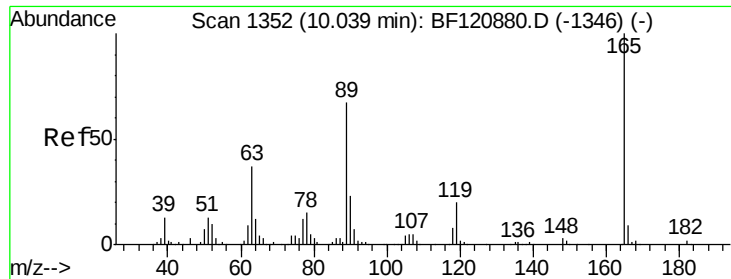
mohammad
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#56
4-Nitrophenol
Concen: 77.588 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.8	47.3	87.3
65	78.6	67.2	107.2





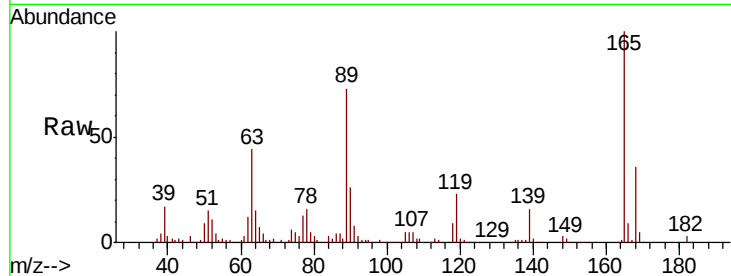
#57
2,4-Dinitrotoluene
Concen: 48.391 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

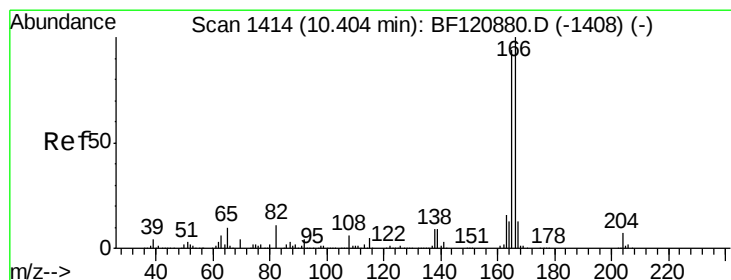
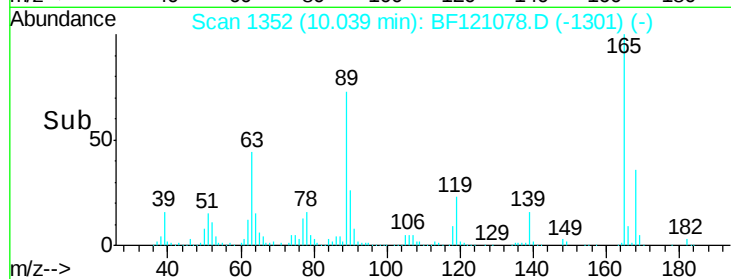
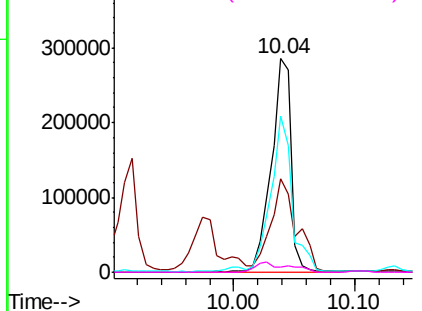
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		328872		
63	44.0	29.4	44.2		
89	73.4	53.4	80.0		
182	2.5	1.8	2.6		

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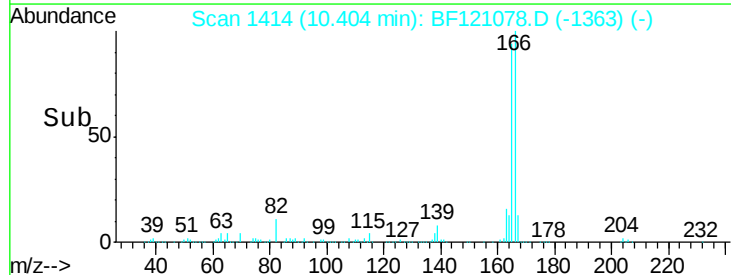
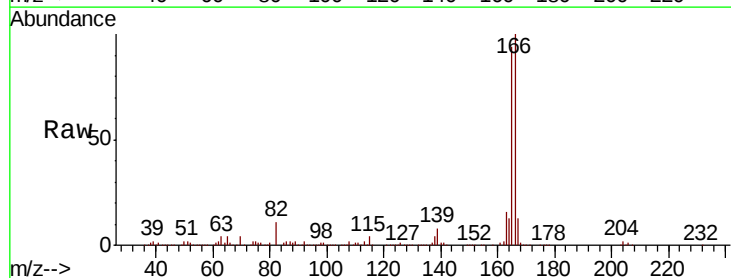
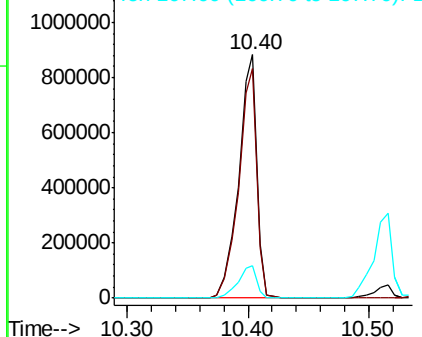
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.716 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		922795		
165	94.1	75.4	113.0		
167	13.4	10.6	15.8		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





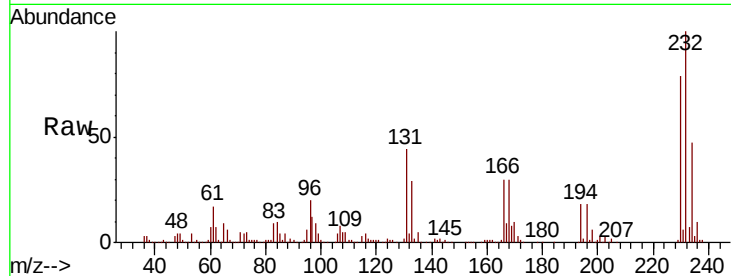
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.024 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

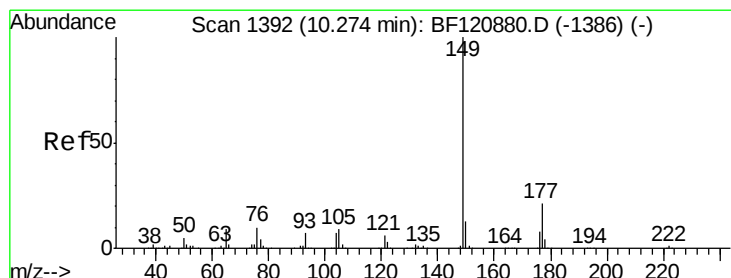
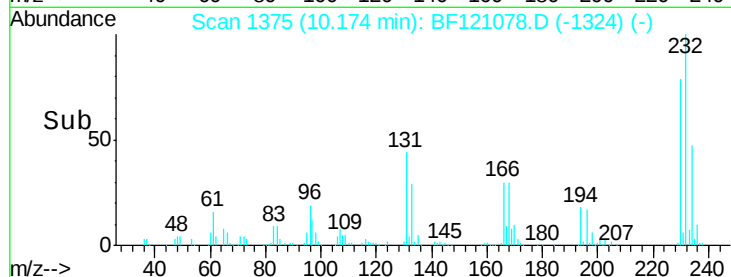
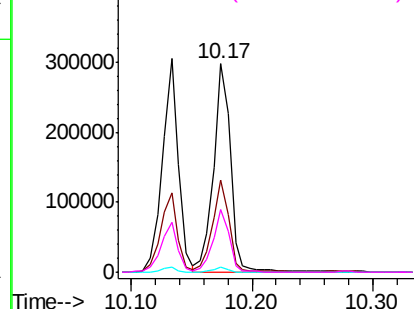
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.0	37.1	55.7
130	2.2	1.7	2.5
166	29.0	24.2	36.4

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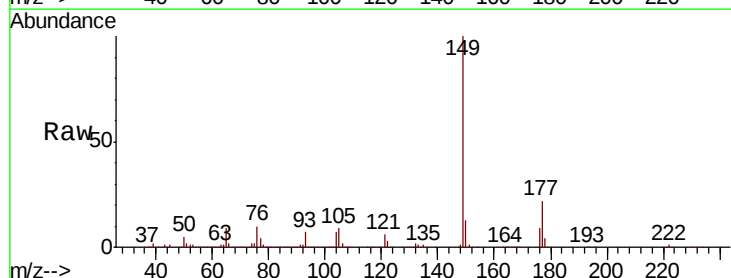


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

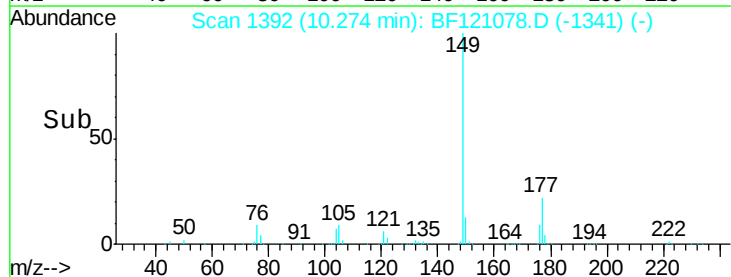
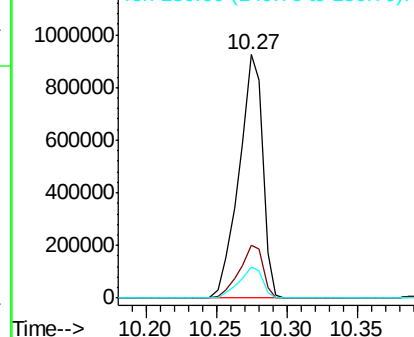


#60
Diethylphthalate
Concen: 44.290 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.8	10.3	15.5



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





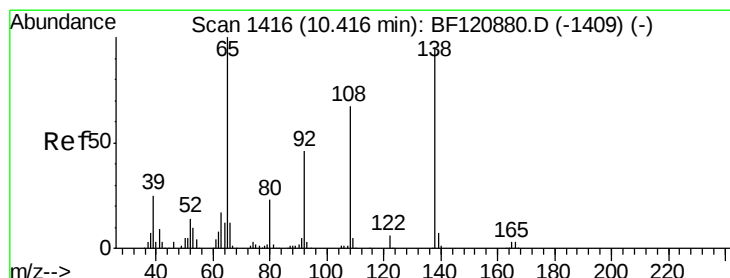
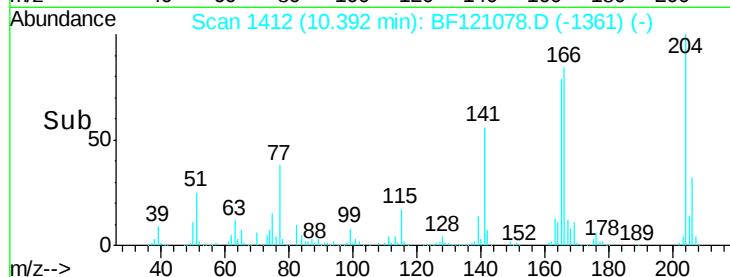
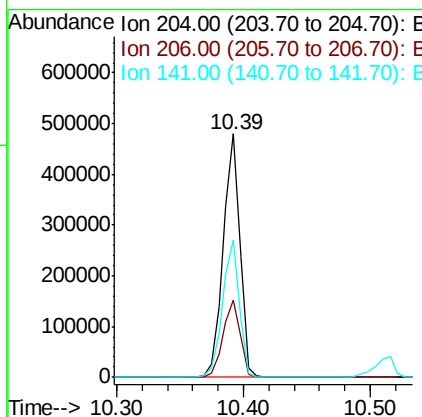
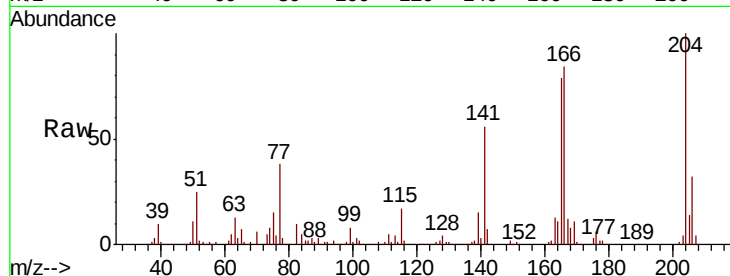
#61
 4-Chlorophenyl-phenylether
 Concen: 37.452 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	25.9	38.9
141	56.4	47.2	70.8

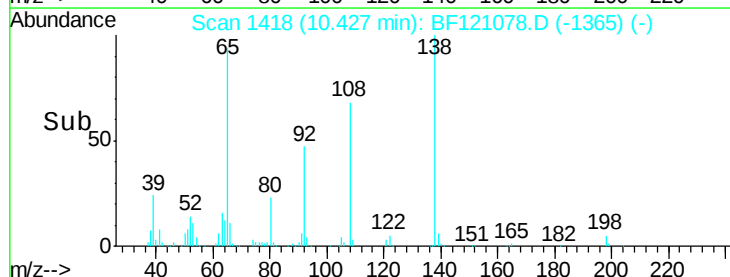
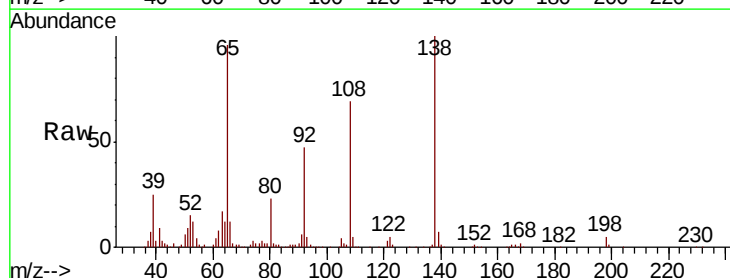
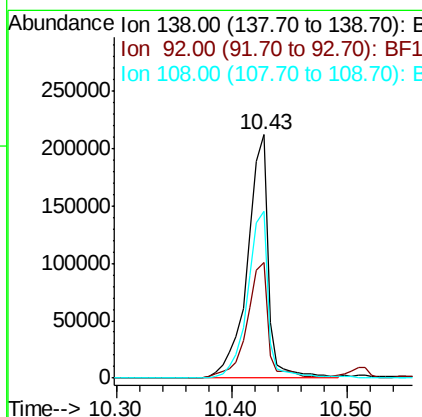
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#62
 4-Nitroaniline
 Concen: 42.515 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	28.6	68.6
108	68.5	51.1	91.1





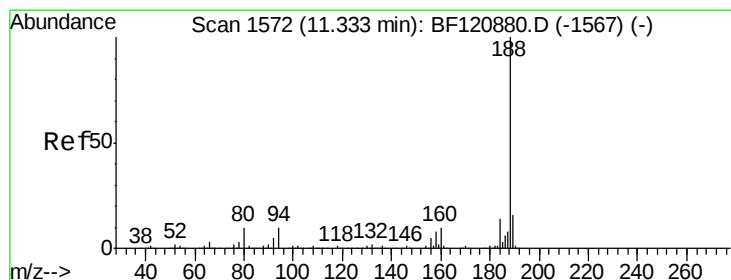
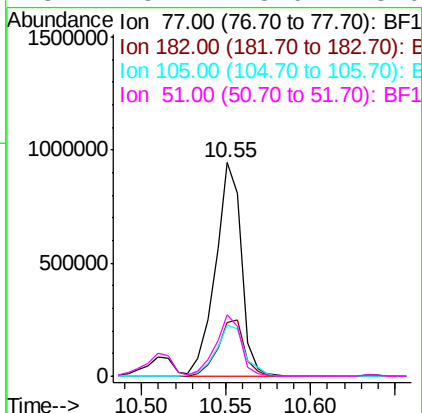
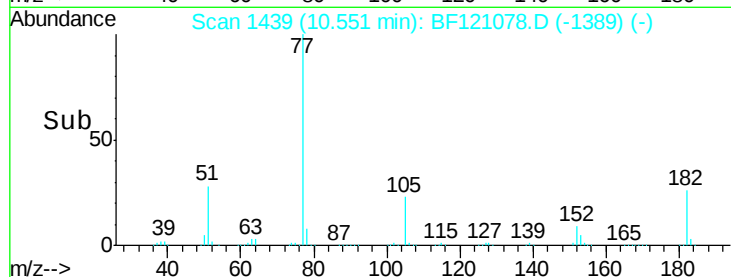
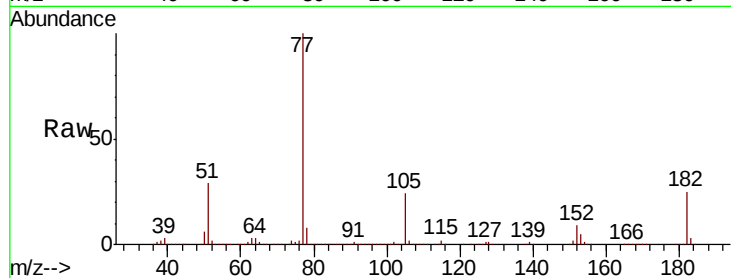
#63
Azobenzene
Concen: 43.135 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	7.8	47.8
105	23.9	4.4	44.4
51	28.7	8.0	48.0

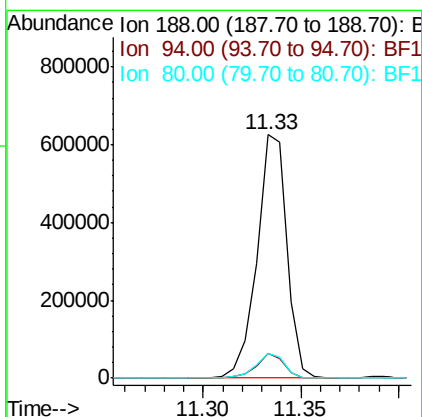
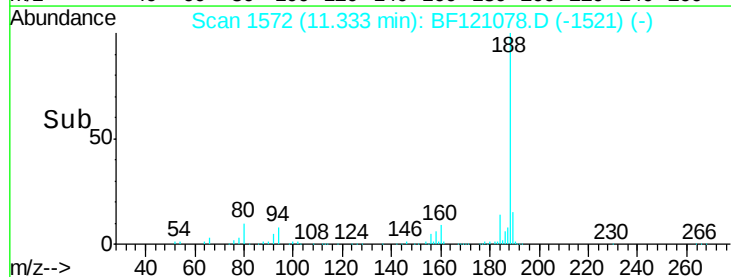
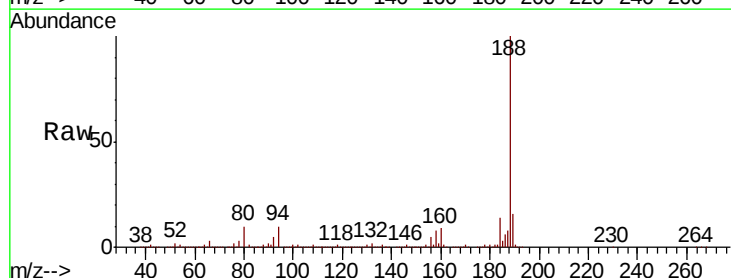
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.0	12.0
80	10.3	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 47.241 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion:198 Resp: 180723

Ion Ratio Lower Upper

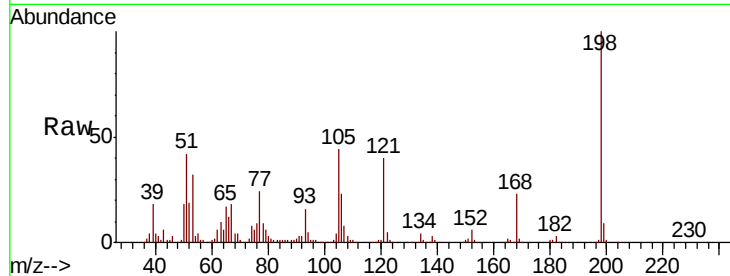
198 100

51 42.2 19.5 59.5

105 43.6 24.4 64.4

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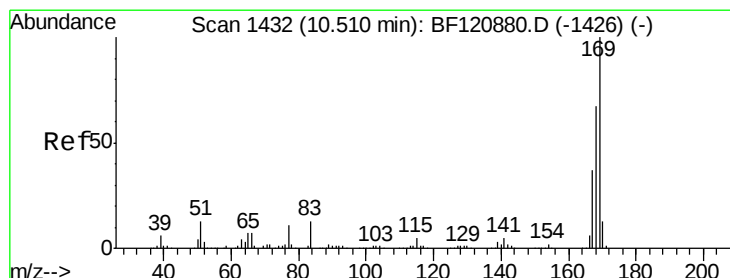
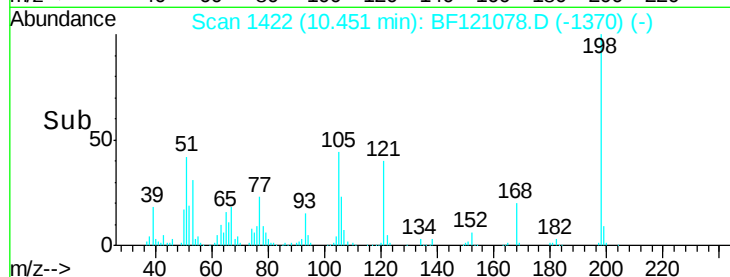
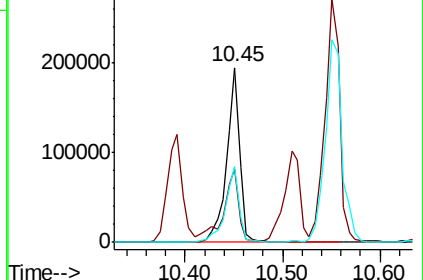
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.069 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

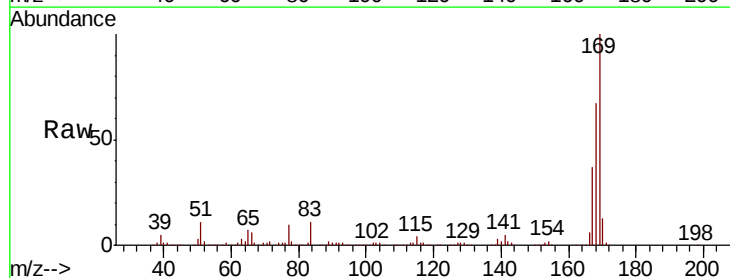
Tgt Ion:169 Resp: 896806

Ion Ratio Lower Upper

169 100

168 67.0 53.4 80.0

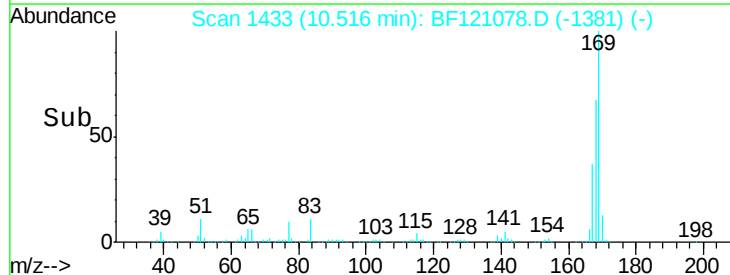
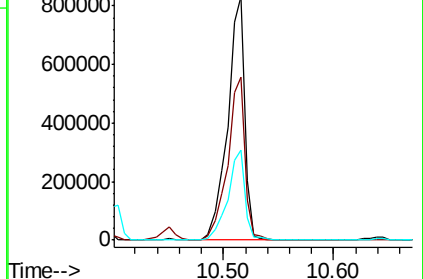
167 37.0 29.4 44.0

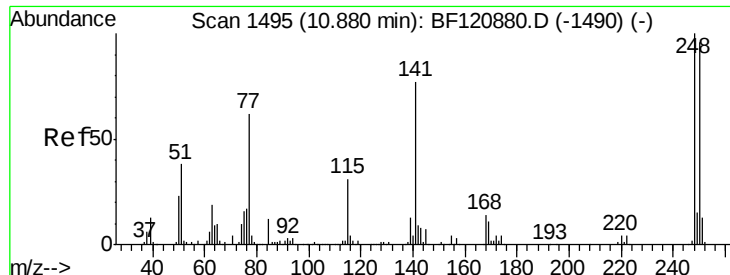


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





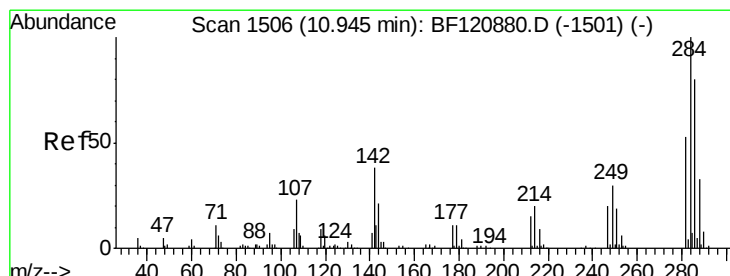
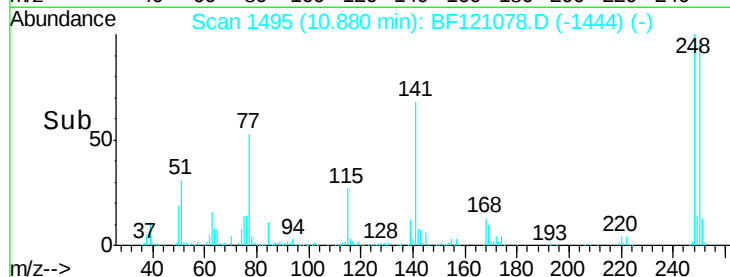
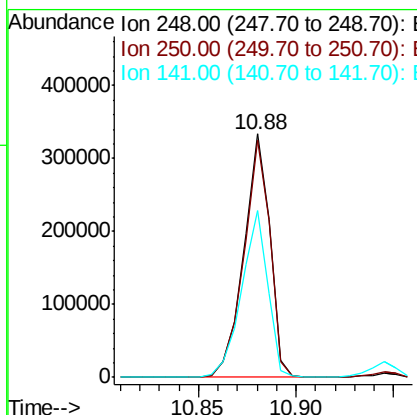
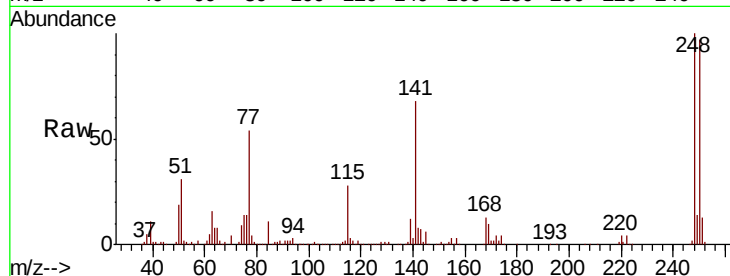
#67
 4-Bromophenyl-phenylether
 Concen: 41.878 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion:	248	Resp:	309058
Ion Ratio	Lower	Upper	
248	100		
250	97.2	77.1	115.7
141	68.5	61.2	91.8

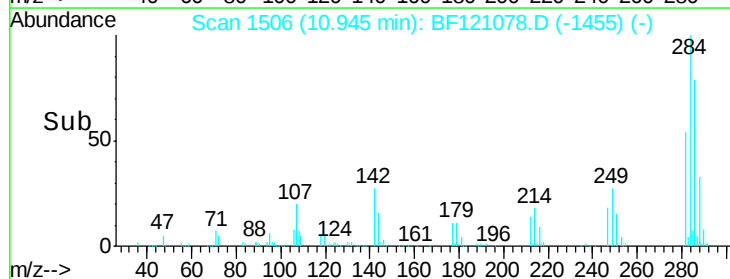
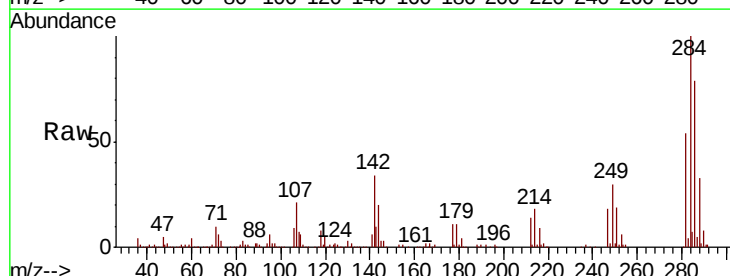
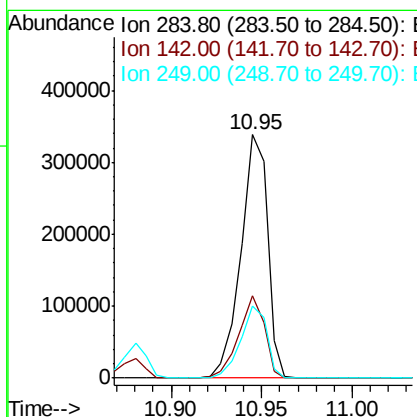
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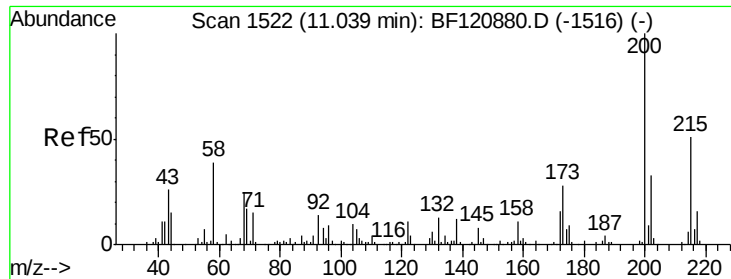
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#68
 Hexachlorobenzene
 Concen: 43.398 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion:	284	Resp:	346448
Ion Ratio	Lower	Upper	
284	100		
142	33.8	30.2	45.2
249	29.5	24.2	36.2





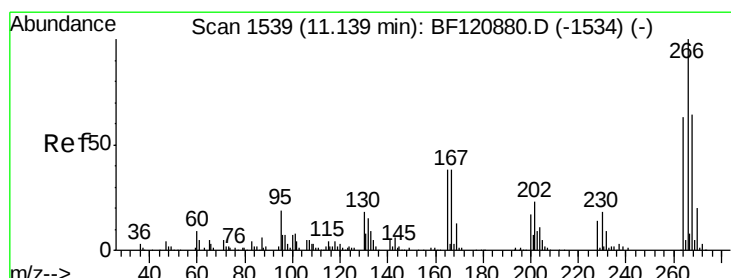
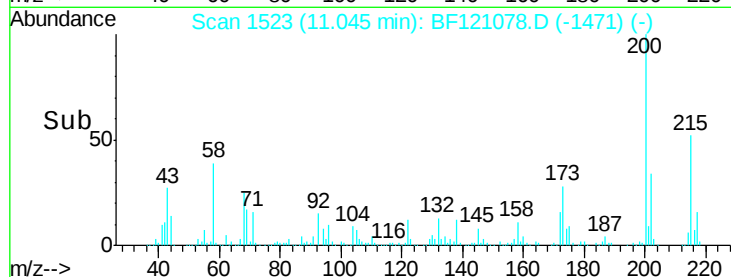
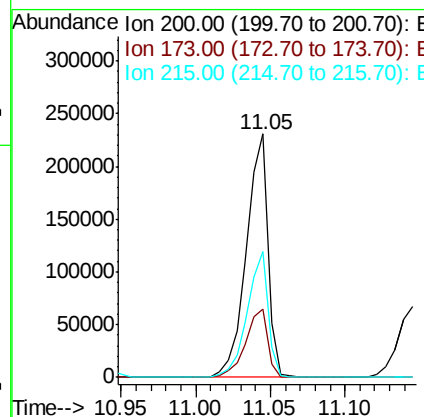
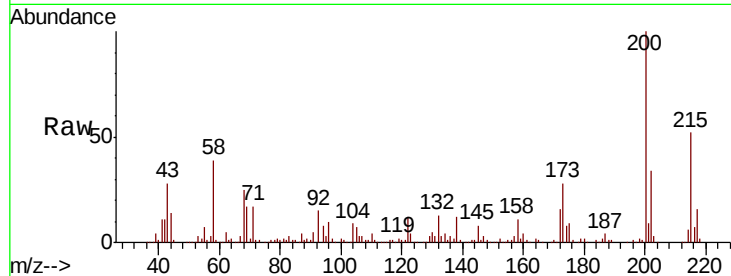
#69
Atrazine
Concen: 45.117 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.0	8.0	48.0
215	51.6	31.5	71.5

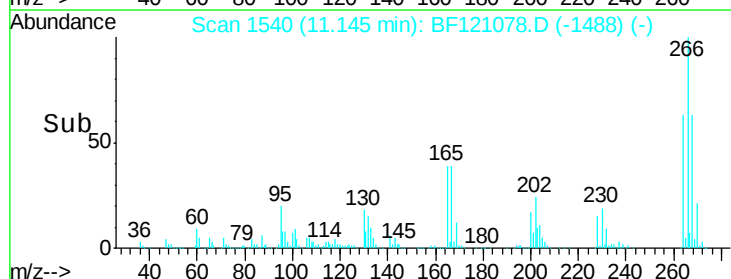
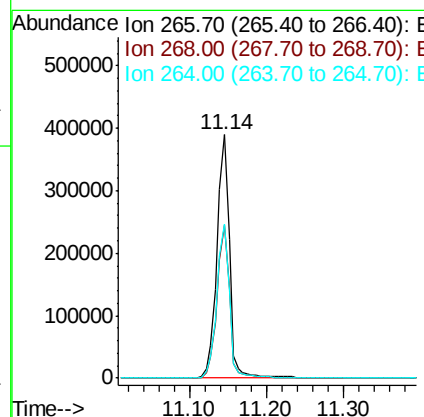
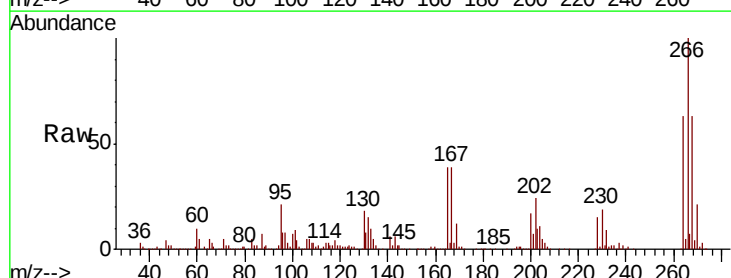
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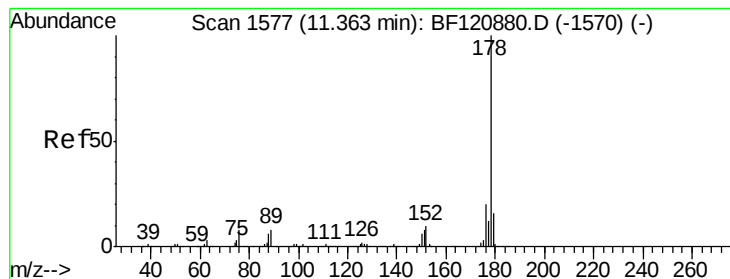
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#70
Pentachlorophenol
Concen: 95.296 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

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





#71

Phenanthrene

Concen: 41.266 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

ClientSampleId :

20200438-3001AMSD

Tot Ion:178 Resp: 1404807

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

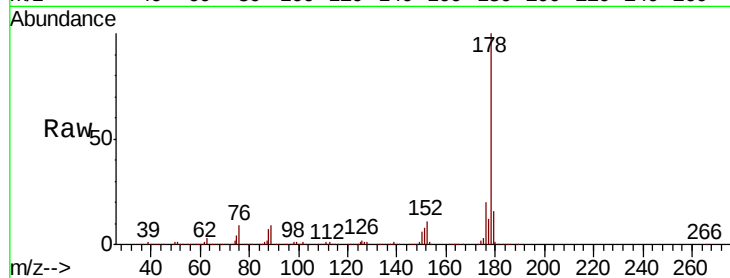
179 15.9 12.8 19.2

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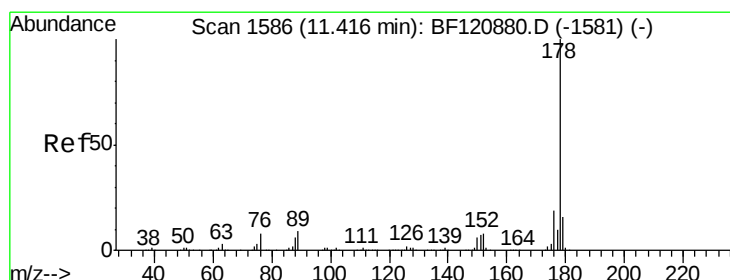
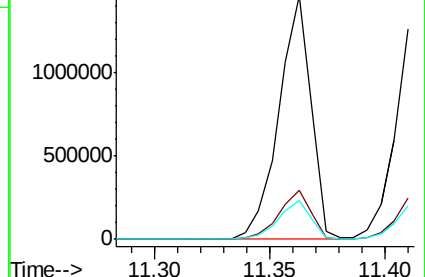
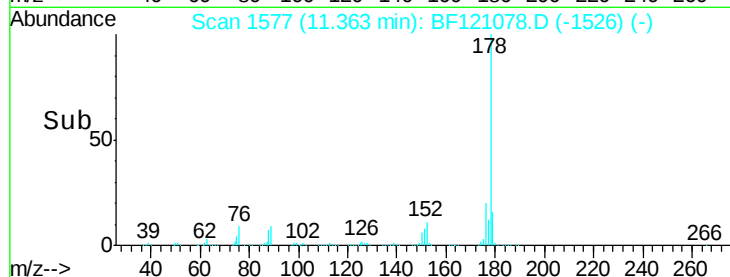
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Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.024 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

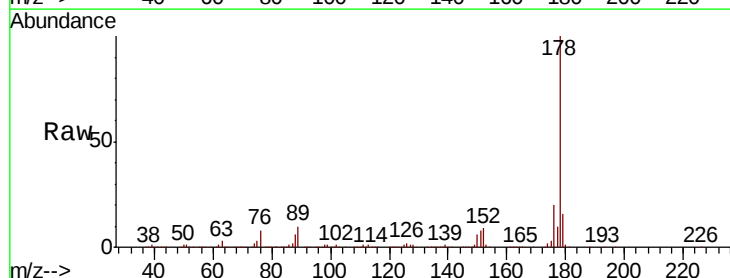
Tgt Ion:178 Resp: 1470734

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

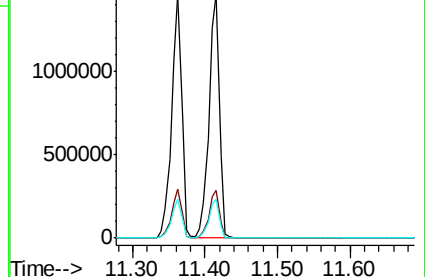
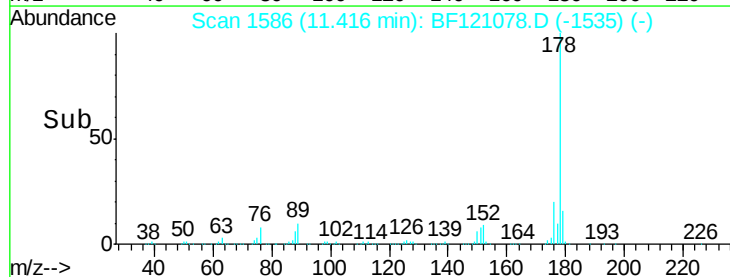
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

2000000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





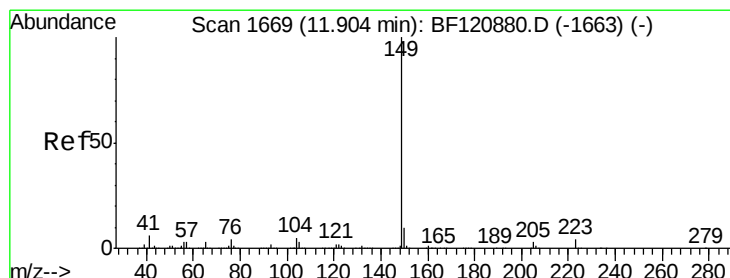
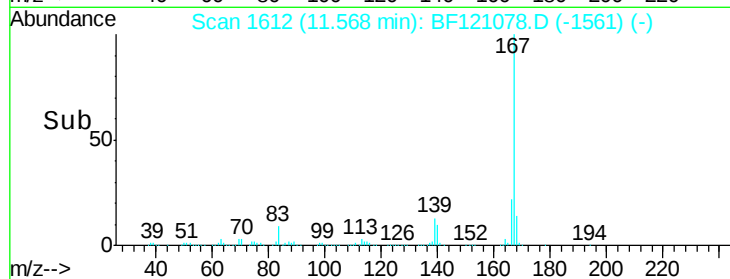
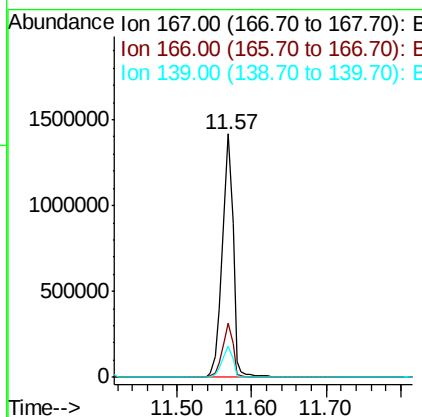
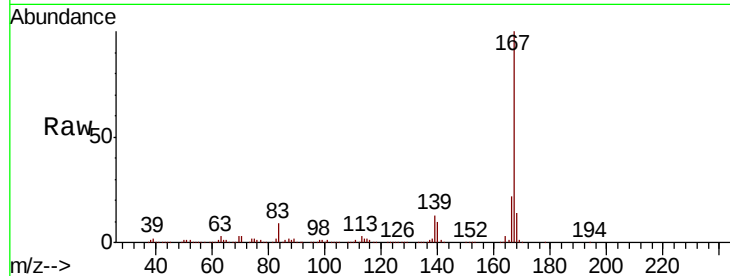
#73
 Carbazole
 Concen: 42.343 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion:167 Resp: 1436443
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.7 26.5
 139 12.9 10.1 15.1

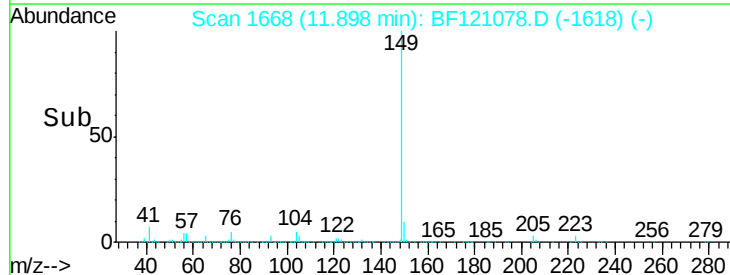
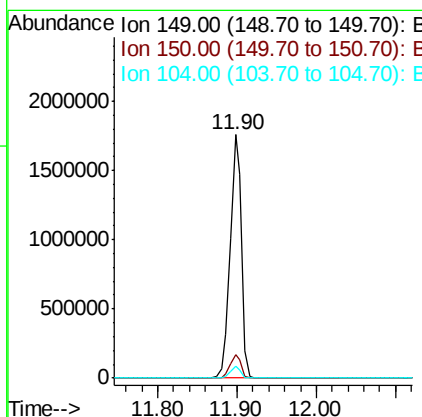
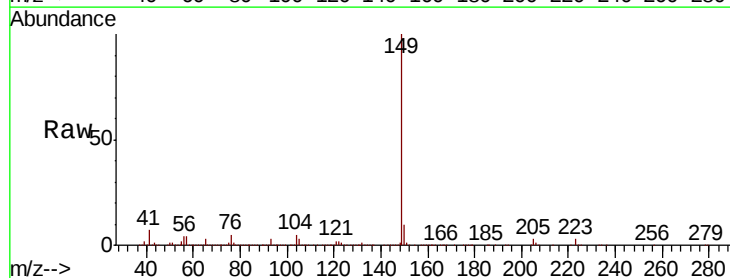
Manual Integrations
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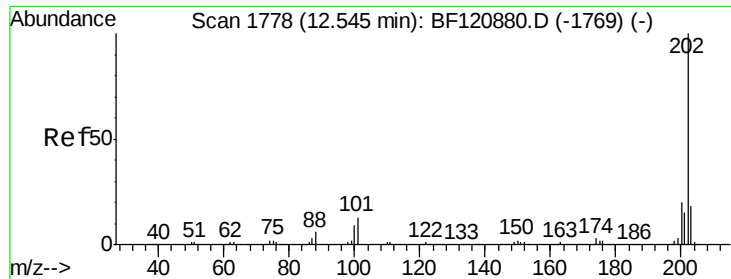
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.954 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion:149 Resp: 1720720
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.8 11.6
 104 5.0 3.8 5.6





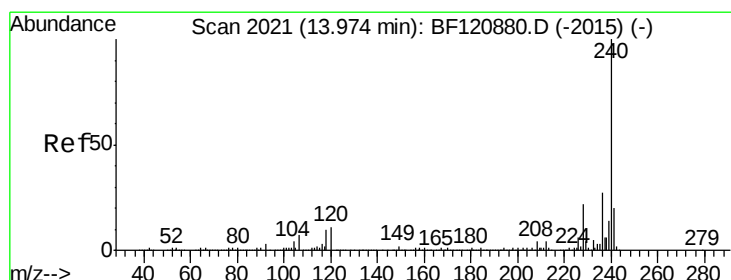
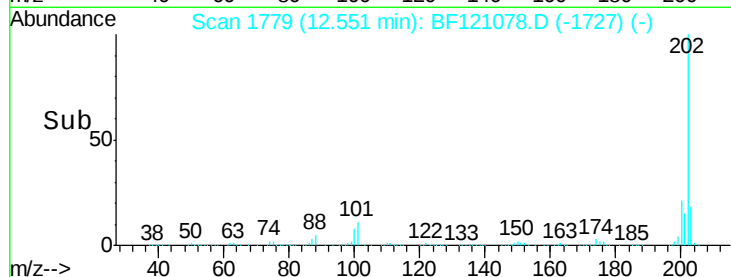
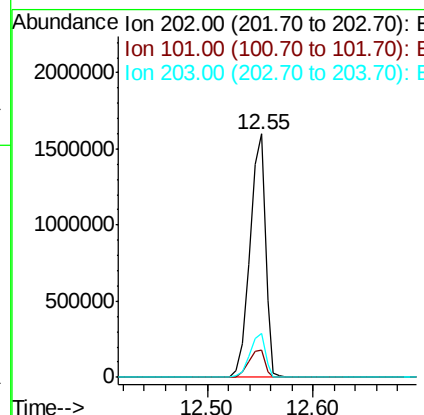
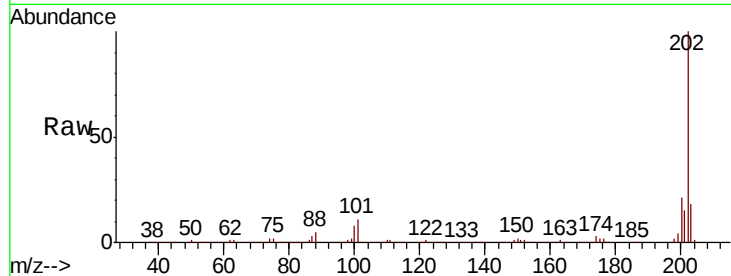
#75
Fluoranthene
Concen: 42.911 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1619200		
101	11.4	0.0	32.7	
203	18.2	0.0	38.0	

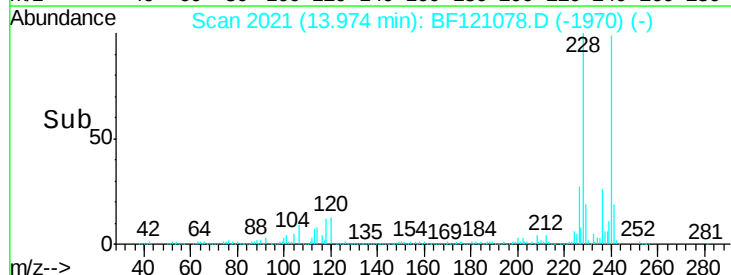
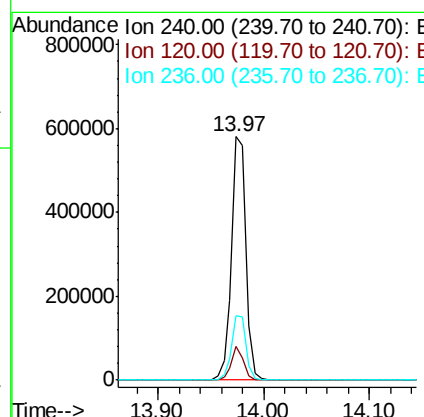
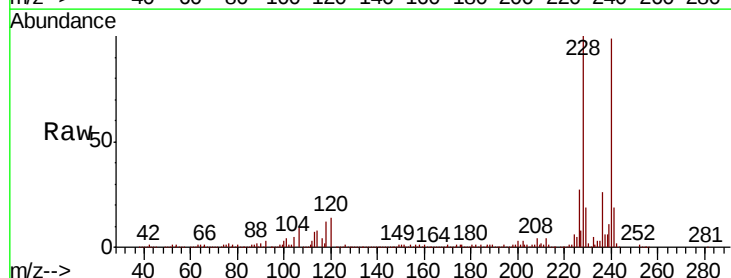
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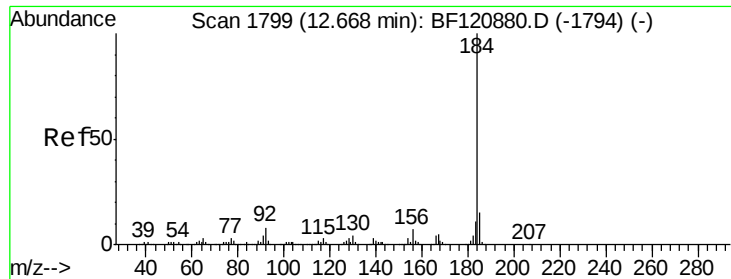
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	549013		
120	13.7	9.0	13.4#	
236	26.5	21.7	32.5	





#77

Benzidine

Concen: 44.767 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

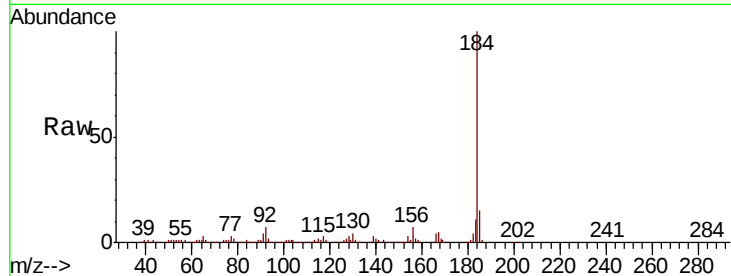
ClientSampleId :

20200438-3001AMSD

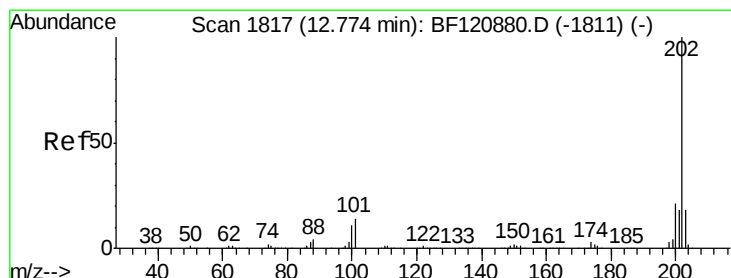
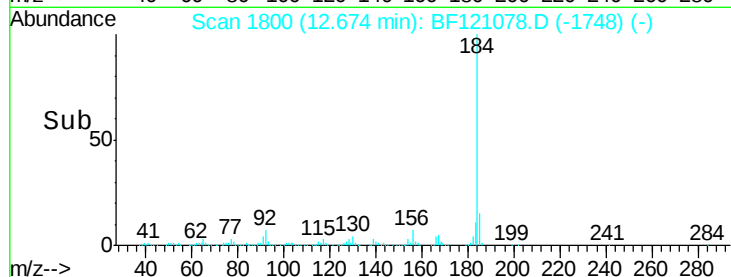
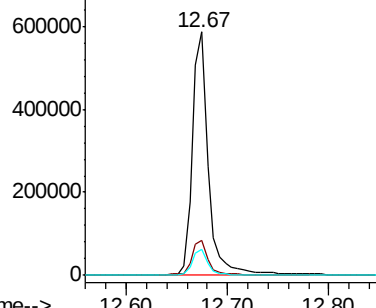
Tot Ion:	184	Resp:	646185
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.2	18.2
183	10.7	8.5	12.7

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Abundance Ion 184.00 (183.70 to 184.70): E
800000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.601 ng

RT: 12.78 min Scan# 1818

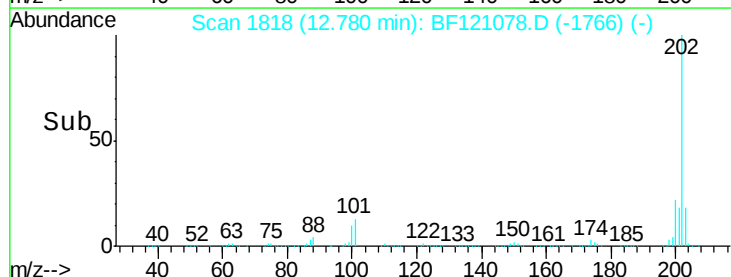
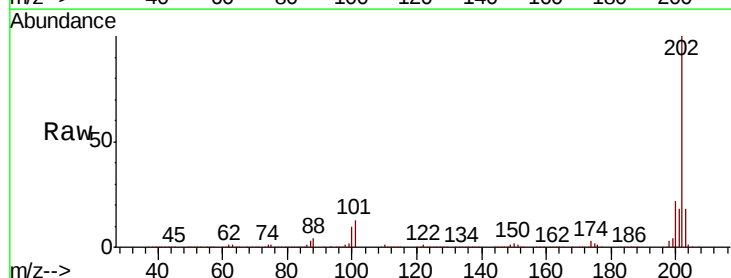
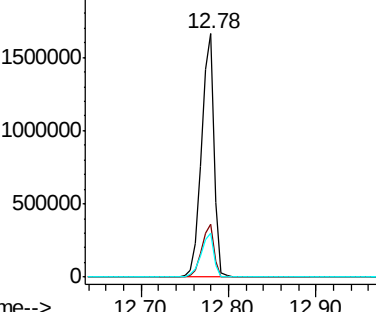
Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Tgt Ion:	202	Resp:	1653576
Ion Ratio		Lower	Upper
202	100		
200	21.7	17.0	25.4
203	18.0	14.4	21.6

Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





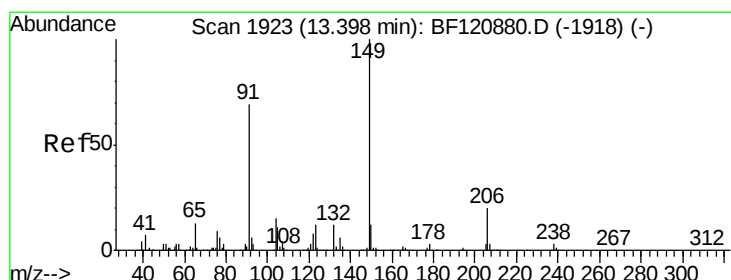
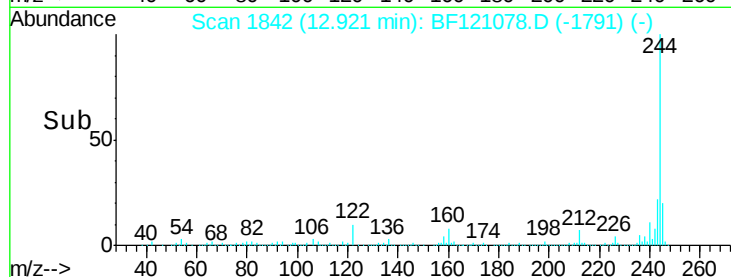
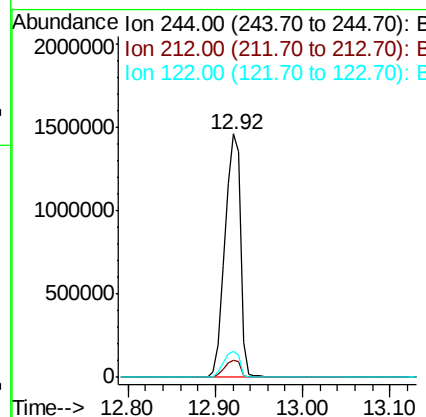
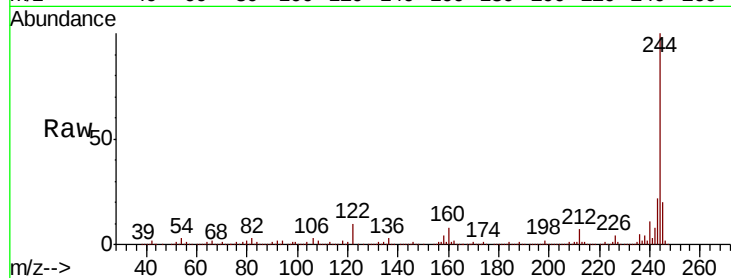
#79
 Terphenyl-d14
 Concen: 72.172 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	10.5	8.9	13.3

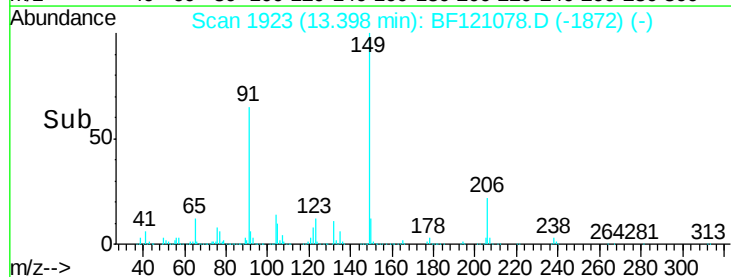
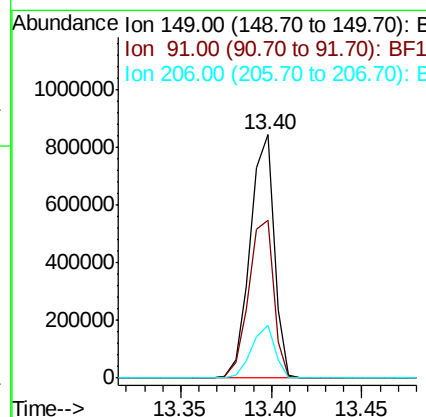
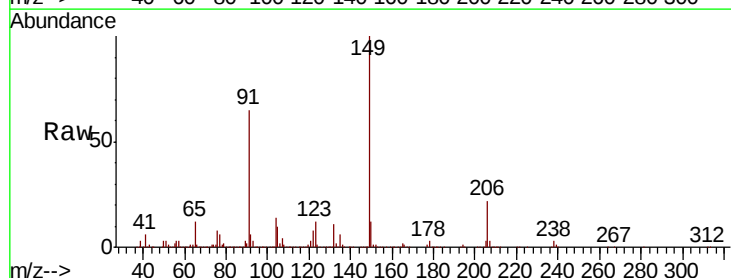
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#80
 Butylbenzylphthalate
 Concen: 45.266 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.6	55.1	82.7
206	21.6	16.1	24.1





#81

Benzo(a)anthracene

Concen: 43.205 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121078.D

Acq: 28 Jul 2020 19:50

Instrument :

BNA_F

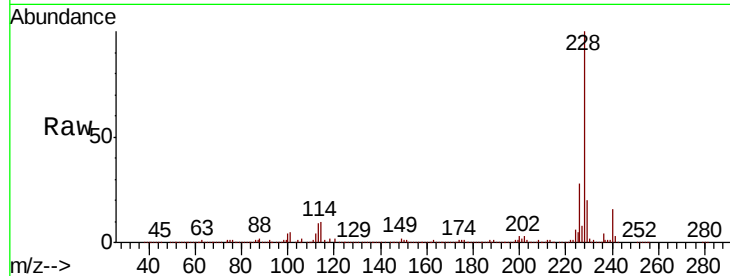
ClientSampleId :

20200438-3001AMSD

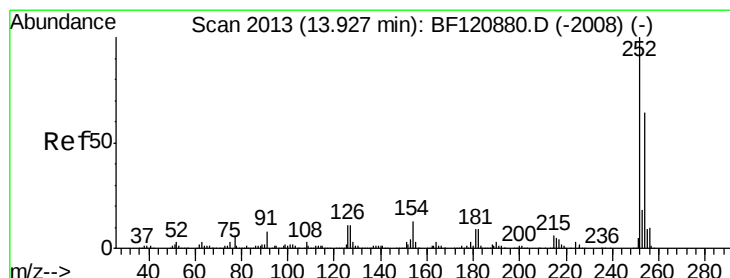
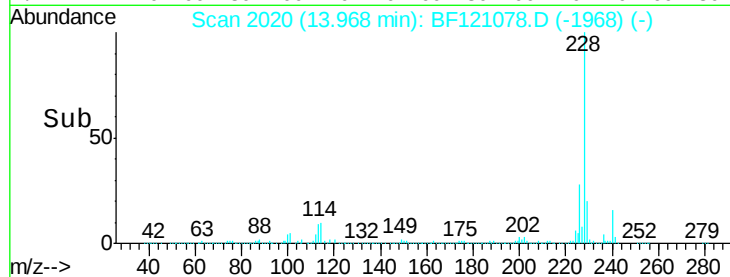
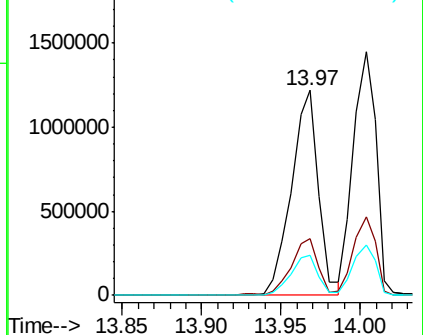
Tot	Ion:228	Resp:	1436374
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.9	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
2000000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.582 ng

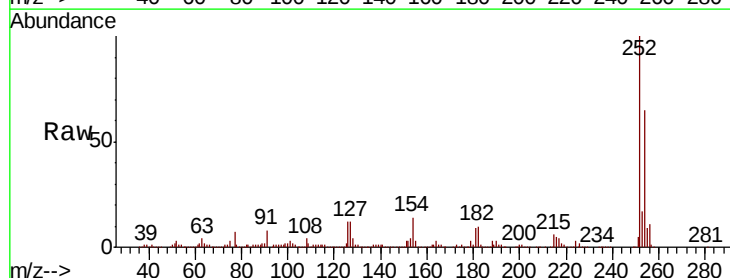
RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

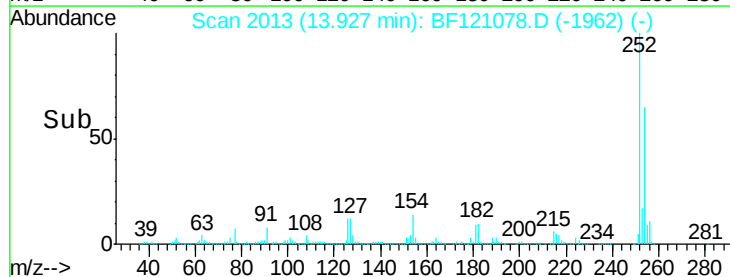
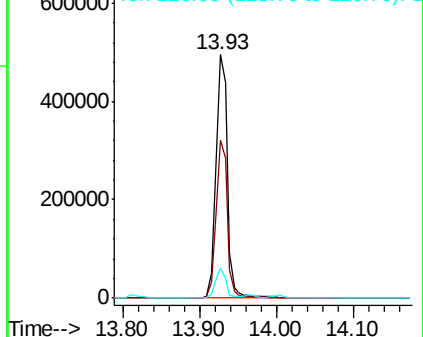
Lab File: BF121078.D

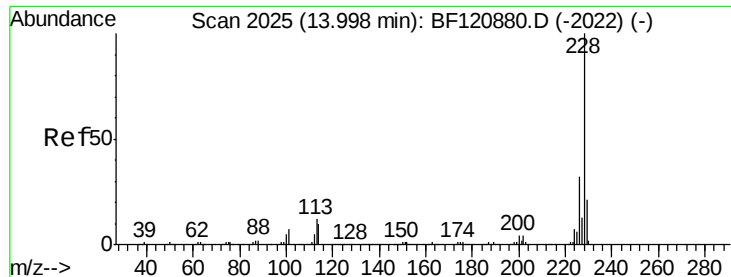
Acq: 28 Jul 2020 19:50

Tgt	Ion:252	Resp:	496463
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	12.3	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
600000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





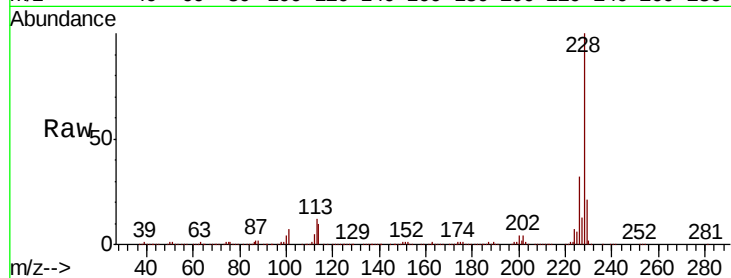
#83
 Chrvsene
 Concen: 42.352 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Instrument :
 BNA_F
 ClientSampleId :
 20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.6	38.4
229	20.7	16.8	25.2

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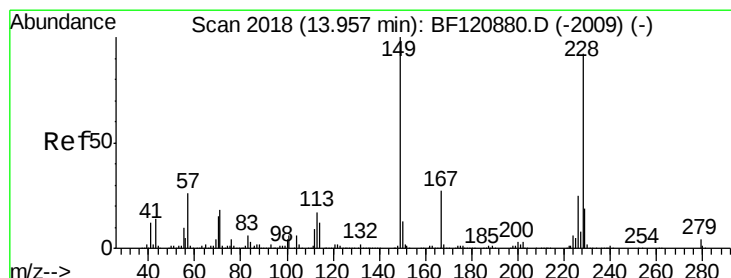
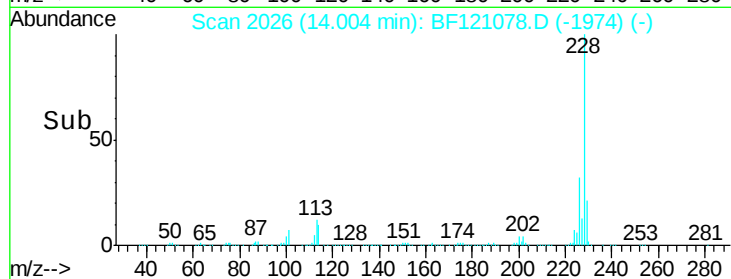
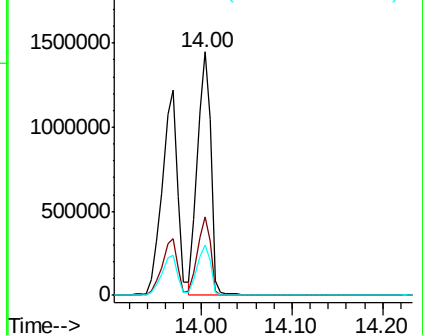


Abundance

Ion 228.00 (227.70 to 228.70): E

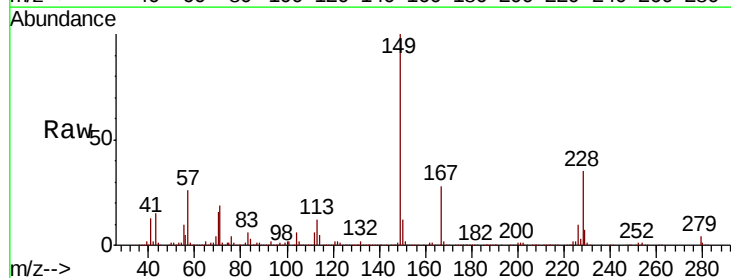
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.287 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF121078.D
 Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.9	32.9
279	3.8	3.0	4.4

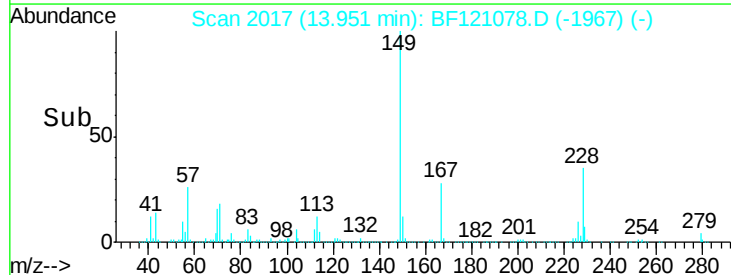
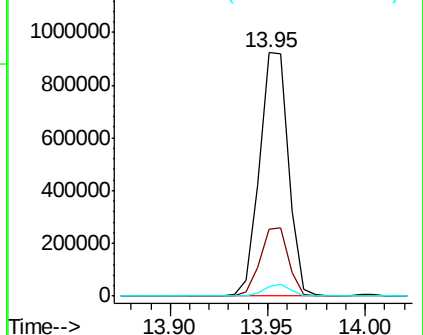


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





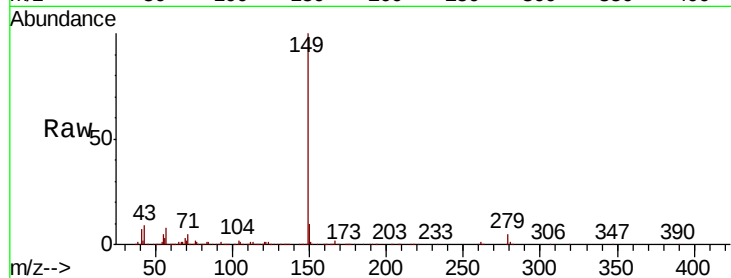
#85
Di-n-octyl phthalate
Concen: 44.479 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

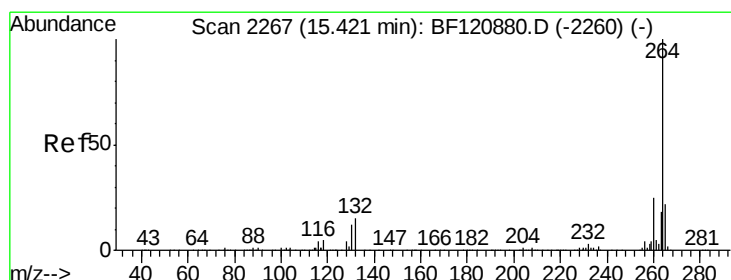
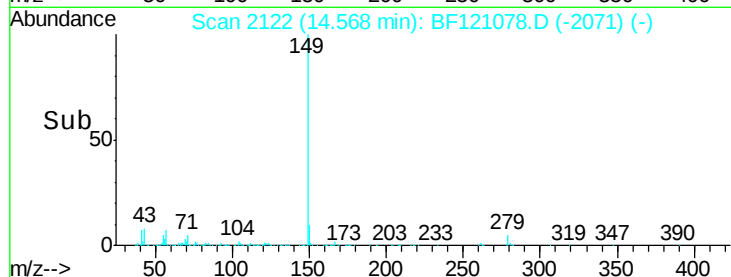
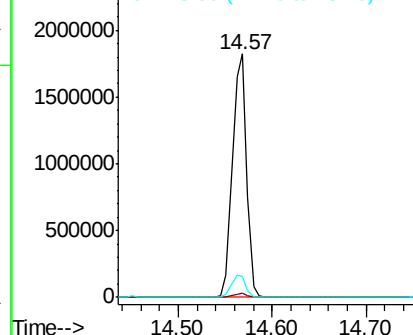
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.9	7.6	11.4

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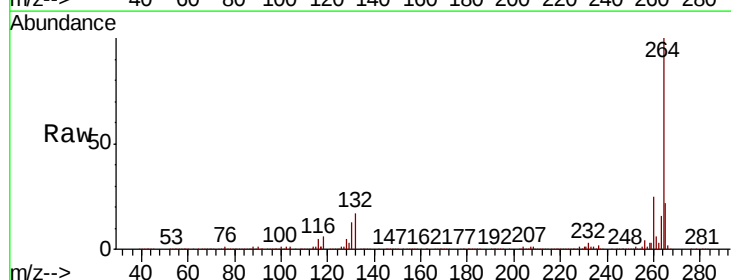


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

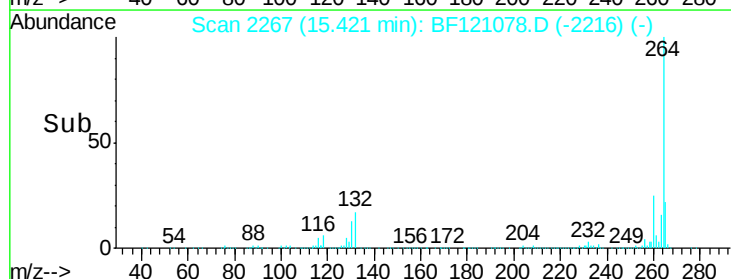
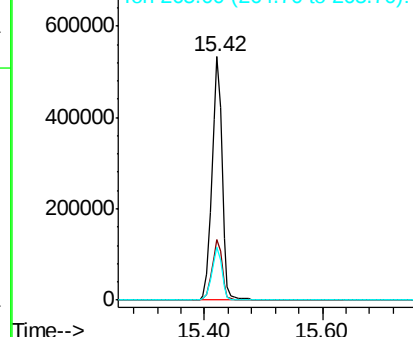


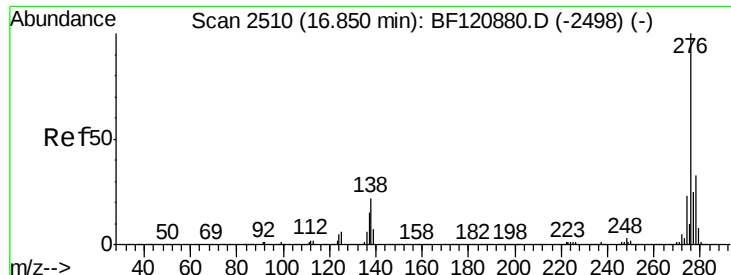
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	21.9	17.4	26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





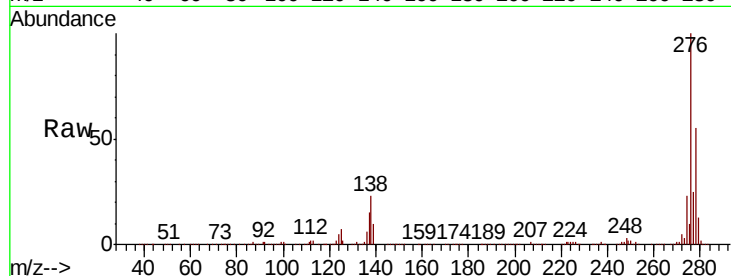
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.321 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

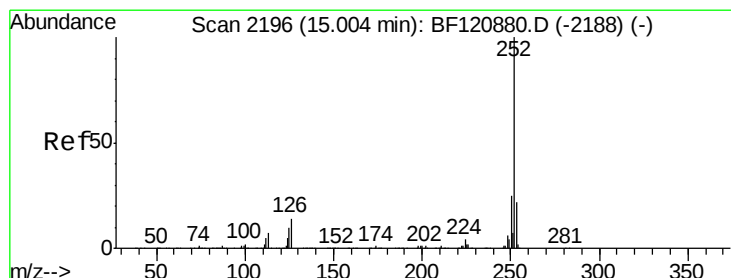
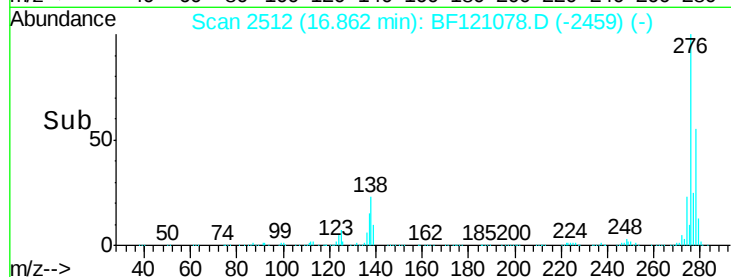
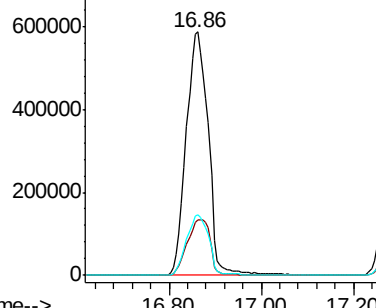
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.8	29.8
277	25.2	20.2	30.2

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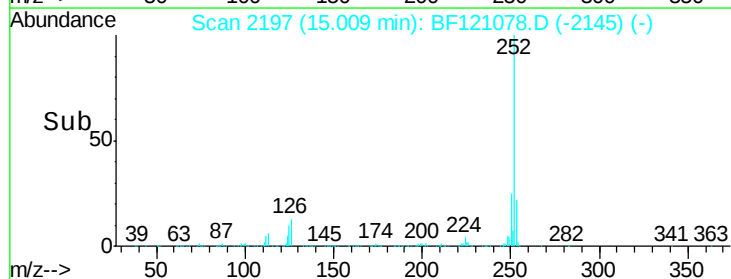
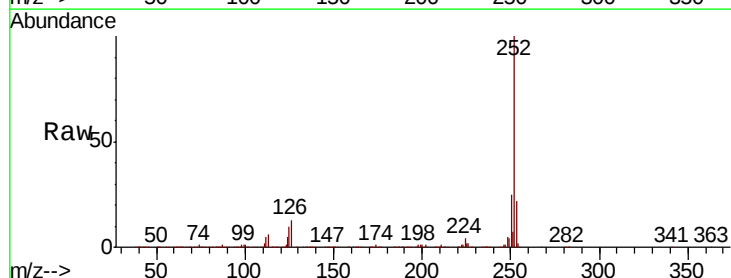
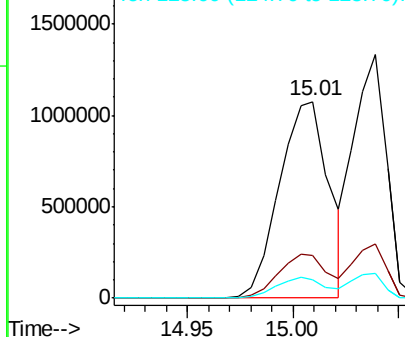
Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

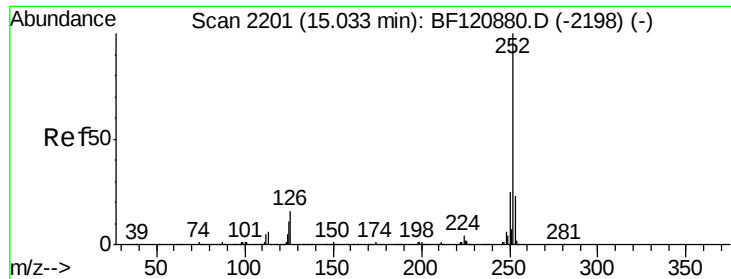


#88
Benzo(b)fluoranthene
Concen: 45.039 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	9.6	8.3	12.5

Abundance Ion 252.00 (251.70 to 252.70): E
1500000
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





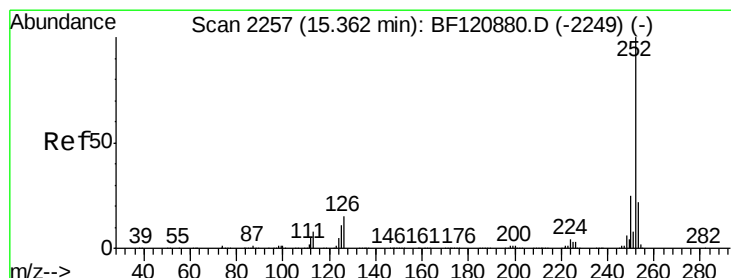
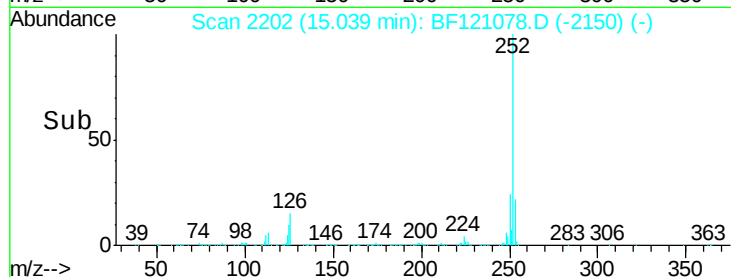
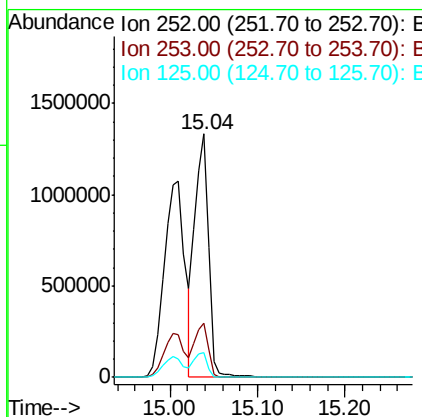
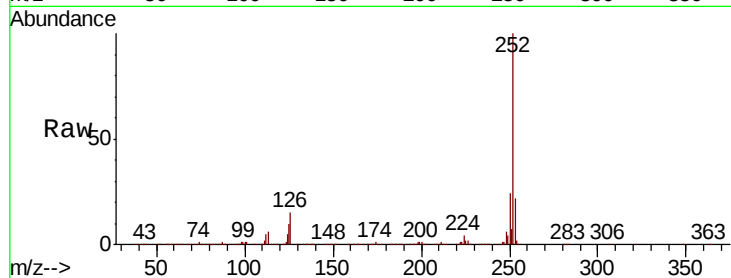
#89
Benzo(k)fluoranthene
Concen: 41.458 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.0	8.4	12.6

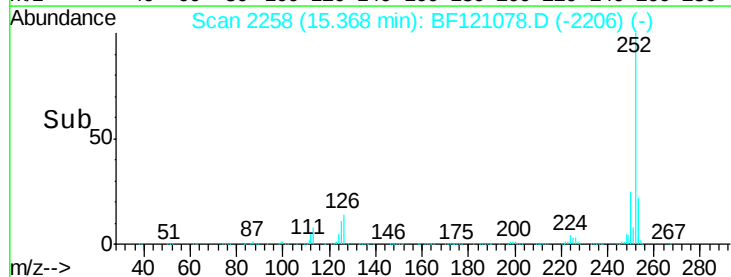
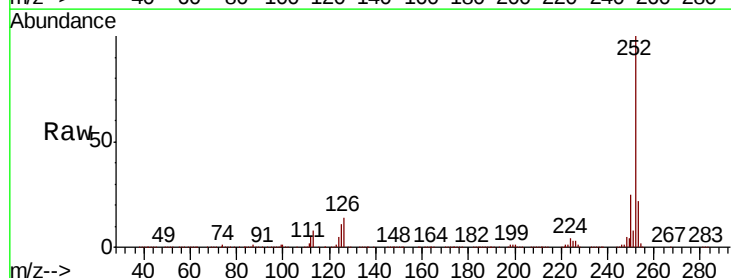
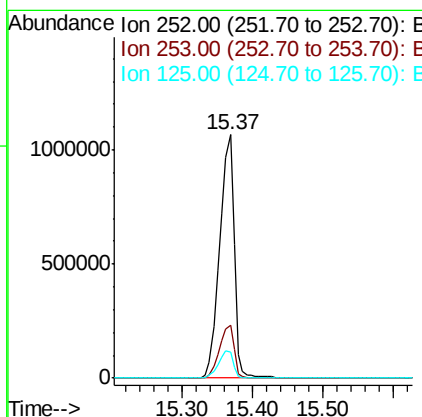
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#90
Benzo(a)pyrene
Concen: 43.002 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.8	8.9	13.3





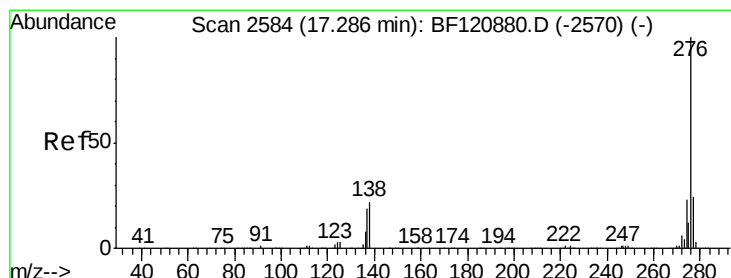
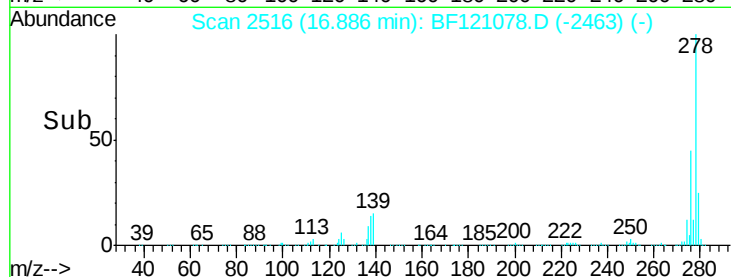
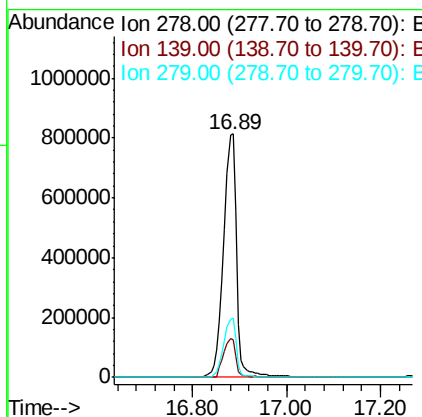
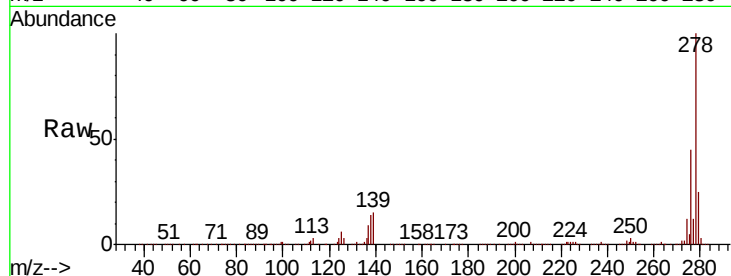
#91
Dibenzo(a,h)anthracene
Concen: 43.349 ng
RT: 16.89 min Scan# 2516
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Instrument :
BNA_F
ClientSampleId :
20200438-3001AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	12.3	18.5
279	24.5	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 44.938 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF121078.D
Acq: 28 Jul 2020 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.8	17.5	26.3

