

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121400.D
 Acq On : 24 Aug 2020 15:27
 Operator : JU/CG
 Sample : PB131155BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Manual Integrations
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mohammad
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Quant Time: Aug 24 16:09:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173100	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	669386	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	353453	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	665529	20.00	ng	0.00
76) Chrysene-d12	13.86	240	509547	20.00	ng	0.00
86) Perylene-d12	15.27	264	545598	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	983561	93.17	ng	0.02
7) Phenol-d6	6.35	99	1212271	89.95	ng	0.00
23) Nitrobenzene-d5	7.27	82	1047078	88.47	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	362965	88.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1680754	92.41	ng	0.00
79) Terphenyl-d14	12.80	244	1574758	60.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	183124	38.334	ng	99
3) Pyridine	3.17	79	412070	32.140	ng	99
4) n-Nitrosodimethylamine	3.13	42	208201	39.897	ng	99
6) Aniline	6.36	93	441073	28.345	ng	86
8) 2-Chlorophenol	6.49	128	425074	38.526	ng	94
9) Benzaldehyde	6.25	77	260270	34.330	ng	98
10) Phenol	6.36	94	489645	34.652	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	416834	38.302	ng	99
12) 1,3-Dichlorobenzene	6.64	146	453438	36.681	ng	100
13) 1,4-Dichlorobenzene	6.72	146	457762	36.682	ng	100
14) 1,2-Dichlorobenzene	6.87	146	402472	33.866	ng	97
15) Benzyl Alcohol	6.85	79	291526	35.953	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	563085	35.140	ng	98
17) 2-Methylphenol	6.97	107	351229	38.580	ng	97
18) Hexachloroethane	7.20	117	170879	36.775	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	272255	37.564	ng	99
20) 3+4-Methylphenols	7.12	107	411314	45.755	ng	# 80
22) Acetophenone	7.12	105	574333	36.699	ng	# 100
24) Nitrobenzene	7.29	77	443397	36.757	ng	94
25) Isophorone	7.53	82	814064	37.794	ng	100
26) 2-Nitrophenol	7.60	139	243358	39.335	ng	98
27) 2,4-Dimethylphenol	7.65	122	384925	43.603	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	518498	35.362	ng	100
29) 2,4-Dichlorophenol	7.85	162	362176	37.577	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	392108	35.576	ng	98
31) Naphthalene	8.00	128	1209829	36.315	ng	99
32) Benzoic acid	7.80	122	192747	30.881	ng	100
33) 4-Chloroaniline	8.06	127	337926	22.907	ng	98
34) Hexachlorobutadiene	8.12	225	224412	34.405	ng	100
35) Caprolactam	8.44	113	116372m	36.866	ng	
36) 4-Chloro-3-methylphenol	8.56	107	375307	38.501	ng	97
37) 2-Methylnaphthalene	8.70	142	806391	37.345	ng	99
38) 1-Methylnaphthalene	8.79	142	756758	36.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	376496	35.889	ng	99

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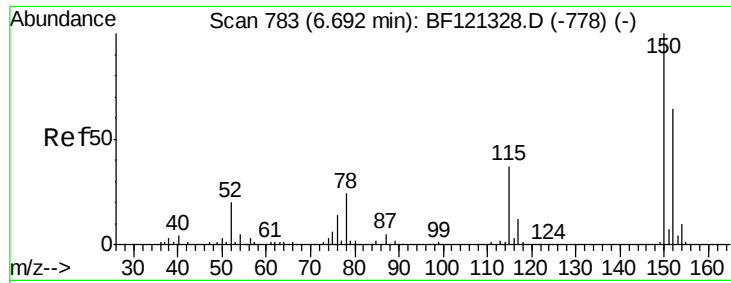
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Quant Time: Aug 24 16:09:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	321648	77.617	nq	98
43) 2,4,6-Trichlorophenol	8.98	196	255492	35.624	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	272053	36.871	nq	99
46) 1,1'-Biphenyl	9.16	154	962282	36.324	nq	98
47) 2-Chloronaphthalene	9.19	162	749176	34.326	nq	99
48) 2-Nitroaniline	9.29	65	234211	34.083	nq	99
49) Acenaphthylene	9.60	152	1167465	36.013	nq	100
50) Dimethylphthalate	9.46	163	898367	34.936	nq	99
51) 2,6-Dinitrotoluene	9.53	165	201768	36.740	nq	# 86
52) Acenaphthene	9.77	154	687137	34.885	nq	99
53) 3-Nitroaniline	9.70	138	152482	22.195	nq	97
54) 2,4-Dinitrophenol	9.82	184	201390	76.066	nq	99
55) Dibenzofuran	9.95	168	987715	38.508	nq	99
56) 4-Nitrophenol	9.88	139	267335	63.097	nq	100
57) 2,4-Dinitrotoluene	9.94	165	230382	34.387	nq	96
58) Fluorene	10.29	166	768706	41.023	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	235502	37.337	nq	99
60) Diethylphthalate	10.16	149	867654	34.554	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	376751	39.726	nq	100
62) 4-Nitroaniline	10.32	138	223448	31.744	nq	99
63) Azobenzene	10.44	77	821673	35.231	nq	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	144494	40.597	nq	99
66) n-Nitrosodiphenylamine	10.40	169	739959	36.045	nq	99
67) 4-Bromophenyl-phenylether	10.76	248	256442	34.737	nq	99
68) Hexachlorobenzene	10.83	284	289246	33.990	nq	97
69) Atrazine	10.93	200	215290	33.854	nq	99
70) Pentachlorophenol	11.03	266	287535	75.943	nq	99
71) Phenanthrene	11.24	178	1160196	33.683	nq	100
72) Anthracene	11.30	178	1193529	35.983	nq	100
73) Carbazole	11.46	167	1130539	35.714	nq	100
74) Di-n-butylphthalate	11.78	149	1312374	34.380	nq	100
75) Fluoranthene	12.43	202	1274846	34.099	nq	100
77) Benzidine	12.56	184	734503	52.321	nq	99
78) Pyrene	12.66	202	1301621	34.007	nq	99
80) Butylbenzylphthalate	13.28	149	569715	34.640	nq	99
81) Benzo(a)anthracene	13.85	228	1082598	34.207	nq	100
82) 3,3'-Dichlorobenzidine	13.81	252	330818	27.225	nq	98
83) Chrysene	13.89	228	1092842	33.763	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	701417	36.265	nq	99
85) Di-n-octyl phthalate	14.44	149	1305104	36.462	nq	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1236541	37.128	nq	100
88) Benzo(b)fluoranthene	14.87	252	1193640	33.864	nq	99
89) Benzo(k)fluoranthene	14.90	252	1029893	33.193	nq	99
90) Benzo(a)pyrene	15.22	252	1044943	34.310	nq	99
91) Dibenzo(a,h)anthracene	16.66	278	1007180	36.884	nq	98
92) Benzo(g,h,i)perylene	17.06	276	1055614	39.542	nq	99

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



#1

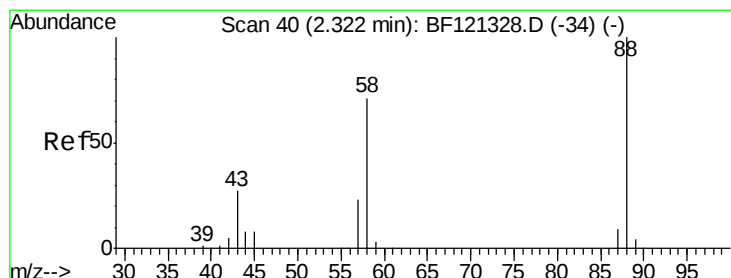
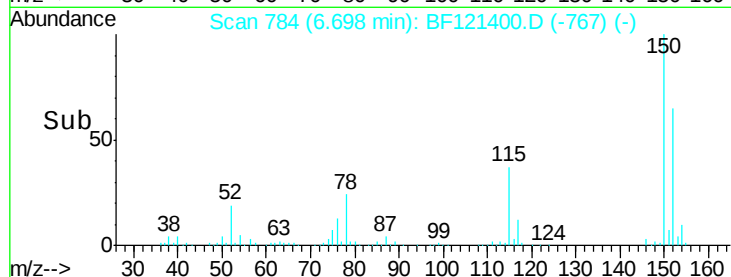
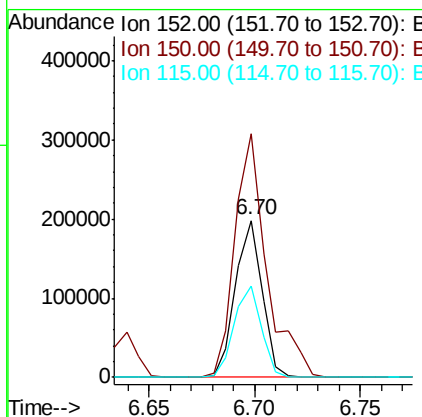
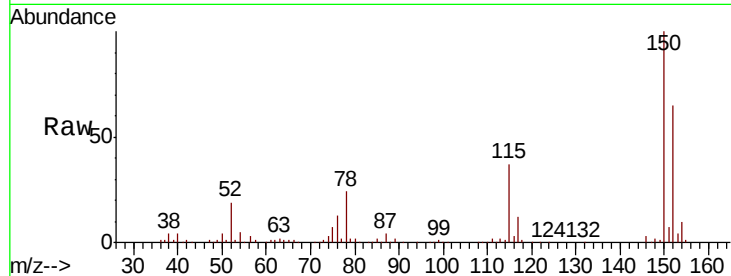
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.0
115	58.1	47.0	70.6

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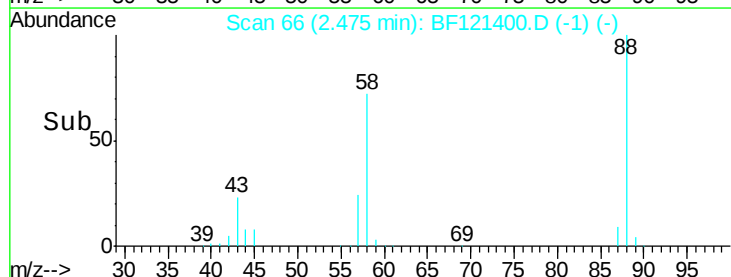
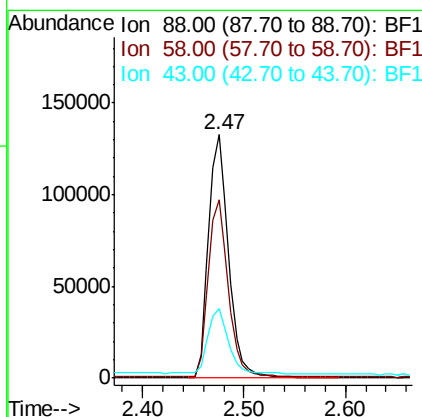
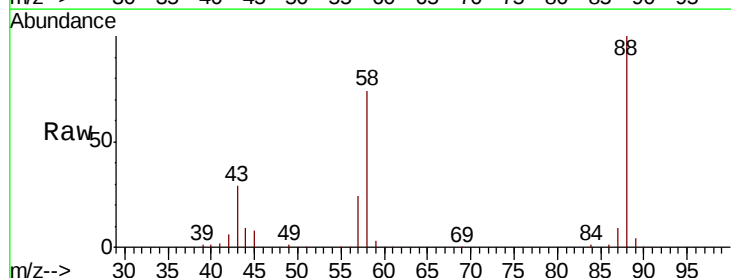
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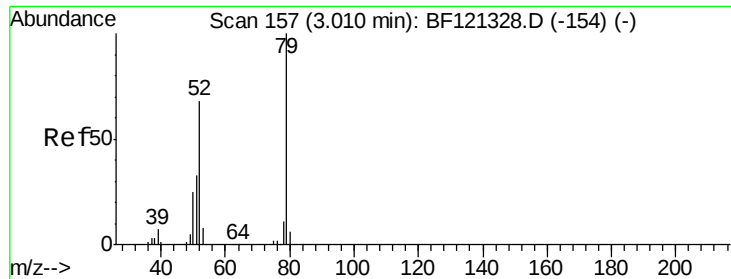


#2

1,4-Dioxane
Concen: 38.334 ng
RT: 2.47 min Scan# 66
Delta R.T. 0.14 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	58.6	88.0
43	28.3	22.4	33.6





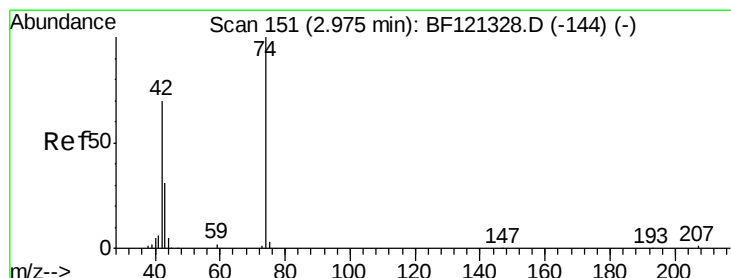
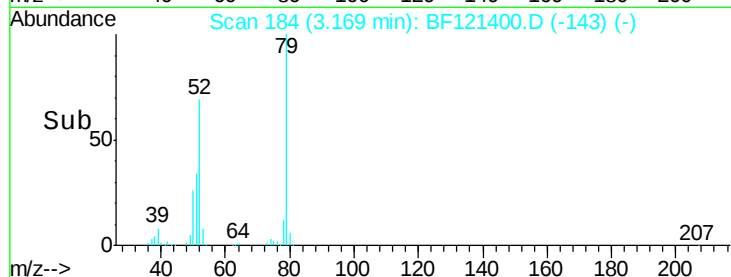
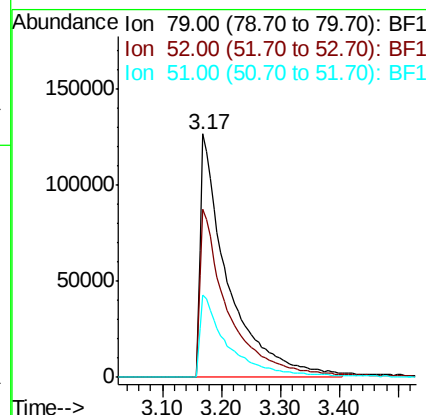
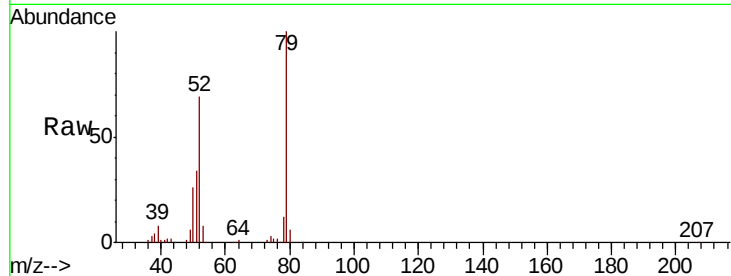
#3
Pvridine
Concen: 32.140 ng
RT: 3.17 min Scan# 184
Delta R.T. 0.14 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.8	55.8	83.8
51	34.1	27.1	40.7

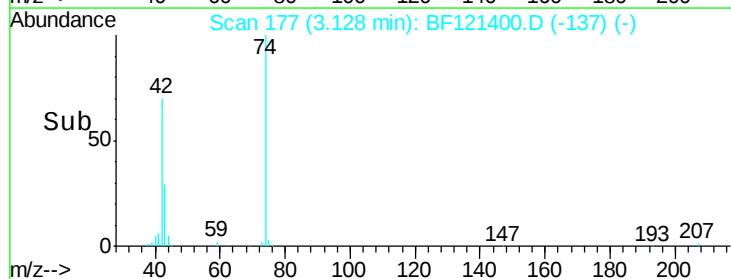
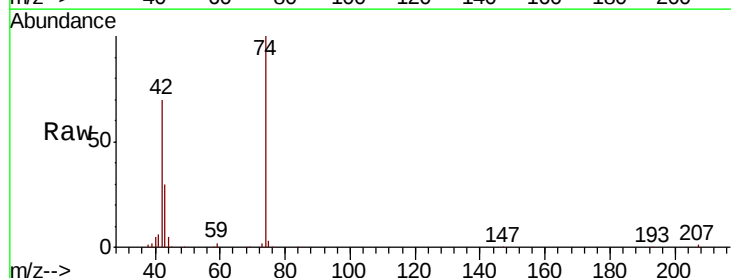
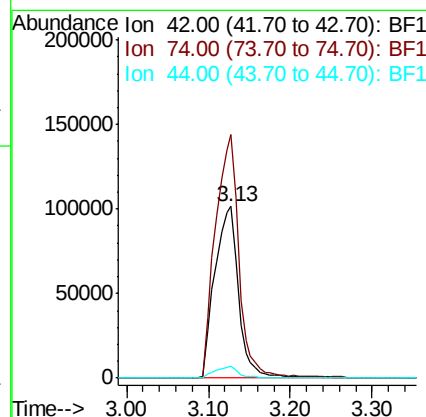
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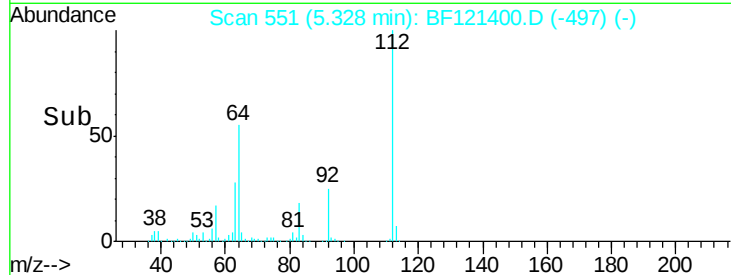
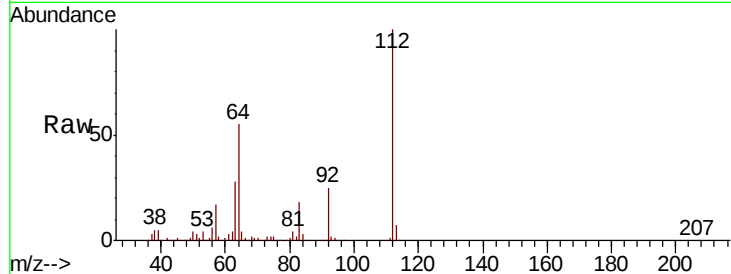
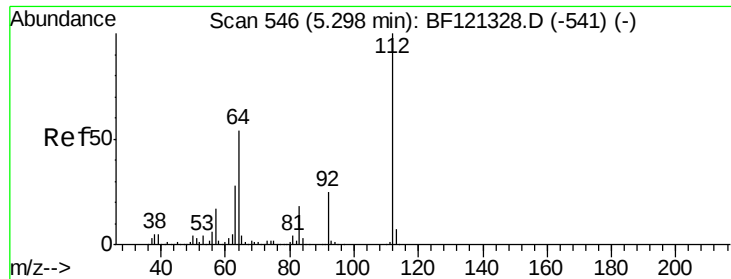
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#4
n-Nitrosodimethylamine
Concen: 39.897 ng
RT: 3.13 min Scan# 177
Delta R.T. 0.14 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.1	114.6	171.8
44	6.8	5.6	8.4





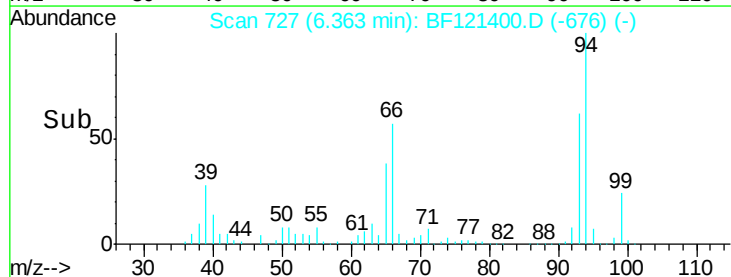
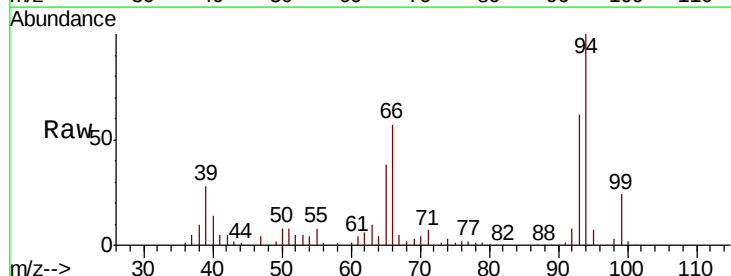
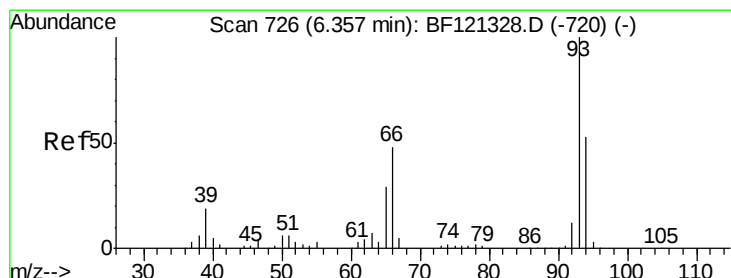
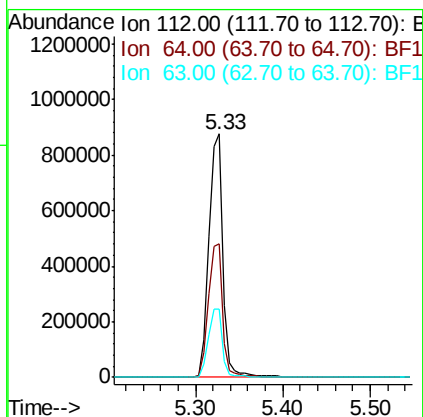
#5
2-Fluorophenol
Concen: 93.170 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		983561		
64	54.8	42.2	63.4		
63	28.2	21.4	32.2		

Instrument :
BNA_F
ClientSampleId :
PB131155BS

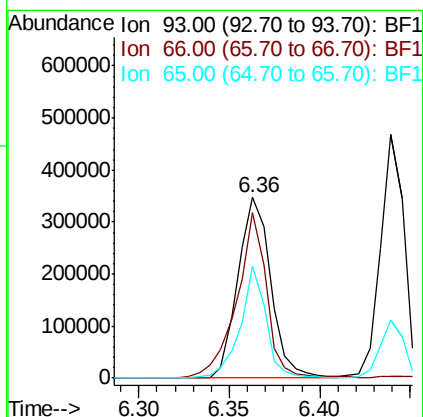
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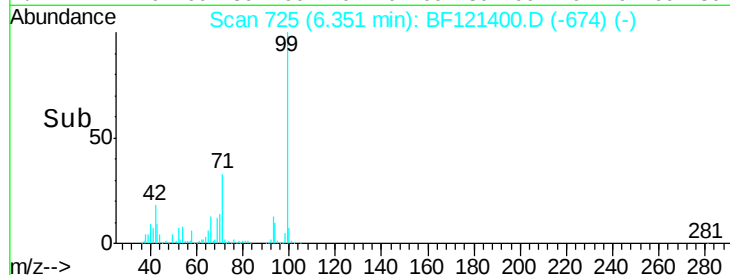
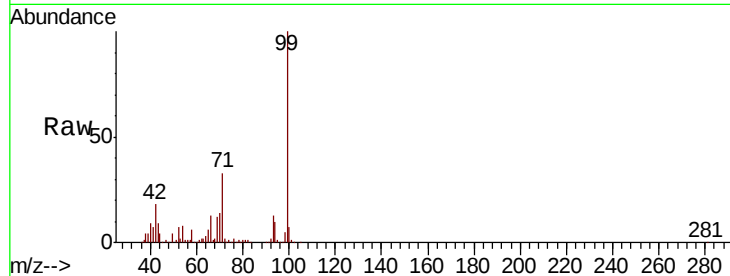
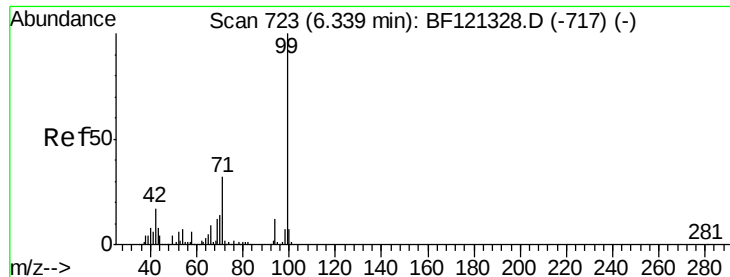
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#6
Aniline
Concen: 28.345 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		441073		
66	91.5	63.2	94.8		
65	61.8	42.1	63.1		





#7

Phenol-d6

Concen: 89.955 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tot Ion	Ion	Ratio	Lower	Upper
1212271	99	100		
	42	18.0	13.9	20.9
	71	33.1	25.5	38.3

Instrument :

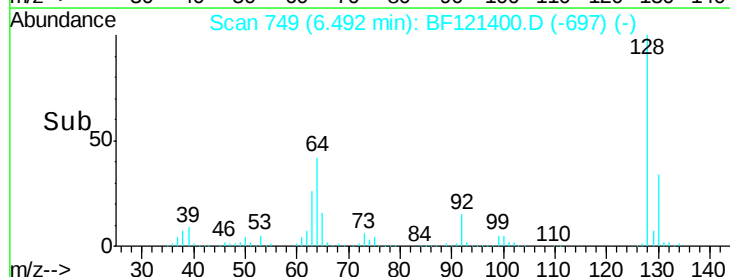
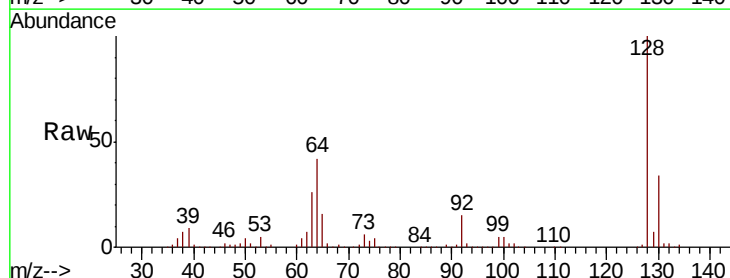
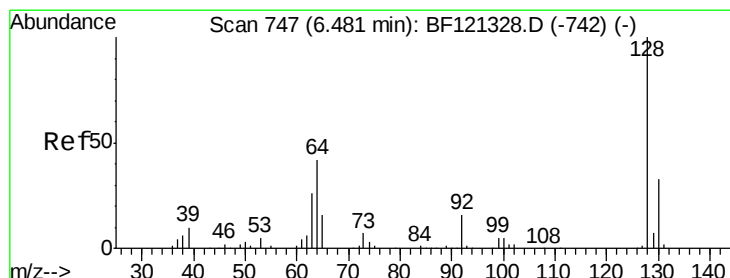
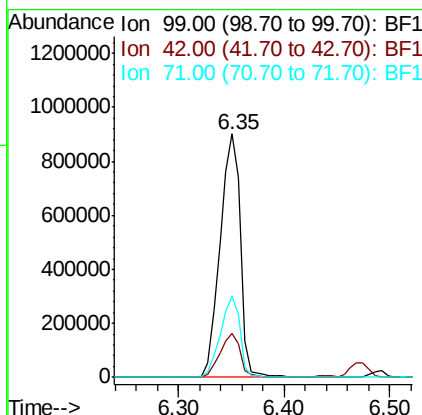
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 38.526 ng

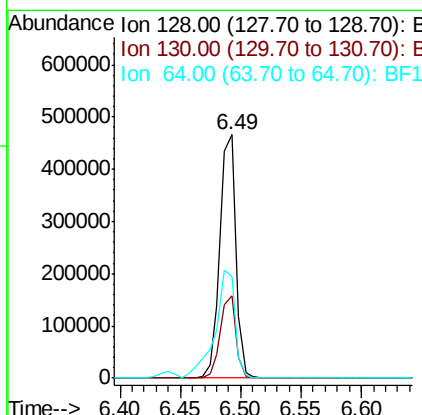
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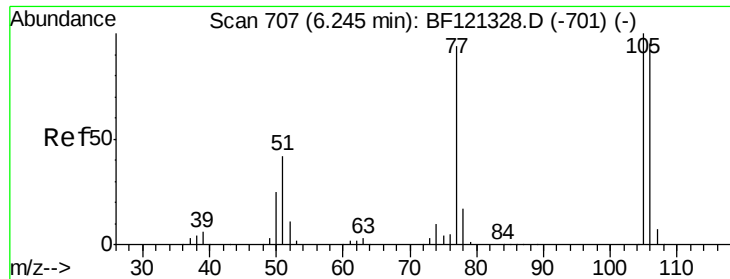
Delta R.T. 0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
425074	128	100		
	130	33.7	11.8	51.8
	64	41.5	26.3	66.3





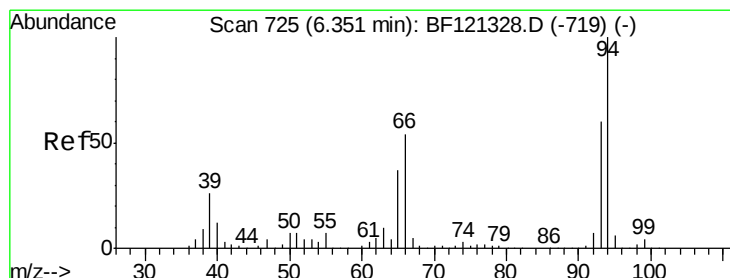
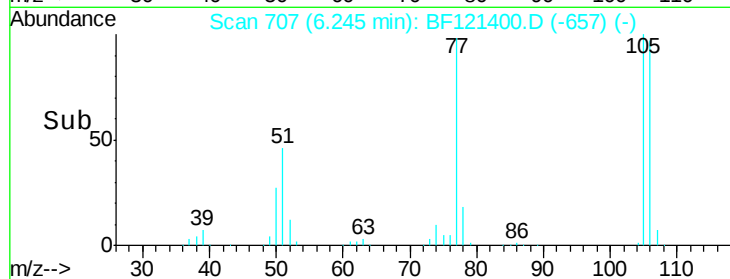
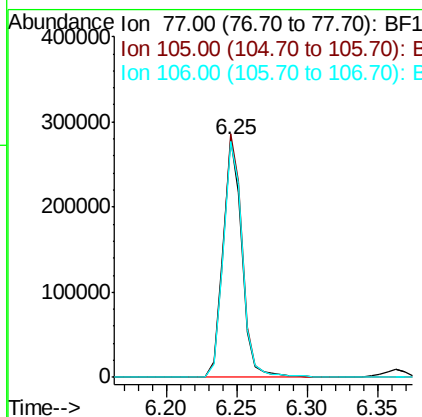
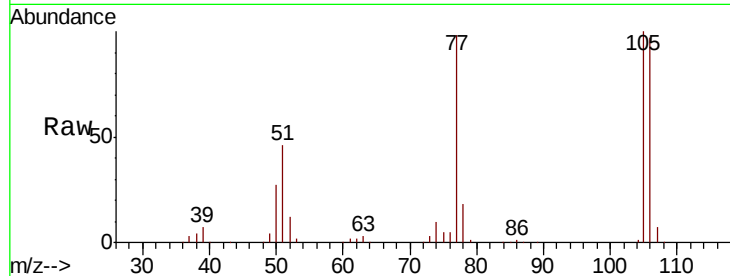
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Benzaldehyde
Concen: 34.330 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	84.3	124.3
106	99.1	81.3	121.3

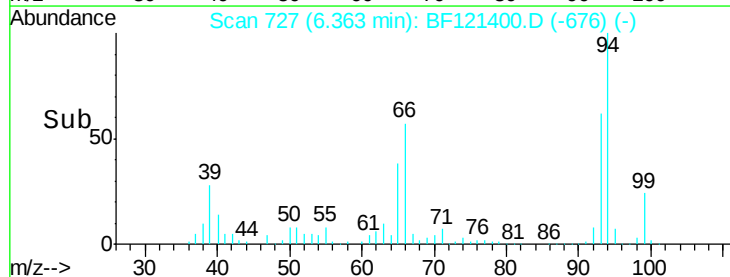
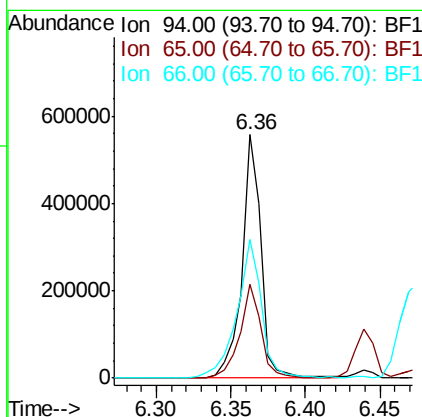
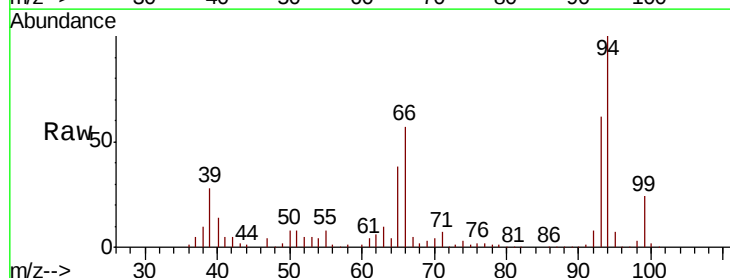
Manual Integrations
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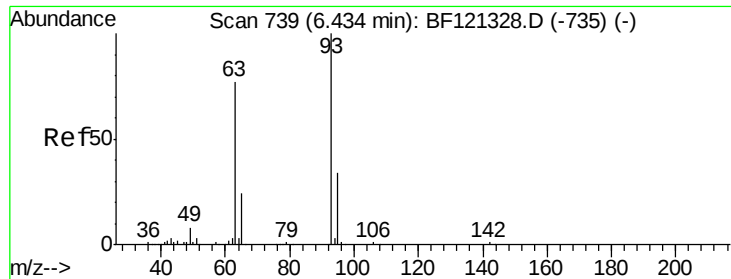
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#10
Phenol
Concen: 34.652 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	20.4	60.4
66	56.9	40.6	80.6





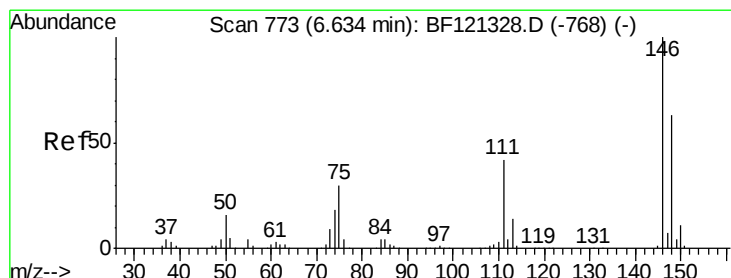
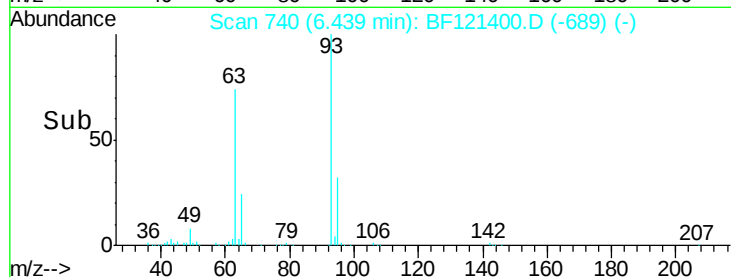
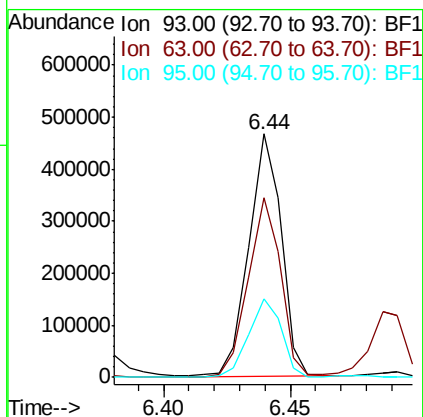
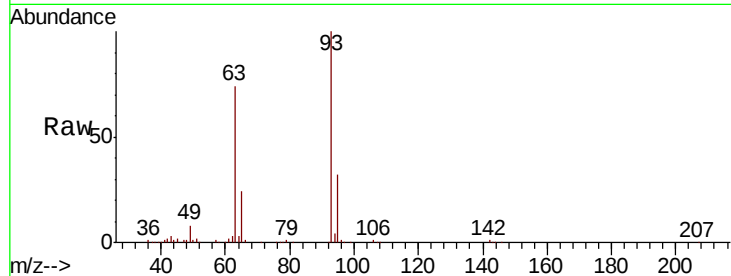
#11
bis(2-Chloroethyl)ether
Concen: 38.302 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	416834		
63	73.8	55.5	95.5	
95	32.2	12.4	52.4	

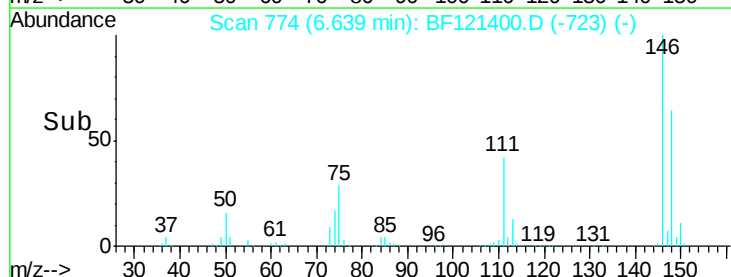
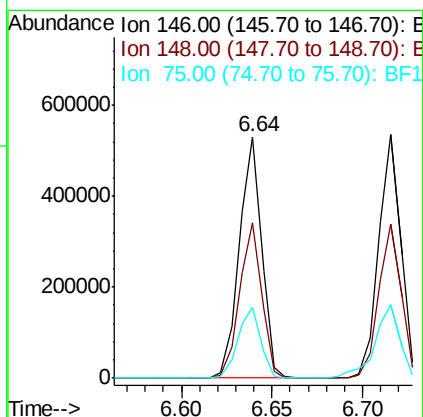
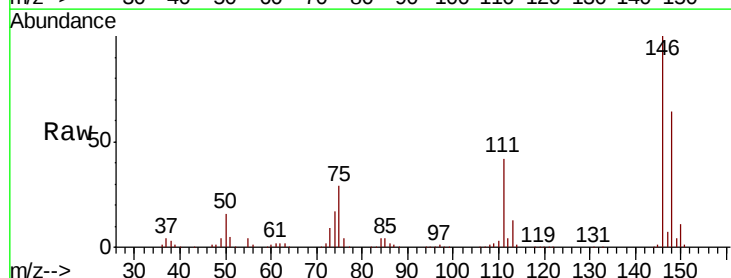
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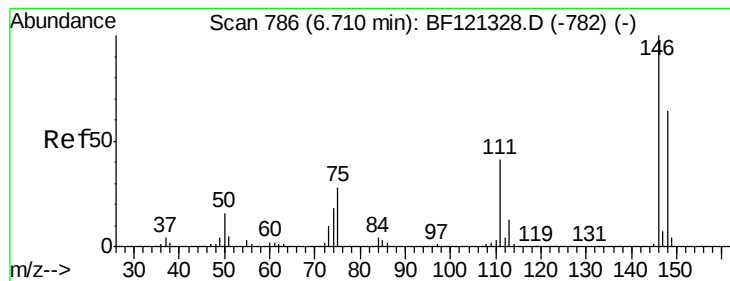
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.681 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	453438		
148	64.3	51.4	77.0	
75	29.3	24.0	36.0	





#13

1,4-Dichlorobenzene

Concen: 36.682 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

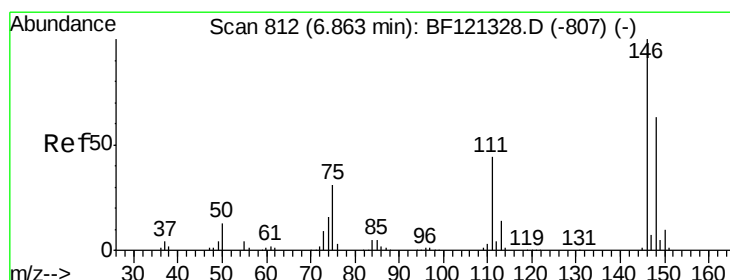
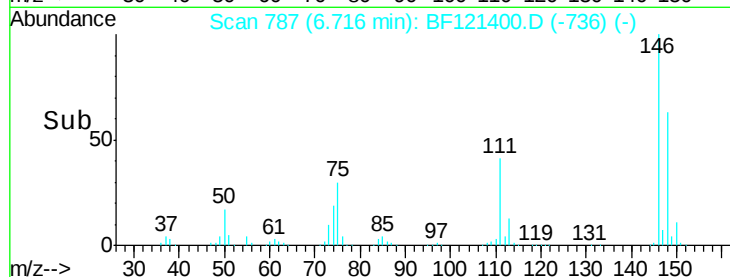
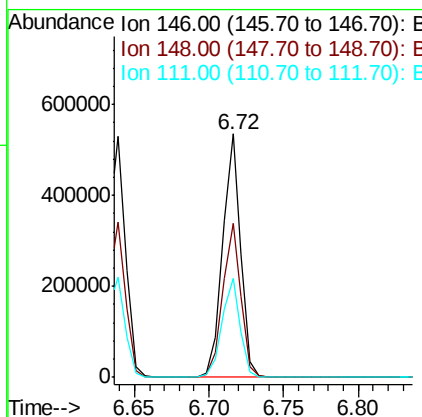
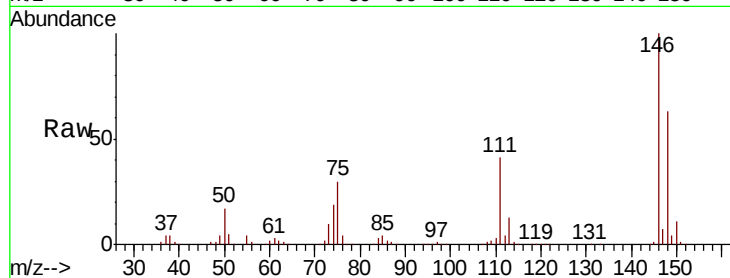
ClientSampleId :

PB131155BS

Tot Ion:	146	Resp:	457762
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	40.6	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 33.866 ng

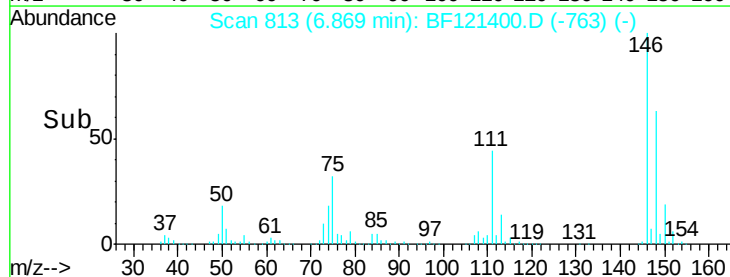
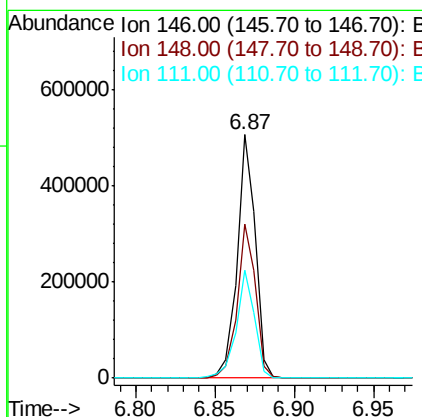
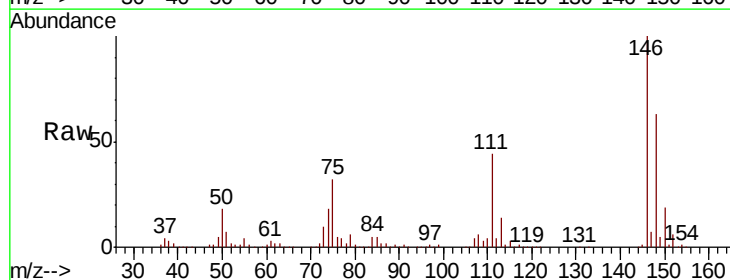
RT: 6.87 min Scan# 813

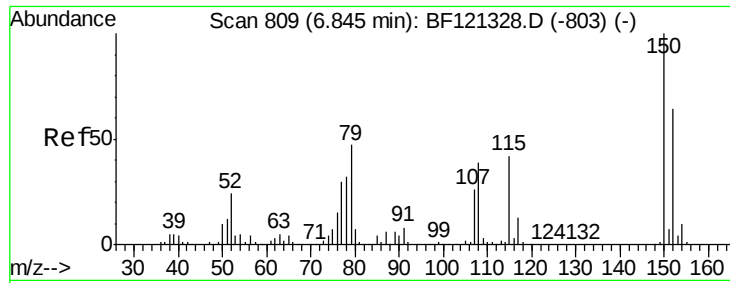
Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:	146	Resp:	402472
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.1	76.7
111	44.4	32.8	49.2





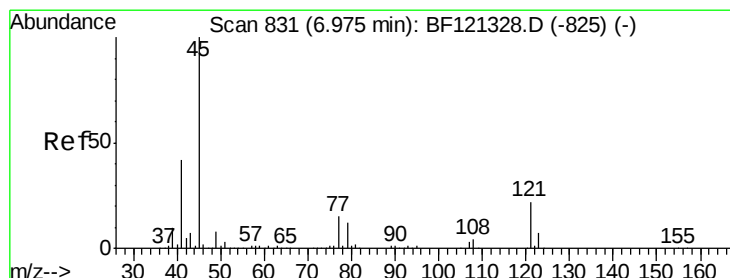
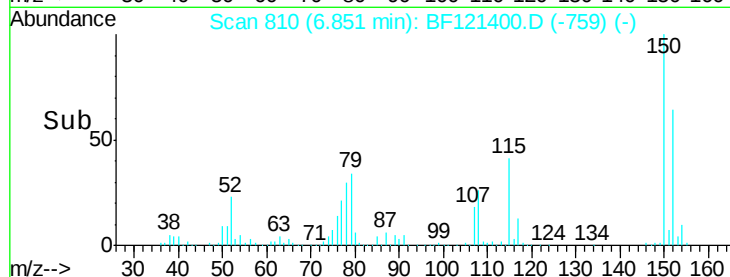
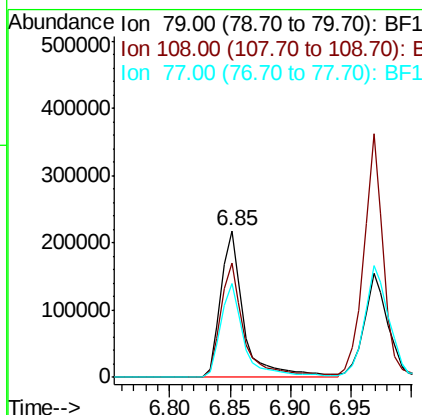
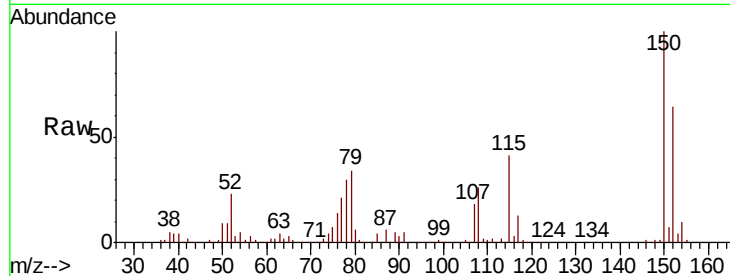
#15
Benzyl Alcohol
Concen: 35.953 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.6	62.3	93.5	
77	63.6	50.5	75.7	

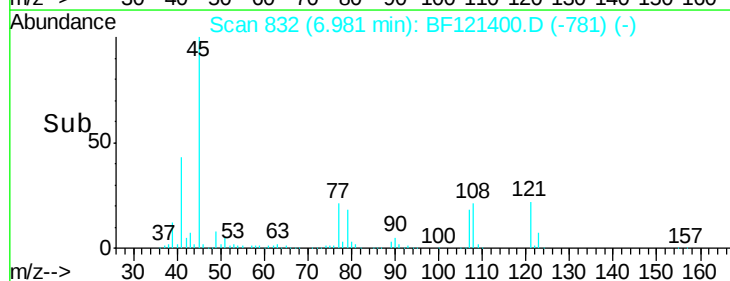
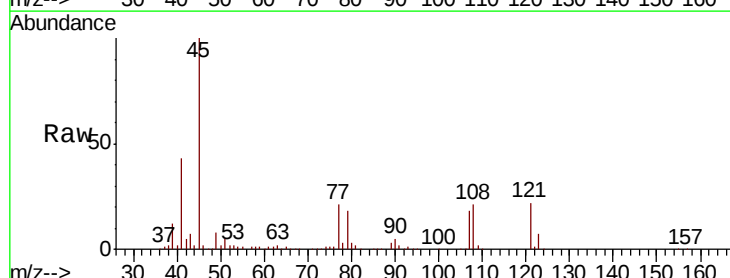
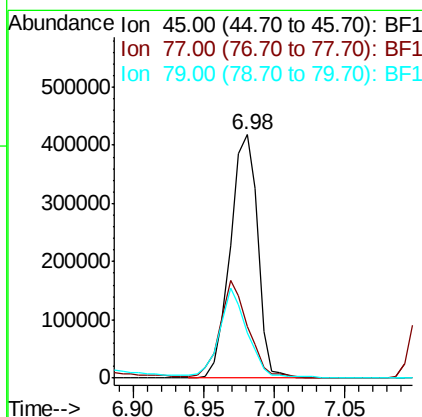
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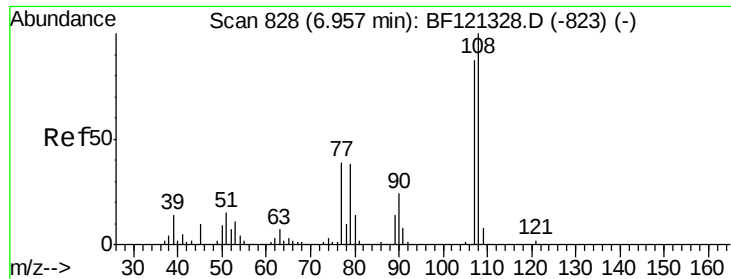
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.140 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	21.3	0.7	40.7	
79	18.4	0.0	37.1	





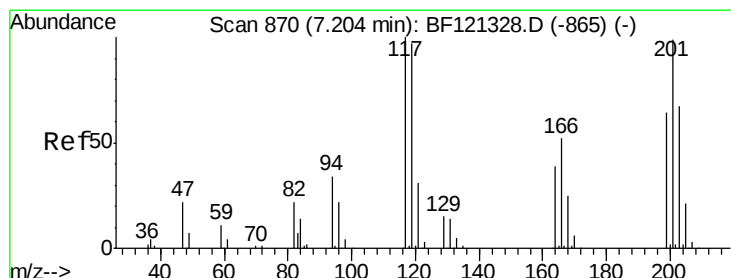
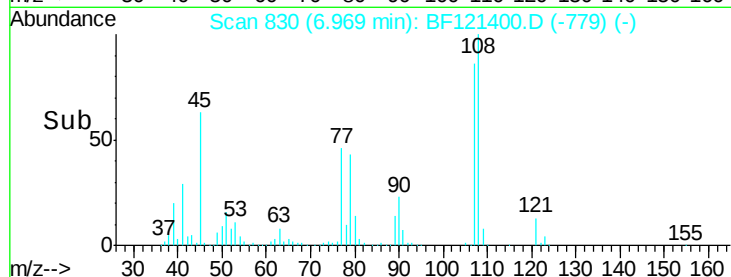
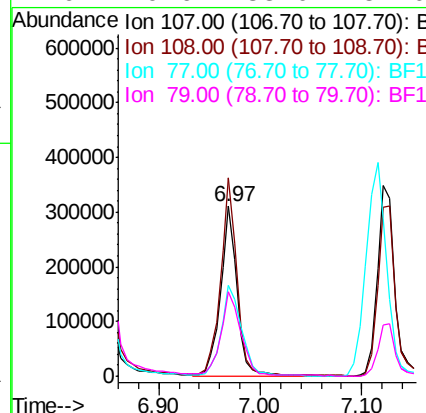
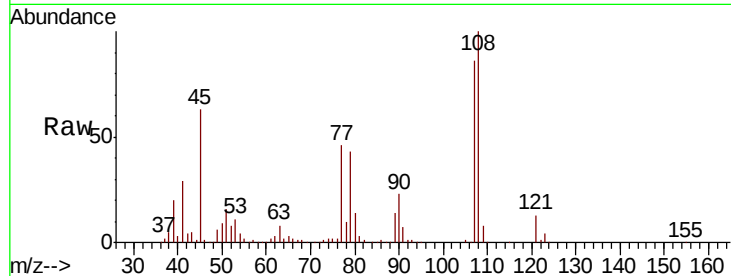
#17
2-Methylphenol
Concen: 38.580 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.6	91.5	137.3	
77	53.8	40.1	60.1	
79	49.6	38.0	57.0	

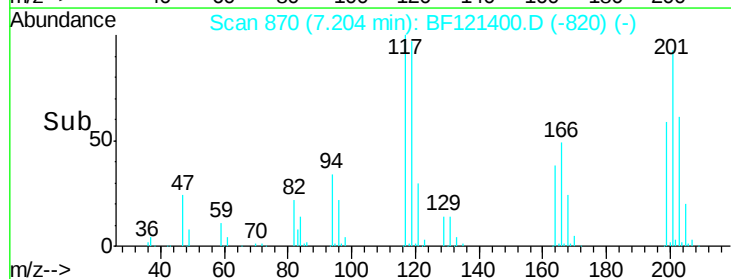
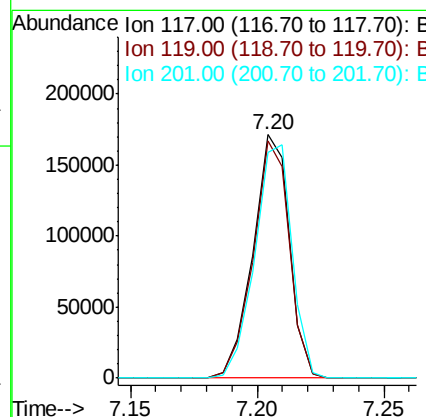
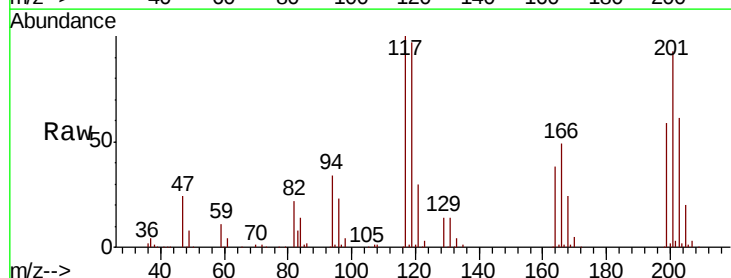
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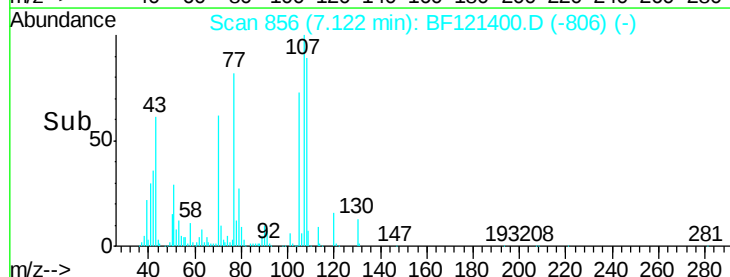
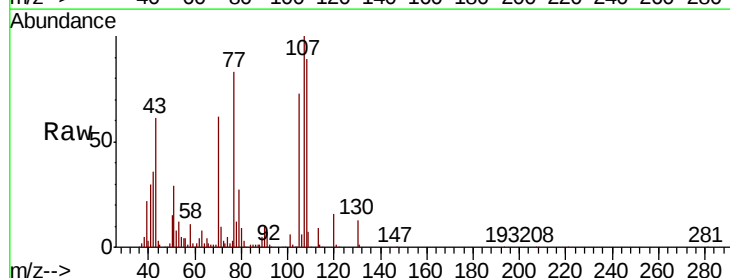
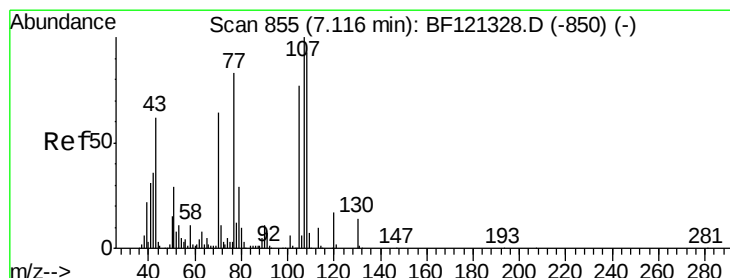
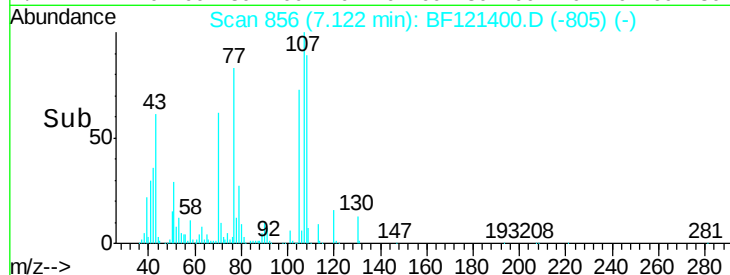
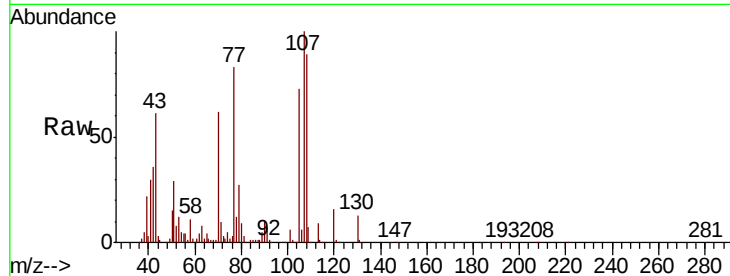
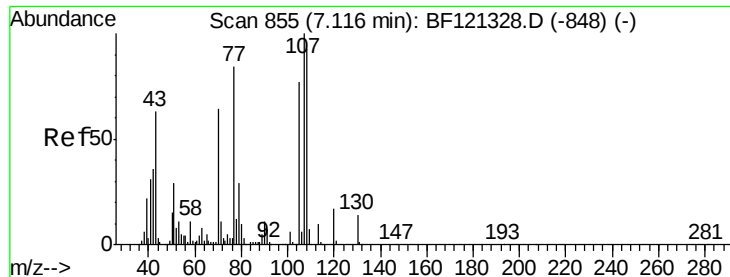
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#18
Hexachloroethane
Concen: 36.775 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

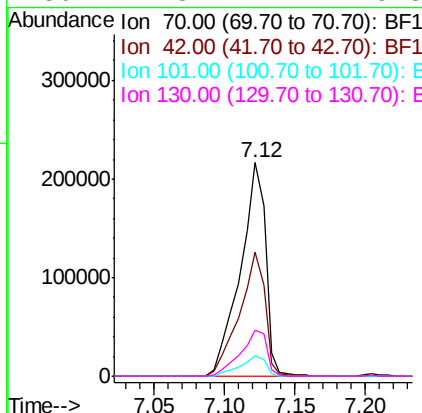
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.0	115.6	
201	92.7	80.6	120.8	





#19
n-Nitroso-di-n-propylamine
Concen: 37.564 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tot Ion	Ratio	Resp	Lower	Upper
70	100	272255		
42	57.9		46.9	70.3
101	9.7		7.7	11.5
130	21.3		17.2	25.8



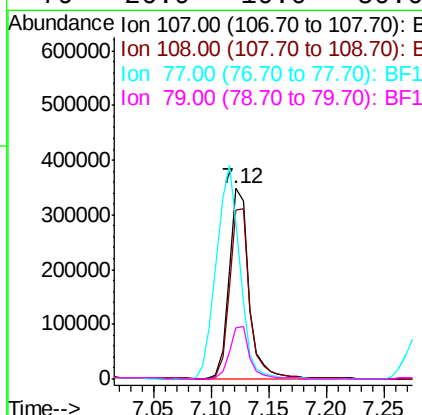
Instrument :
BNA_F
ClientSampleId :
PB131155BS

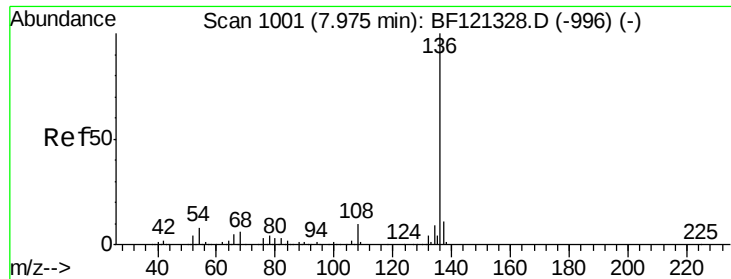
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#20
3+4-Methylphenols
Concen: 45.755 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	411314		
108	88.7		76.0	116.0
77	82.5		26.5	66.5
79	26.9		10.0	50.0





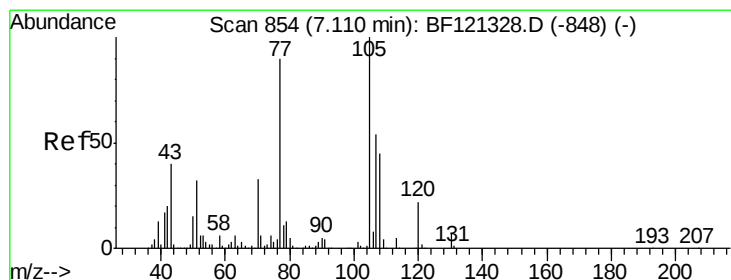
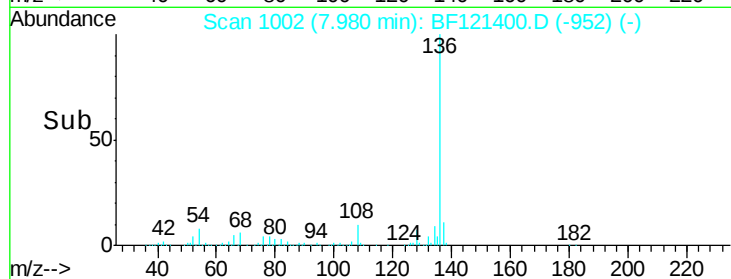
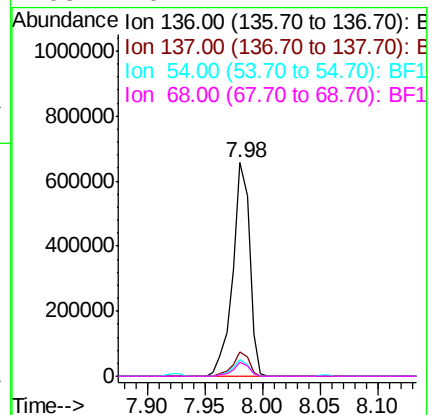
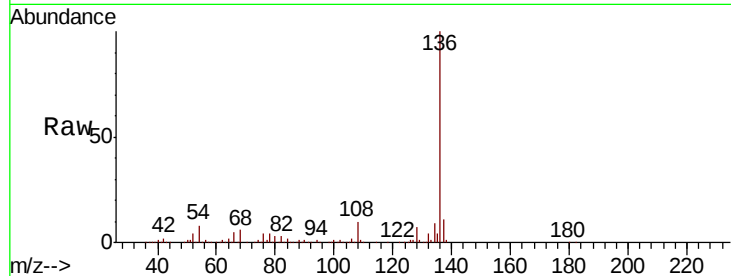
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	669386		
137	11.4		8.8	13.2
54	7.8		5.8	8.6
68	6.4		4.7	7.1

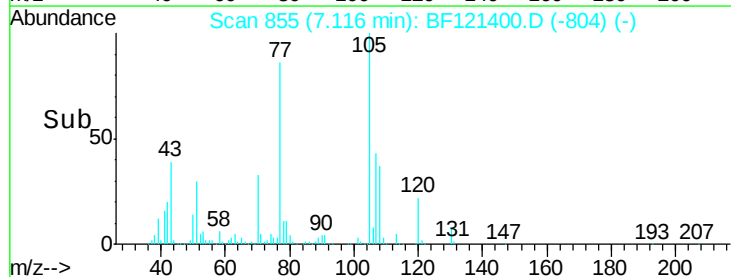
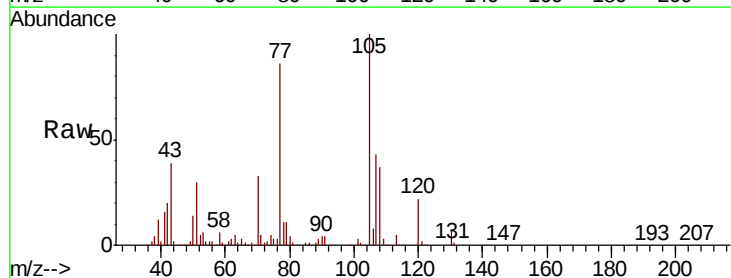
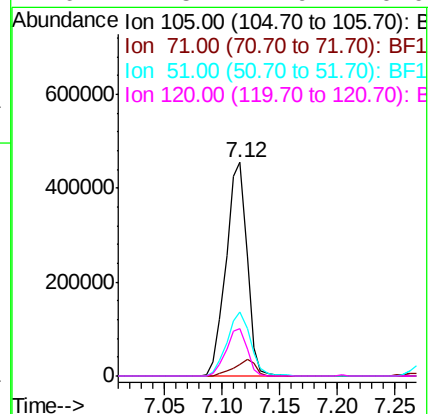
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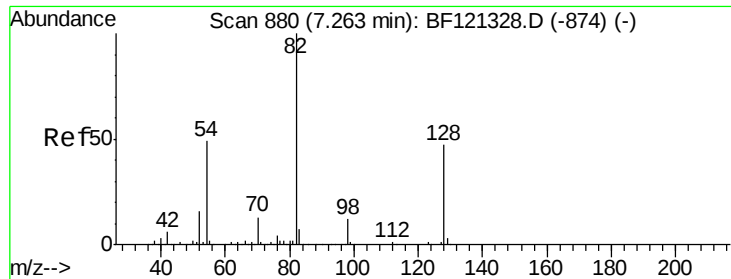
mohammad
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#22
Acetophenone
Concen: 36.699 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	574333		
71	5.3		3.5	5.3#
51	30.0		23.9	35.9
120	22.5		17.9	26.9





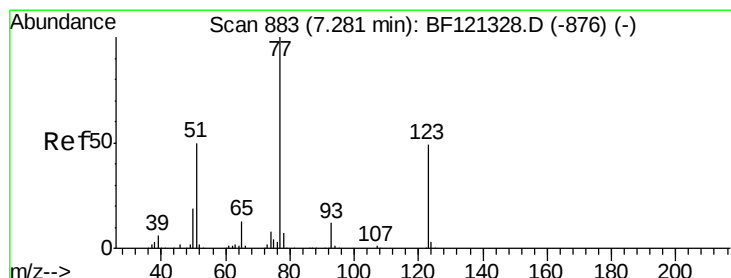
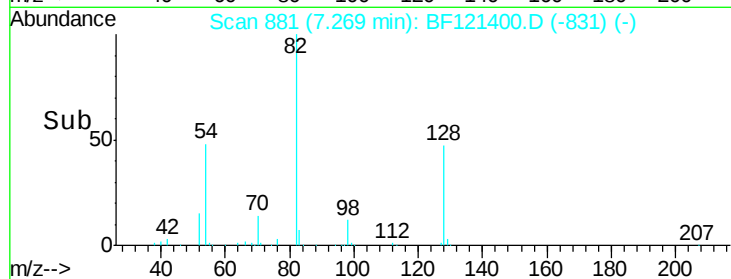
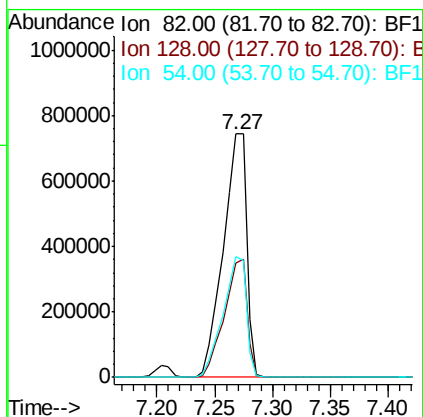
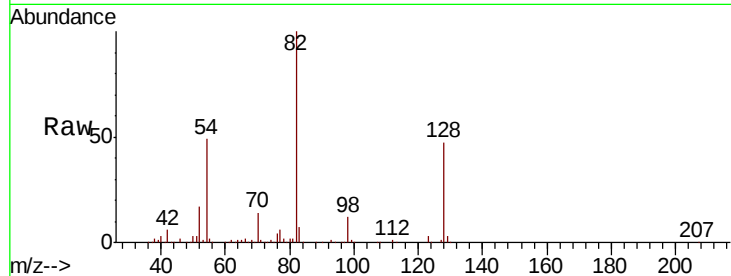
#23
 Nitrobenzene-d5
 Concen: 88.467 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.4	57.6
54	49.5	39.0	58.6

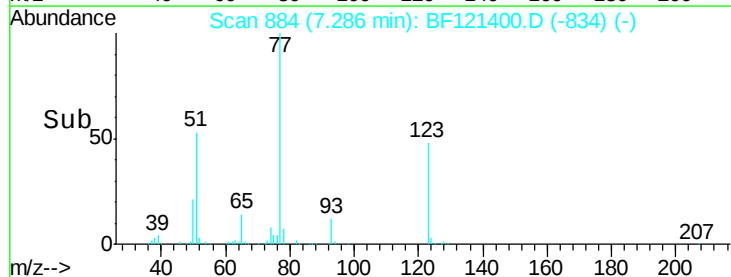
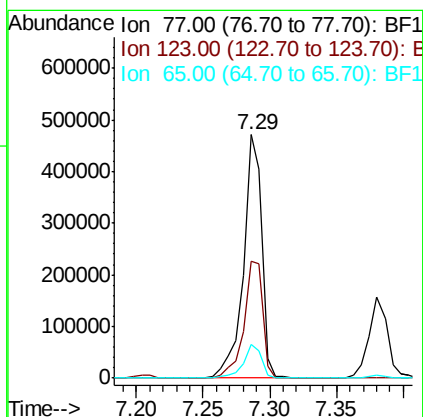
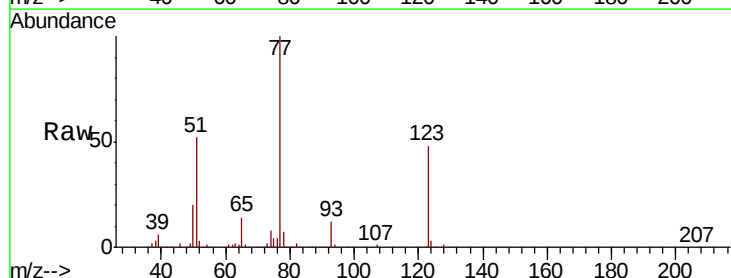
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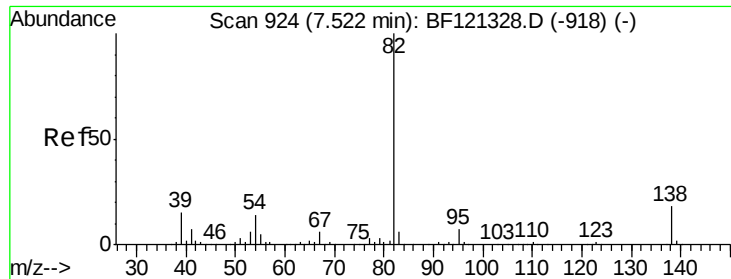
mohammad
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#24
 Nitrobenzene
 Concen: 36.757 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	42.0	63.0
65	13.6	10.4	15.6





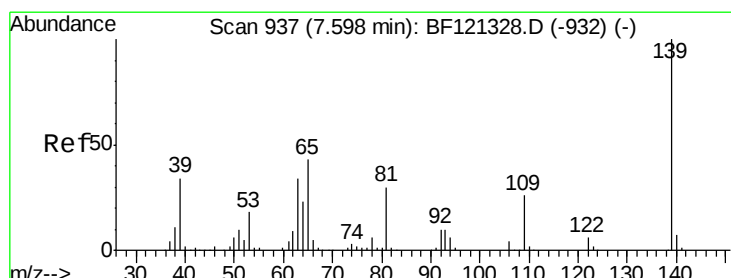
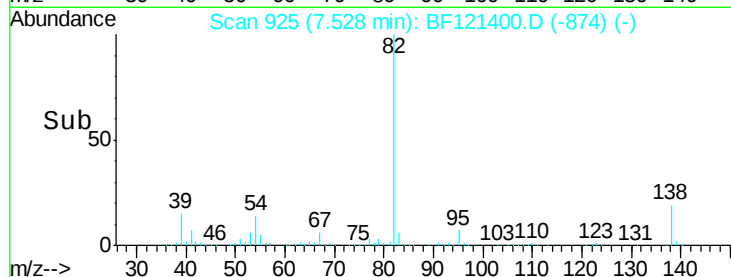
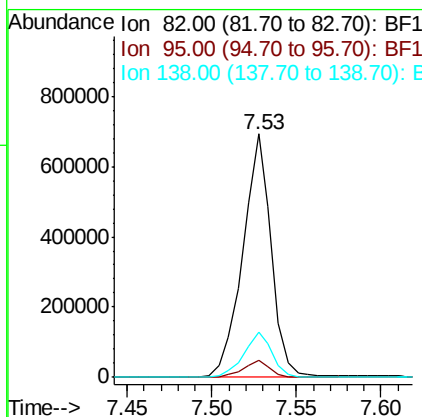
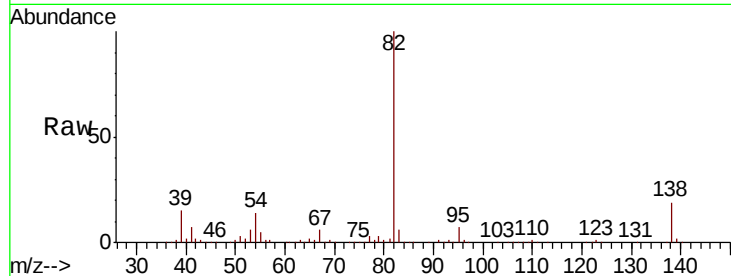
#25
Isophorone
Concen: 37.794 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.8	5.3	7.9	
138	18.7	15.0	22.6	

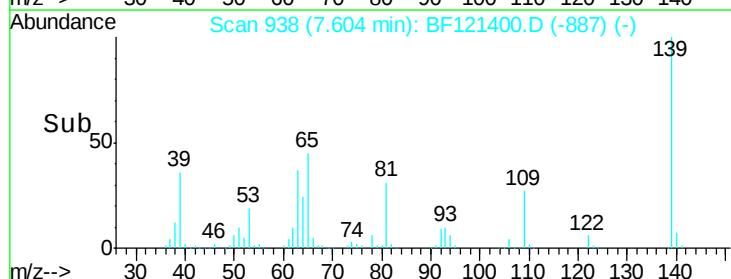
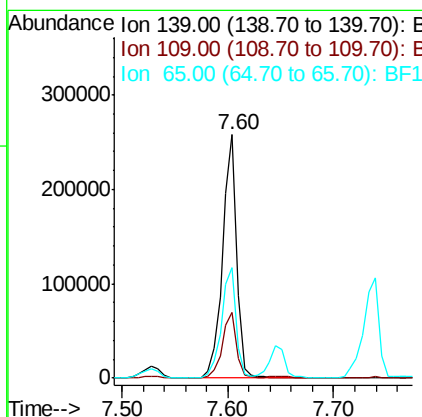
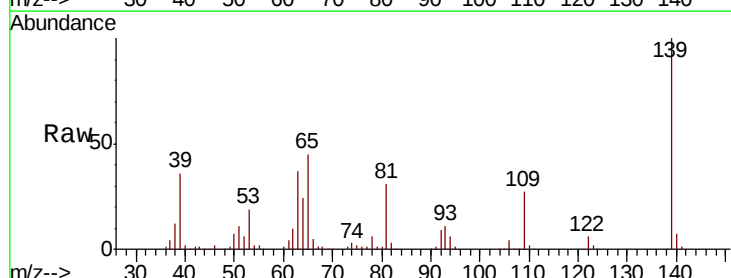
Manual Integrations
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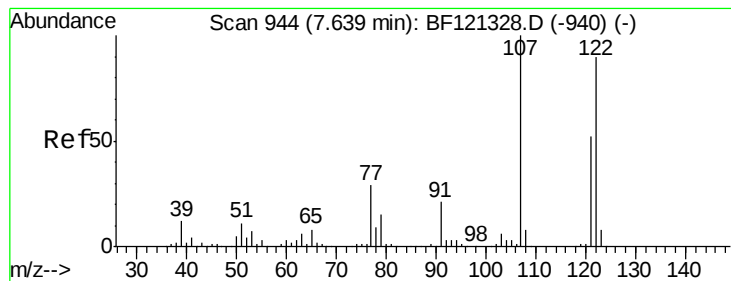
mohammad
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#26
2-Nitrophenol
Concen: 39.335 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.2	21.2	31.8	
65	45.2	37.0	55.6	





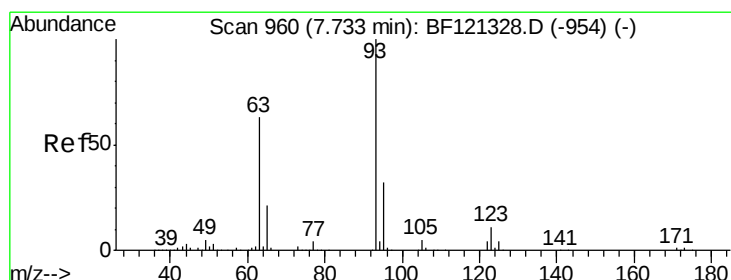
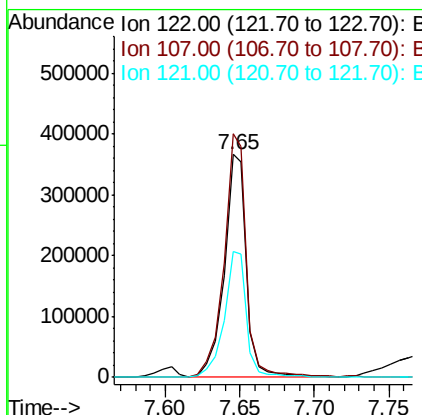
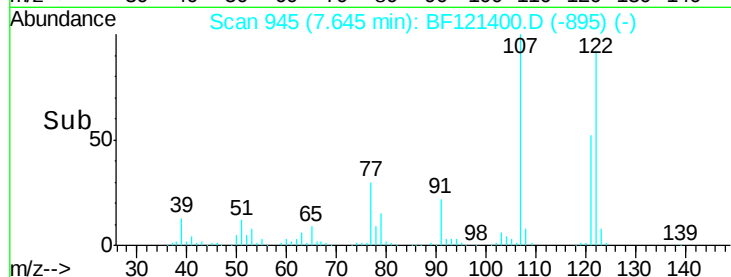
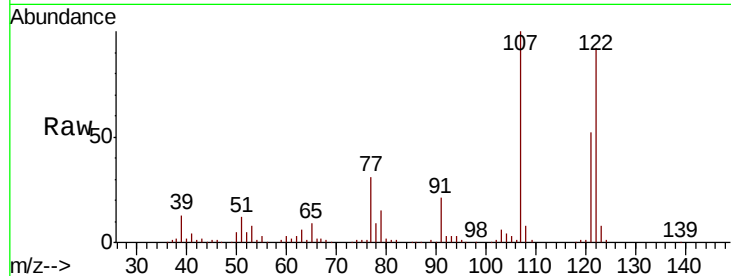
#27
2,4-Dimethylphenol
Concen: 43.603 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	384925		
107	109.2	85.1	127.7	
121	56.5	44.9	67.3	

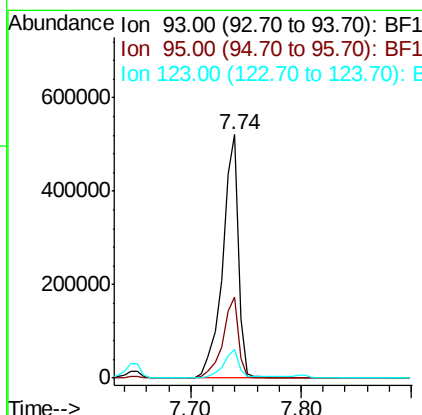
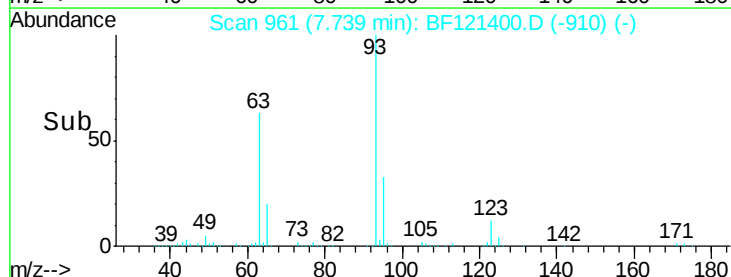
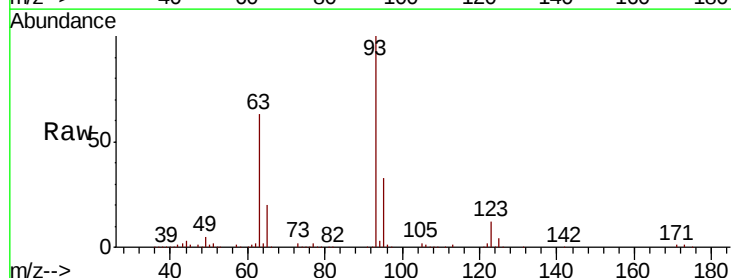
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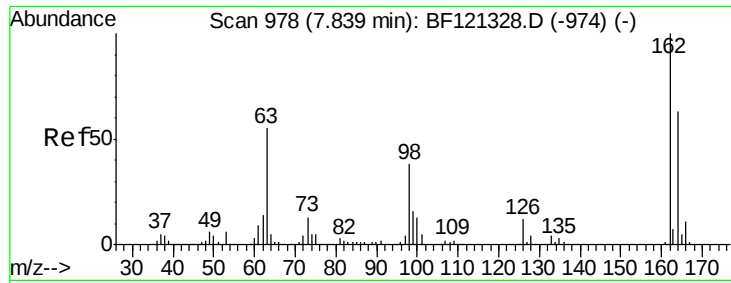
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.362 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	518498		
95	33.2	26.6	39.8	
123	11.6	9.4	14.0	





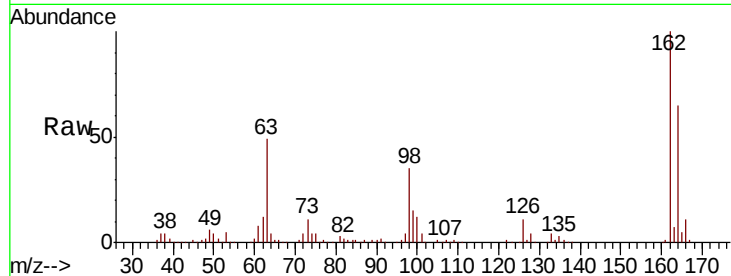
#29
2,4-Dichlorophenol
Concen: 37.577 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

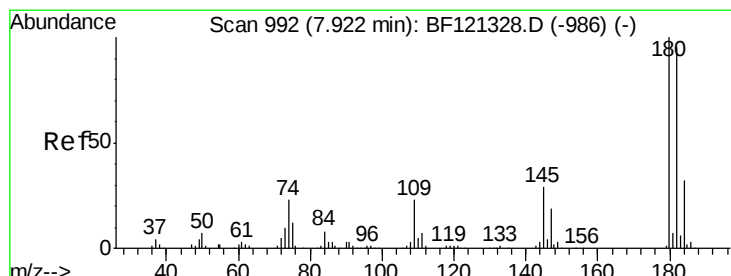
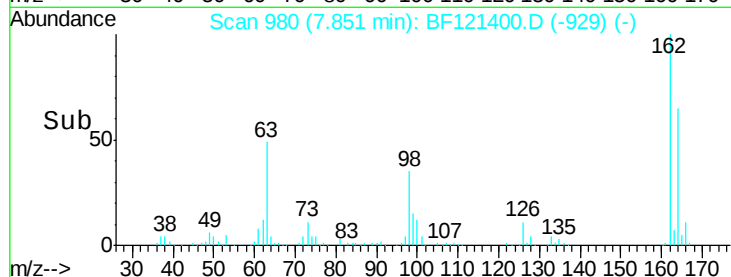
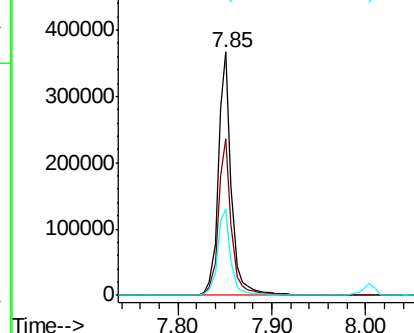
Tot Ion:	162	Resp:	362176
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.3	84.3
98	35.2	16.1	56.1

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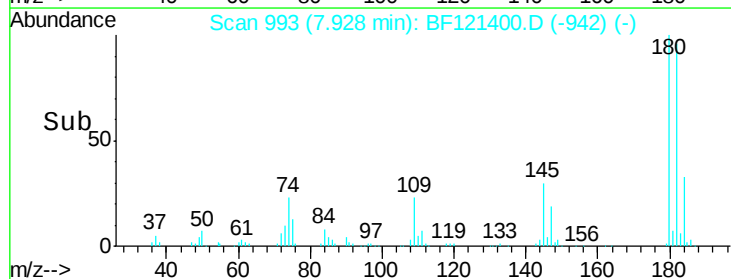
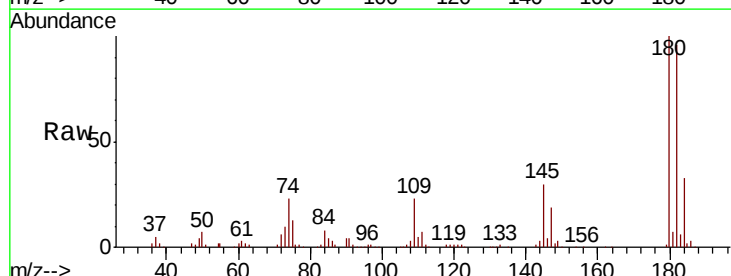
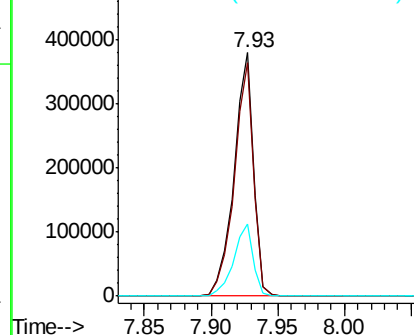
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

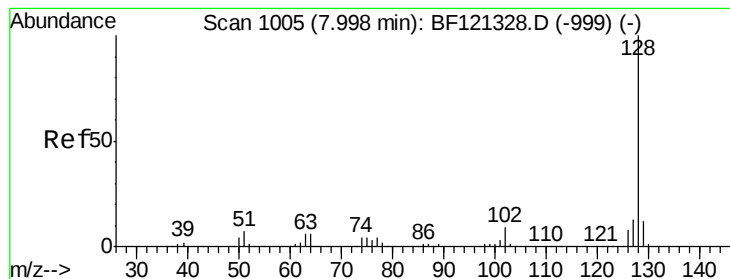


#30
1,2,4-Trichlorobenzene
Concen: 35.576 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:	180	Resp:	392108
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.0	112.6
145	29.5	24.1	36.1

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: 36.315 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion:128 Resp: 1209829

Ion Ratio Lower Upper

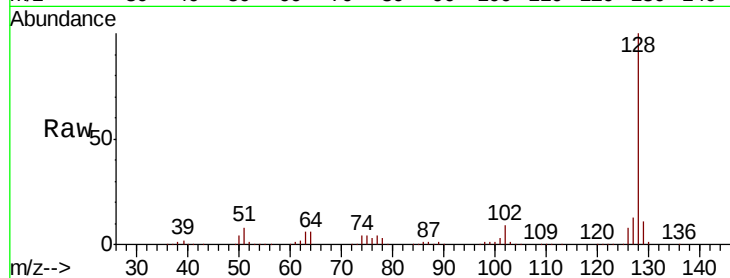
128 100

129 11.4 8.9 13.3

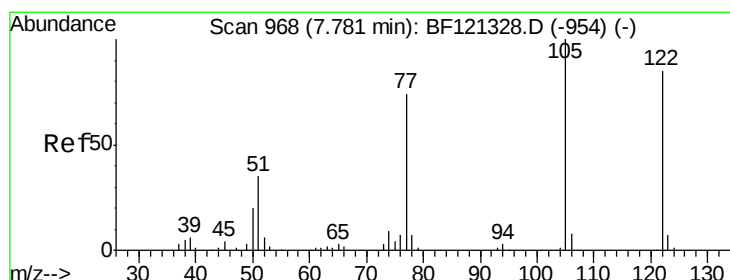
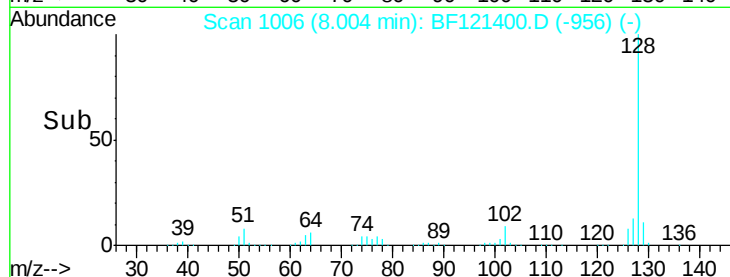
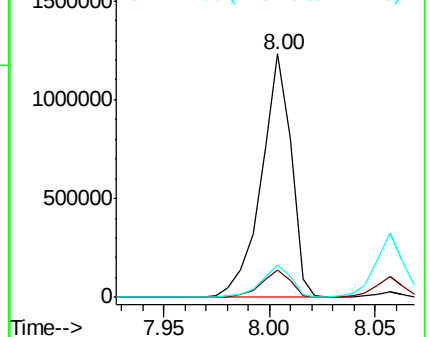
127 13.4 10.6 15.8

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



#32

Benzoic acid

Concen: 30.881 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

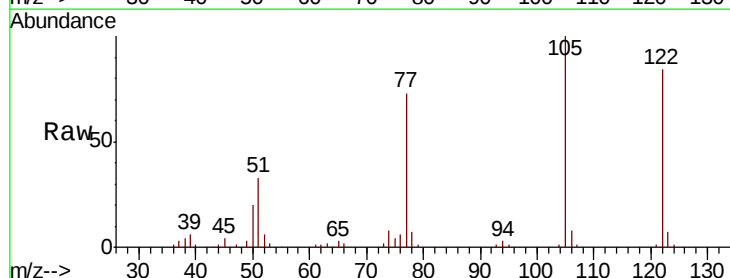
Tgt Ion:122 Resp: 192747

Ion Ratio Lower Upper

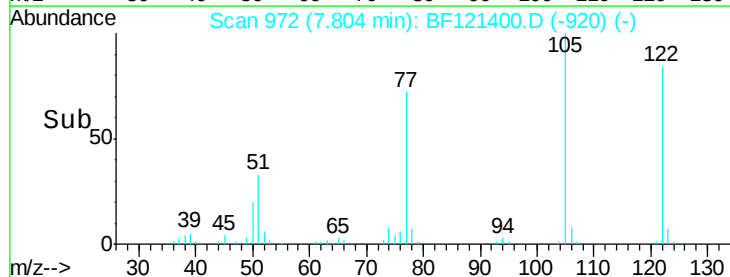
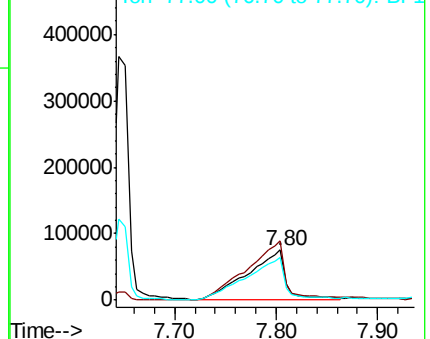
122 100

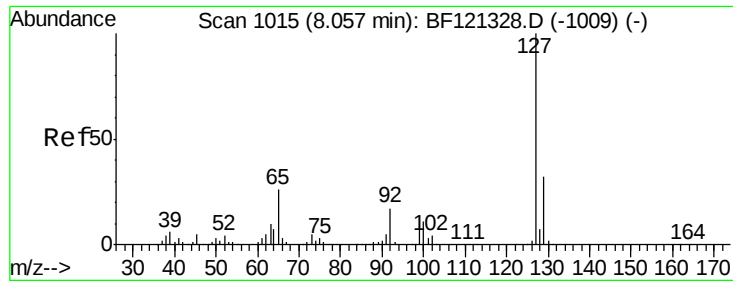
105 118.3 98.8 138.8

77 86.0 66.3 106.3



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





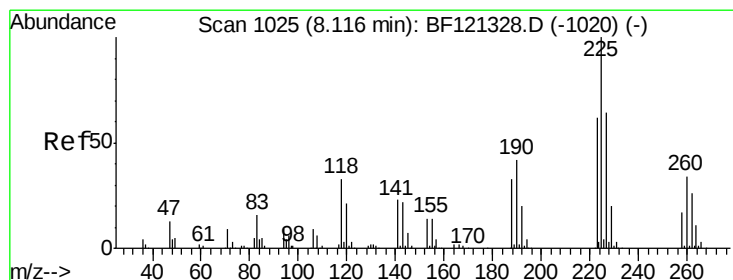
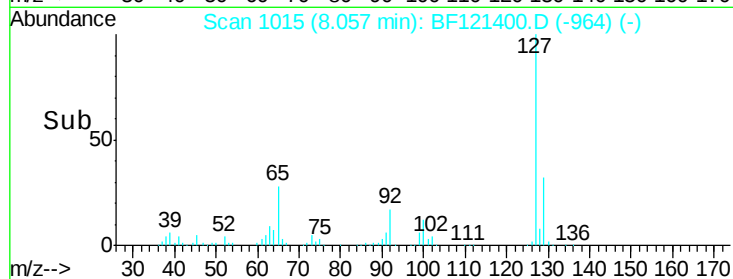
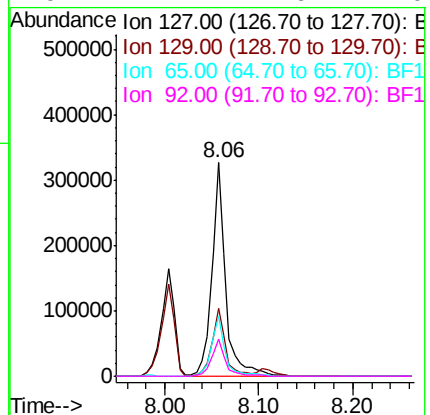
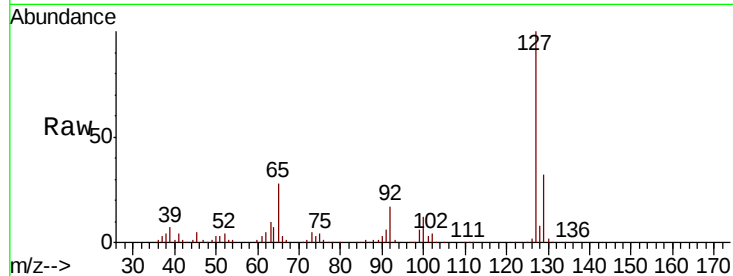
#33
4-Chloroaniline
Concen: 22.907 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	28.2	23.7	35.5		
92	17.4	14.6	22.0		

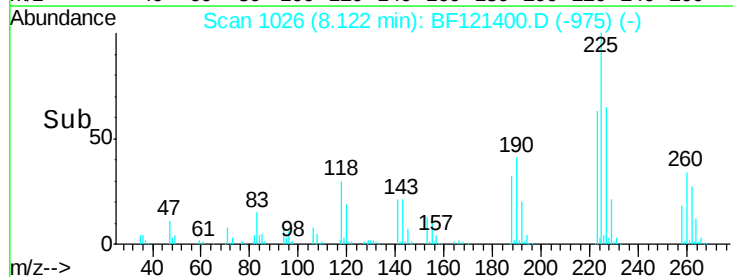
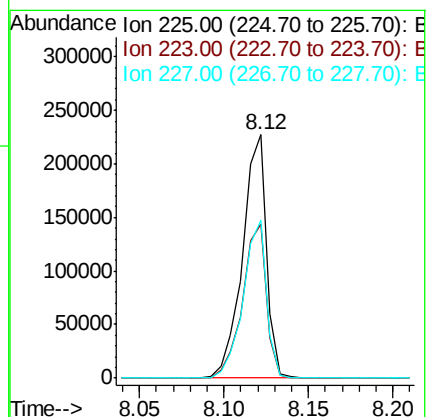
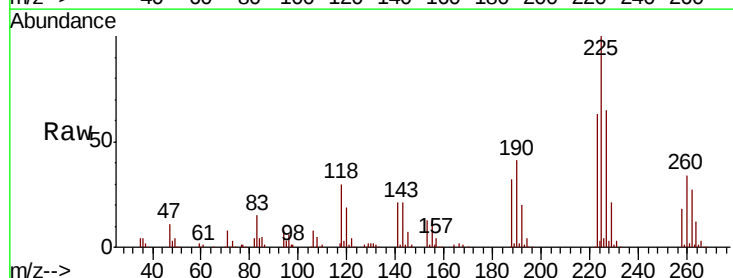
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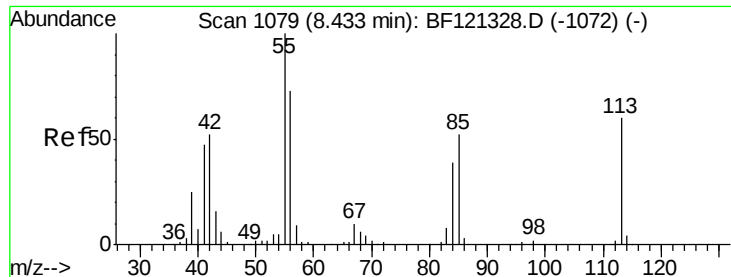
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#34
Hexachlorobutadiene
Concen: 34.405 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.2	76.8		
227	64.8	51.8	77.8		





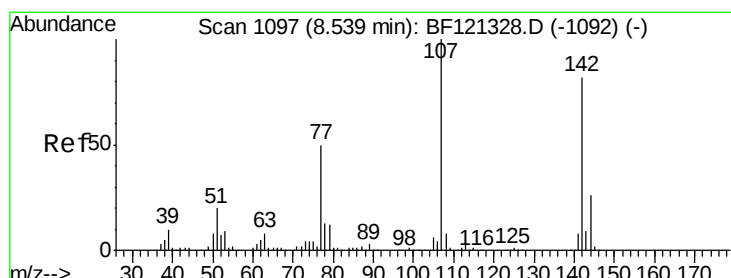
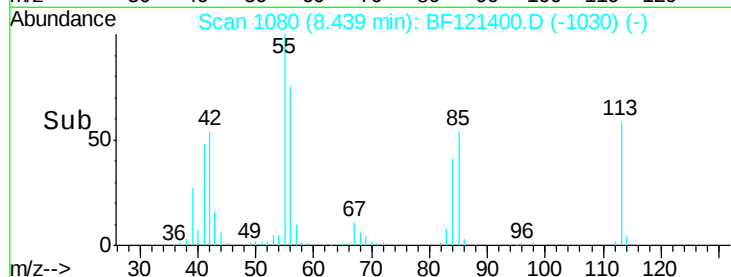
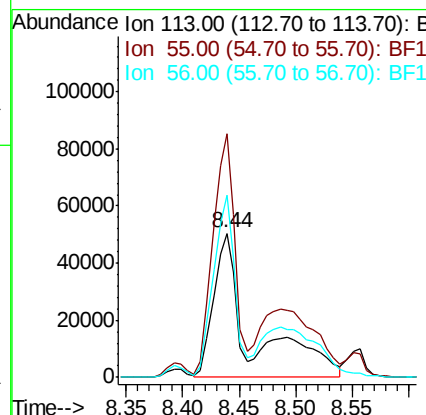
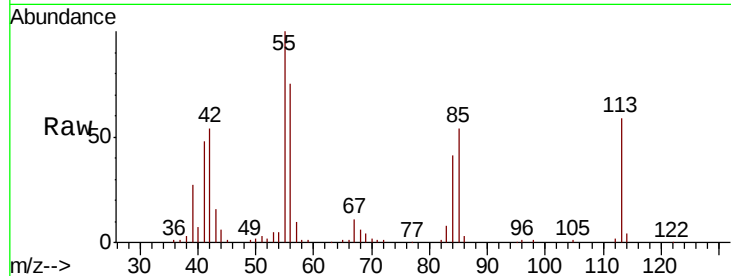
#35
Caprolactam
Concen: 36.866 ng/ml
RT: 8.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleID :
PB131155BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.0	147.4	187.4
56	126.9	102.7	142.7

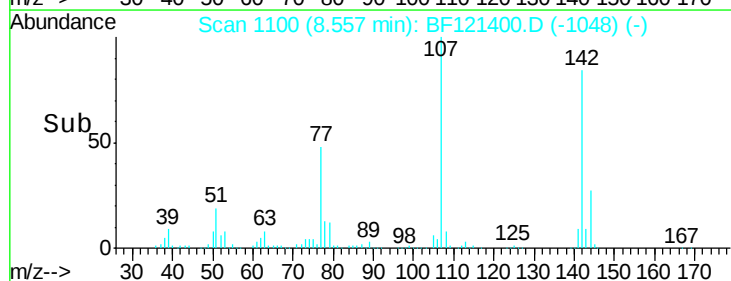
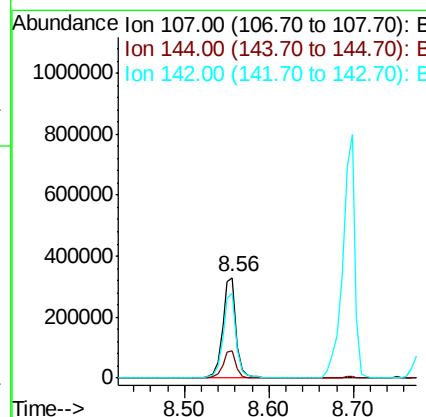
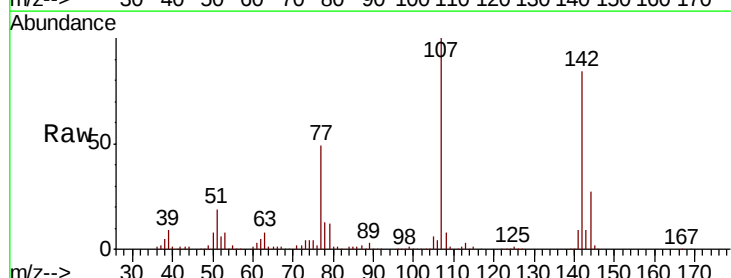
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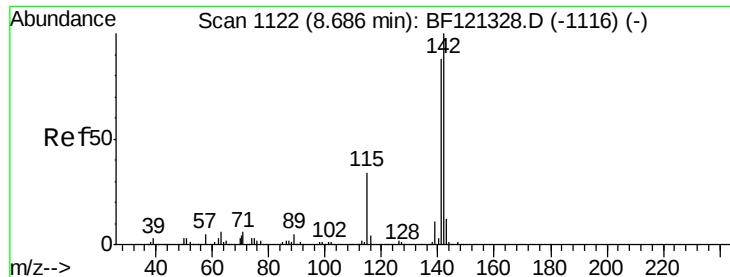
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#36
4-Chloro-3-methylphenol
Concen: 38.501 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	20.7	31.1
142	84.2	65.4	98.2





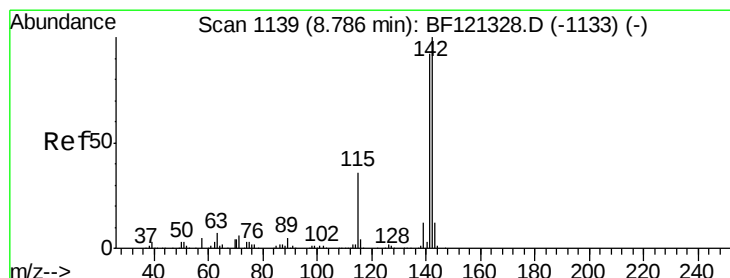
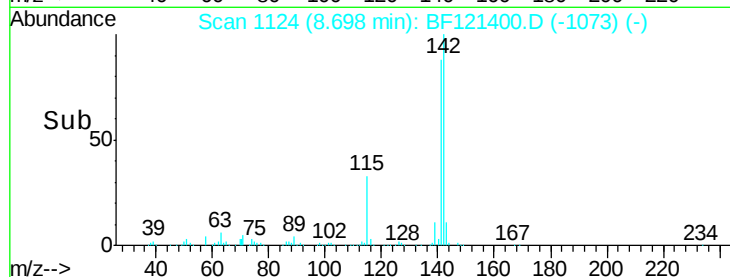
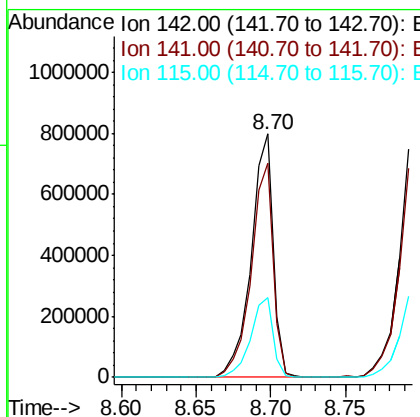
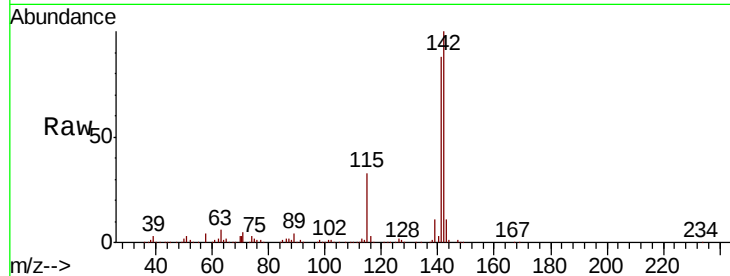
#37
2-Methylnaphthalene
Concen: 37.345 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleID :
PB131155BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.2	106.8
115	32.9	26.9	40.3

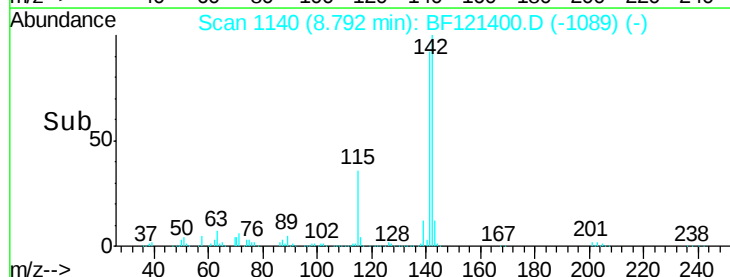
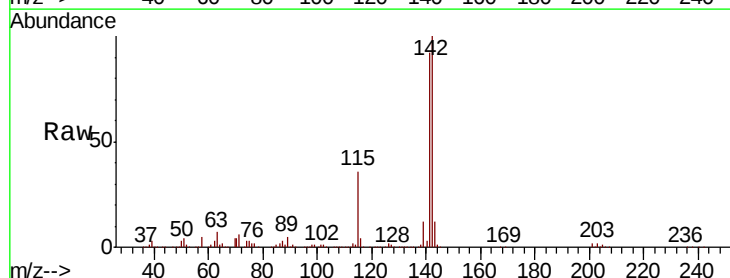
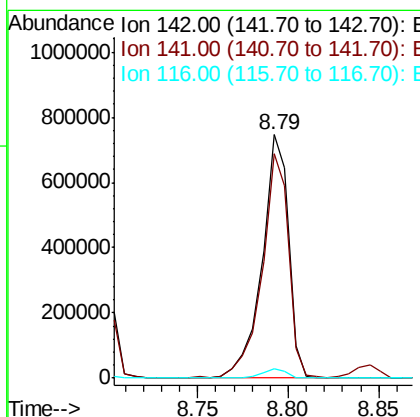
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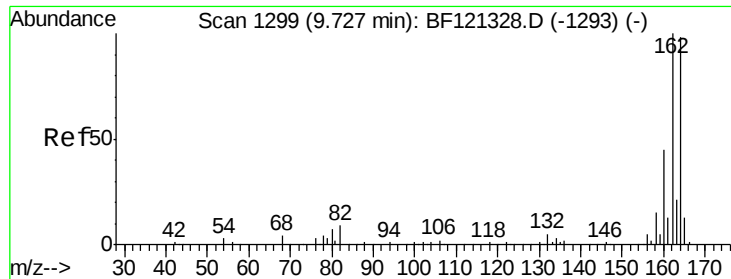
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#38
1-Methylnaphthalene
Concen: 36.858 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6
116	3.8	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

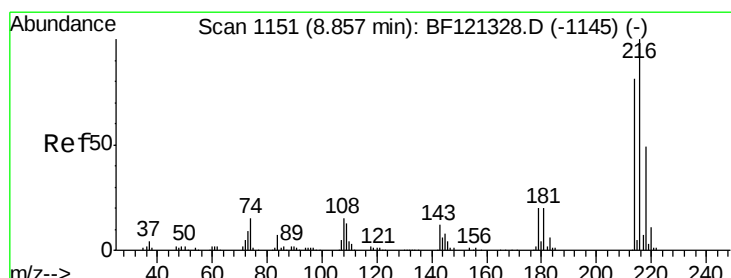
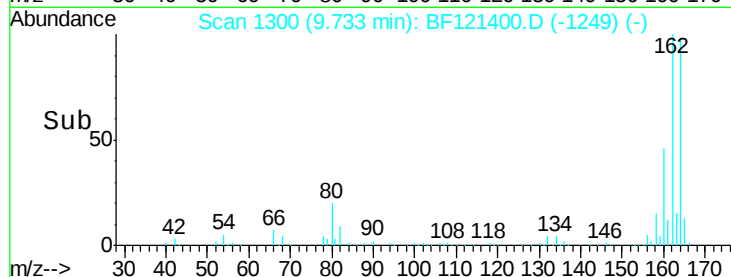
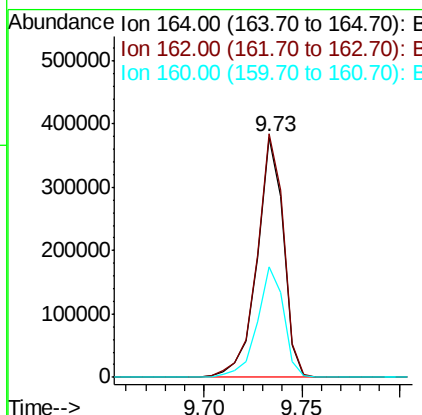
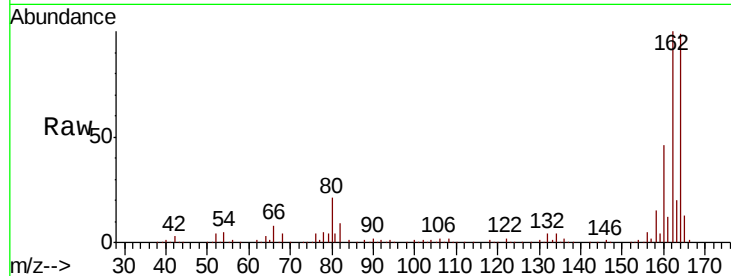
ClientSampleId :

PB131155BS

Tot Ion:	164	Resp:	353453
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.9	122.9
160	46.3	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.889 ng

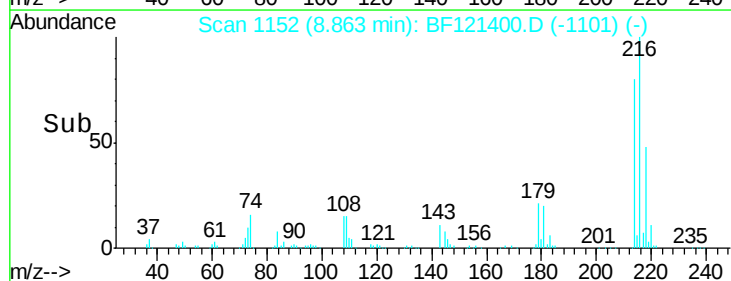
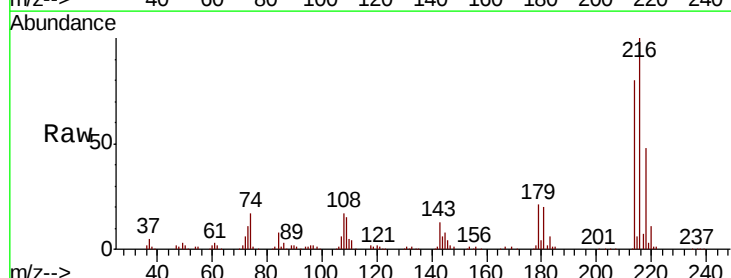
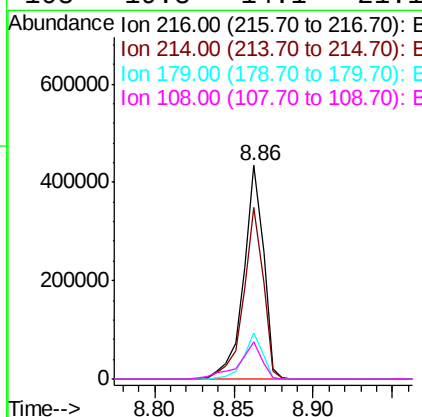
RT: 8.86 min Scan# 1152

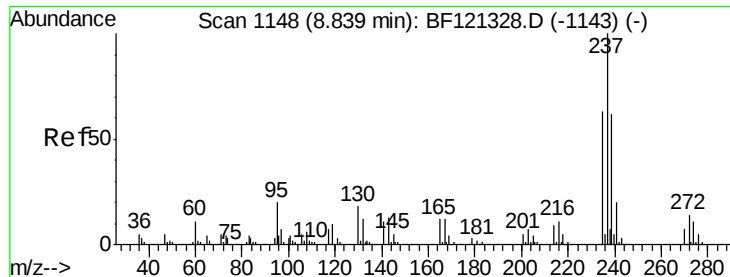
Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:	216	Resp:	376496
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.6
179	20.5	16.6	24.8
108	19.8	14.1	21.1





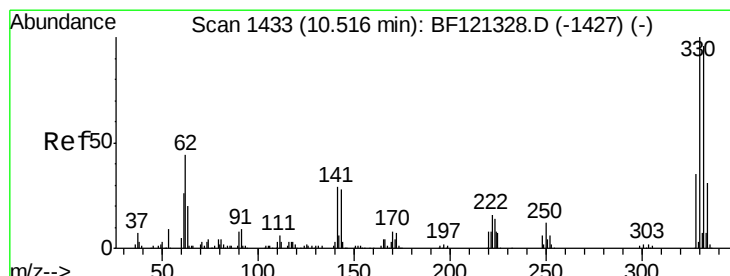
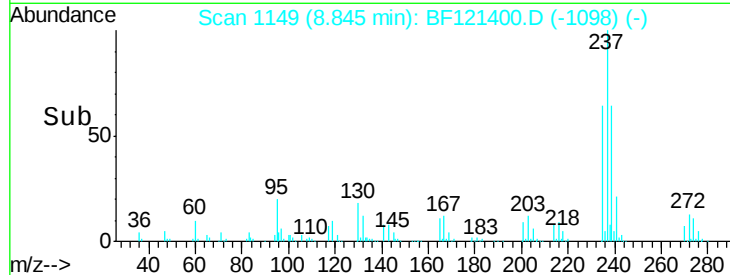
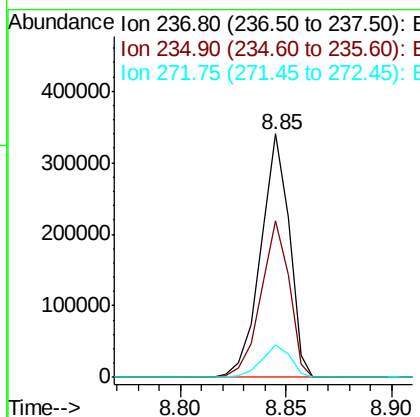
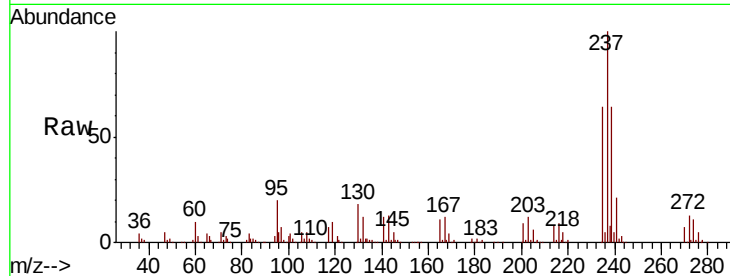
#41
Hexachlorocyclopentadiene
Concen: 77.617 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.4	42.8	82.8	
272	13.4	0.0	33.3	

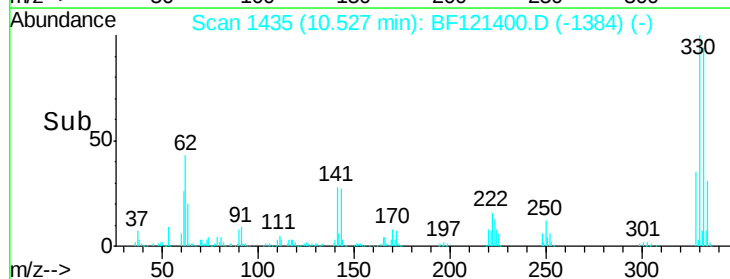
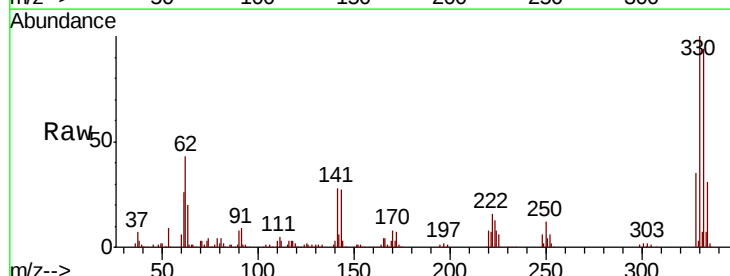
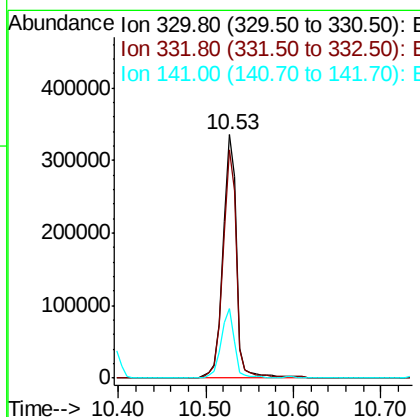
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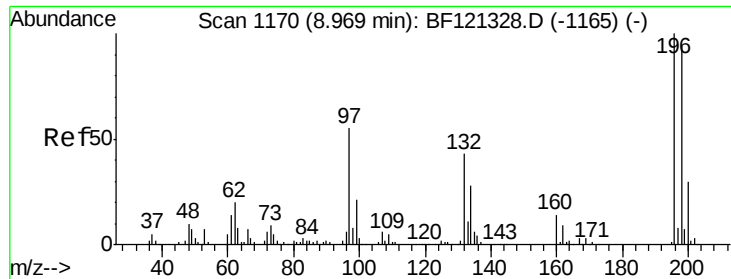
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#42
2,4,6-Tribromophenol
Concen: 88.123 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.0	77.0	115.6	
141	28.4	22.8	34.2	





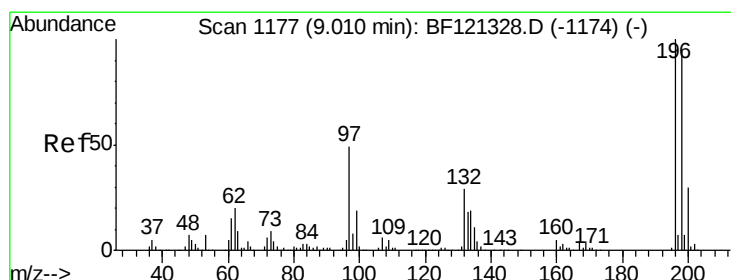
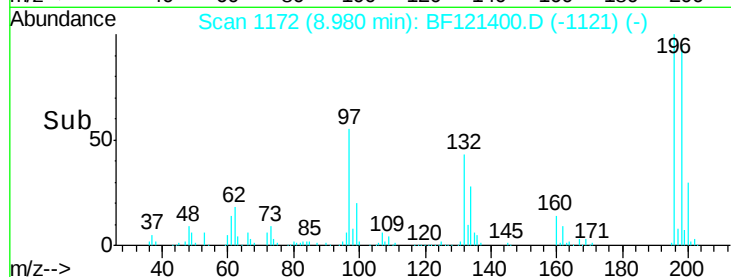
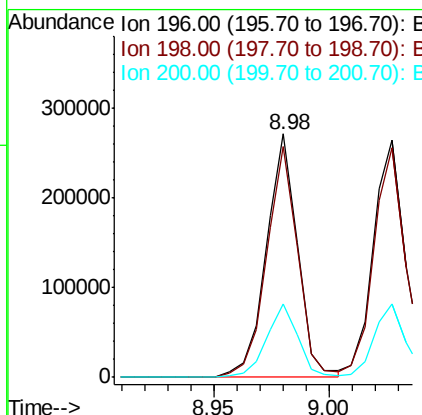
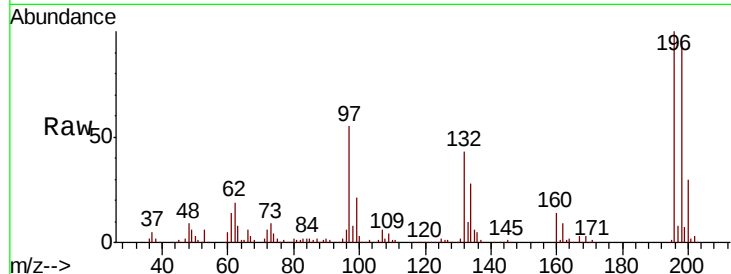
#43
 2,4,6-Trichlorophenol
 Concen: 35.624 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255492		
198	94.7	76.6	114.8	
200	30.2	24.7	37.1	

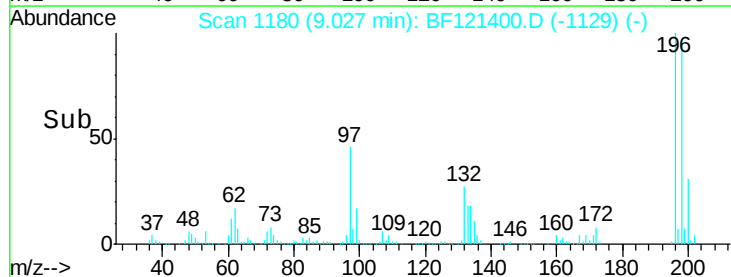
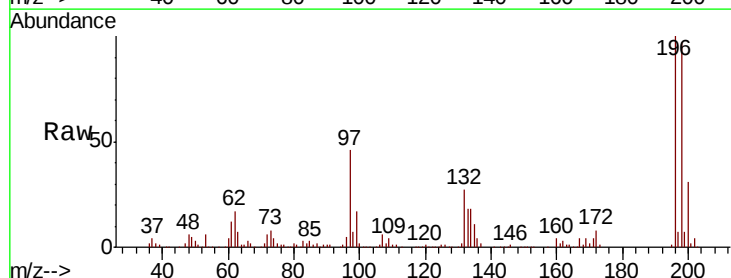
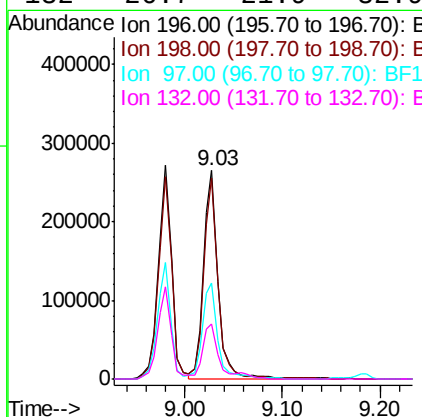
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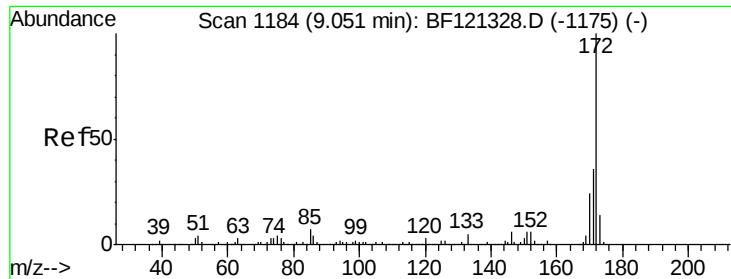
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.871 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272053		
198	96.5	76.5	114.7	
97	45.8	37.3	55.9	
132	26.7	21.9	32.9	





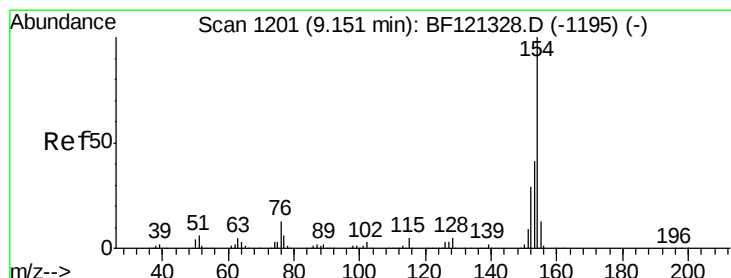
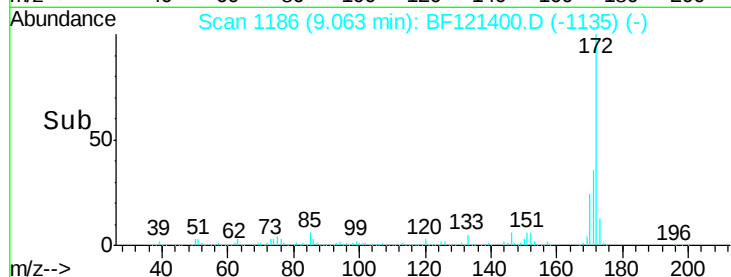
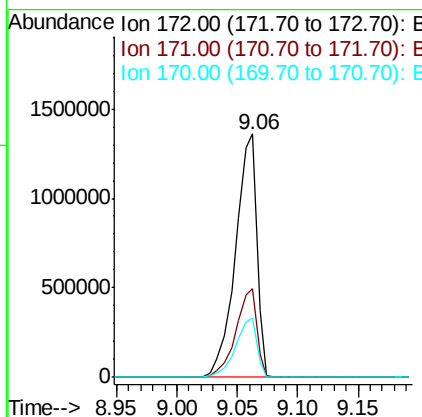
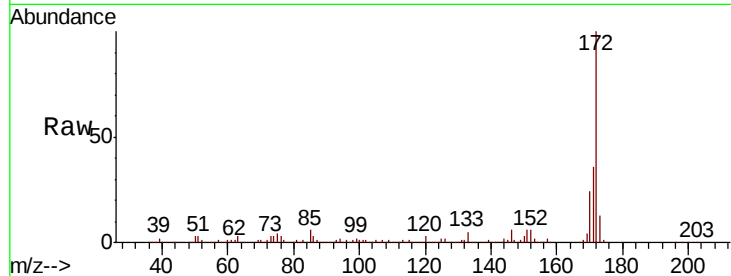
#45
2-Fluorobiphenyl
Concen: 92.414 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.5	19.6	29.4

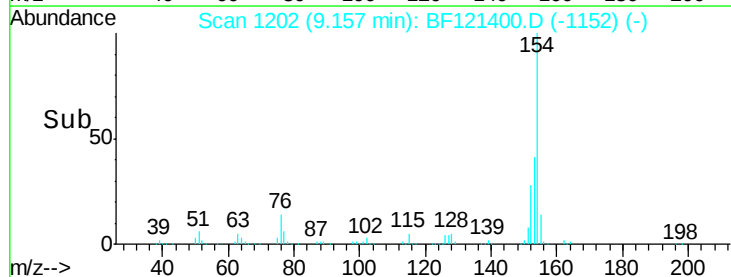
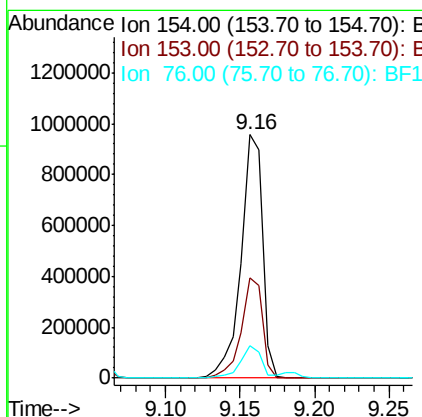
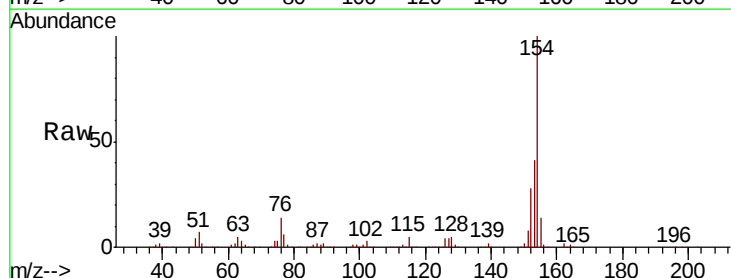
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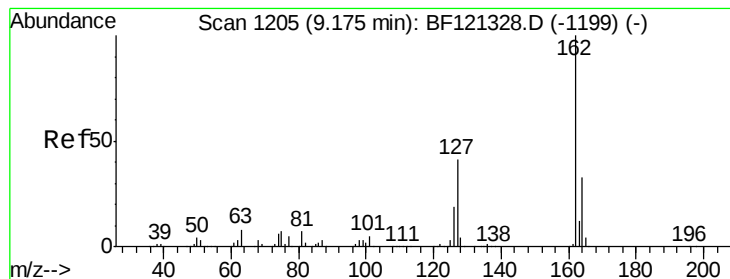
mohammad
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#46
1,1'-Biphenyl
Concen: 36.324 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	13.6	0.0	31.9





#47

2-Chloronaphthalene

Concen: 34.326 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

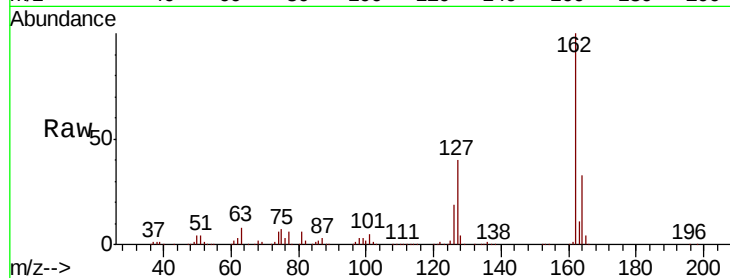
ClientSampleId :

PB131155BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		749176		
127	39.8	32.4	48.6		
164	33.4	26.4	39.6		

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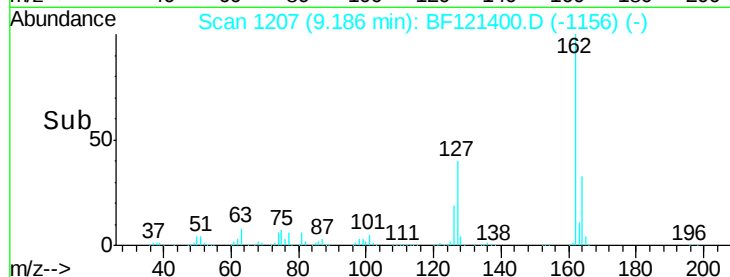


Abundance Ion 162.00 (161.70 to 162.70): E

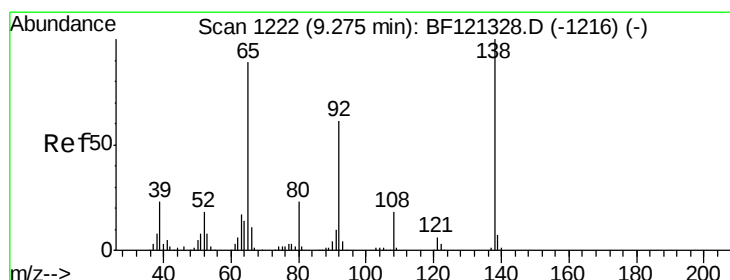
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#48

2-Nitroaniline

Concen: 34.083 ng

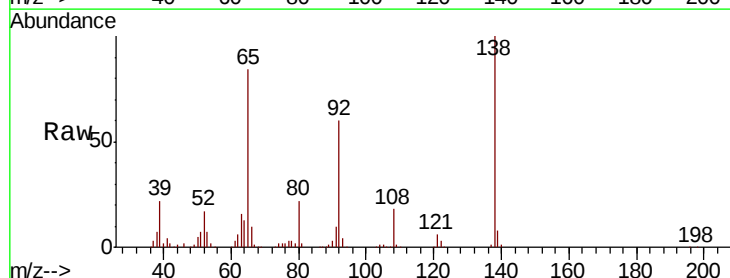
RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		234211		
92	71.7	58.0	87.0		
138	119.0	94.1	141.1		

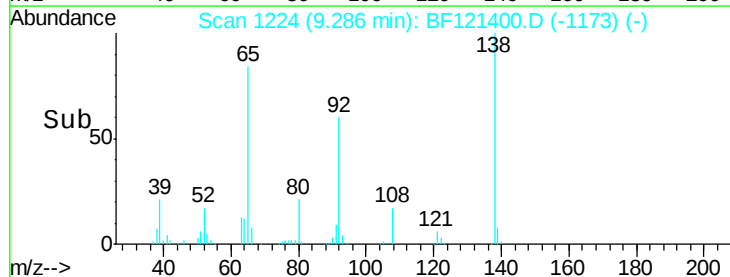


Abundance Ion 65.00 (64.70 to 65.70): BF1

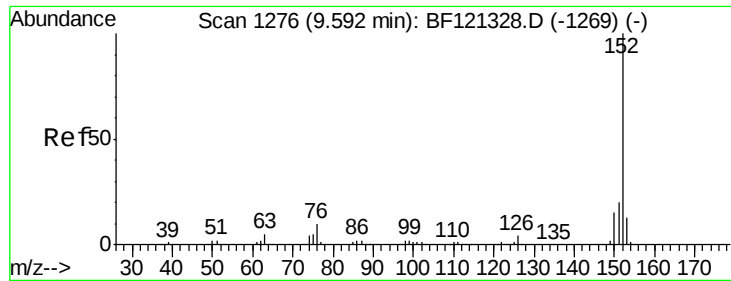
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

Time-->



Time-->



#49

Acenaphthylene

Concen: 36.013 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion:152 Resp: 1167465

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7

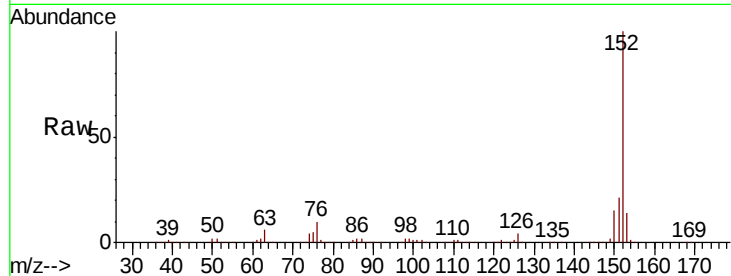
153 13.6 10.8 16.2

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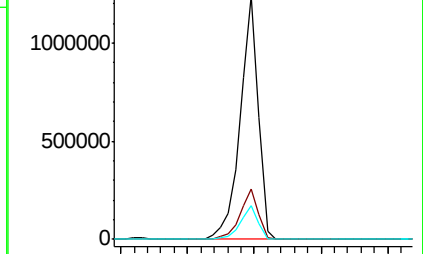
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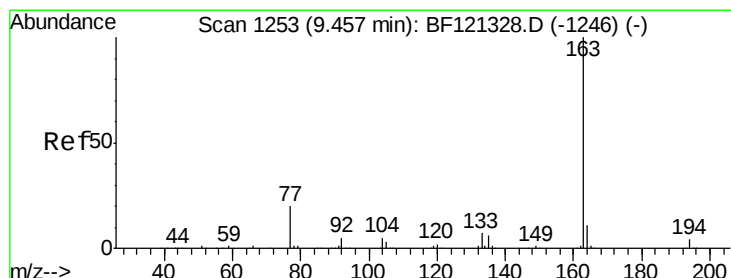
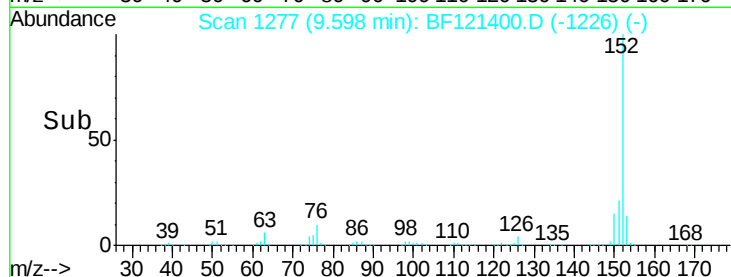
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 34.936 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

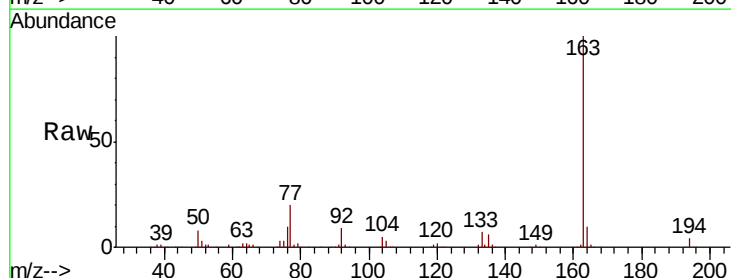
Tgt Ion:163 Resp: 898367

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

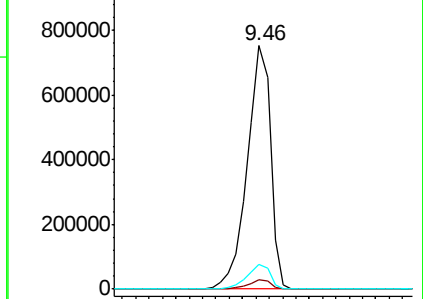
164 10.3 8.5 12.7



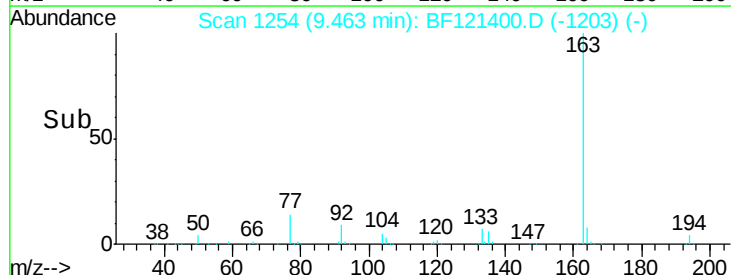
Abundance Ion 163.00 (162.70 to 163.70): E

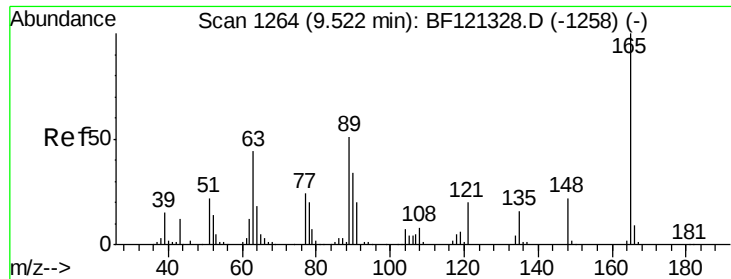
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#51

2,6-Dinitrotoluene

Concen: 36.740 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

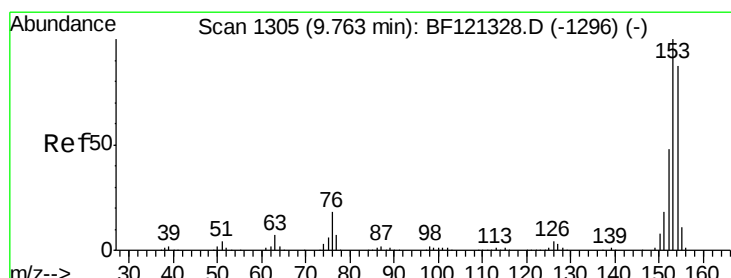
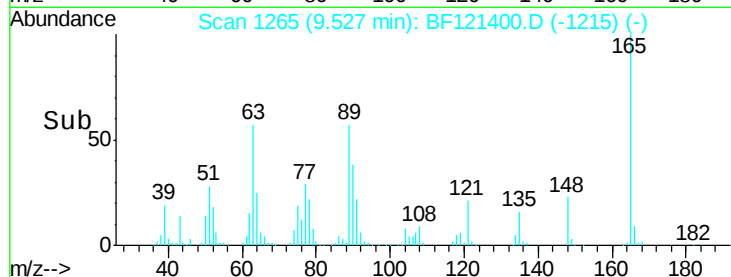
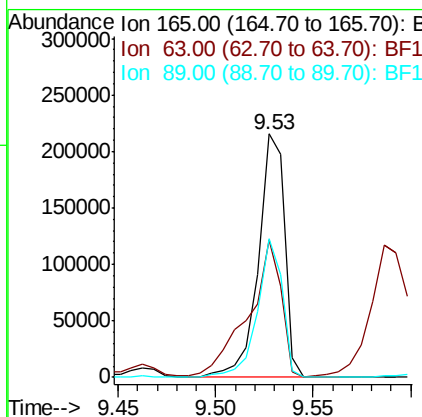
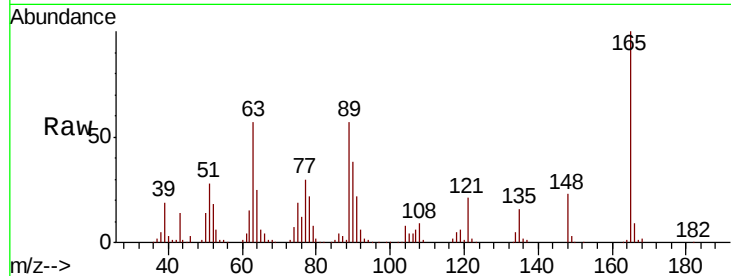
ClientSampleId :

PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201768		
63	56.5	36.1	54.1#	
89	57.1	39.4	59.2	

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#52

Acenaphthene

Concen: 34.885 ng

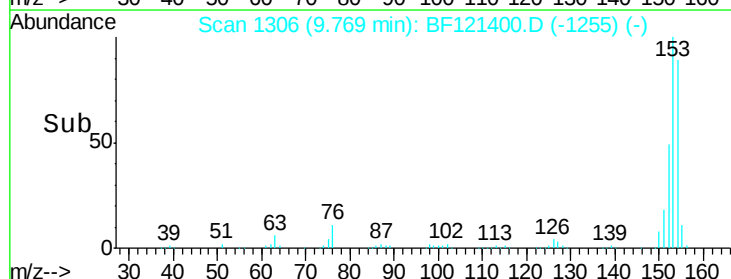
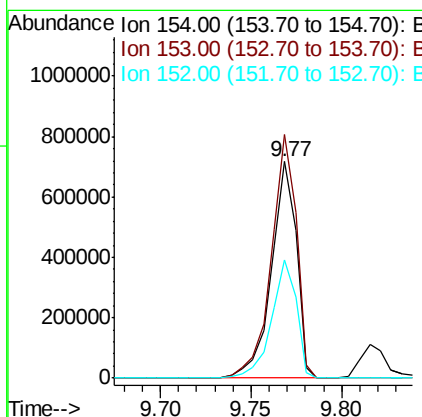
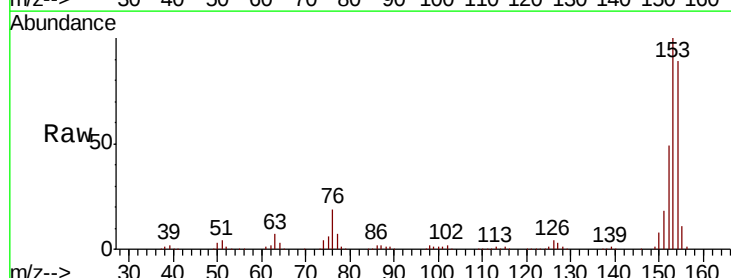
RT: 9.77 min Scan# 1306

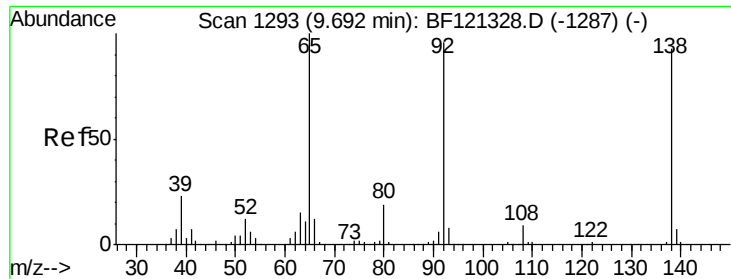
Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	687137		
153	112.5	89.1	133.7	
152	54.6	43.2	64.8	





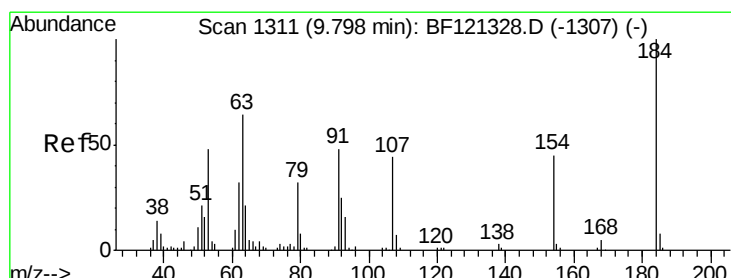
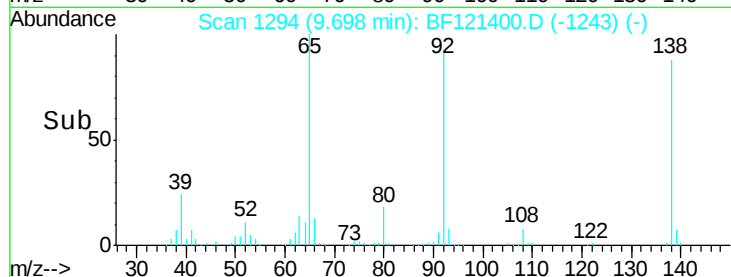
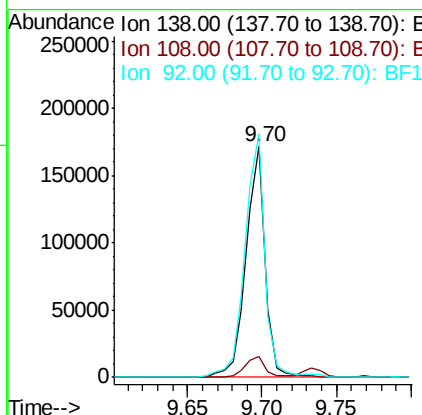
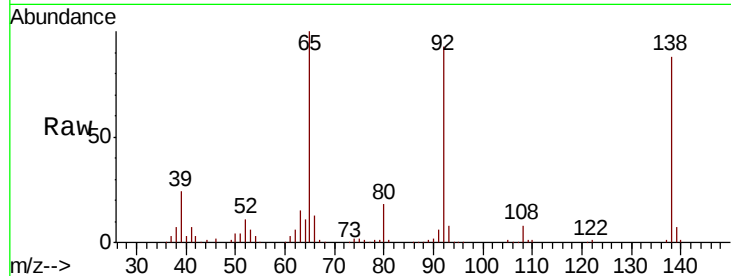
#53
 3-Nitroaniline
 Concen: 22.195 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.9	11.9
92	105.6	87.2	130.8

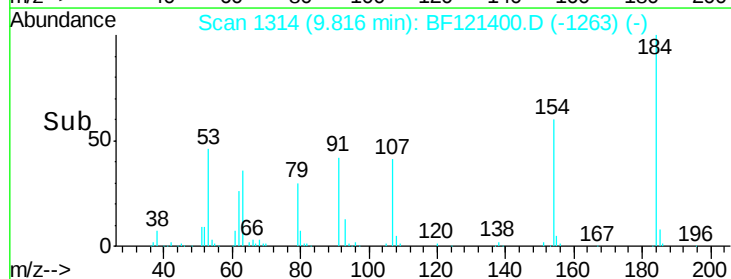
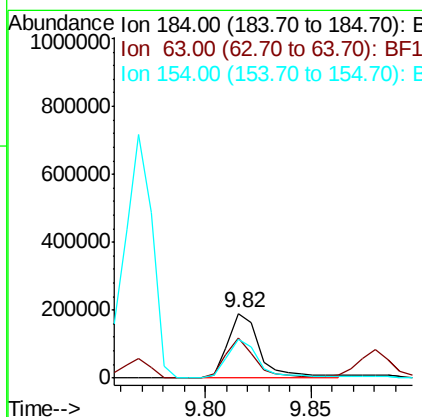
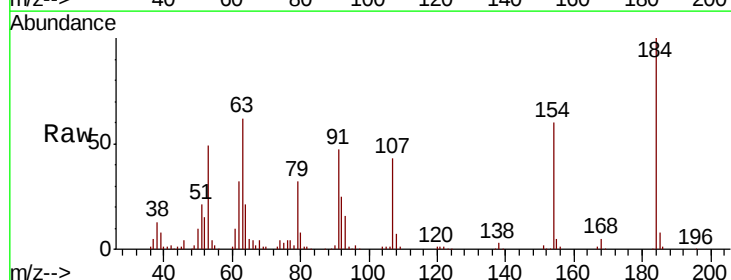
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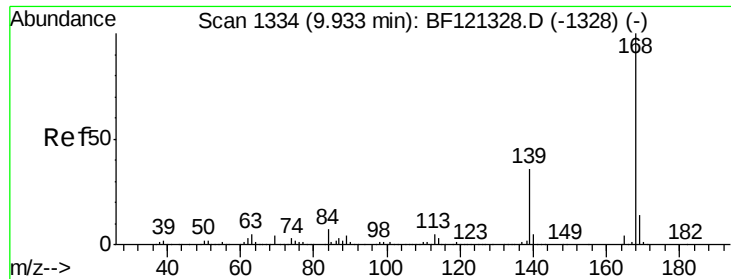
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#54
 2,4-Dinitrophenol
 Concen: 76.066 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	48.2	72.2
154	59.5	47.7	71.5





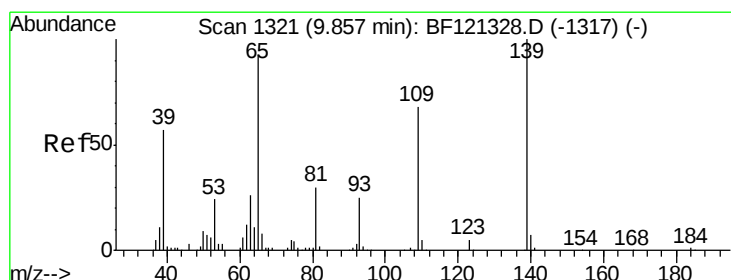
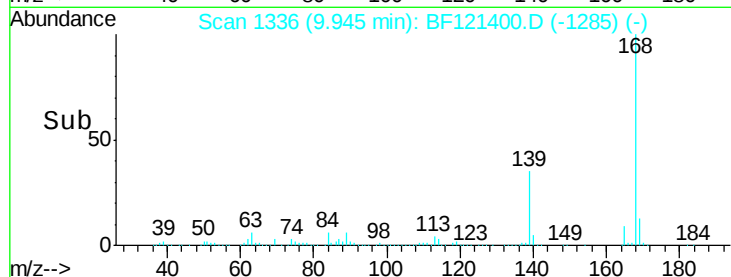
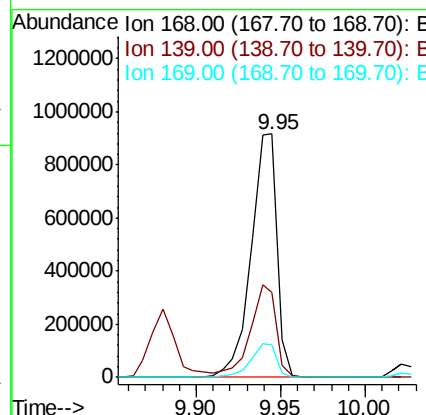
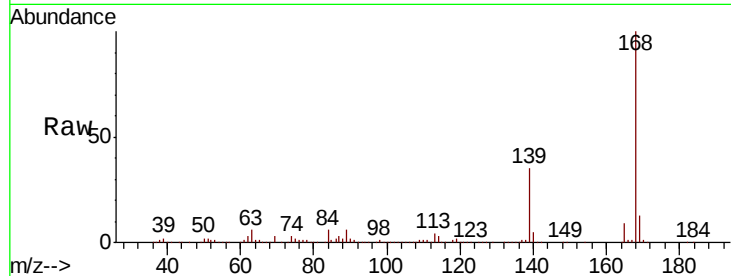
#55
Dibenzofuran
Concen: 38.508 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.2	42.4
169	13.1	10.6	16.0

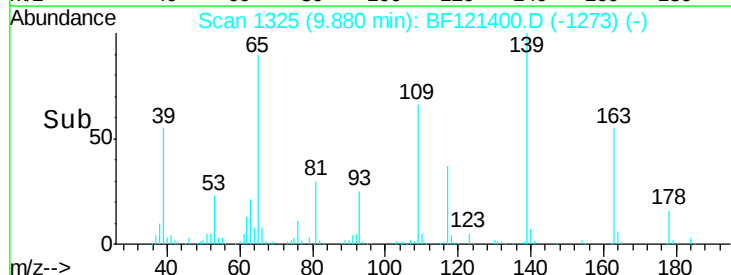
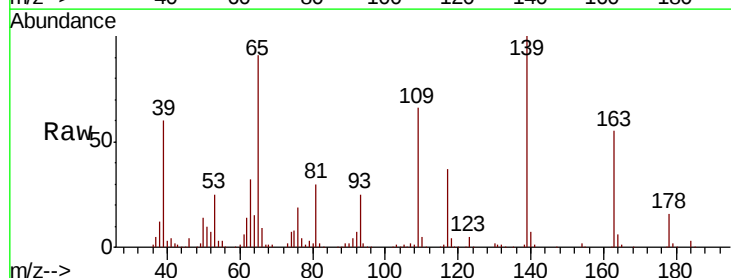
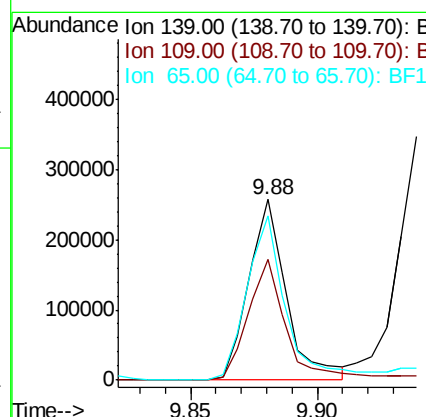
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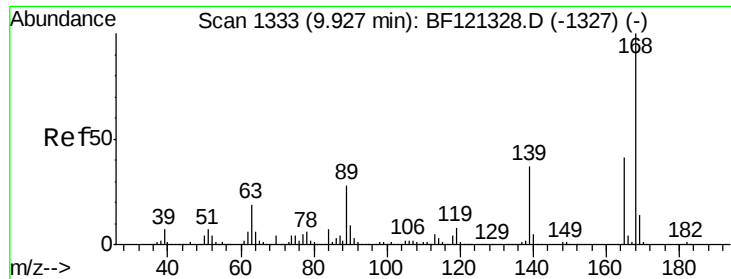
mohammad
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#56
4-Nitrophenol
Concen: 63.097 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	46.1	86.1
65	90.7	71.1	111.1





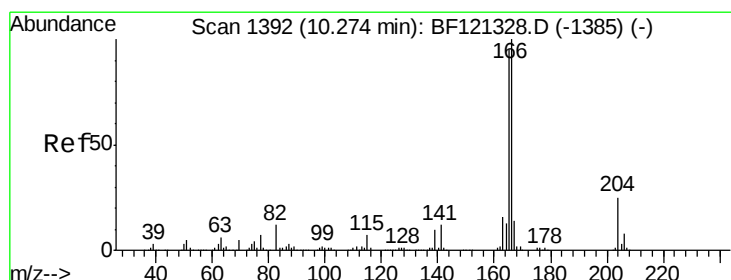
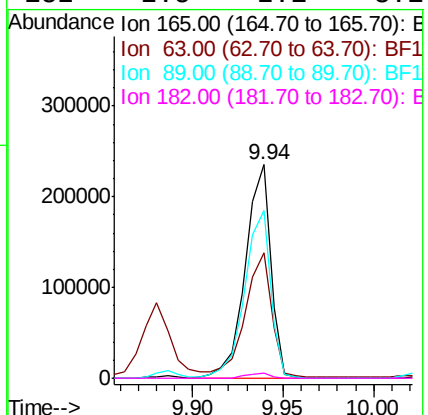
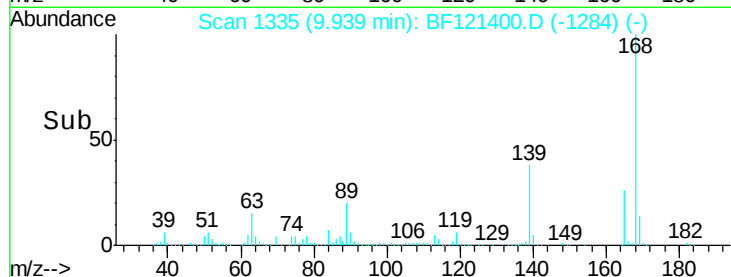
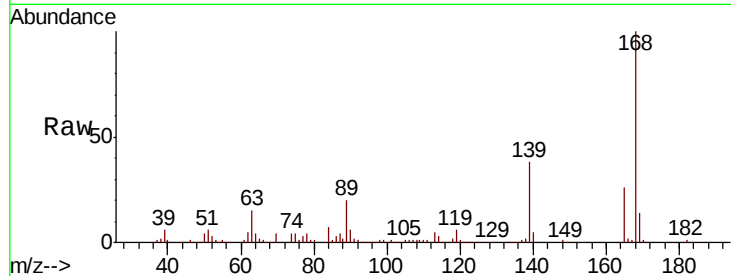
#57
2,4-Dinitrotoluene
Concen: 34.387 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	45.0	67.6	
89	78.2	60.2	90.2	
182	2.5	2.1	3.1	

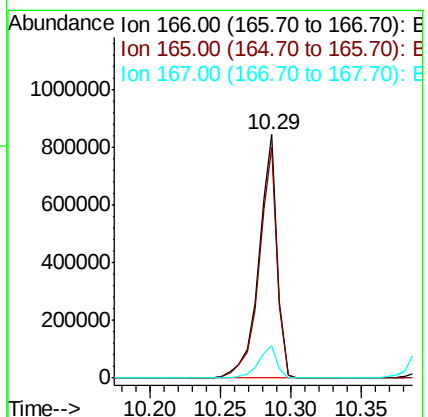
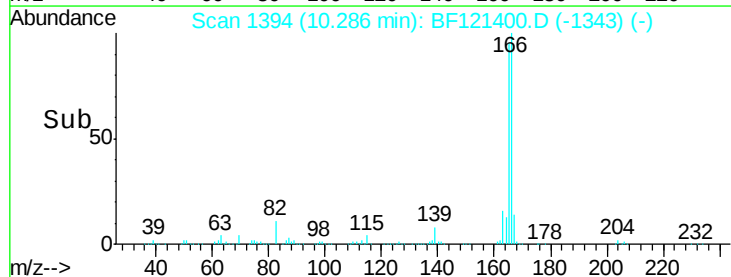
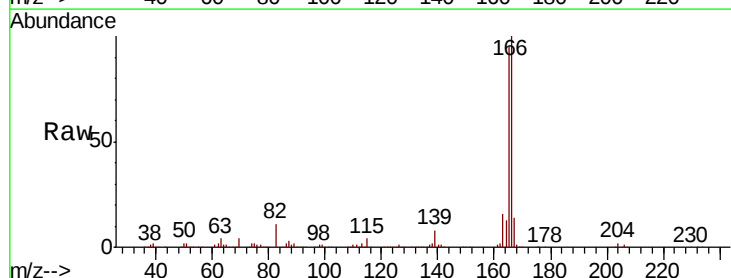
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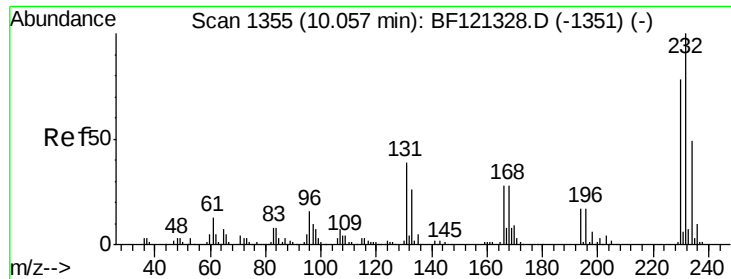
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#58
Fluorene
Concen: 41.023 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.9	75.0	112.6	
167	13.5	10.8	16.2	





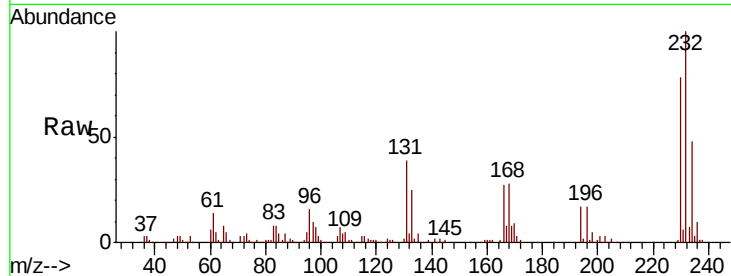
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.337 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

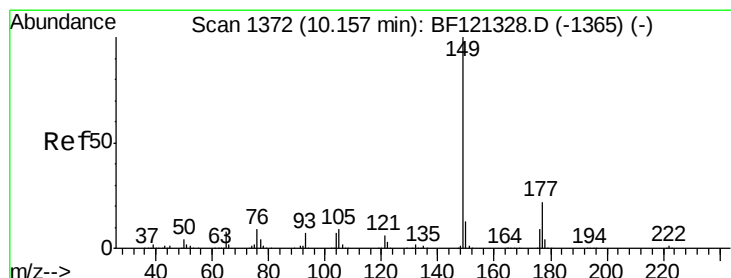
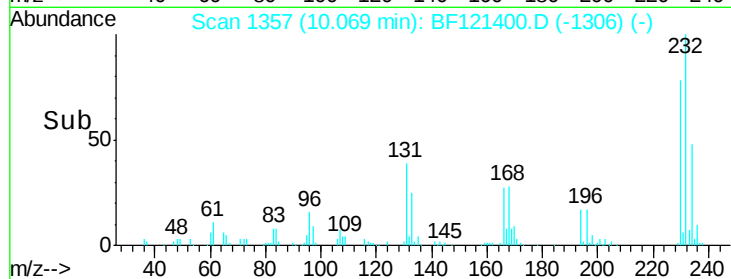
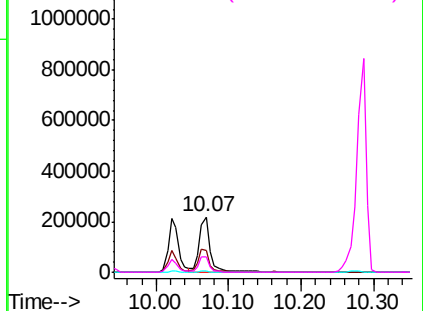
Tot Ion	Ratio	Resp	Lower	Upper
232	100	235502		
131	40.9		32.5	48.7
130	2.0		1.5	2.3
166	26.9		21.8	32.8

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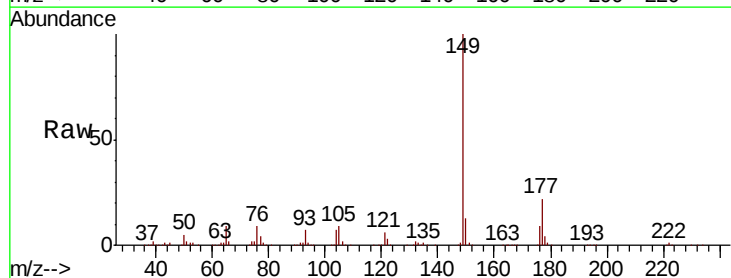


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

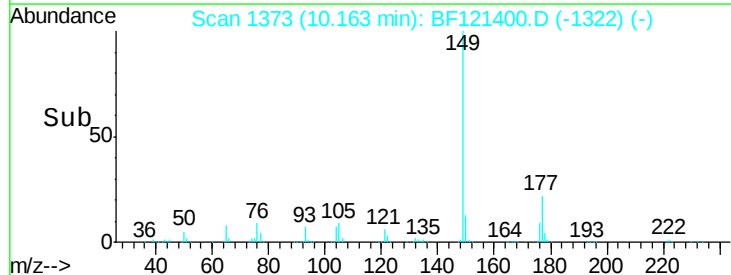
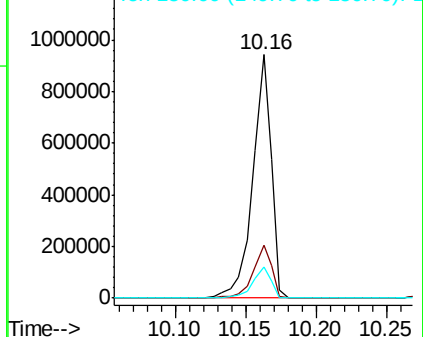


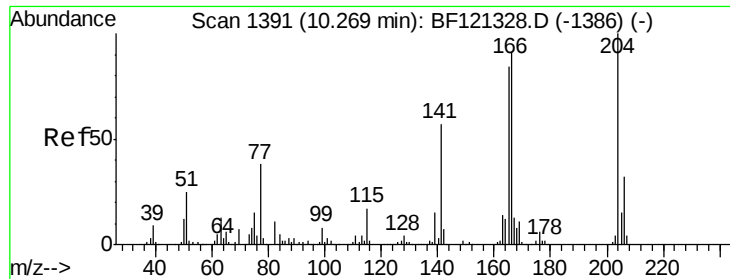
#60
 Diethylphthalate
 Concen: 34.554 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	867654		
177	21.9		17.8	26.6
150	12.7		10.0	15.0



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





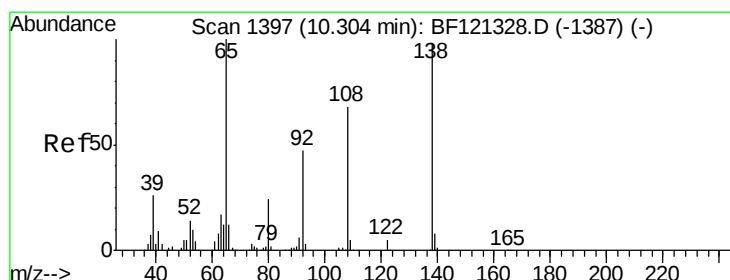
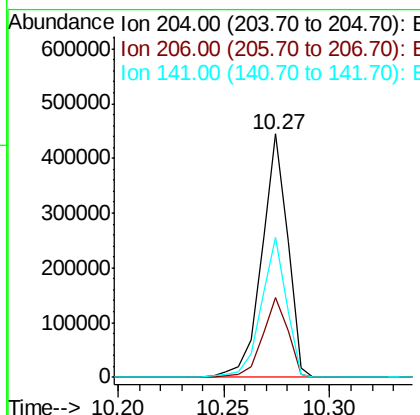
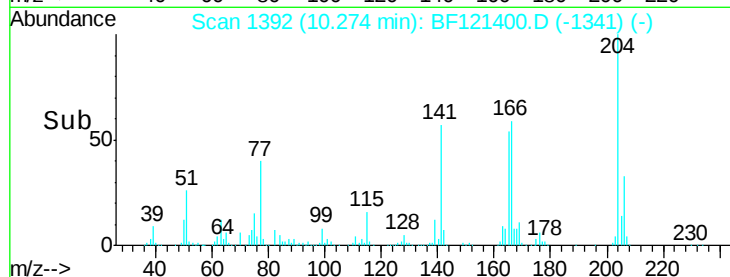
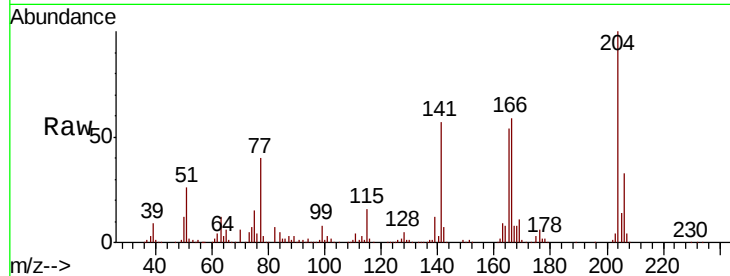
#61
4-Chlorophenyl-phenylether
Concen: 39.726 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.4
141	57.5	46.2	69.4

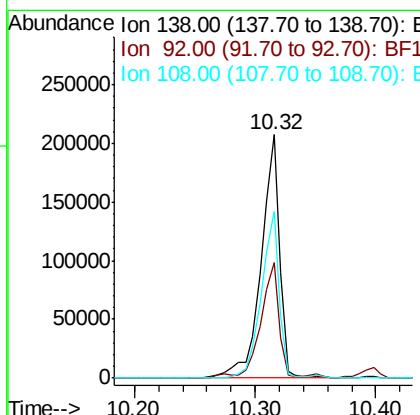
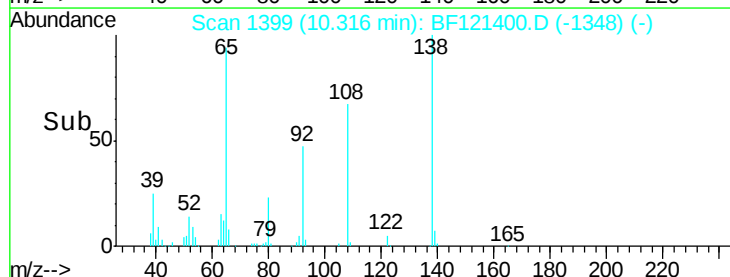
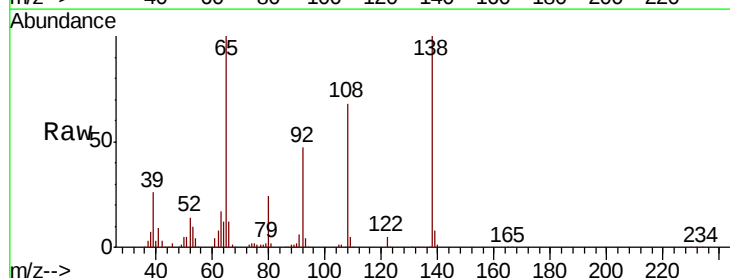
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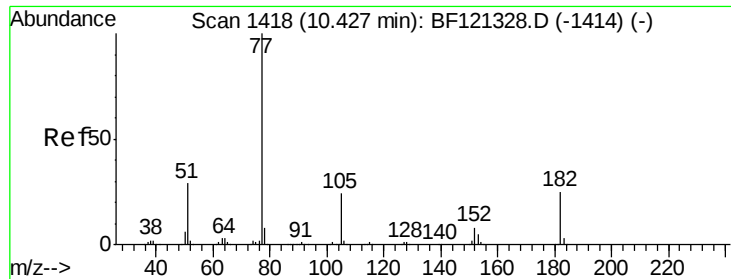
mohammad
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#62
4-Nitroaniline
Concen: 31.744 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	26.6	66.6
108	68.5	48.9	88.9





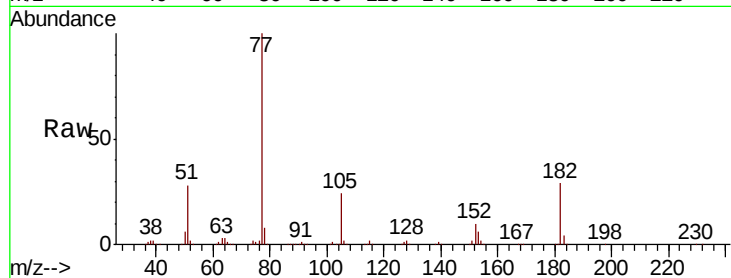
#63
Azobenzene
Concen: 35.231 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	24.3	3.8	43.8
51	28.2	8.0	48.0

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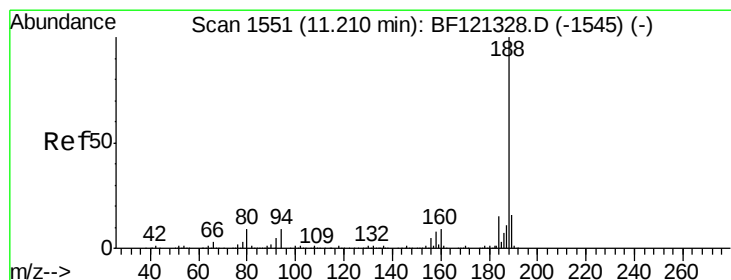
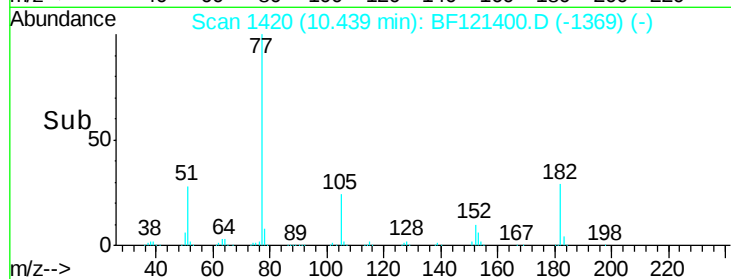
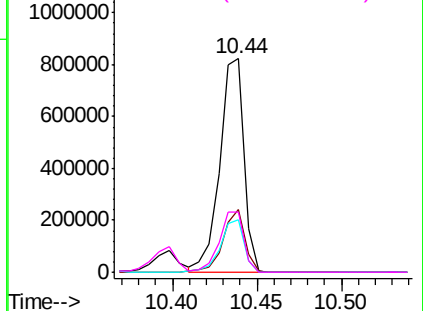
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

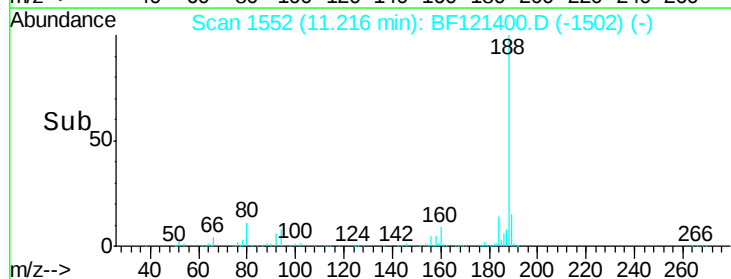
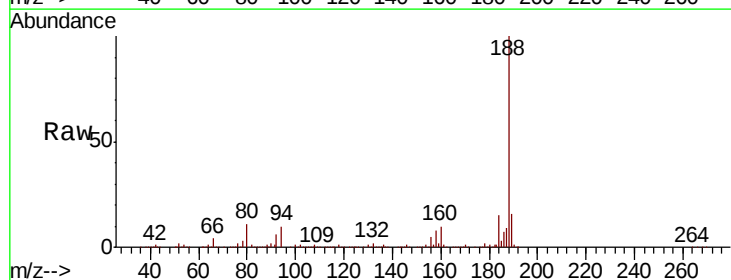
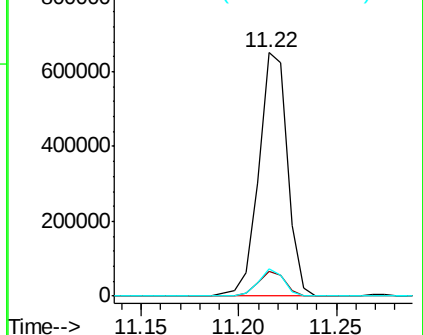
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.1	10.7
80	11.0	7.1	10.7#

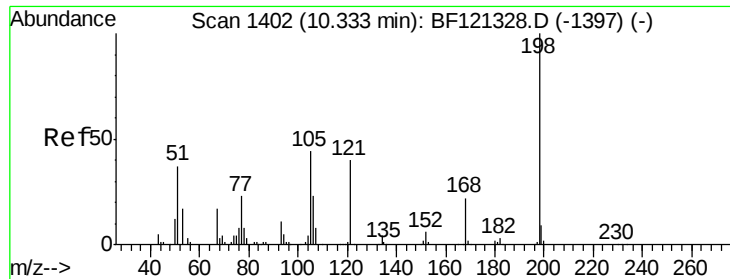
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





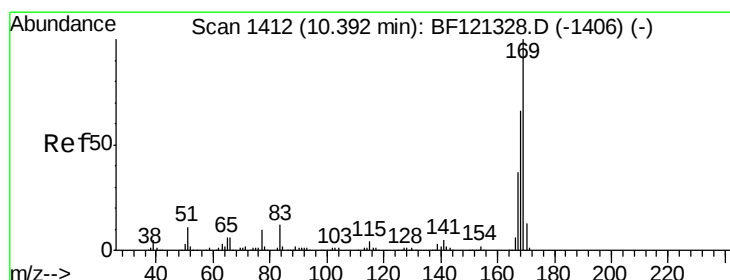
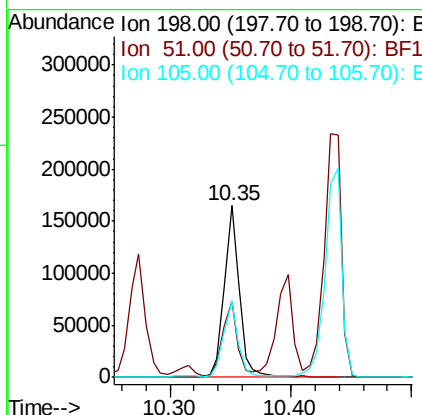
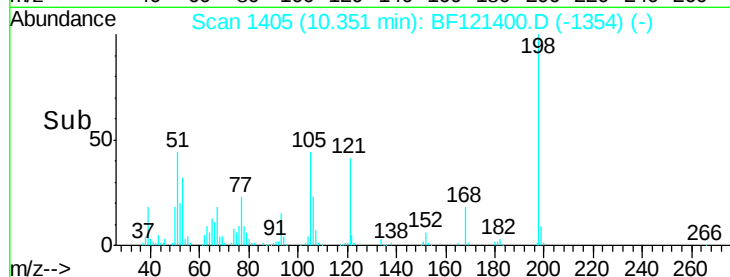
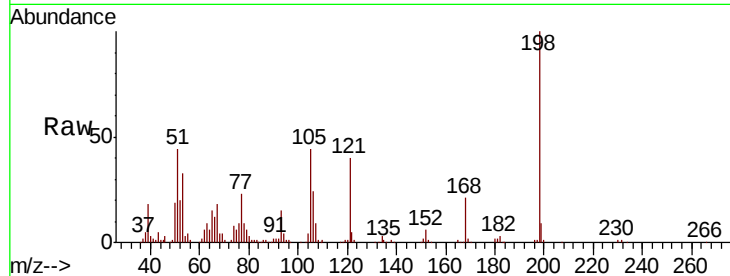
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.597 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	144494		
51	44.0	23.9	63.9	
105	43.9	24.8	64.8	

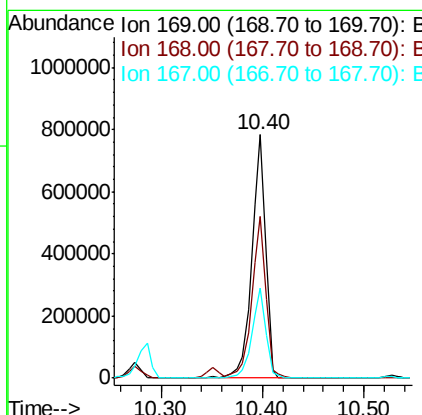
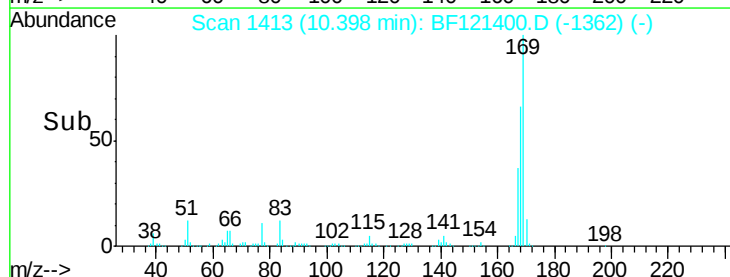
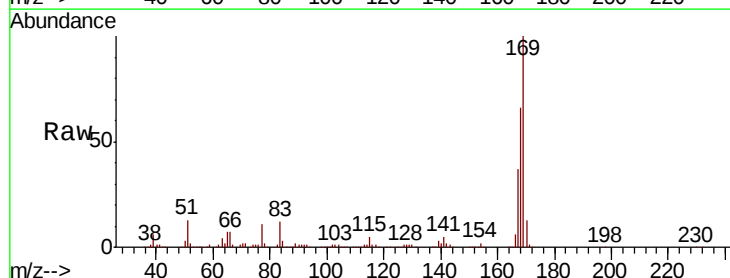
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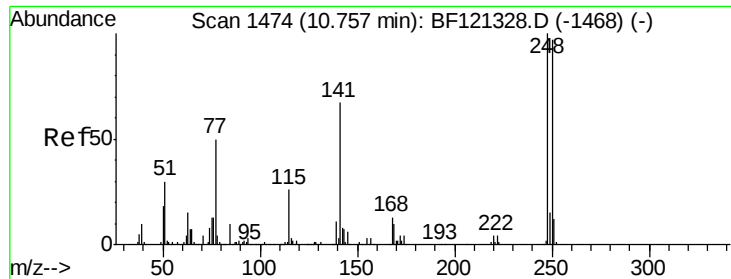
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#66
 n-Nitrosodiphenylamine
 Concen: 36.045 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	739959		
168	66.4	53.9	80.9	
167	37.1	29.9	44.9	





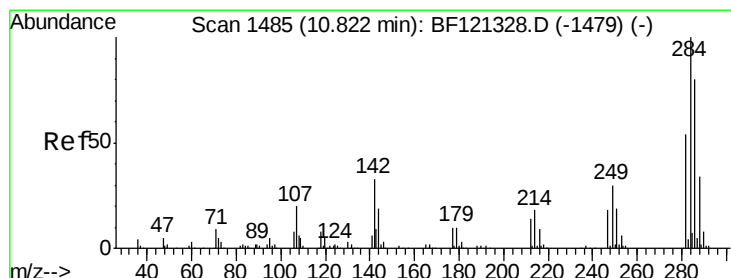
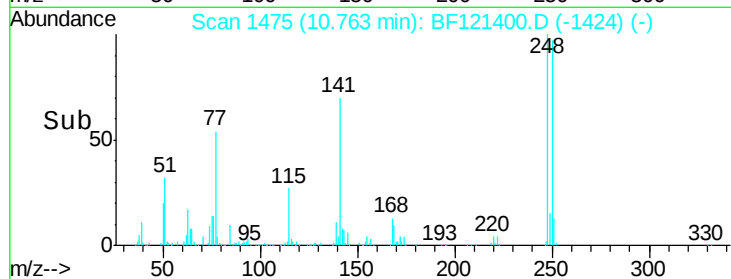
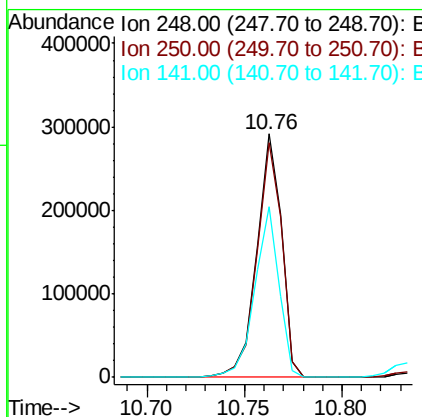
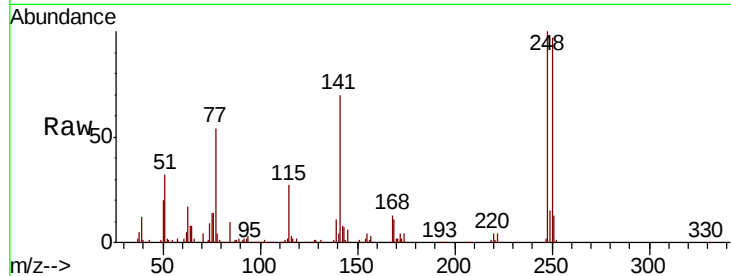
#67
4-Bromophenyl-phenylether
Concen: 34.737 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	70.0	57.4	86.2

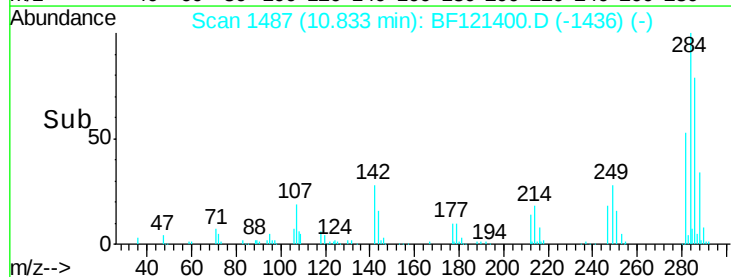
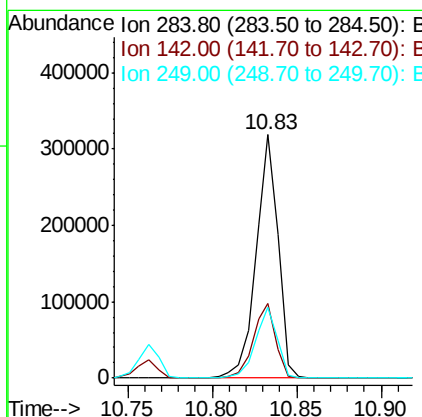
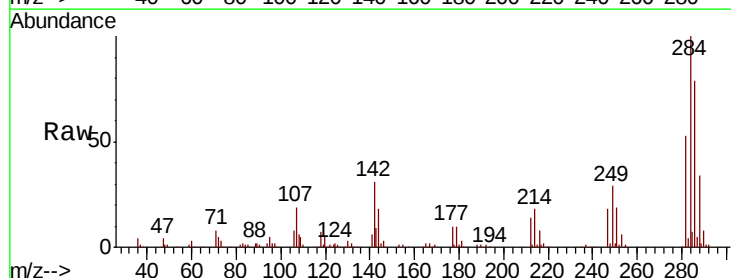
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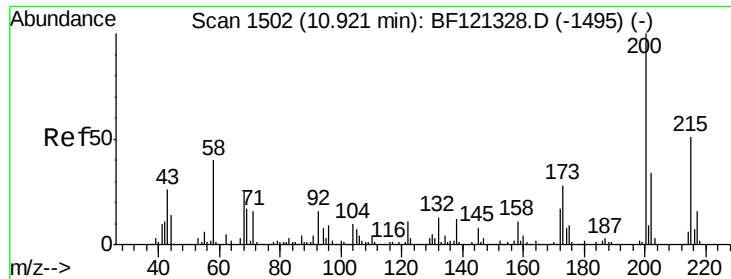
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#68
Hexachlorobenzene
Concen: 33.990 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.5	39.7
249	29.0	23.7	35.5





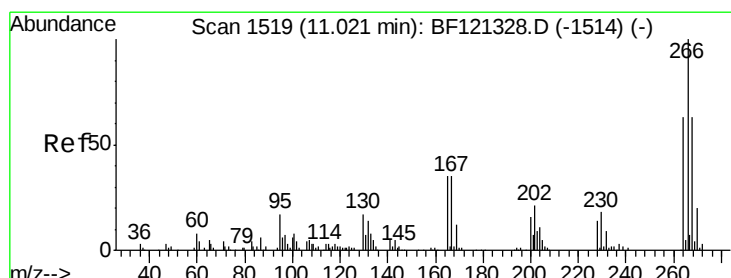
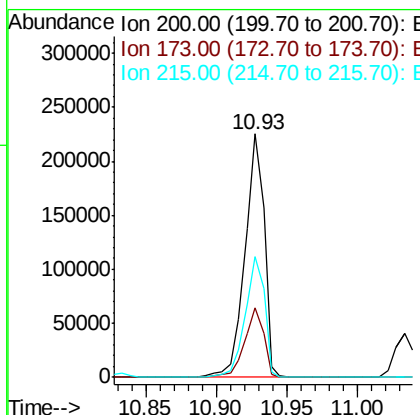
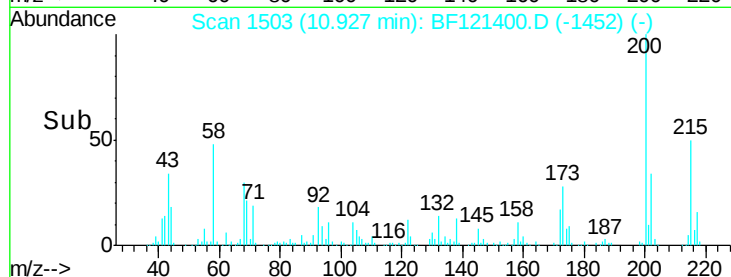
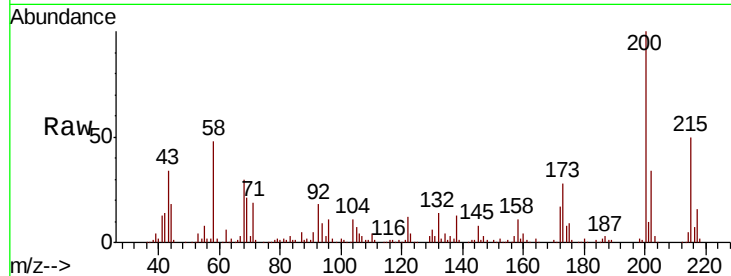
#69
Atrazine
Concen: 33.854 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.5	48.5
215	49.6	30.3	70.3

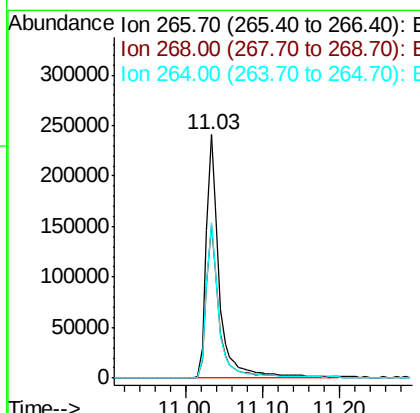
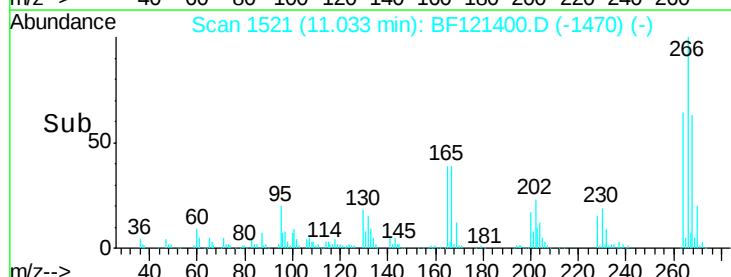
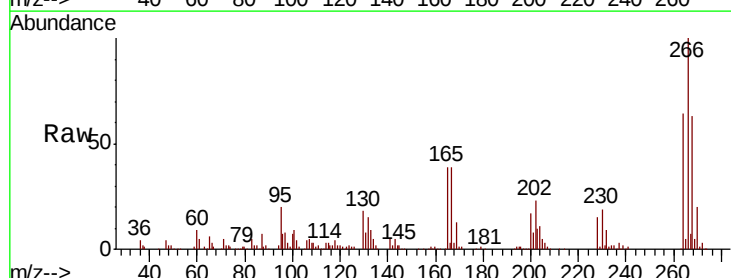
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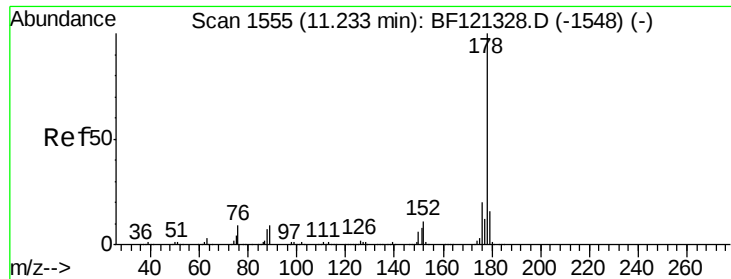
mohammad
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#70
Pentachlorophenol
Concen: 75.943 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.3	75.5
264	63.7	50.3	75.5





#71

Phenanthrene

Concen: 33.683 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion:178 Resp: 1160196

Ion Ratio Lower Upper

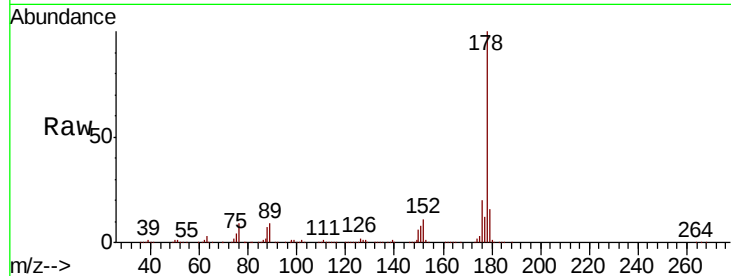
178 100

176 20.2 16.2 24.4

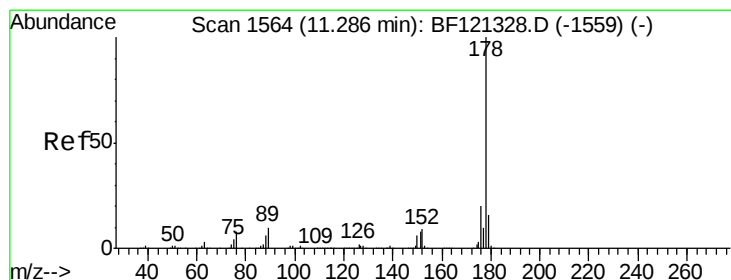
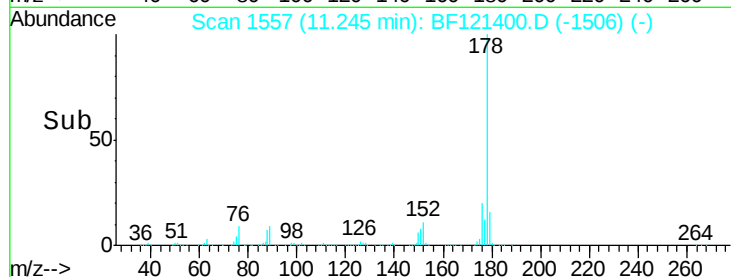
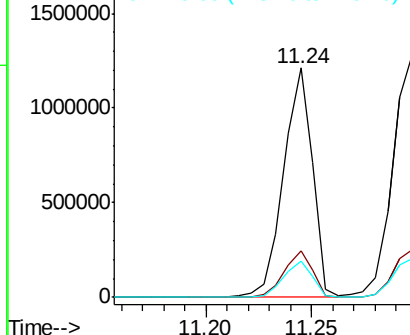
179 16.0 12.7 19.1

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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: 35.983 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:178 Resp: 1193529

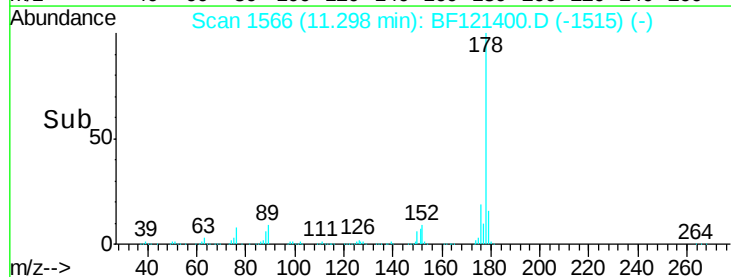
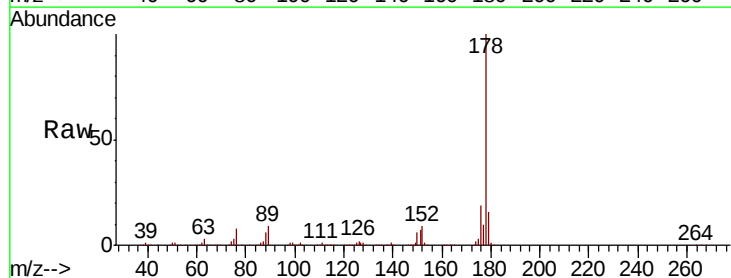
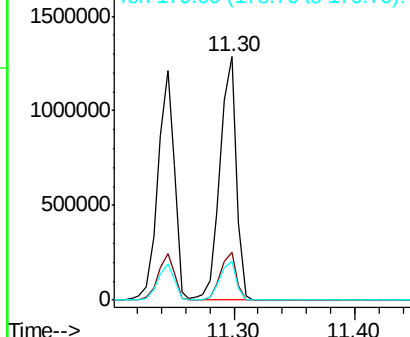
Ion Ratio Lower Upper

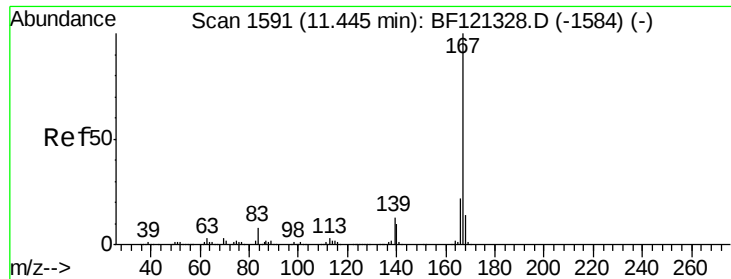
178 100

176 19.5 15.6 23.4

179 15.9 12.6 18.8

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





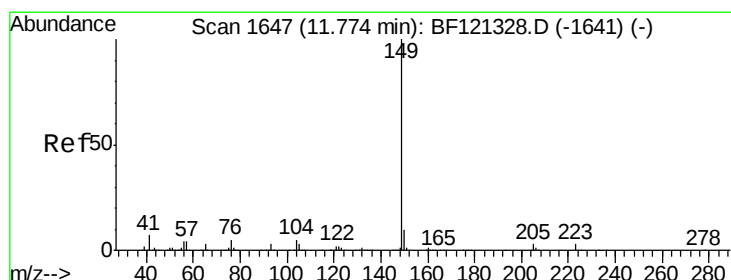
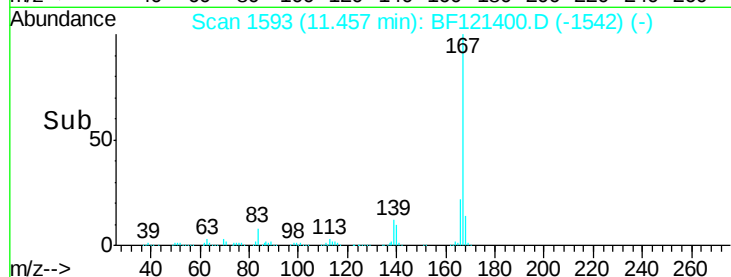
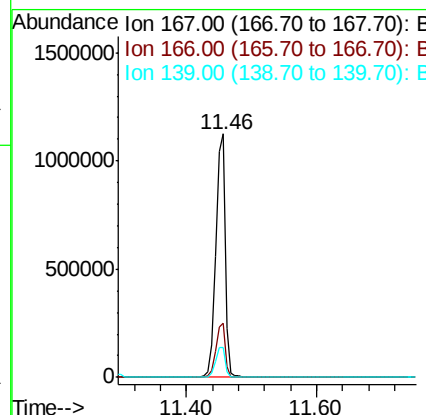
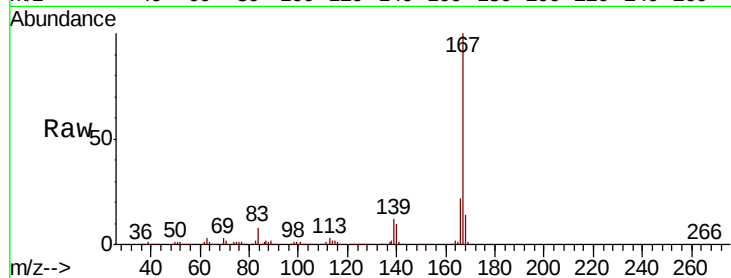
#73
 Carbazole
 Concen: 35.714 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	12.3	9.8	14.8

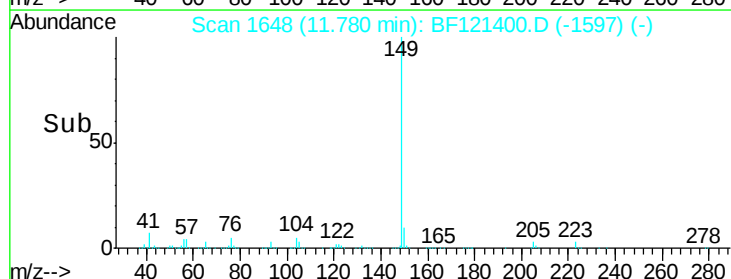
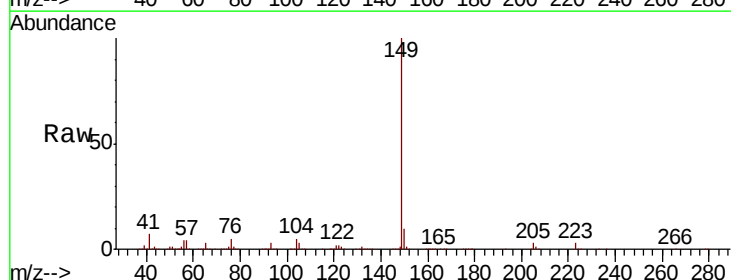
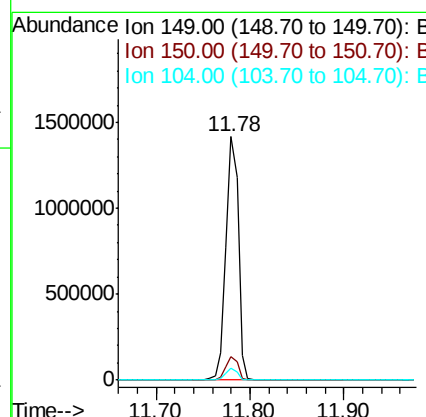
Manual Integrations
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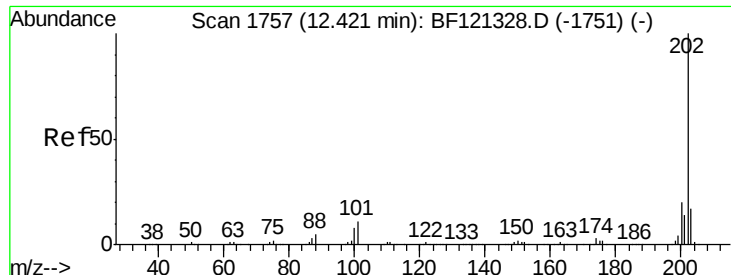
mohammad
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#74
 Di-n-butylphthalate
 Concen: 34.380 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.9	3.9	5.9





#75

Fluoranthene

Concen: 34.099 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

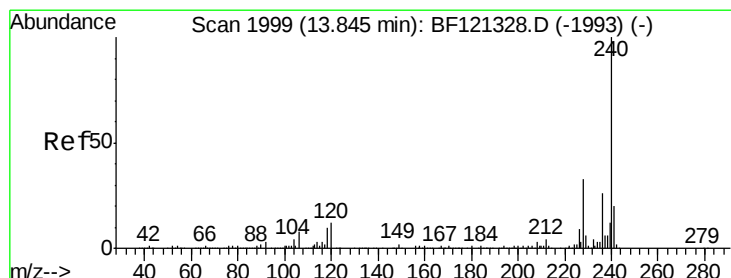
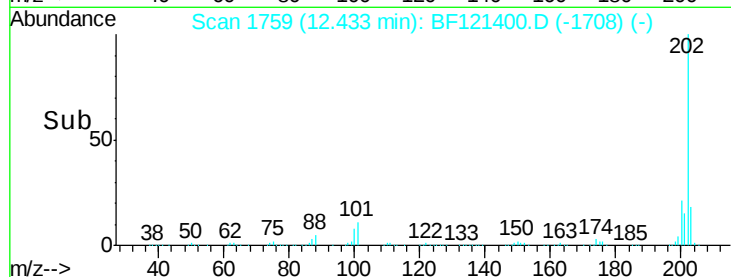
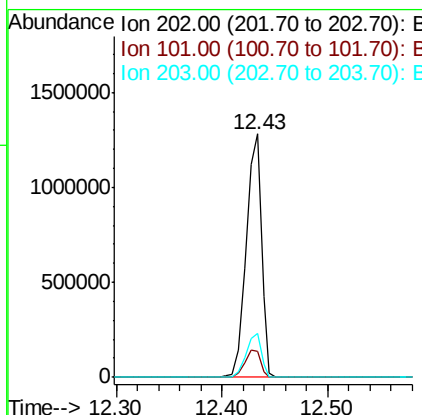
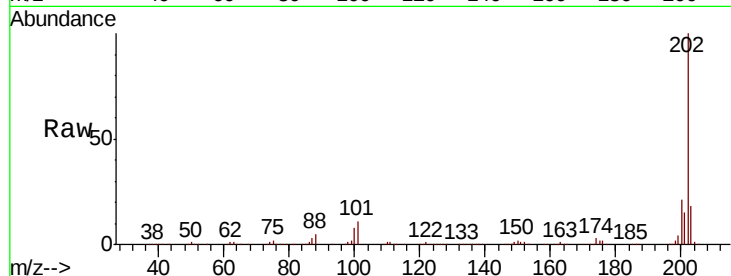
ClientSampleId :

PB131155BS

Tot Ion:	202	Resp:	1274846
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.0
203	17.8	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

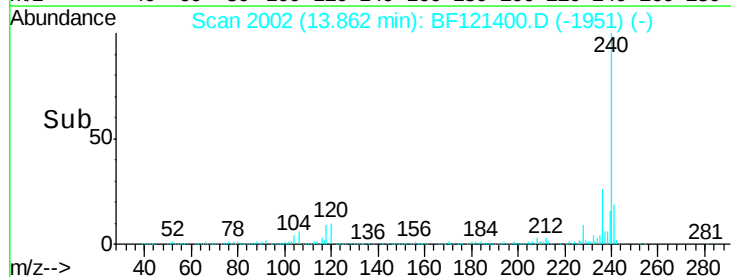
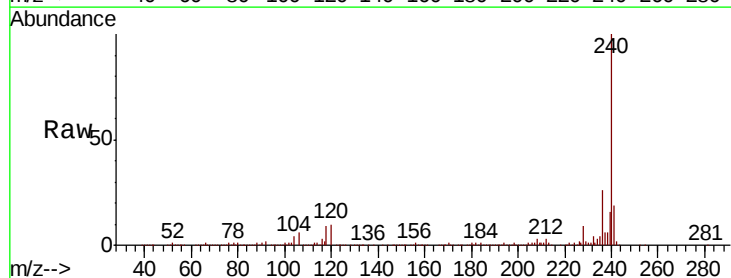
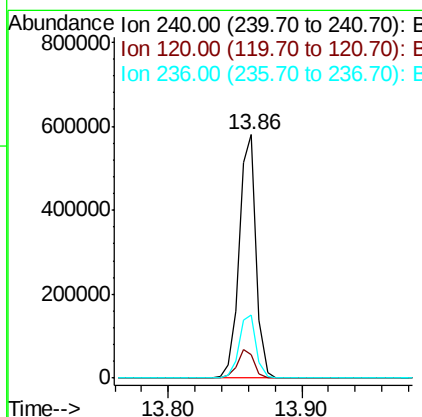
RT: 13.86 min Scan# 2002

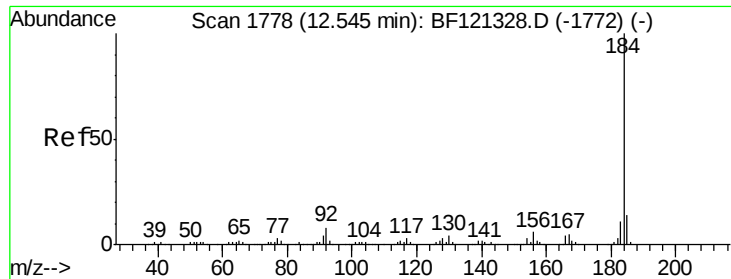
Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:	240	Resp:	509547
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.7	13.1
236	26.2	21.0	31.4





#77

Benzidine

Concen: 52.321 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

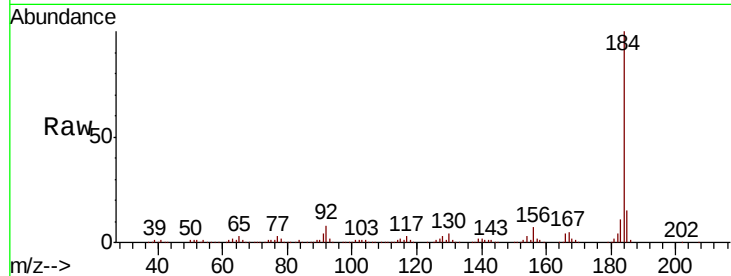
ClientSampleId :

PB131155BS

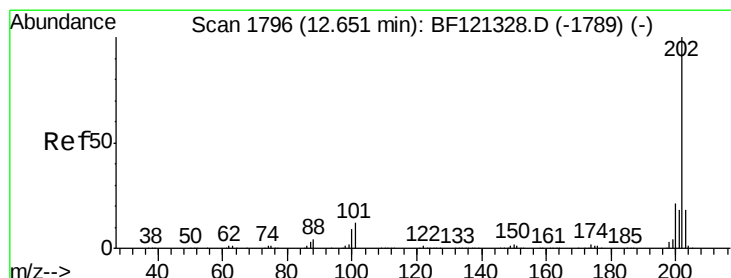
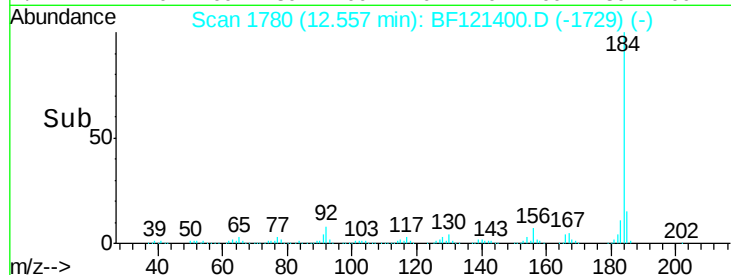
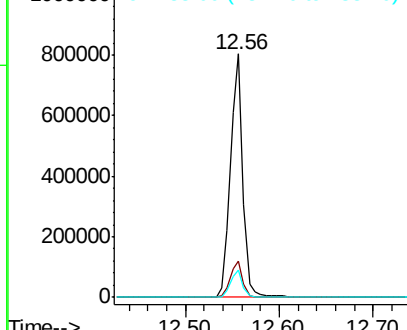
Tot Ion:	184	Resp:	734503
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.3	16.9
183	11.1	9.0	13.4

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



#78

Pyrene

Concen: 34.007 ng

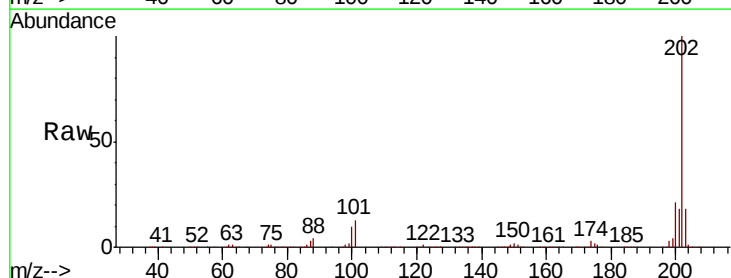
RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

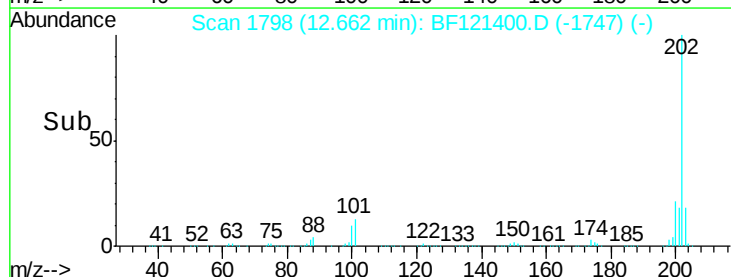
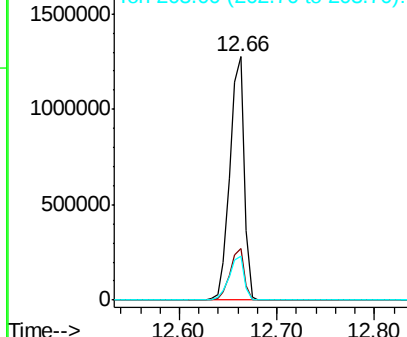
Lab File: BF121400.D

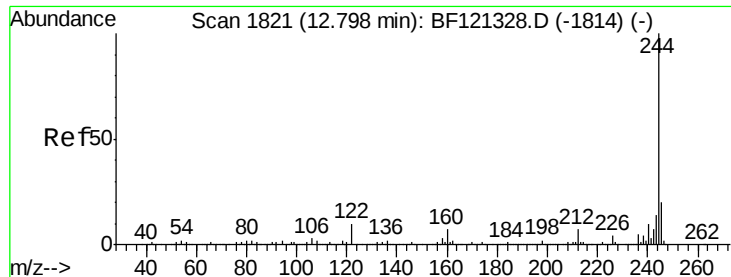
Acq: 24 Aug 2020 15:27

Tgt Ion:	202	Resp:	1301621
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.6	25.0
203	18.0	14.1	21.1



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





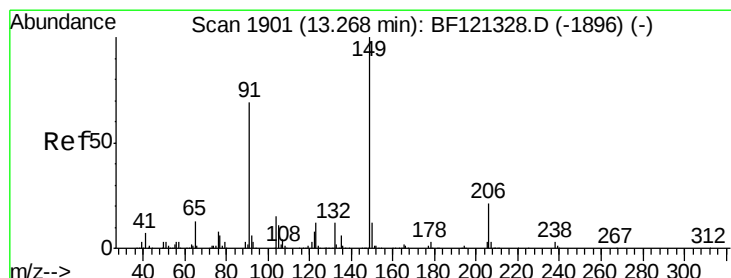
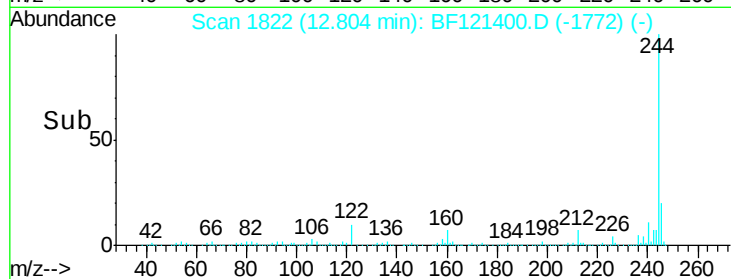
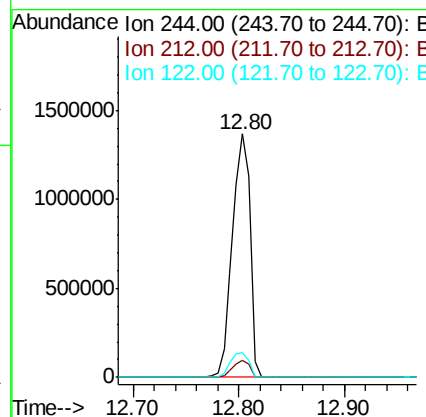
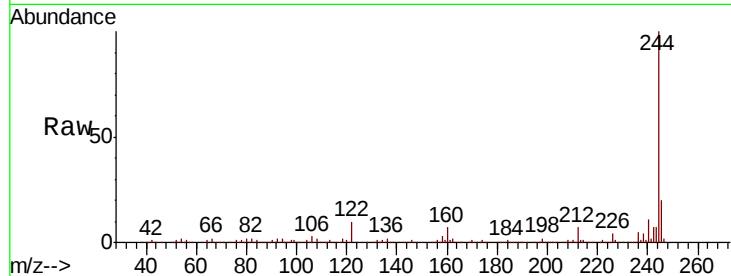
#79
 Terphenyl-d14
 Concen: 60.393 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion:244 Resp: 1574758
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.3 7.7 11.5

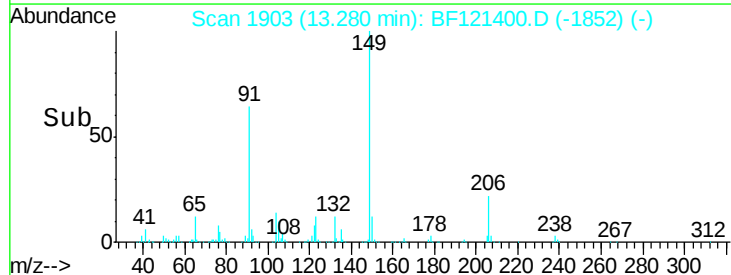
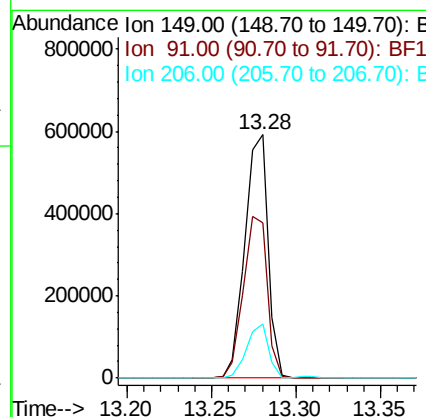
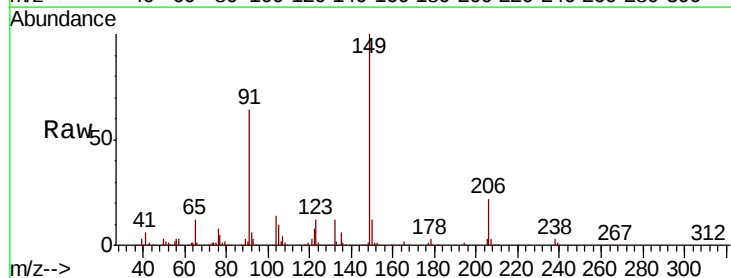
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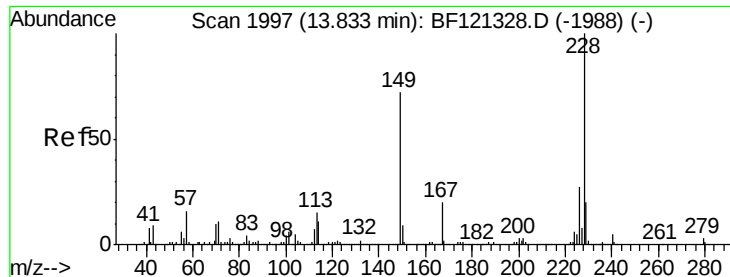
mohammad
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#80
 Butylbenzylphthalate
 Concen: 34.640 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:149 Resp: 569715
 Ion Ratio Lower Upper
 149 100
 91 64.0 52.2 78.4
 206 22.1 17.8 26.6





#81

Benzo(a)anthracene

Concen: 34.207 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion:228 Resp: 1082598

Ion Ratio Lower Upper

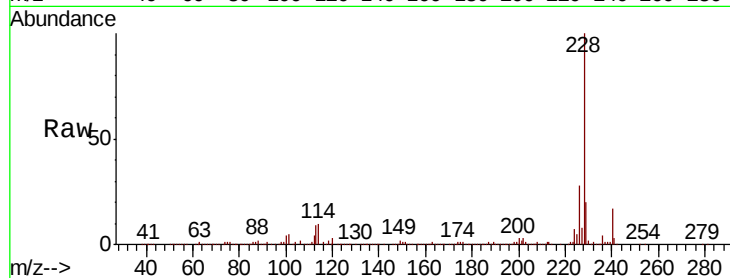
228 100

226 28.2 22.6 34.0

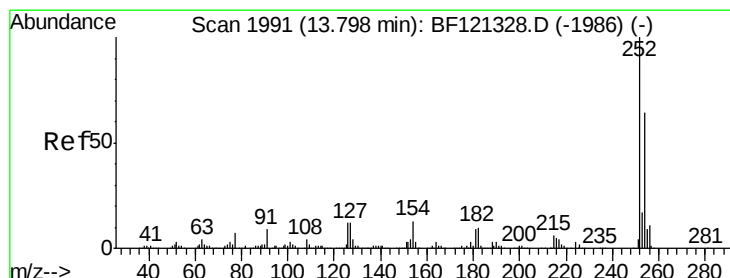
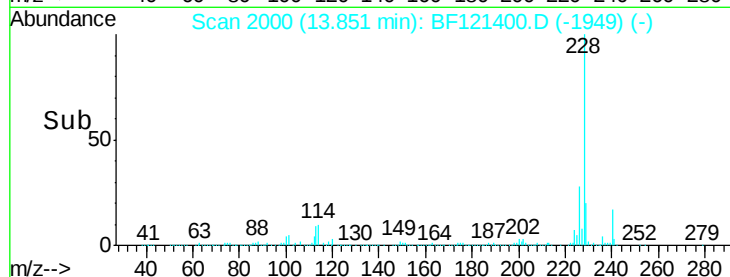
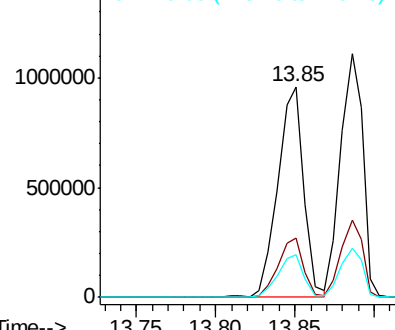
229 20.2 16.1 24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.225 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

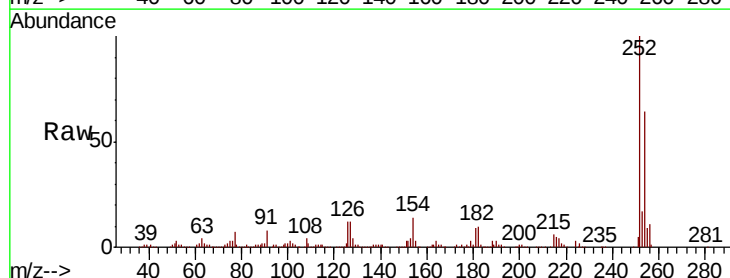
Tgt Ion:252 Resp: 330818

Ion Ratio Lower Upper

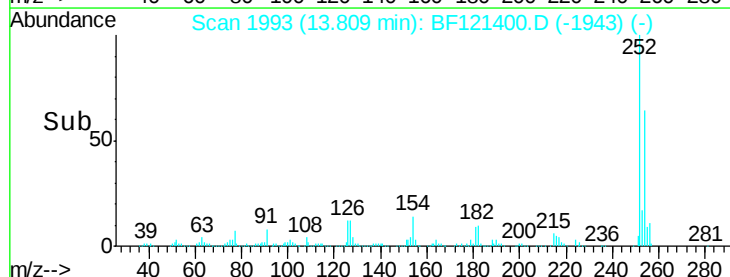
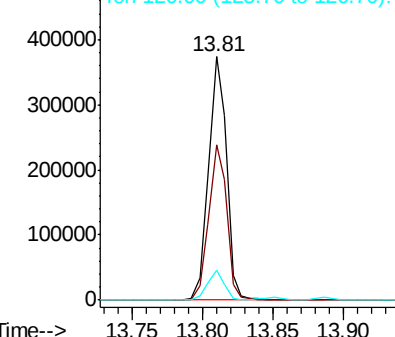
252 100

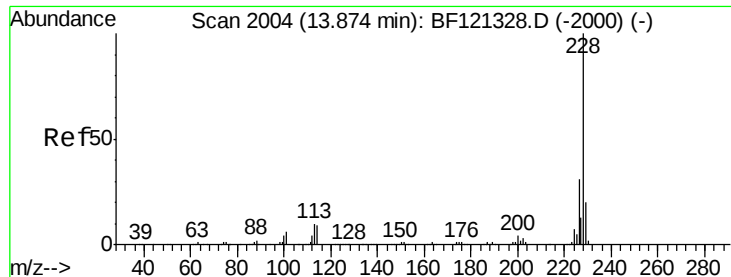
254 63.6 51.5 77.3

126 12.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
500000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 33.763 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

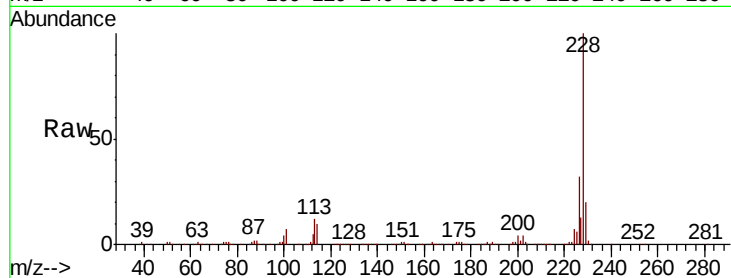
ClientSampled :

PB131155BS

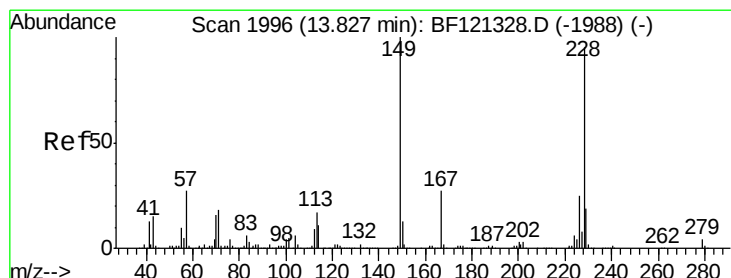
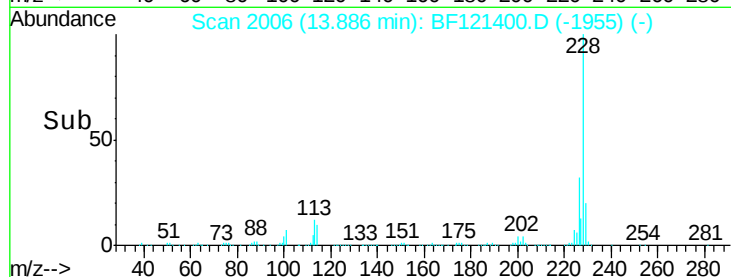
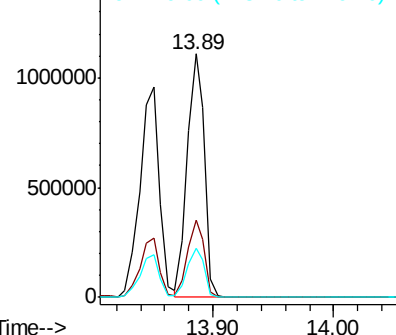
Tot Ion:228	Resp: 1092842
Ion Ratio	Lower Upper
228 100	
226 31.8	25.0 37.6
229 20.3	16.5 24.7

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.265 ng

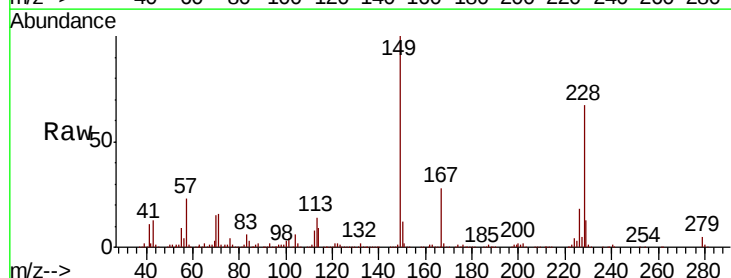
RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

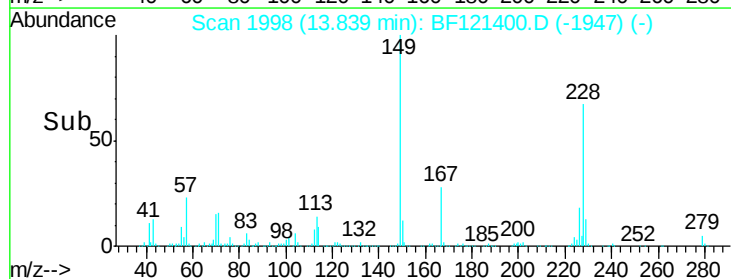
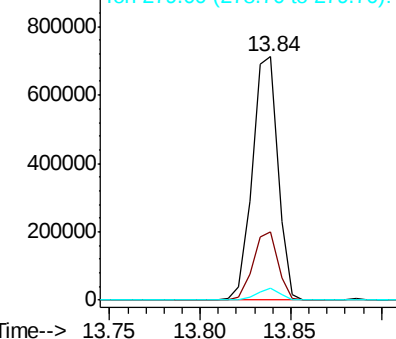
Lab File: BF121400.D

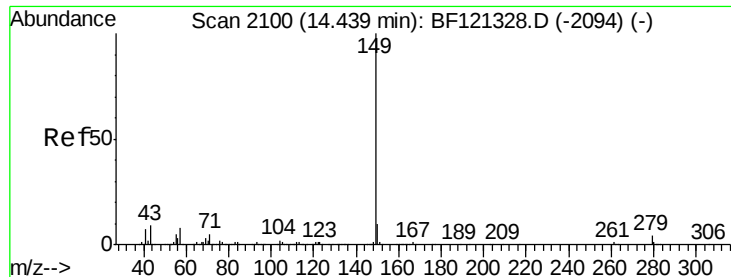
Acq: 24 Aug 2020 15:27

Tgt Ion:149	Resp: 701417
Ion Ratio	Lower Upper
149 100	
167 27.8	21.8 32.8
279 4.7	3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





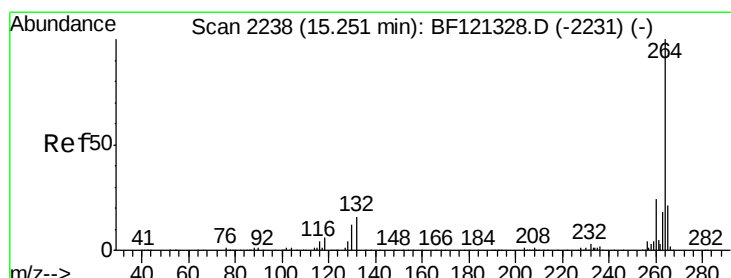
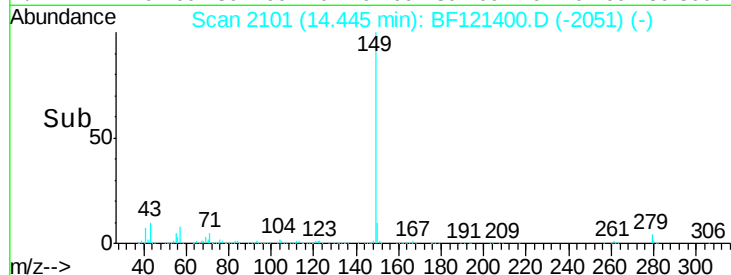
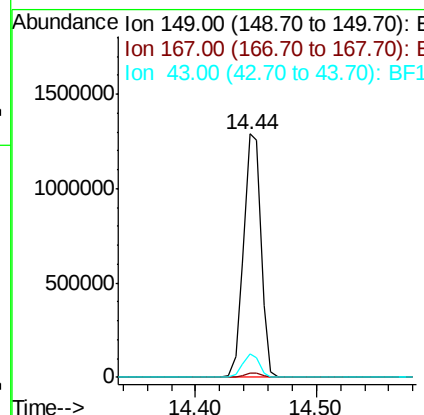
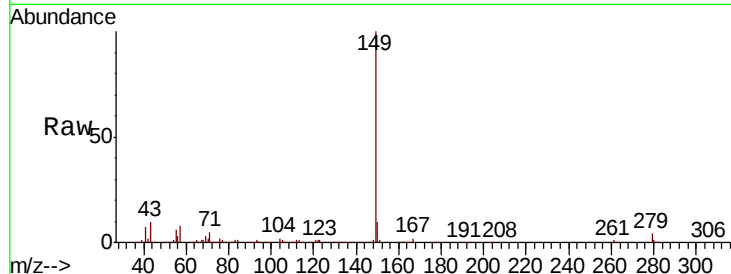
#85
Di-n-octyl phthalate
Concen: 36.462 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.4	11.0

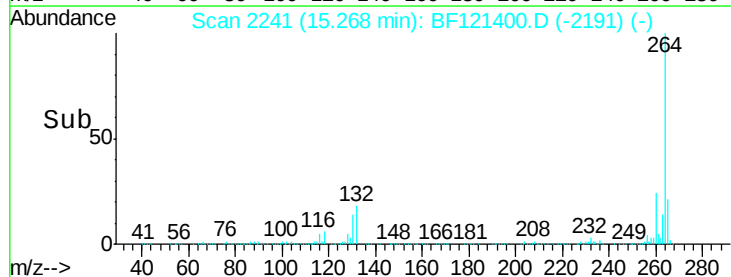
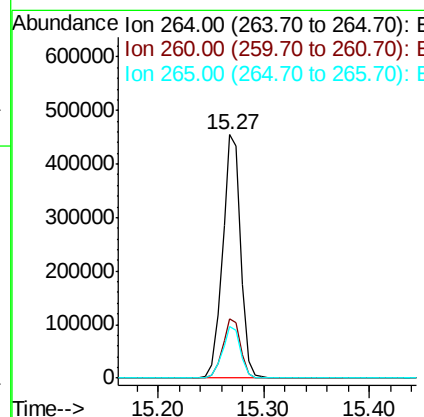
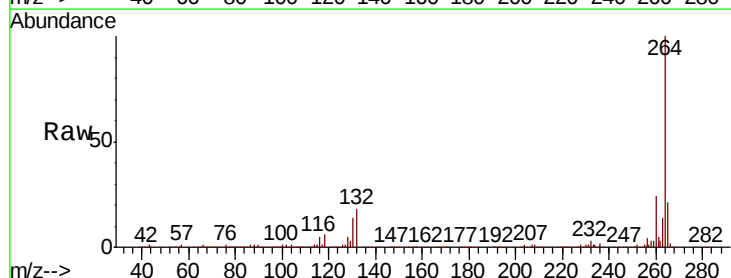
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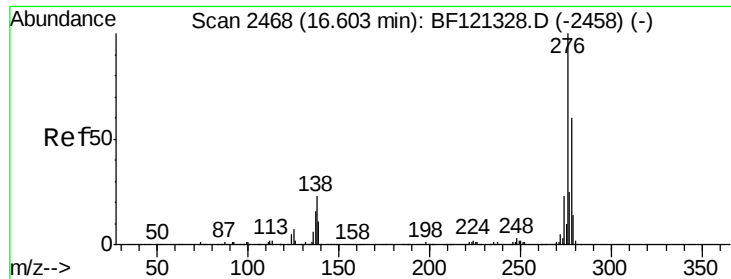
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.3	25.9





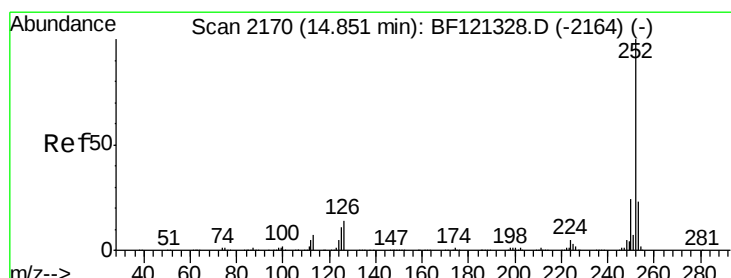
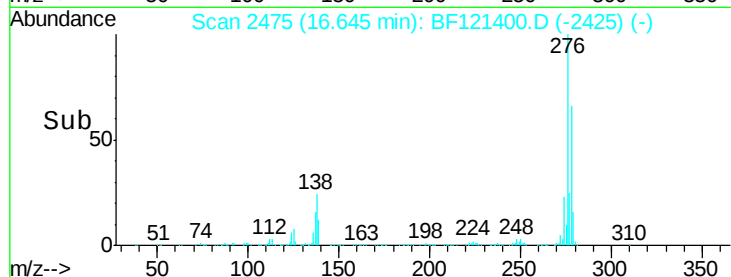
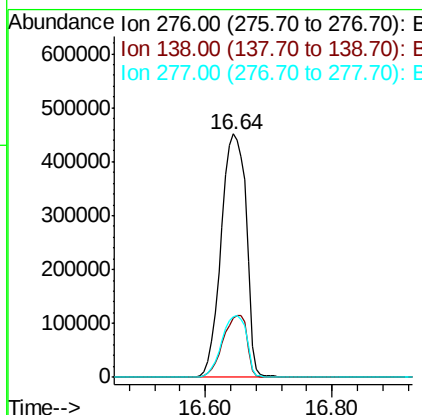
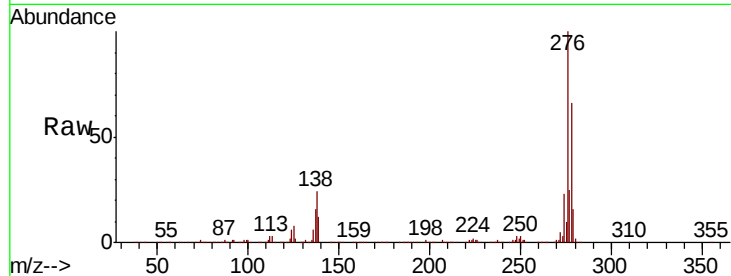
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.128 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.2	20.2	30.4

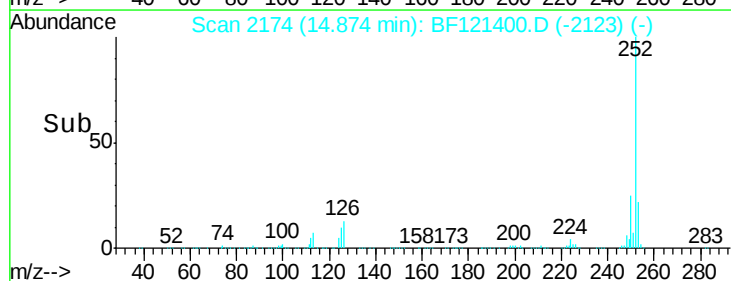
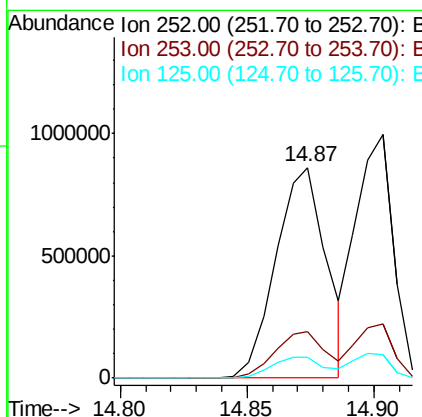
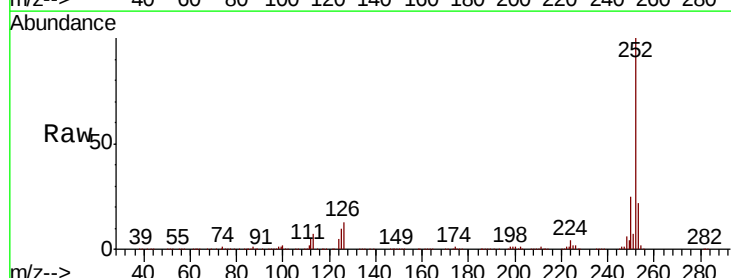
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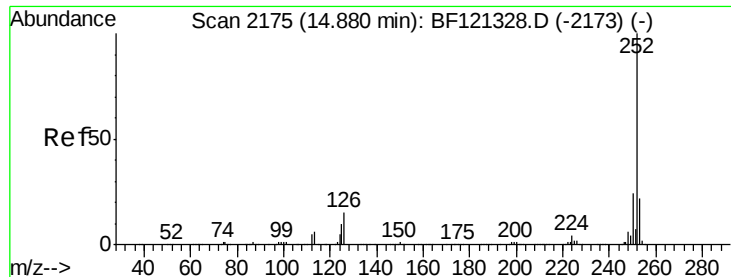
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 33.864 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.1	8.3	12.5





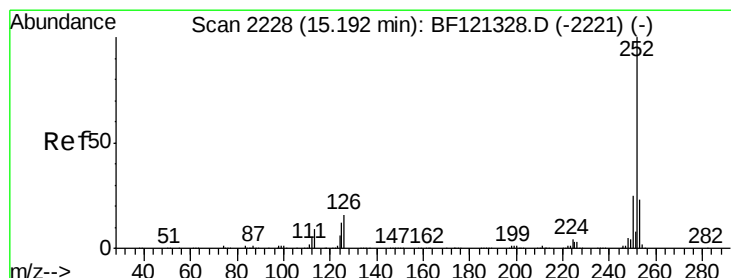
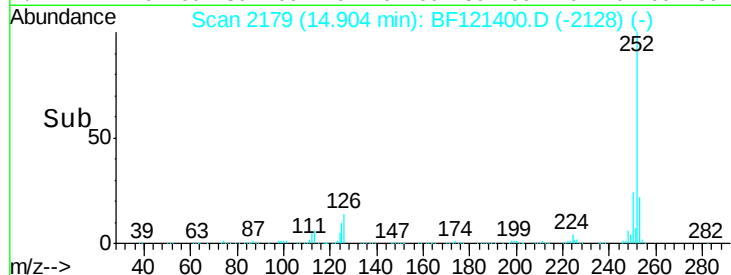
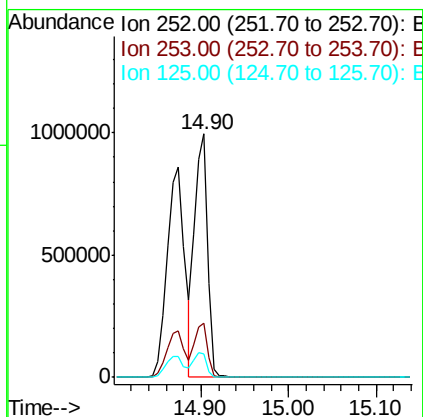
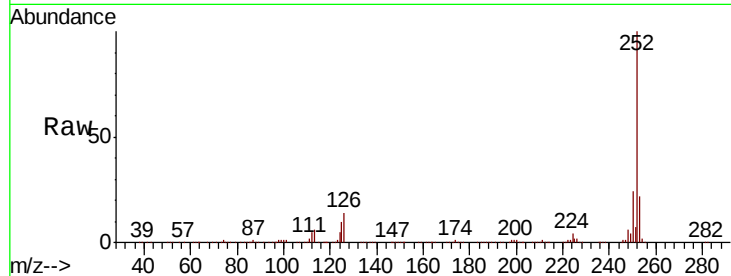
#89
Benzo(k)fluoranthene
Concen: 33.193 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.6	8.4	12.6

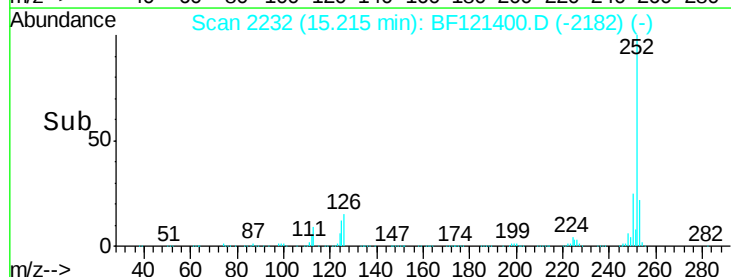
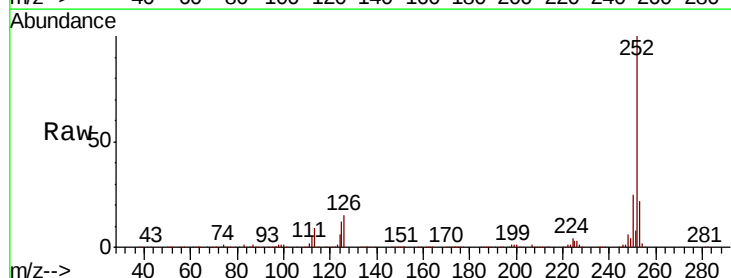
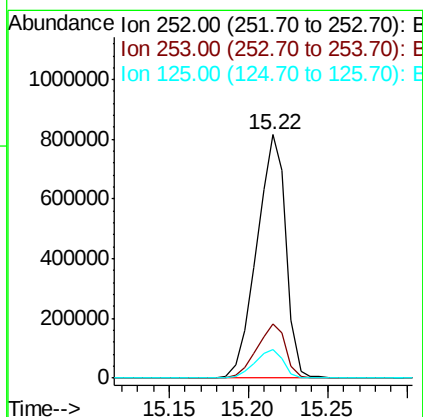
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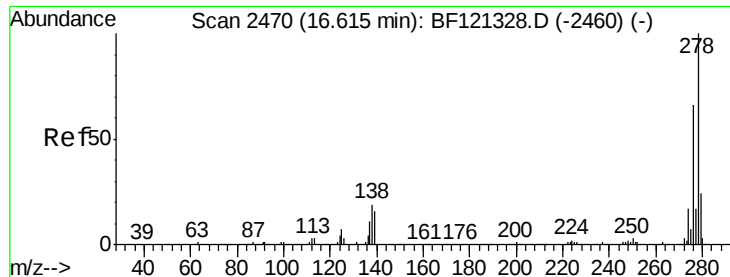
mohammad
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#90
Benzo(a)pyrene
Concen: 34.310 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.6	8.5	12.7





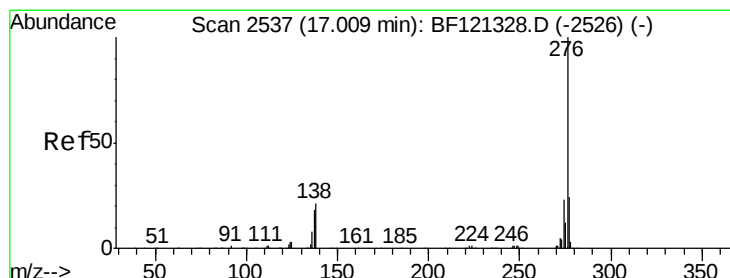
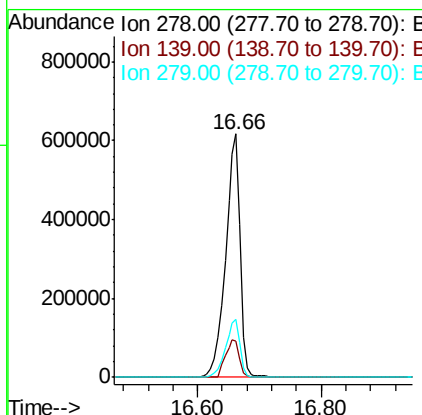
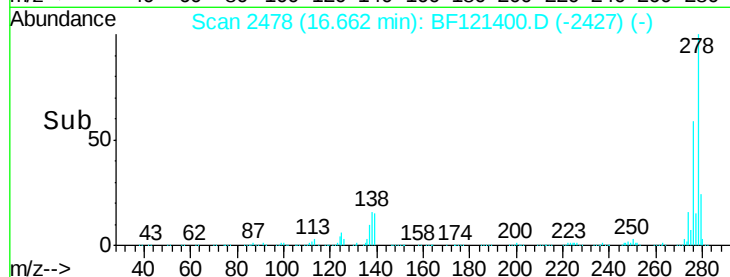
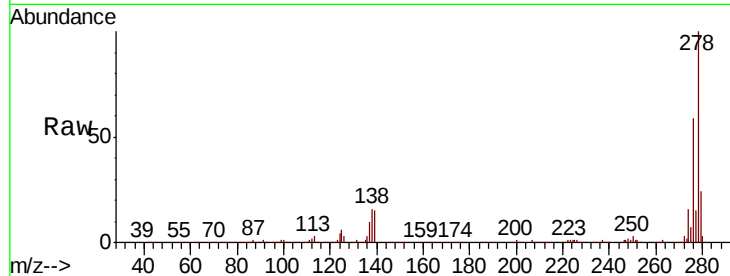
#91
Dibenzo(a,h)anthracene
Concen: 36.884 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.6
279	23.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
8/25/2020 4:19:06 PM



#92
Benzo(g,h,i)perylene
Concen: 39.542 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.1	17.3	25.9

