

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121394.D
 Acq On : 24 Aug 2020 12:06
 Operator : JU/CG
 Sample : PB131080BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Manual Integrations
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Quant Time: Aug 25 09:39:56 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	172408	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	648881	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	335795	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	638072	20.00	ng	0.00
76) Chrysene-d12	13.86	240	477297	20.00	ng	0.00
86) Perylene-d12	15.27	264	504230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	900784	85.67	ng	0.01
7) Phenol-d6	6.35	99	1056751	78.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	1017702	88.70	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	329182	84.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1700453	99.40	ng	0.00
79) Terphenyl-d14	12.81	244	1805268	73.91	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.44	88	206353	43.370	ng	99
3) Pyridine	3.13	79	438627	34.349	ng	99
4) n-Nitrosodimethylamine	3.09	42	218787	42.094	ng	98
6) Aniline	6.36	93	485208	31.306	ng	98
8) 2-Chlorophenol	6.49	128	479630	43.645	ng	97
9) Benzaldehyde	6.25	77	123641	16.374	ng	97
10) Phenol	6.36	94	522713	37.140	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	449223	41.444	ng	98
12) 1,3-Dichlorobenzene	6.64	146	476519	38.703	ng	99
13) 1,4-Dichlorobenzene	6.72	146	478964	38.536	ng	99
14) 1,2-Dichlorobenzene	6.87	146	427910	36.151	ng	97
15) Benzyl Alcohol	6.85	79	313607	38.832	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	597679	37.449	ng	97
17) 2-Methylphenol	6.97	107	369463	40.746	ng	99
18) Hexachloroethane	7.21	117	179446	38.774	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	286565	39.697	ng	96
20) 3+4-Methylphenols	7.13	107	430882	48.630	ng	98
22) Acetophenone	7.12	105	586322	38.649	ng	99
24) Nitrobenzene	7.29	77	473300	40.475	ng	100
25) Isophorone	7.53	82	873991	41.859	ng	99
26) 2-Nitrophenol	7.60	139	260598	43.453	ng	98
27) 2,4-Dimethylphenol	7.65	122	390349	45.615	ng	97
28) bis(2-Chloroethoxy)methane	7.74	93	554077	38.983	ng	100
29) 2,4-Dichlorophenol	7.85	162	389908	41.733	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	418683	39.187	ng	99
31) Naphthalene	8.00	128	1277205	39.549	ng	99
32) Benzoic acid	7.81	122	255832	39.674	ng	98
33) 4-Chloroaniline	8.06	127	499285	34.914	ng	99
34) Hexachlorobutadiene	8.12	225	235570	37.257	ng	99
35) Caprolactam	8.45	113	130741m	42.727	ng	
36) 4-Chloro-3-methylphenol	8.56	107	410029	43.392	ng	98
37) 2-Methylnaphthalene	8.70	142	855633	40.877	ng	99
38) 1-Methylnaphthalene	8.80	142	805401	40.467	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	393483	39.481	ng	99

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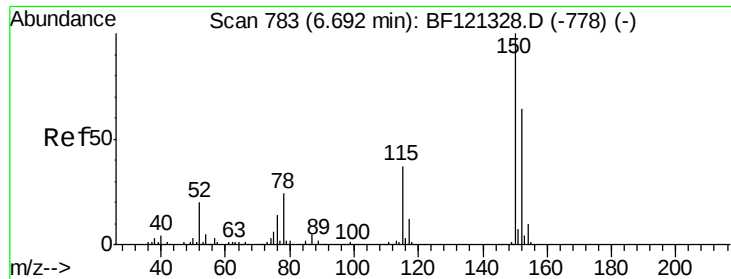
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	306573	77.850	nq	99
43) 2,4,6-Trichlorophenol	8.98	196	281834	41.364	nq	98
44) 2,4,5-Trichlorophenol	9.03	196	296771	42.336	nq	97
46) 1,1'-Biphenyl	9.16	154	1012072	40.213	nq	100
47) 2-Chloronaphthalene	9.19	162	801163	38.638	nq	99
48) 2-Nitroaniline	9.29	65	266006	40.745	nq	97
49) Acenaphthylene	9.60	152	1231953	40.001	nq	100
50) Dimethylphthalate	9.46	163	988681	40.470	nq	99
51) 2,6-Dinitrotoluene	9.53	165	224519	43.033	nq	99
52) Acenaphthene	9.77	154	737572	39.414	nq	100
53) 3-Nitroaniline	9.70	138	216735	33.207	nq	97
54) 2,4-Dinitrophenol	9.82	184	234805	93.350	nq	95
55) Dibenzofuran	9.95	168	1057374	44.170	nq	98
56) 4-Nitrophenol	9.89	139	314842	78.218	nq	96
57) 2,4-Dinitrotoluene	9.94	165	256956	40.370	nq	94
58) Fluorene	10.29	166	829367	47.559	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251290	41.935	nq	96
60) Diethylphthalate	10.16	149	956295	40.087	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	405254	45.947	nq	99
62) 4-Nitroaniline	10.32	138	255238	38.166	nq	99
63) Azobenzene	10.44	77	888879	40.116	nq	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	168711	49.441	nq	89
66) n-Nitrosodiphenylamine	10.40	169	815006	41.409	nq	100
67) 4-Bromophenyl-phenylether	10.76	248	284821	40.241	nq	99
68) Hexachlorobenzene	10.83	284	322647	39.547	nq	99
69) Atrazine	10.93	200	228157	37.421	nq	99
70) Pentachlorophenol	11.03	266	307210	84.631	nq	99
71) Phenanthrene	11.25	178	1279995	38.760	nq	100
72) Anthracene	11.30	178	1314338	41.330	nq	100
73) Carbazole	11.46	167	1233517	40.643	nq	99
74) Di-n-butylphthalate	11.79	149	1439446	39.332	nq	100
75) Fluoranthene	12.43	202	1415572	39.493	nq	99
77) Benzidine	12.56	184	641783	48.805	nq	100
78) Pyrene	12.66	202	1423160	39.694	nq	99
80) Butylbenzylphthalate	13.28	149	627835	40.753	nq	99
81) Benzo(a)anthracene	13.85	228	1174935	39.633	nq	100
82) 3,3'-Dichlorobenzidine	13.82	252	456961	40.147	nq	99
83) Chrysene	13.89	228	1215905	40.103	nq	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	765941	42.277	nq	100
85) Di-n-octyl phthalate	14.45	149	1439325	42.929	nq	100
87) Indeno(1,2,3-cd)pyrene	16.66	276	1330790	43.236	nq	100
88) Benzo(b)fluoranthene	14.87	252	1264474	38.817	nq	100
89) Benzo(k)fluoranthene	14.90	252	1216241	42.415	nq	100
90) Benzo(a)pyrene	15.22	252	1152087	40.932	nq	99
91) Dibenzo(a,h)anthracene	16.67	278	1084369	42.968	nq	99
92) Benzo(g,h,i)perylene	17.07	276	1111634	45.057	nq	99

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



#1

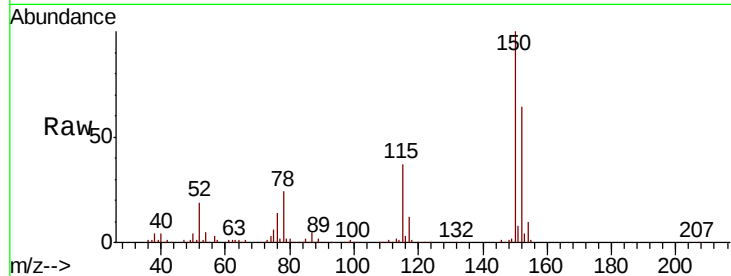
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.4	188.0
115	58.5	47.0	70.6

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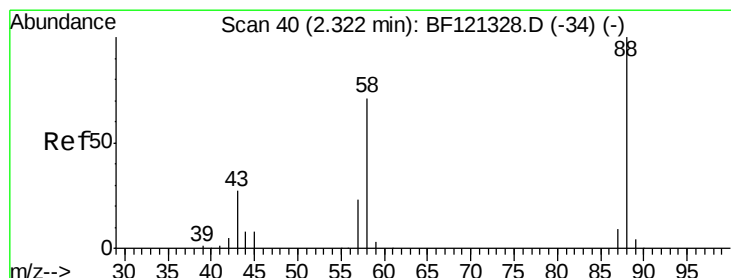
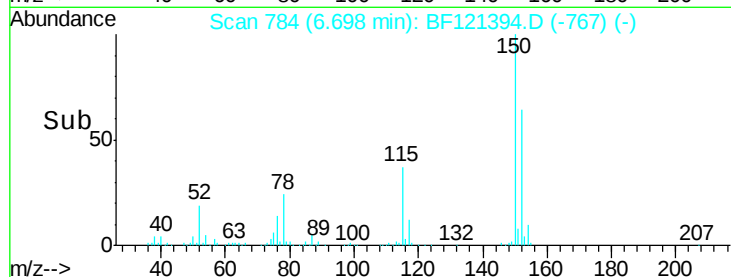
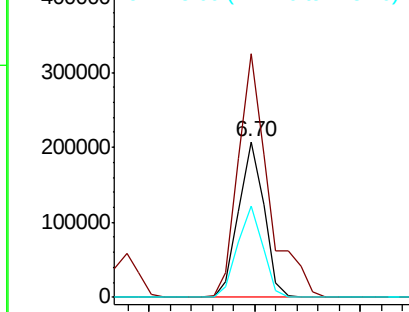


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

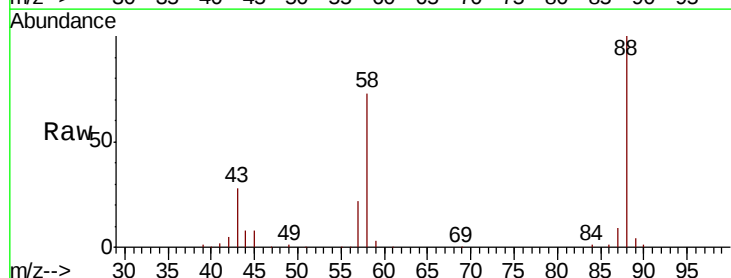
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 43.370 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.11 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	58.6	88.0
43	27.1	22.4	33.6

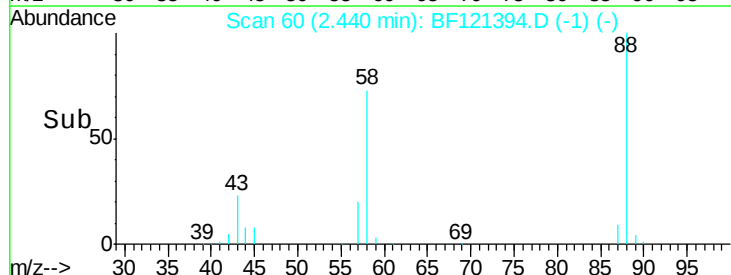
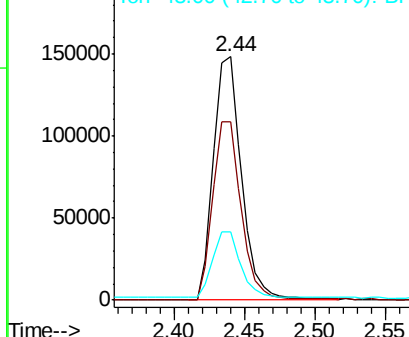


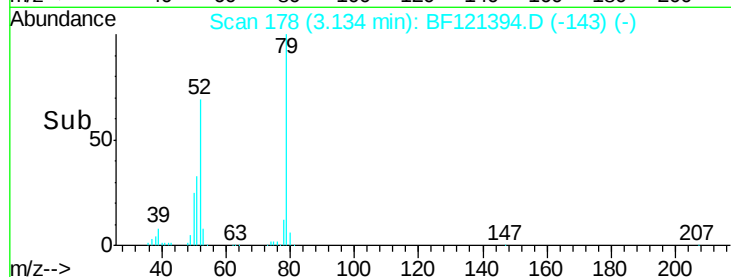
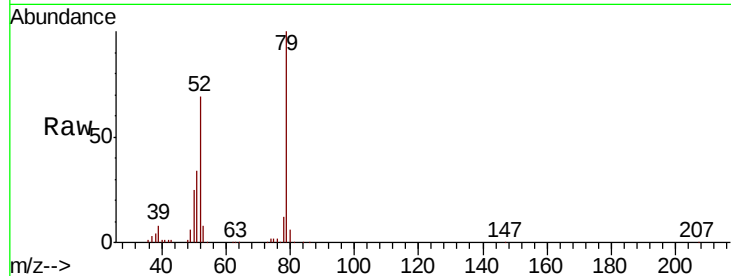
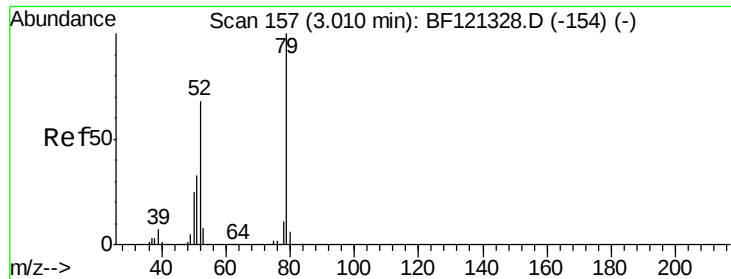
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





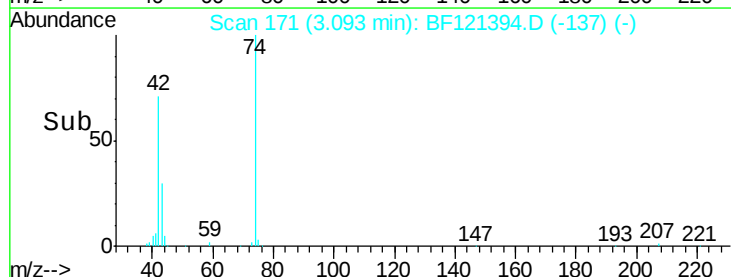
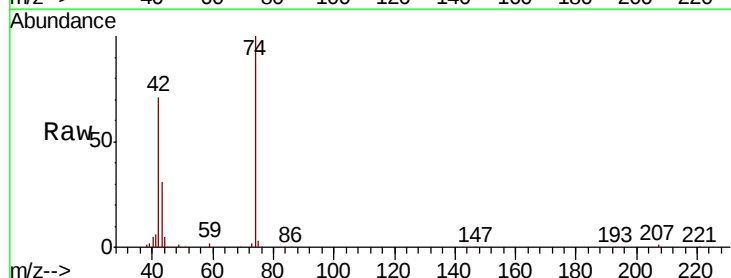
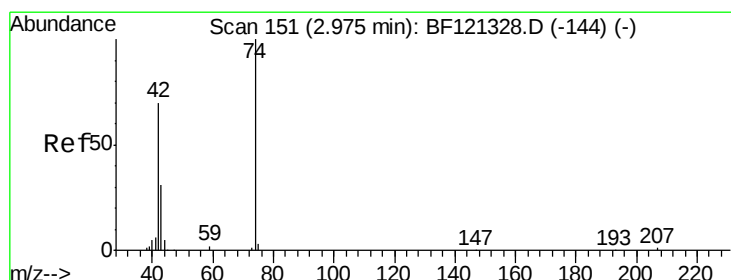
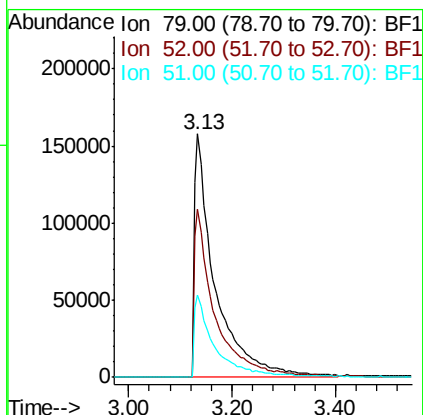
#3
Pvridine
Concen: 34.349 ng
RT: 3.13 min Scan# 178
Delta R.T. 0.11 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	55.8	83.8
51	33.6	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
PB131080BS

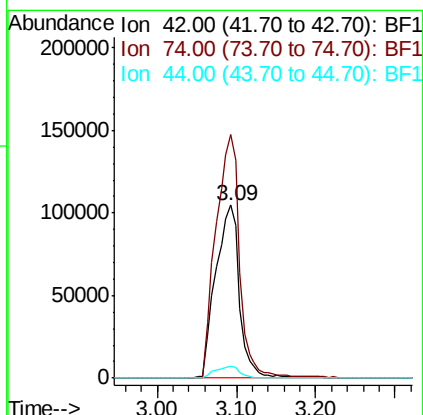
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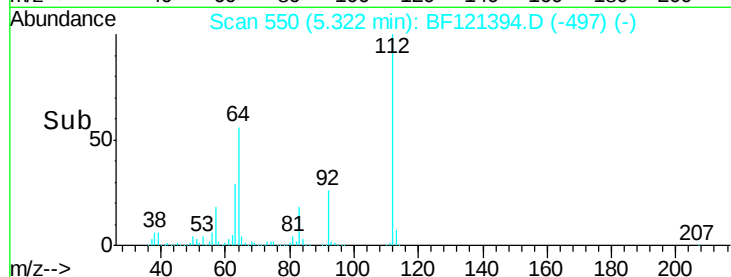
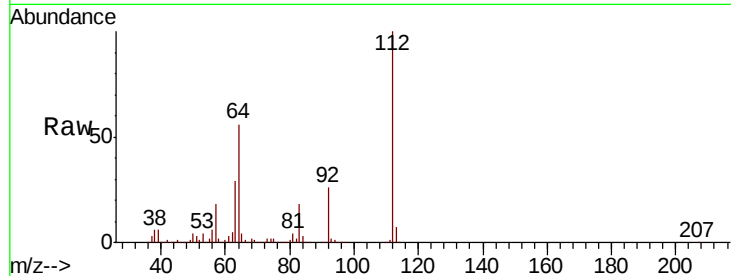
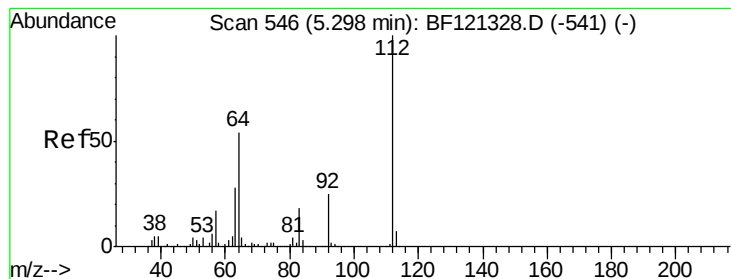
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#4
n-Nitrosodimethylamine
Concen: 42.094 ng
RT: 3.09 min Scan# 171
Delta R.T. 0.10 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	114.6	171.8
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 85.672 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tot Ion:	112	Resp:	900784
Ion Ratio	Lower	Upper	
112	100		
64	55.8	42.2	63.4
63	28.7	21.4	32.2

Instrument :

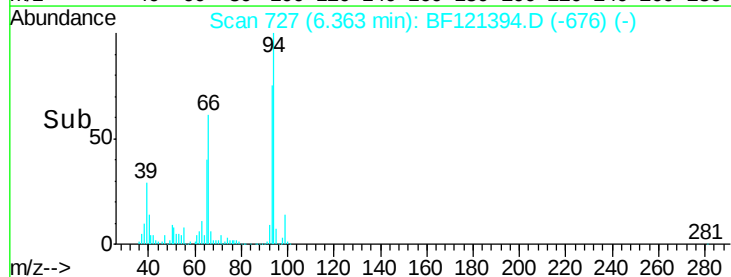
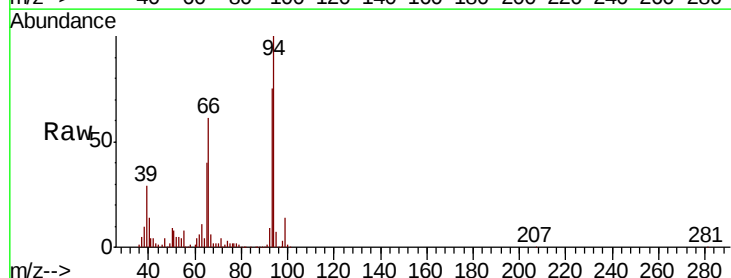
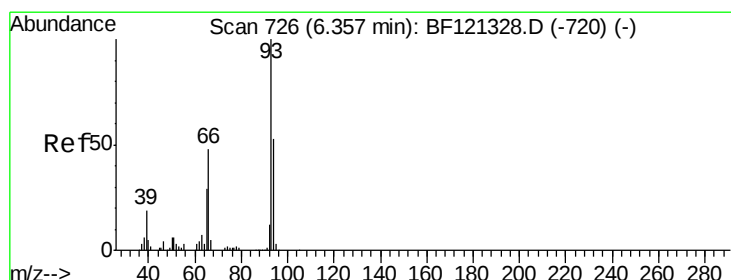
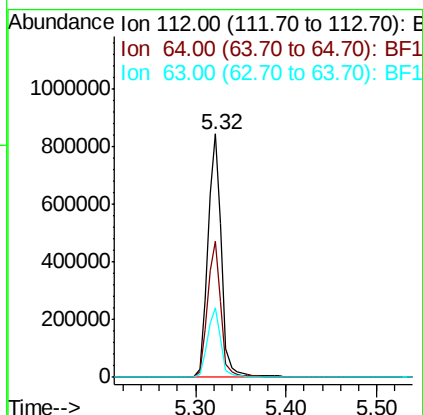
BNA_F

ClientSampled :

PB131080BS

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#6

Aniline

Concen: 31.306 ng

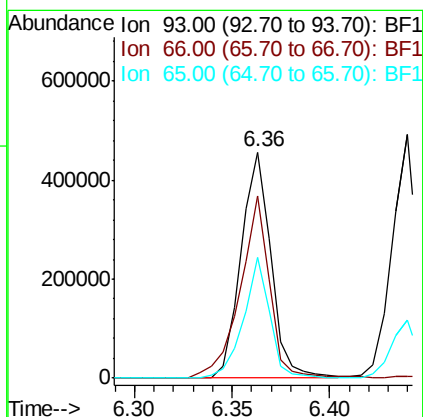
RT: 6.36 min Scan# 727

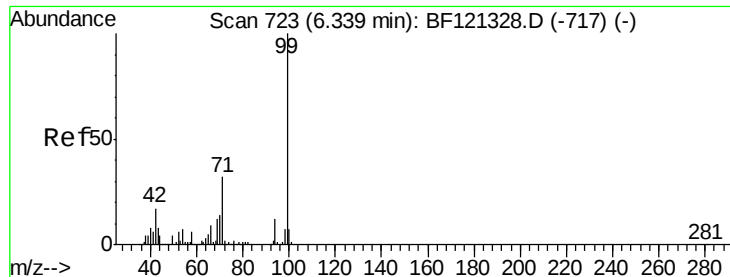
Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	93	Resp:	485208
Ion Ratio	Lower	Upper	
93	100		
66	80.9	63.2	94.8
65	53.3	42.1	63.1





#7

Phenol-d6

Concen: 78.729 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion: 99 Resp: 1056751

Ion Ratio Lower Upper

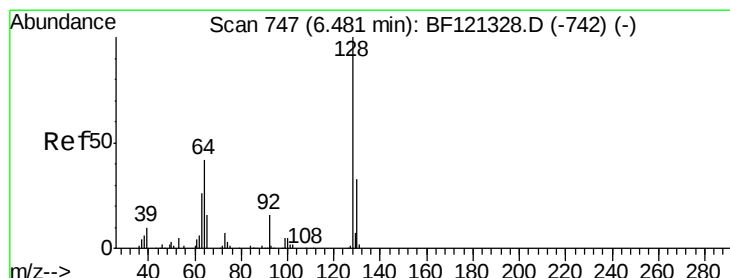
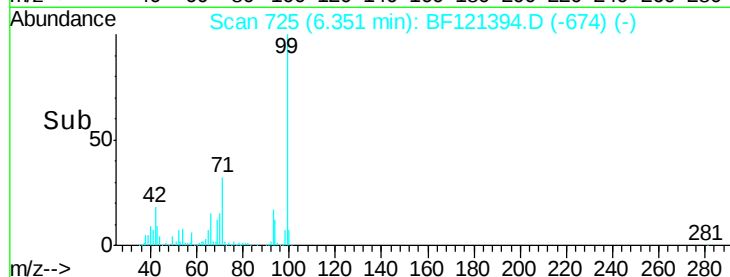
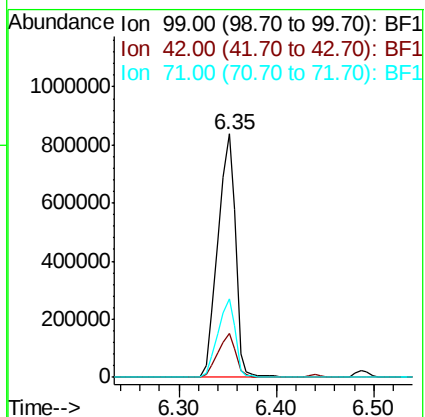
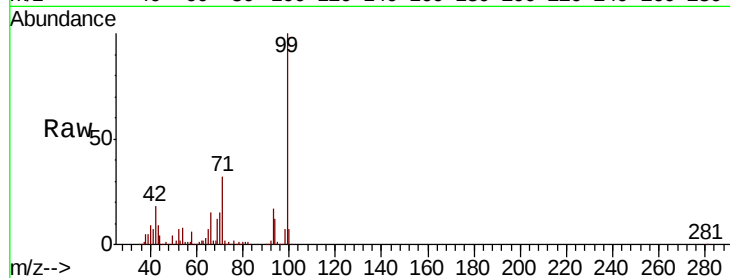
99 100

42 17.9 13.9 20.9

71 32.3 25.5 38.3

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#8

2-Chlorophenol

Concen: 43.645 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

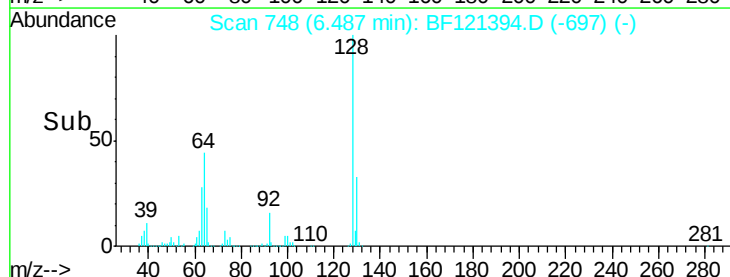
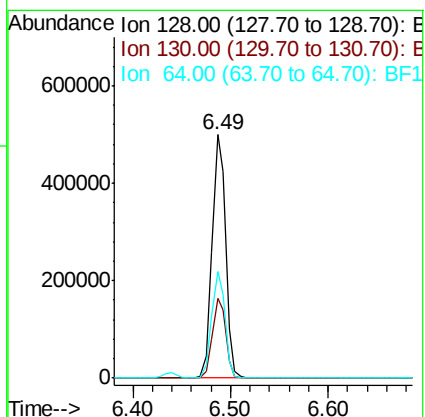
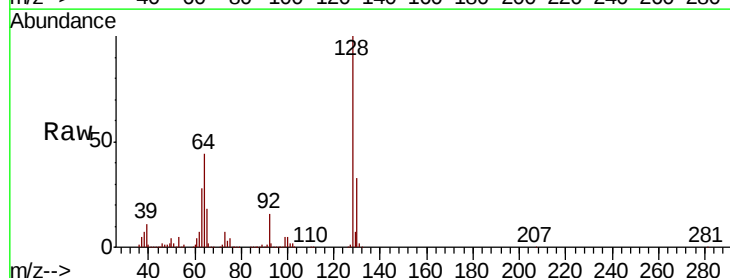
Tgt Ion: 128 Resp: 479630

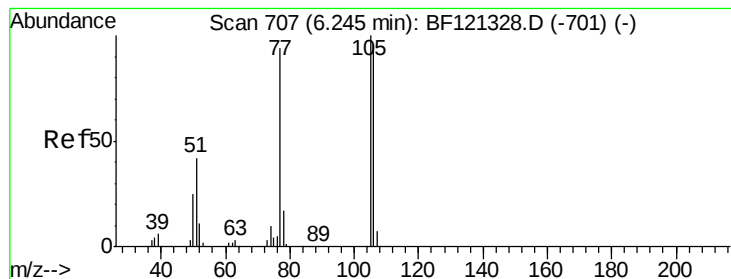
Ion Ratio Lower Upper

128 100

130 32.9 11.8 51.8

64 44.0 26.3 66.3





#9

Benzaldehyde

Concen: 16.374 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

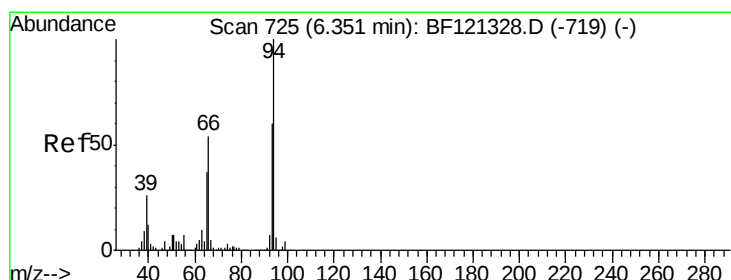
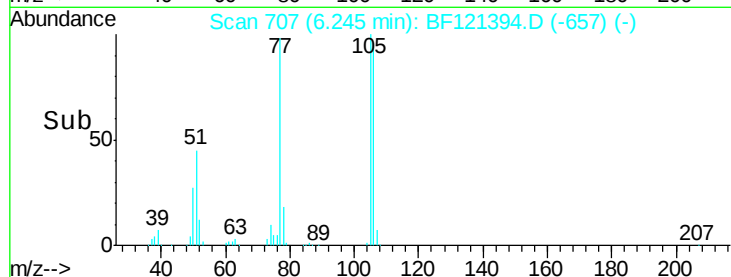
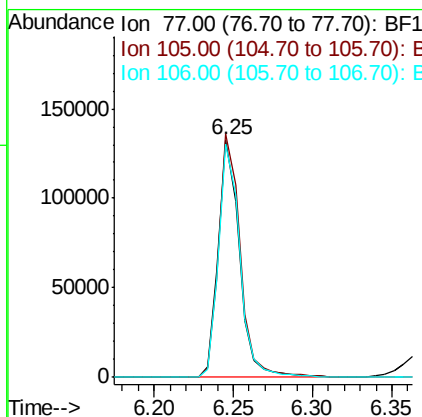
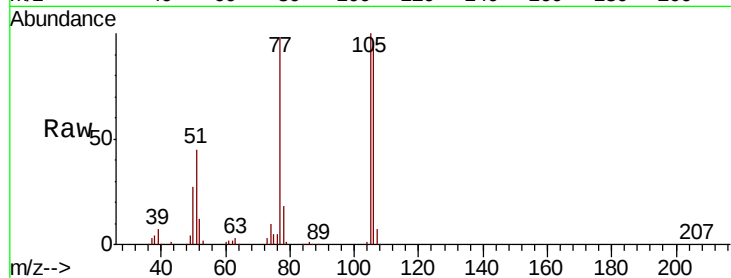
ClientSampleId :

PB131080BS

Tot Ion:	77	Resp:	123641
Ion Ratio	Lower	Upper	
77	100		
105	102.4	84.3	124.3
106	98.0	81.3	121.3

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#10

Phenol

Concen: 37.140 ng

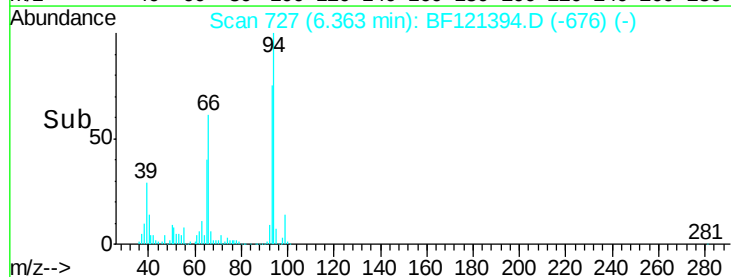
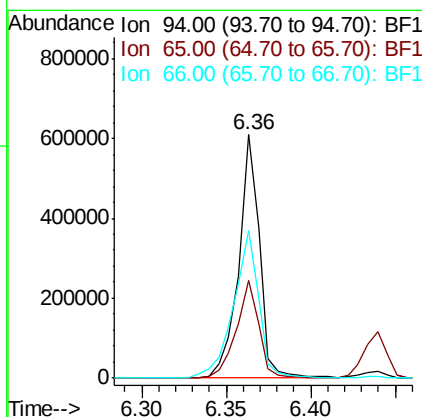
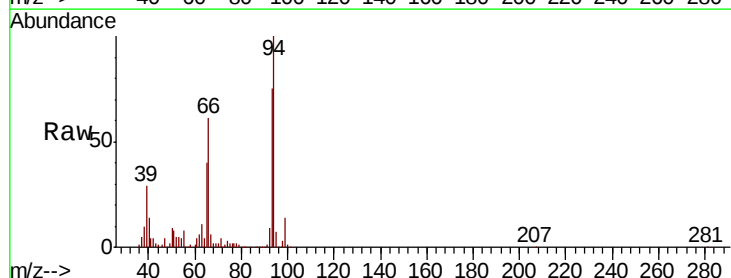
RT: 6.36 min Scan# 727

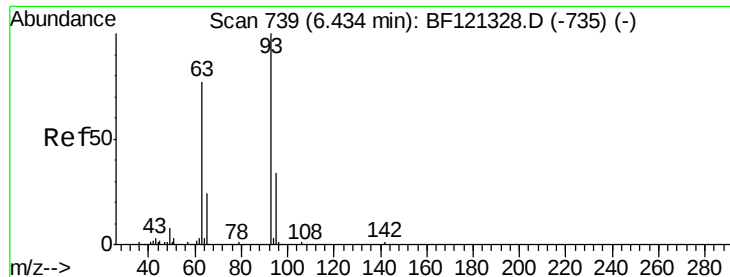
Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	94	Resp:	522713
Ion Ratio	Lower	Upper	
94	100		
65	39.9	20.4	60.4
66	60.6	40.6	80.6





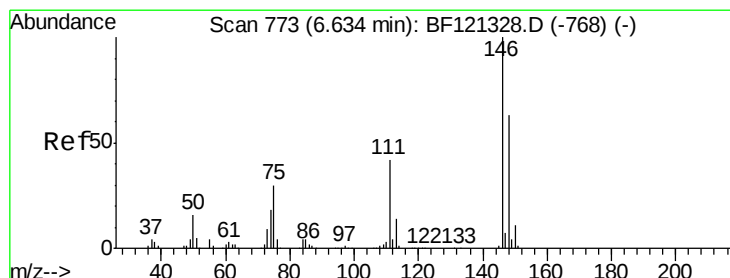
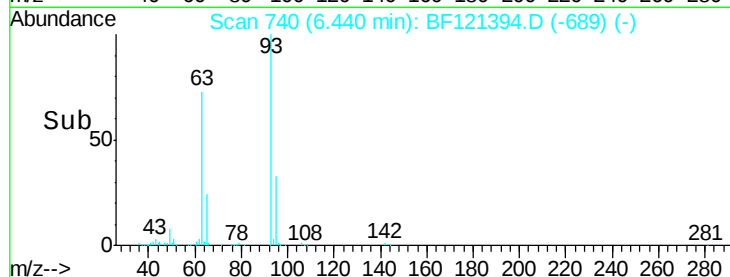
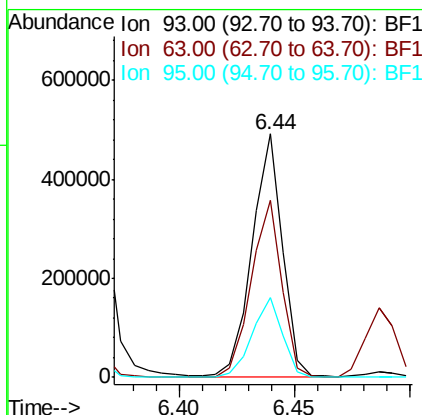
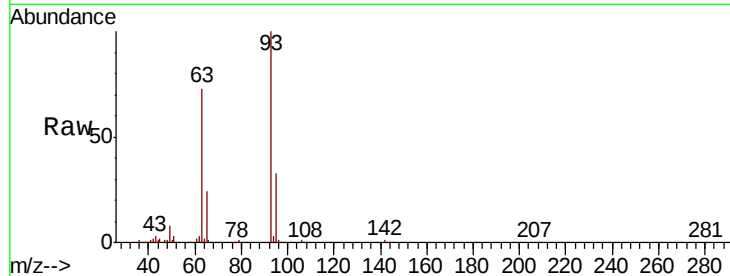
#11
bis(2-Chloroethyl)ether
Concen: 41.444 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	55.5	95.5
95	32.7	12.4	52.4

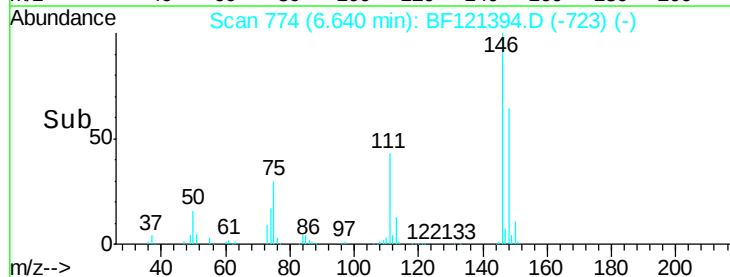
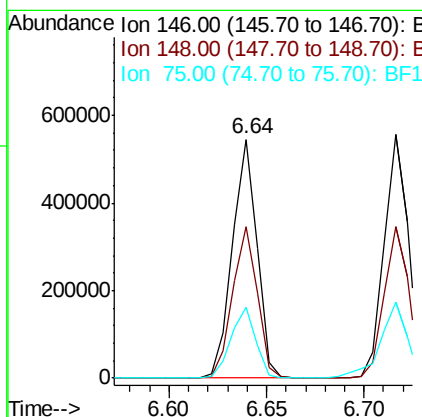
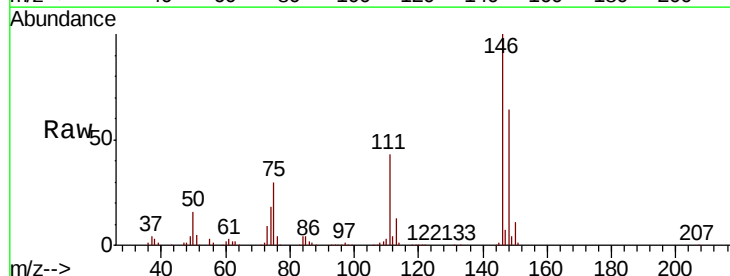
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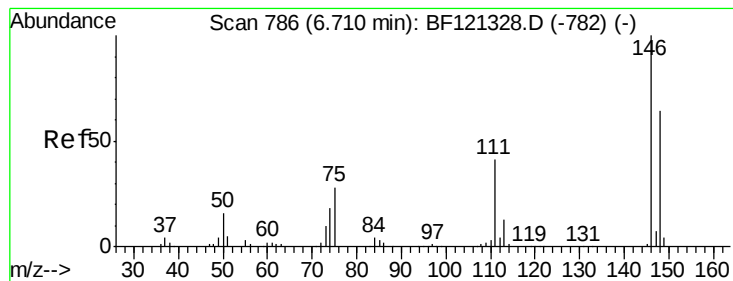
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.703 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	29.7	24.0	36.0





#13

1,4-Dichlorobenzene

Concen: 38.536 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

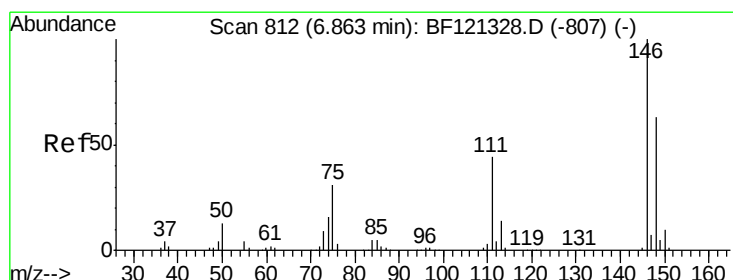
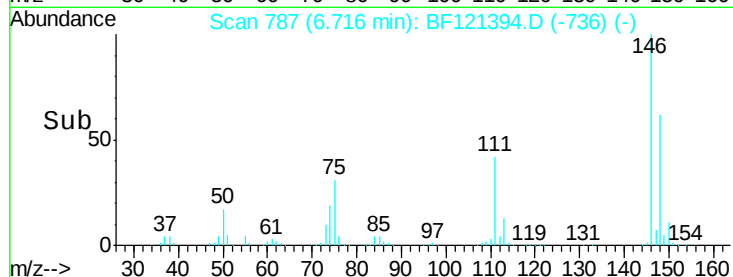
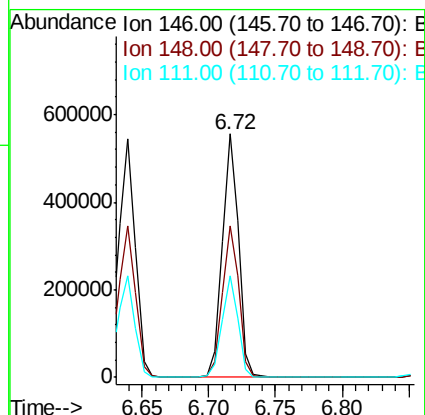
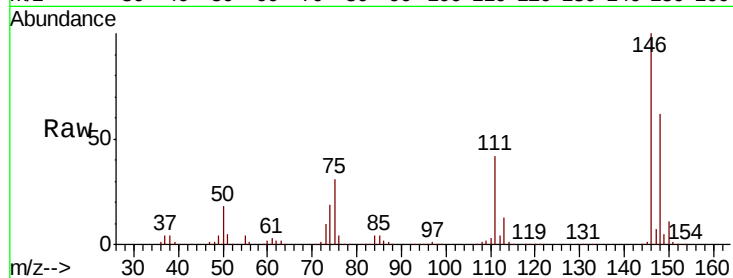
ClientSampleId :

PB131080BS

Tot Ion:	146	Resp:	478964
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.6	76.0
111	41.6	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 36.151 ng

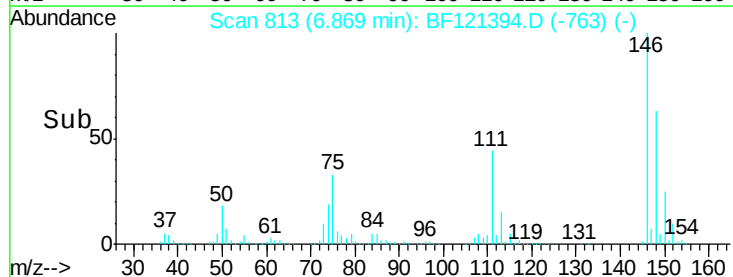
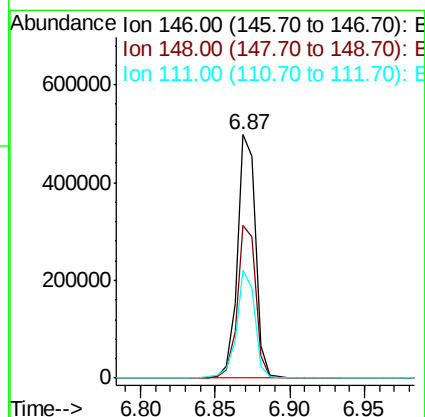
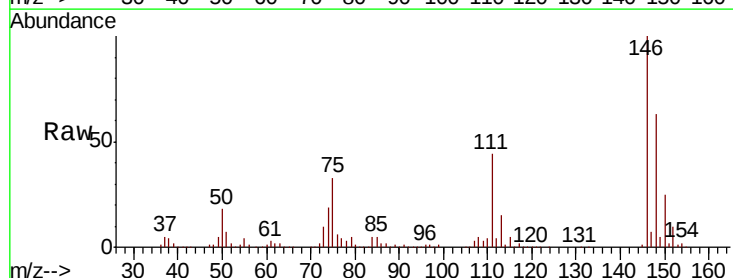
RT: 6.87 min Scan# 813

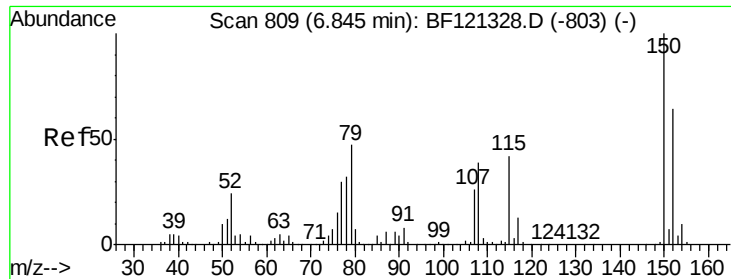
Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	146	Resp:	427910
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	44.4	32.8	49.2





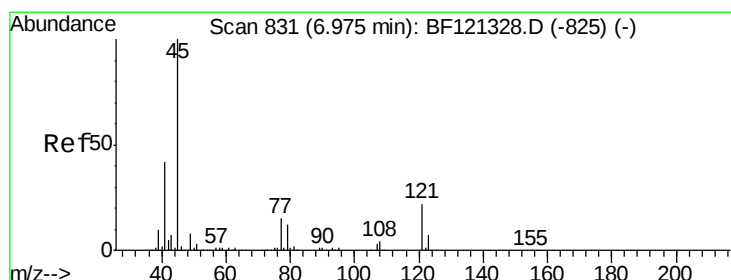
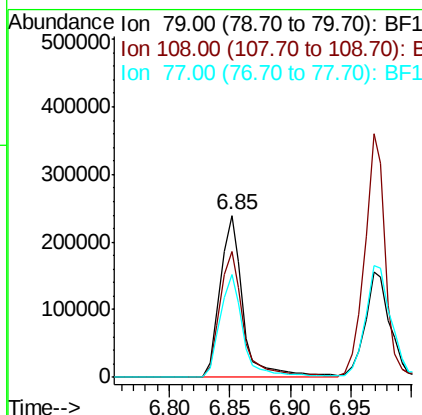
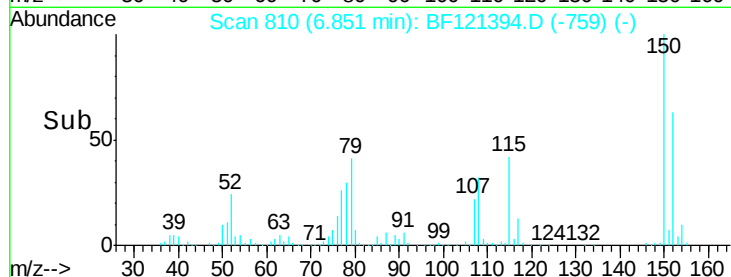
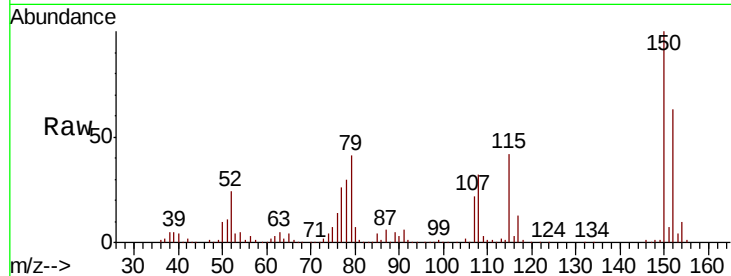
#15
Benzyl Alcohol
Concen: 38.832 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleID :
PB131080BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	62.3	93.5
77	63.6	50.5	75.7

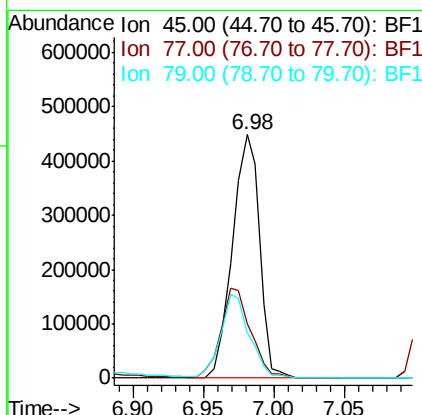
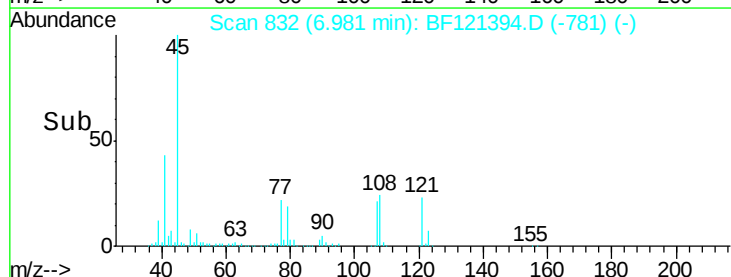
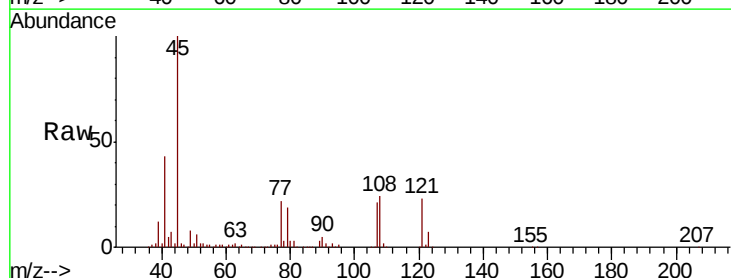
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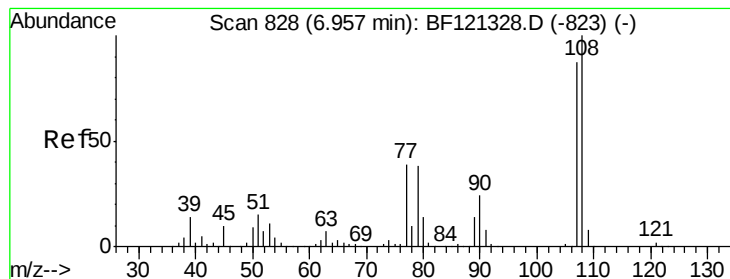
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.449 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.7	40.7
79	18.7	0.0	37.1





#17

2-Methylphenol

Concen: 40.746 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

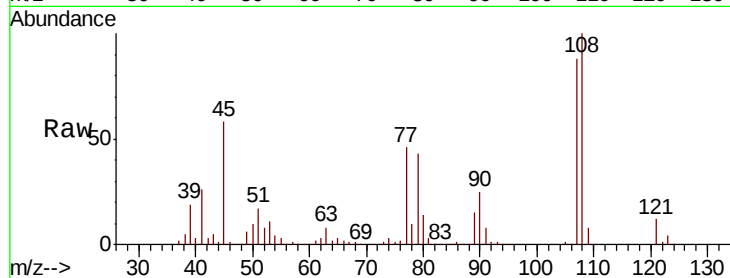
ClientSampleId :

PB131080BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	369463		
108	114.3	91.5	137.3	
77	52.6	40.1	60.1	
79	49.2	38.0	57.0	

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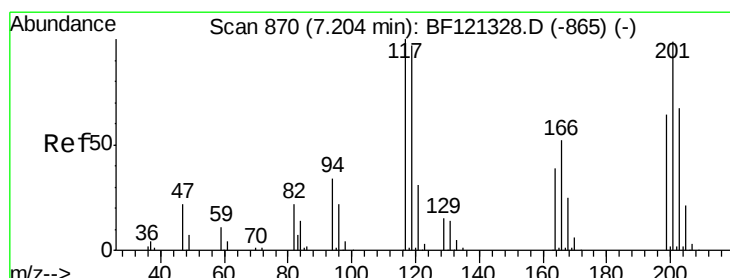
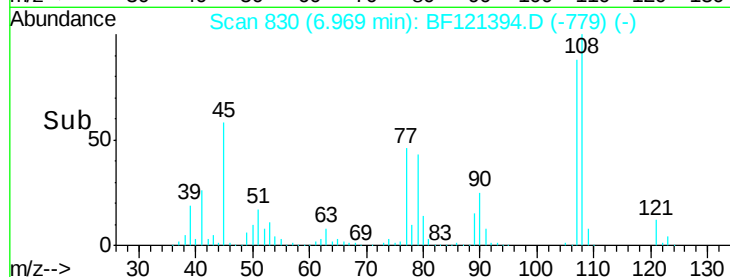
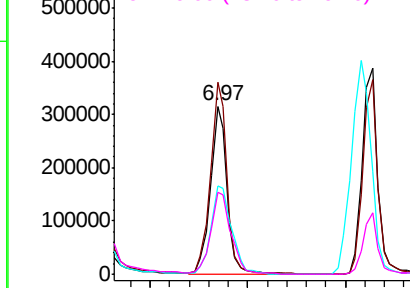
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.774 ng

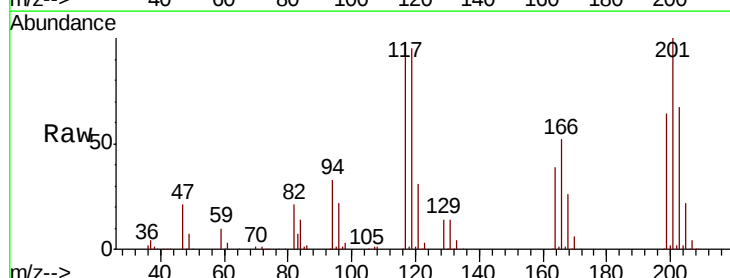
RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	179446		
119	96.7	77.0	115.6	
201	101.7	80.6	120.8	

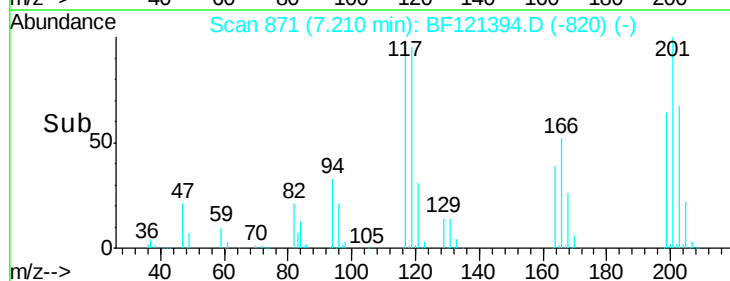
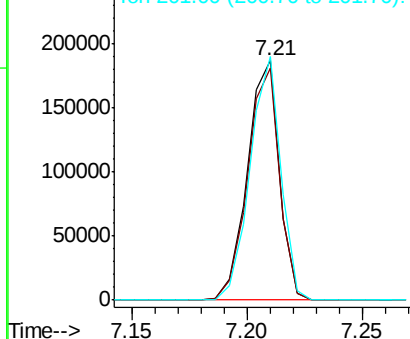


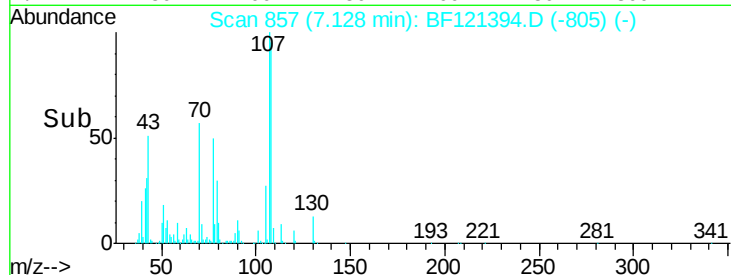
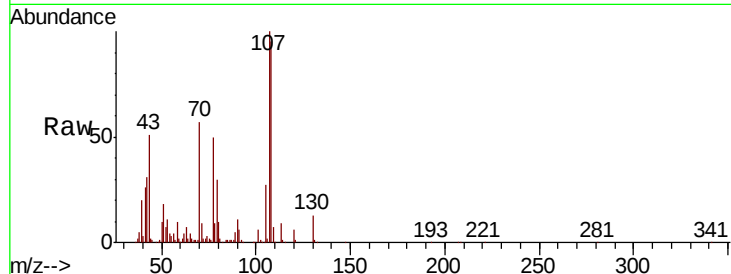
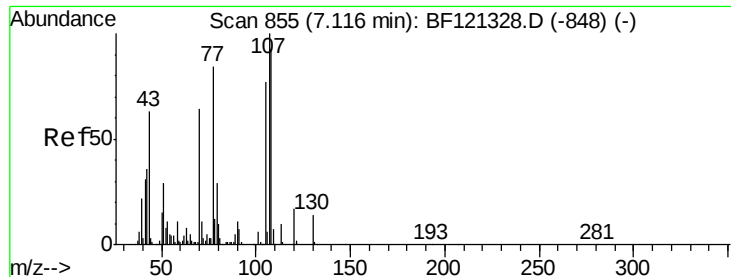
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





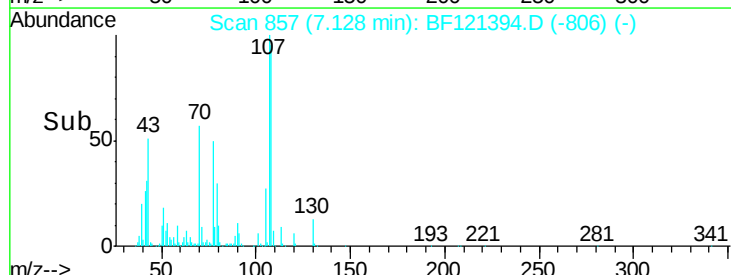
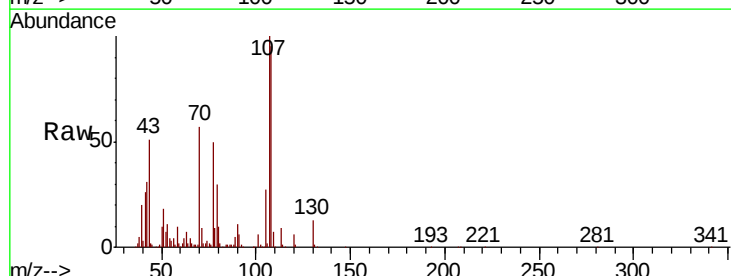
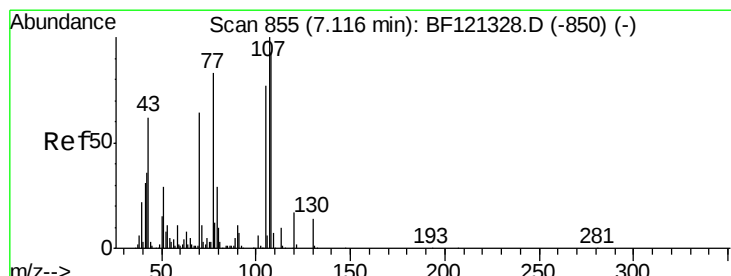
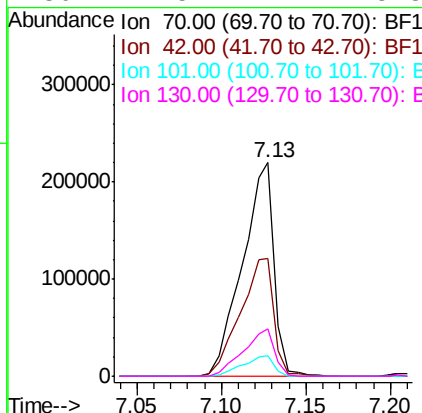
#19
n-Nitroso-di-n-propylamine
Concen: 39.697 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tot Ion	70	Resp	286565
Ion Ratio	Lower	Upper	
70	100		
42	55.0	46.9	70.3
101	9.7	7.7	11.5
130	22.5	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
PB131080BS

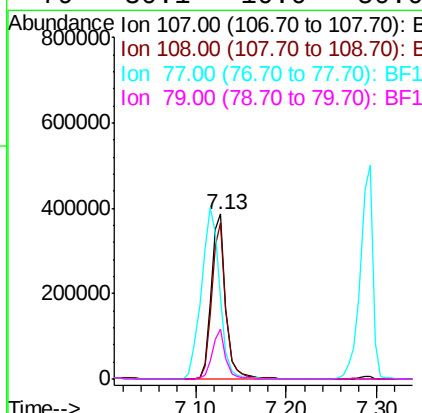
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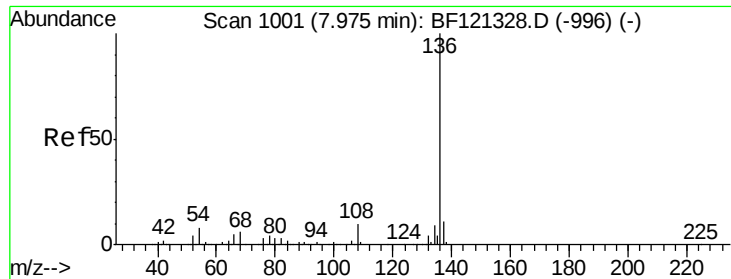
mohammad
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#20
3+4-Methylphenols
Concen: 48.630 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	107	Resp	430882
Ion Ratio	Lower	Upper	
107	100		
108	94.6	76.0	116.0
77	50.0	26.5	66.5
79	30.1	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

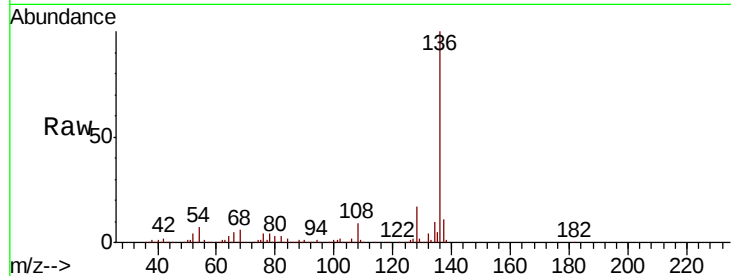
ClientSampleId :

PB131080BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	648881		
137	11.0	8.8	13.2	
54	6.9	5.8	8.6	
68	5.8	4.7	7.1	

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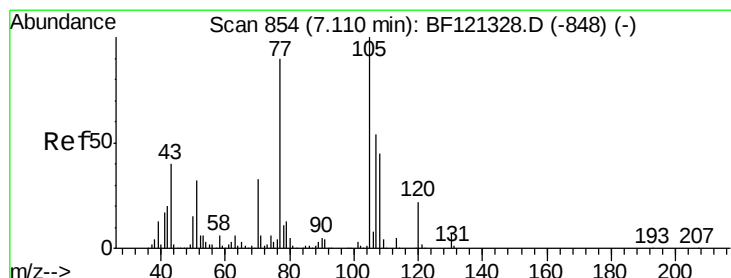
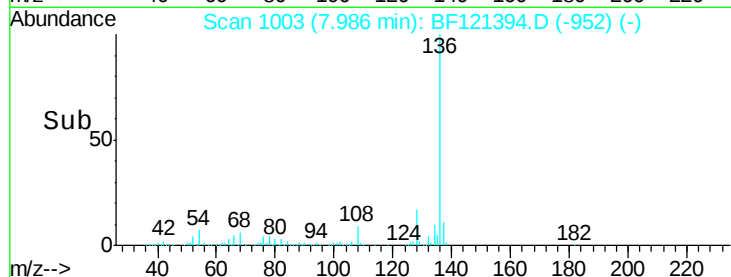
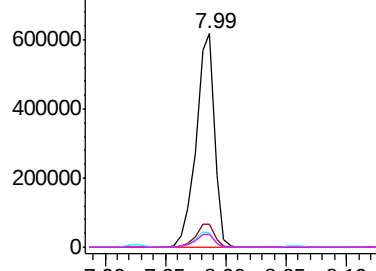


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.649 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

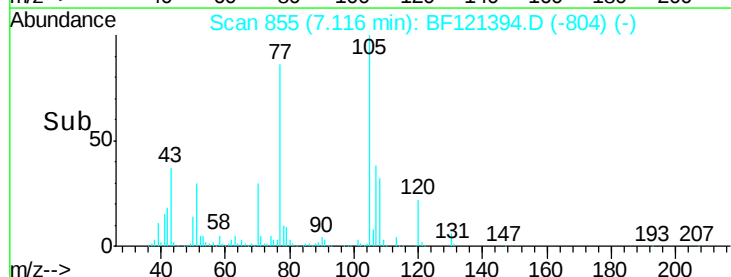
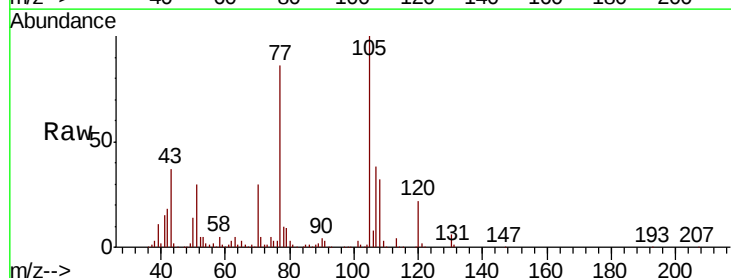
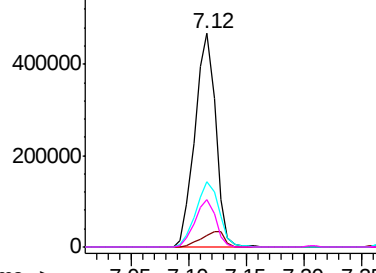
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	586322		
71	5.2	3.5	5.3	
51	30.3	23.9	35.9	
120	22.0	17.9	26.9	

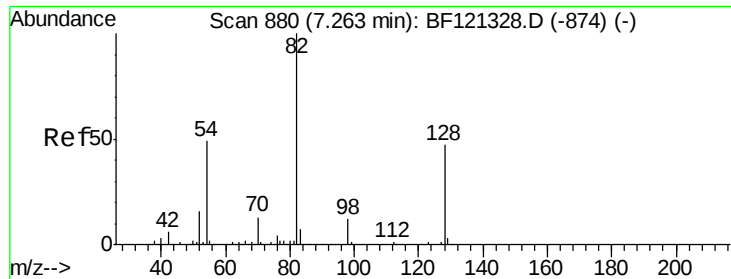
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





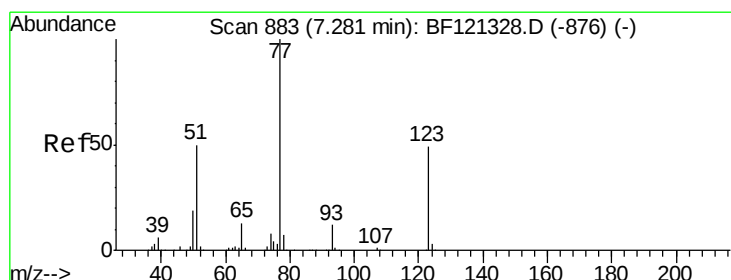
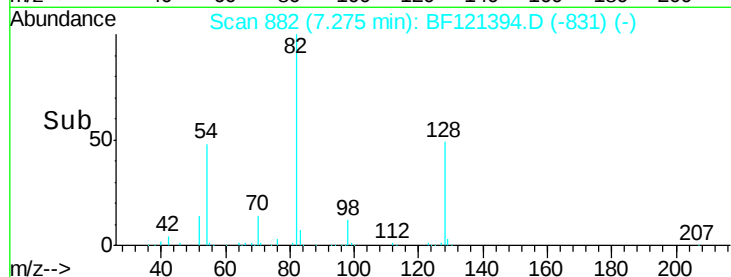
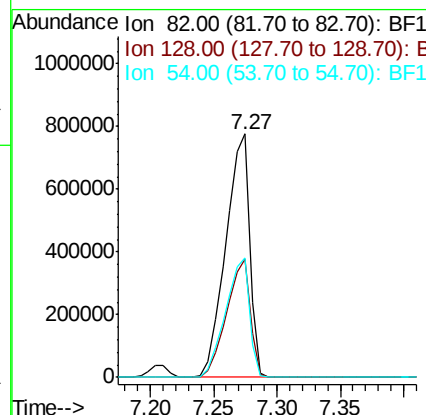
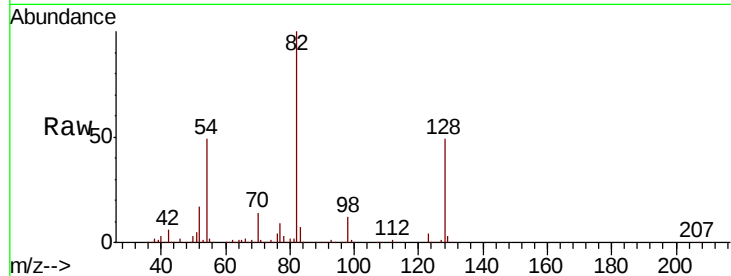
#23
 Nitrobenzene-d5
 Concen: 88.702 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampled :
 PB131080BS

Tot Ion	82	Resp	1017702
Ion Ratio	100	Lower	Upper
82	100		
128	48.6	38.4	57.6
54	49.0	39.0	58.6

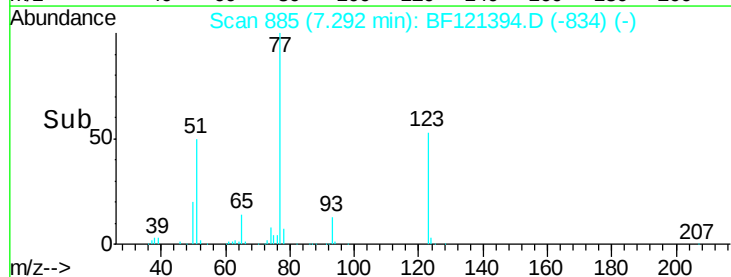
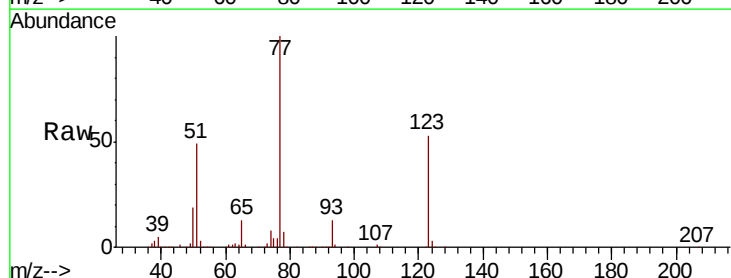
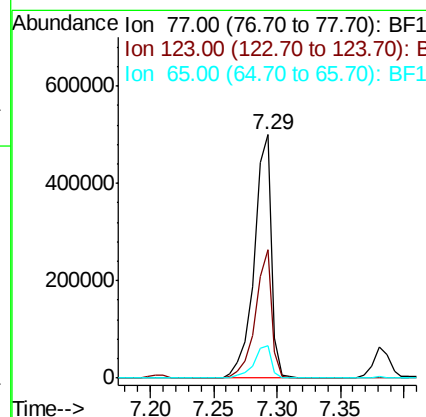
Manual Integrations
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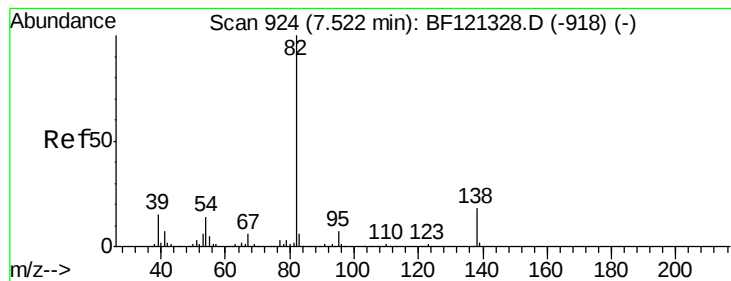
mohammad
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#24
 Nitrobenzene
 Concen: 40.475 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	77	Resp	473300
Ion Ratio	100	Lower	Upper
77	100		
123	52.6	42.0	63.0
65	13.3	10.4	15.6





#25

Isophorone

Concen: 41.859 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

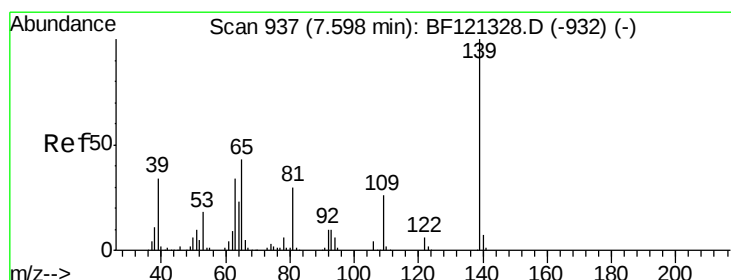
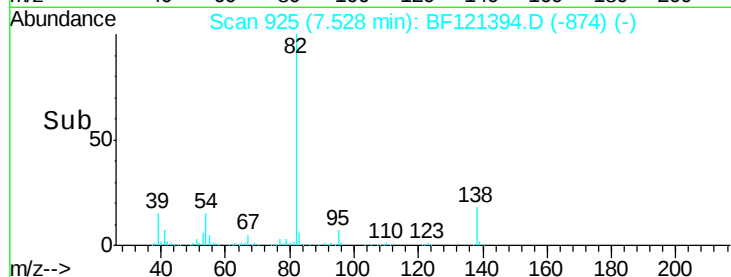
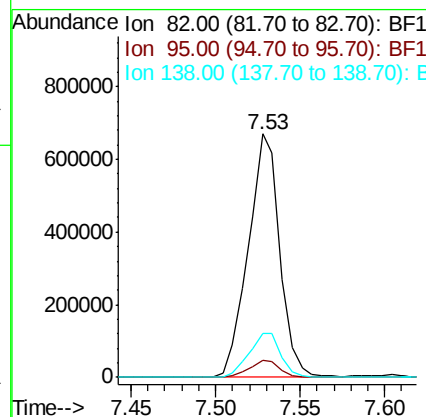
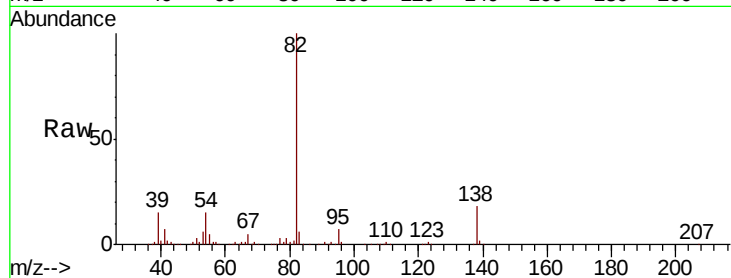
ClientSampleId :

PB131080BS

Tot Ion:	82	Resp:	873991
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.2	15.0	22.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.453 ng

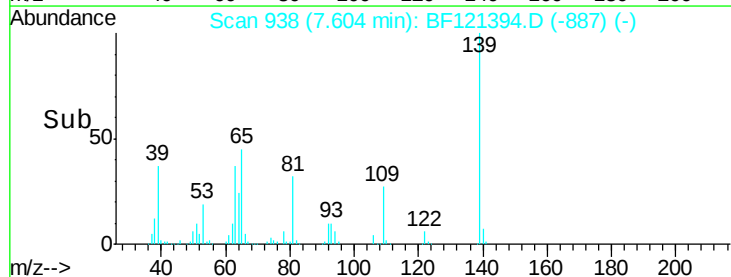
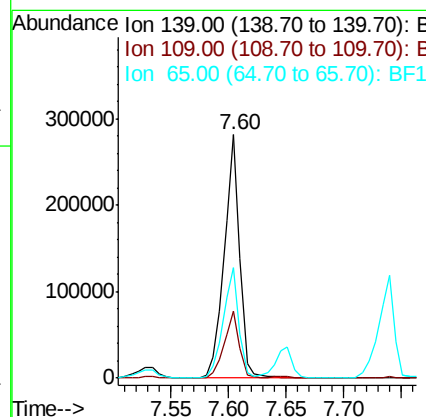
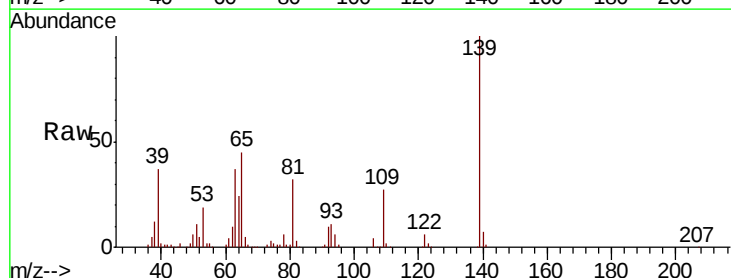
RT: 7.60 min Scan# 938

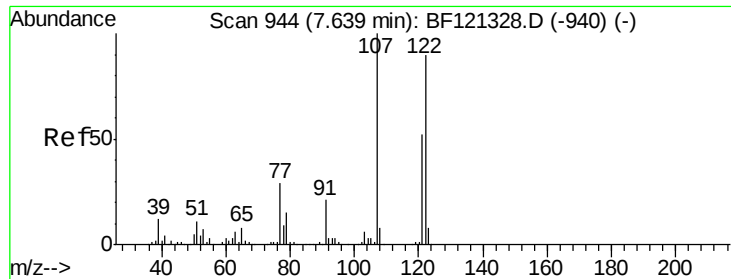
Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	139	Resp:	260598
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.2	31.8
65	45.3	37.0	55.6





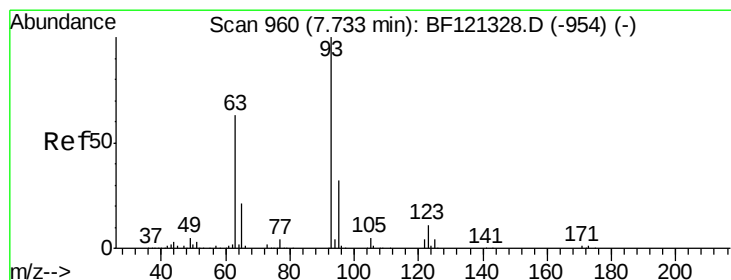
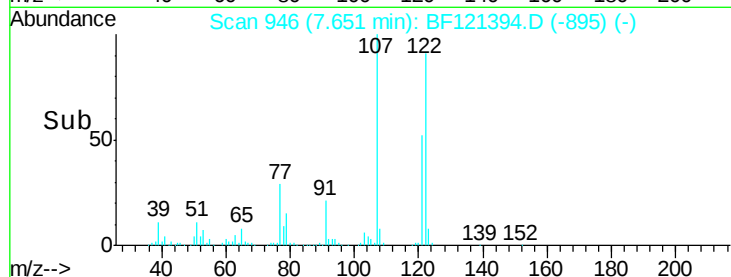
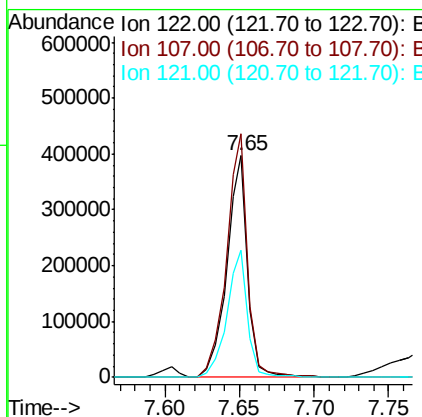
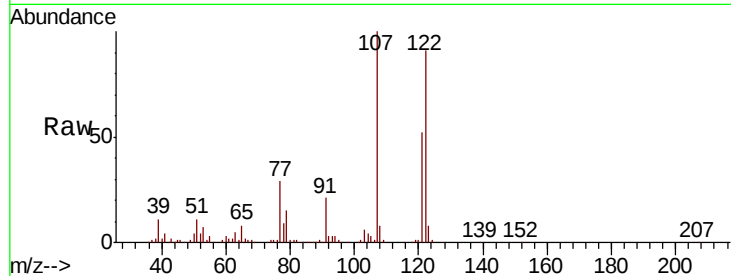
#27
 2,4-Dimethylphenol
 Concen: 45.615 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	390349		
107	109.9	85.1	127.7	
121	57.5	44.9	67.3	

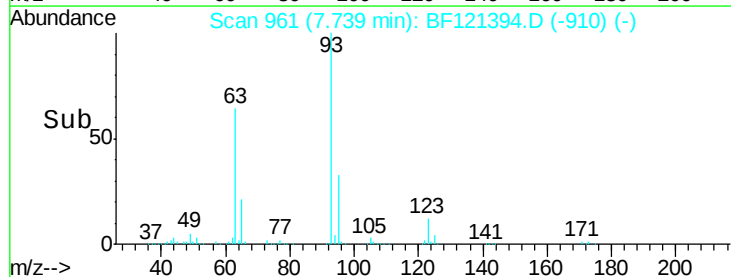
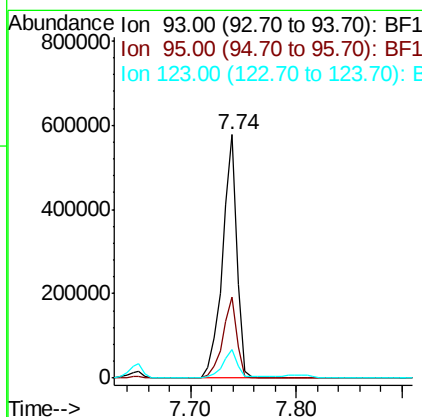
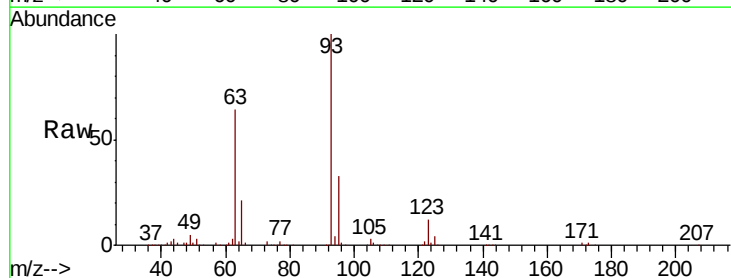
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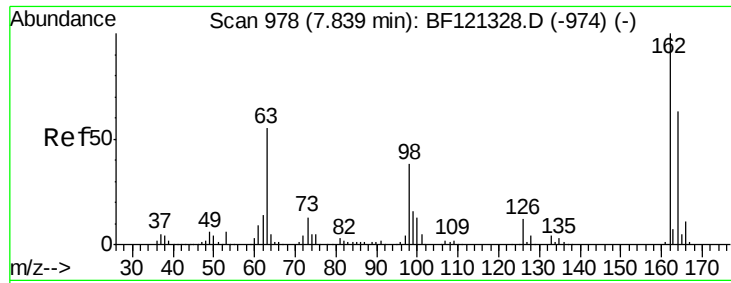
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.983 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	554077		
95	33.0	26.6	39.8	
123	11.7	9.4	14.0	





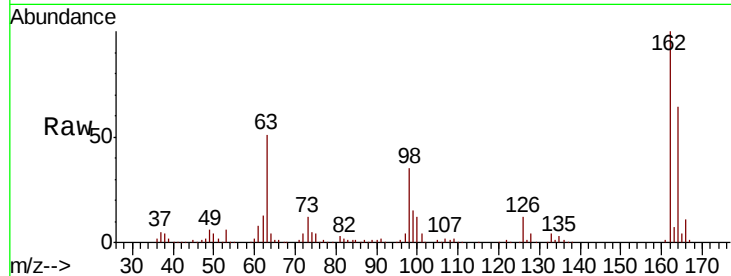
#29
2,4-Dichlorophenol
Concen: 41.733 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

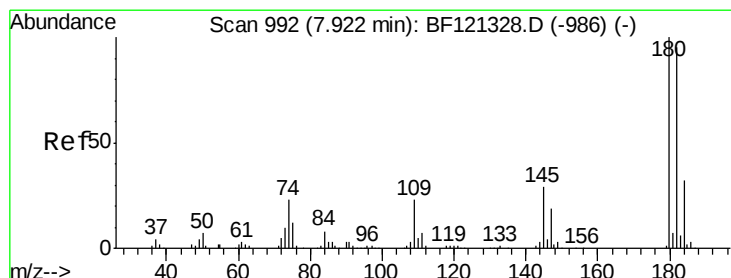
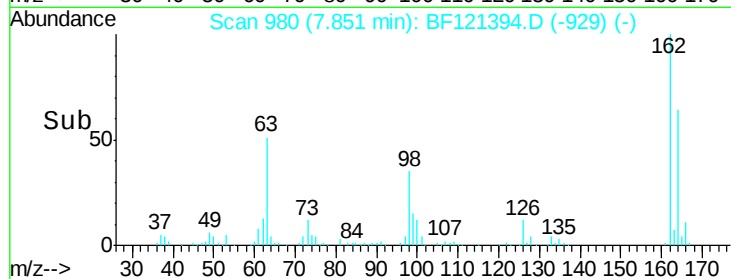
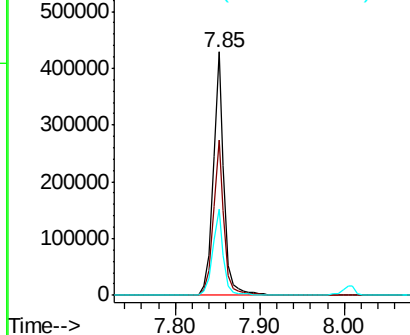
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		389908		
164	63.7	44.3	84.3		
98	35.3	16.1	56.1		

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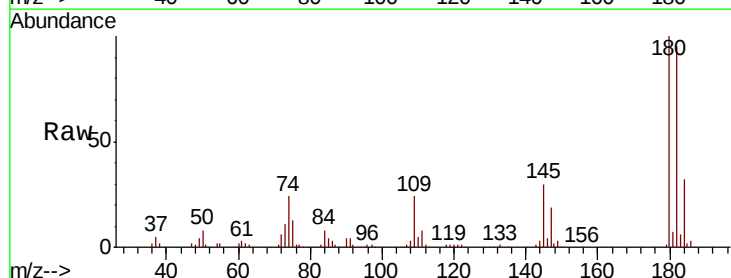


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

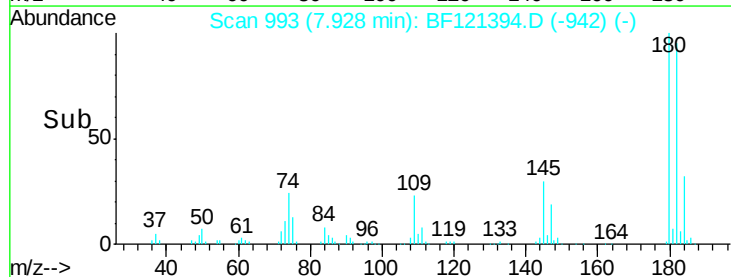
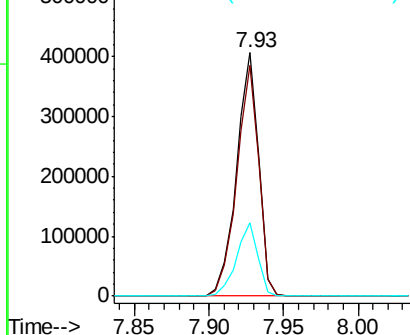


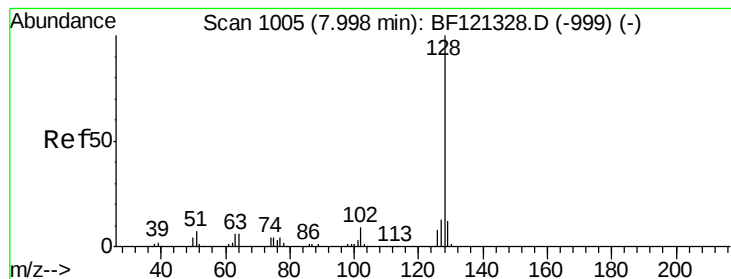
#30
1,2,4-Trichlorobenzene
Concen: 39.187 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		418683		
182	94.8	75.0	112.6		
145	30.1	24.1	36.1		



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





#31

Naphthalene

Concen: 39.549 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

ClientSampleId :

PB131080BS

Tot Ion:128 Resp: 1277205

Ion Ratio Lower Upper

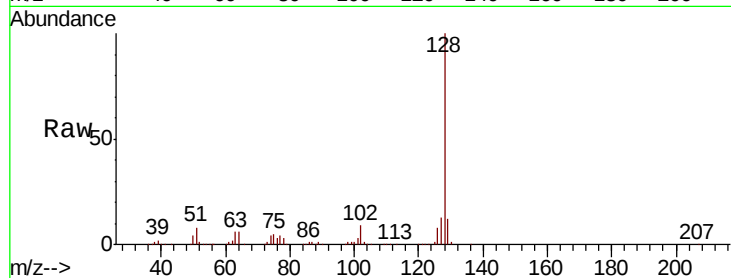
128 100

129 11.6 8.9 13.3

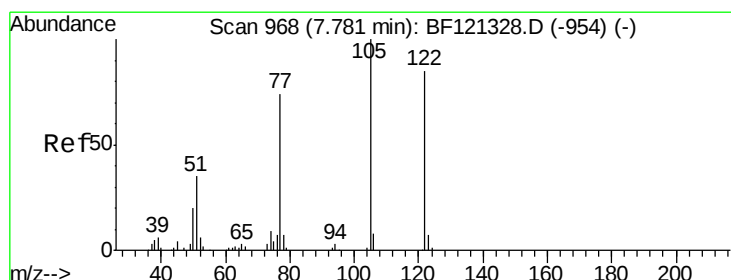
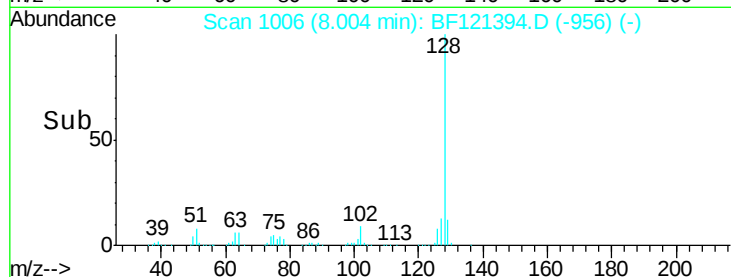
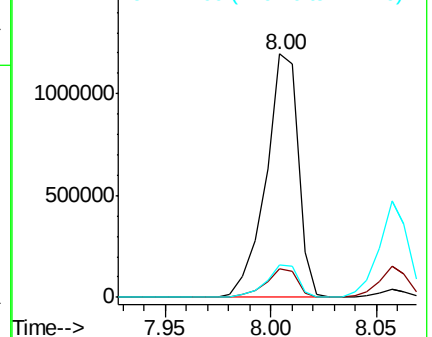
127 13.4 10.6 15.8

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



#32

Benzoic acid

Concen: 39.674 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

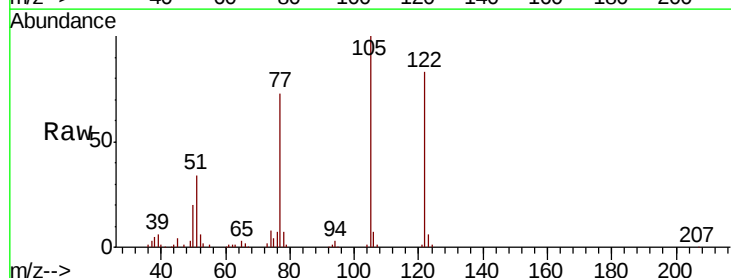
Tgt Ion:122 Resp: 255832

Ion Ratio Lower Upper

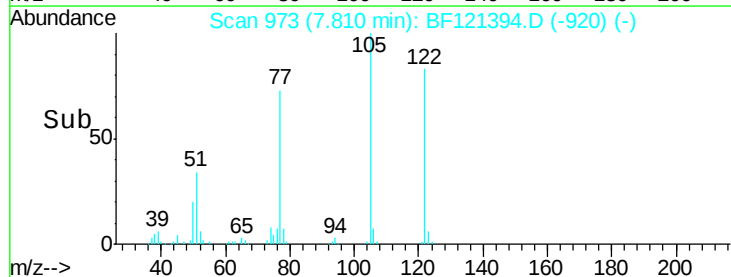
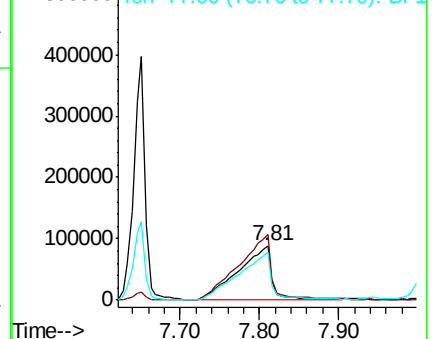
122 100

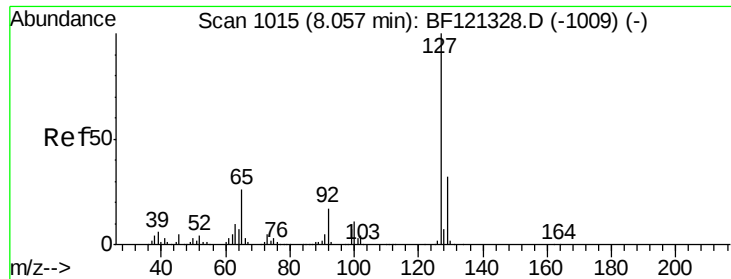
105 120.5 98.8 138.8

77 88.0 66.3 106.3



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





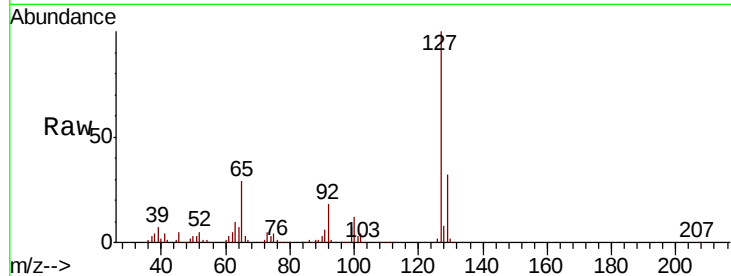
#33
4-Chloroaniline
Concen: 34.914 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

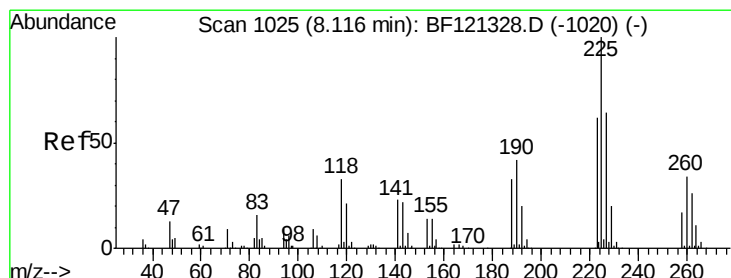
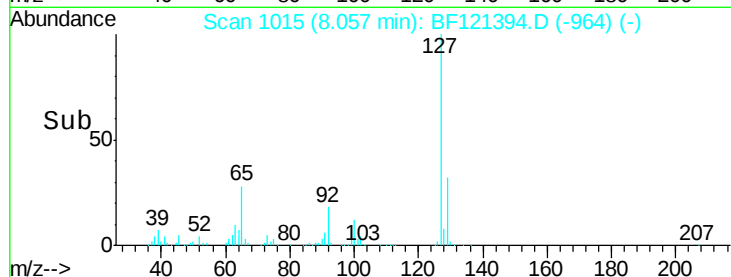
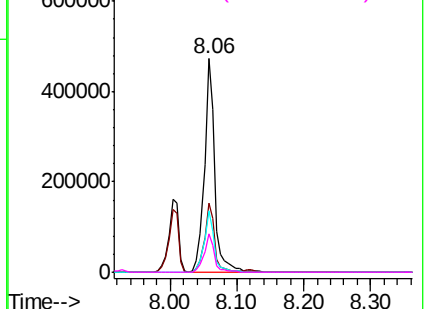
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		499285		
129	32.2	26.1	39.1		
65	28.8	23.7	35.5		
92	18.2	14.6	22.0		

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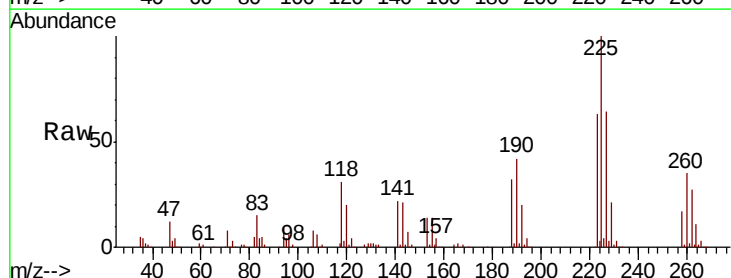


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

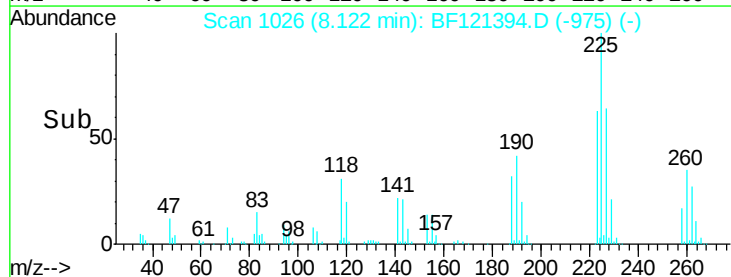
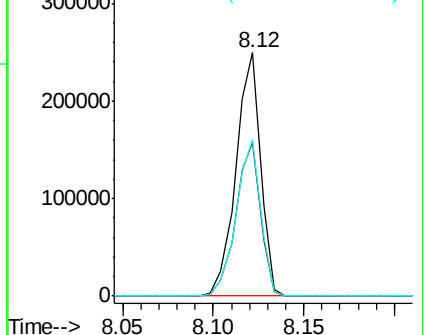


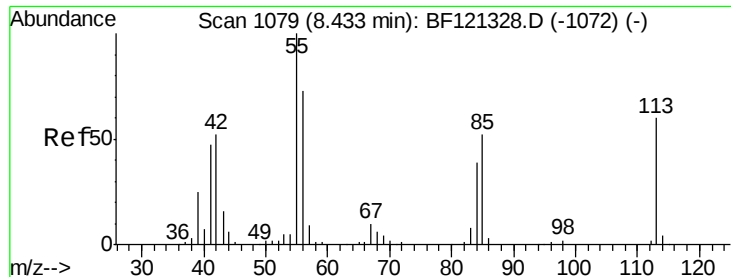
#34
Hexachlorobutadiene
Concen: 37.257 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		235570		
223	63.3	51.2	76.8		
227	64.4	51.8	77.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





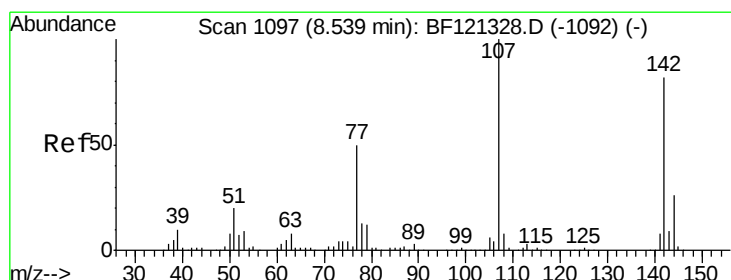
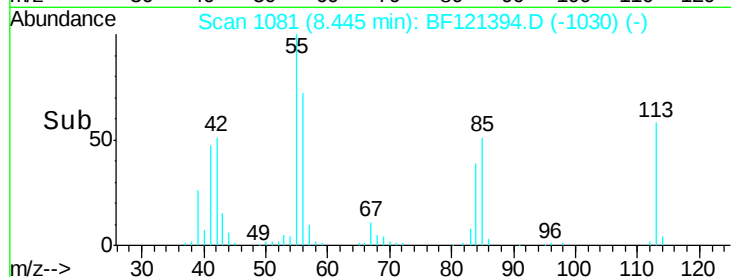
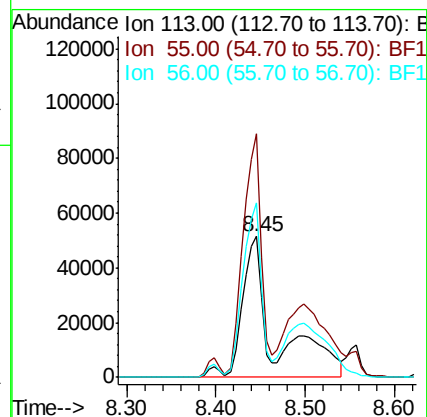
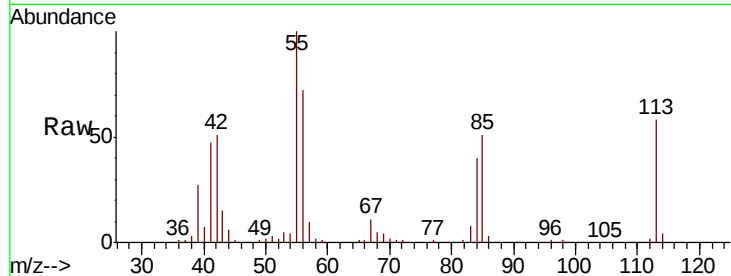
#35
 Caprolactam
 Concen: 42.727 ng/ml
 RT: 8.45 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.8	147.4	187.4
56	124.0	102.7	142.7

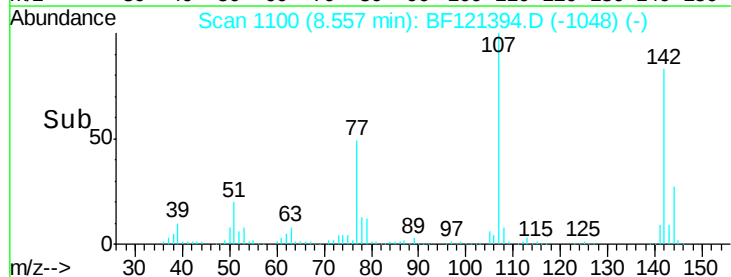
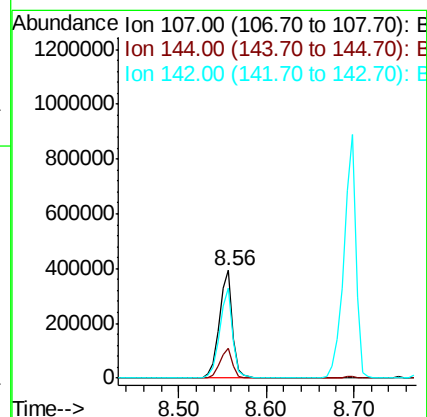
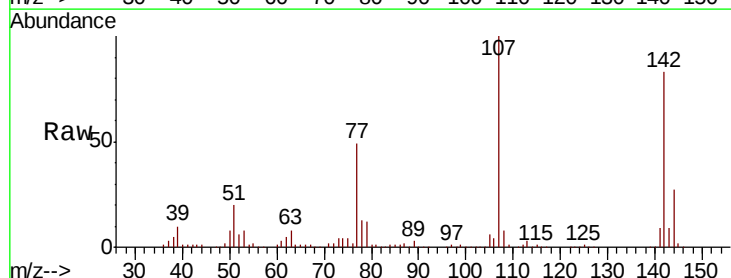
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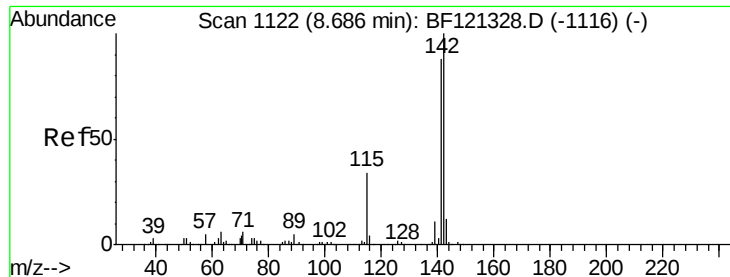
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#36
 4-Chloro-3-methylphenol
 Concen: 43.392 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.7	31.1
142	82.9	65.4	98.2





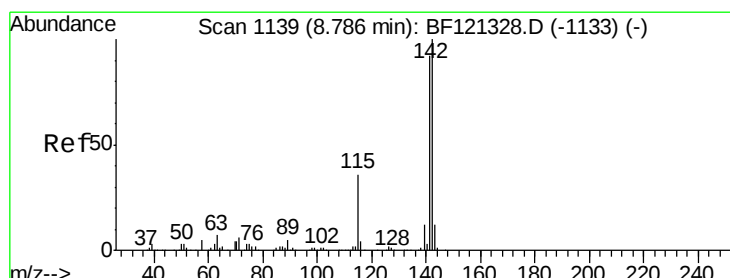
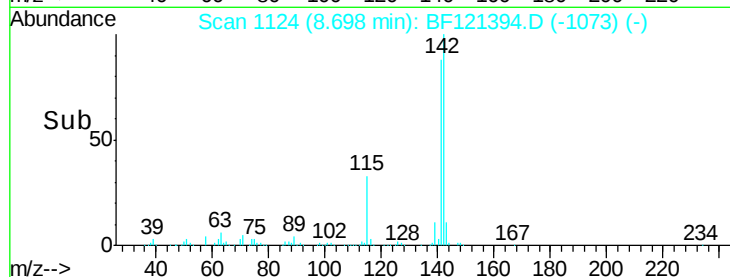
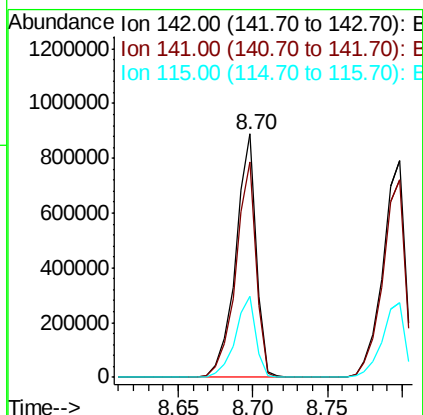
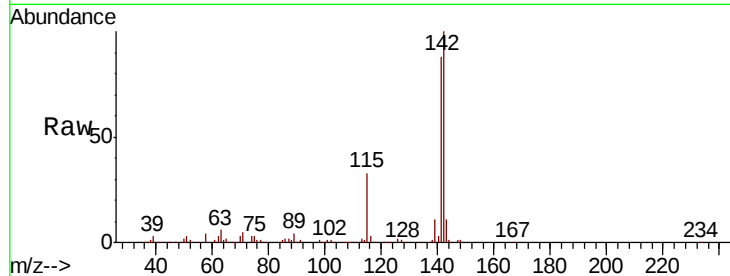
#37
2-Methylnaphthalene
Concen: 40.877 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8
115	33.1	26.9	40.3

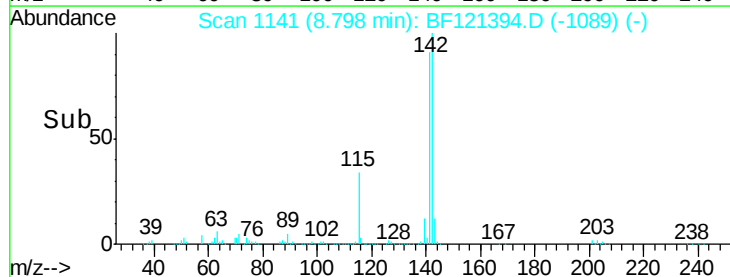
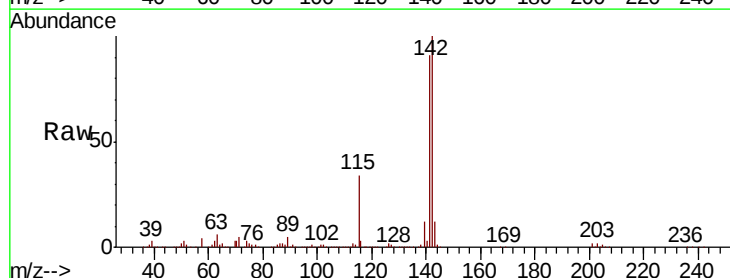
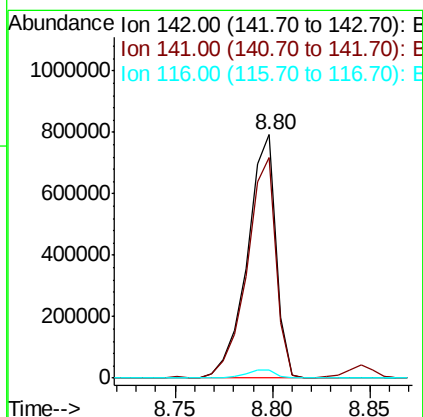
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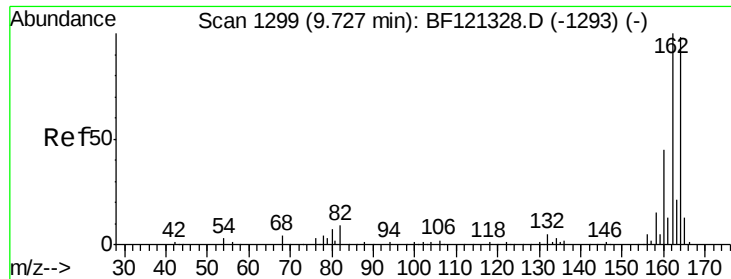
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#38
1-Methylnaphthalene
Concen: 40.467 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.0	109.6
116	3.5	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: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

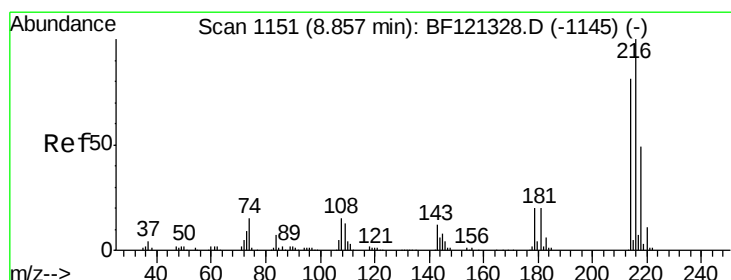
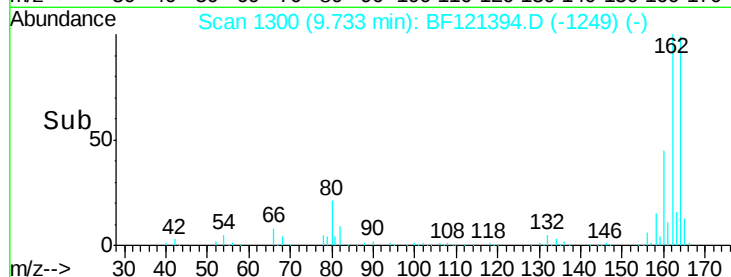
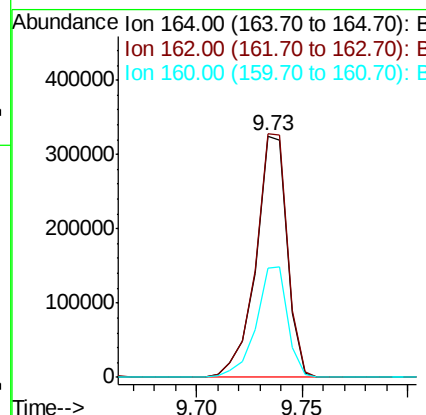
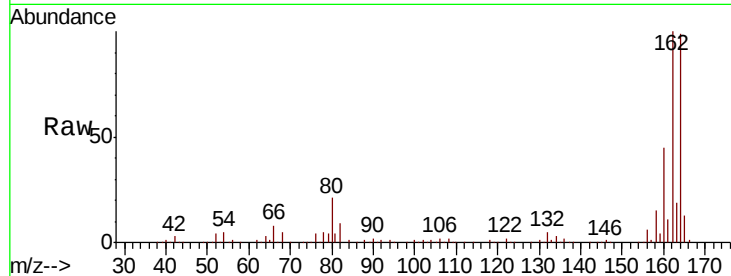
ClientSampleId :

PB131080BS

Tot Ion:	164	Resp:	335795
Ion Ratio	Lower	Upper	
164	100		
162	100.8	81.9	122.9
160	45.3	37.1	55.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.481 ng

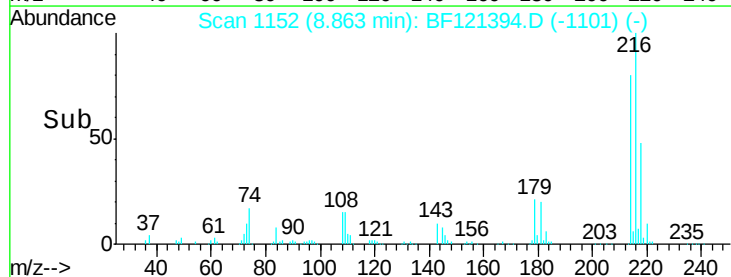
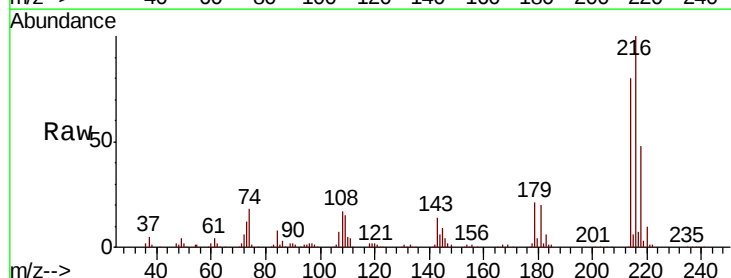
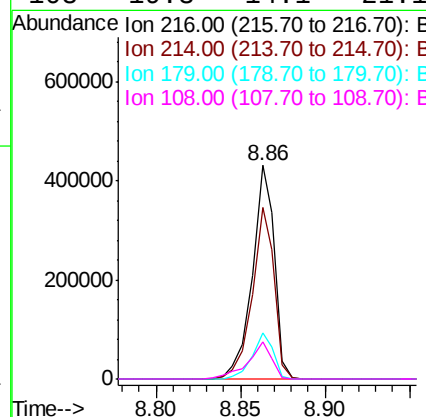
RT: 8.86 min Scan# 1152

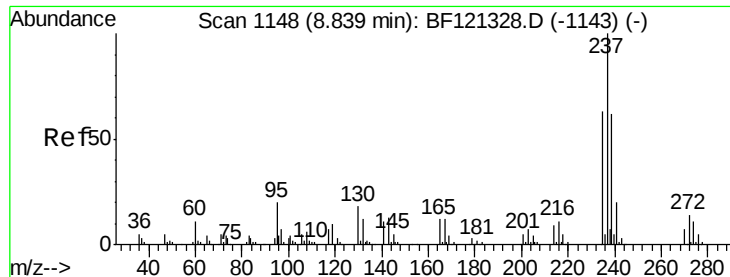
Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	216	Resp:	393483
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.8	95.6
179	20.6	16.6	24.8
108	19.3	14.1	21.1





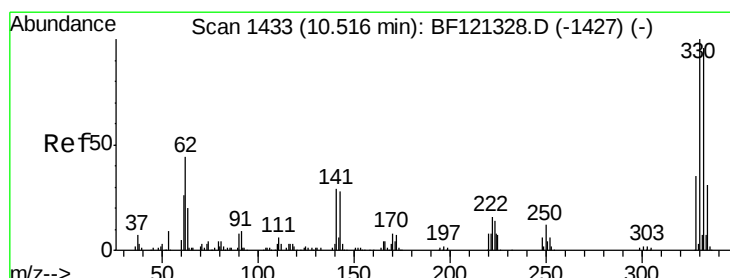
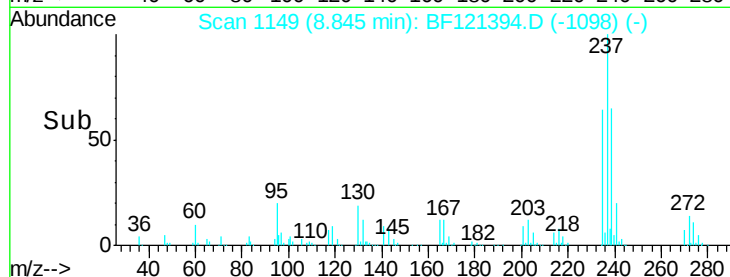
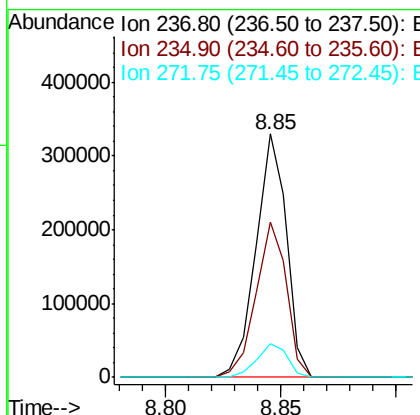
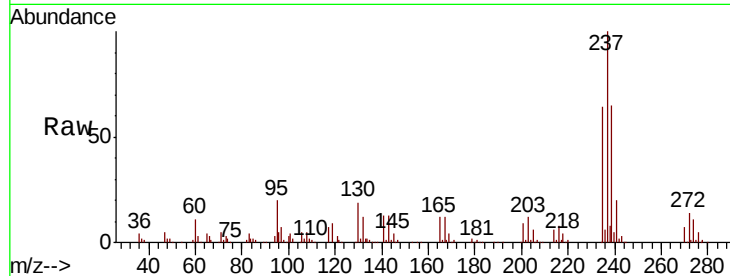
#41
Hexachlorocyclopentadiene
Concen: 77.850 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	306573		
235	63.8	42.8	82.8	
272	13.7	0.0	33.3	

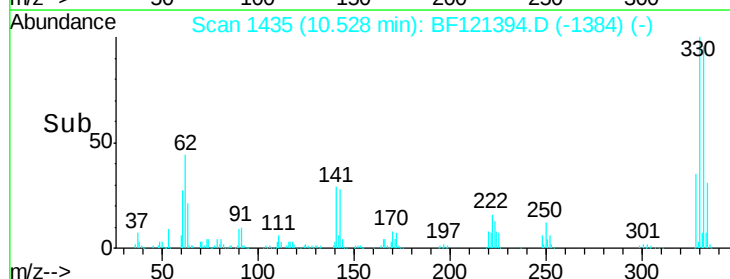
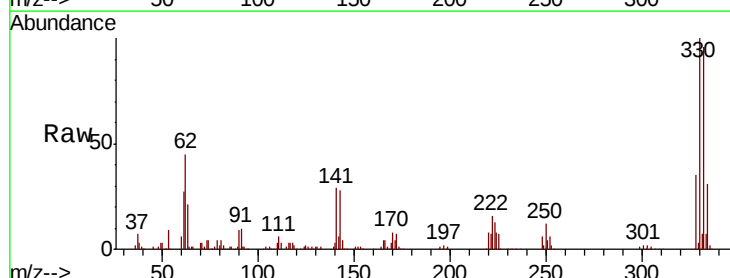
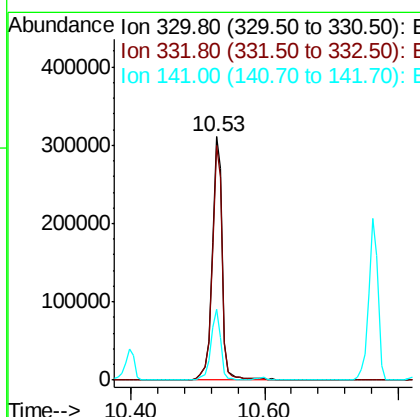
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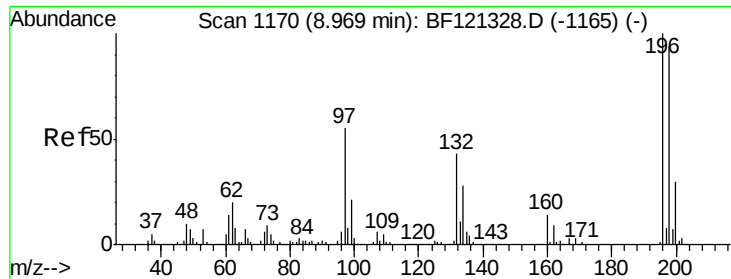
mohammad
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#42
2,4,6-Tribromophenol
Concen: 84.124 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	329182		
332	95.3	77.0	115.6	
141	28.6	22.8	34.2	





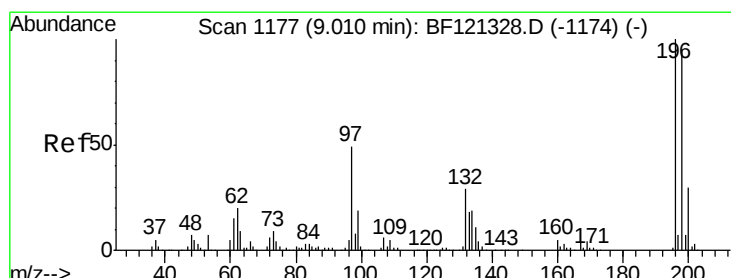
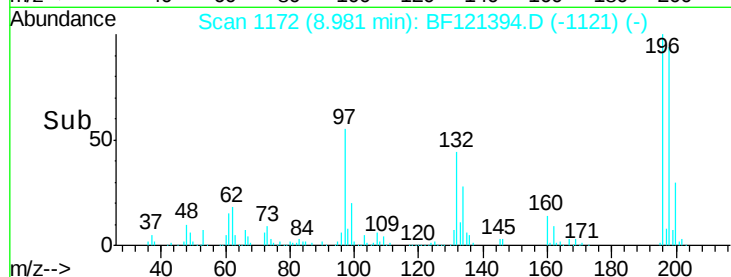
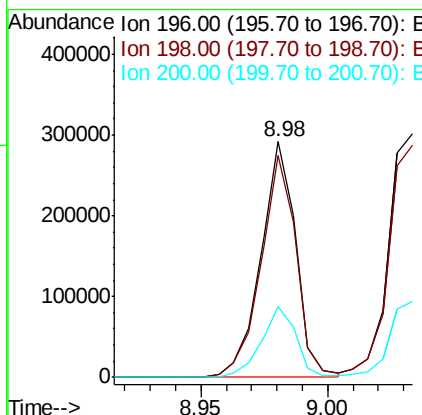
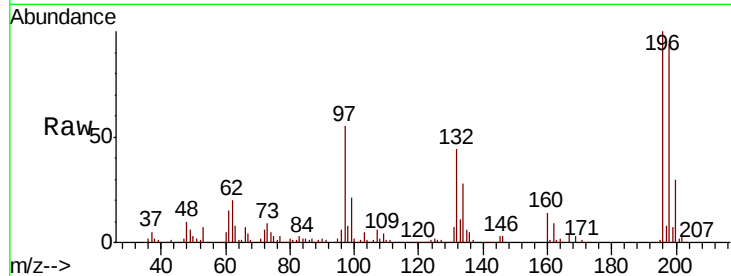
#43
 2,4,6-Trichlorophenol
 Concen: 41.364 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion:	196	Resp:	281834
Ion Ratio	Lower	Upper	
196	100		
198	93.9	76.6	114.8
200	30.3	24.7	37.1

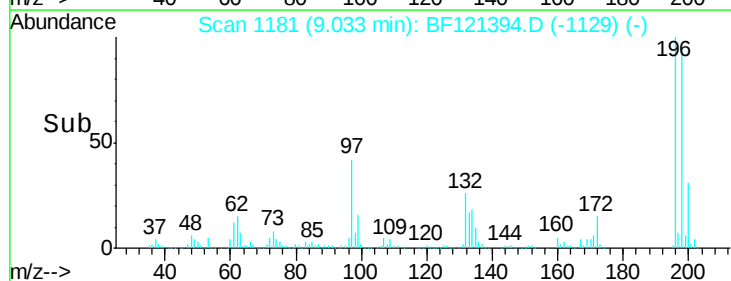
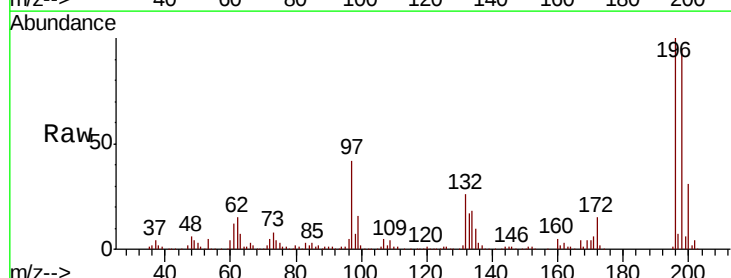
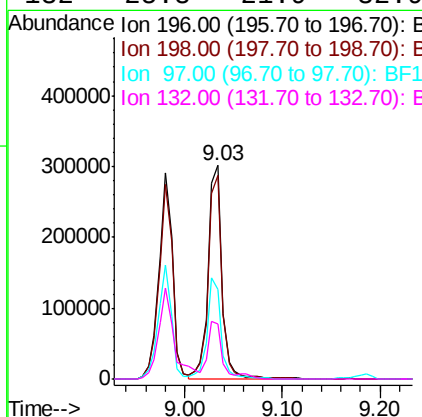
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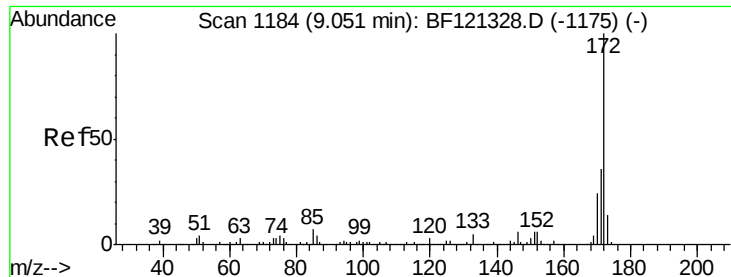
mohammad
 8/25/2020 4:18:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.336 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:	196	Resp:	296771
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.5	114.7
97	42.1	37.3	55.9
132	25.8	21.9	32.9





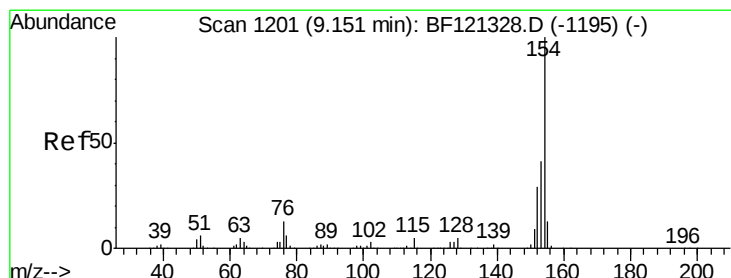
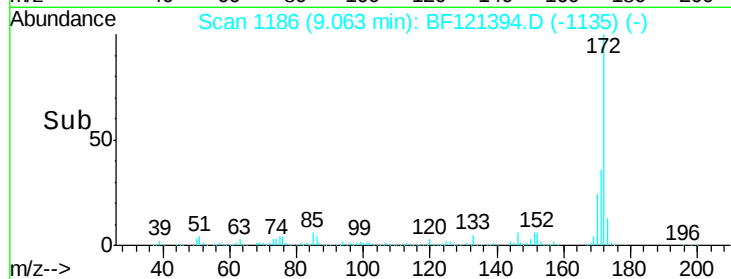
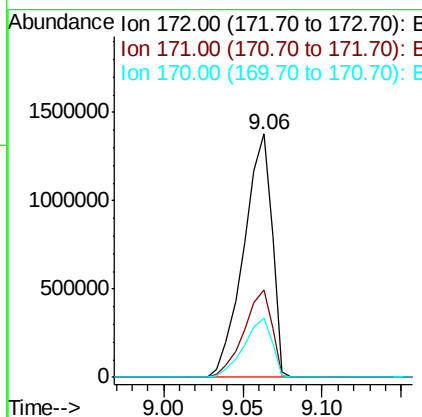
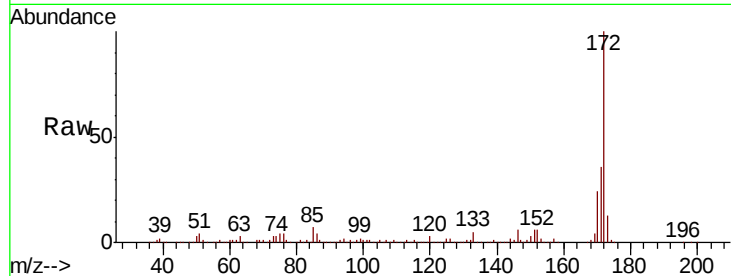
#45
2-Fluorobiphenyl
Concen: 99.403 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.4	19.6	29.4

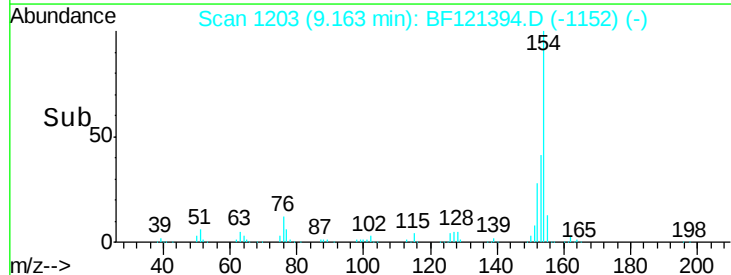
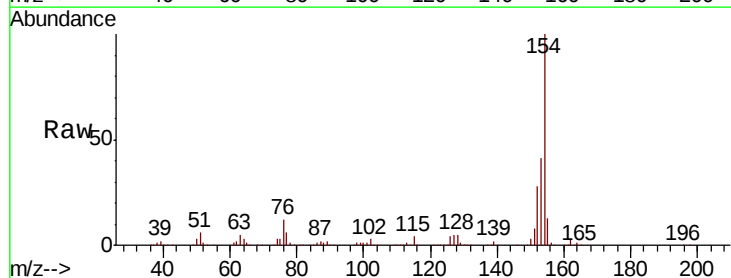
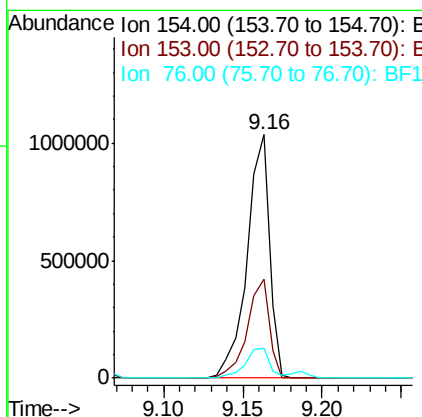
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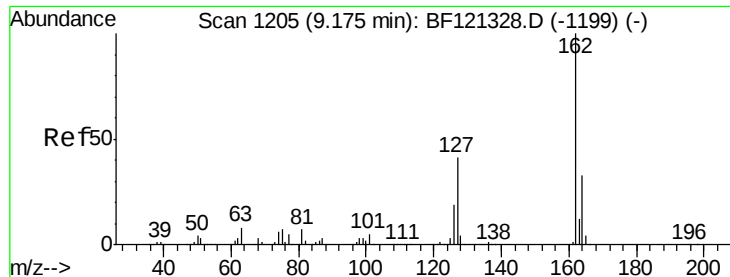
mohammad
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#46
1,1'-Biphenyl
Concen: 40.213 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	12.4	0.0	31.9





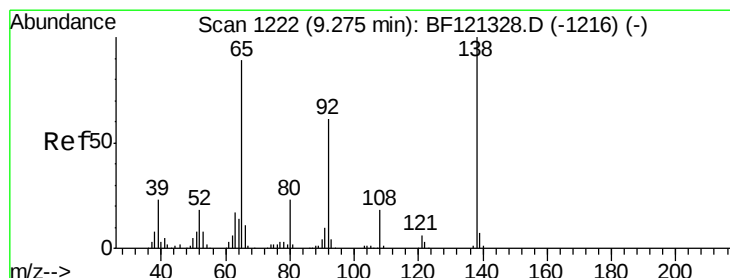
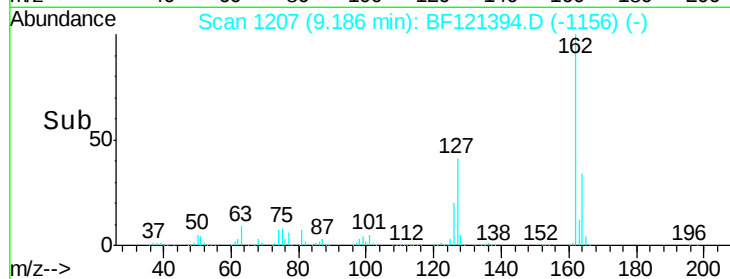
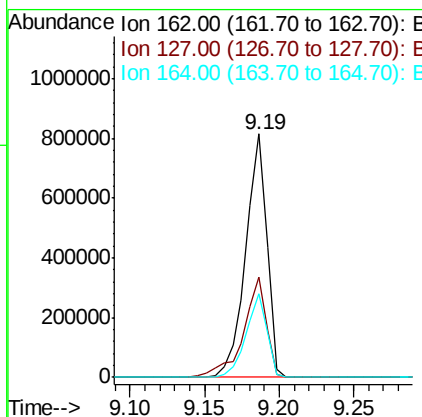
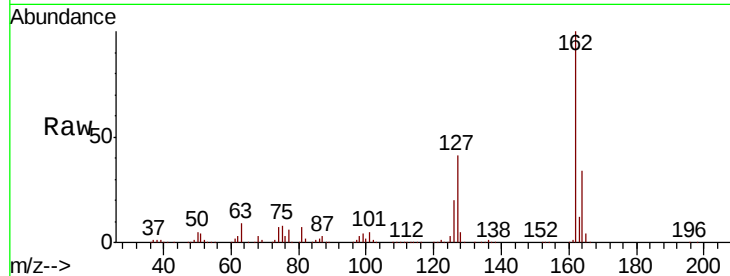
#47
 2-Chloronaphthalene
 Concen: 38.638 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampled :
 PB131080BS

Tot Ion:	162	Resp:	801163
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.4	48.6
164	34.2	26.4	39.6

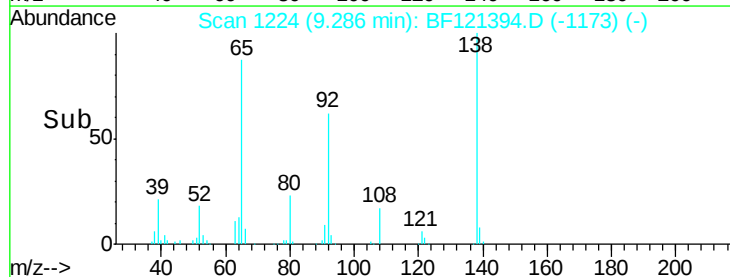
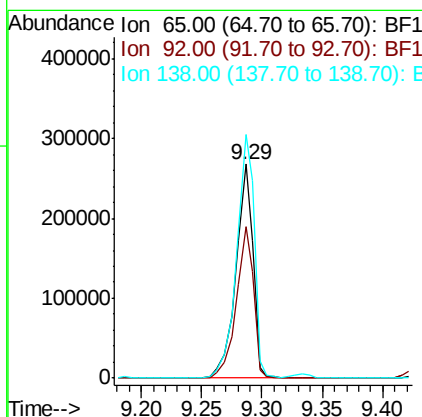
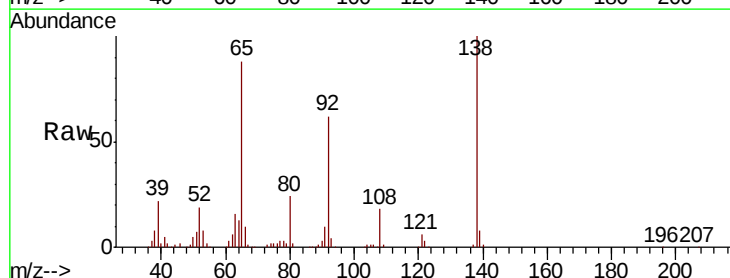
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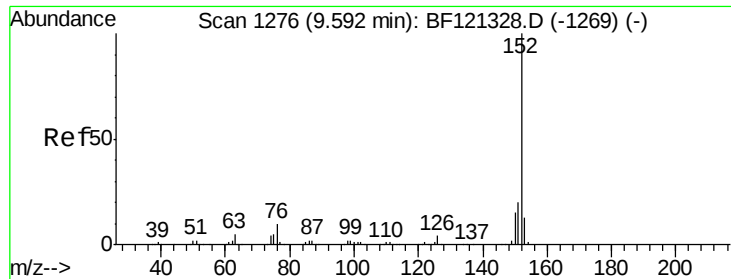
mohammad
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#48
 2-Nitroaniline
 Concen: 40.745 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:	65	Resp:	266006
Ion Ratio	Lower	Upper	
65	100		
92	70.8	58.0	87.0
138	113.7	94.1	141.1





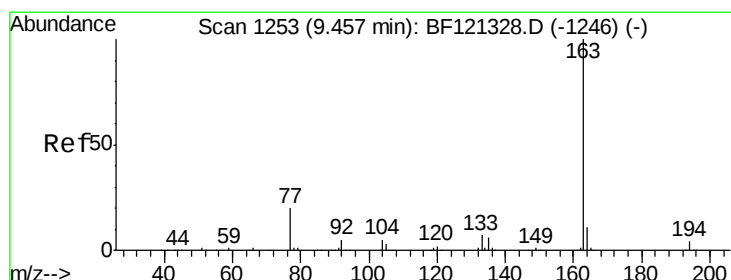
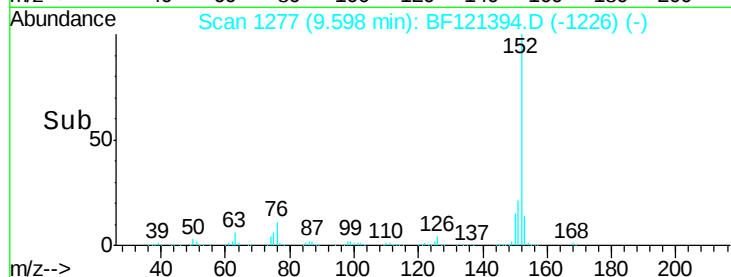
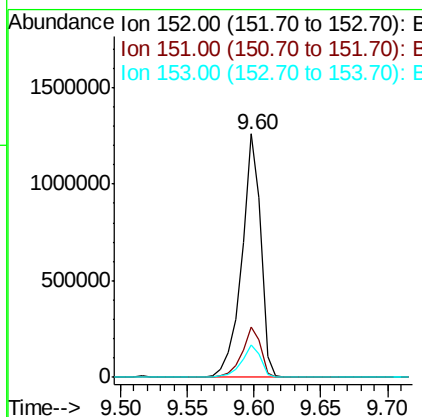
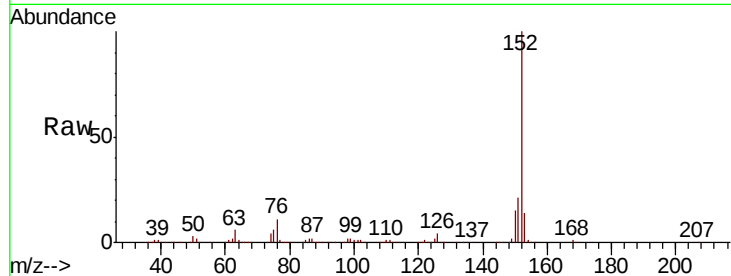
#49
Acenaphthylene
Concen: 40.001 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.5	24.7
153	13.5	10.8	16.2

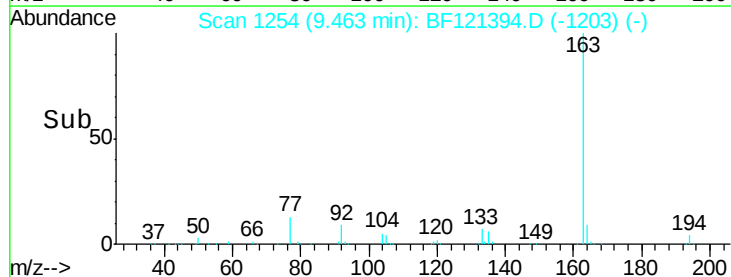
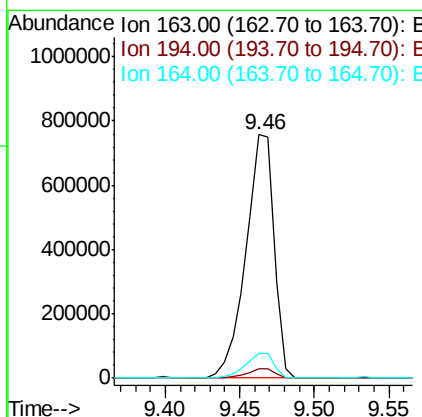
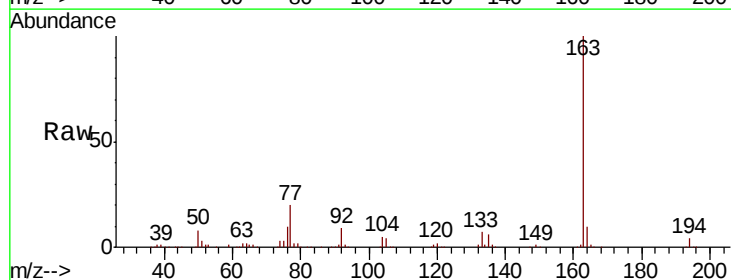
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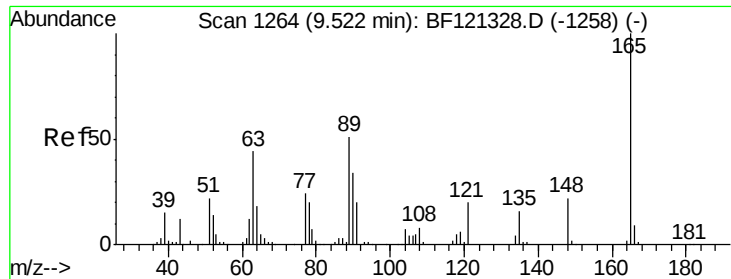
mohammad
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#50
Dimethylphthalate
Concen: 40.470 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 43.033 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

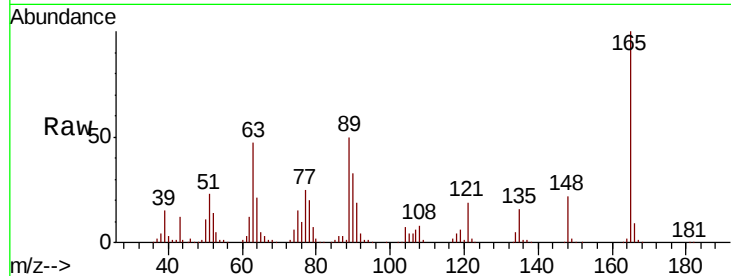
ClientSampleId :

PB131080BS

Tot Ion:	165	Resp:	224519
Ion Ratio	Lower	Upper	
165	100		
63	46.5	36.1	54.1
89	49.9	39.4	59.2

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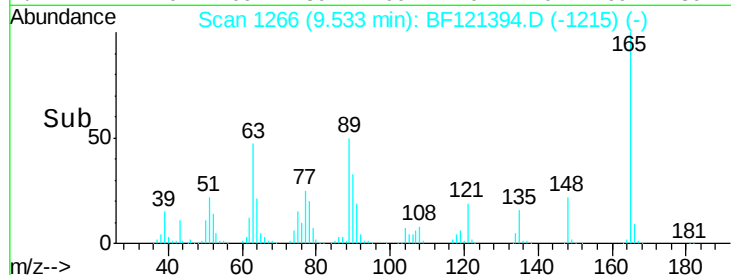


Abundance Ion 165.00 (164.70 to 165.70): E

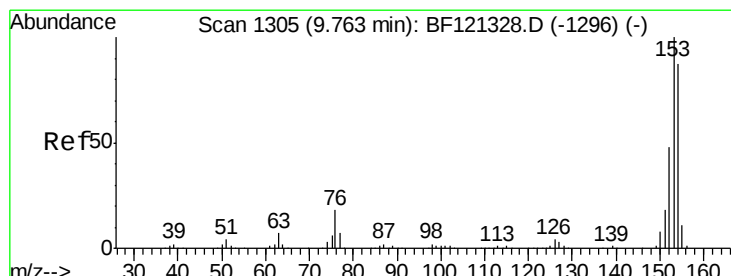
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 39.414 ng

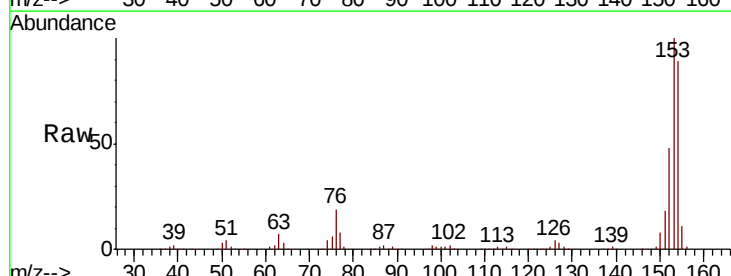
RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	154	Resp:	737572
Ion Ratio	Lower	Upper	
154	100		
153	111.9	89.1	133.7
152	54.3	43.2	64.8

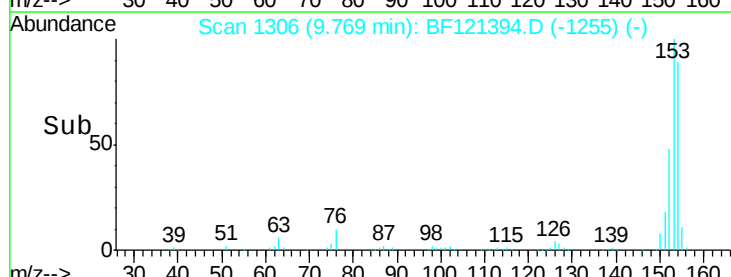


Abundance Ion 154.00 (153.70 to 154.70): E

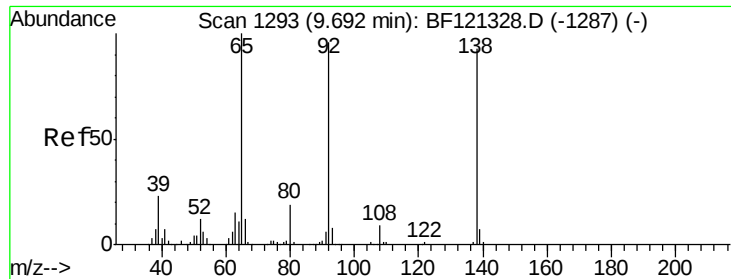
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



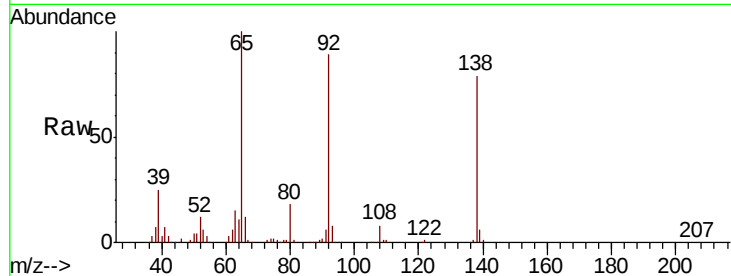
#53
3-Nitroaniline
Concen: 33.207 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.9	11.9
92	112.7	87.2	130.8

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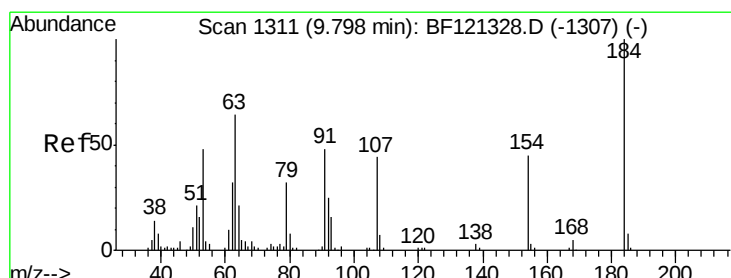
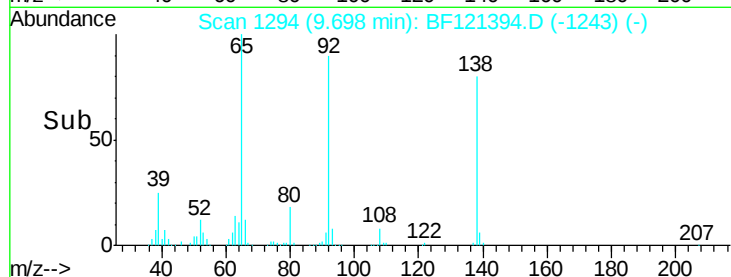
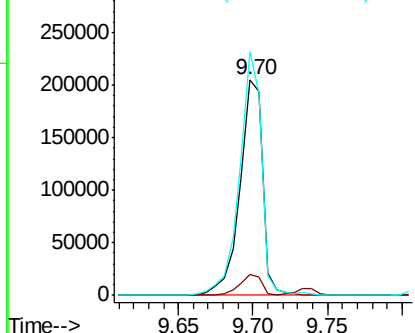


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 93.350 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

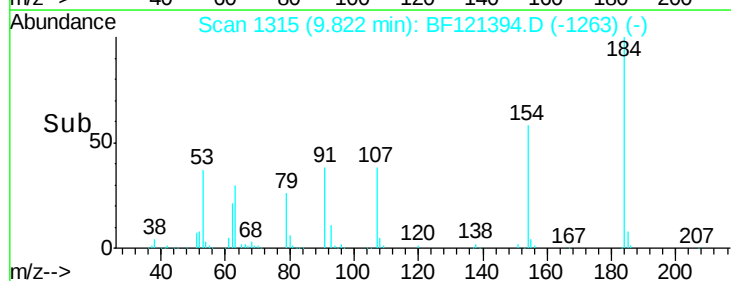
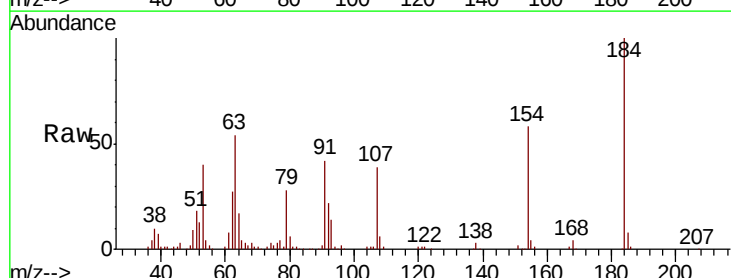
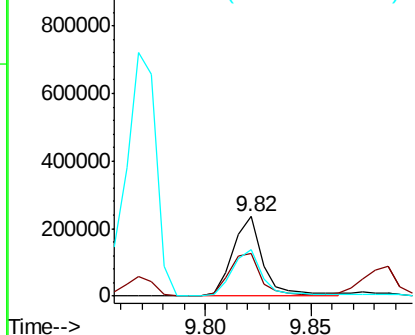
Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	48.2	72.2
154	58.5	47.7	71.5

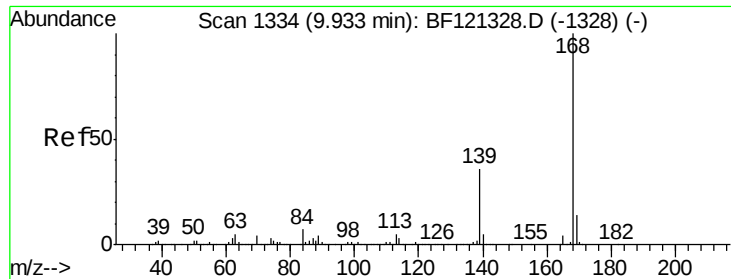
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





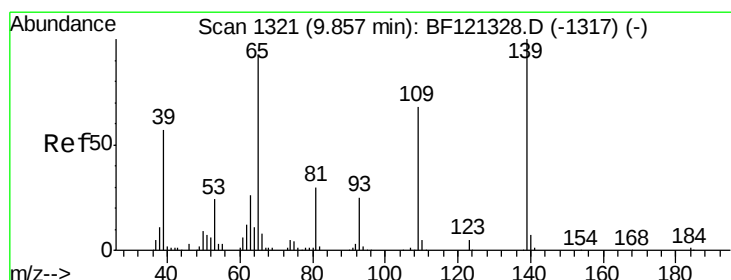
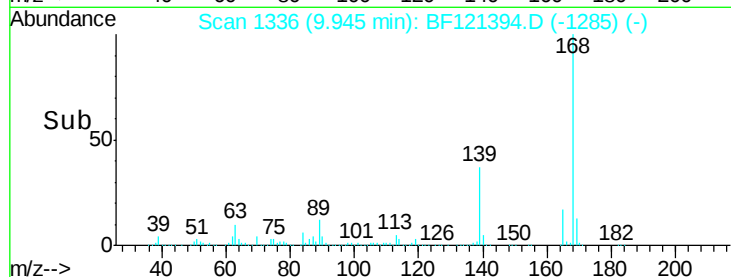
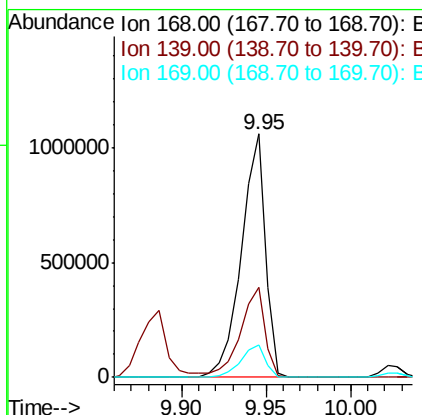
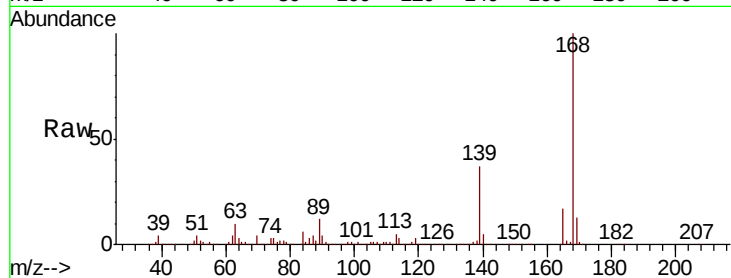
#55
Dibenzenofuran
Concen: 44.170 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.8	28.2	42.4
169	13.5	10.6	16.0

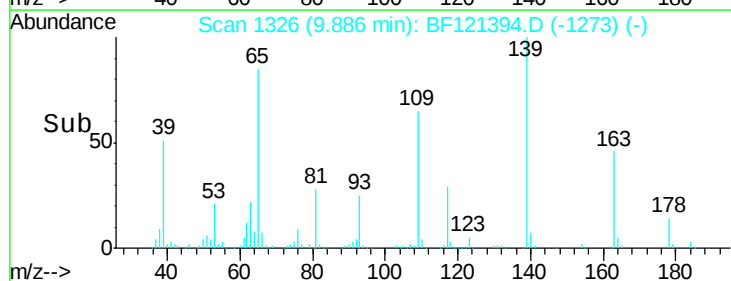
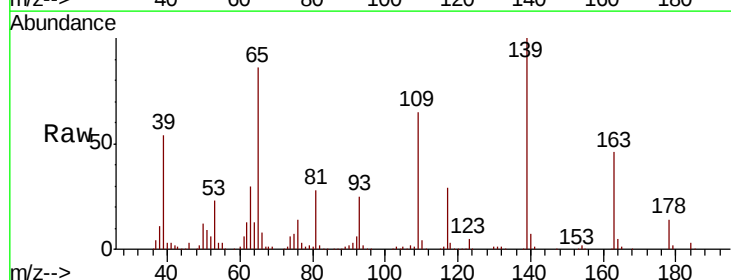
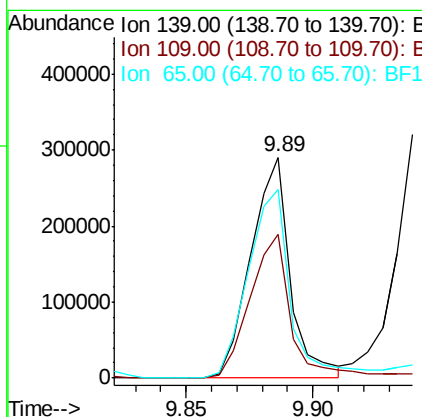
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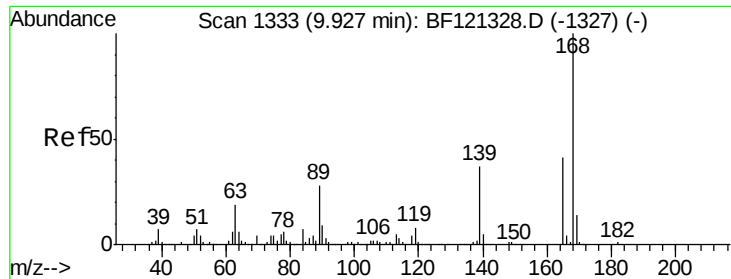
mohammad
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#56
4-Nitrophenol
Concen: 78.218 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.9	46.1	86.1
65	85.6	71.1	111.1





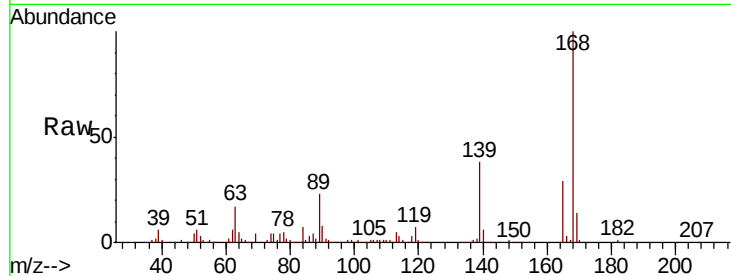
#57
 2,4-Dinitrotoluene
 Concen: 40.370 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

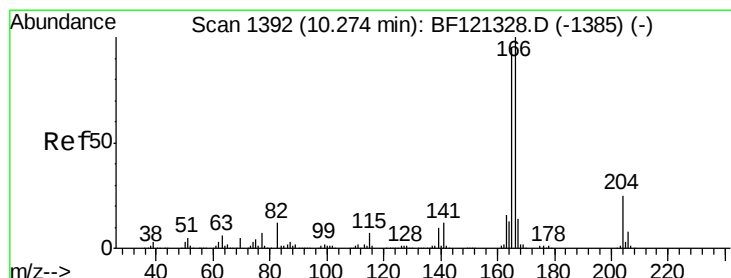
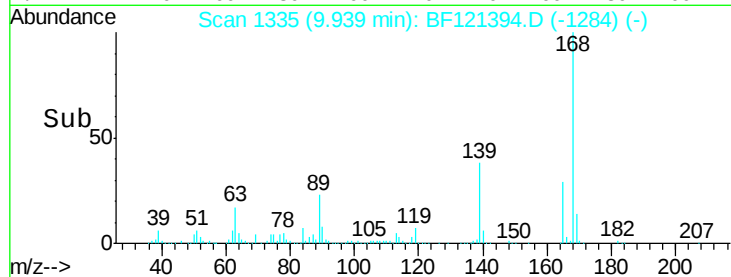
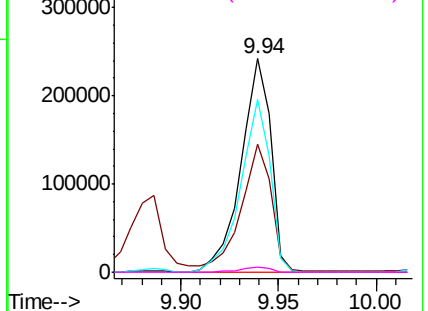
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.9	45.0	67.6	
89	80.7	60.2	90.2	
182	2.6	2.1	3.1	

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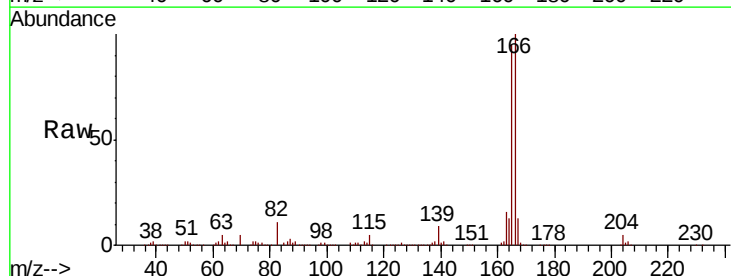


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

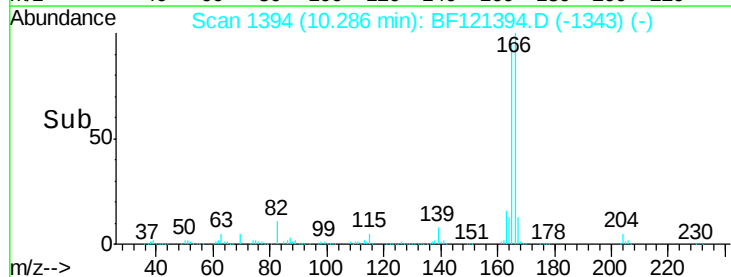
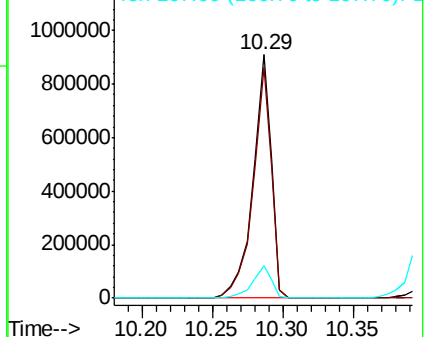


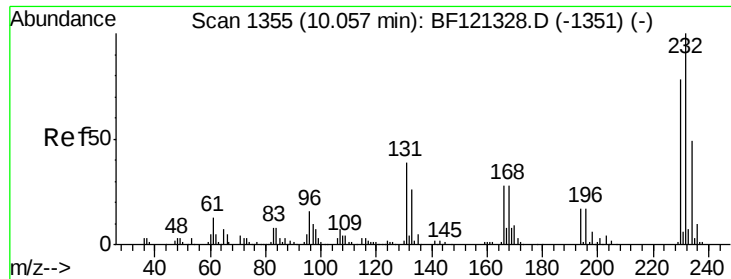
#58
 Fluorene
 Concen: 47.559 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.5	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





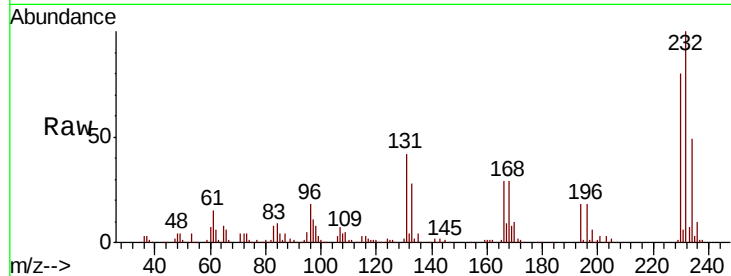
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.935 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

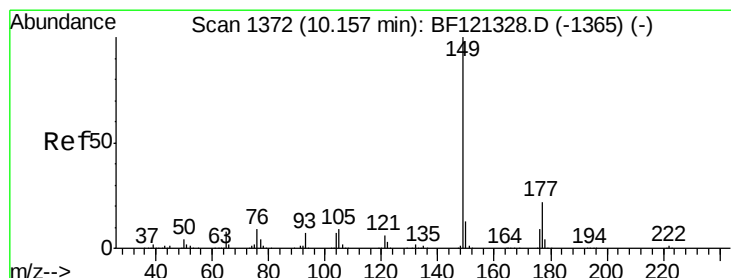
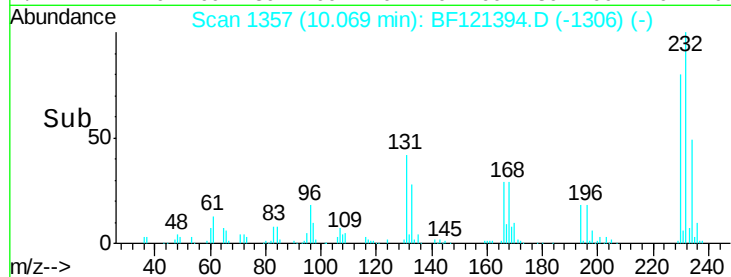
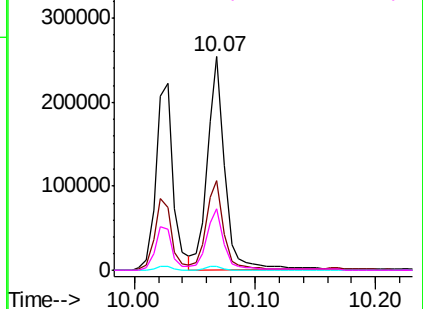
Tot Ion:	232	Resp:	251290
Ion Ratio	Lower	Upper	
232	100		
131	43.8	32.5	48.7
130	2.1	1.5	2.3
166	28.2	21.8	32.8

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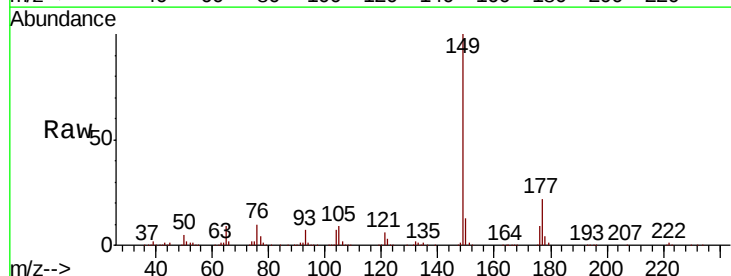


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

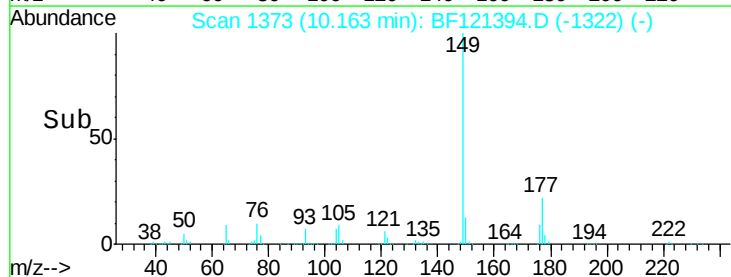
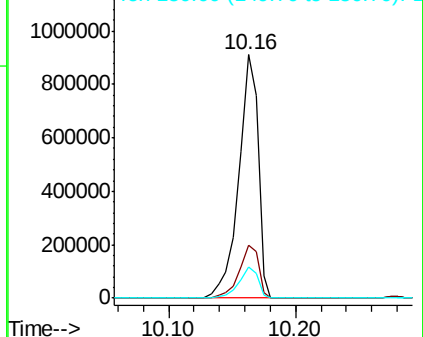


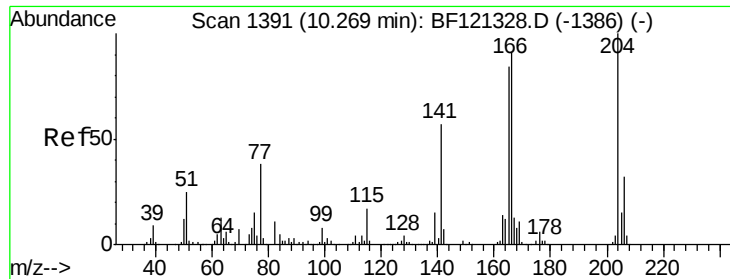
#60
 Diethylphthalate
 Concen: 40.087 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:	149	Resp:	956295
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.8	26.6
150	12.7	10.0	15.0



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





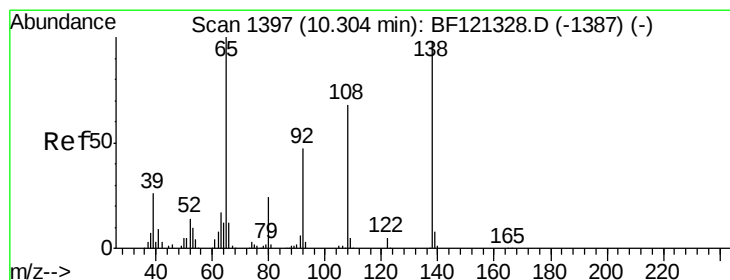
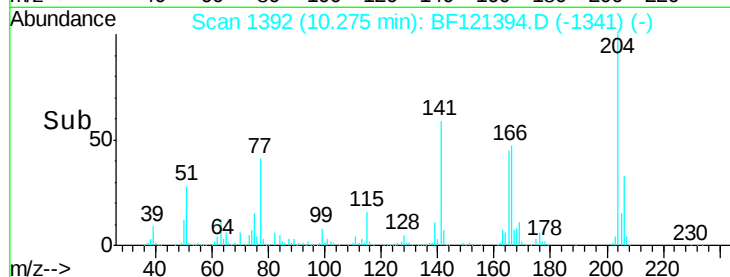
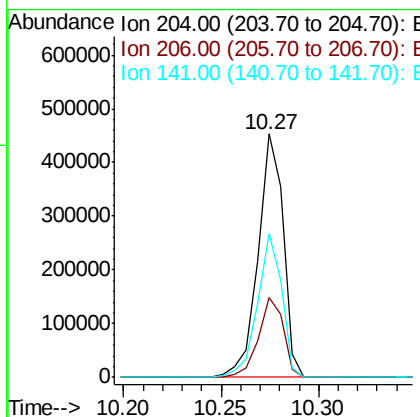
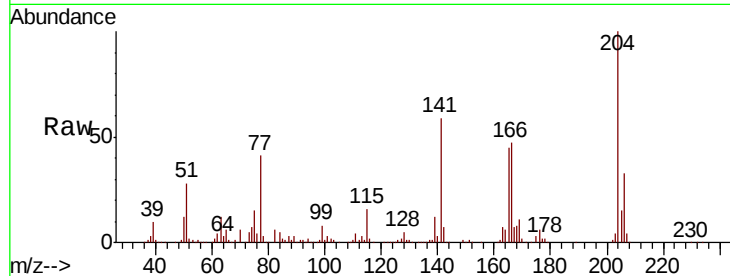
#61
4-Chlorophenyl-phenylether
Concen: 45.947 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.4
141	58.8	46.2	69.4

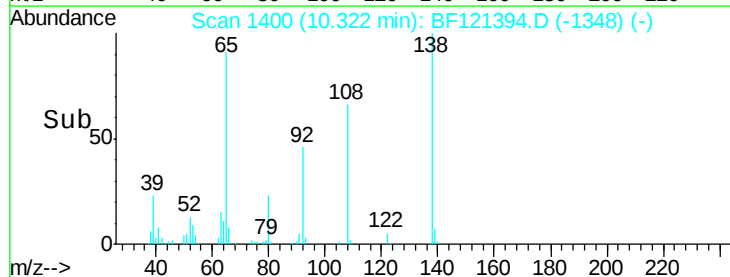
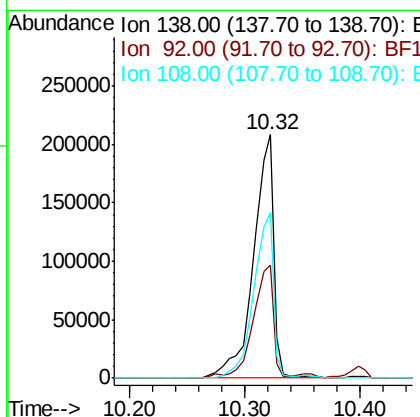
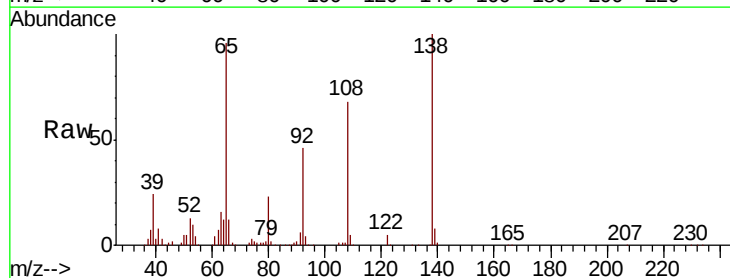
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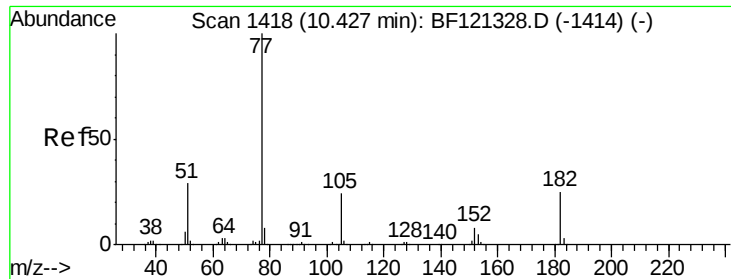
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#62
4-Nitroaniline
Concen: 38.166 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	26.6	66.6
108	68.1	48.9	88.9





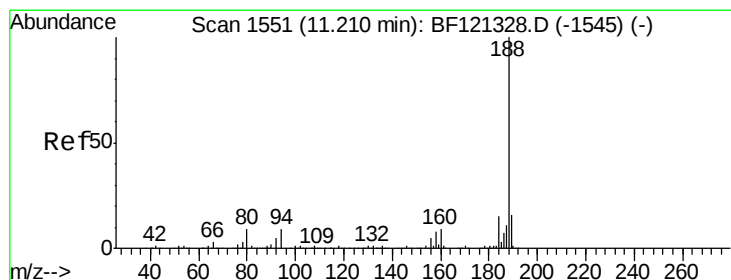
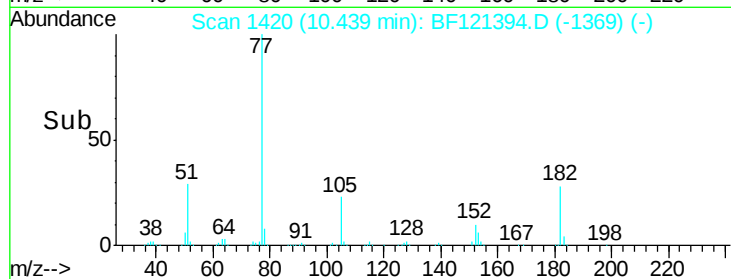
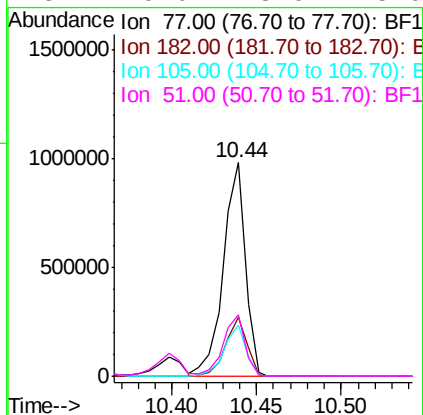
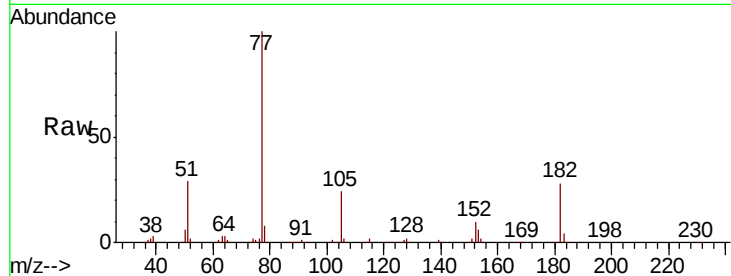
#63
Azobenzene
Concen: 40.116 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.7	47.7
105	23.8	3.8	43.8
51	29.0	8.0	48.0

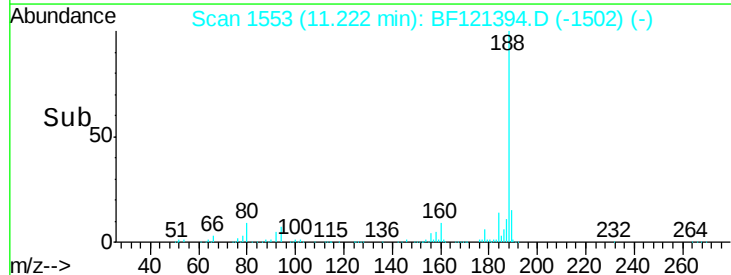
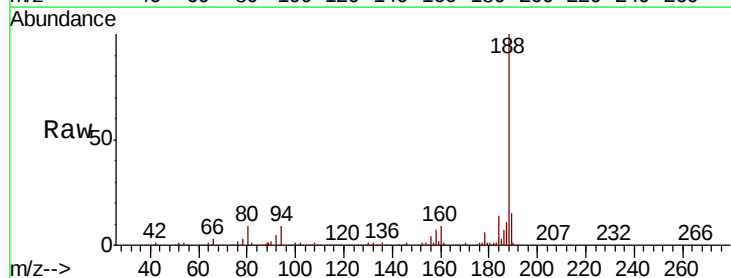
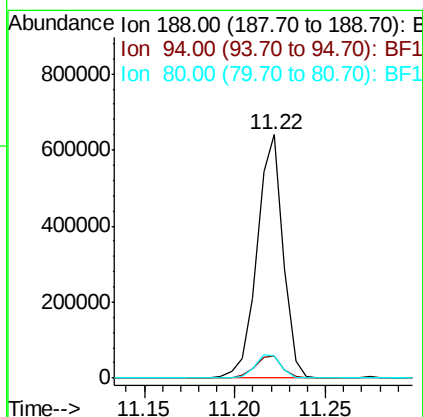
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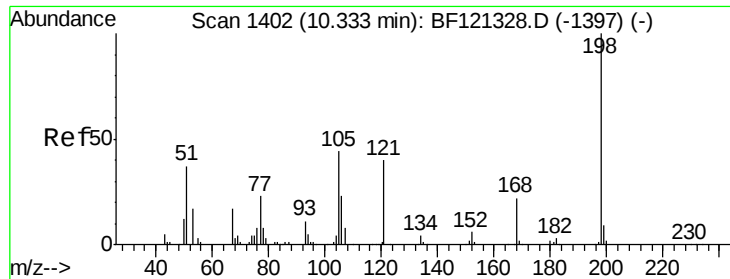
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	9.0	7.1	10.7





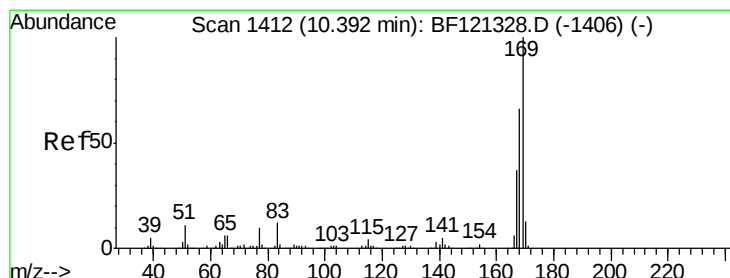
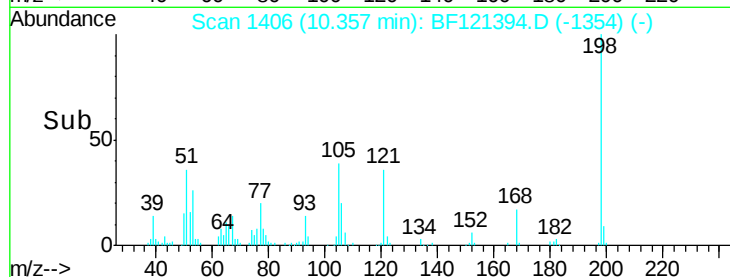
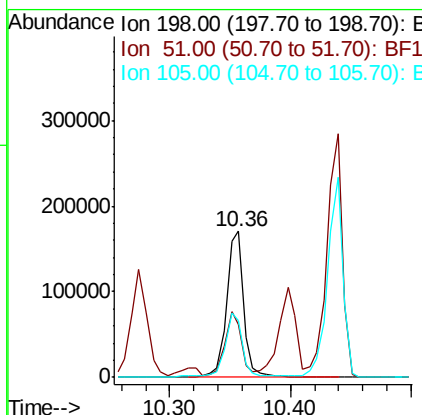
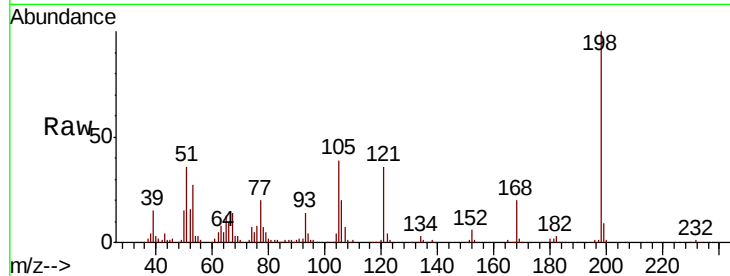
#65
4,6-Dinitro-2-methylphenol
Concen: 49.441 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	168711		
51	36.3	23.9	63.9	
105	38.7	24.8	64.8	

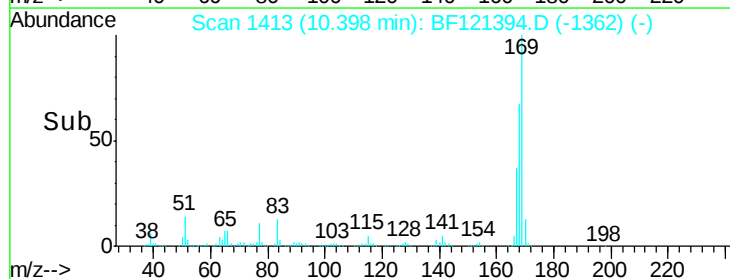
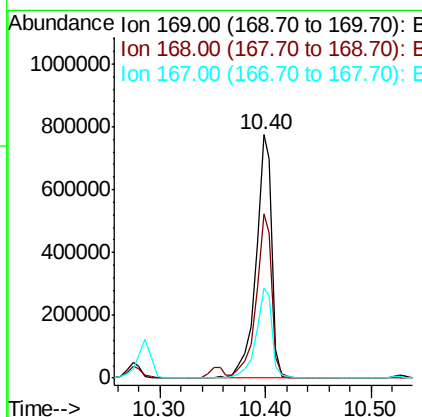
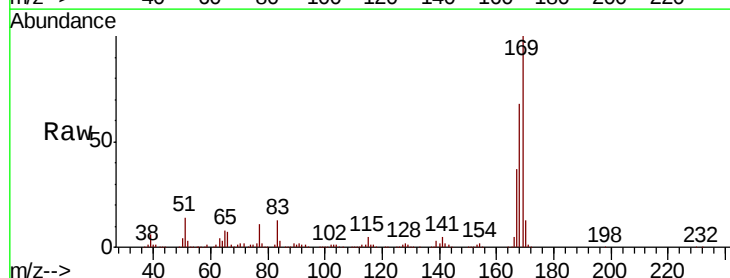
Manual Integrations
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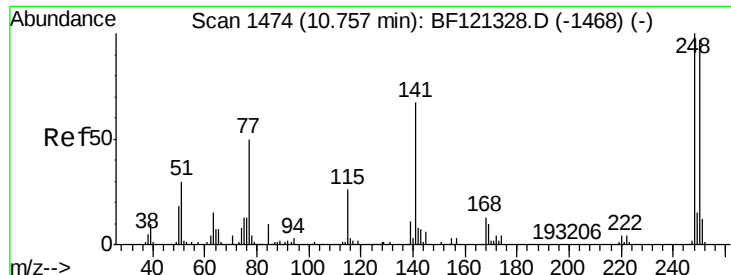
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#66
n-Nitrosodiphenylamine
Concen: 41.409 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	815006		
168	67.6	53.9	80.9	
167	37.0	29.9	44.9	





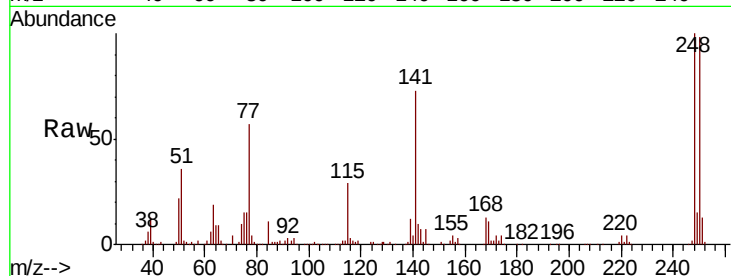
#67
 4-Bromophenyl-phenylether
 Concen: 40.241 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

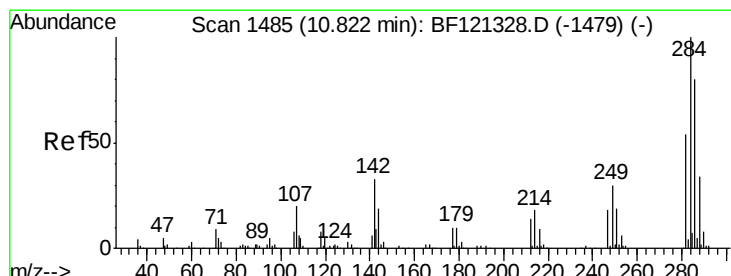
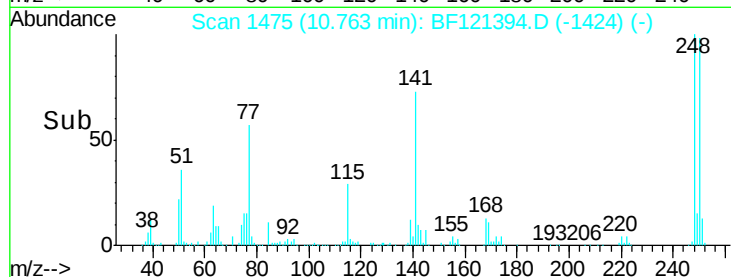
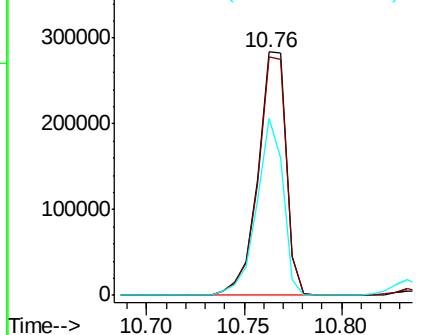
Tot Ion:	248	Resp:	284821
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.0	115.6
141	72.6	57.4	86.2

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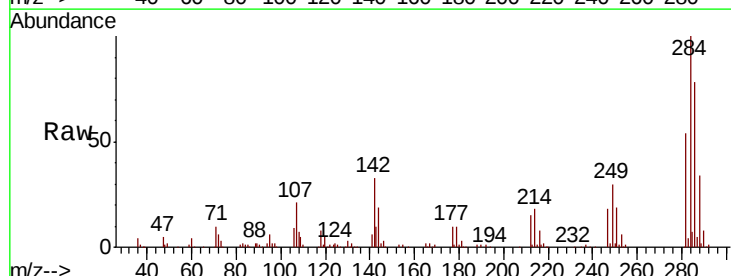


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

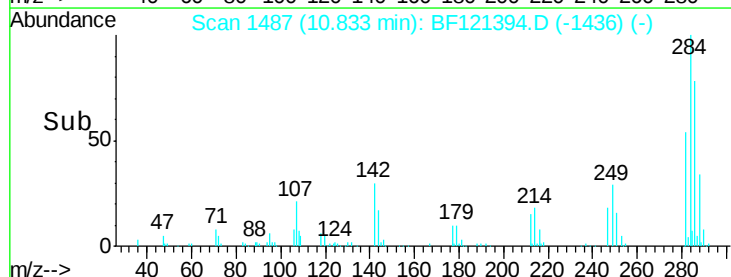
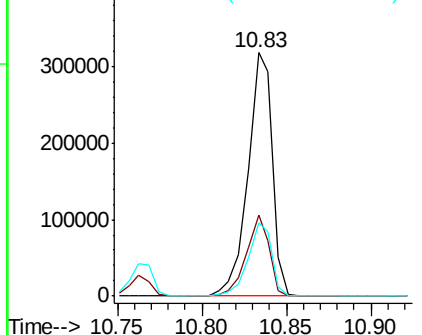


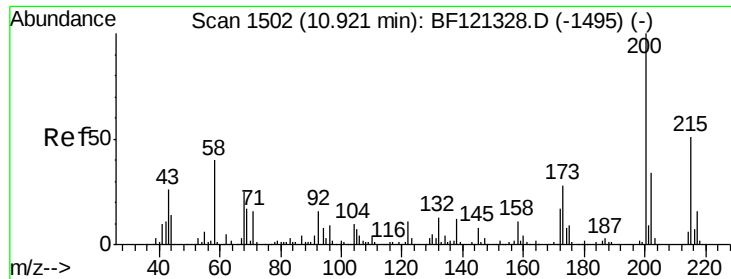
#68
 Hexachlorobenzene
 Concen: 39.547 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion:	284	Resp:	322647
Ion Ratio	Lower	Upper	
284	100		
142	33.1	26.5	39.7
249	30.2	23.7	35.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





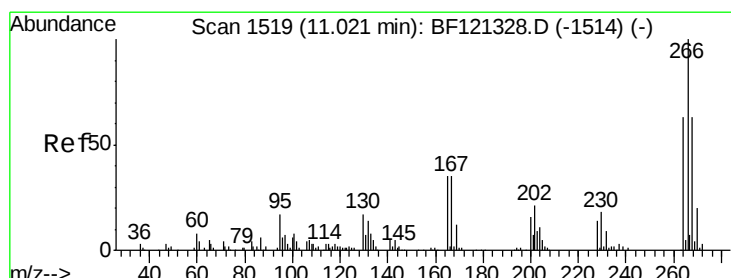
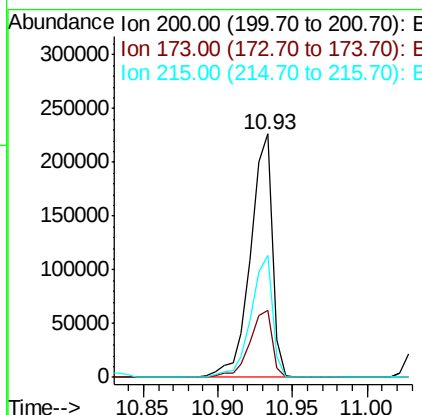
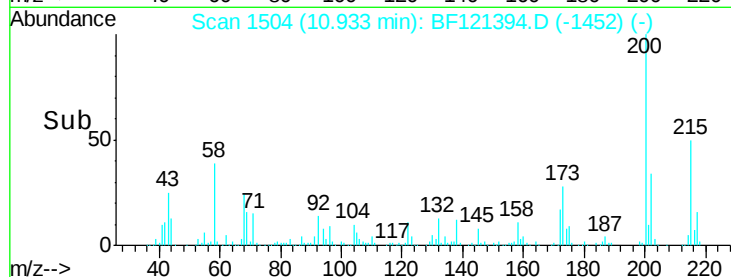
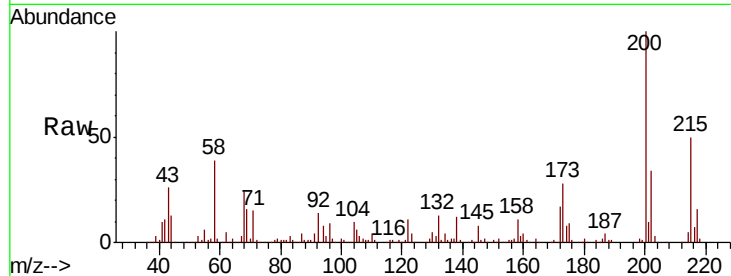
#69
Atrazine
Concen: 37.421 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	8.5	48.5
215	50.1	30.3	70.3

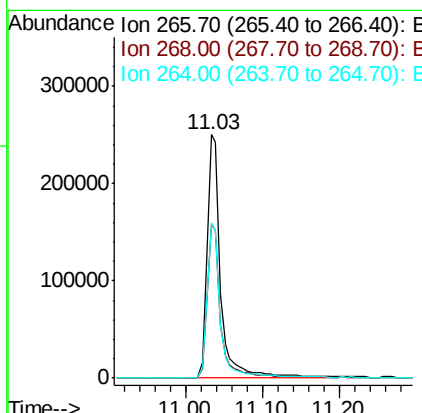
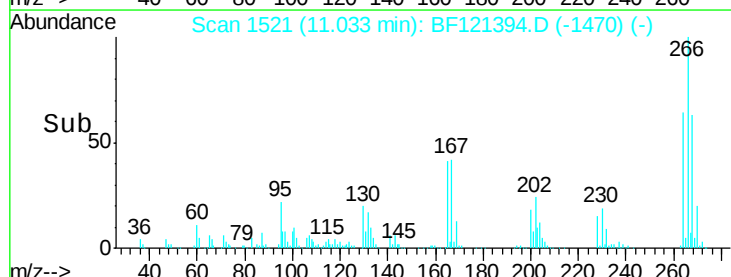
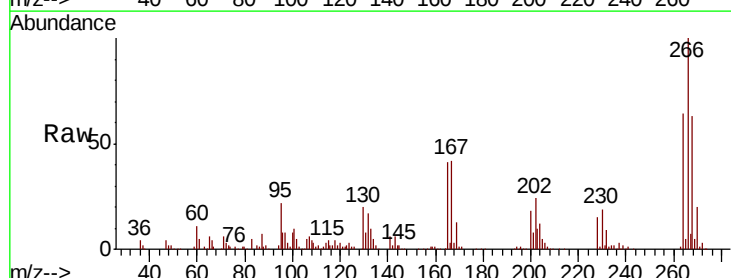
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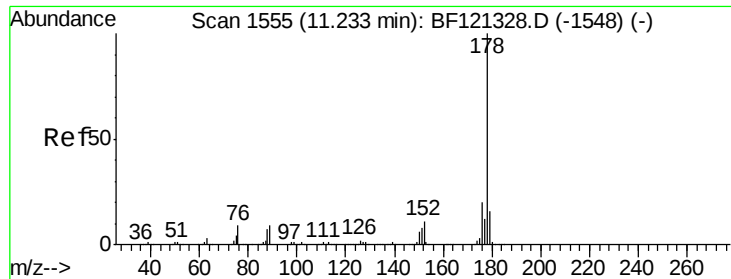
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#70
Pentachlorophenol
Concen: 84.631 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	50.3	75.5
264	63.6	50.3	75.5





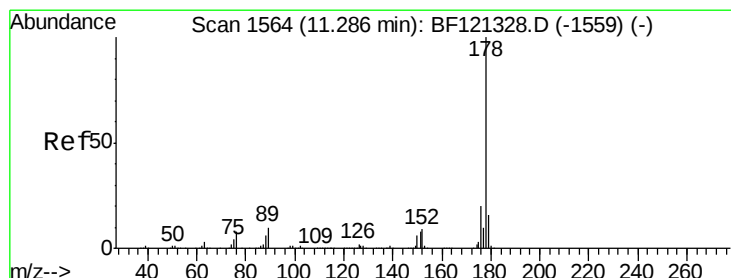
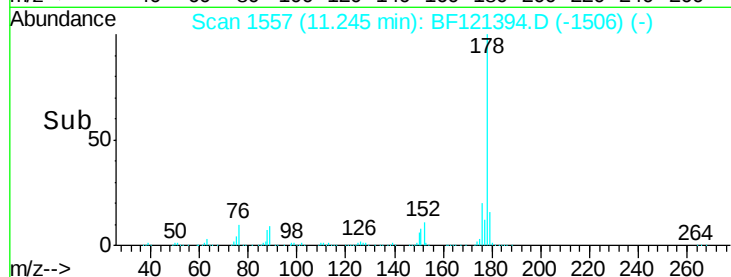
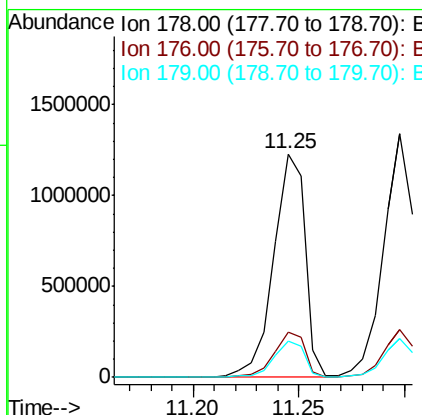
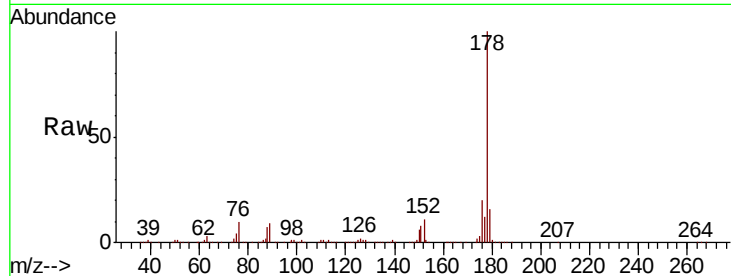
#71
Phenanthrene
Concen: 38.760 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion:178 Resp: 1279995
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.3 12.7 19.1

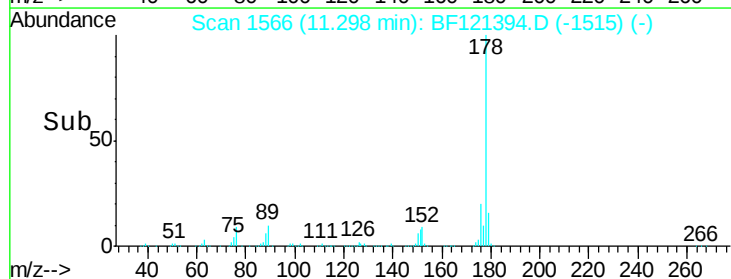
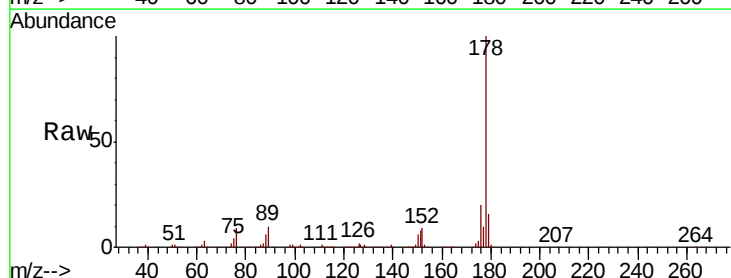
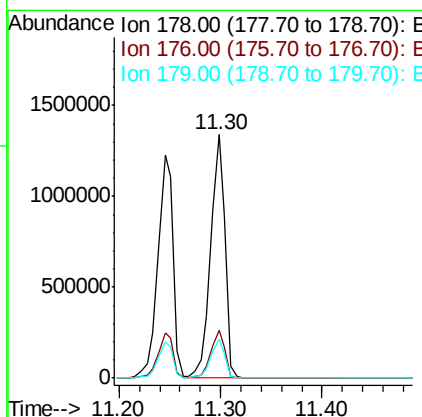
Manual Integrations
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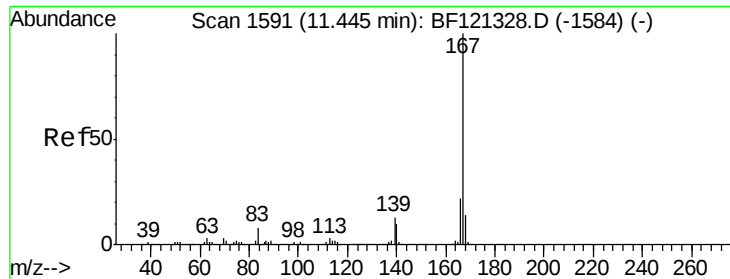
mohammad
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#72
Anthracene
Concen: 41.330 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion:178 Resp: 1314338
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.6 18.8





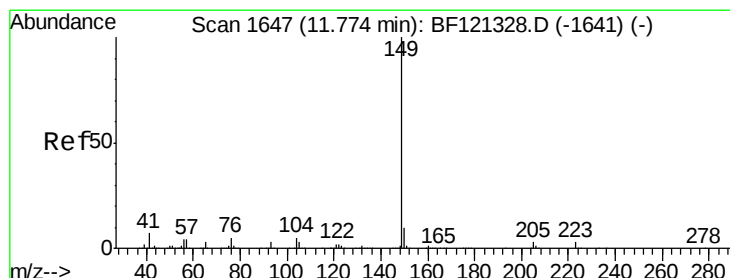
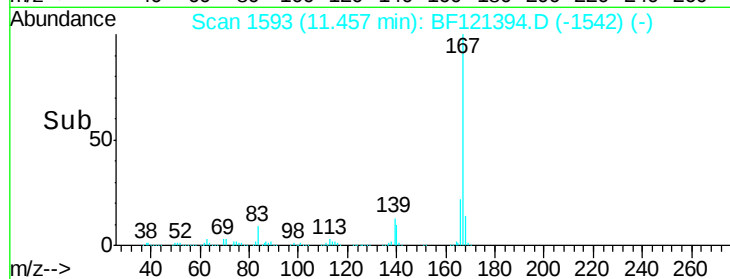
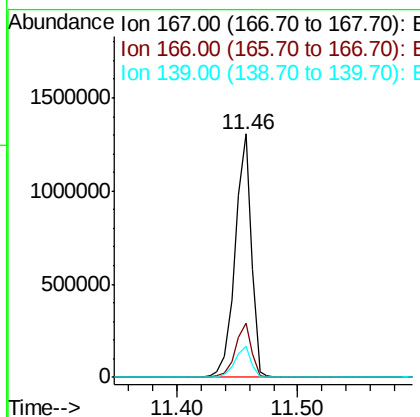
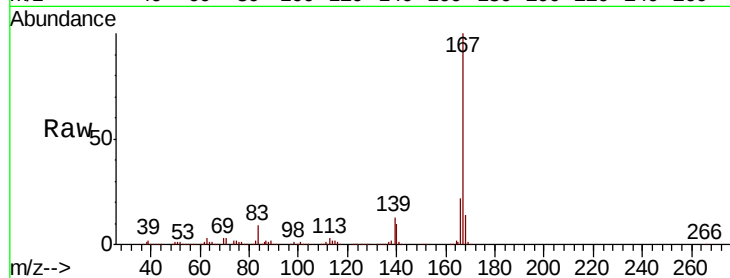
#73
 Carbazole
 Concen: 40.643 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.0	9.8	14.8

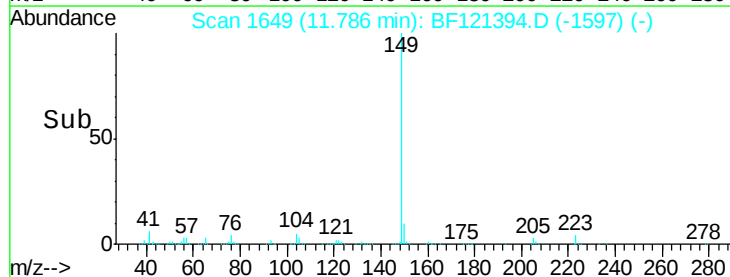
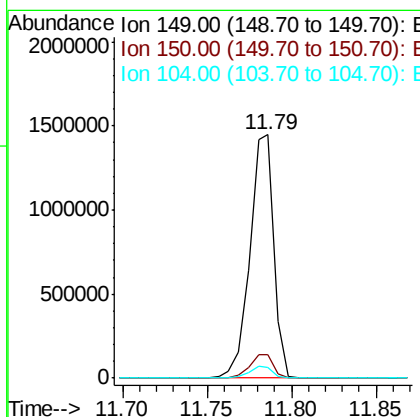
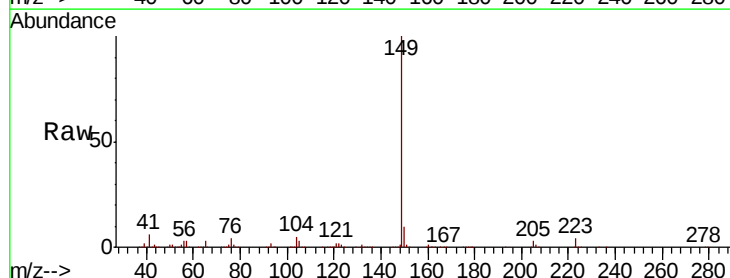
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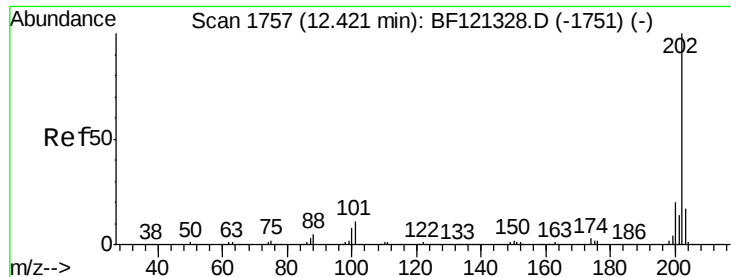
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.332 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.6	3.9	5.9





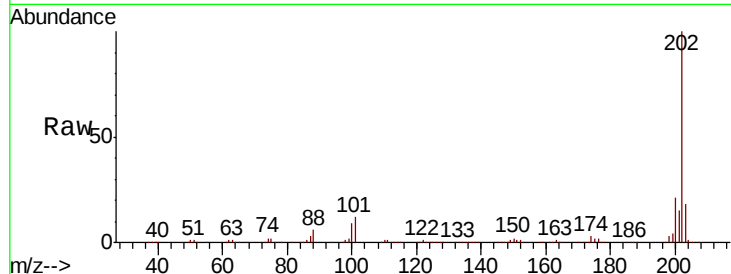
#75
Fluoranthene
Concen: 39.493 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

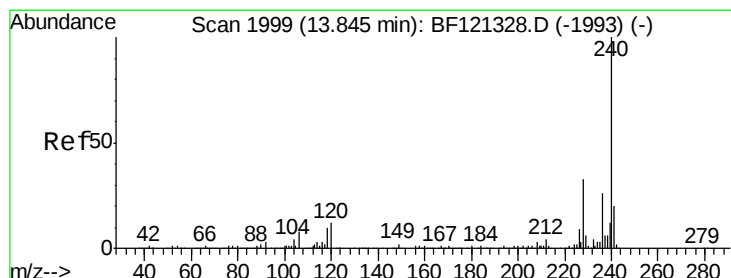
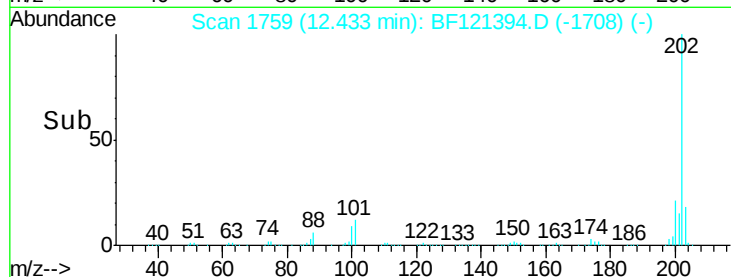
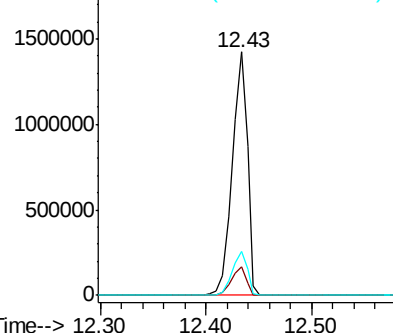
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.0
203	18.1	0.0	38.0

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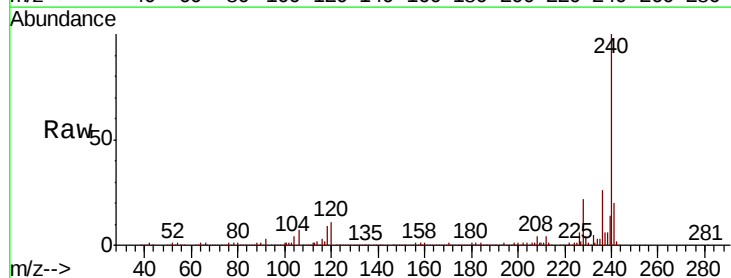


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

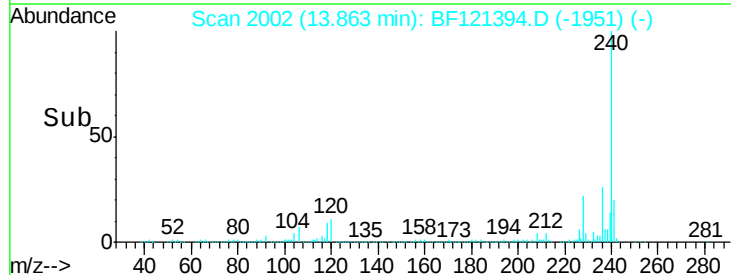
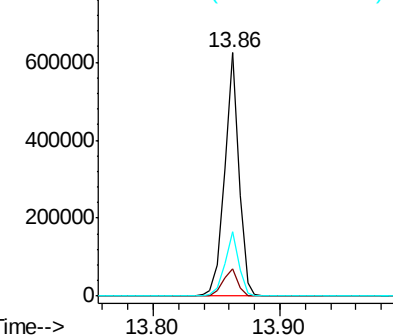


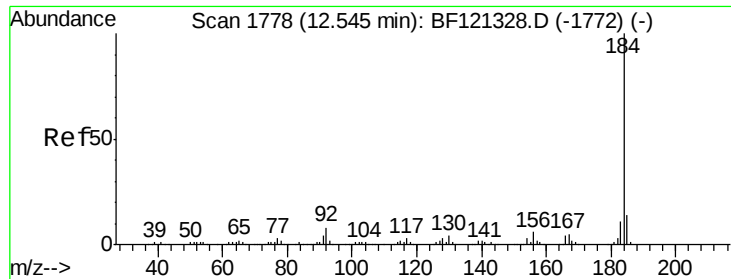
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.7	13.1
236	26.4	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.805 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Instrument :

BNA_F

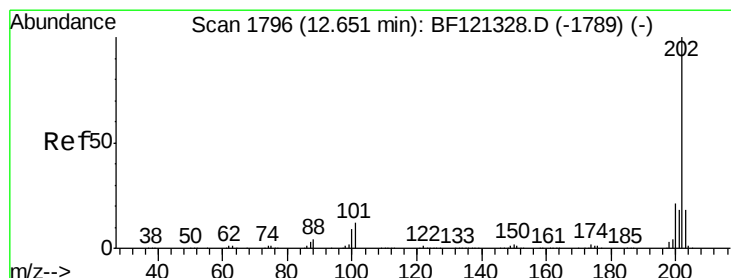
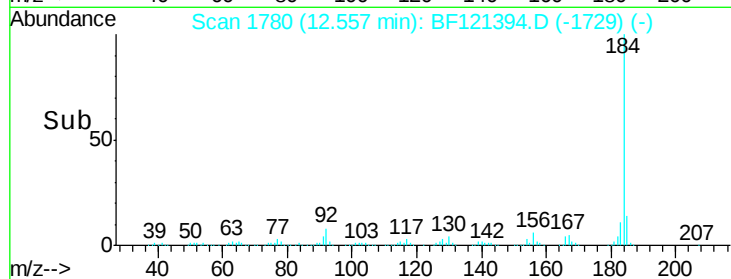
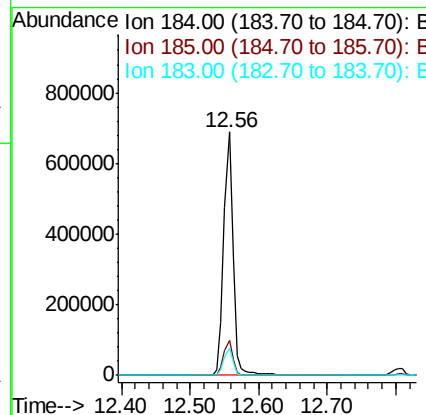
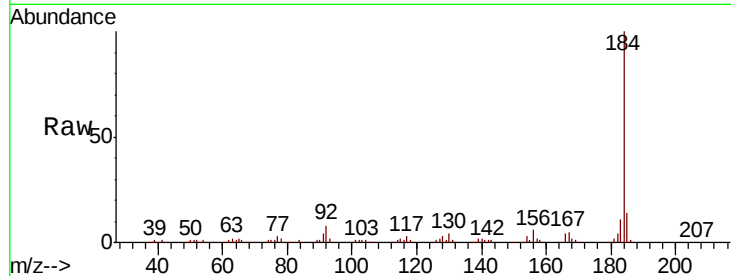
ClientSampleId :

PB131080BS

Tot Ion:	184	Resp:	641783
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.3	16.9
183	11.2	9.0	13.4

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#78

Pyrene

Concen: 39.694 ng

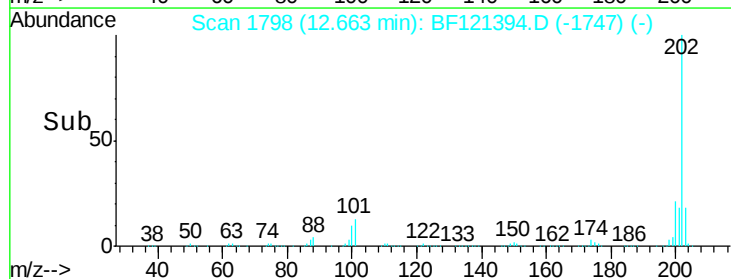
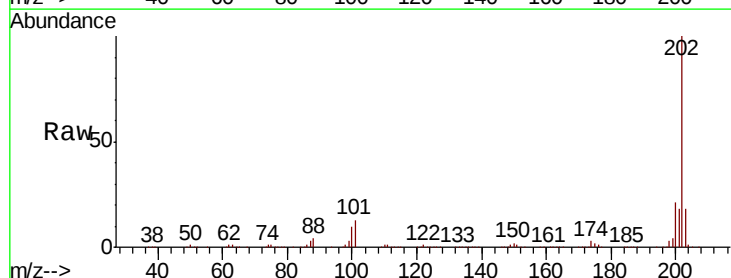
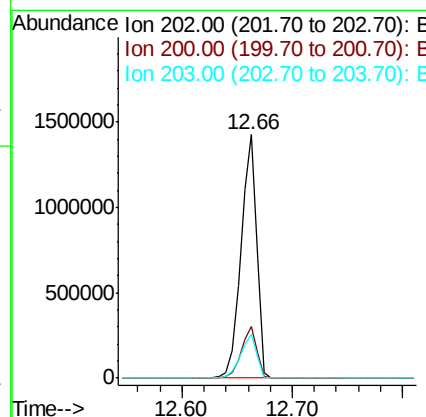
RT: 12.66 min Scan# 1798

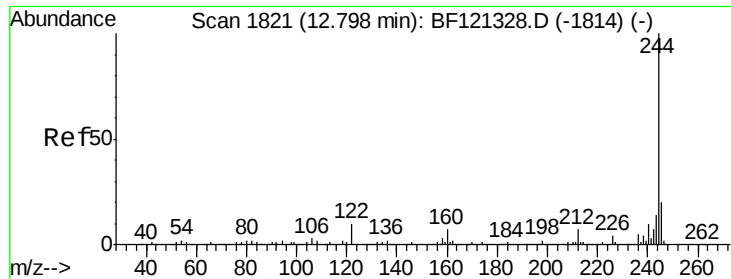
Delta R.T. -0.00 min

Lab File: BF121394.D

Acq: 24 Aug 2020 12:06

Tgt Ion:	202	Resp:	1423160
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.6	25.0
203	18.0	14.1	21.1





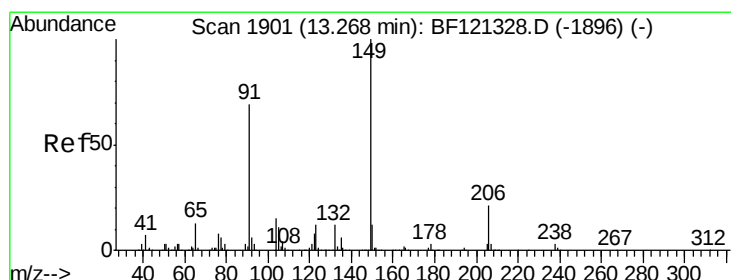
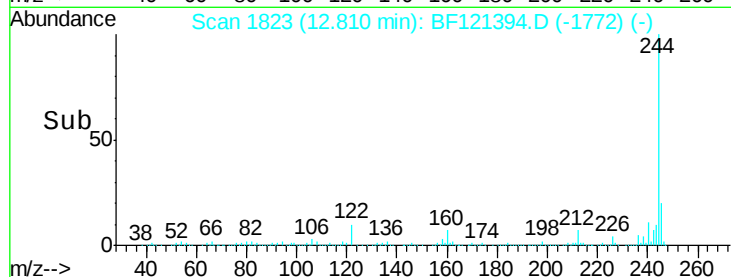
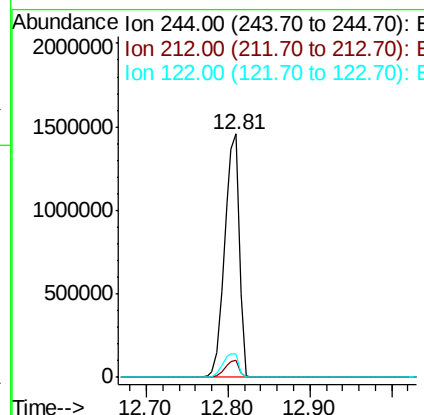
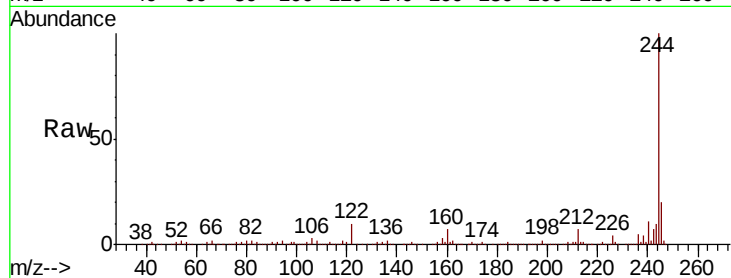
#79
 Terphenyl-d14
 Concen: 73.911 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.6	7.7	11.5

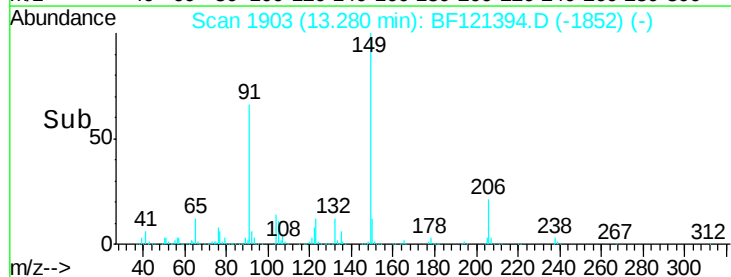
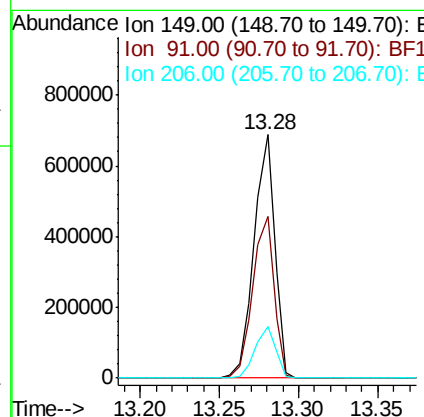
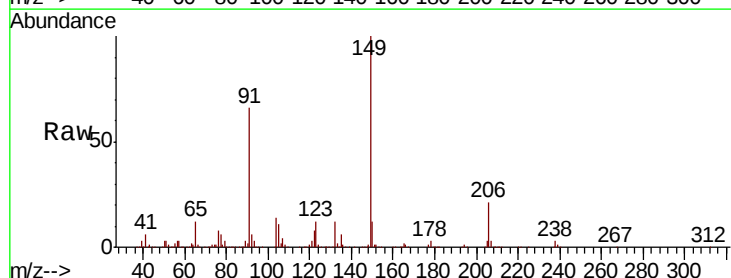
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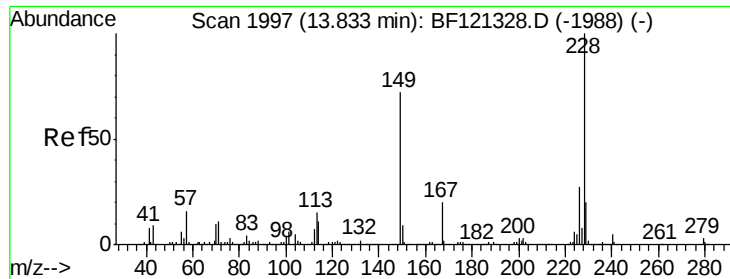
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#80
 Butylbenzylphthalate
 Concen: 40.753 ng
 RT: 13.28 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	52.2	78.4
206	21.3	17.8	26.6





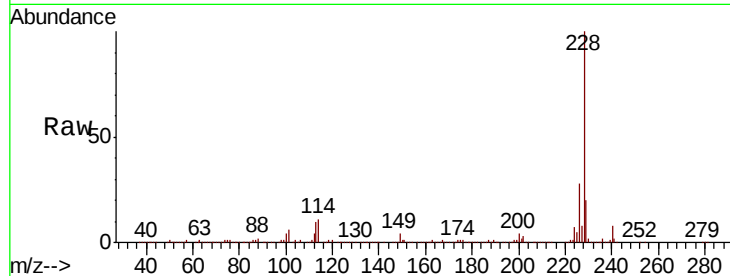
#81
Benzo(a)anthracene
Concen: 39.633 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.3	16.1	24.1

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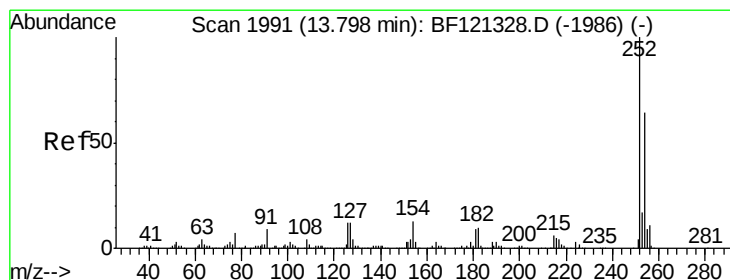
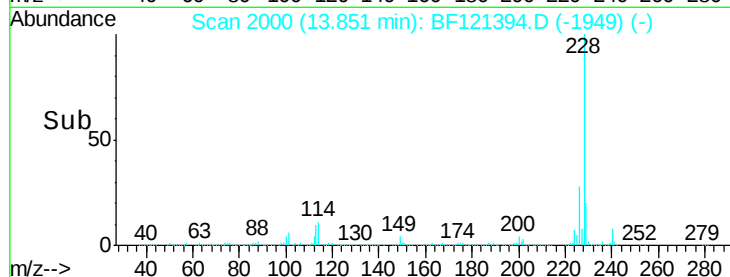
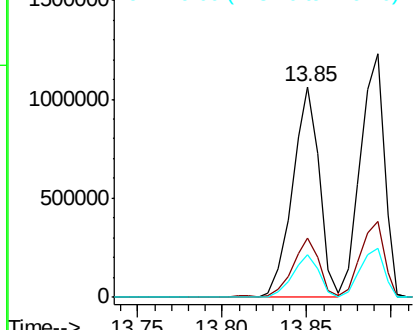


Abundance

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: 40.147 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

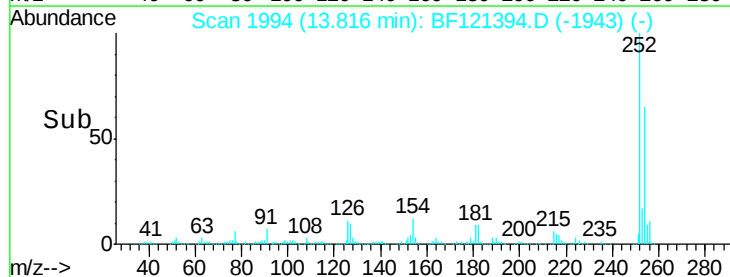
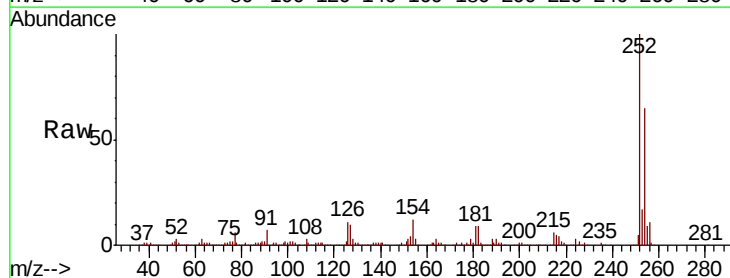
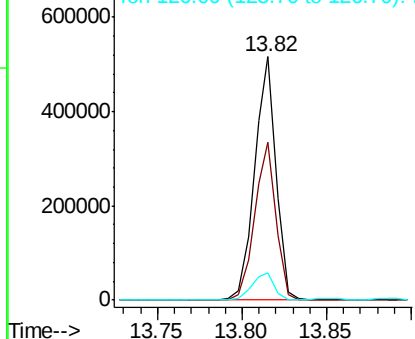
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	11.0	8.2	12.4

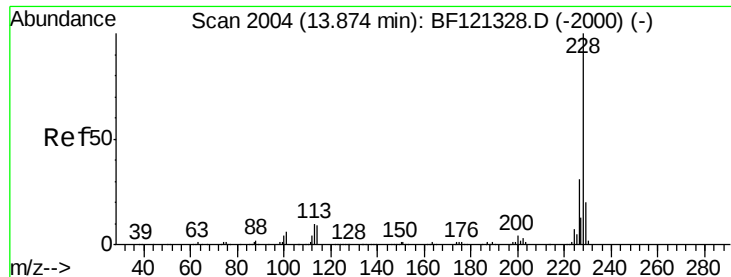
Abundance

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





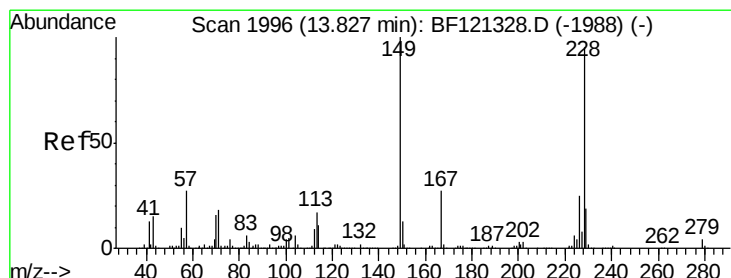
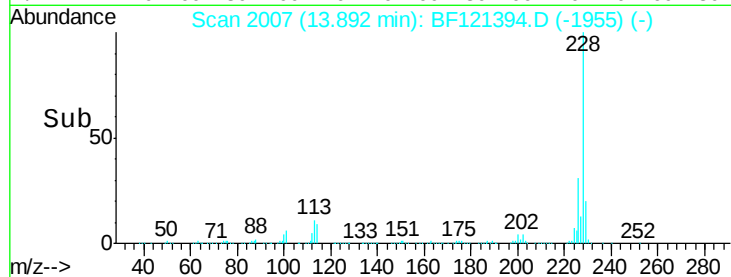
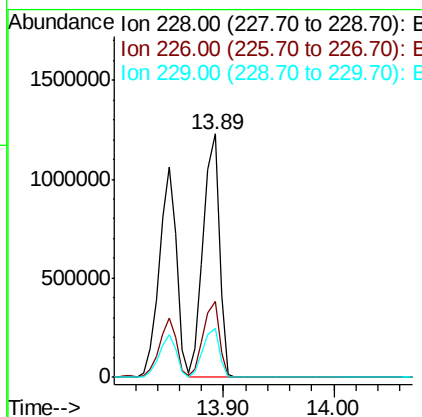
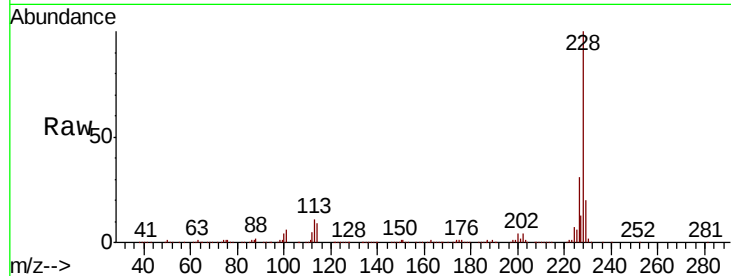
#83
 Chrvsene
 Concen: 40.103 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.1	16.5	24.7

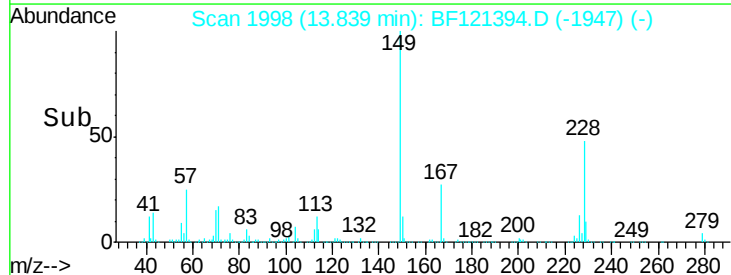
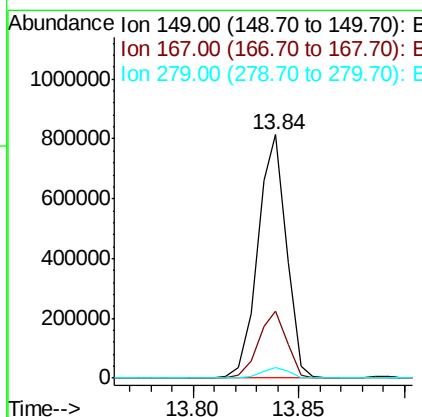
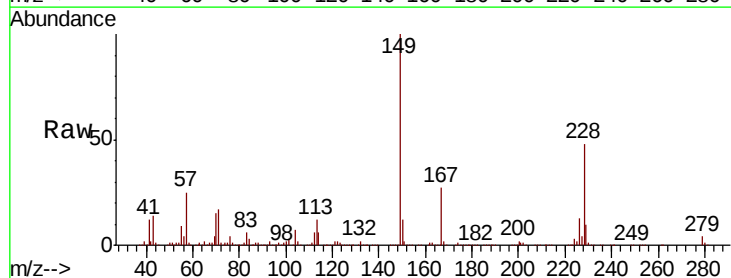
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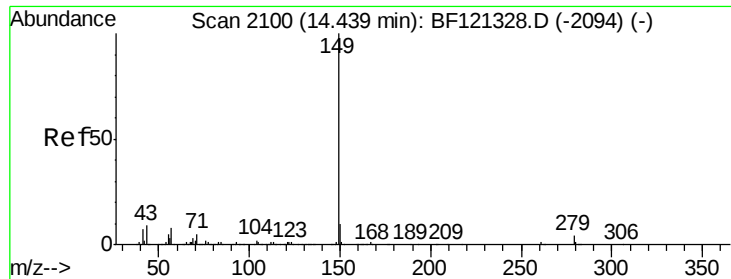
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.277 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.8	32.8
279	4.3	3.6	5.4





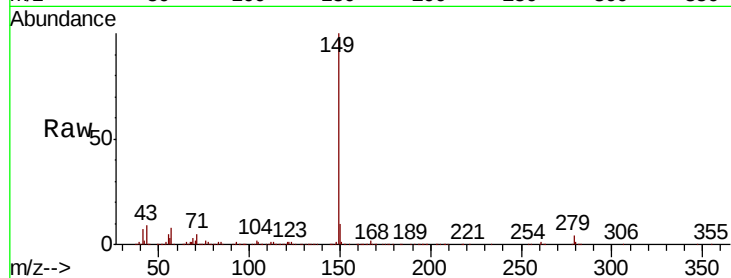
#85
Di-n-octyl phthalate
Concen: 42.929 ng
RT: 14.45 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

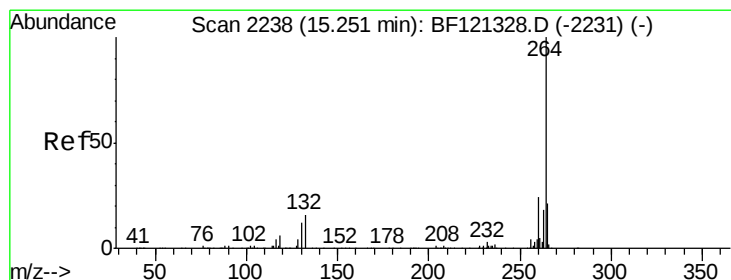
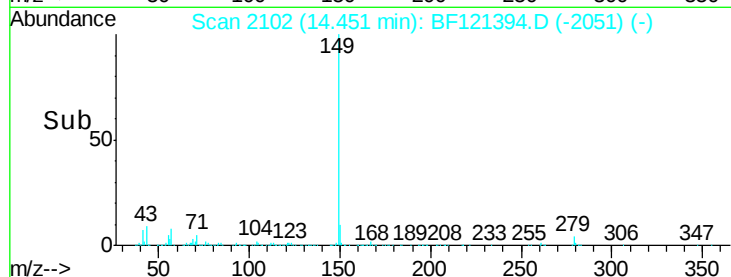
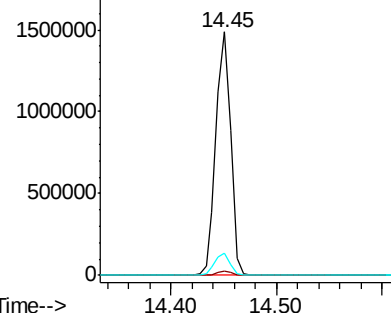
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	7.4	11.0

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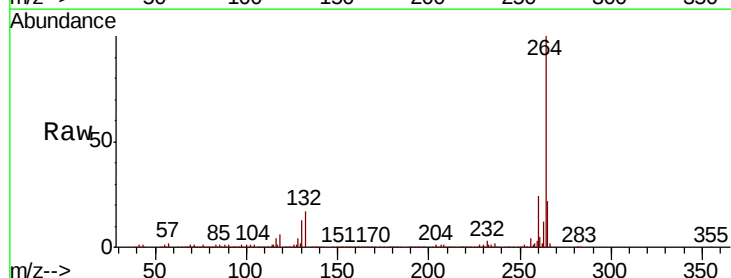


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

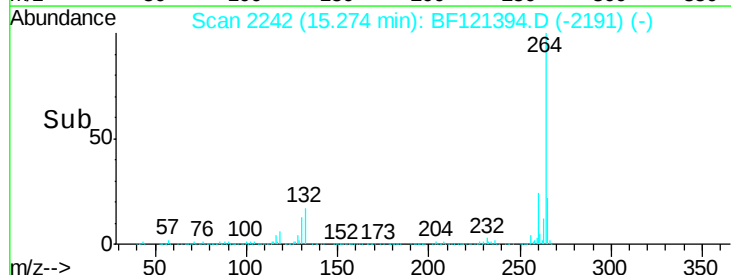
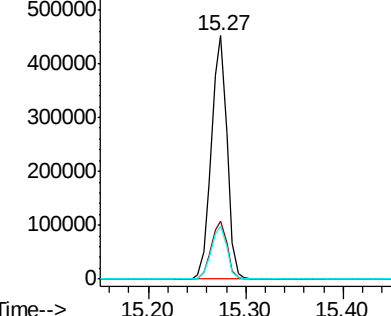


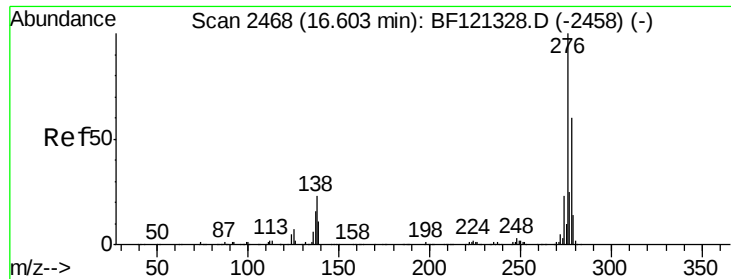
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
600000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





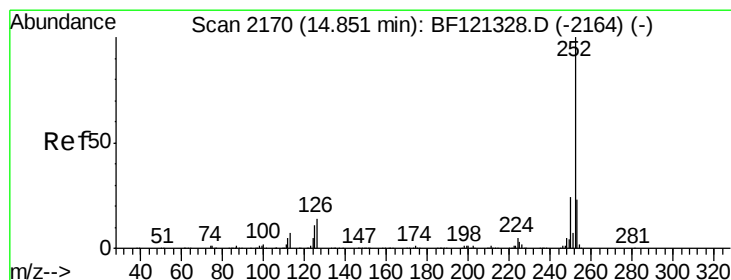
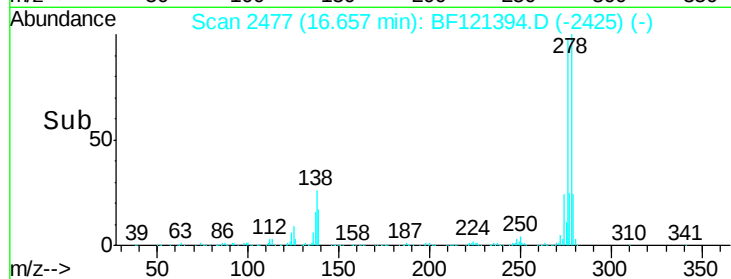
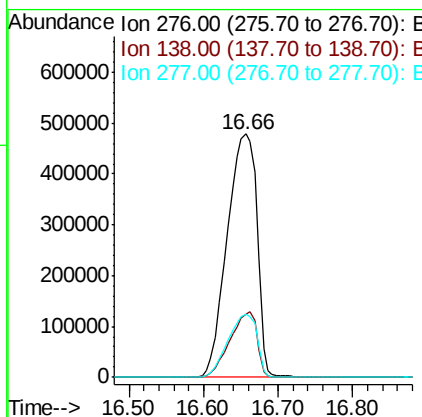
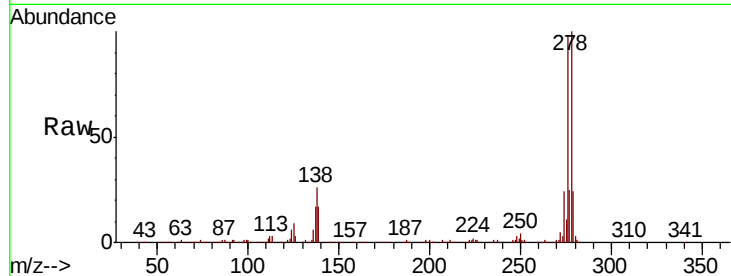
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.236 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. 0.01 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB131080BS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	24.6	19.4	29.2	
277	25.4	20.2	30.4	

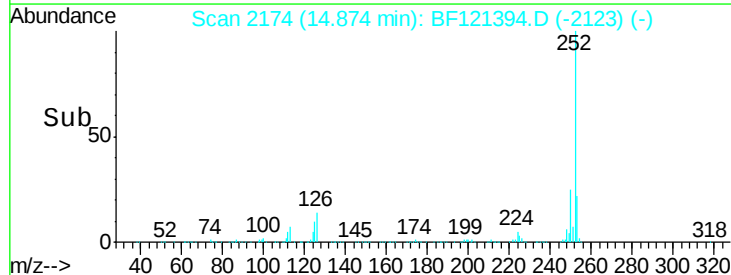
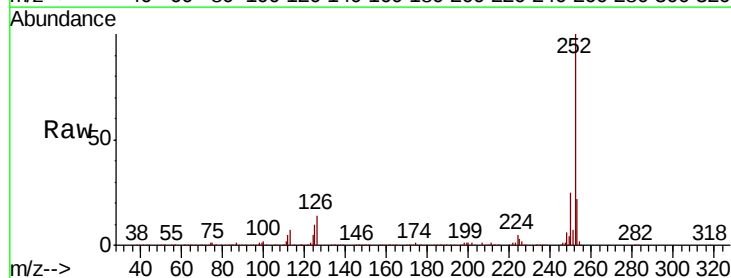
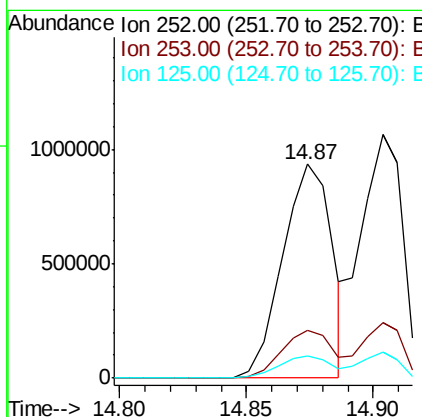
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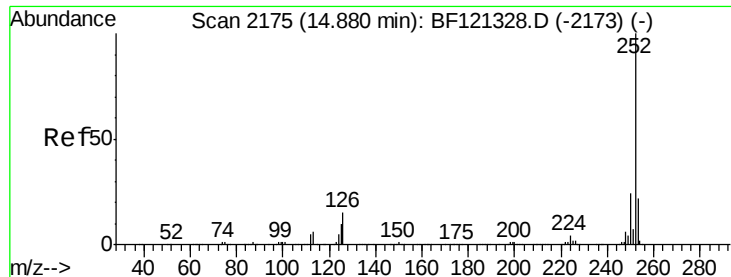
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 38.817 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121394.D
 Acq: 24 Aug 2020 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	18.1	27.1	
125	10.4	8.3	12.5	





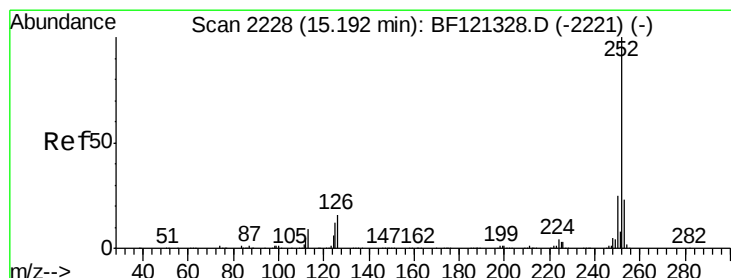
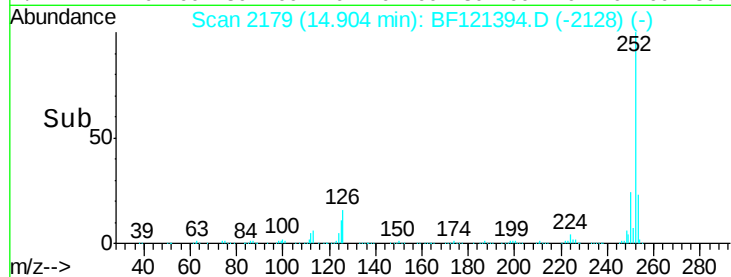
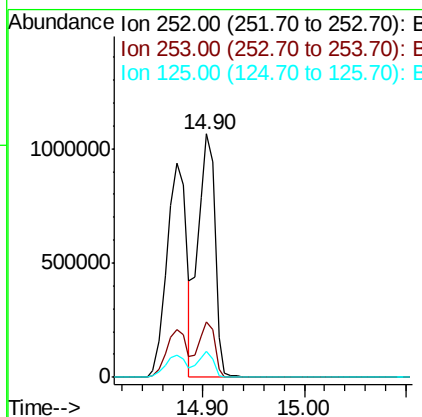
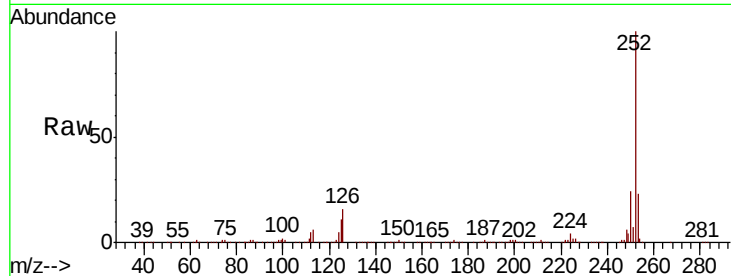
#89
Benzo(k)fluoranthene
Concen: 42.415 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	10.6	8.4	12.6

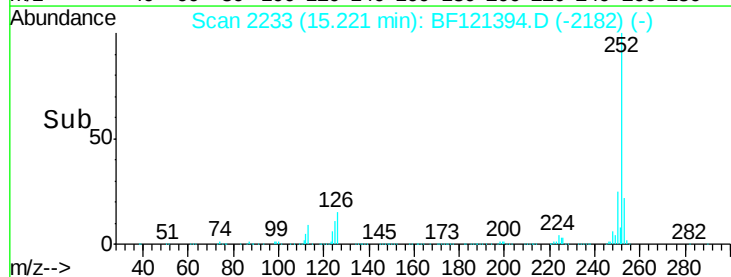
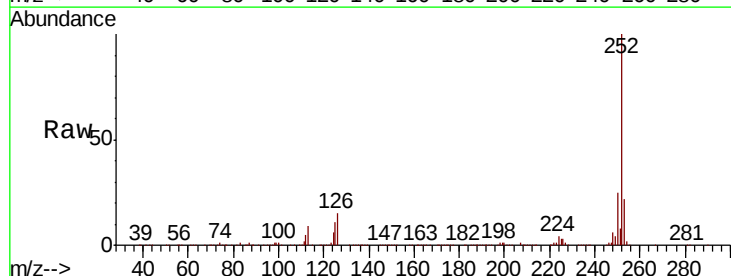
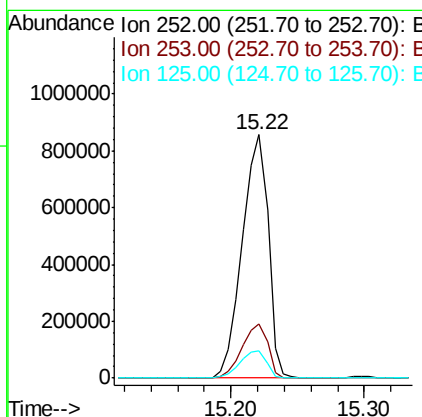
Manual Integrations
APPROVED

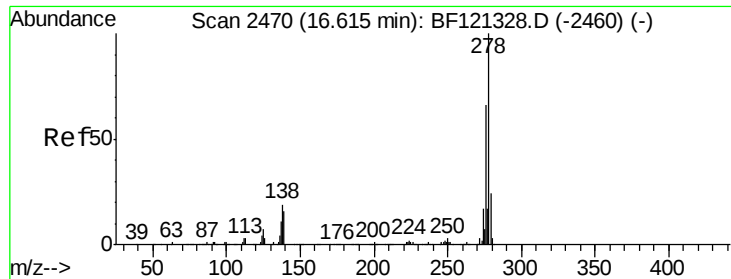
mohammad
8/25/2020 4:18:54 PM



#90
Benzo(a)pyrene
Concen: 40.932 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.4	8.5	12.7





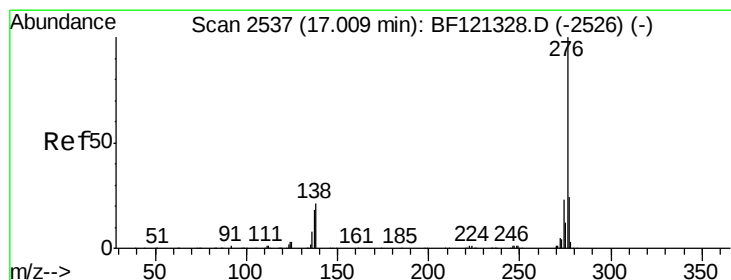
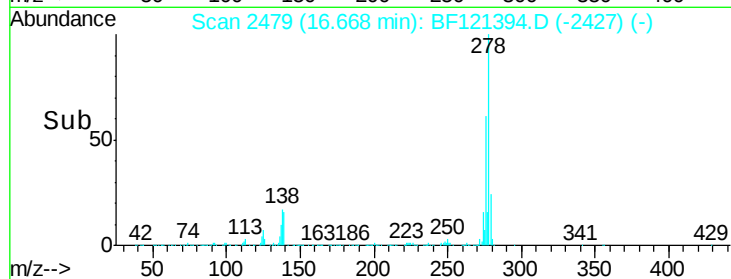
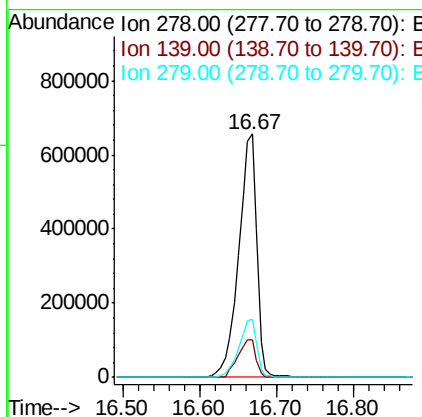
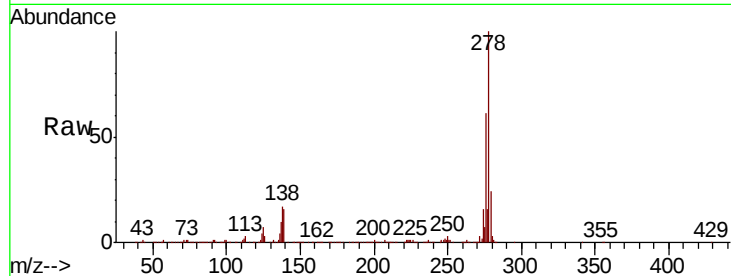
#91
Dibenzo(a,h)anthracene
Concen: 42.968 ng
RT: 16.67 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Instrument :
BNA_F
ClientSampleId :
PB131080BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.5	13.0	19.6	
279	24.0	19.3	28.9	

Manual Integrations
APPROVED

mohammad
8/25/2020 4:18:54 PM



#92
Benzo(g,h,i)perylene
Concen: 45.057 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.01 min
Lab File: BF121394.D
Acq: 24 Aug 2020 12:06

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	19.6	29.4	
138	21.2	17.3	25.9	

