

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118870.D
 Acq On : 10 Feb 2020 15:23
 Operator : CG/JU
 Sample : PB126704BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Manual Integrations
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mohammad
 2/13/2020 10:28:38 AM

Quant Time: Feb 11 00:38:17 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	6.82	152	300003	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1220312	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	702909	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1311630	20.00	ng	0.00
76) Chrysene-d12	13.98	240	919996	20.00	ng	0.00
87) Perylene-d12	15.42	264	725640	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1690014	106.63	ng	0.02
7) Phenol-d6	6.46	99	2139760	108.76	ng	0.01
23) Nitrobenzene-d5	7.38	82	1299281	63.46	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	884444	105.16	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2692814	68.49	ng	0.00
79) Terphenyl-d14	12.92	244	3136937	70.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	260296	36.039	ng	99
3) Pyridine	3.42	79	729161	36.356	ng	99
4) n-Nitrosodimethylamine	3.35	42	345357	47.296	ng	95
6) Aniline	6.48	93	652982	25.770	ng	# 49
8) 2-Chlorophenol	6.61	128	735236	41.650	ng	98
9) Benzaldehyde	6.36	77	199539	13.922	ng	99
10) Phenol	6.47	94	837946	38.305	ng	84
11) bis(2-Chloroethyl)ether	6.56	93	677011	40.452	ng	97
12) 1,3-Dichlorobenzene	6.76	146	769556	36.624	ng	99
13) 1,4-Dichlorobenzene	6.83	146	784752	37.442	ng	99
14) 1,2-Dichlorobenzene	6.99	146	728240	36.373	ng	97
15) Benzyl Alcohol	6.96	79	628076	41.302	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	774711	37.799	ng	89
17) 2-Methylphenol	7.08	107	621303	42.334	ng	96
18) Hexachloroethane	7.33	117	278602	37.036	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	491796	40.855	ng	98
20) 3+4-Methylphenols	7.23	107	729042	39.631	ng	# 85
22) Acetophenone	7.23	105	965131	36.402	ng	99
24) Nitrobenzene	7.40	77	759585	37.139	ng	99
25) Isophorone	7.64	82	1421837	38.642	ng	100
26) 2-Nitrophenol	7.72	139	437791	40.170	ng	98
27) 2,4-Dimethylphenol	7.76	122	660532	44.617	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	899486	37.699	ng	98
29) 2,4-Dichlorophenol	7.96	162	688284	38.821	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	748837	36.135	ng	100
31) Naphthalene	8.12	128	2137925	38.306	ng	99
32) Benzoic acid	7.90	122	436485	35.610	ng	96
33) 4-Chloroaniline	8.17	127	535356	21.440	ng	99
34) Hexachlorobutadiene	8.24	225	451195	35.538	ng	99
35) Caprolactam	8.55	113	215621m	37.515	ng	
36) 4-Chloro-3-methylphenol	8.66	107	717983	40.240	ng	99
37) 2-Methylnaphthalene	8.81	142	1537079	39.709	ng	98
38) 1-Methylnaphthalene	8.91	142	1436247	39.443	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	763335	35.982	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	508994	61.188	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	529543	37.328	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	549792	37.930	nq	100
46) 1,1'-Biphenyl	9.27	154	1830838	37.653	nq	99
47) 2-Chloronaphthalene	9.30	162	1478209	36.569	nq	99
48) 2-Nitroaniline	9.40	65	422747	36.261	nq	95
49) Acenaphthylene	9.72	152	2282825	39.113	nq	100
50) Dimethylphthalate	9.58	163	1880057	39.281	nq	99
51) 2,6-Dinitrotoluene	9.64	165	427802	39.064	nq	96
52) Acenaphthene	9.89	154	1372842	35.696	nq	100
53) 3-Nitroaniline	9.81	138	284860	23.455	nq	96
54) 2,4-Dinitrophenol	9.92	184	403852	76.710	nq	95
55) Dibenzofuran	10.06	168	2042032	36.740	nq	99
56) 4-Nitrophenol	9.99	139	590712	67.203	nq	97
57) 2,4-Dinitrotoluene	10.05	165	558782	38.556	nq	# 87
58) Fluorene	10.40	166	1556087	37.214	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	494824	39.089	nq	99
60) Diethylphthalate	10.28	149	1798164	38.637	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	830039	36.603	nq	96
62) 4-Nitroaniline	10.43	138	398738	32.784	nq	99
63) Azobenzene	10.56	77	1510581	38.019	nq	96
65) 4,6-Dinitro-2-methylphenol	10.46	198	304031	41.251	nq	98
66) n-Nitrosodiphenylamine	10.52	169	1464774	38.554	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	587939	37.892	nq	97
68) Hexachlorobenzene	10.96	284	659562	37.061	nq	98
69) Atrazine	11.05	200	520225	41.100	nq	100
70) Pentachlorophenol	11.15	266	622268	66.220	nq	99
71) Phenanthrene	11.36	178	2325708	36.038	nq	100
72) Anthracene	11.42	178	2367565	36.878	nq	100
73) Carbazole	11.57	167	2072239	36.779	nq	100
74) Di-n-butylphthalate	11.90	149	2676207	37.287	nq	99
75) Fluoranthene	12.55	202	2465414	34.990	nq	99
77) Benzidine	12.67	184	551613	19.824	nq	98
78) Pyrene	12.78	202	2438009	38.629	nq	100
80) Butylbenzylphthalate	13.39	149	1140016	39.574	nq	99
81) Benzo(a)anthracene	13.97	228	2075409	37.910	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	743788	33.219	nq	99
83) Chrysene	14.00	228	2029101	36.929	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1526092	41.756	nq	99
85) Di-n-octyl phthalate	14.56	149	2524343	40.317	nq	100
86) Indeno(1,2,3-cd)pyrene	16.86	276	1840851	33.346	nq	99
88) Benzo(b)fluoranthene	15.00	252	2148009	47.705	nq	100
89) Benzo(k)fluoranthene	15.04	252	1786068	45.551	nq	100
90) Benzo(a)pyrene	15.36	252	1711361	44.411	nq	99
91) Dibenzo(a,h)anthracene	16.88	278	1575151	46.045	nq	99
92) Benzo(g,h,i)perylene	17.30	276	1491514	45.337	nq	99

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

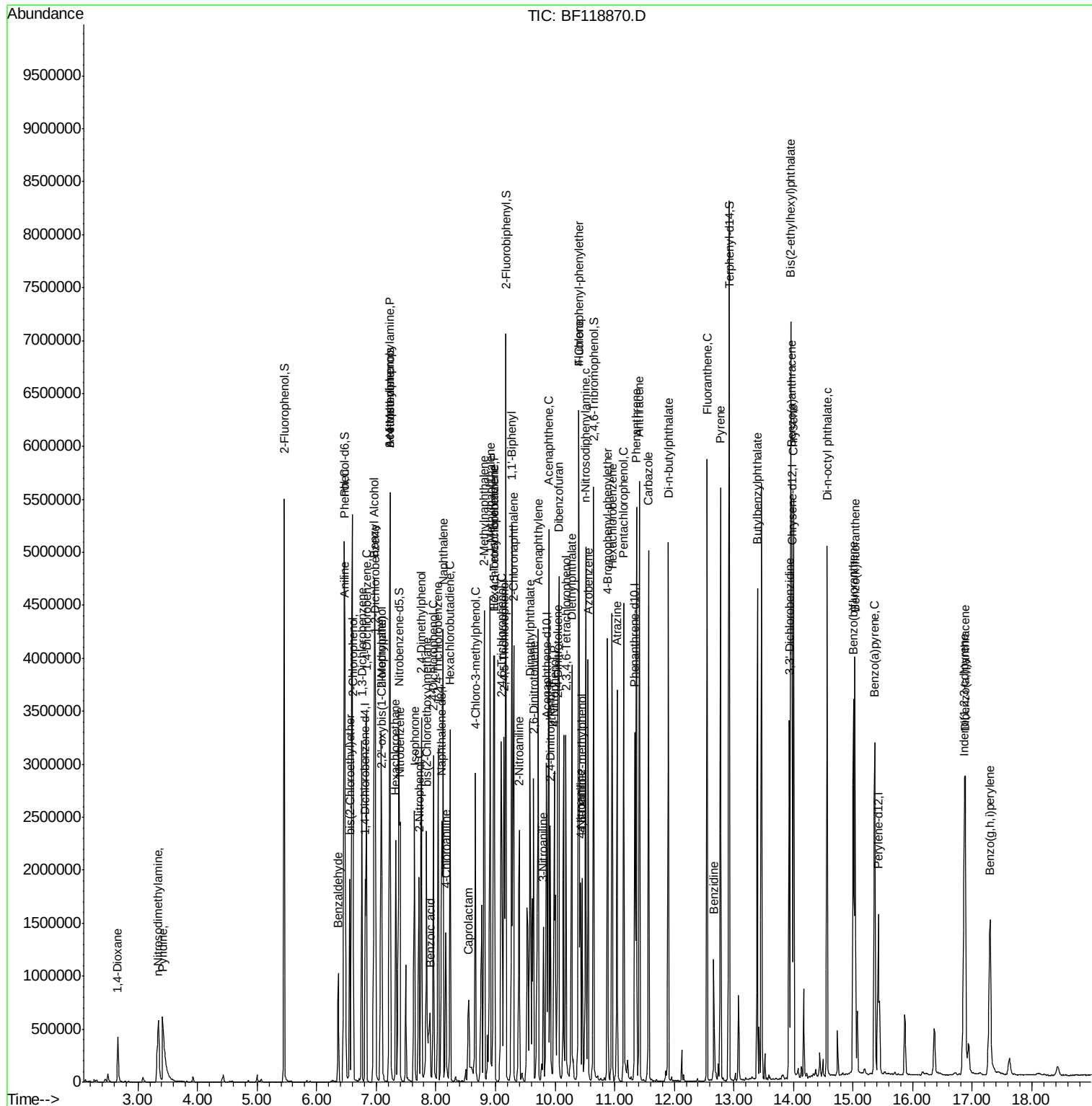
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
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Operator : CG/JU
Sample : PB126704BS
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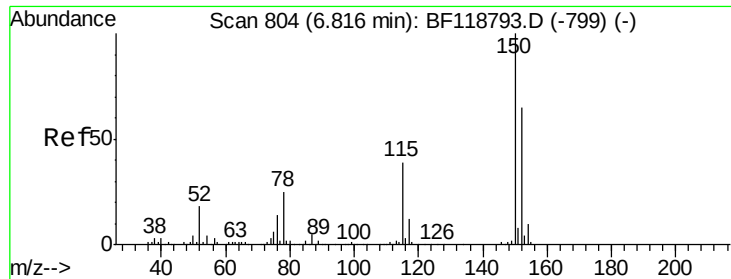
Instrument :
BNA_F
ClientSampleID :
PB126704BS

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#1

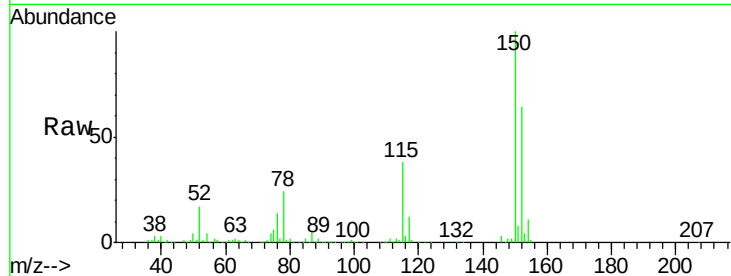
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

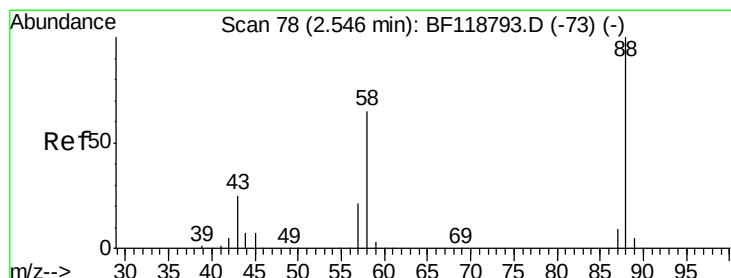
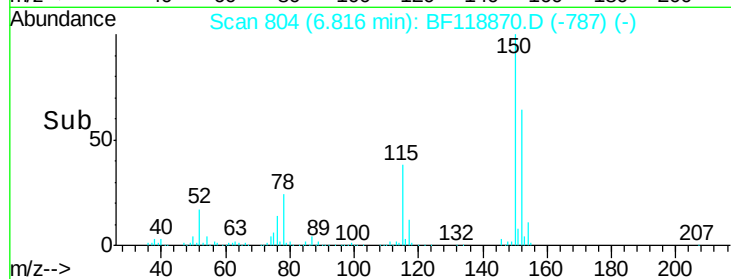
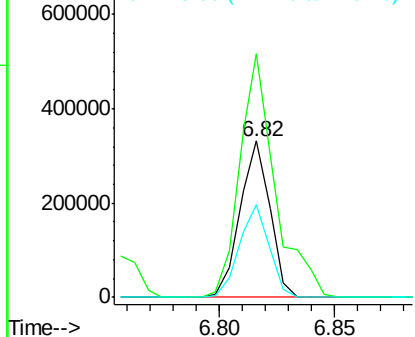
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.6	185.4
115	59.4	48.2	72.2

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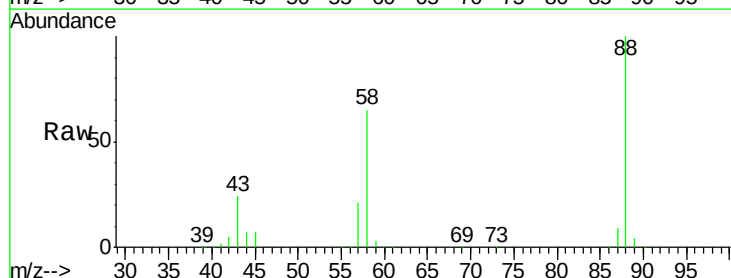
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



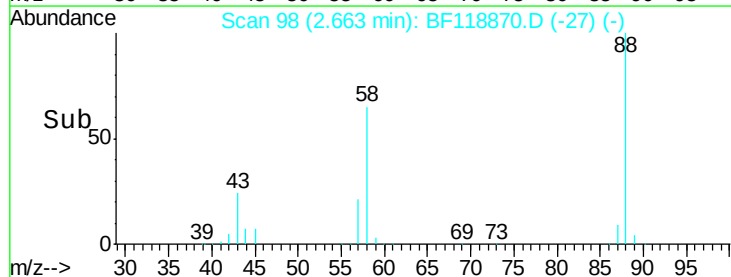
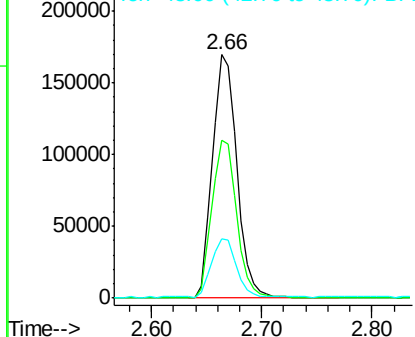
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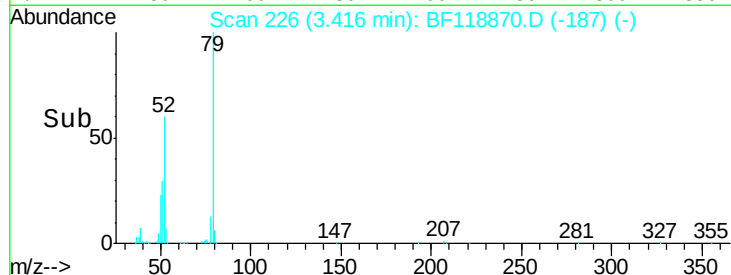
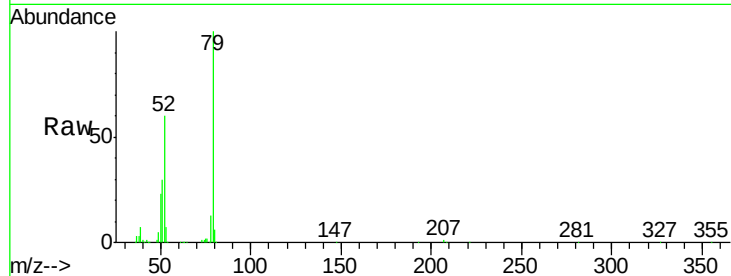
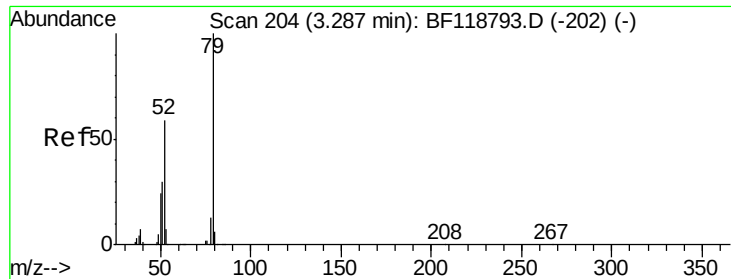
1,4-Dioxane
Concen: 36.039 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.12 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	51.6	77.4
43	23.9	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





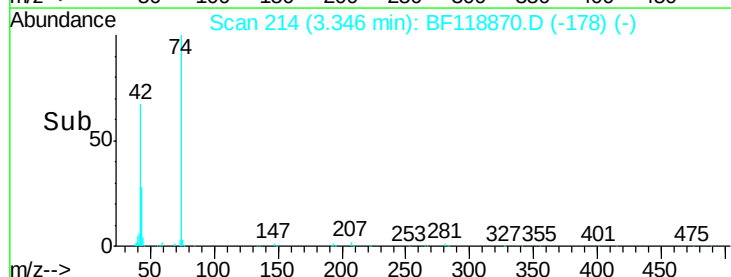
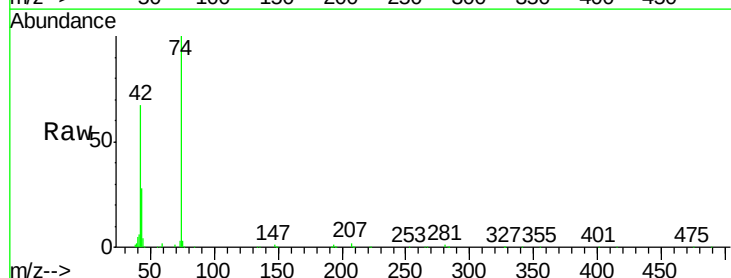
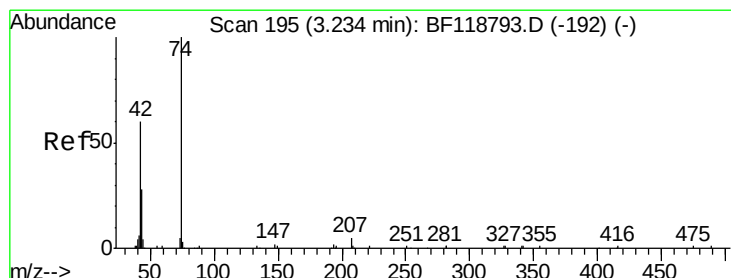
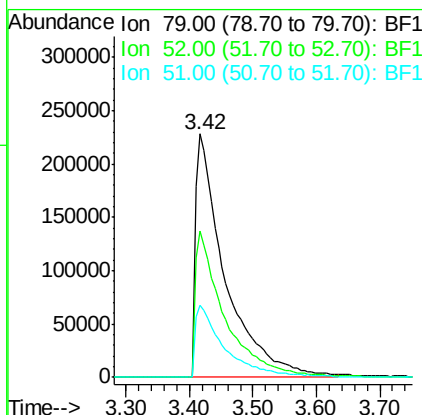
#3
 Pvridine
 Concen: 36.356 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.13 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		729161		
52	59.9	47.4	71.0		
51	29.6	24.2	36.4		

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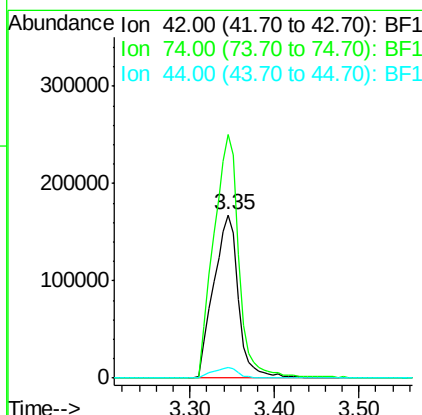
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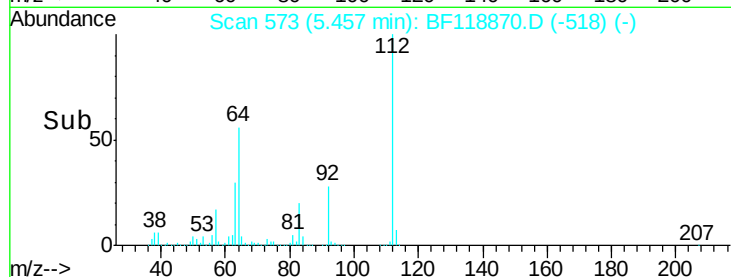
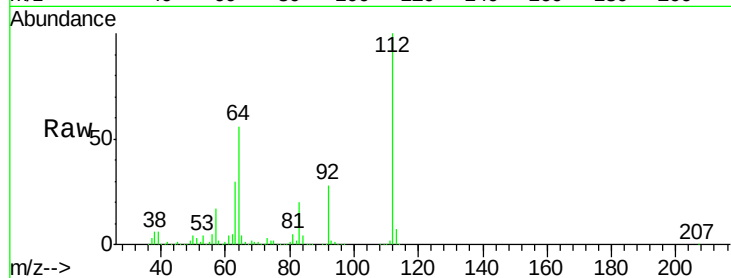
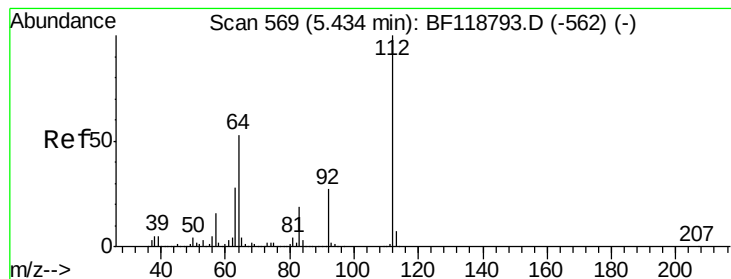
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#4
 n-Nitrosodimethylamine
 Concen: 47.296 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.11 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		345357		
74	148.9	124.3	186.5		
44	6.1	5.3	7.9		





#5

2-Fluorophenol

Concen: 106.635 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tot Ion:	112	Resp:	1690014
Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.6	63.8
63	29.7	22.2	33.4

Instrument :

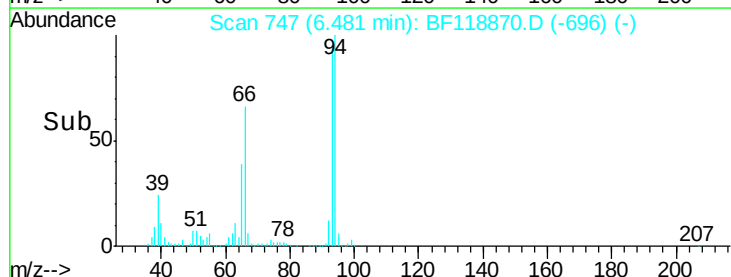
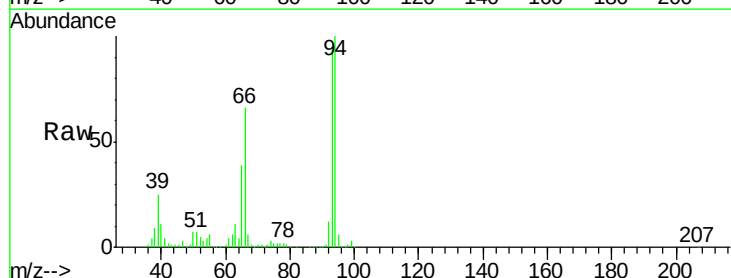
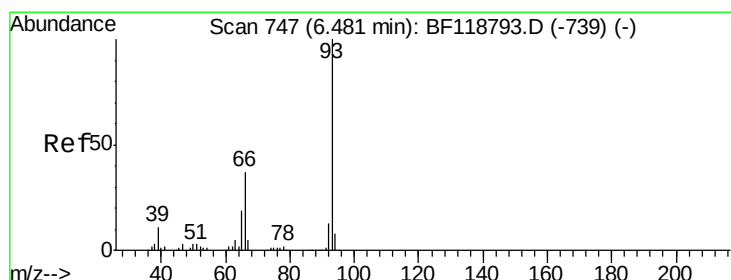
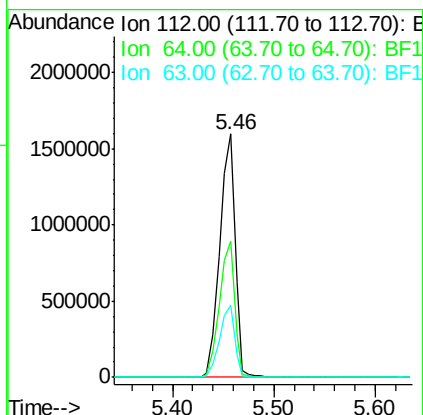
BNA_F

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#6

Aniline

Concen: 25.770 ng

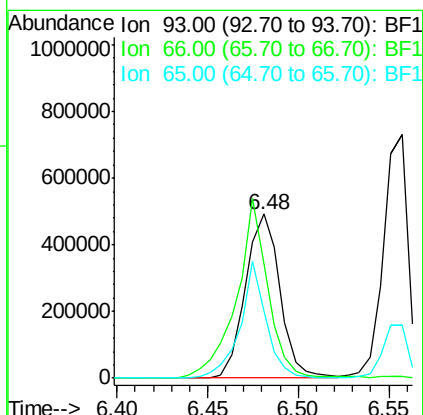
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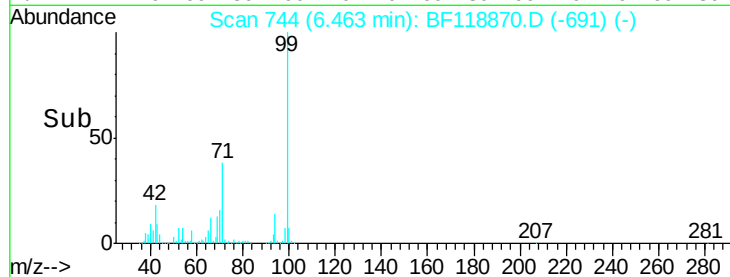
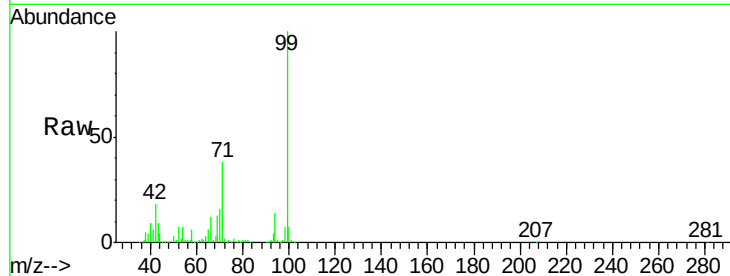
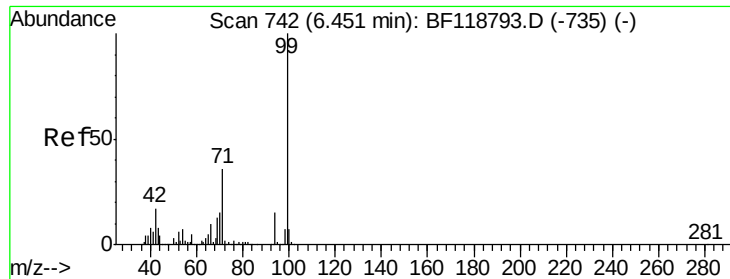
Delta R.T. 0.00 min

Lab File: BF118870.D

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Tgt Ion:	93	Resp:	652982
Ion	Ratio	Lower	Upper
93	100		
66	70.0	30.8	46.2#
65	41.1	15.4	23.0#





#7

Phenol-d6

Concen: 108.762 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tot Ion:	99	Resp:	2139760
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.0
71	38.3	29.0	43.6

Instrument :

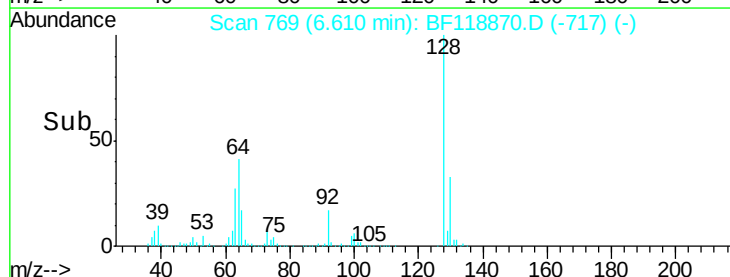
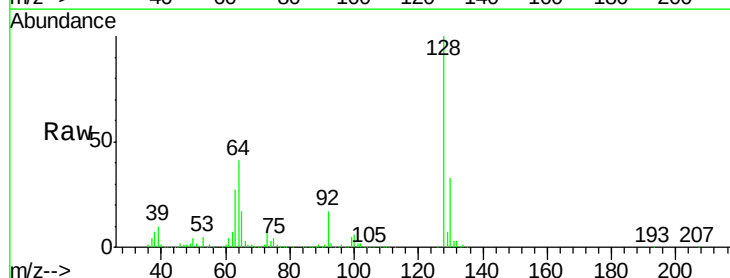
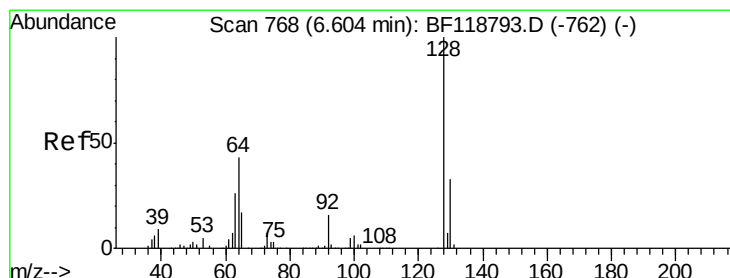
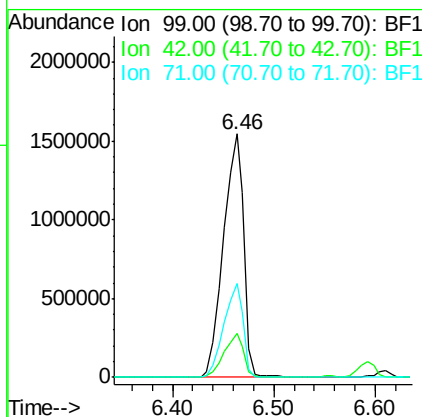
BNA_F

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#8

2-Chlorophenol

Concen: 41.650 ng

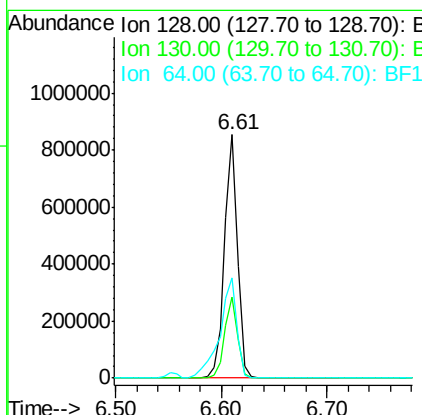
RT: 6.61 min Scan# 769

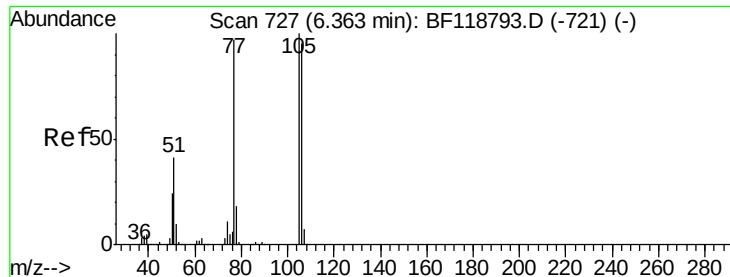
Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	128	Resp:	735236
Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	41.3	23.0	63.0





#9

Benzaldehyde

Concen: 13.922 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

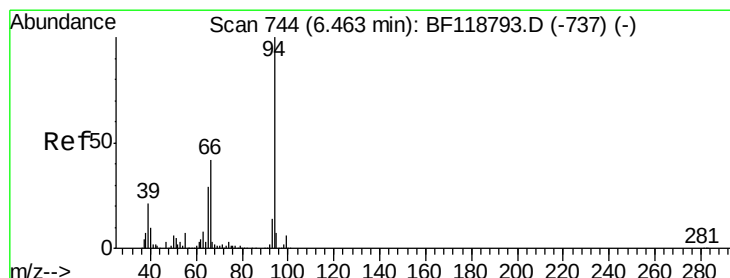
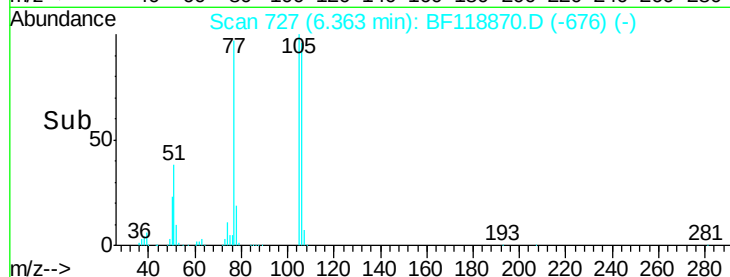
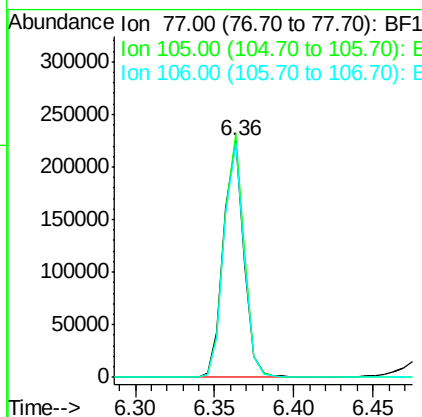
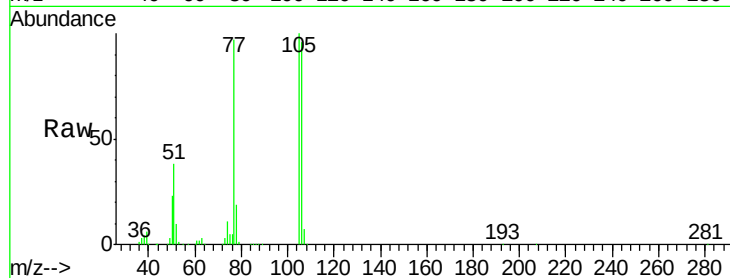
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.2	82.8	122.8		
106	99.5	78.1	118.1		

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#10

Phenol

Concen: 38.305 ng

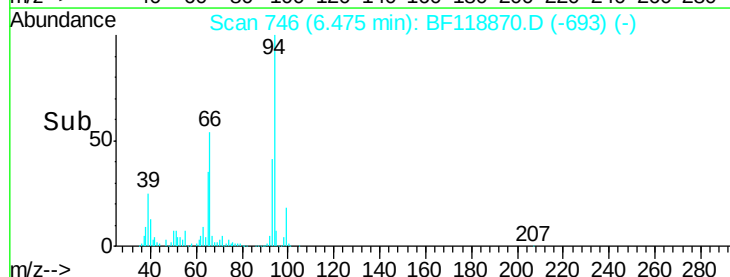
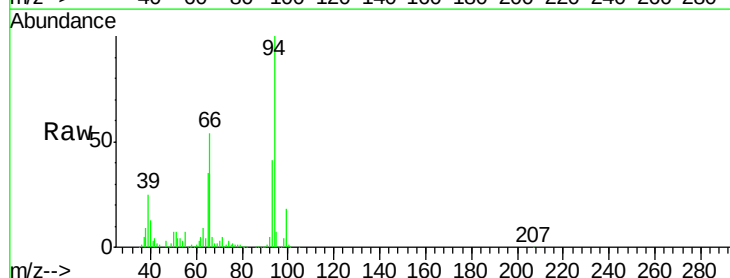
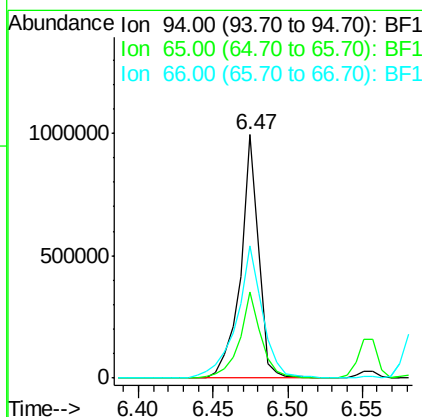
RT: 6.47 min Scan# 746

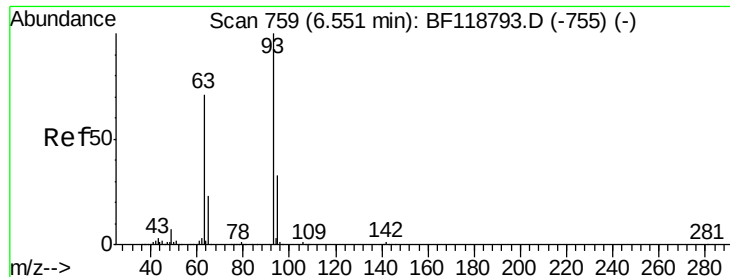
Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	35.2	9.1	49.1		
66	54.3	21.7	61.7		





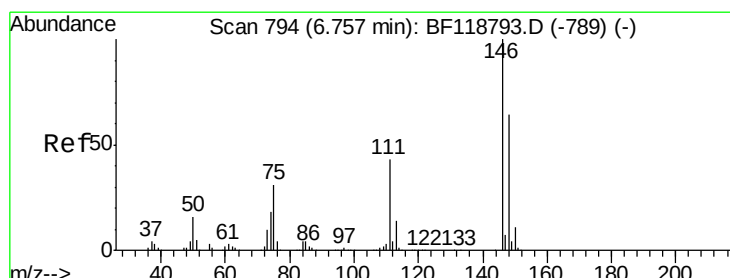
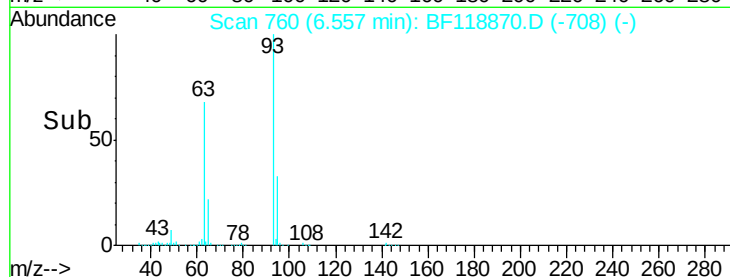
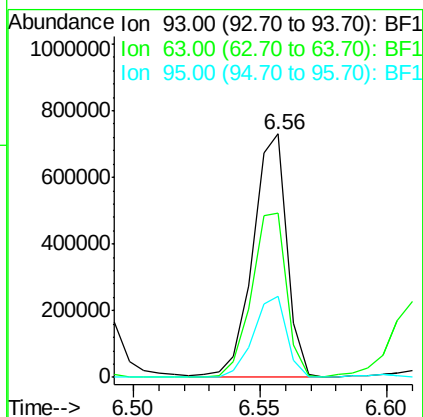
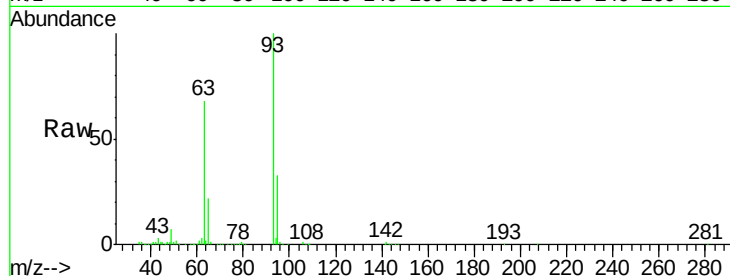
#11
bis(2-Chloroethyl)ether
Concen: 40.452 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:	93	Resp:	677011
Ion Ratio	Lower	Upper	
93	100		
63	67.6	50.7	90.7
95	33.1	12.6	52.6

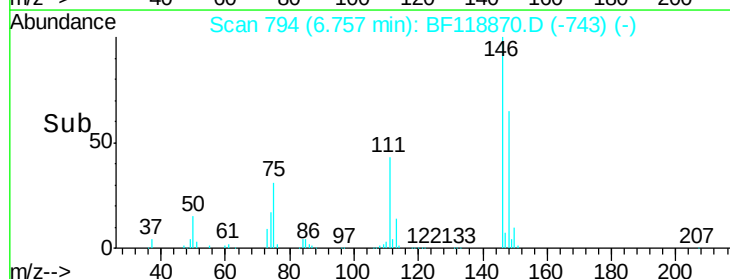
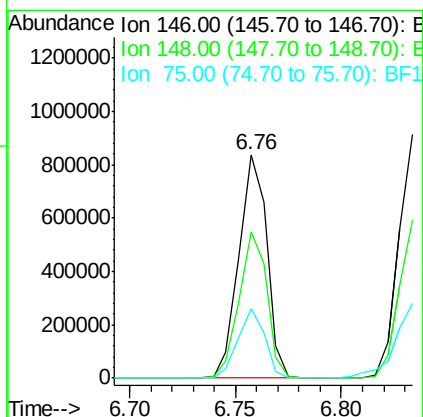
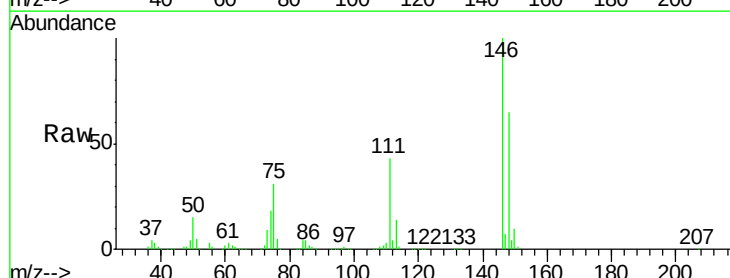
Manual Integrations
APPROVED

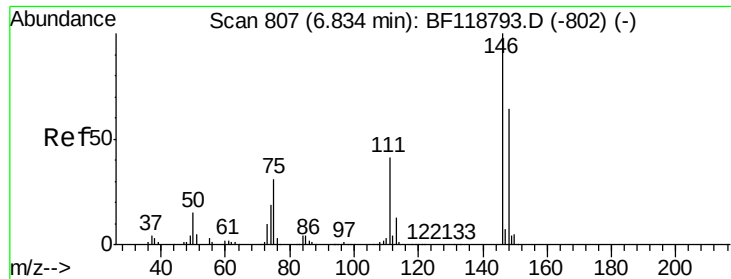
mohammad
2/13/2020 10:28:38 AM



#12
1,3-Dichlorobenzene
Concen: 36.624 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:	146	Resp:	769556
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.1	76.7
75	31.0	25.0	37.4





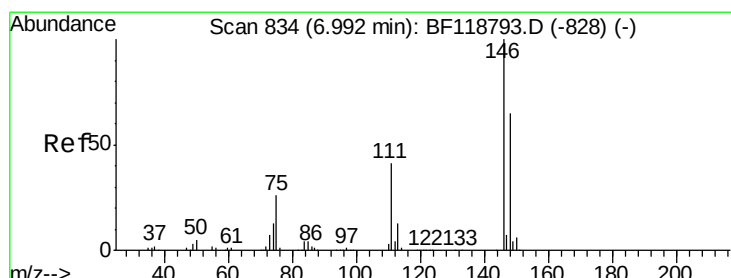
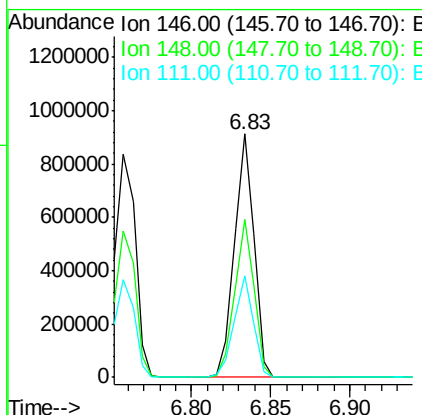
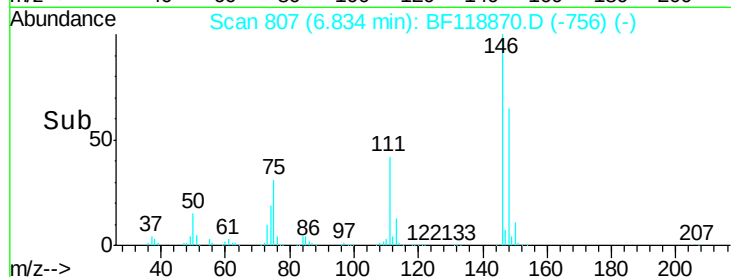
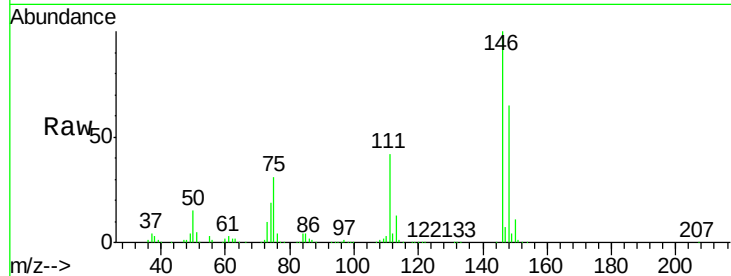
#13
 1,4-Dichlorobenzene
 Concen: 37.442 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	41.8	32.9	49.3

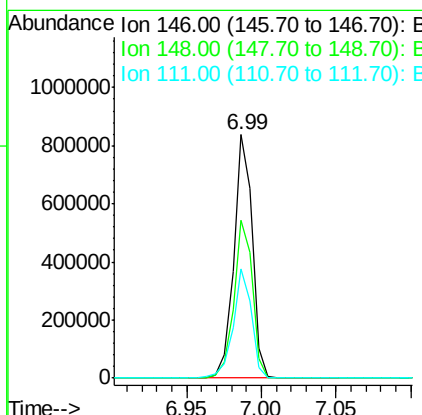
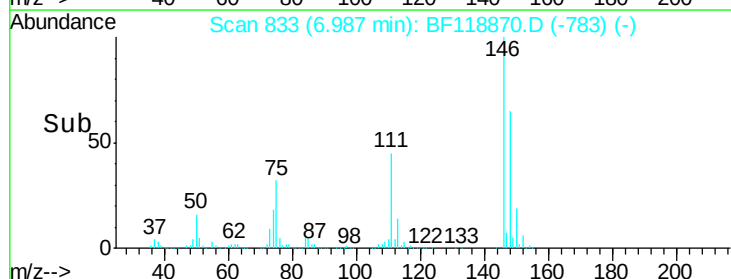
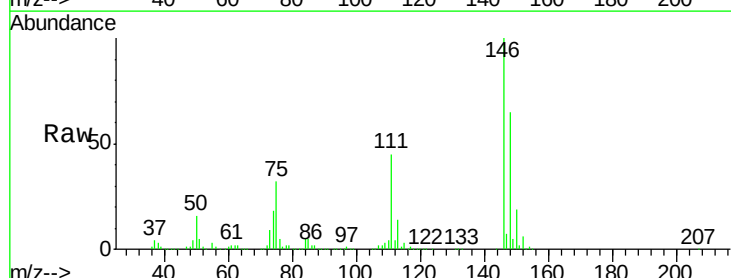
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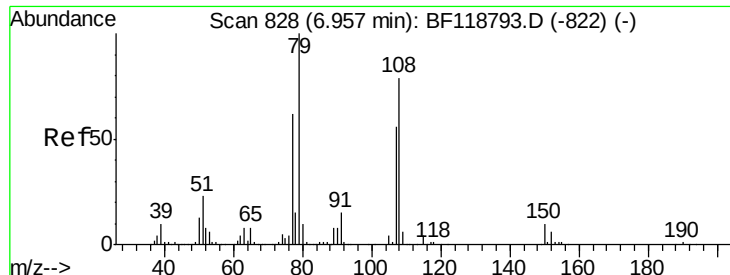
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.373 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	44.7	32.7	49.1





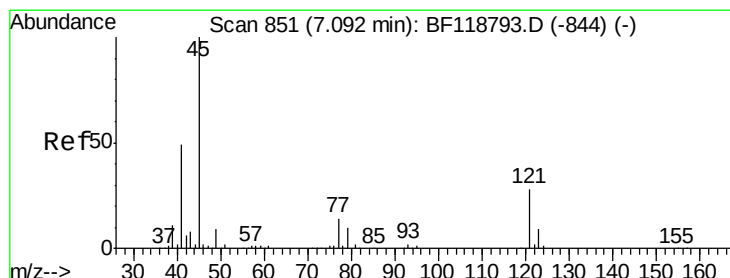
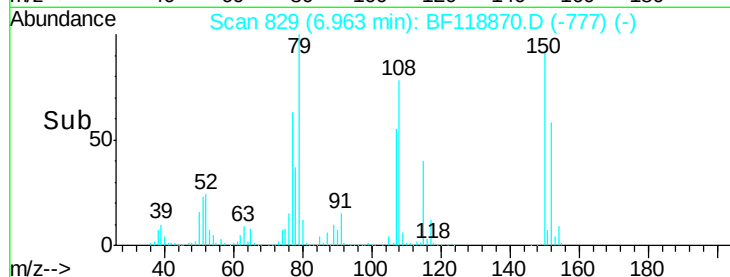
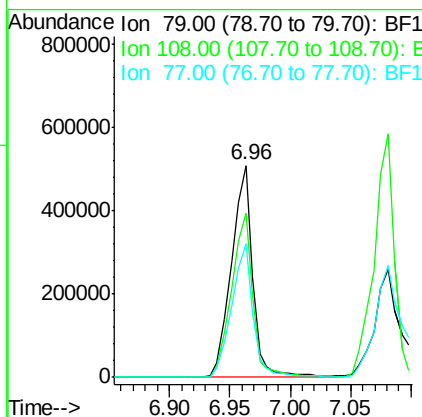
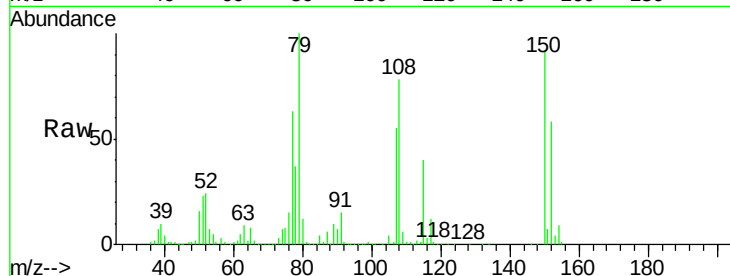
#15
Benzyl Alcohol
Concen: 41.302 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	62.9	94.3
77	62.9	50.0	75.0

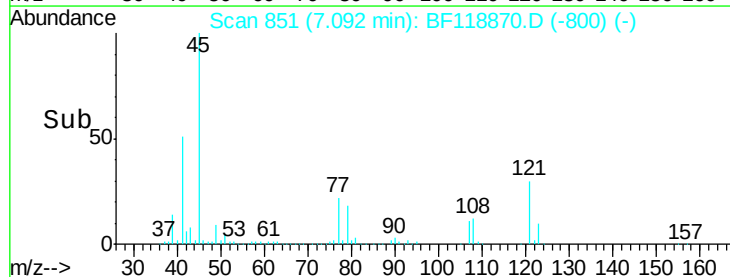
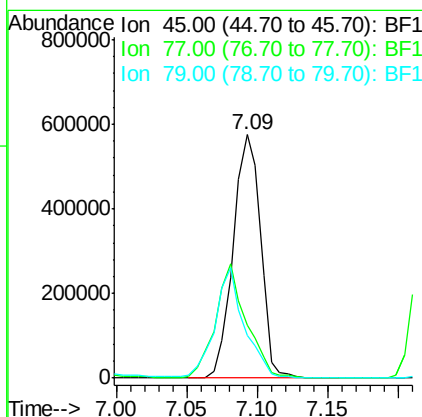
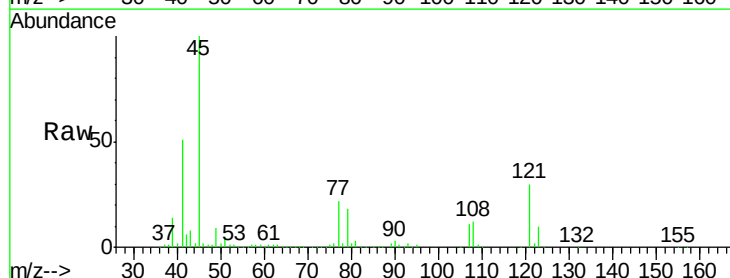
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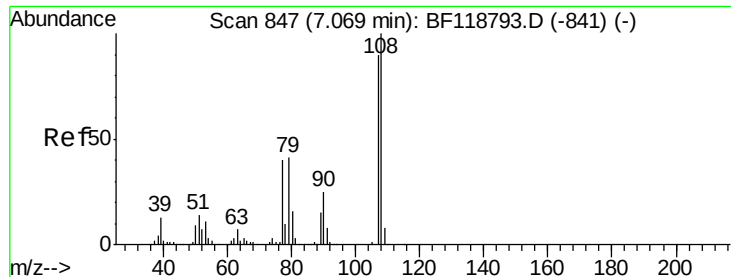
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.799 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.6	0.0	37.1
79	17.6	0.0	33.1





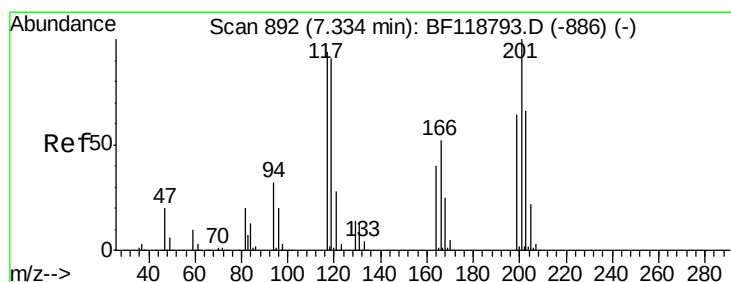
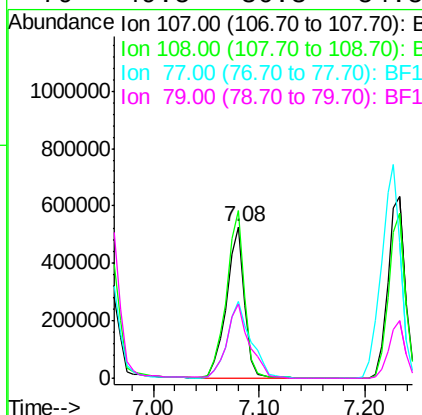
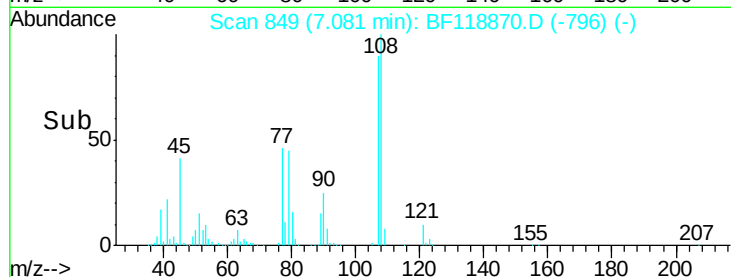
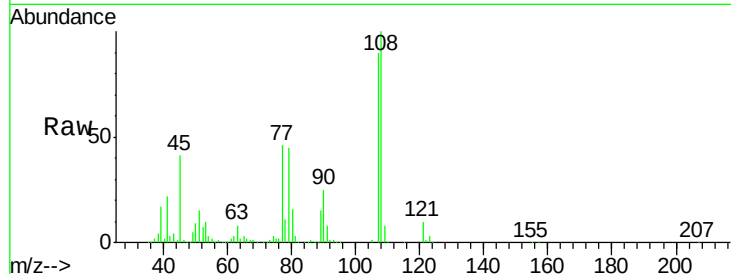
#17
2-Methylphenol
Concen: 42.334 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	621303		
108	108	111.0		89.3	133.9
77	77	51.2		36.2	54.2
79	79	49.5		36.3	54.5

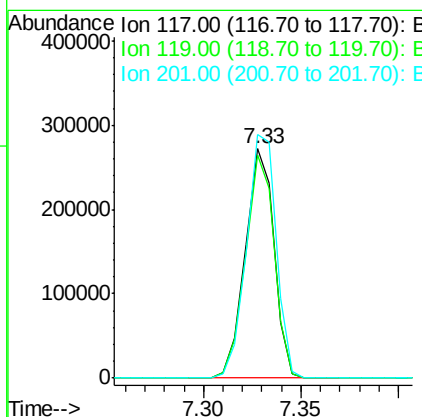
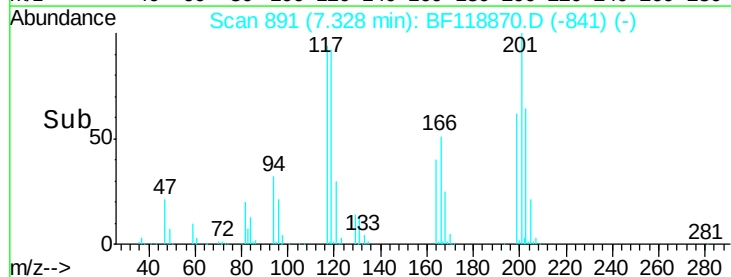
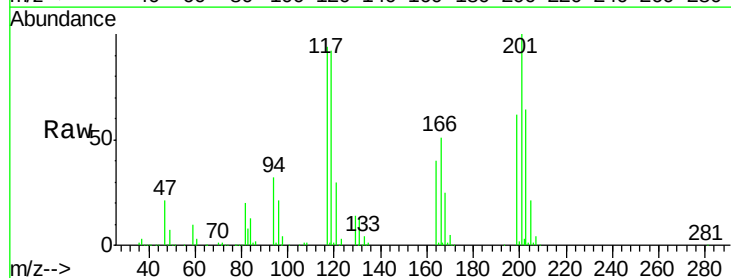
Manual Integrations
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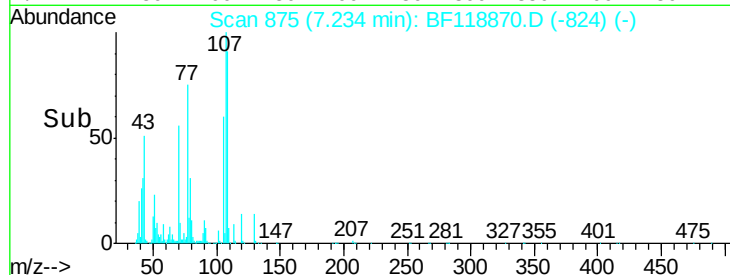
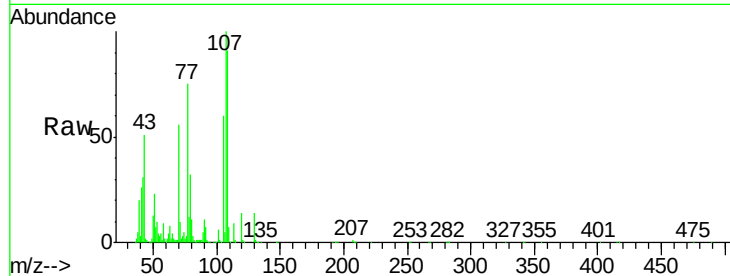
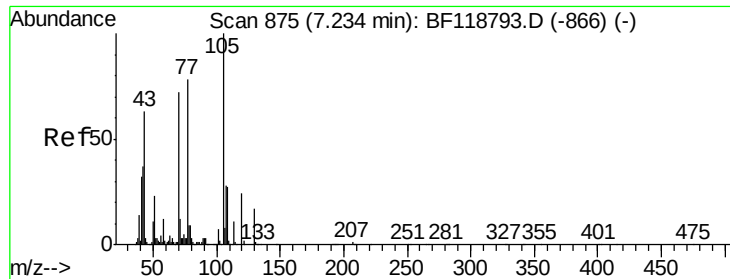
mohammad
2/13/2020 10:28:38 AM



#18
Hexachloroethane
Concen: 37.036 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	278602		
119	119	97.4		77.4	116.0
201	201	106.1		85.1	127.7





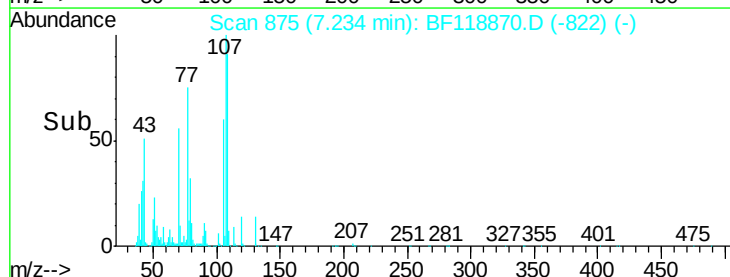
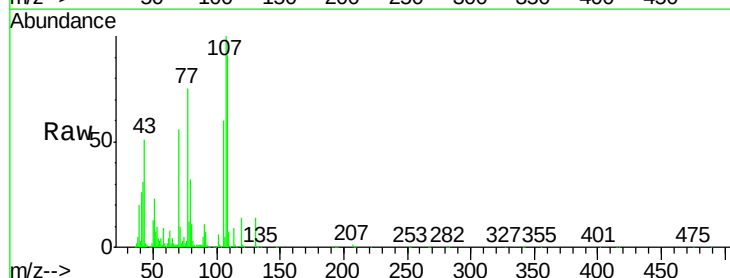
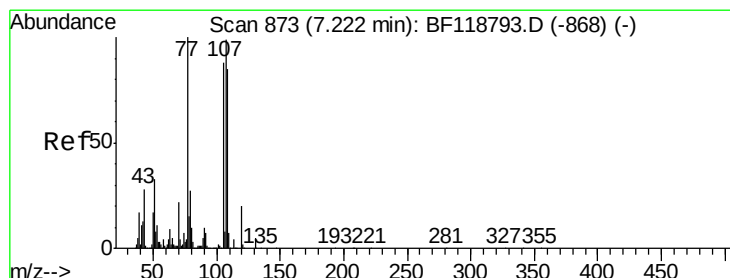
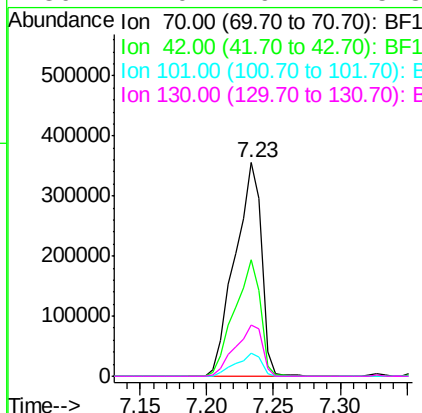
#19
n-Nitroso-di-n-propylamine
Concen: 40.855 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.3	41.5	62.3
101	10.9	8.3	12.5
130	24.0	19.2	28.8

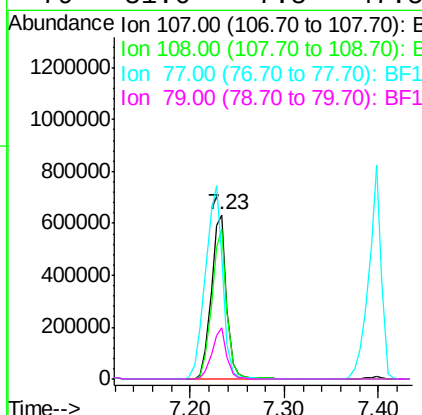
Manual Integrations
APPROVED

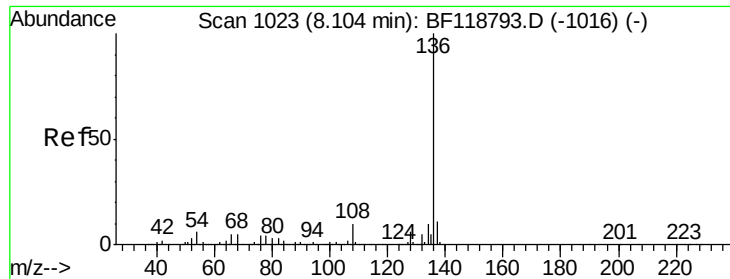
mohammad
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#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	65.9	105.9
77	75.0	80.9	120.9
79	31.6	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:136 Resp: 1220312

Ion Ratio Lower Upper

136 100

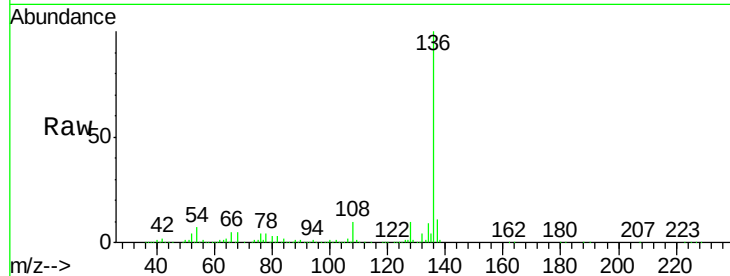
137 11.3 8.7 13.1

54 6.5 5.0 7.6

68 5.5 4.2 6.4

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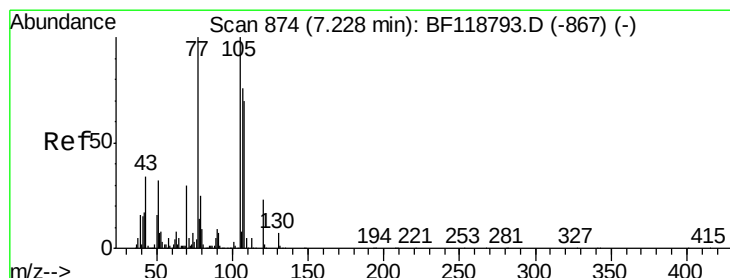
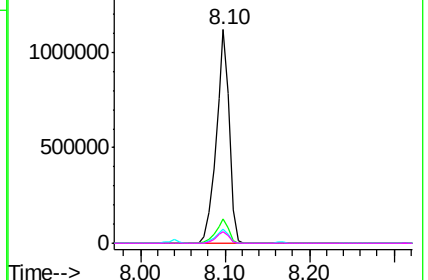
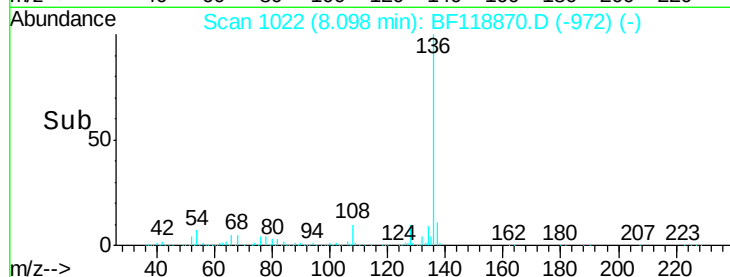


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 36.402 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:105 Resp: 965131

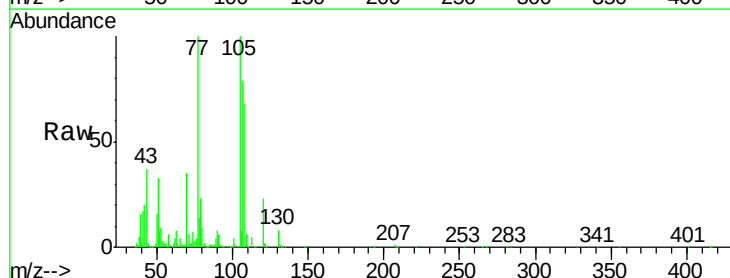
Ion Ratio Lower Upper

105 100

71 5.9 4.2 6.4

51 32.5 25.5 38.3

120 23.1 18.6 28.0

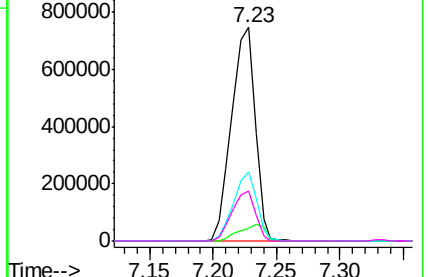
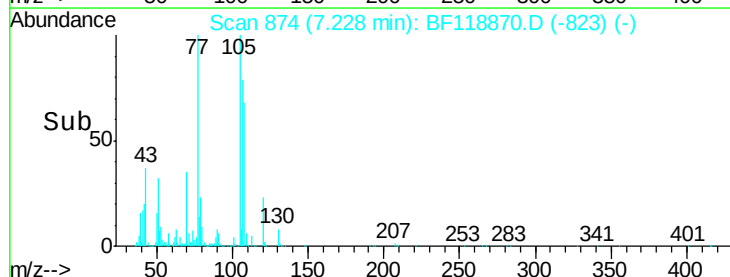


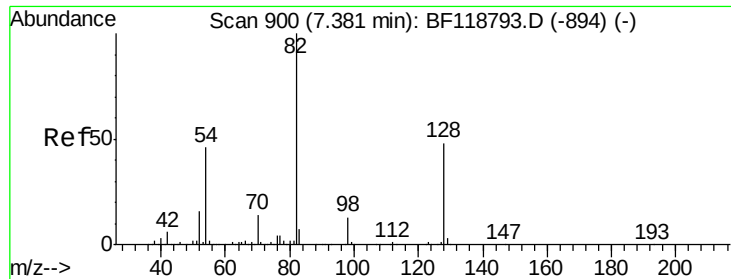
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





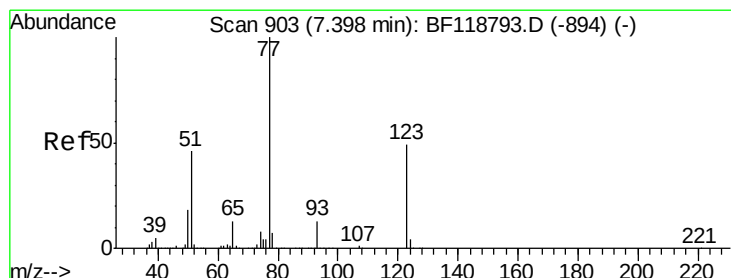
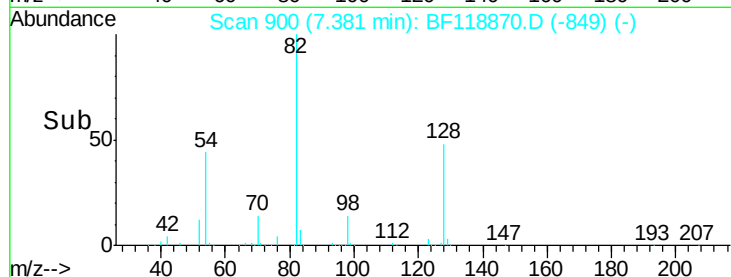
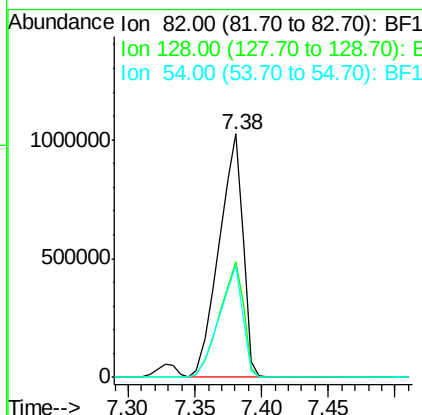
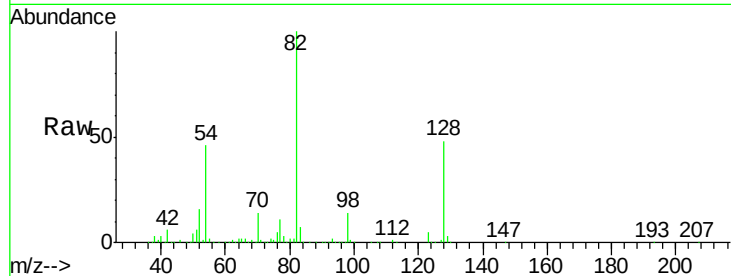
#23
 Nitrobenzene-d5
 Concen: 63.462 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.5	57.7
54	45.9	36.7	55.1

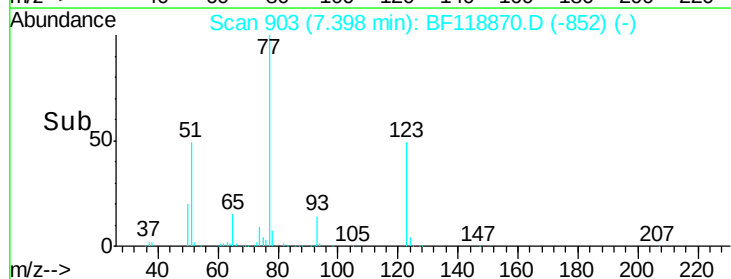
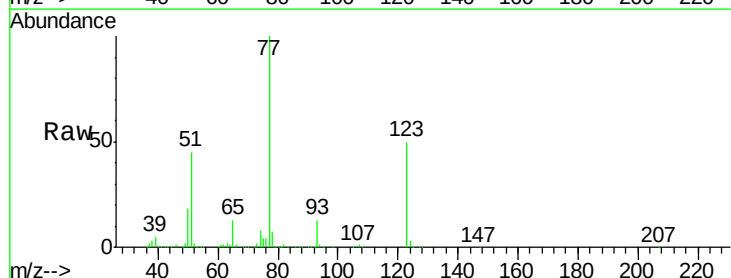
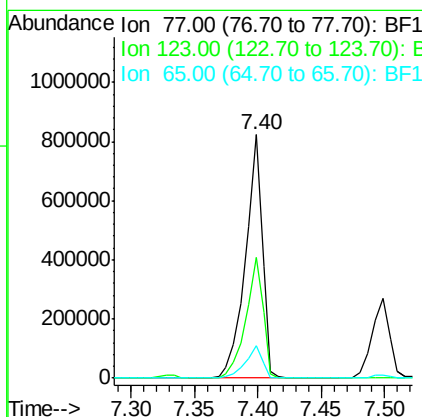
Manual Integrations
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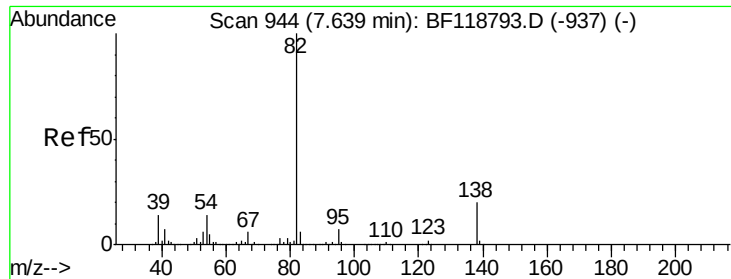
mohammad
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#24
 Nitrobenzene
 Concen: 37.139 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.0	58.4
65	13.4	10.6	15.8





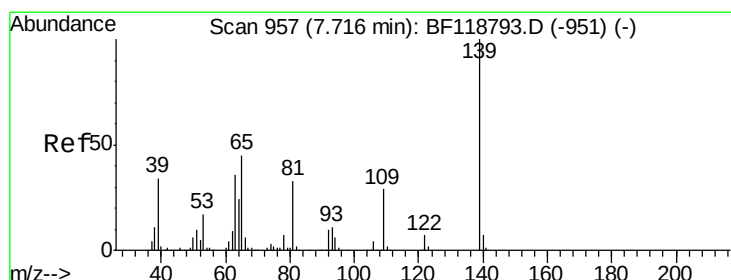
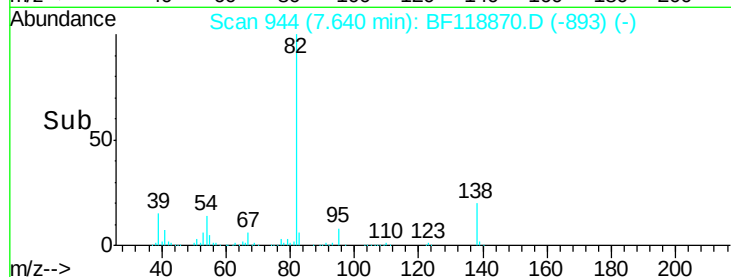
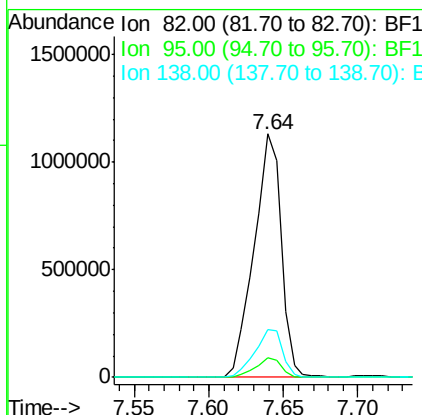
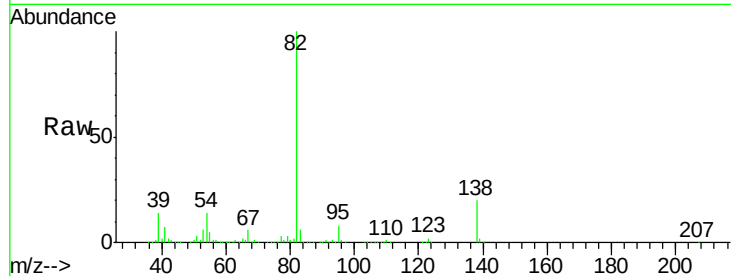
#25
Isophorone
Concen: 38.642 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	82	Resp	1421837
Ion Ratio	100	Lower	Upper
82	100		
95	7.8	6.0	9.0
138	19.7	15.7	23.5

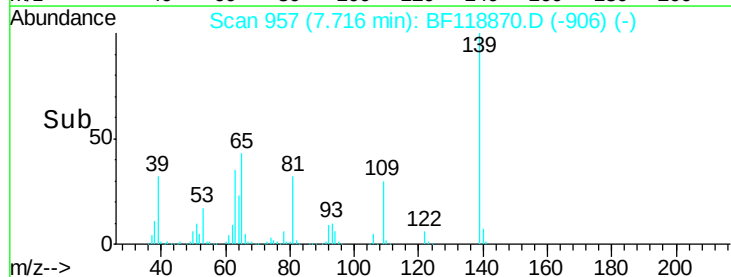
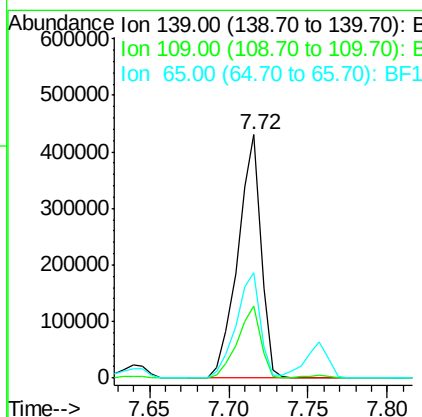
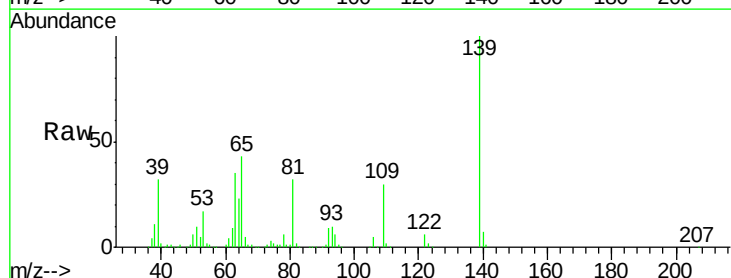
Manual Integrations
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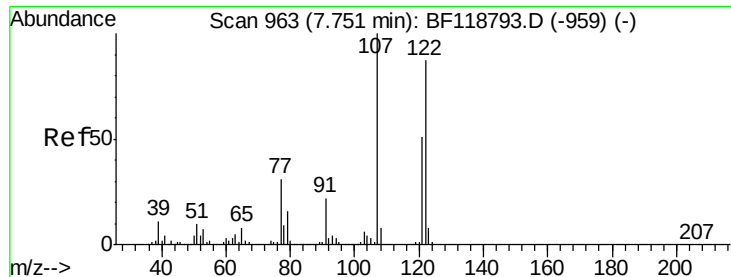
mohammad
2/13/2020 10:28:38 AM



#26
2-Nitrophenol
Concen: 40.170 ng
RT: 7.72 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	139	Resp	437791
Ion Ratio	100	Lower	Upper
139	100		
109	29.8	23.4	35.0
65	43.4	36.2	54.2





#27

2,4-Dimethylphenol

Concen: 44.617 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

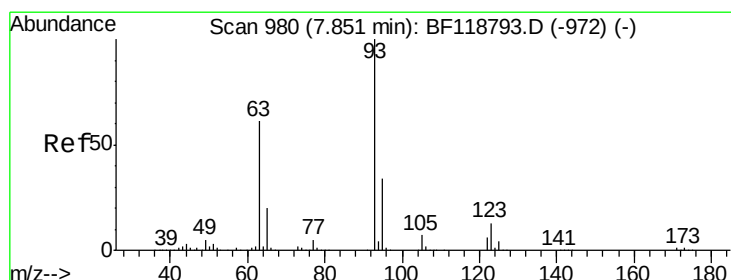
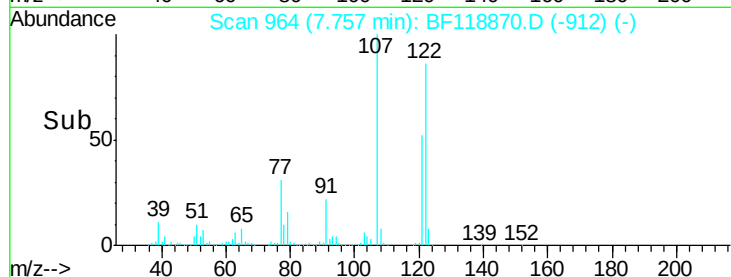
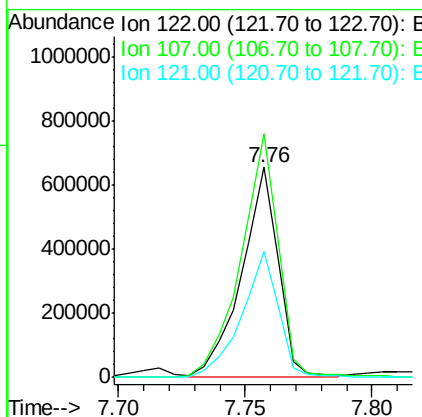
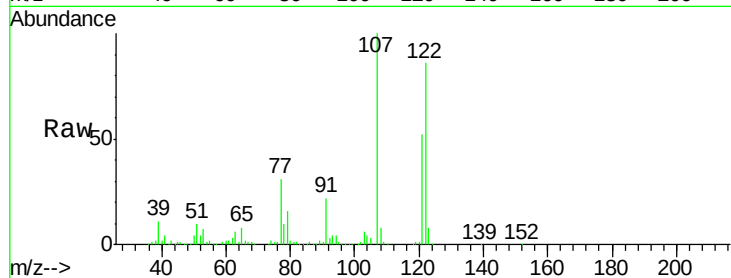
ClientSampleId :

PB126704BS

Tot Ion:	122	Resp:	660532
Ion Ratio	Lower	Upper	
122	100		
107	116.1	92.2	138.2
121	59.9	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 37.699 ng

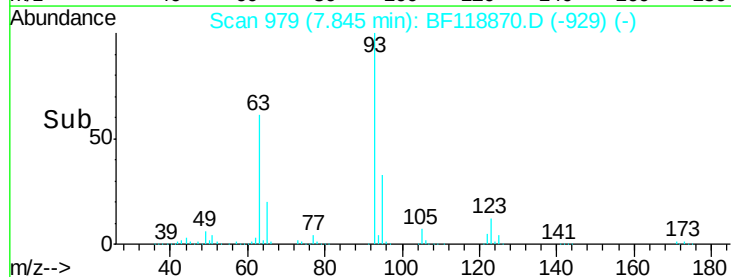
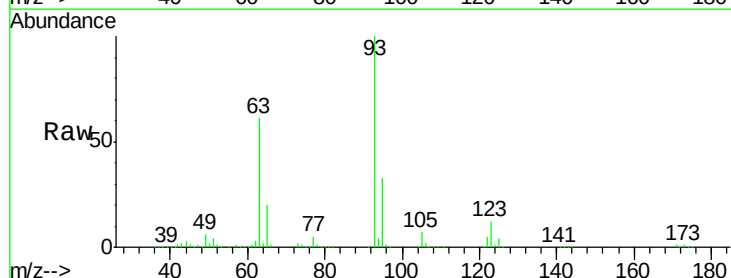
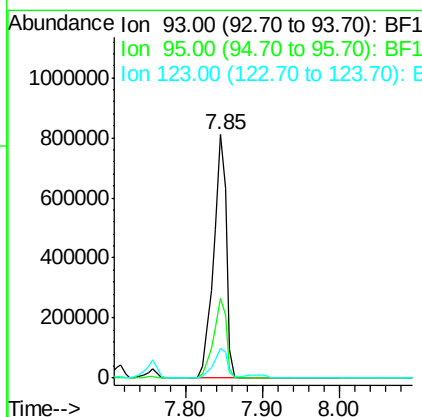
RT: 7.85 min Scan# 979

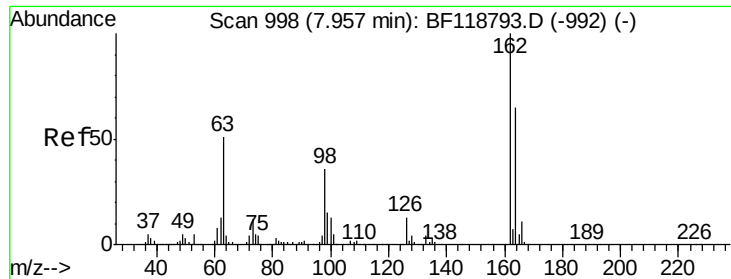
Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	93	Resp:	899486
Ion Ratio	Lower	Upper	
93	100		
95	32.8	27.0	40.4
123	12.3	10.6	15.8





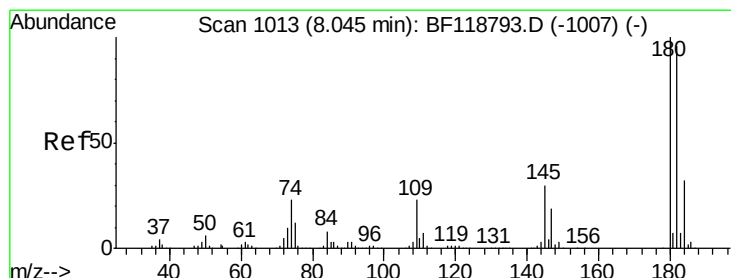
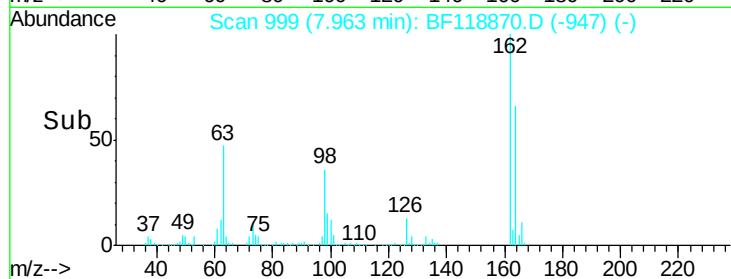
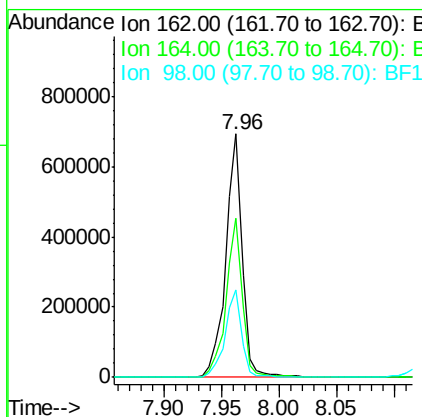
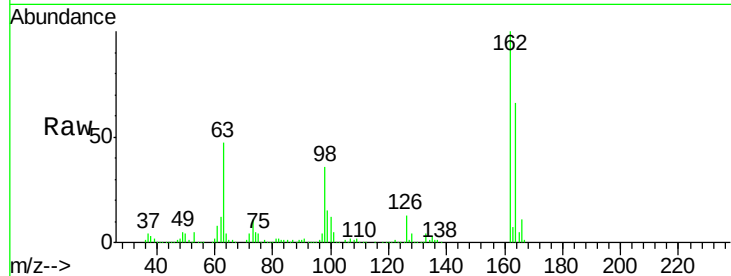
#29
2,4-Dichlorophenol
Concen: 38.821 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	688284		
164	65.5	44.8	84.8	
98	35.9	16.4	56.4	

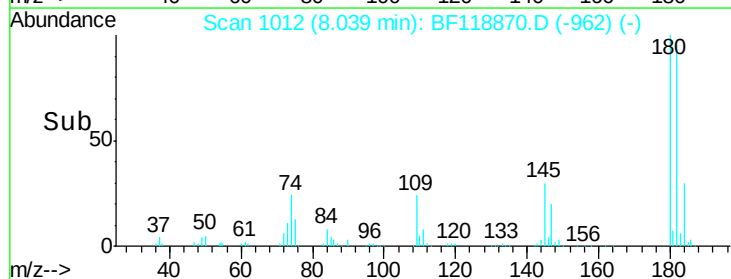
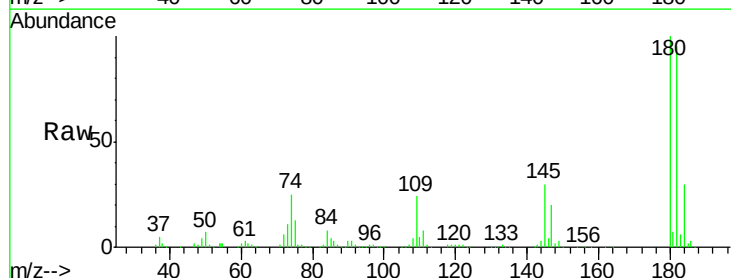
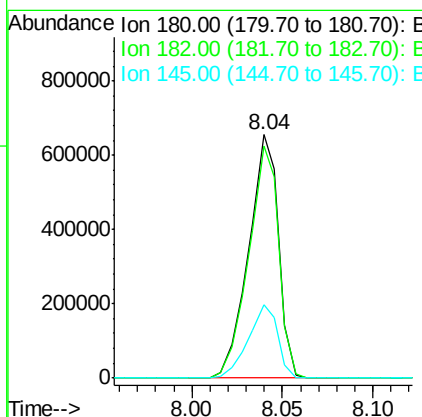
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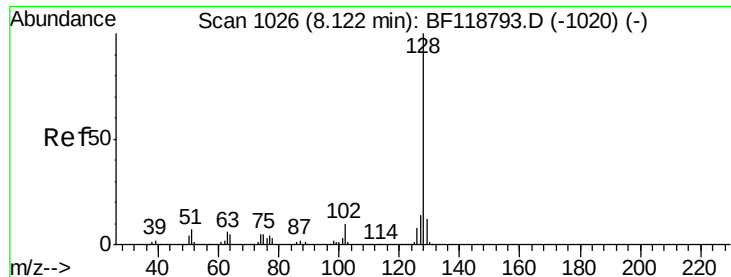
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.135 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	748837		
182	95.3	76.6	115.0	
145	30.2	24.0	36.0	





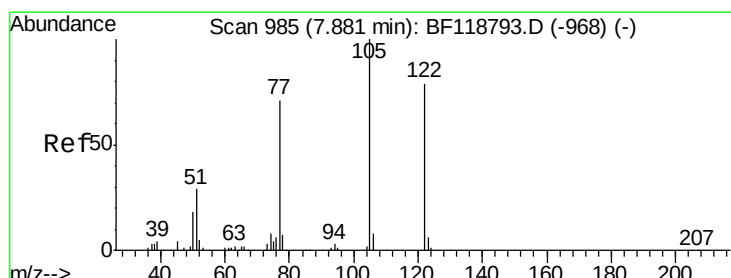
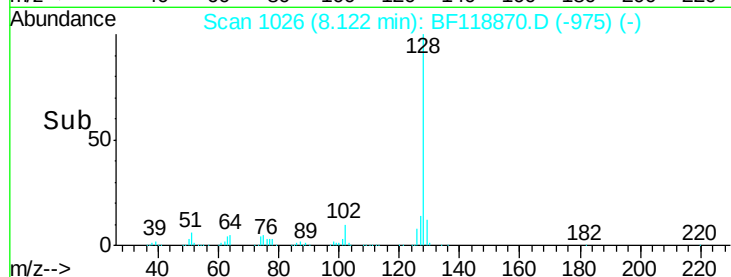
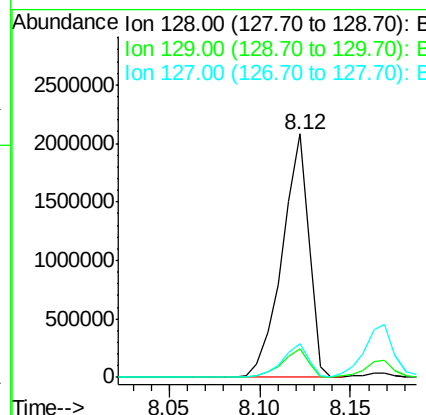
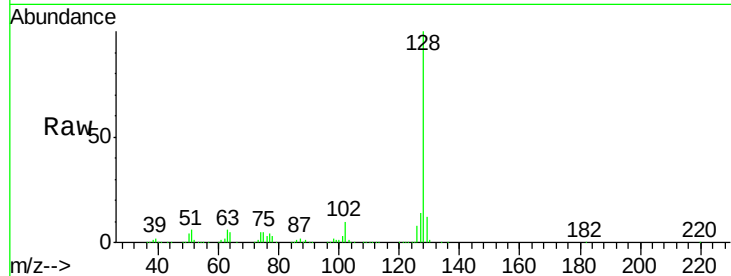
#31
Naphthalene
Concen: 38.306 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.9	11.3	16.9

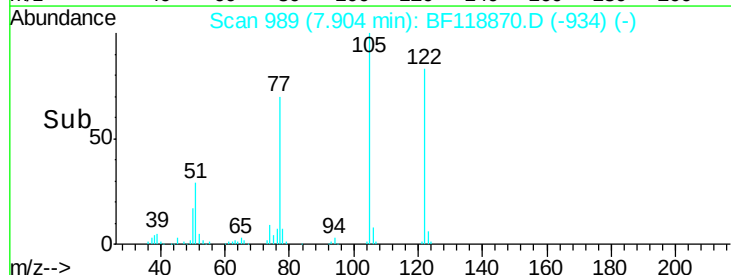
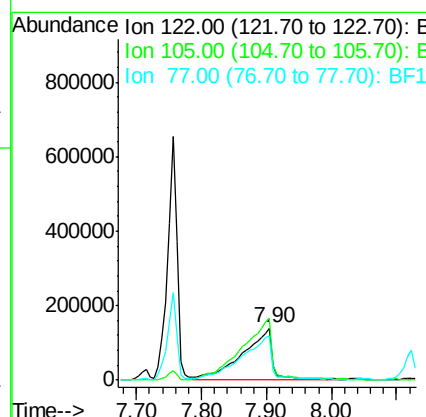
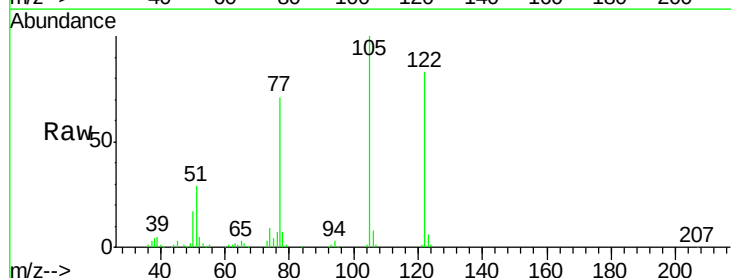
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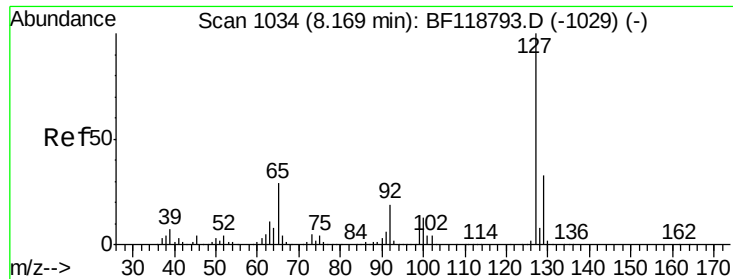
mohammad
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#32
Benzoic acid
Concen: 35.610 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.02 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.9	104.4	144.4
77	85.2	69.3	109.3





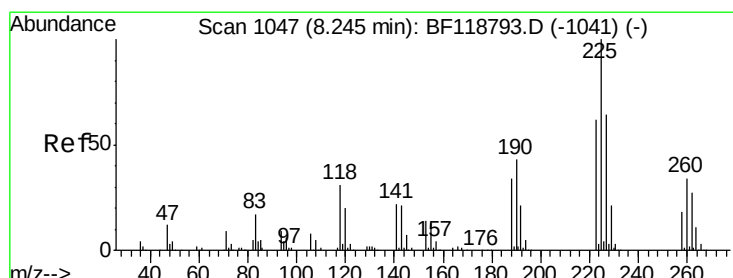
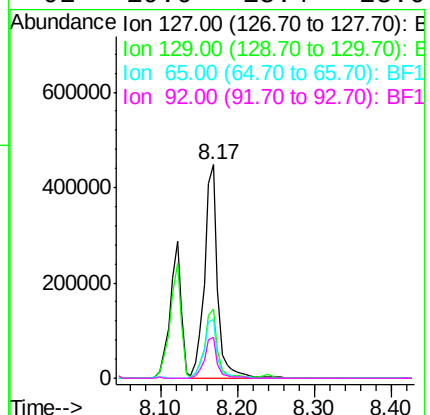
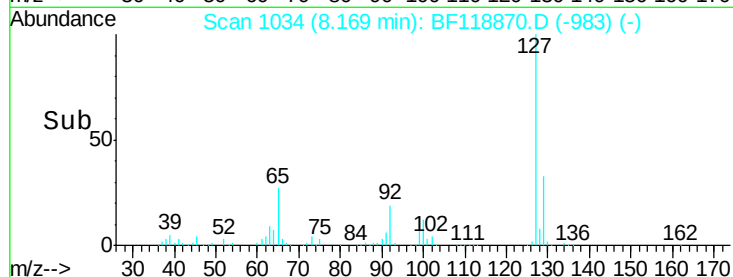
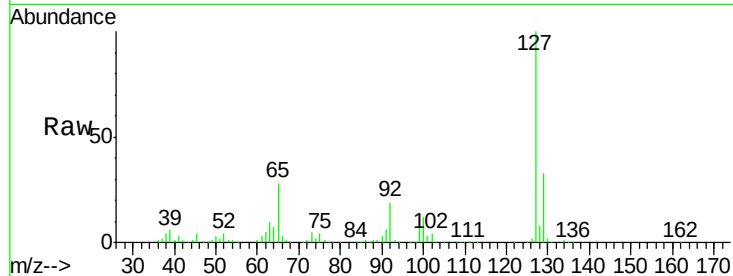
#33
4-Chloroaniline
Concen: 21.440 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.7	40.1
65	27.8	22.9	34.3
92	19.0	15.4	23.0

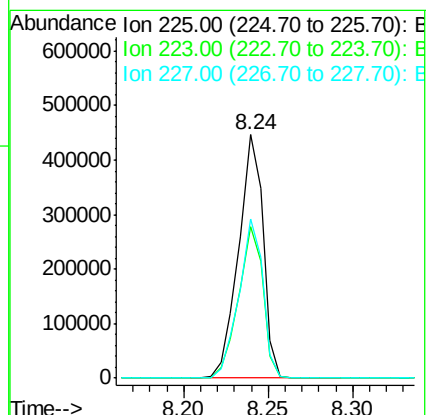
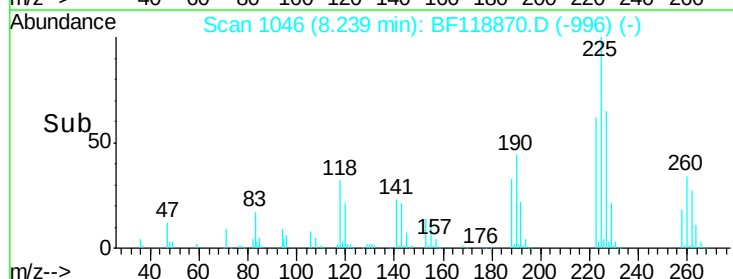
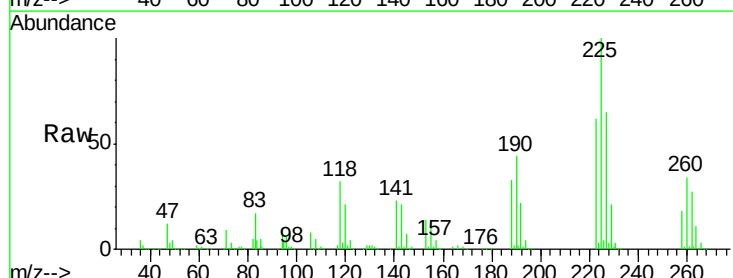
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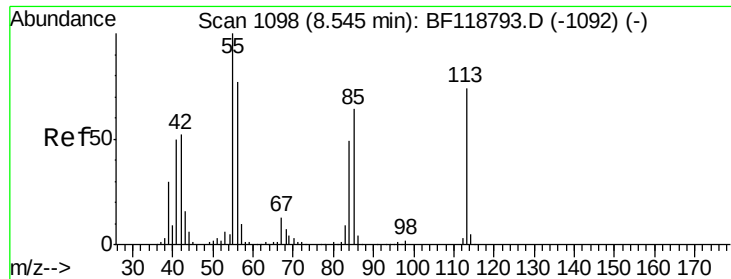
mohammad
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#34
Hexachlorobutadiene
Concen: 35.538 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.4	49.8	74.8
227	65.2	51.0	76.4





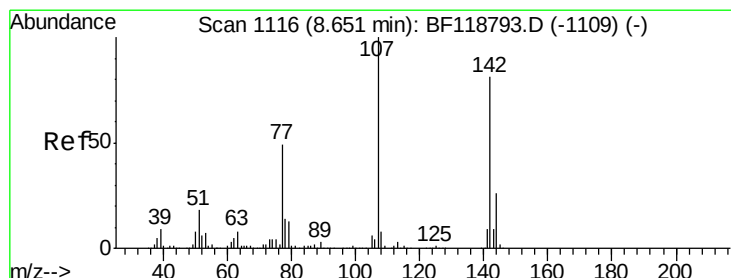
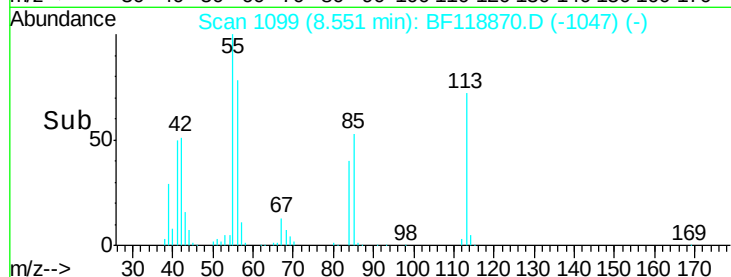
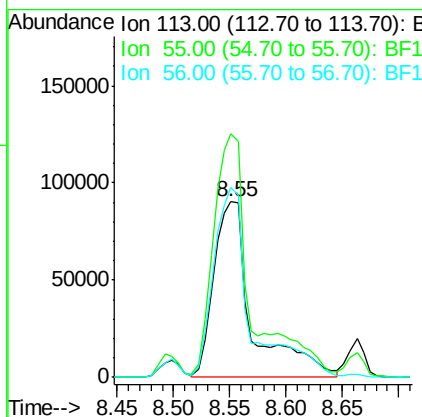
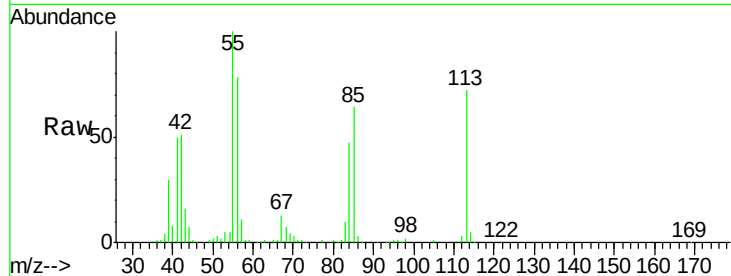
#35
Caprolactam
Concen: 37.515 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.8	115.5	155.5
56	108.4	83.7	123.7

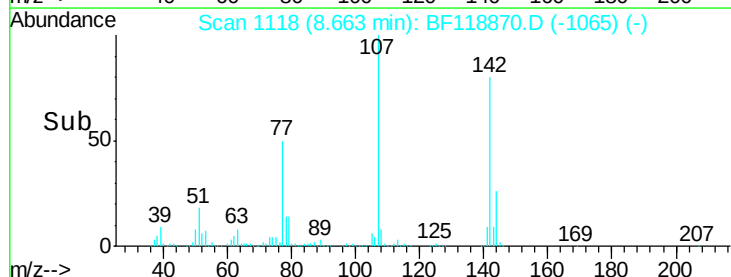
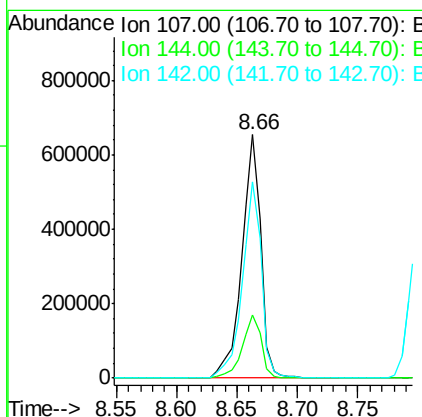
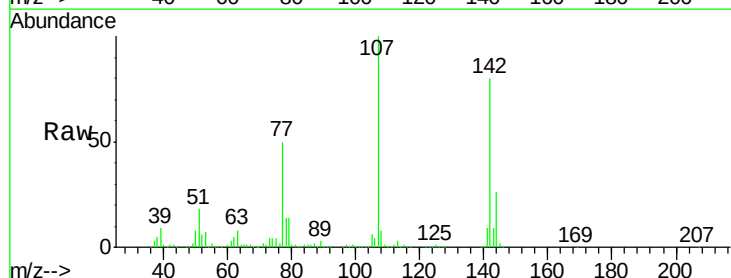
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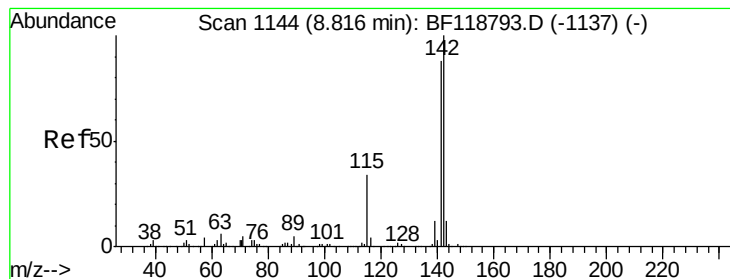
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.240 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.0	31.6
142	80.4	64.8	97.2





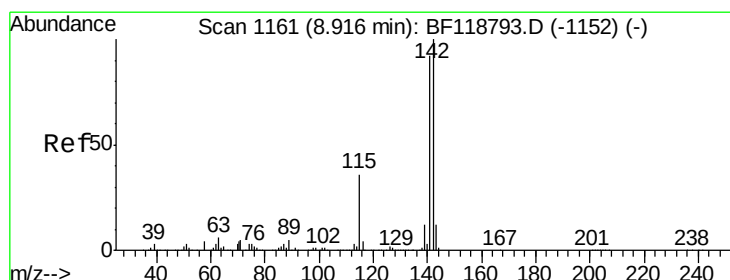
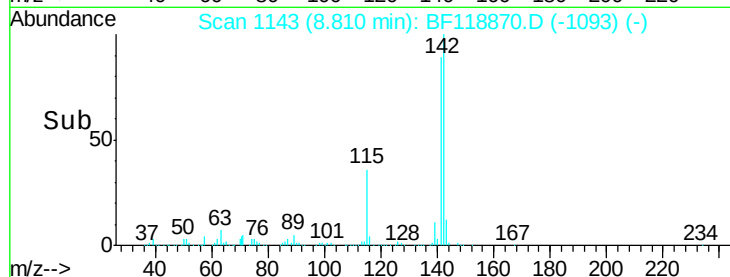
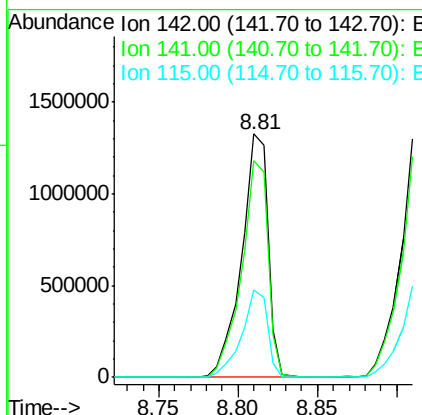
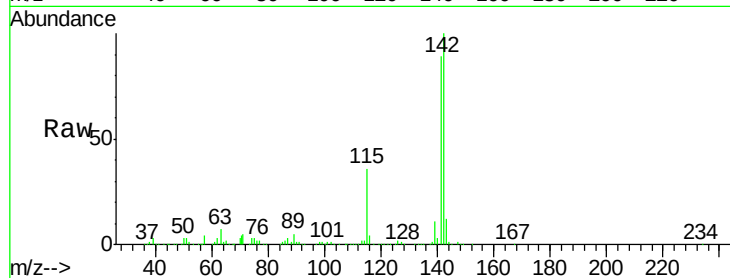
#37
2-Methylnaphthalene
Concen: 39.709 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:142 Resp: 1537079
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1
115 35.7 27.3 40.9

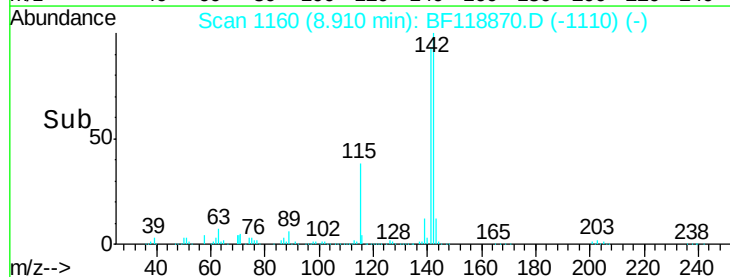
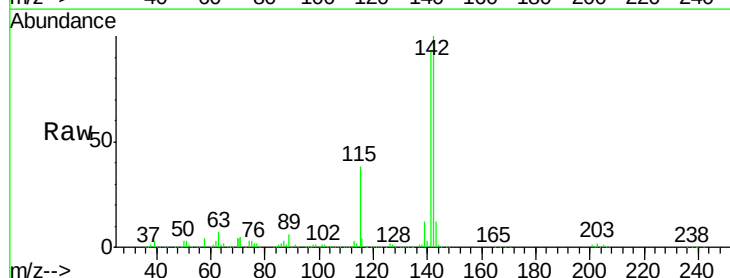
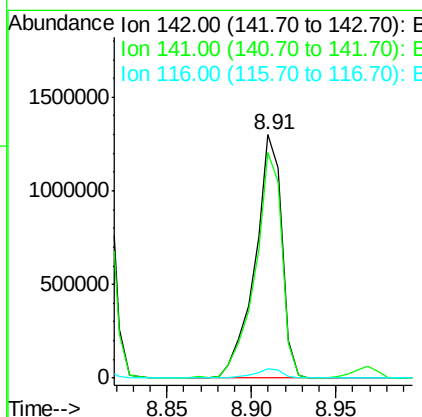
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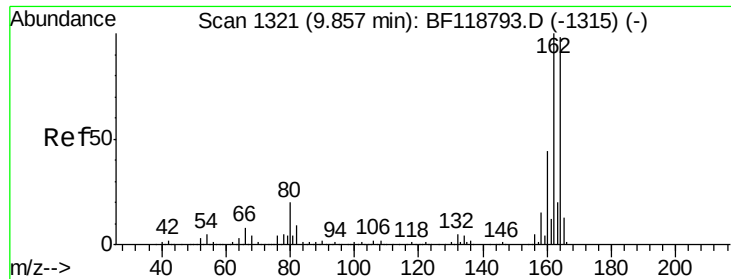
mohammad
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#38
1-Methylnaphthalene
Concen: 39.443 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:142 Resp: 1436247
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6
116 4.1 3.0 4.4





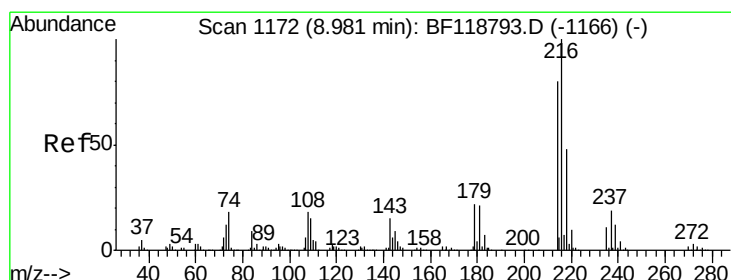
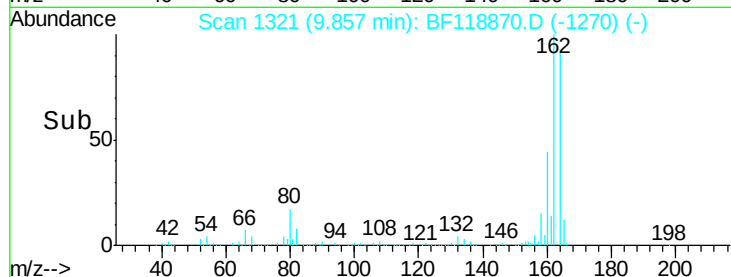
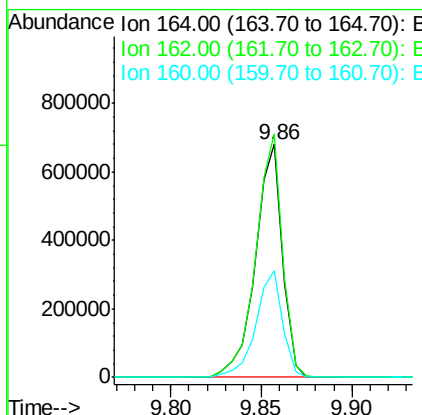
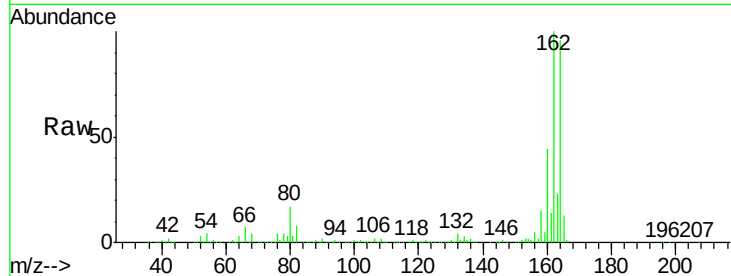
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	81.4	122.2	
160	45.8	35.6	53.4	

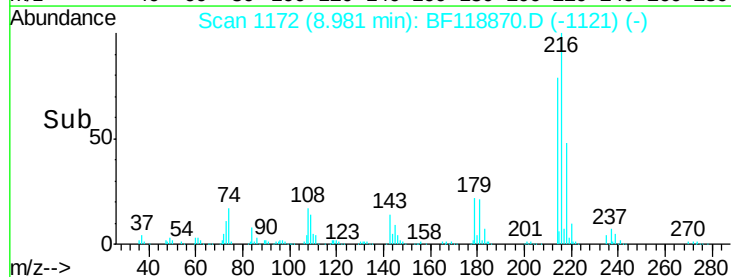
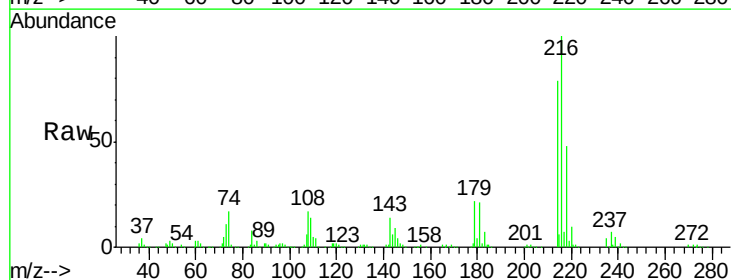
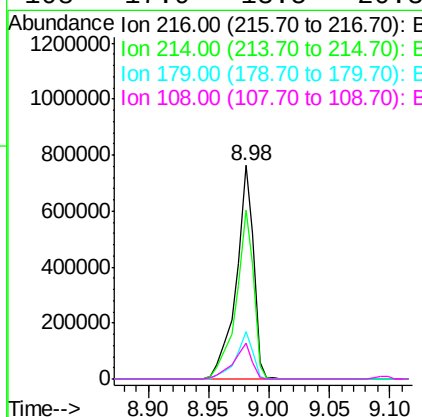
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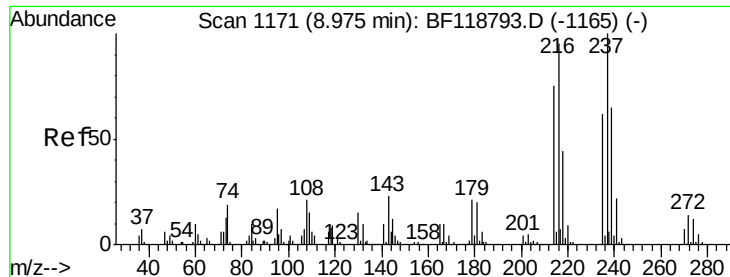
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.982 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	21.6	17.0	25.6	
108	17.9	13.5	20.3	





#41

Hexachlorocyclopentadiene

Concen: 61.188 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

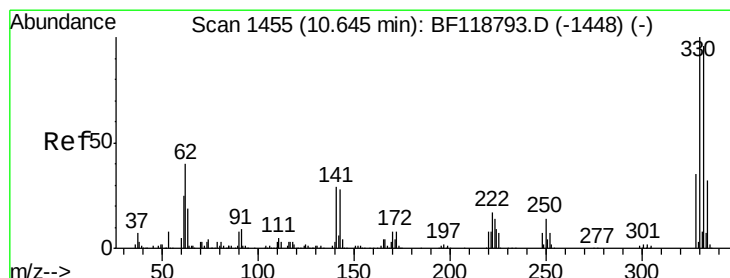
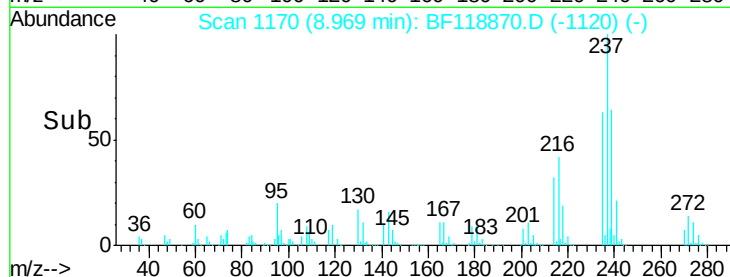
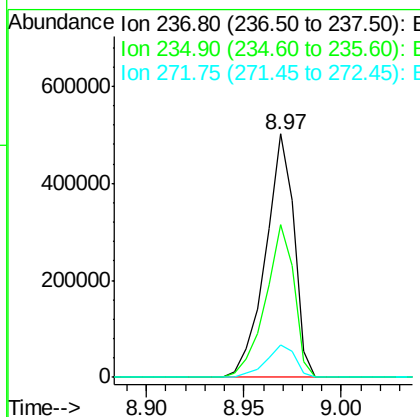
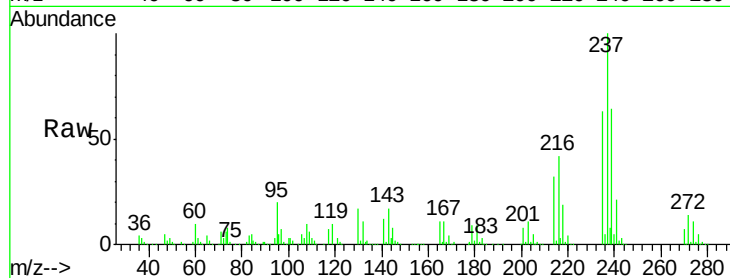
ClientSampleId :

PB126704BS

Tot Ion:	237	Resp:	508994
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.1	82.1
272	13.6	0.0	34.4

Manual Integrations
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2/13/2020 10:28:38 AM



#42

2,4,6-Tribromophenol

Concen: 105.159 ng

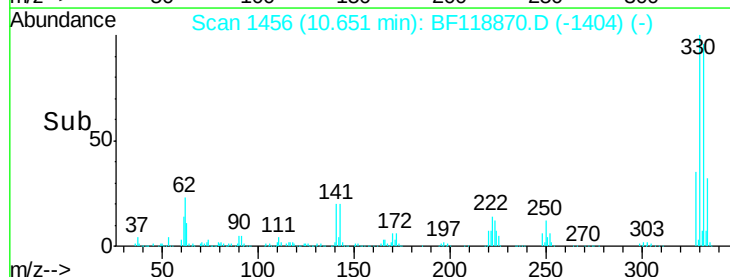
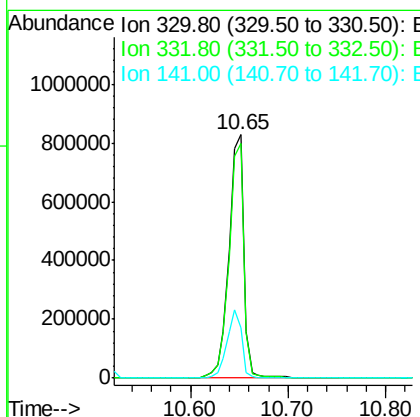
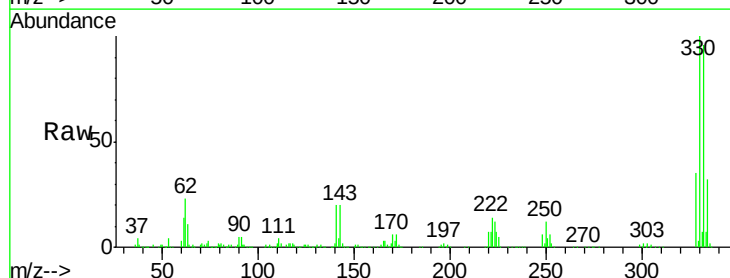
RT: 10.65 min Scan# 1456

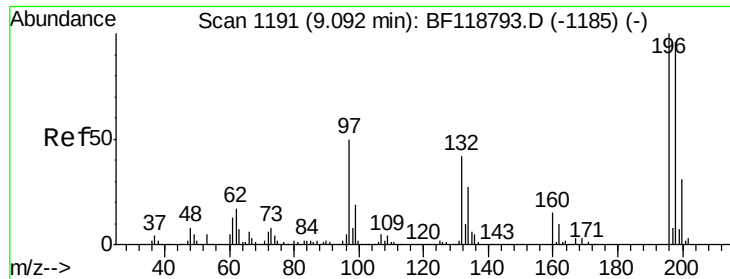
Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	330	Resp:	884444
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.3	115.9
141	27.6	22.4	33.6





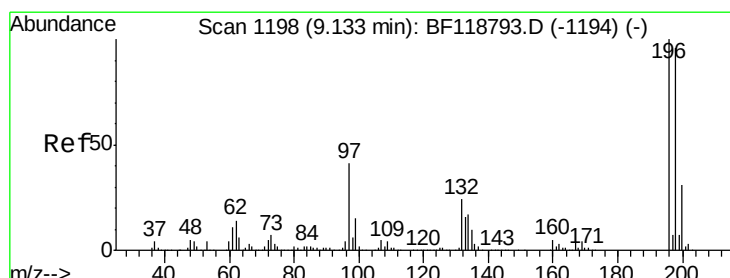
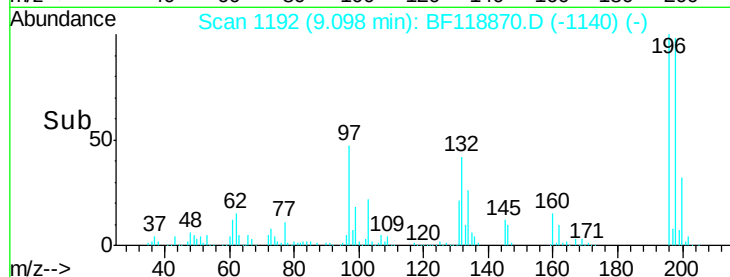
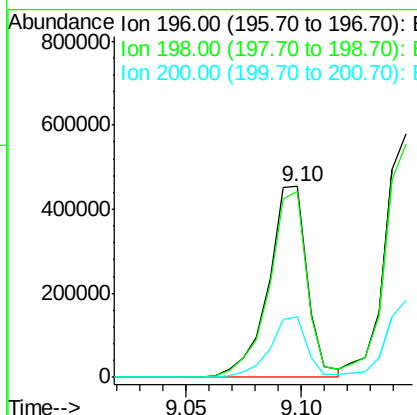
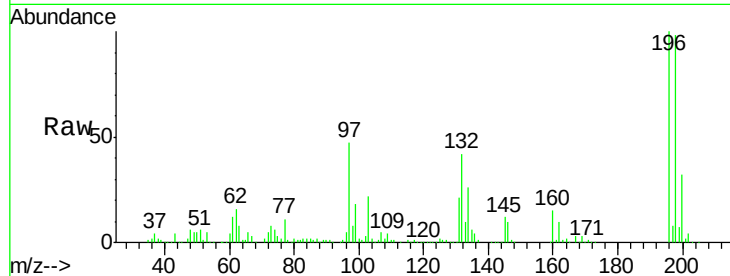
#43
 2,4,6-Trichlorophenol
 Concen: 37.328 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion:	196	Resp:	529543
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.7	115.1
200	31.8	24.9	37.3

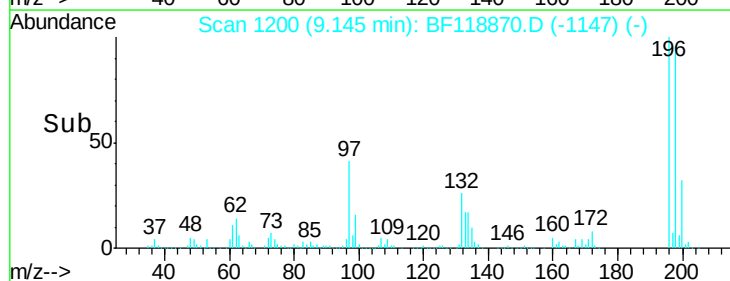
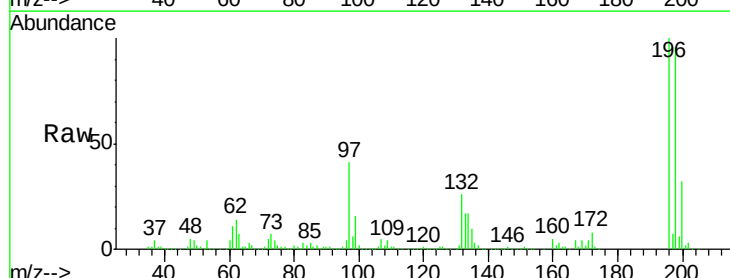
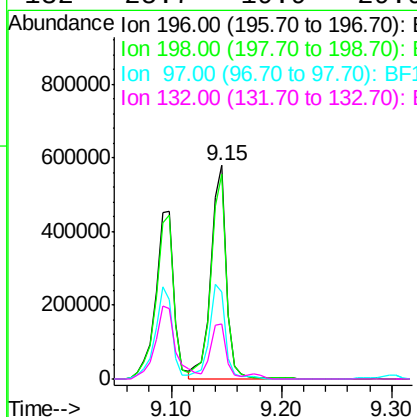
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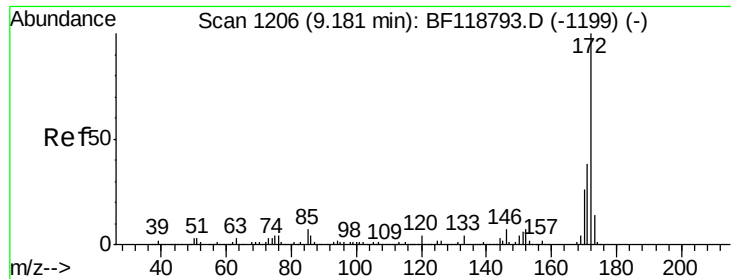
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.930 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion:	196	Resp:	549792
Ion Ratio	Lower	Upper	
196	100		
198	95.9	77.0	115.4
97	41.0	32.9	49.3
132	25.7	19.9	29.9





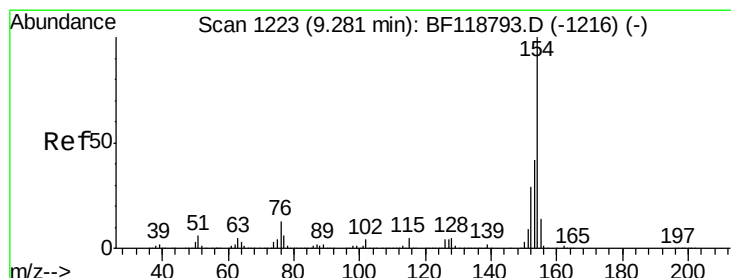
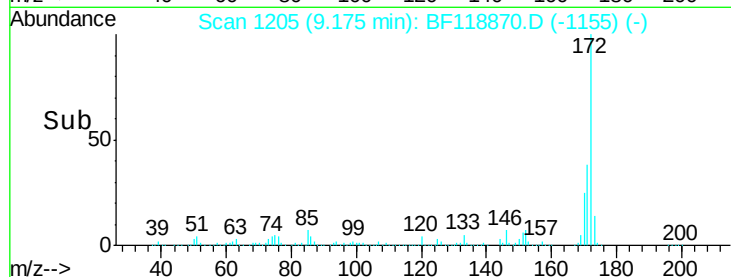
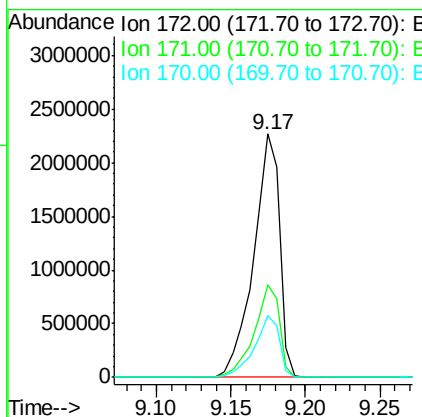
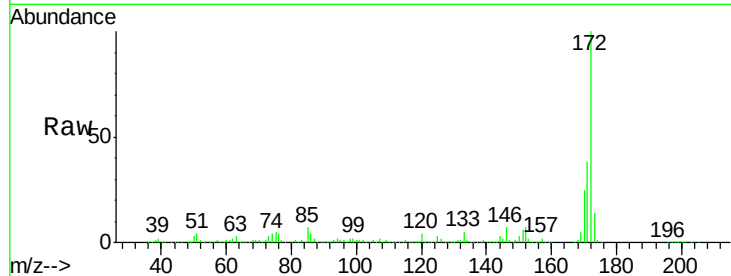
#45
2-Fluorobiphenyl
Concen: 68.486 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.2	20.5	30.7

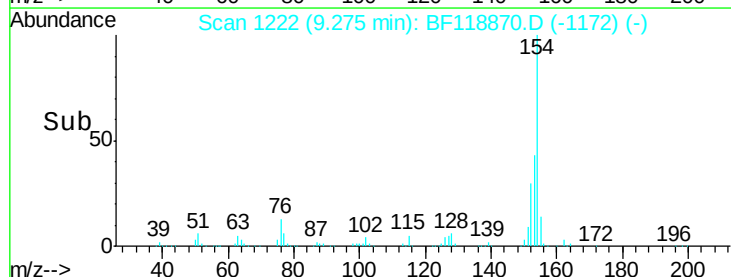
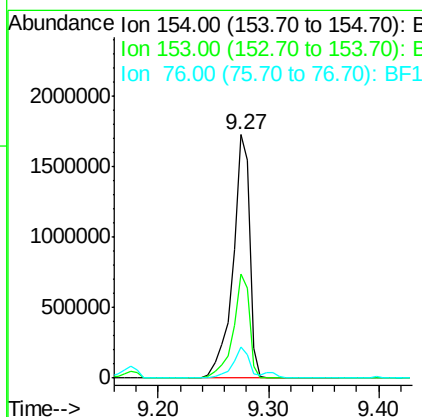
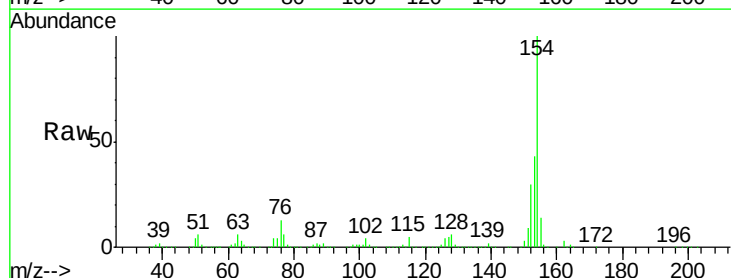
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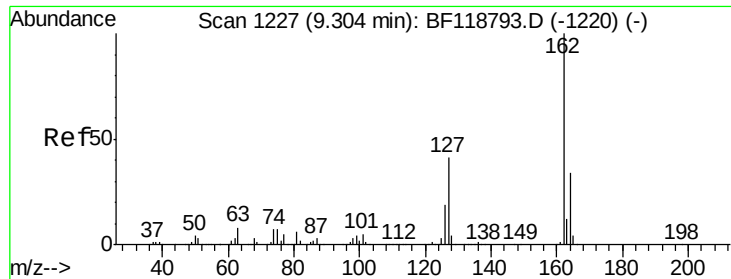
mohammad
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#46
1,1'-Biphenyl
Concen: 37.653 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.4	62.4
76	13.0	0.0	32.7





#47

2-Chloronaphthalene

Concen: 36.569 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:162 Resp: 1478209

Ion Ratio Lower Upper

162 100

127 40.9 33.3 49.9

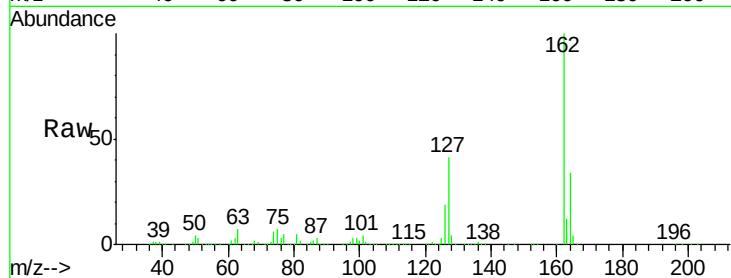
164 33.6 27.1 40.7

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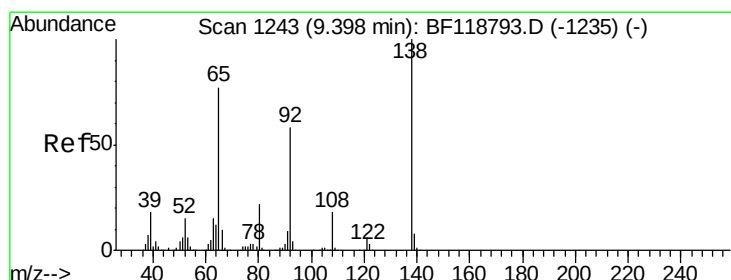
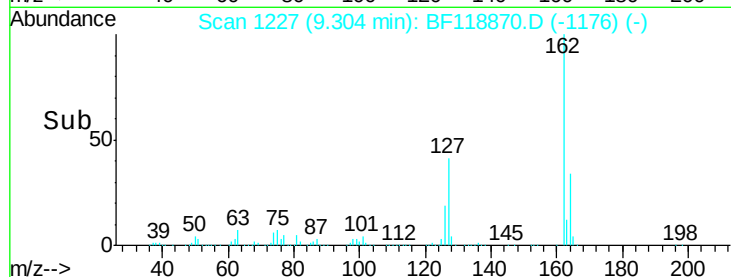
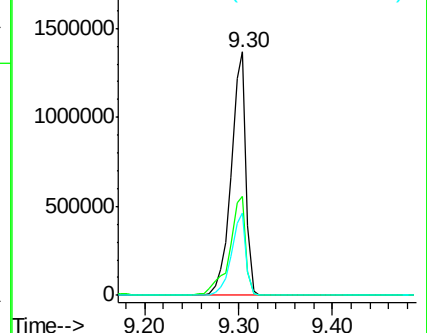
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.261 ng

RT: 9.40 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

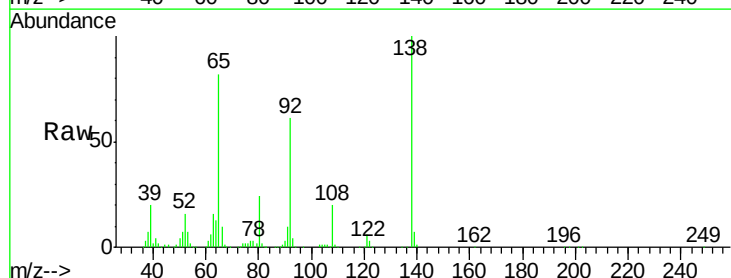
Tgt Ion: 65 Resp: 422747

Ion Ratio Lower Upper

65 100

92 74.6 60.6 91.0

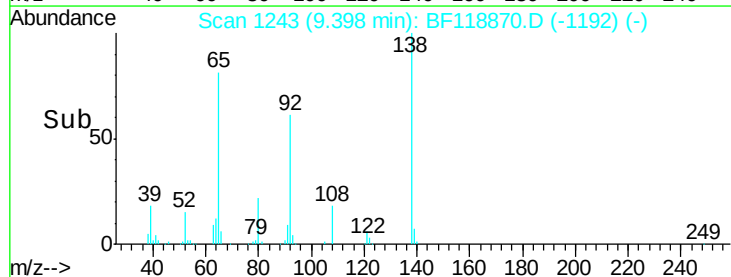
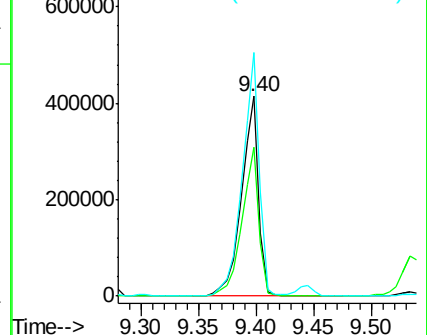
138 122.0 104.6 156.8

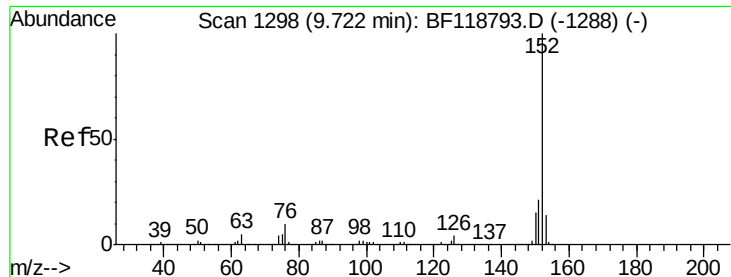


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.113 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

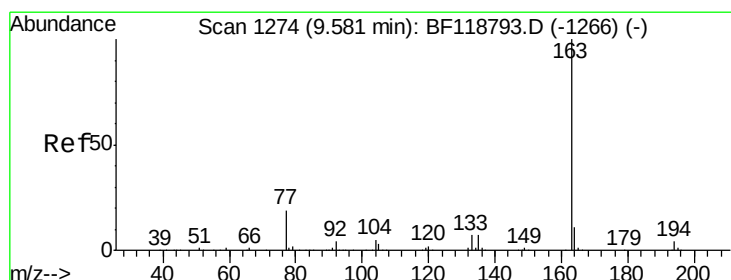
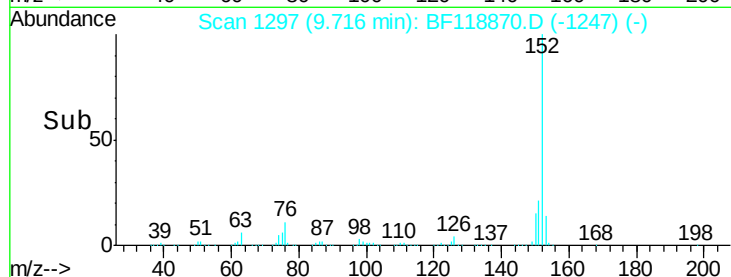
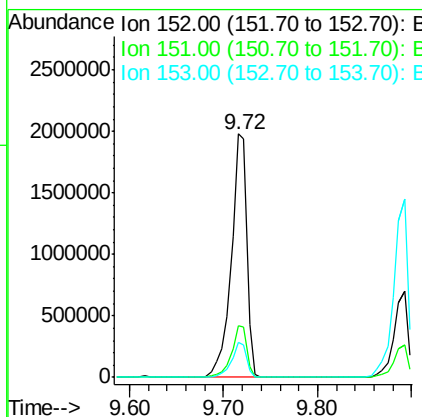
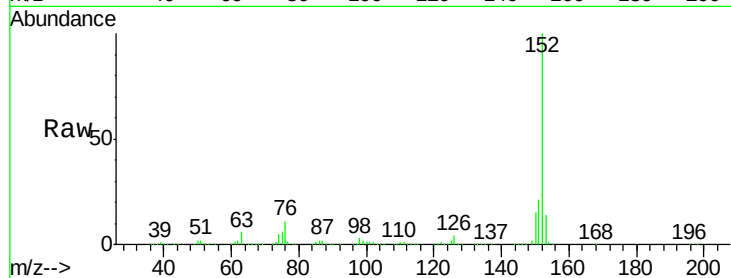
ClientSampleId :

PB126704BS

Tot Ion:	152	Resp:	2282825
Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 39.281 ng

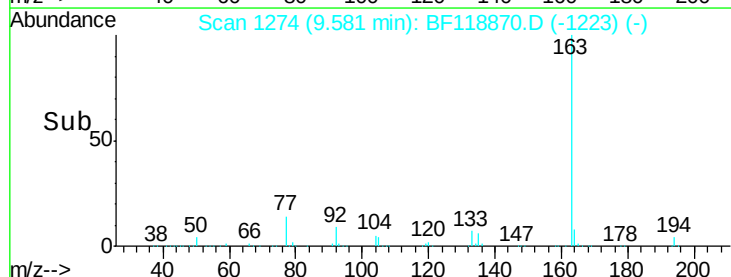
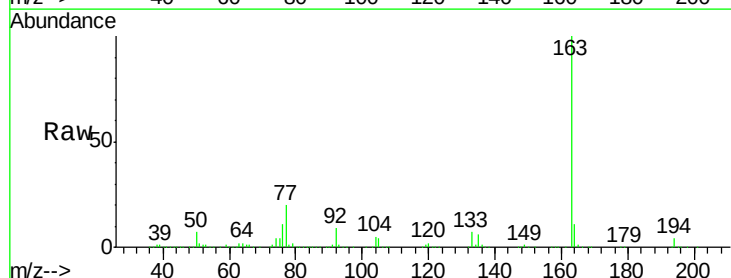
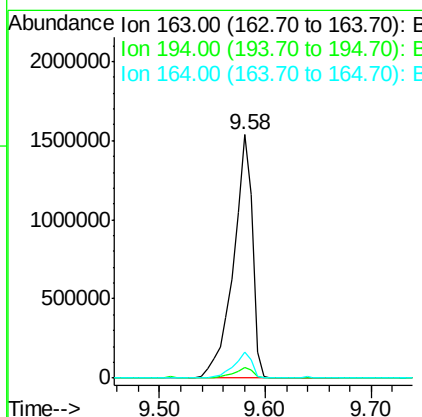
RT: 9.58 min Scan# 1274

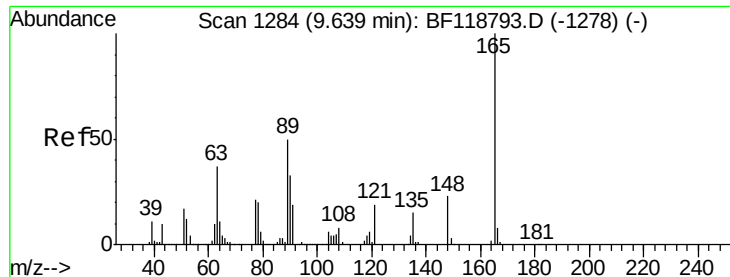
Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	163	Resp:	1880057
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 39.064 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

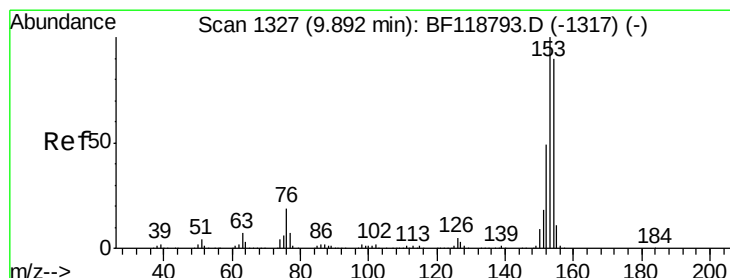
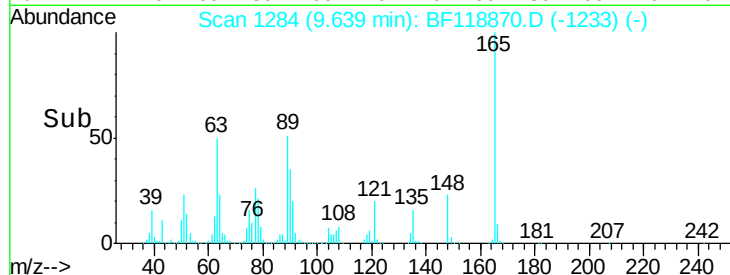
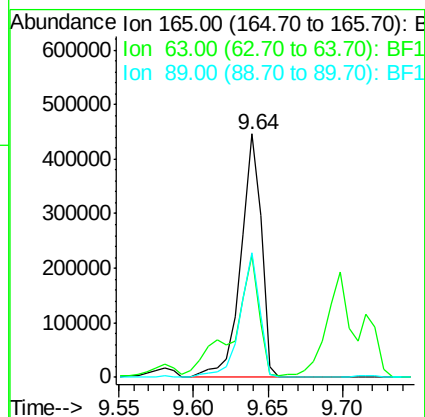
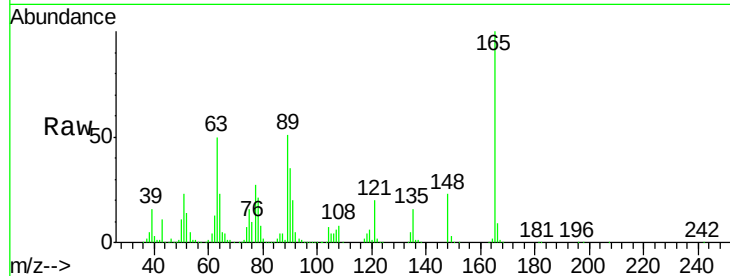
ClientSampleId :

PB126704BS

Tot Ion:	165	Resp:	427802
Ion Ratio	Lower	Upper	
165	100		
63	50.3	37.4	56.0
89	51.2	39.7	59.5

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#52

Acenaphthene

Concen: 35.696 ng

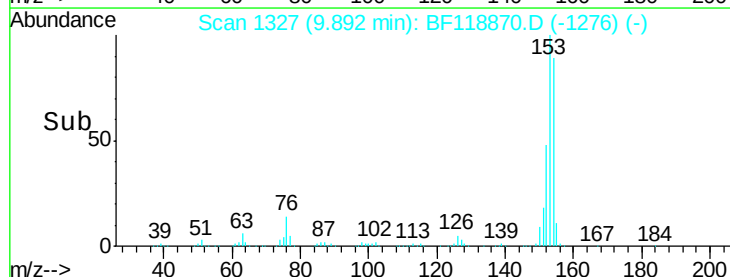
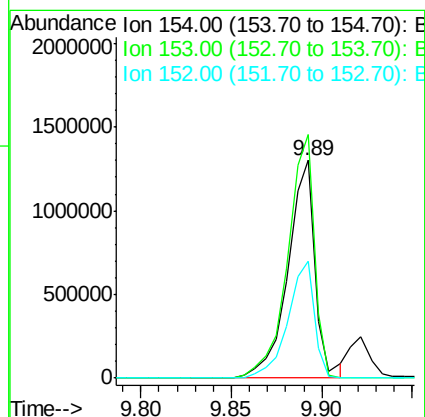
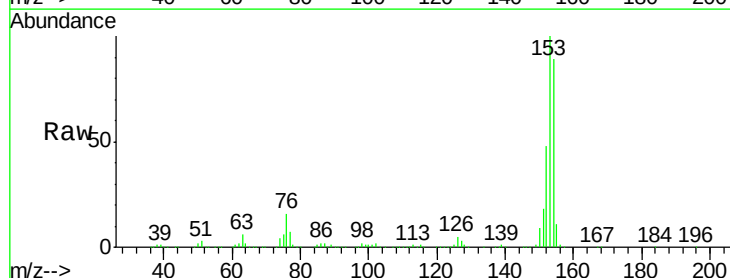
RT: 9.89 min Scan# 1327

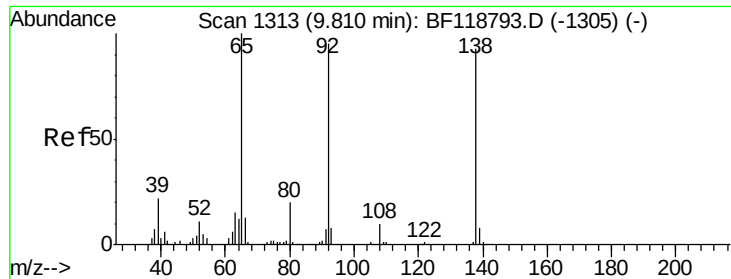
Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	154	Resp:	1372842
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.4	134.0
152	53.7	43.6	65.4





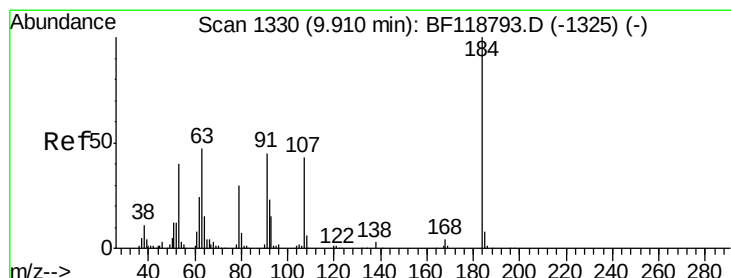
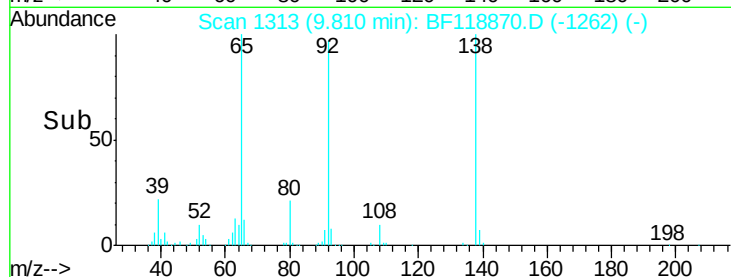
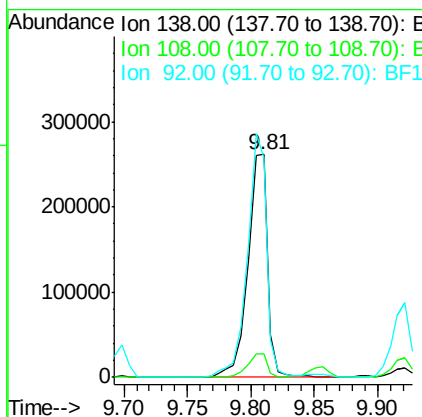
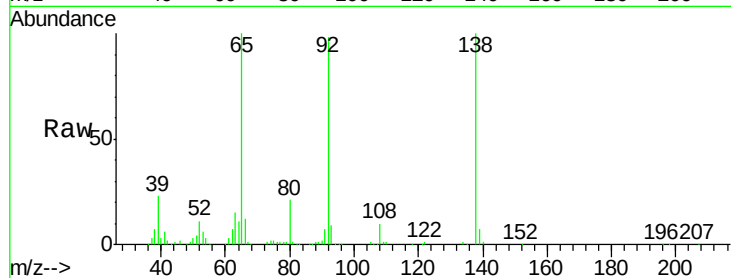
#53
3-Nitroaniline
Concen: 23.455 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	284860		
108	10.4		8.5	12.7
92	98.6		82.2	123.4

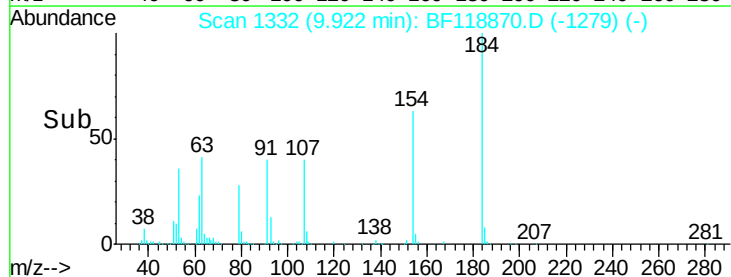
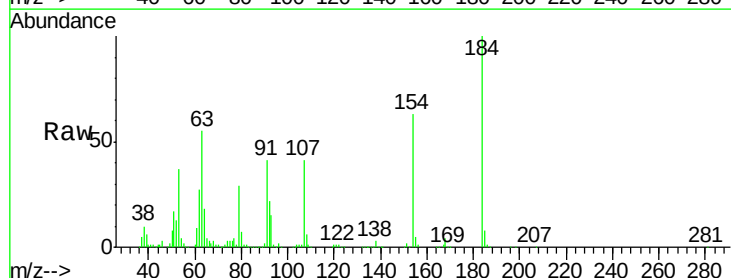
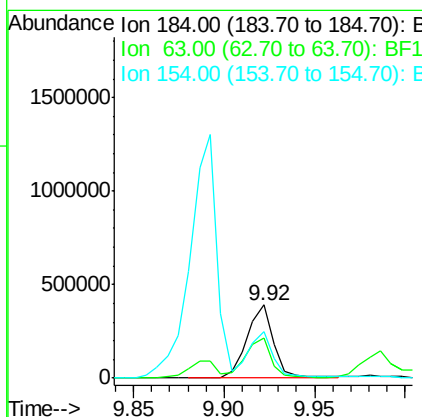
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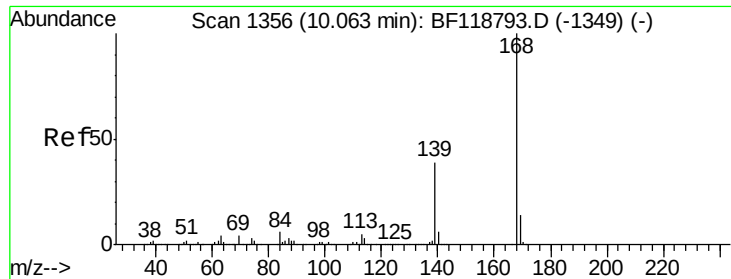
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#54
2,4-Dinitrophenol
Concen: 76.710 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	403852		
63	55.3		47.5	71.3
154	63.5		48.6	72.8





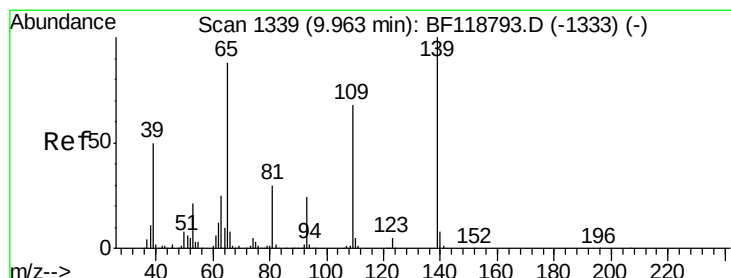
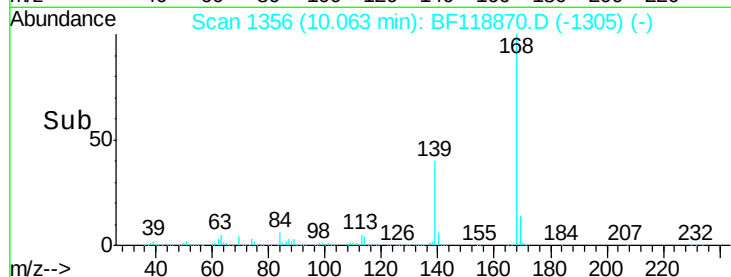
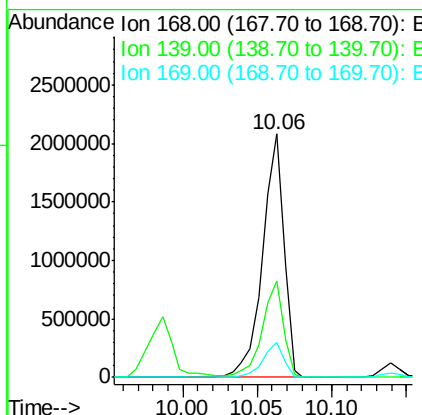
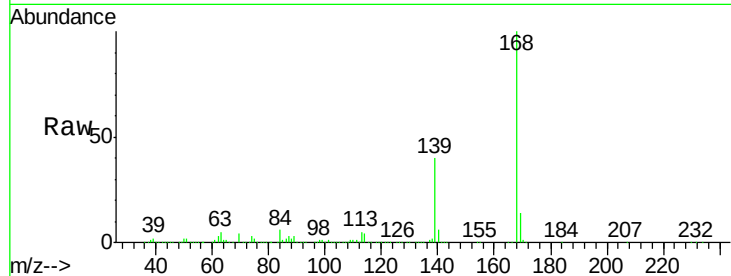
#55
Dibenzofuran
Concen: 36.740 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.6	47.4
169	14.1	11.4	17.2

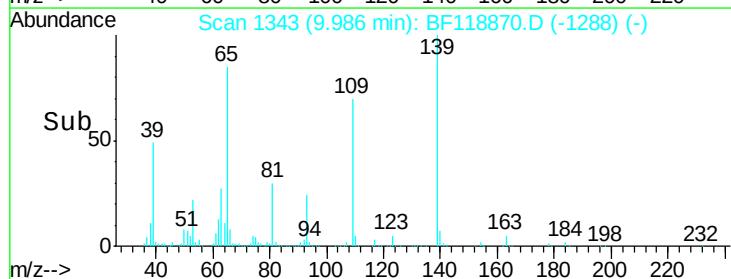
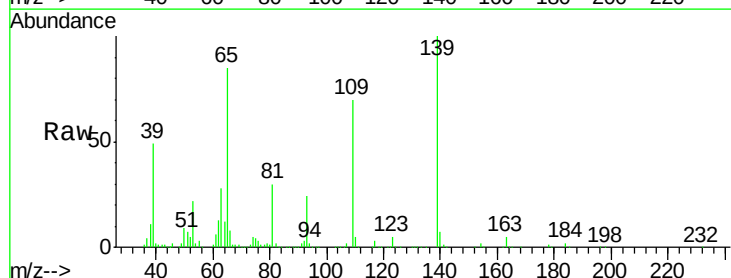
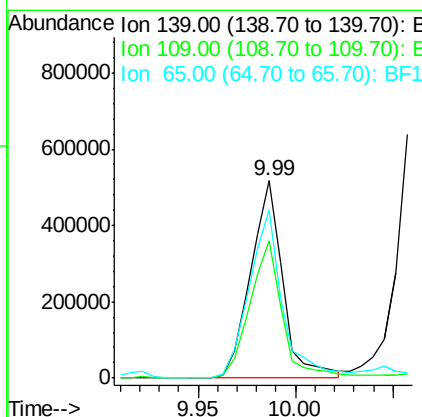
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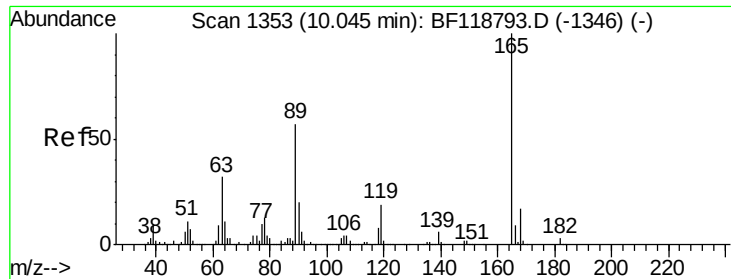
mohammad
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#56
4-Nitrophenol
Concen: 67.203 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.6	48.0	88.0
65	85.4	68.3	108.3





#57

2,4-Dinitrotoluene

Concen: 38.556 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:165 Resp: 558782

Ion Ratio Lower Upper

165 100

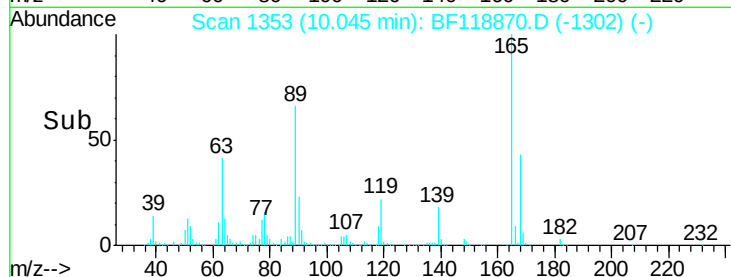
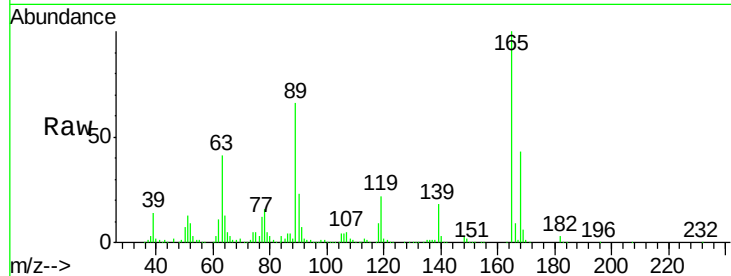
63 40.6 25.5 38.3#

89 66.0 45.4 68.0

182 3.1 2.4 3.6

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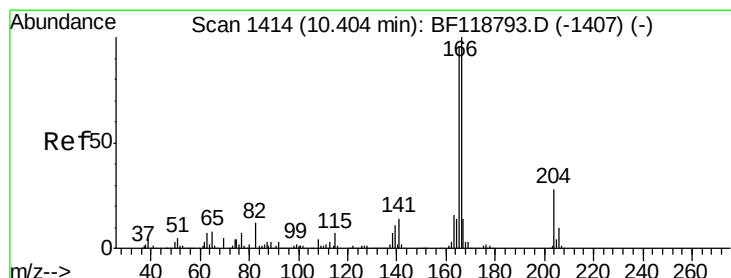
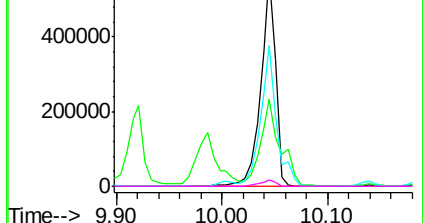


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 37.214 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

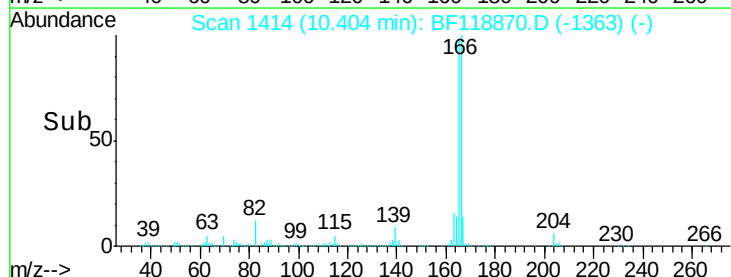
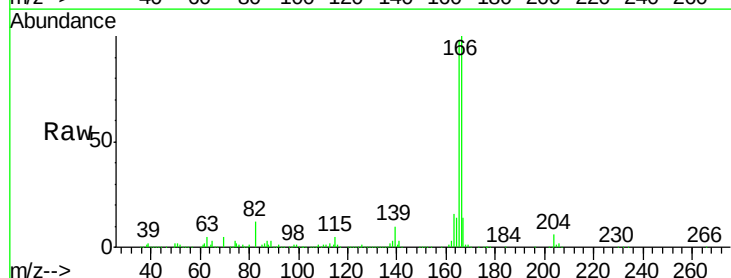
Tgt Ion:166 Resp: 1556087

Ion Ratio Lower Upper

166 100

165 97.7 77.0 115.6

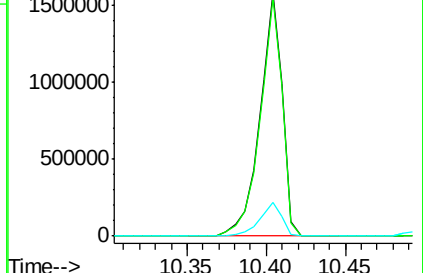
167 13.7 11.1 16.7

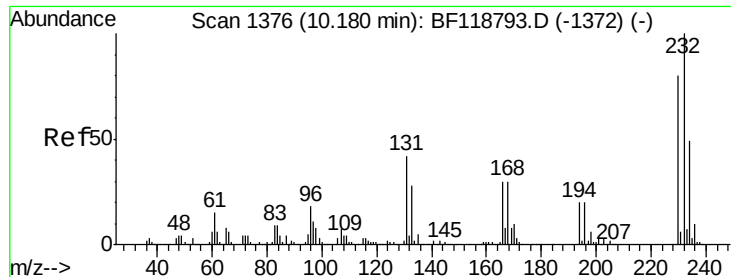


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





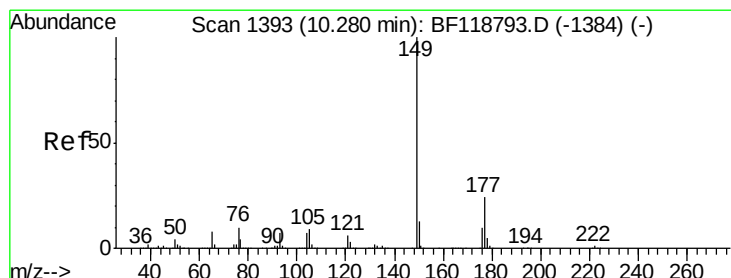
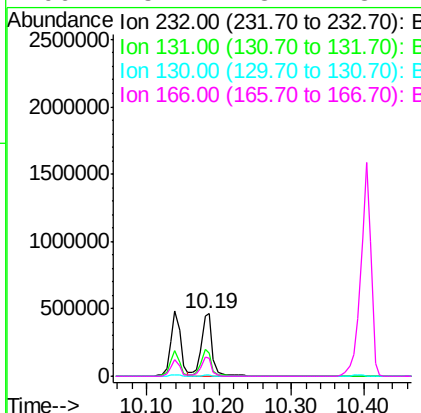
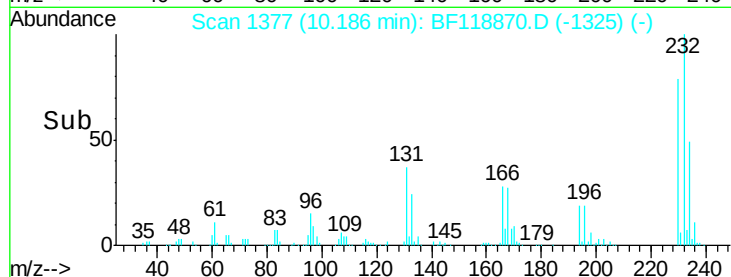
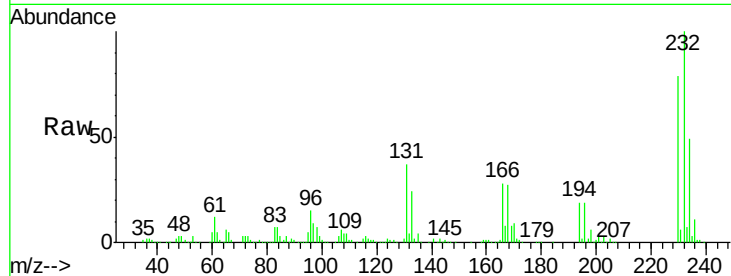
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.089 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	494824		
131	40.8	31.8	47.6	
130	2.1	1.6	2.4	
166	28.7	23.1	34.7	

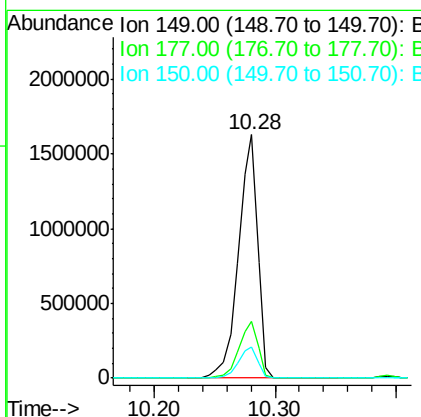
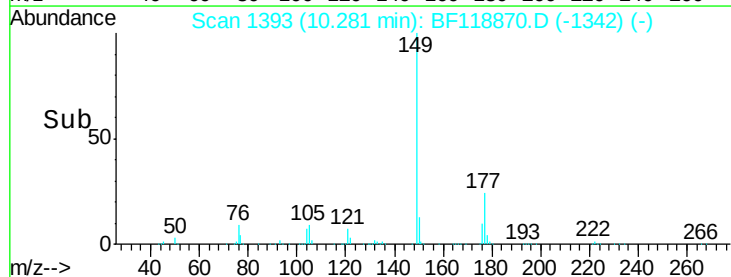
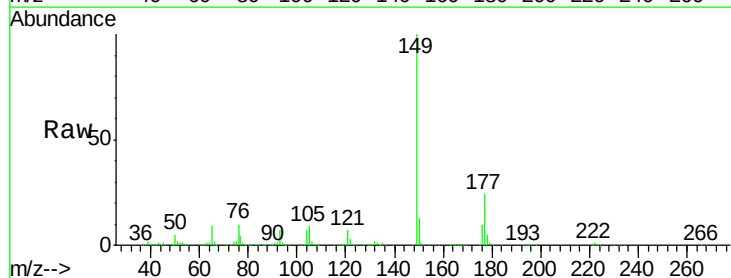
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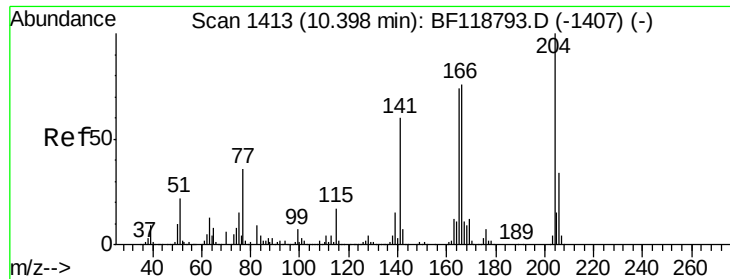
mohammad
2/13/2020 10:28:38 AM



#60
Diethylphthalate
Concen: 38.637 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1798164		
177	23.5	19.3	28.9	
150	12.9	10.4	15.6	





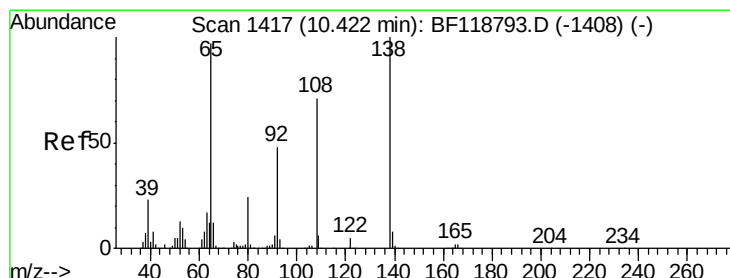
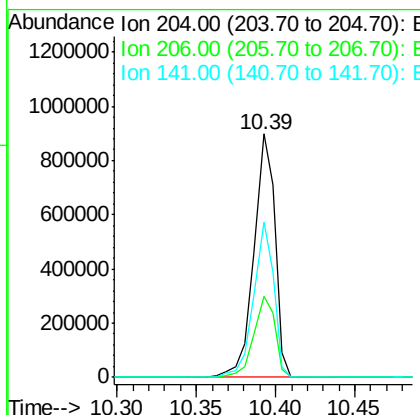
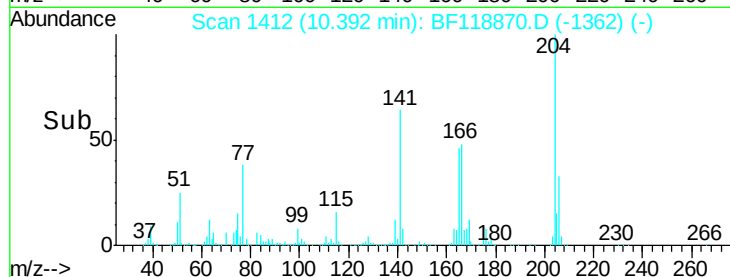
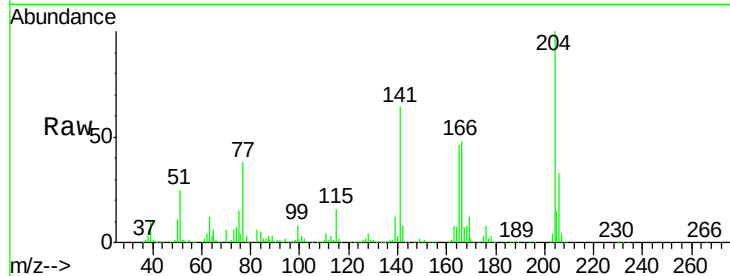
#61
4-Chlorophenyl-phenylether
Concen: 36.603 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.4	41.2
141	63.7	47.8	71.6

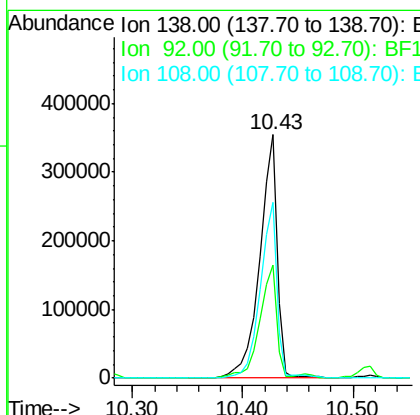
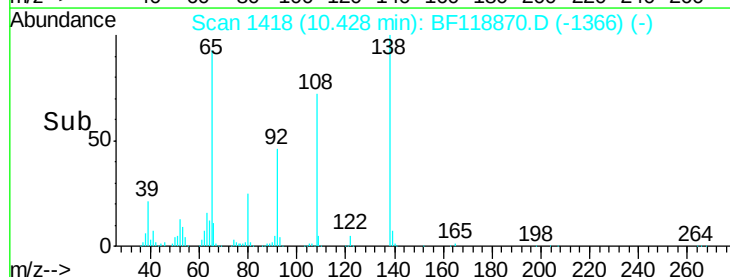
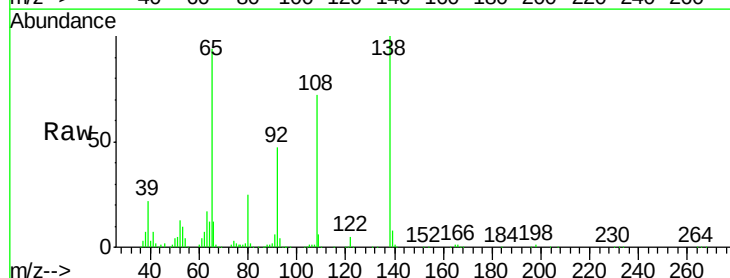
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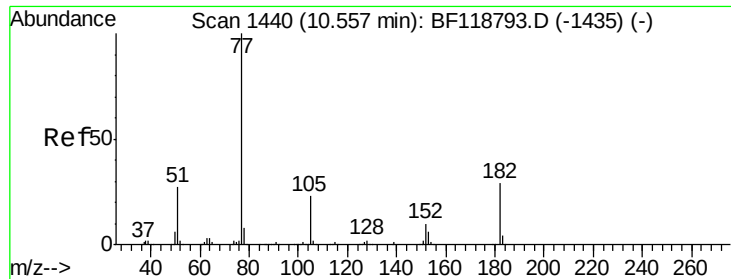
mohammad
2/13/2020 10:28:38 AM



#62
4-Nitroaniline
Concen: 32.784 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	27.6	67.6
108	72.3	51.3	91.3





#63

Azobenzene

Concen: 38.019 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion: 77 Resp: 1510581

Ion Ratio Lower Upper

77 100

182 33.5 9.2 49.2

105 24.0 3.1 43.1

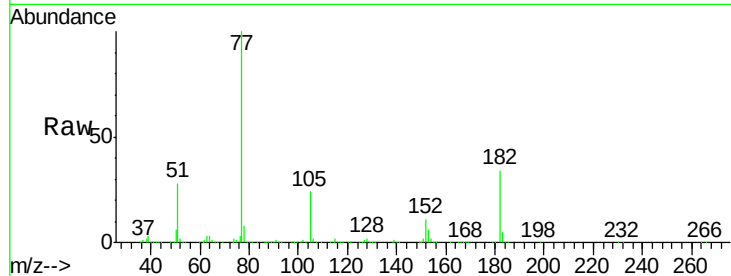
51 27.8 7.4 47.4

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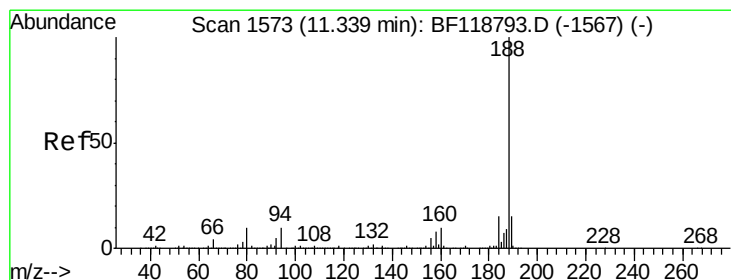
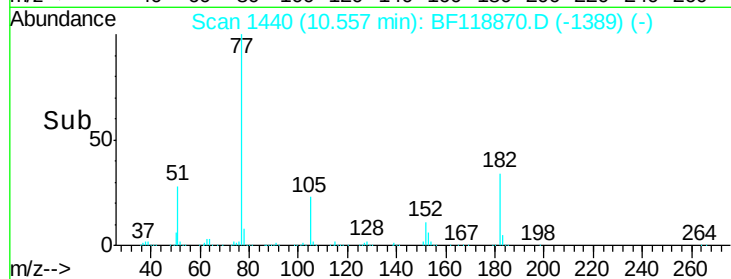
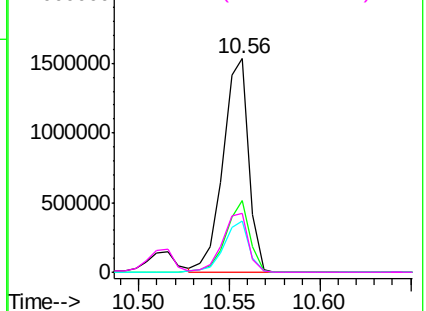


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

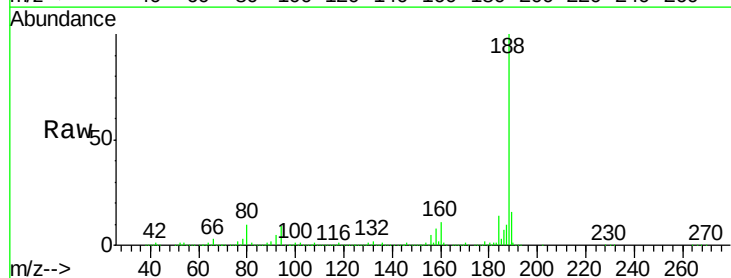
Tgt Ion: 188 Resp: 1311630

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

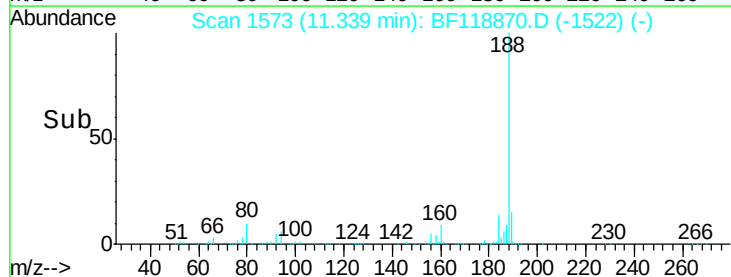
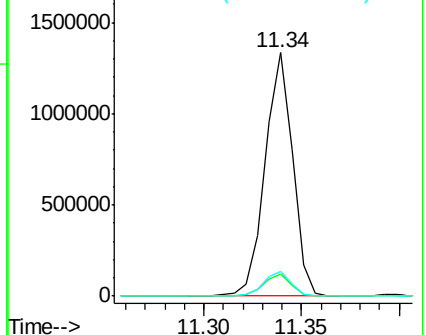
80 9.9 8.4 12.6

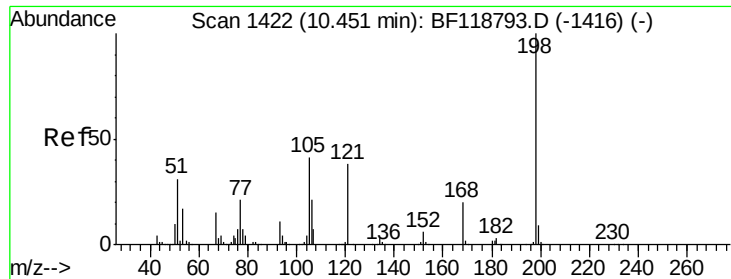


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 41.251 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

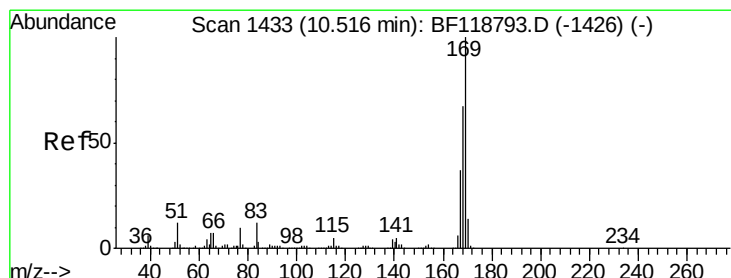
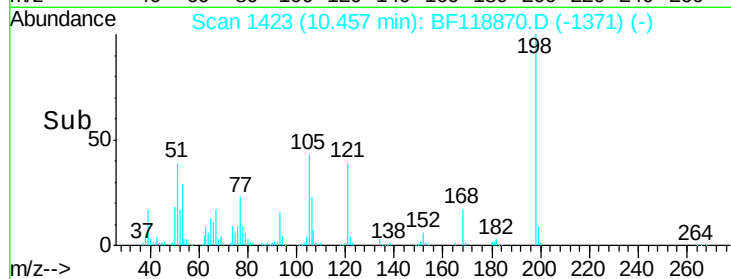
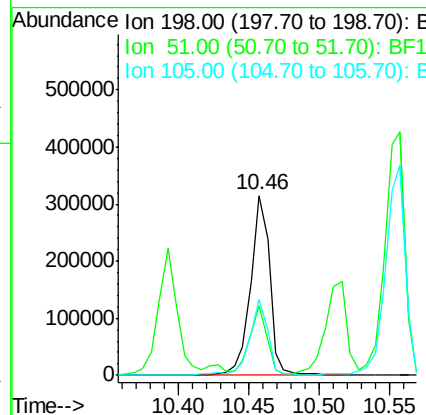
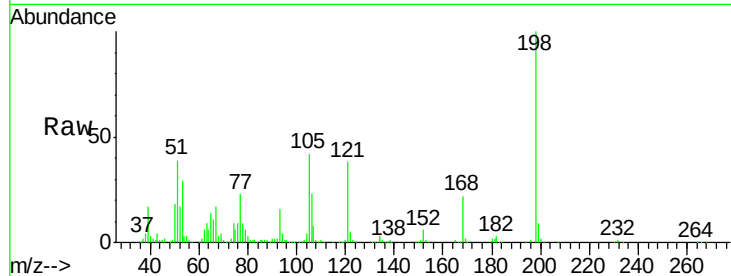
ClientSampleId :

PB126704BS

Tot Ion:	198	Resp:	304031
Ion Ratio	Lower	Upper	
198	100		
51	38.6	16.7	56.7
105	42.4	22.0	62.0

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#66

n-Nitrosodiphenylamine

Concen: 38.554 ng

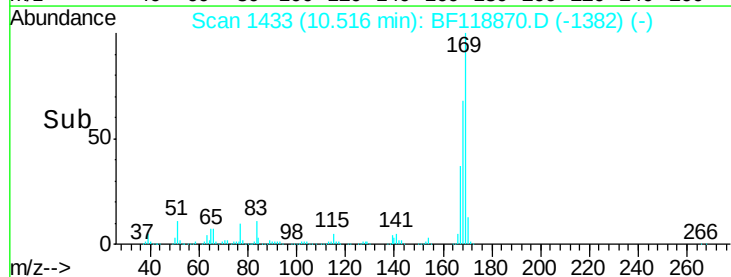
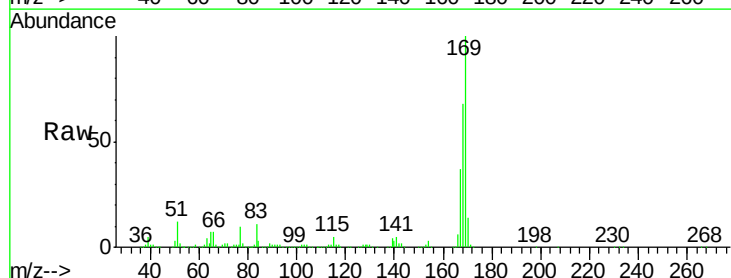
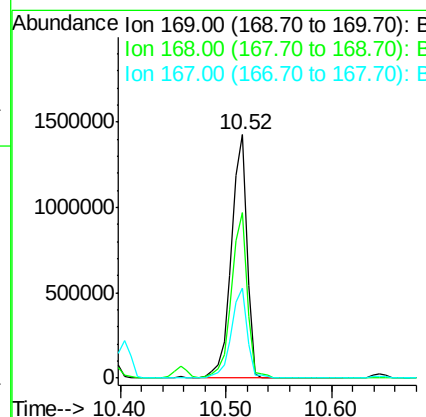
RT: 10.52 min Scan# 1433

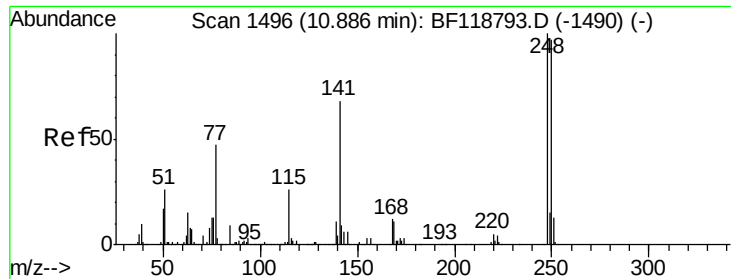
Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Tgt Ion:	169	Resp:	1464774
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.5	80.3
167	36.9	29.3	43.9





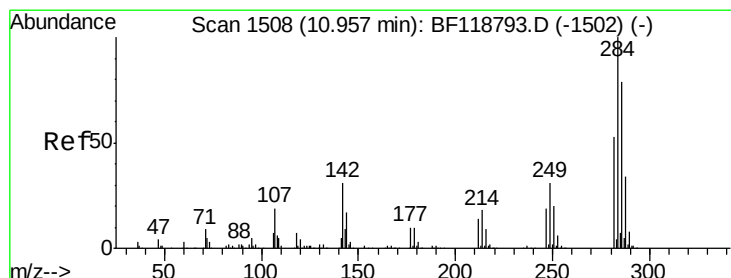
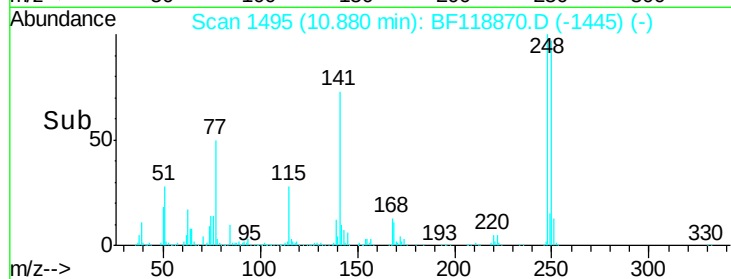
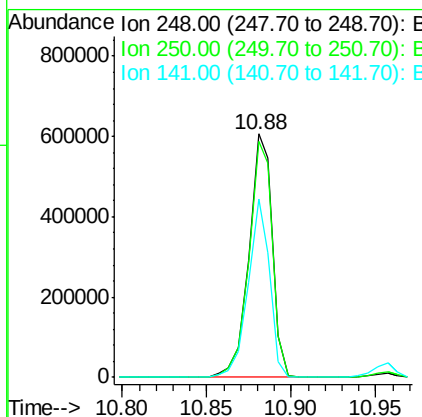
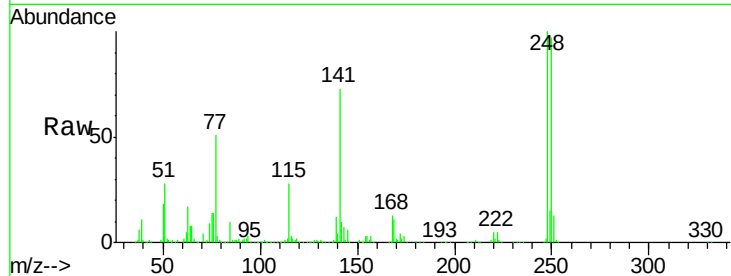
#67
4-Bromophenyl-phenylether
Concen: 37.892 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.6	116.4
141	73.3	54.4	81.6

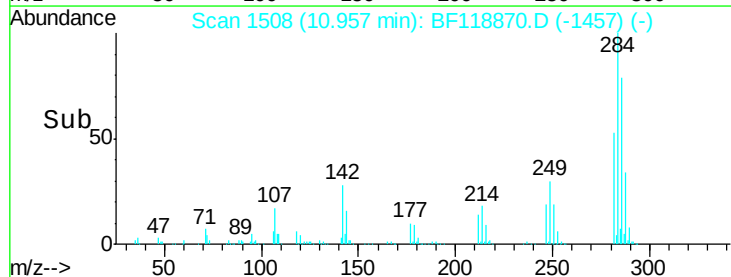
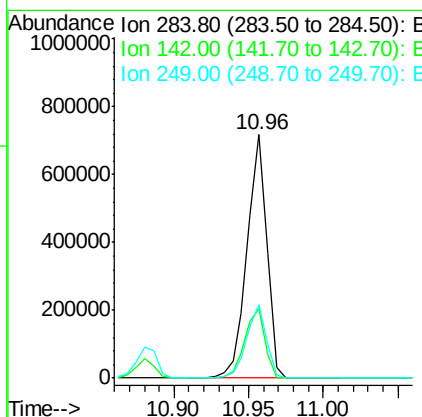
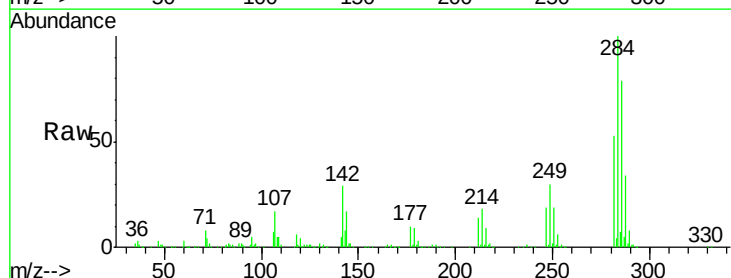
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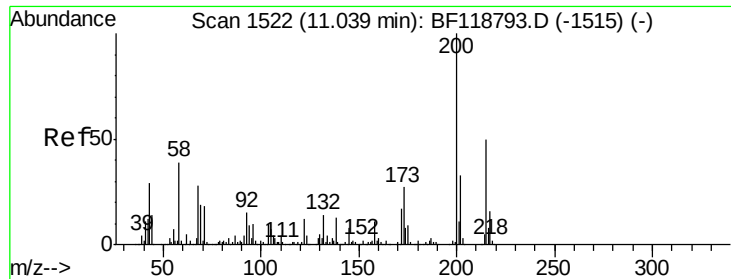
mohammad
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#68
Hexachlorobenzene
Concen: 37.061 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	24.5	36.7
249	30.2	24.7	37.1





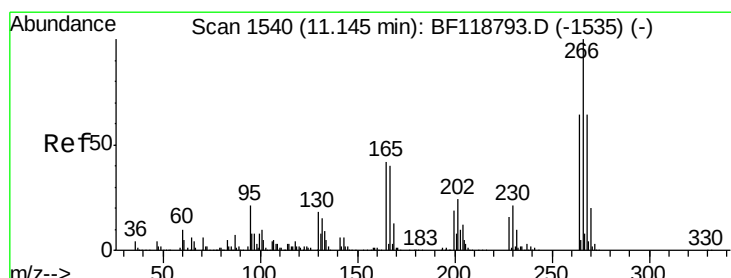
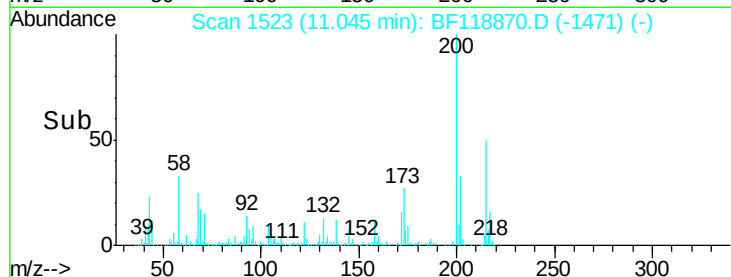
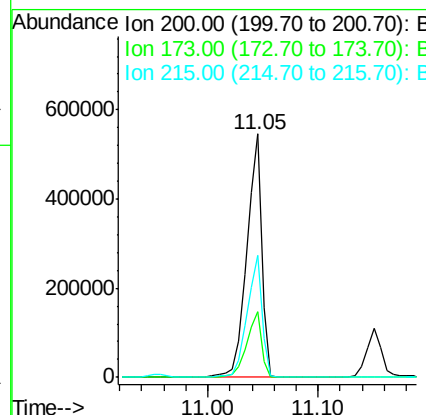
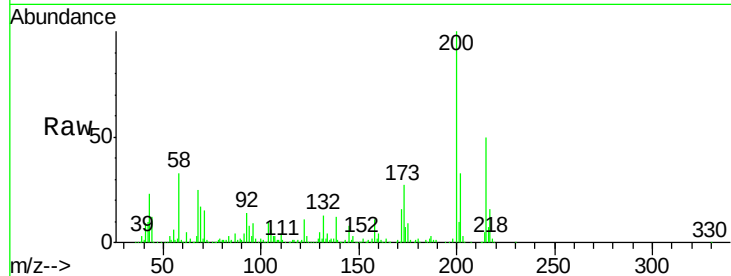
#69
Atrazine
Concen: 41.100 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	520225		
173	26.9		7.5	47.5
215	49.9		29.9	69.9

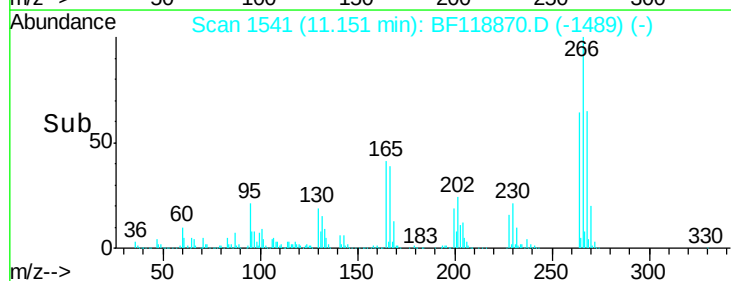
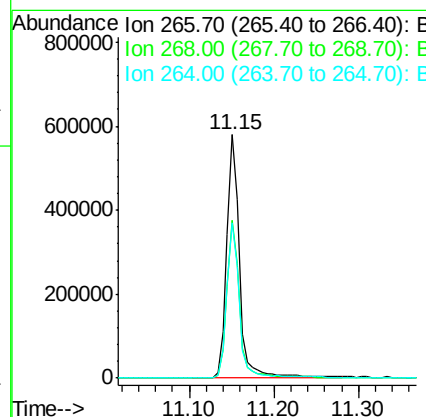
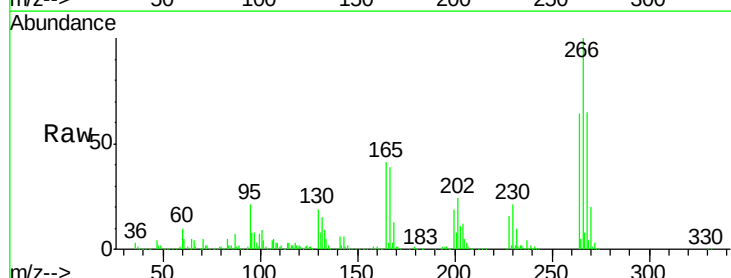
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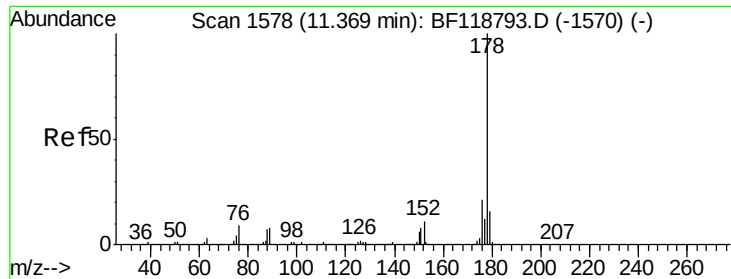
mohammad
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#70
Pentachlorophenol
Concen: 66.220 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	622268		
268	64.8		51.0	76.6
264	63.6		51.4	77.2





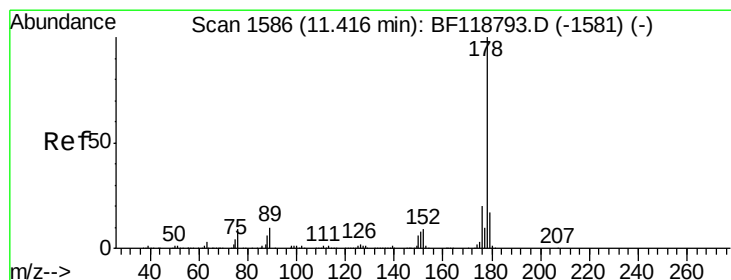
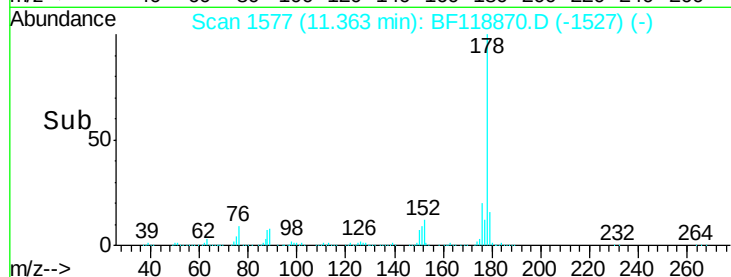
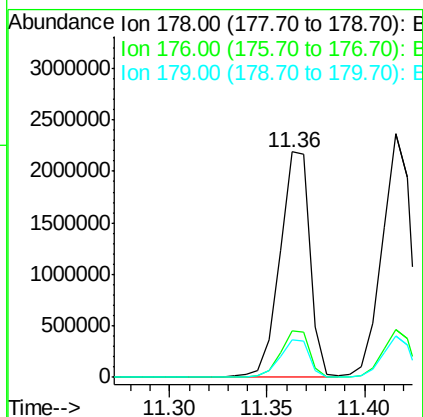
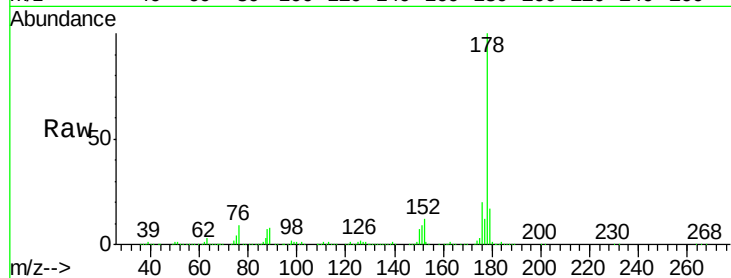
#71
Phenanthrene
Concen: 36.038 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:178 Resp: 2325708
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 16.5 13.2 19.8

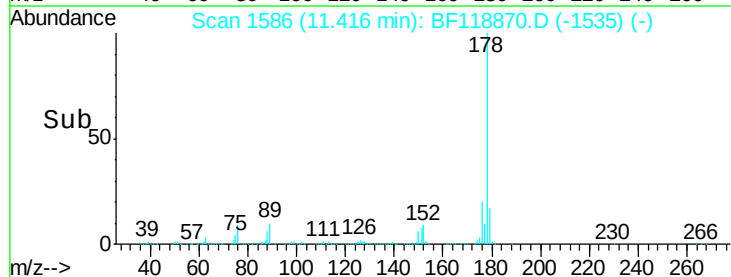
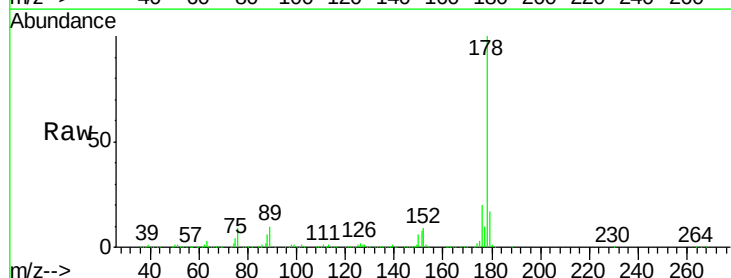
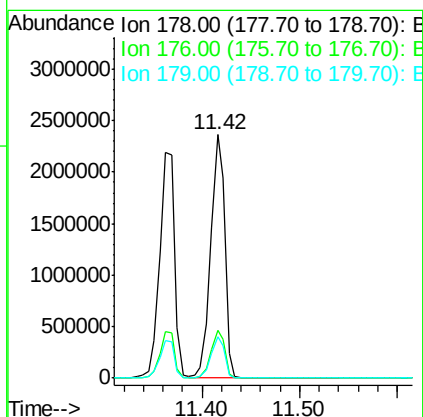
Manual Integrations
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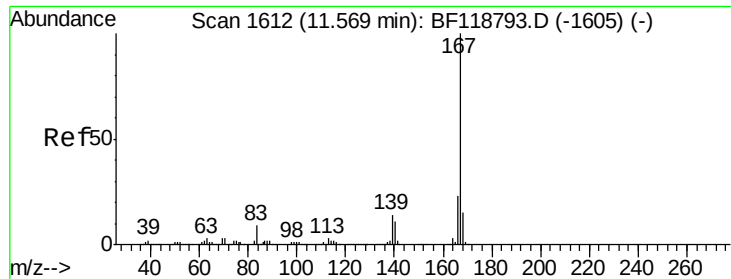
mohammad
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#72
Anthracene
Concen: 36.878 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:178 Resp: 2367565
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 16.8 13.4 20.2





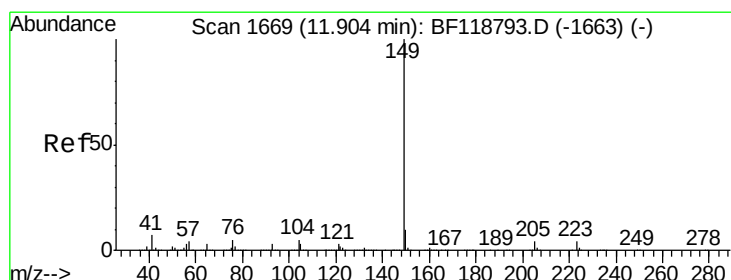
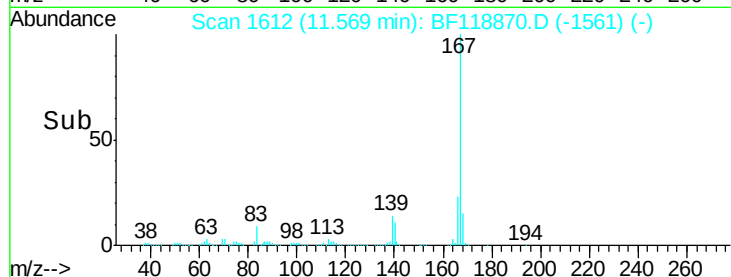
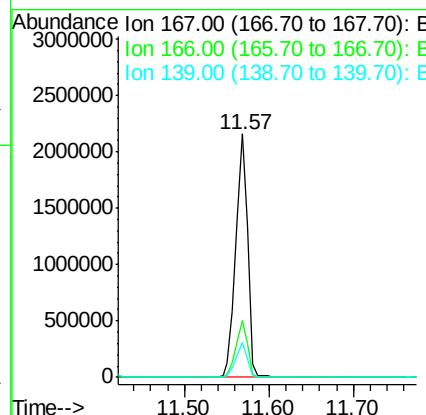
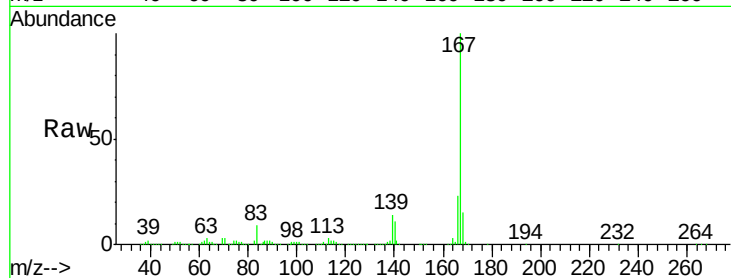
#73
 Carbazole
 Concen: 36.779 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB126704BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.4	27.6
139	14.2	11.1	16.7

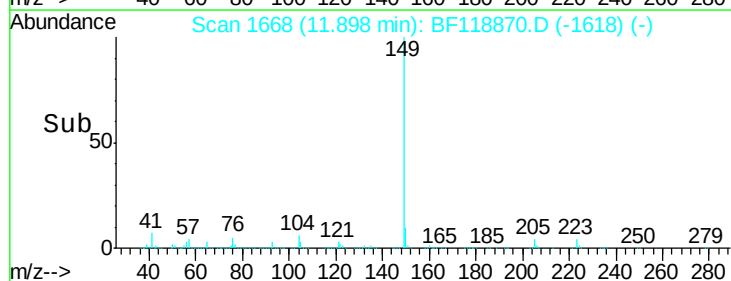
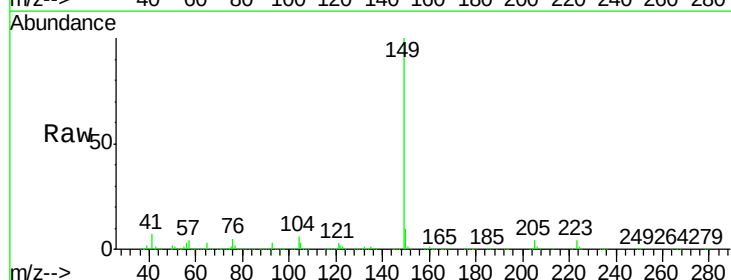
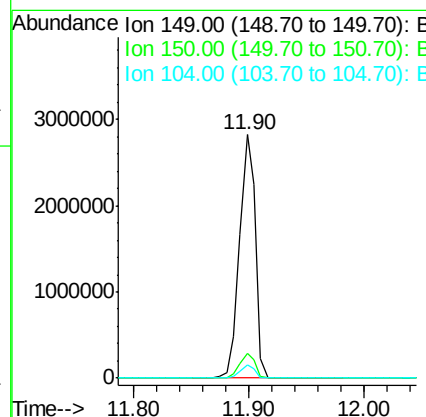
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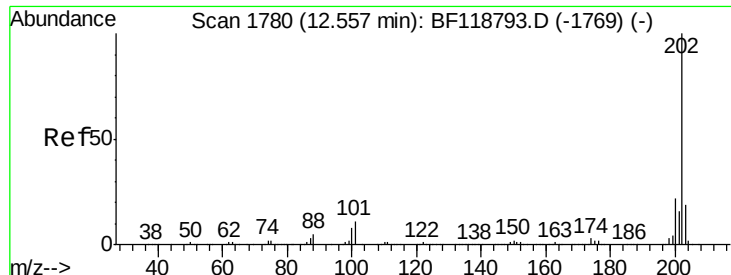
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.287 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118870.D
 Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.1	12.1
104	5.6	4.3	6.5





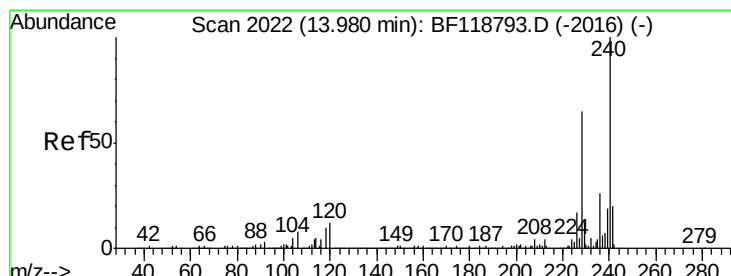
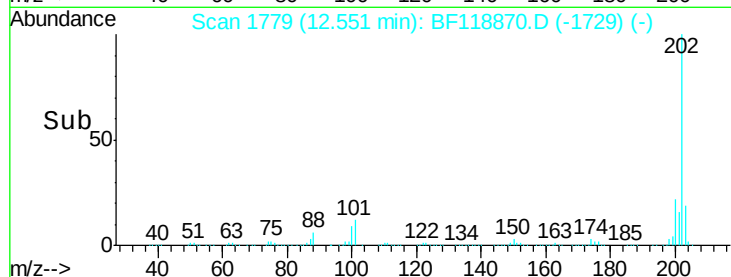
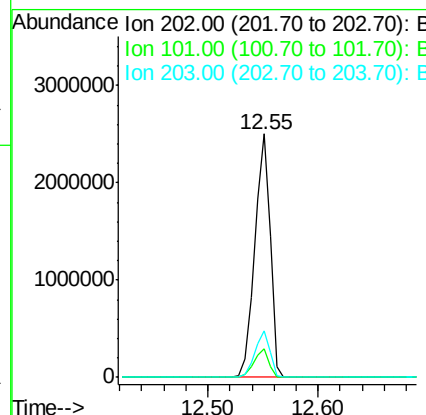
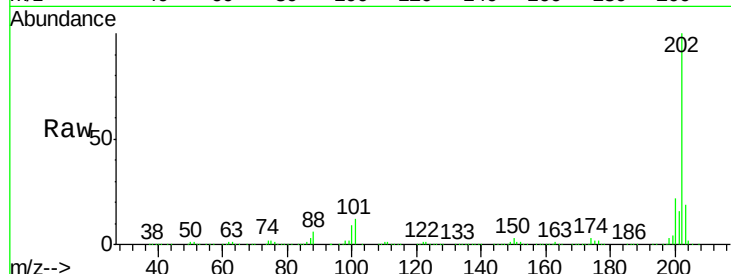
#75
Fluoranthene
Concen: 34.990 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	18.9	0.0	38.7

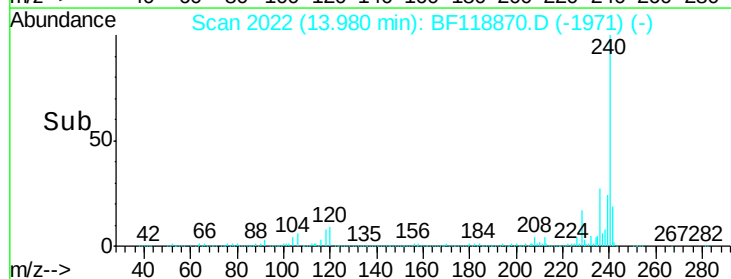
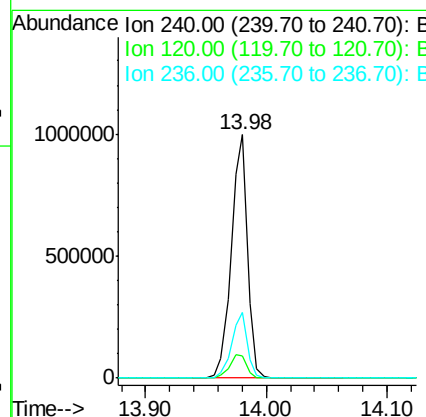
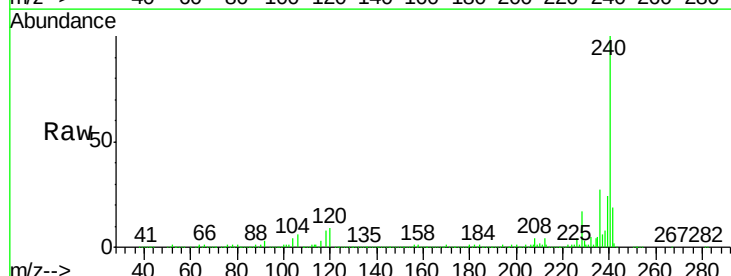
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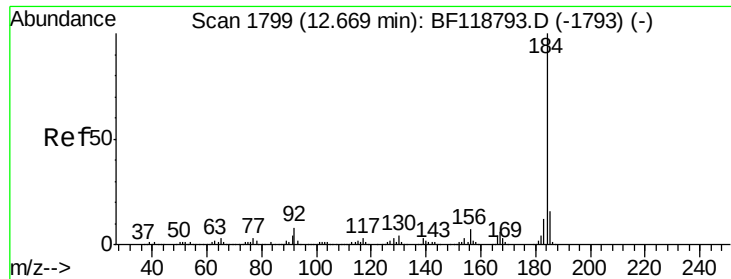
mohammad
2/13/2020 10:28:38 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.4	14.0#
236	26.9	21.0	31.6





#77

Benzidine

Concen: 19.824 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:184 Resp: 551613

Ion Ratio Lower Upper

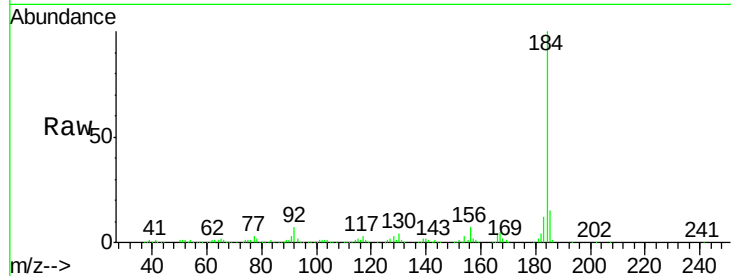
184 100

185 14.6 12.5 18.7

183 11.9 9.7 14.5

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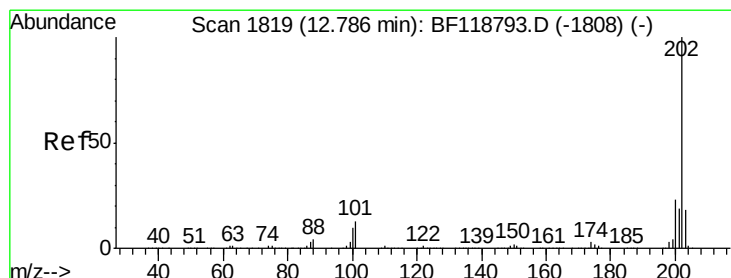
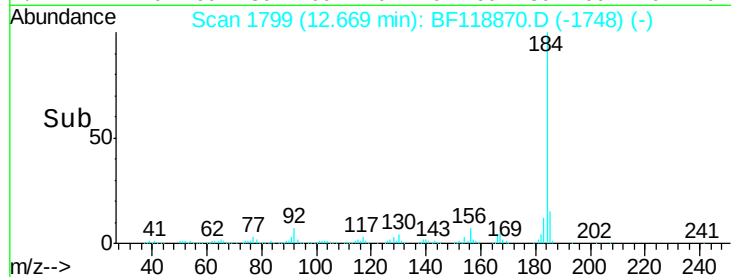
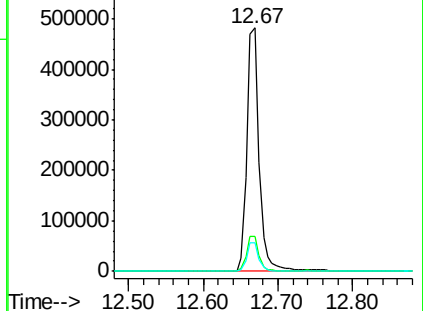
mohammad
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.629 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

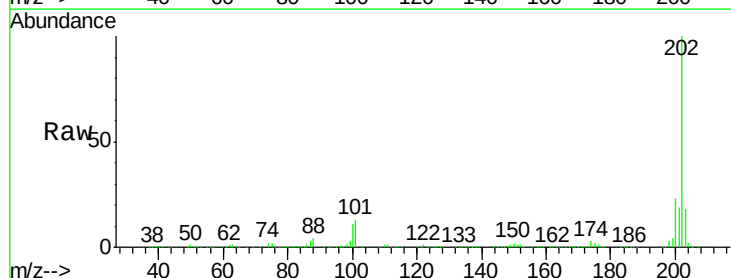
Tgt Ion:202 Resp: 2438009

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

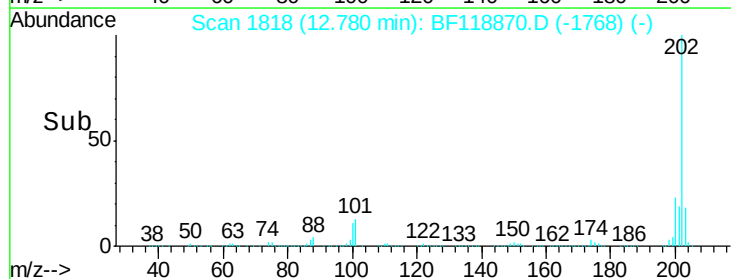
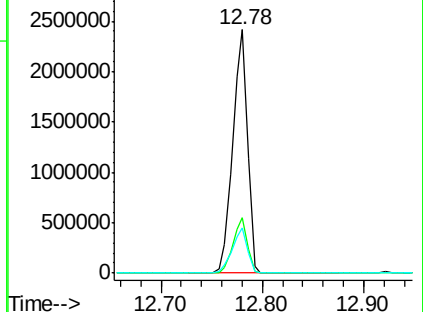
203 18.5 14.8 22.2

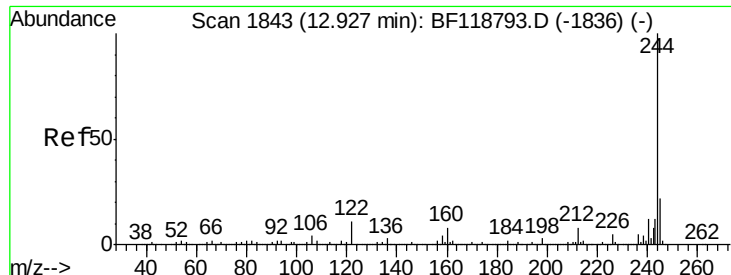


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.037 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

Instrument :

BNA_F

ClientSampleId :

PB126704BS

Tot Ion:244 Resp: 3136937

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

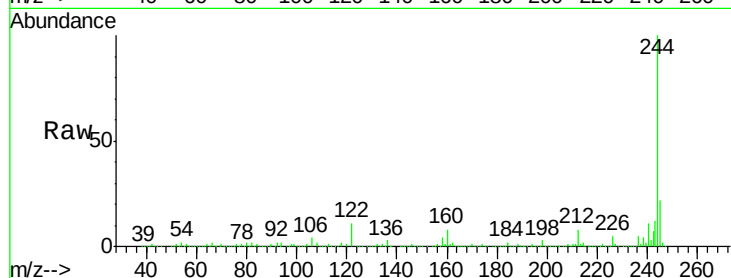
122 10.9 8.9 13.3

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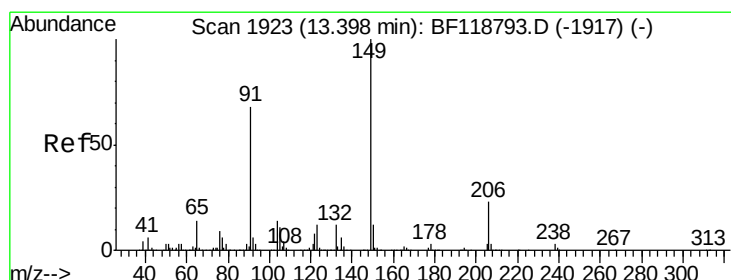
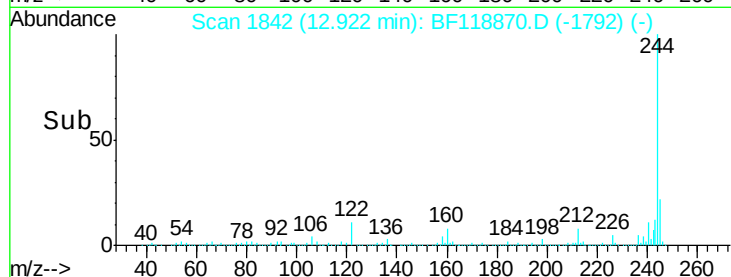
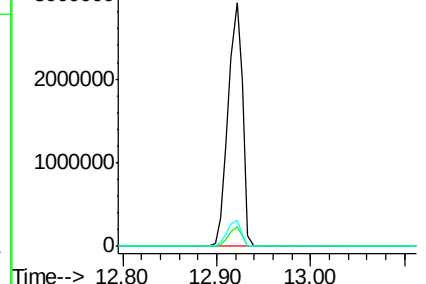
2/13/2020 10:28:38 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.574 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118870.D

Acq: 10 Feb 2020 15:23

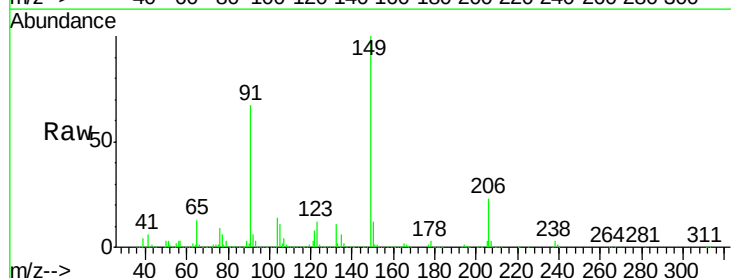
Tgt Ion:149 Resp: 1140016

Ion Ratio Lower Upper

149 100

91 67.2 54.7 82.1

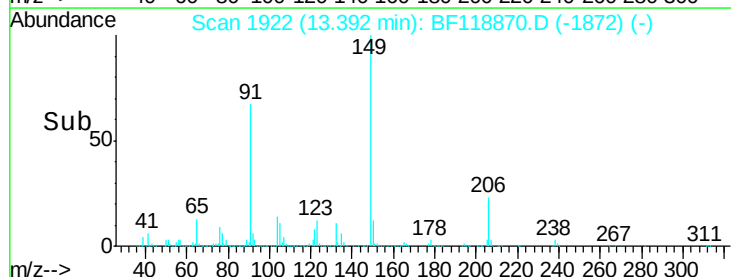
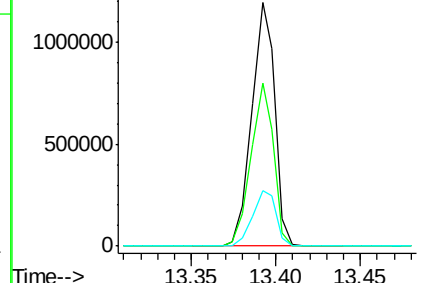
206 22.6 18.5 27.7

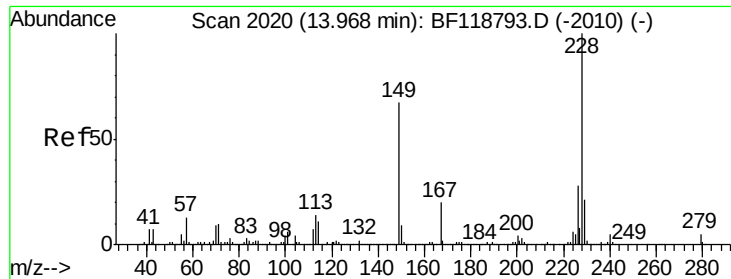


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





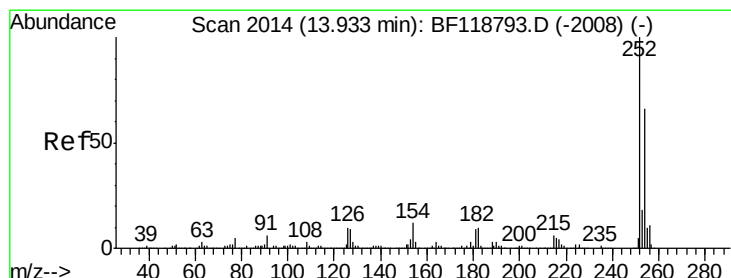
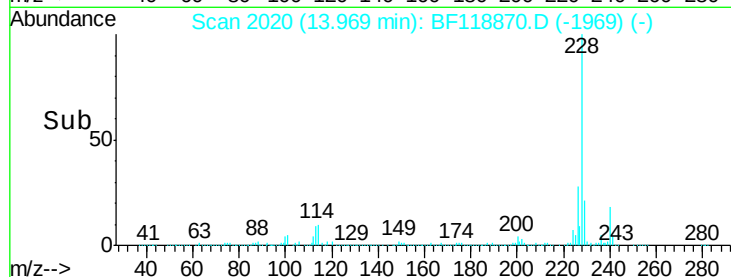
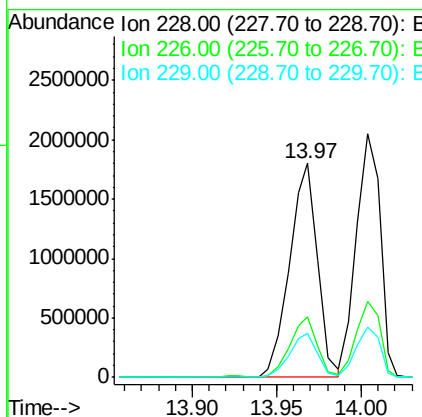
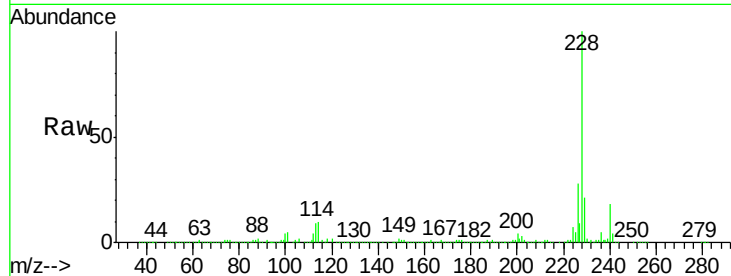
#81
Benzo(a)anthracene
Concen: 37.910 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion:228 Resp: 2075409
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.6 16.6 25.0

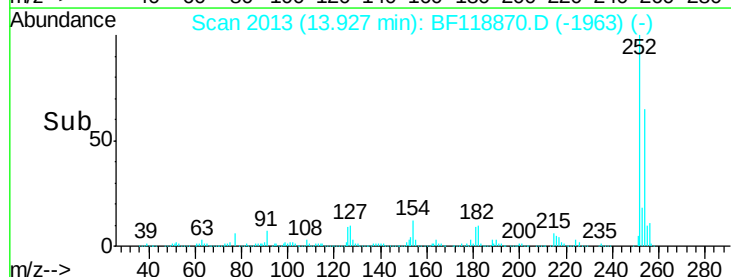
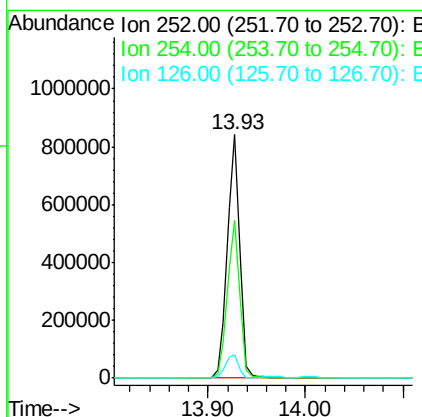
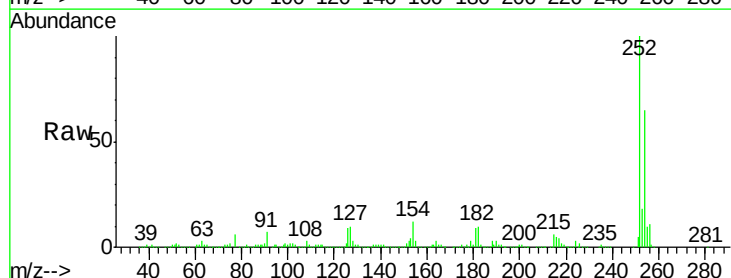
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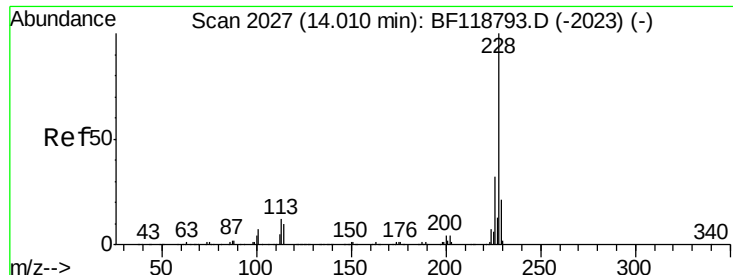
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.219 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion:252 Resp: 743788
Ion Ratio Lower Upper
252 100
254 64.7 52.4 78.6
126 9.4 7.8 11.8





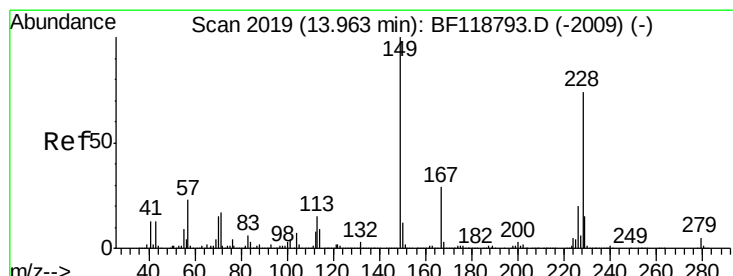
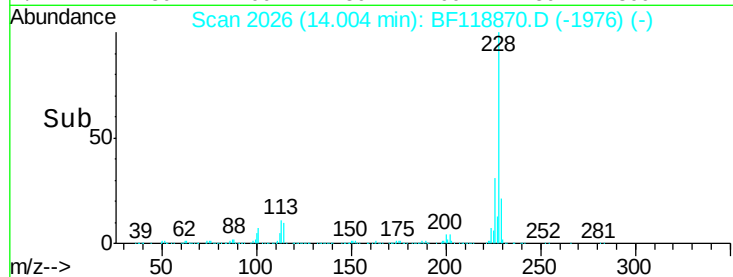
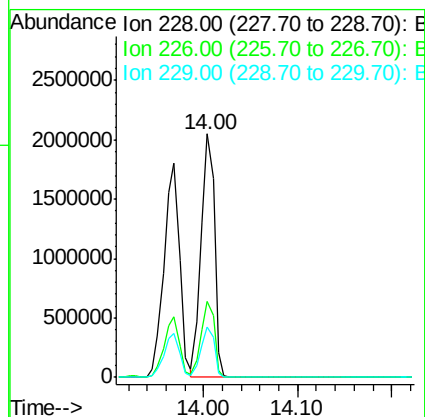
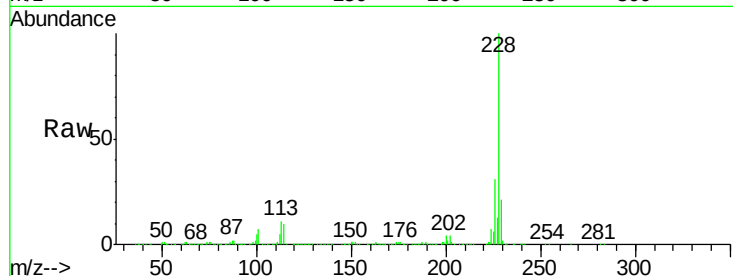
#83
Chrysene
Concen: 36.929 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	20.9	16.9	25.3

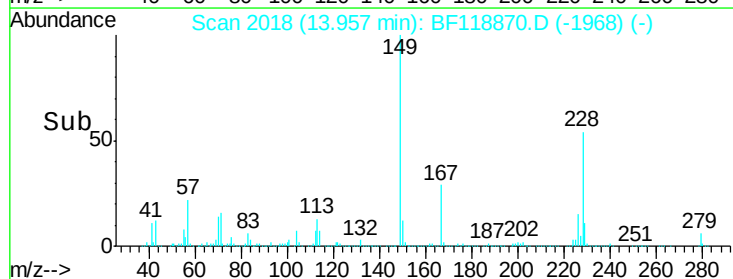
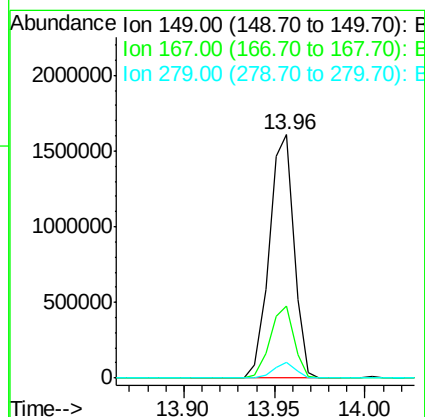
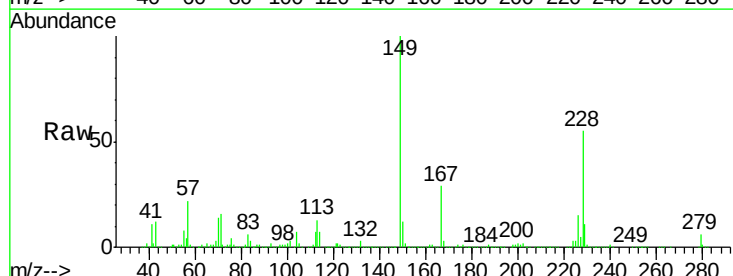
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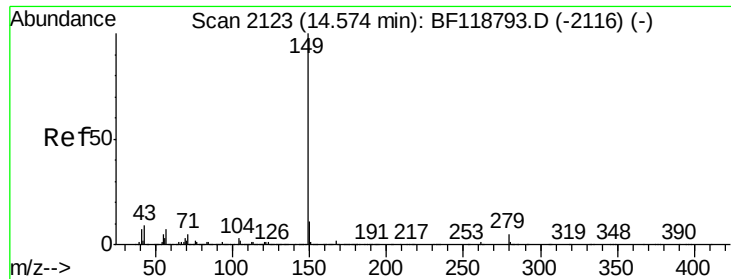
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.756 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.0	34.6
279	6.2	4.4	6.6





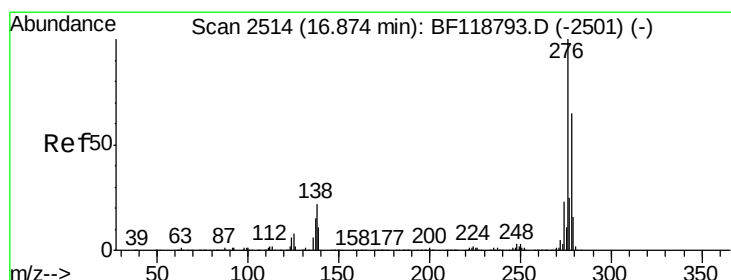
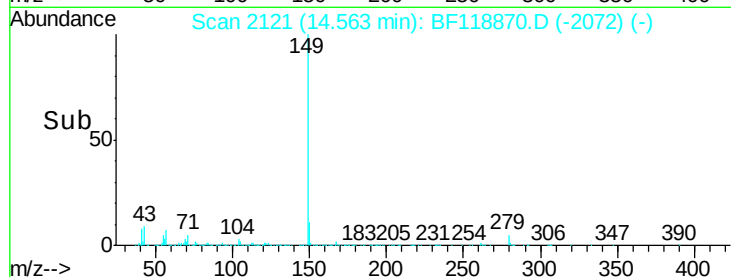
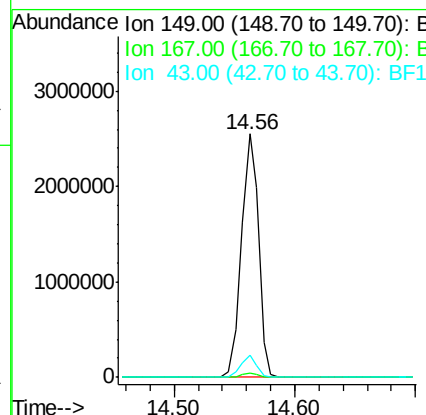
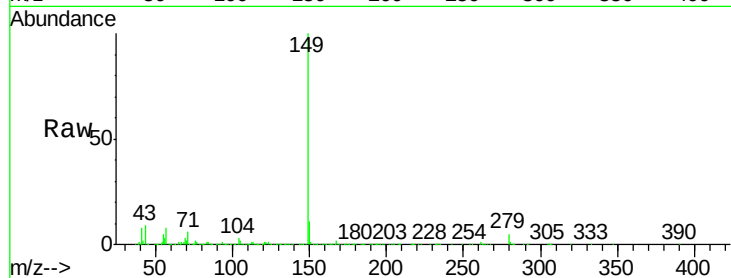
#85
Di-n-octyl phthalate
Concen: 40.317 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.3	6.6	10.0

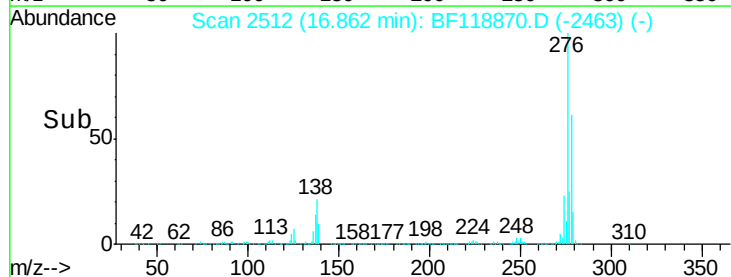
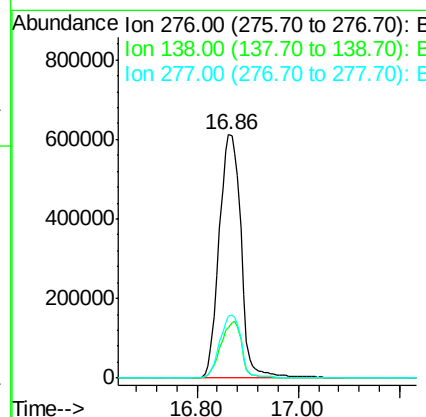
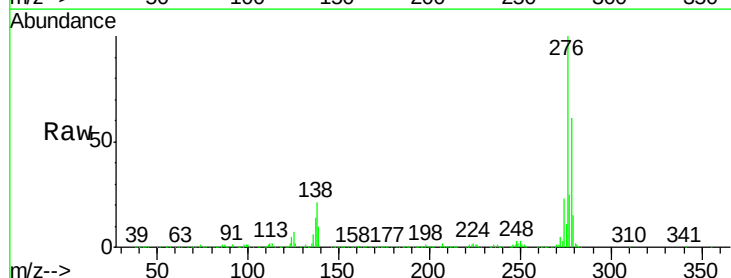
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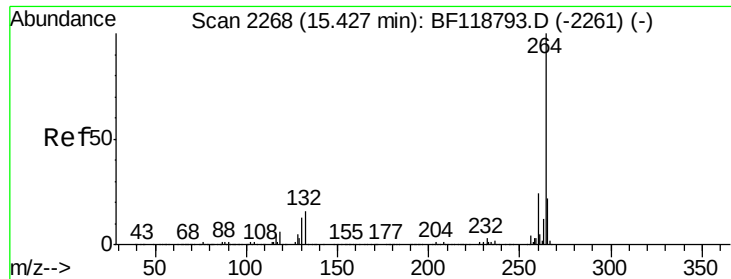
mohammad
2/13/2020 10:28:38 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 33.346 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	18.3	27.5
277	25.4	20.2	30.4





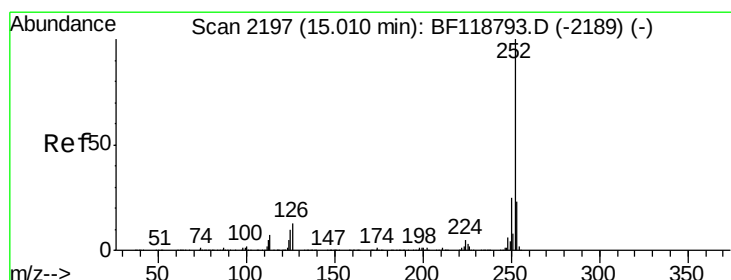
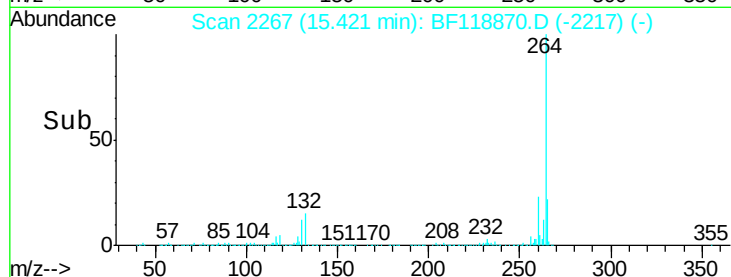
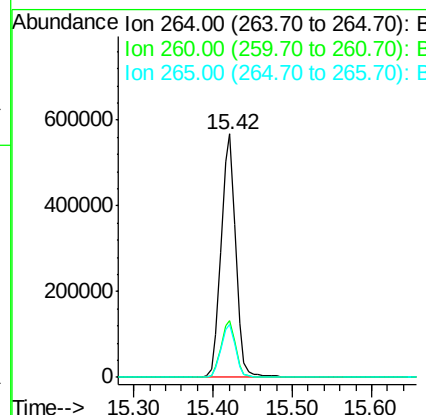
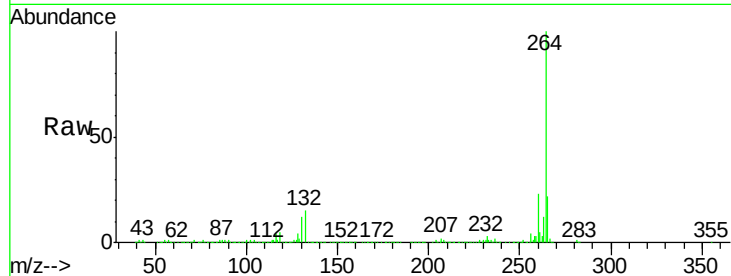
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.7	17.2	25.8

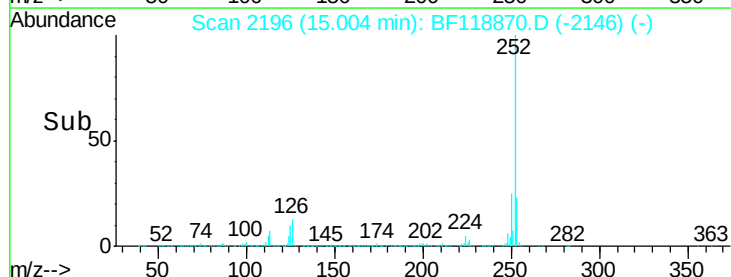
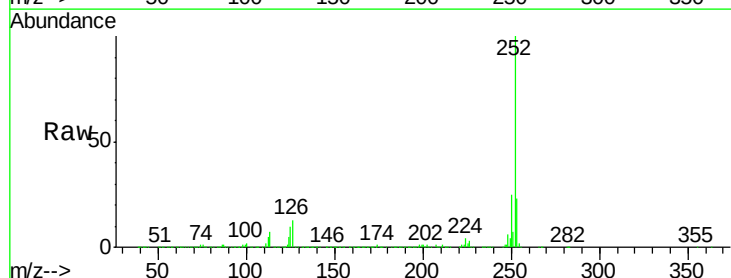
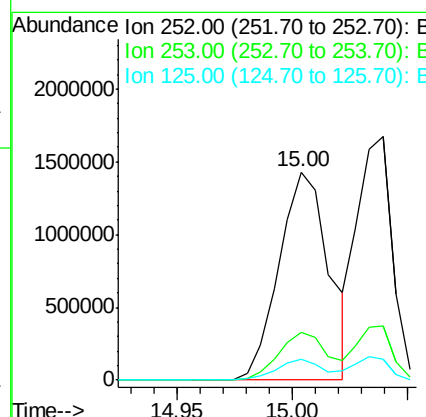
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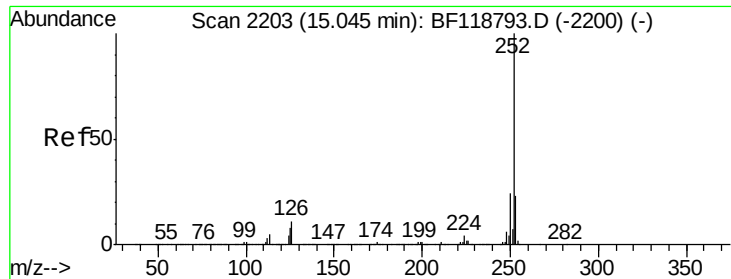
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.705 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	10.0	8.1	12.1





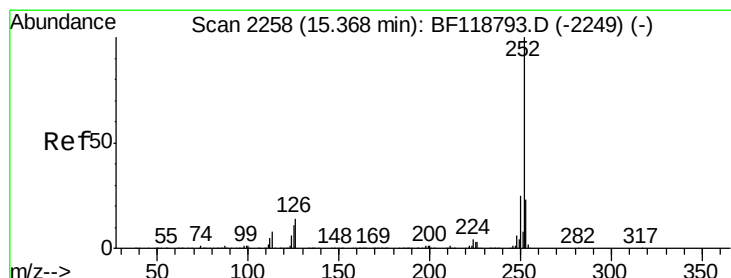
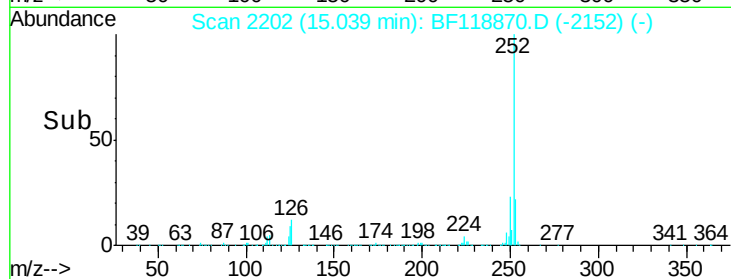
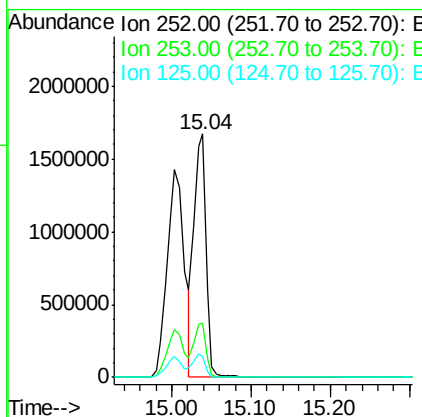
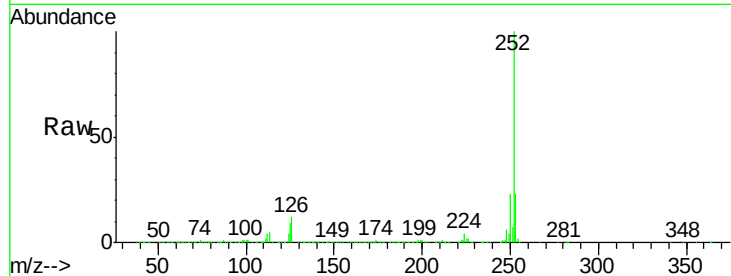
#89
Benzo(k)fluoranthene
Concen: 45.551 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	8.7	7.0	10.6

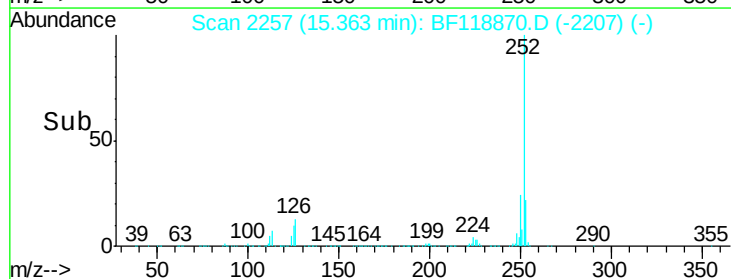
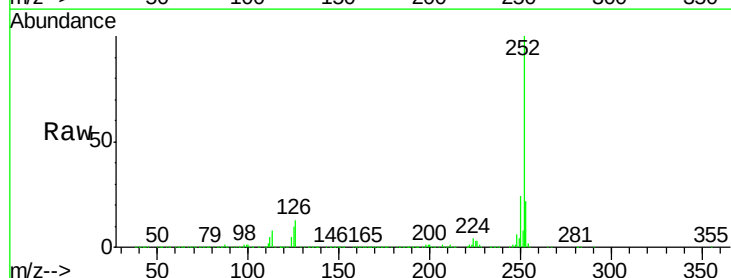
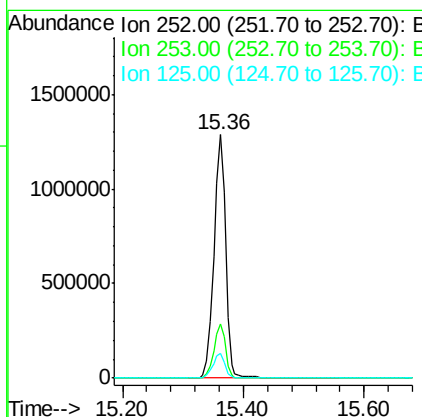
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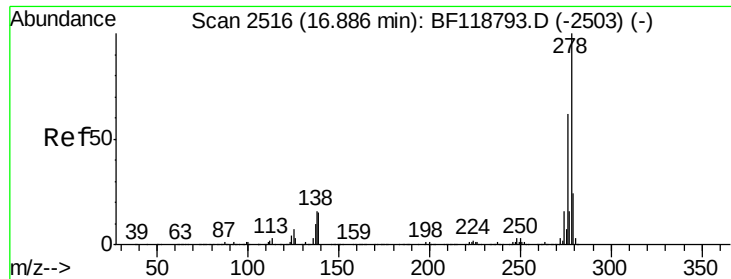
mohammad
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#90
Benzo(a)pyrene
Concen: 44.411 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.4	8.7	13.1





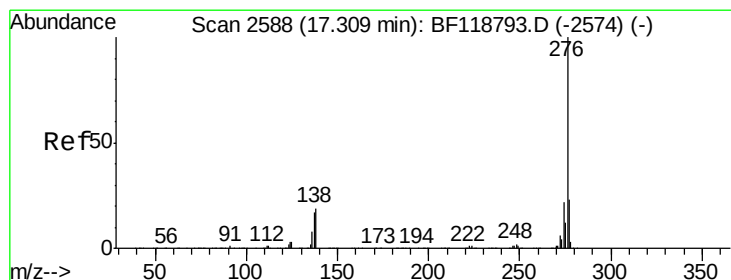
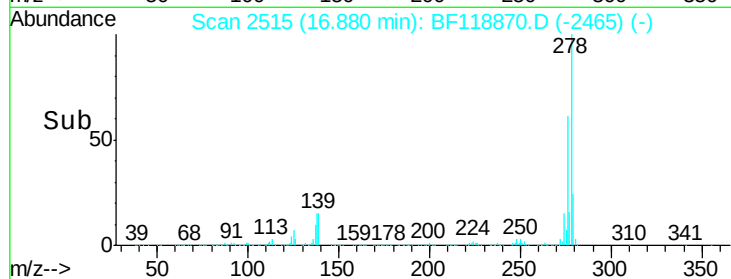
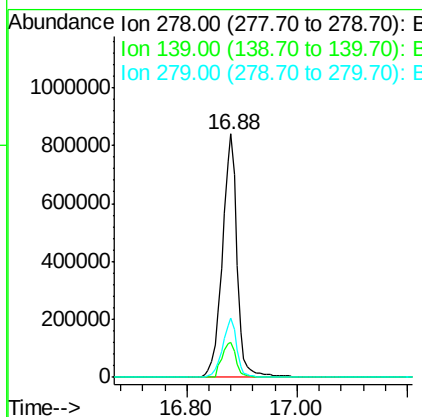
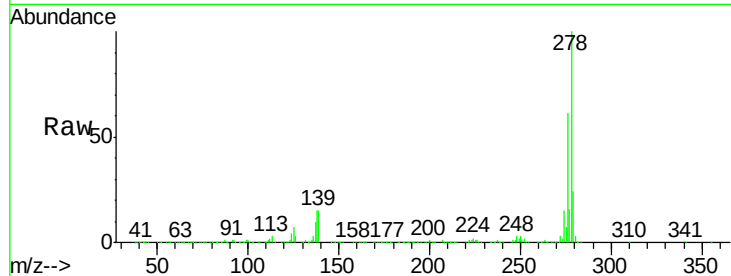
#91
Dibenzo(a,h)anthracene
Concen: 46.045 ng
RT: 16.88 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Instrument :
BNA_F
ClientSampleId :
PB126704BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.3	18.5
279	24.3	19.1	28.7

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2/13/2020 10:28:38 AM



#92
Benzo(g,h,i)perylene
Concen: 45.337 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF118870.D
Acq: 10 Feb 2020 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	19.5	15.4	23.2

