

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118918.D
 Acq On : 13 Feb 2020 14:14
 Operator : CG/JU
 Sample : PB126794BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Manual Integrations
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 2/17/2020 3:46:01 PM

Quant Time: Feb 14 11:07:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	222924	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	851301	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	451243	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	924345	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	630002	20.00	ng	-0.02
87) Perylene-d12	15.39	264	475364	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1409883	119.72	ng	-0.01
7) Phenol-d6	6.44	99	1803257	123.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1119158	78.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	638455	118.25	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	2186892	86.64	ng	-0.03
79) Terphenyl-d14	12.90	244	2802650	91.38	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.52	88	182269	33.961	ng	100
3) Pyridine	3.27	79	494832	33.204	ng	99
4) n-Nitrosodimethylamine	3.19	42	218065	40.189	ng	94
6) Aniline	6.46	93	419788	22.295	ng	# 62
8) 2-Chlorophenol	6.59	128	550036	41.932	ng	98
10) Phenol	6.45	94	657685	40.460	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	520085	41.820	ng	98
12) 1,3-Dichlorobenzene	6.73	146	597238	38.251	ng	99
13) 1,4-Dichlorobenzene	6.81	146	605810	38.898	ng	99
14) 1,2-Dichlorobenzene	6.97	146	563958	37.907	ng	99
15) Benzyl Alcohol	6.94	79	469473	41.546	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	619512	40.678	ng	94
17) 2-Methylphenol	7.06	107	453127	41.550	ng	99
18) Hexachloroethane	7.31	117	210397	37.640	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	357875	40.010	ng	99
20) 3+4-Methylphenols	7.21	107	552206	40.397	ng	# 84
22) Acetophenone	7.20	105	720490	38.955	ng	# 97
24) Nitrobenzene	7.37	77	562561	39.428	ng	99
25) Isophorone	7.62	82	1030872	40.161	ng	99
26) 2-Nitrophenol	7.69	139	308075	40.521	ng	97
27) 2,4-Dimethylphenol	7.73	122	472198	45.721	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	637876	38.323	ng	100
29) 2,4-Dichlorophenol	7.94	162	496031	40.105	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	537902	37.208	ng	98
31) Naphthalene	8.10	128	1547716	39.751	ng	99
32) Benzoic acid	7.86	122	292893	34.253	ng	97
33) 4-Chloroaniline	8.15	127	381263	21.887	ng	98
34) Hexachlorobutadiene	8.22	225	309387	34.931	ng	99
35) Caprolactam	8.51	113	160583m	40.050	ng	
36) 4-Chloro-3-methylphenol	8.64	107	507845	40.800	ng	96
37) 2-Methylnaphthalene	8.79	142	1087618	40.277	ng	99
38) 1-Methylnaphthalene	8.89	142	1023272	40.282	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	563415	41.370	ng	99
41) Hexachlorocyclopentadiene	8.95	237	199996	37.451	ng	98

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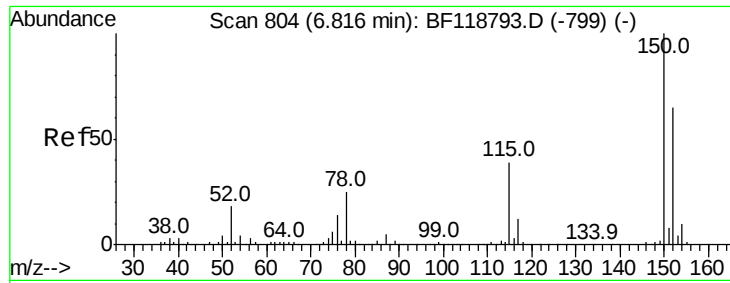
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 2/17/2020 3:46:01 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	366306	40.222	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	394722	42.419	nq	98
46) 1,1'-Biphenyl	9.25	154	1331283	42.650	nq	98
47) 2-Chloronaphthalene	9.28	162	1061540	40.908	nq	97
48) 2-Nitroaniline	9.37	65	314563	42.029	nq	96
49) Acenaphthylene	9.69	152	1638390	43.728	nq	99
50) Dimethylphthalate	9.55	163	1293518	42.099	nq	99
51) 2,6-Dinitrotoluene	9.62	165	303012	43.101	nq	95
52) Acenaphthene	9.86	154	961196	38.931	nq	99
53) 3-Nitroaniline	9.78	138	228529	29.311	nq	95
54) 2,4-Dinitrophenol	9.90	184	283517	83.888	nq	89
55) Dibenzofuran	10.04	168	1515852	42.484	nq	96
56) 4-Nitrophenol	9.96	139	448713	79.519	nq	99
57) 2,4-Dinitrotoluene	10.02	165	410703	44.144	nq	92
58) Fluorene	10.38	166	1184189	44.115	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	343235	42.236	nq	99
60) Diethylphthalate	10.25	149	1259085	42.143	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	606794	41.682	nq	98
62) 4-Nitroaniline	10.40	138	313117	40.103	nq	98
63) Azobenzene	10.53	77	1134410	44.475	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	226990	43.702	nq	93
66) n-Nitrosodiphenylamine	10.49	169	1086825	40.591	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	418152	38.241	nq	98
68) Hexachlorobenzene	10.93	284	469452	37.430	nq	95
69) Atrazine	11.02	200	213853	23.974	nq	98
70) Pentachlorophenol	11.13	266	665057	100.426	nq	100
71) Phenanthrene	11.34	178	1838587	40.427	nq	99
72) Anthracene	11.39	178	1816574	40.151	nq	99
73) Carbazole	11.55	167	1692779	42.633	nq	99
74) Di-n-butylphthalate	11.87	149	1995890	39.459	nq	99
75) Fluoranthene	12.53	202	2044498	41.174	nq	99
77) Benzidine	12.64	184	270365	14.189	nq	99
78) Pyrene	12.76	202	2069701	47.888	nq	99
80) Butylbenzylphthalate	13.37	149	907520	46.004	nq	99
81) Benzo(a)anthracene	13.94	228	1409862	37.607	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	434657	28.348	nq	99
83) Chrysene	13.98	228	1369347	36.394	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	886914	35.437	nq	98
85) Di-n-octyl phthalate	14.54	149	1557903	36.335	nq	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1610606	42.604	nq	99
88) Benzo(b)fluoranthene	14.99	252	1579511	53.548	nq	98
89) Benzo(k)fluoranthene	15.02	252	1369969	53.335	nq	99
90) Benzo(a)pyrene	15.34	252	1413715	56.002	nq	100
91) Dibenzo(a,h)anthracene	16.84	278	1353929	60.416	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1349941	62.637	nq	99

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



#1

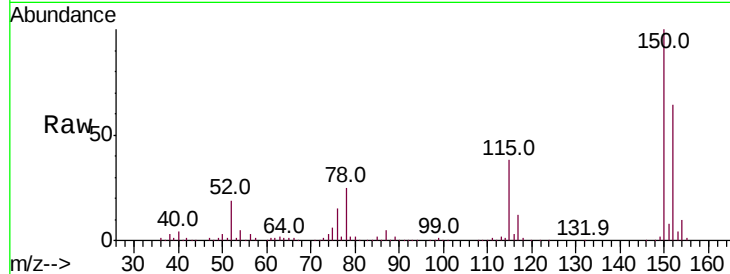
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :
PB126794BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.6	185.4
115	59.6	48.2	72.2

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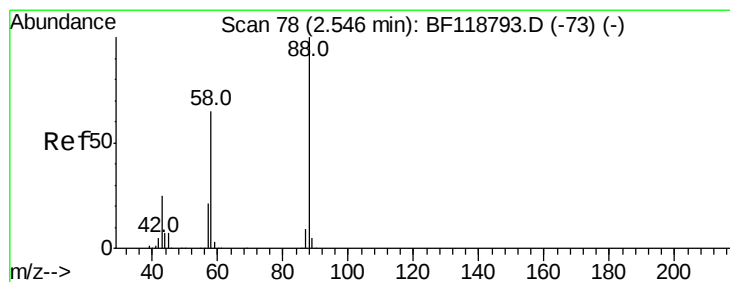
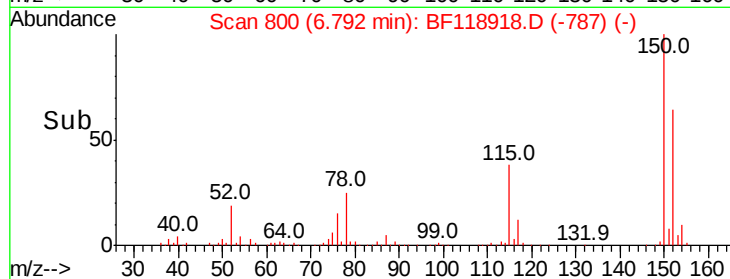
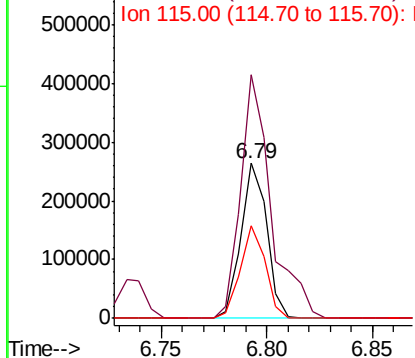


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

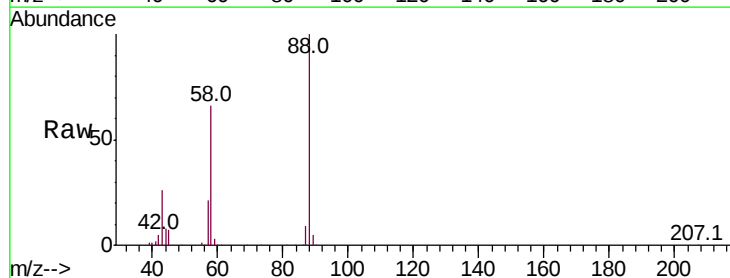
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.961 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.8	51.6	77.4
43	24.3	19.8	29.6

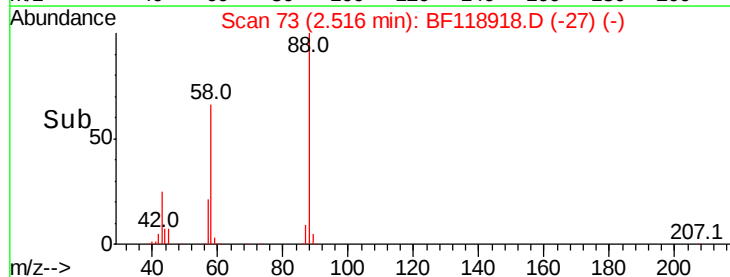
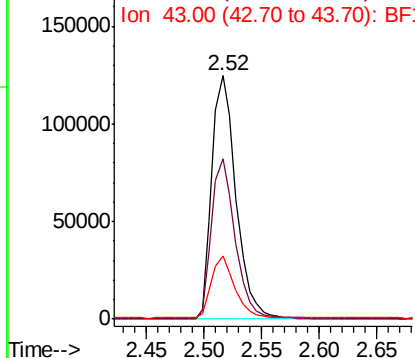


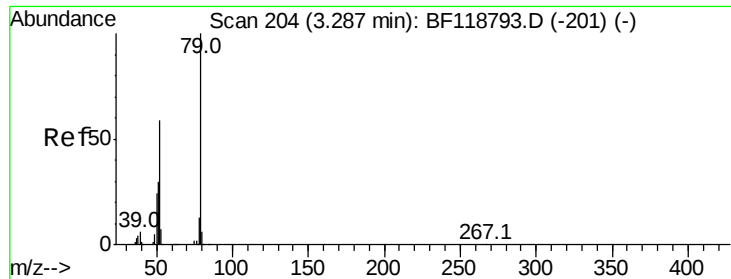
Abundance

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: 33.204 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

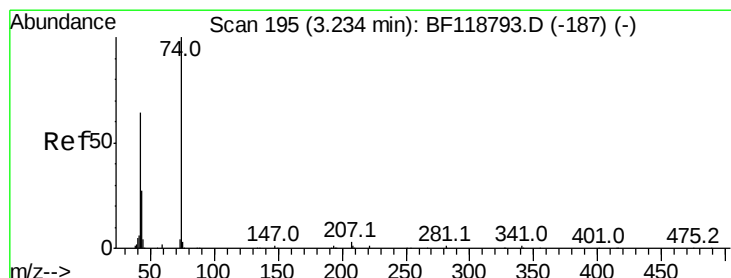
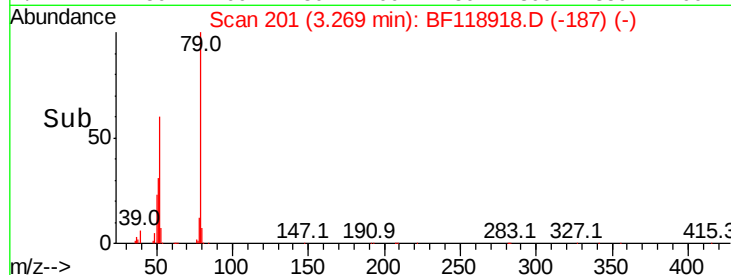
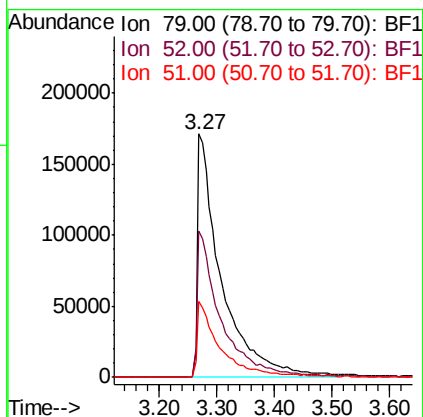
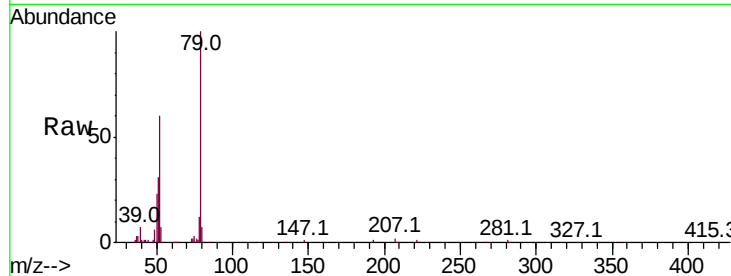
ClientSampleId :

PB126794BS

Tot Ion:	79	Resp:	494832
Ion Ratio	Lower	Upper	
79	100		
52	60.2	47.4	71.0
51	31.0	24.2	36.4

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#4

n-Nitrosodimethylamine

Concen: 40.189 ng

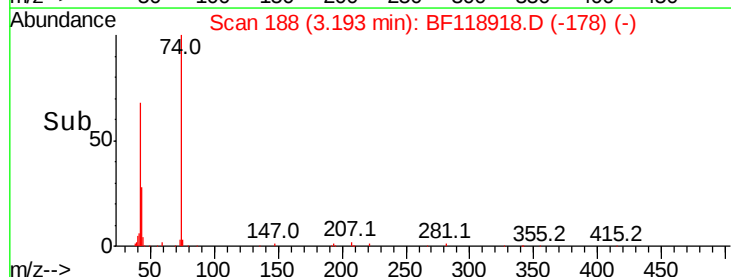
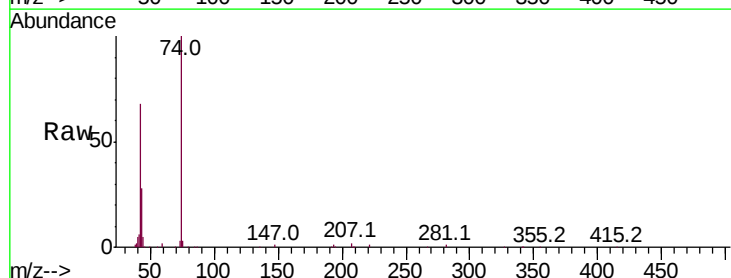
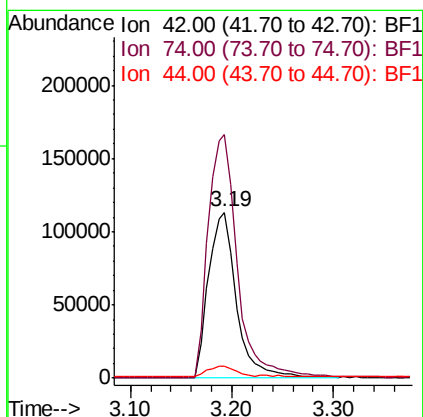
RT: 3.19 min Scan# 188

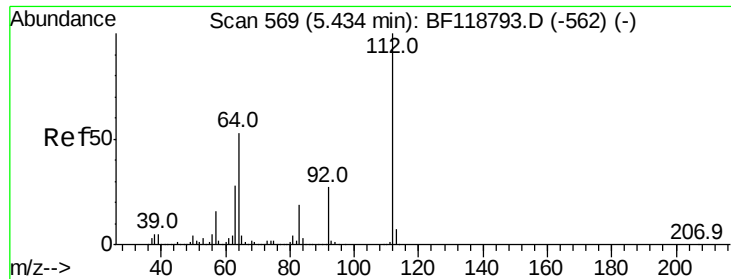
Delta R.T. -0.04 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	42	Resp:	218065
Ion Ratio	Lower	Upper	
42	100		
74	147.1	124.3	186.5
44	7.0	5.3	7.9





#5

2-Fluorophenol

Concen: 119.718 ng

RT: 5.42 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

PB126794BS

Tot Ion:112 Resp: 1409883

Ion Ratio Lower Upper

112 100

64 54.8 42.6 63.8

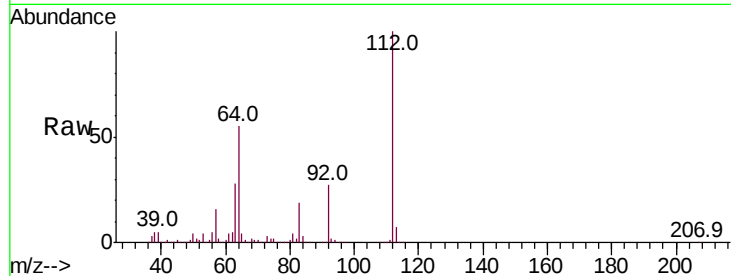
63 28.4 22.2 33.4

Manual Integrations

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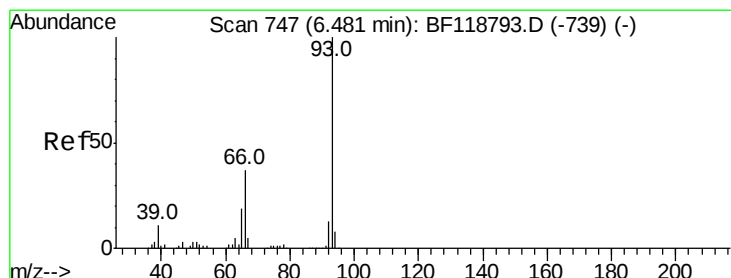
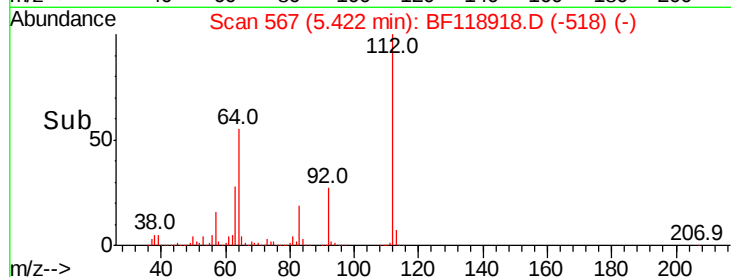
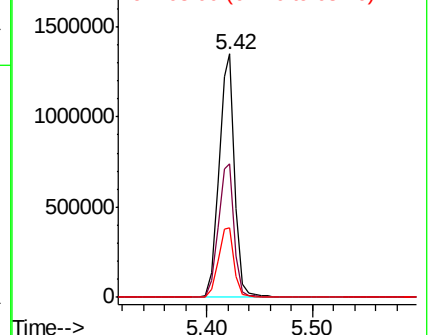
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.295 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

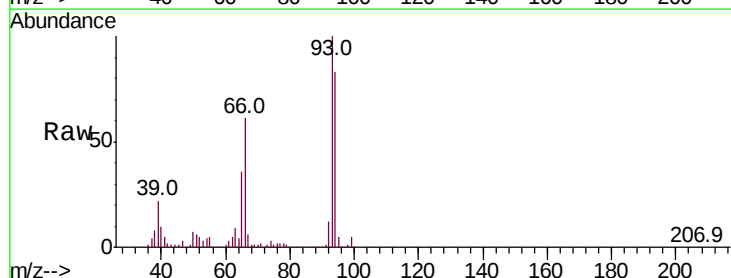
Tgt Ion: 93 Resp: 419788

Ion Ratio Lower Upper

93 100

66 61.4 30.8 46.2#

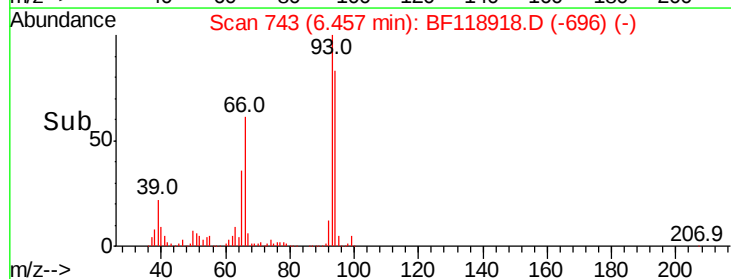
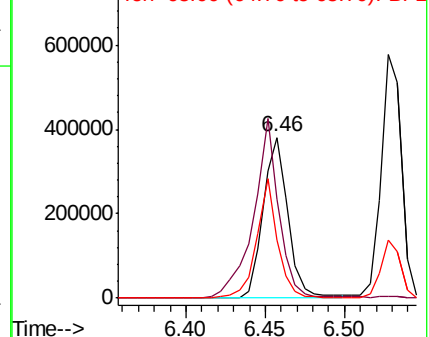
65 36.0 15.4 23.0#

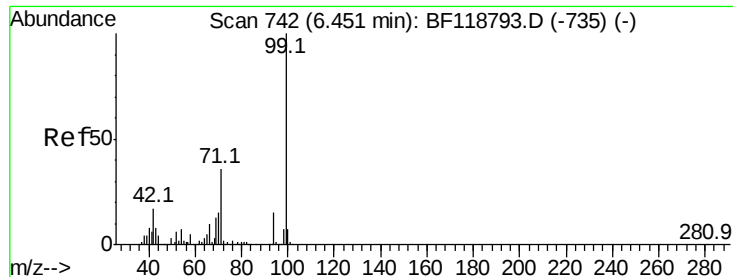


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.350 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

PB126794BS

Tot Ion: 99 Resp: 1803257

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.0

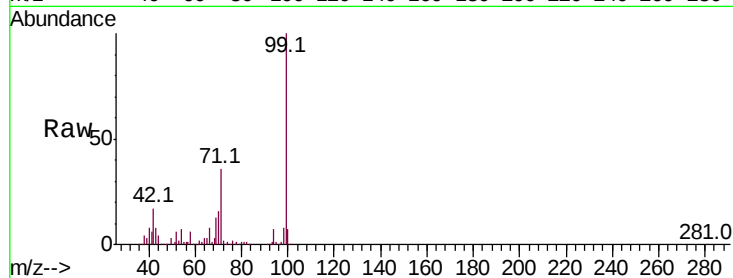
71 35.9 29.0 43.6

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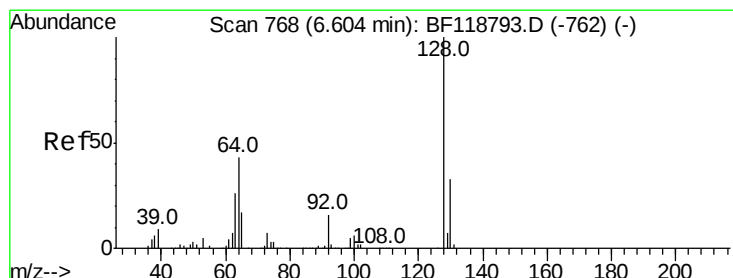
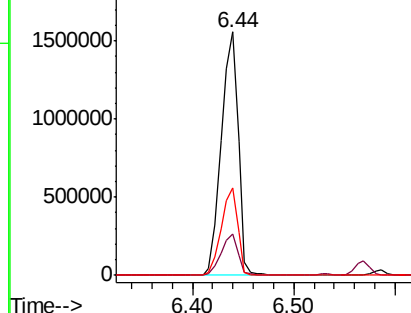
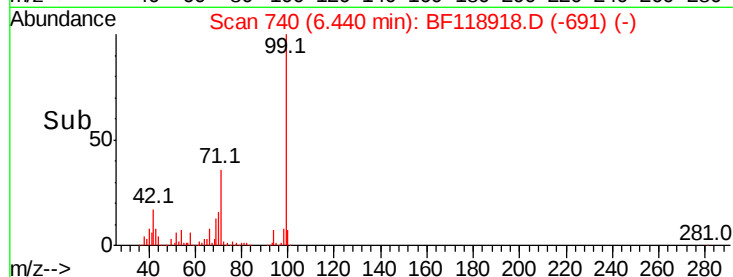
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.932 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

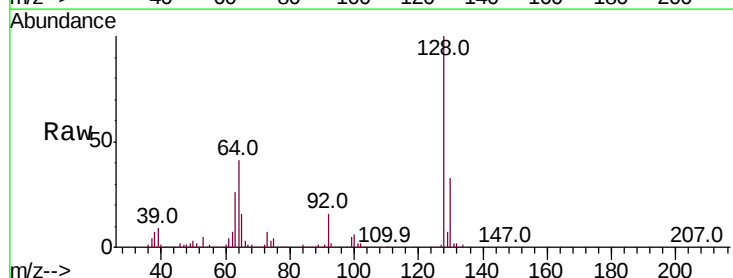
Tgt Ion:128 Resp: 550036

Ion Ratio Lower Upper

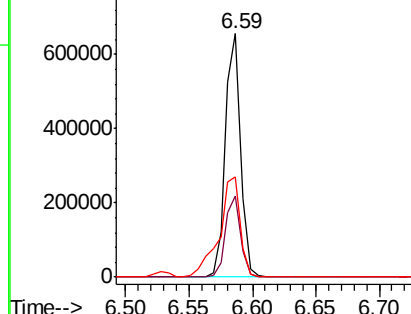
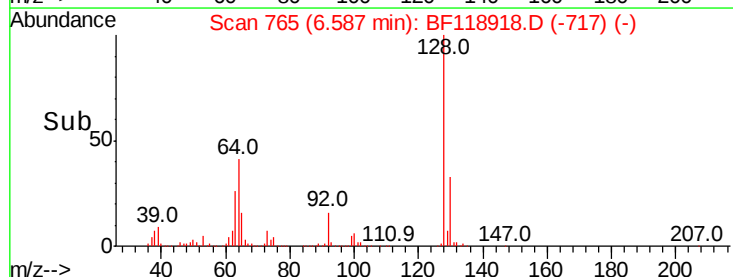
128 100

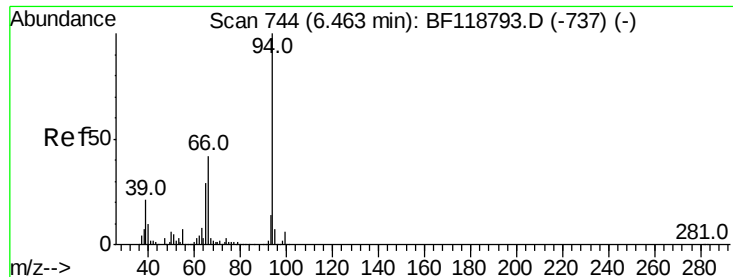
130 33.3 13.1 53.1

64 41.2 23.0 63.0



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





#10

Phenol

Concen: 40.460 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

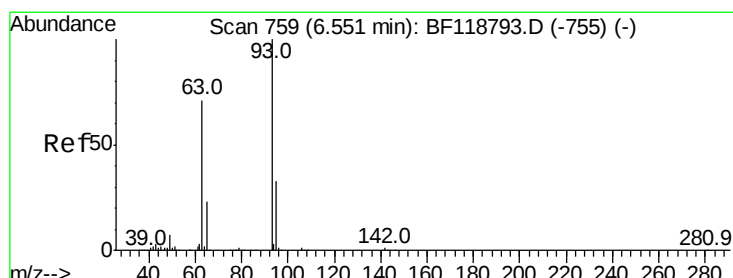
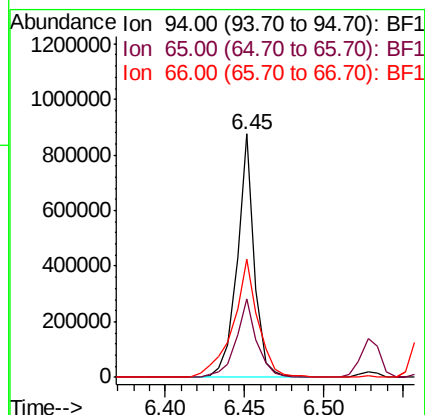
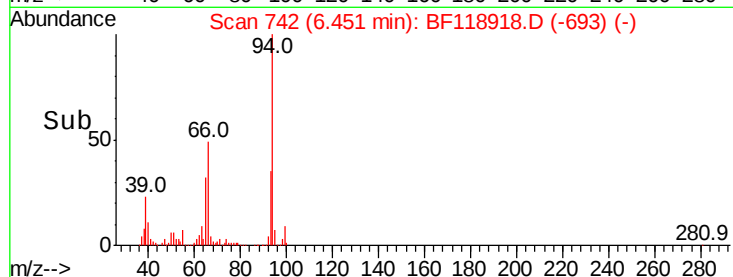
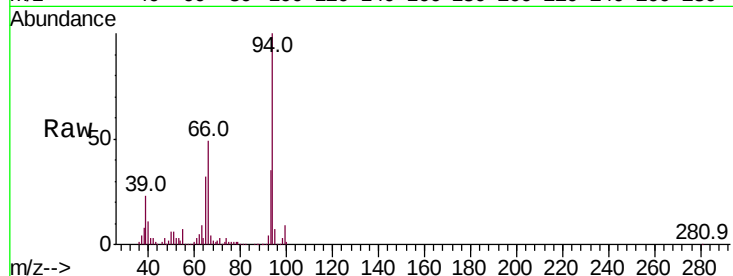
ClientSampleId :

PB126794BS

Tot Ion:	94	Resp:	657685
Ion Ratio	Lower	Upper	
94	100		
65	32.2	9.1	49.1
66	48.6	21.7	61.7

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 41.820 ng

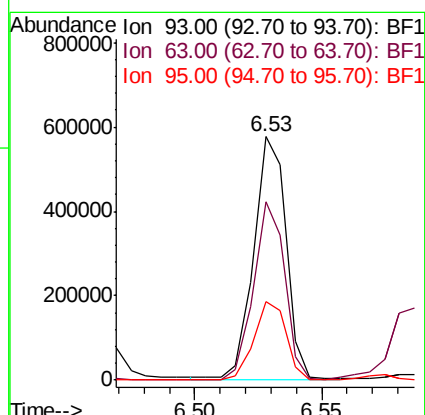
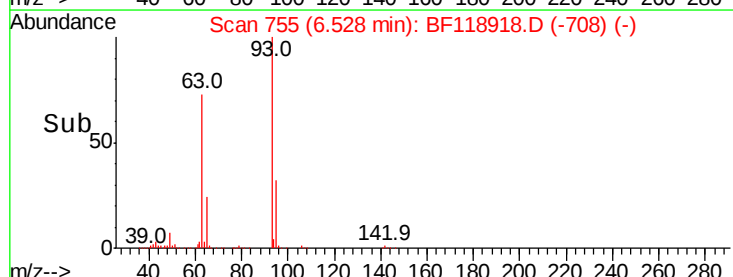
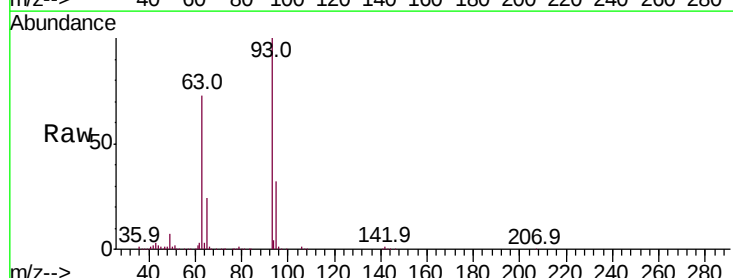
RT: 6.53 min Scan# 755

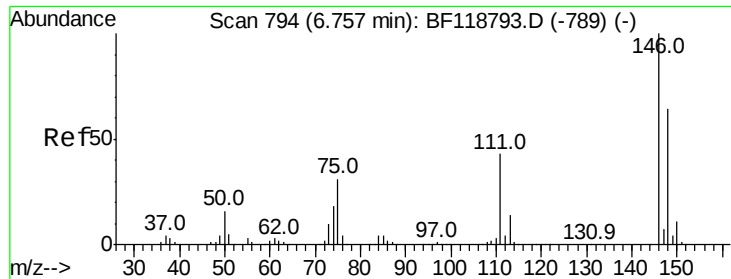
Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	93	Resp:	520085
Ion Ratio	Lower	Upper	
93	100		
63	73.1	50.7	90.7
95	32.2	12.6	52.6





#12

1,3-Dichlorobenzene

Concen: 38.251 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

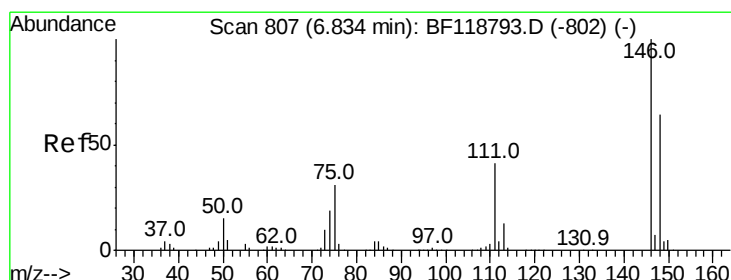
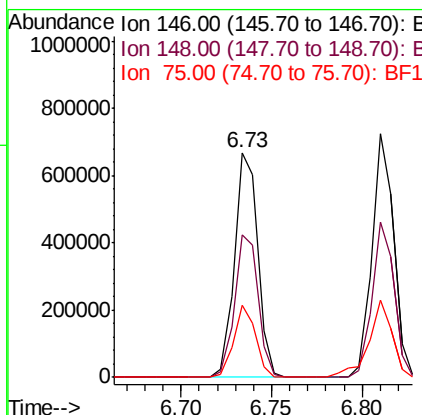
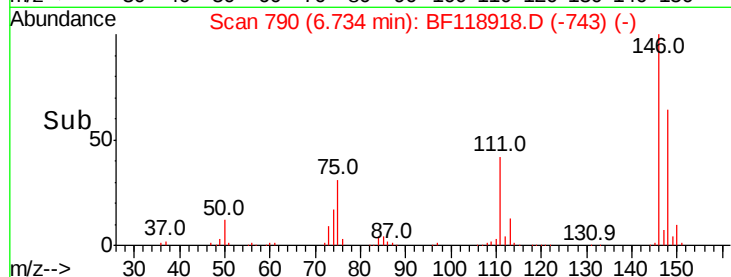
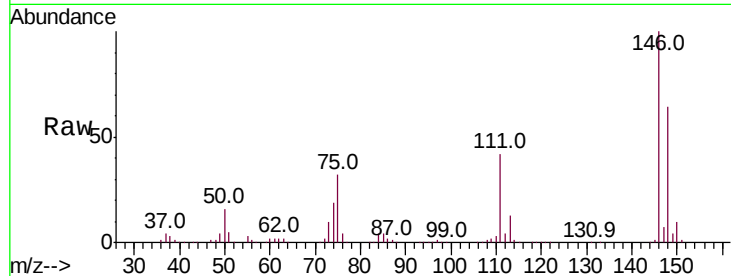
ClientSampleId :

PB126794BS

Tot Ion:	146	Resp:	597238
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
75	31.8	25.0	37.4

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#13

1,4-Dichlorobenzene

Concen: 38.898 ng

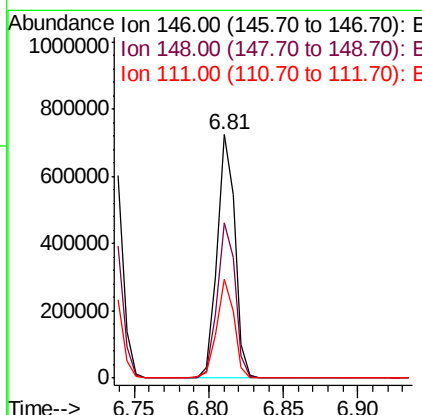
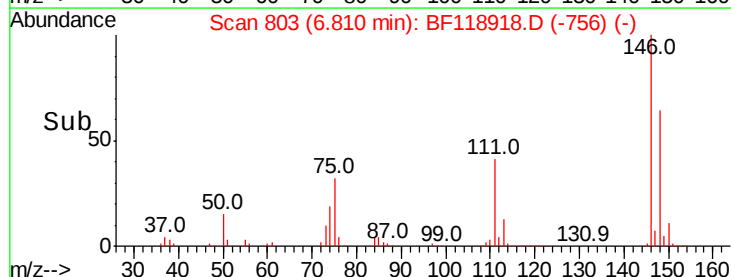
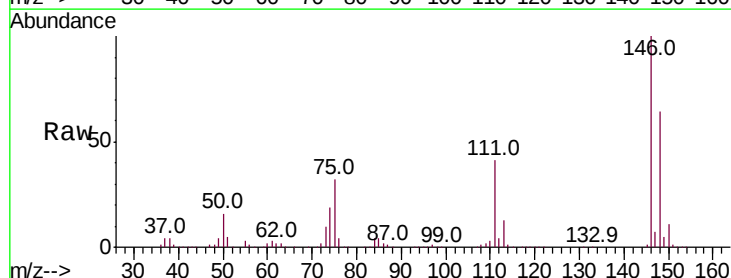
RT: 6.81 min Scan# 803

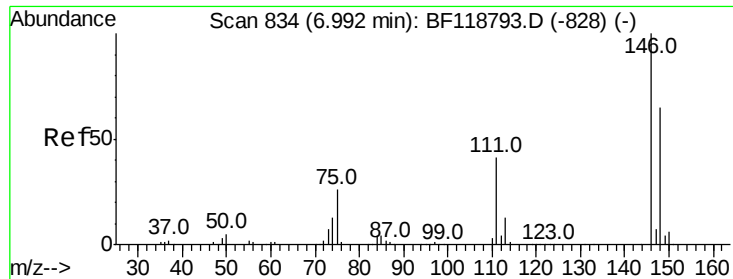
Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	146	Resp:	605810
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.6	77.4
111	40.8	32.9	49.3





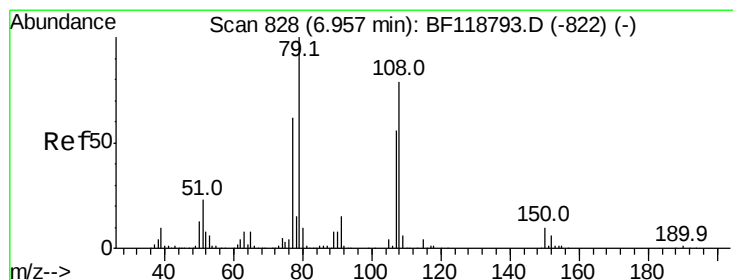
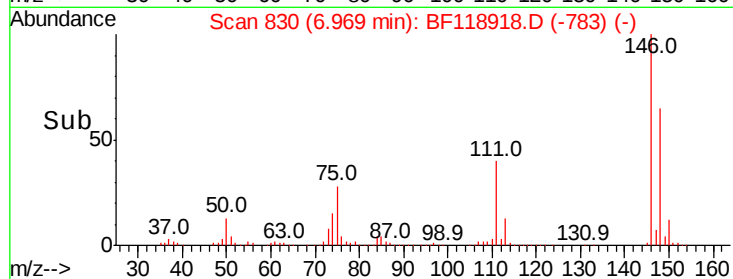
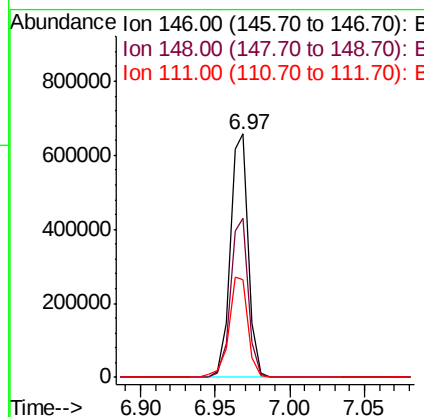
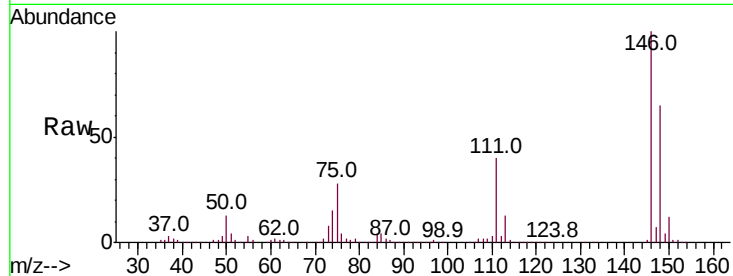
#14
1,2-Dichlorobenzene
Concen: 37.907 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	40.0	32.7	49.1

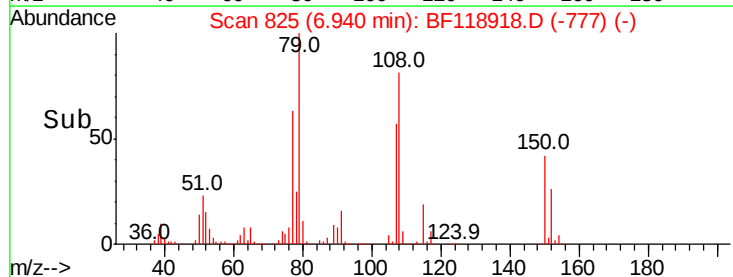
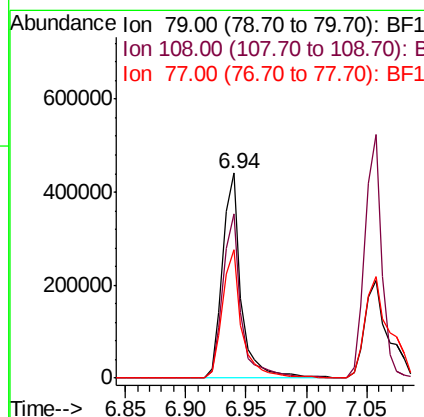
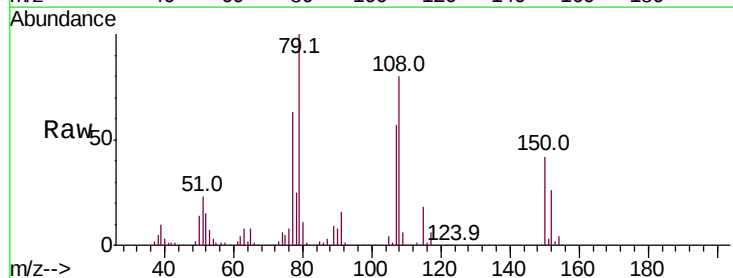
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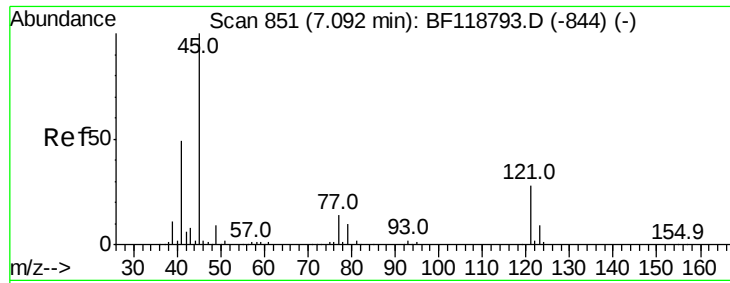
mohammad
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#15
Benzyl Alcohol
Concen: 41.546 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.5	62.9	94.3
77	63.0	50.0	75.0





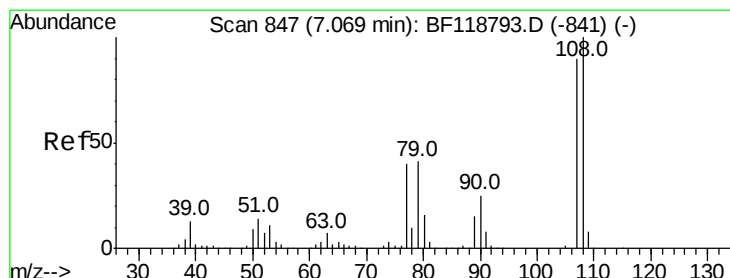
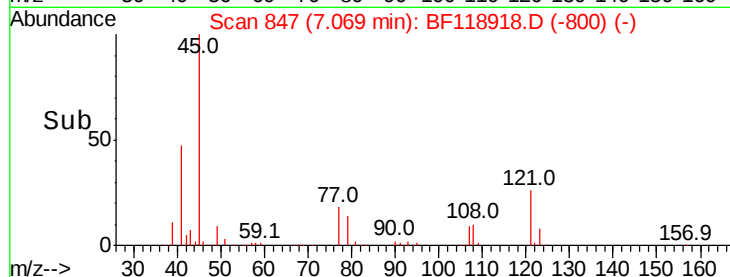
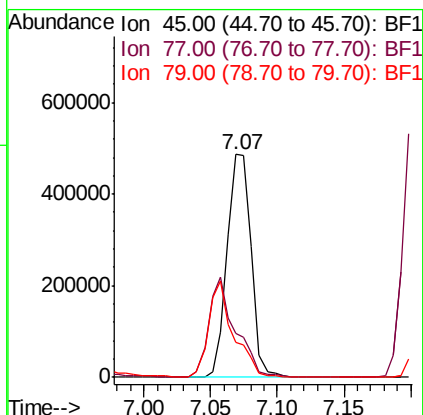
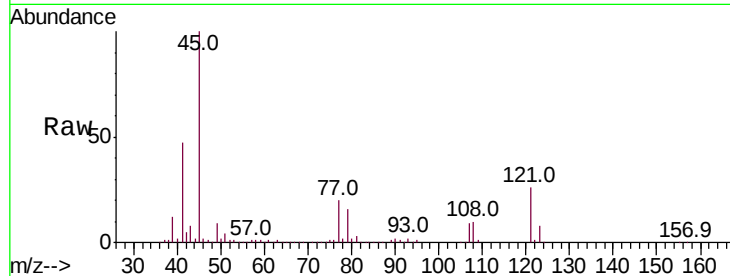
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.678 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.0	37.1
79	15.7	0.0	33.1

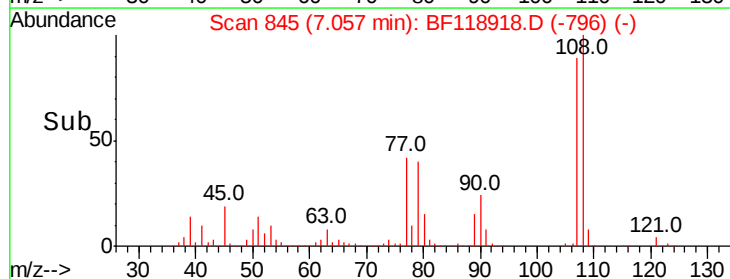
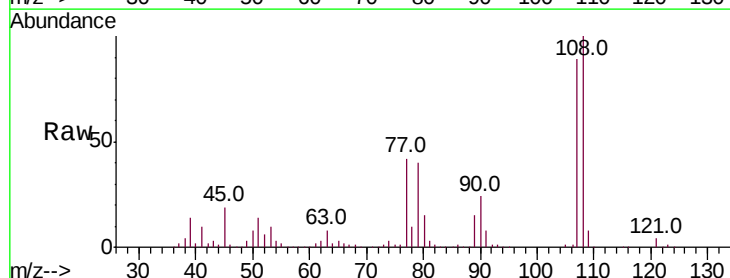
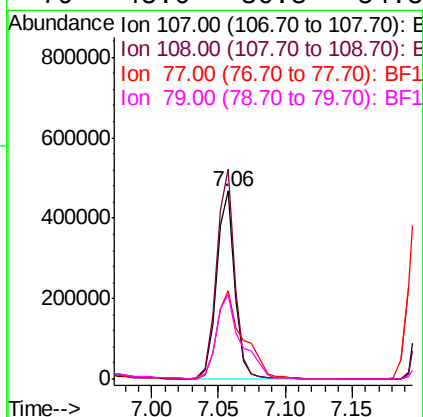
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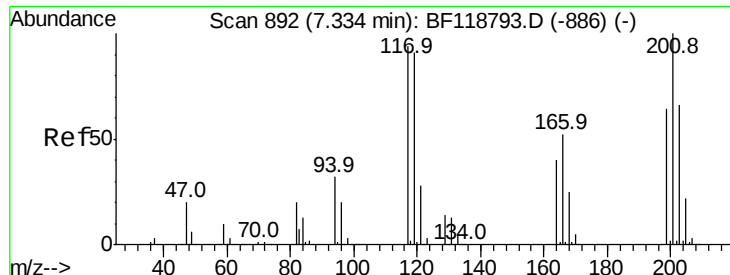
mohammad
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#17
2-Methylphenol
Concen: 41.550 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.3	133.9
77	46.7	36.2	54.2
79	45.0	36.3	54.5





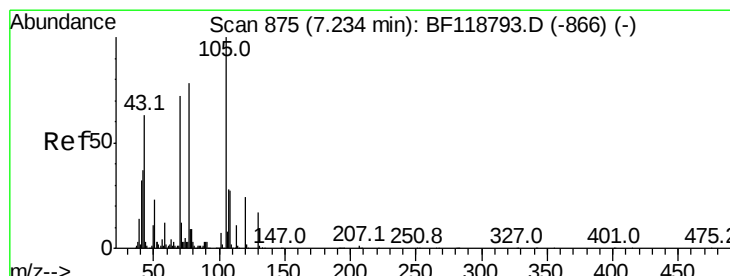
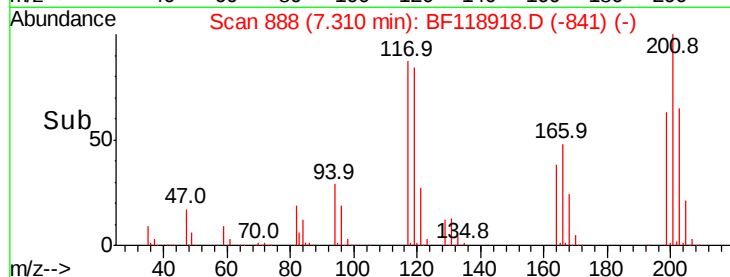
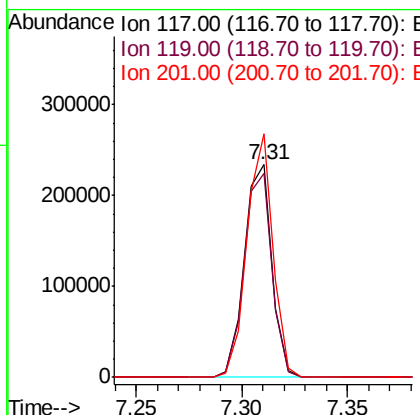
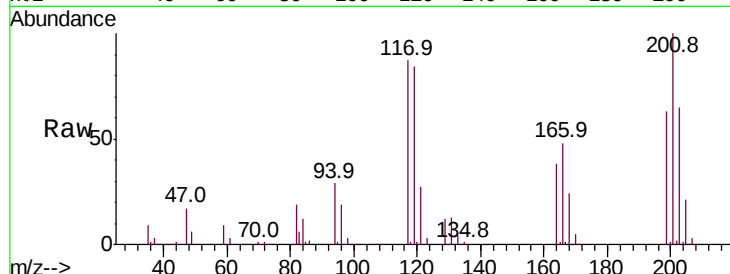
#18
Hexachloroethane
Concen: 37.640 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	210397		
119	96.1	77.4	116.0	
201	114.5	85.1	127.7	

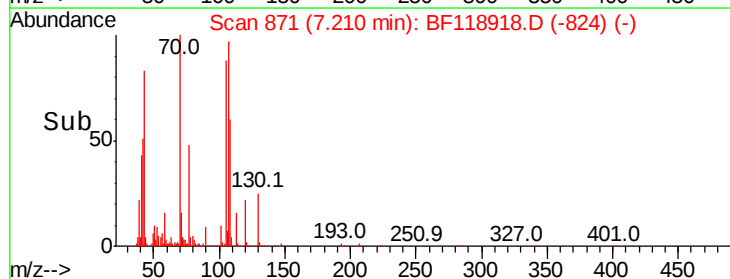
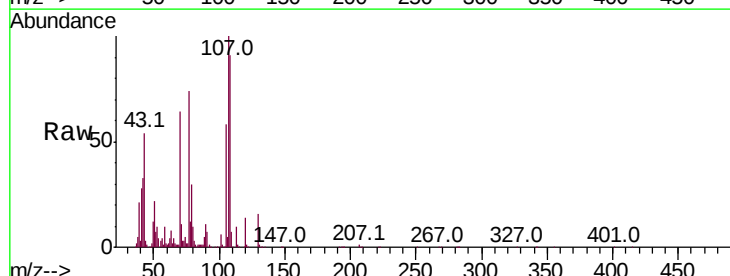
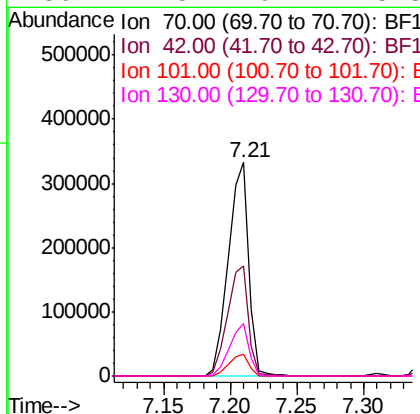
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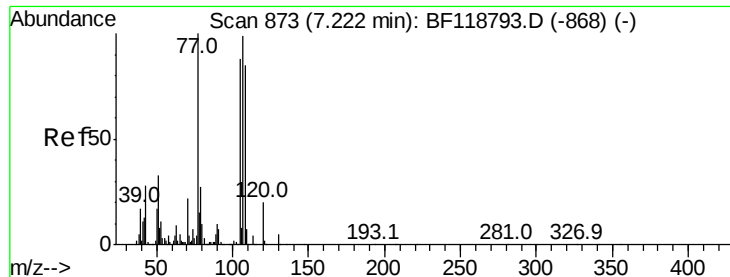
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#19
n-Nitroso-di-n-propylamine
Concen: 40.010 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	357875		
42	51.6	41.5	62.3	
101	10.1	8.3	12.5	
130	24.8	19.2	28.8	





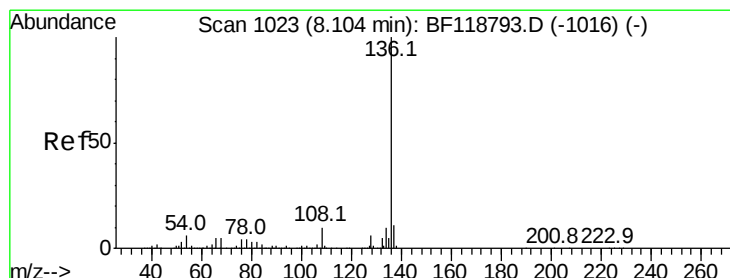
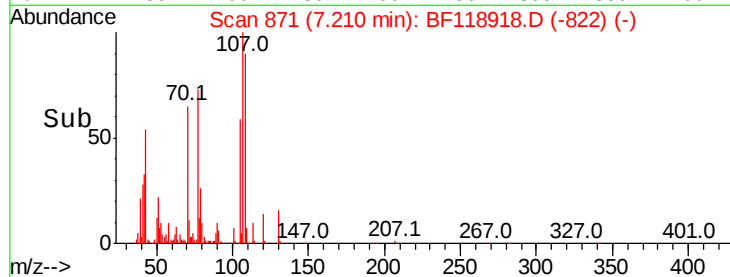
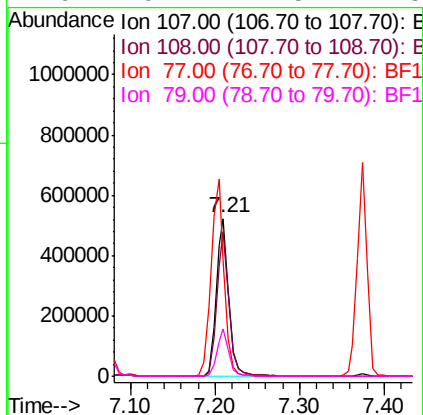
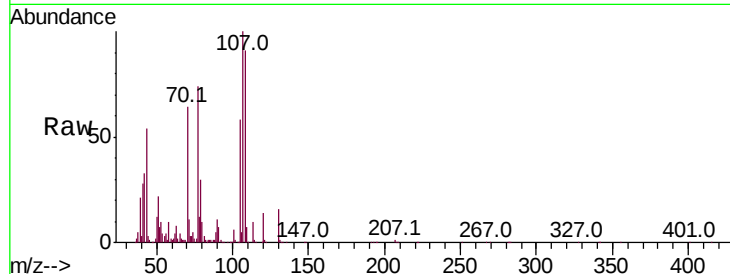
#20
3+4-Methylphenols
Concen: 40.397 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.4	65.9	105.9	
77	73.7	80.9	120.9	
79	29.7	7.5	47.5	

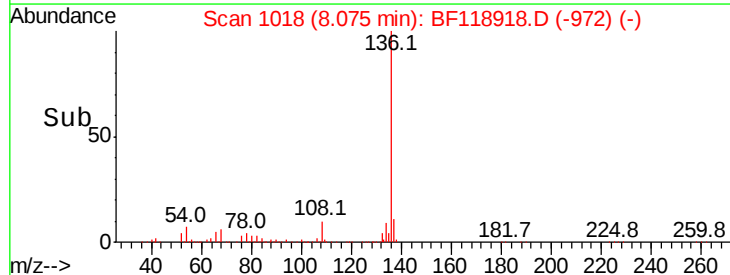
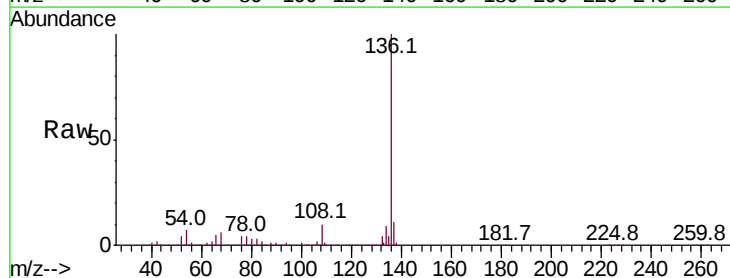
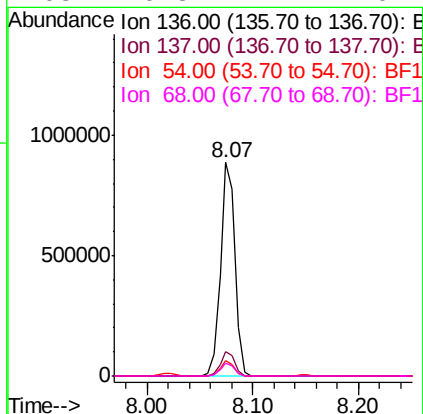
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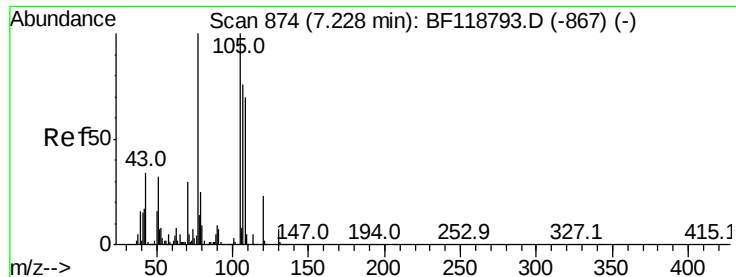
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	7.1	5.0	7.6	
68	6.3	4.2	6.4	





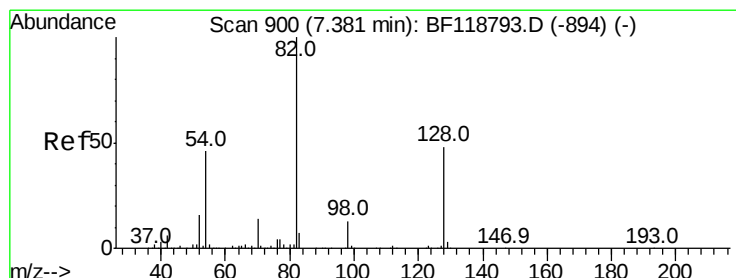
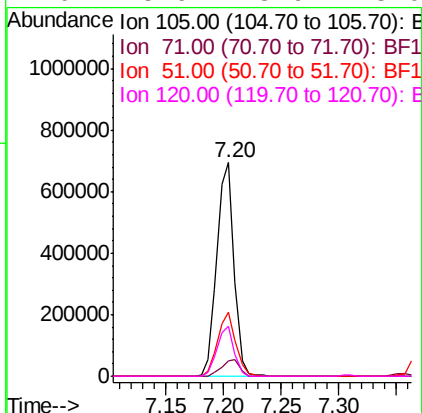
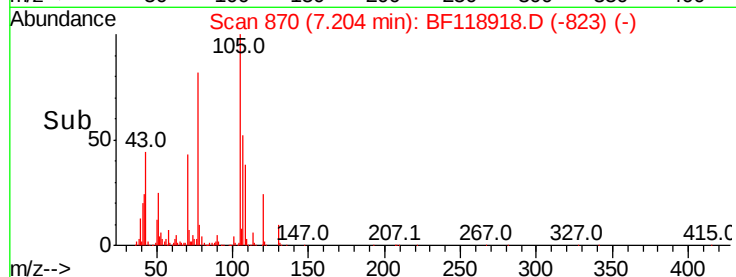
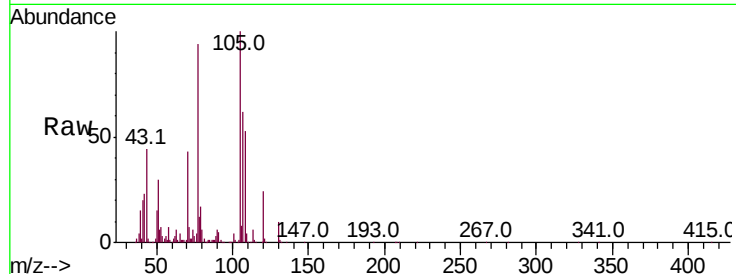
#22
Acetophenone
Concen: 38.955 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :
PB126794BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.2	6.4#
51	29.9	25.5	38.3
120	23.6	18.6	28.0

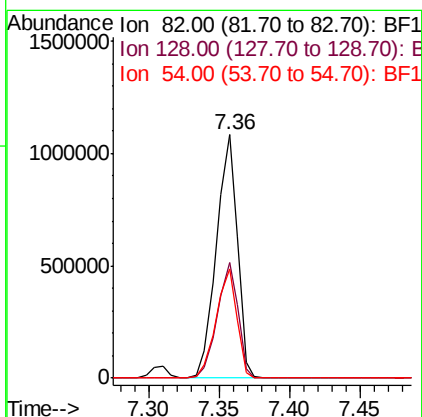
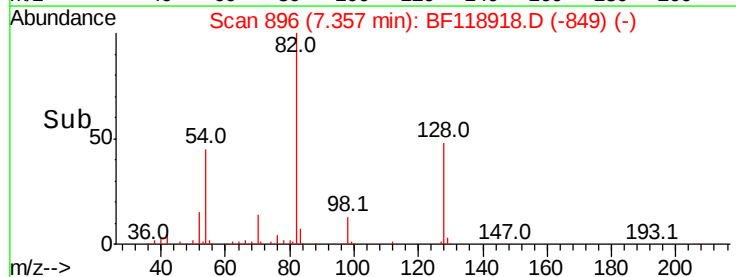
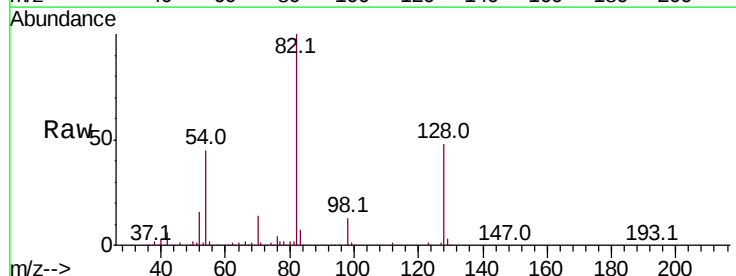
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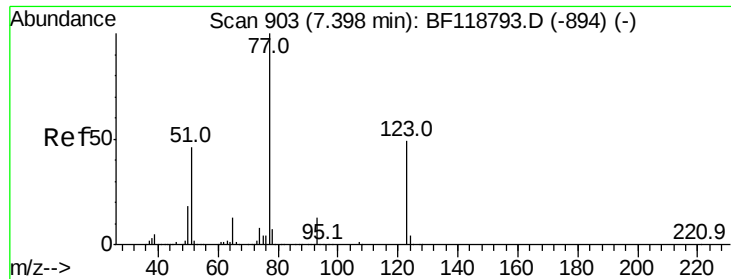
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#23
Nitrobenzene-d5
Concen: 78.359 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.5	57.7
54	45.0	36.7	55.1





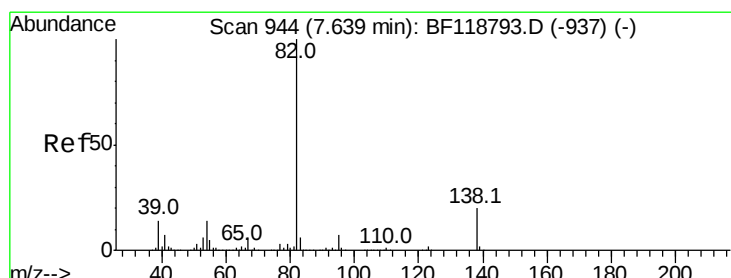
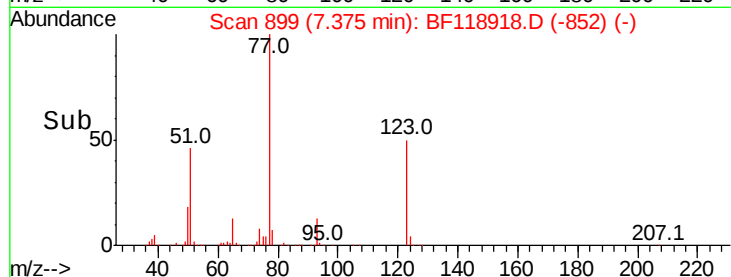
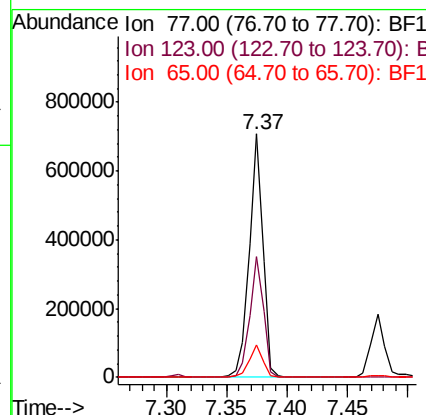
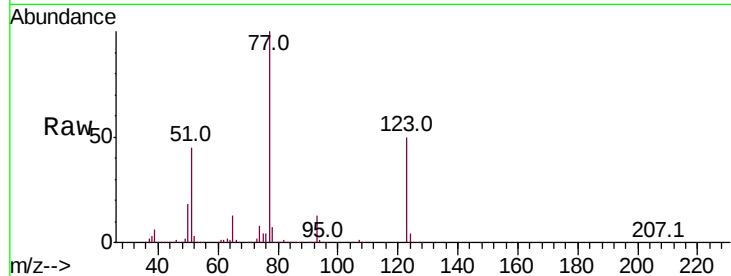
#24
Nitrobenzene
Concen: 39.428 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.0	58.4
65	13.4	10.6	15.8

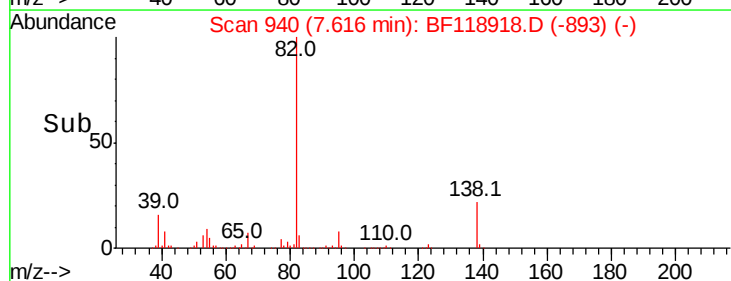
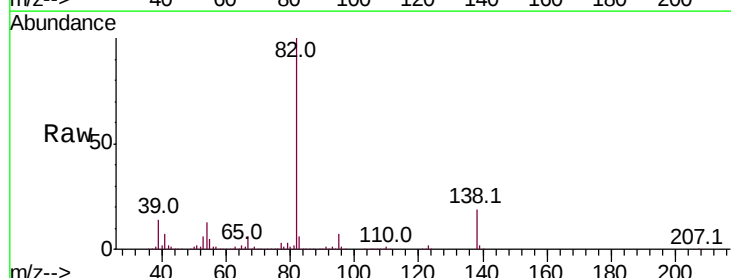
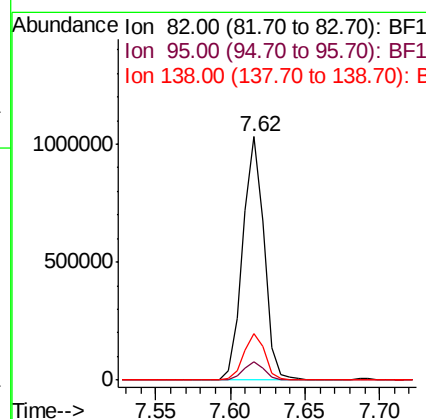
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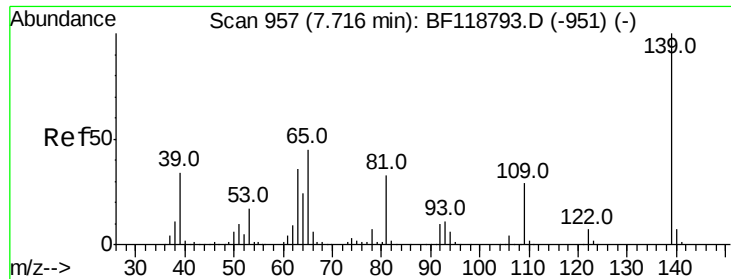
mohammad
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#25
Isophorone
Concen: 40.161 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.0	9.0
138	19.1	15.7	23.5





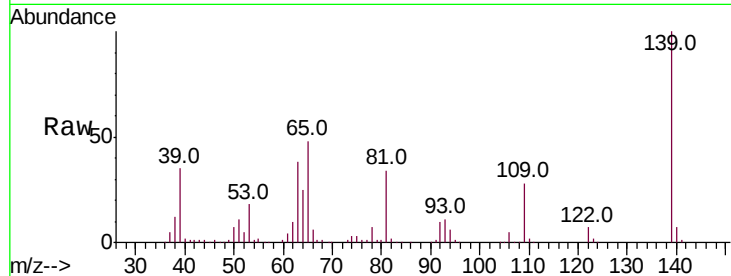
#26
2-Nitrophenol
Concen: 40.521 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.1	23.4	35.0	
65	48.1	36.2	54.2	

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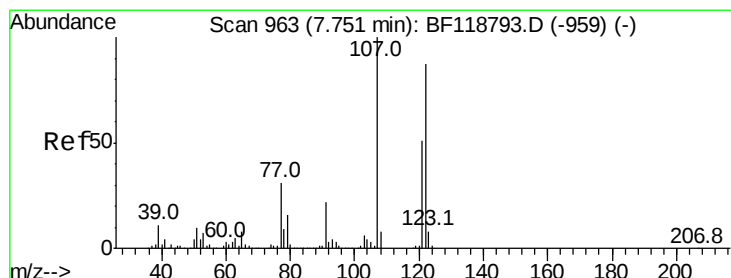
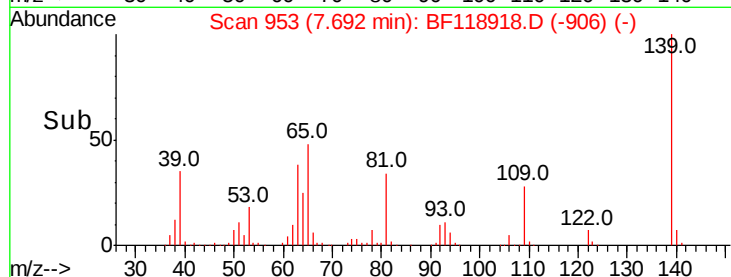
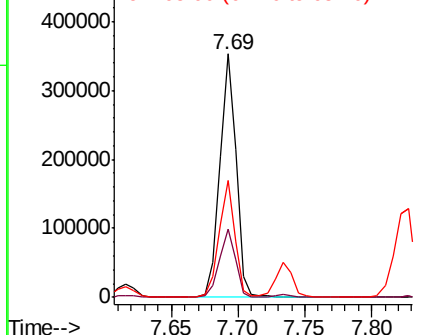


Abundance

Ion 139.00 (138.70 to 139.70): E

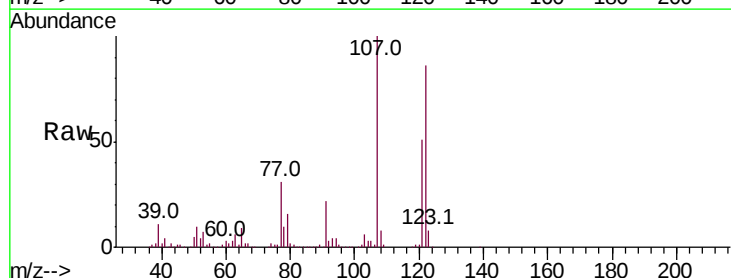
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#27
2,4-Dimethylphenol
Concen: 45.721 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	116.6	92.2	138.2	
121	59.5	46.8	70.2	

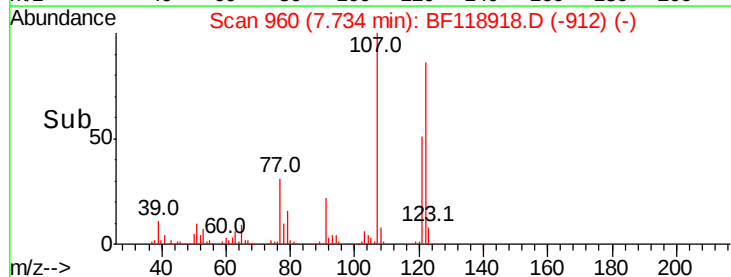
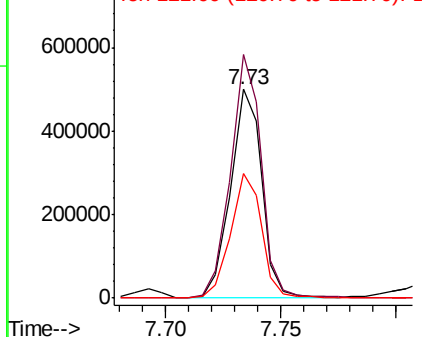


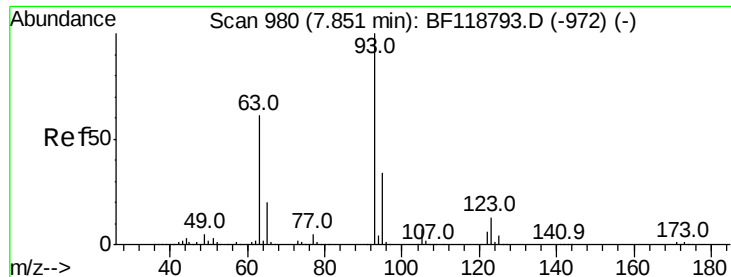
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





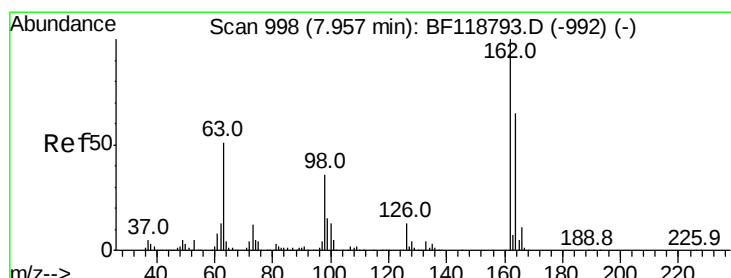
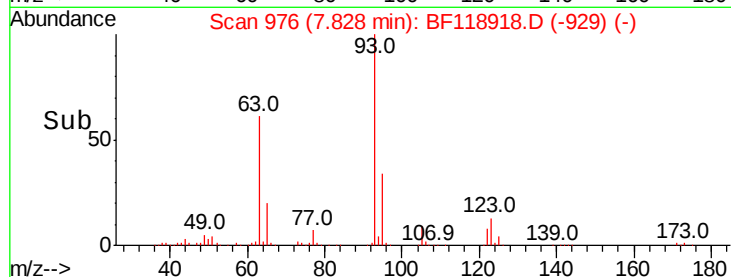
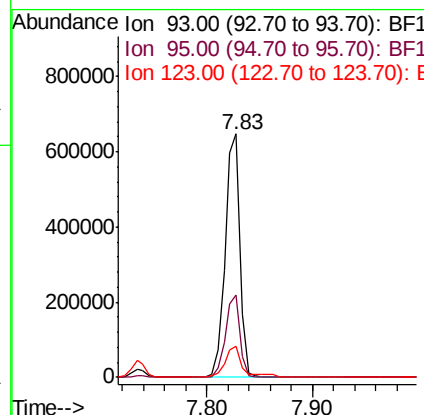
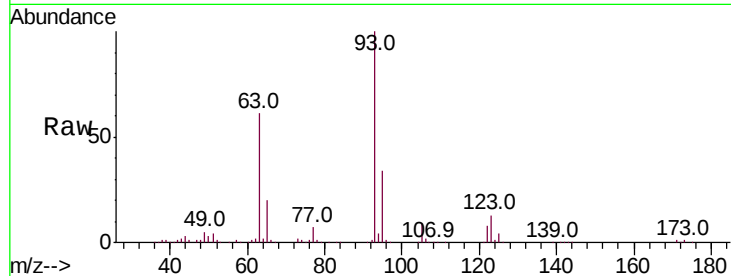
#28
bis(2-Chloroethoxy)methane
Concen: 38.323 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	12.7	10.6	15.8

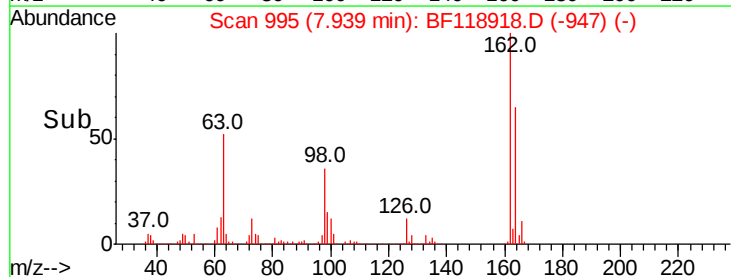
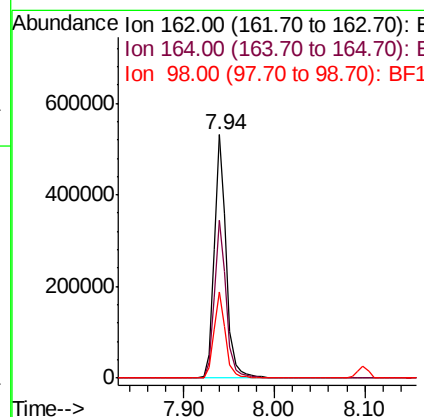
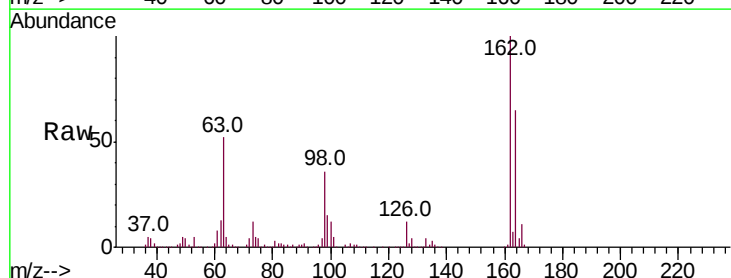
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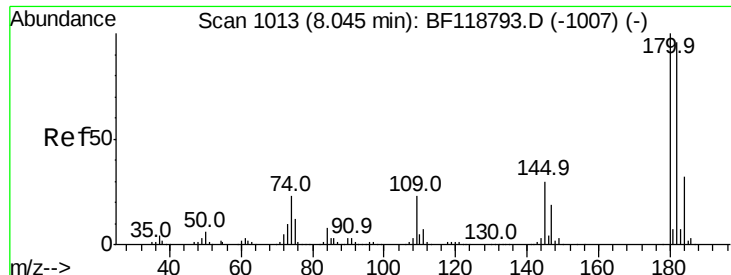
mohammad
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#29
2,4-Dichlorophenol
Concen: 40.105 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.8	84.8
98	35.6	16.4	56.4





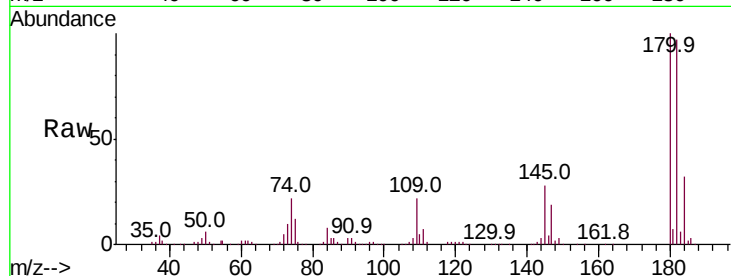
#30
 1,2,4-Trichlorobenzene
 Concen: 37.208 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

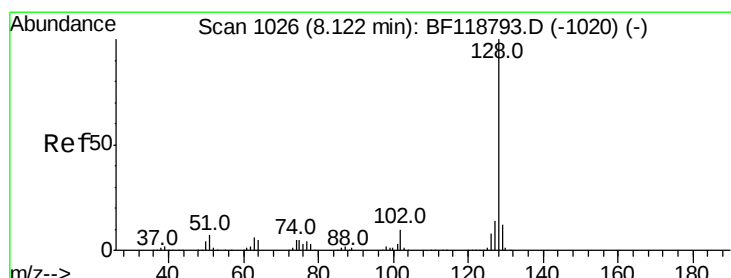
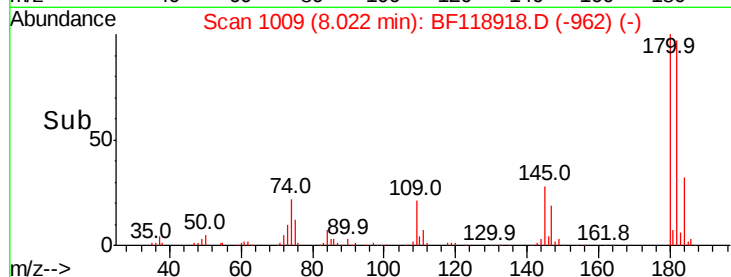
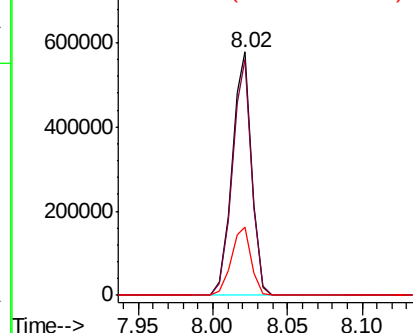
Tot Ion	Ratio	Resp	Lower	Upper
180	100	537902		
182	97.0	76.6	115.0	
145	28.1	24.0	36.0	

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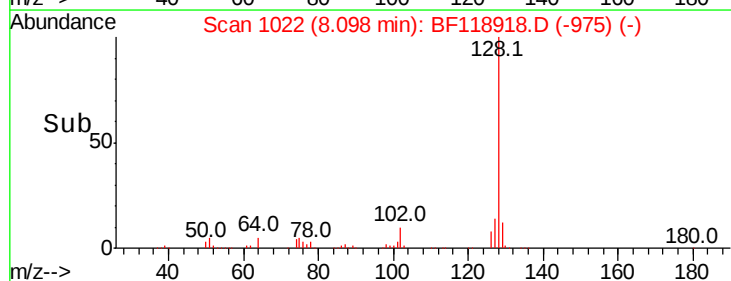
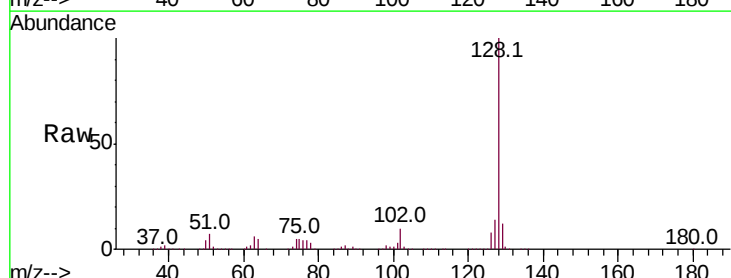
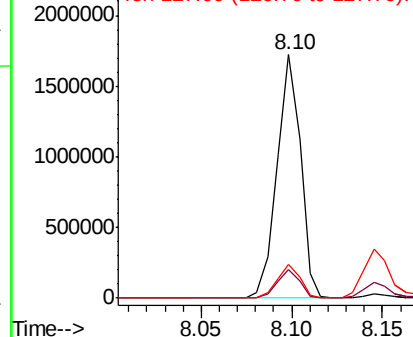
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

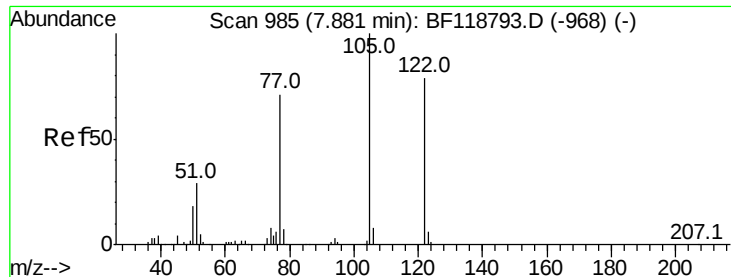


#31
 Naphthalene
 Concen: 39.751 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1547716		
129	11.5	9.4	14.2	
127	13.7	11.3	16.9	

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: 34.253 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

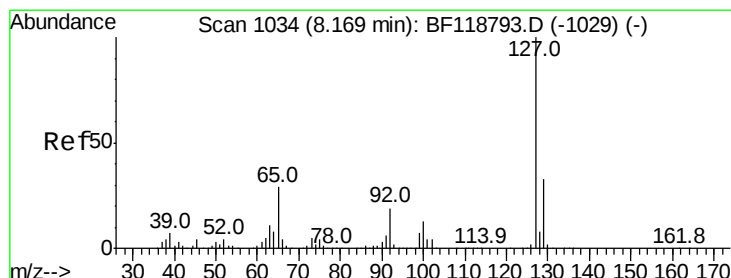
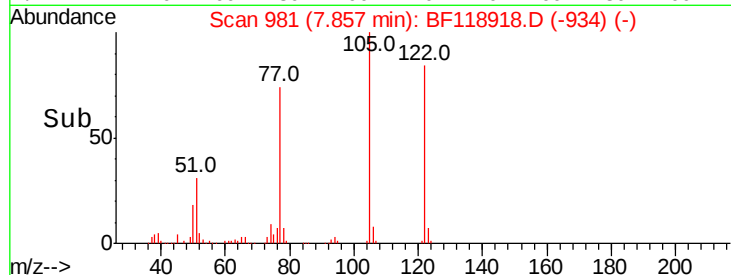
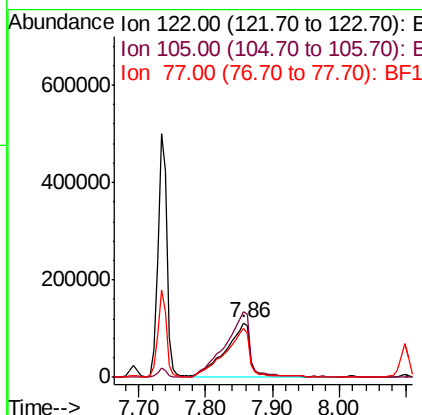
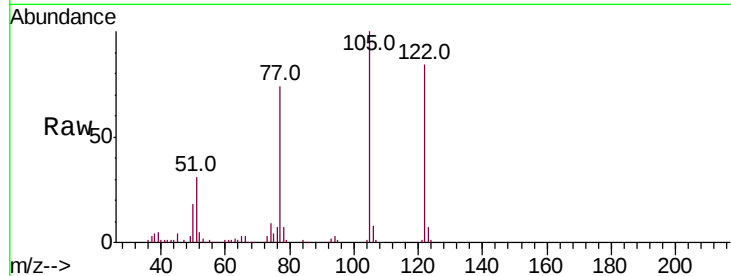
ClientSampleId :

PB126794BS

Tot Ion:	122	Resp:	292893
Ion Ratio	Lower	Upper	
122	100		
105	119.7	104.4	144.4
77	88.9	69.3	109.3

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#33

4-Chloroaniline

Concen: 21.887 ng

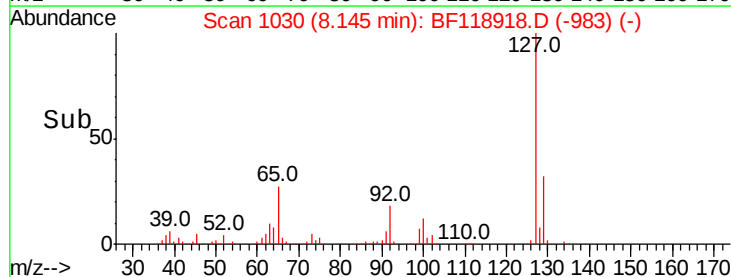
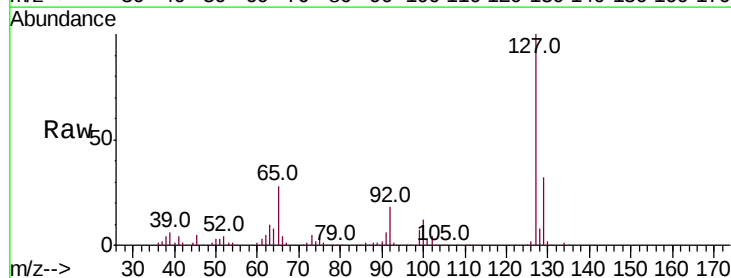
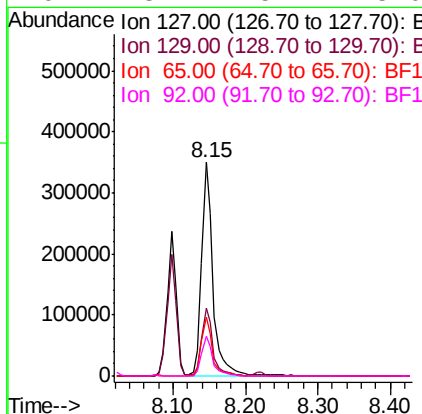
RT: 8.15 min Scan# 1030

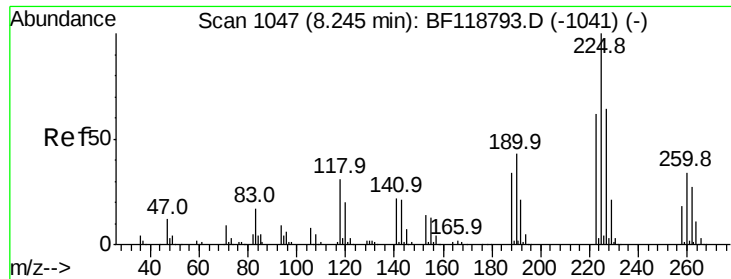
Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	127	Resp:	381263
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.7	40.1
65	27.8	22.9	34.3
92	18.4	15.4	23.0





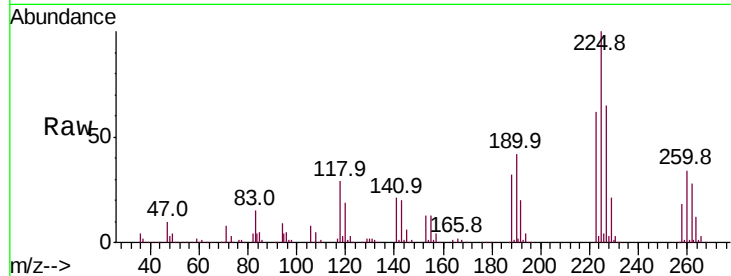
#34
 Hexachlorobutadiene
 Concen: 34.931 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

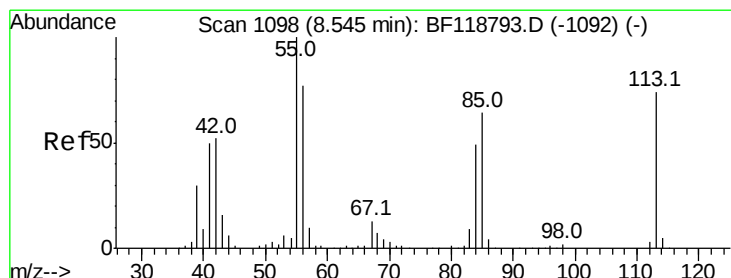
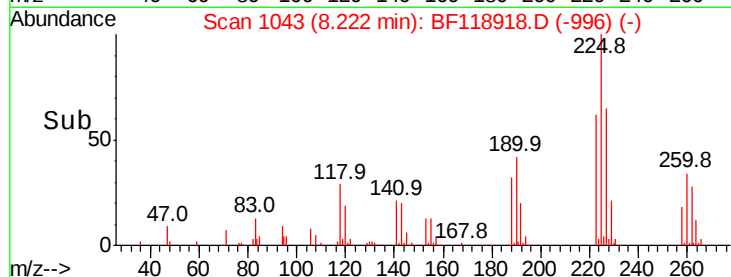
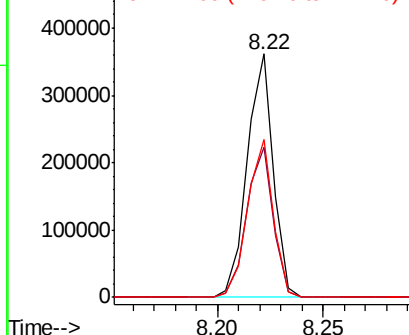
Tot Ion:	225	Resp:	309387
Ion Ratio	Lower	Upper	
225	100		
223	61.9	49.8	74.8
227	65.1	51.0	76.4

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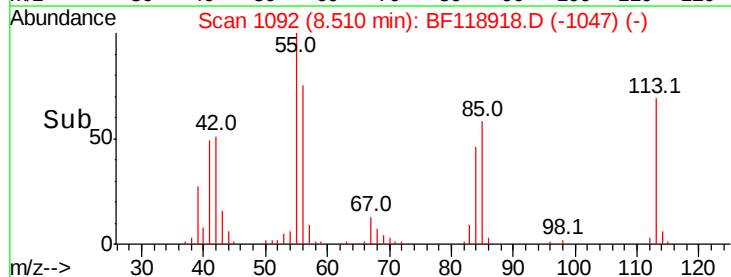
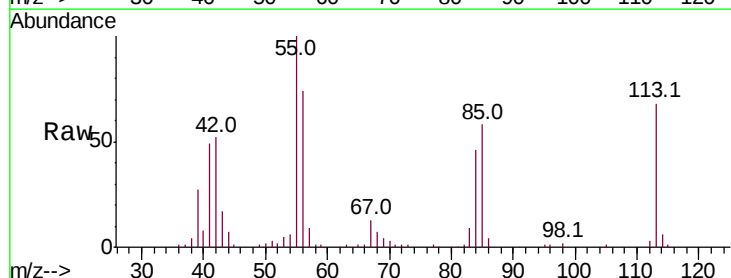
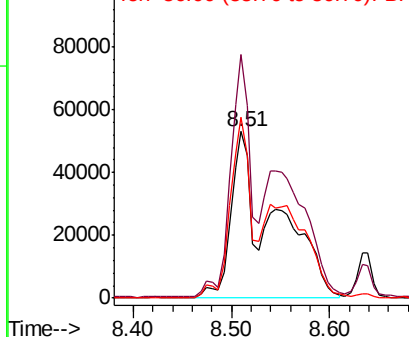
Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

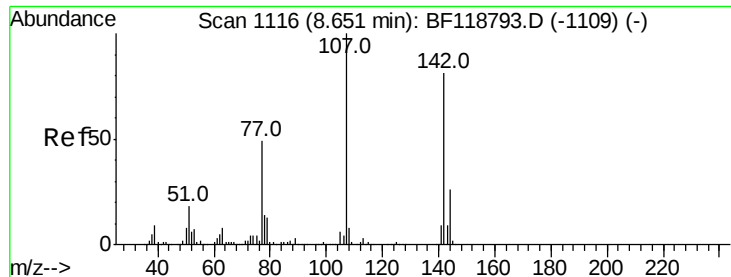


#35
 Caprolactam
 Concen: 40.050 ng m
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:	113	Resp:	160583
Ion Ratio	Lower	Upper	
113	100		
55	146.0	115.5	155.5
56	108.4	83.7	123.7

Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1





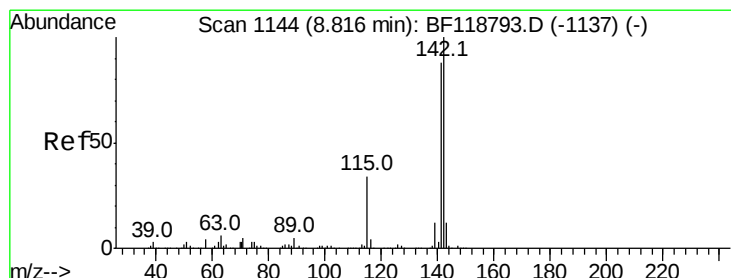
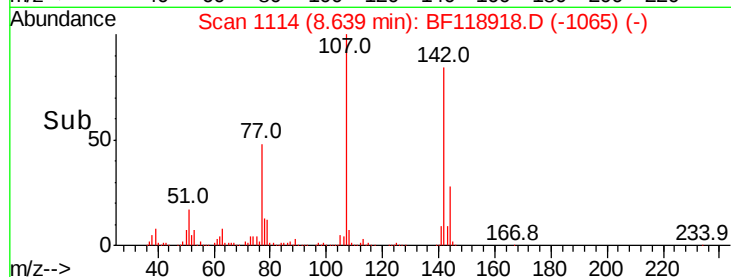
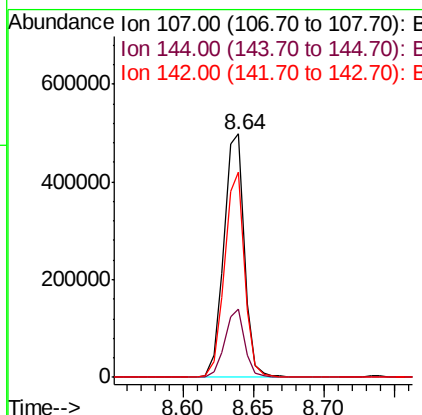
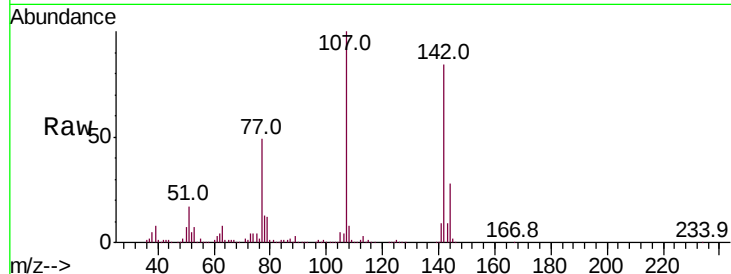
#36
 4-Chloro-3-methylphenol
 Concen: 40.800 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.9	21.0	31.6	
142	84.4	64.8	97.2	

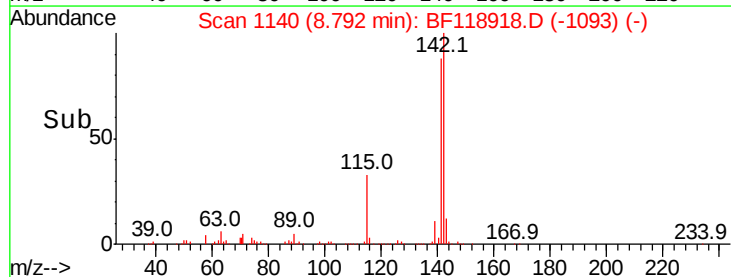
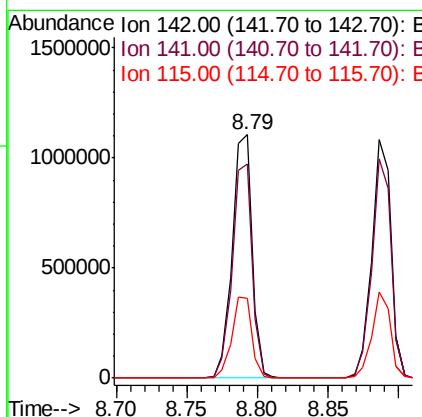
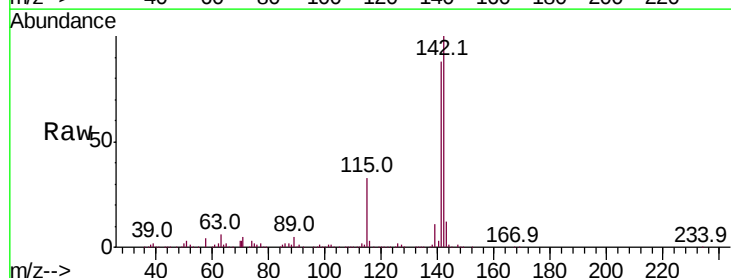
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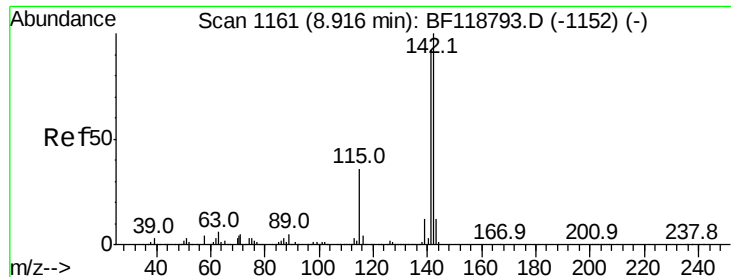
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#37
 2-Methylnaphthalene
 Concen: 40.277 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	87.8	70.1	105.1	
115	32.7	27.3	40.9	





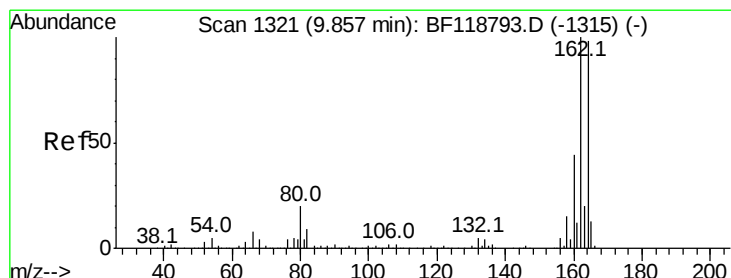
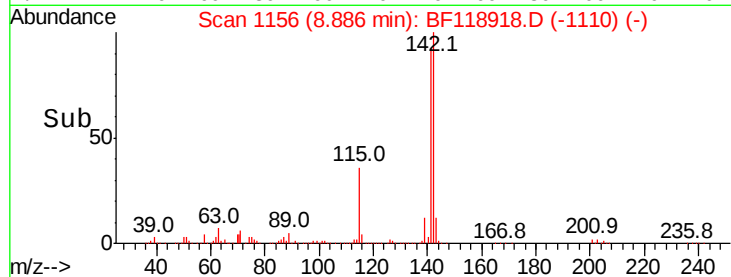
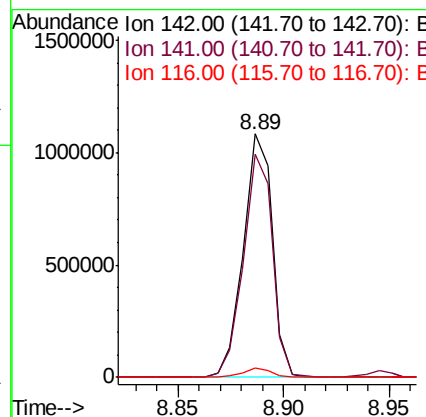
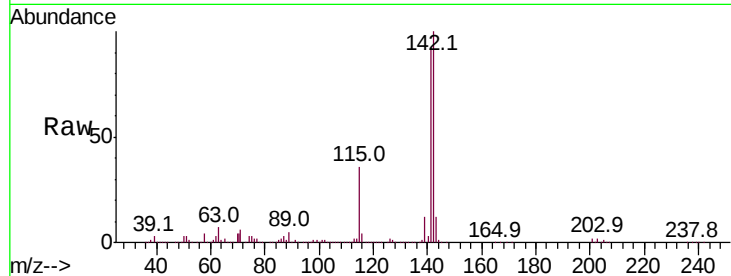
#38
1-Methylnaphthalene
Concen: 40.282 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.6
116	3.8	3.0	4.4

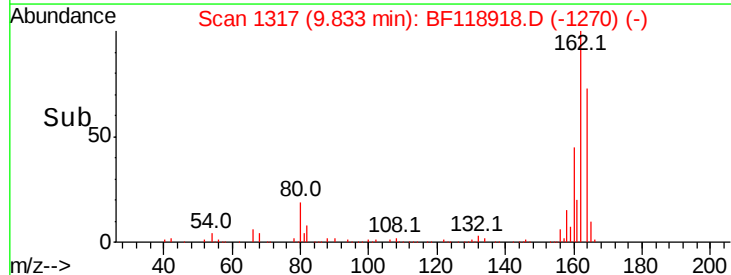
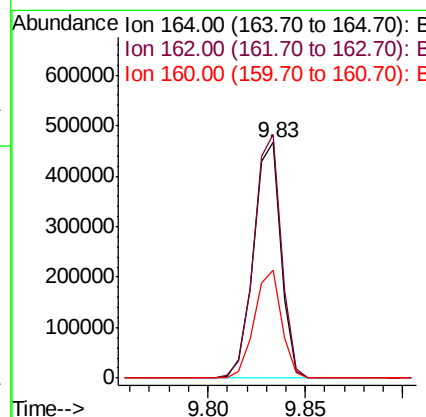
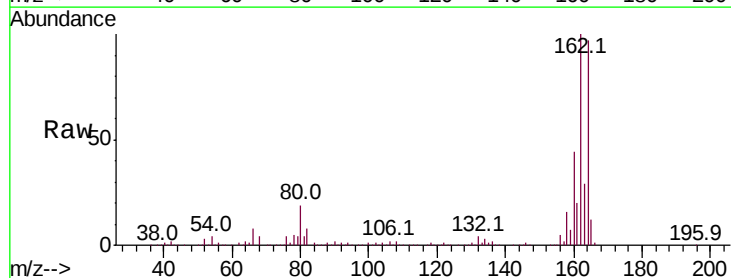
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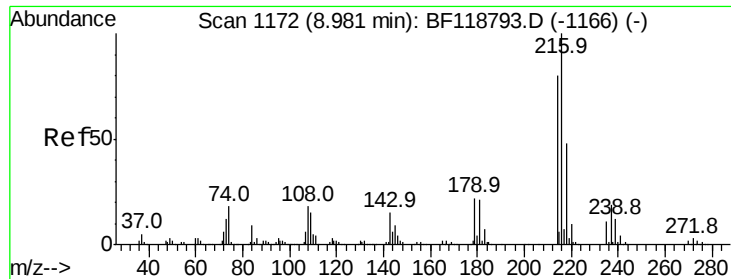
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.2
160	45.9	35.6	53.4





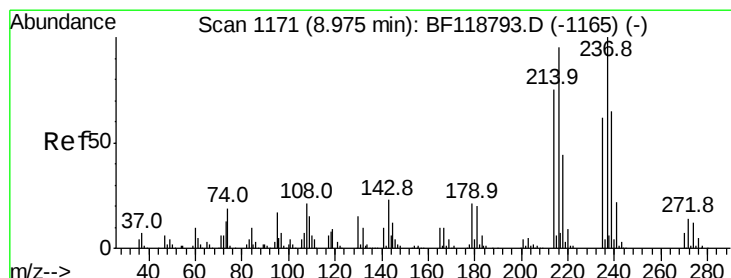
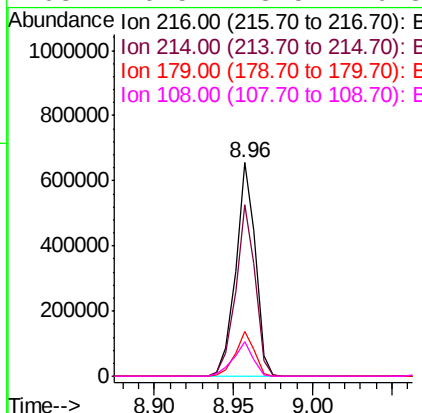
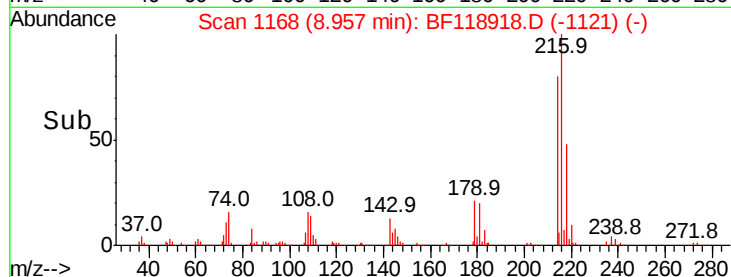
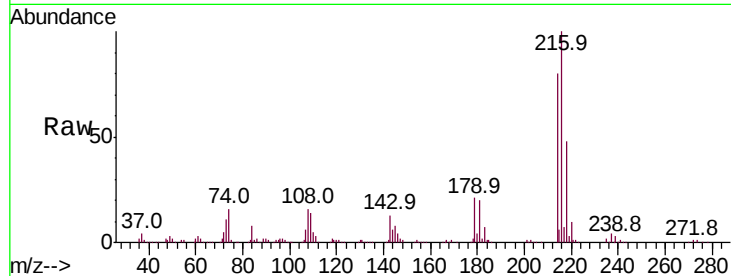
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.370 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.0	94.4
179	20.5	17.0	25.6
108	16.5	13.5	20.3

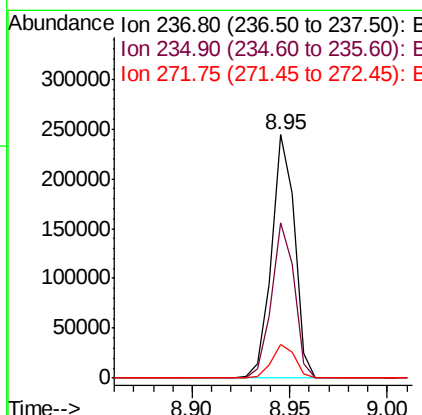
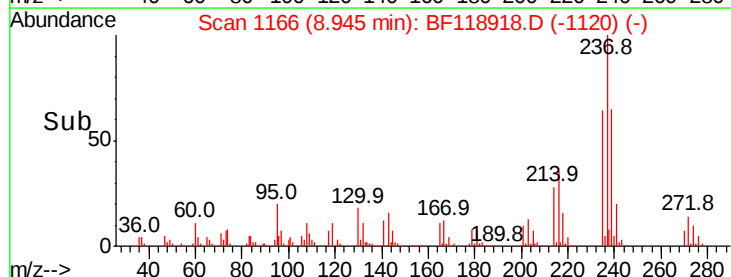
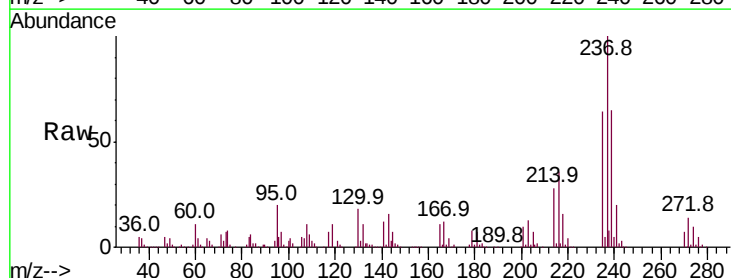
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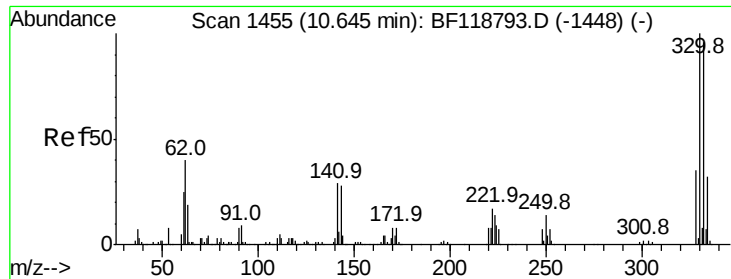
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#41
 Hexachlorocyclopentadiene
 Concen: 37.451 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	42.1	82.1
272	13.9	0.0	34.4





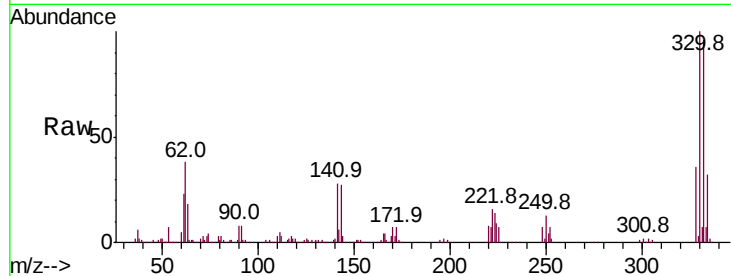
#42
 2,4,6-Tribromophenol
 Concen: 118.249 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

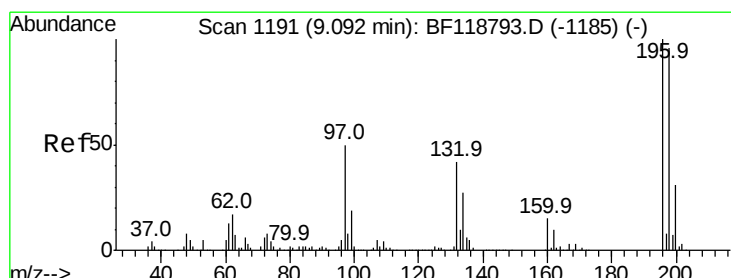
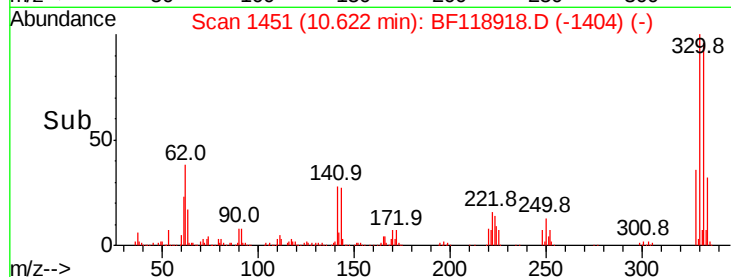
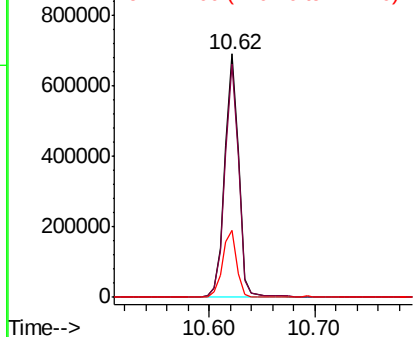
Tot Ion	Ratio	Resp	Lower	Upper
330	100	638455		
332	96.1	77.3	115.9	
141	28.4	22.4	33.6	

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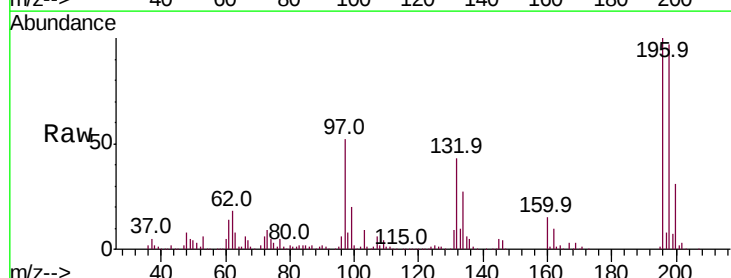


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

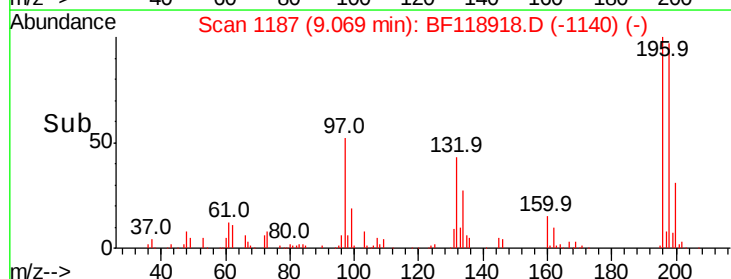
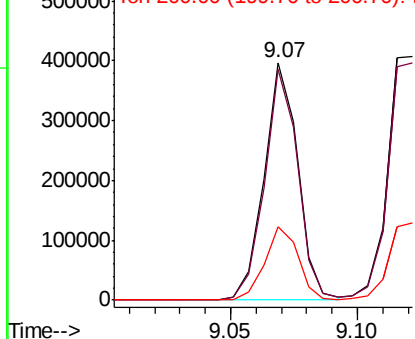


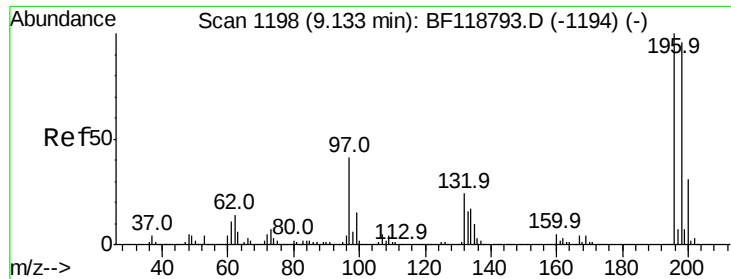
#43
 2,4,6-Trichlorophenol
 Concen: 40.222 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	366306		
198	97.1	76.7	115.1	
200	30.8	24.9	37.3	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





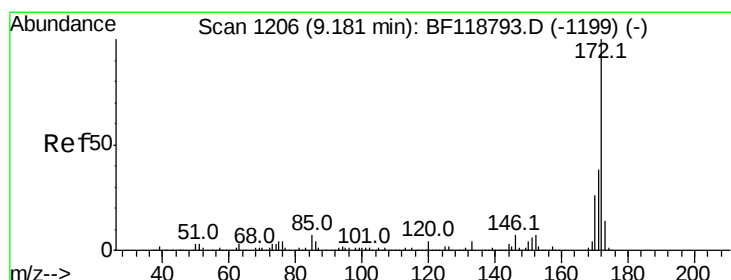
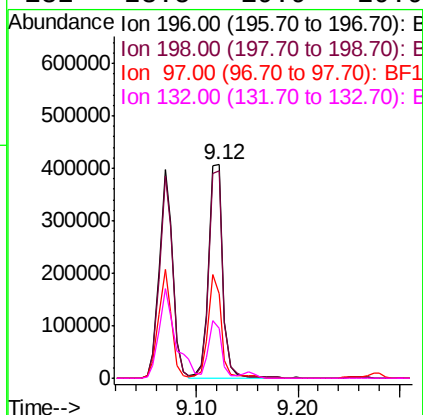
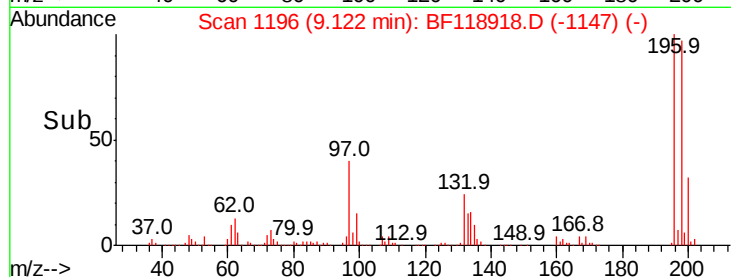
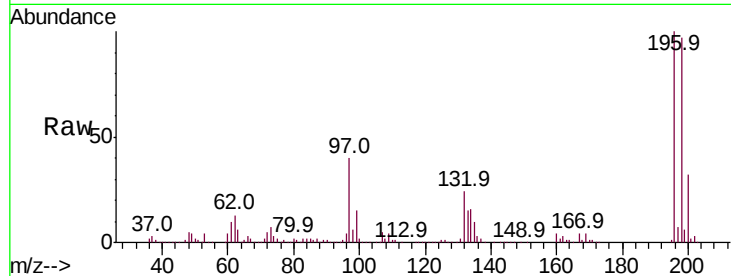
#44
 2,4,5-Trichlorophenol
 Concen: 42.419 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394722		
198	97.3	77.0	115.4	
97	39.8	32.9	49.3	
132	23.5	19.9	29.9	

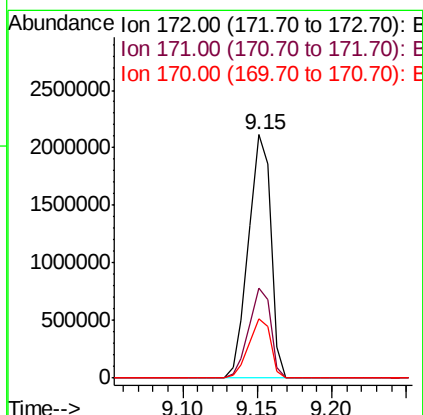
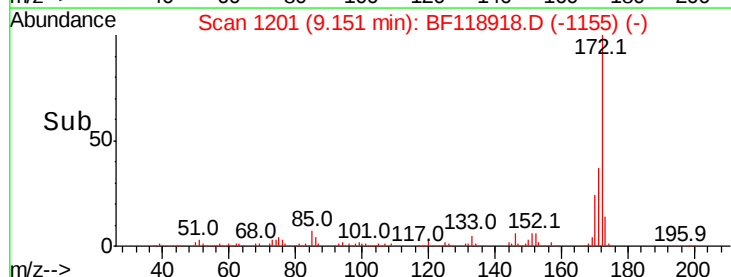
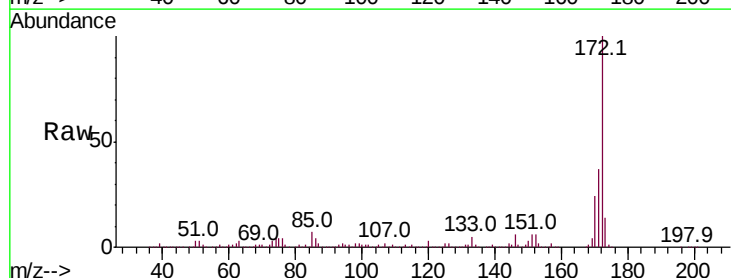
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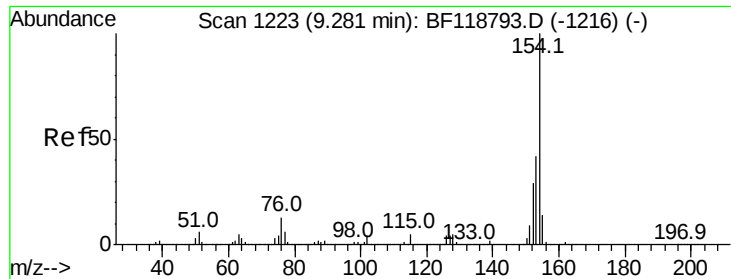
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#45
 2-Fluorobiphenyl
 Concen: 86.638 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2186892		
171	37.0	30.8	46.2	
170	24.4	20.5	30.7	





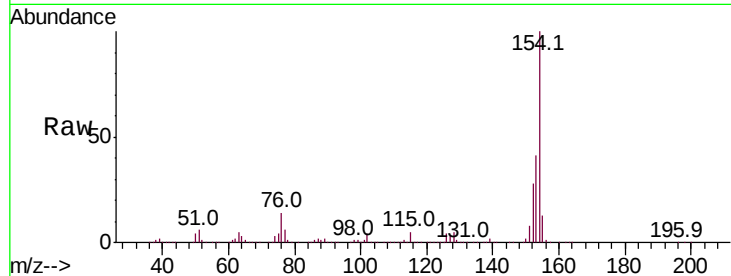
#46
 1,1'-Biphenyl
 Concen: 42.650 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	22.4	62.4
76	13.8	0.0	32.7

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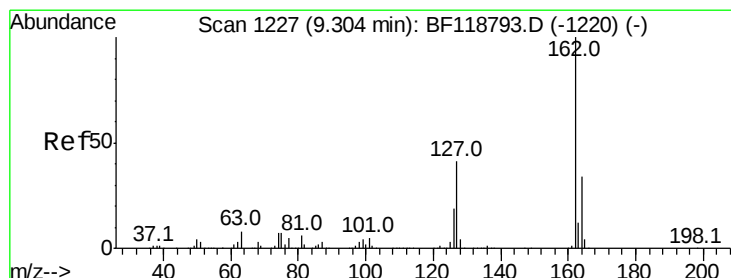
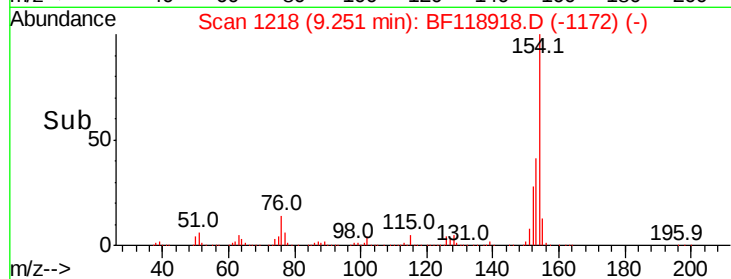
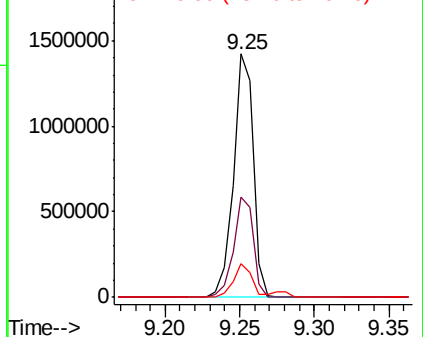


Abundance

Ion 154.00 (153.70 to 154.70): E

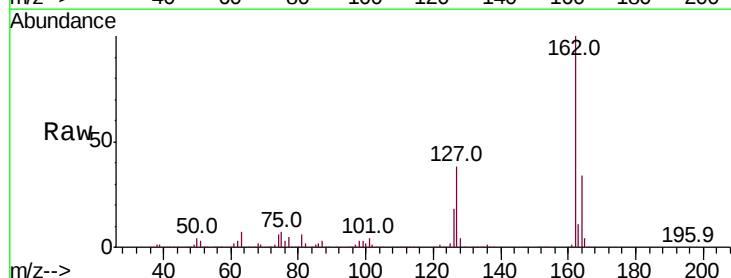
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47
 2-Chloronaphthalene
 Concen: 40.908 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	33.3	49.9
164	33.9	27.1	40.7

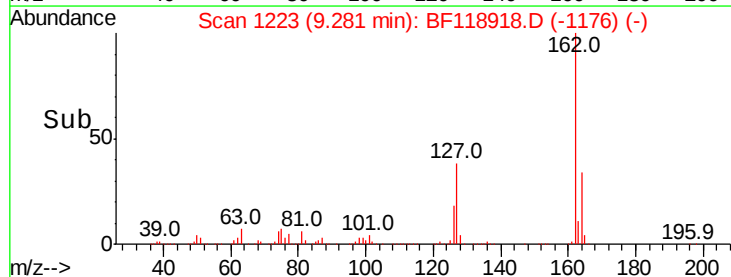
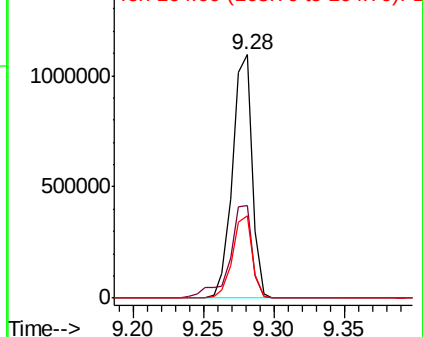


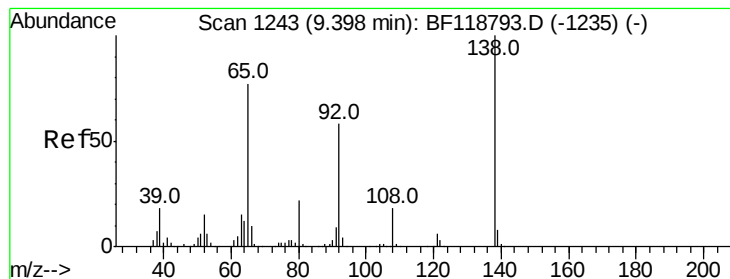
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#48

2-Nitroaniline

Concen: 42.029 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

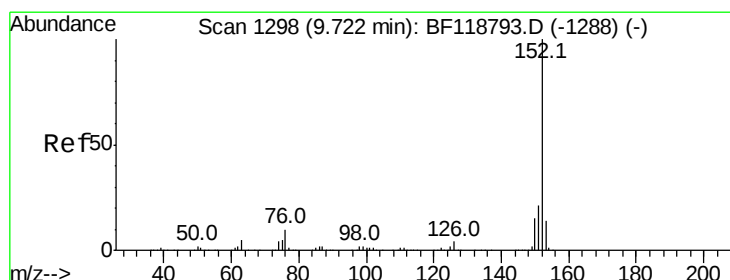
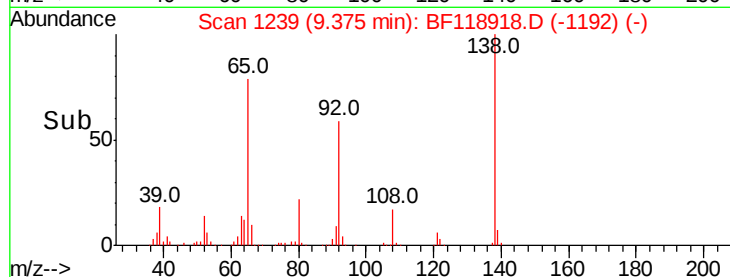
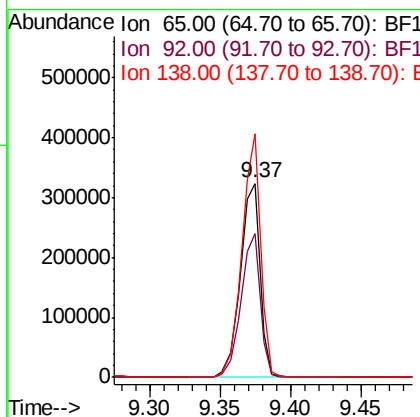
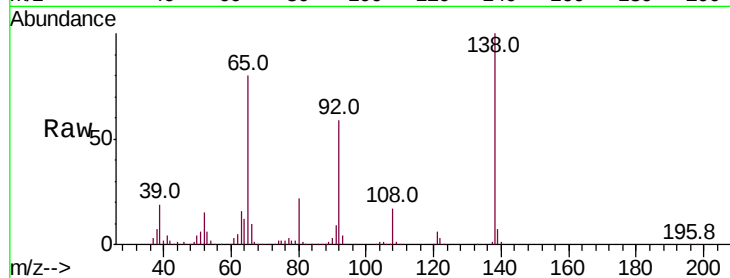
ClientSampleId :

PB126794BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	60.6	91.0
138	125.6	104.6	156.8

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#49

Acenaphthylene

Concen: 43.728 ng

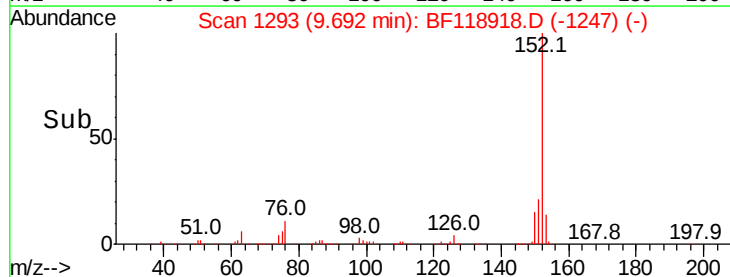
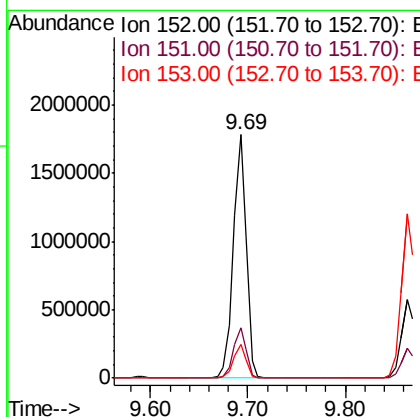
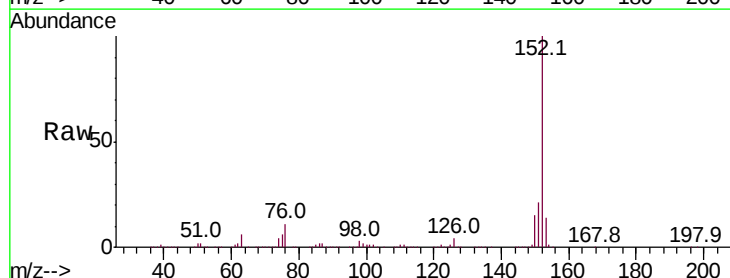
RT: 9.69 min Scan# 1293

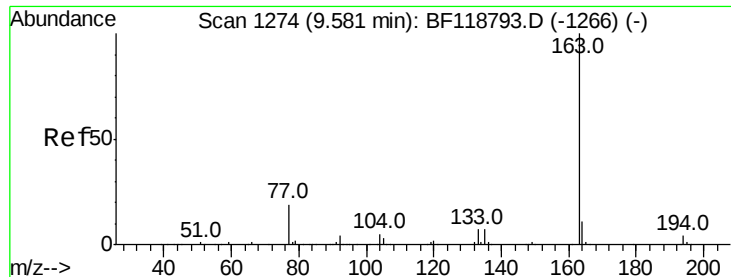
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.7	11.0	16.4





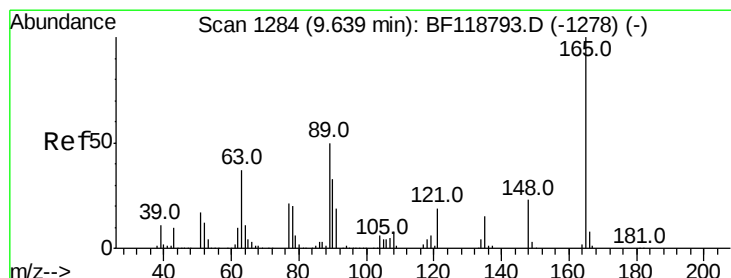
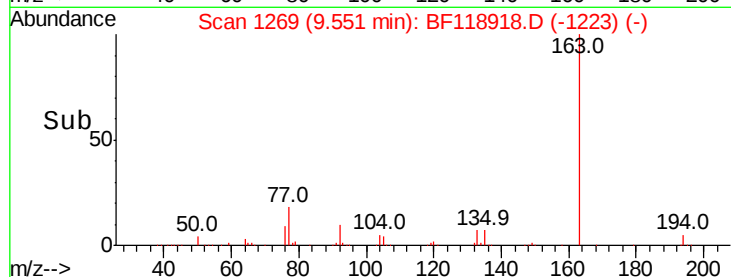
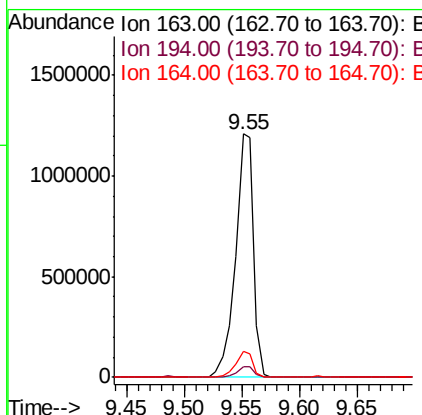
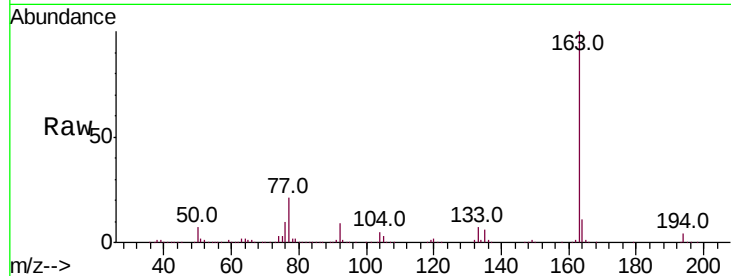
#50
 Dimethylphthalate
 Concen: 42.099 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	163	Resp	1293518
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.5	8.7	13.1

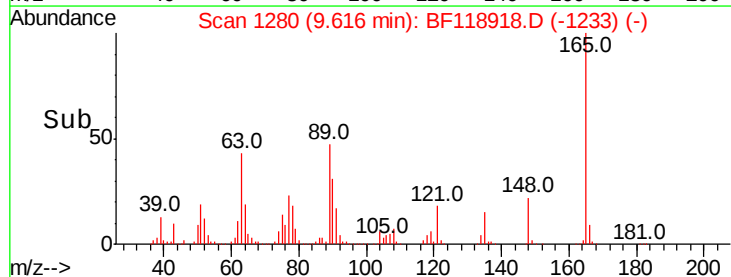
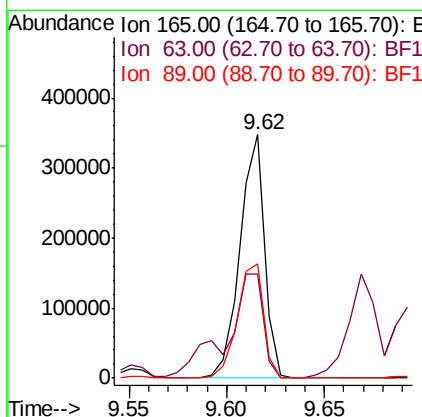
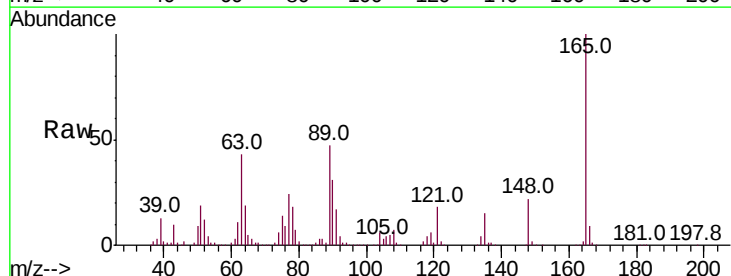
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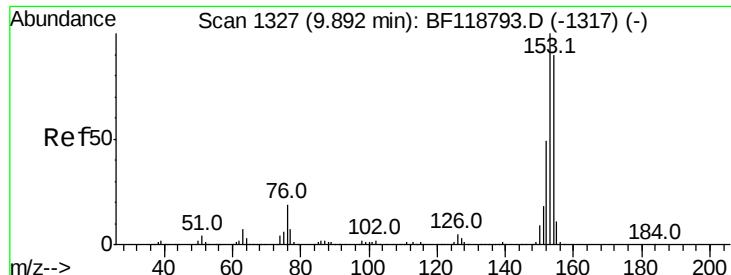
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#51
 2,6-Dinitrotoluene
 Concen: 43.101 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	165	Resp	303012
Ion	Ratio	Lower	Upper
165	100		
63	42.5	37.4	56.0
89	46.9	39.7	59.5





#52

Acenaphthene

Concen: 38.931 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

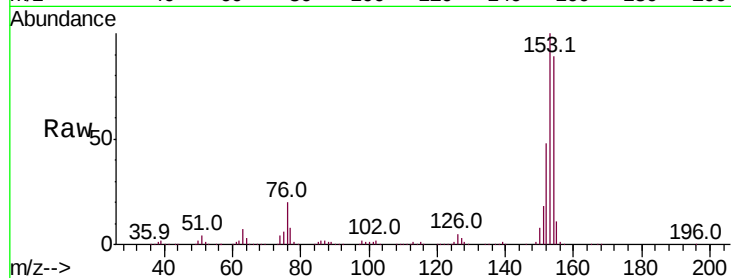
ClientSampleId :

PB126794BS

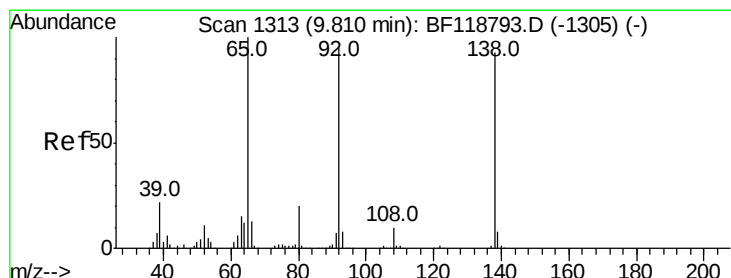
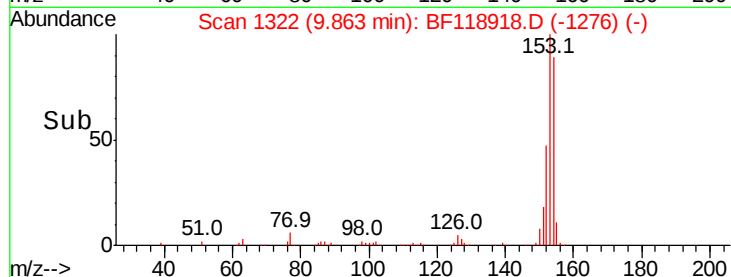
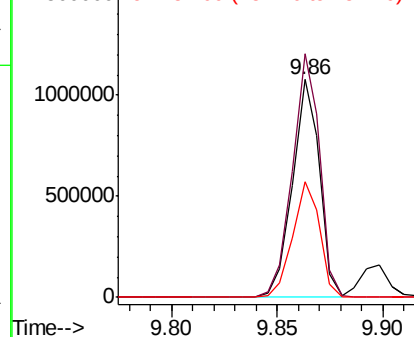
Tot Ion:	154	Resp:	961196
Ion	Ratio	Lower	Upper
154	100		
153	111.9	89.4	134.0
152	53.2	43.6	65.4

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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



#53

3-Nitroaniline

Concen: 29.311 ng

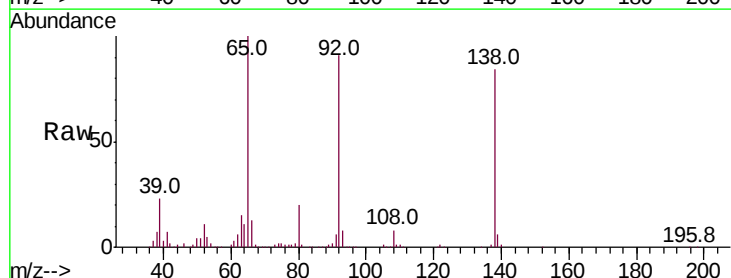
RT: 9.78 min Scan# 1308

Delta R.T. -0.03 min

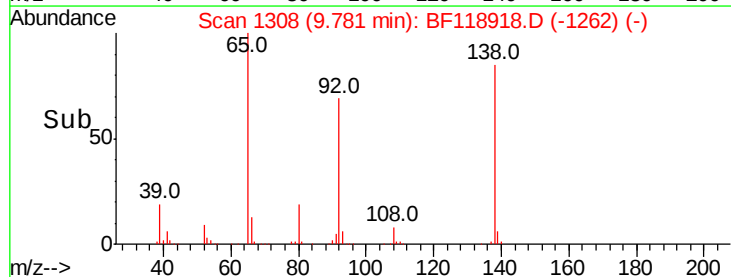
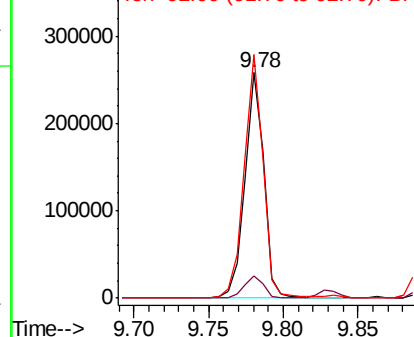
Lab File: BF118918.D

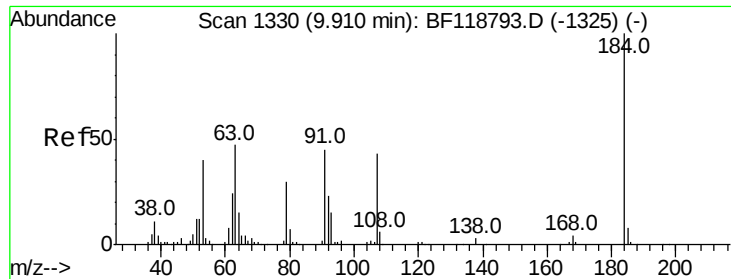
Acq: 13 Feb 2020 14:14

Tgt Ion:	138	Resp:	228529
Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.5	12.7
92	107.9	82.2	123.4



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: 83.888 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

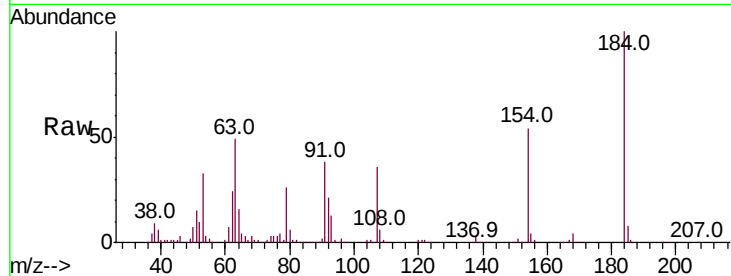
ClientSampleId :

PB126794BS

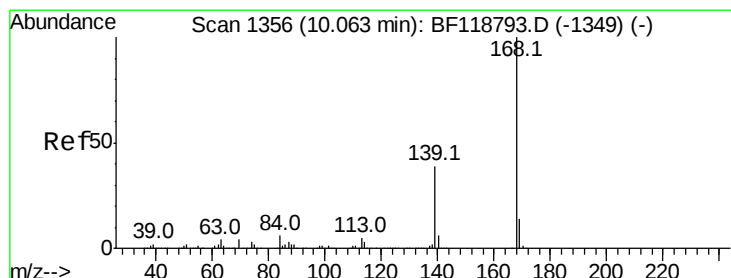
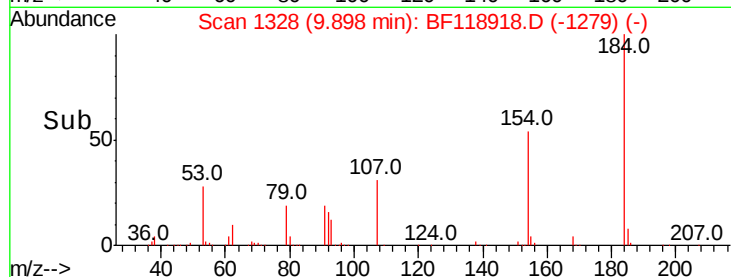
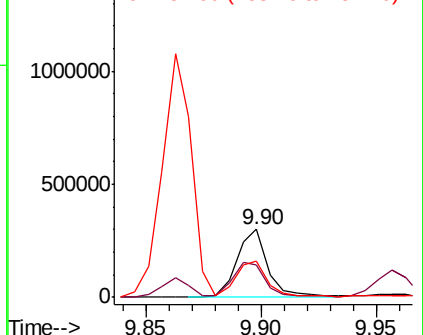
Tot Ion:	184	Resp:	283517
Ion Ratio	Lower	Upper	
184	100		
63	48.7	47.5	71.3
154	54.4	48.6	72.8

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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

Dibenzofuran

Concen: 42.484 ng

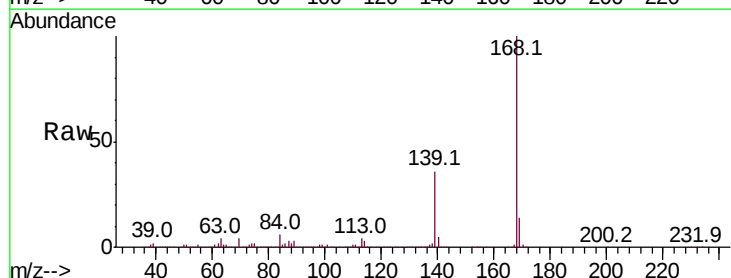
RT: 10.04 min Scan# 1352

Delta R.T. -0.02 min

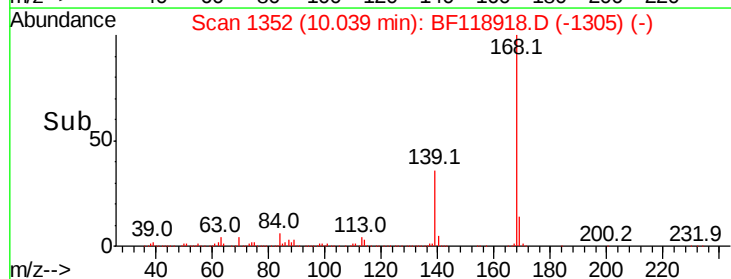
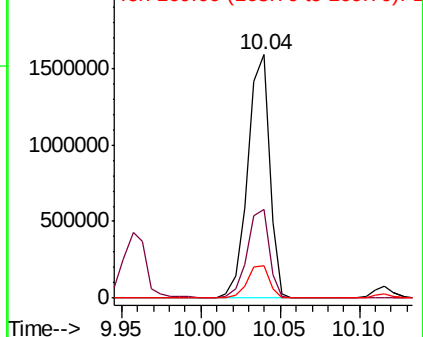
Lab File: BF118918.D

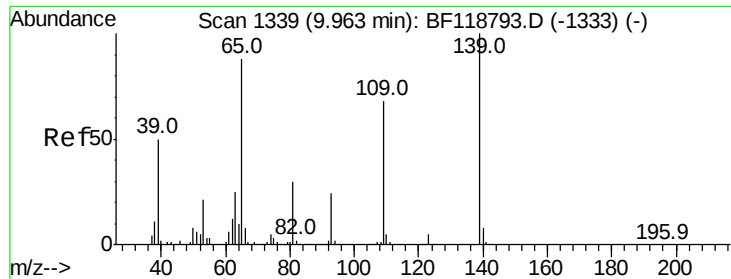
Acq: 13 Feb 2020 14:14

Tgt Ion:	168	Resp:	1515852
Ion Ratio	Lower	Upper	
168	100		
139	36.2	31.6	47.4
169	13.5	11.4	17.2



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





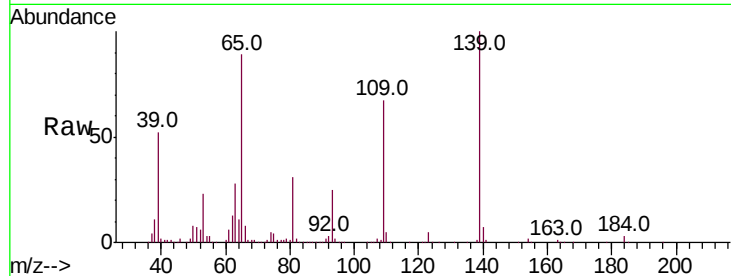
#56
4-Nitrophenol
Concen: 79.519 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.2	48.0	88.0	
65	89.2	68.3	108.3	

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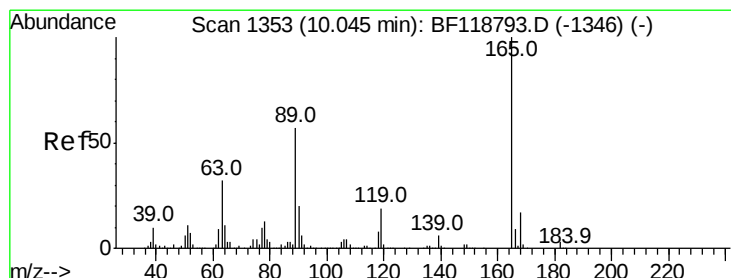
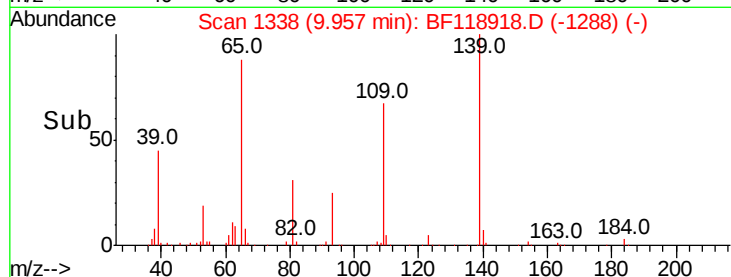
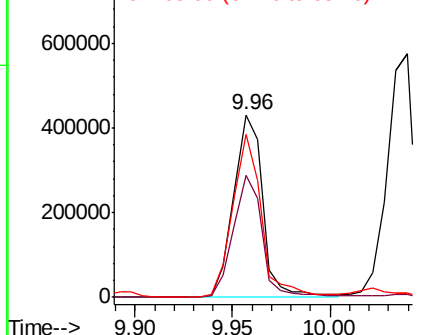


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57
2,4-Dinitrotoluene
Concen: 44.144 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.1	25.5	38.3	
89	62.8	45.4	68.0	
182	2.9	2.4	3.6	

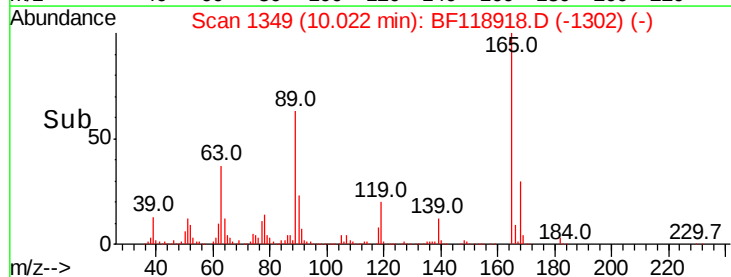
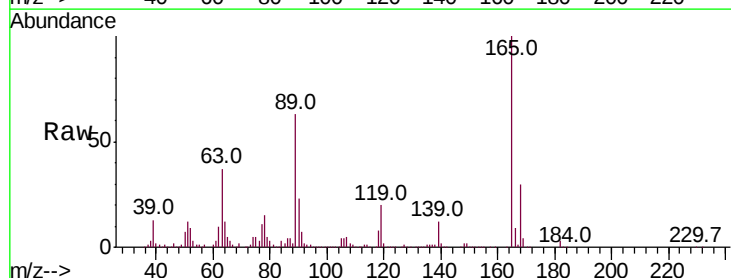
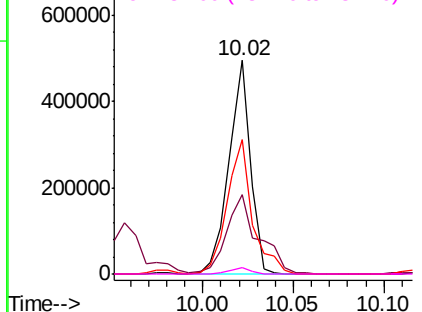
Abundance

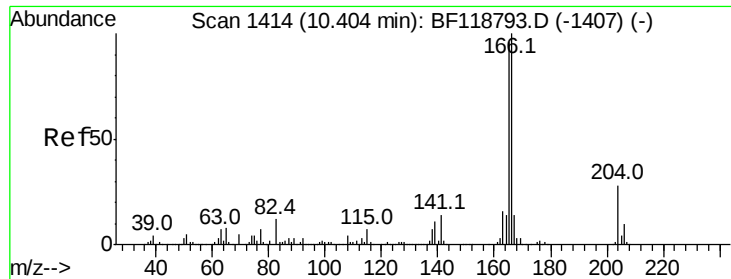
Ion 165.00 (164.70 to 165.70): E

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





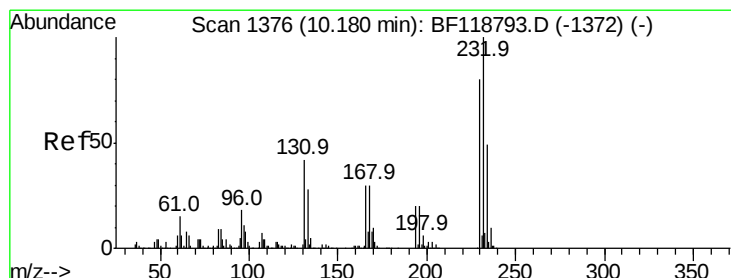
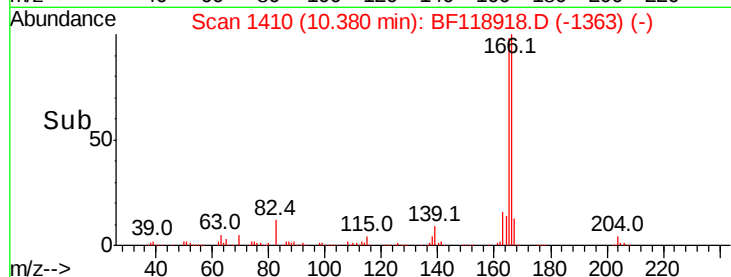
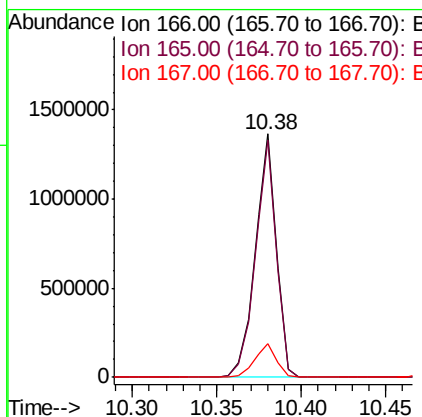
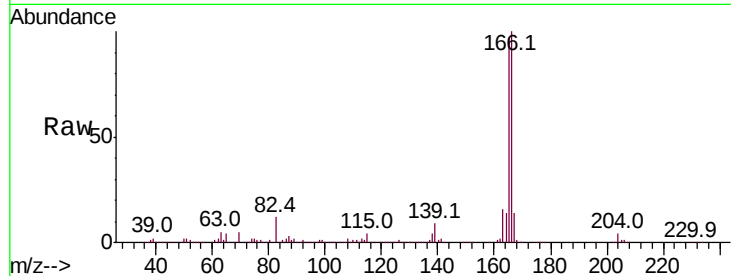
#58
 Fluorene
 Concen: 44.115 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.0	115.6
167	13.7	11.1	16.7

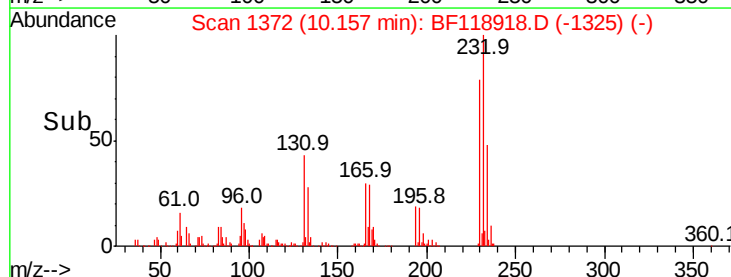
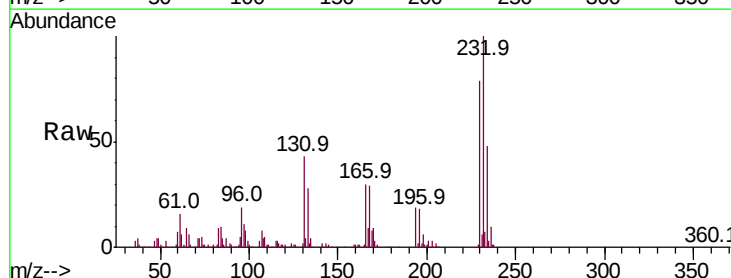
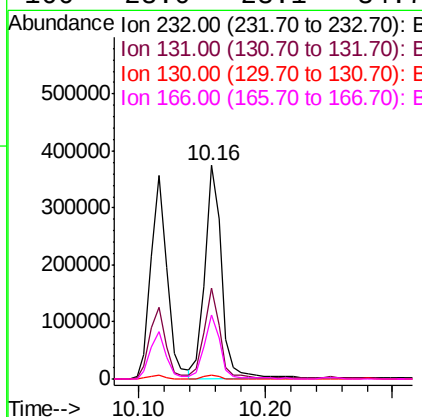
Manual Integrations
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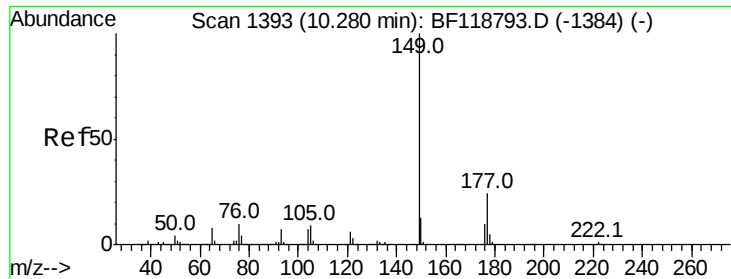
mohammad
 2/17/2020 3:46:01 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.236 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.8	47.6
130	2.0	1.6	2.4
166	28.0	23.1	34.7





#60

Diethylphthalate

Concen: 42.143 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

ClientSampleId :

PB126794BS

Tot Ion:149 Resp: 1259085

Ion Ratio Lower Upper

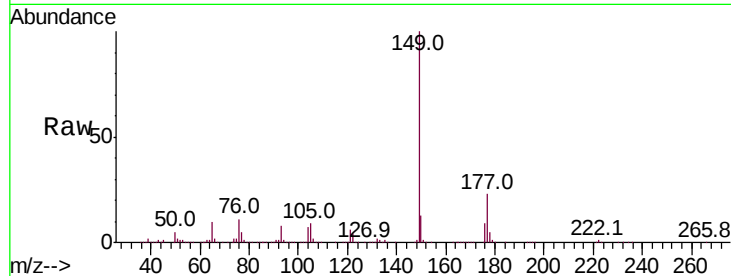
149 100

177 23.5 19.3 28.9

150 13.0 10.4 15.6

Manual Integrations
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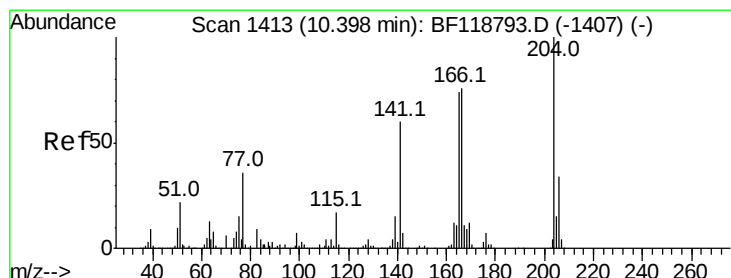
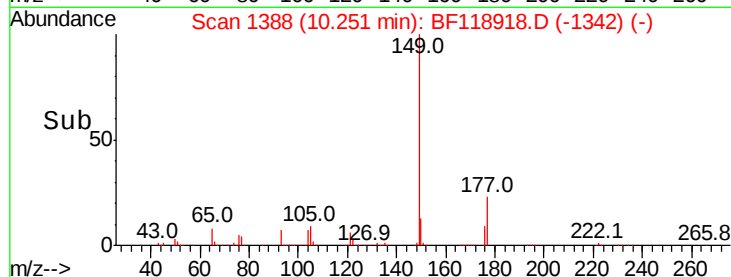
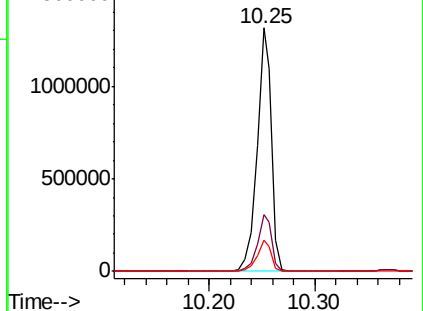
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 41.682 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

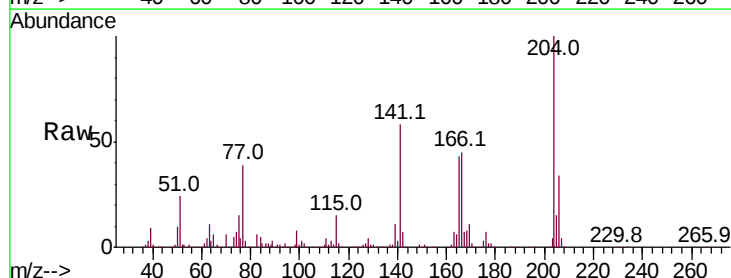
Tgt Ion:204 Resp: 606794

Ion Ratio Lower Upper

204 100

206 34.0 27.4 41.2

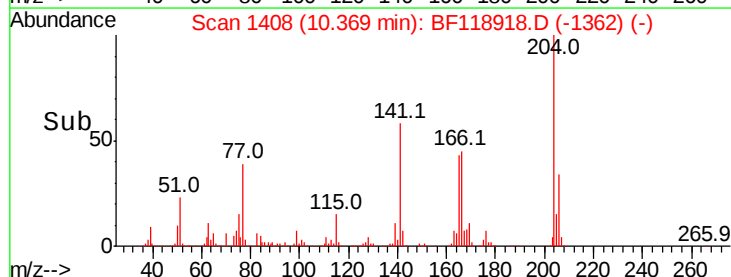
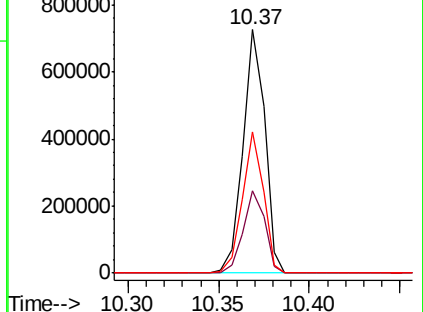
141 58.1 47.8 71.6

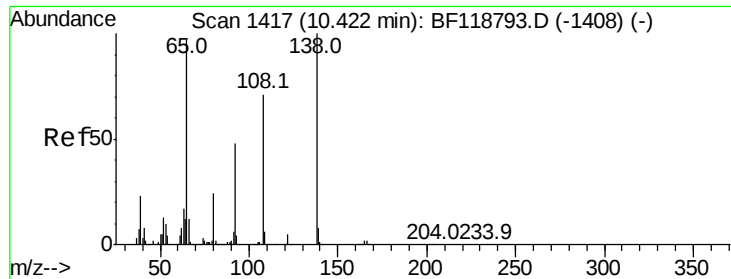


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 40.103 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

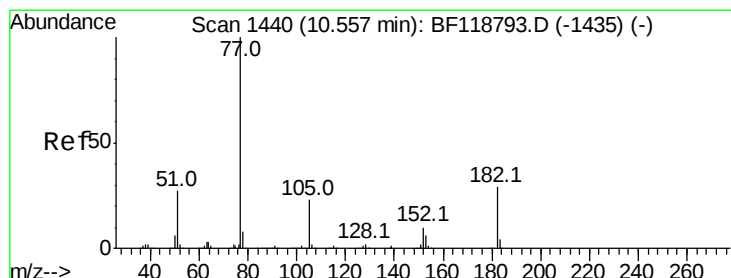
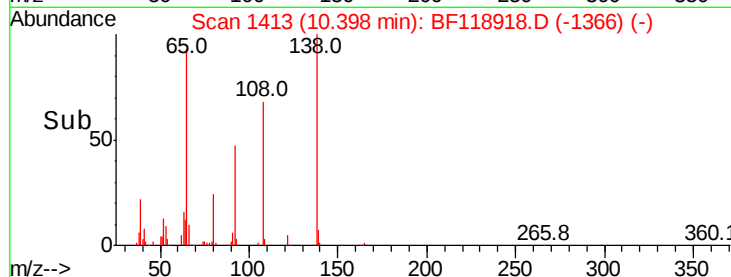
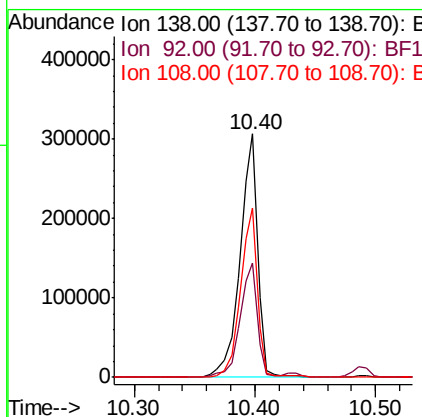
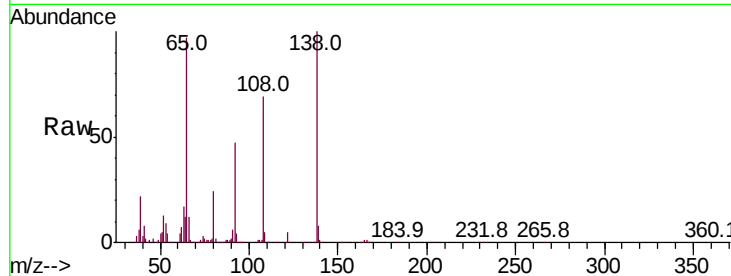
ClientSampleId :

PB126794BS

Tot Ion:	138	Resp:	313117
Ion Ratio	Lower	Upper	
138	100		
92	47.1	27.6	67.6
108	69.5	51.3	91.3

Manual Integrations
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#63

Azobenzene

Concen: 44.475 ng

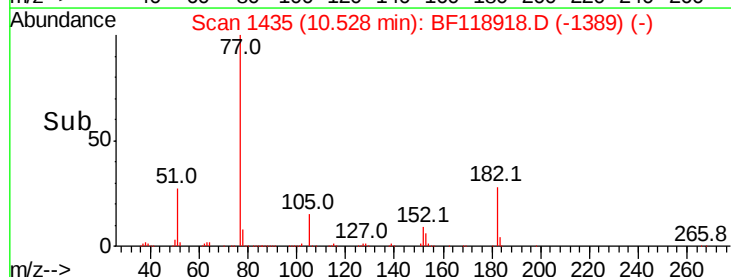
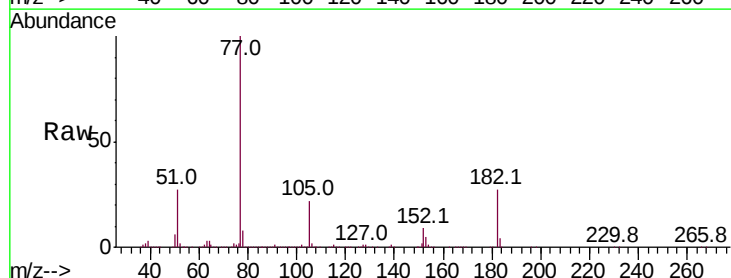
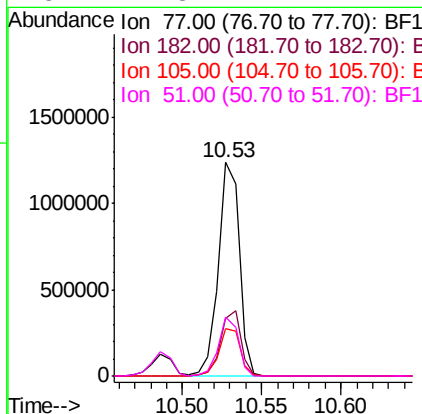
RT: 10.53 min Scan# 1435

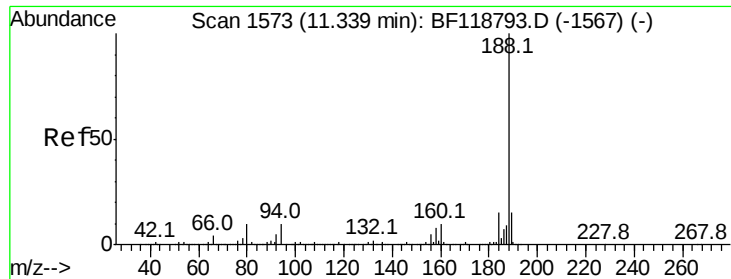
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	77	Resp:	1134410
Ion Ratio	Lower	Upper	
77	100		
182	26.7	9.2	49.2
105	22.3	3.1	43.1
51	27.3	7.4	47.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

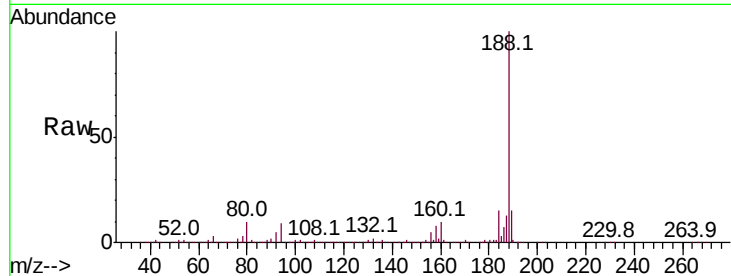
ClientSampleId :

PB126794BS

Tot Ion:	188	Resp:	924345
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.9	11.9
80	9.7	8.4	12.6

Manual Integrations
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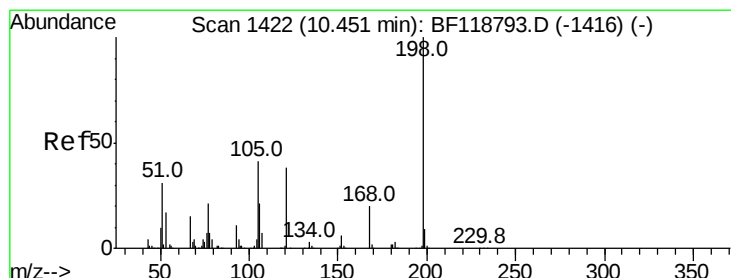
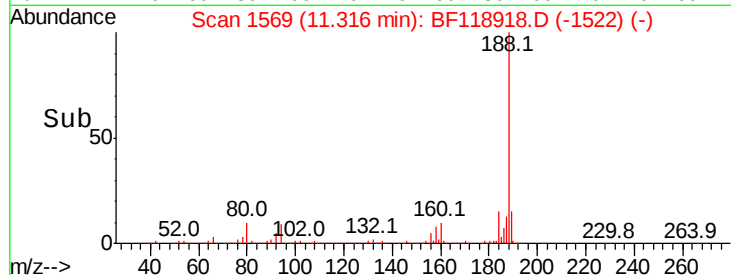
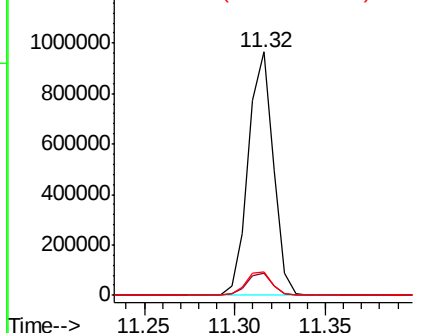
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 43.702 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BF118918.D

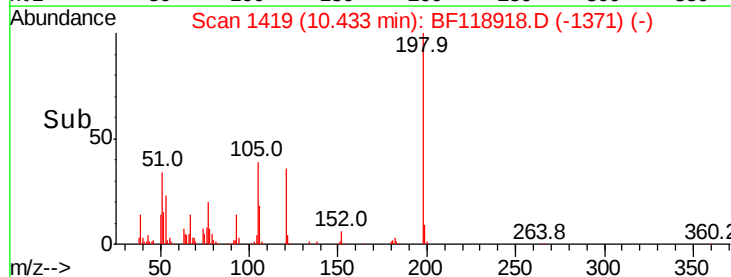
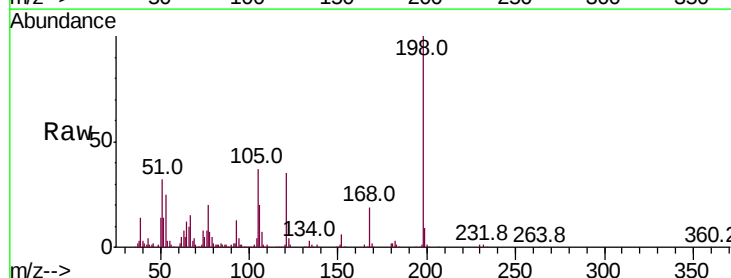
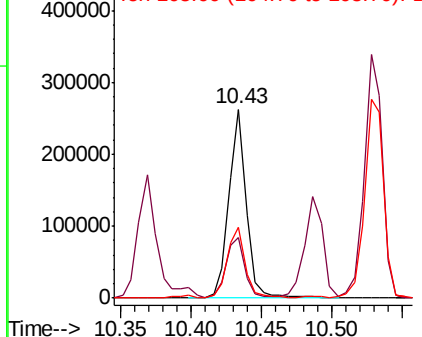
Acq: 13 Feb 2020 14:14

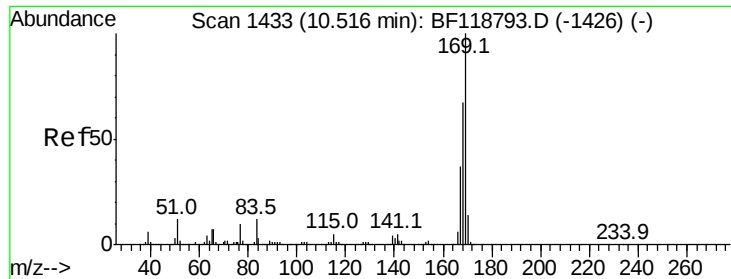
Tgt Ion:	198	Resp:	226990
Ion Ratio	Lower	Upper	
198	100		
51	32.4	16.7	56.7
105	37.5	22.0	62.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





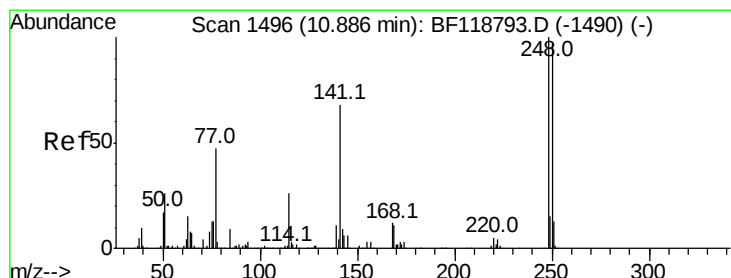
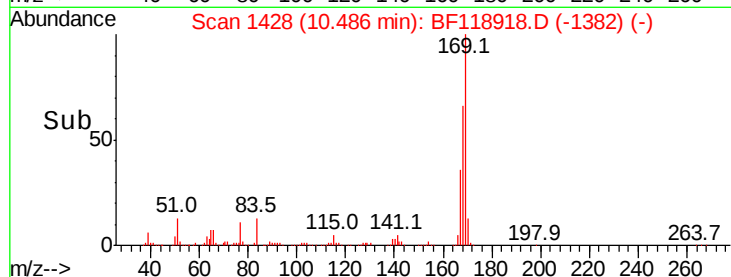
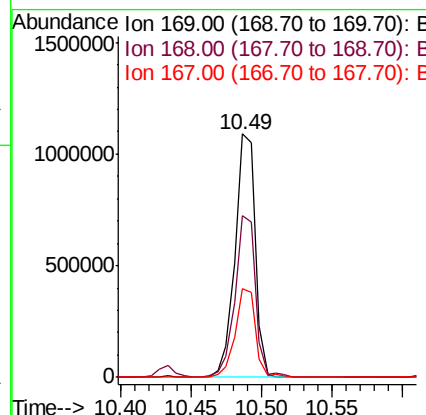
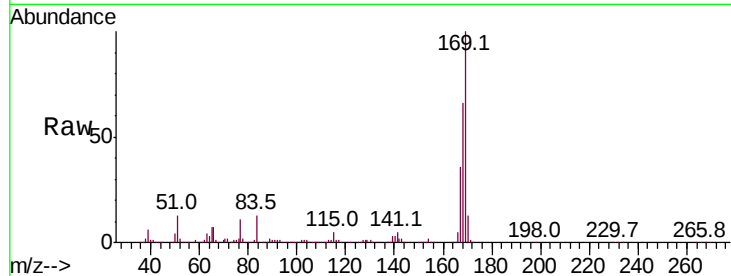
#66
n-Nitrosodiphenylamine
Concen: 40.591 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	66.3	53.5	80.3	
167	36.2	29.3	43.9	

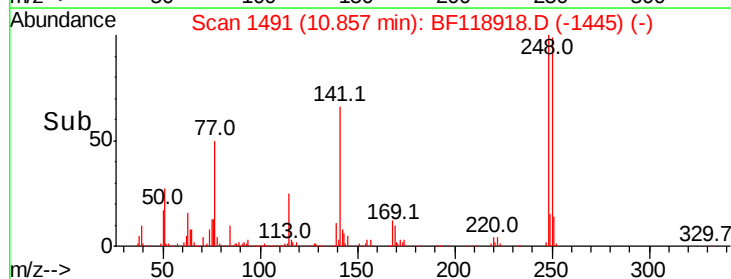
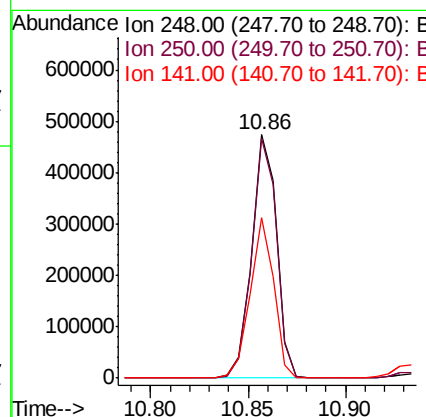
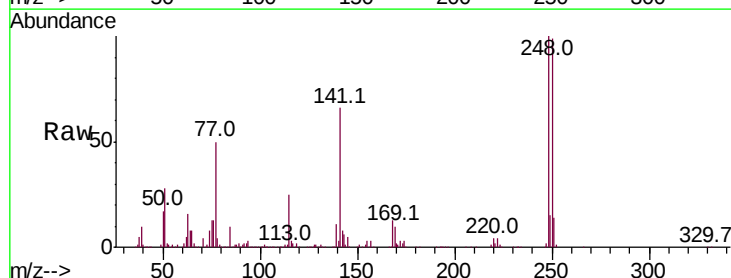
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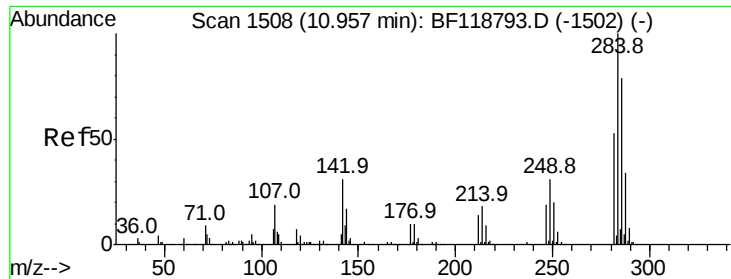
mohammad
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#67
4-Bromophenyl-phenylether
Concen: 38.241 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	98.6	77.6	116.4	
141	65.7	54.4	81.6	





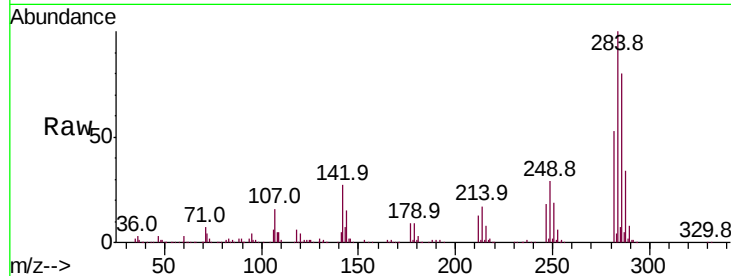
#68
Hexachlorobenzene
Concen: 37.430 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

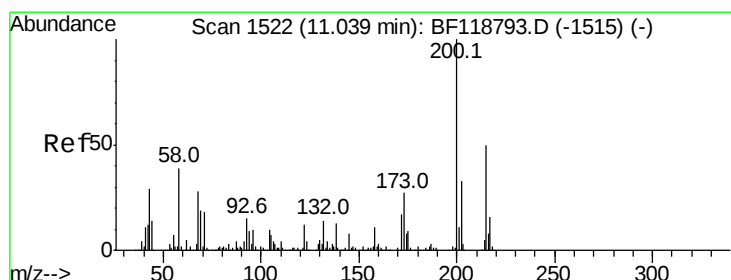
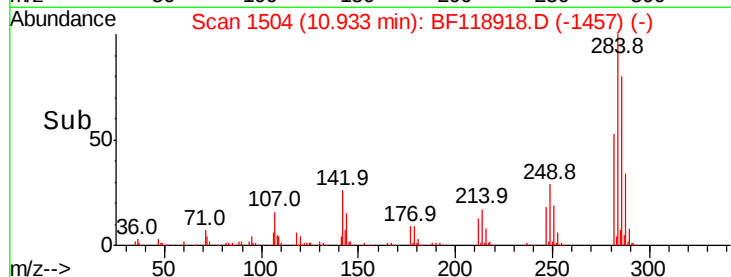
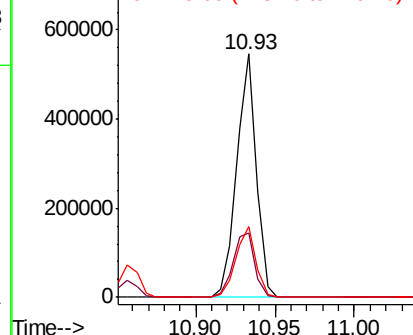
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.5	24.5	36.7	
249	29.1	24.7	37.1	

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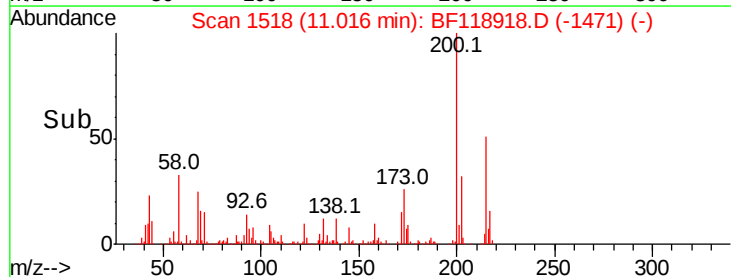
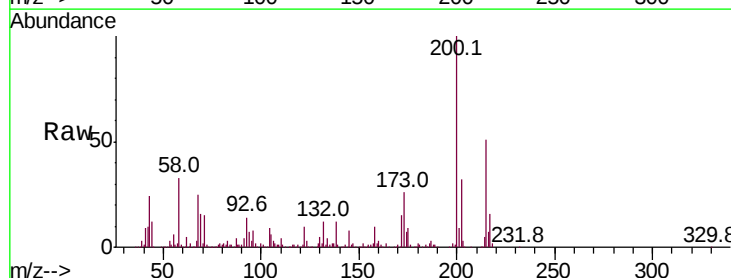
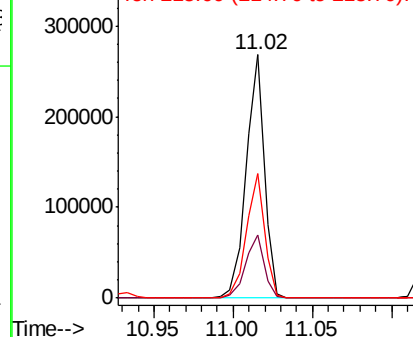
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

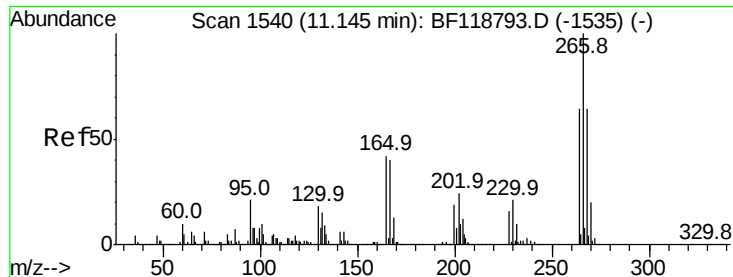


#69
Atrazine
Concen: 23.974 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.9	7.5	47.5	
215	50.9	29.9	69.9	

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





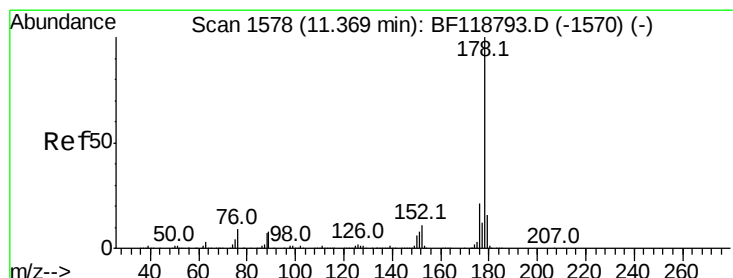
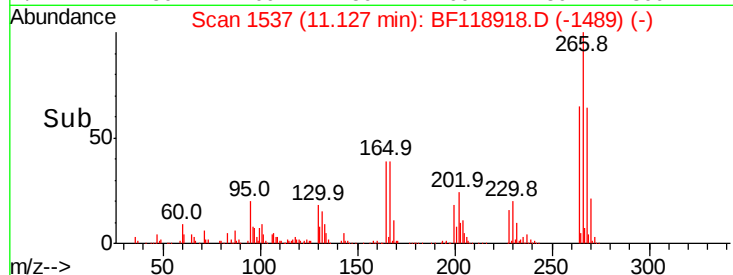
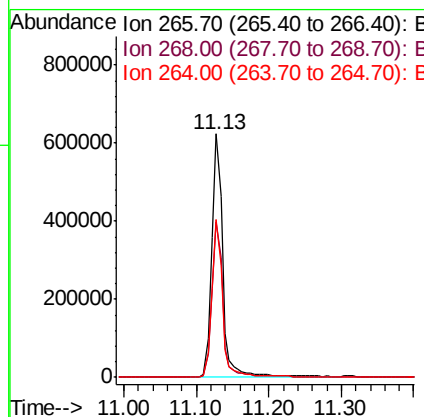
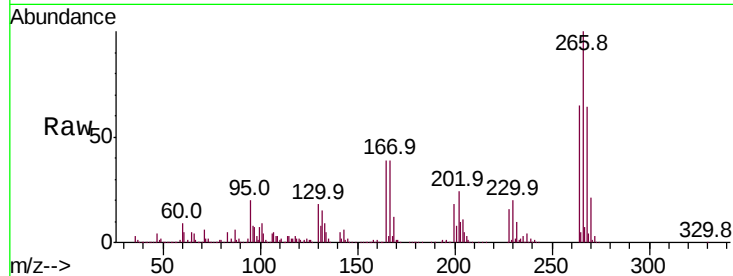
#70
 Pentachlorophenol
 Concen: 100.426 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.7	51.0	76.6	
264	64.7	51.4	77.2	

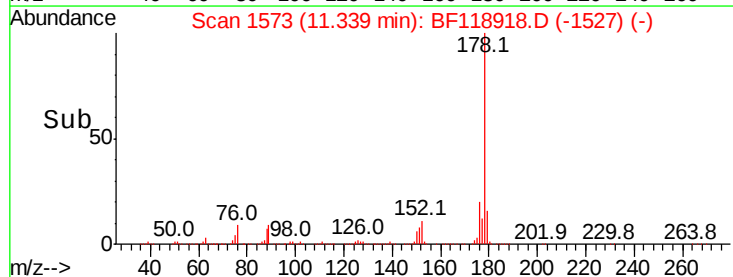
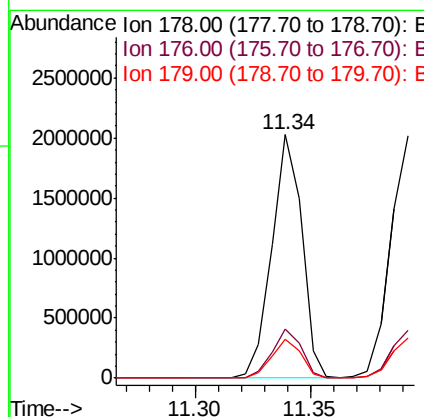
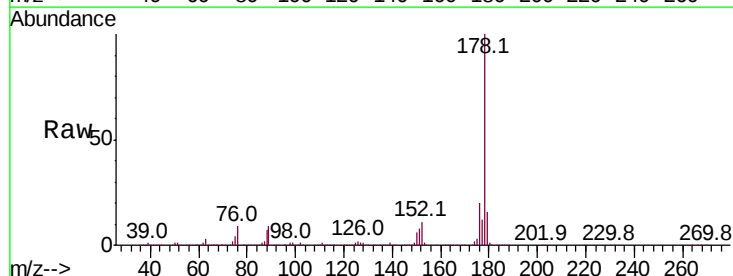
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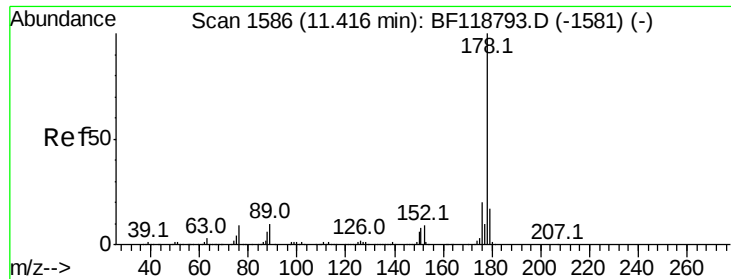
mohammad
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#71
 Phenanthrene
 Concen: 40.427 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.1	16.6	24.8	
179	16.1	13.2	19.8	





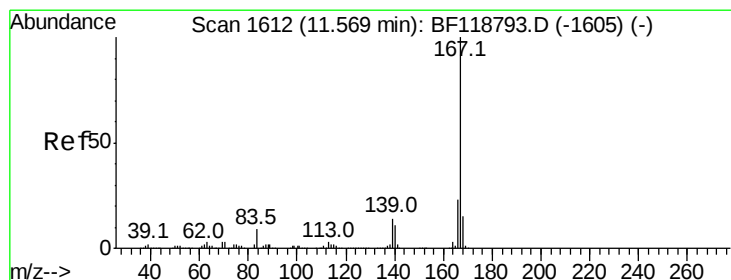
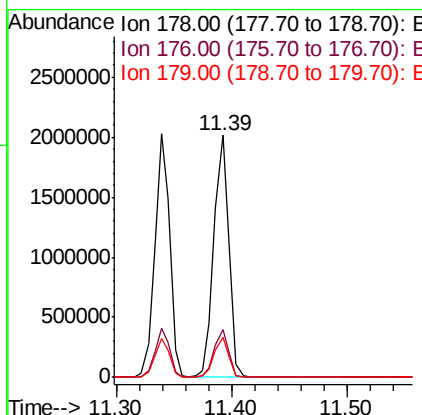
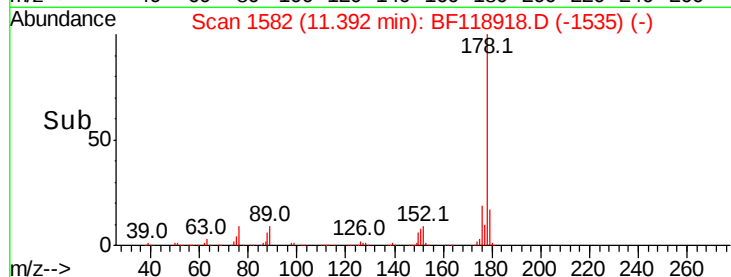
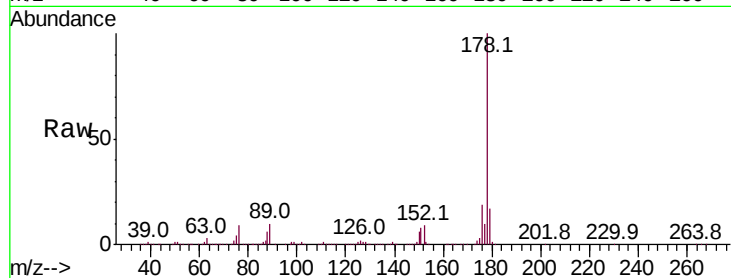
#72
 Anthracene
 Concen: 40.151 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampled :
 PB126794BS

Tot Ion:178 Resp: 1816574
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.2
 179 16.6 13.4 20.2

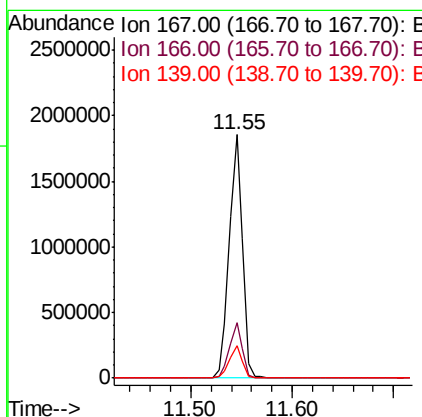
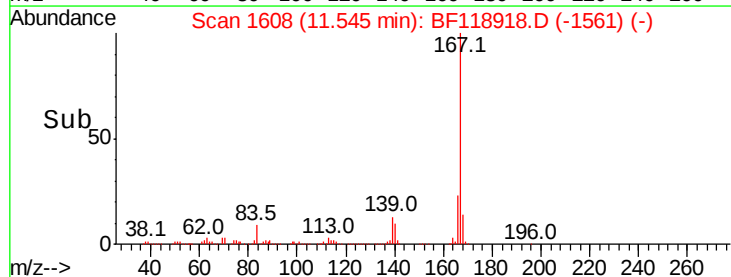
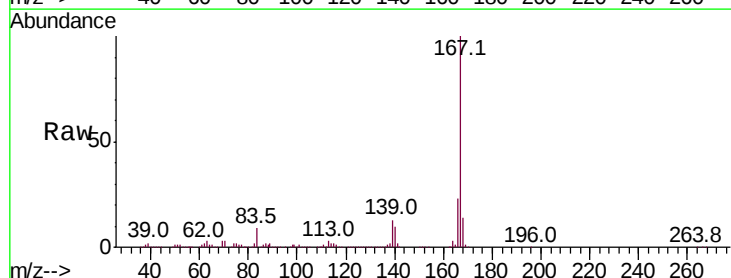
Manual Integrations
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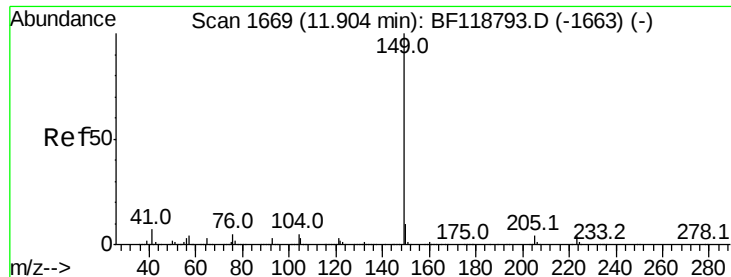
mohammad
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#73
 Carbazole
 Concen: 42.633 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.02 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion:167 Resp: 1692779
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.4 27.6
 139 13.2 11.1 16.7





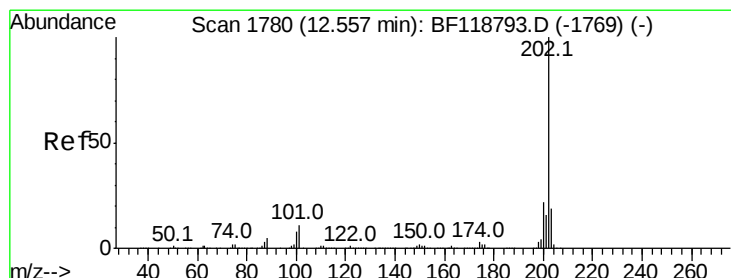
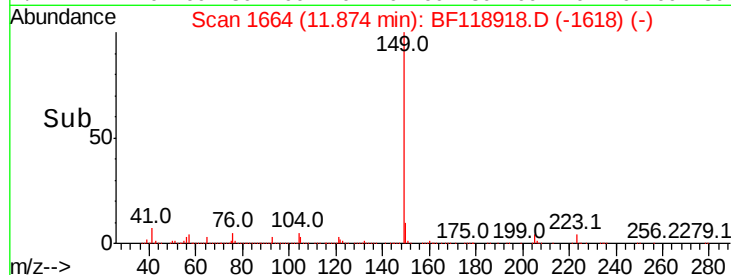
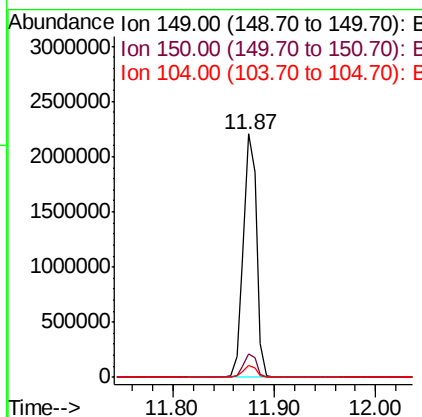
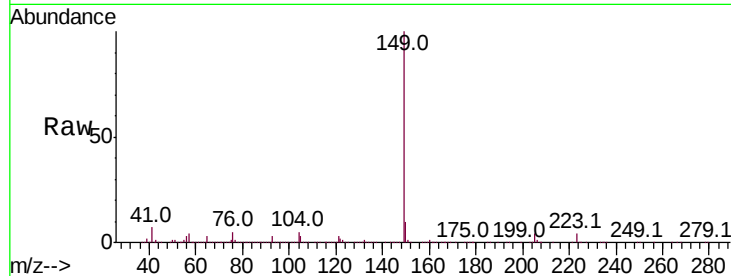
#74
Di-n-butylphthalate
Concen: 39.459 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	5.1	4.3	6.5

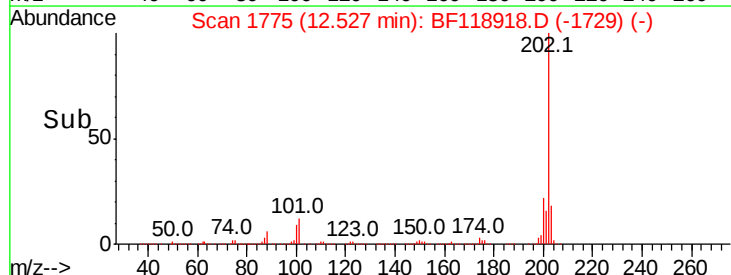
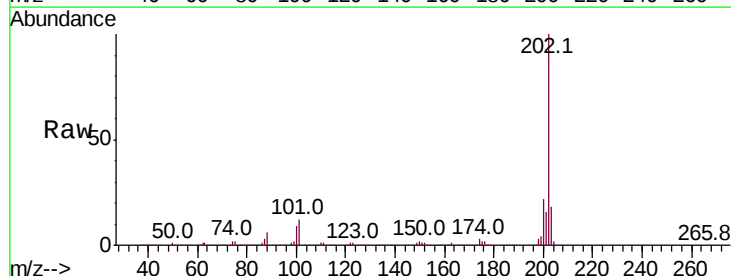
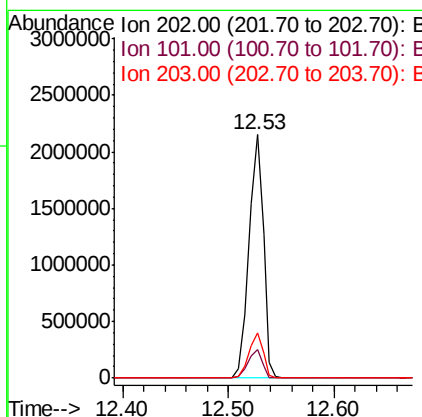
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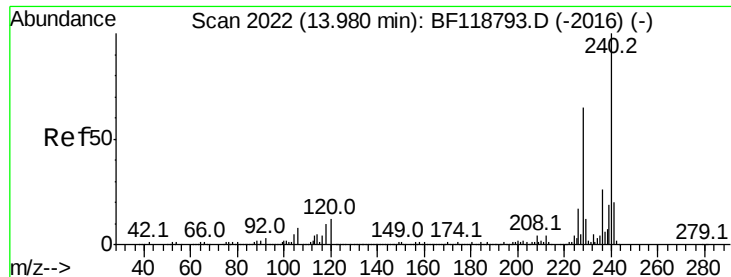
mohammad
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#75
Fluoranthene
Concen: 41.174 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	18.5	0.0	38.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

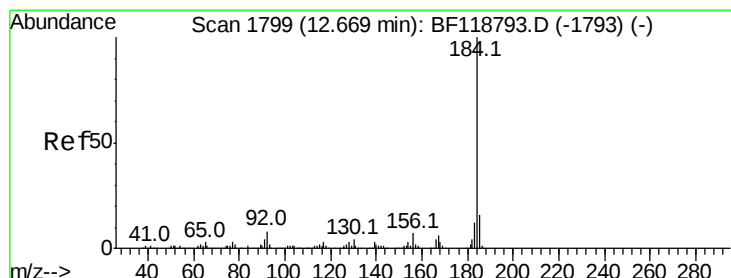
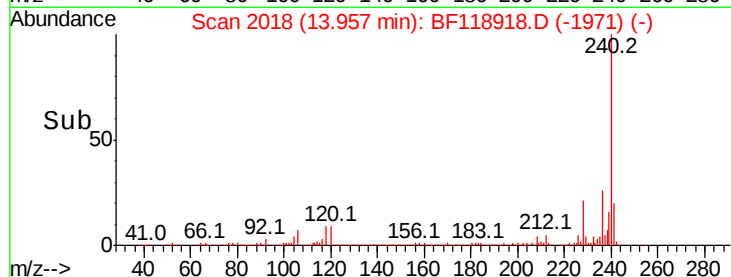
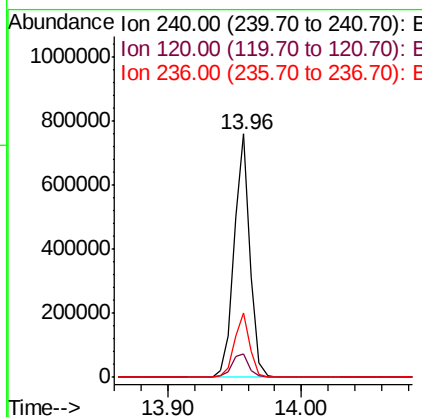
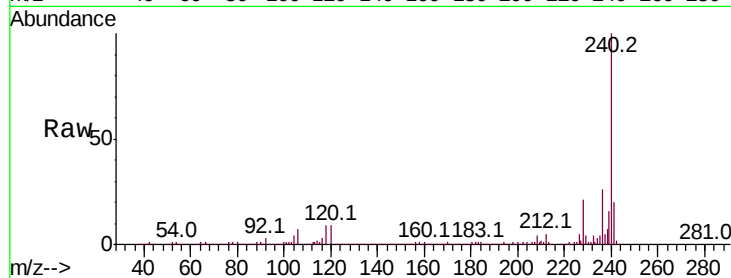
ClientSampleId :

PB126794BS

Tot Ion:	240	Resp:	630002
Ion Ratio	Lower	Upper	
240	100		
120	9.4	9.4	14.0
236	26.5	21.0	31.6

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#77

Benzidine

Concen: 14.189 ng

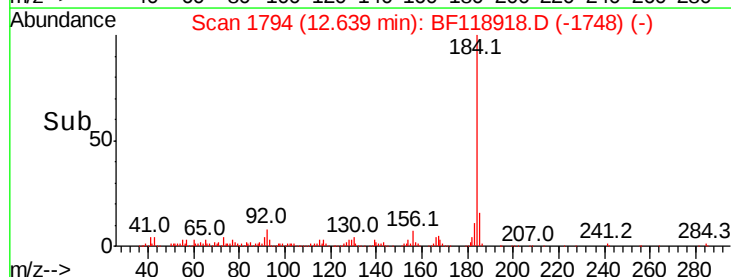
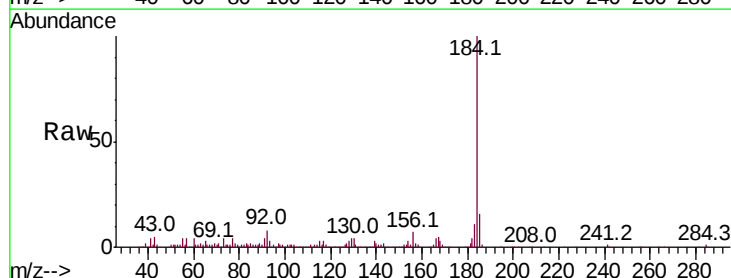
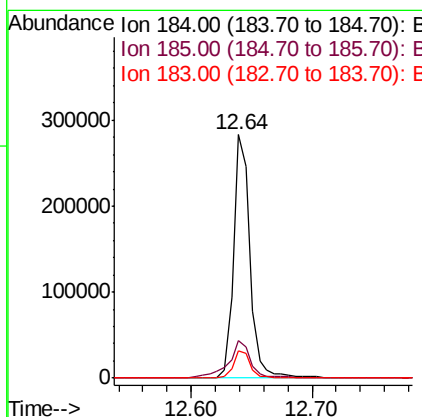
RT: 12.64 min Scan# 1794

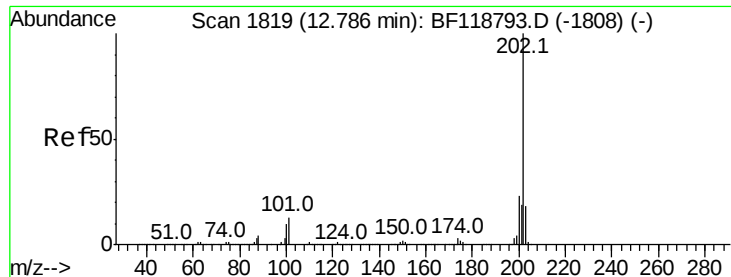
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	184	Resp:	270365
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.5	18.7
183	11.3	9.7	14.5





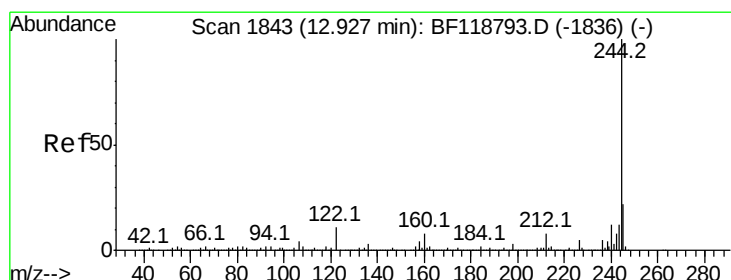
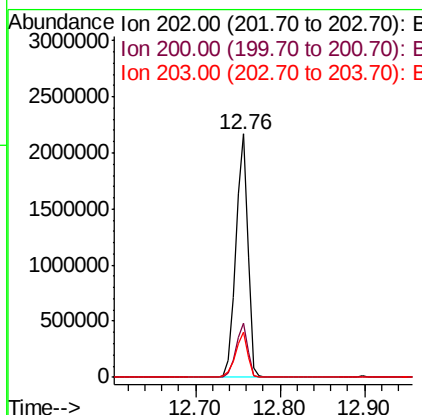
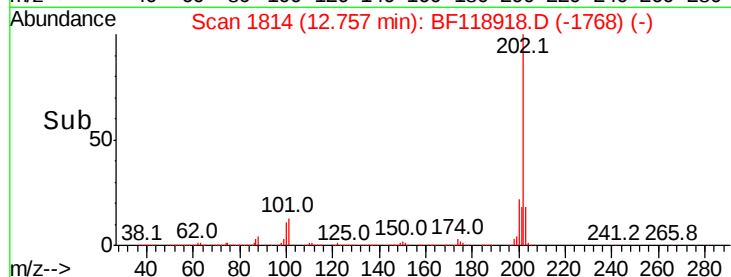
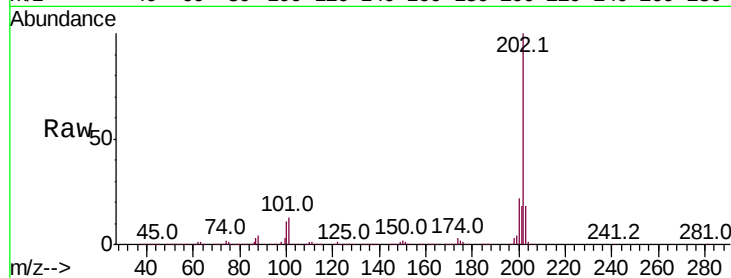
#78
Pvrene
Concen: 47.888 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion:202 Resp: 2069701
Ion Ratio Lower Upper
202 100
200 22.1 18.2 27.2
203 18.4 14.8 22.2

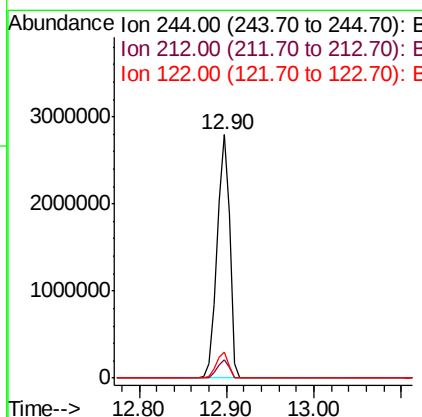
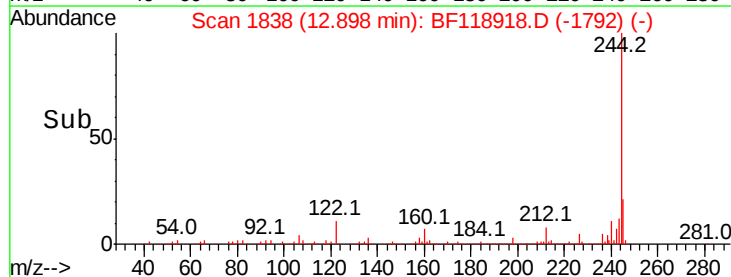
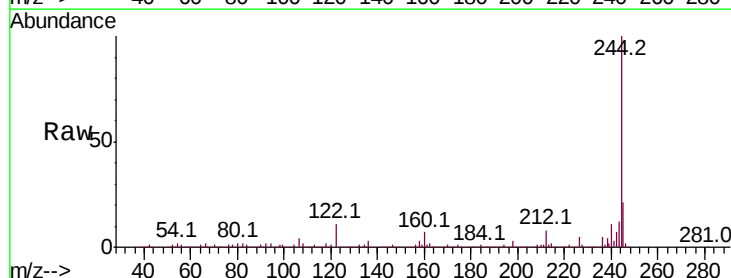
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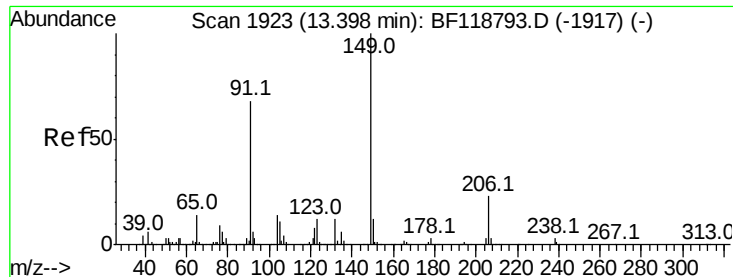
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#79
Terphenyl-d14
Concen: 91.377 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:244 Resp: 2802650
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.7 8.9 13.3





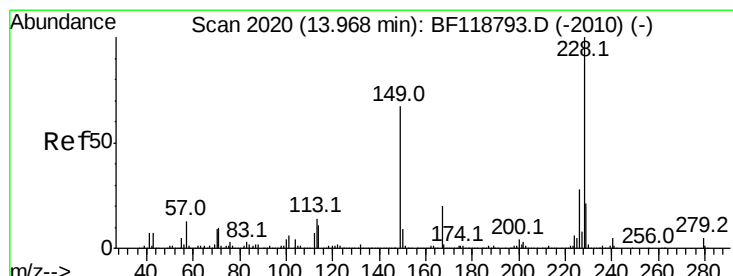
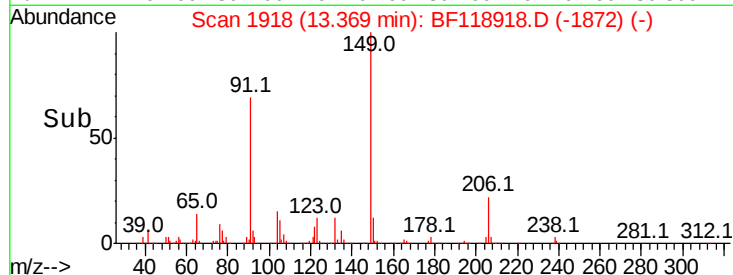
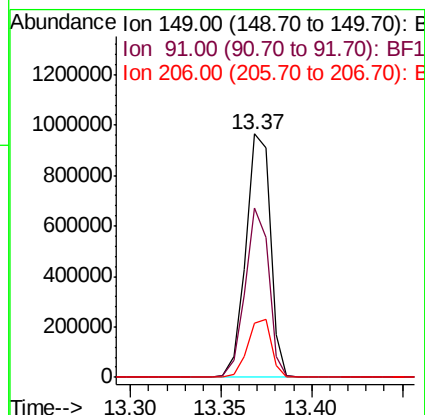
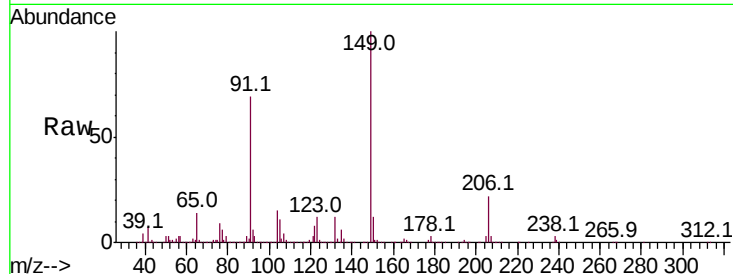
#80
Butylbenzylphthalate
Concen: 46.004 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion:	149	Resp:	907520
Ion Ratio	Lower	Upper	
149	100		
91	69.5	54.7	82.1
206	22.3	18.5	27.7

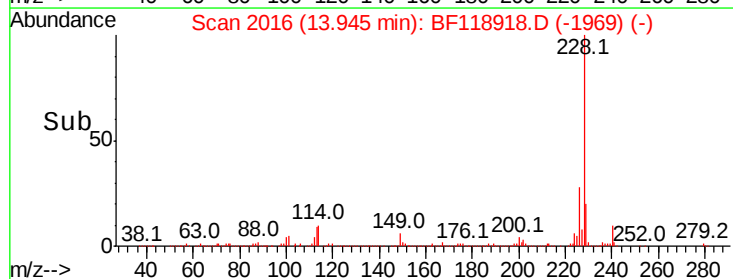
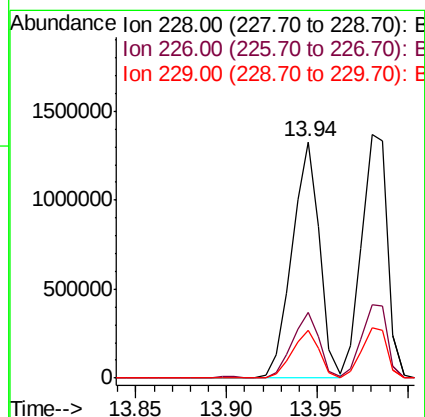
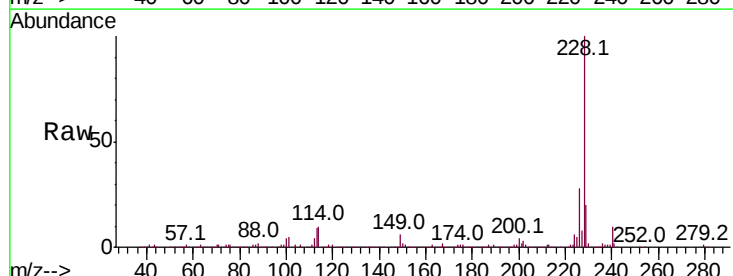
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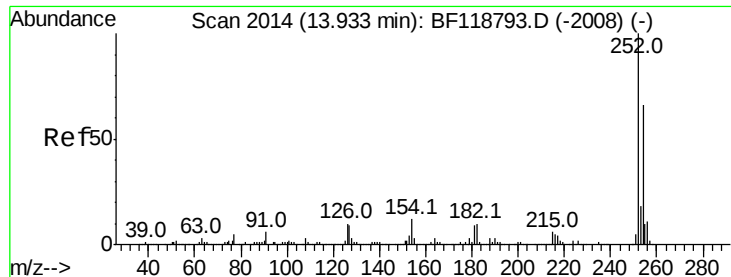
mohammad
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#81
Benzo(a)anthracene
Concen: 37.607 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:	228	Resp:	1409862
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.7	34.1
229	20.2	16.6	25.0





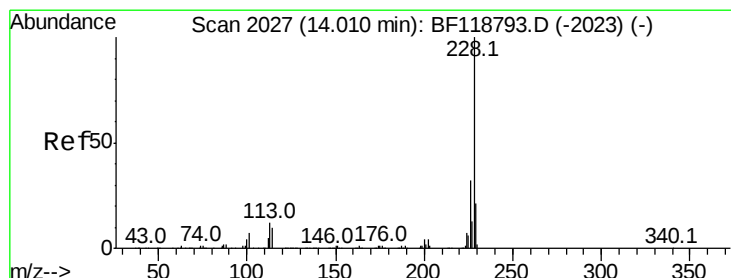
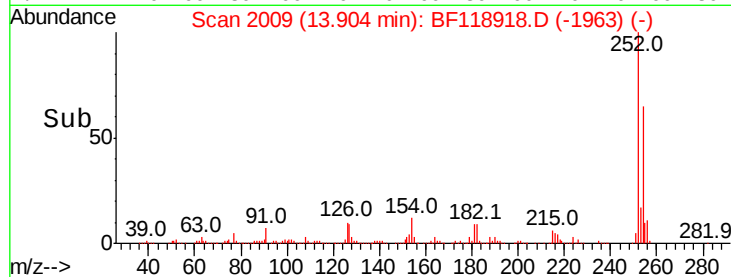
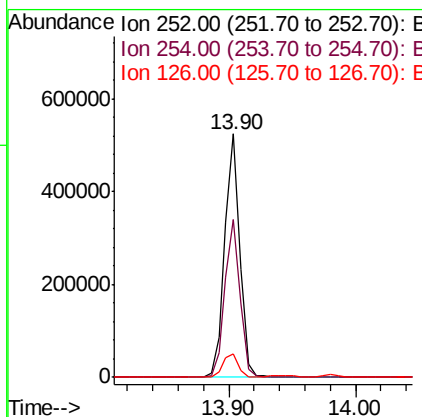
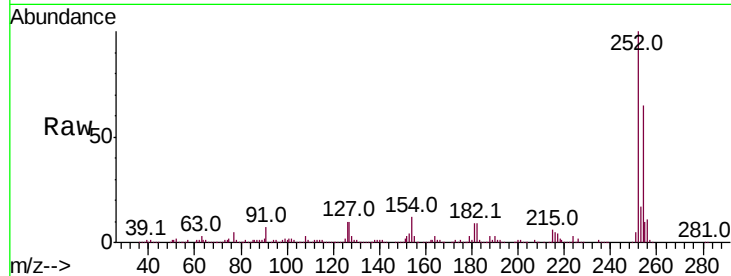
#82
 3,3'-Dichlorobenzidine
 Concen: 28.348 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.4	78.6
126	9.6	7.8	11.8

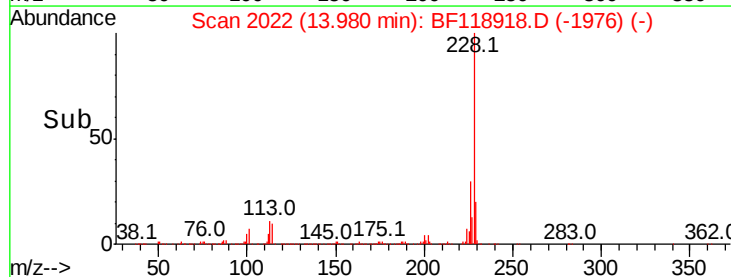
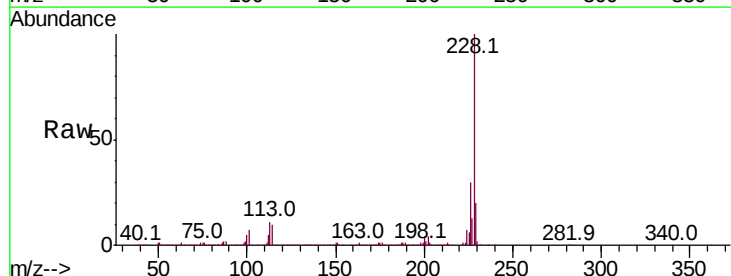
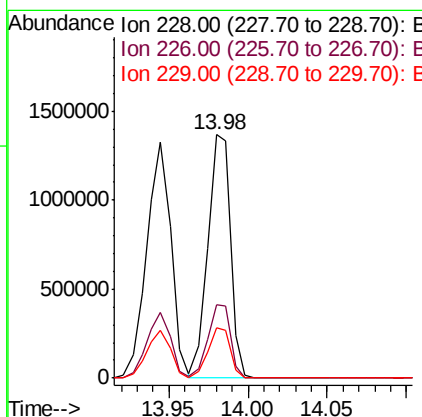
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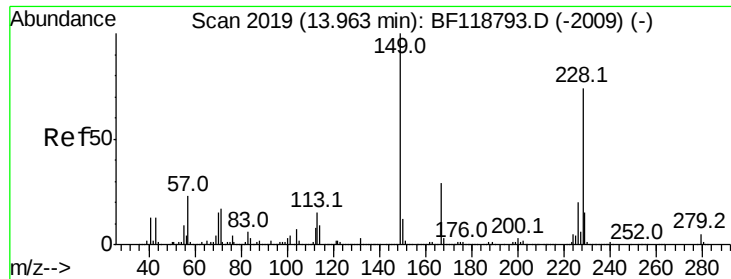
mohammad
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#83
 Chrysene
 Concen: 36.394 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	20.5	16.9	25.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 35.437 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

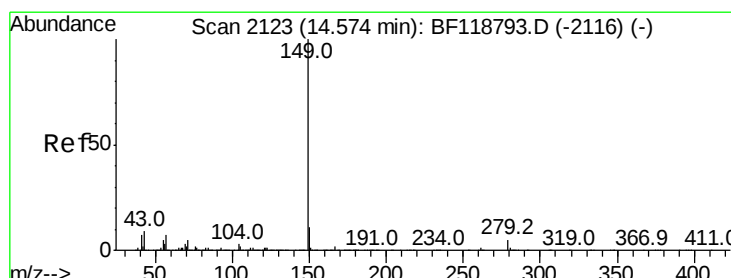
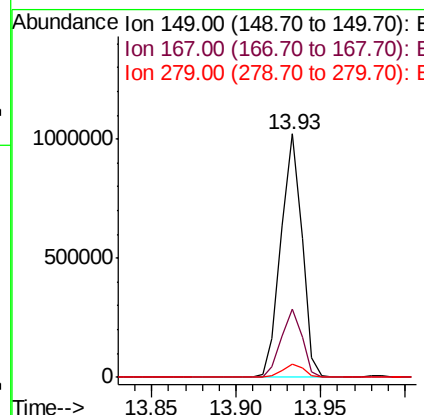
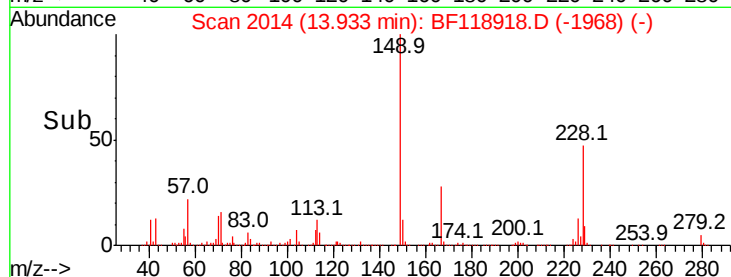
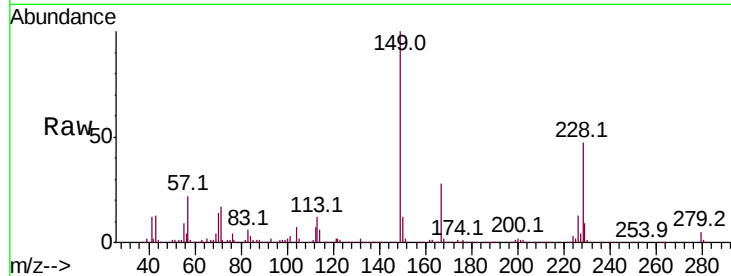
ClientSampleId :

PB126794BS

Tot Ion:	149	Resp:	886914
Ion Ratio	Lower	Upper	
149	100		
167	27.8	23.0	34.6
279	5.4	4.4	6.6

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#85

Di-n-octyl phthalate

Concen: 36.335 ng

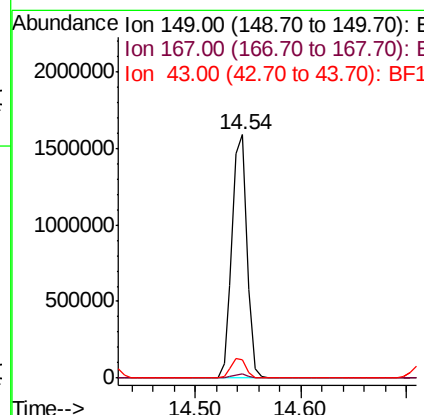
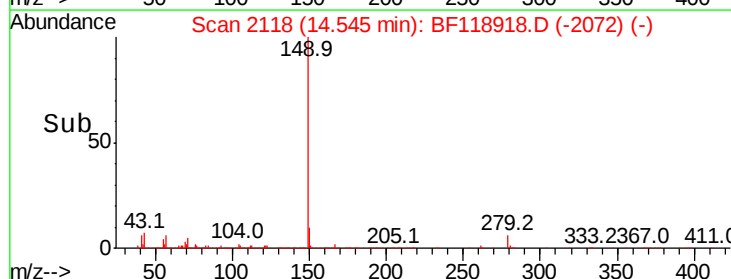
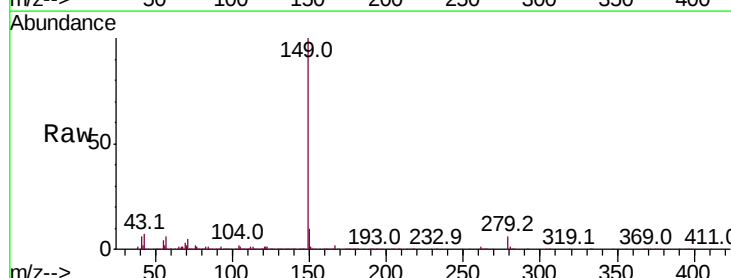
RT: 14.54 min Scan# 2118

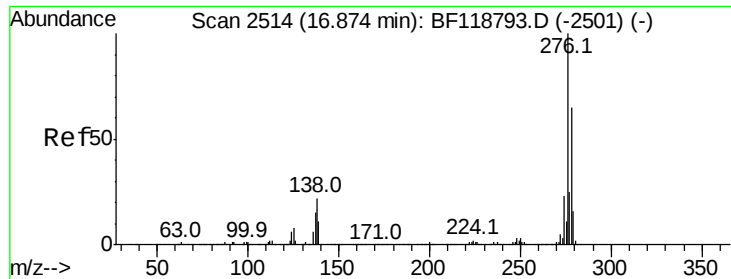
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	149	Resp:	1557903
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	7.9	6.6	10.0





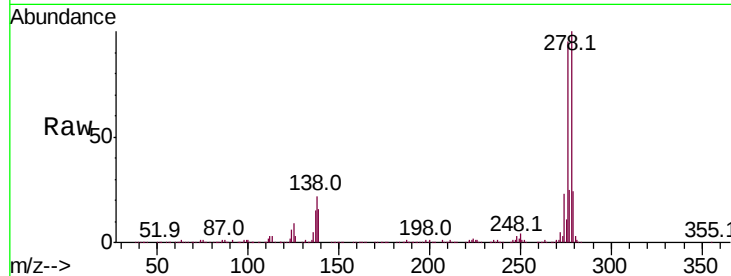
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.604 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.04 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampleId :
PB126794BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.3	27.5
277	25.6	20.2	30.4

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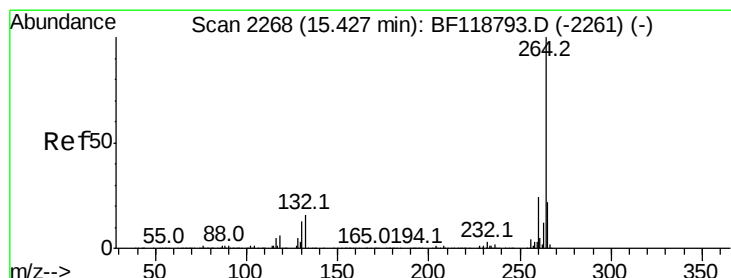
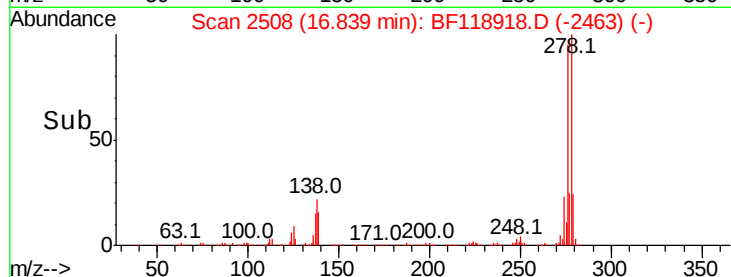
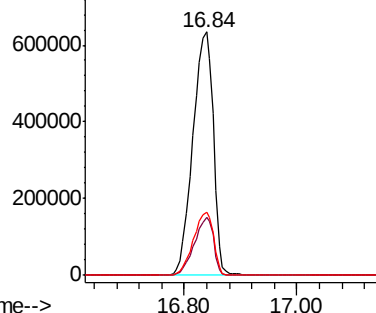


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.04 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

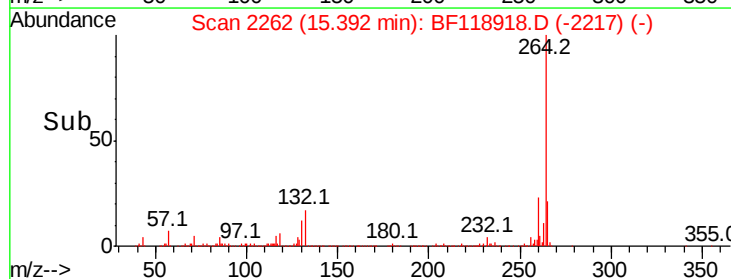
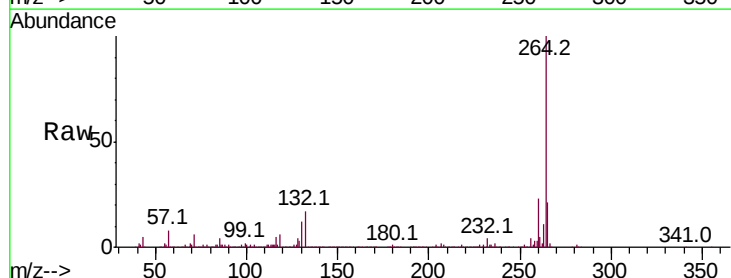
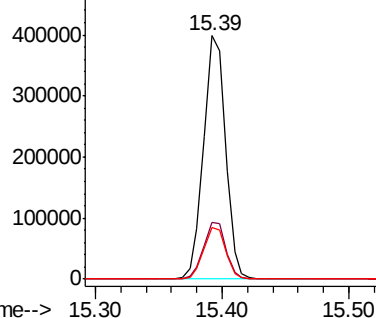
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.3	17.2	25.8

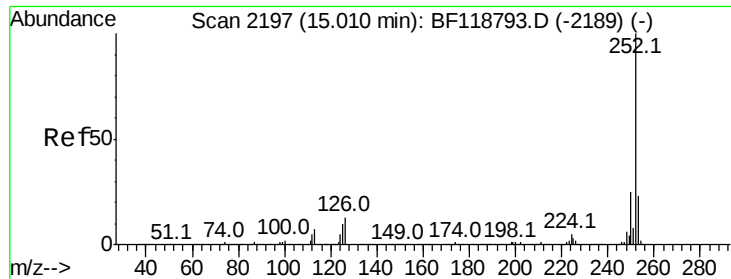
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 53.548 ng

RT: 14.99 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Instrument :

BNA_F

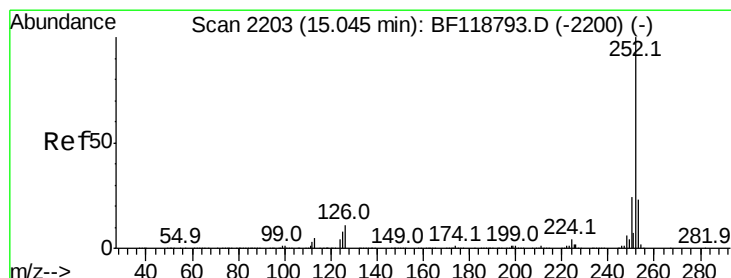
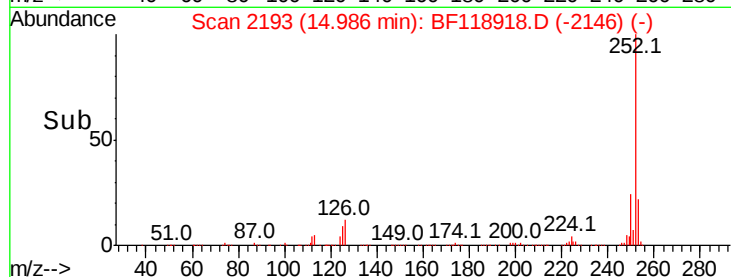
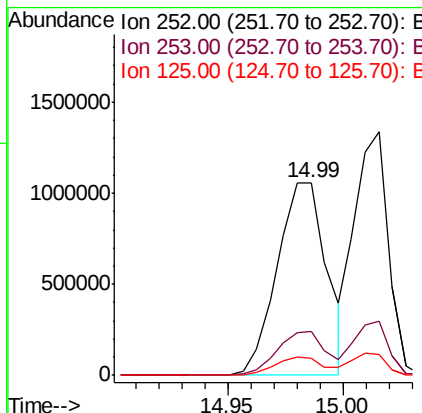
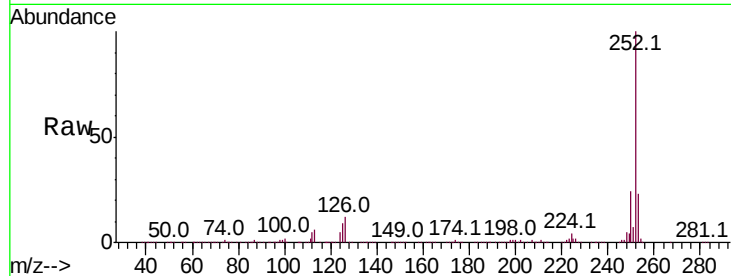
ClientSampleId :

PB126794BS

Tot Ion:	252	Resp:	1579511
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	8.9	8.1	12.1

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#89

Benzo(k)fluoranthene

Concen: 53.335 ng

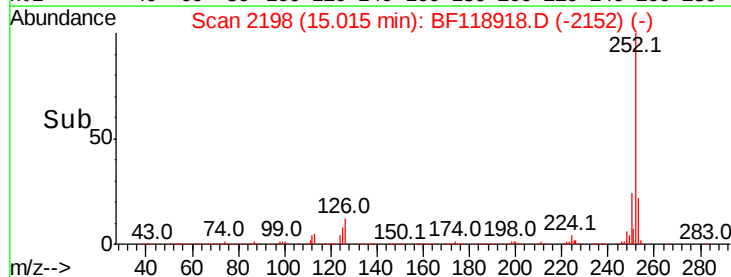
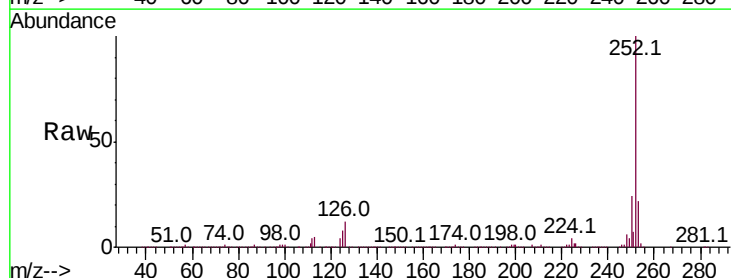
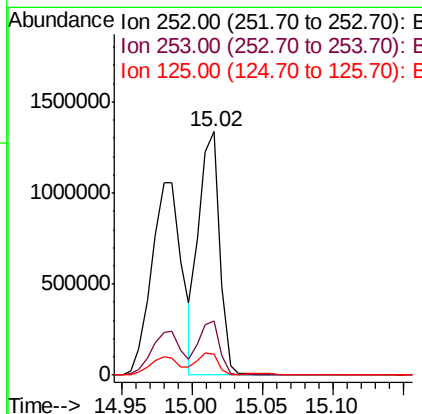
RT: 15.02 min Scan# 2198

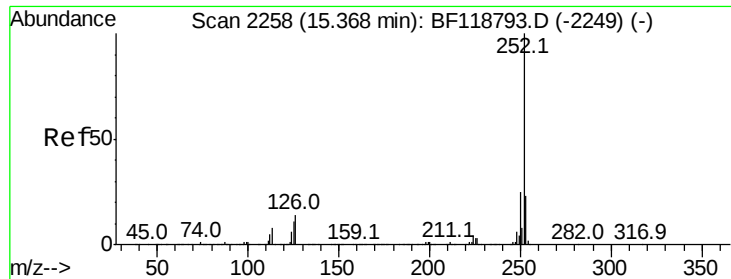
Delta R.T. -0.03 min

Lab File: BF118918.D

Acq: 13 Feb 2020 14:14

Tgt Ion:	252	Resp:	1369969
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	8.4	7.0	10.6





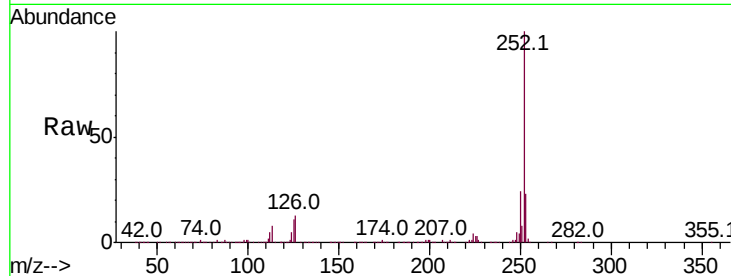
#90
Benzo(a)pyrene
Concen: 56.002 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Instrument :
BNA_F
ClientSampled :
PB126794BS

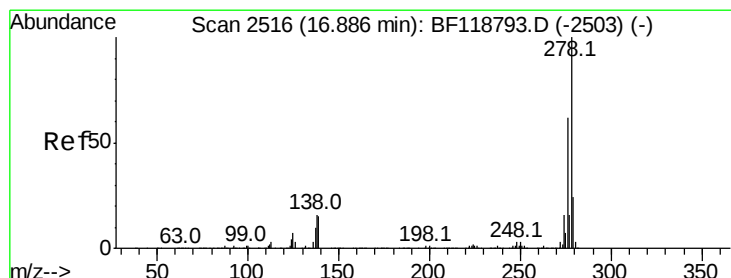
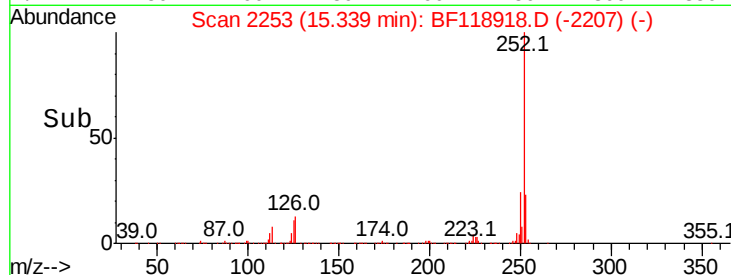
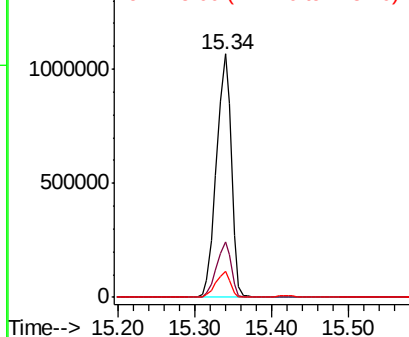
Tot Ion:252 Resp: 1413715
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.7 8.7 13.1

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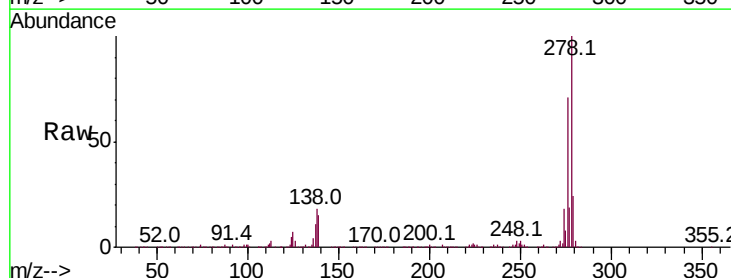


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

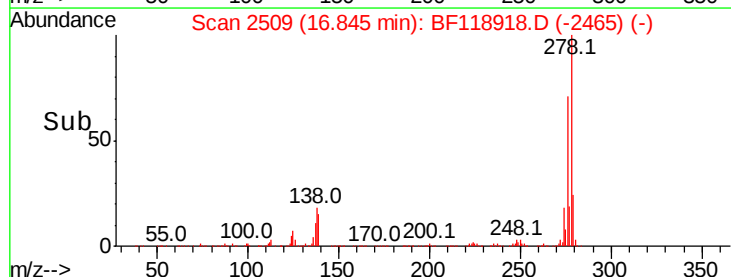
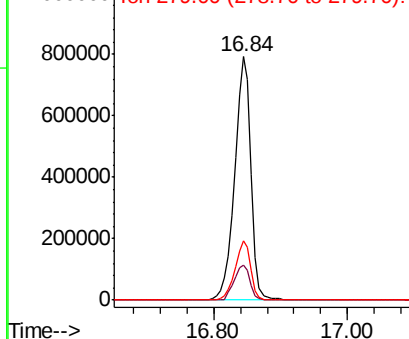


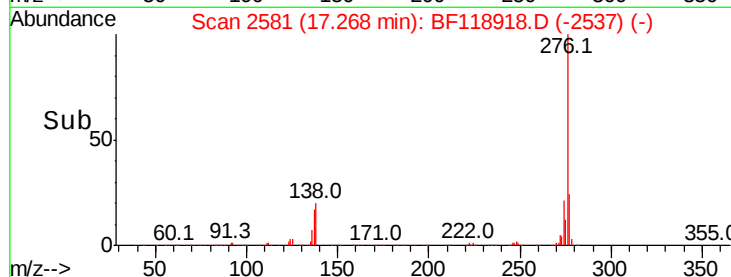
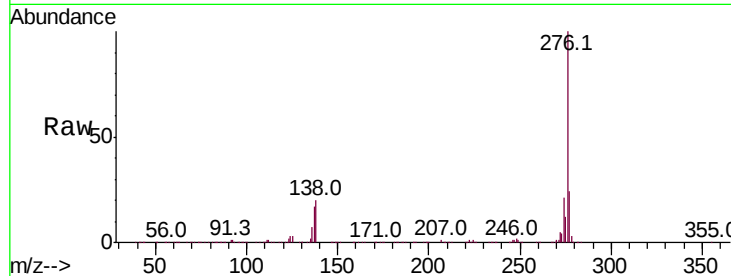
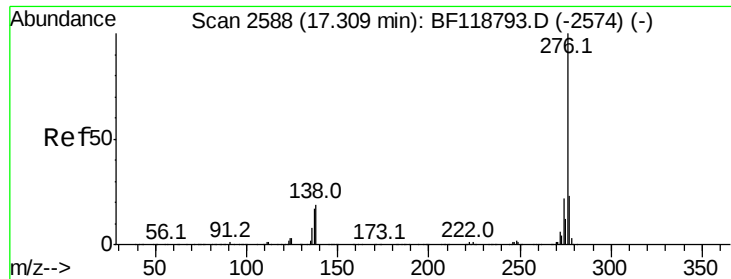
#91
Dibenzo(a,h)anthracene
Concen: 60.416 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.04 min
Lab File: BF118918.D
Acq: 13 Feb 2020 14:14

Tgt Ion:278 Resp: 1353929
Ion Ratio Lower Upper
278 100
139 14.5 12.3 18.5
279 24.4 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 62.637 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.04 min
 Lab File: BF118918.D
 Acq: 13 Feb 2020 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB126794BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	19.6	15.4	23.2

Manual Integrations
 APPROVED

mohammad
 2/17/2020 3:46:01 PM

