

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121399.D
 Acq On : 24 Aug 2020 14:56
 Operator : JU/CG
 Sample : PB131036BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Manual Integrations
 APPROVED

mohammad
 8/25/2020 4:19:04 PM

Quant Time: Aug 24 16:08:26 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	172435	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	675467	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	353208	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	662656	20.00	ng	0.00
76) Chrysene-d12	13.86	240	509595	20.00	ng	0.00
86) Perylene-d12	15.27	264	546613	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	987503	93.90	ng	0.02
7) Phenol-d6	6.35	99	1219579	90.85	ng	0.00
23) Nitrobenzene-d5	7.27	82	1050659	87.97	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	361206	87.76	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1747897	96.79	ng	0.00
79) Terphenyl-d14	12.80	244	1556680	59.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	185215	38.922	ng	99
3) Pyridine	3.17	79	410571	32.146	ng	99
4) n-Nitrosodimethylamine	3.13	42	208191	40.049	ng	99
6) Aniline	6.36	93	424214	27.366	ng	# 78
8) 2-Chlorophenol	6.49	128	429618	39.088	ng	99
9) Benzaldehyde	6.25	77	260448	34.486	ng	97
10) Phenol	6.36	94	489562	34.779	ng	91
11) bis(2-Chloroethyl)ether	6.44	93	416975	38.463	ng	100
12) 1,3-Dichlorobenzene	6.64	146	454116	36.878	ng	99
13) 1,4-Dichlorobenzene	6.72	146	457874	36.833	ng	99
14) 1,2-Dichlorobenzene	6.87	146	402938	34.036	ng	98
15) Benzyl Alcohol	6.85	79	290351	35.947	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	565431	35.423	ng	99
17) 2-Methylphenol	6.97	107	353247	38.951	ng	98
18) Hexachloroethane	7.20	117	169915	36.709	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	274288	37.990	ng	99
20) 3+4-Methylphenols	7.12	107	415321m	46.513	ng	
22) Acetophenone	7.11	105	573633	36.325	ng	98
24) Nitrobenzene	7.29	77	437603	35.950	ng	95
25) Isophorone	7.53	82	812072	37.363	ng	100
26) 2-Nitrophenol	7.60	139	243651	39.028	ng	98
27) 2,4-Dimethylphenol	7.65	122	382809	42.973	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	525239	35.500	ng	99
29) 2,4-Dichlorophenol	7.85	162	361694	37.189	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	396562	35.656	ng	97
31) Naphthalene	8.00	128	1220932	36.318	ng	99
32) Benzoic acid	7.80	122	195531	31.007	ng	98
33) 4-Chloroaniline	8.06	127	354850	23.837	ng	99
34) Hexachlorobutadiene	8.12	225	228534	34.721	ng	97
35) Caprolactam	8.44	113	114713m	36.013	ng	
36) 4-Chloro-3-methylphenol	8.56	107	374330	38.055	ng	96
37) 2-Methylnaphthalene	8.70	142	815339	37.419	ng	100
38) 1-Methylnaphthalene	8.79	142	767743	37.057	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	380020	36.250	ng	99

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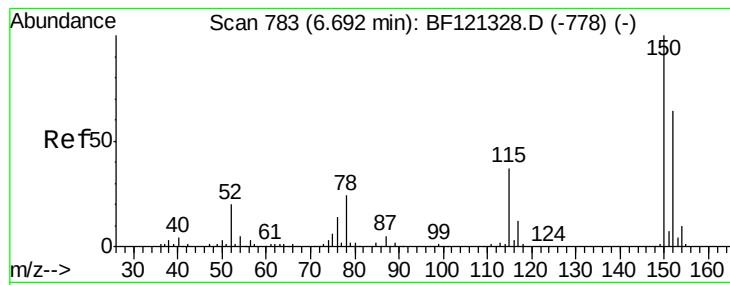
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	313604	75.879	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	255158	35.603	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	271233	36.785	ng	98
46) 1,1'-Biphenyl	9.16	154	979730	37.008	ng	99
47) 2-Chloronaphthalene	9.19	162	753050	34.527	ng	99
48) 2-Nitroaniline	9.29	65	237682	34.612	ng	99
49) Acenaphthylene	9.60	152	1181122	36.460	ng	100
50) Dimethylphthalate	9.46	163	899264	34.995	ng	99
51) 2,6-Dinitrotoluene	9.53	165	201807	36.773	ng	# 87
52) Acenaphthene	9.77	154	690956	35.103	ng	99
53) 3-Nitroaniline	9.70	138	153217	22.318	ng	96
54) 2,4-Dinitrophenol	9.82	184	194003	73.326	ng	99
55) Dibenzofuran	9.95	168	1004962	39.319	ng	99
56) 4-Nitrophenol	9.88	139	265104	62.614	ng	99
57) 2,4-Dinitrotoluene	9.94	165	236546	35.331	ng	97
58) Fluorene	10.29	166	765868	40.879	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	223095	35.394	ng	96
60) Diethylphthalate	10.16	149	871313	34.724	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	379882	40.150	ng	99
62) 4-Nitroaniline	10.32	138	221778	31.528	ng	99
63) Azobenzene	10.44	77	817845	35.091	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	142922	40.330	ng	98
66) n-Nitrosodiphenylamine	10.40	169	739749	36.191	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	255794	34.799	ng	99
68) Hexachlorobenzene	10.83	284	290076	34.236	ng	98
69) Atrazine	10.93	200	213728	33.754	ng	98
70) Pentachlorophenol	11.03	266	283665	75.245	ng	100
71) Phenanthrene	11.25	178	1144383	33.368	ng	100
72) Anthracene	11.30	178	1204335	36.466	ng	100
73) Carbazole	11.46	167	1124684	35.683	ng	99
74) Di-n-butylphthalate	11.78	149	1319408	34.715	ng	99
75) Fluoranthene	12.43	202	1268001	34.063	ng	100
77) Benzidine	12.56	184	738743	52.618	ng	99
78) Pyrene	12.66	202	1305992	34.117	ng	100
80) Butylbenzylphthalate	13.28	149	565708	34.393	ng	100
81) Benzo(a)anthracene	13.85	228	1081947	34.183	ng	100
82) 3,3'-Dichlorobenzidine	13.81	252	334441	27.520	ng	99
83) Chrysene	13.89	228	1089919	33.669	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	696783	36.022	ng	100
85) Di-n-octyl phthalate	14.45	149	1294218	36.154	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1239847	37.158	ng	100
88) Benzo(b)fluoranthene	14.87	252	1155372	32.718	ng	100
89) Benzo(k)fluoranthene	14.90	252	1086681	34.958	ng	100
90) Benzo(a)pyrene	15.22	252	1043927	34.213	ng	98
91) Dibenzo(a,h)anthracene	16.66	278	1016787	37.167	ng	99
92) Benzo(g,h,i)perylene	17.06	276	1050973	39.296	ng	99

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



#1

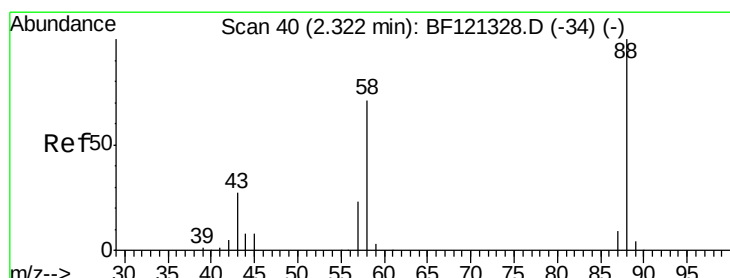
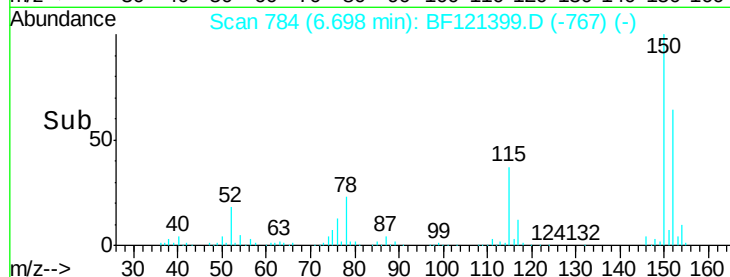
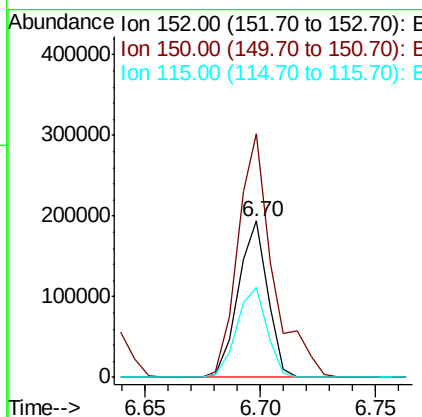
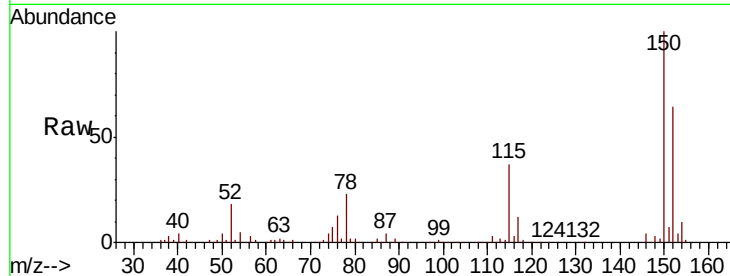
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Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.4	188.0
115	57.8	47.0	70.6

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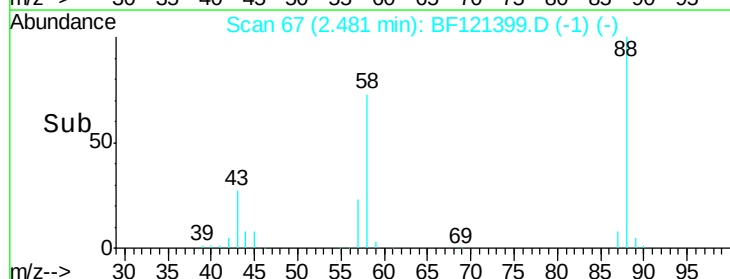
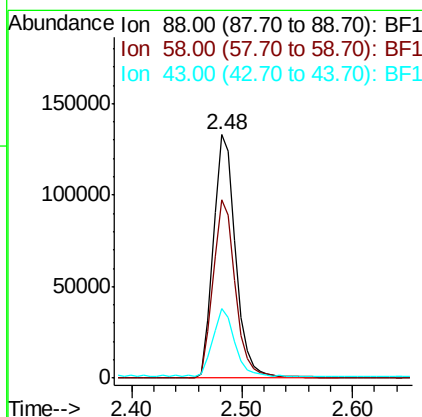
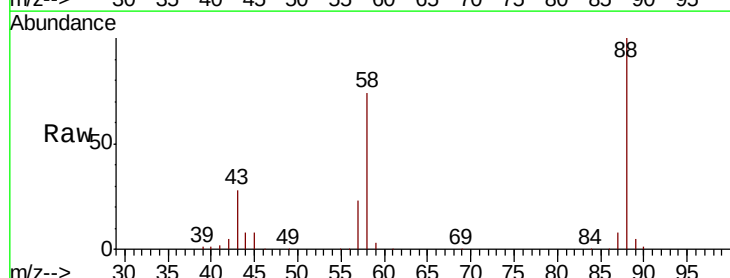
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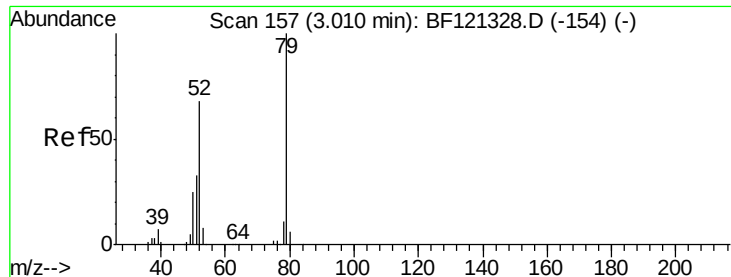


#2

1,4-Dioxane
Concen: 38.922 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.15 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.6	88.0
43	26.8	22.4	33.6





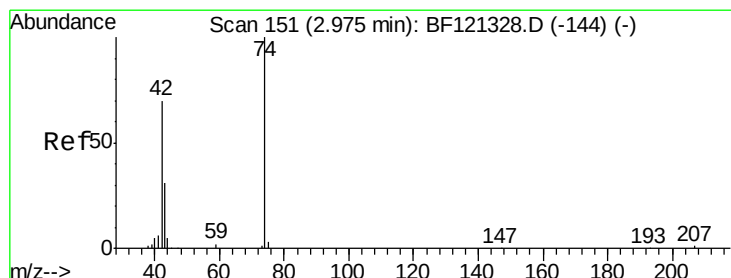
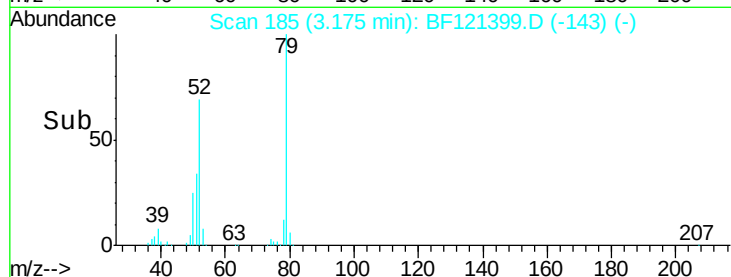
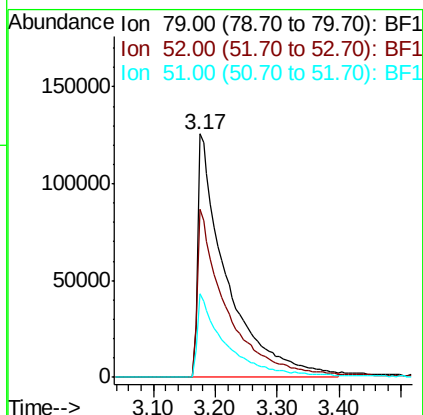
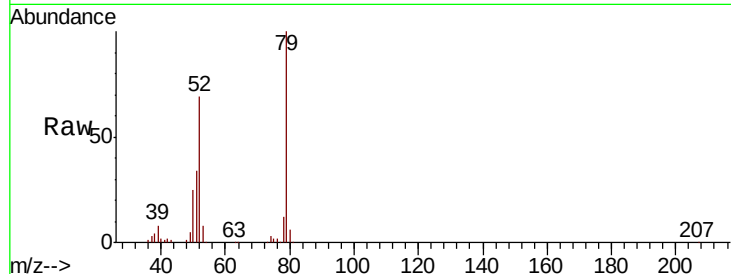
#3
 Pvridine
 Concen: 32.146 ng
 RT: 3.17 min Scan# 185
 Delta R.T. 0.15 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.0	55.8	83.8
51	34.3	27.1	40.7

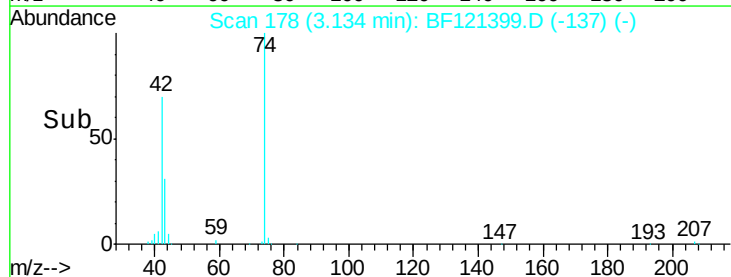
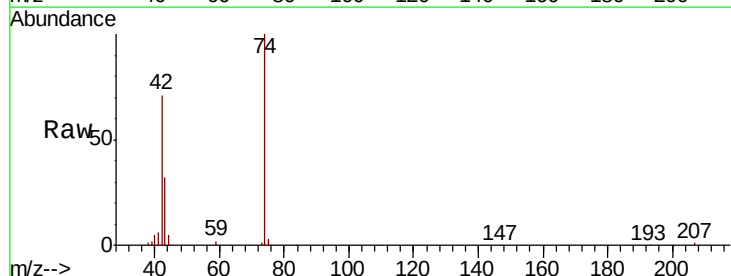
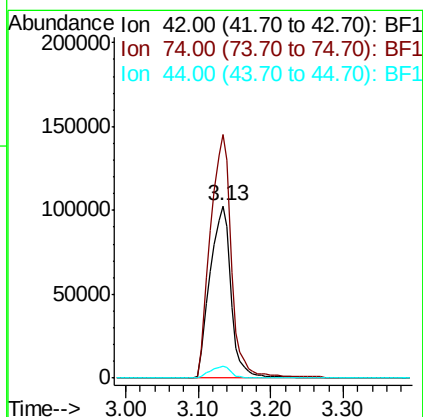
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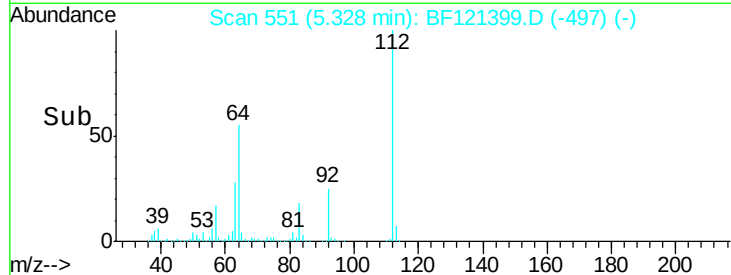
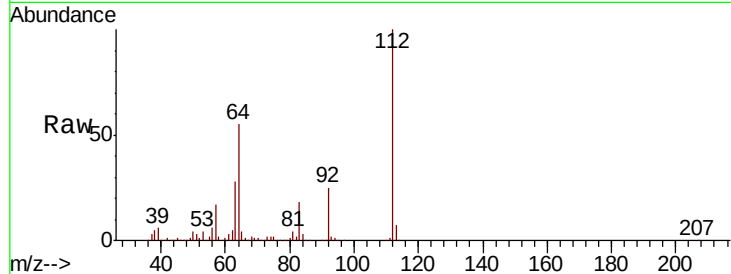
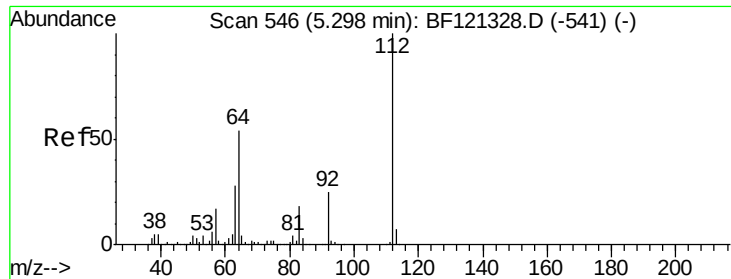
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#4
 n-Nitrosodimethylamine
 Concen: 40.049 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.14 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.6	114.6	171.8
44	6.6	5.6	8.4





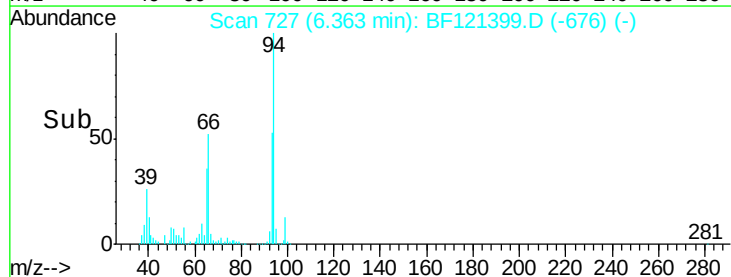
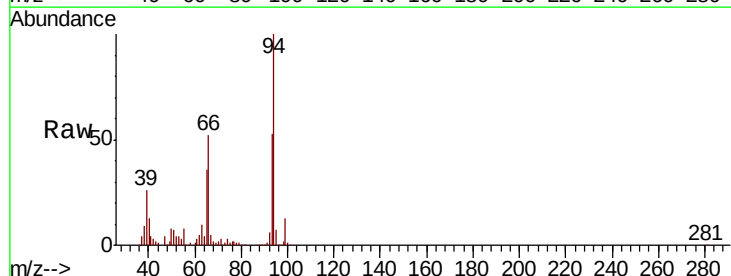
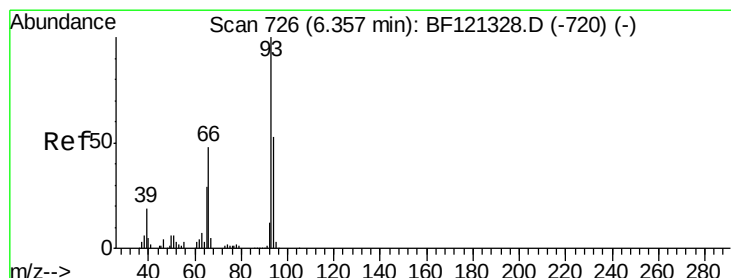
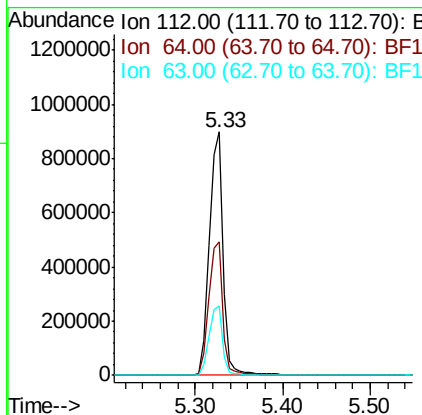
#5
2-Fluorophenol
Concen: 93.905 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	987503		
64	55.0		42.2	63.4
63	28.5		21.4	32.2

Instrument :
BNA_F
ClientSampleId :
PB131036BS

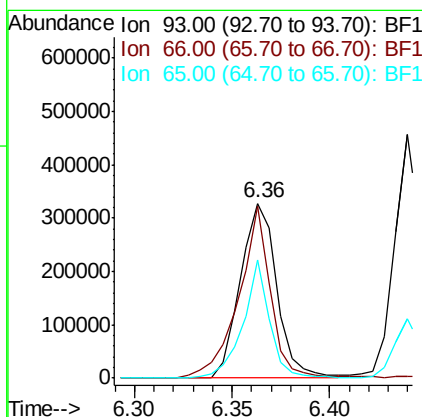
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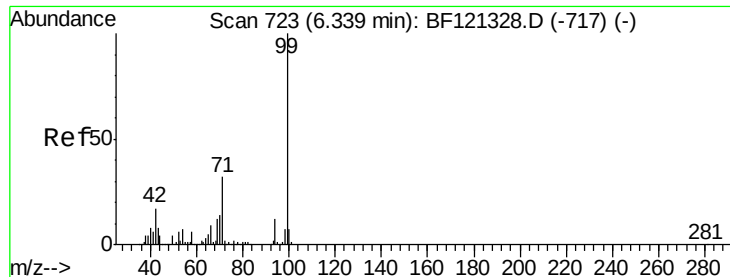
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#6
Aniline
Concen: 27.366 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	424214		
66	98.3		63.2	94.8#
65	67.9		42.1	63.1#





#7

Phenol-d6

Concen: 90.846 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion: 99 Resp: 1219579

Ion Ratio Lower Upper

99 100

42 17.7 13.9 20.9

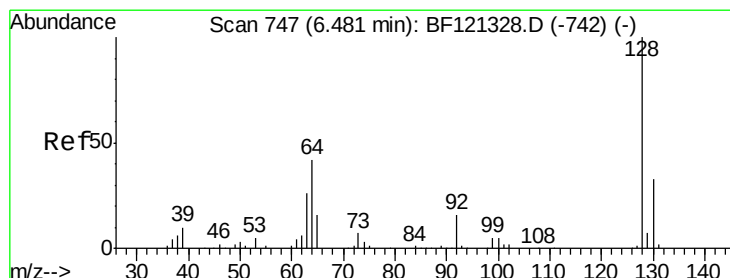
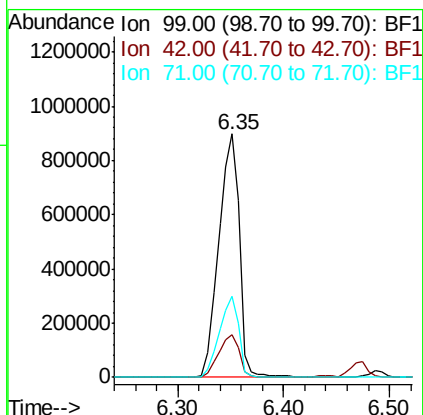
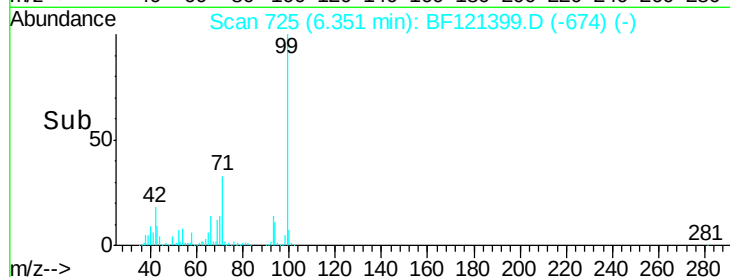
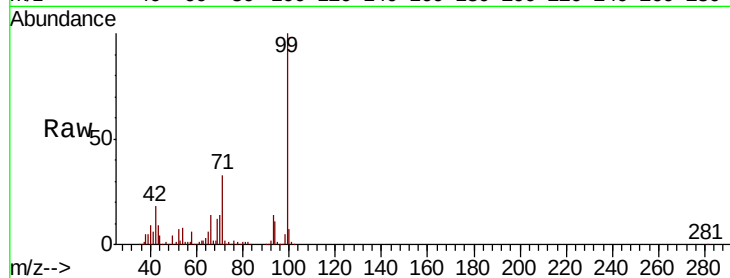
71 33.3 25.5 38.3

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#8

2-Chlorophenol

Concen: 39.088 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

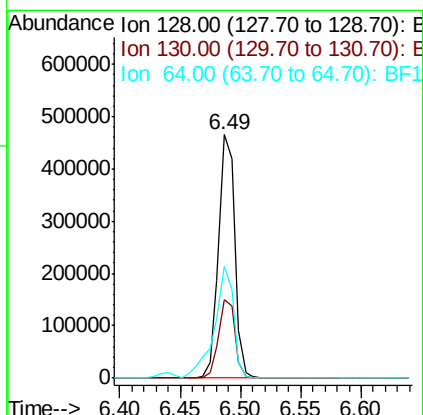
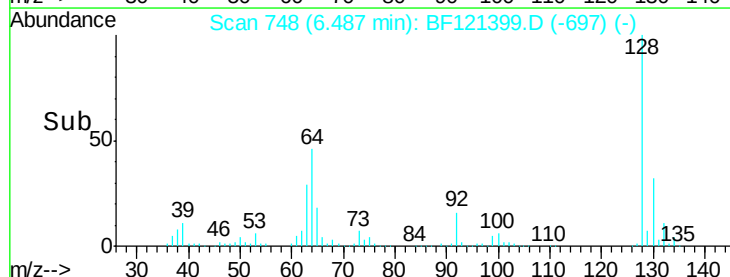
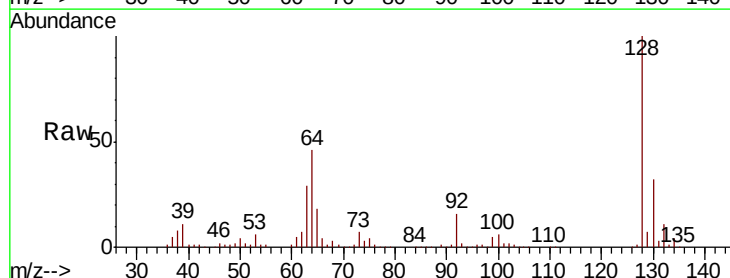
Tgt Ion: 128 Resp: 429618

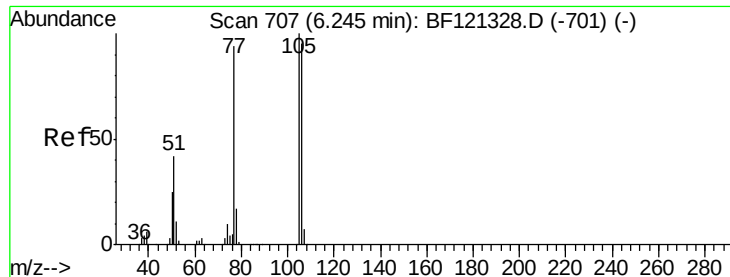
Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

64 46.0 26.3 66.3





#9

Benzaldehyde

Concen: 34.486 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

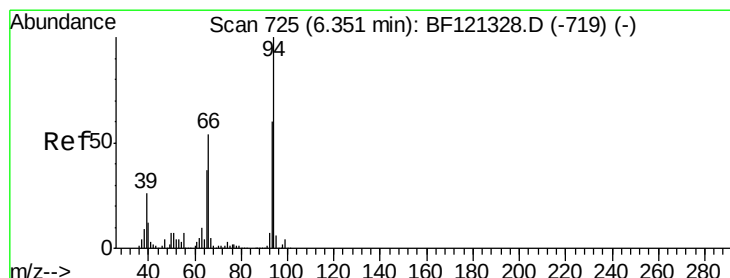
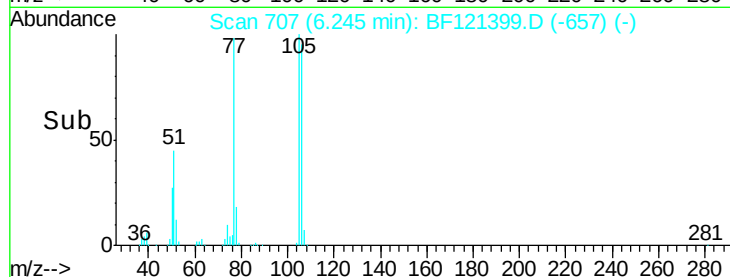
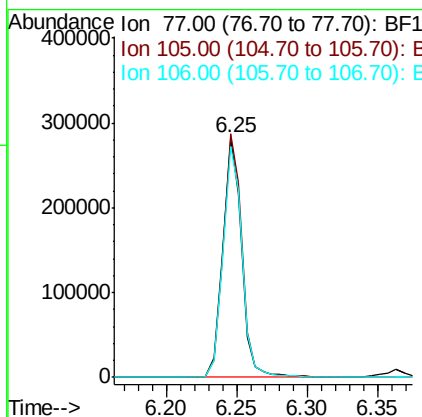
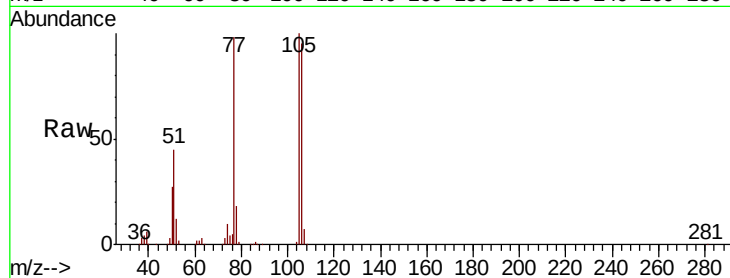
ClientSampleId :

PB131036BS

Tot Ion:	77	Resp:	260448
Ion	Ratio	Lower	Upper
77	100		
105	101.9	84.3	124.3
106	96.9	81.3	121.3

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#10

Phenol

Concen: 34.779 ng

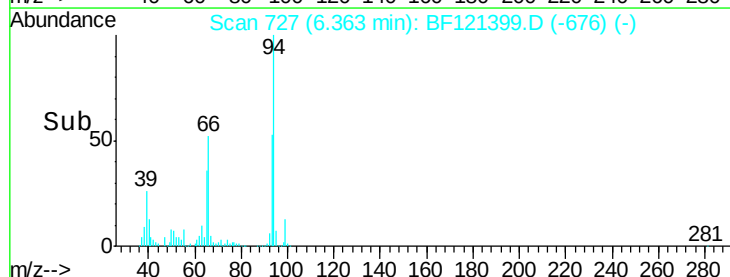
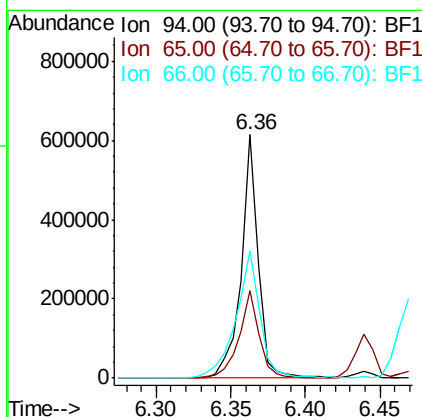
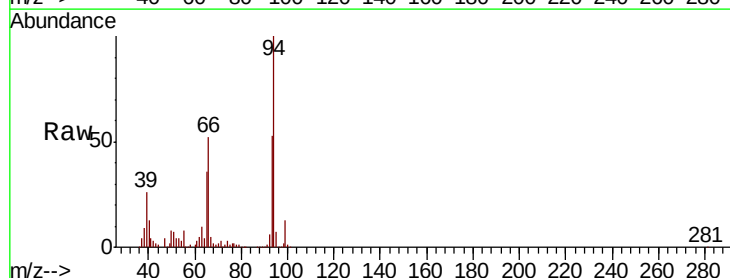
RT: 6.36 min Scan# 727

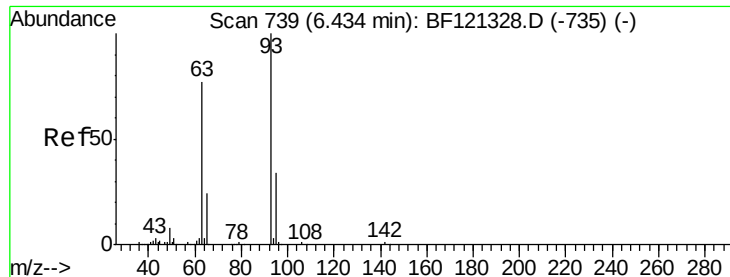
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	94	Resp:	489562
Ion	Ratio	Lower	Upper
94	100		
65	36.2	20.4	60.4
66	52.4	40.6	80.6





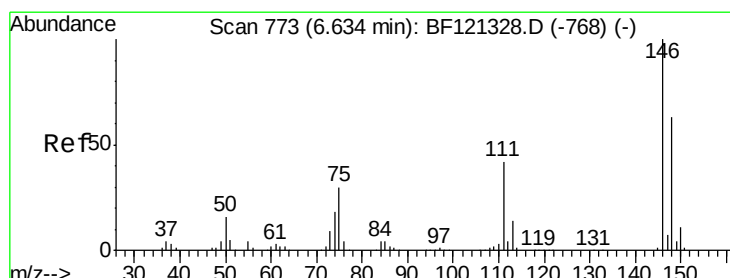
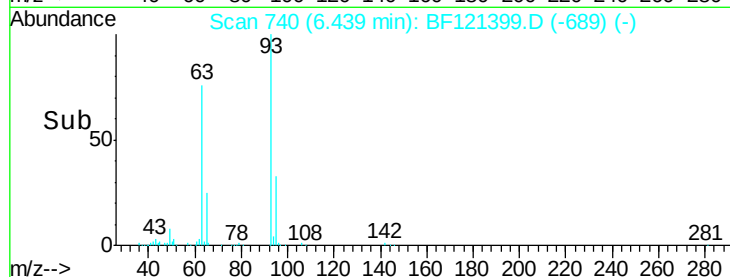
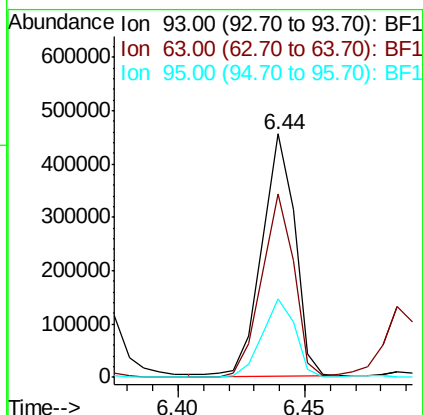
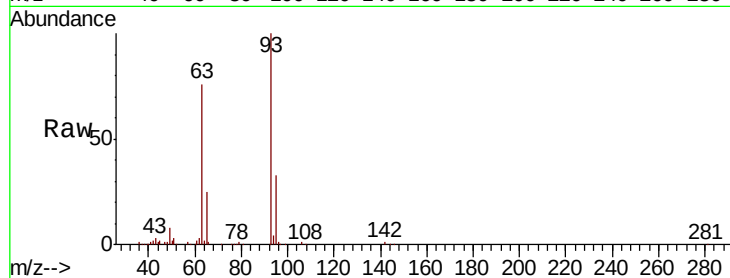
#11
bis(2-Chloroethyl)ether
Concen: 38.463 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.5	55.5	95.5	
95	32.5	12.4	52.4	

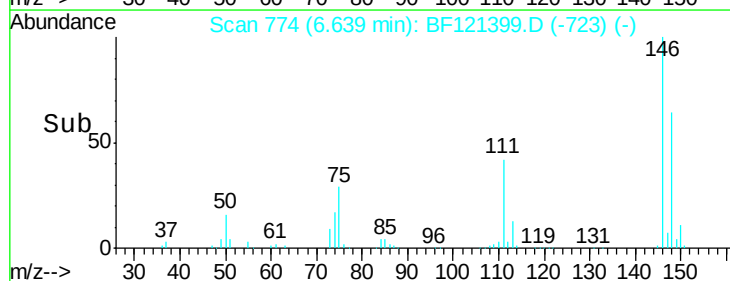
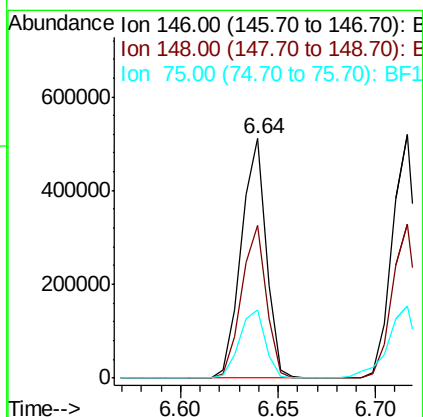
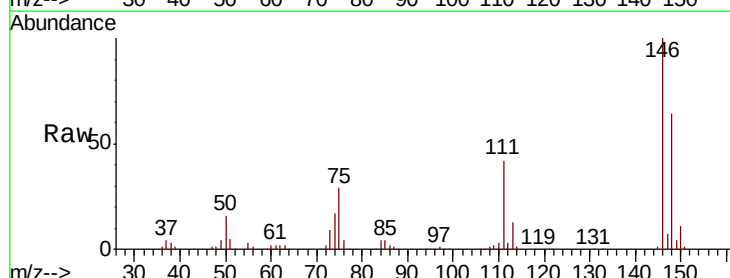
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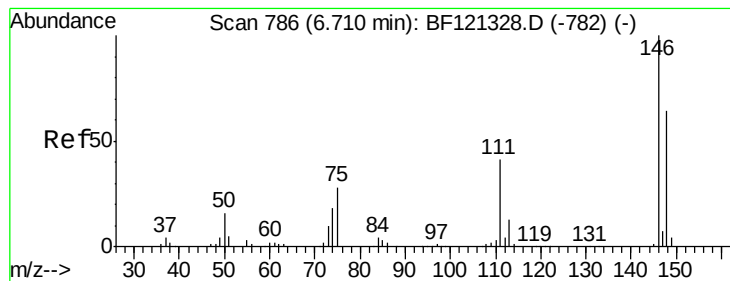
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.878 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.8	51.4	77.0	
75	28.7	24.0	36.0	





#13

1,4-Dichlorobenzene

Concen: 36.833 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

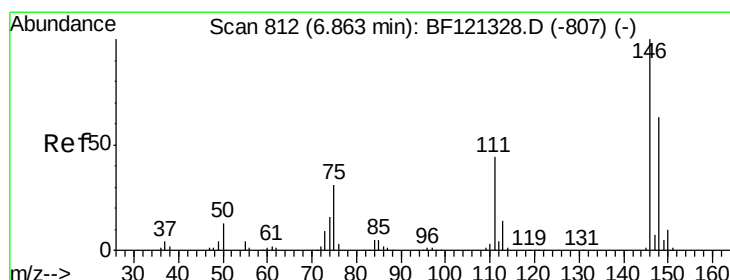
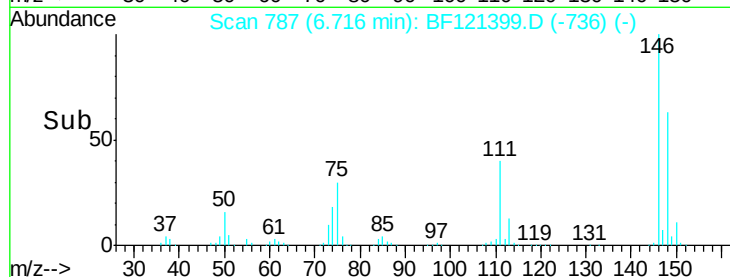
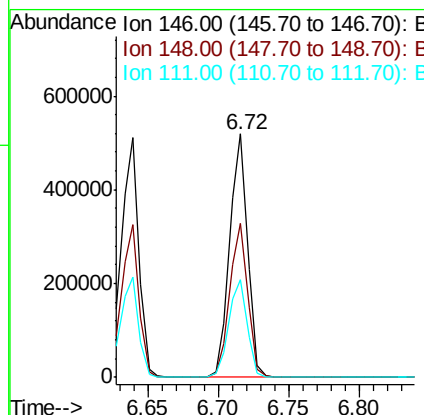
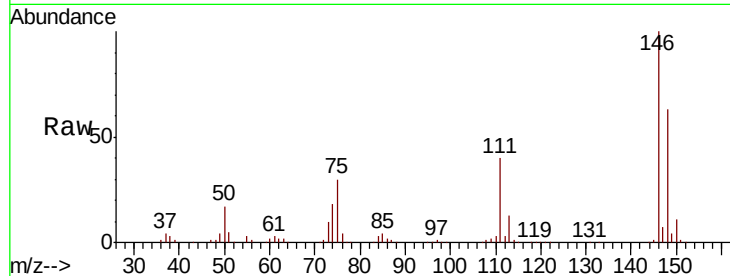
ClientSampleId :

PB131036BS

Tot Ion:	146	Resp:	457874
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	76.0
111	40.1	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 34.036 ng

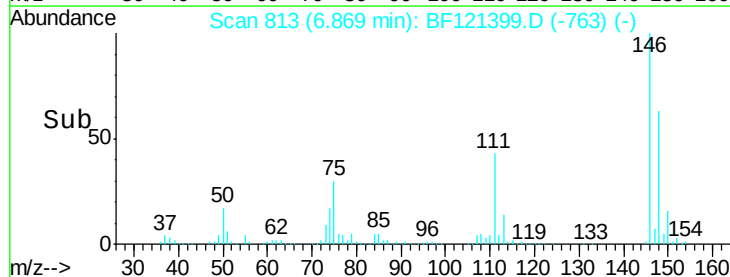
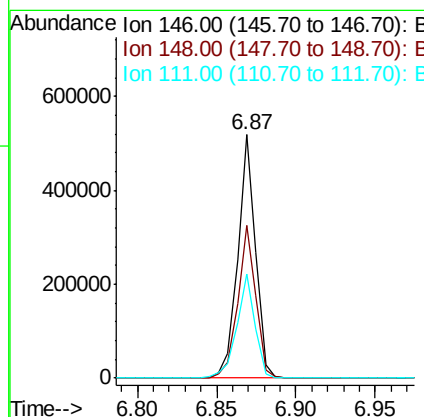
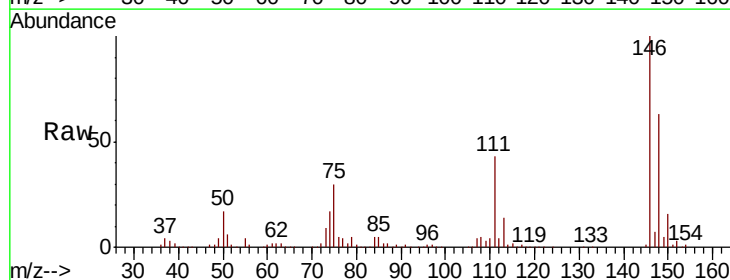
RT: 6.87 min Scan# 813

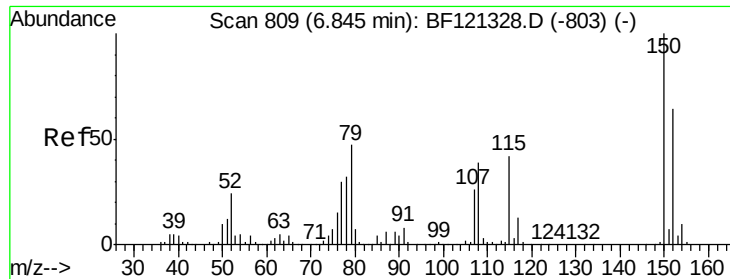
Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	146	Resp:	402938
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.1	76.7
111	42.8	32.8	49.2





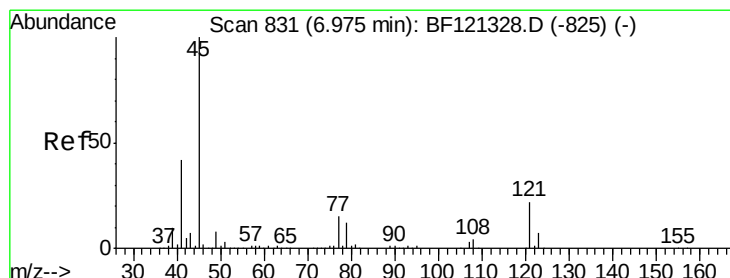
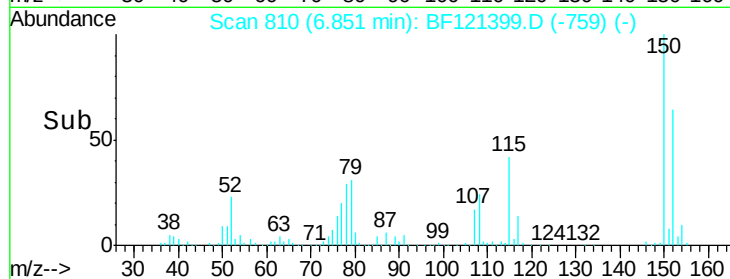
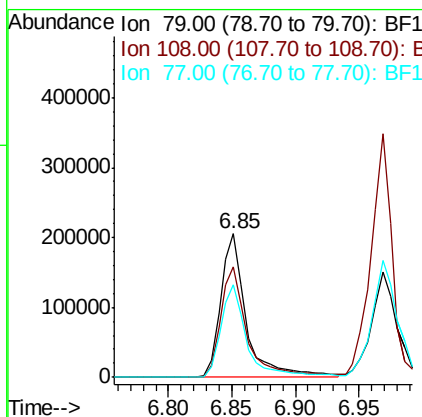
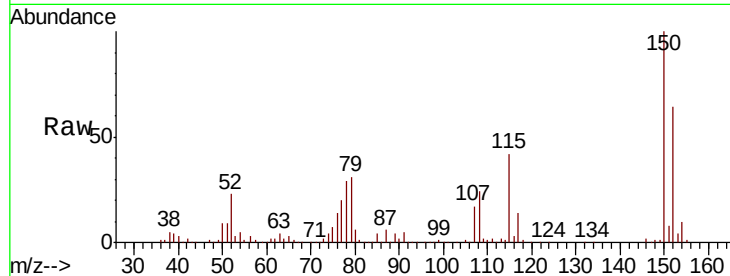
#15
Benzyl Alcohol
Concen: 35.947 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.4	62.3	93.5	
77	64.5	50.5	75.7	

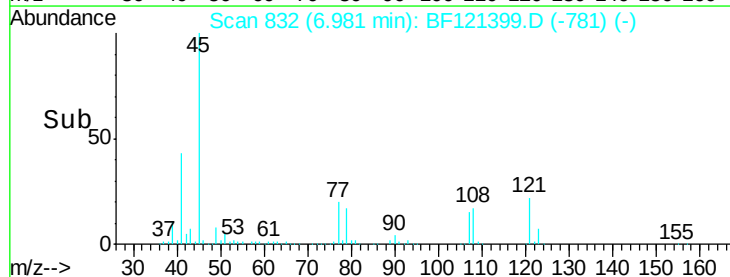
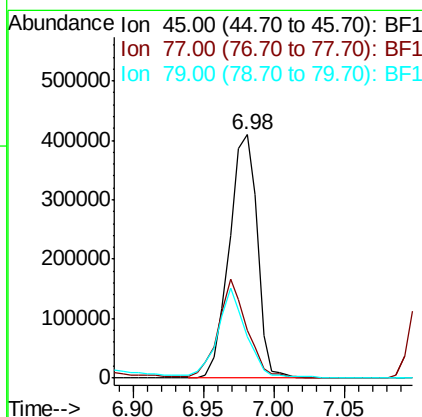
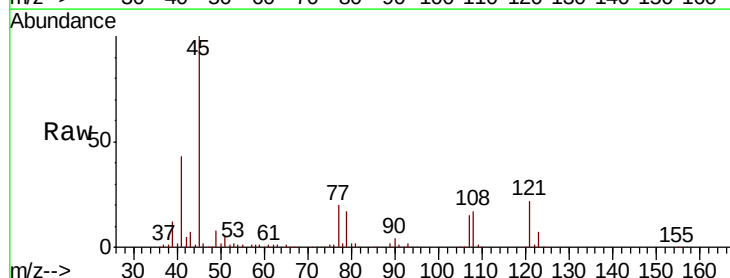
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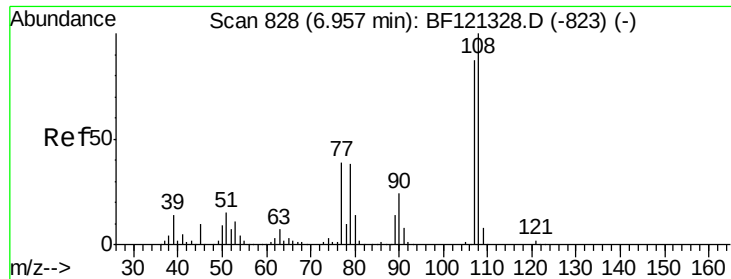
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.423 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.9	0.7	40.7	
79	16.9	0.0	37.1	





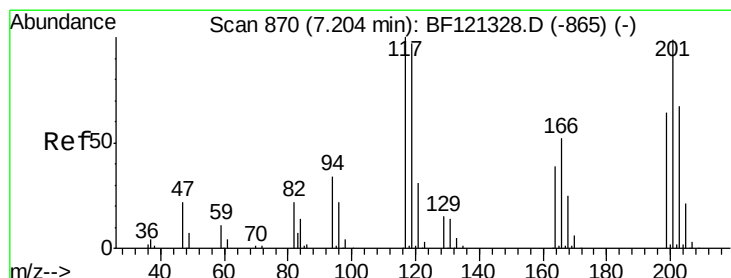
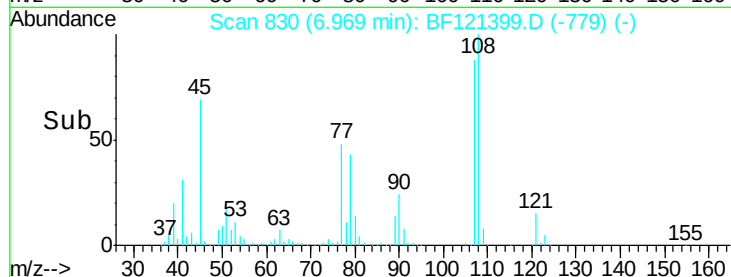
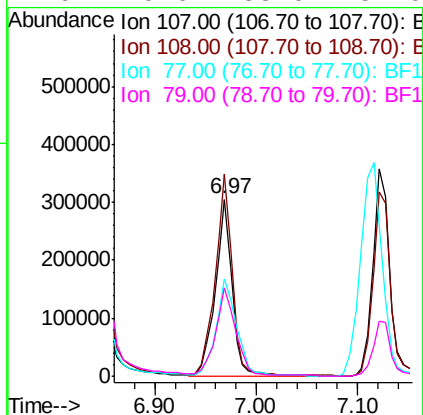
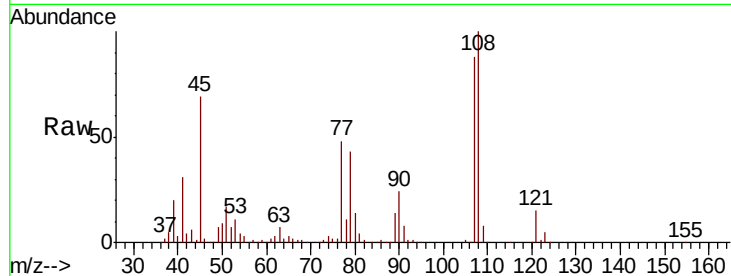
#17
2-Methylphenol
Concen: 38.951 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.5	137.3
77	54.6	40.1	60.1
79	49.6	38.0	57.0

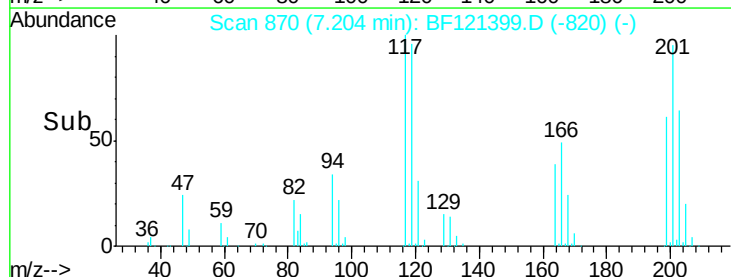
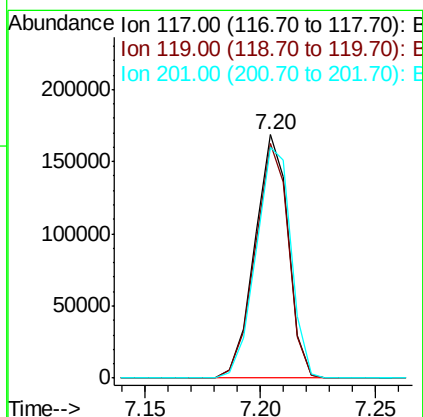
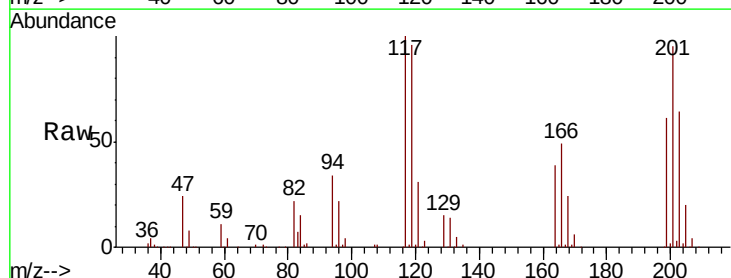
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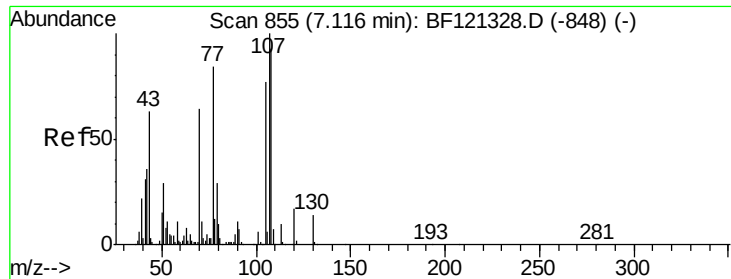
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#18
Hexachloroethane
Concen: 36.709 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.0	115.6
201	94.9	80.6	120.8





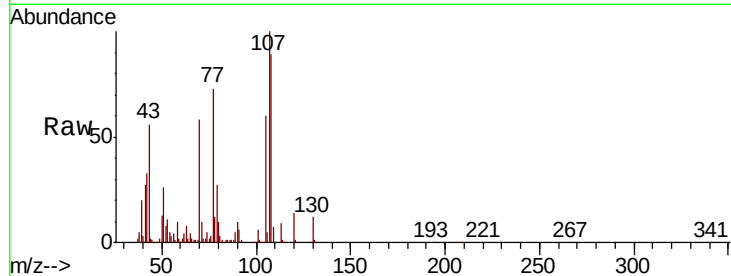
#19
n-Nitroso-di-n-propylamine
Concen: 37.990 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	46.9	70.3	
101	9.5	7.7	11.5	
130	21.4	17.2	25.8	

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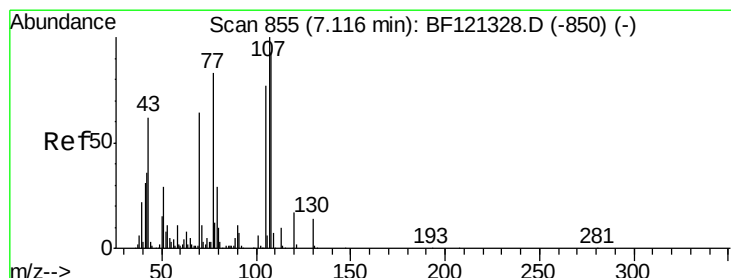
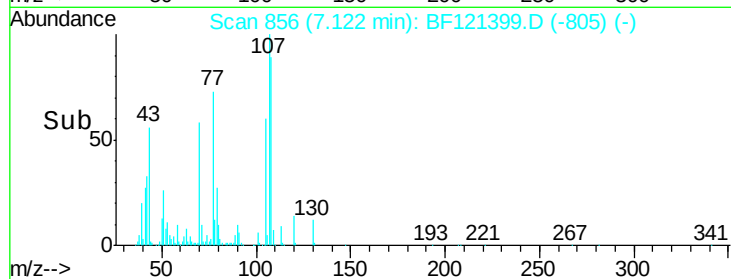
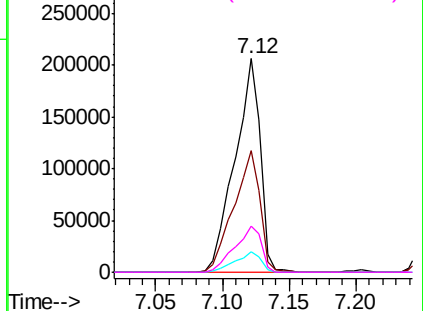
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.513 ng m
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	76.0	116.0	
77	73.2	26.5	66.5#	
79	26.8	10.0	50.0	

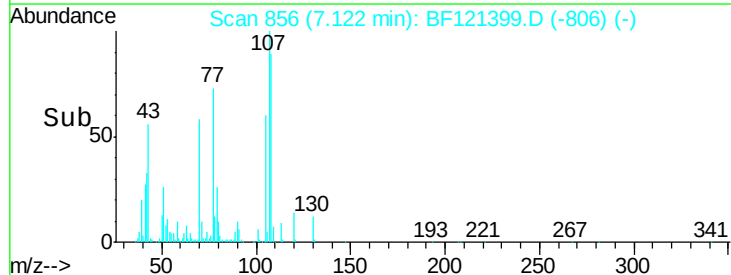
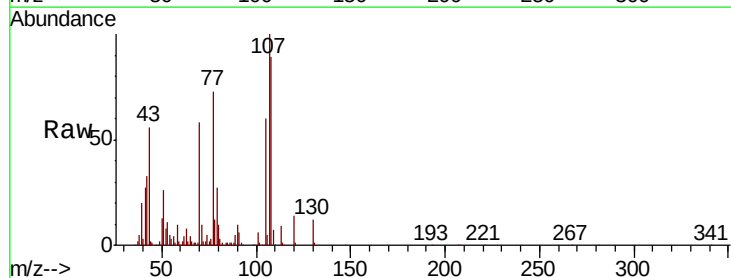
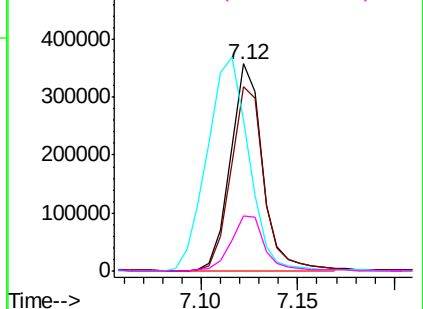
Abundance

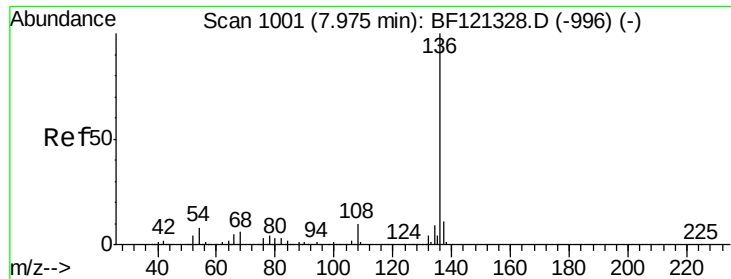
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





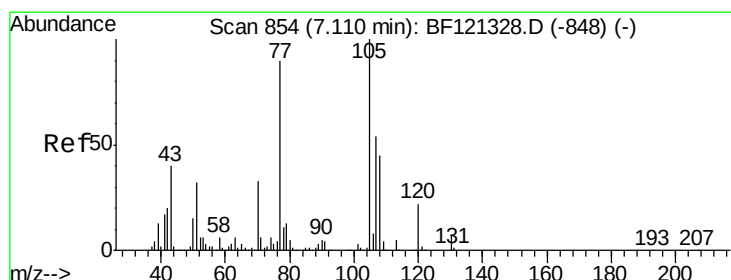
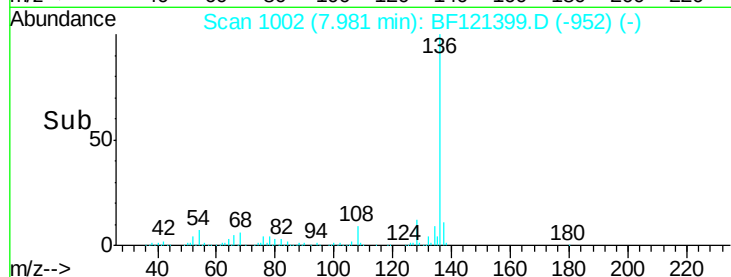
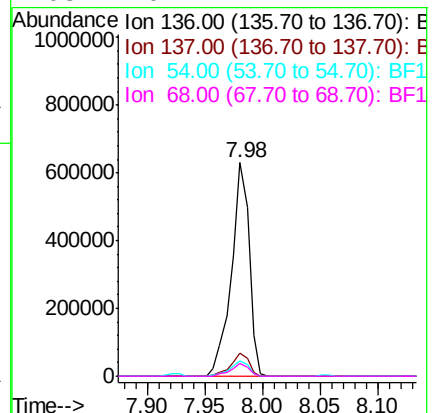
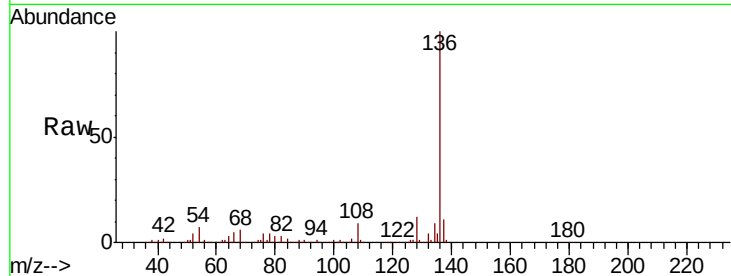
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	675467		
137	11.0	8.8	13.2	
54	7.5	5.8	8.6	
68	6.1	4.7	7.1	

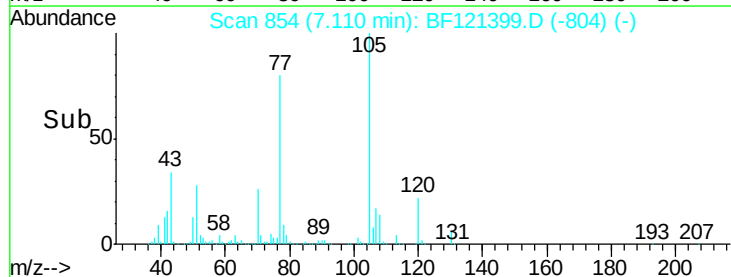
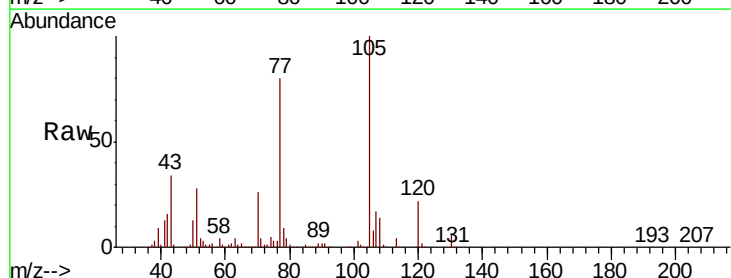
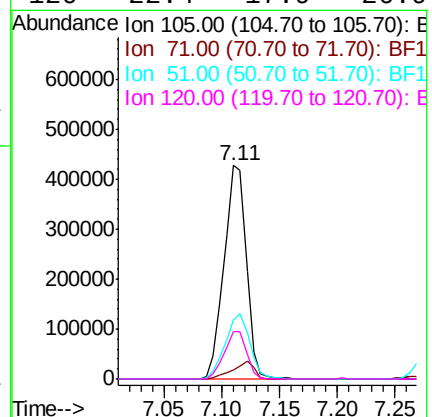
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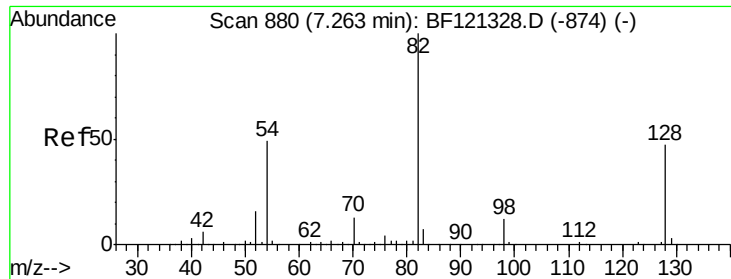
mohammad
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#22
Acetophenone
Concen: 36.325 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573633		
71	4.5	3.5	5.3	
51	27.8	23.9	35.9	
120	22.4	17.9	26.9	





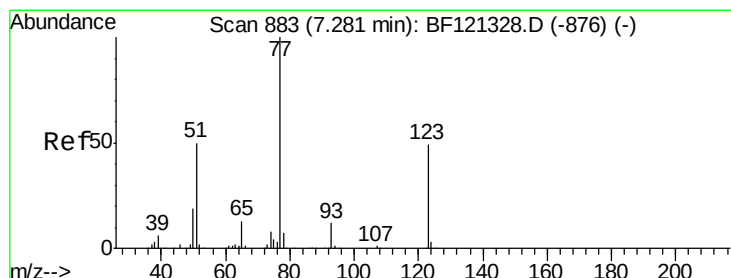
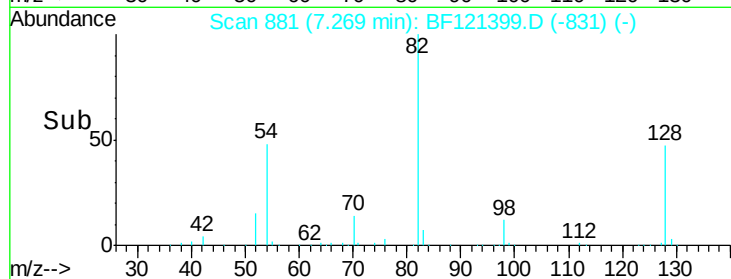
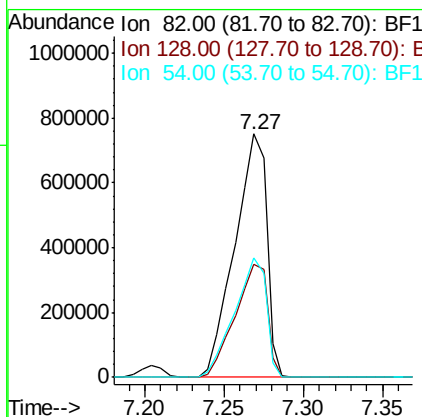
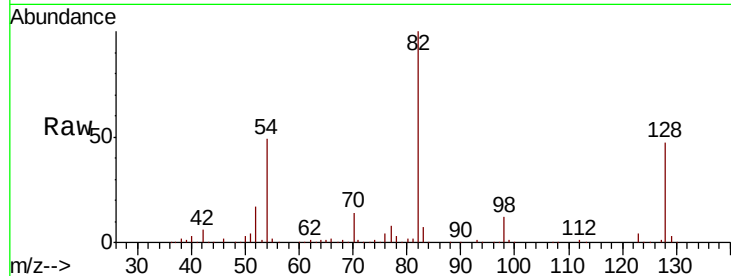
#23
 Nitrobenzene-d5
 Concen: 87.971 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleID :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.4	57.6
54	49.1	39.0	58.6

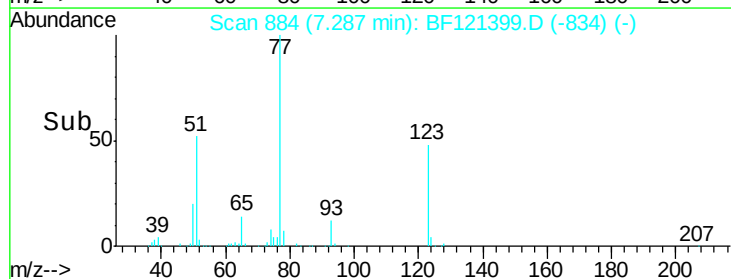
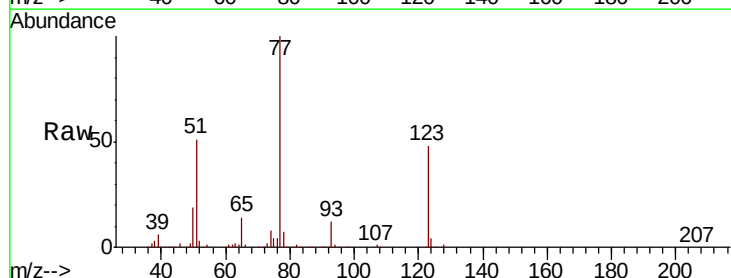
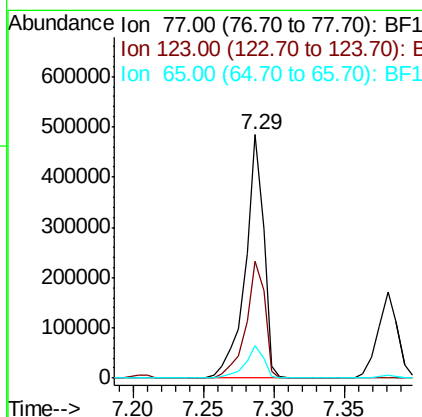
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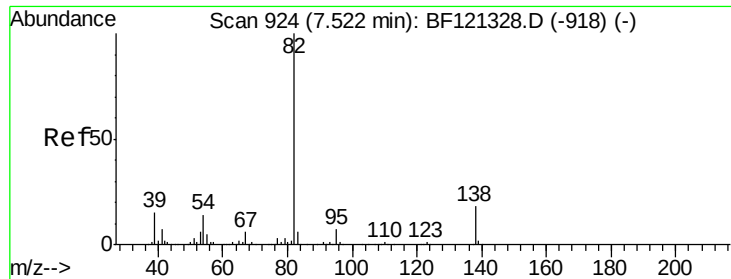
mohammad
 8/25/2020 4:19:04 PM



#24
 Nitrobenzene
 Concen: 35.950 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	42.0	63.0
65	13.5	10.4	15.6





#25

Isophorone

Concen: 37.363 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

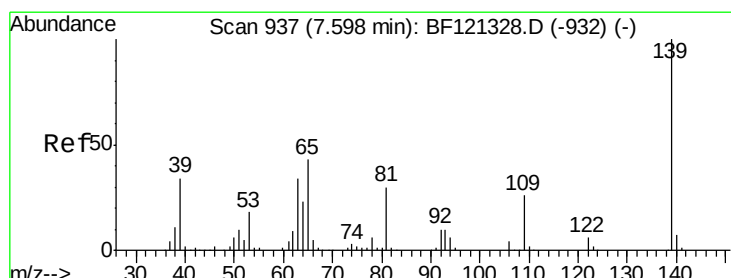
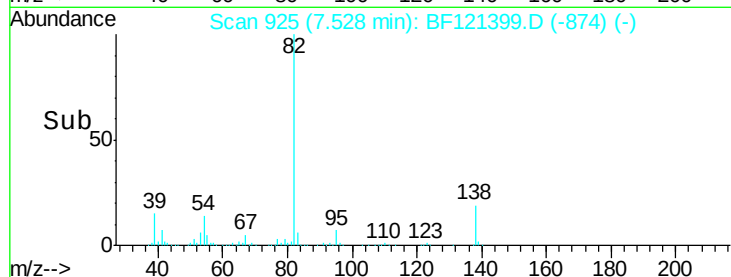
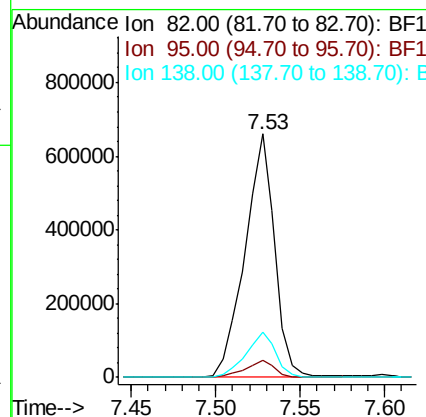
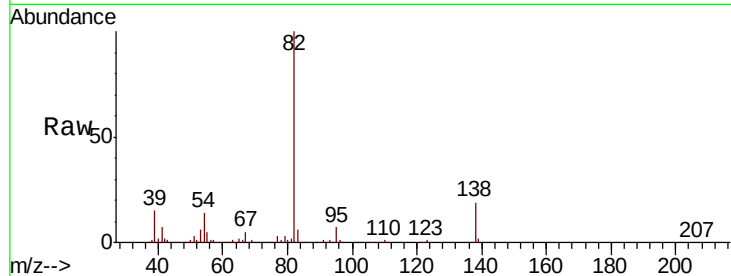
ClientSampleId :

PB131036BS

Tot Ion:	82	Resp:	812072
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.7	15.0	22.6

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#26

2-Nitrophenol

Concen: 39.028 ng

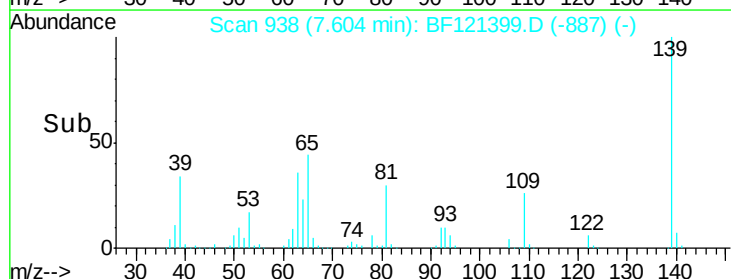
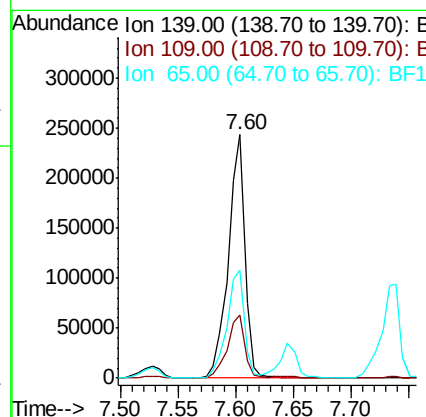
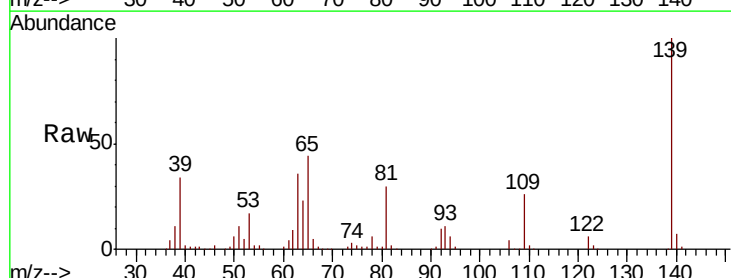
RT: 7.60 min Scan# 938

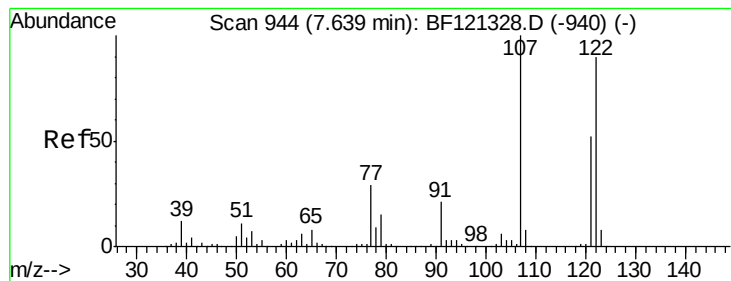
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	139	Resp:	243651
Ion Ratio	Lower	Upper	
139	100		
109	26.0	21.2	31.8
65	44.1	37.0	55.6





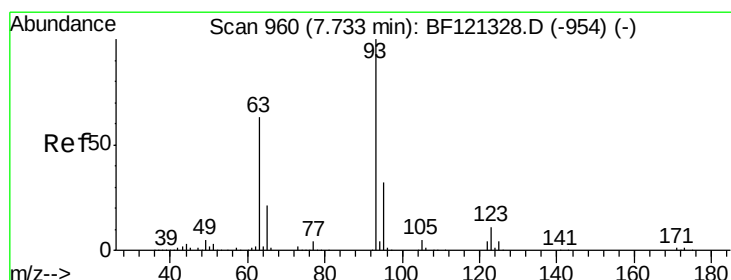
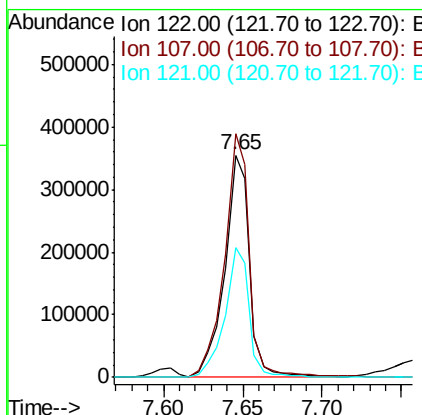
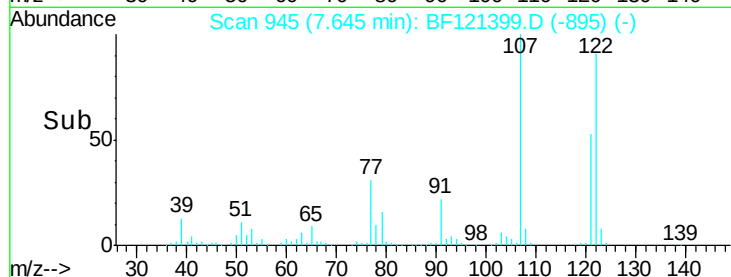
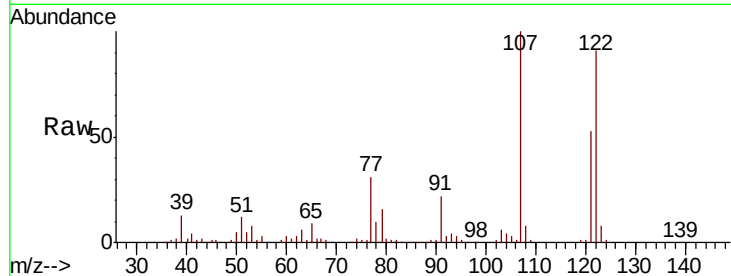
#27
2,4-Dimethylphenol
Concen: 42.973 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	382809		
107	109.5	85.1	127.7	
121	58.1	44.9	67.3	

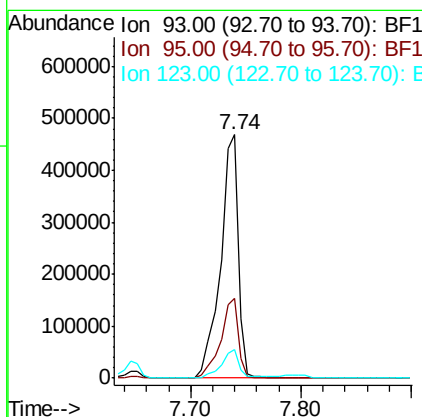
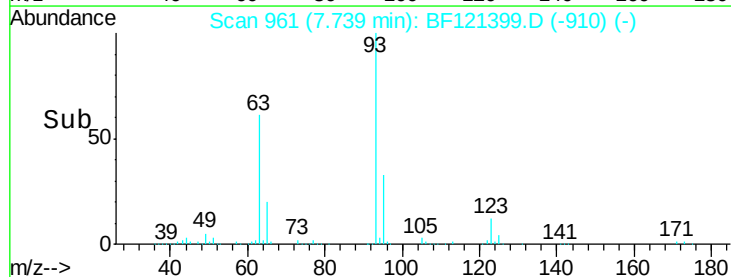
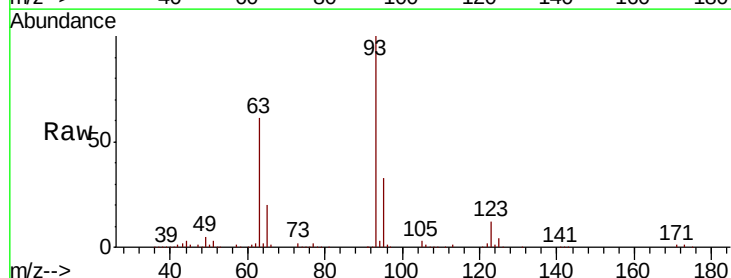
Manual Integrations
APPROVED

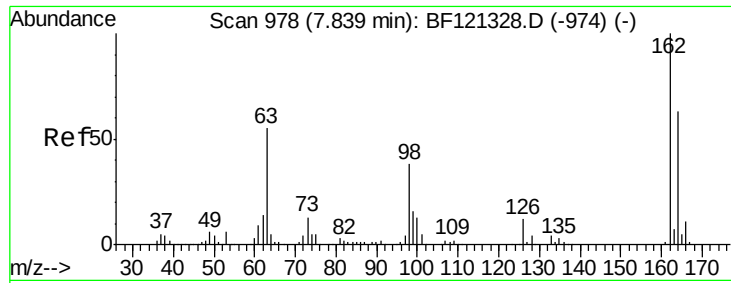
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.500 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525239		
95	32.7	26.6	39.8	
123	11.8	9.4	14.0	





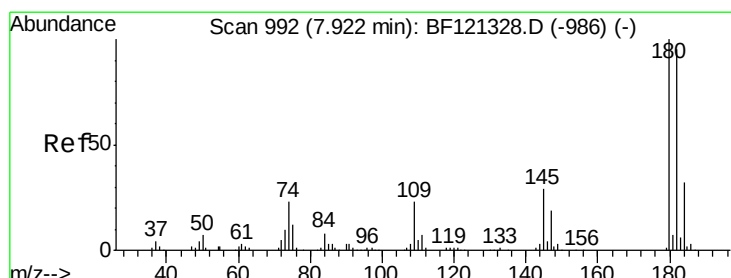
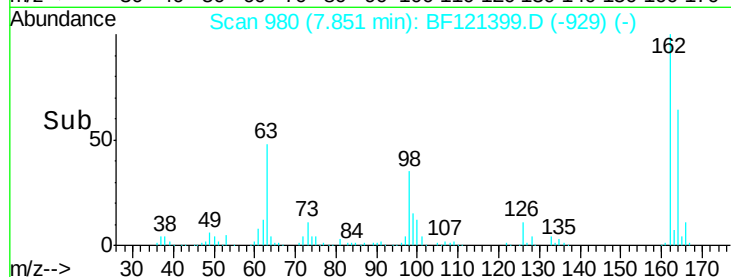
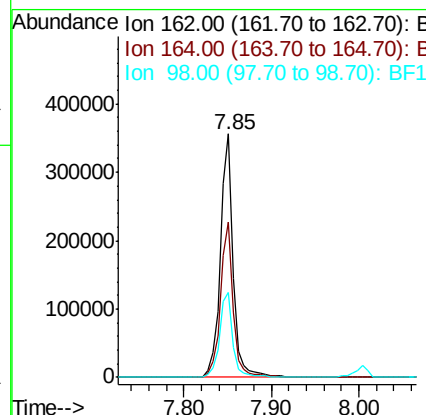
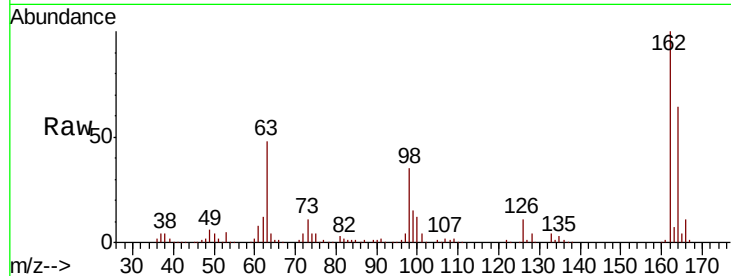
#29
2,4-Dichlorophenol
Concen: 37.189 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	44.3	84.3
98	34.7	16.1	56.1

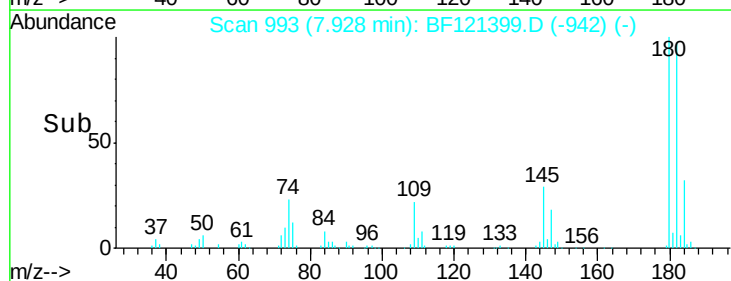
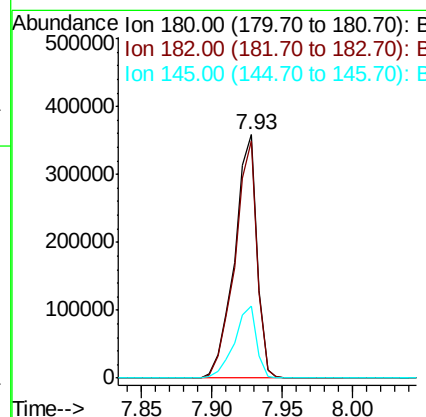
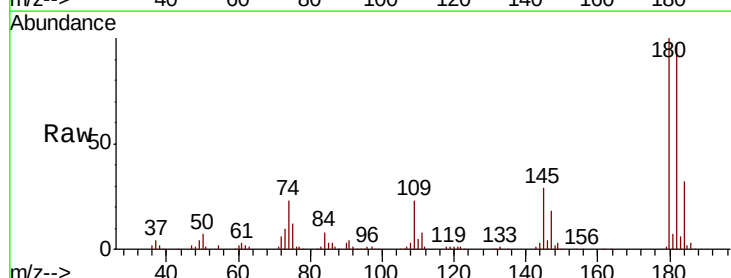
Manual Integrations
APPROVED

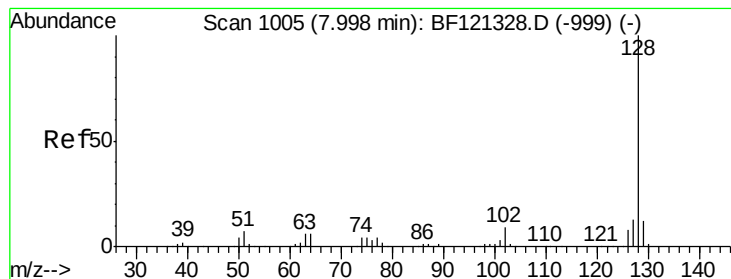
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.656 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.4	75.0	112.6
145	29.4	24.1	36.1





#31

Naphthalene

Concen: 36.318 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion:128 Resp: 1220932

Ion Ratio Lower Upper

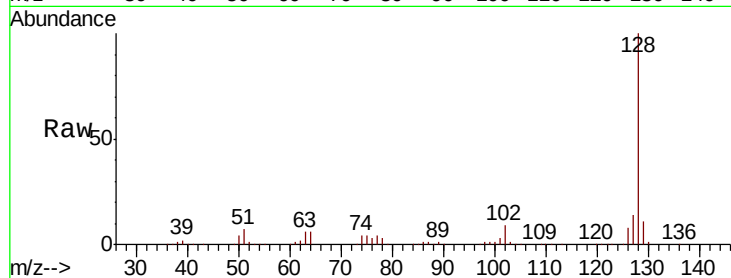
128 100

129 11.4 8.9 13.3

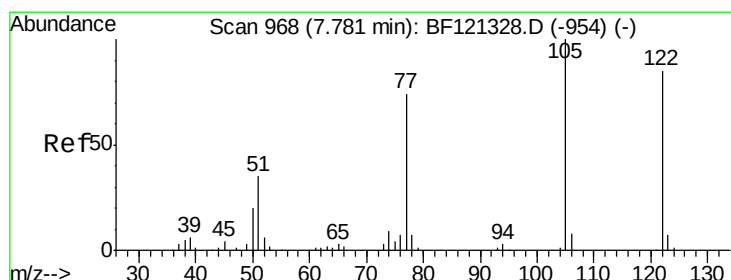
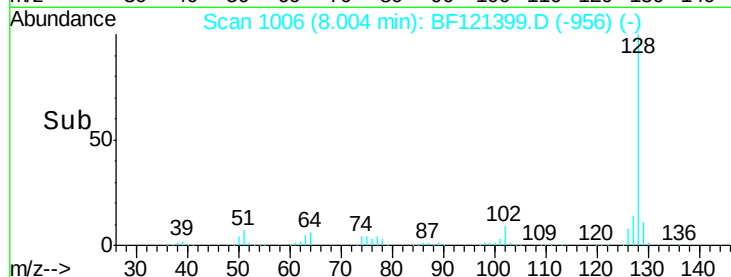
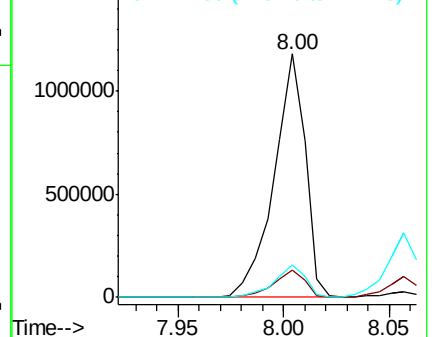
127 13.5 10.6 15.8

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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: 31.007 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

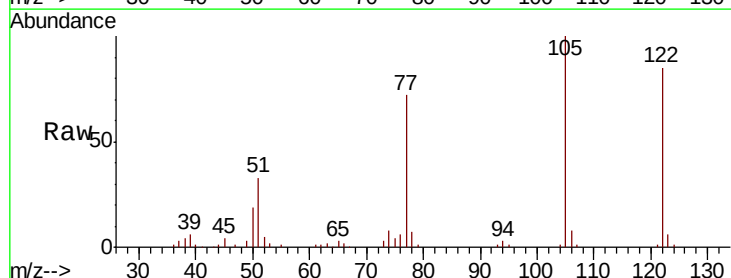
Tgt Ion:122 Resp: 195531

Ion Ratio Lower Upper

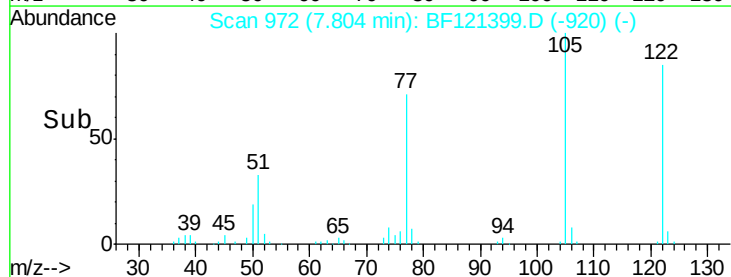
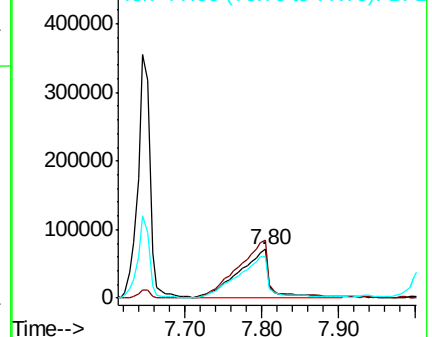
122 100

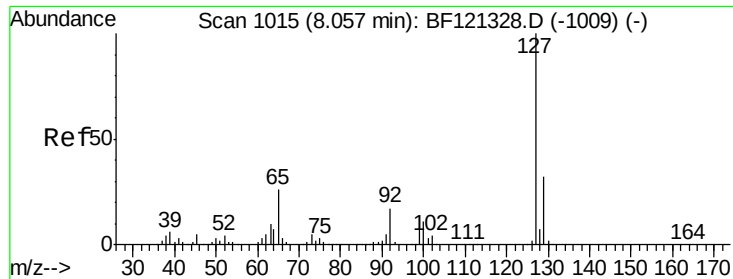
105 117.7 98.8 138.8

77 84.2 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





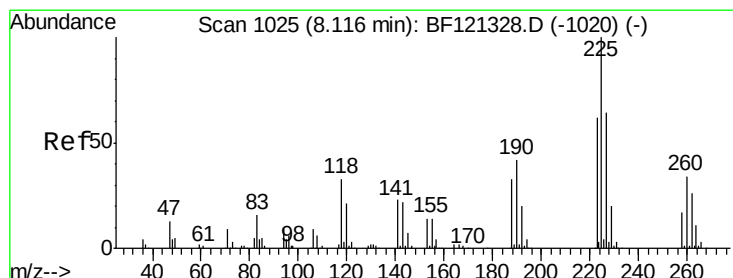
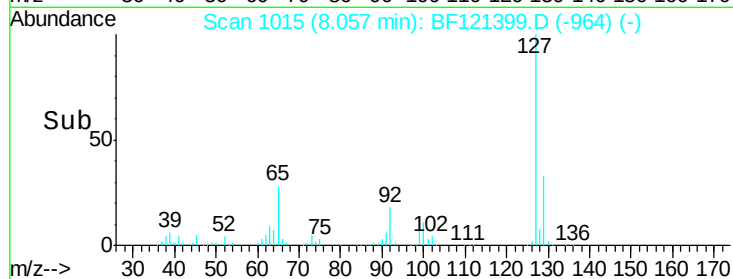
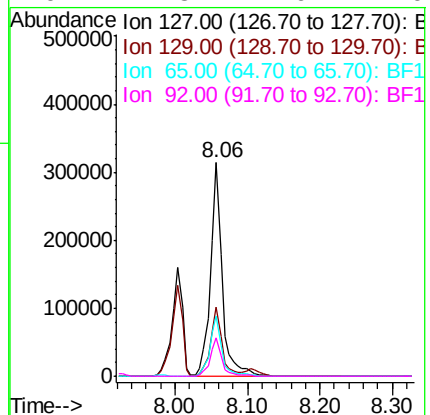
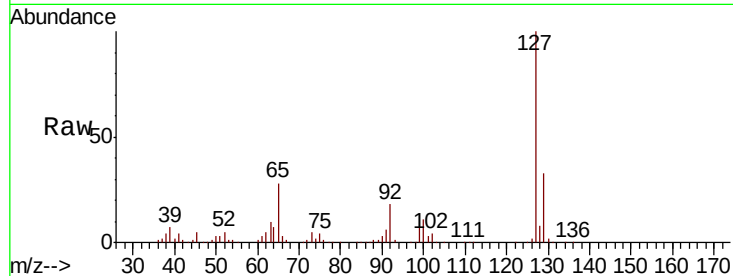
#33
4-Chloroaniline
Concen: 23.837 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		354850		
129	32.6	26.1	39.1		
65	28.2	23.7	35.5		
92	17.8	14.6	22.0		

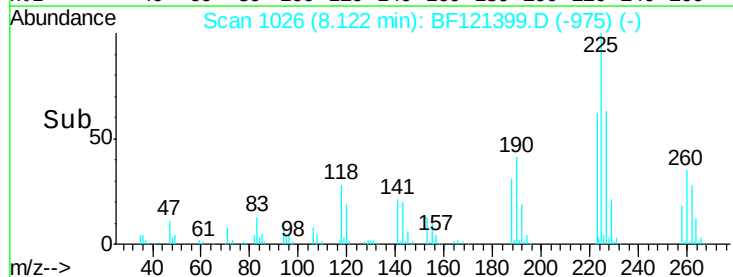
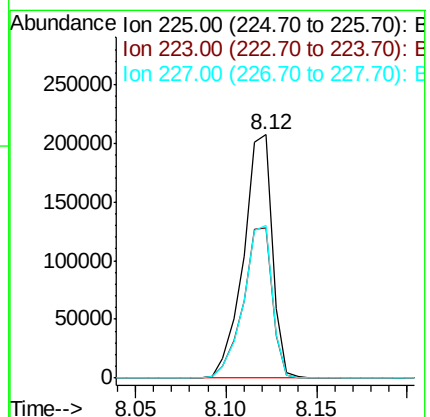
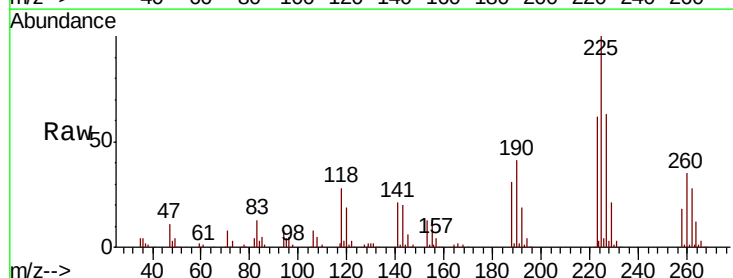
Manual Integrations
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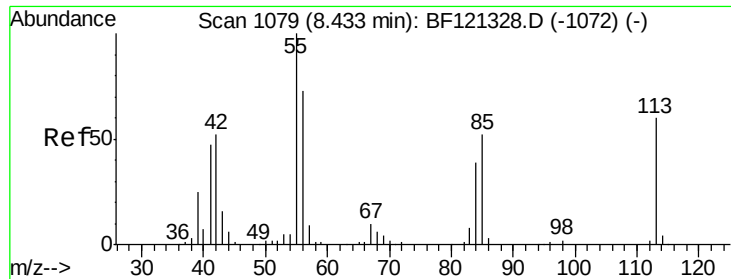
mohammad
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#34
Hexachlorobutadiene
Concen: 34.721 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		228534		
223	61.9	51.2	76.8		
227	62.9	51.8	77.8		





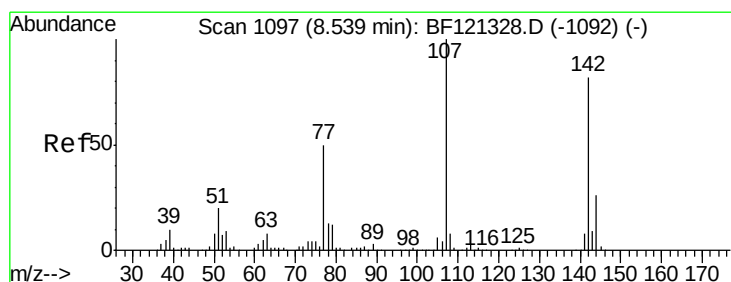
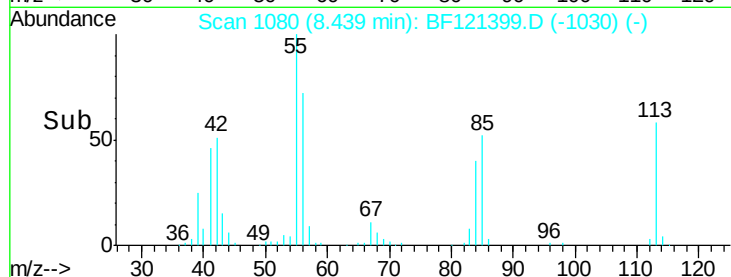
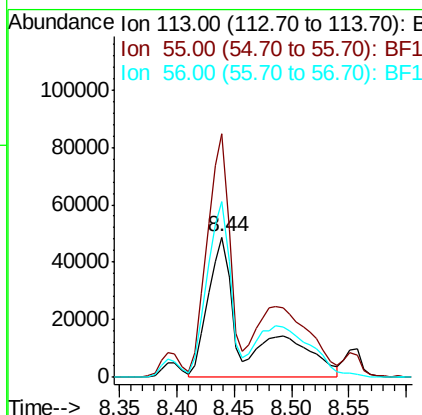
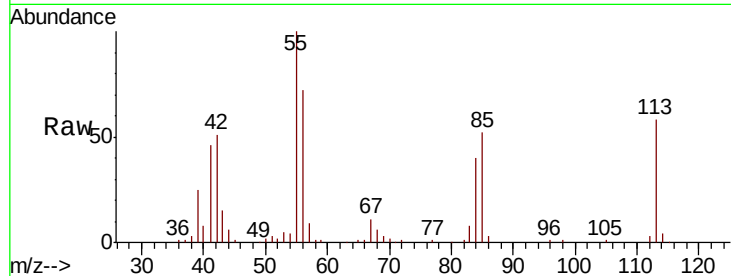
#35
 Caprolactam
 Concen: 36.013 ng/ml
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleID :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.7	147.4	187.4
56	125.8	102.7	142.7

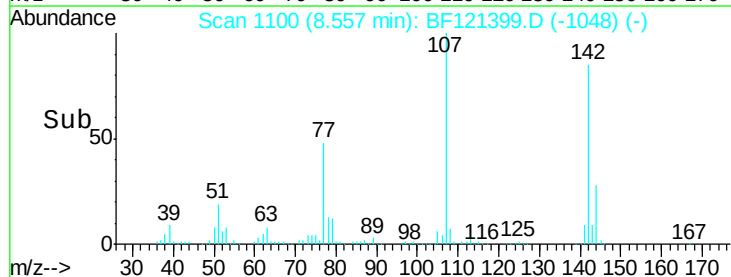
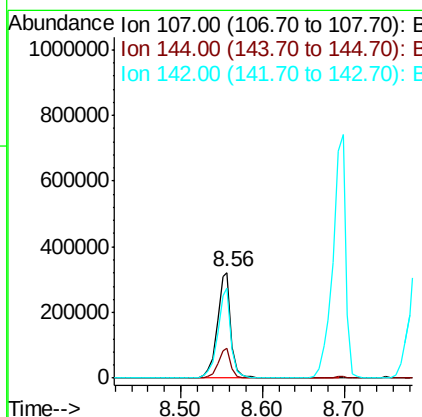
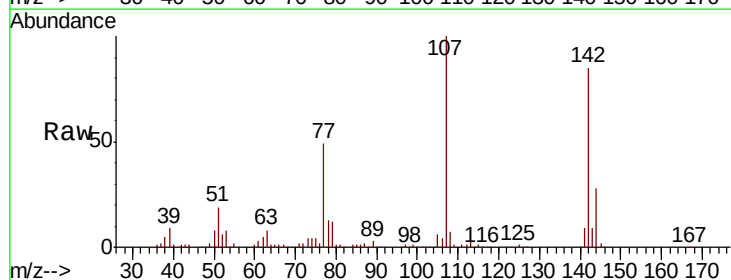
Manual Integrations
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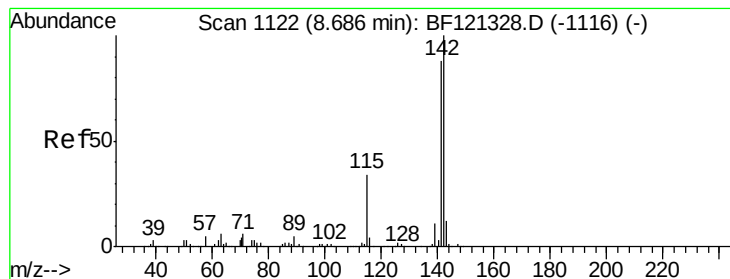
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.055 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.7	31.1
142	85.0	65.4	98.2





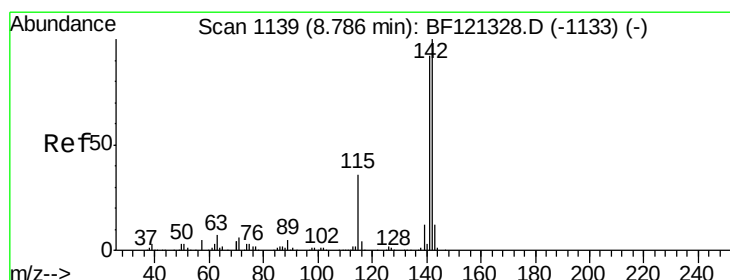
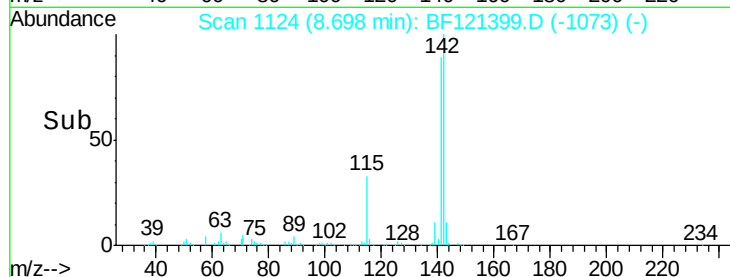
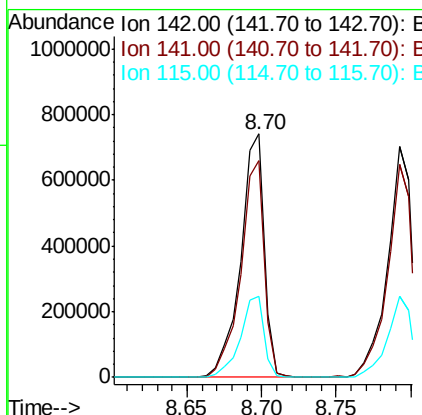
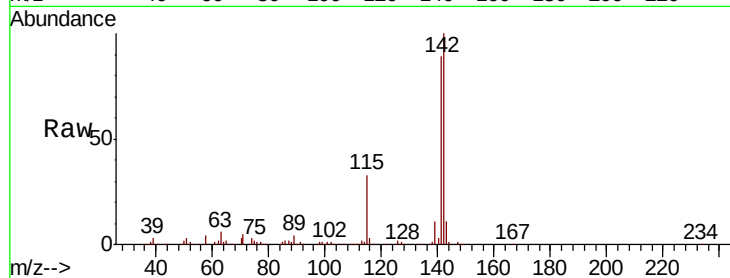
#37
2-Methylnaphthalene
Concen: 37.419 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	33.2	26.9	40.3

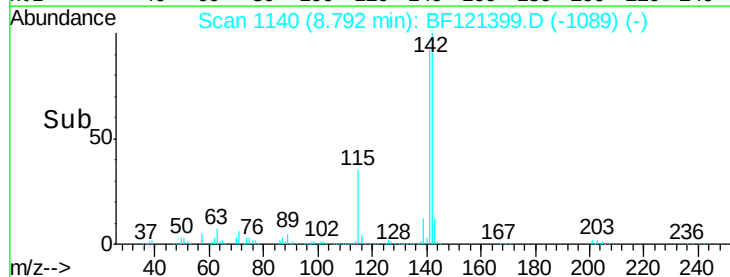
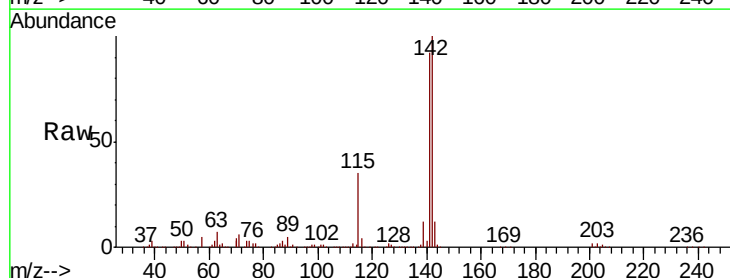
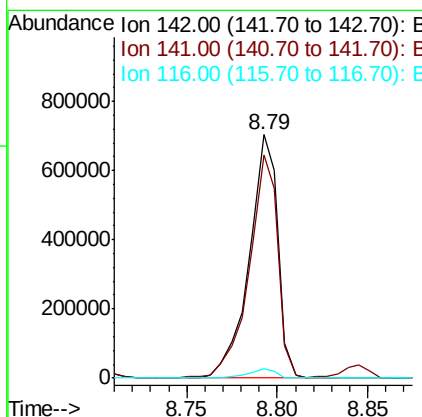
Manual Integrations
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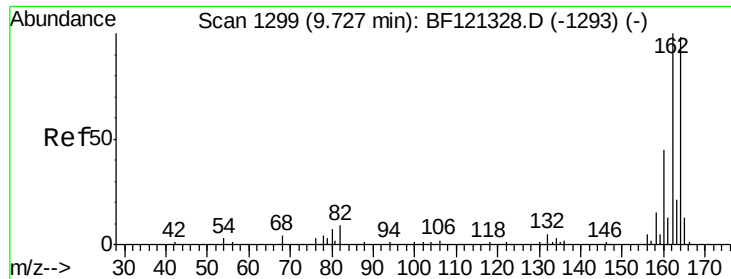
mohammad
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#38
1-Methylnaphthalene
Concen: 37.057 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.6
116	3.6	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: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

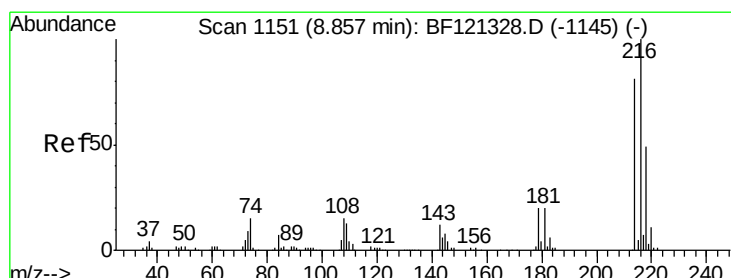
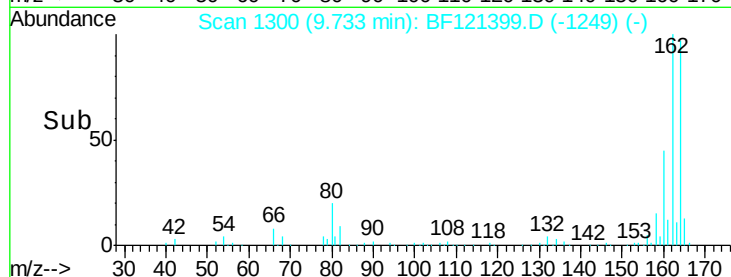
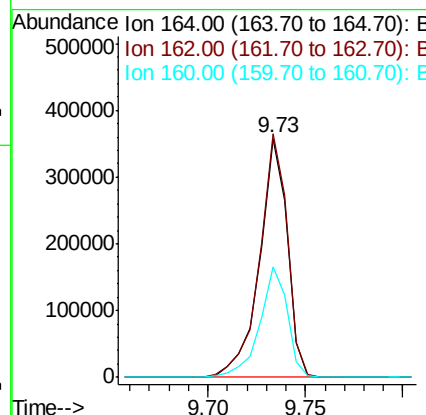
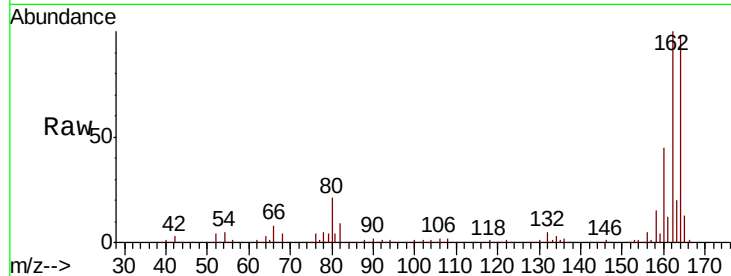
ClientSampleId :

PB131036BS

Tot Ion:	164	Resp:	353208
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.9	122.9
160	46.0	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.250 ng

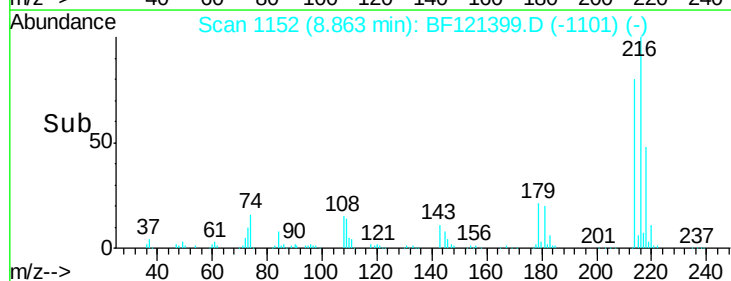
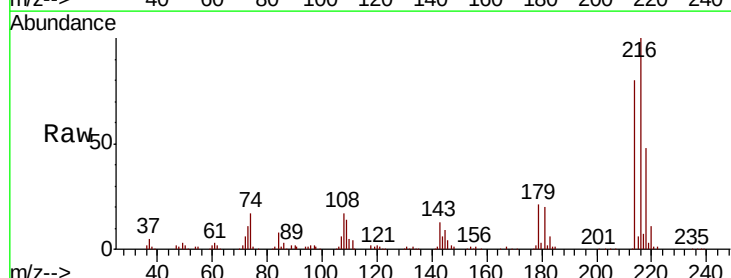
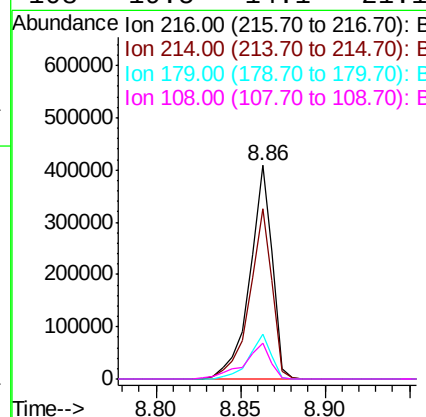
RT: 8.86 min Scan# 1152

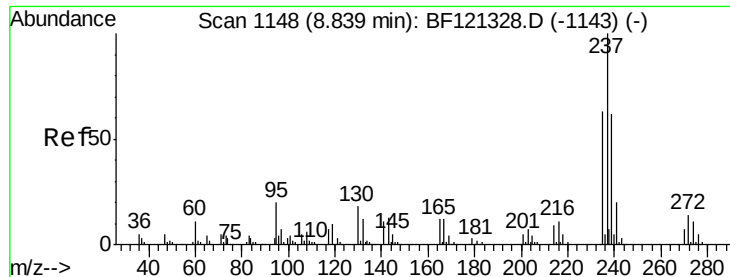
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	216	Resp:	380020
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.6
179	20.7	16.6	24.8
108	19.5	14.1	21.1





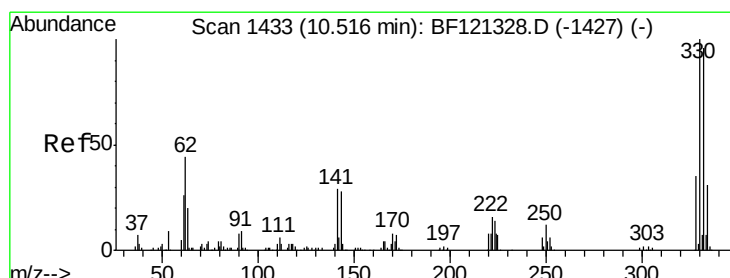
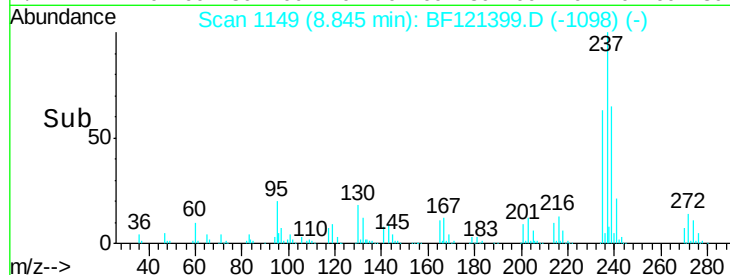
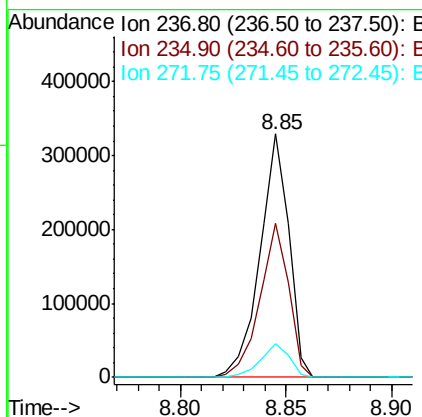
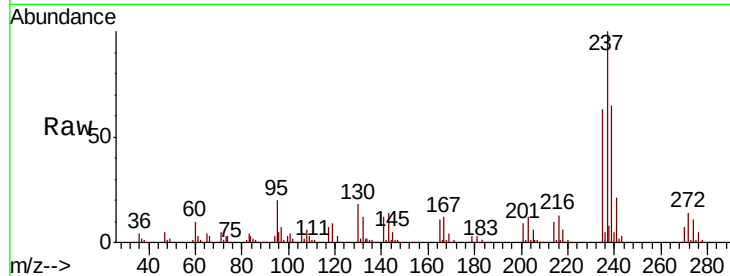
#41
Hexachlorocyclopentadiene
Concen: 75.879 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	313604		
235	63.5	42.8	82.8	
272	13.9	0.0	33.3	

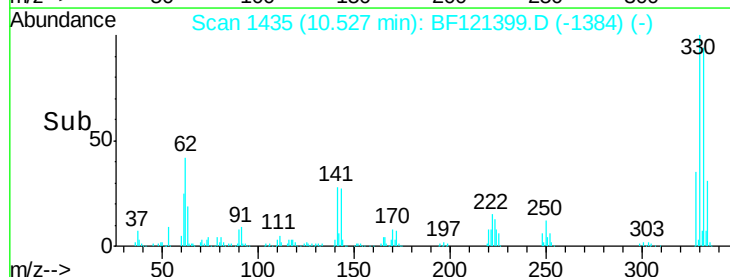
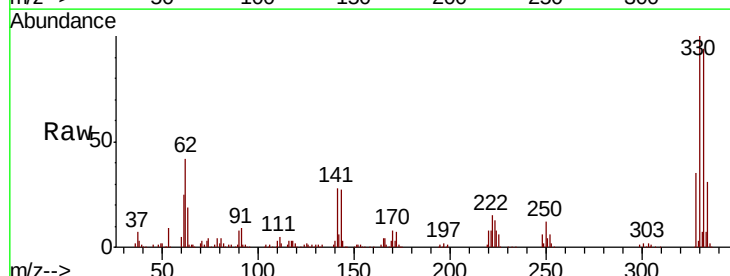
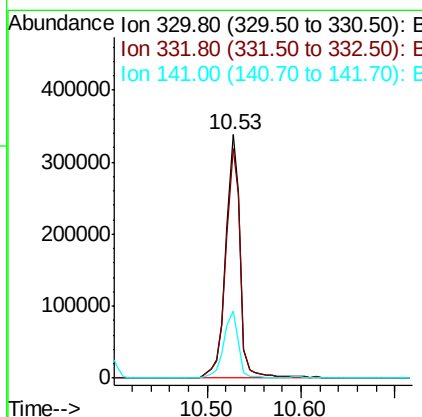
Manual Integrations
APPROVED

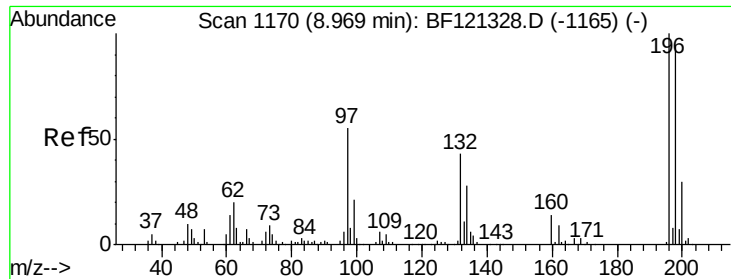
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#42
2,4,6-Tribromophenol
Concen: 87.757 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	361206		
332	96.8	77.0	115.6	
141	28.5	22.8	34.2	





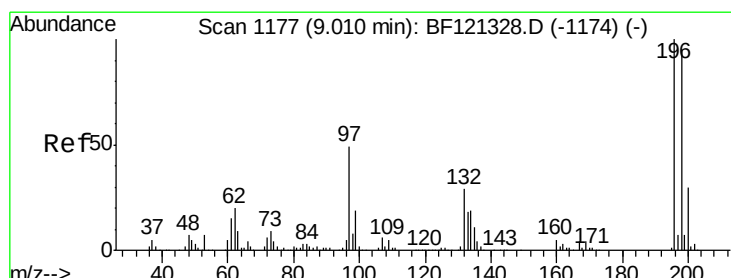
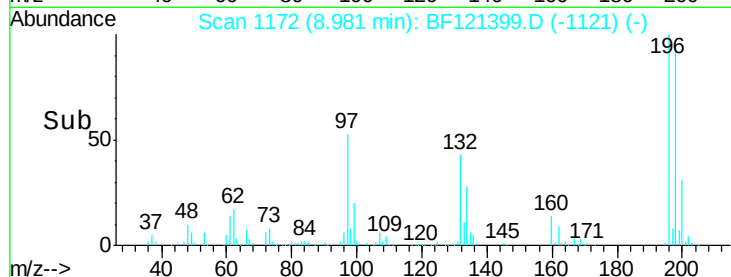
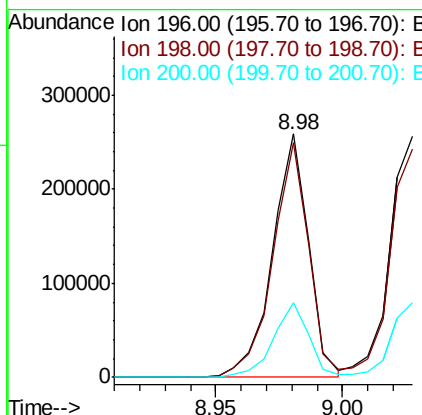
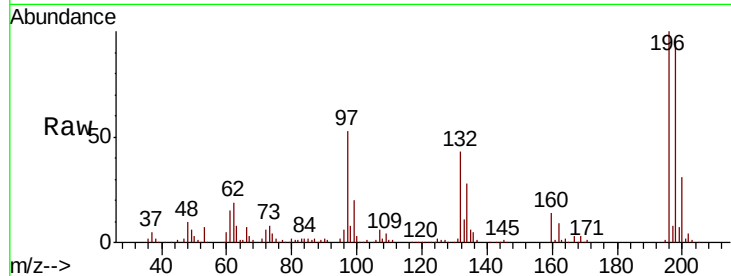
#43
 2,4,6-Trichlorophenol
 Concen: 35.603 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255158		
198	96.3	76.6	114.8	
200	30.7	24.7	37.1	

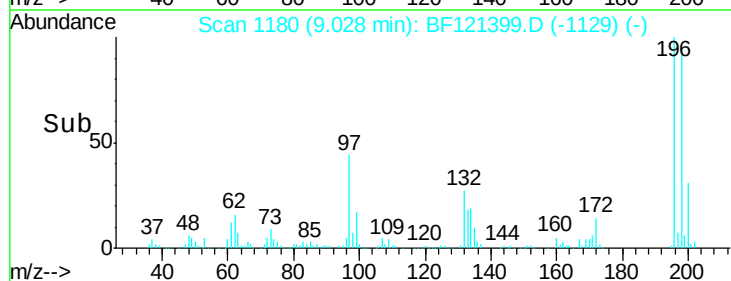
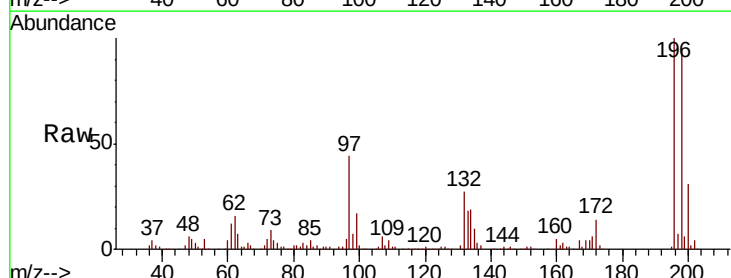
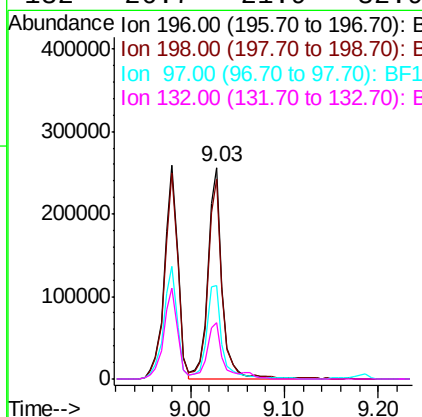
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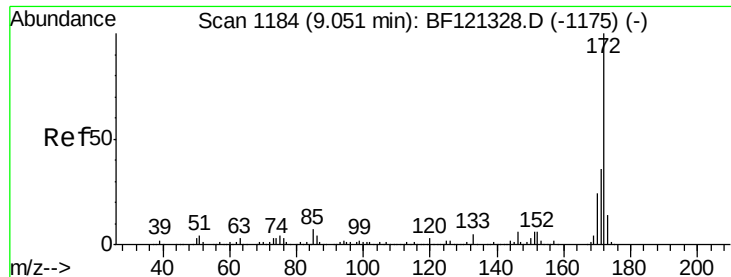
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#44
 2,4,5-Trichlorophenol
 Concen: 36.785 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	271233		
198	94.5	76.5	114.7	
97	44.2	37.3	55.9	
132	26.7	21.9	32.9	





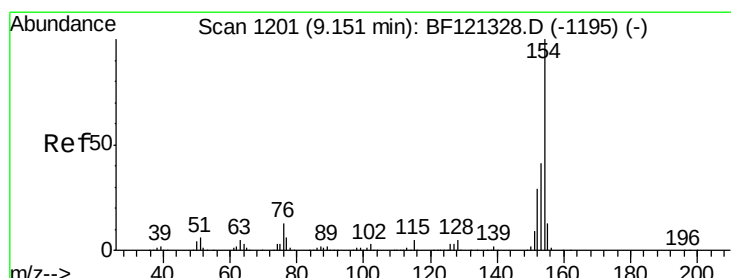
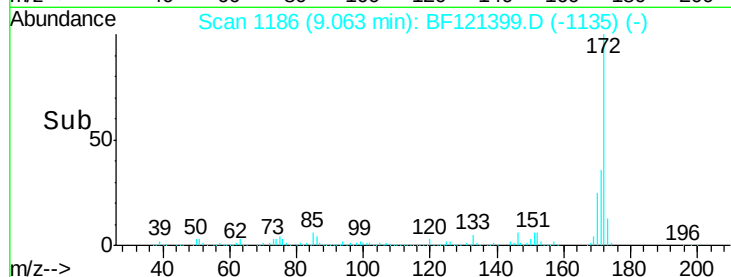
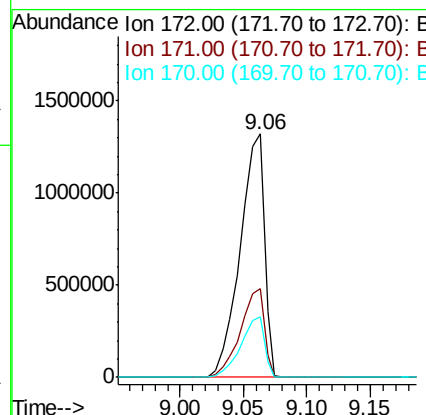
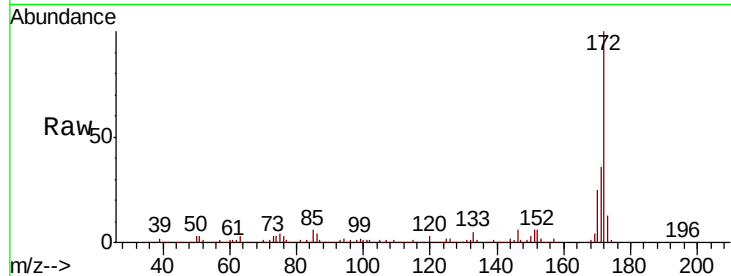
#45
2-Fluorobiphenyl
Concen: 96.792 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.7	19.6	29.4

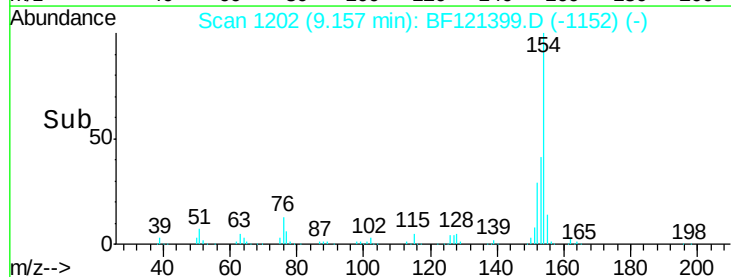
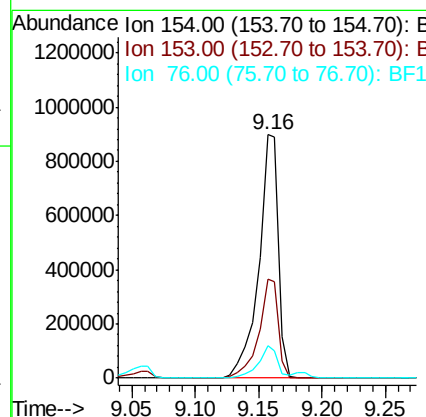
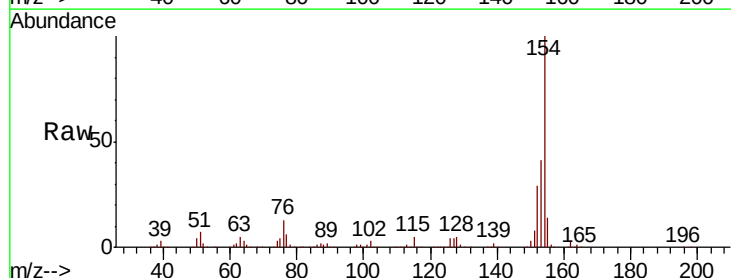
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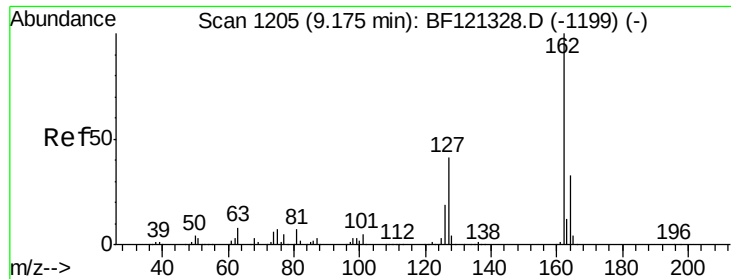
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#46
1,1'-Biphenyl
Concen: 37.008 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	13.4	0.0	31.9





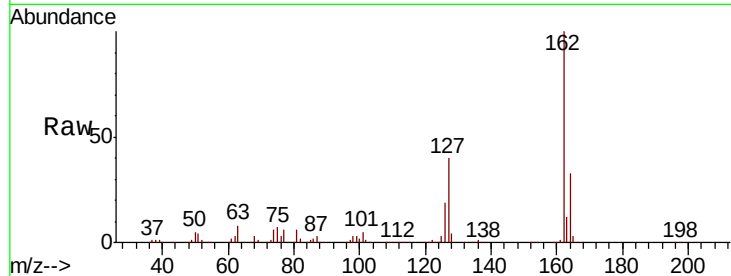
#47
 2-Chloronaphthalene
 Concen: 34.527 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	753050		
127	39.6		32.4	48.6
164	33.4		26.4	39.6

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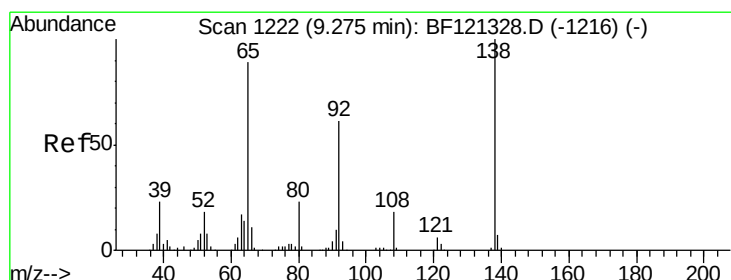
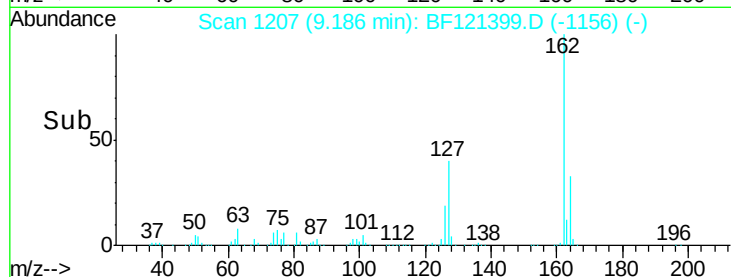
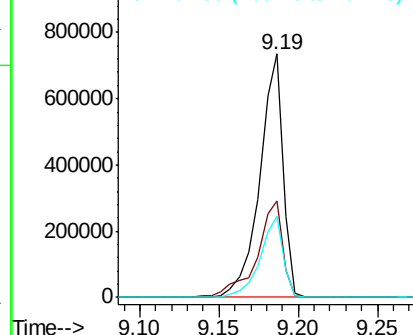


Abundance

Ion 162.00 (161.70 to 162.70): E

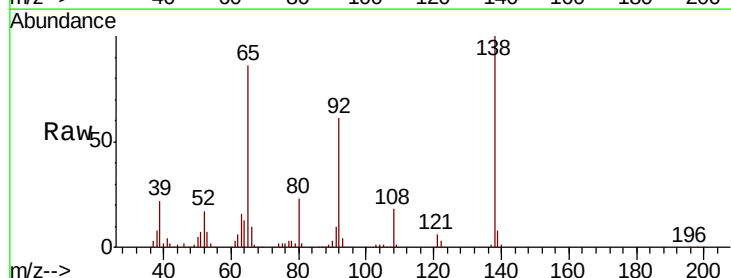
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 34.612 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	237682		
92	71.0		58.0	87.0
138	116.6		94.1	141.1

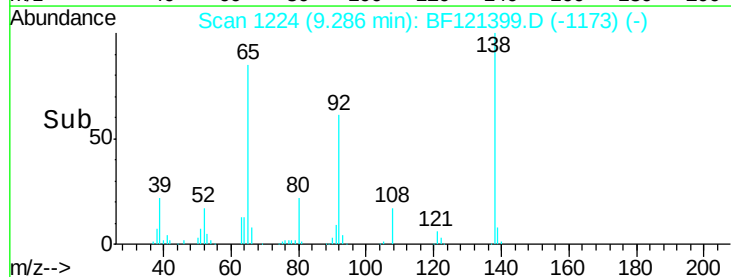
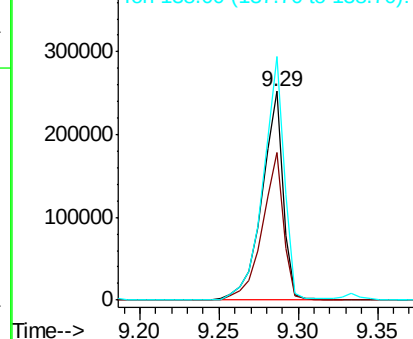


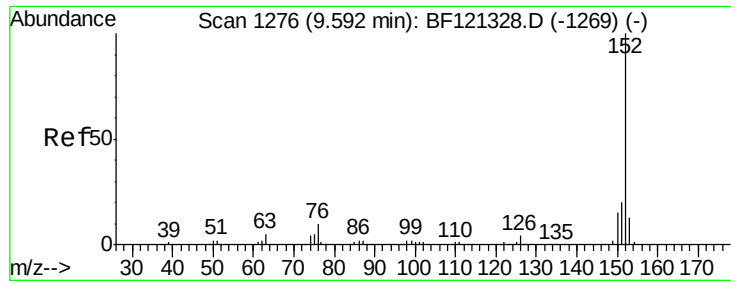
Abundance

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





#49

Acenaphthylene

Concen: 36.460 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

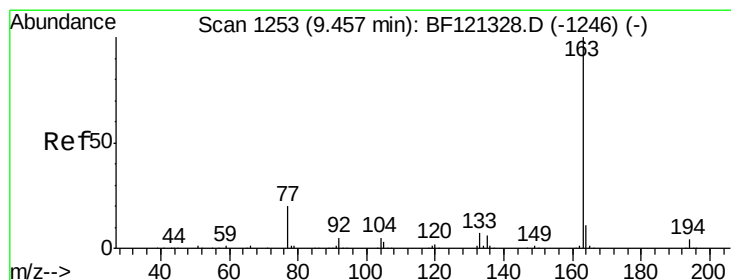
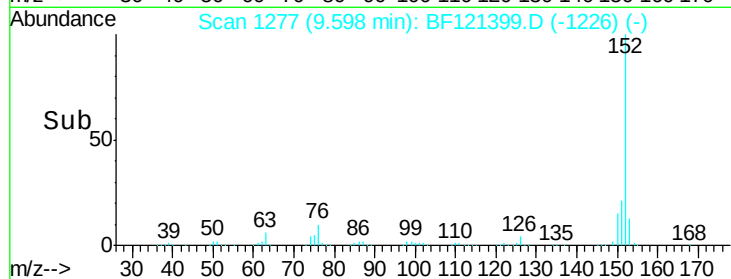
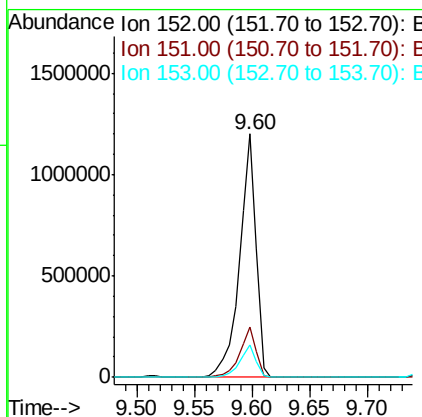
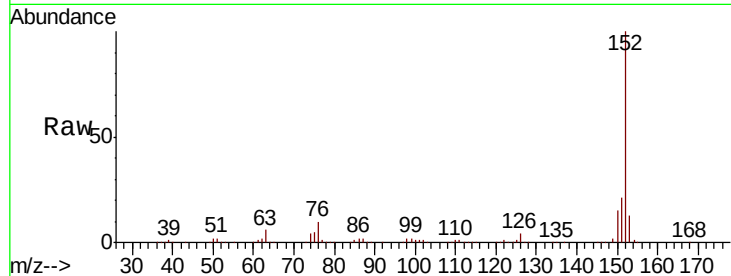
ClientSampleId :

PB131036BS

Tot Ion:	152	Resp:	1181122
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	13.4	10.8	16.2

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#50

Dimethylphthalate

Concen: 34.995 ng

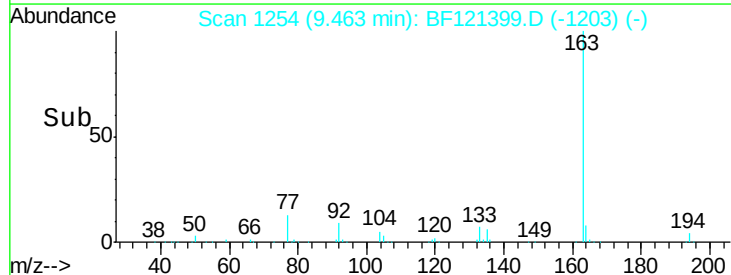
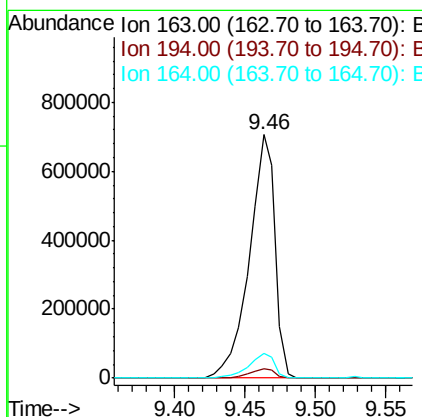
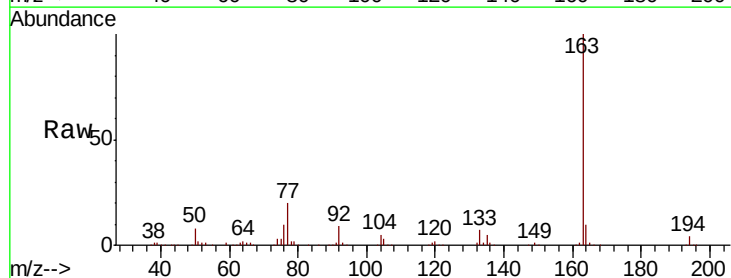
RT: 9.46 min Scan# 1254

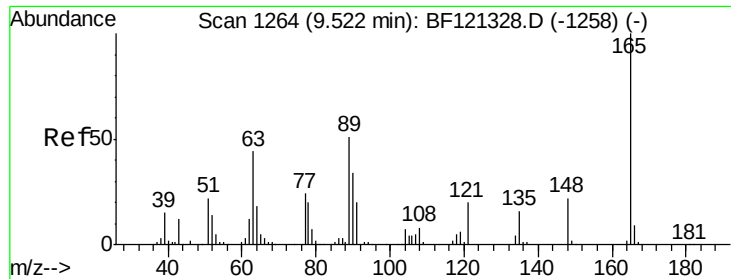
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	163	Resp:	899264
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.4	8.5	12.7





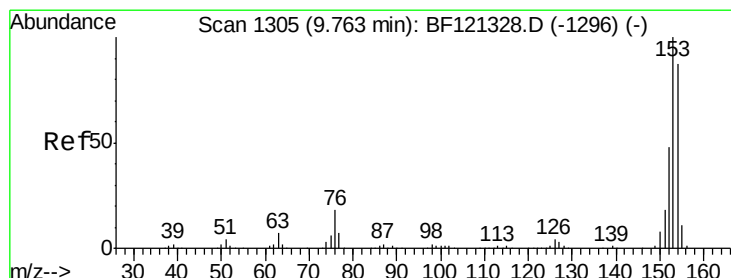
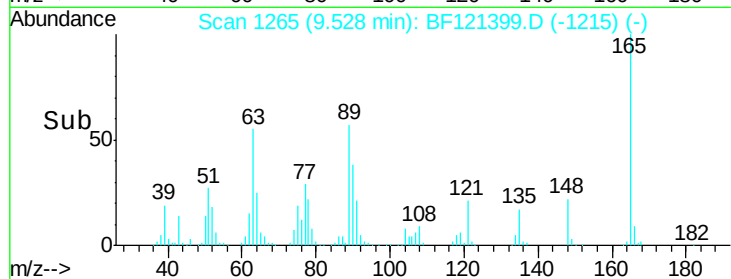
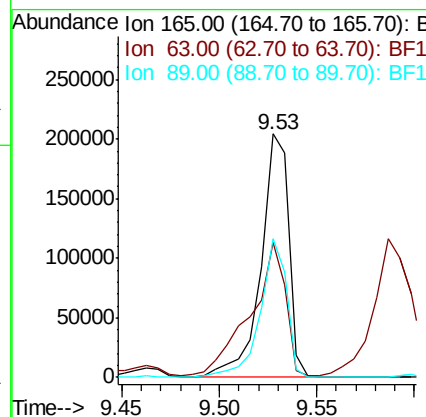
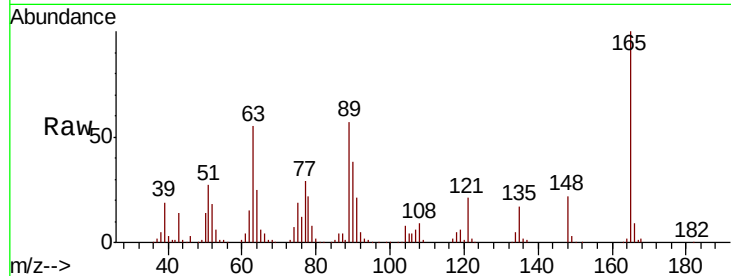
#51
 2,6-Dinitrotoluene
 Concen: 36.773 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampled :
 PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	201807		
63	55.3	36.1	54.1#	
89	57.0	39.4	59.2	

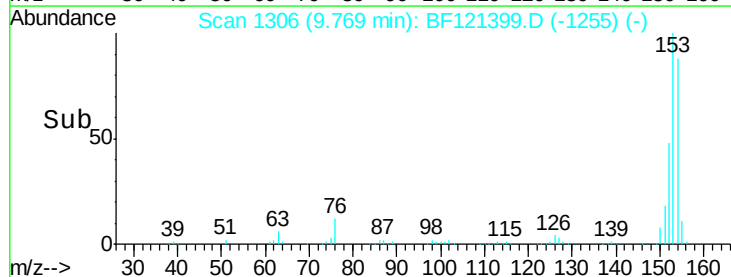
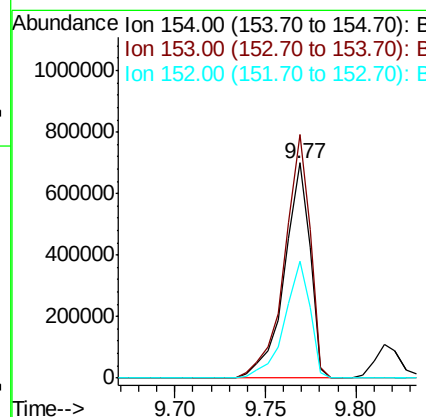
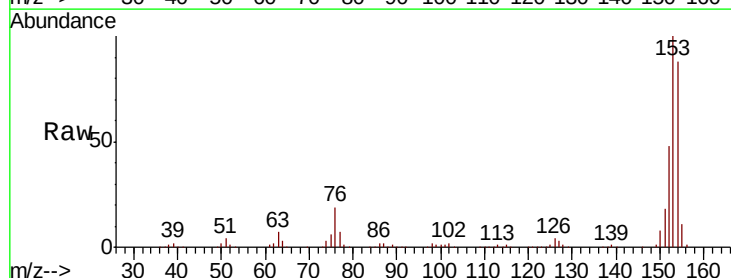
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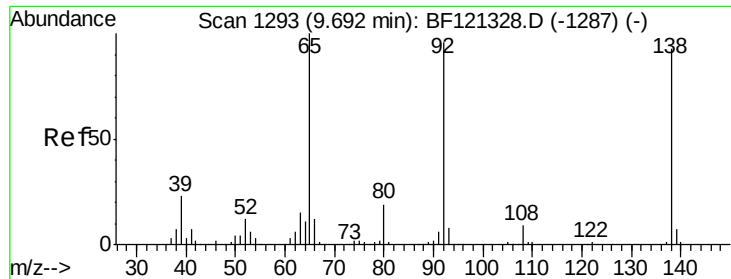
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#52
 Acenaphthene
 Concen: 35.103 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	690956		
153	113.2	89.1	133.7	
152	54.5	43.2	64.8	





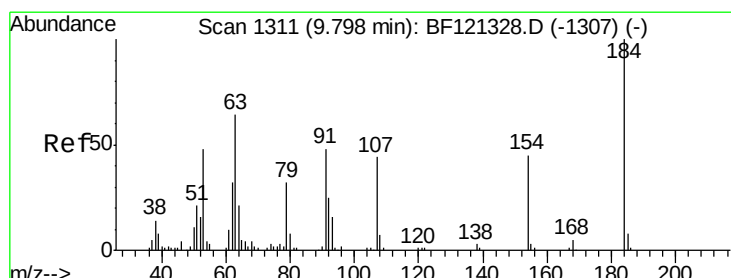
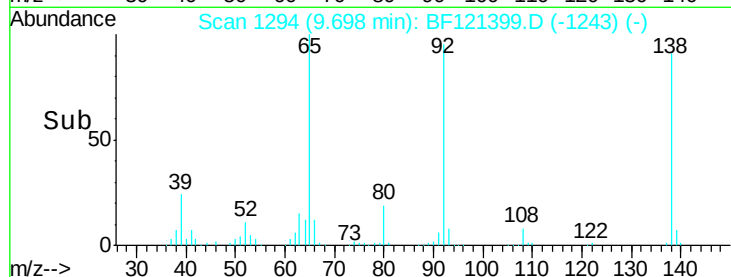
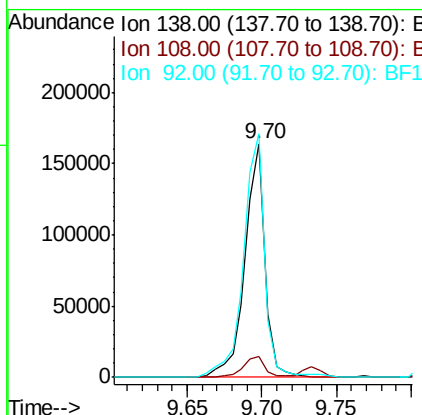
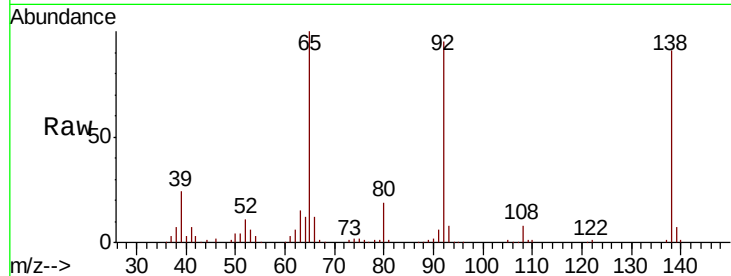
#53
3-Nitroaniline
Concen: 22.318 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.9	11.9
92	104.1	87.2	130.8

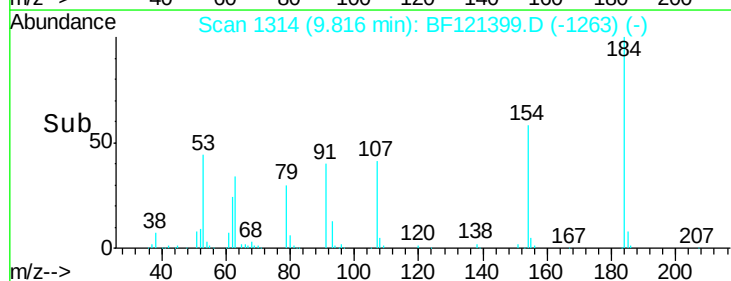
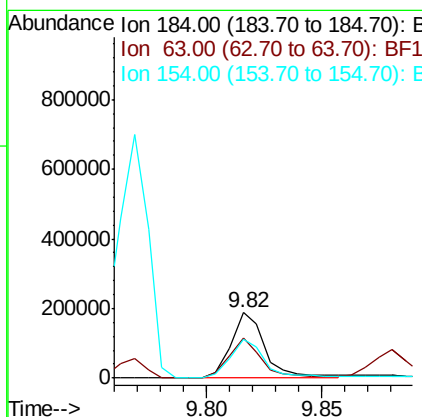
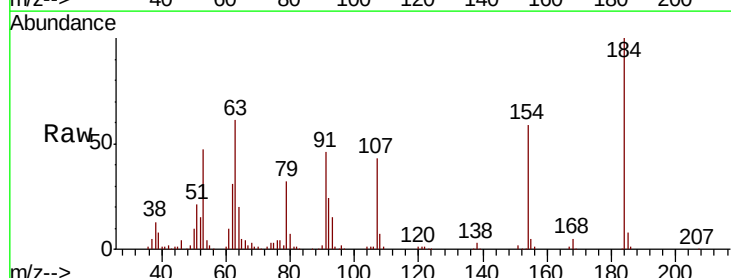
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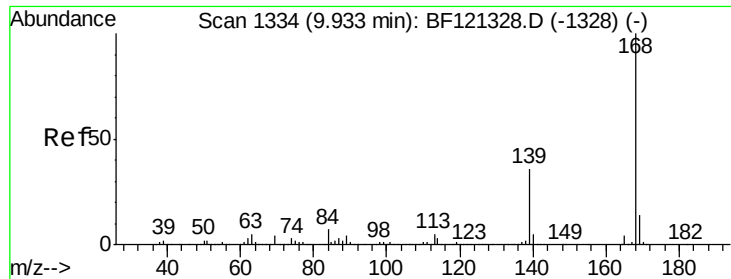
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#54
2,4-Dinitrophenol
Concen: 73.326 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.4	48.2	72.2
154	58.7	47.7	71.5





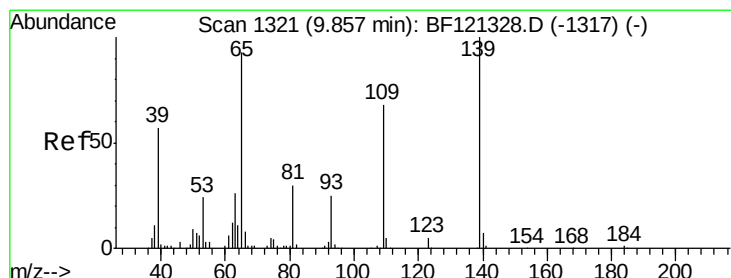
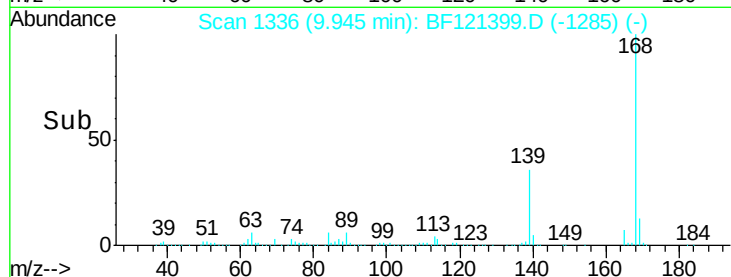
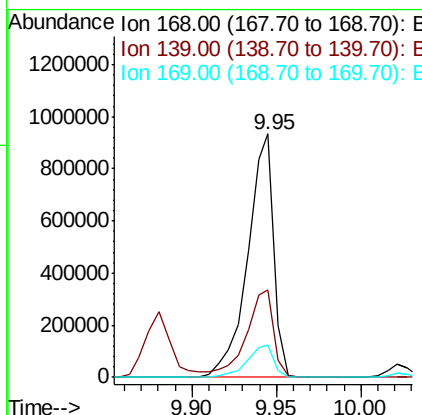
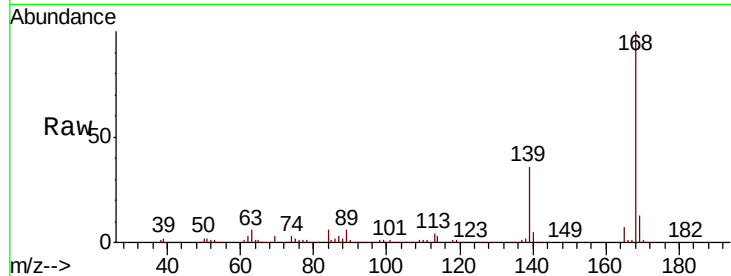
#55
Dibenzofuran
Concen: 39.319 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	28.2	42.4
169	13.3	10.6	16.0

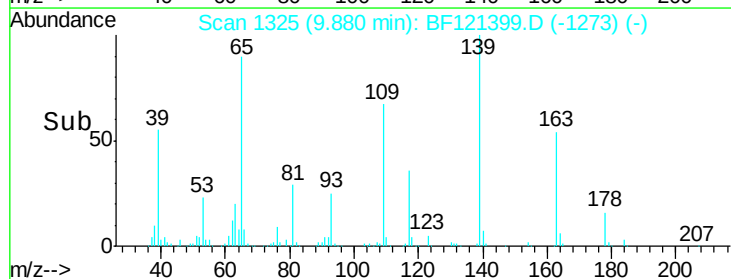
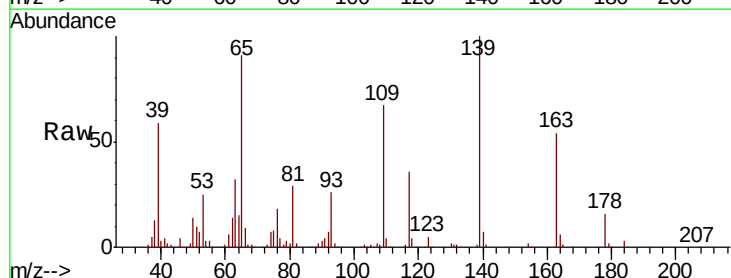
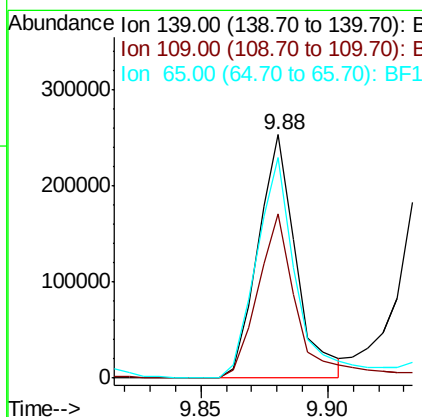
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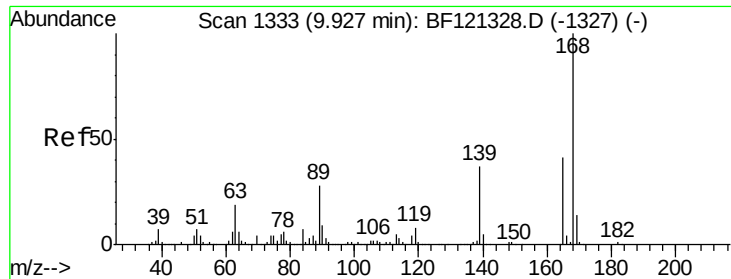
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#56
4-Nitrophenol
Concen: 62.614 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.4	46.1	86.1
65	90.6	71.1	111.1





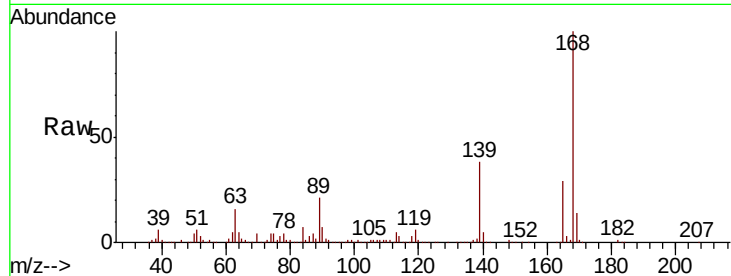
#57
 2,4-Dinitrotoluene
 Concen: 35.331 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

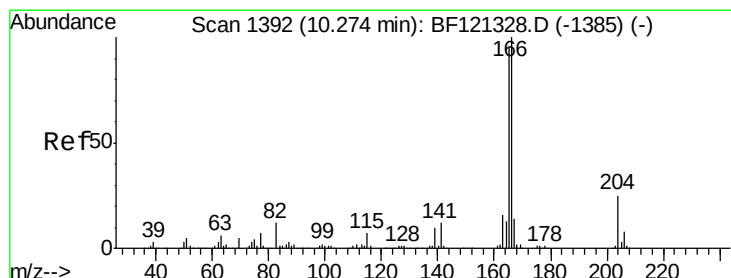
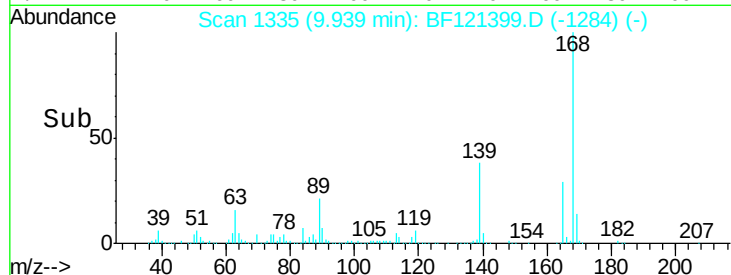
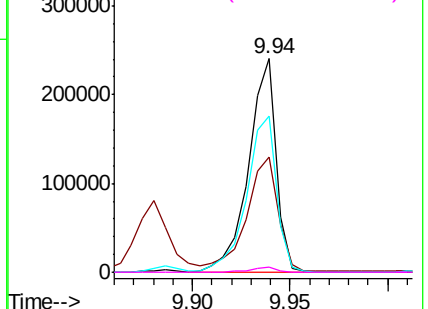
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.2	45.0	67.6	
89	73.0	60.2	90.2	
182	2.6	2.1	3.1	

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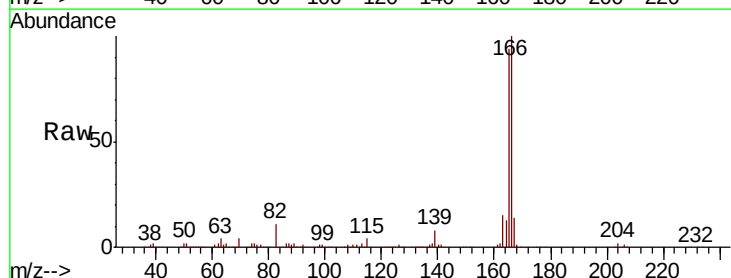


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

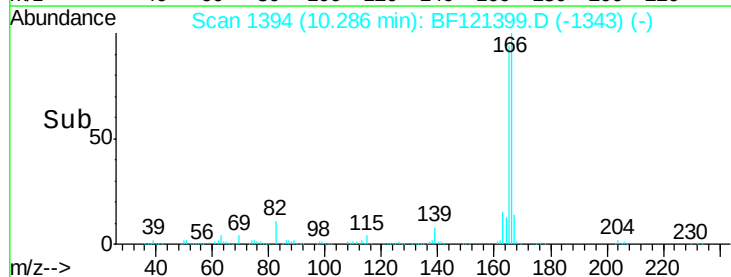
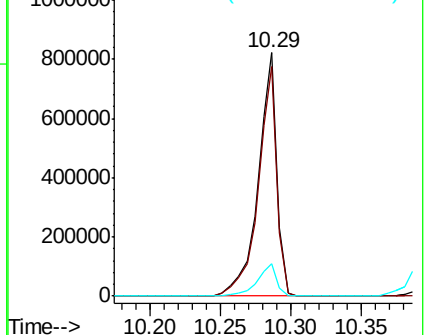


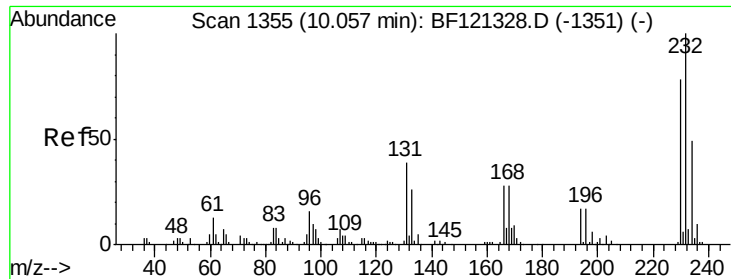
#58
 Fluorene
 Concen: 40.879 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.0	75.0	112.6	
167	13.5	10.8	16.2	



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 35.394 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion:232 Resp: 223095

Ion Ratio Lower Upper

232 100

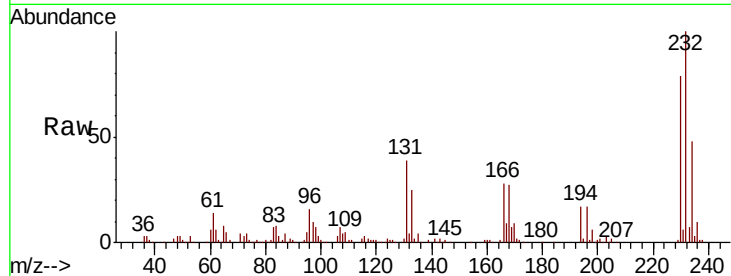
131 44.0 32.5 48.7

130 2.1 1.5 2.3

166 28.7 21.8 32.8

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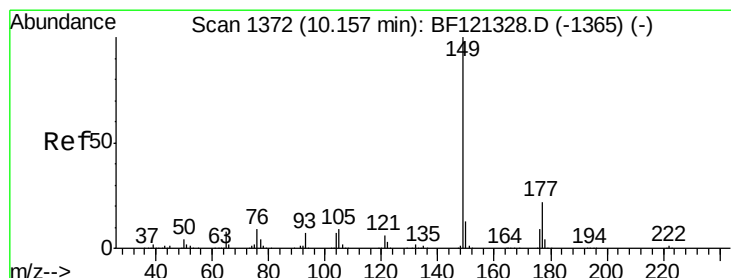
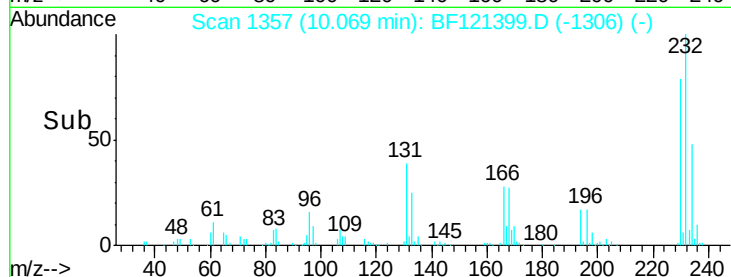
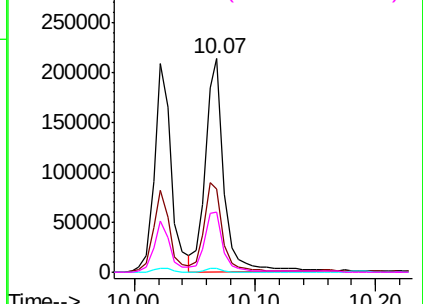


Abundance Ion 232.00 (231.70 to 232.70): E

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: 34.724 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

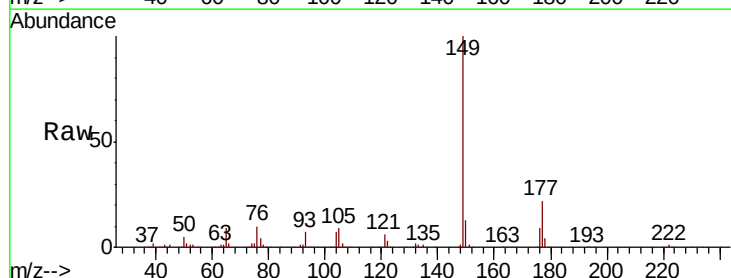
Tgt Ion:149 Resp: 871313

Ion Ratio Lower Upper

149 100

177 22.0 17.8 26.6

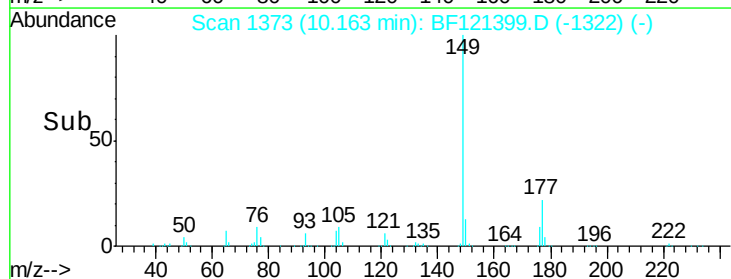
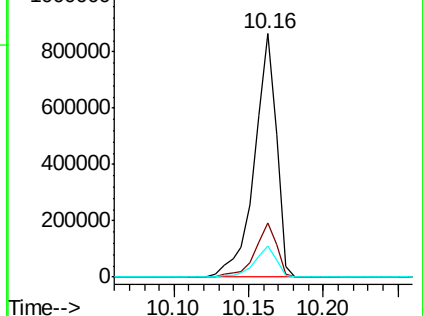
150 12.8 10.0 15.0

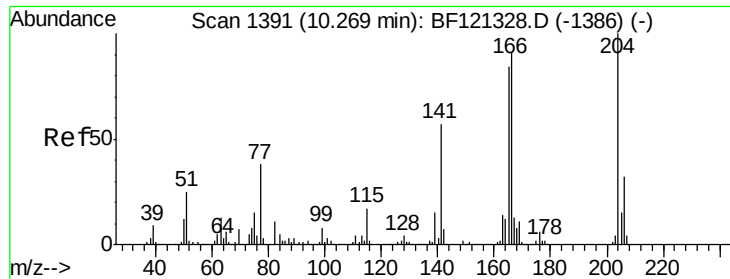


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





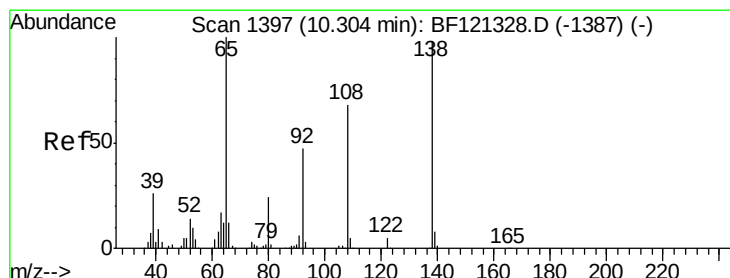
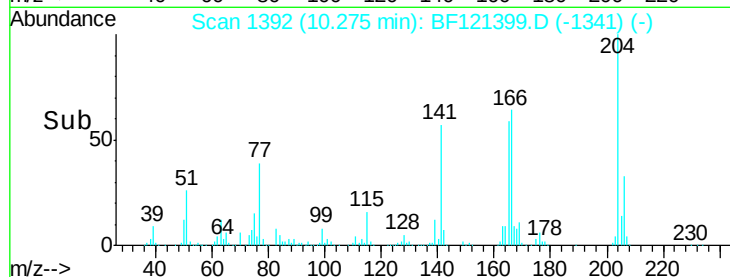
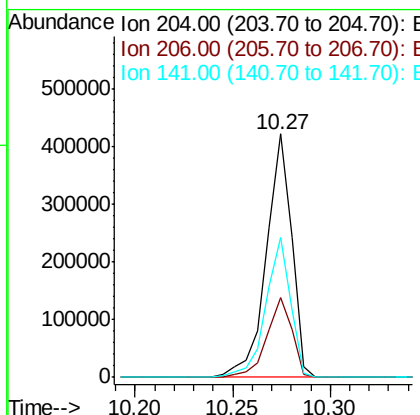
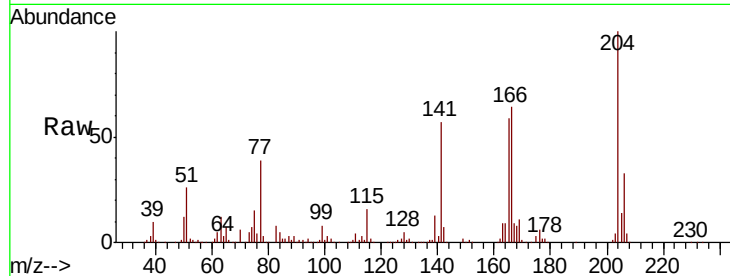
#61
4-Chlorophenyl-phenylether
Concen: 40.150 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB131036BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.4
141	57.4	46.2	69.4

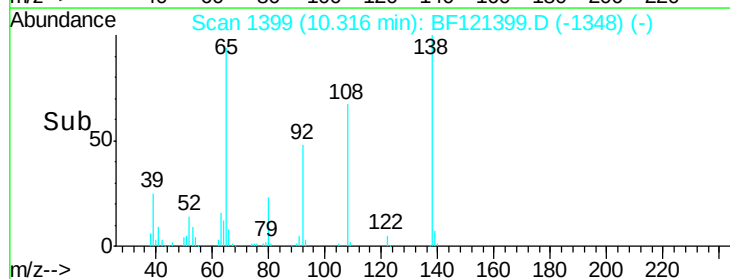
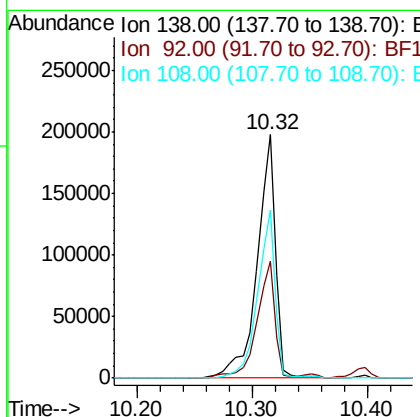
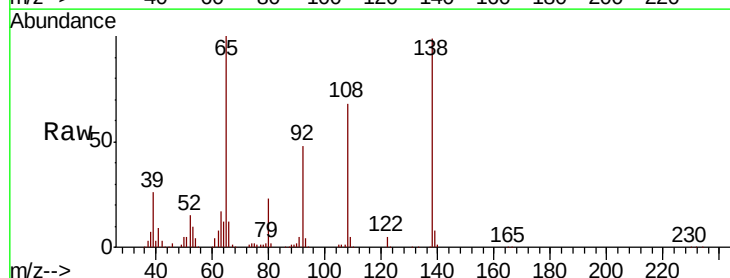
Manual Integrations
APPROVED

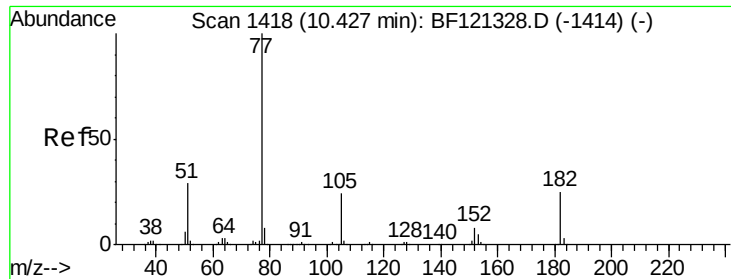
mohammad
8/25/2020 4:19:04 PM



#62
4-Nitroaniline
Concen: 31.528 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	26.6	66.6
108	68.8	48.9	88.9





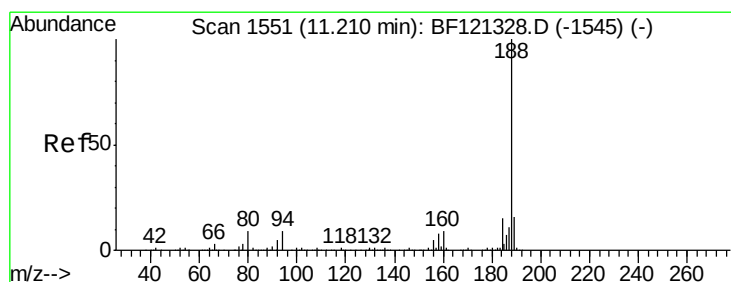
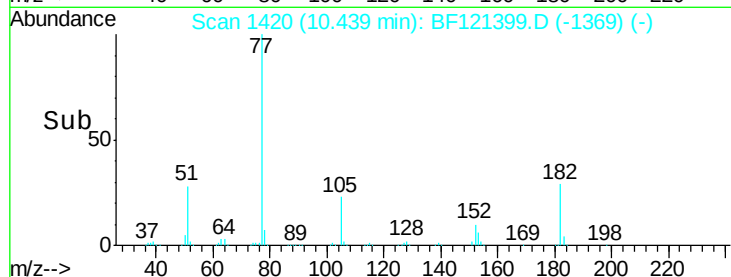
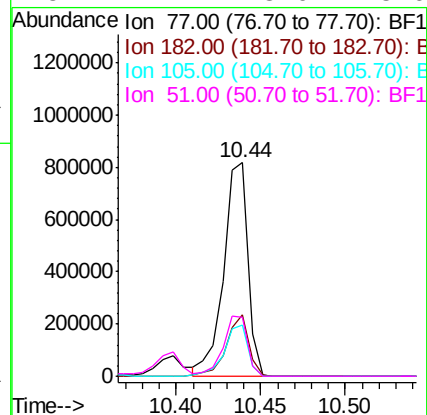
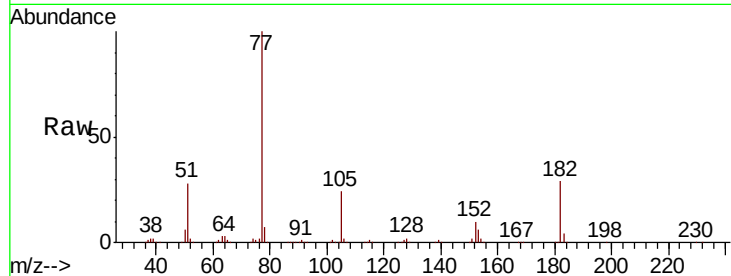
#63
Azobenzene
Concen: 35.091 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	7.7	47.7
105	23.9	3.8	43.8
51	27.7	8.0	48.0

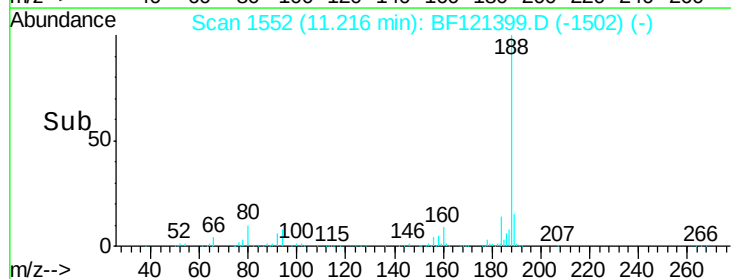
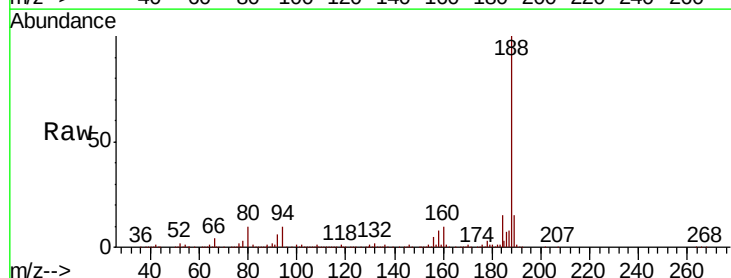
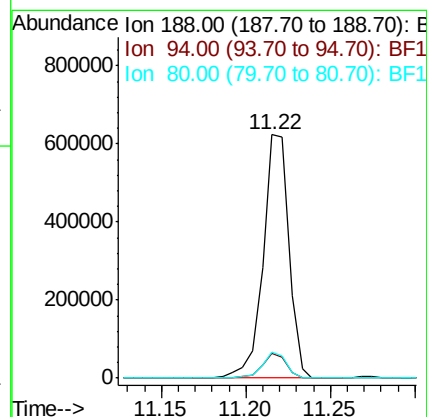
Manual Integrations
APPROVED

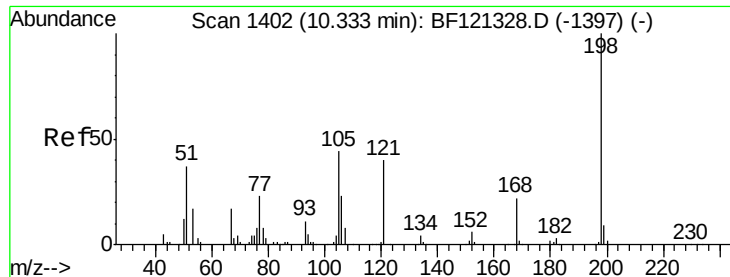
mohammad
8/25/2020 4:19:04 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.1	10.7
80	10.5	7.1	10.7





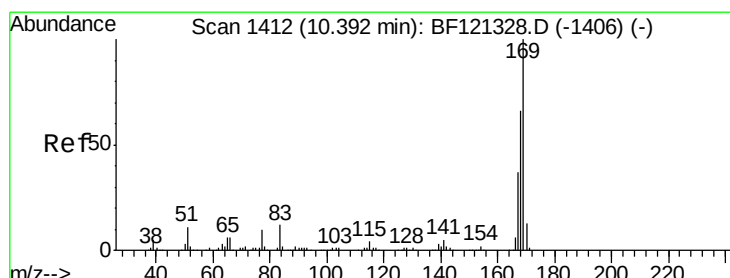
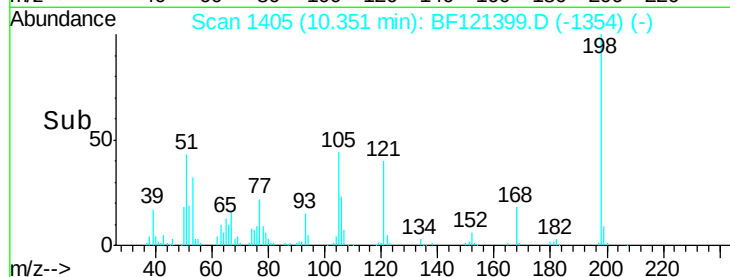
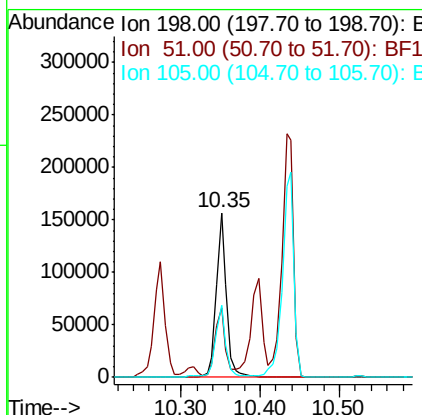
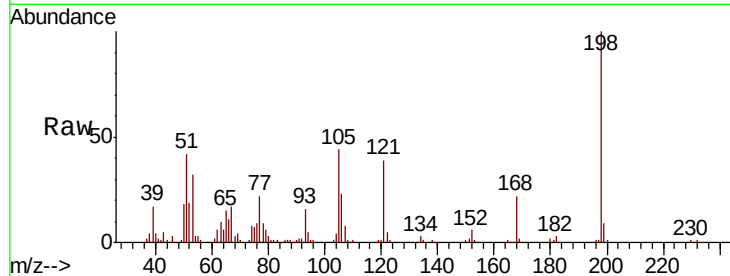
#65
4,6-Dinitro-2-methylphenol
Concen: 40.330 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	142922		
51	42.4	23.9	63.9	
105	43.6	24.8	64.8	

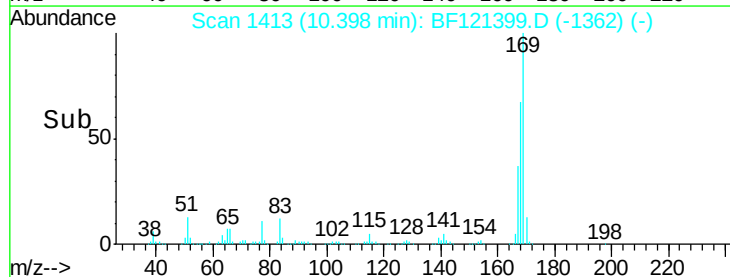
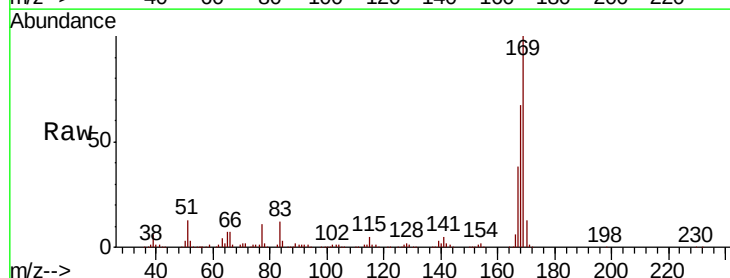
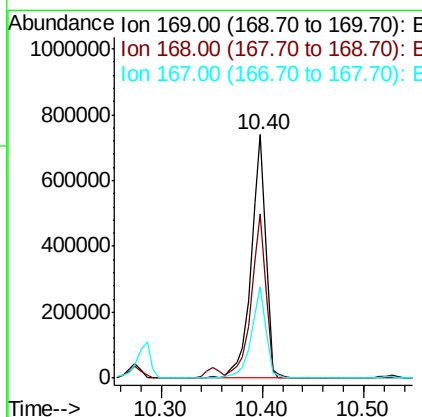
Manual Integrations
APPROVED

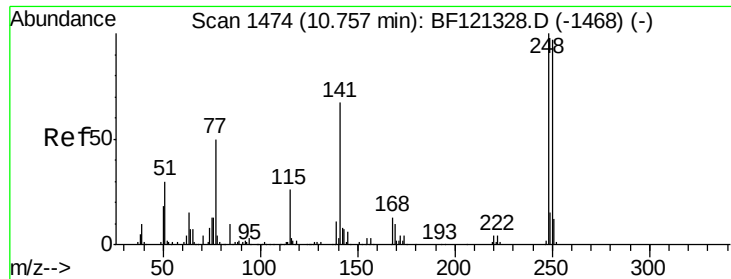
mohammad
8/25/2020 4:19:04 PM



#66
n-Nitrosodiphenylamine
Concen: 36.191 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	739749		
168	67.3	53.9	80.9	
167	37.5	29.9	44.9	





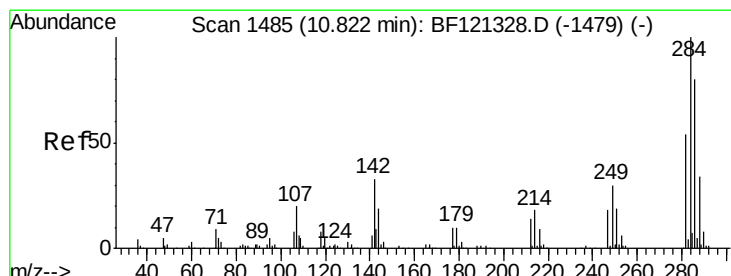
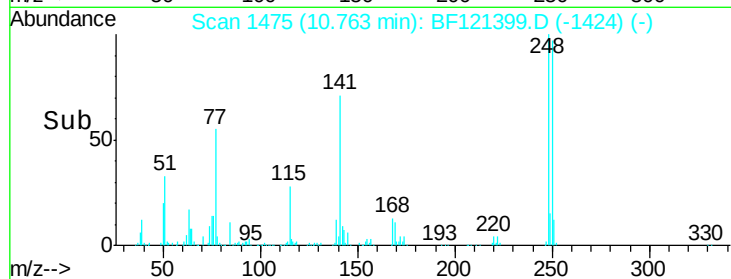
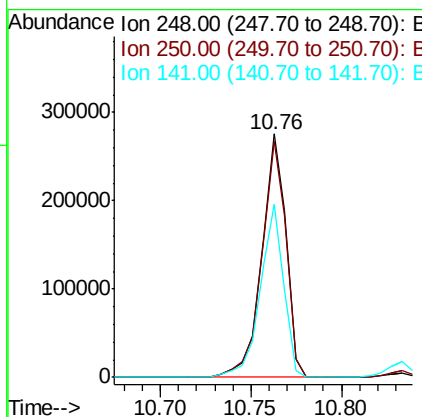
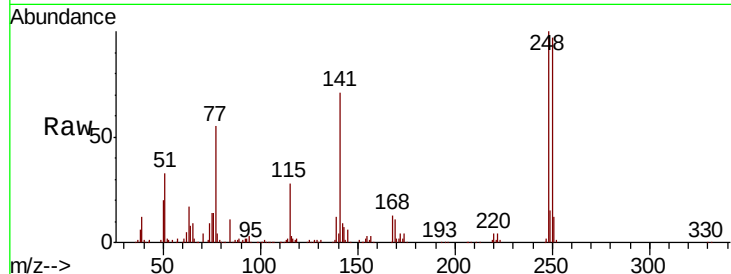
#67
 4-Bromophenyl-phenylether
 Concen: 34.799 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion:	248	Resp:	255794
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.0	115.6
141	71.1	57.4	86.2

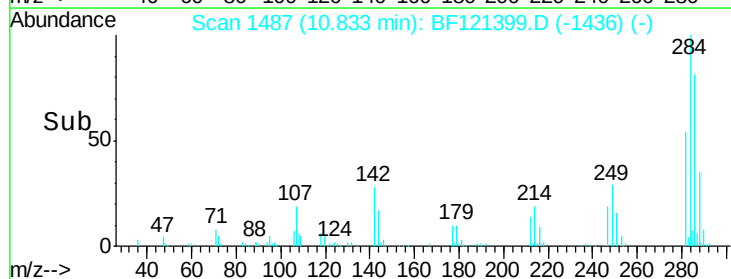
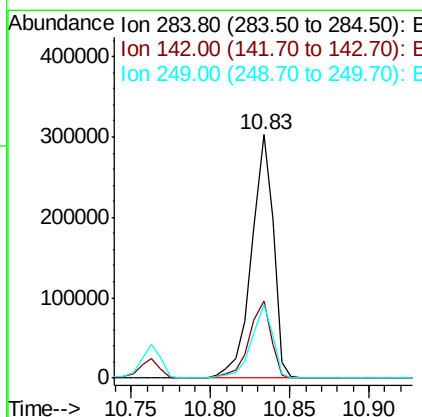
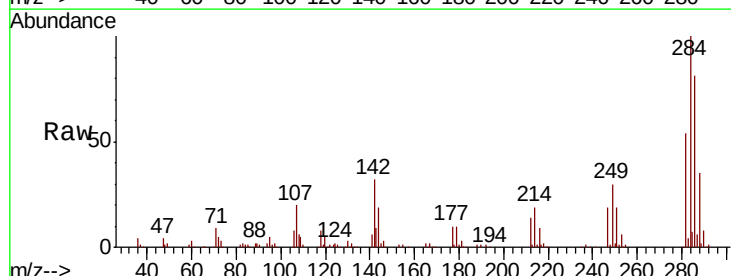
Manual Integrations
 APPROVED

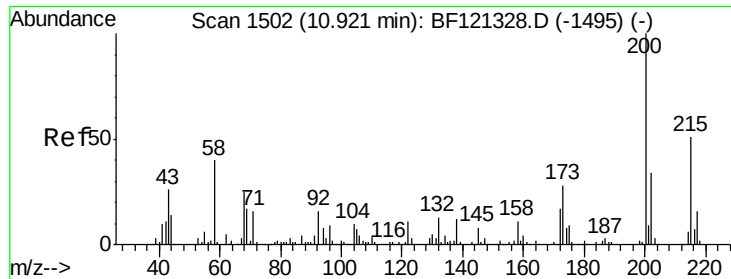
mohammad
 8/25/2020 4:19:04 PM



#68
 Hexachlorobenzene
 Concen: 34.236 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion:	284	Resp:	290076
Ion Ratio	Lower	Upper	
284	100		
142	31.7	26.5	39.7
249	29.9	23.7	35.5





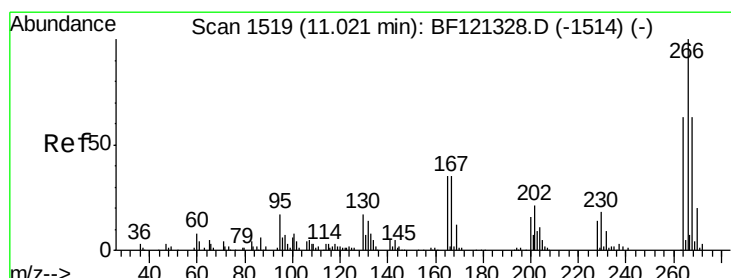
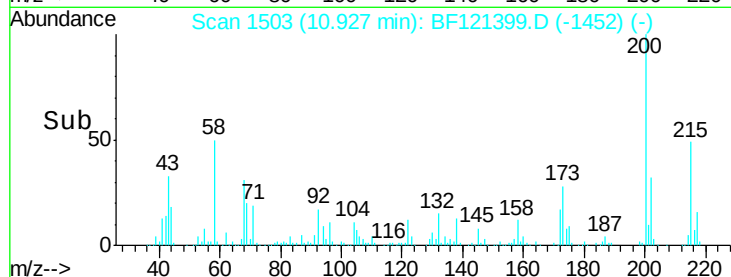
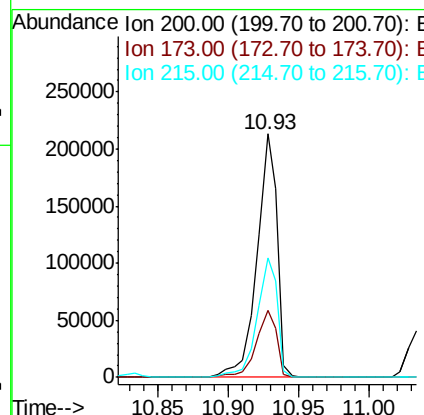
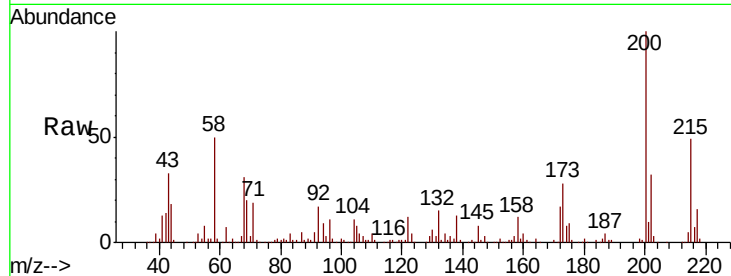
#69
Atrazine
Concen: 33.754 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampled :
PB131036BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	8.5	48.5
215	49.2	30.3	70.3

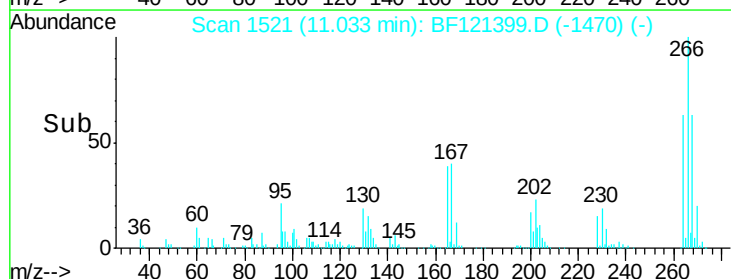
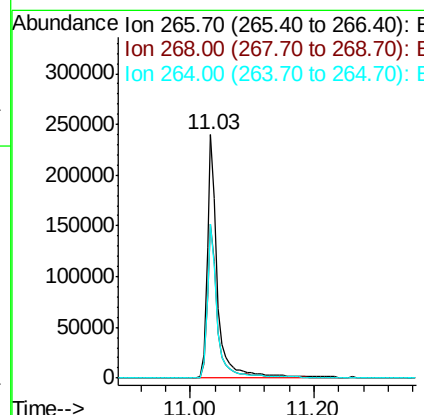
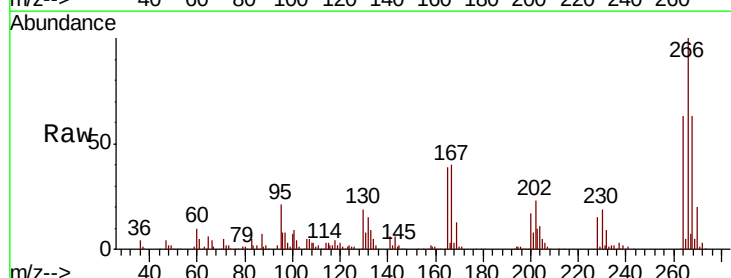
Manual Integrations
APPROVED

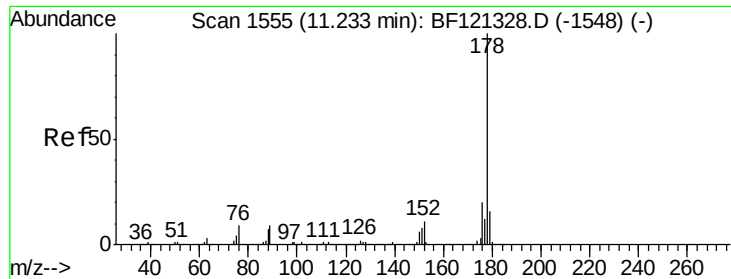
mohammad
8/25/2020 4:19:04 PM



#70
Pentachlorophenol
Concen: 75.245 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	50.3	75.5
264	63.1	50.3	75.5





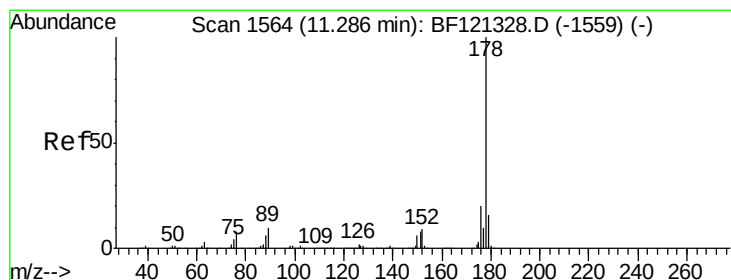
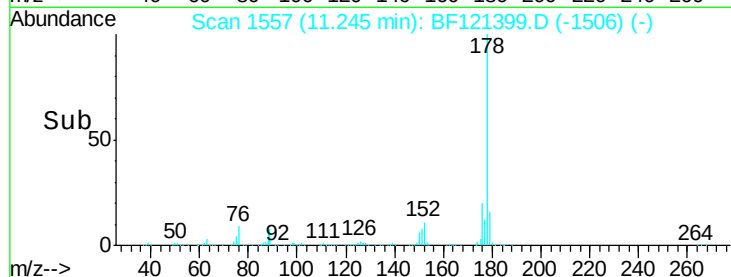
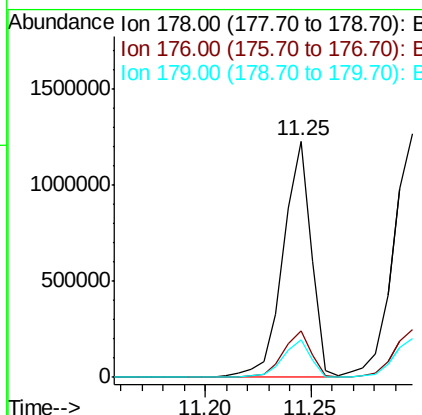
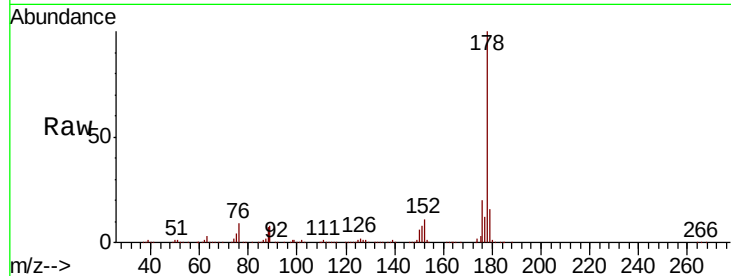
#71
Phenanthrene
Concen: 33.368 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion:178 Resp: 1144383
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.4
179 15.9 12.7 19.1

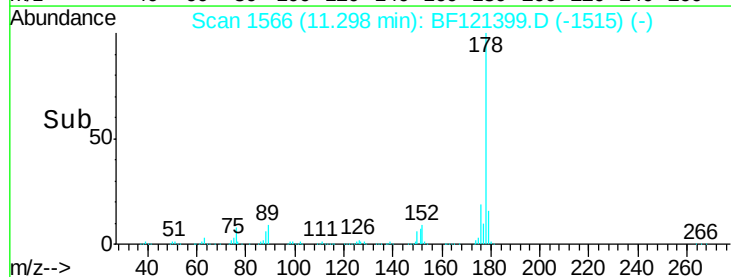
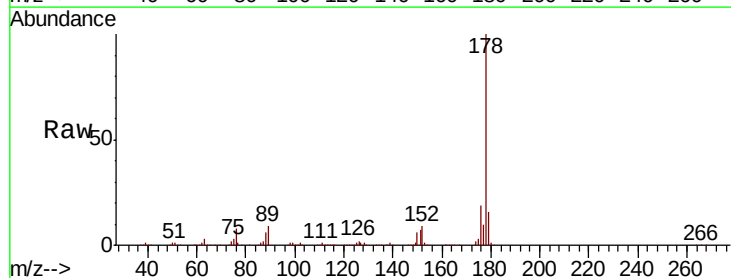
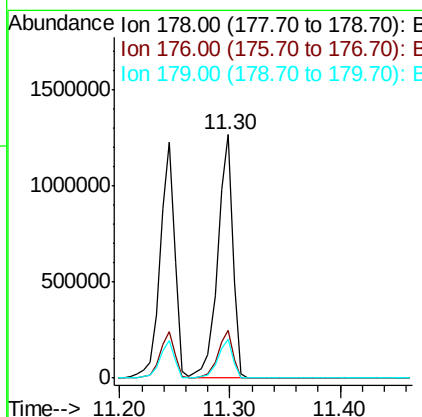
Manual Integrations
APPROVED

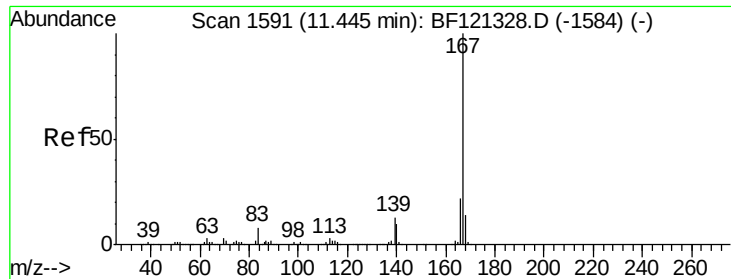
mohammad
8/25/2020 4:19:04 PM



#72
Anthracene
Concen: 36.466 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion:178 Resp: 1204335
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.6 18.8





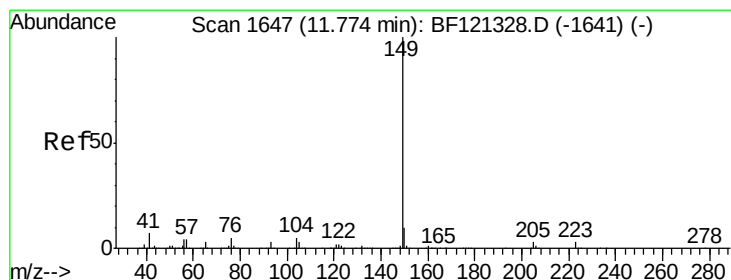
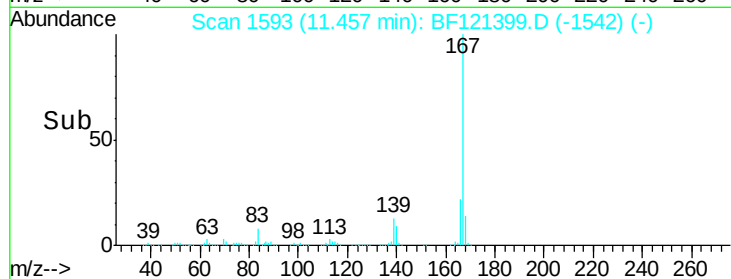
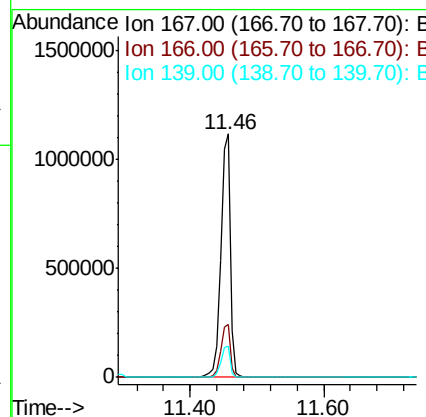
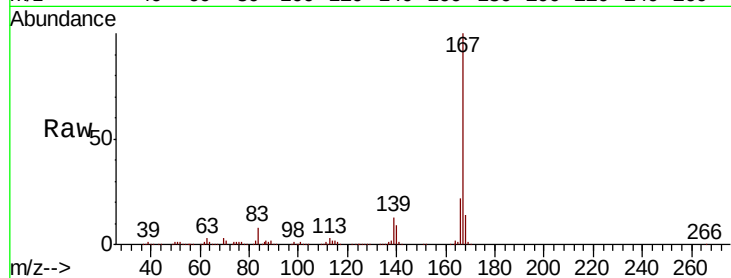
#73
 Carbazole
 Concen: 35.683 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	12.7	9.8	14.8

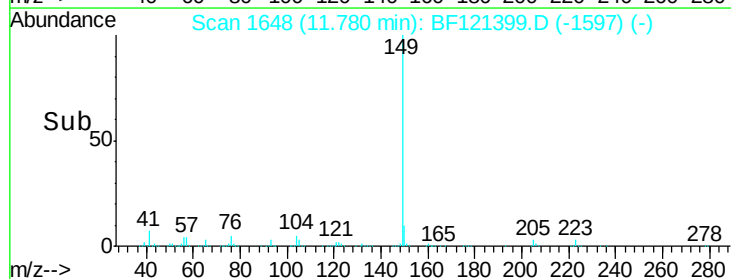
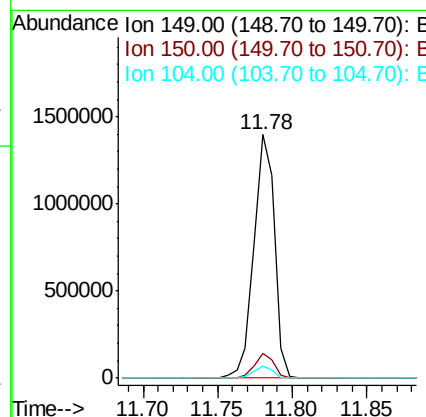
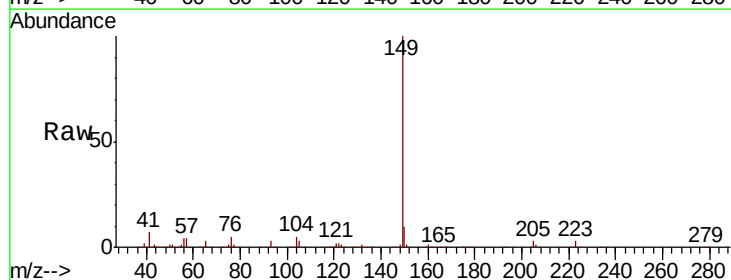
Manual Integrations
 APPROVED

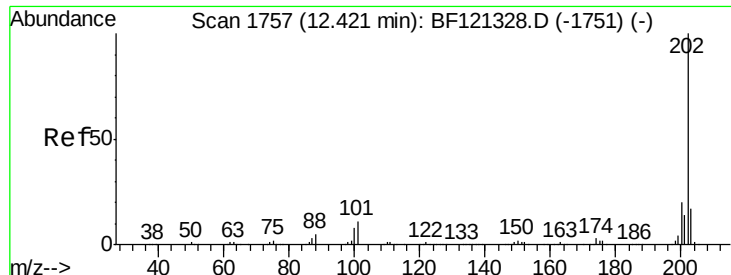
mohammad
 8/25/2020 4:19:04 PM



#74
 Di-n-butylphthalate
 Concen: 34.715 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.8	3.9	5.9





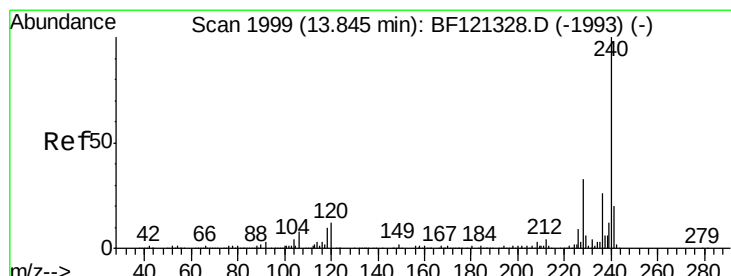
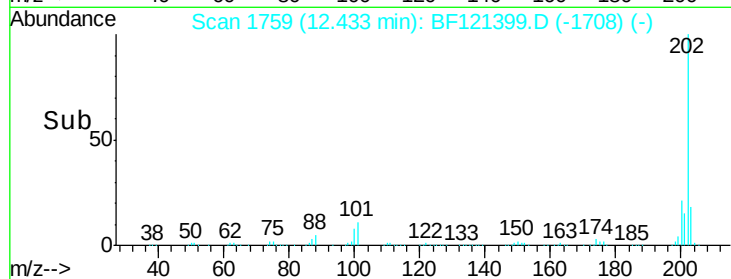
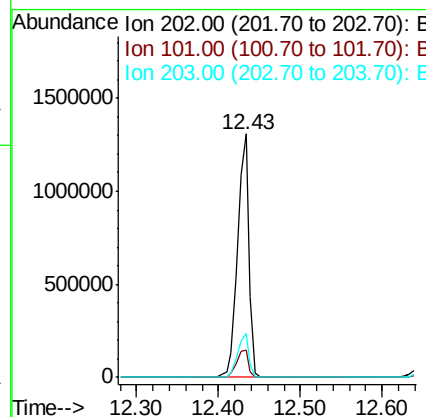
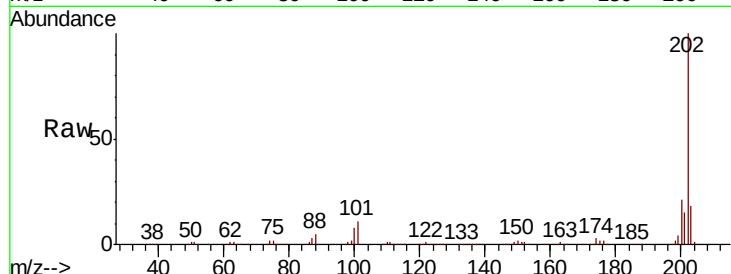
#75
Fluoranthene
Concen: 34.063 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.0
203	18.0	0.0	38.0

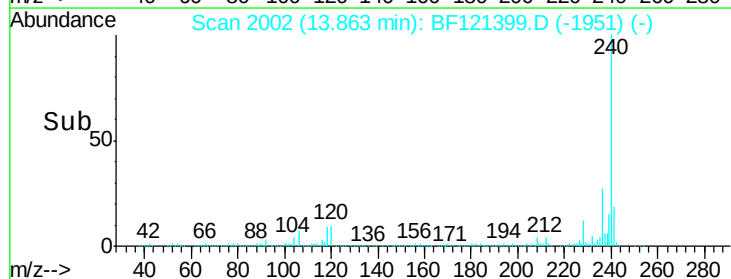
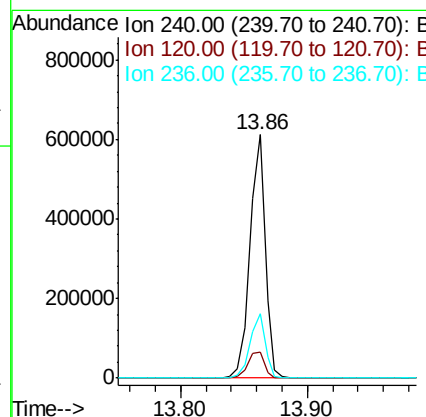
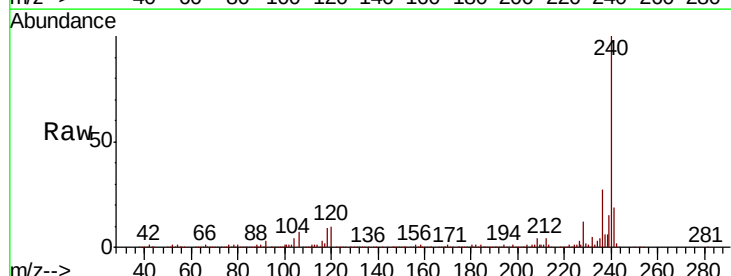
Manual Integrations
APPROVED

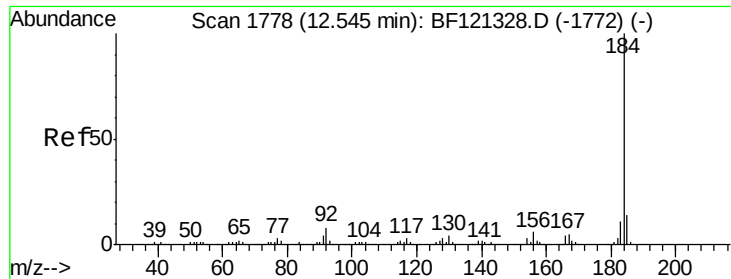
mohammad
8/25/2020 4:19:04 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.7	13.1
236	26.7	21.0	31.4





#77

Benzidine

Concen: 52.618 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

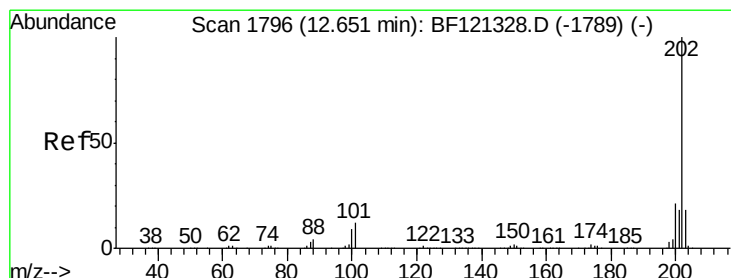
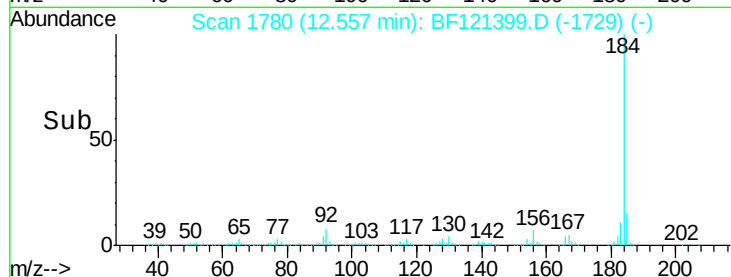
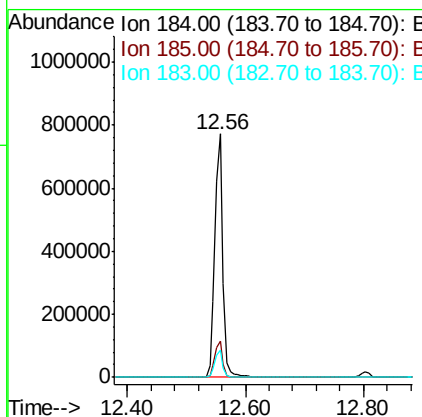
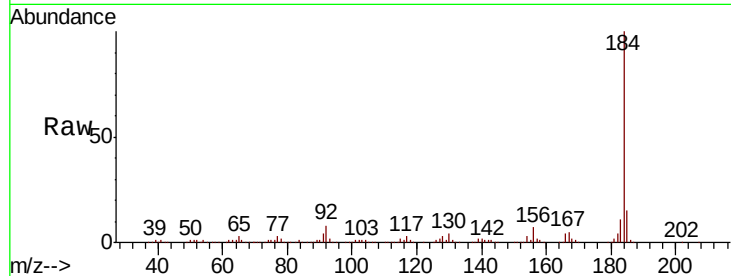
ClientSampleId :

PB131036BS

Tot Ion:	184	Resp:	738743
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.3	16.9
183	11.1	9.0	13.4

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#78

Pyrene

Concen: 34.117 ng

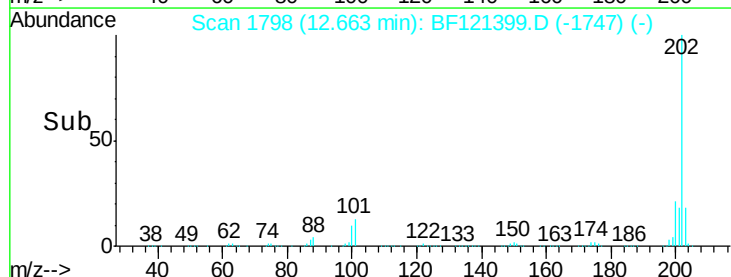
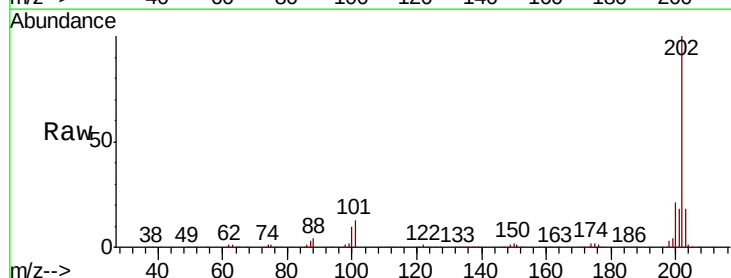
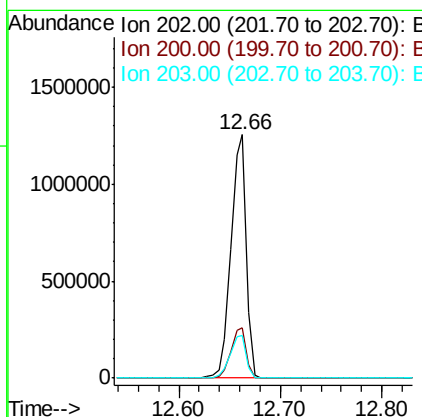
RT: 12.66 min Scan# 1798

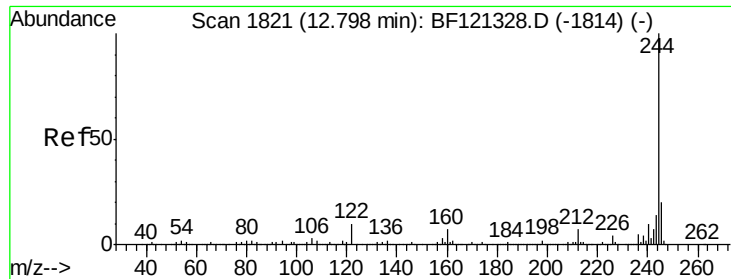
Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Tgt Ion:	202	Resp:	1305992
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	25.0
203	17.8	14.1	21.1





#79

Terphenyl-d14

Concen: 59.694 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion:244 Resp: 1556680

Ion Ratio Lower Upper

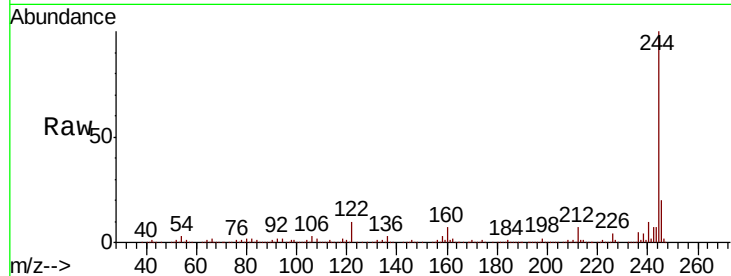
244 100

212 7.0 5.5 8.3

122 10.3 7.7 11.5

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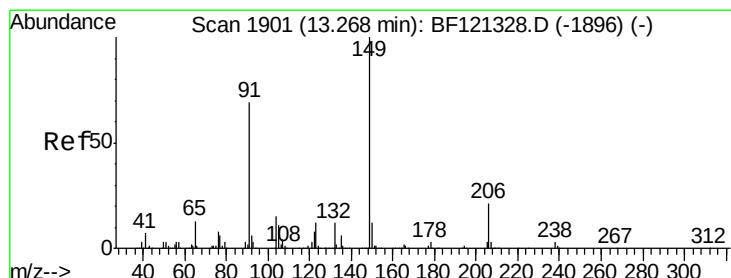
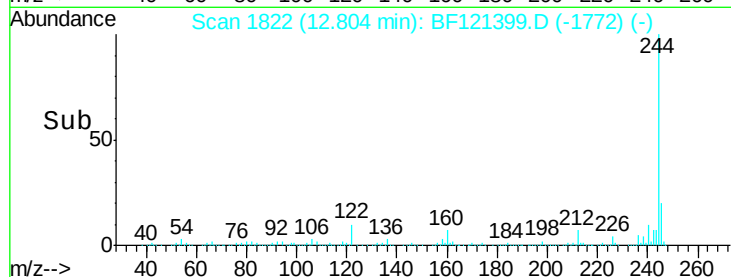
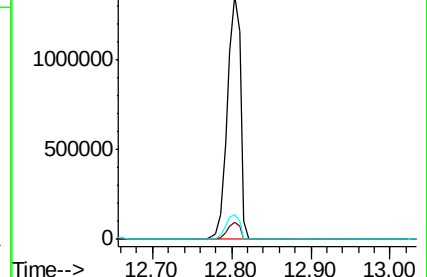
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.393 ng

RT: 13.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

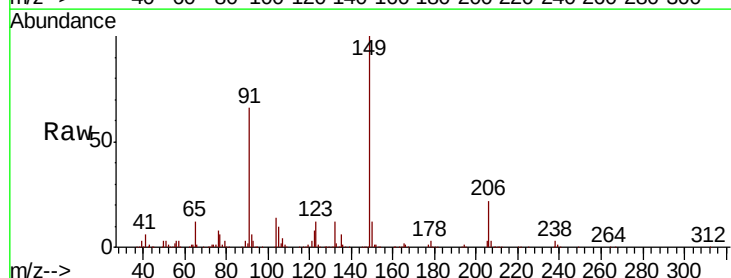
Tgt Ion:149 Resp: 565708

Ion Ratio Lower Upper

149 100

91 65.5 52.2 78.4

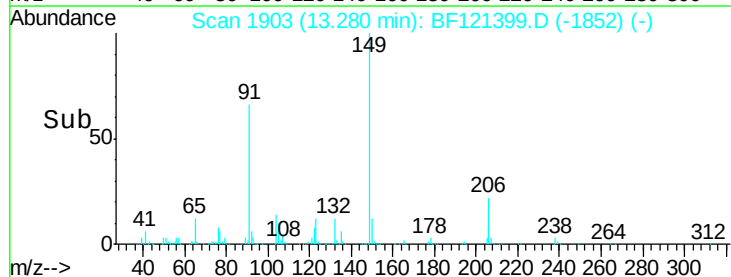
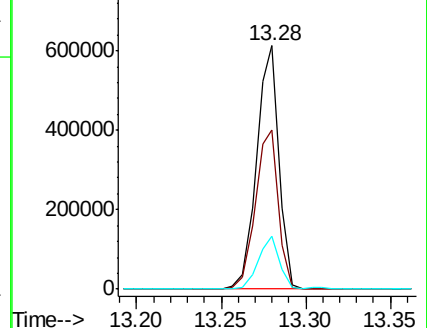
206 21.7 17.8 26.6

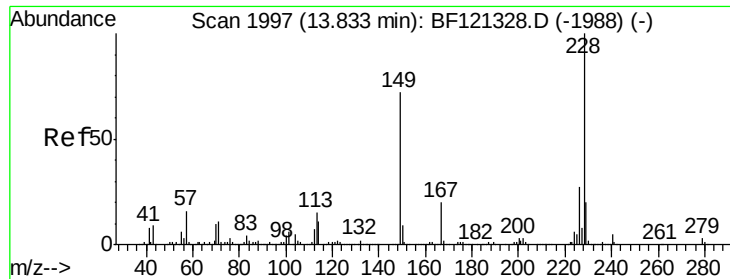


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





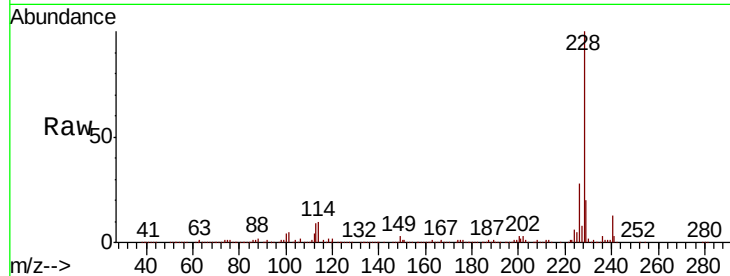
#81
Benzo(a)anthracene
Concen: 34.183 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	34.0
229	20.1	16.1	24.1

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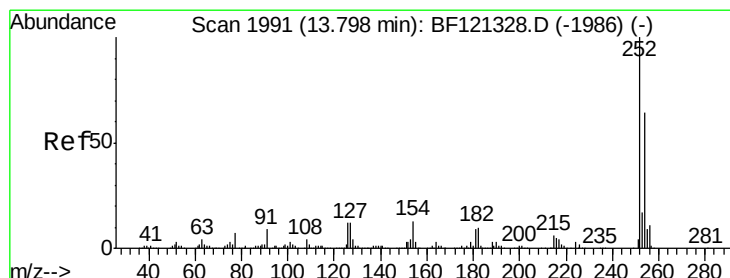
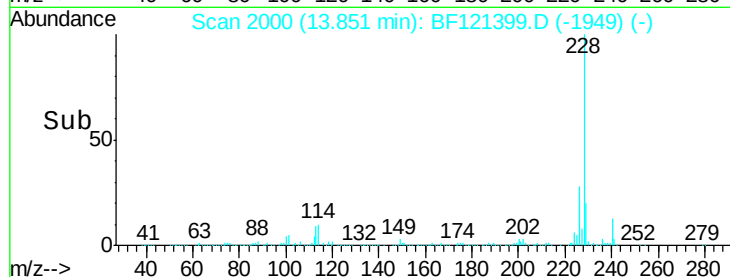
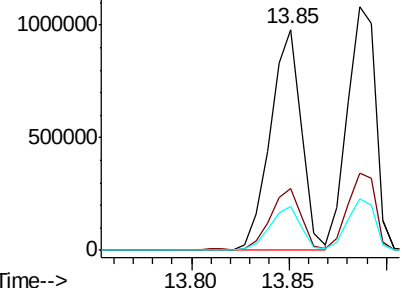


Abundance

Ion 228.00 (227.70 to 228.70): E

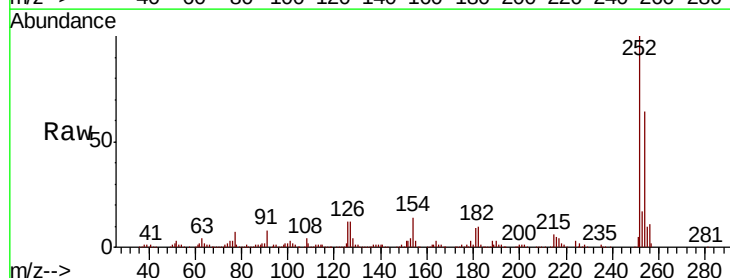
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 27.520 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	12.1	8.2	12.4

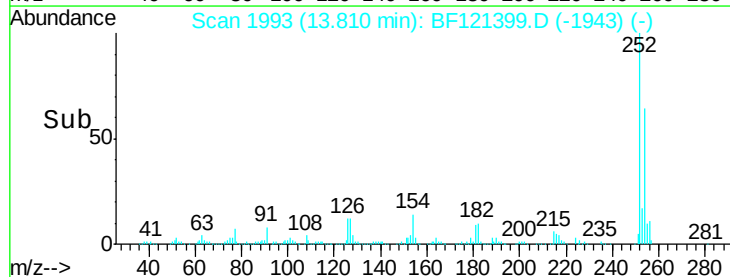
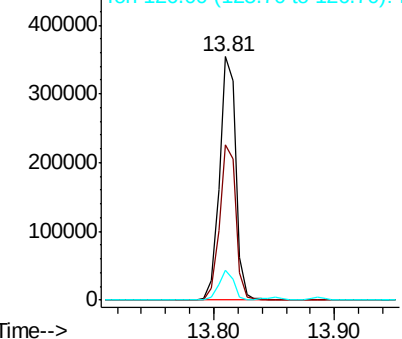


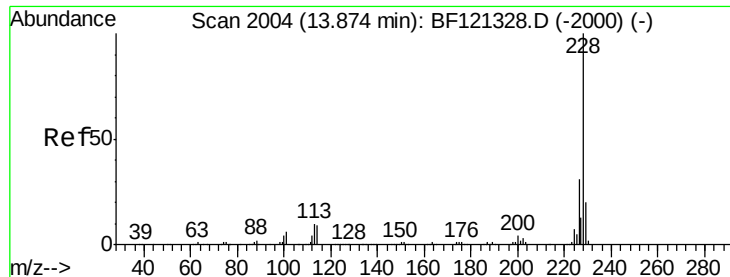
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 33.669 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

ClientSampleId :

PB131036BS

Tot Ion:228 Resp: 1089919

Ion Ratio Lower Upper

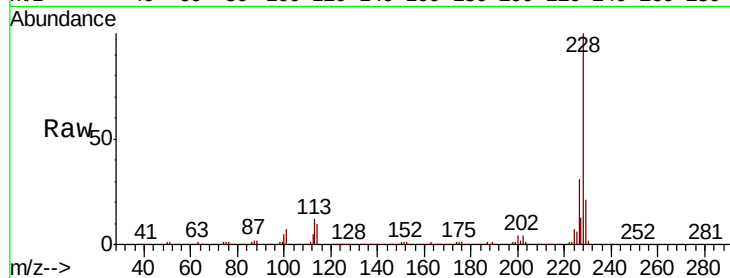
228 100

226 31.5 25.0 37.6

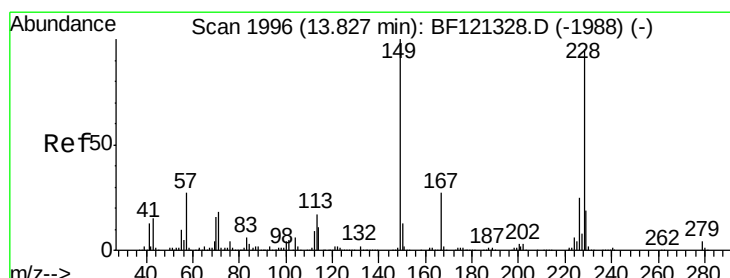
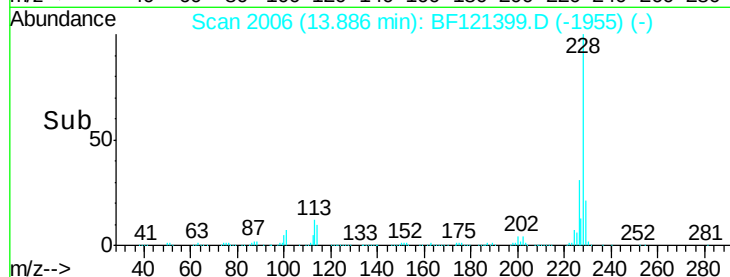
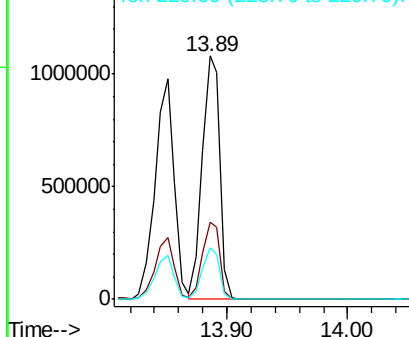
229 20.9 16.5 24.7

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.022 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

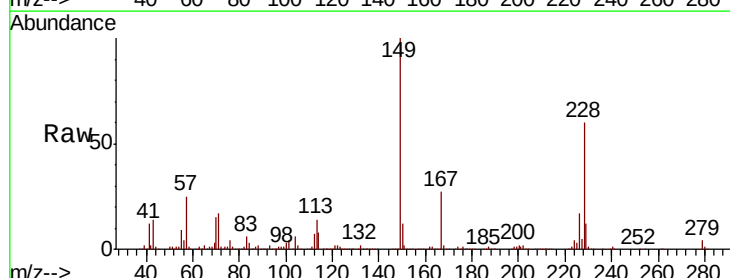
Tgt Ion:149 Resp: 696783

Ion Ratio Lower Upper

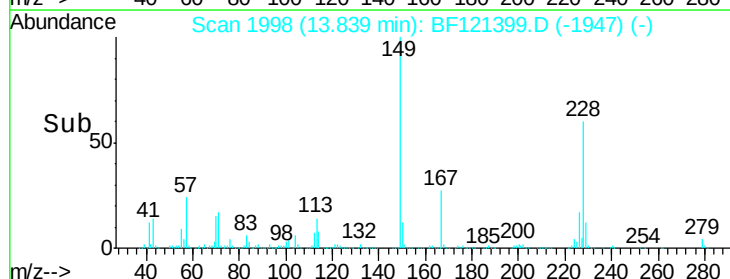
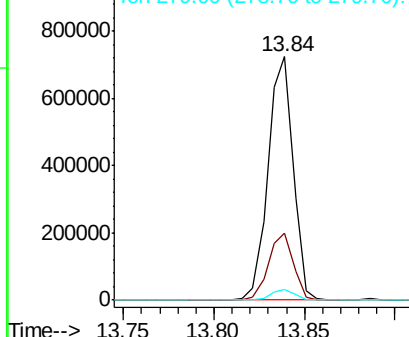
149 100

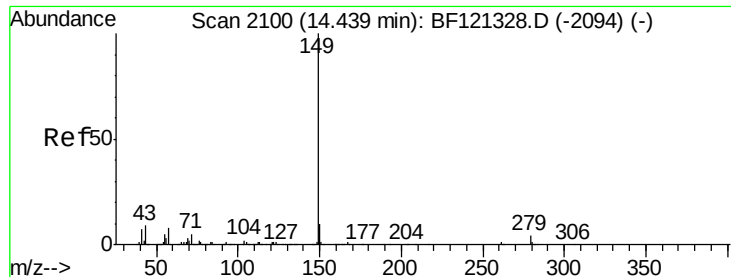
167 27.4 21.8 32.8

279 4.4 3.6 5.4



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





#85

Di-n-octyl phthalate

Concen: 36.154 ng

RT: 14.45 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BF121399.D

Acq: 24 Aug 2020 14:56

Instrument :

BNA_F

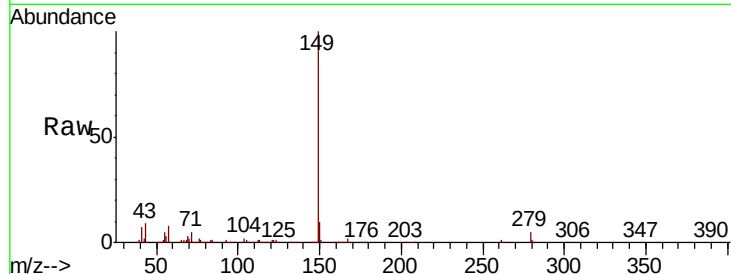
ClientSampleId :

PB131036BS

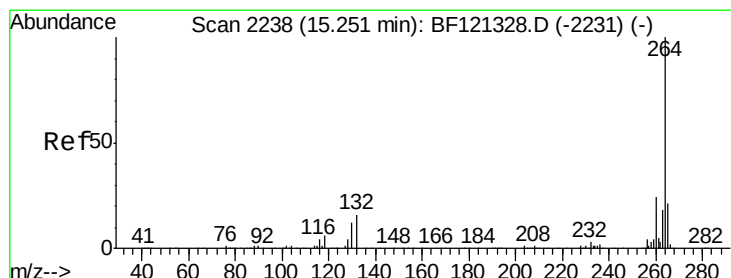
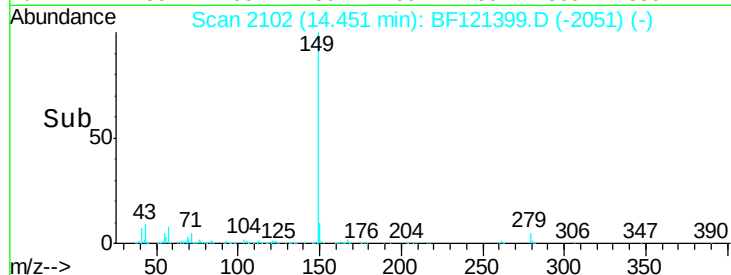
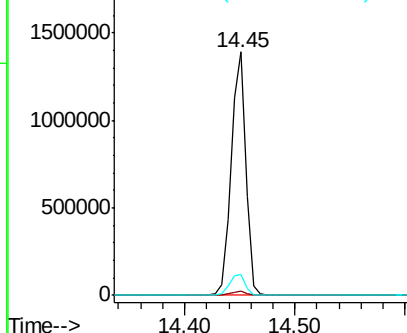
Tot Ion:	149	Resp:	1294218
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.1	7.4	11.0

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



#86

Perylene-d12

Concen: 20.000 ng

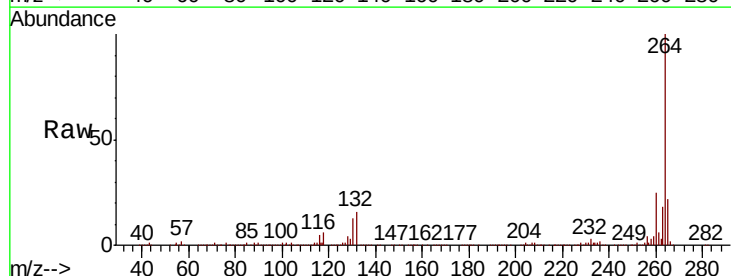
RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

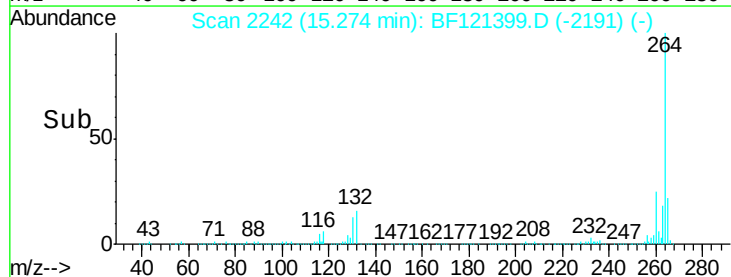
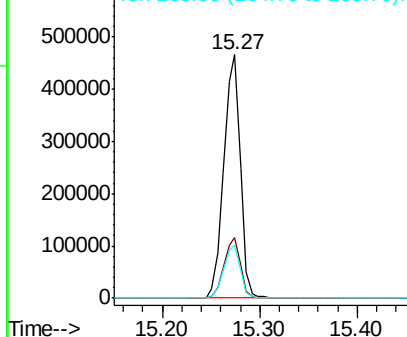
Lab File: BF121399.D

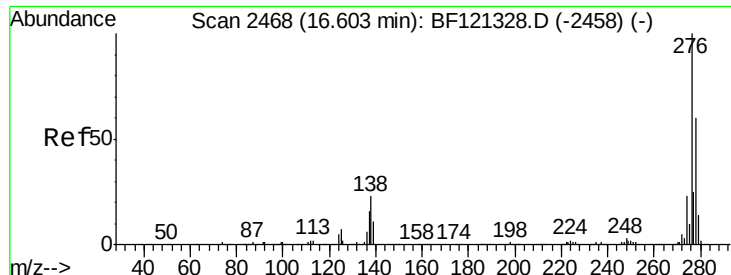
Acq: 24 Aug 2020 14:56

Tgt Ion:	264	Resp:	546613
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.6	17.3	25.9



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





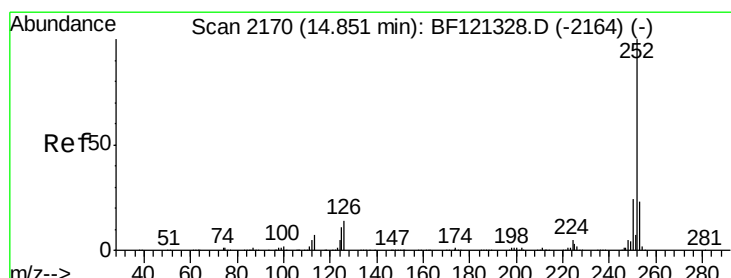
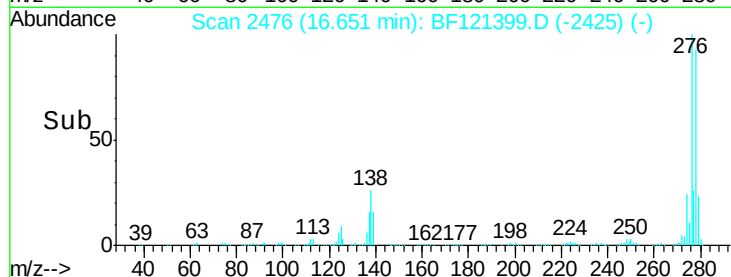
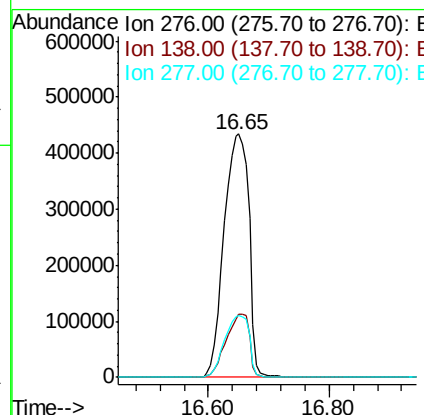
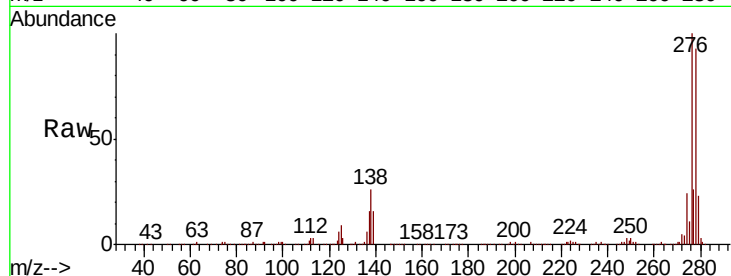
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.158 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Instrument :
 BNA_F
 ClientSampleId :
 PB131036BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.4	29.2
277	25.3	20.2	30.4

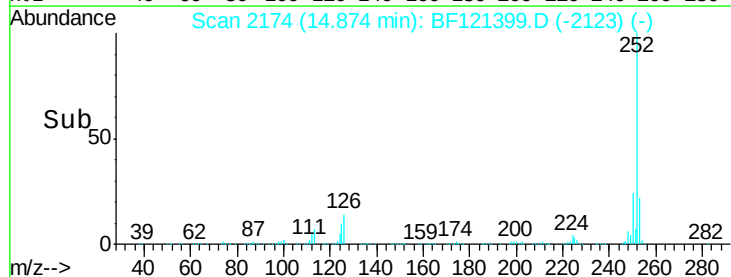
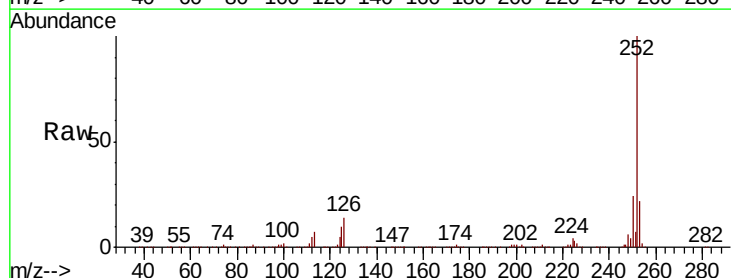
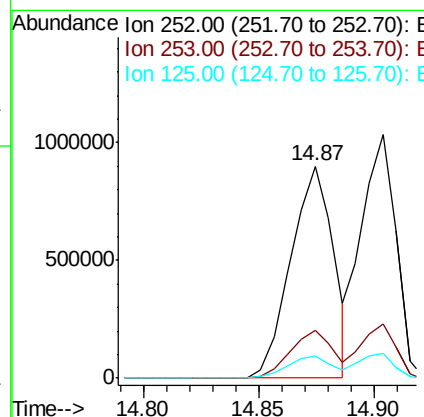
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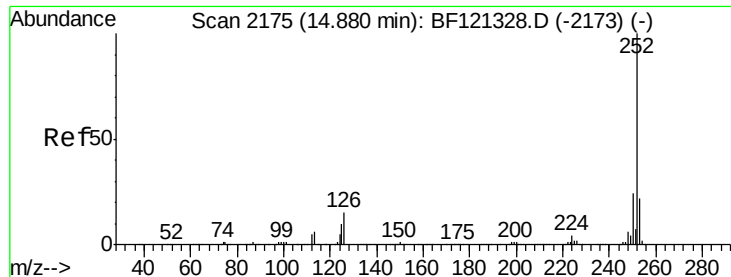
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#88
 Benzo(b)fluoranthene
 Concen: 32.718 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121399.D
 Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.5	8.3	12.5





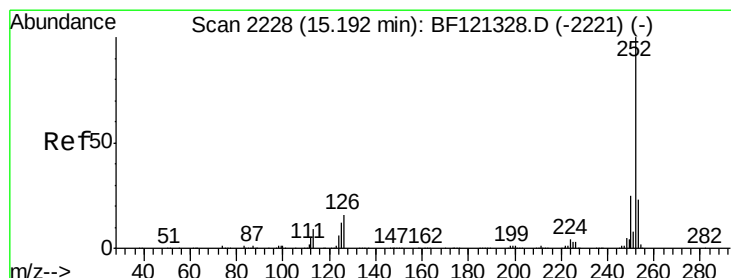
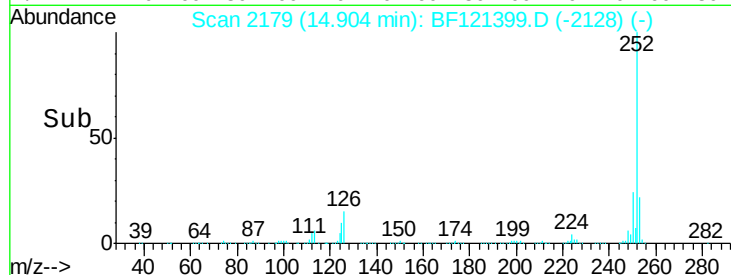
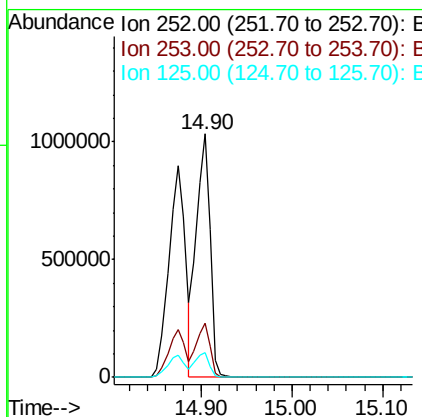
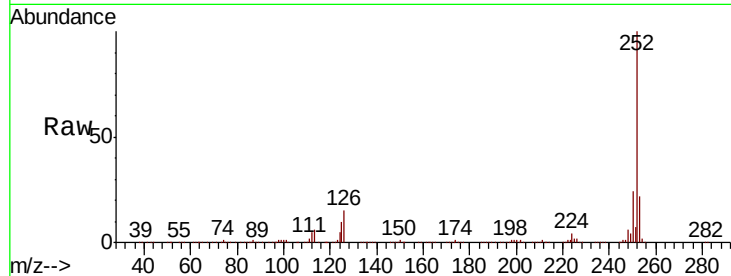
#89
Benzo(k)fluoranthene
Concen: 34.958 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.3	8.4	12.6

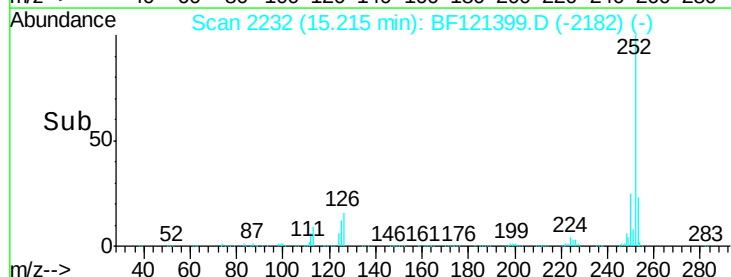
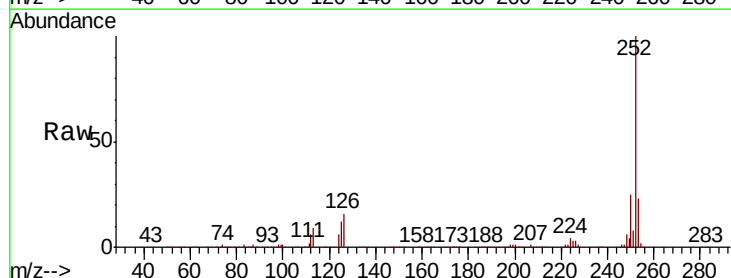
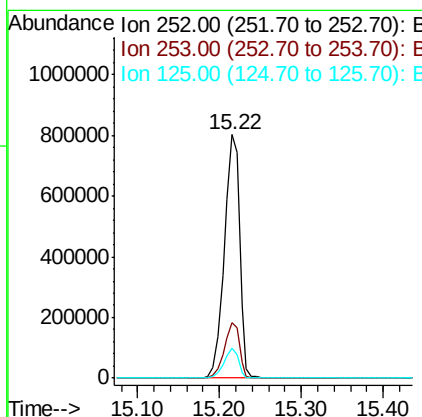
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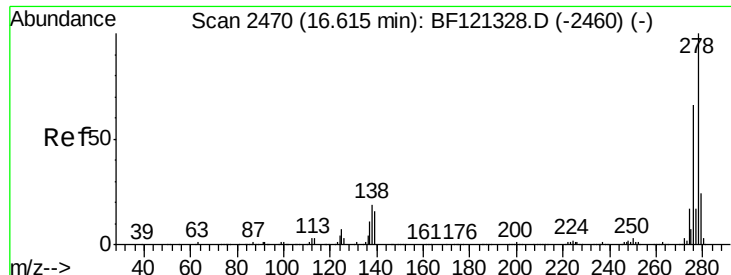
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#90
Benzo(a)pyrene
Concen: 34.213 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	12.1	8.5	12.7





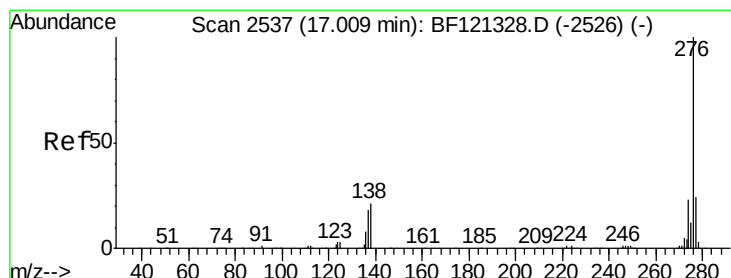
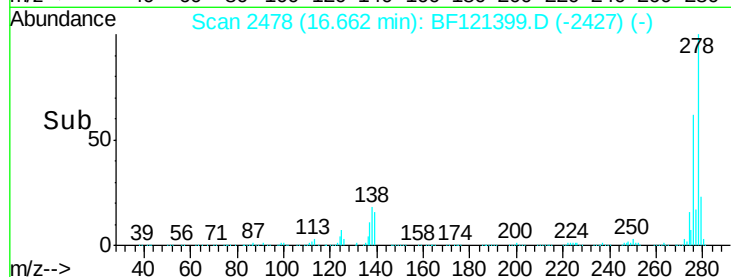
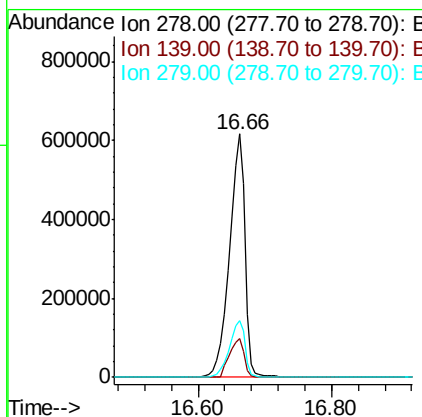
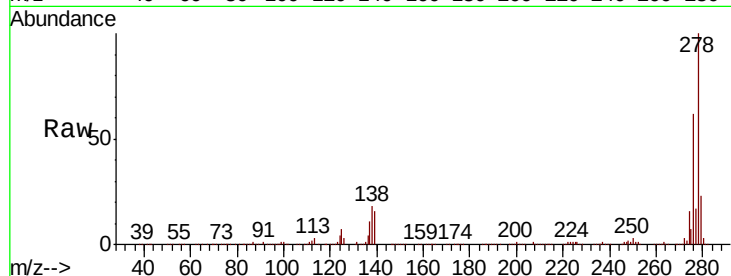
#91
Dibenzo(a,h)anthracene
Concen: 37.167 ng
RT: 16.66 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Instrument :
BNA_F
ClientSampleId :
PB131036BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.6
279	23.4	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 39.296 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF121399.D
Acq: 24 Aug 2020 14:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	21.0	17.3	25.9

