

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121115.D
 Acq On : 29 Jul 2020 22:02
 Operator : JU/CG
 Sample : L3436-20MS 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Manual Integrations
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 7/30/2020 3:33:51 PM

Quant Time: Jul 30 05:56:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160550	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	604134	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	298961	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	513489	20.00	ng	0.00
76) Chrysene-d12	13.97	240	390873	20.00	ng	0.00
86) Perylene-d12	15.42	264	356109	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	162309	16.57	ng	0.00
7) Phenol-d6	6.44	99	197562	15.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	113733	10.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	49464	15.12	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	244998	12.24	ng	0.00
79) Terphenyl-d14	12.91	244	214360	11.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.49	88	25486	5.654	ng	91
3) Pyridine	3.26	79	49284	4.110	ng	95
4) n-Nitrosodimethylamine	3.16	42	27297	5.324	ng	96
6) Aniline	6.46	93	74032	4.483	ng	# 84
8) 2-Chlorophenol	6.59	128	63868	5.920	ng	97
9) Benzaldehyde	6.35	77	45611	4.534	ng	99
10) Phenol	6.46	94	84956	6.105	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	60957	5.716	ng	99
12) 1,3-Dichlorobenzene	6.75	146	68830	5.883	ng	98
13) 1,4-Dichlorobenzene	6.82	146	70683	6.076	ng	99
14) 1,2-Dichlorobenzene	6.97	146	66851	6.075	ng	99
15) Benzyl Alcohol	6.95	79	49088	5.487	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	84407	5.491	ng	96
17) 2-Methylphenol	7.06	107	52236	5.463	ng	98
18) Hexachloroethane	7.32	117	13895	3.300	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	43676	6.072	ng	95
20) 3+4-Methylphenols	7.22	107	67728	5.568	ng	# 72
22) Acetophenone	7.21	105	92219	6.802	ng	# 89
24) Nitrobenzene	7.38	77	63229	5.619	ng	94
25) Isophorone	7.62	82	118921	5.707	ng	96
26) 2-Nitrophenol	7.70	139	21876	4.093	ng	98
27) 2,4-Dimethylphenol	7.75	122	56211	6.478	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	75889	5.966	ng	99
29) 2,4-Dichlorophenol	7.96	162	50945	5.746	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	58008	5.897	ng	99
31) Naphthalene	8.11	128	227431	7.339	ng	98
33) 4-Chloroaniline	8.16	127	60103	4.348	ng	96
34) Hexachlorobutadiene	8.23	225	33602	5.794	ng	99
35) Caprolactam	8.49	113	15357	5.401	ng	# 84
36) 4-Chloro-3-methylphenol	8.65	107	53995	5.938	ng	97
37) 2-Methylnaphthalene	8.80	142	142966	7.105	ng	98
38) 1-Methylnaphthalene	8.90	142	132338	6.944	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	57503	6.602	ng	98
43) 2,4,6-Trichlorophenol	9.08	196	33638	5.485	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	36126	5.193	ng	99
46) 1,1'-Biphenyl	9.26	154	156106	6.845	ng	99
47) 2-Chloronaphthalene	9.29	162	112648	6.059	ng	98
48) 2-Nitroaniline	9.38	65	33735	6.004	ng	90
49) Acenaphthylene	9.70	152	229411	7.942	ng	98
50) Dimethylphthalate	9.56	163	182228	8.449	ng	99
51) 2,6-Dinitrotoluene	9.62	165	21085	4.550	ng	89
52) Acenaphthene	9.87	154	131928	7.184	ng	100
53) 3-Nitroaniline	9.79	138	31401	5.403	ng #	95
55) Dibenzofuran	10.05	168	177902	6.699	ng	97
56) 4-Nitrophenol	9.97	139	30916	7.003	ng	94
57) 2,4-Dinitrotoluene	10.03	165	23723	3.899	ng #	86
58) Fluorene	10.39	166	165725	8.367	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	24899	4.701	ng #	95
60) Diethylphthalate	10.26	149	128809	5.904	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	61495	5.821	ng	100
62) 4-Nitroaniline	10.40	138	32944	5.819	ng	98
63) Azobenzene	10.54	77	112250	5.405	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	457	3.984	ng #	1
66) n-Nitrosodiphenylamine	10.50	169	110895	6.865	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	34458	6.019	ng	95
68) Hexachlorobenzene	10.94	284	37863	6.114	ng #	91
69) Atrazine	11.03	200	28004	7.000	ng	97
70) Pentachlorophenol	11.14	266	19606	5.526	ng	100
71) Phenanthrene	11.35	178	444808	16.843	ng	99
72) Anthracene	11.40	178	270042	10.183	ng	99
73) Carbazole	11.56	167	169236	6.431	ng	100
74) Di-n-butylphthalate	11.89	149	200905	6.615	ng	99
75) Fluoranthene	12.54	202	673680	23.014	ng	98
77) Benzidine	12.66	184	25567	2.488	ng #	91
78) Pyrene	12.77	202	694039	25.115	ng	99
80) Butylbenzylphthalate	13.39	149	72863	5.915	ng	93
81) Benzo(a)anthracene	13.96	228	391481	16.540	ng	96
82) 3,3'-Dichlorobenzidine	13.92	252	46624	5.221	ng	97
83) Chrysene	13.99	228	363638	14.619	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	109082	7.181	ng	99
85) Di-n-octyl phthalate	14.56	149	169685	5.614	ng #	93
87) Indeno(1,2,3-cd)pyrene	16.86	276	205717	8.306	ng	98
88) Benzo(b)fluoranthene	15.00	252	365732	16.991	ng #	96
89) Benzo(k)fluoranthene	15.03	252	205040	10.445	ng #	94
90) Benzo(a)pyrene	15.36	252	285940	14.560	ng	96
91) Dibenzo(a,h)anthracene	16.87	278	121674	6.014	ng	95
92) Benzo(g,h,i)perylene	17.29	276	179994	9.024	ng	96

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

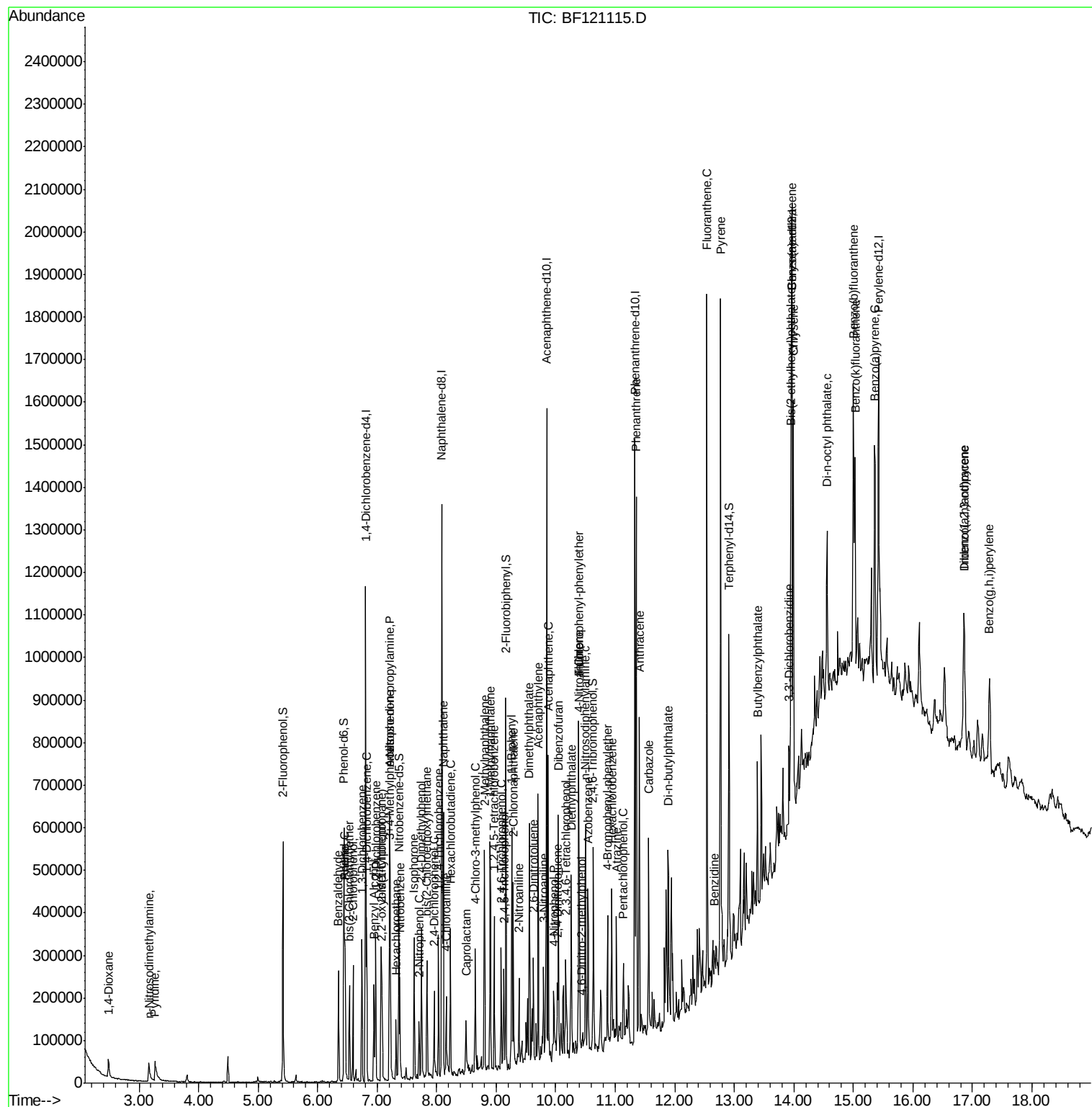
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#1

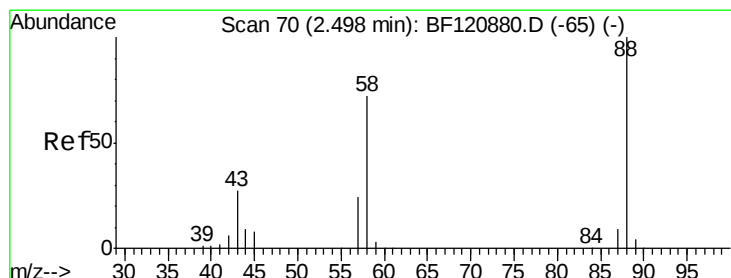
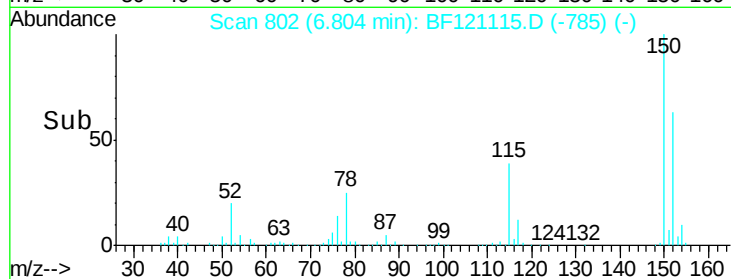
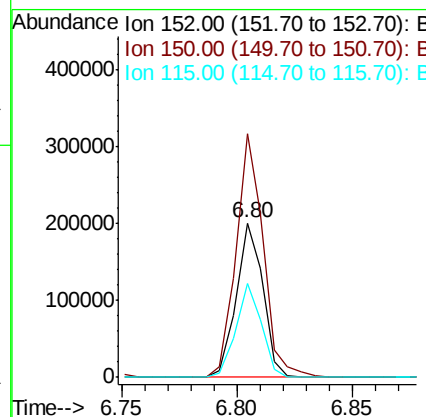
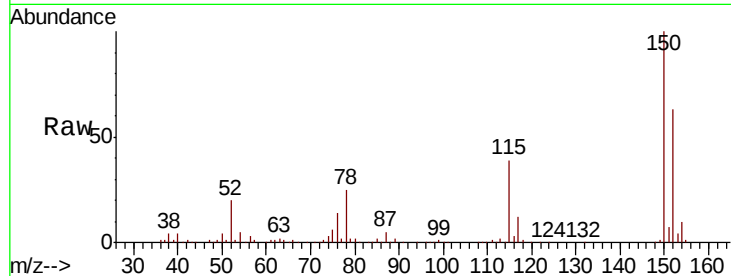
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampled :
20MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.6	188.4
115	60.8	46.2	69.2

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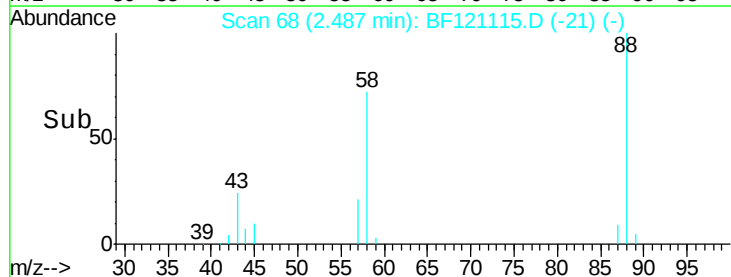
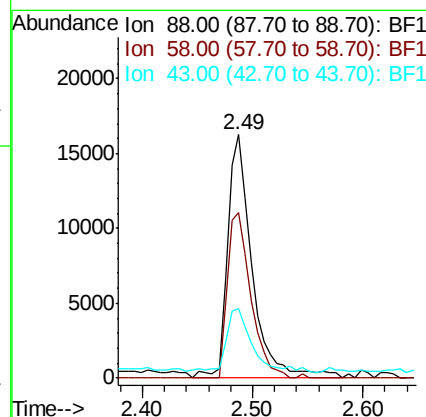
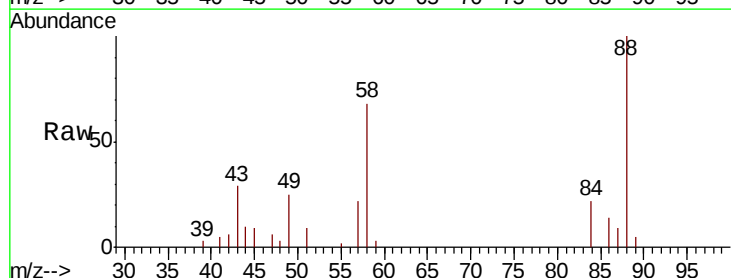
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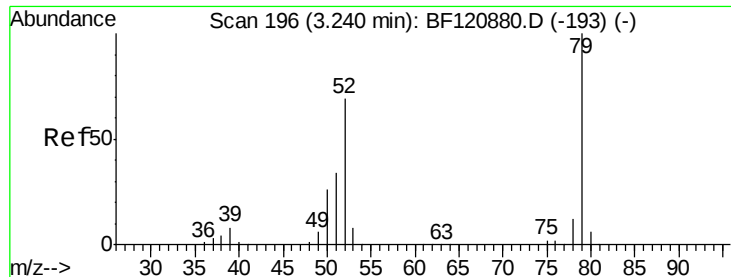


#2

1,4-Dioxane
Concen: 5.654 ng
RT: 2.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	58.2	87.4
43	23.5	21.3	31.9





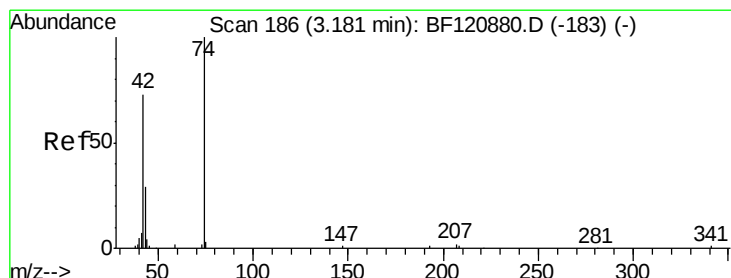
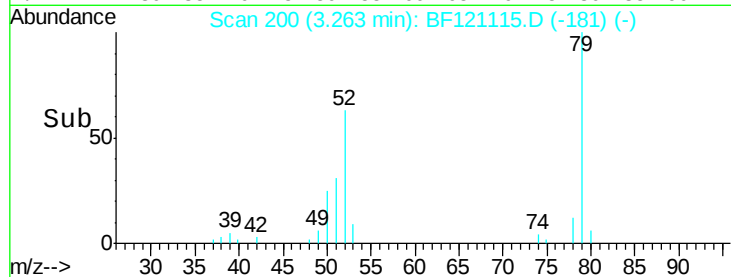
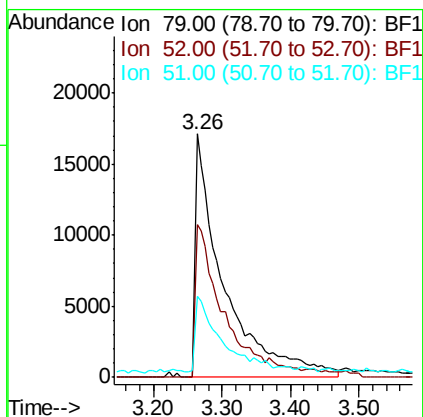
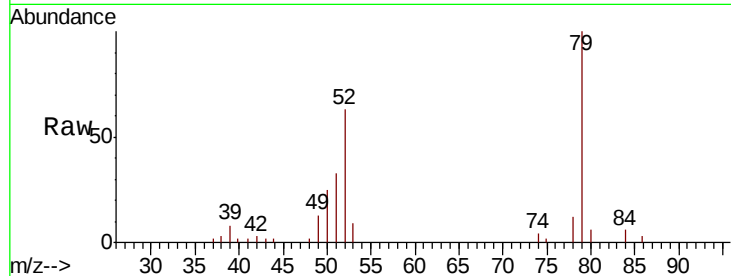
#3
 Pvridine
 Concen: 4.110 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampled :
 20MS

Tot Ion:	79	Resp:	49284
Ion	Ratio	Lower	Upper
79	100		
52	62.8	54.9	82.3
51	33.2	27.4	41.0

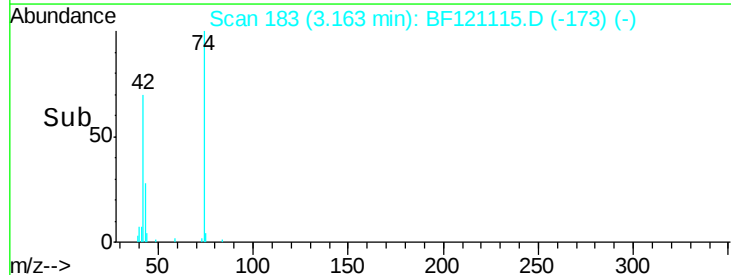
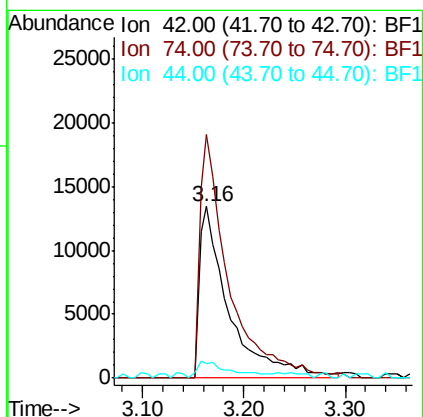
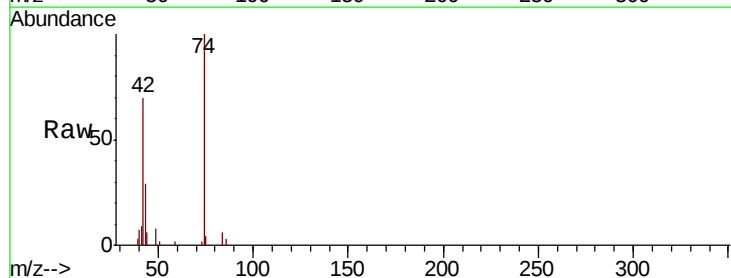
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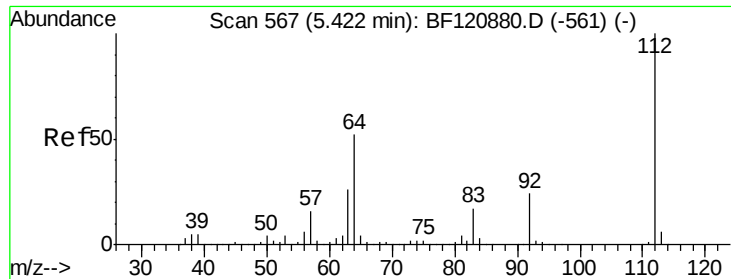
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#4
 n-Nitrosodimethylamine
 Concen: 5.324 ng
 RT: 3.16 min Scan# 183
 Delta R.T. -0.04 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:	42	Resp:	27297
Ion	Ratio	Lower	Upper
42	100		
74	142.0	117.3	175.9
44	8.8	5.9	8.9





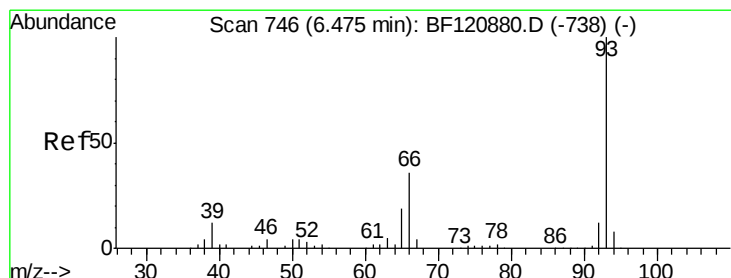
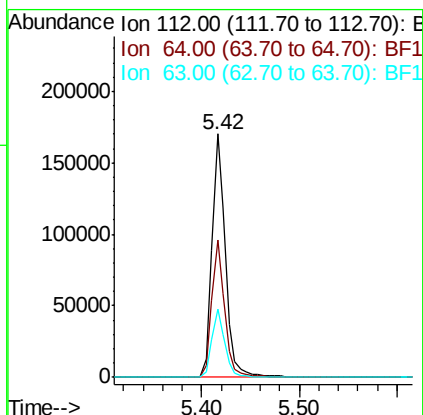
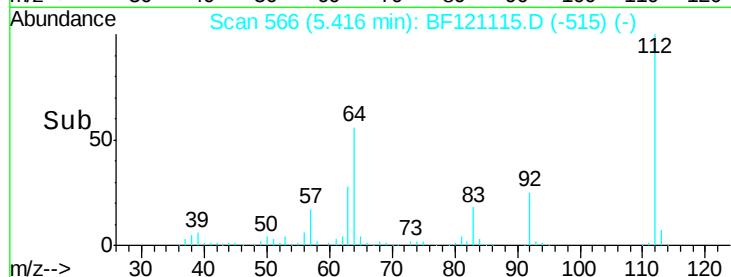
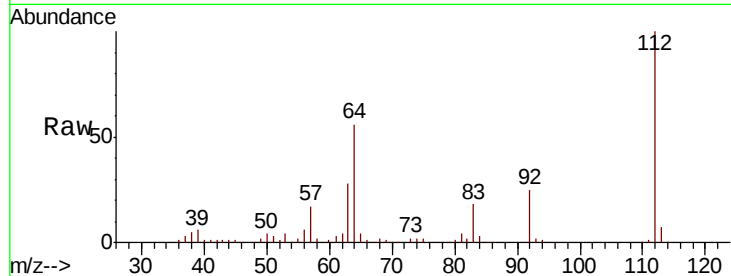
#5
2-Fluorophenol
Concen: 16.573 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
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ClientSampled :
20MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.3	43.9	65.9
63	28.3	22.7	34.1

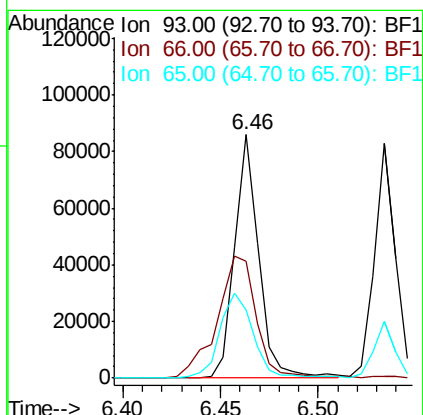
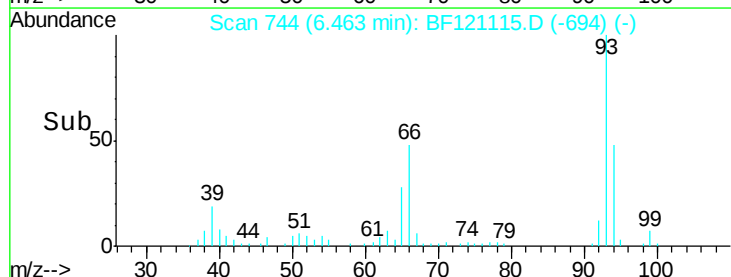
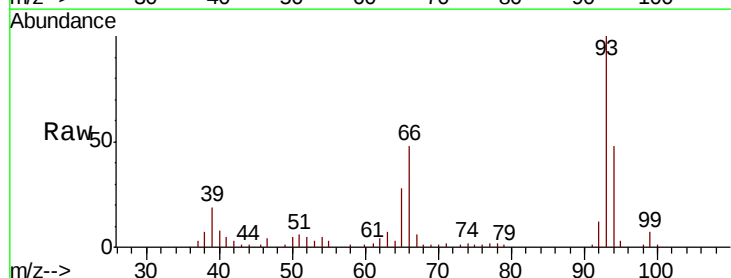
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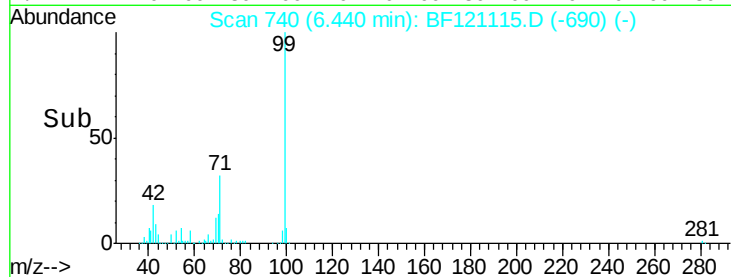
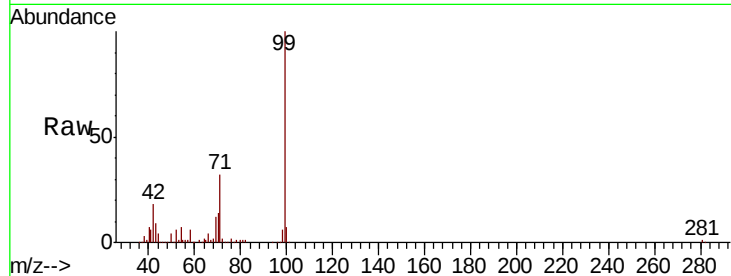
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#6
Aniline
Concen: 4.483 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.9	31.0	46.4#
65	28.2	16.2	24.4#





#7

Phenol-d6

Concen: 15.617 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tot Ion:	99	Resp:	197562
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.5	20.3
71	32.0	25.0	37.4

Instrument :

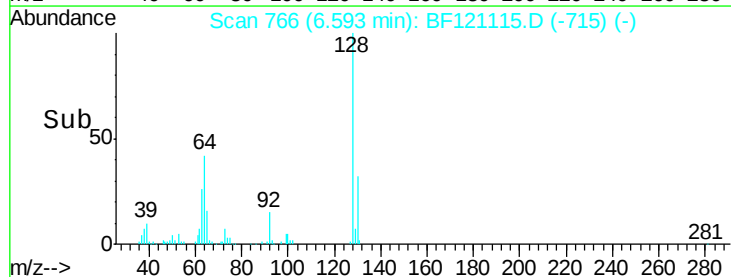
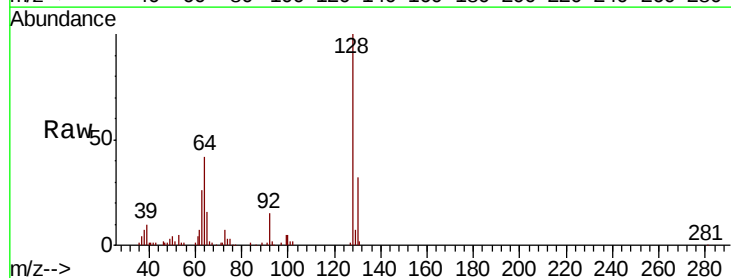
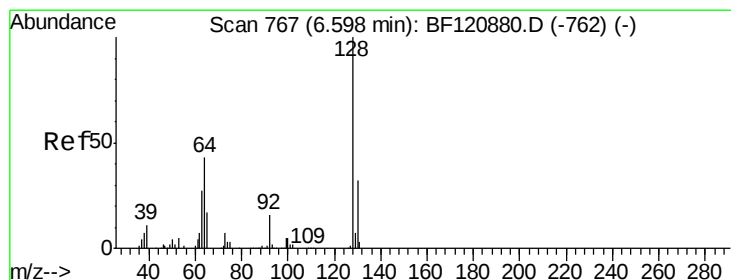
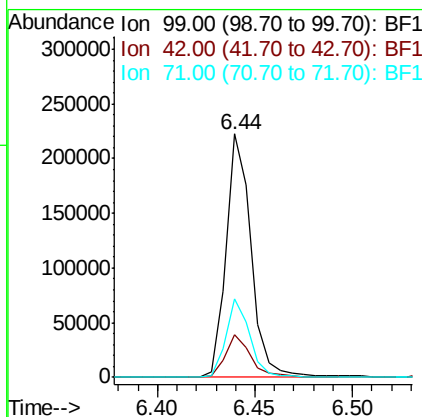
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#8

2-Chlorophenol

Concen: 5.920 ng

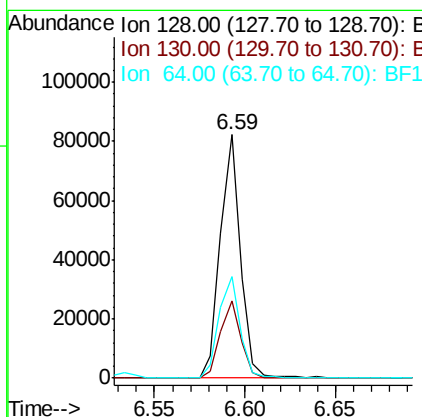
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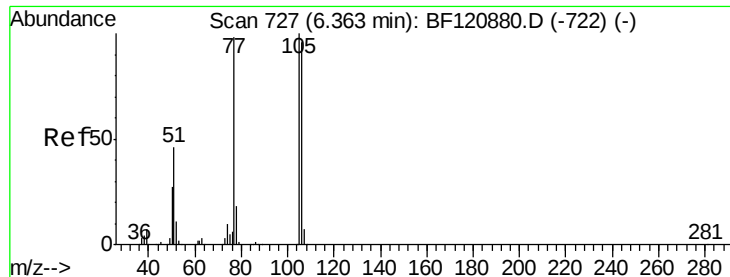
Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	128	Resp:	63868
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.7	52.7
64	41.5	23.8	63.8





#9

Benzaldehyde

Concen: 4.534 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

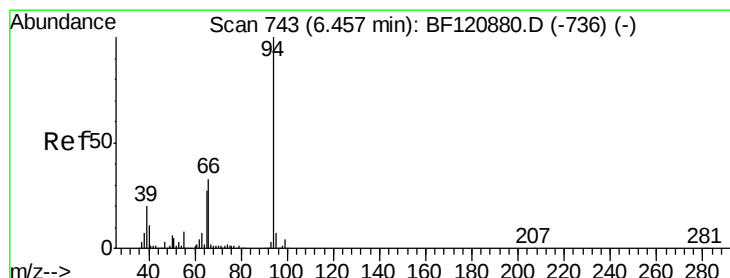
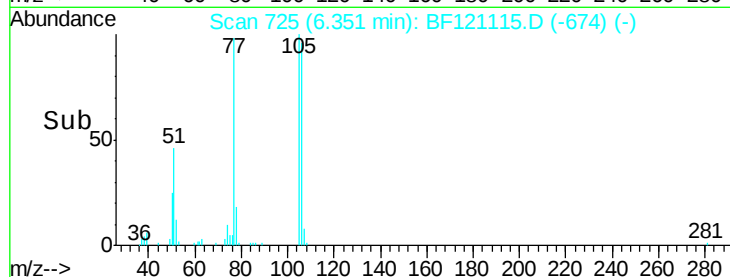
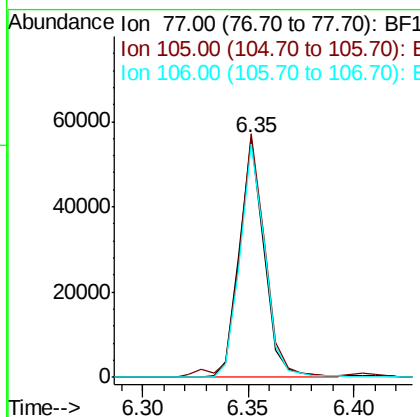
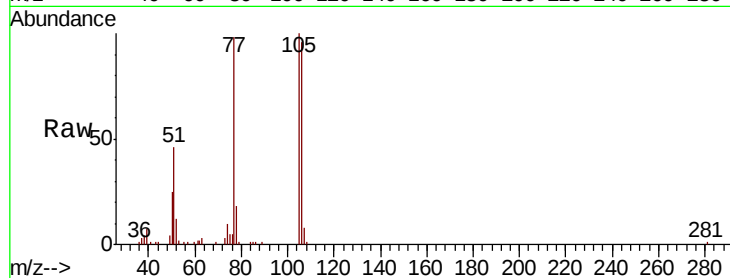
ClientSampled :

20MS

Tot Ion:	77	Resp:	45611
Ion	Ratio	Lower	Upper
77	100		
105	101.8	82.4	122.4
106	97.7	78.9	118.9

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#10

Phenol

Concen: 6.105 ng

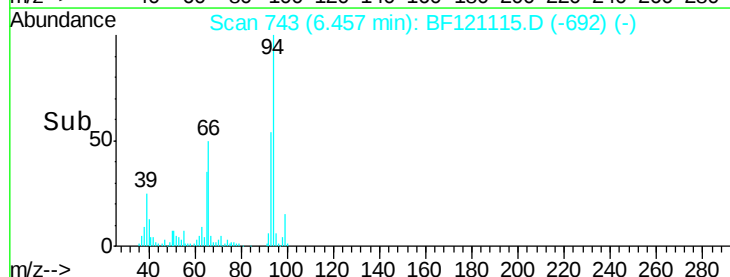
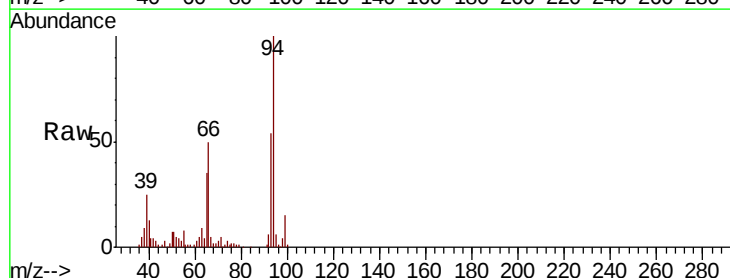
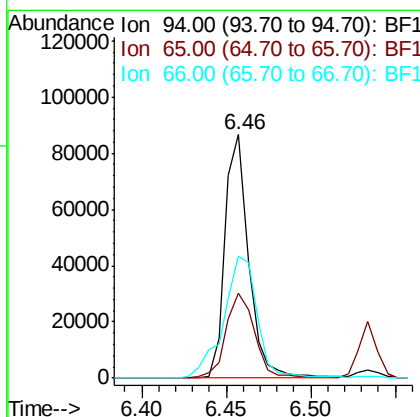
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	94	Resp:	84956
Ion	Ratio	Lower	Upper
94	100		
65	34.8	12.6	52.6
66	50.0	25.6	65.6





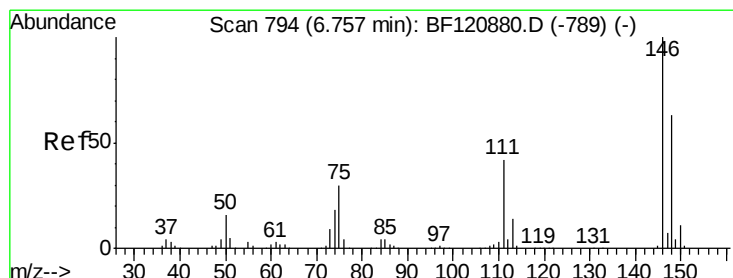
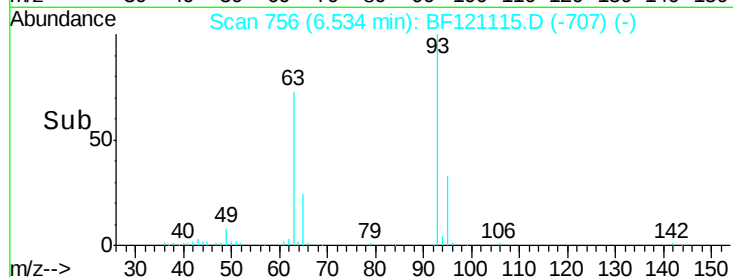
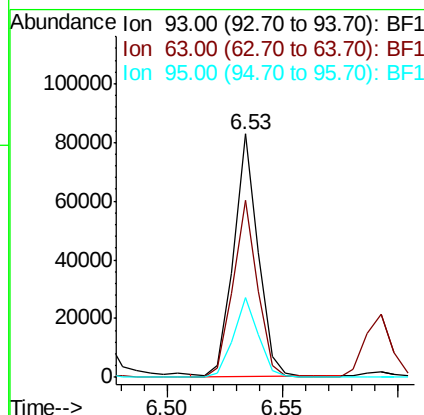
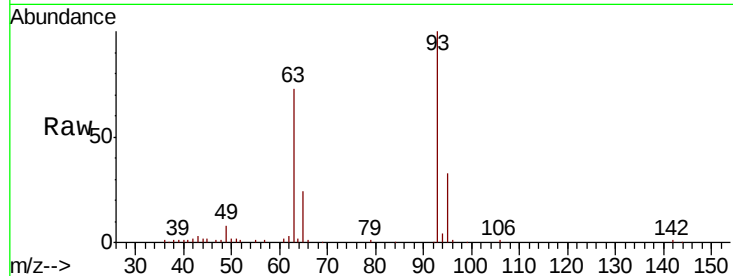
#11
bis(2-Chloroethyl)ether
Concen: 5.716 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	51.9	91.9
95	33.0	13.2	53.2

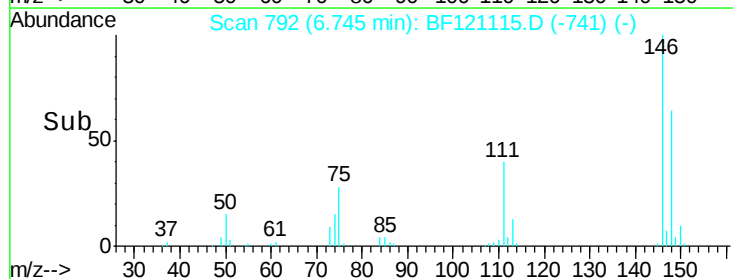
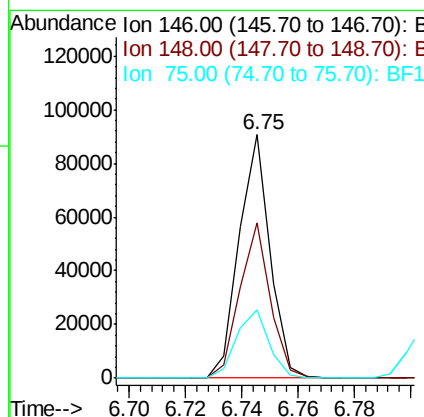
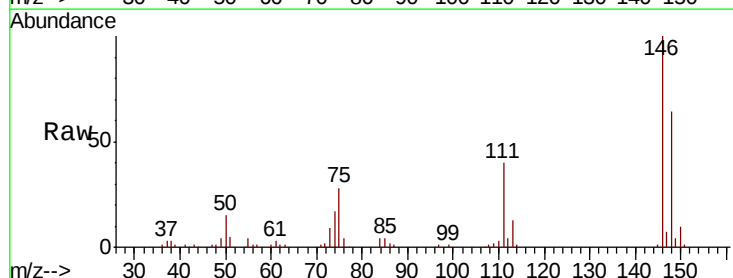
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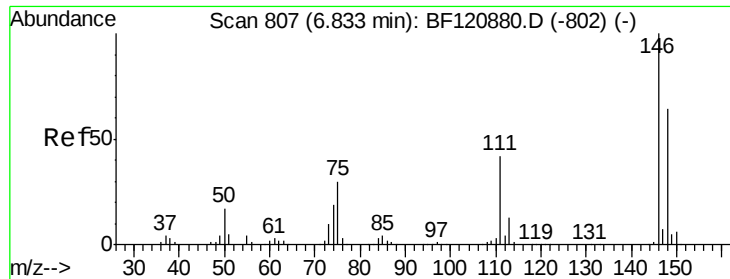
mohammad
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#12
1,3-Dichlorobenzene
Concen: 5.883 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
75	28.0	23.8	35.6





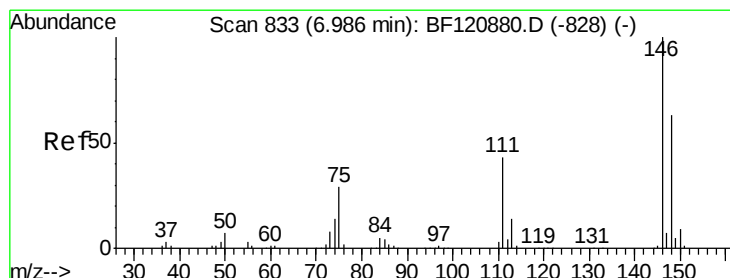
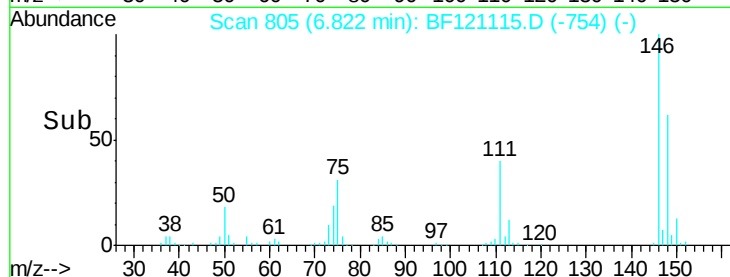
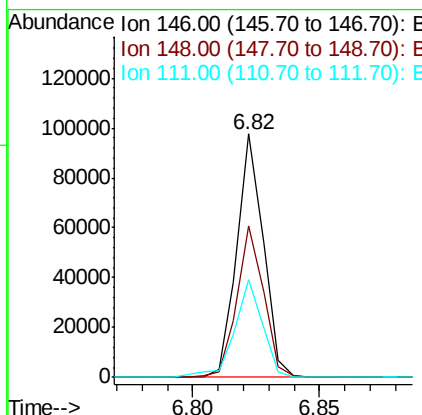
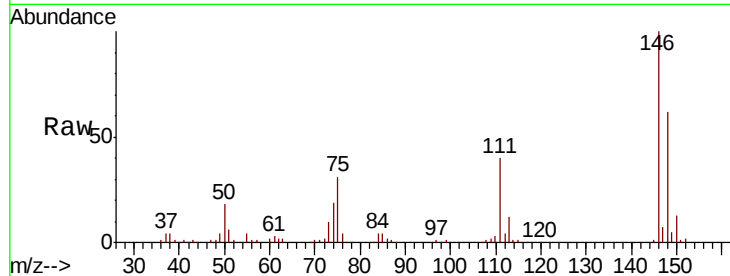
#13
 1,4-Dichlorobenzene
 Concen: 6.076 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampled :
 20MS

Tot Ion	Ion	Ratio	Lower	Upper
146	100			
148	62.4	50.5	75.7	
111	40.1	32.8	49.2	

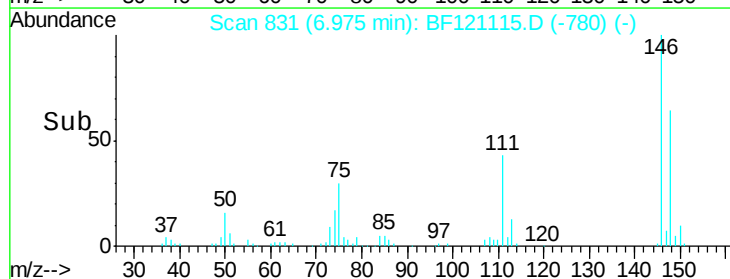
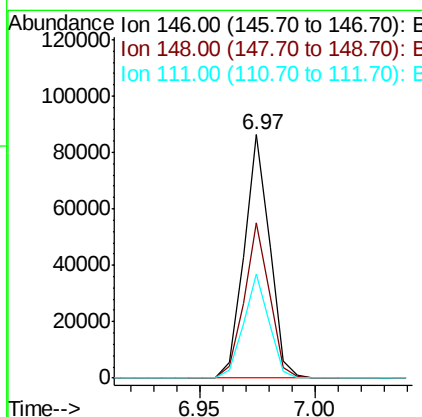
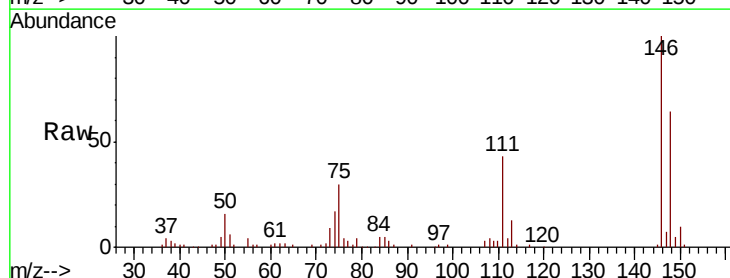
Manual Integrations
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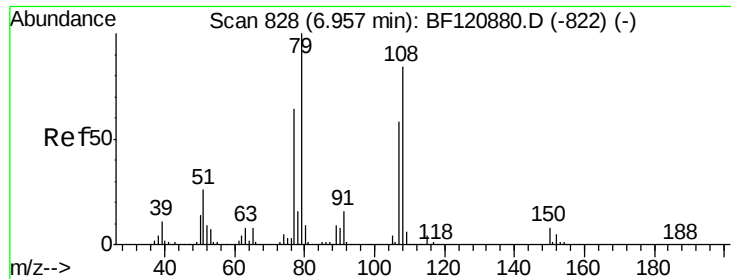
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 6.075 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	63.6	50.8	76.2	
111	42.7	35.4	53.0	





#15

Benzyl Alcohol

Concen: 5.487 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

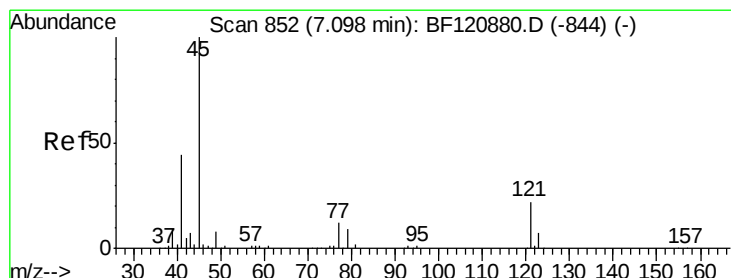
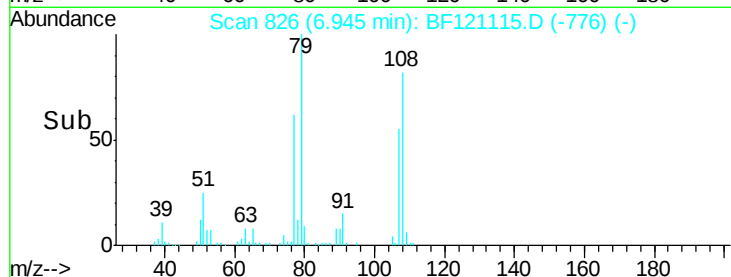
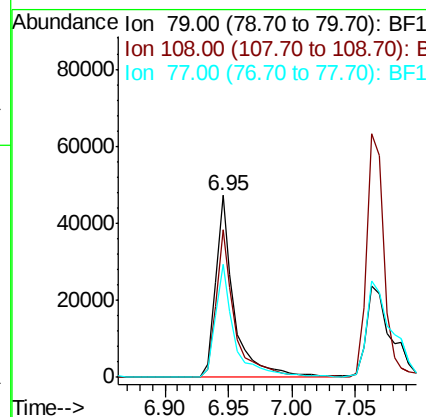
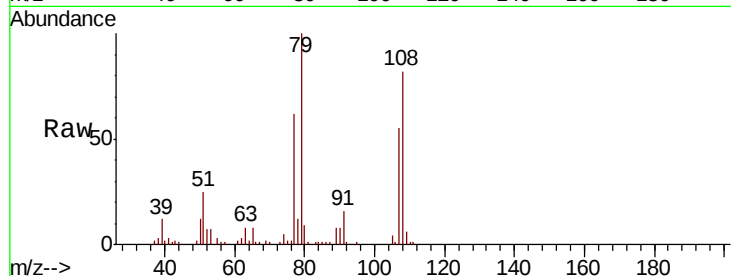
ClientSampleId :

20MS

Tot Ion:	79	Resp:	49088
Ion	Ratio	Lower	Upper
79	100		
108	81.6	68.6	103.0
77	62.3	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.491 ng

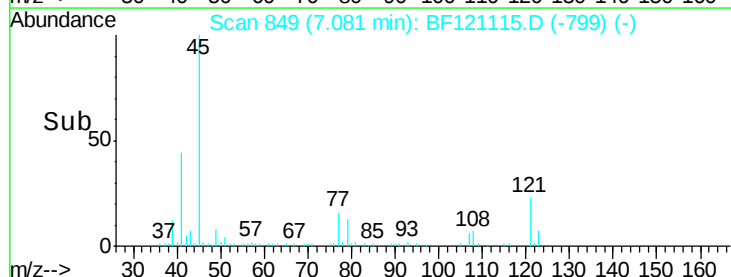
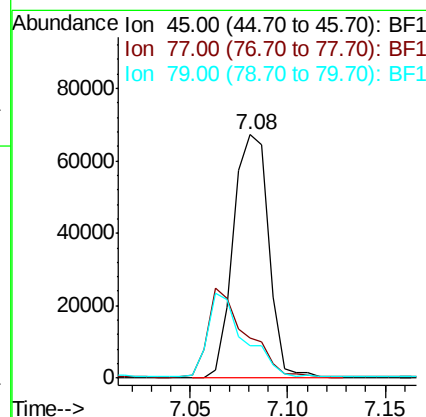
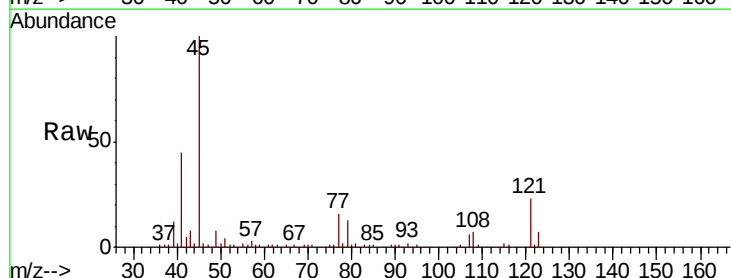
RT: 7.08 min Scan# 849

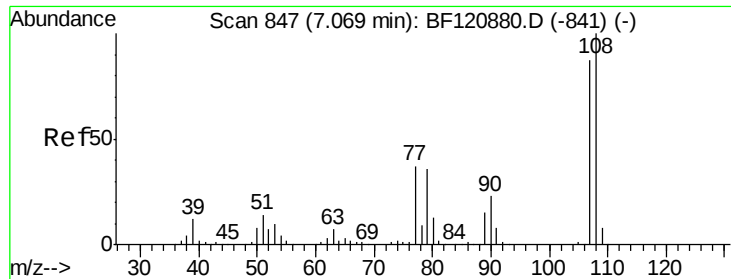
Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	45	Resp:	84407
Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	34.7
79	13.2	0.0	32.0





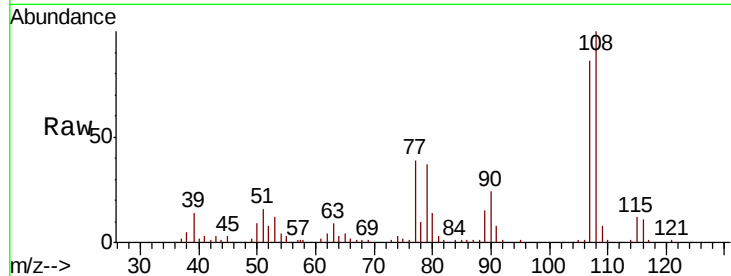
#17
2-Methylphenol
Concen: 5.463 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampled :
20MS

Tot Ion:	107	Resp:	52236
Ion Ratio	Lower	Upper	
107	100		
108	116.5	91.2	136.8
77	45.9	36.5	54.7
79	43.5	35.0	52.6

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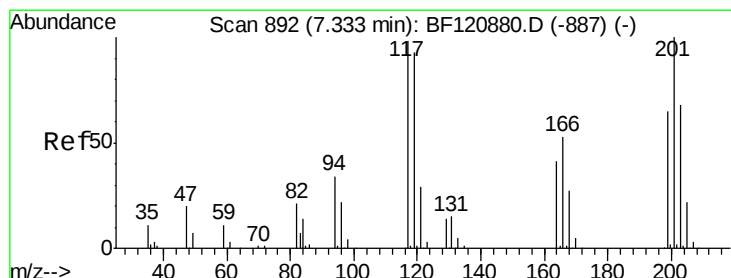
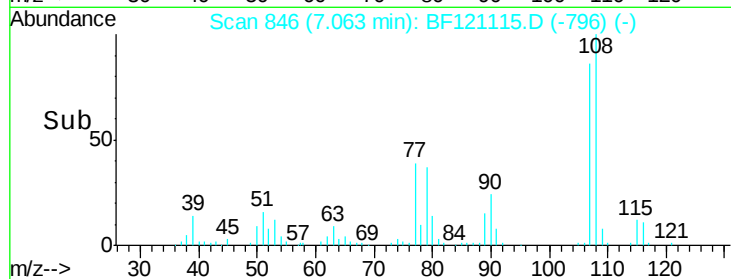
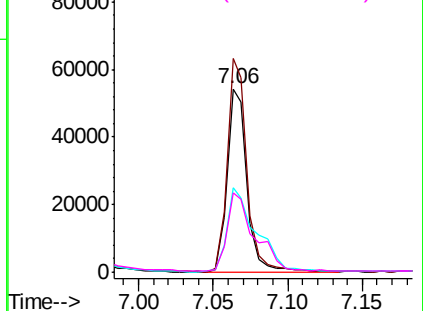
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 3.300 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

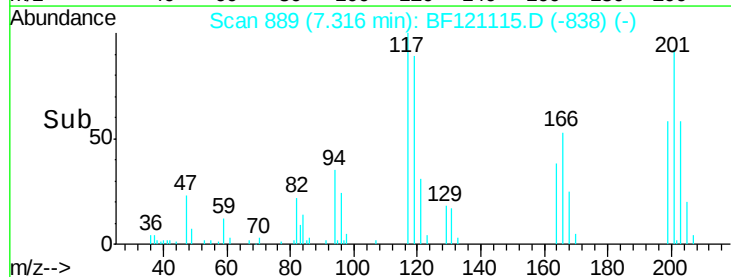
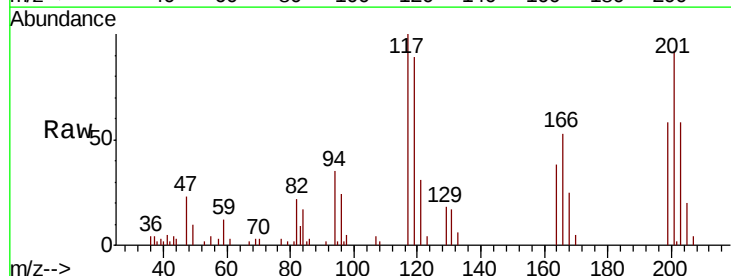
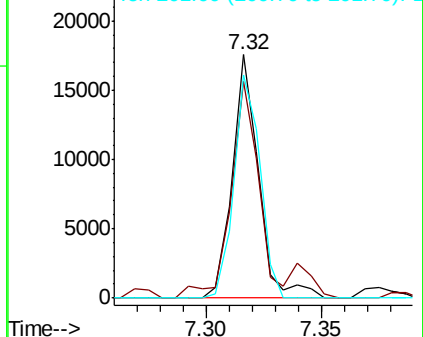
Tgt Ion:	117	Resp:	13895
Ion Ratio	Lower	Upper	
117	100		
119	89.2	76.6	114.8
201	91.7	75.0	112.4

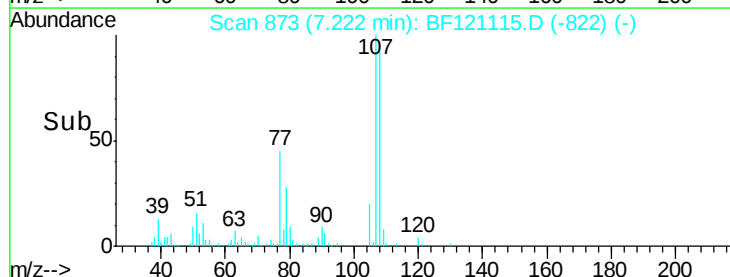
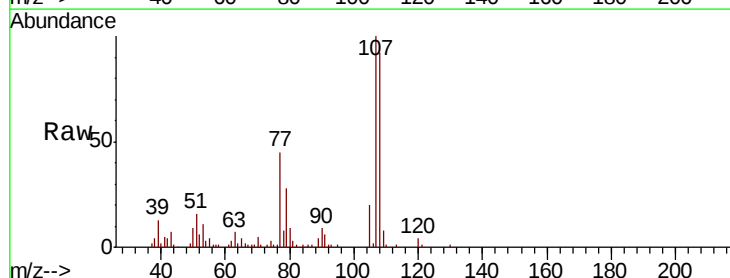
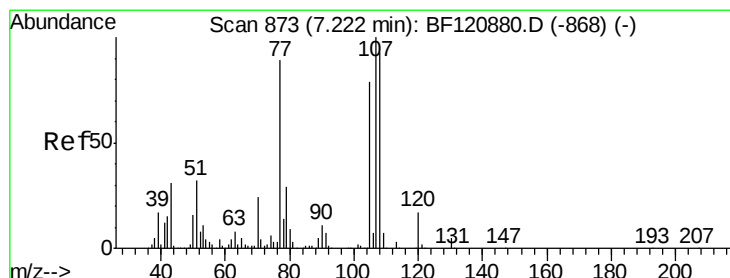
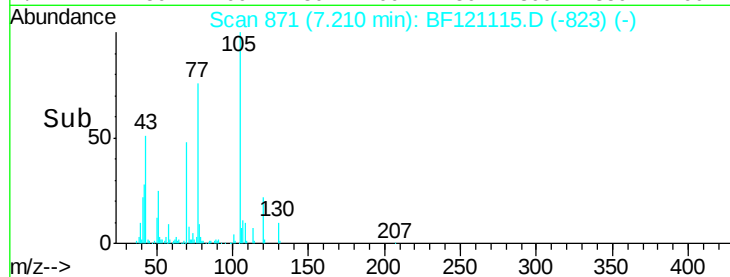
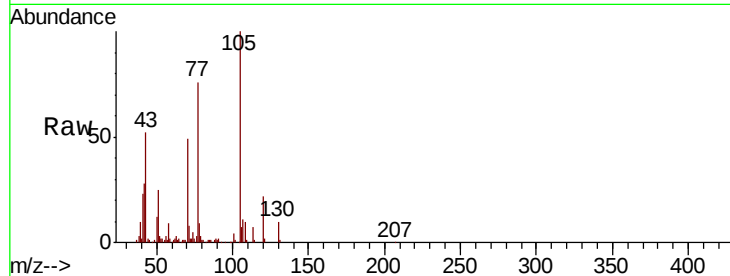
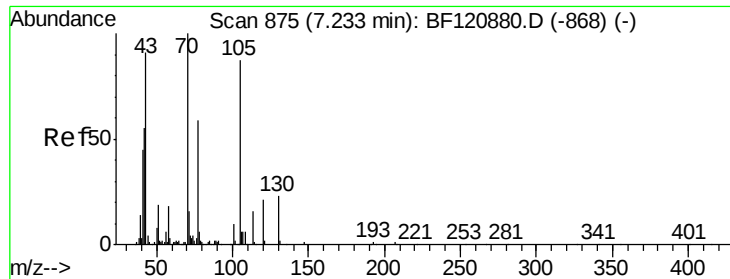
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





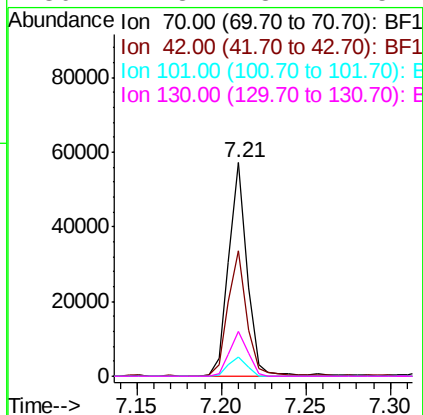
#19
n-Nitroso-di-n-propylamine
Concen: 6.072 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	43.3	64.9	
101	9.2	8.4	12.6	
130	21.3	18.7	28.1	

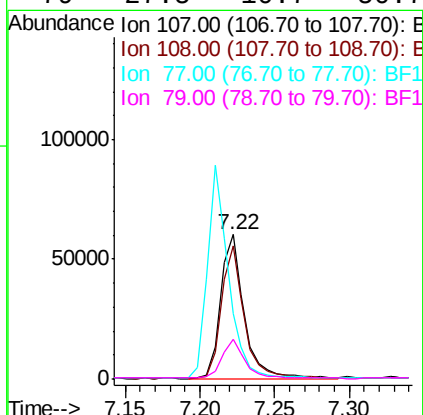
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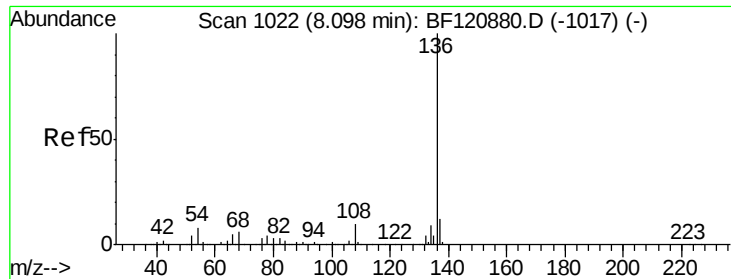
mohammad
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#20
3+4-Methylphenols
Concen: 5.568 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.5	73.7	113.7	
77	45.0	84.9	124.9	
79	27.5	10.7	50.7	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

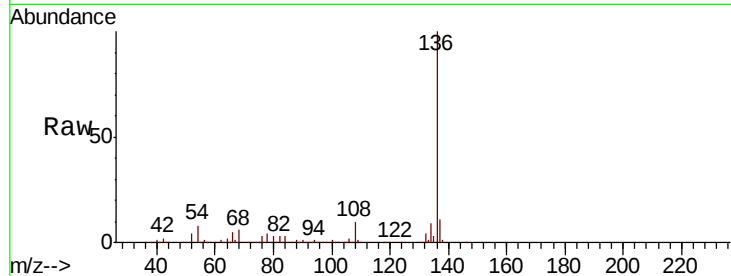
ClientSampleId :

20MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		604134		
137	11.4		9.0	13.4	
54	7.8		6.1	9.1	
68	6.3		5.0	7.6	

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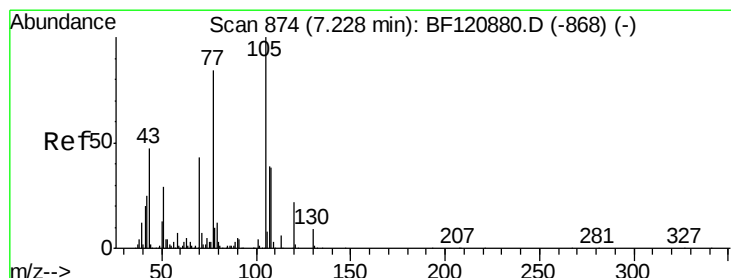
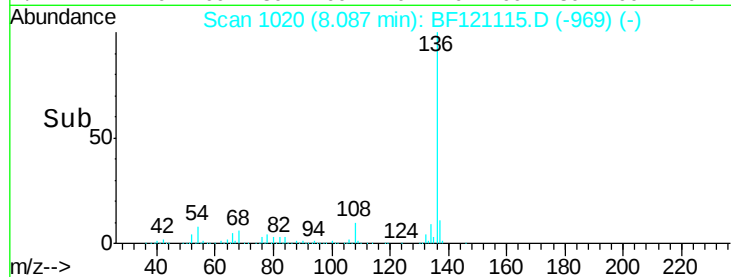
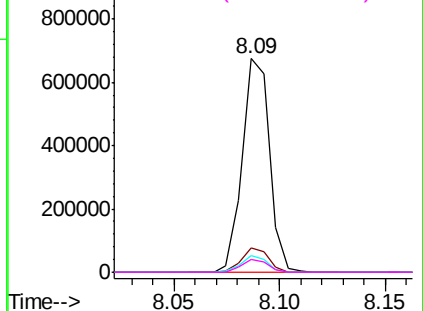
Abundance

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: 6.802 ng

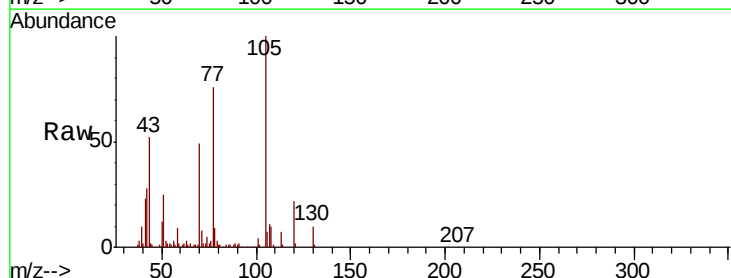
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		92219		
71	8.4		3.8	5.8#	
51	25.4		28.0	42.0#	
120	21.7		17.8	26.6	



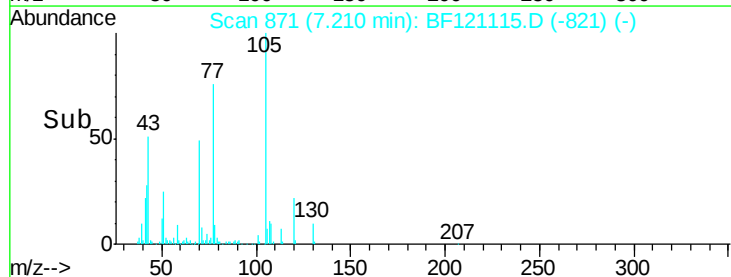
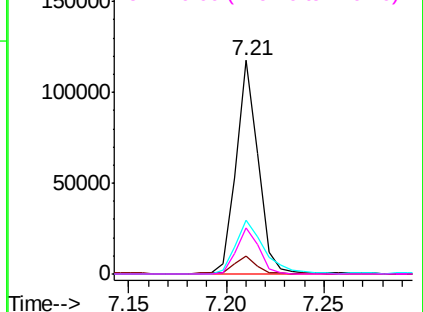
Abundance

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





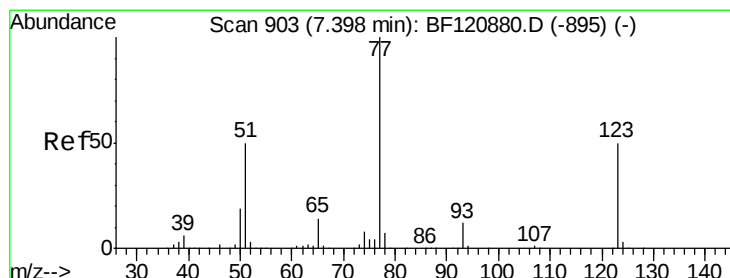
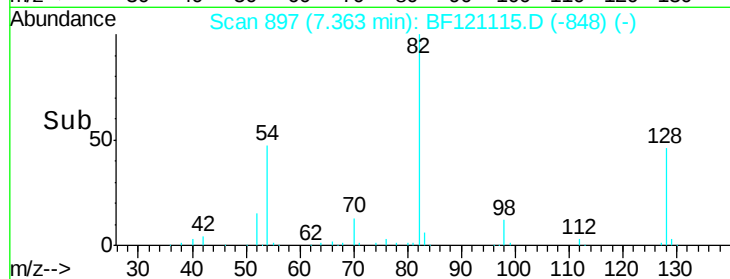
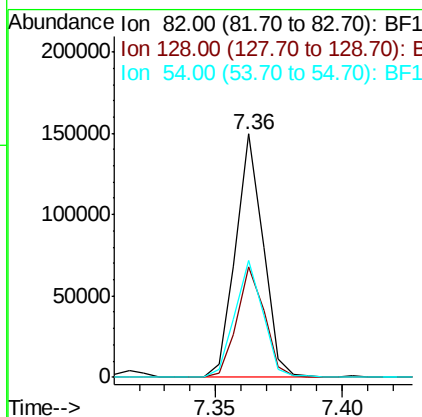
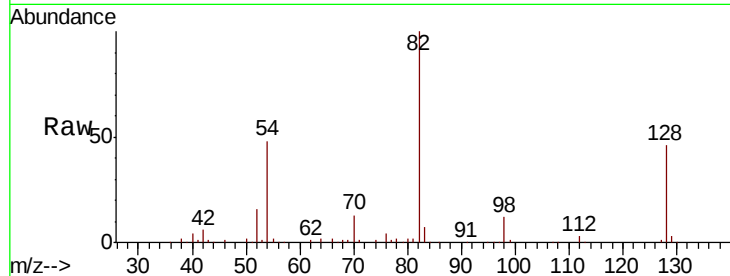
#23
 Nitrobenzene-d5
 Concen: 10.893 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.6	39.2	58.8	
54	47.9	37.8	56.8	

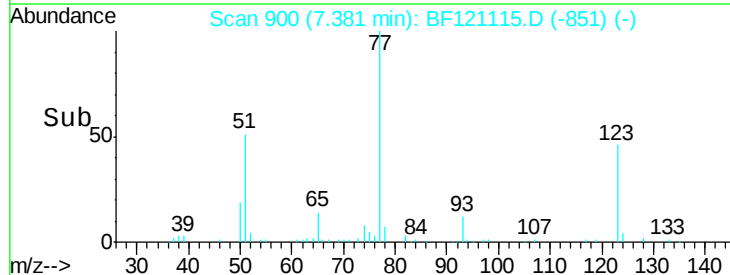
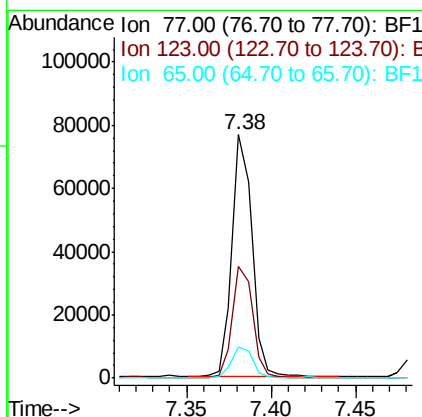
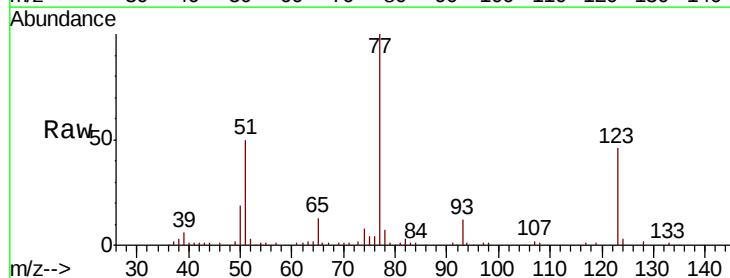
Manual Integrations
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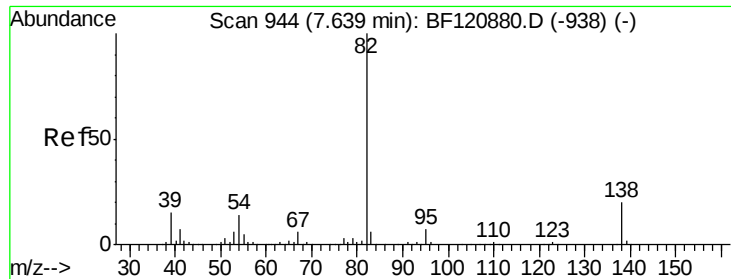
mohammad
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#24
 Nitrobenzene
 Concen: 5.619 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.7	41.0	61.6	
65	12.9	10.3	15.5	





#25

Isophorone

Concen: 5.707 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

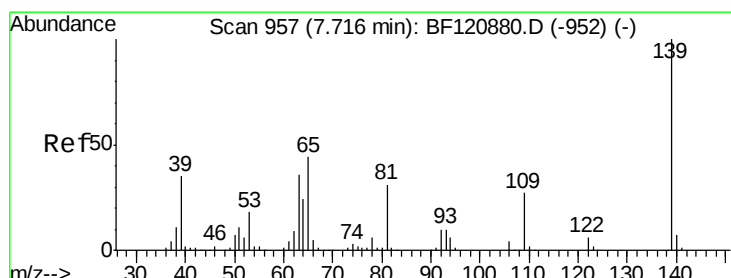
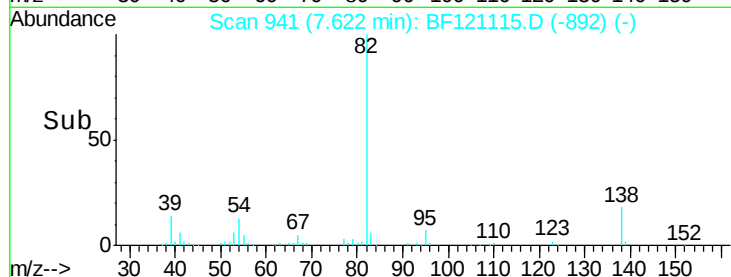
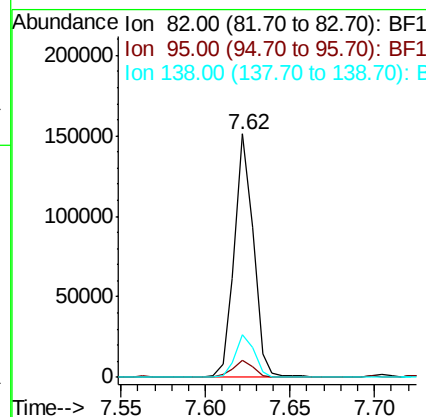
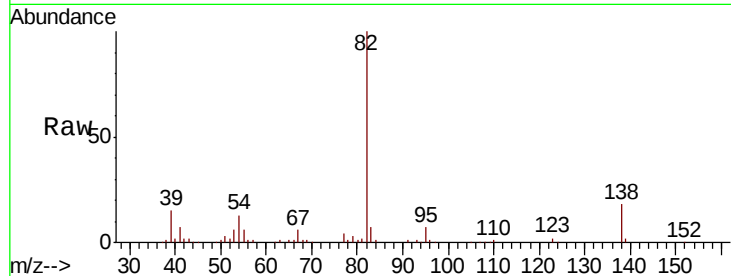
ClientSampled :

20MS

Tot Ion:	82	Resp:	118921
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.5	8.3
138	17.6	16.2	24.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 4.093 ng

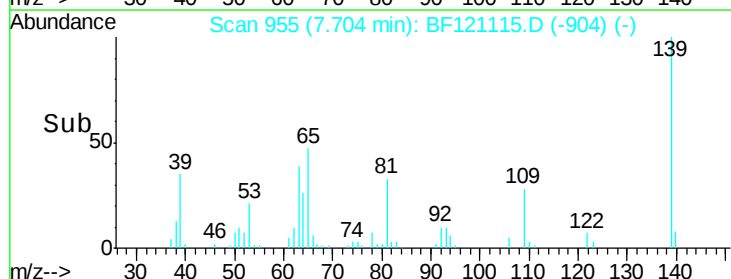
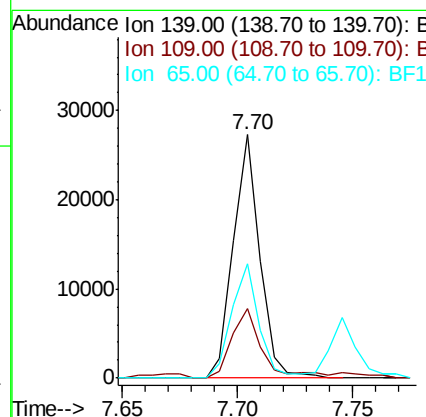
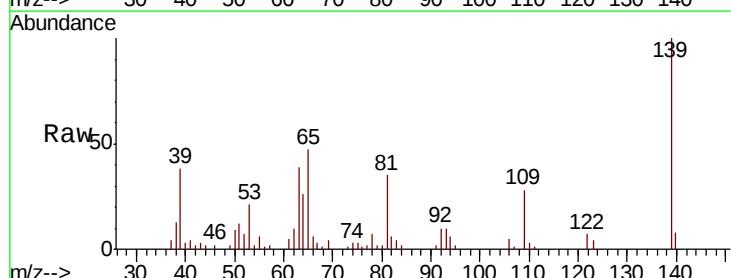
RT: 7.70 min Scan# 955

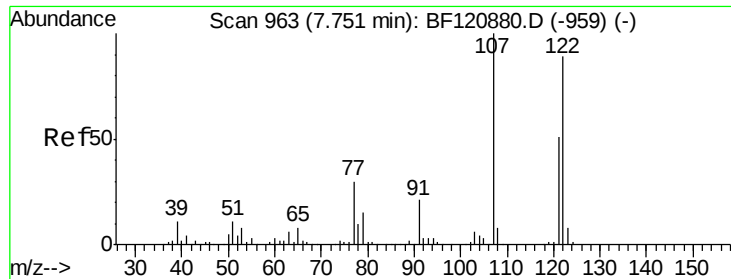
Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	139	Resp:	21876
Ion Ratio	Lower	Upper	
139	100		
109	28.3	21.7	32.5
65	47.0	36.3	54.5





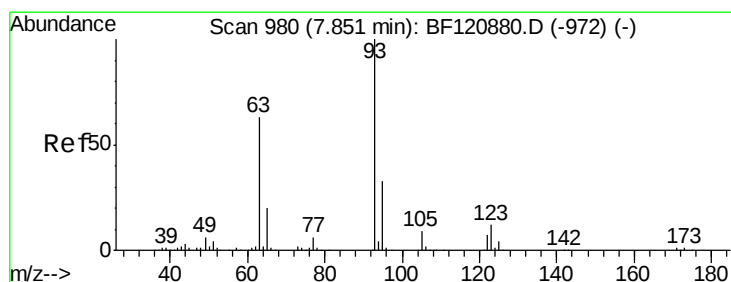
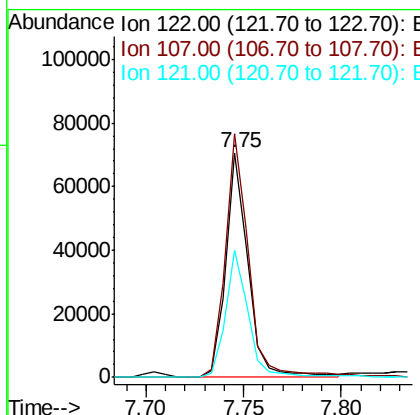
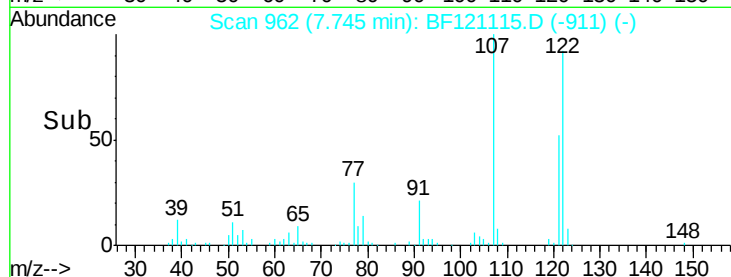
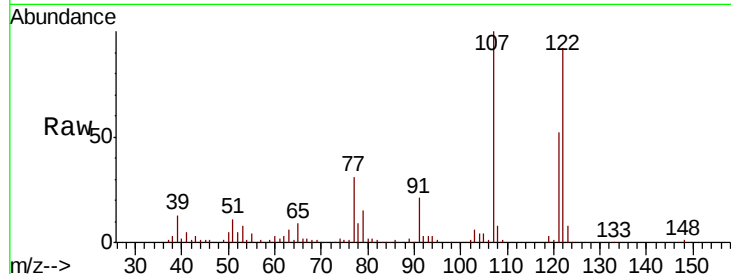
#27
2,4-Dimethylphenol
Concen: 6.478 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		56211		
107	108.3	87.1		130.7	
121	56.7	45.5		68.3	

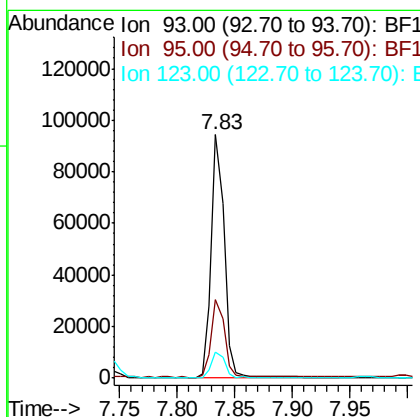
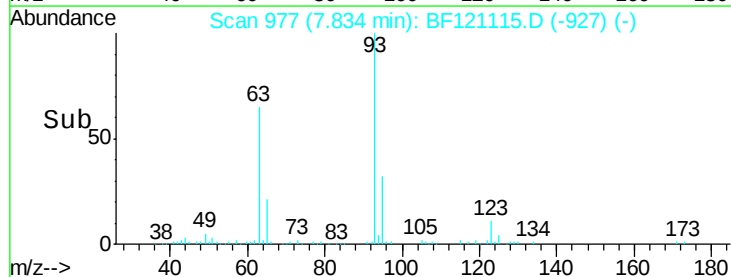
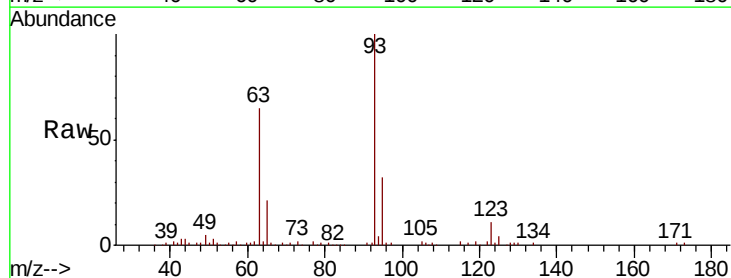
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#28
bis(2-Chloroethoxy)methane
Concen: 5.966 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		75889		
95	32.4	26.2		39.4	
123	10.9	9.5		14.3	





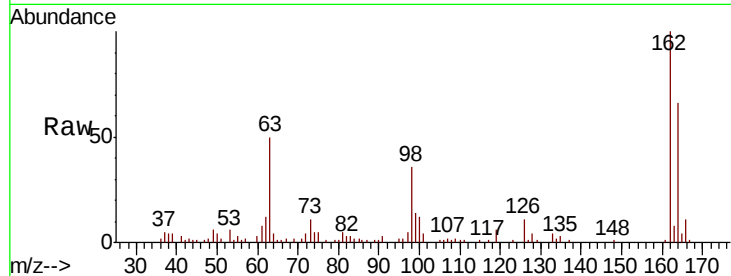
#29
2,4-Dichlorophenol
Concen: 5.746 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampled :
20MS

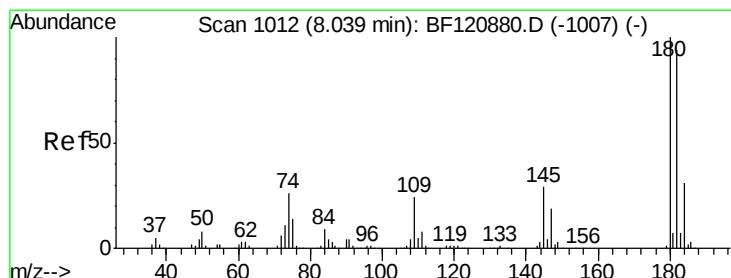
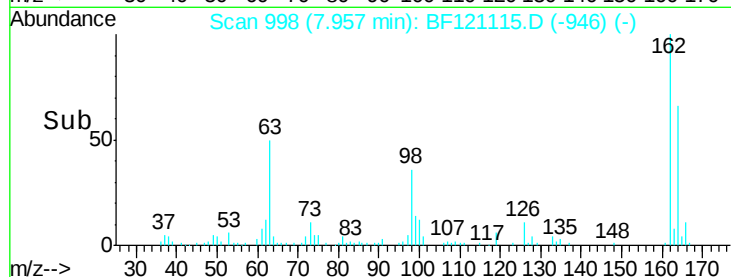
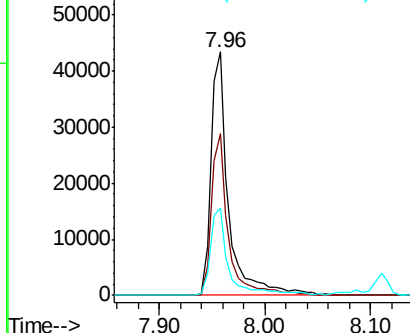
Tot Ion:	162	Resp:	50945
Ion Ratio	Lower	Upper	
162	100		
164	66.3	44.7	84.7
98	35.7	14.2	54.2

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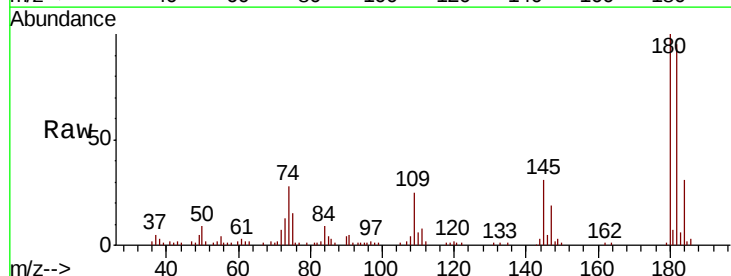


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

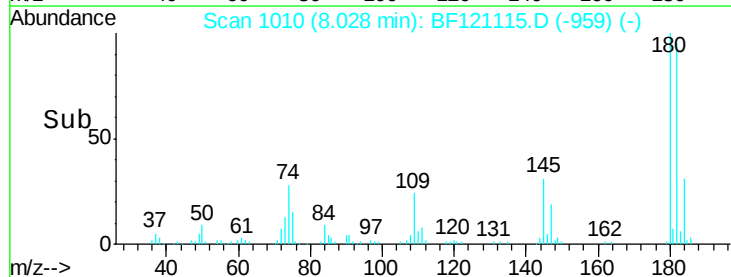
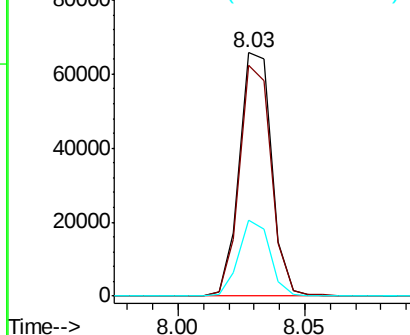


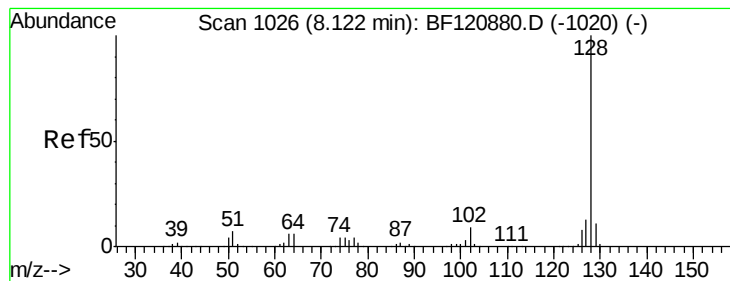
#30
1,2,4-Trichlorobenzene
Concen: 5.897 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion:	180	Resp:	58008
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.4	114.6
145	31.2	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 7.339 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

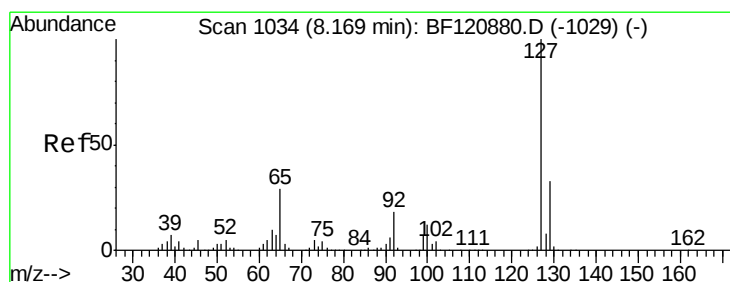
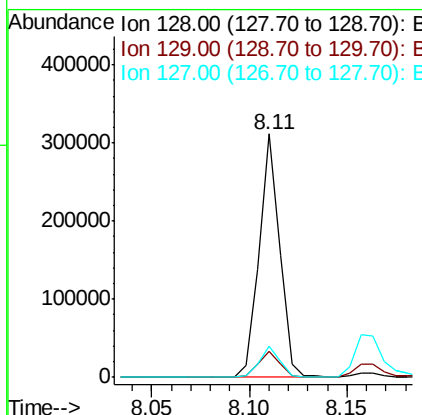
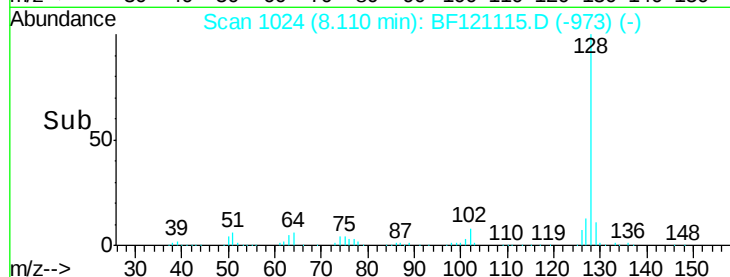
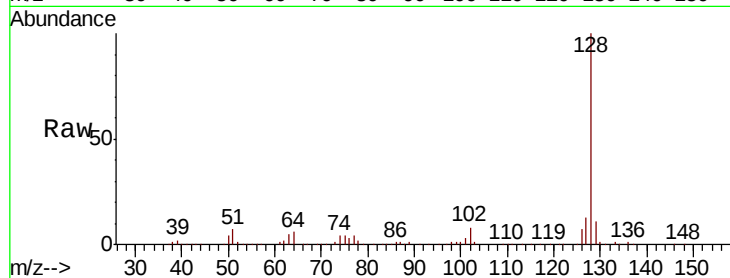
ClientSampleId :

20MS

Tot Ion:	128	Resp:	227431
Ion Ratio	Lower	Upper	
128	100		
129	10.7	9.3	13.9
127	12.9	10.8	16.2

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#33

4-Chloroaniline

Concen: 4.348 ng

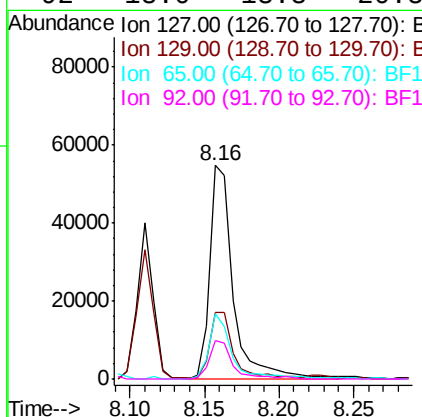
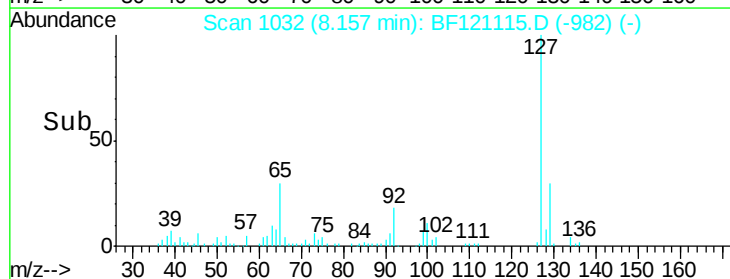
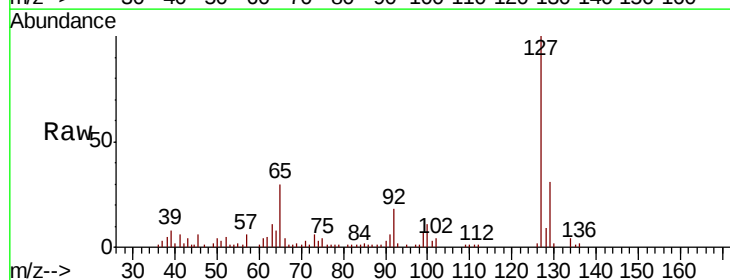
RT: 8.16 min Scan# 1032

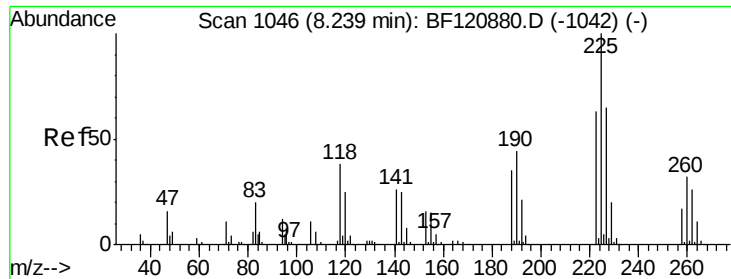
Delta R.T. -0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	127	Resp:	60103
Ion Ratio	Lower	Upper	
127	100		
129	31.0	26.2	39.2
65	30.4	21.4	32.0
92	18.0	13.8	20.8





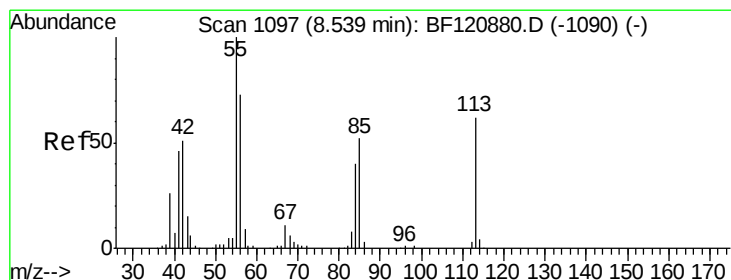
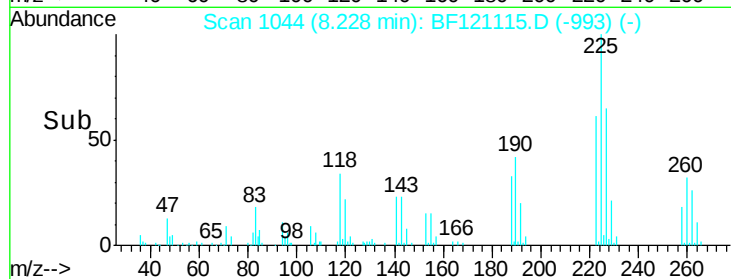
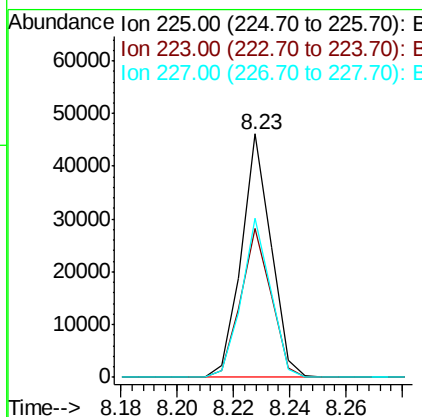
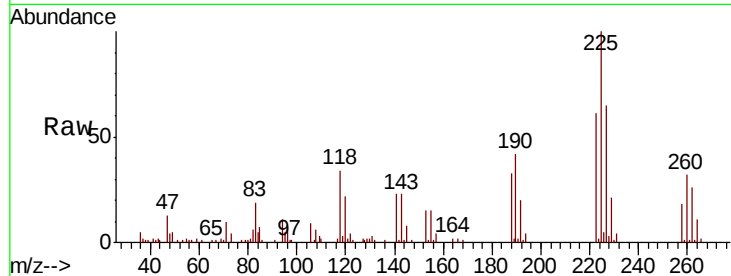
#34
Hexachlorobutadiene
Concen: 5.794 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.7	74.5
227	65.4	51.4	77.0

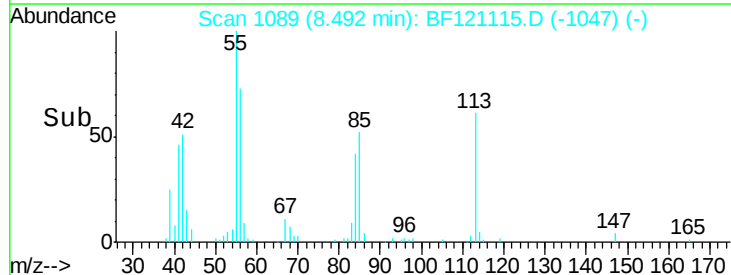
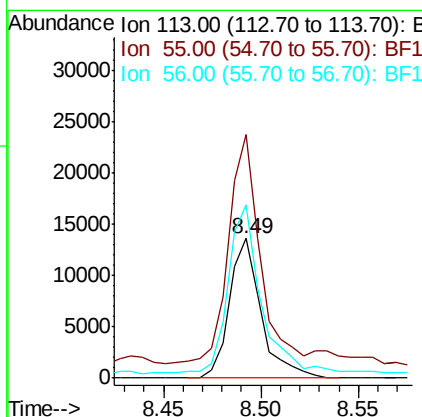
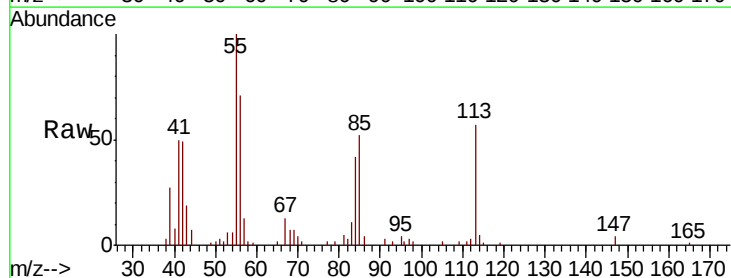
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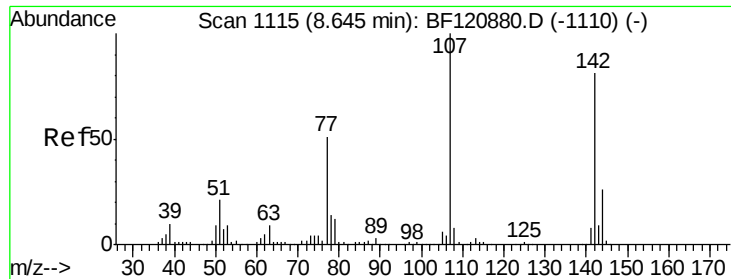
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#35
Caprolactam
Concen: 5.401 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.05 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.4	131.0	171.0#
56	123.8	90.4	130.4





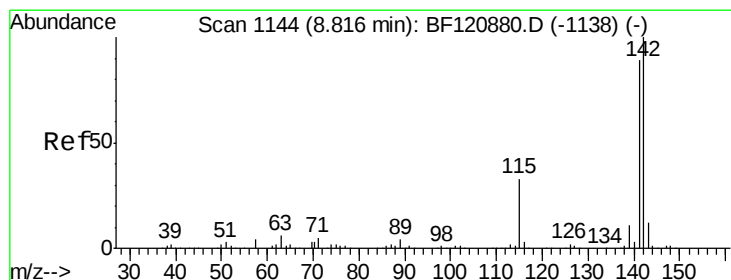
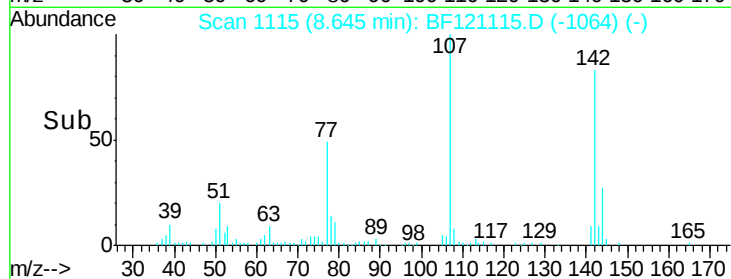
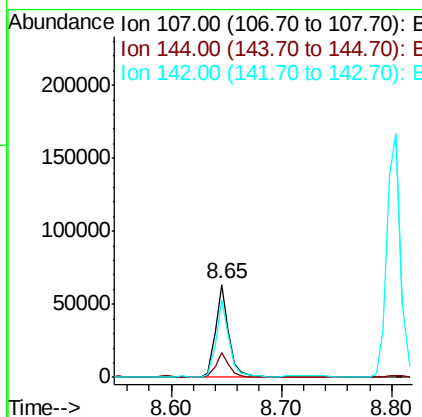
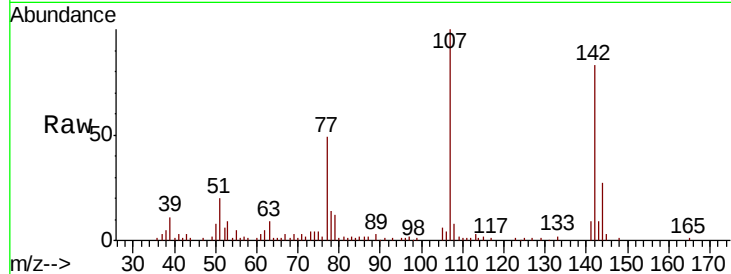
#36
4-Chloro-3-methylphenol
Concen: 5.938 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.9	31.3
142	83.1	64.5	96.7

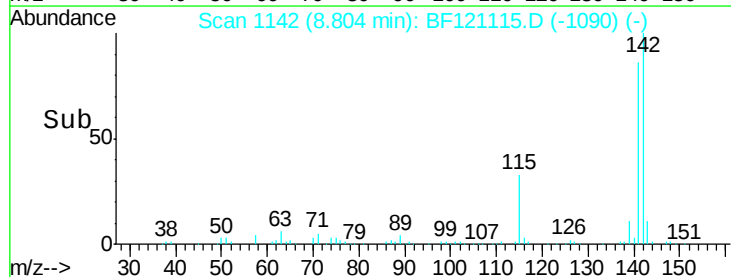
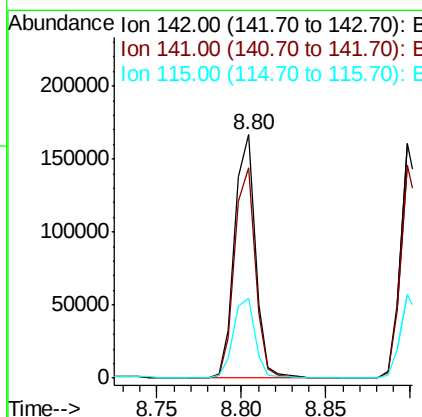
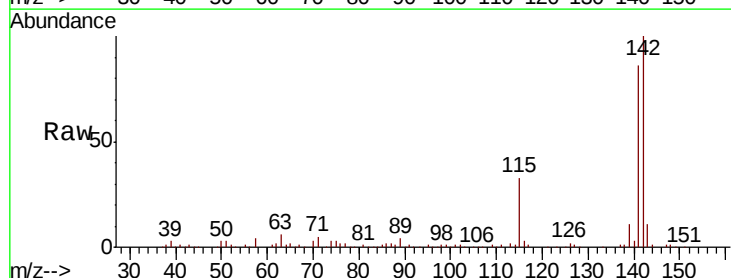
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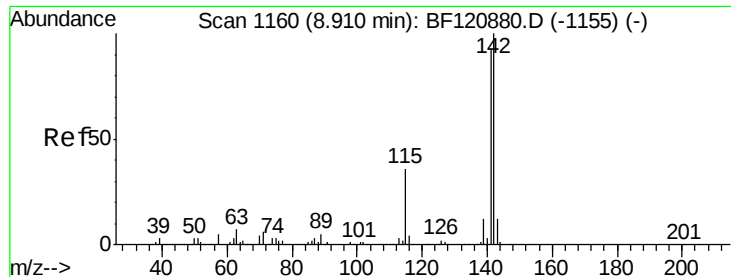
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#37
2-Methylnaphthalene
Concen: 7.105 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.6	105.8
115	32.8	27.1	40.7





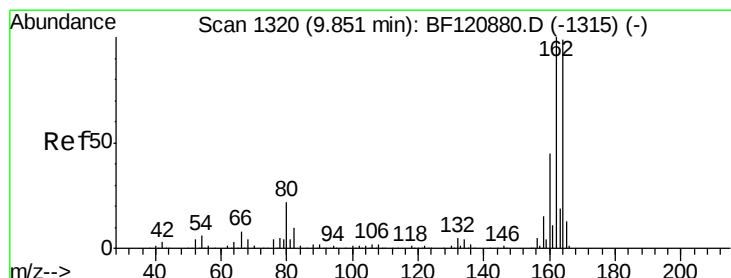
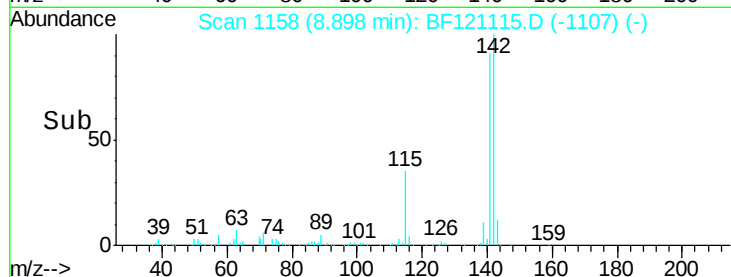
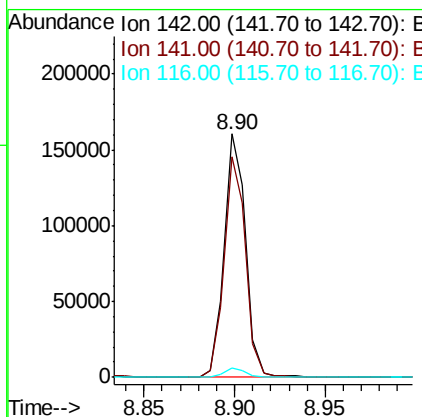
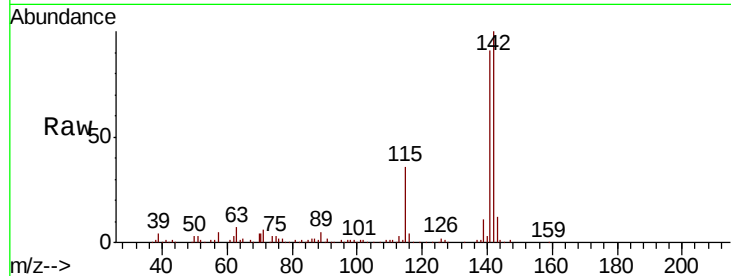
#38
1-Methylnaphthalene
Concen: 6.944 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.0	109.6
116	3.7	3.0	4.6

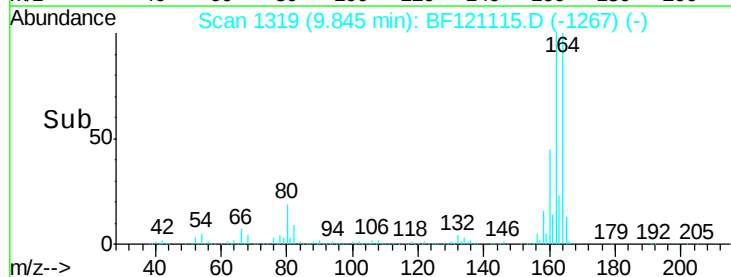
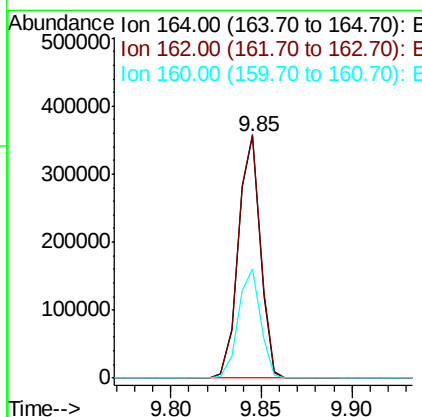
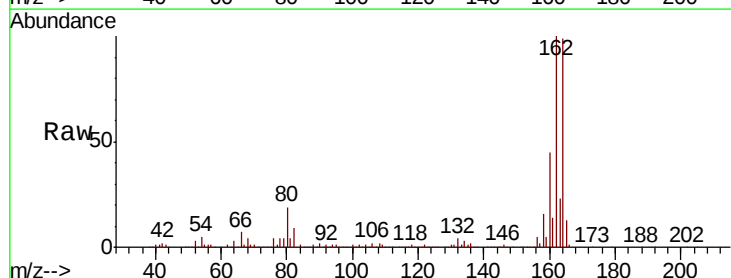
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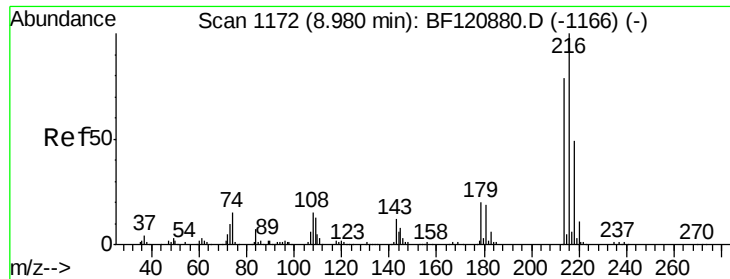
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	45.2	37.2	55.8





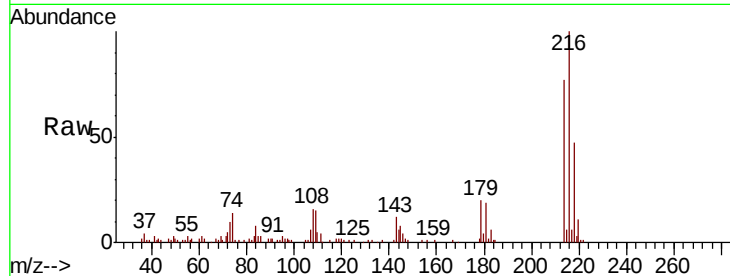
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 6.602 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

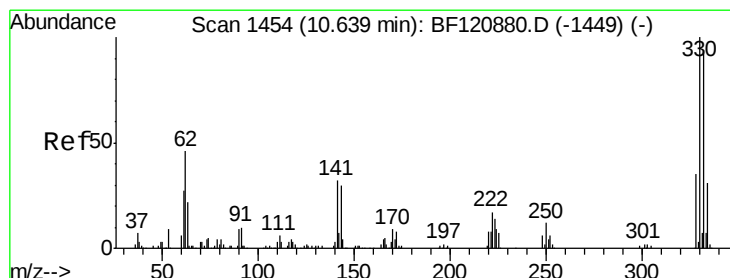
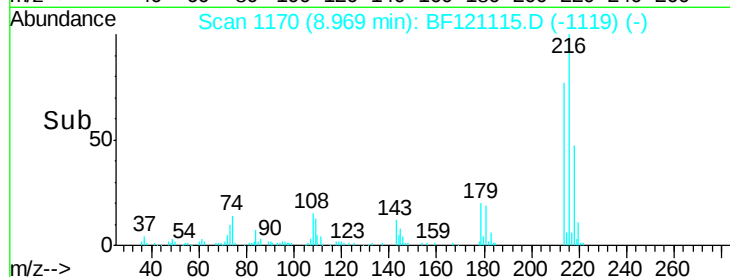
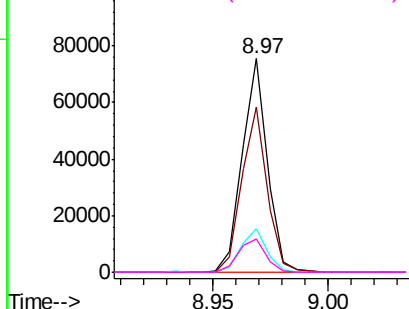
Tot Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.9	95.9
179	20.9	16.6	24.8
108	17.1	15.0	22.4

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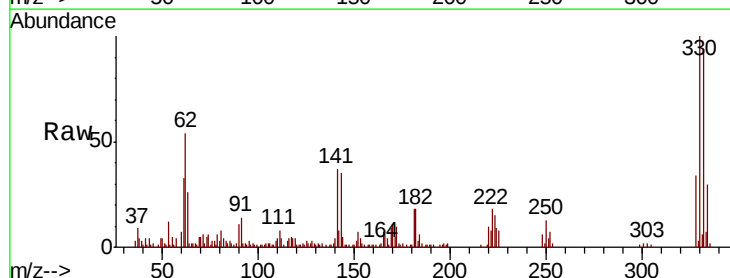


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

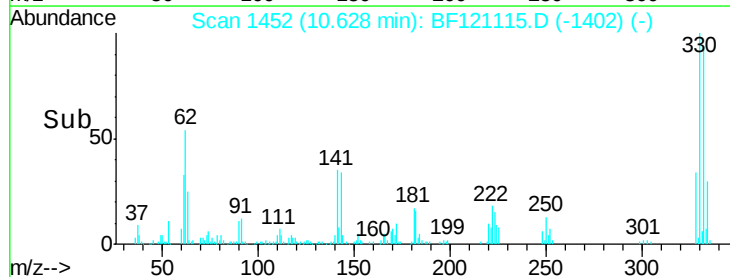
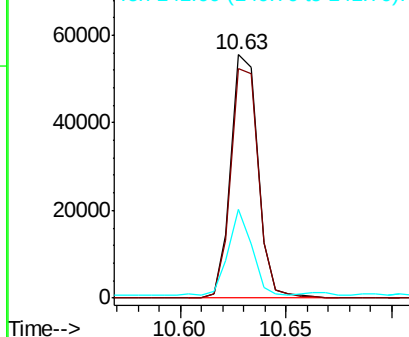


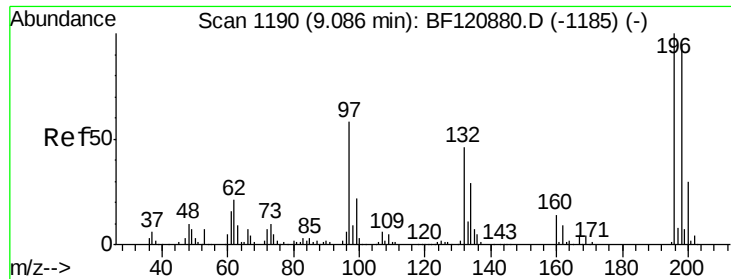
#42
 2,4,6-Tribromophenol
 Concen: 15.115 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	31.7	24.1	36.1



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





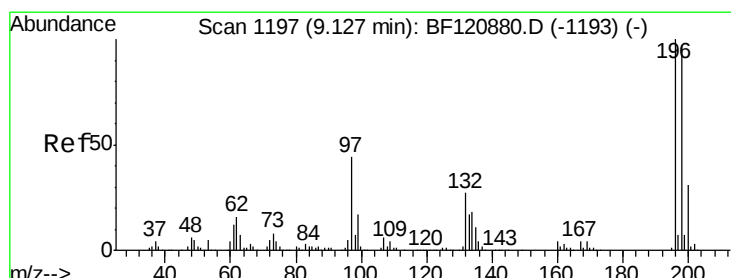
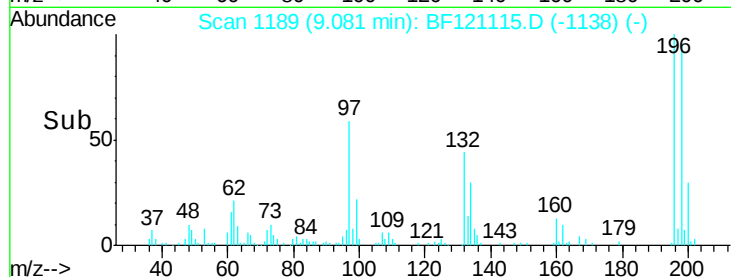
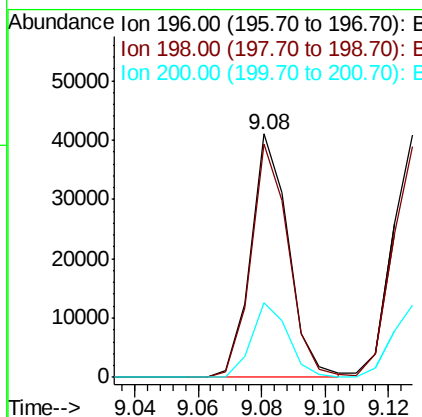
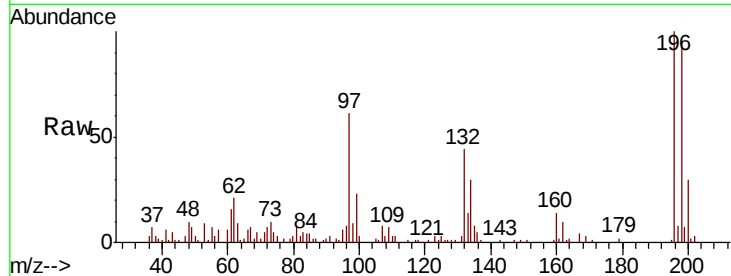
#43
 2,4,6-Trichlorophenol
 Concen: 5.485 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampled :
 20MS

Tot Ion:	196	Resp:	33638
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.5	116.3
200	30.4	24.6	37.0

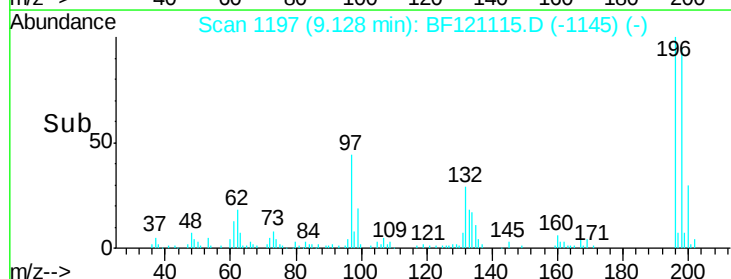
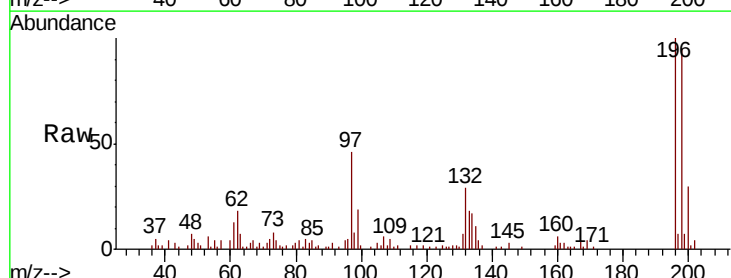
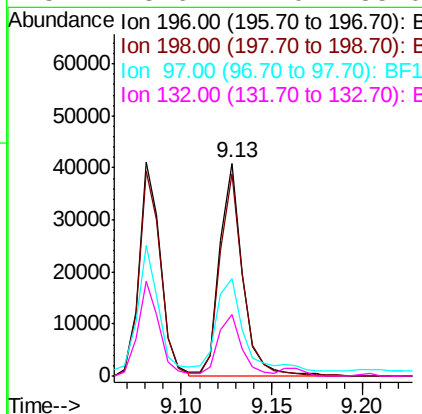
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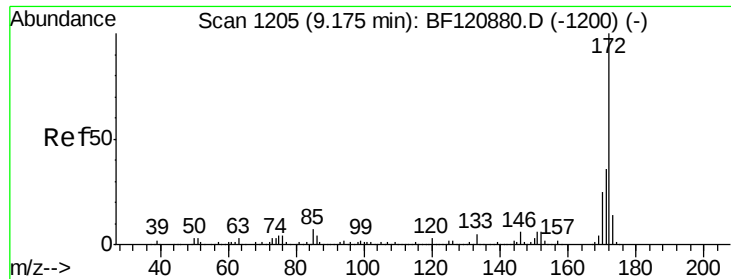
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#44
 2,4,5-Trichlorophenol
 Concen: 5.193 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion:	196	Resp:	36126
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
97	45.8	37.3	55.9
132	28.6	22.0	33.0





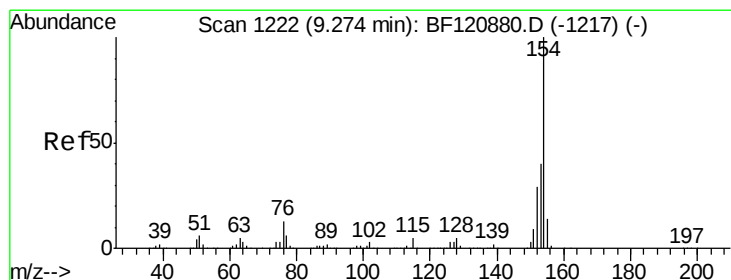
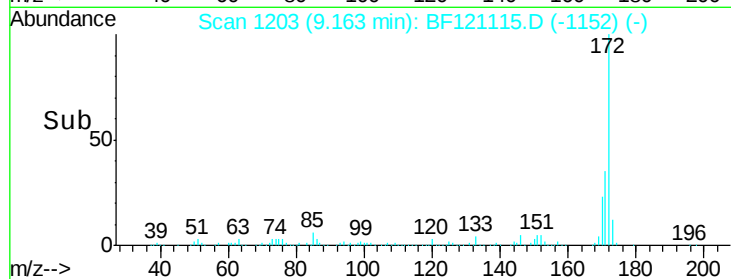
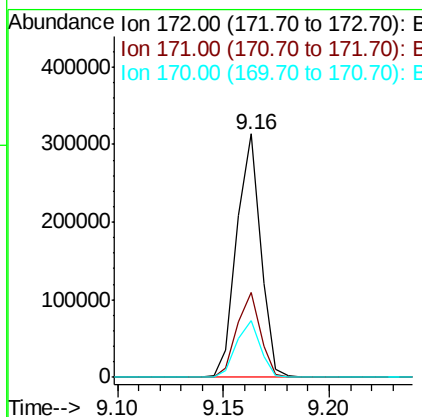
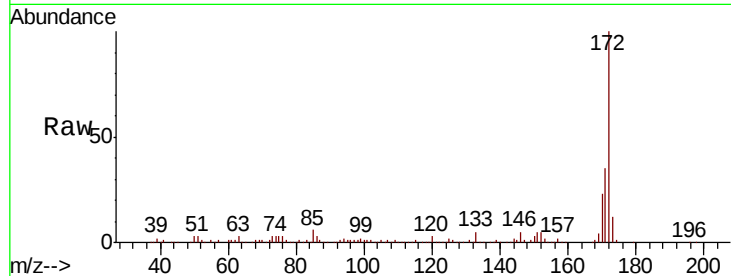
#45
2-Fluorobiphenyl
Concen: 12.235 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	244998		
171	34.8		29.0	43.4
170	23.5		19.6	29.4

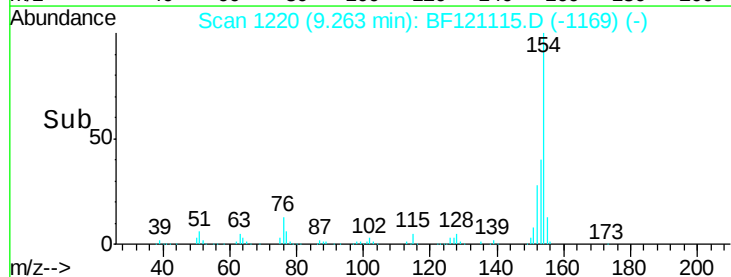
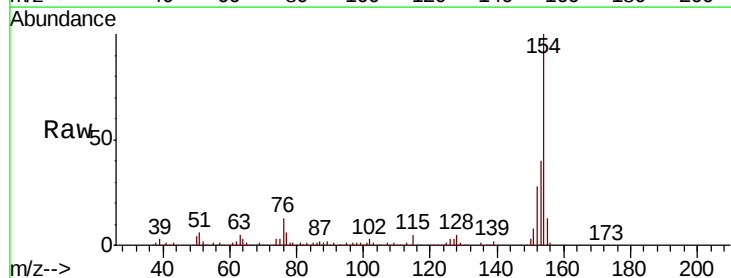
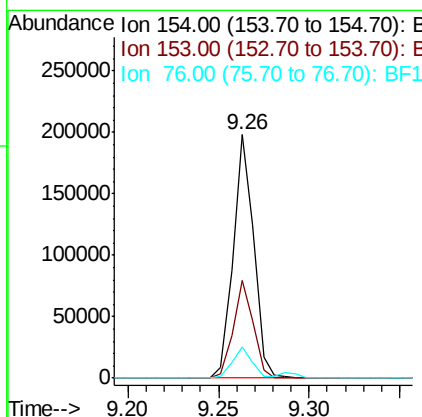
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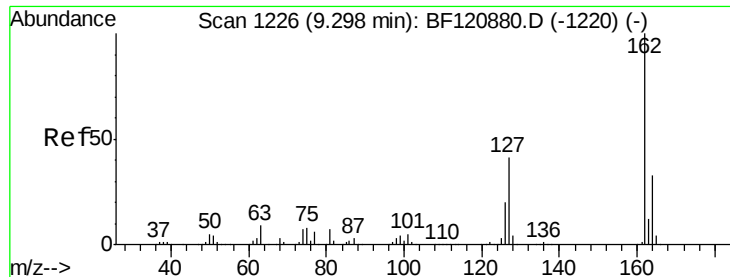
mohammad
7/30/2020 3:33:51 PM



#46
1,1'-Biphenyl
Concen: 6.845 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	156106		
153	40.1		20.6	60.6
76	12.7		0.0	33.4





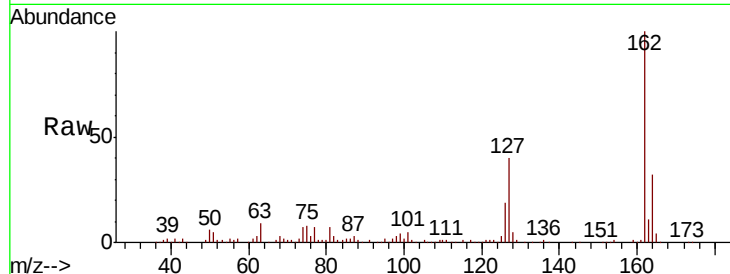
#47
2-Chloronaphthalene
Concen: 6.059 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

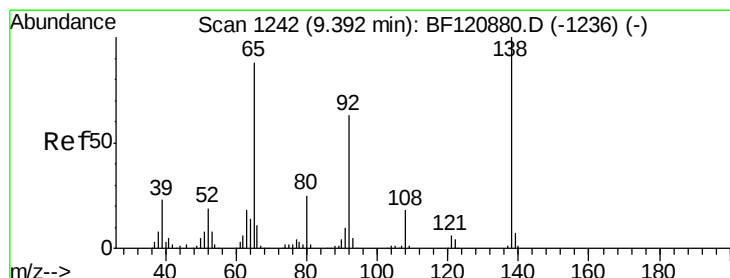
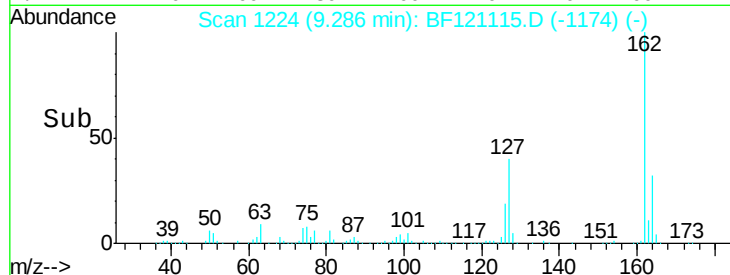
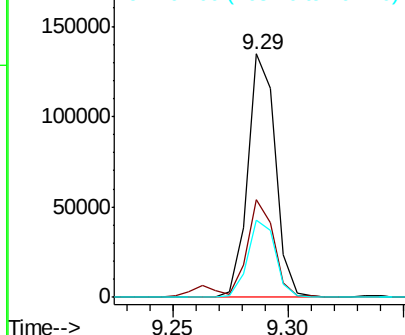
Tot Ion	Ratio	Resp	Lower	Upper
162	100	112648		
127	40.3		31.1	46.7
164	32.0		26.6	40.0

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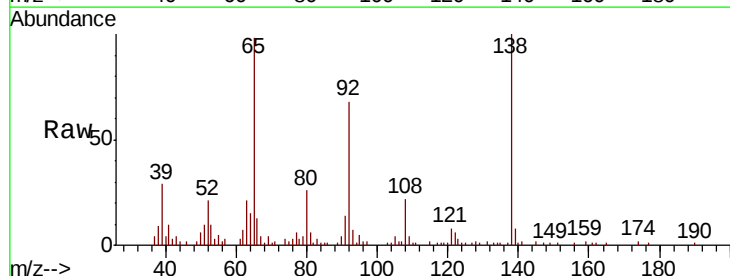


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

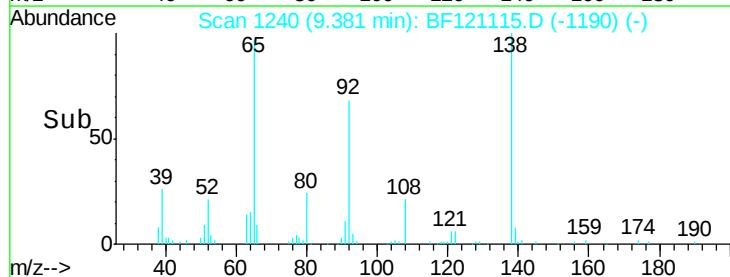
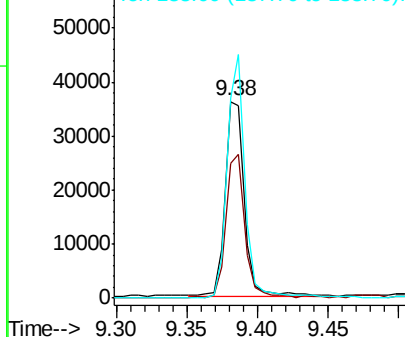


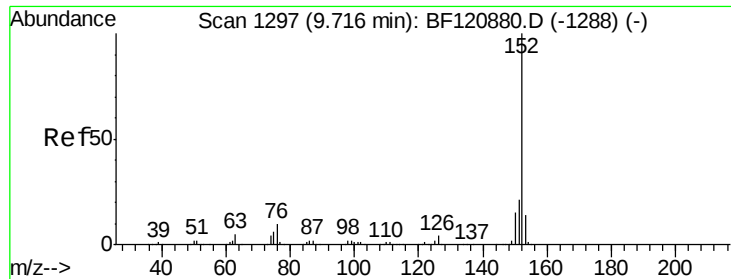
#48
2-Nitroaniline
Concen: 6.004 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	33735		
92	69.0		58.0	87.0
138	101.9		93.3	139.9



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





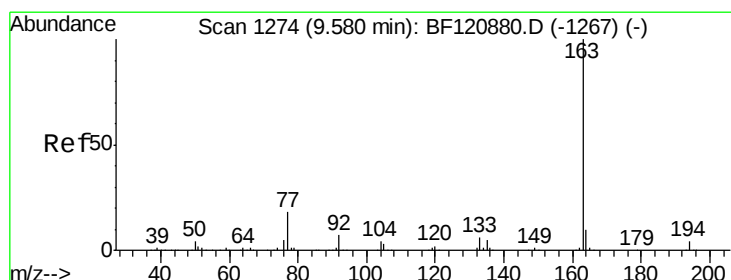
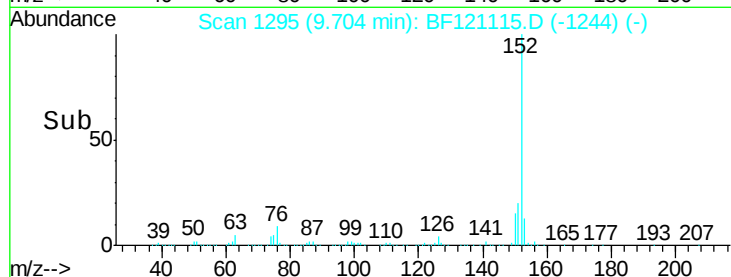
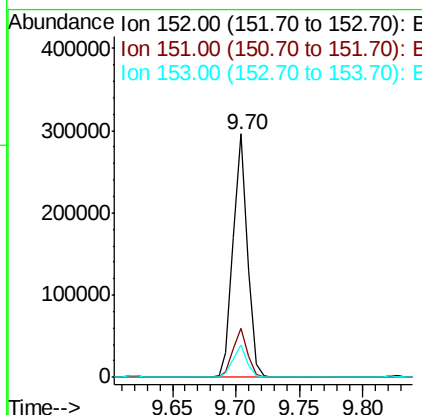
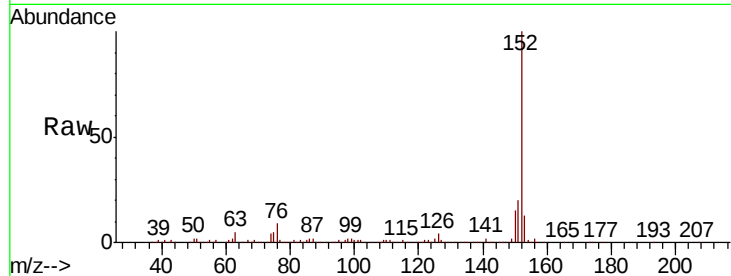
#49
Acenaphthylene
Concen: 7.942 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	229411		
151	20.0		16.6	25.0
153	13.1		11.0	16.4

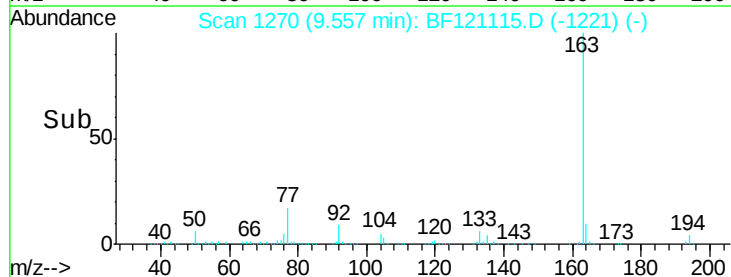
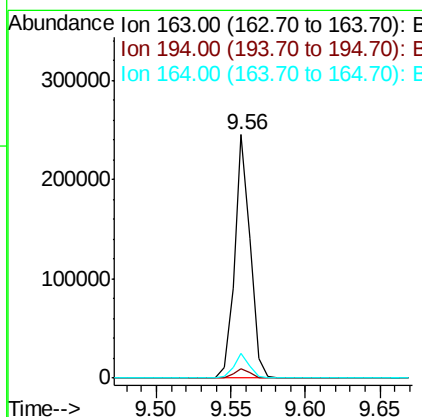
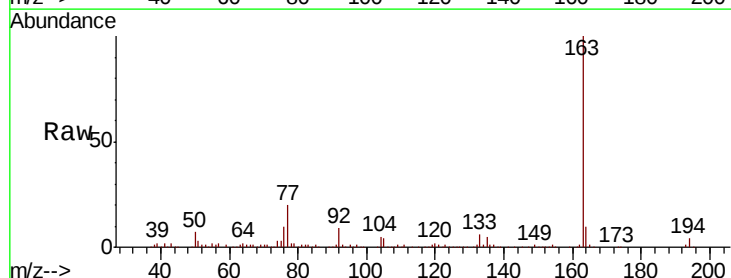
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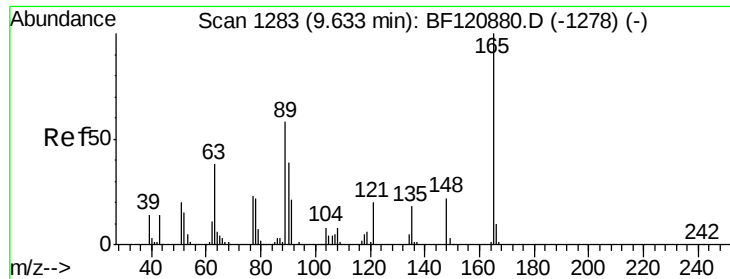
mohammad
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#50
Dimethylphthalate
Concen: 8.449 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	182228		
194	3.8		3.0	4.4
164	10.0		8.4	12.6





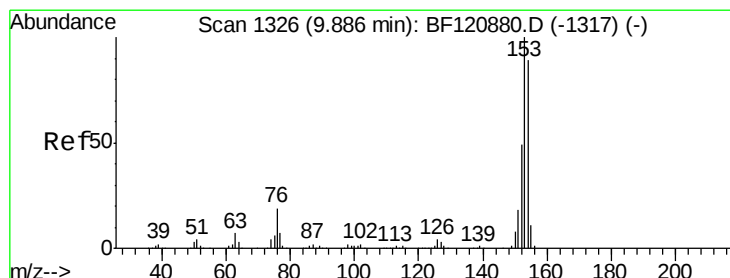
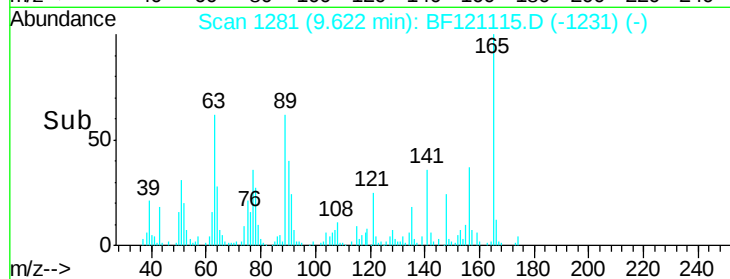
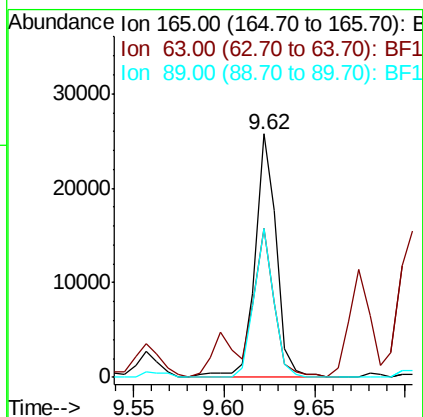
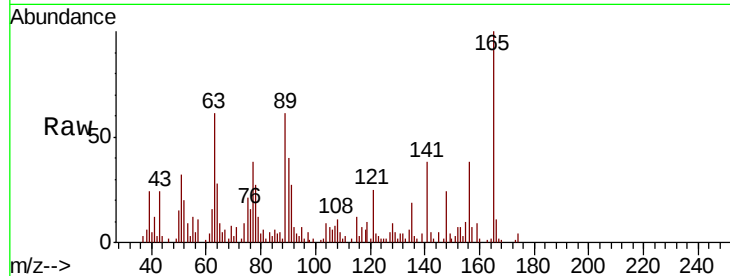
#51
2,6-Dinitrotoluene
Concen: 4.550 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	21085		
63	61.0		41.1	61.7
89	61.1		43.5	65.3

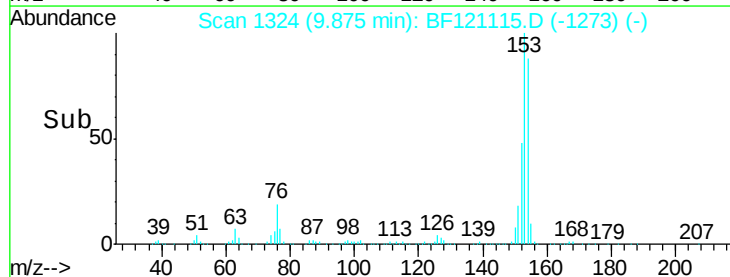
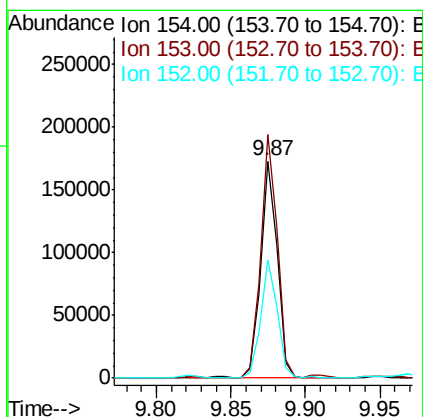
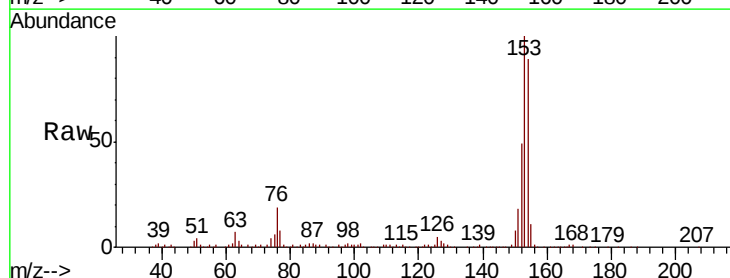
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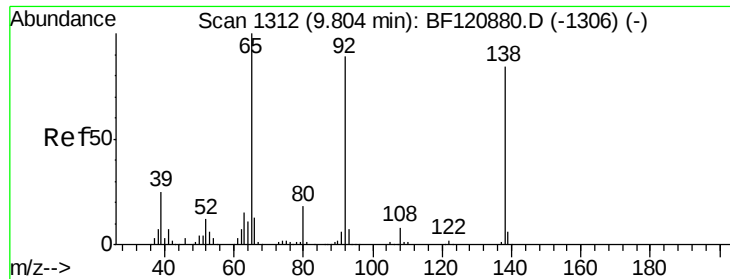
mohammad
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#52
Acenaphthene
Concen: 7.184 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	131928		
153	112.2		89.6	134.4
152	54.4		43.8	65.6





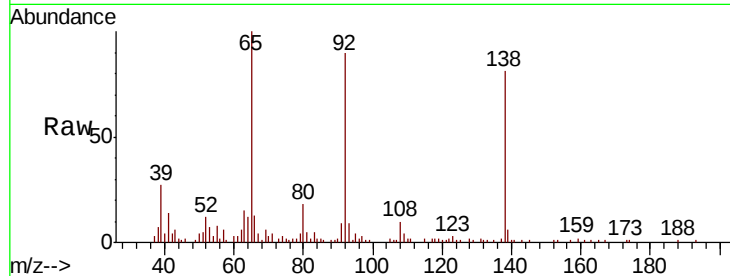
#53
3-Nitroaniline
Concen: 5.403 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampled :
20MS

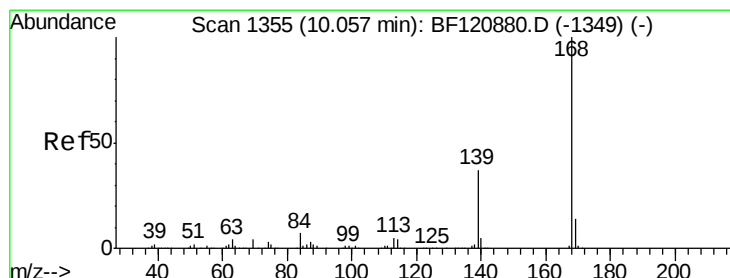
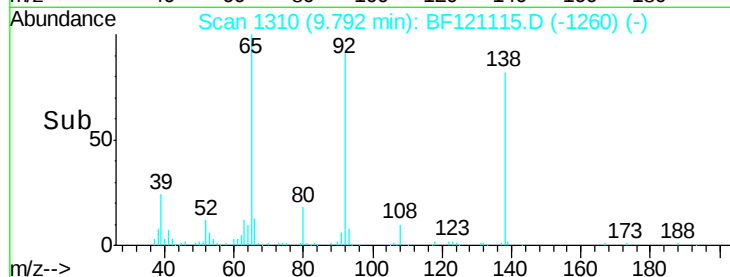
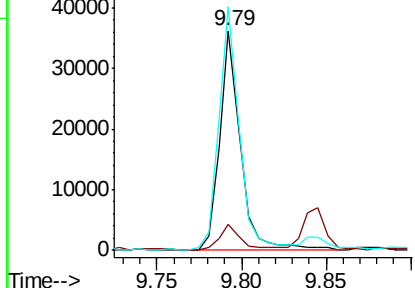
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	7.8	11.8#
92	111.0	85.0	127.4

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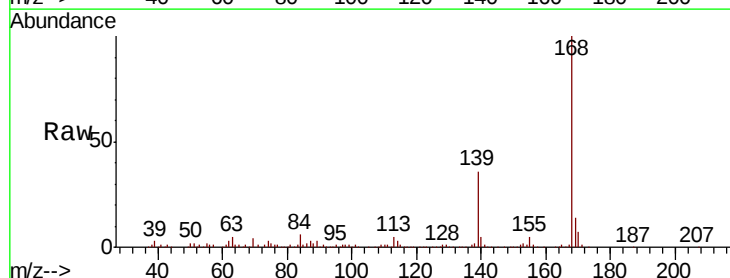


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

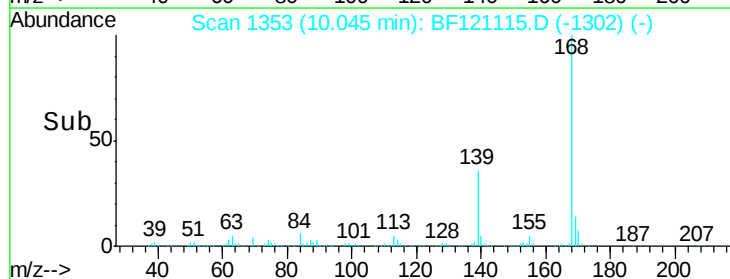
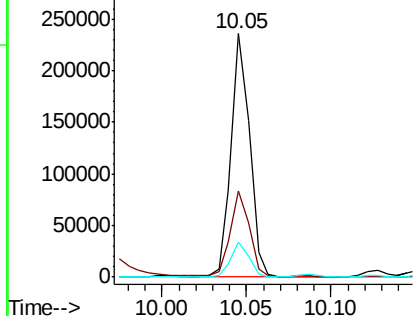


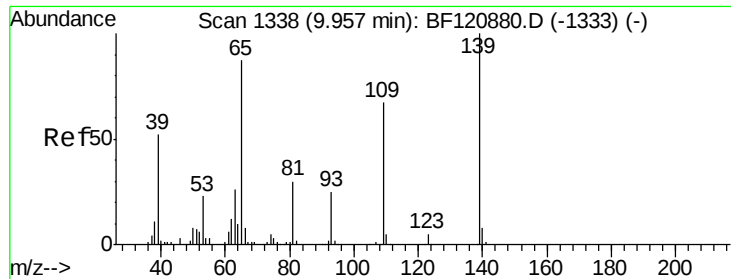
#55
Dibenzofuran
Concen: 6.699 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.1	45.1
169	14.4	11.3	16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





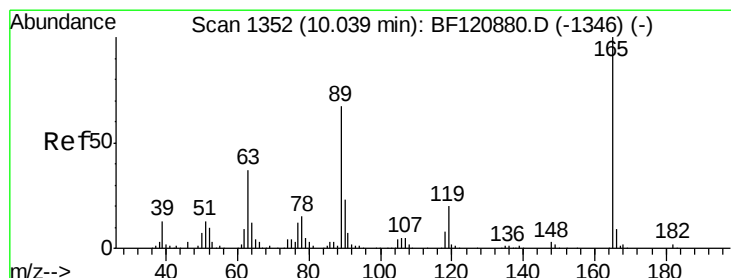
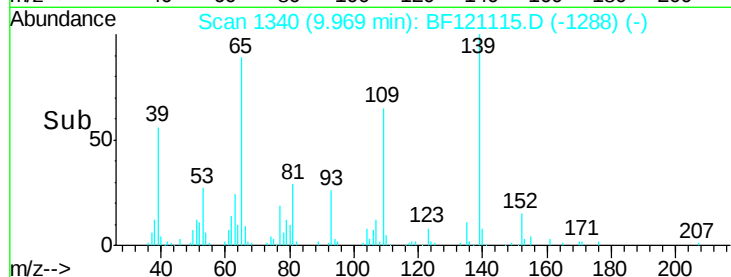
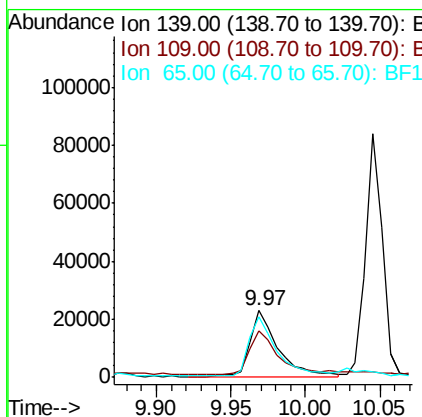
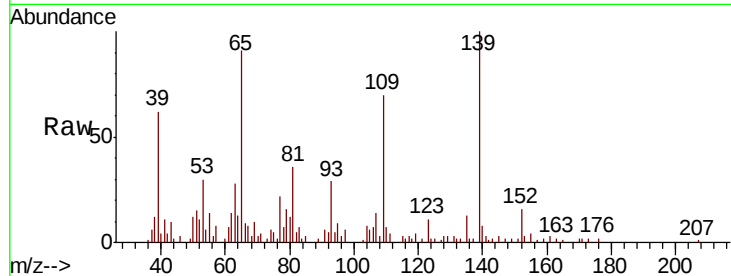
#56
4-Nitrophenol
Concen: 7.003 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.0	44.8	84.8
65	91.3	65.6	105.6

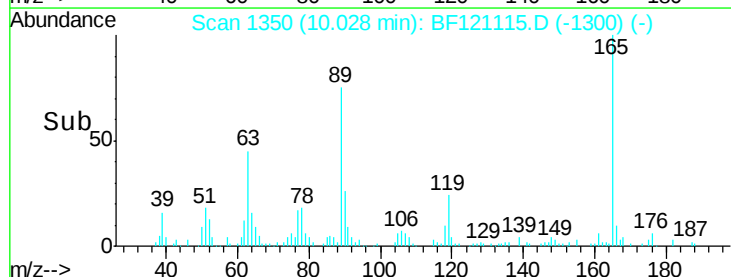
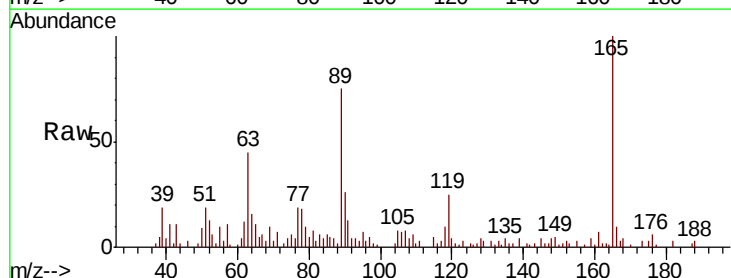
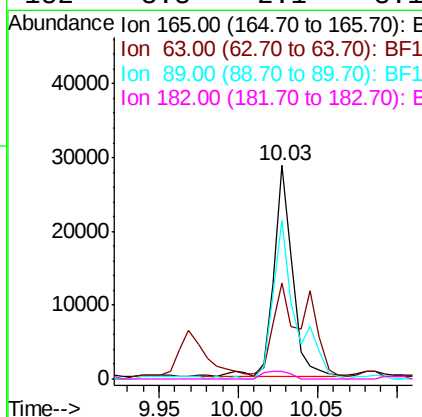
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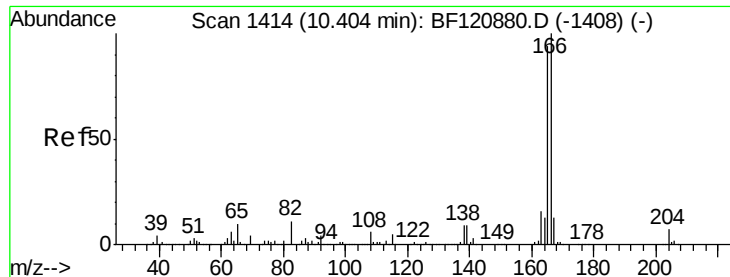
mohammad
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#57
2,4-Dinitrotoluene
Concen: 3.899 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.0	29.8	44.8#
89	74.6	50.3	75.5
182	3.3	2.1	3.1#





#58

Fluorene

Concen: 8.367 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampled :

20MS

Tot Ion:166 Resp: 165725

Ion Ratio Lower Upper

166 100

165 94.2 76.4 114.6

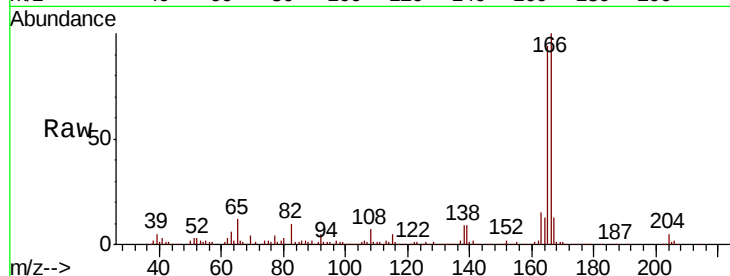
167 13.0 10.7 16.1

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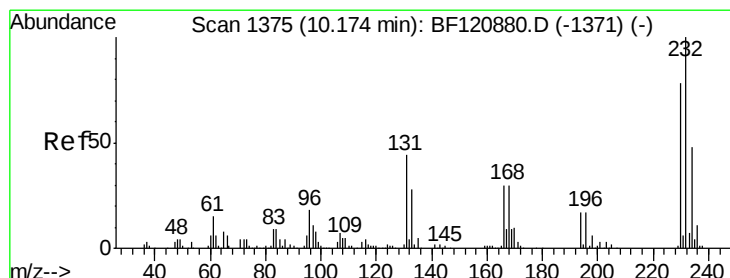
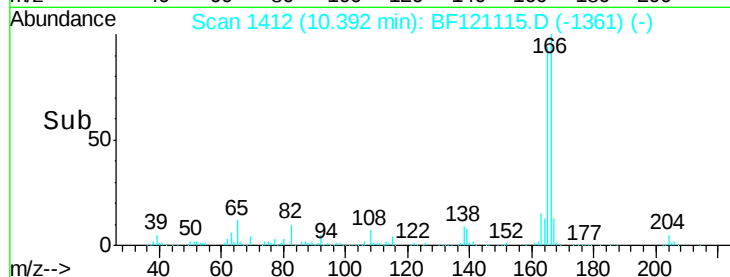
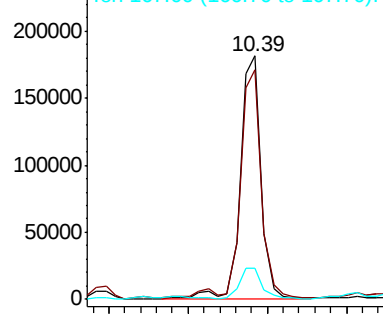


Abundance

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: 4.701 ng

RT: 10.17 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:232 Resp: 24899

Ion Ratio Lower Upper

232 100

131 43.7 34.2 51.2

130 6.0 1.7 2.5#

166 33.8 23.1 34.7

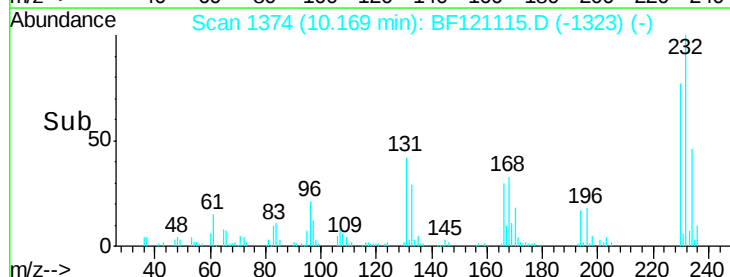
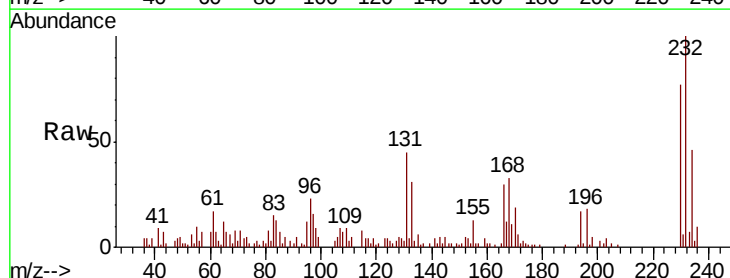
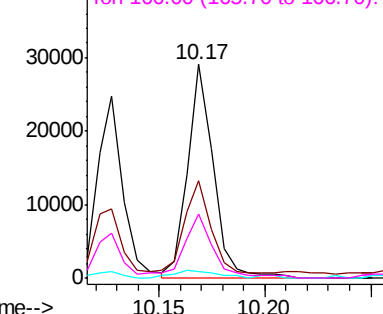
Abundance

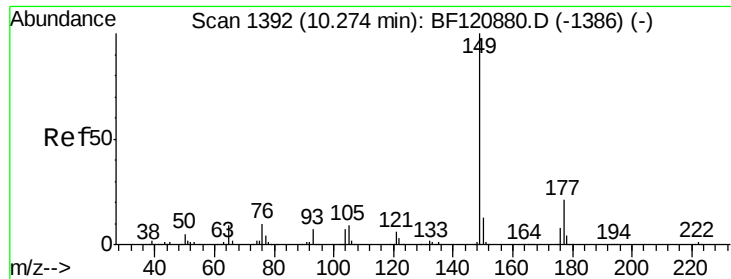
Ion 232.00 (231.70 to 232.70): E

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





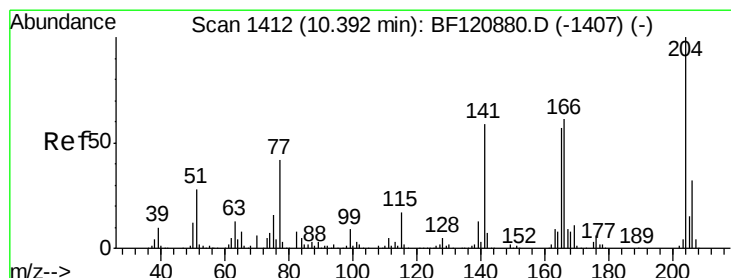
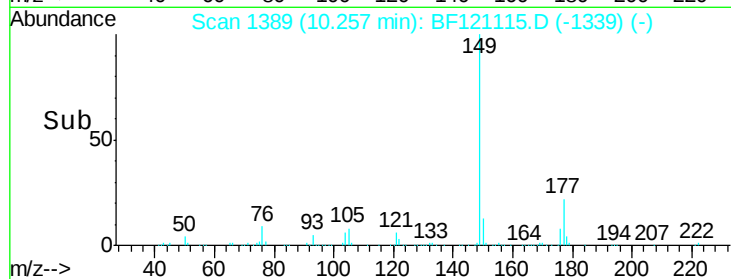
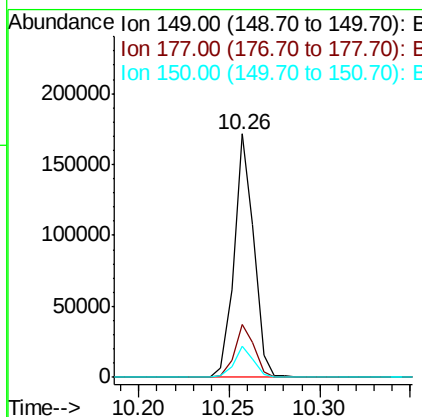
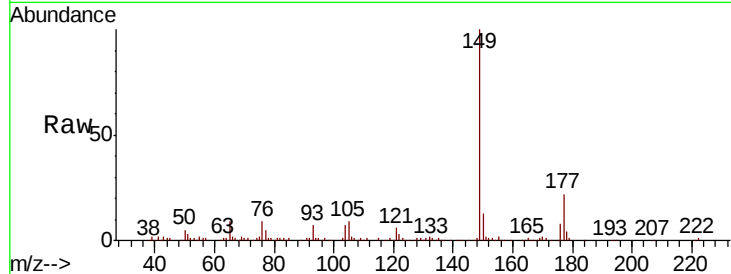
#60
Diethylphthalate
Concen: 5.904 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampled :
20MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.6	26.4
150	13.0	10.2	15.4

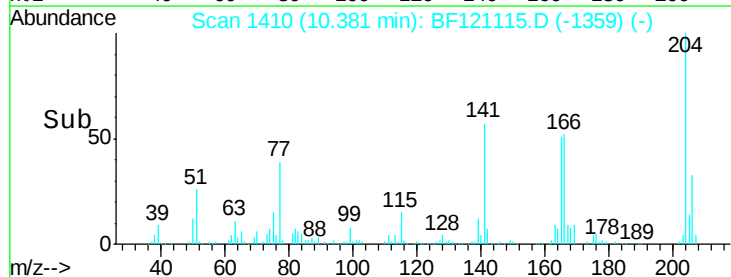
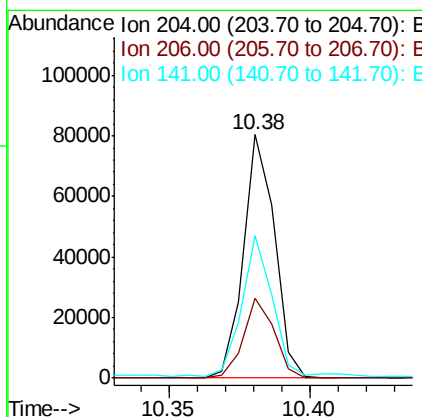
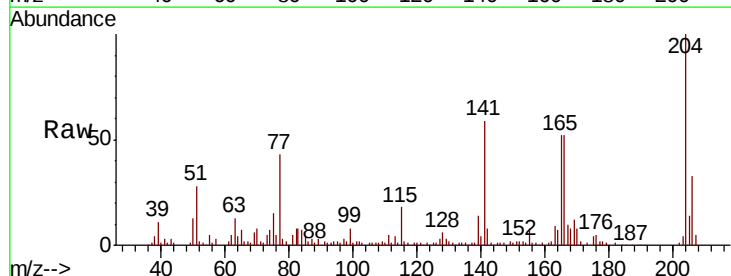
Manual Integrations
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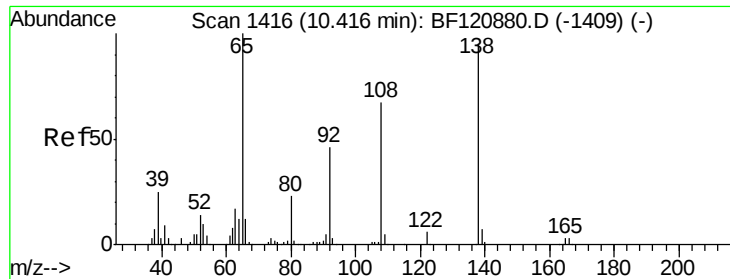
mohammad
7/30/2020 3:33:51 PM



#61
4-Chlorophenyl-phenylether
Concen: 5.821 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	58.6	46.9	70.3





#62

4-Nitroaniline

Concen: 5.819 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

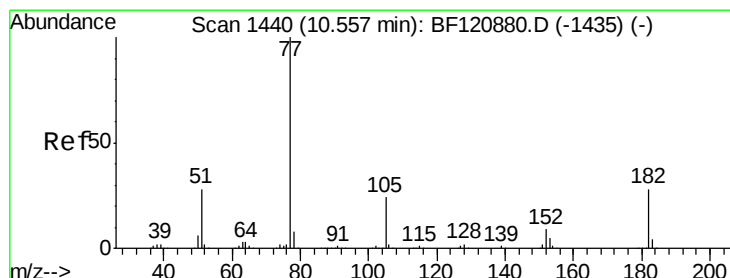
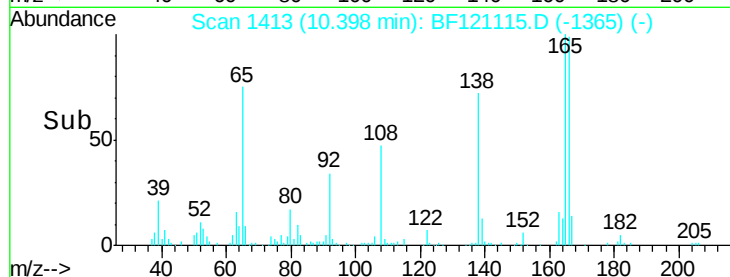
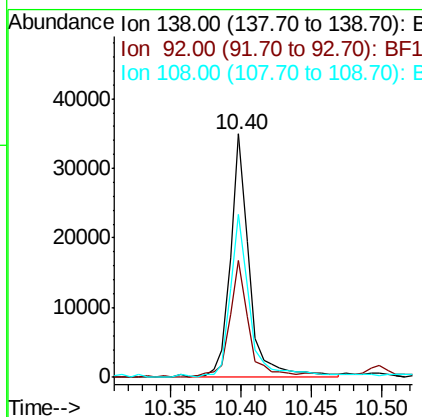
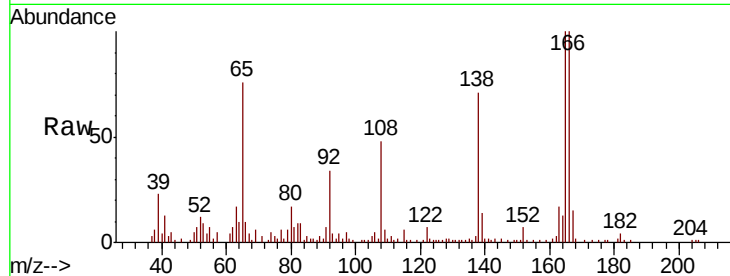
ClientSampled :

20MS

Tot Ion:	138	Resp:	32944
Ion	Ratio	Lower	Upper
138	100		
92	48.2	25.2	65.2
108	67.2	46.7	86.7

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#63

Azobenzene

Concen: 5.405 ng

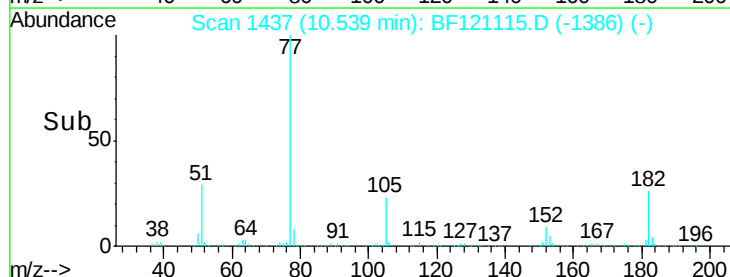
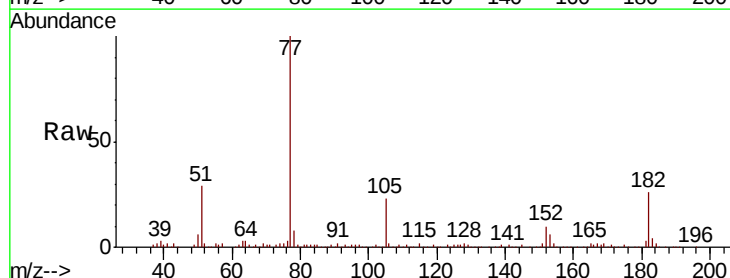
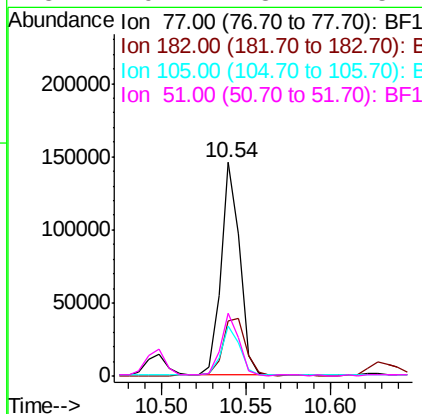
RT: 10.54 min Scan# 1437

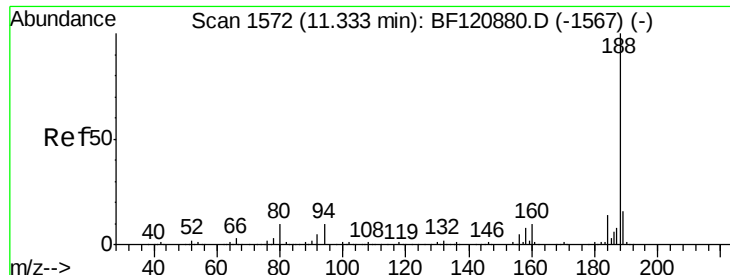
Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	77	Resp:	112250
Ion	Ratio	Lower	Upper
77	100		
182	25.8	4.5	44.5
105	23.3	3.4	43.4
51	29.2	8.7	48.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

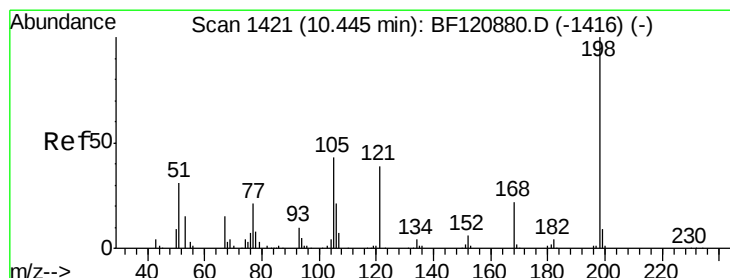
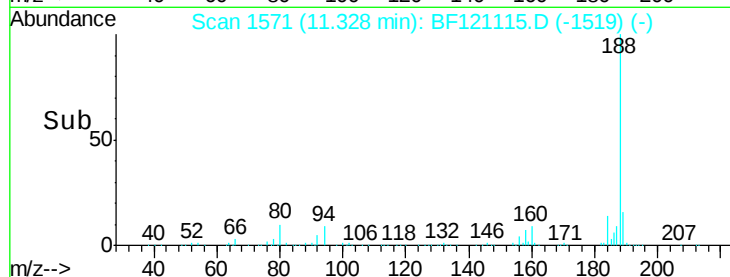
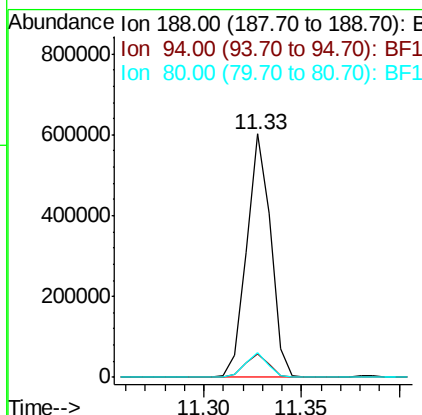
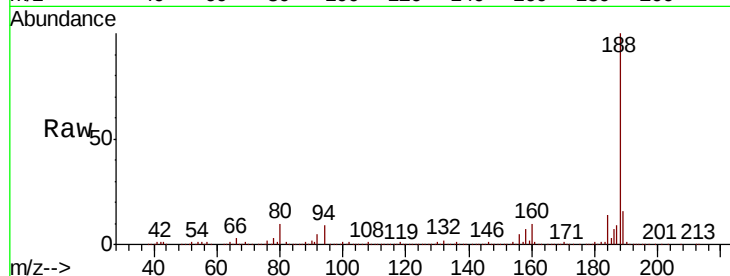
ClientSampleId :

20MS

Tot Ion:	188	Resp:	513489
Ion Ratio	Lower	Upper	
188	100		
94	9.4	8.0	12.0
80	10.1	8.3	12.5

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#65

4,6-Dinitro-2-methylphenol

Concen: 3.984 ng

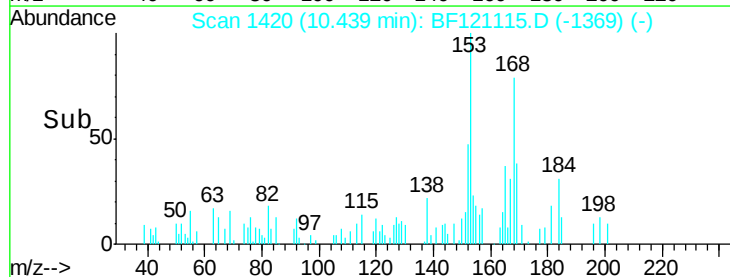
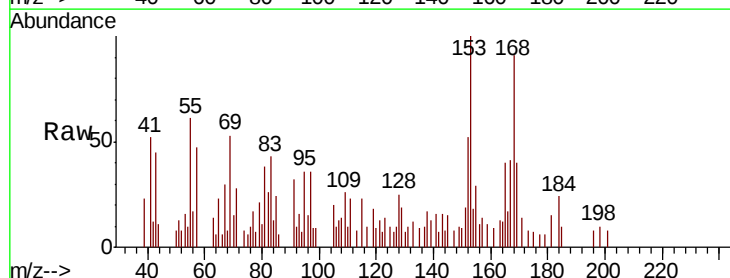
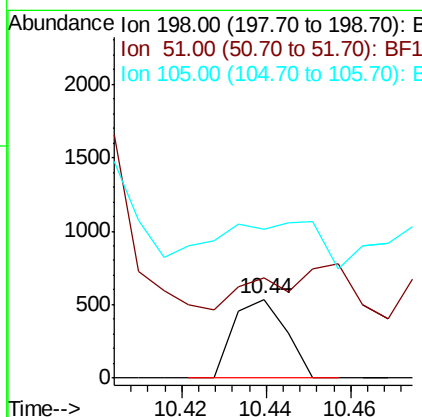
RT: 10.44 min Scan# 1420

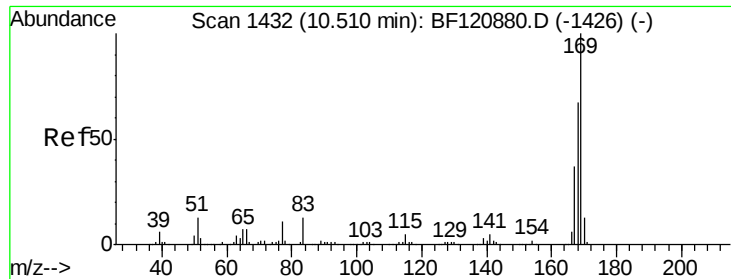
Delta R.T. 0.00 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	198	Resp:	457
Ion Ratio	Lower	Upper	
198	100		
51	127.3	23.4	63.4#
105	188.6	23.7	63.7#





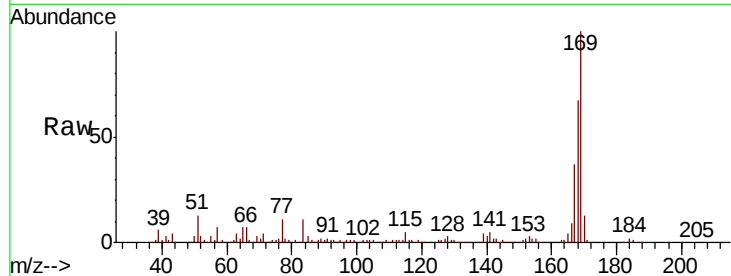
#66
 n-Nitrosodiphenylamine
 Concen: 6.865 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

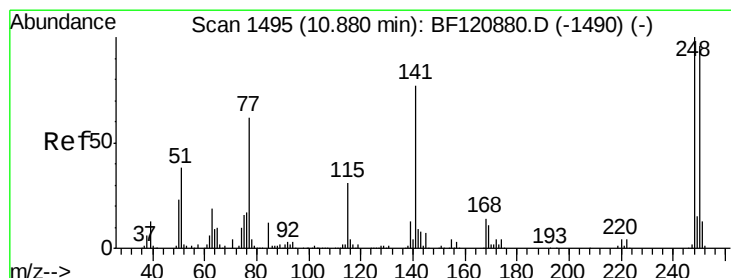
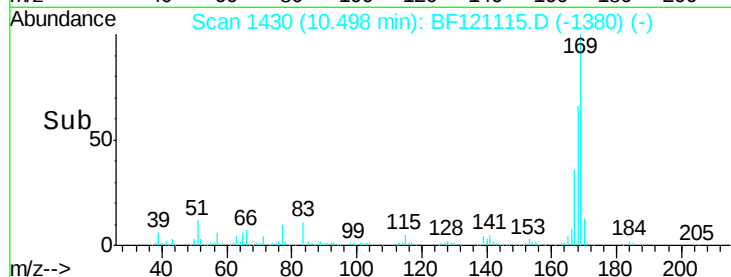
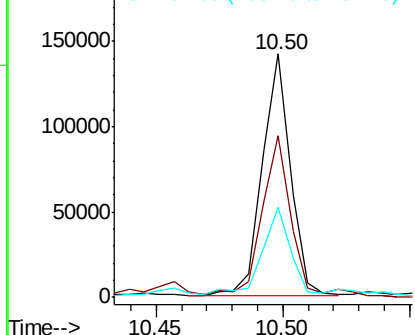
Tot Ion	Ratio	Resp	Lower	Upper
169	100	110895		
168	66.6	53.7	80.5	
167	36.8	30.0	45.0	

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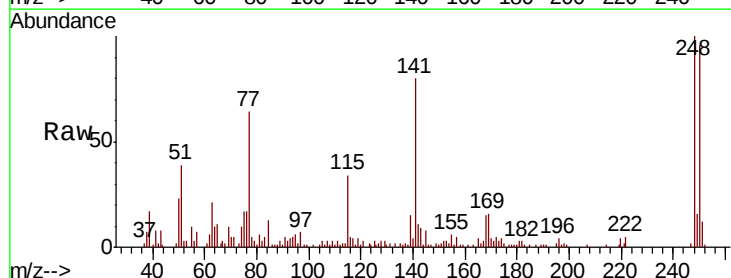


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

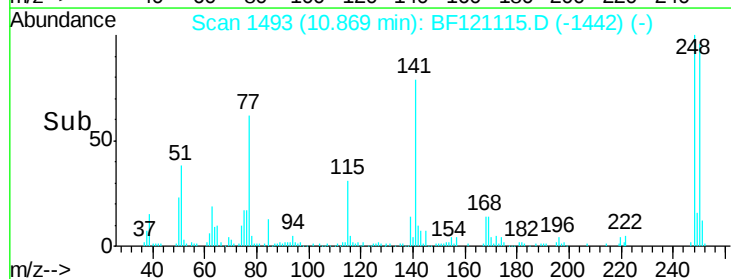
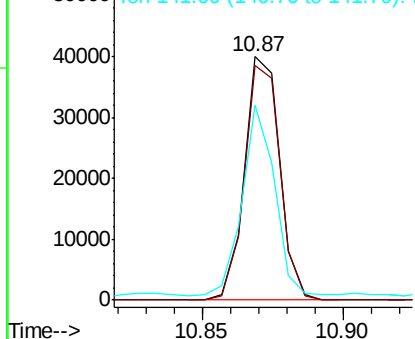


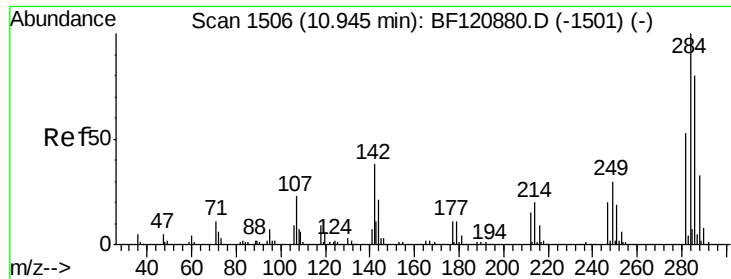
#67
 4-Bromophenyl-phenylether
 Concen: 6.019 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	34458		
250	96.2	77.0	115.6	
141	80.2	56.6	85.0	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





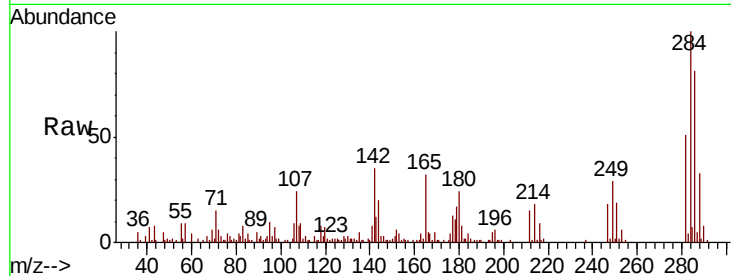
#68
Hexachlorobenzene
Concen: 6.114 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	37863		
142	35.1	21.1	31.7	
249	29.1	22.5	33.7	

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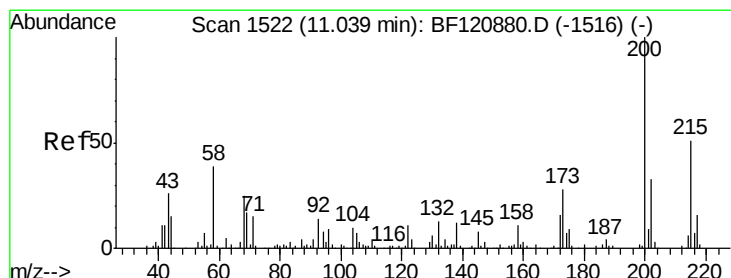
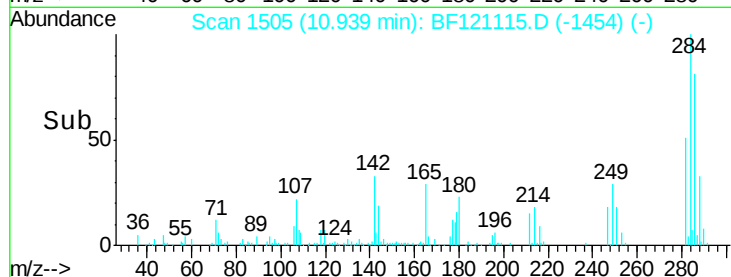
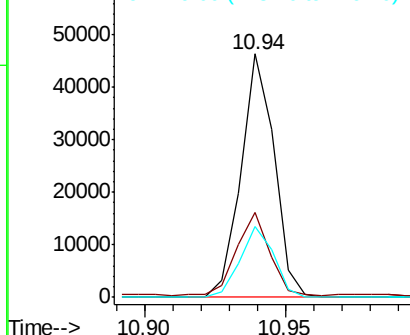


Abundance

Ion 283.80 (283.50 to 284.50): E

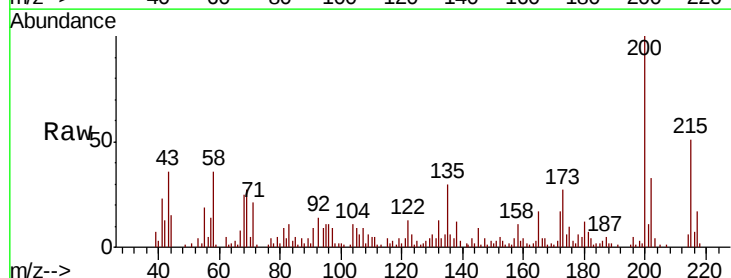
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69
Atrazine
Concen: 7.000 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	28004		
173	27.0	7.6	47.6	
215	51.1	28.8	68.8	

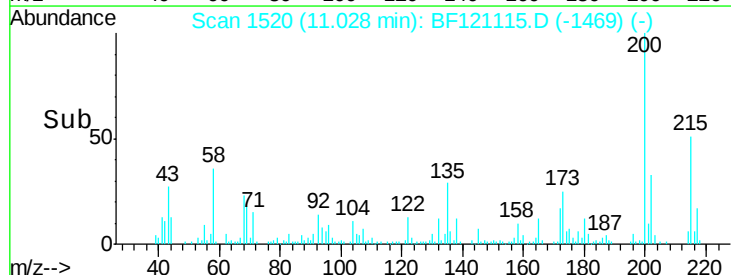
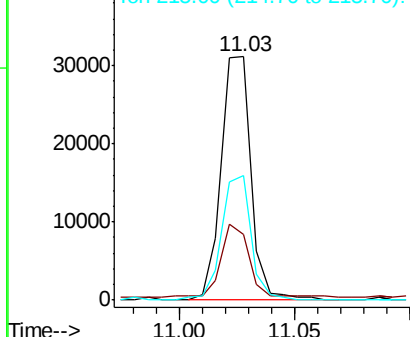


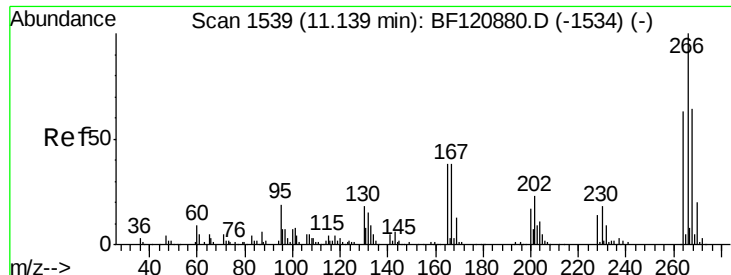
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





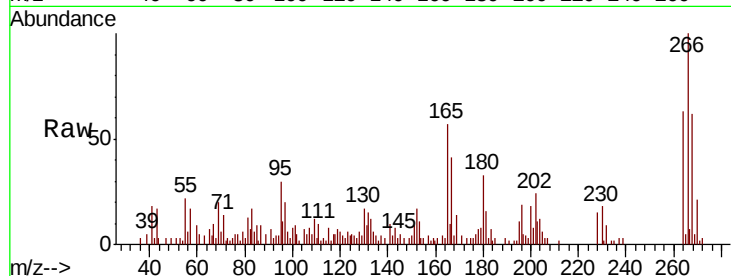
#70
 Pentachlorophenol
 Concen: 5.526 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

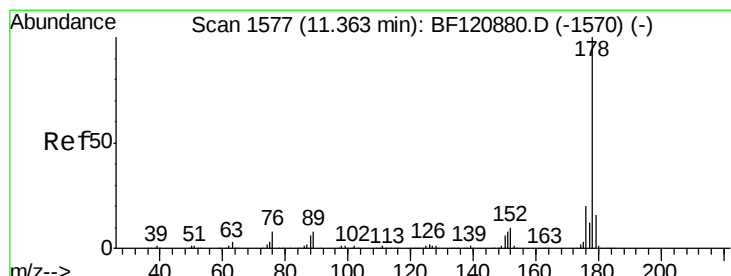
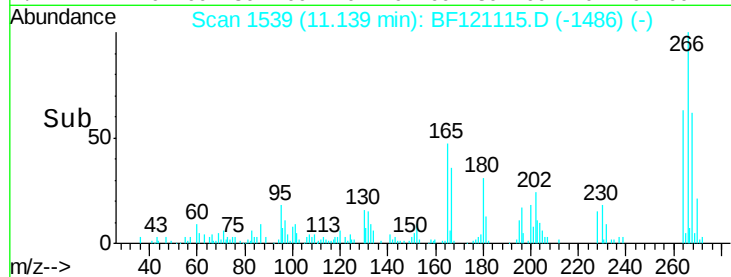
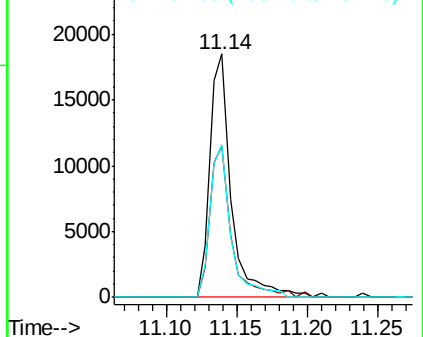
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	49.7	74.5
264	62.8	50.4	75.6

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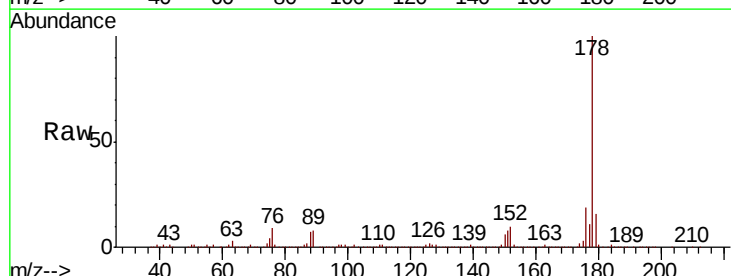


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

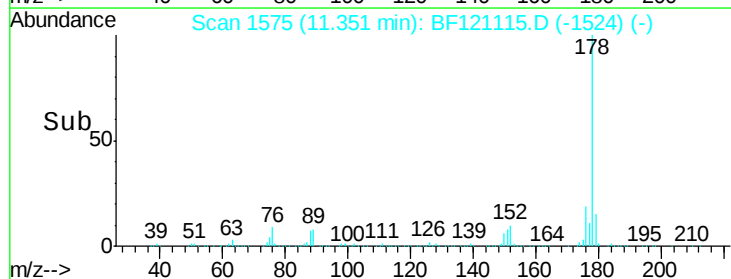
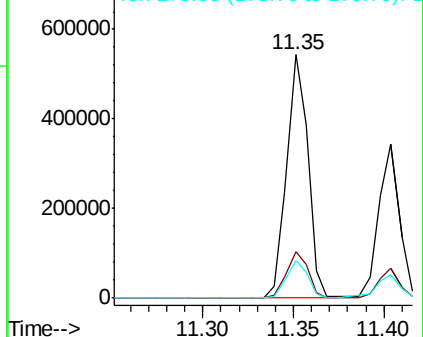


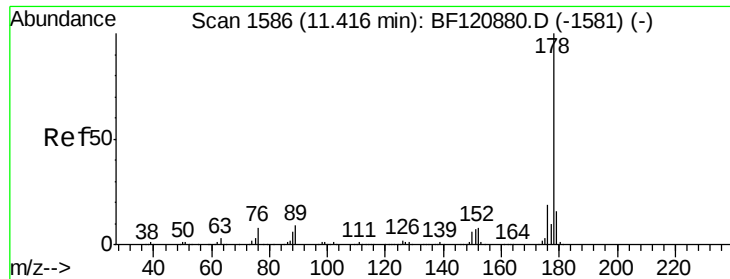
#71
 Phenanthrene
 Concen: 16.843 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.2
179	15.5	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





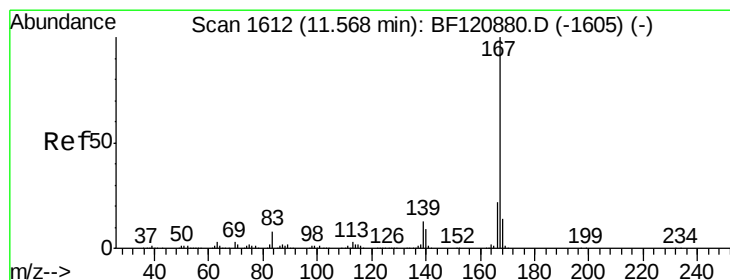
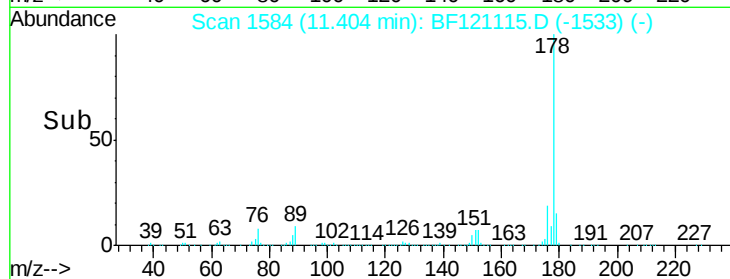
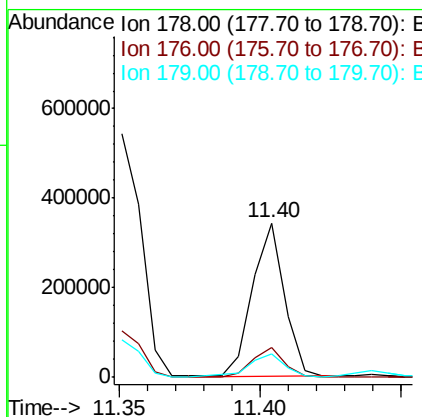
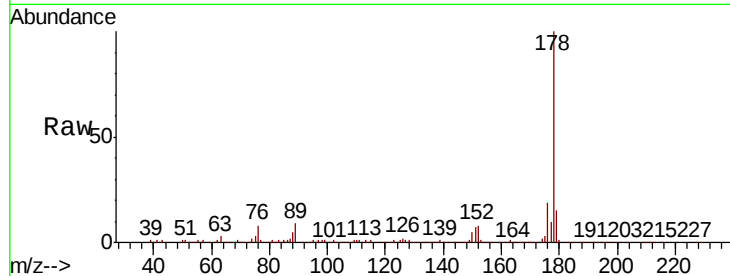
#72
 Anthracene
 Concen: 10.183 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampled :
 20MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.4	12.6	19.0

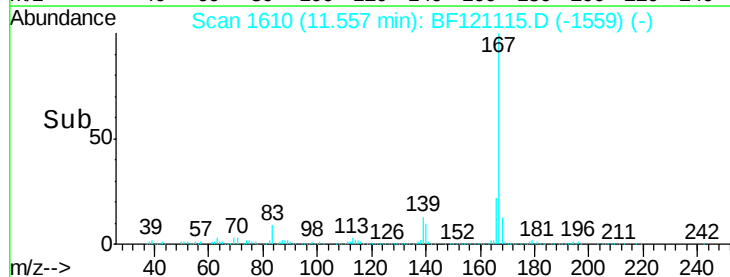
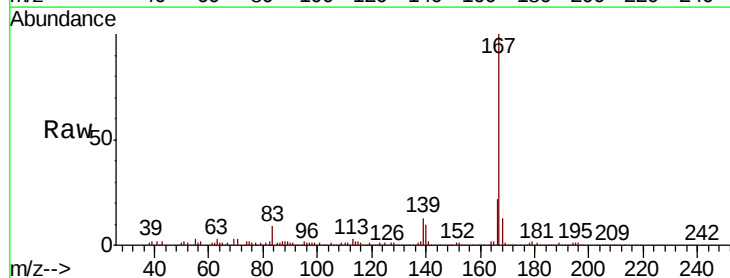
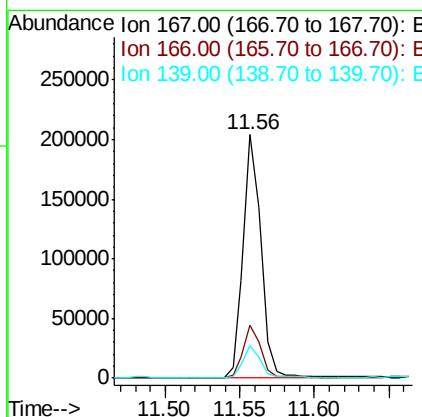
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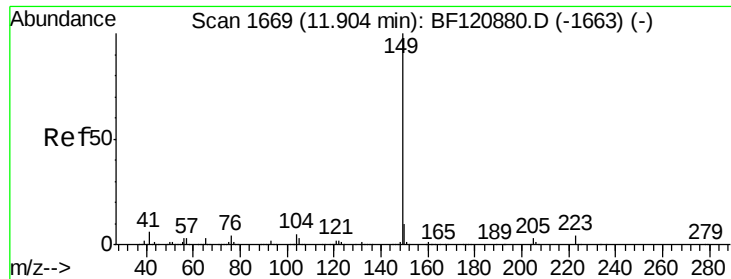
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#73
 Carbazole
 Concen: 6.431 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.5	26.3
139	13.2	10.5	15.7





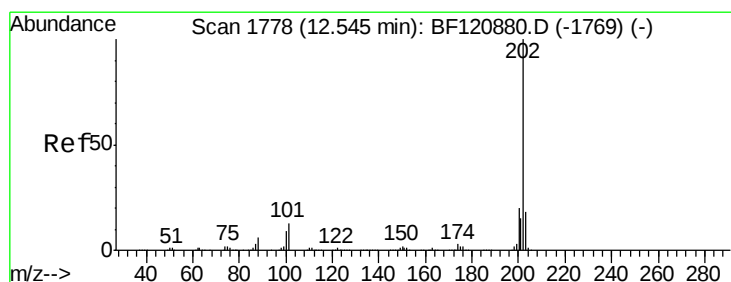
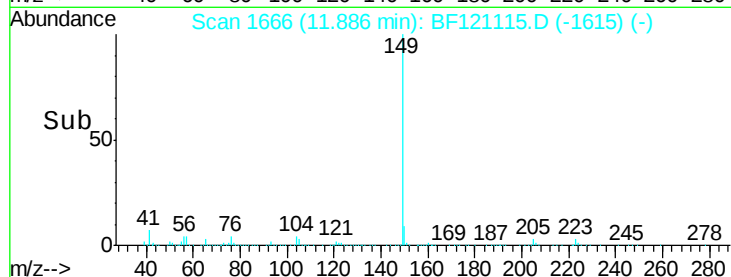
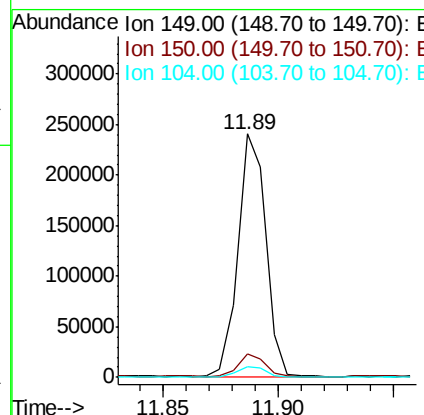
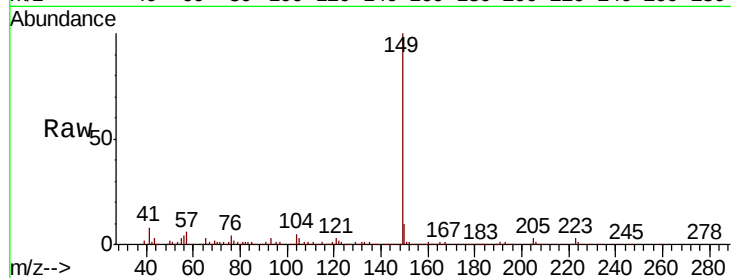
#74
Di-n-butylphthalate
Concen: 6.615 ng
RT: 11.89 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.6	3.9	5.9

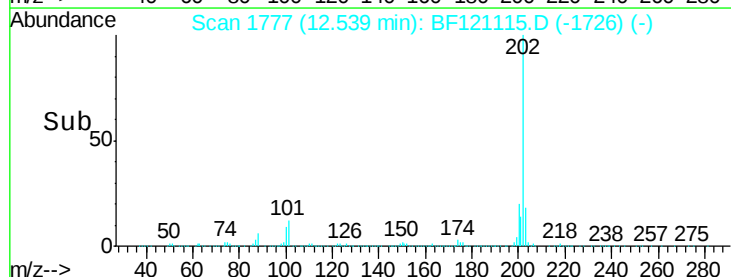
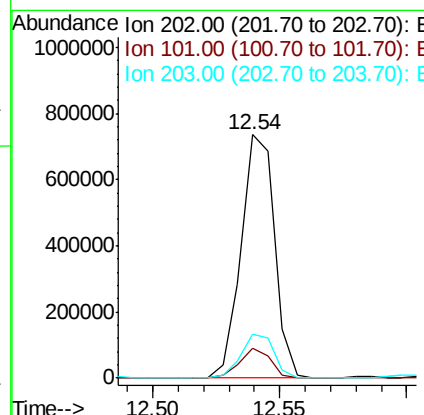
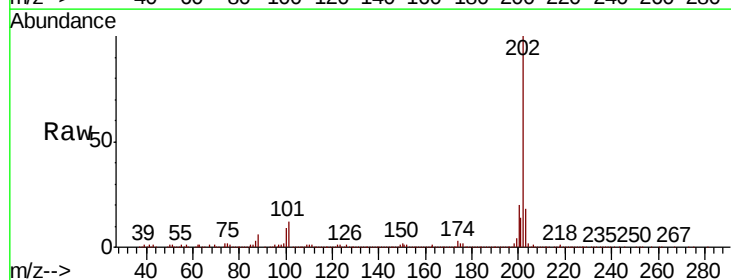
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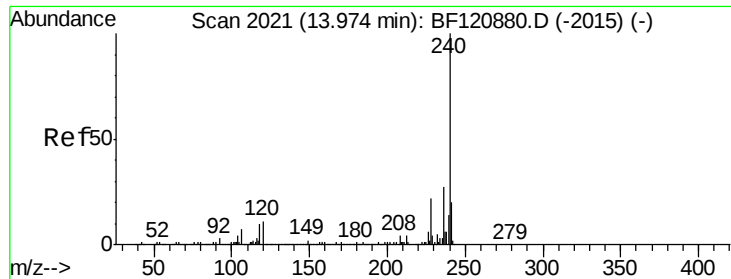
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#75
Fluoranthene
Concen: 23.014 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.5
203	18.0	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

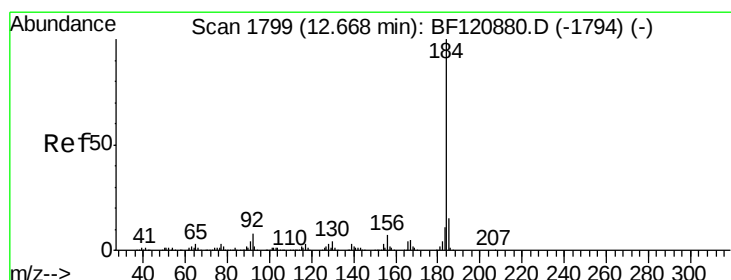
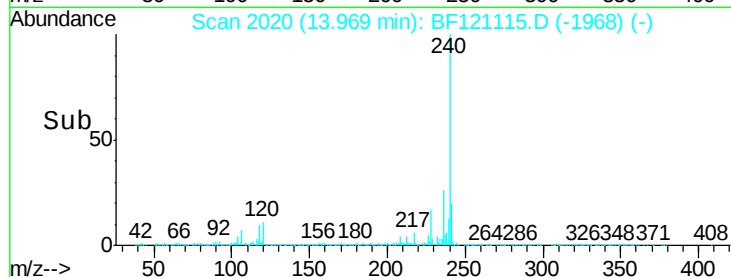
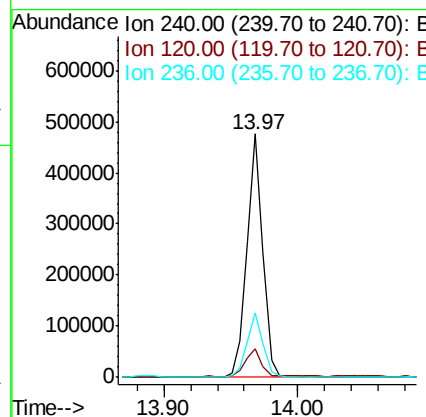
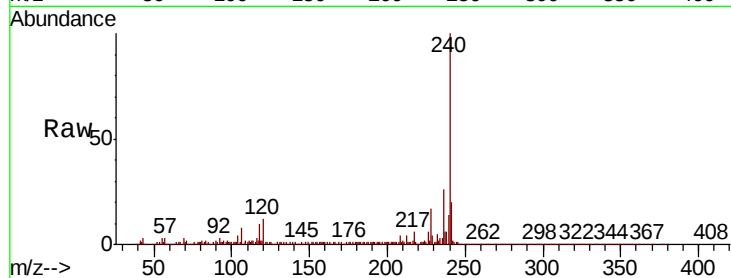
ClientSampleId :

20MS

Tot Ion:	240	Resp:	390873
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.3	13.9
236	26.4	21.1	31.7

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#77

Benzidine

Concen: 2.488 ng

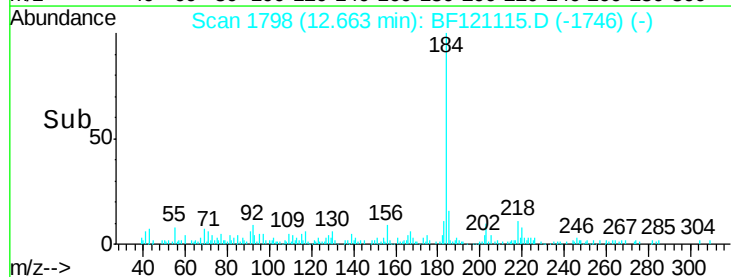
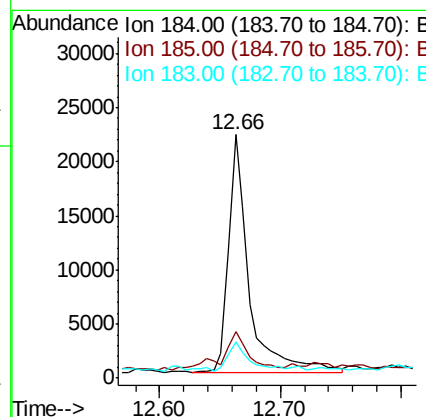
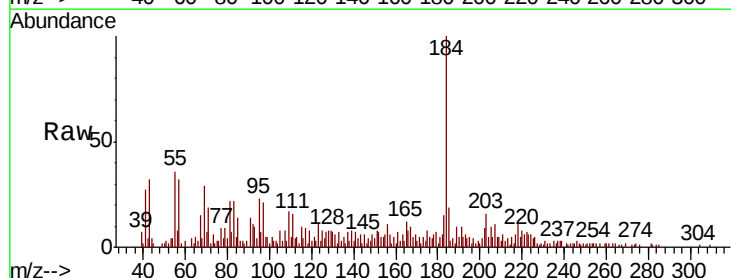
RT: 12.66 min Scan# 1798

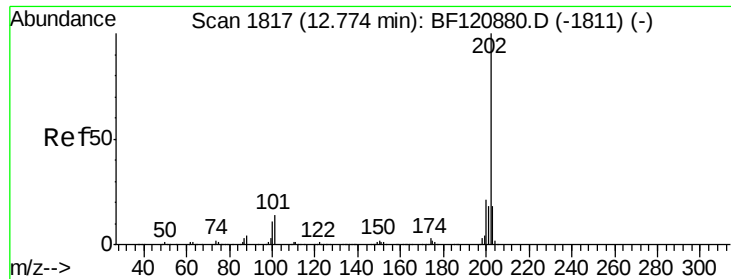
Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Tgt Ion:	184	Resp:	25567
Ion Ratio	Lower	Upper	
184	100		
185	19.0	12.1	18.1#
183	14.9	9.0	13.4#





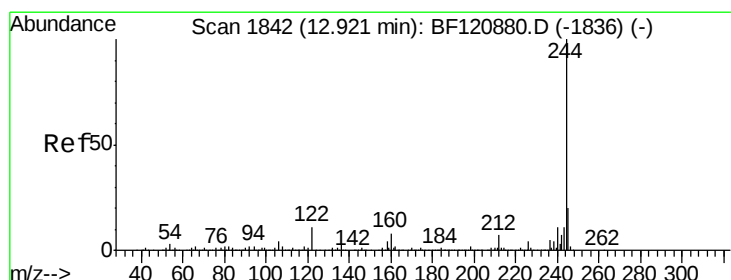
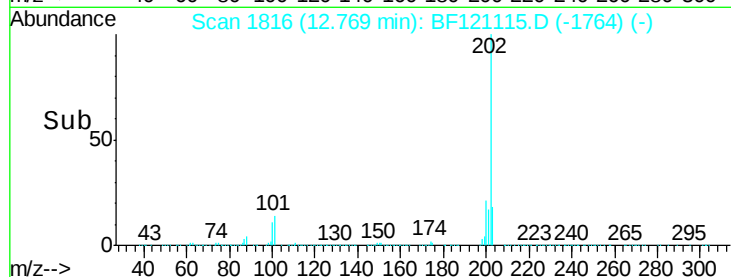
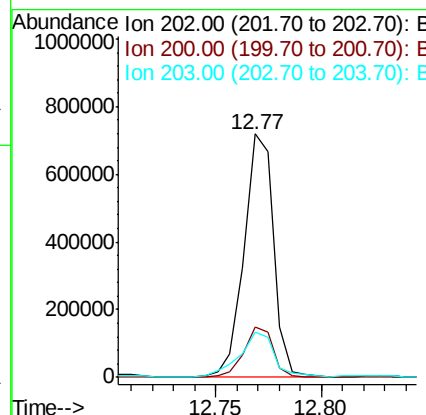
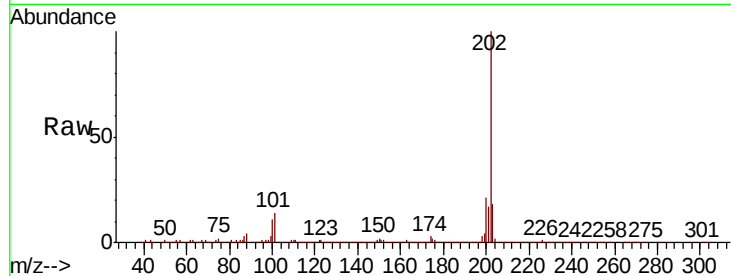
#78
Pvrene
Concen: 25.115 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	18.4	14.6	21.8

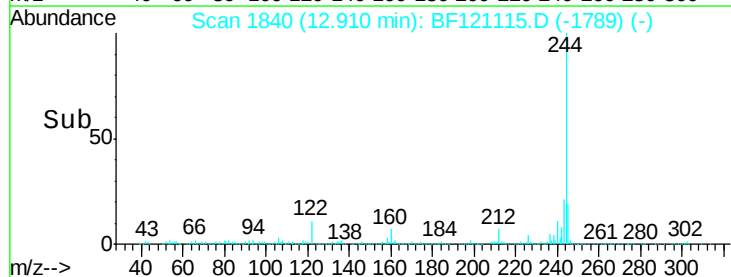
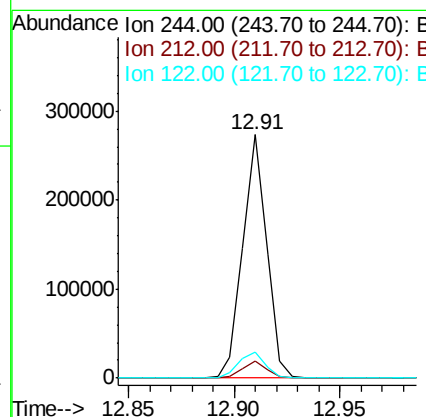
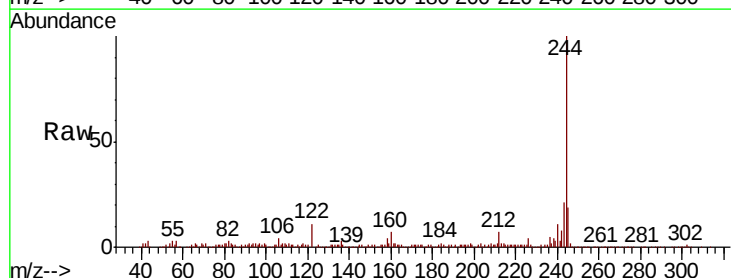
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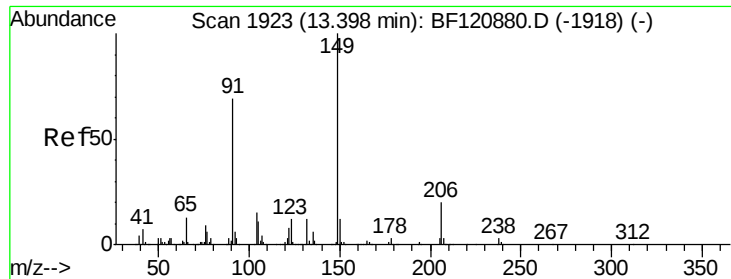
mohammad
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#79
Terphenyl-d14
Concen: 11.921 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	10.9	8.3	12.5





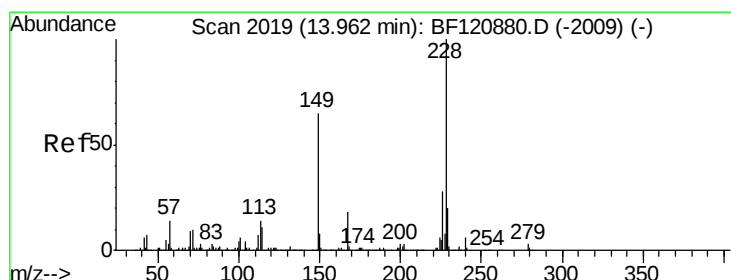
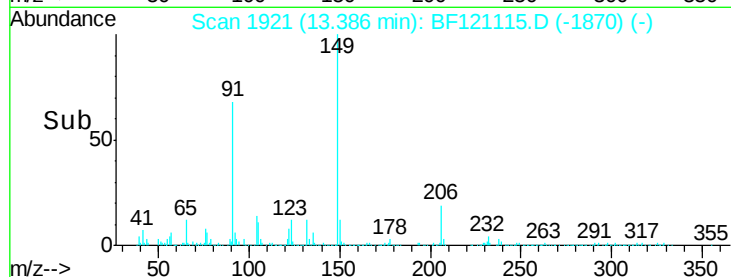
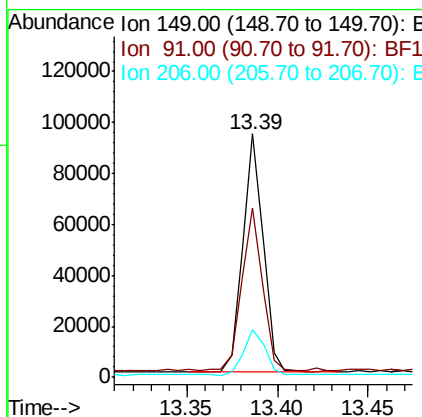
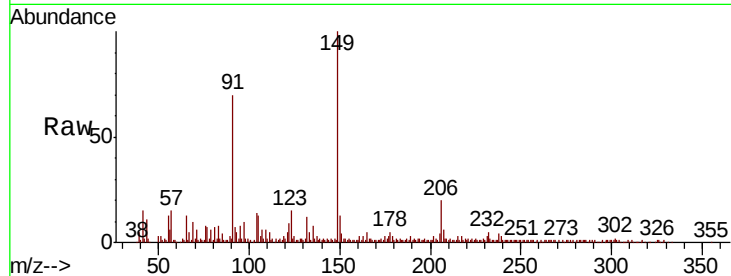
#80
Butylbenzylphthalate
Concen: 5.915 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	69.5	51.4	77.0	
206	19.6	17.9	26.9	

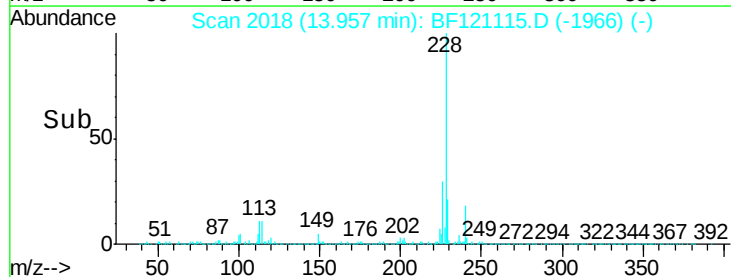
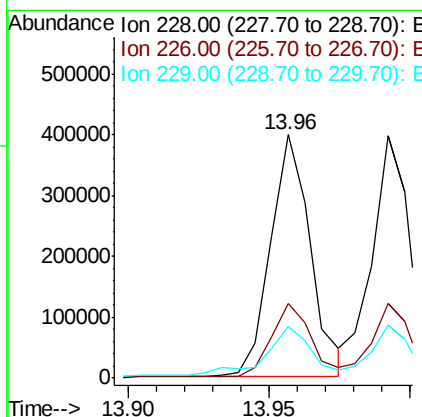
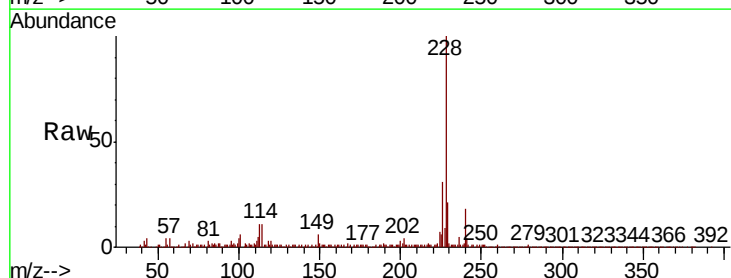
Manual Integrations
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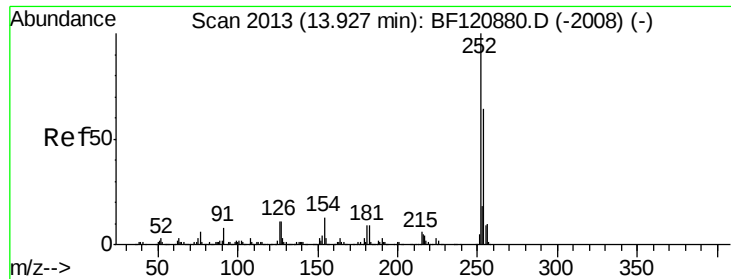
mohammad
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#81
Benzo(a)anthracene
Concen: 16.540 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.8	22.6	34.0	
229	21.2	16.1	24.1	





#82

3,3'-Dichlorobenzidine

Concen: 5.221 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

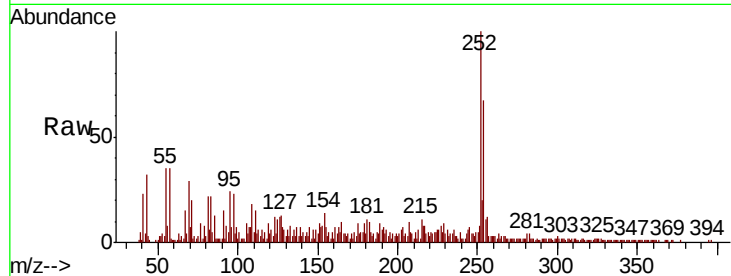
ClientSampleId :

20MS

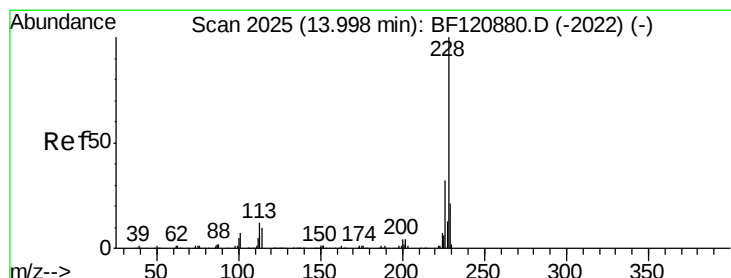
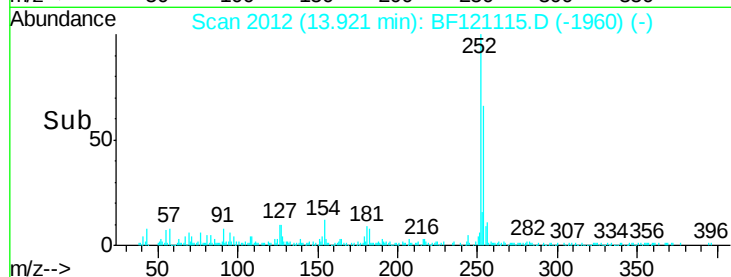
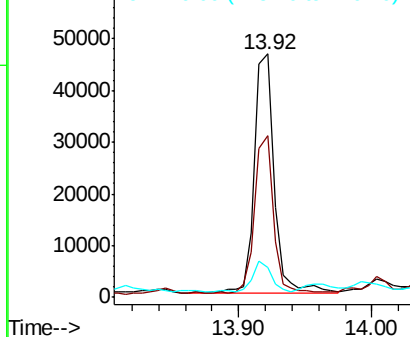
Tot Ion:	252	Resp:	46624
Ion Ratio	Lower	Upper	
252	100		
254	66.6	51.3	76.9
126	12.4	9.2	13.8

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



#83

Chrysene

Concen: 14.619 ng

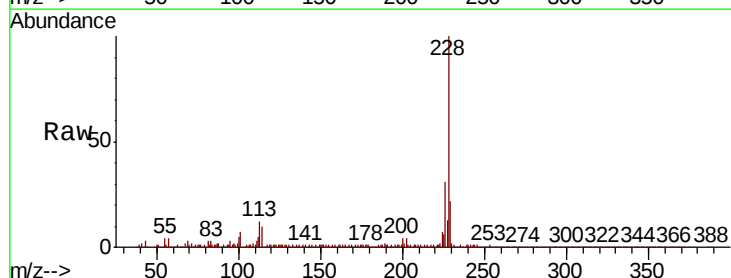
RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

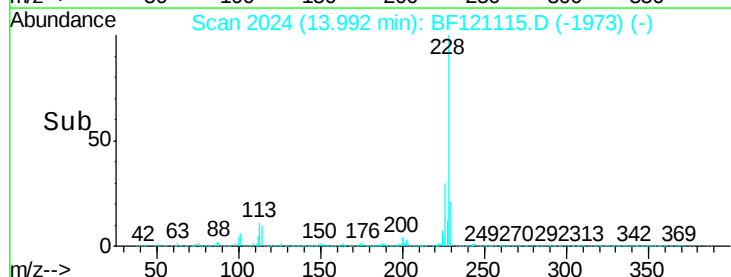
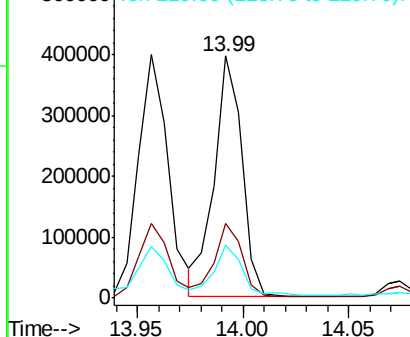
Lab File: BF121115.D

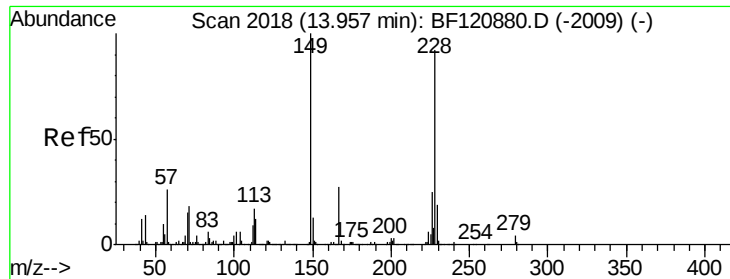
Acq: 29 Jul 2020 22:02

Tgt Ion:	228	Resp:	363638
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.4	38.0
229	22.0	16.2	24.4



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: 7.181 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

Instrument :

BNA_F

ClientSampled :

20MS

Tot Ion:149 Resp: 109082

Ion Ratio Lower Upper

149 100

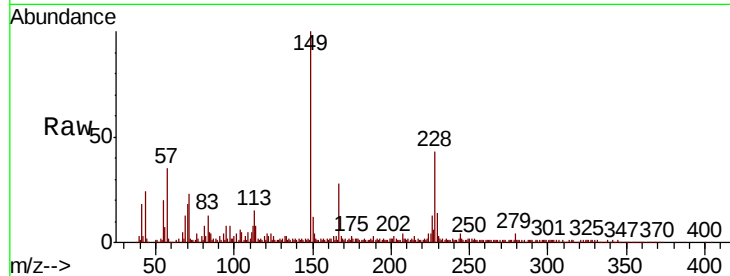
167 27.9 21.8 32.6

279 4.1 2.9 4.3

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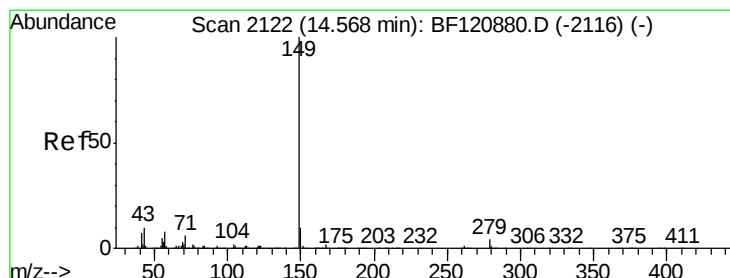
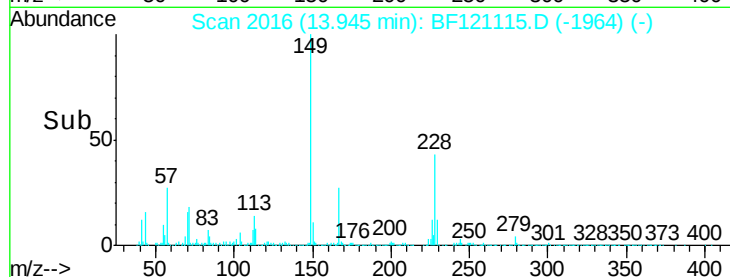
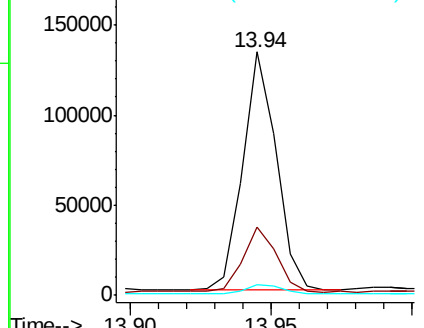
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 5.614 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF121115.D

Acq: 29 Jul 2020 22:02

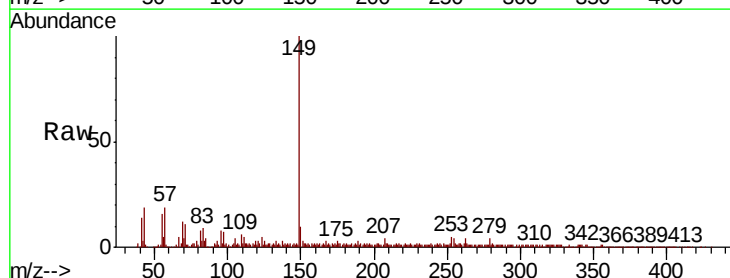
Tgt Ion:149 Resp: 169685

Ion Ratio Lower Upper

149 100

167 2.3 1.3 1.9#

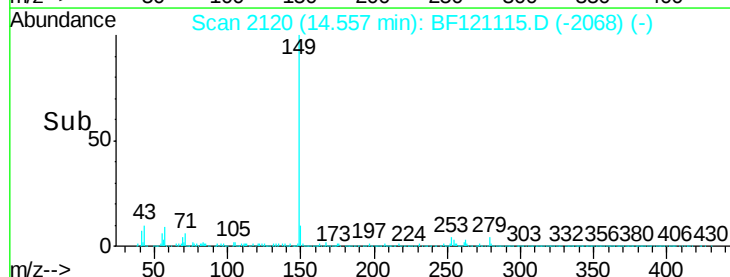
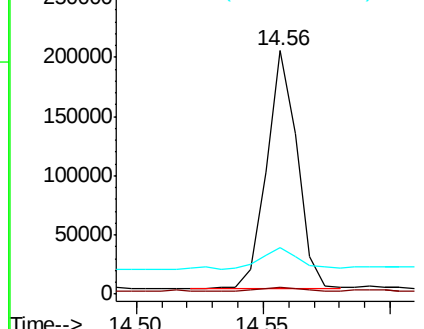
43 12.2 7.5 11.3#

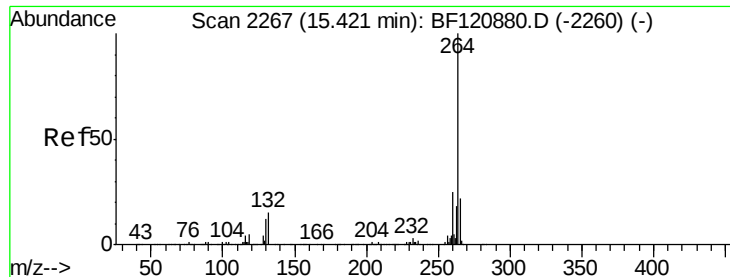


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





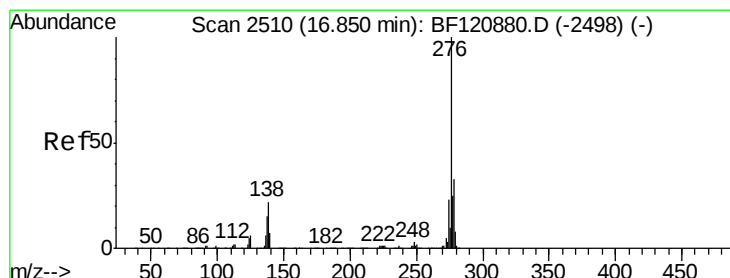
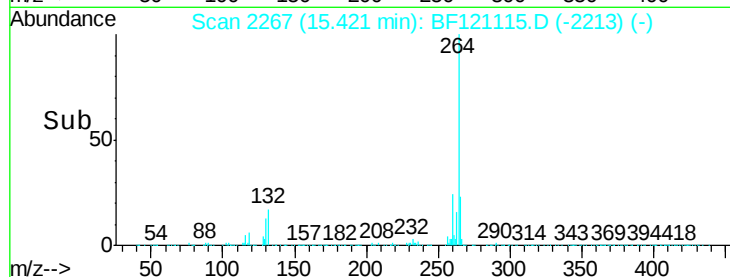
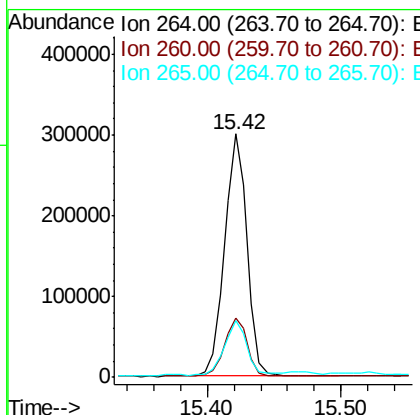
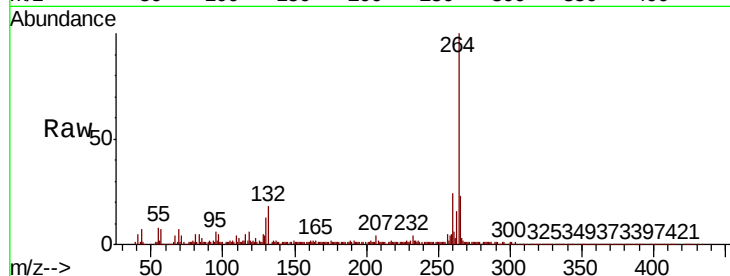
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	23.3	17.8	26.8

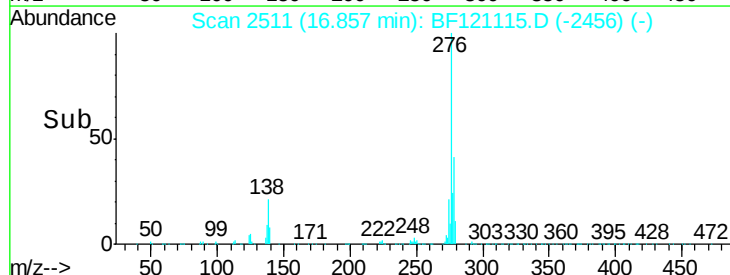
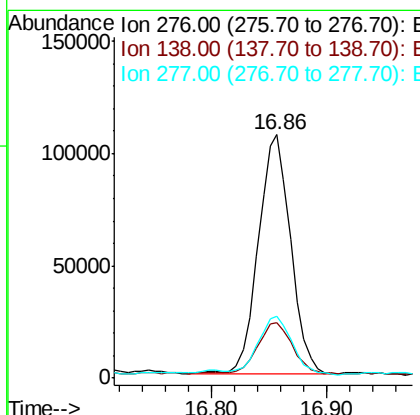
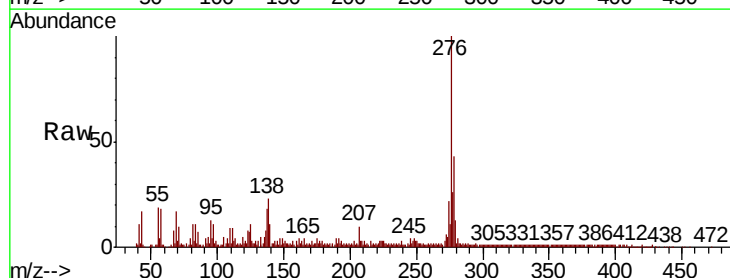
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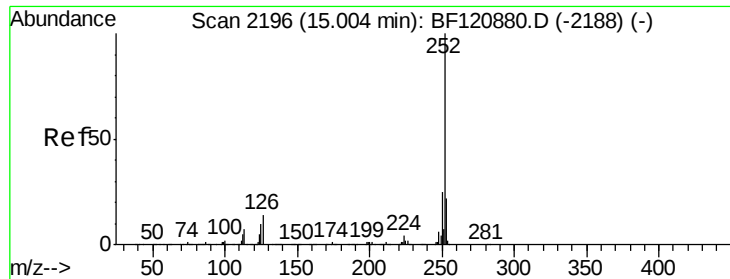
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#87
Indeno(1,2,3-cd)pyrene
Concen: 8.306 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.3	28.9
277	26.2	20.1	30.1





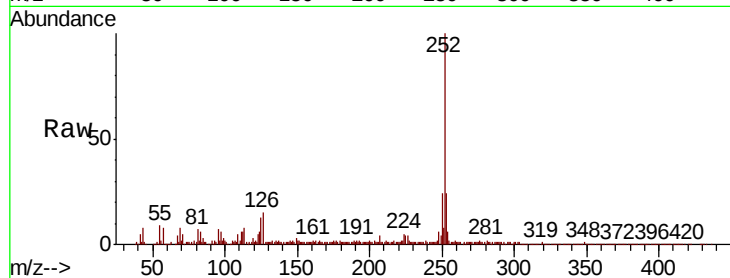
#88
Benzo(b)fluoranthene
Concen: 16.991 ng
RT: 15.00 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.4	8.1	12.1

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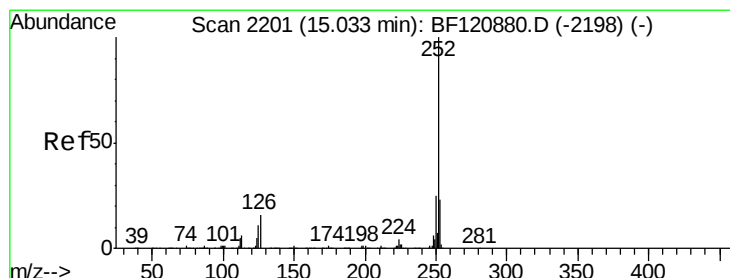
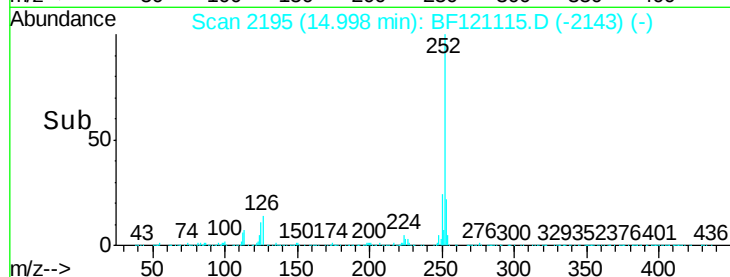
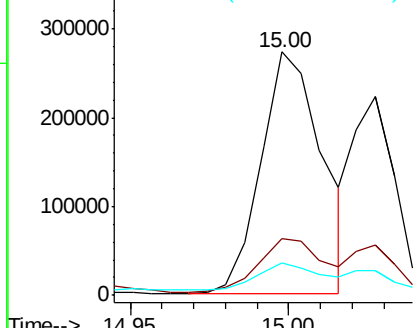


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 10.445 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

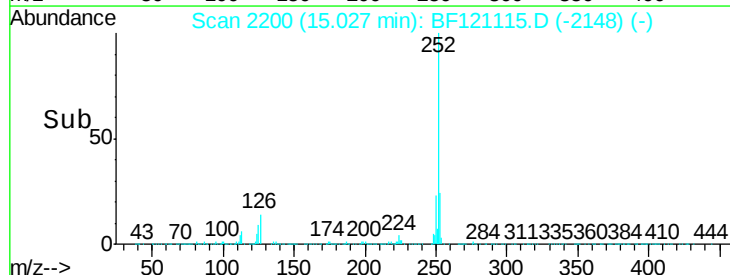
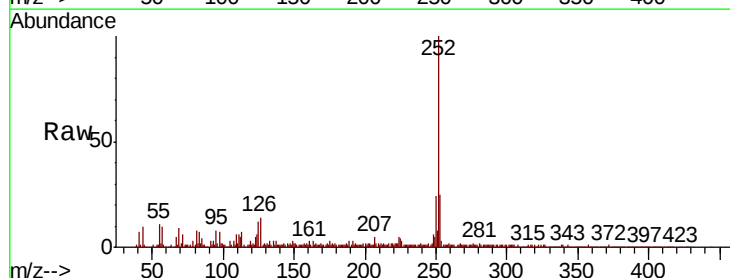
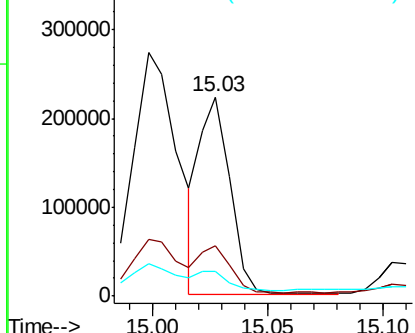
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	12.3	8.0	12.0

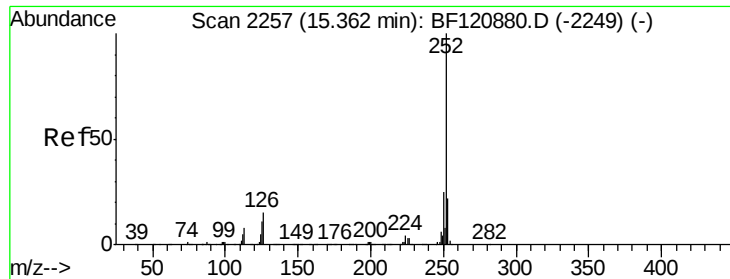
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





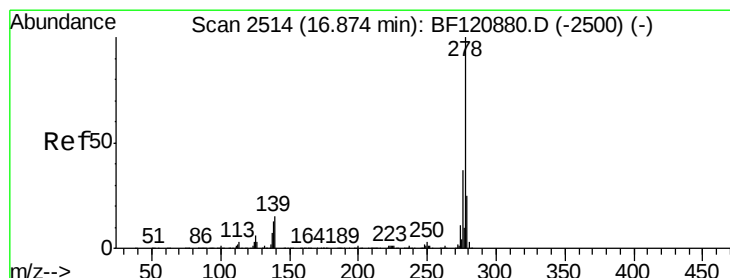
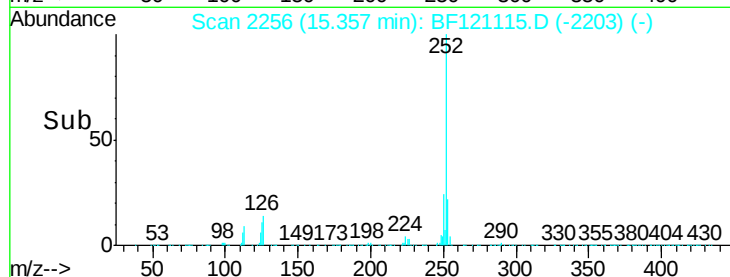
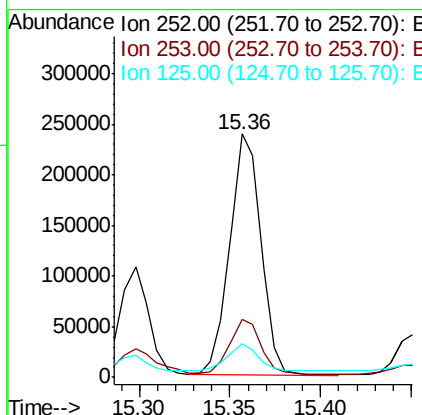
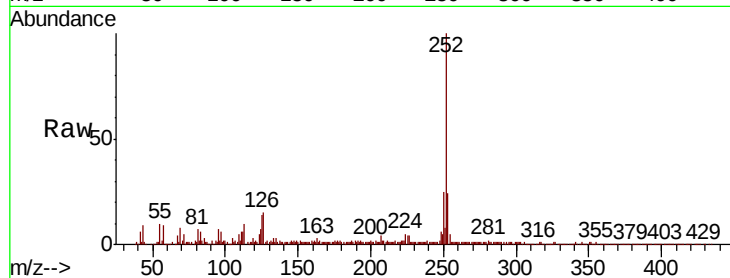
#90
Benzo(a)pyrene
Concen: 14.560 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.01 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Instrument :
BNA_F
ClientSampleId :
20MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.9	9.5	14.3

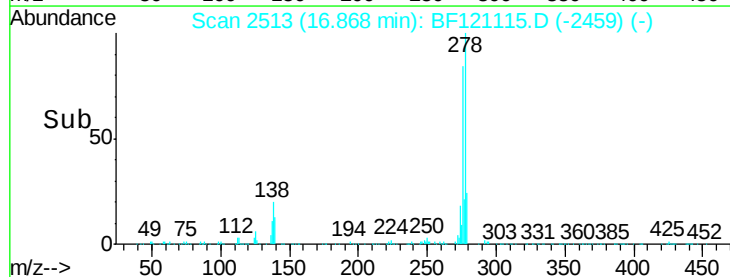
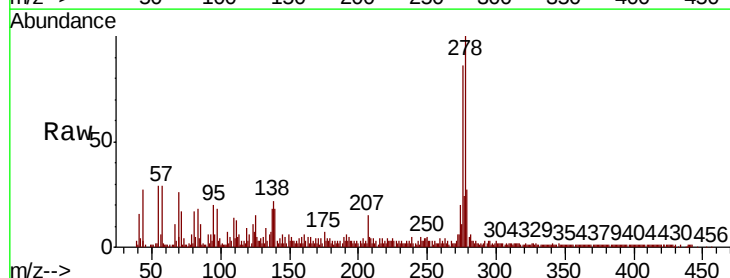
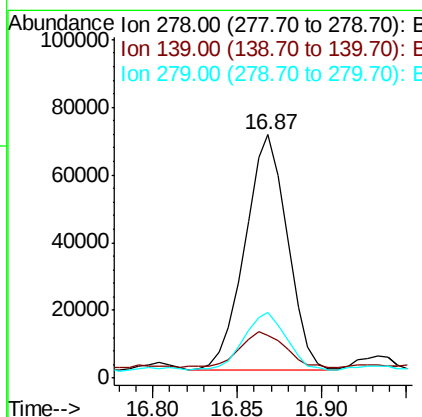
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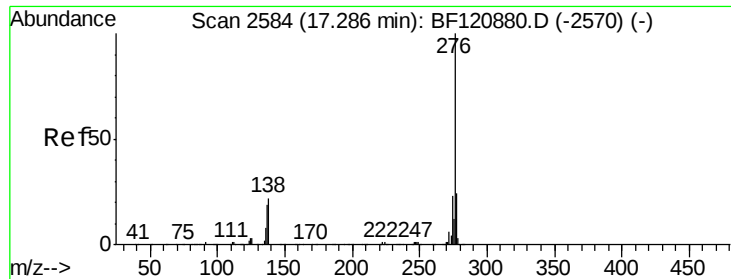
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 6.014 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.02 min
Lab File: BF121115.D
Acq: 29 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.6	18.8
279	27.1	19.5	29.3





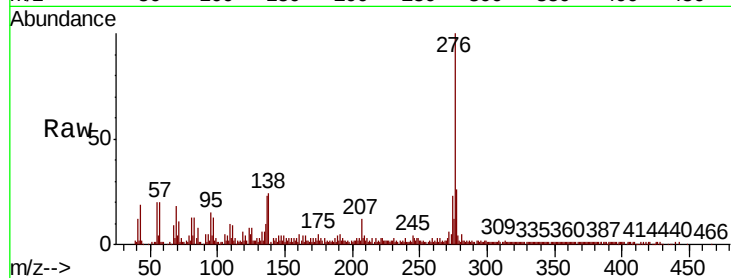
#92
 Benzo(a,h,i)perylene
 Concen: 9.024 ng
 RT: 17.29 min Scan# 2584
 Delta R.T. 0.02 min
 Lab File: BF121115.D
 Acq: 29 Jul 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 20MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	24.0	17.2	25.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

