

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119384.D
 Acq On : 12 Mar 2020 17:06
 Operator : CG/JU
 Sample : PB127488BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Manual Integrations
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mohammad
 3/16/2020 1:47:30 PM

Quant Time: Mar 13 02:25:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	116730	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	449370	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	251138	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	472333	20.00	ng	0.00
76) Chrysene-d12	13.90	240	309948	20.00	ng	0.01
87) Perylene-d12	15.33	264	264841	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	917956	131.42	ng	0.01
7) Phenol-d6	6.38	99	1064382	125.30	ng	0.00
23) Nitrobenzene-d5	7.29	82	719385	84.53	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	391554	119.18	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1408979	82.65	ng	0.00
79) Terphenyl-d14	12.83	244	1748966	97.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	111308	35.791	ng	97
3) Pyridine	3.22	79	247503	29.141	ng	97
4) n-Nitrosodimethylamine	3.15	42	111850	43.473	ng	97
6) Aniline	6.39	93	329072	31.394	ng	99
8) 2-Chlorophenol	6.52	128	358425	47.549	ng	98
9) Benzaldehyde	6.28	77	237981	41.931	ng	98
10) Phenol	6.39	94	415771	45.269	ng	91
11) bis(2-Chloroethyl)ether	6.46	93	317032	45.113	ng	99
12) 1,3-Dichlorobenzene	6.66	146	382214	42.305	ng	98
13) 1,4-Dichlorobenzene	6.74	146	390450	43.187	ng	98
14) 1,2-Dichlorobenzene	6.89	146	353383	42.858	ng	99
15) Benzyl Alcohol	6.88	79	296124	48.232	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	247057	40.584	ng	# 9
17) 2-Methylphenol	7.00	107	286546	46.886	ng	91
18) Hexachloroethane	7.23	117	138518	42.824	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	243214	49.134	ng	95
20) 3+4-Methylphenols	7.16	107	390517	52.156	ng	87
22) Acetophenone	7.14	105	478224	45.995	ng	# 95
24) Nitrobenzene	7.31	77	372941	44.312	ng	96
25) Isophorone	7.55	82	662714	44.836	ng	99
26) 2-Nitrophenol	7.63	139	197374	44.261	ng	95
27) 2,4-Dimethylphenol	7.67	122	304108	50.248	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	398722	41.444	ng	99
29) 2,4-Dichlorophenol	7.89	162	316819	44.467	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	335004	39.657	ng	97
31) Naphthalene	8.03	128	1019870	43.762	ng	98
32) Benzoic acid	7.86	122	156319	37.152	ng	97
33) 4-Chloroaniline	8.09	127	214217	21.371	ng	98
34) Hexachlorobutadiene	8.14	225	205958	39.141	ng	98
35) Caprolactam	8.47	113	93690m	42.706	ng	
36) 4-Chloro-3-methylphenol	8.59	107	334514	46.392	ng	99
37) 2-Methylnaphthalene	8.72	142	692340	44.144	ng	98
38) 1-Methylnaphthalene	8.82	142	652289	44.224	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	348421	41.149	ng	99

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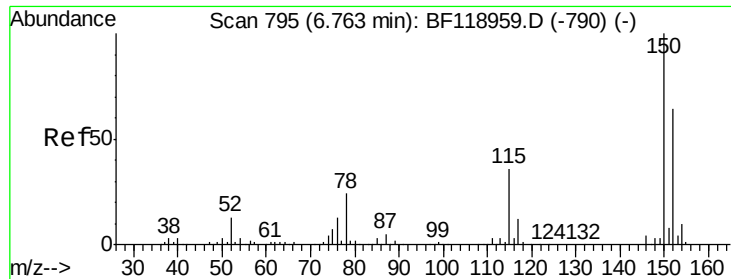
Manual Integrations
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 3/16/2020 1:47:30 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
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 QLast Update : Fri Mar 06 23:38:46 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	126886	45.729	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	206265	38.575	nq	100
44) 2,4,5-Trichlorophenol	9.07	196	203355	36.242	nq	100
46) 1,1'-Biphenyl	9.18	154	850500	41.903	nq	98
47) 2-Chloronaphthalene	9.21	162	669927	40.958	nq	99
48) 2-Nitroaniline	9.32	65	199865	43.810	nq	95
49) Acenaphthylene	9.62	152	1032059	43.688	nq	99
50) Dimethylphthalate	9.49	163	810372	42.198	nq	100
51) 2,6-Dinitrotoluene	9.56	165	183059	42.905	nq #	74
52) Acenaphthene	9.79	154	610534	42.861	nq	99
53) 3-Nitroaniline	9.73	138	107134	22.650	nq	94
54) 2,4-Dinitrophenol	9.86	184	137324	67.511	nq	93
55) Dibenzofuran	9.97	168	920539	43.296	nq	100
56) 4-Nitrophenol	9.93	139	90406	31.812	nq	94
57) 2,4-Dinitrotoluene	9.97	165	242110	43.779	nq	96
58) Fluorene	10.31	166	745103	45.100	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	192490	40.657	nq	99
60) Diethylphthalate	10.19	149	794616	43.907	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	382976	43.794	nq	99
62) 4-Nitroaniline	10.36	138	170333	35.198	nq	94
63) Azobenzene	10.46	77	719675	45.750	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	124089	43.416	nq	99
66) n-Nitrosodiphenylamine	10.42	169	672723	43.497	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	251048	40.662	nq	97
68) Hexachlorobenzene	10.87	284	288871	40.582	nq	98
69) Atrazine	10.96	200	225632	41.756	nq	96
70) Pentachlorophenol	11.07	266	152414	53.154	nq	97
71) Phenanthrene	11.27	178	1105558	42.920	nq	98
72) Anthracene	11.33	178	1159229	45.041	nq	98
73) Carbazole	11.49	167	1004378	43.804	nq	98
74) Di-n-butylphthalate	11.80	149	1184282	42.651	nq	99
75) Fluoranthene	12.47	202	1179191	43.127	nq	98
77) Benzidine	12.59	184	568186	45.075	nq	98
78) Pyrene	12.69	202	1167985	46.929	nq	99
80) Butylbenzylphthalate	13.30	149	459432	43.860	nq	99
81) Benzo(a)anthracene	13.89	228	950101	44.988	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	220207	26.853	nq	97
83) Chrysene	13.92	228	921073	43.771	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	594890	44.953	nq #	96
85) Di-n-octyl phthalate	14.47	149	851661	40.392	nq	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	745102	36.569	nq	100
88) Benzo(b)fluoranthene	14.92	252	739144	42.341	nq	99
89) Benzo(k)fluoranthene	14.95	252	795864	49.195	nq	98
90) Benzo(a)pyrene	15.27	252	676059	42.910	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	619709	44.703	nq	99
92) Benzo(g,h,i)perylene	17.18	276	621288	45.359	nq	98

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



#1

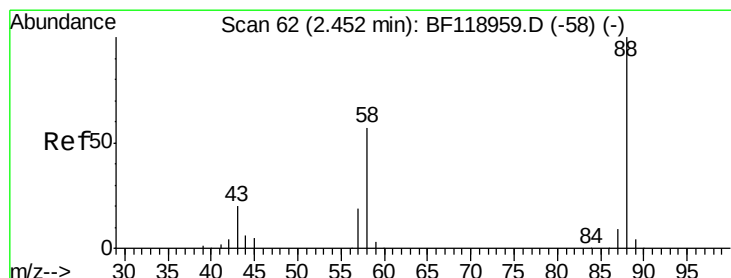
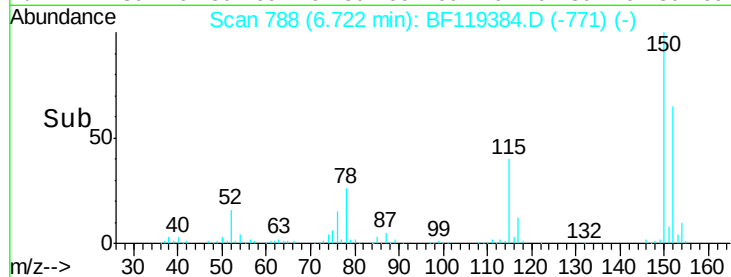
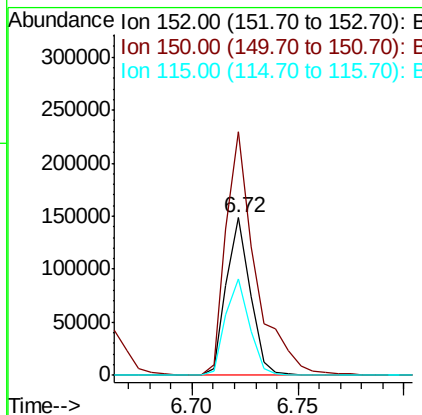
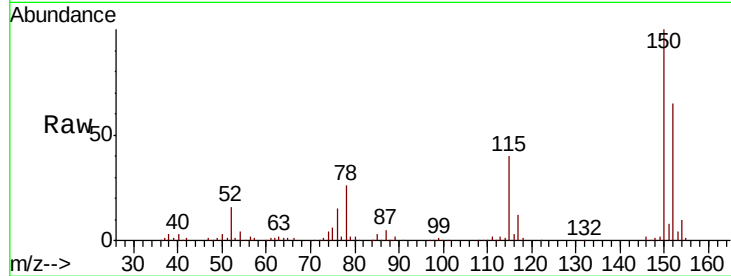
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.0	184.6
115	61.2	49.5	74.3

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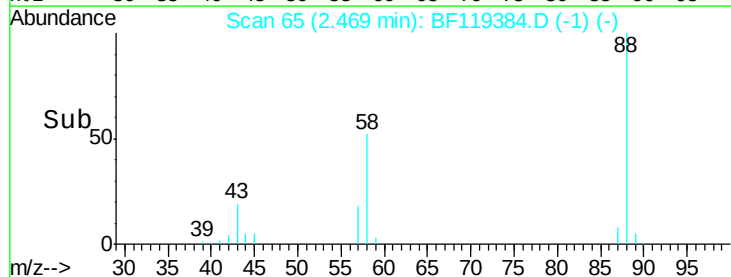
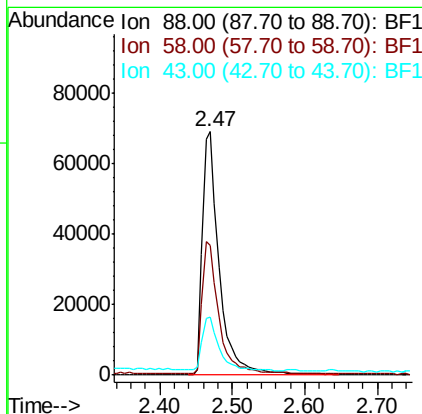
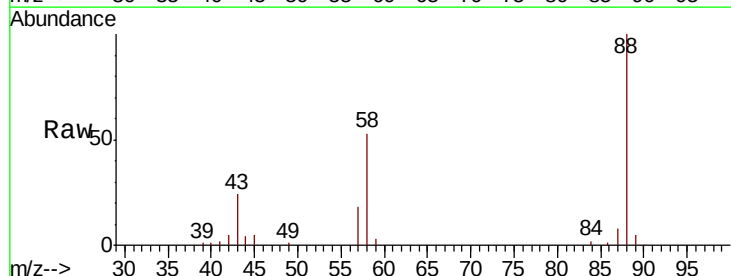
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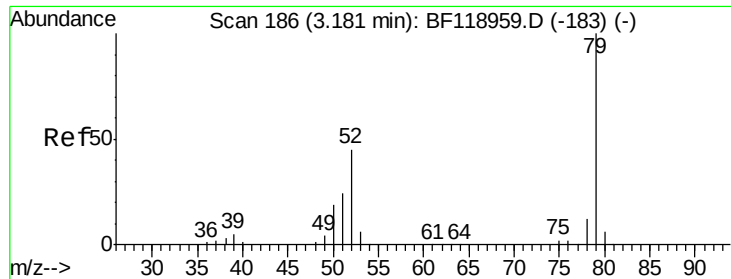


#2

1,4-Dioxane
Concen: 35.791 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.09 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	52.2	43.8	65.6
43	20.4	16.2	24.4





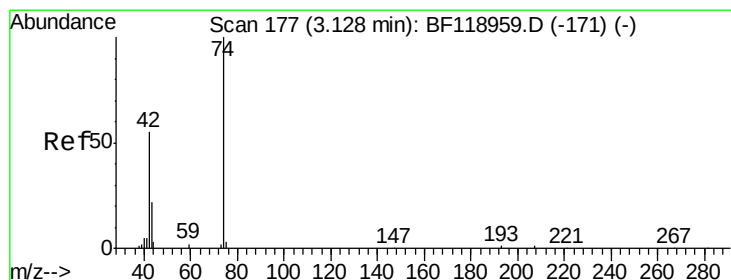
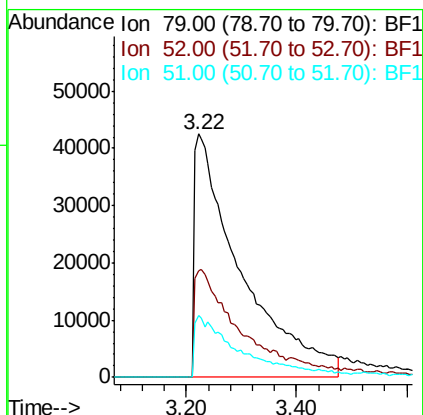
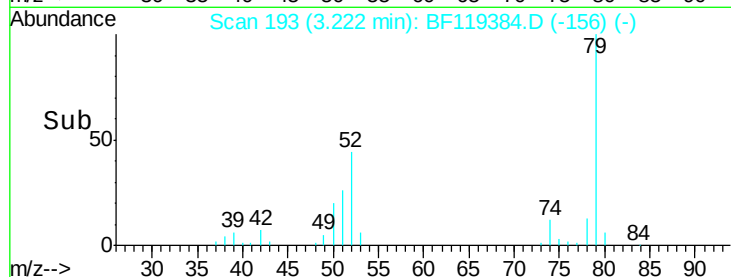
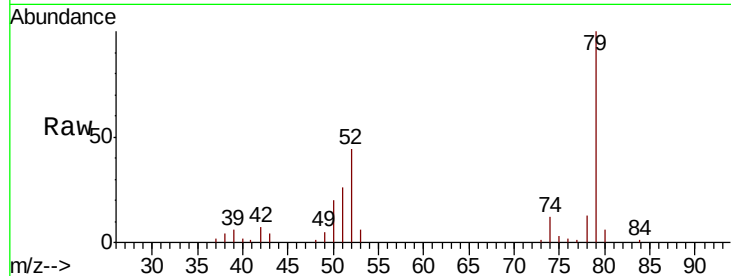
#3
 Pvridine
 Concen: 29.141 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.12 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	43.9	37.4	56.0	
51	25.6	19.8	29.6	

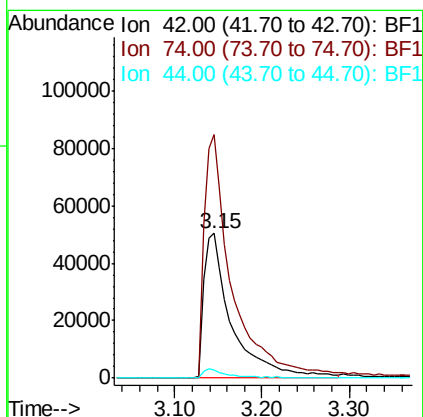
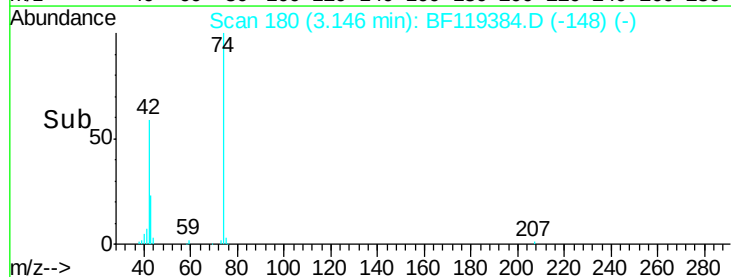
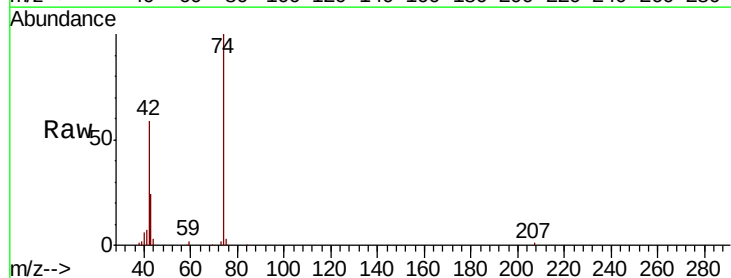
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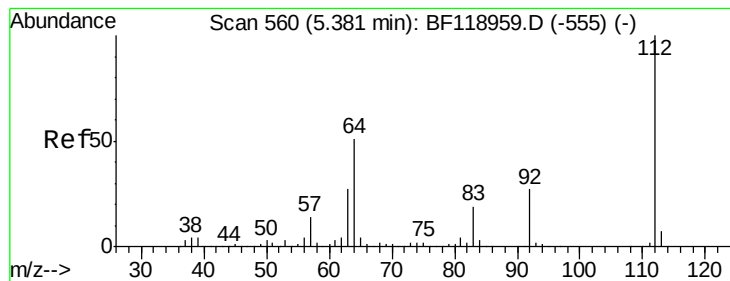
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#4
 n-Nitrosodimethylamine
 Concen: 43.473 ng
 RT: 3.15 min Scan# 180
 Delta R.T. 0.09 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	168.2	137.7	206.5	
44	5.2	4.5	6.7	





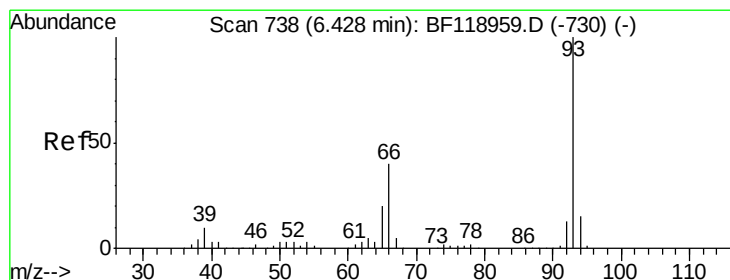
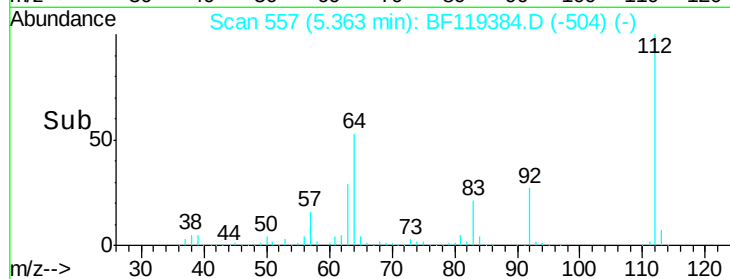
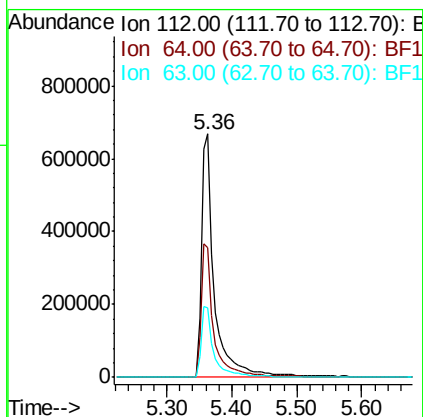
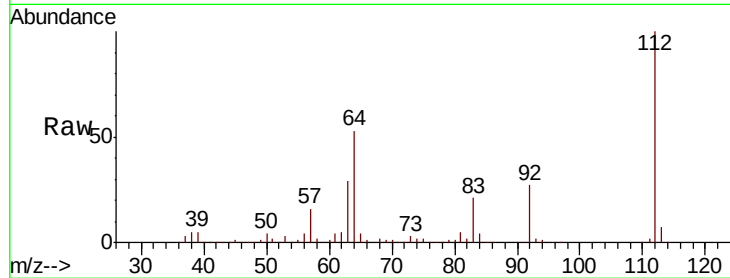
#5
2-Fluorophenol
Concen: 131.420 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampled :
PB127488BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	53.1	45.0	67.4
63	28.6	24.2	36.4

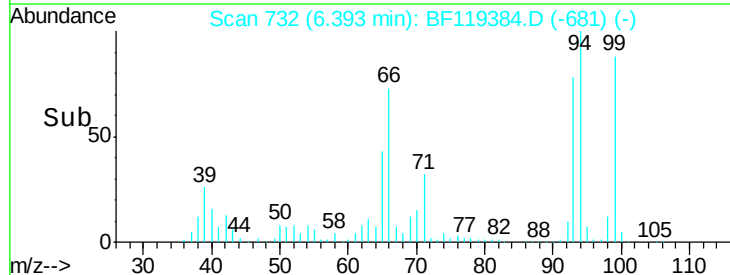
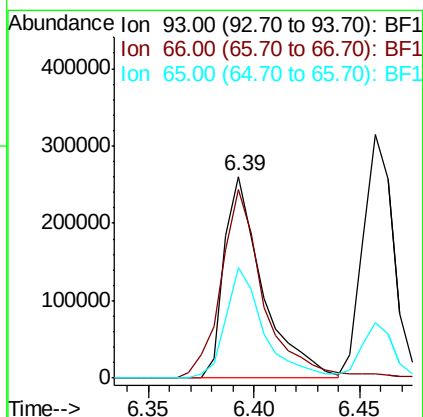
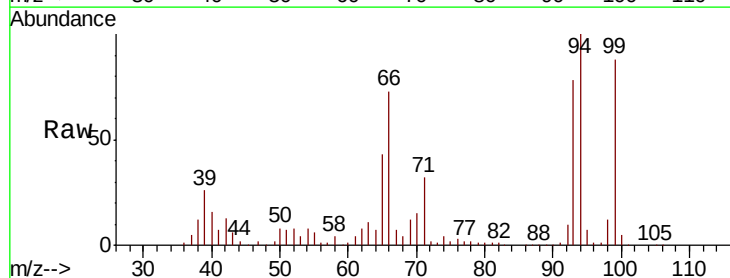
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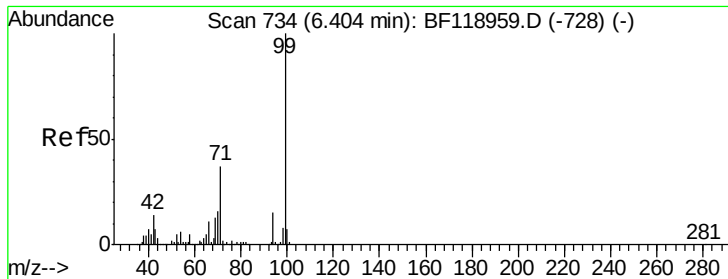
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#6
Aniline
Concen: 31.394 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	93.4	74.5	111.7
65	54.9	45.3	67.9





#7

Phenol-d6

Concen: 125.296 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB127488BS

Tot Ion: 99 Resp: 1064382

Ion Ratio Lower Upper

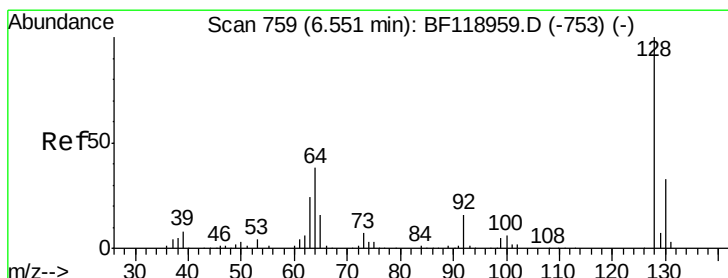
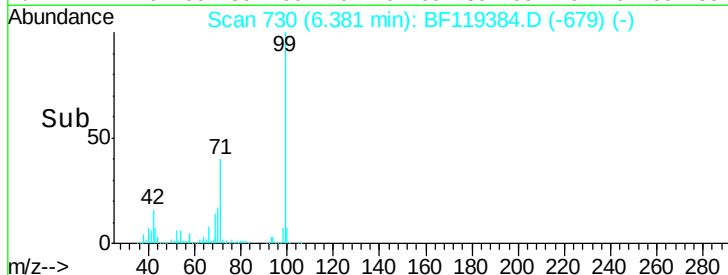
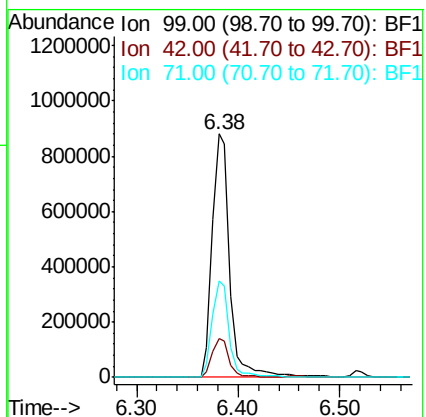
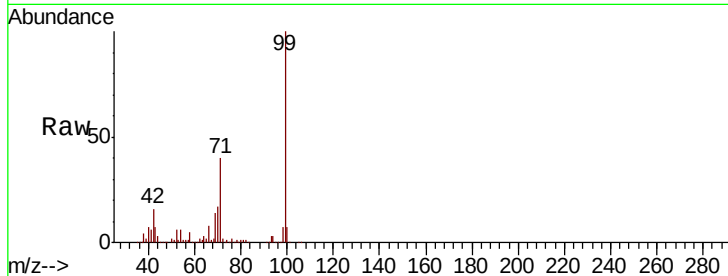
99 100

42 15.8 12.6 18.8

71 39.6 31.0 46.4

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#8

2-Chlorophenol

Concen: 47.549 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

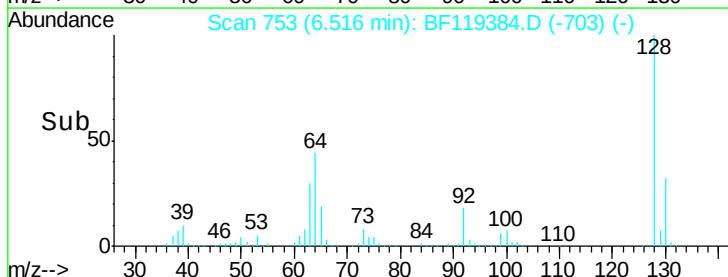
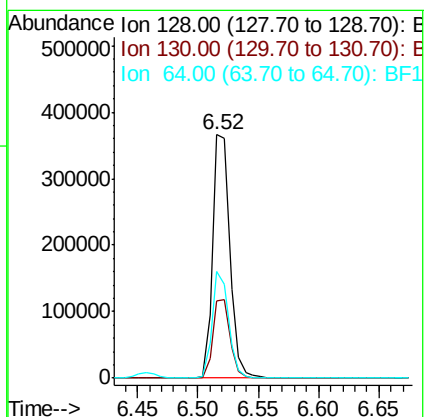
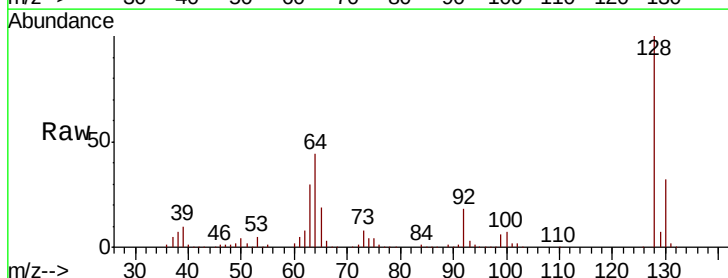
Tgt Ion: 128 Resp: 358425

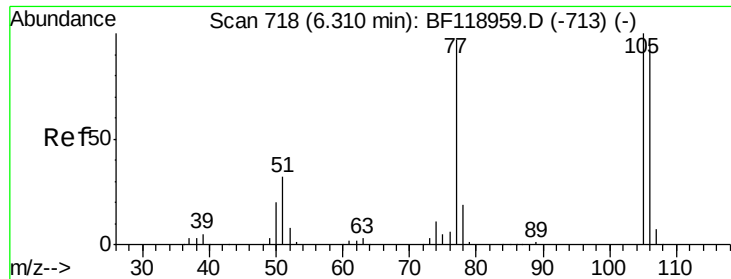
Ion Ratio Lower Upper

128 100

130 31.5 12.7 52.7

64 44.0 22.3 62.3





#9

Benzaldehyde

Concen: 41.931 ng

RT: 6.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

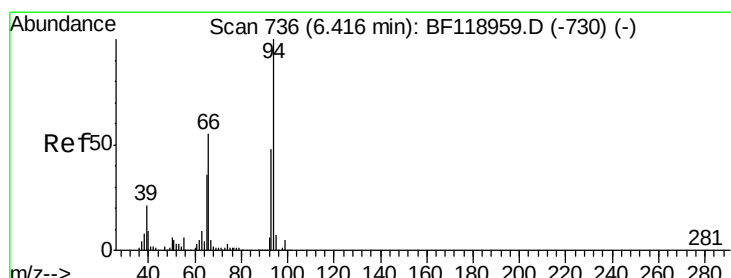
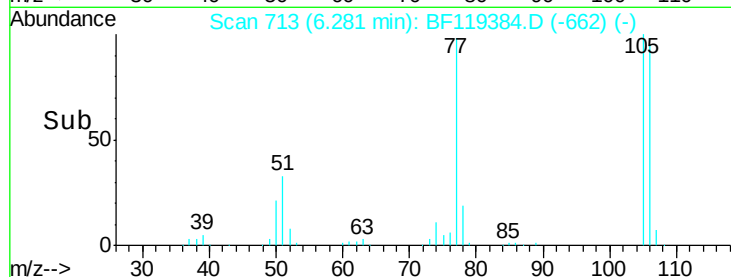
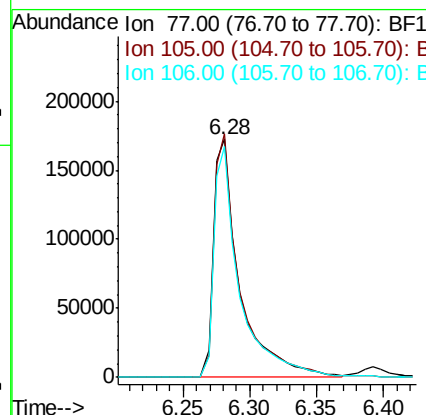
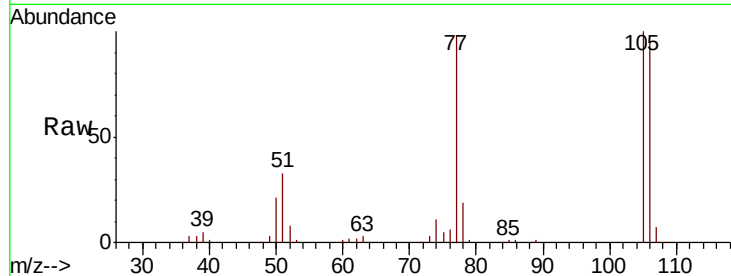
ClientSampleId :

PB127488BS

Tot Ion:	77	Resp:	237981
Ion Ratio	Lower	Upper	
77	100		
105	102.3	80.1	120.1
106	96.8	75.9	115.9

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#10

Phenol

Concen: 45.269 ng

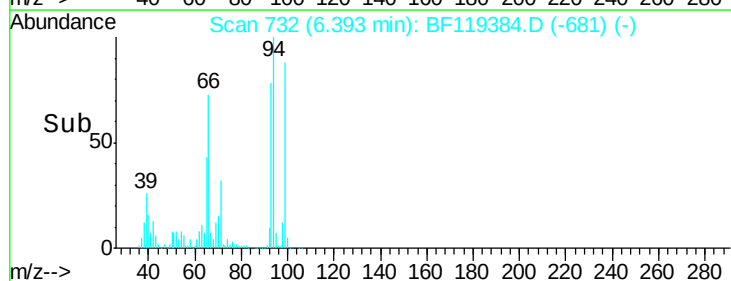
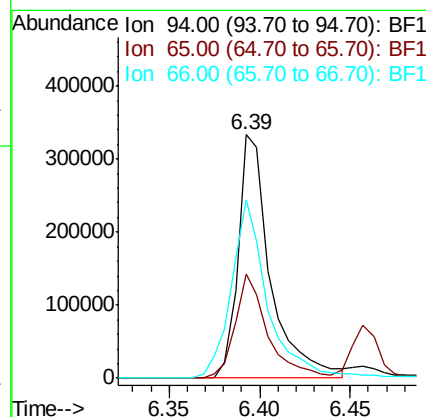
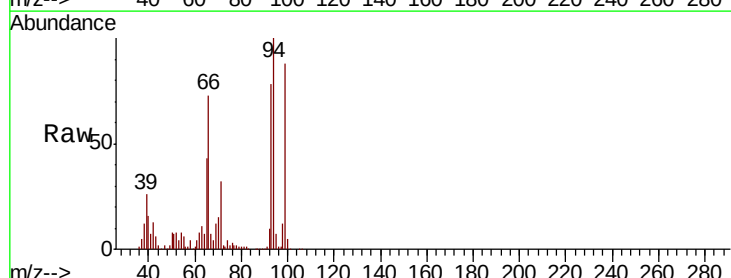
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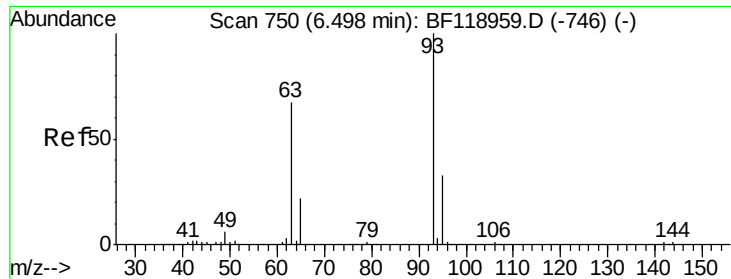
Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:	94	Resp:	415771
Ion Ratio	Lower	Upper	
94	100		
65	42.9	19.2	59.2
66	73.1	44.4	84.4





#11

bis(2-Chloroethyl)ether

Concen: 45.113 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

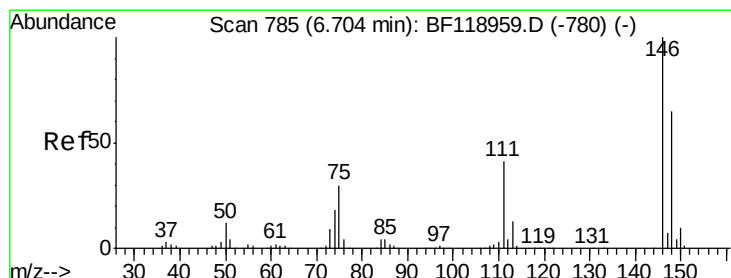
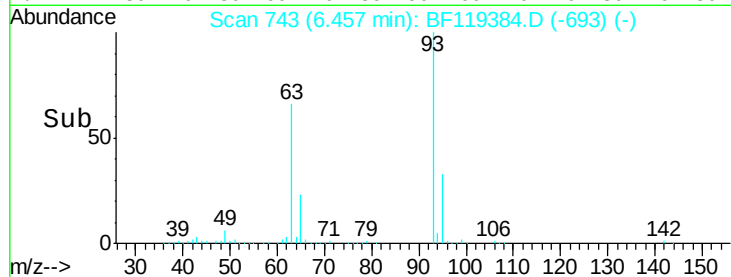
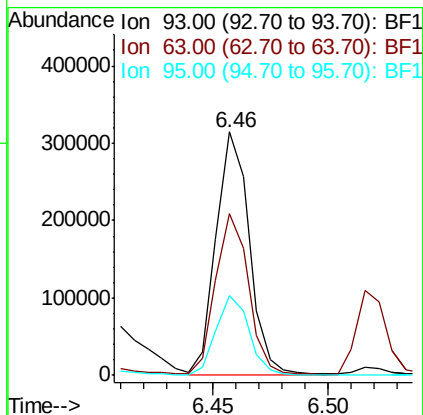
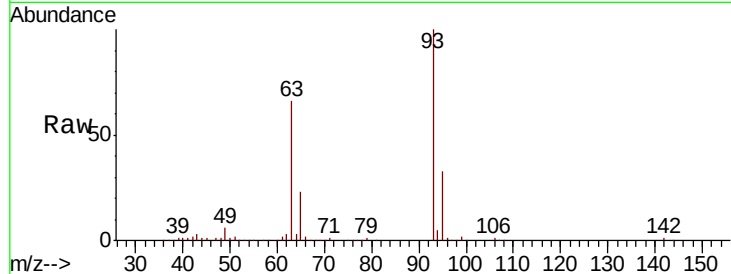
ClientSampleId :

PB127488BS

Tot Ion:	93	Resp:	317032
Ion Ratio	Lower	Upper	
93	100		
63	66.4	45.4	85.4
95	32.7	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 42.305 ng

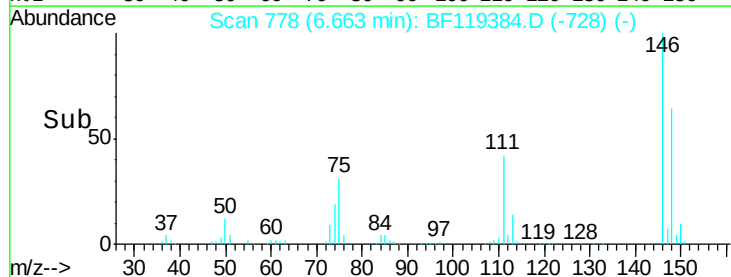
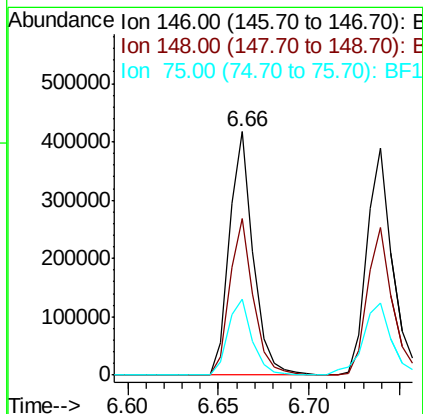
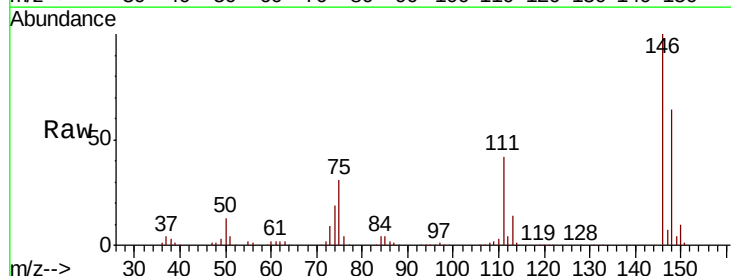
RT: 6.66 min Scan# 778

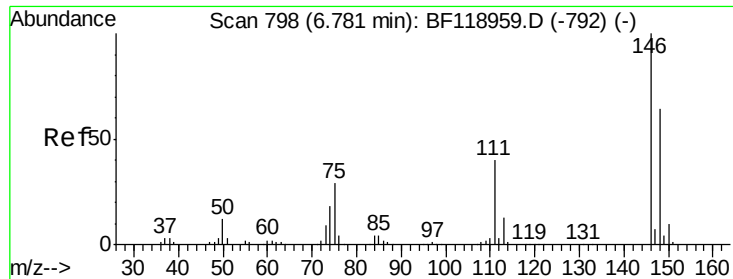
Delta R.T. -0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:	146	Resp:	382214
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.5	78.7
75	31.4	23.6	35.4





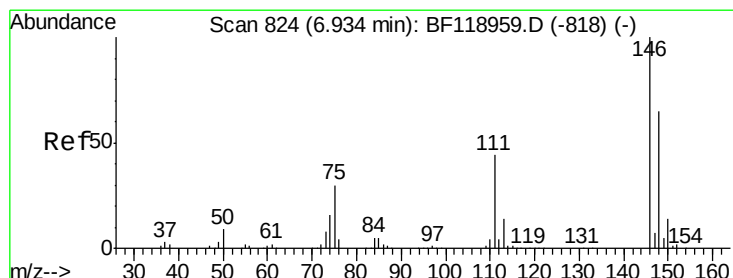
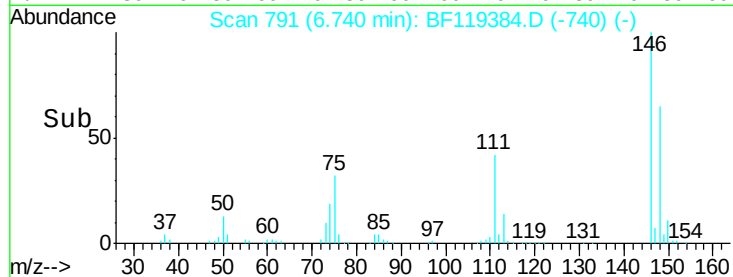
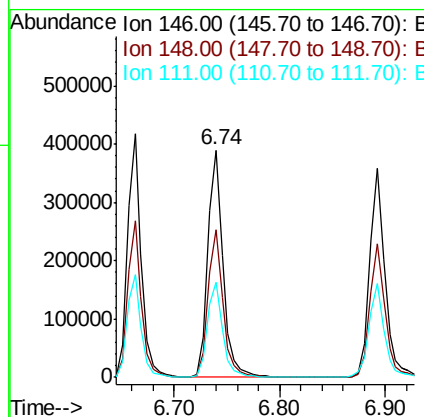
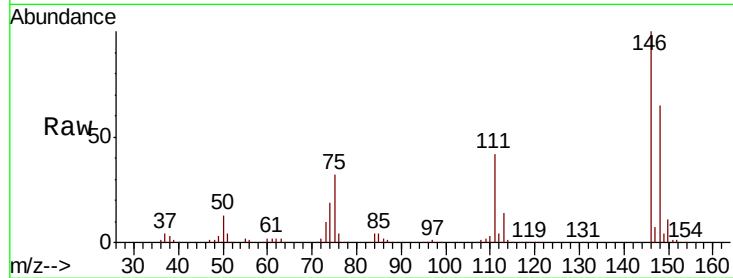
#13
 1,4-Dichlorobenzene
 Concen: 43.187 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleID :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.1	76.7
111	41.9	34.8	52.2

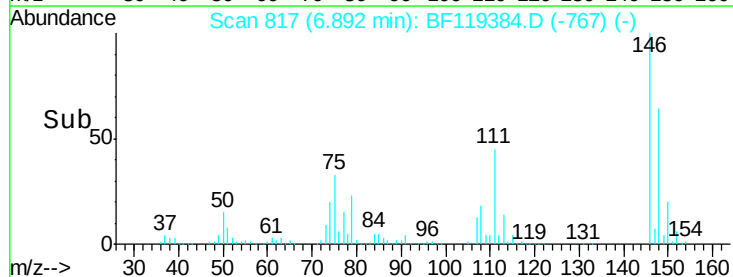
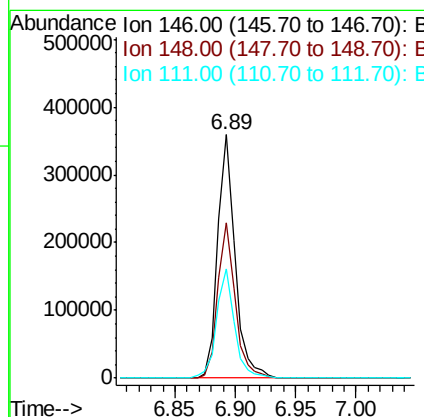
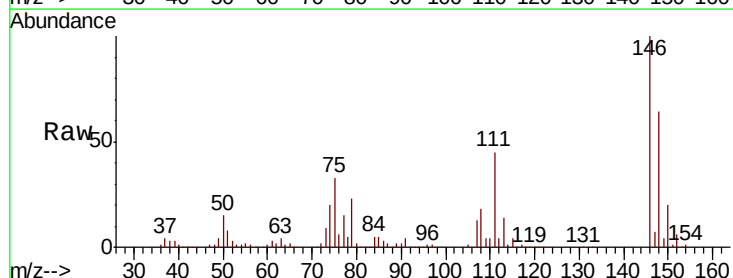
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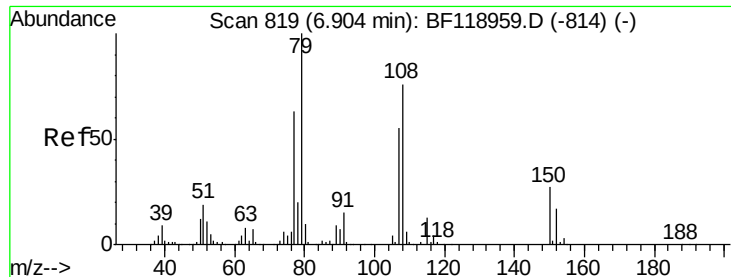
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#14
 1,2-Dichlorobenzene
 Concen: 42.858 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	44.7	36.2	54.2





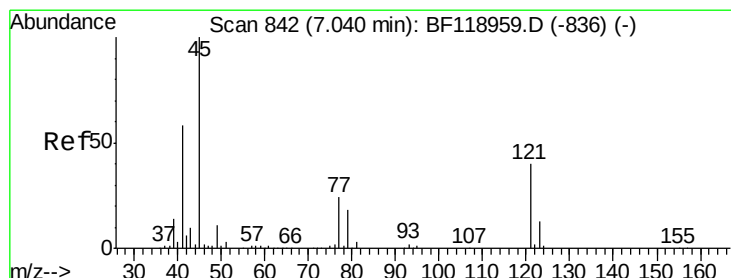
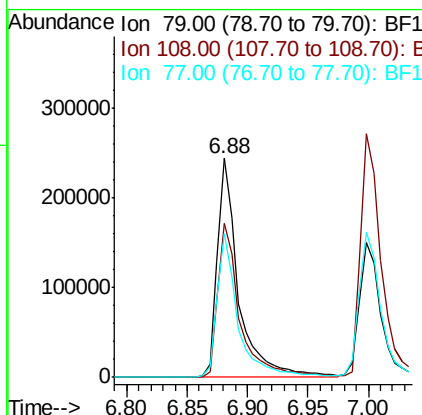
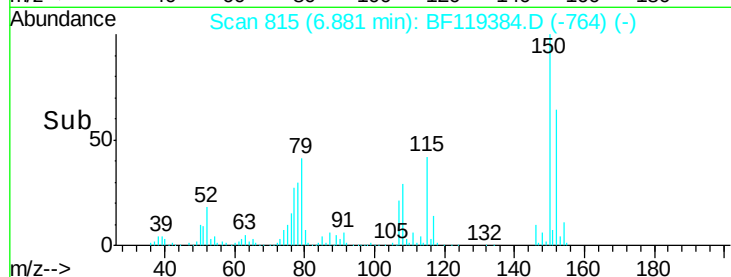
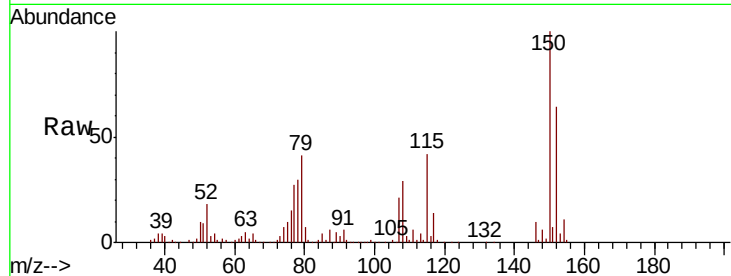
#15
Benzyl Alcohol
Concen: 48.232 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.5	58.2	87.2
77	65.4	51.2	76.8

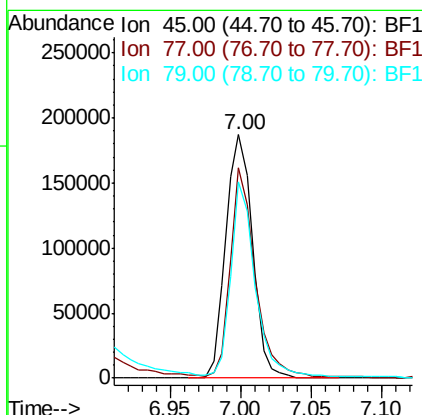
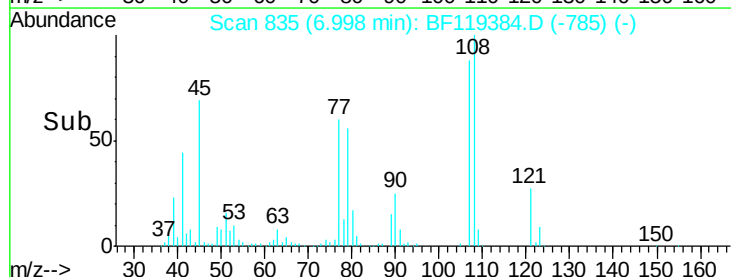
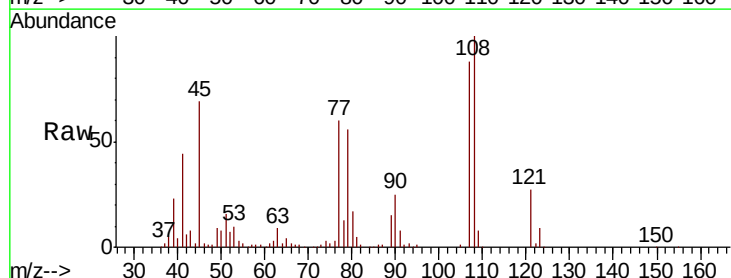
Manual Integrations
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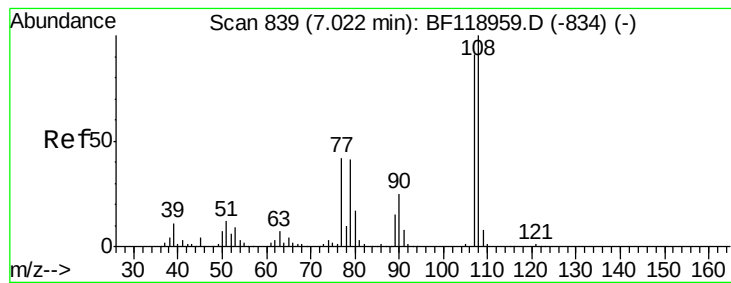
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.584 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	86.2	15.0	55.0#
79	80.5	9.4	49.4#





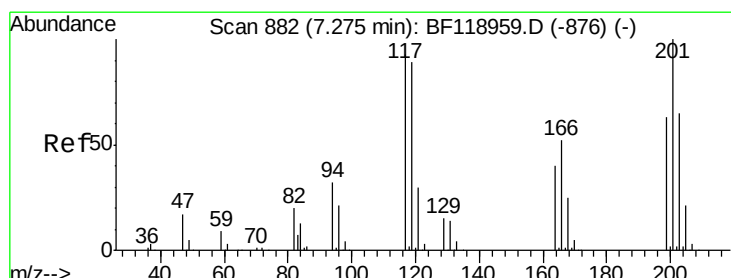
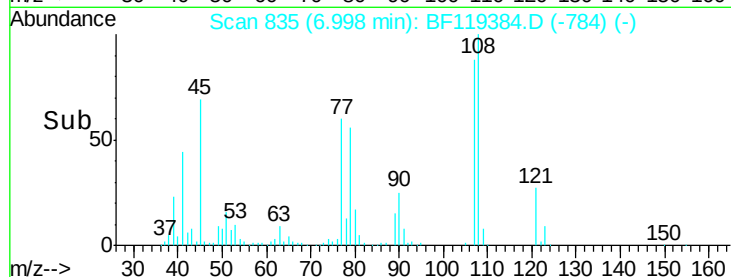
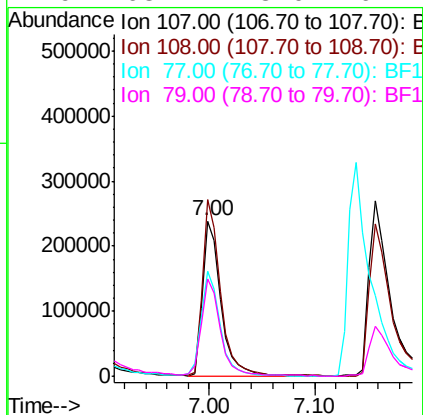
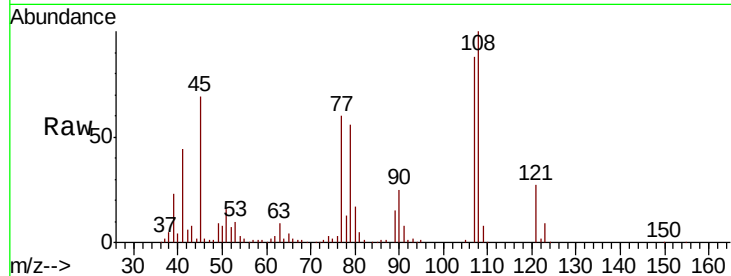
#17
2-Methylphenol
Concen: 46.886 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	87.9	131.9	
77	67.6	45.3	67.9	
79	63.1	43.0	64.4	

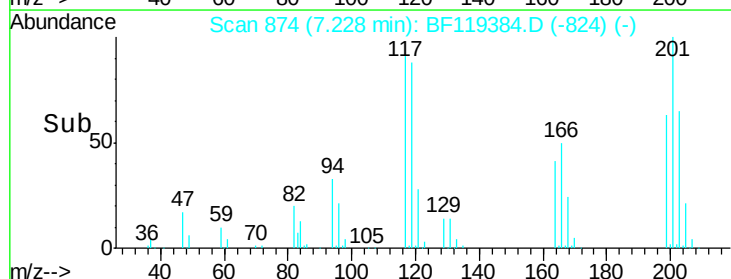
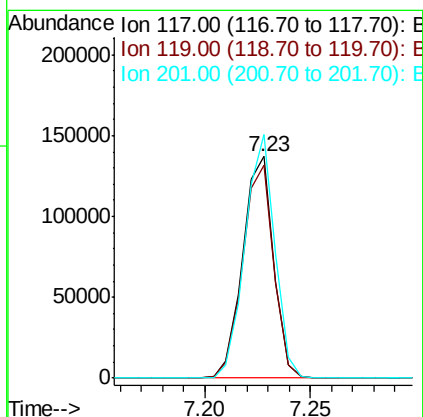
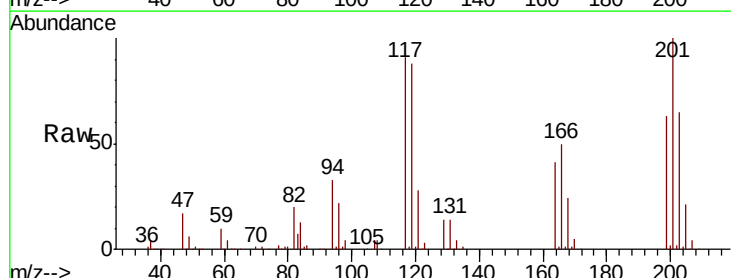
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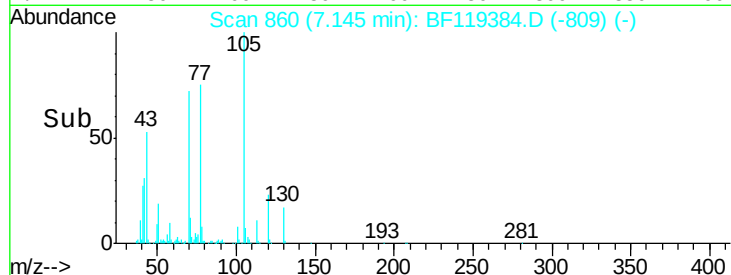
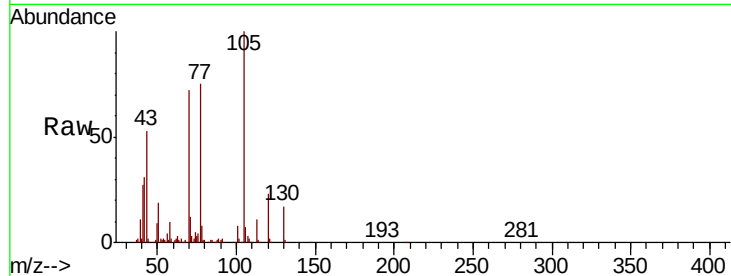
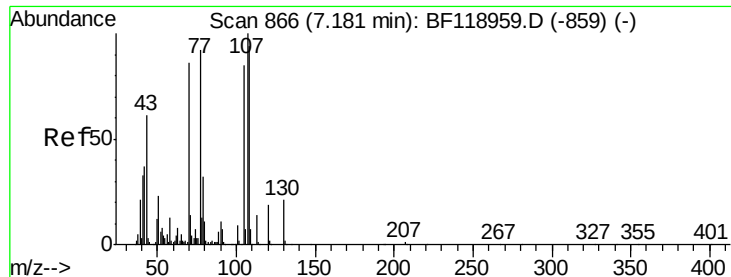
mohammad
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#18
Hexachloroethane
Concen: 42.824 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.5	116.3	
201	109.8	82.6	123.8	





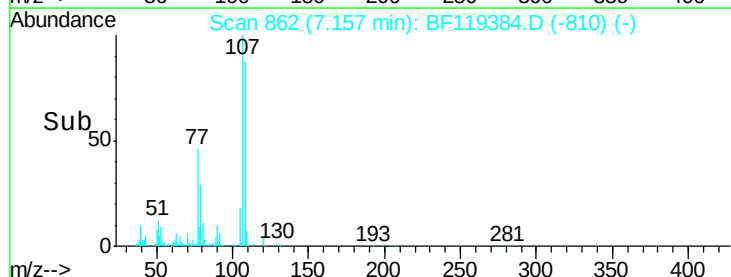
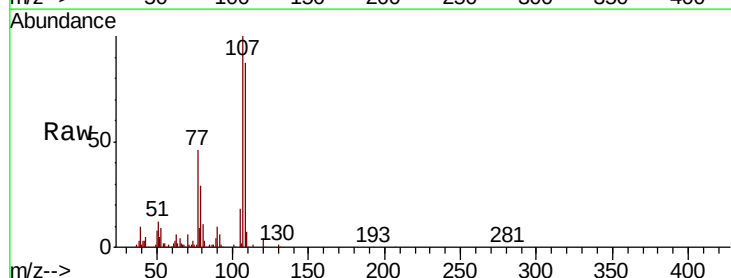
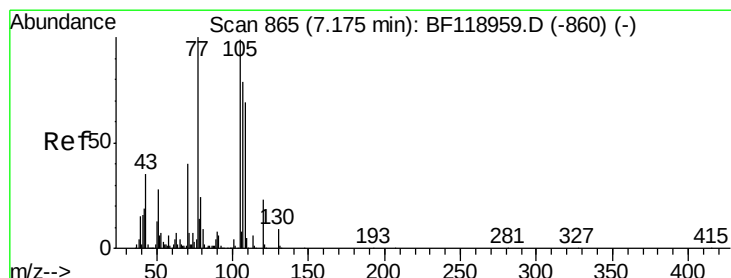
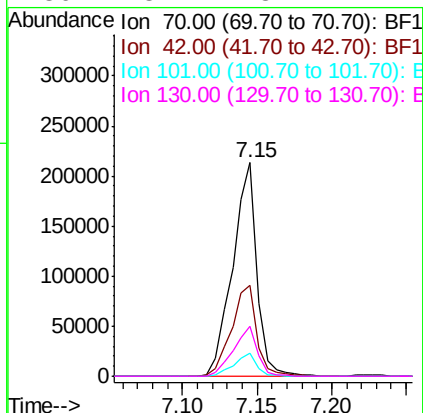
#19
n-Nitroso-di-n-propylamine
Concen: 49.134 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Manual Integrations
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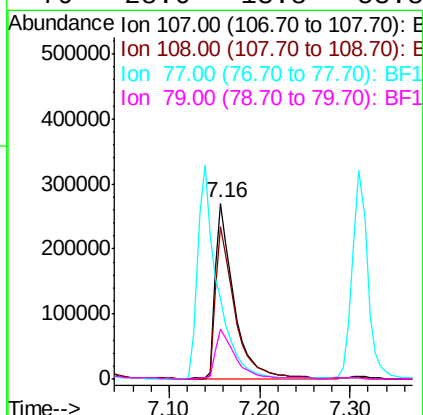
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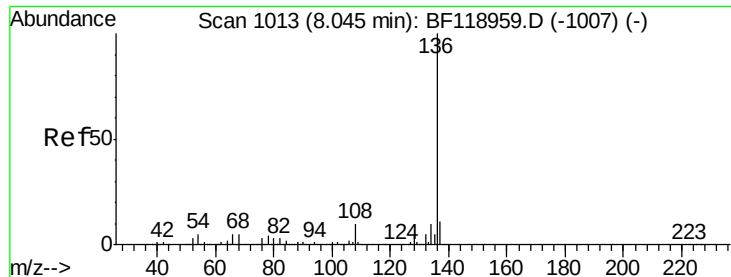
Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	38.0	57.0
101	10.6	8.2	12.4
130	23.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 52.156 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.5	111.5
77	46.2	45.9	85.9
79	28.6	13.8	53.8





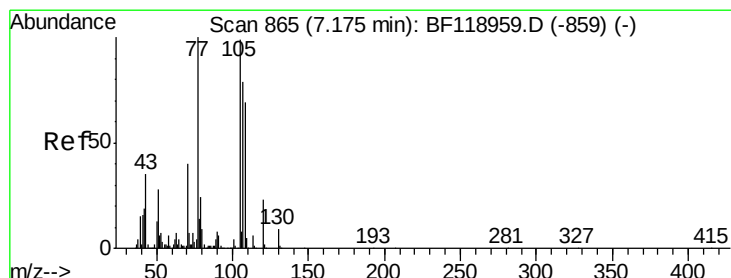
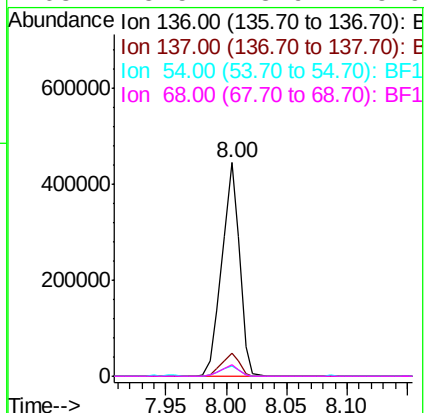
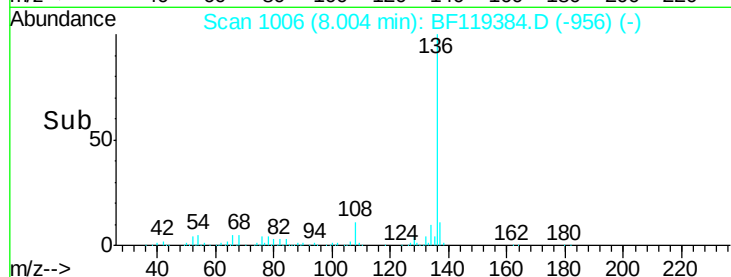
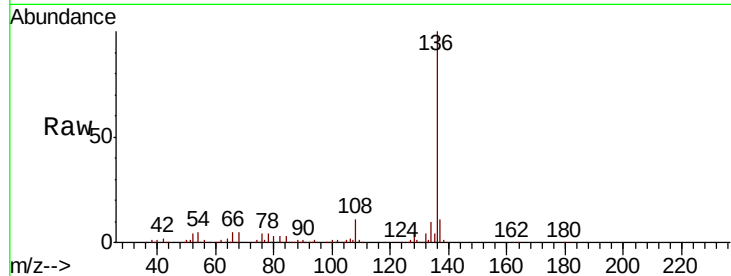
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		449370		
137	10.9		8.8	13.2	
54	5.0		3.8	5.6	
68	5.5		3.9	5.9	

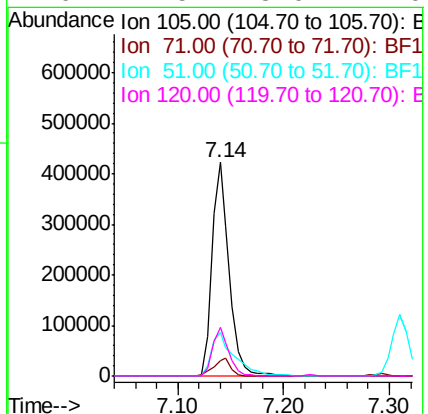
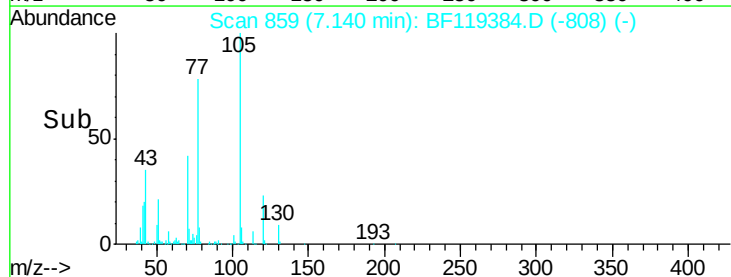
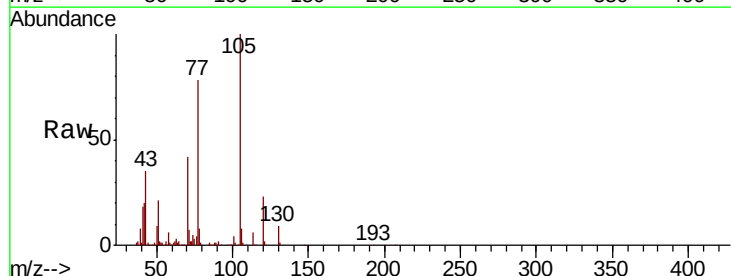
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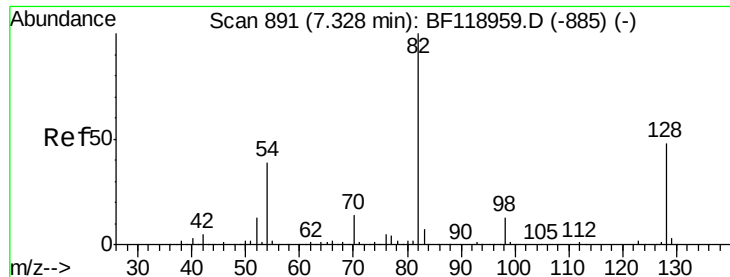
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#22
Acetophenone
Concen: 45.995 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		478224		
71	7.0		3.0	4.4#	
51	20.6		20.1	30.1	
120	22.5		18.0	27.0	





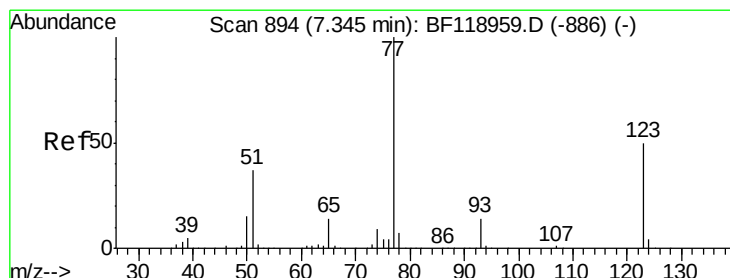
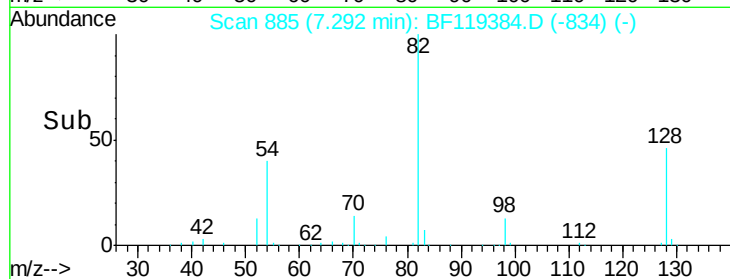
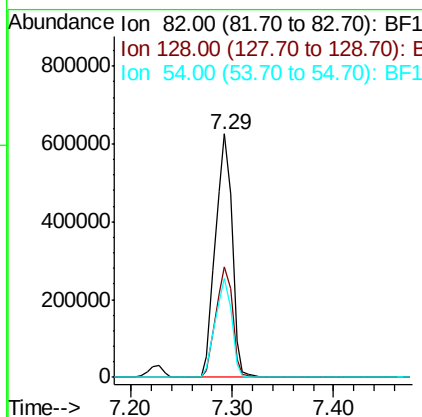
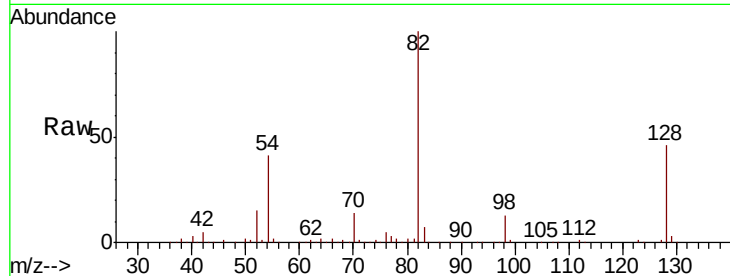
#23
 Nitrobenzene-d5
 Concen: 84.526 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion:	82	Resp:	719385
Ion Ratio	Lower	Upper	
82	100		
128	45.5	37.9	56.9
54	40.9	33.4	50.2

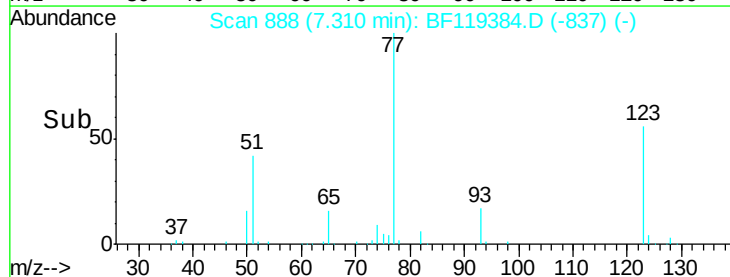
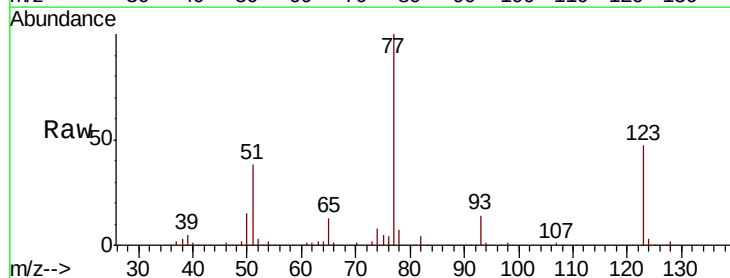
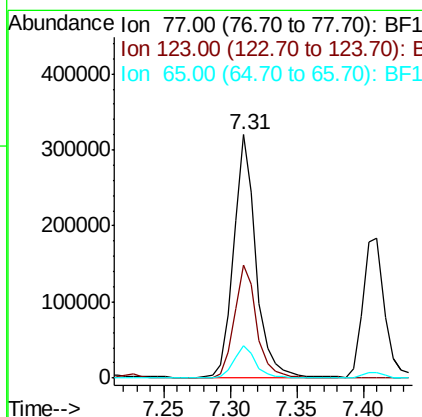
Manual Integrations
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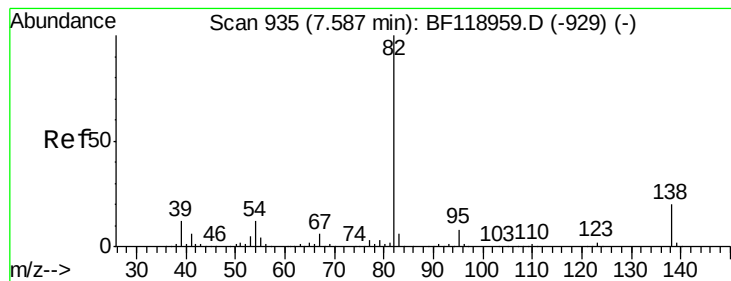
mohammad
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#24
 Nitrobenzene
 Concen: 44.312 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:	77	Resp:	372941
Ion Ratio	Lower	Upper	
77	100		
123	46.5	40.2	60.2
65	13.3	10.8	16.2





#25

Isophorone

Concen: 44.836 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

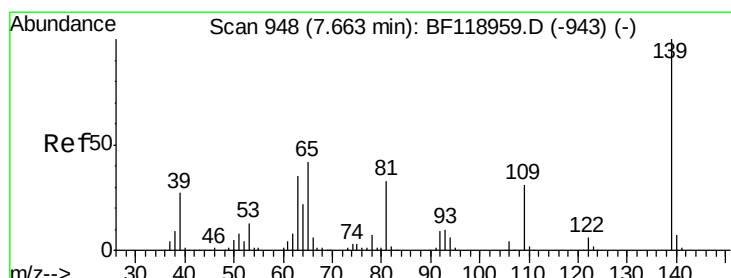
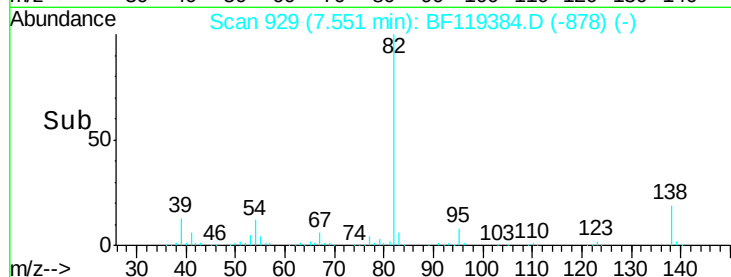
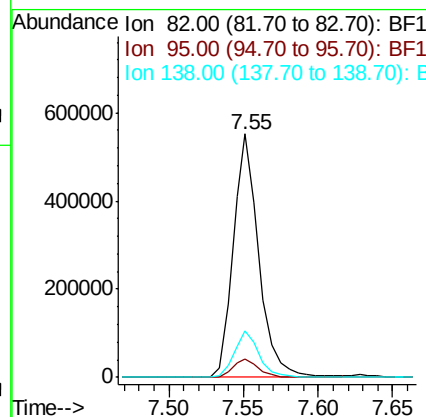
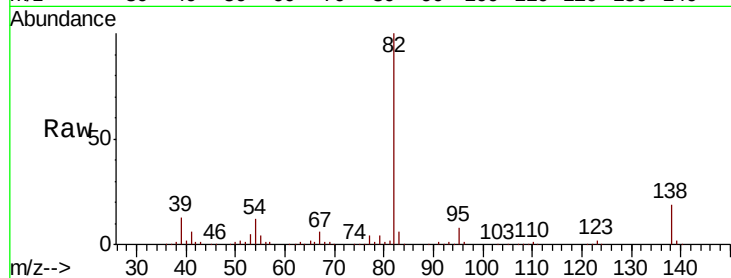
ClientSampleId :

PB127488BS

Tot Ion:	82	Resp:	662714
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.4	9.6
138	18.9	15.7	23.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.261 ng

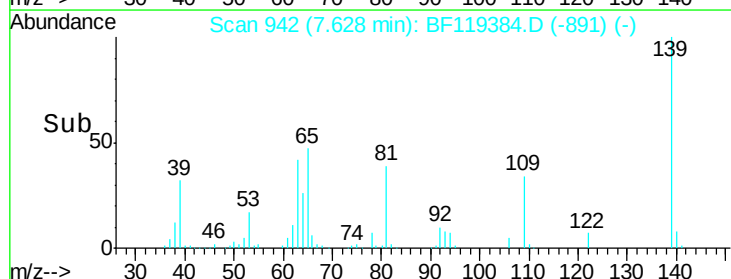
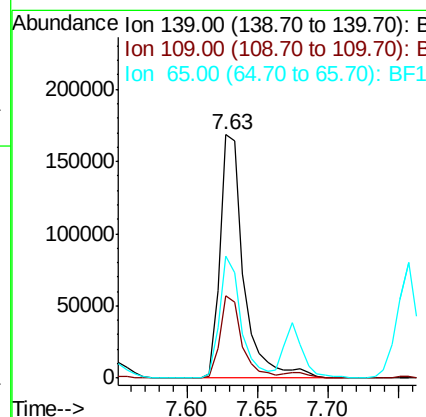
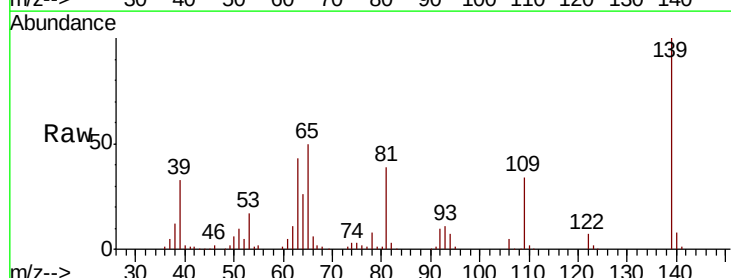
RT: 7.63 min Scan# 942

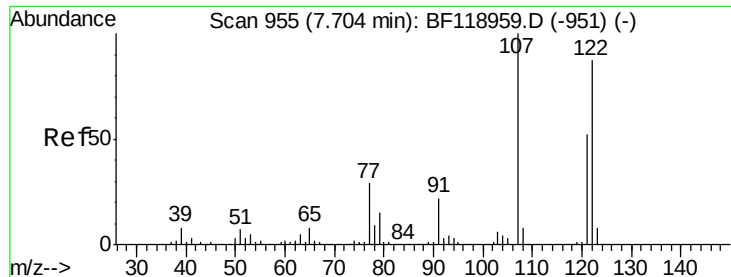
Delta R.T. 0.00 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:	139	Resp:	197374
Ion Ratio	Lower	Upper	
139	100		
109	34.0	25.7	38.5
65	50.2	37.1	55.7





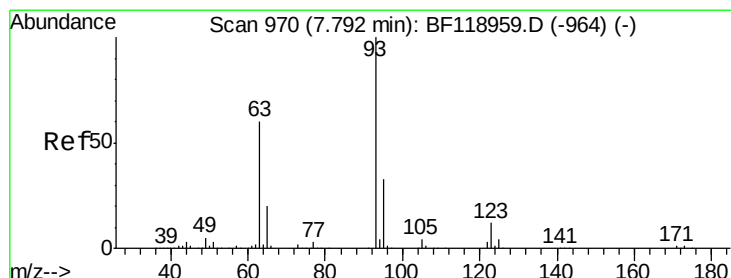
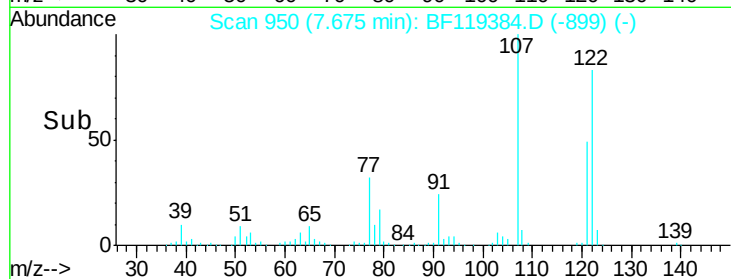
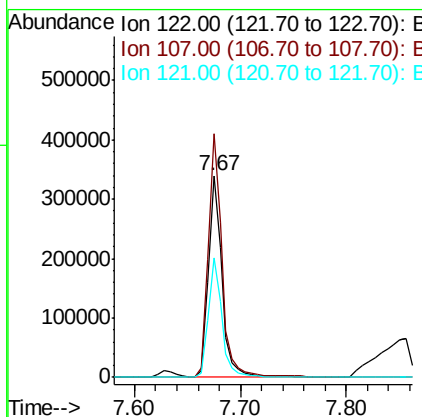
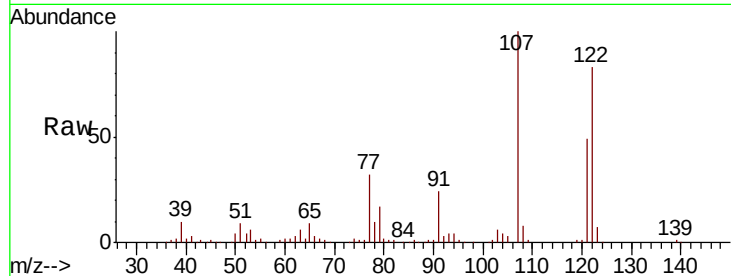
#27
 2,4-Dimethylphenol
 Concen: 50.248 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampled :
 PB127488BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	304108		
107	120.7	93.8	140.6	
121	58.9	48.2	72.2	

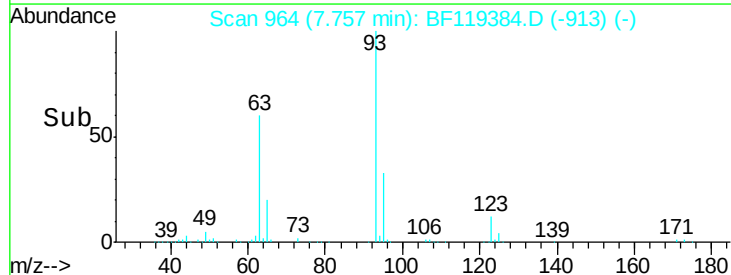
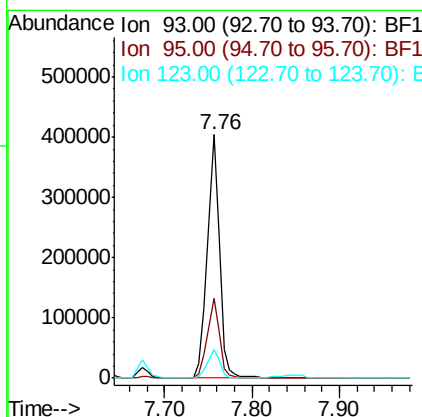
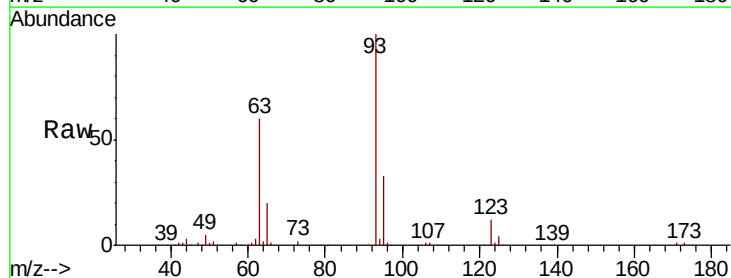
Manual Integrations
 APPROVED

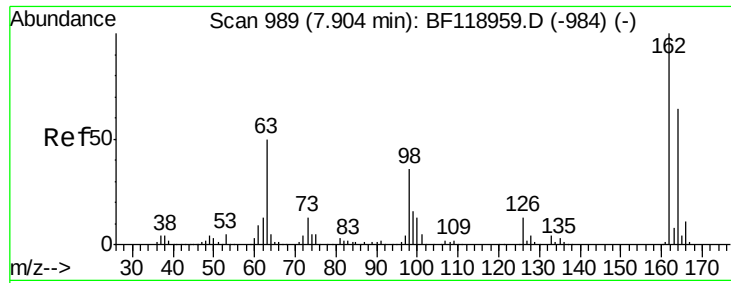
mohammad
 3/16/2020 1:47:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.444 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	398722		
95	32.9	26.5	39.7	
123	11.8	10.2	15.2	





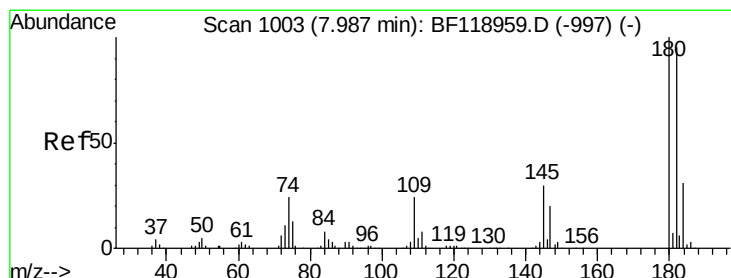
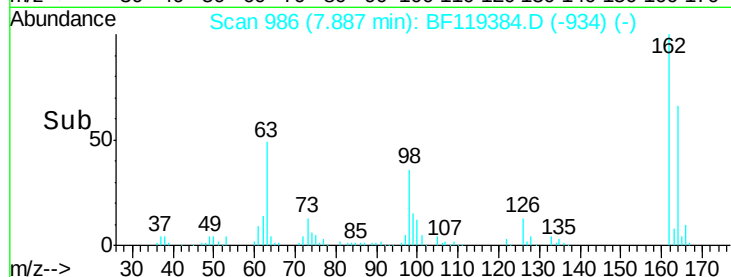
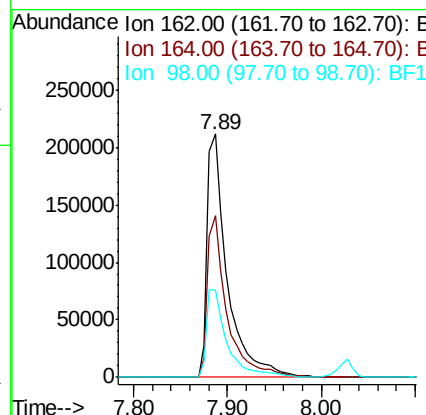
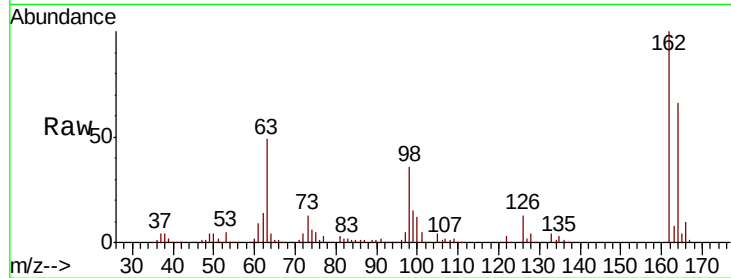
#29
2,4-Dichlorophenol
Concen: 44.467 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	45.2	85.2
98	35.8	17.4	57.4

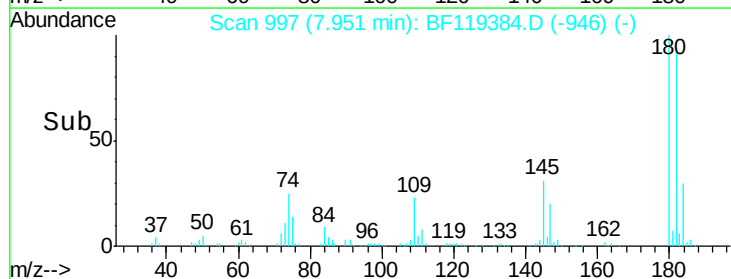
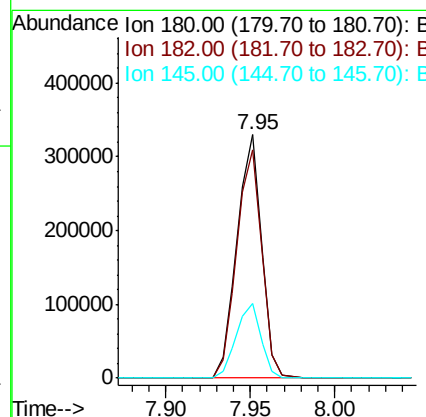
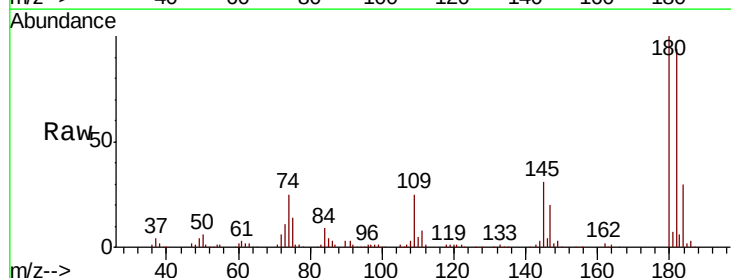
Manual Integrations
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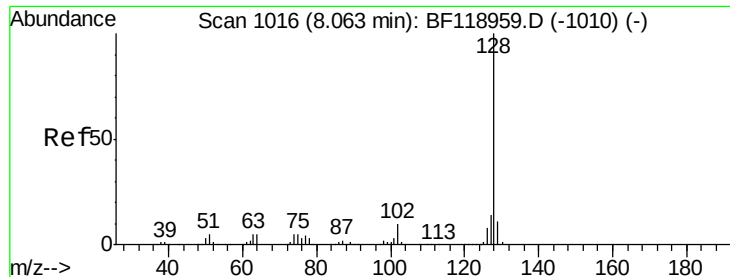
mohammad
3/16/2020 1:47:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.657 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	77.8	116.6
145	30.9	25.2	37.8





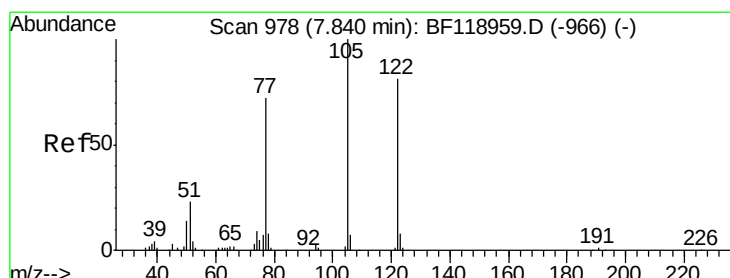
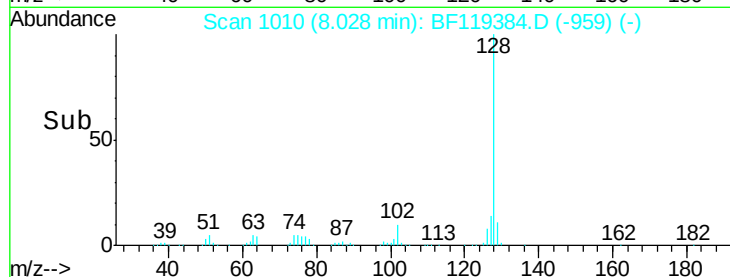
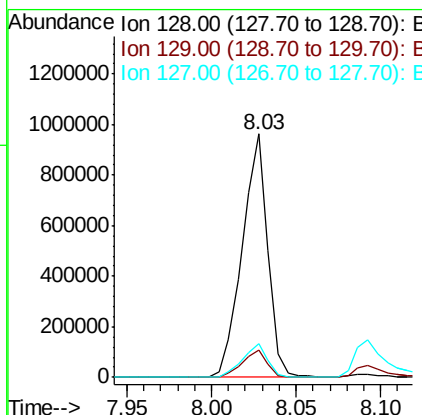
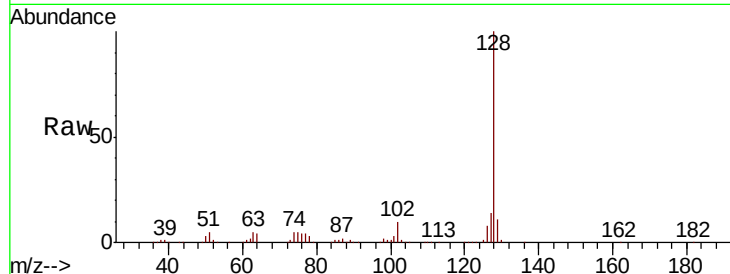
#31
Naphthalene
Concen: 43.762 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion:128 Resp: 1019870
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.7 11.4 17.2

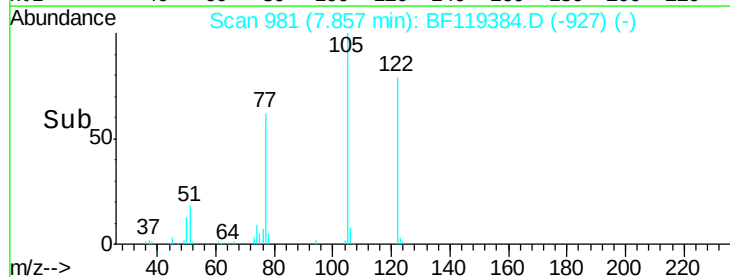
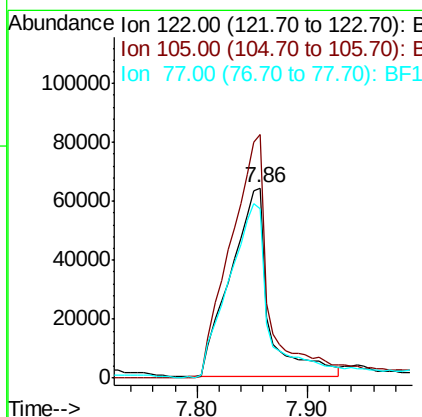
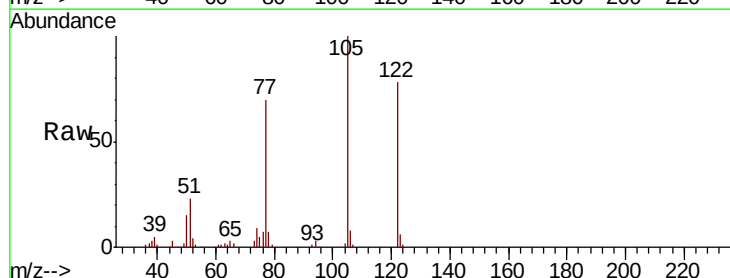
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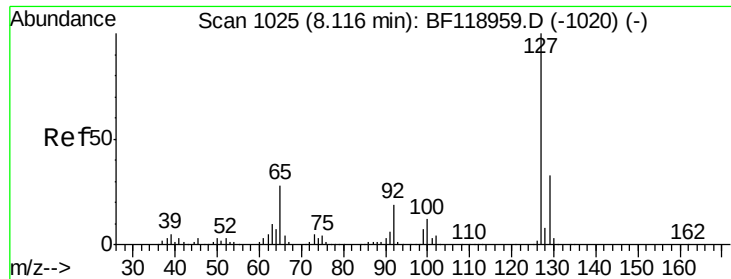
mohammad
3/16/2020 1:47:30 PM



#32
Benzoic acid
Concen: 37.152 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion:122 Resp: 156319
Ion Ratio Lower Upper
122 100
105 127.9 106.3 146.3
77 89.2 73.1 113.1





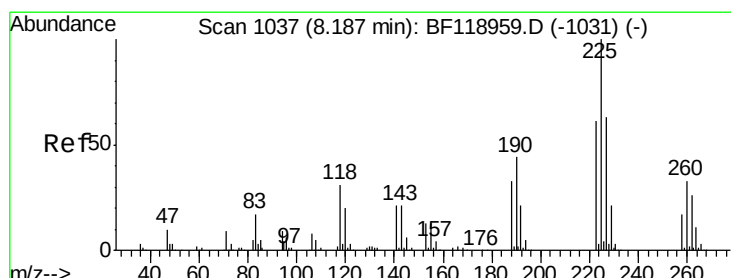
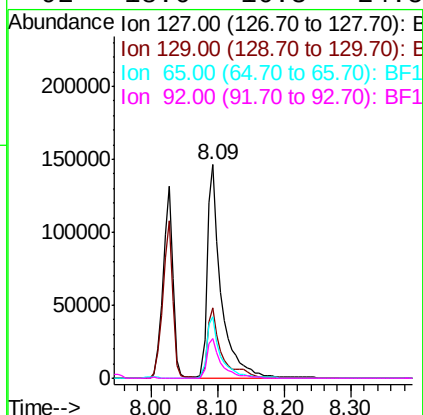
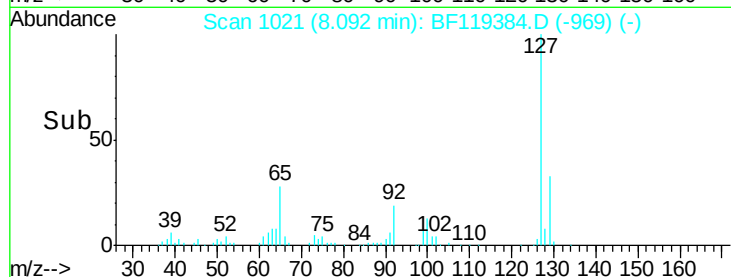
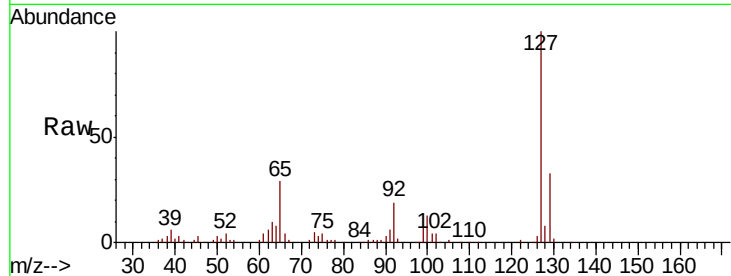
#33
4-Chloroaniline
Concen: 21.371 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		214217		
129	32.8	25.9	38.9		
65	28.6	23.9	35.9		
92	18.6	16.3	24.5		

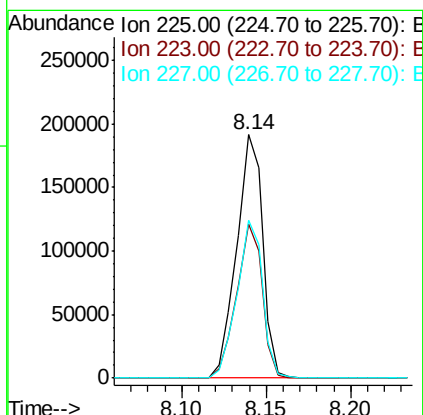
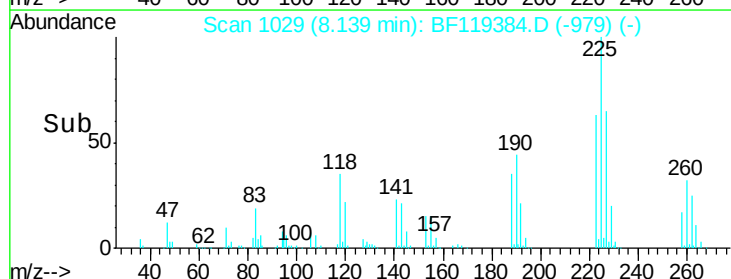
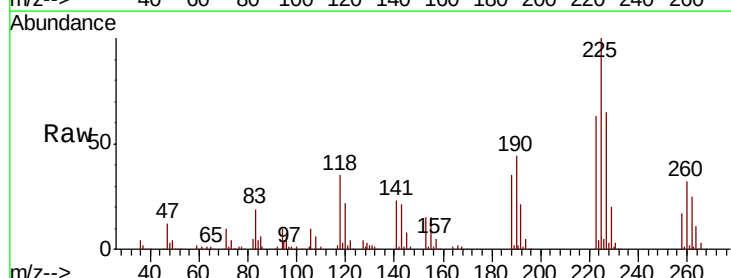
Manual Integrations
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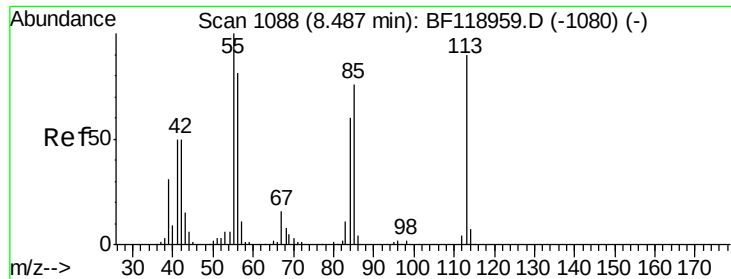
mohammad
3/16/2020 1:47:30 PM



#34
Hexachlorobutadiene
Concen: 39.141 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		205958		
223	63.3	49.4	74.2		
227	64.6	52.9	79.3		





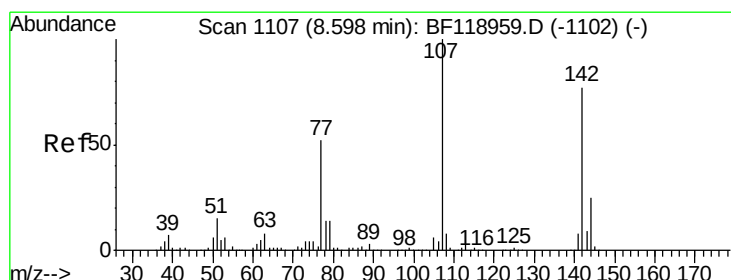
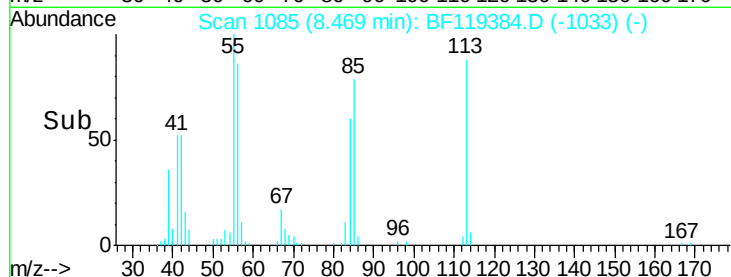
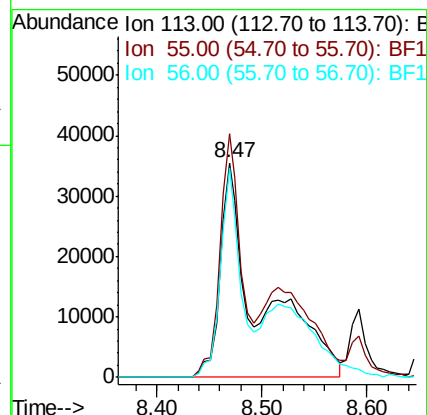
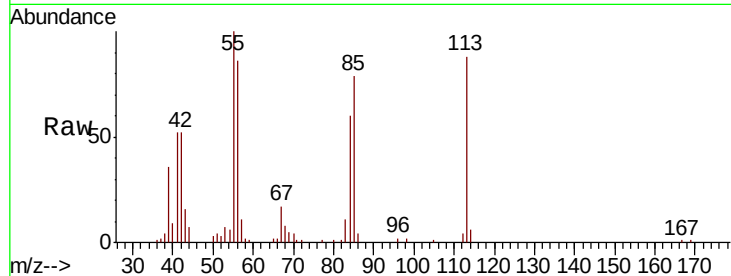
#35
 Caprolactam
 Concen: 42.706 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	113.3	95.7	135.7
56	97.5	73.1	113.1

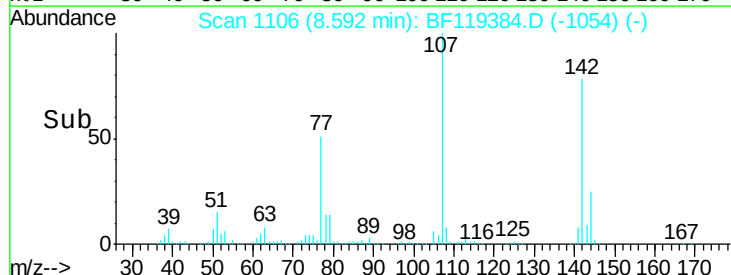
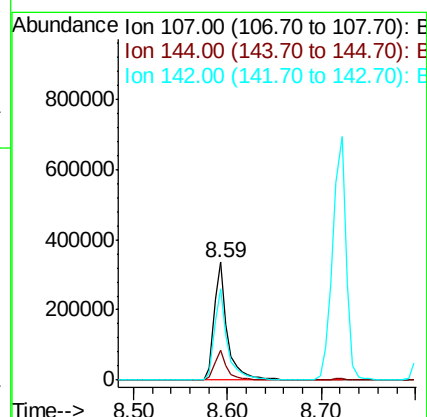
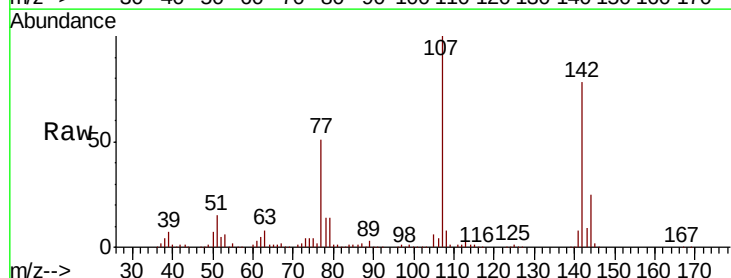
Manual Integrations
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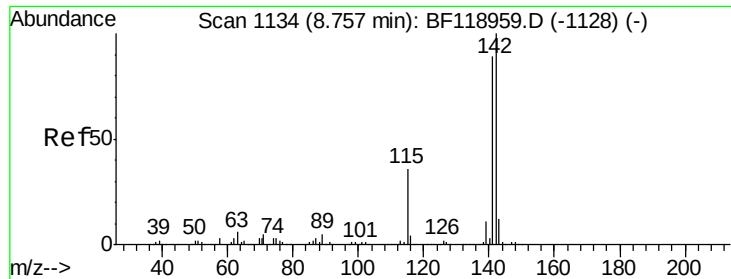
mohammad
 3/16/2020 1:47:30 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.392 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.1	30.1
142	77.6	61.4	92.2





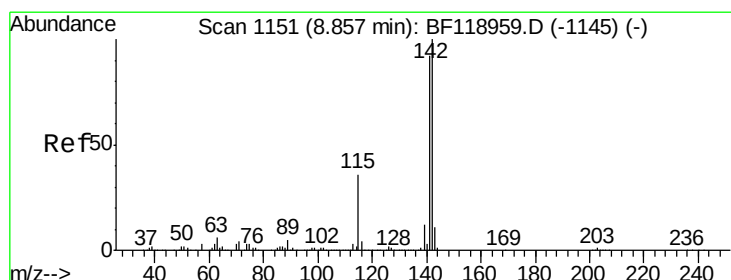
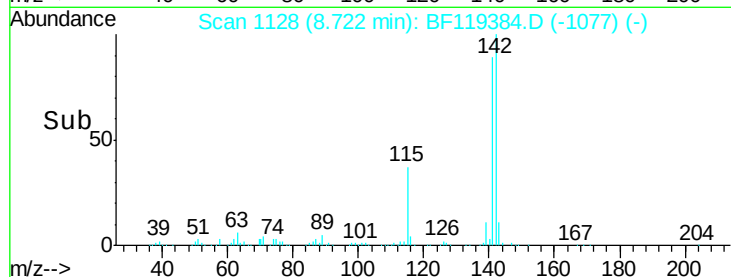
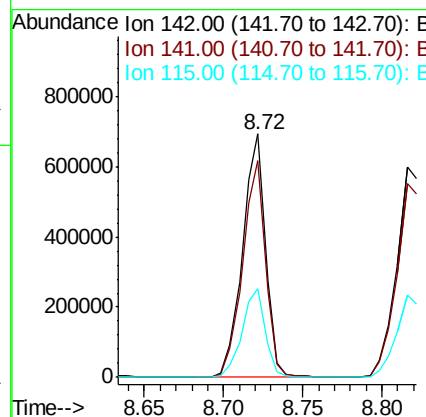
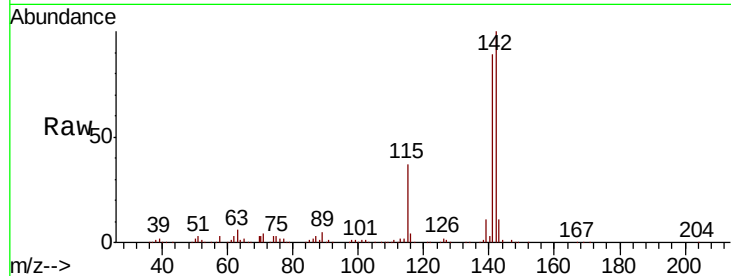
#37
2-Methylnaphthalene
Concen: 44.144 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.3	108.5
115	36.5	30.6	45.8

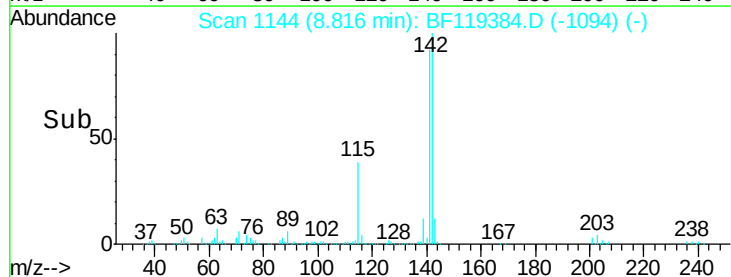
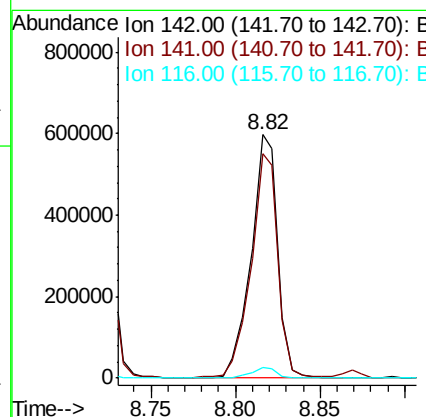
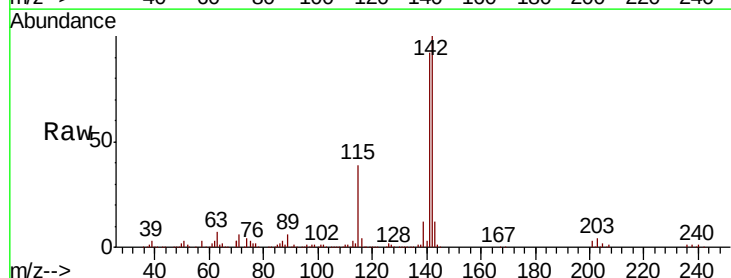
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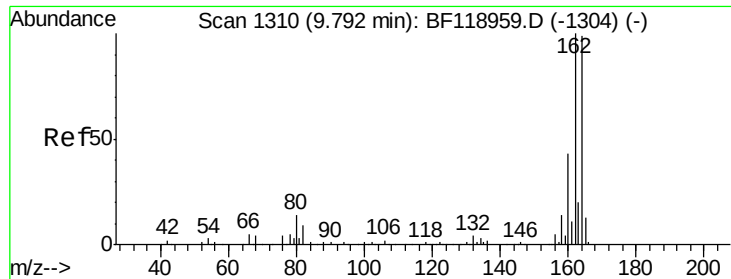
mohammad
3/16/2020 1:47:30 PM



#38
1-Methylnaphthalene
Concen: 44.224 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	75.8	113.6
116	4.1	3.1	4.7





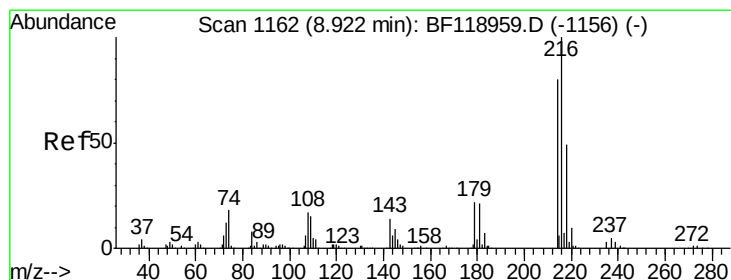
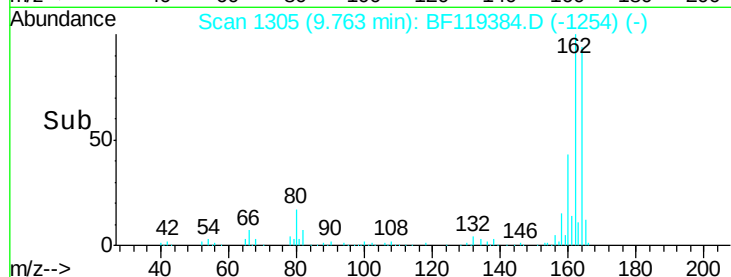
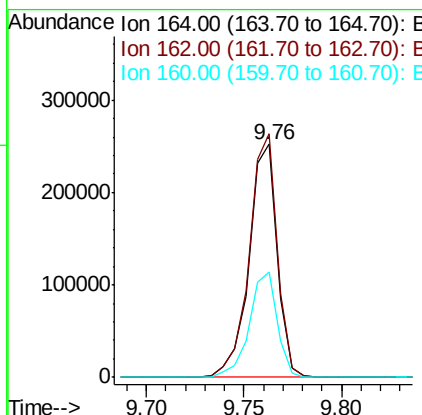
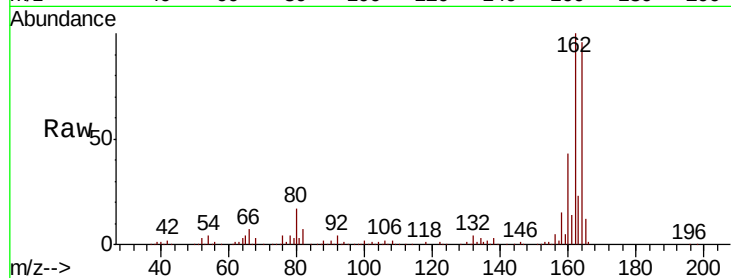
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.8	122.8
160	45.3	36.0	54.0

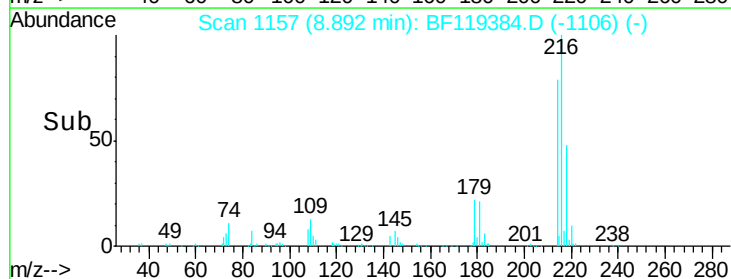
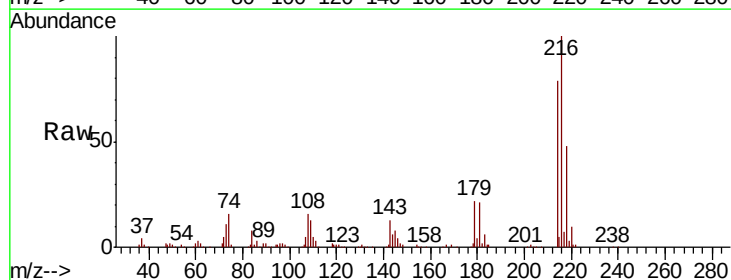
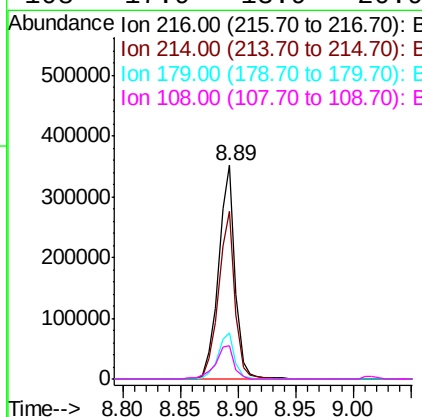
Manual Integrations
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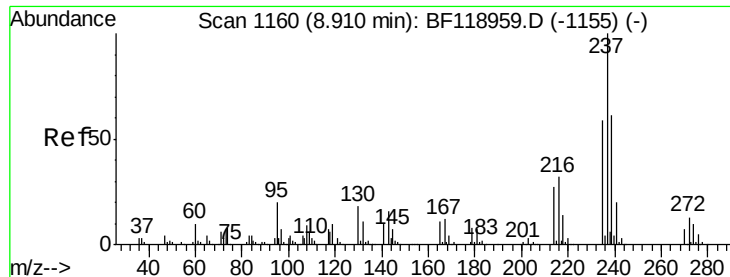
mohammad
 3/16/2020 1:47:30 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.149 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.3	94.9
179	21.7	17.7	26.5
108	17.9	13.9	20.9





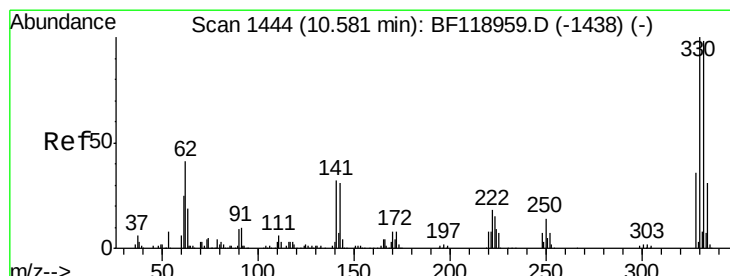
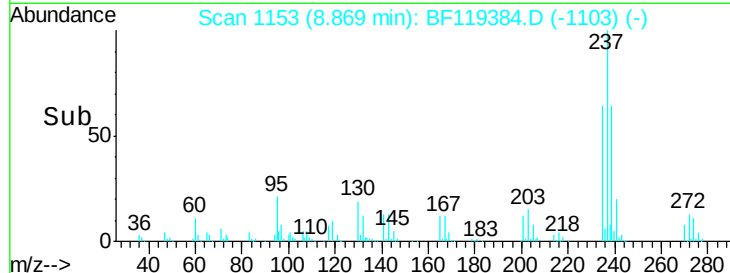
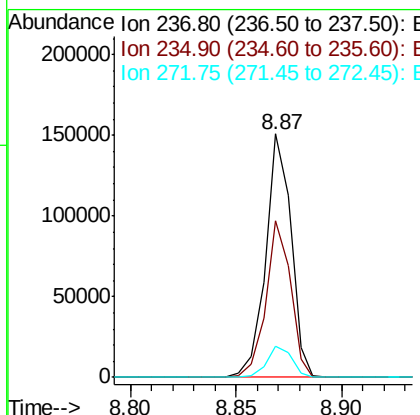
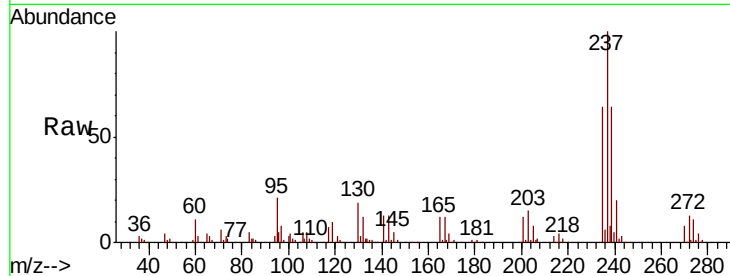
#41
Hexachlorocyclopentadiene
Concen: 45.729 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.2	42.3	82.3
272	12.6	0.0	33.5

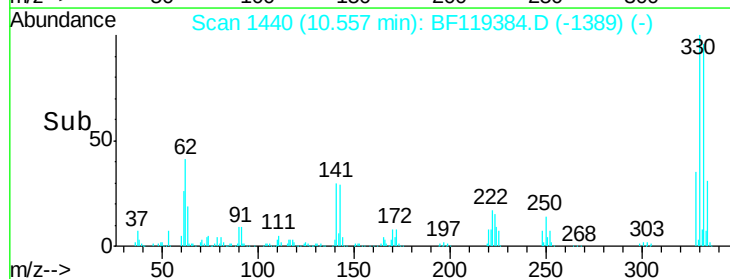
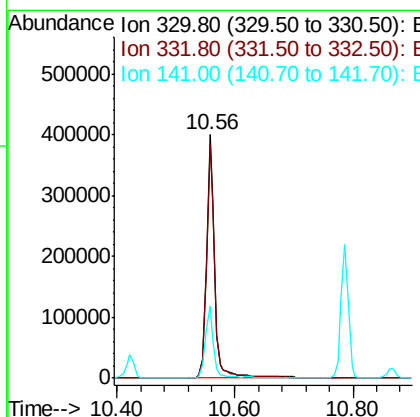
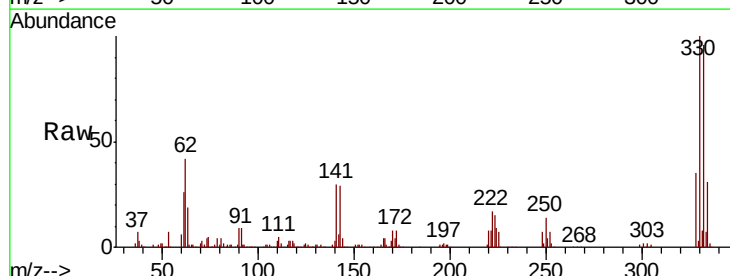
Manual Integrations
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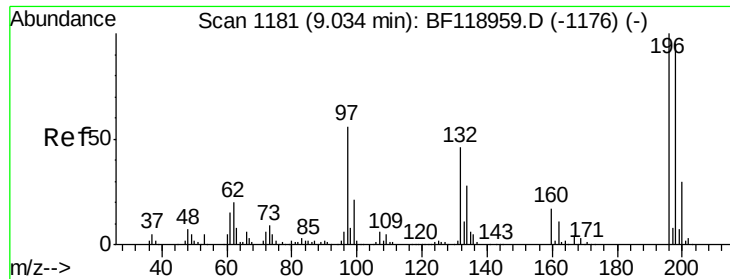
mohammad
3/16/2020 1:47:30 PM



#42
2,4,6-Tribromophenol
Concen: 119.183 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.2	76.0	114.0
141	29.1	22.9	34.3





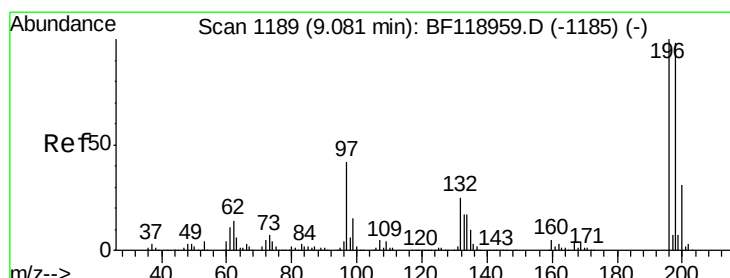
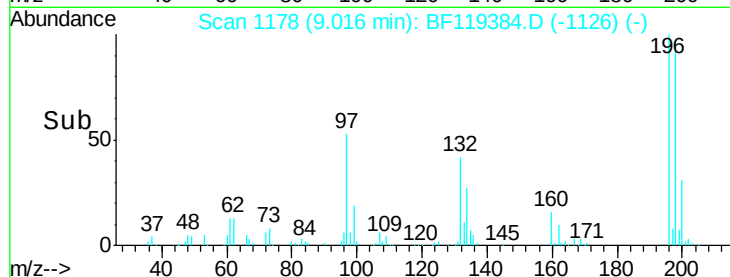
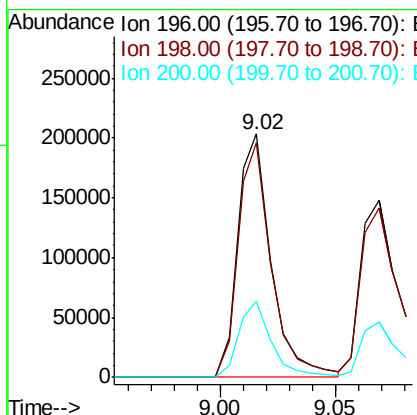
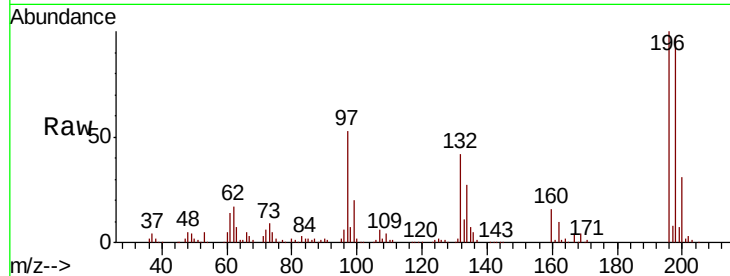
#43
 2,4,6-Trichlorophenol
 Concen: 38.575 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion:	196	Resp:	206265
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.1	115.7
200	31.4	25.0	37.6

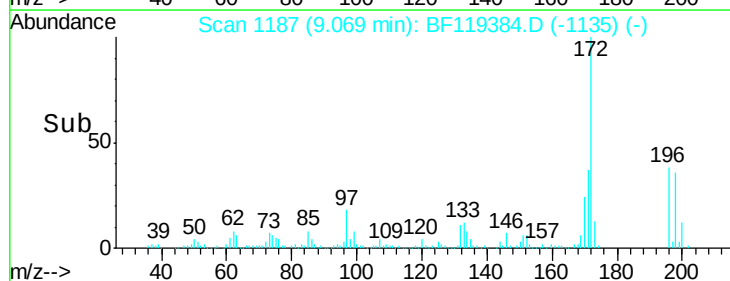
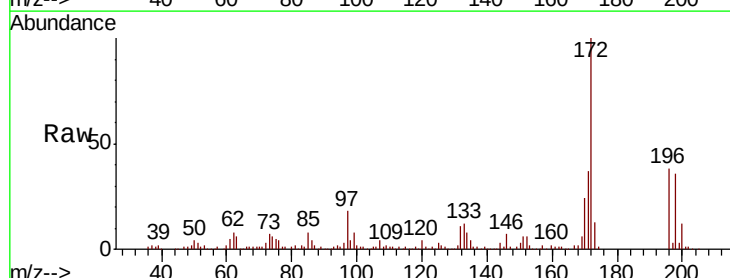
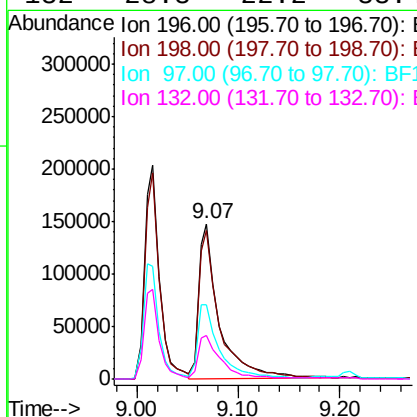
Manual Integrations
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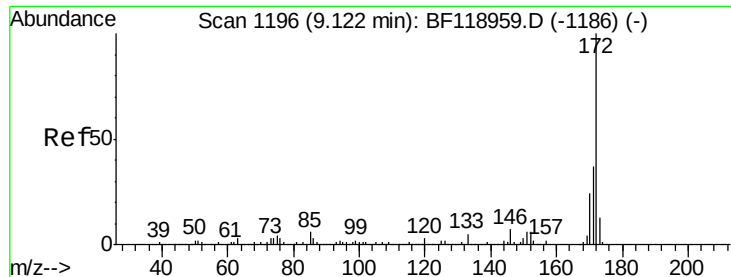
mohammad
 3/16/2020 1:47:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.242 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:	196	Resp:	203355
Ion Ratio	Lower	Upper	
196	100		
198	95.7	76.8	115.2
97	48.0	38.5	57.7
132	28.3	22.2	33.4





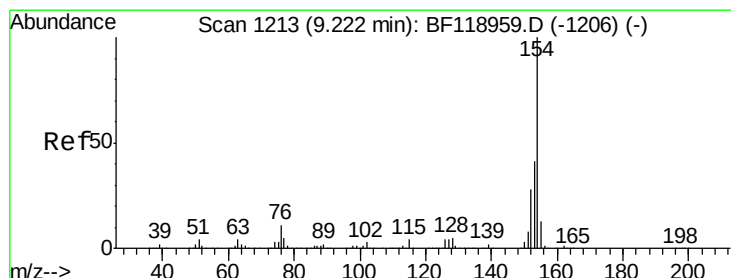
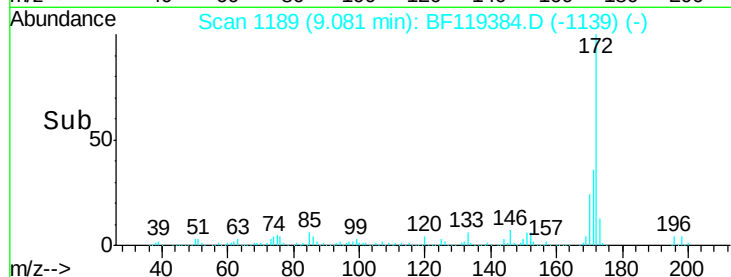
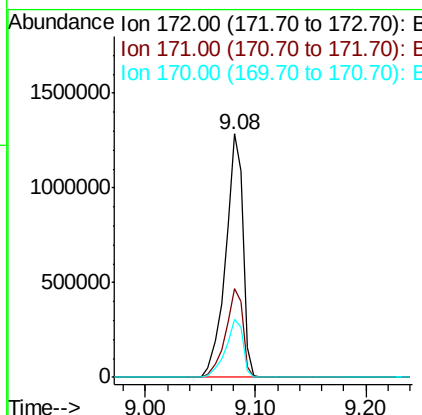
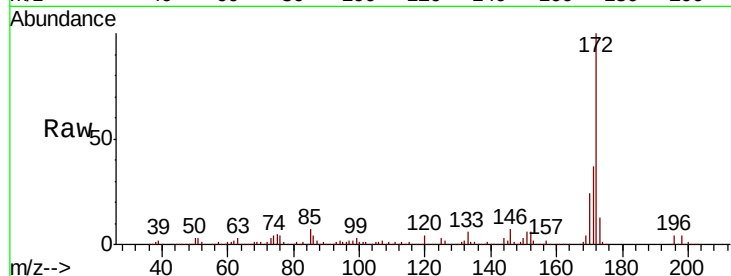
#45
2-Fluorobiphenyl
Concen: 82.651 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.0	20.2	30.2

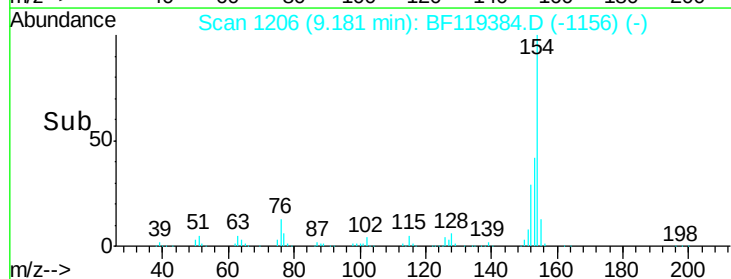
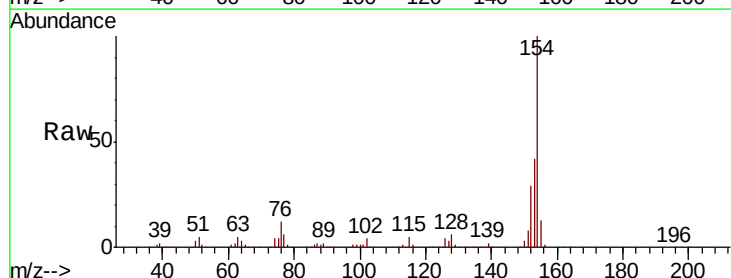
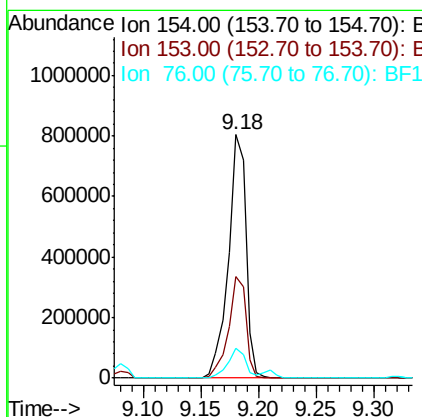
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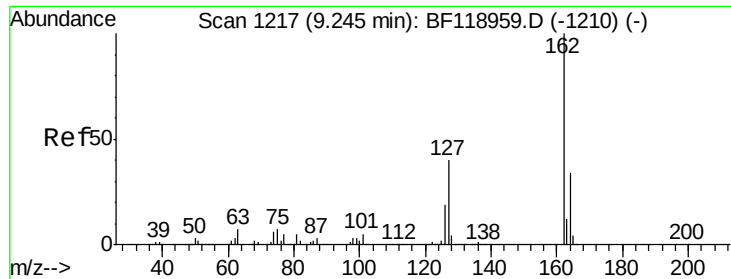
mohammad
3/16/2020 1:47:30 PM



#46
1,1'-Biphenyl
Concen: 41.903 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.8	62.8
76	12.5	0.0	32.2





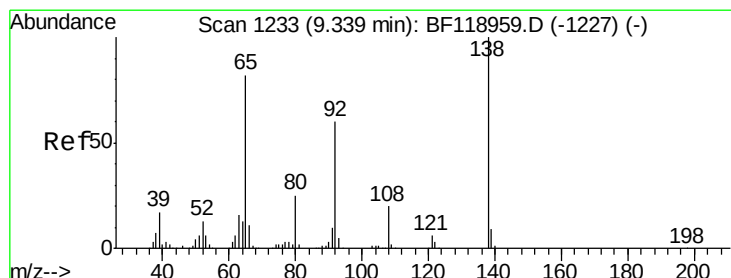
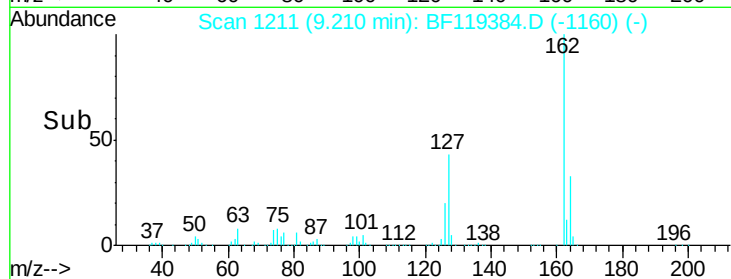
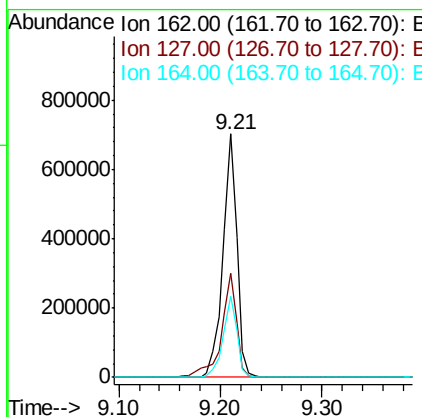
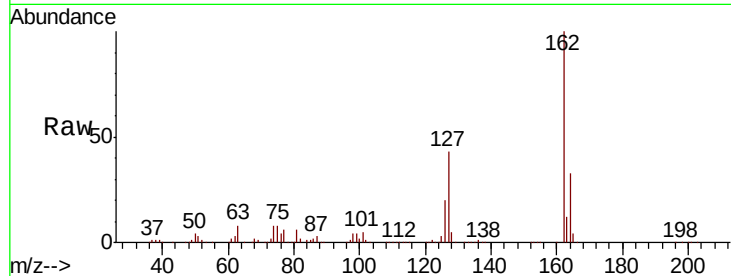
#47
 2-Chloronaphthalene
 Concen: 40.958 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	669927		
127	42.9	35.0	52.4	
164	33.0	27.2	40.8	

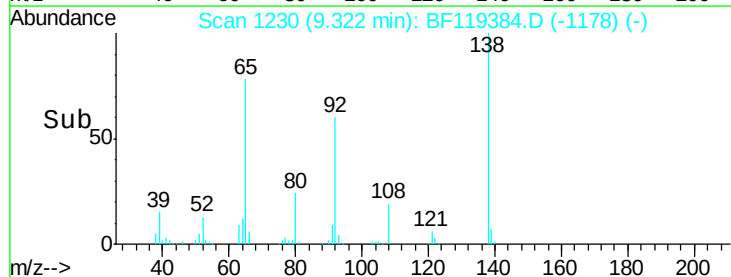
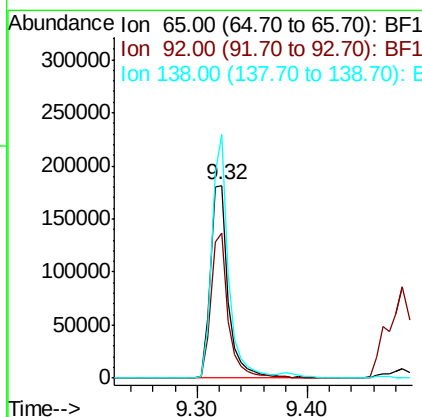
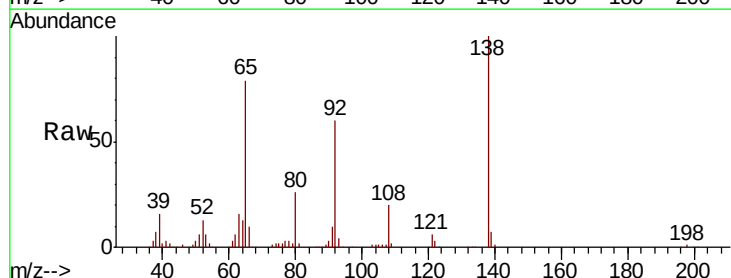
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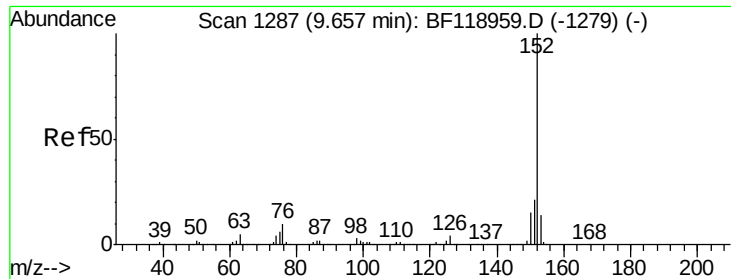
mohammad
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#48
 2-Nitroaniline
 Concen: 43.810 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	199865		
92	75.4	58.2	87.2	
138	126.4	95.6	143.4	





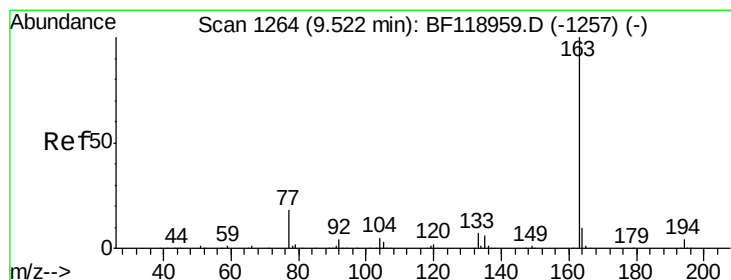
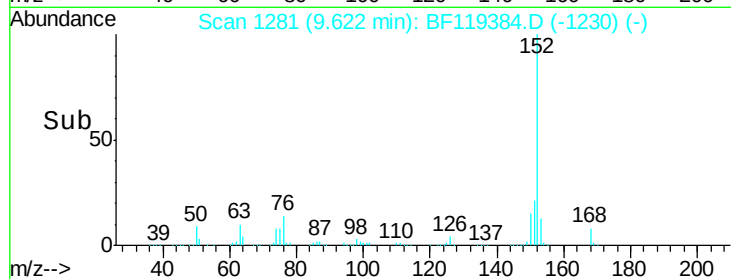
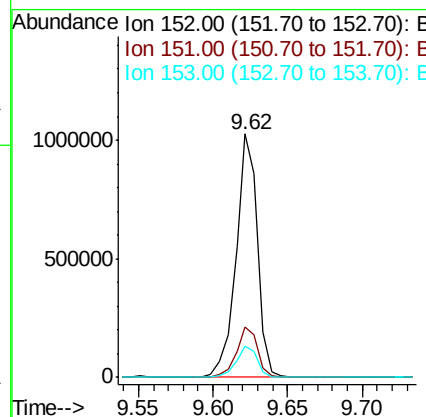
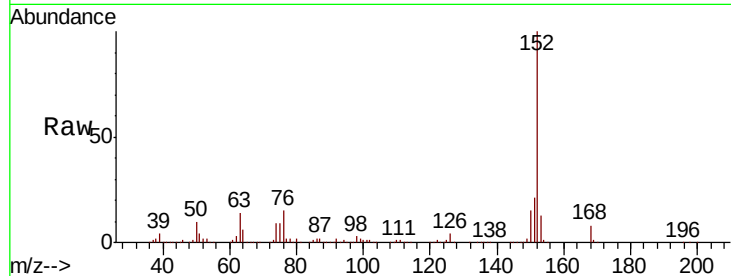
#49
Acenaphthylene
Concen: 43.688 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.0	11.0	16.6

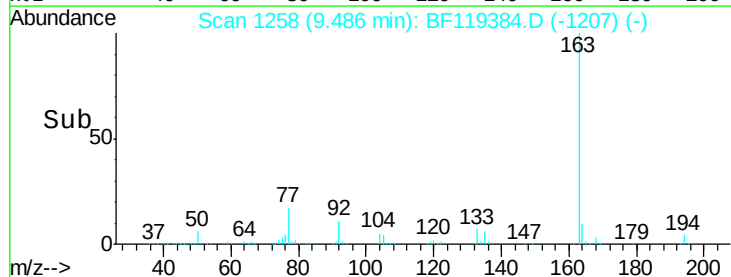
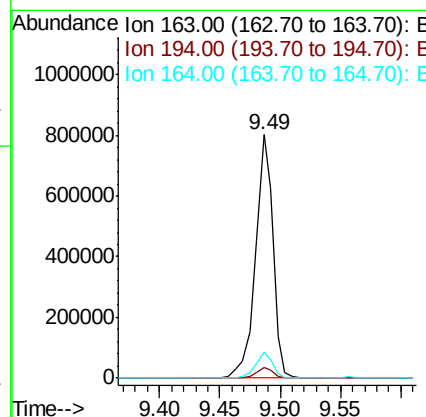
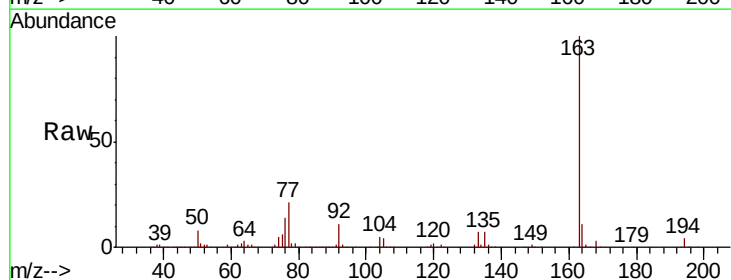
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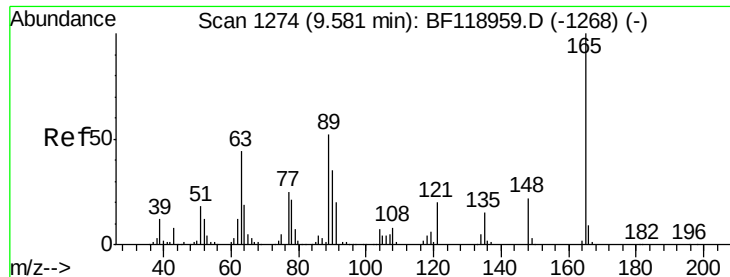
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#50
Dimethylphthalate
Concen: 42.198 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.5	8.4	12.6





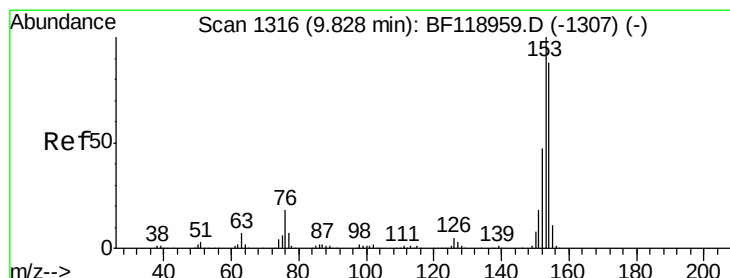
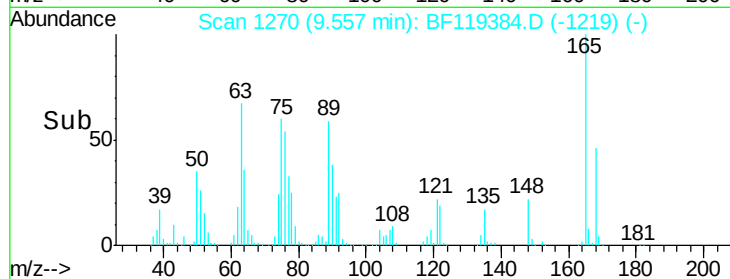
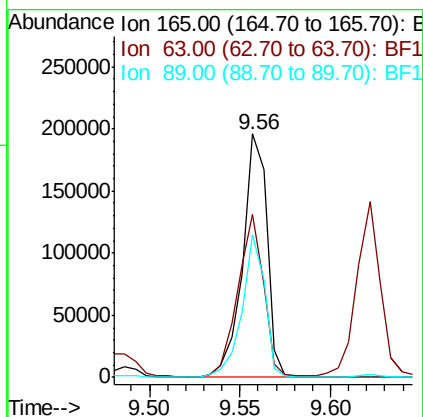
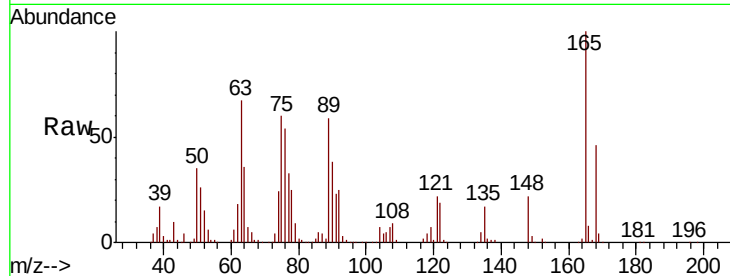
#51
 2,6-Dinitrotoluene
 Concen: 42.905 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	67.0	34.3	51.5#
89	58.6	38.3	57.5#

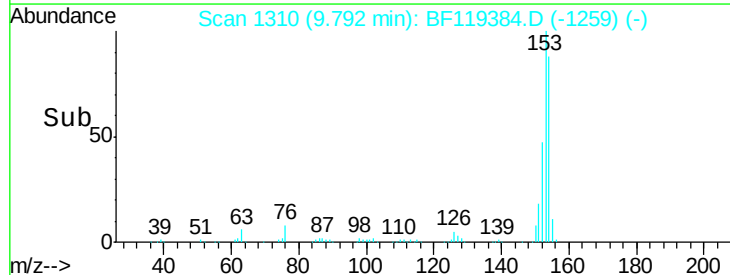
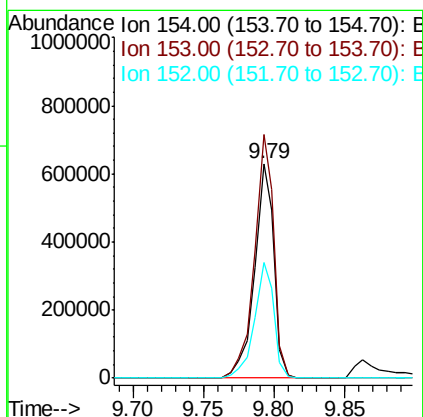
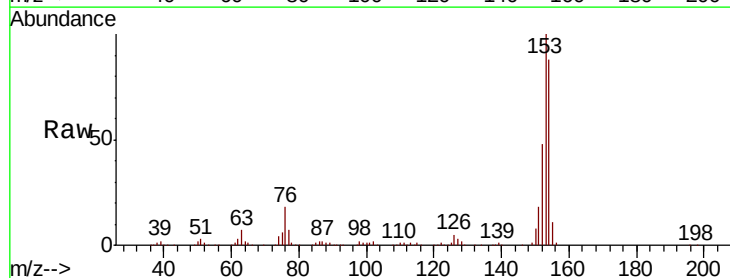
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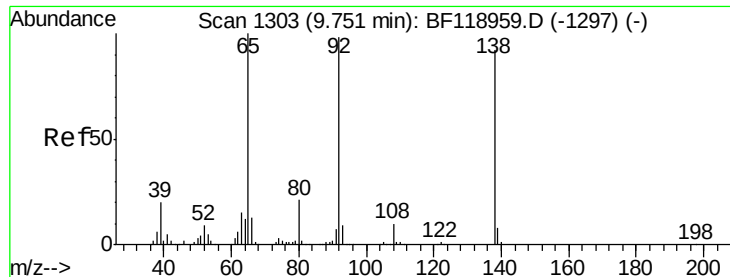
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#52
 Acenaphthene
 Concen: 42.861 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.4	90.3	135.5
152	53.9	43.8	65.8





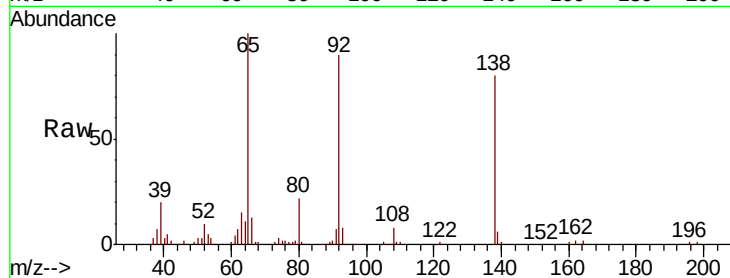
#53
3-Nitroaniline
Concen: 22.650 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

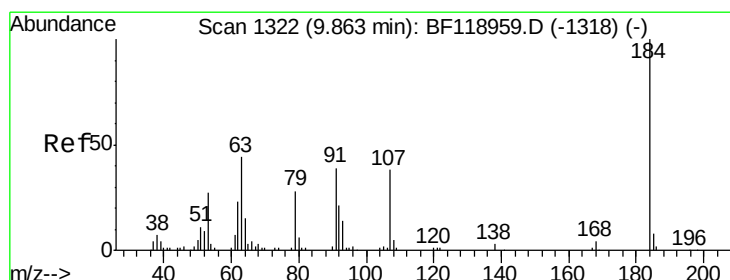
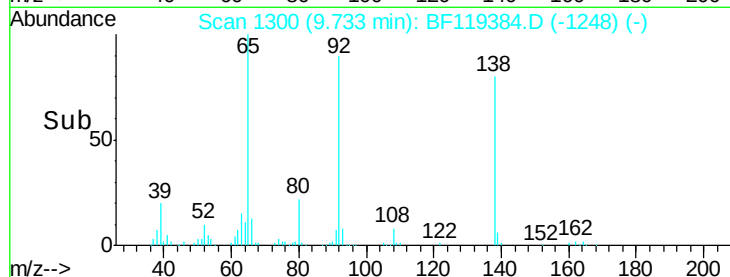
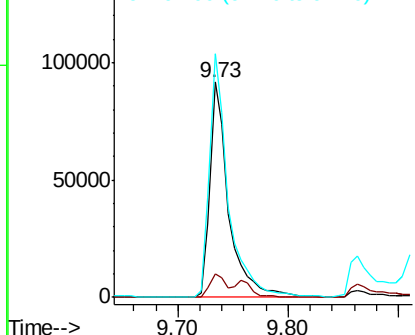
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.8	13.2
92	113.1	84.8	127.2

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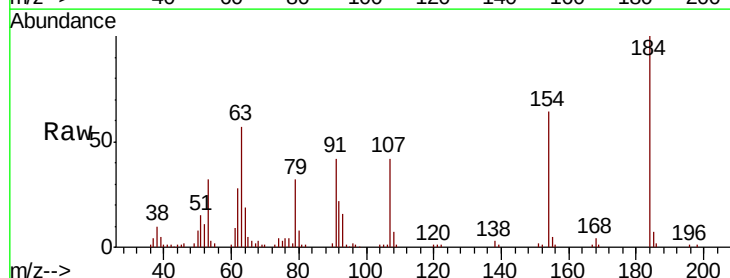


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

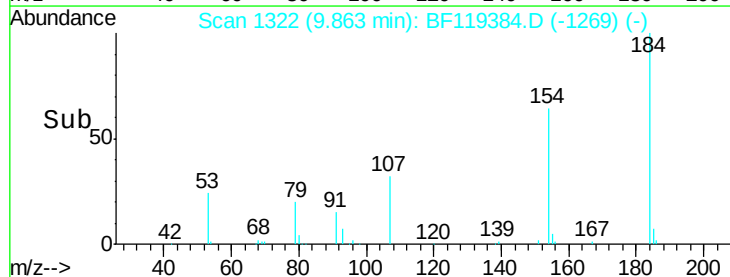
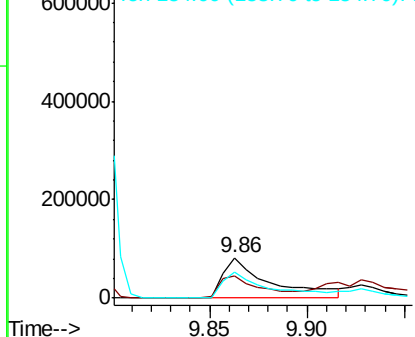


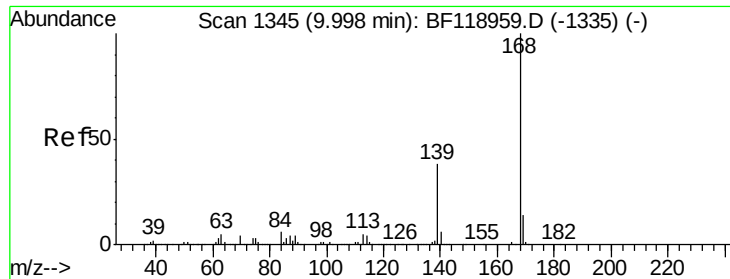
#54
2,4-Dinitrophenol
Concen: 67.511 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	38.7	58.1
154	64.2	49.7	74.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





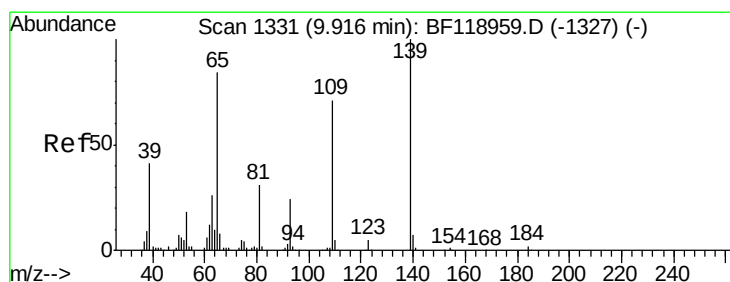
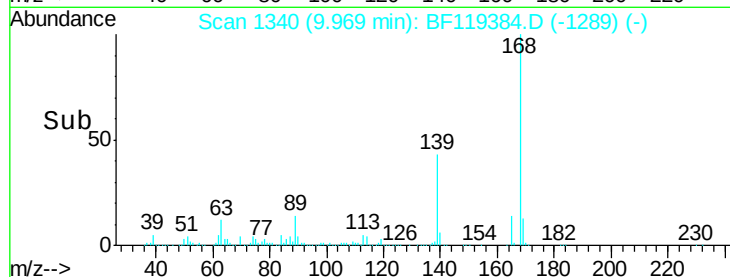
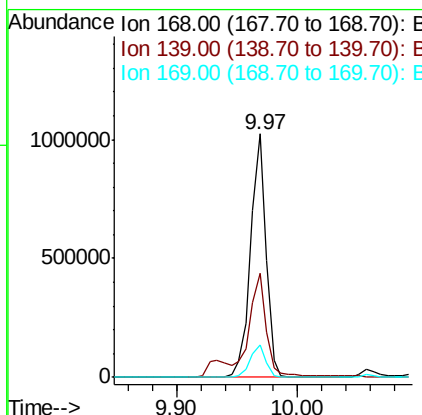
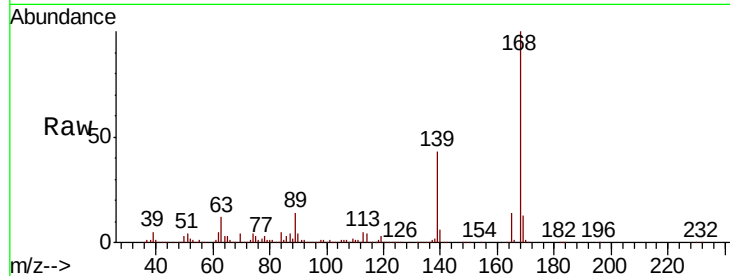
#55
Dibenzofuran
Concen: 43.296 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampled :
PB127488BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	34.0	51.0
169	13.5	11.0	16.4

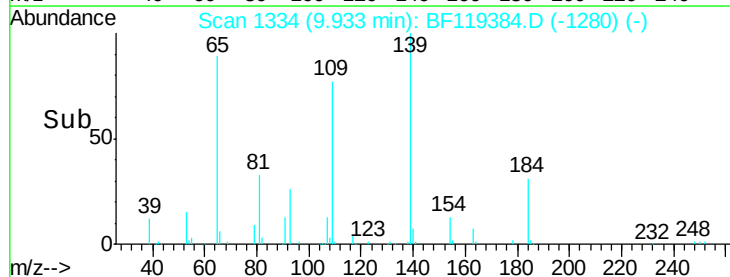
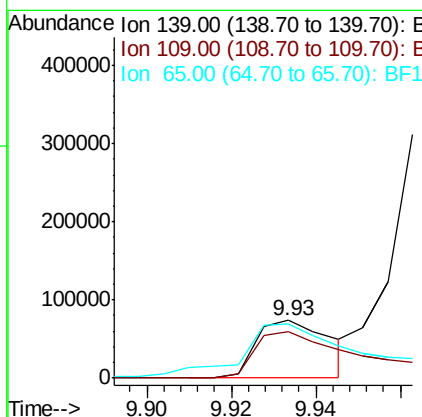
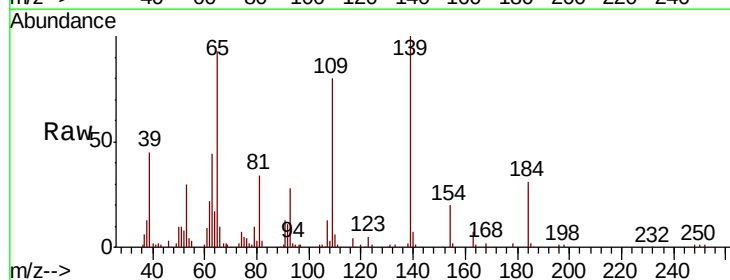
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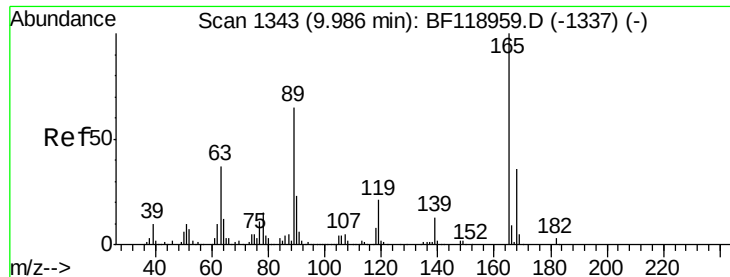
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#56
4-Nitrophenol
Concen: 31.812 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.6	56.7	96.7
65	93.4	65.0	105.0





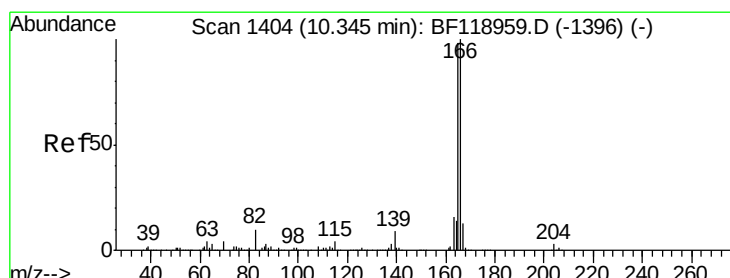
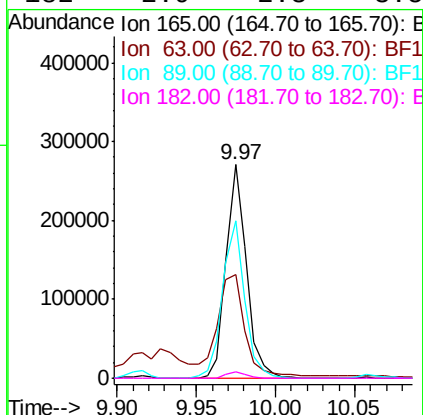
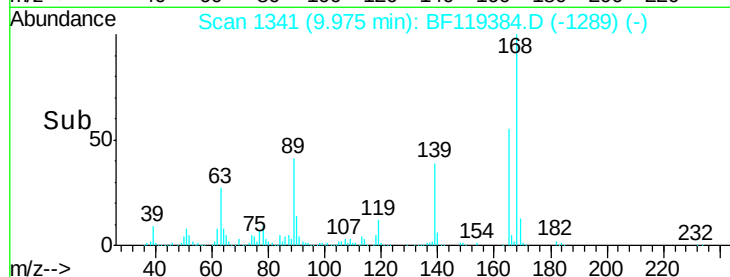
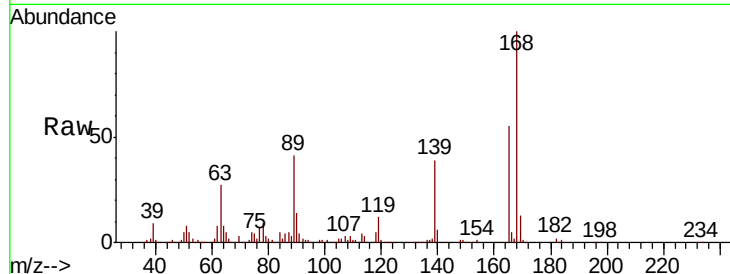
#57
 2,4-Dinitrotoluene
 Concen: 43.779 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		242110		
63	48.5	42.3	63.5		
89	73.8	60.2	90.4		
182	2.9	2.3	3.5		

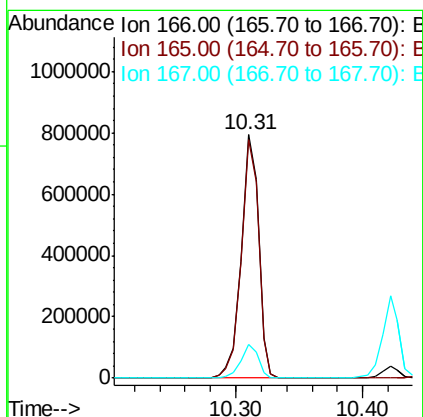
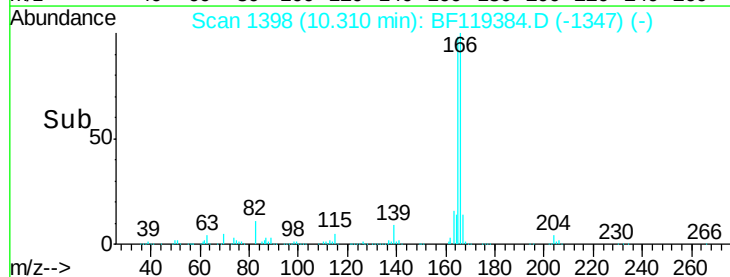
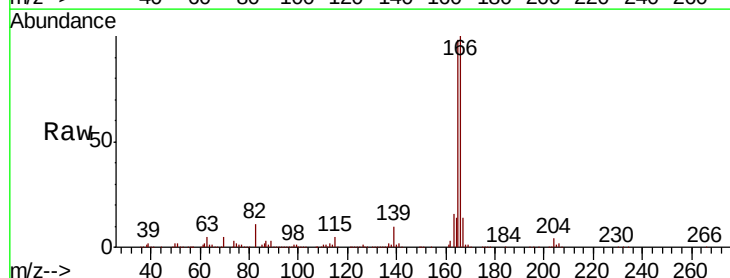
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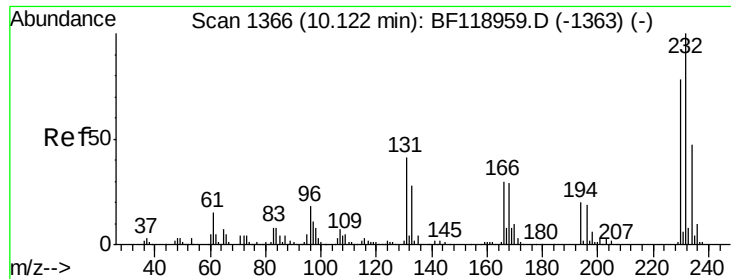
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#58
 Fluorene
 Concen: 45.100 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		745103		
165	98.1	78.5	117.7		
167	13.8	11.0	16.4		





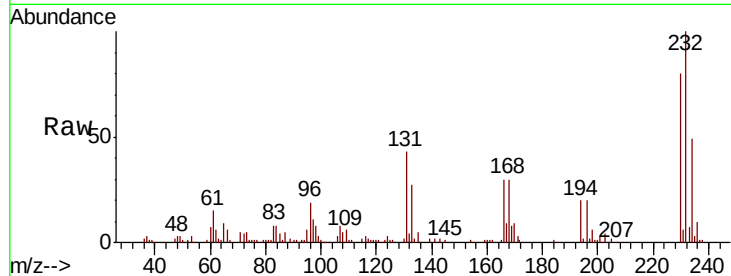
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.657 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

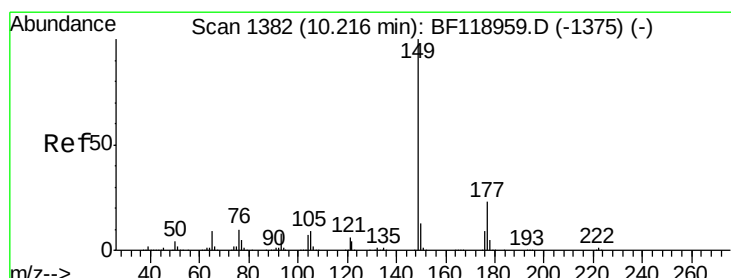
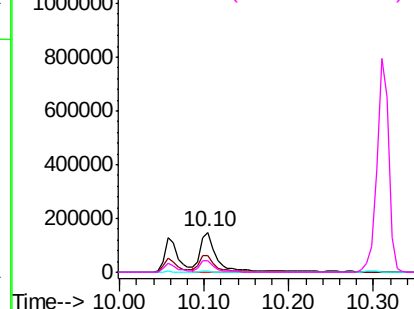
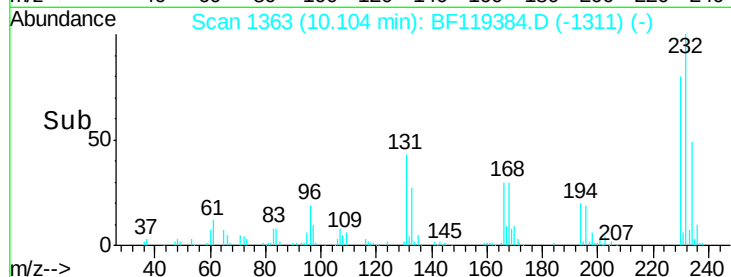
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		192490		
131	41.9	33.8	50.8		
130	2.4	1.8	2.6		
166	27.4	23.0	34.4		

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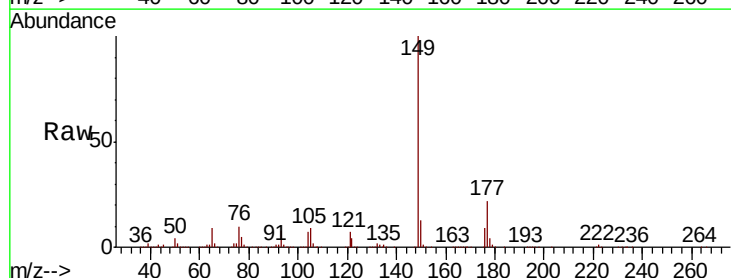


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

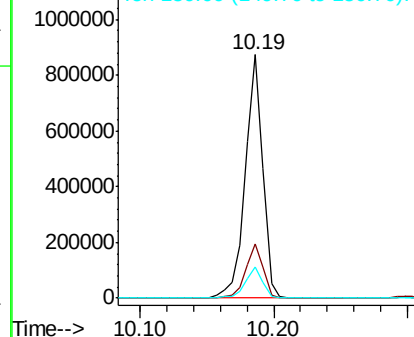
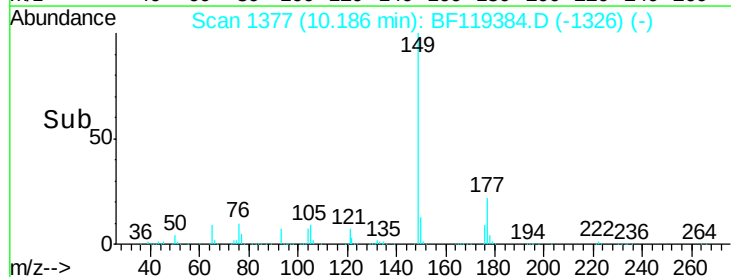


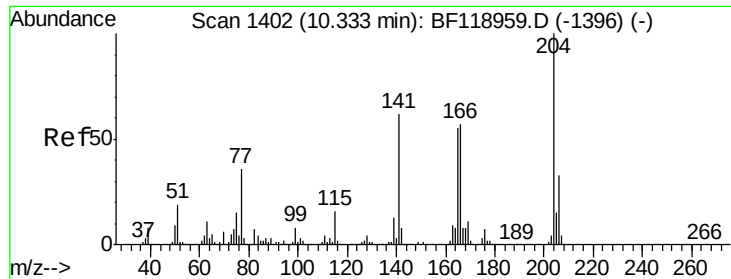
#60
 Diethylphthalate
 Concen: 43.907 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		794616		
177	22.4	18.2	27.2		
150	12.8	10.5	15.7		



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





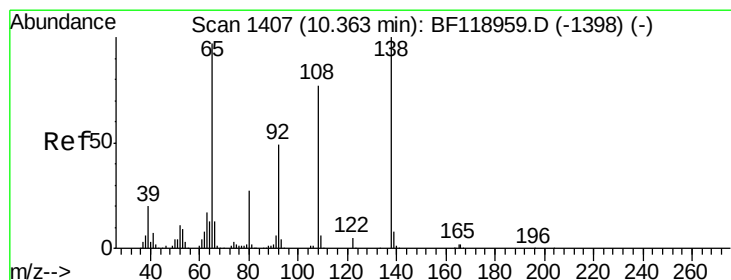
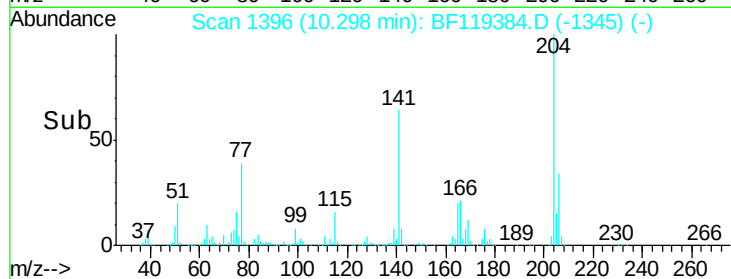
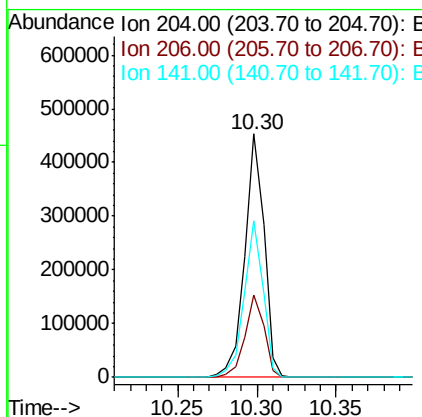
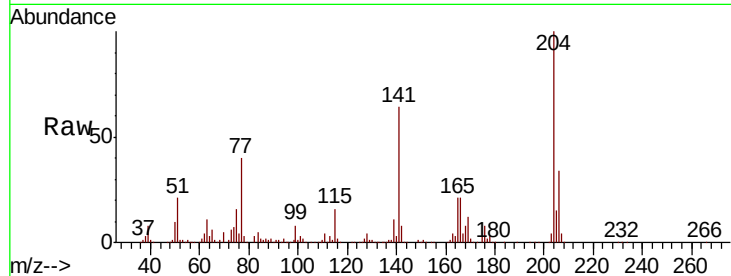
#61
 4-Chlorophenyl-phenylether
 Concen: 43.794 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion:	204	Resp:	382976
Ion Ratio		Lower	Upper
204	100		
206	33.9	27.1	40.7
141	64.4	52.9	79.3

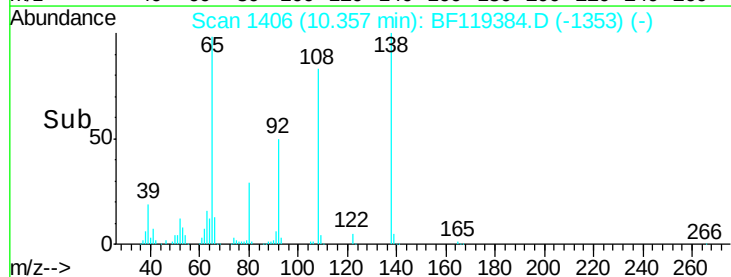
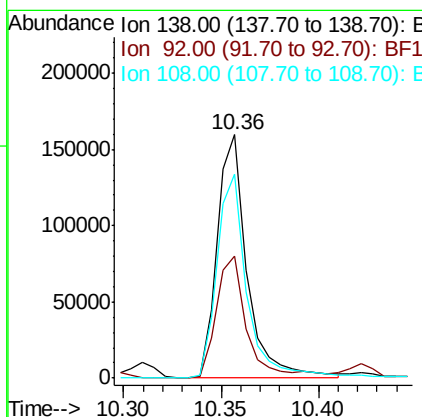
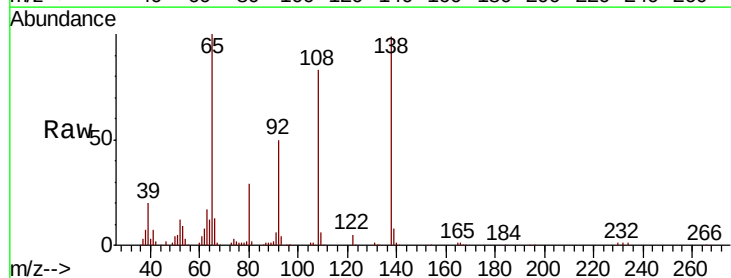
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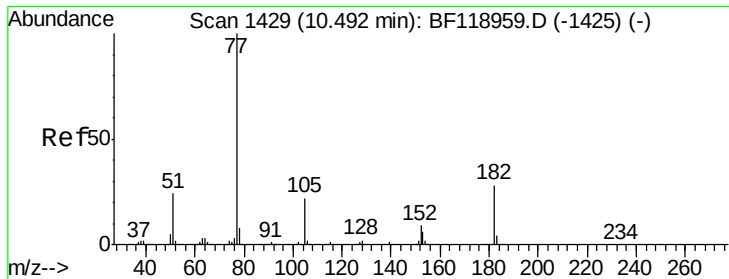
mohammad
 3/16/2020 1:47:30 PM



#62
 4-Nitroaniline
 Concen: 35.198 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion:	138	Resp:	170333
Ion Ratio		Lower	Upper
138	100		
92	50.0	27.3	67.3
108	83.8	57.0	97.0





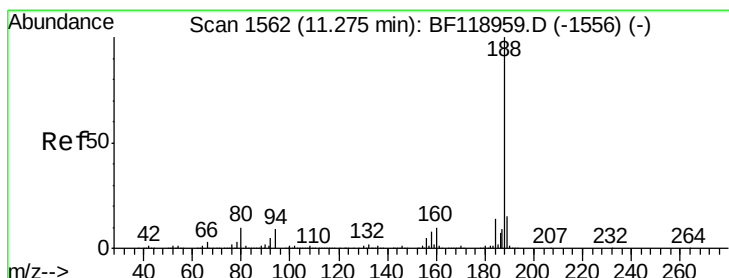
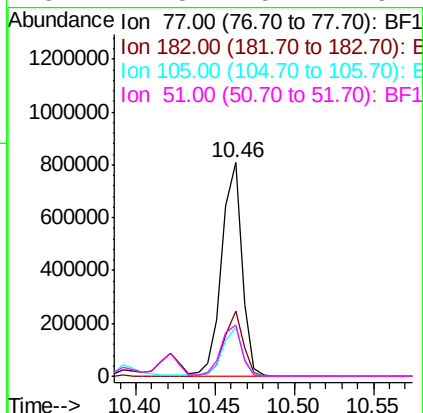
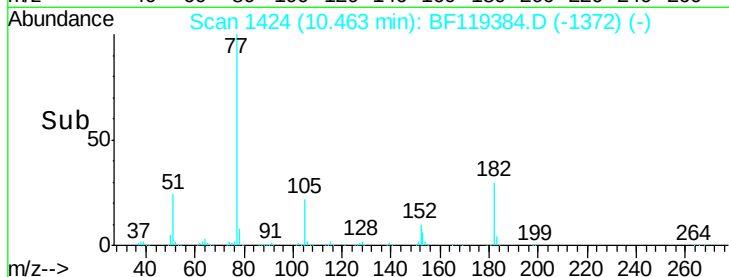
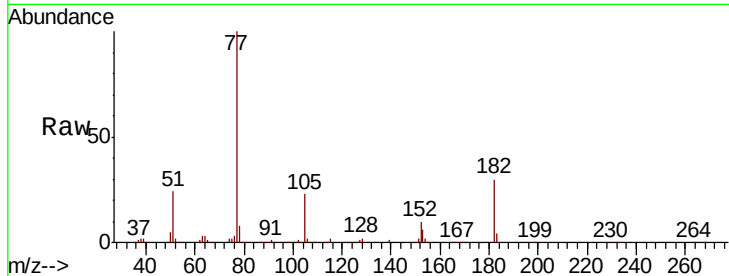
#63
Azobenzene
Concen: 45.750 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.4	11.4	51.4	
105	22.6	3.4	43.4	
51	24.3	5.1	45.1	

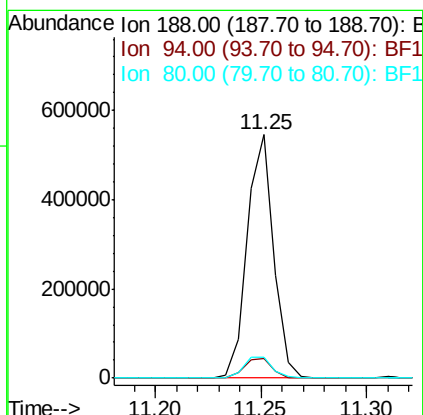
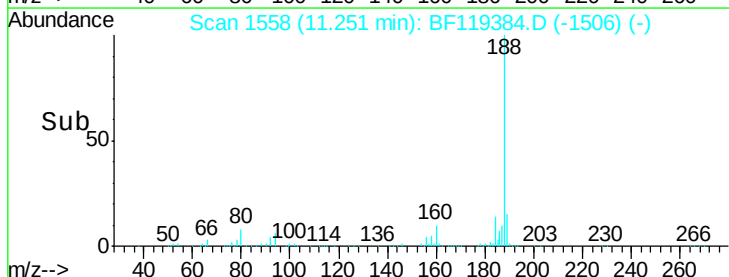
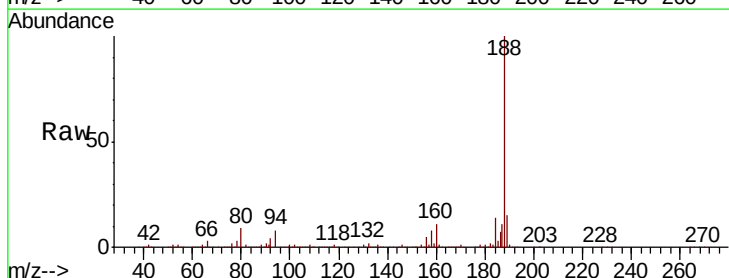
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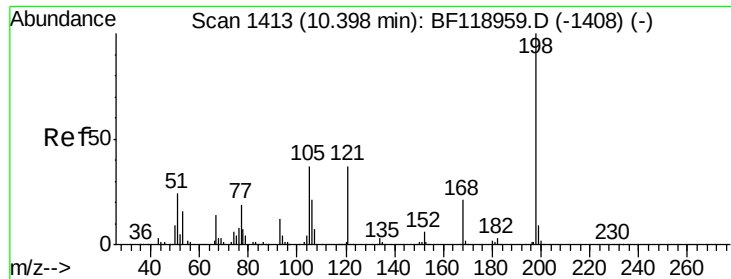
mohammad
3/16/2020 1:47:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.1	10.7	
80	8.7	7.8	11.8	





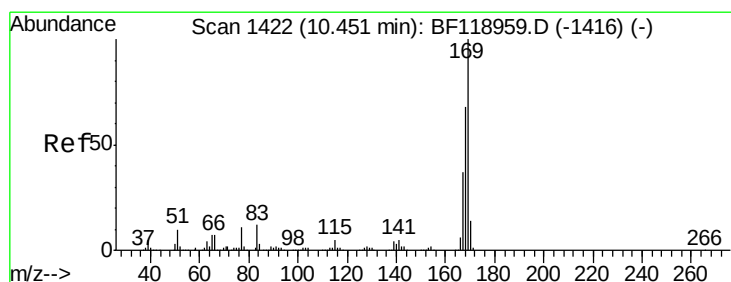
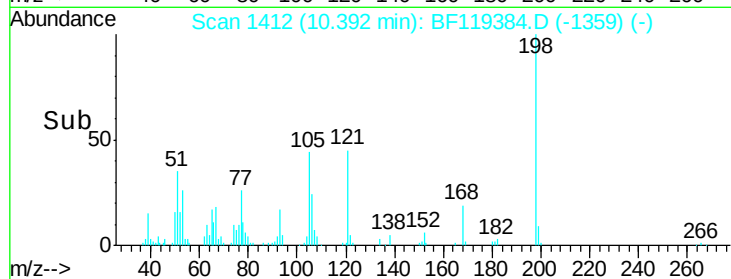
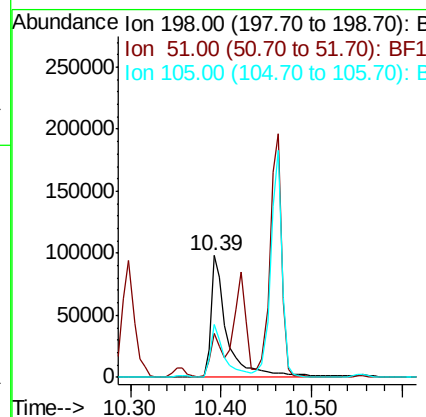
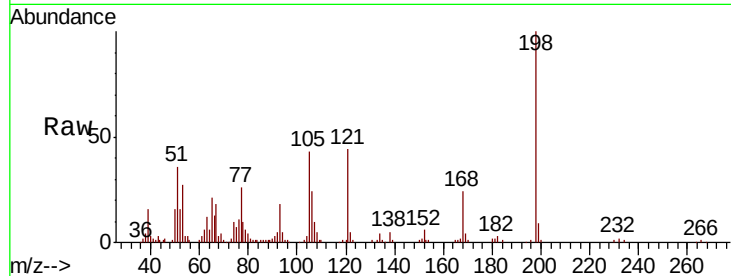
#65
4,6-Dinitro-2-methylphenol
Concen: 43.416 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	124089		
51	35.7		14.2	54.2
105	42.9		22.7	62.7

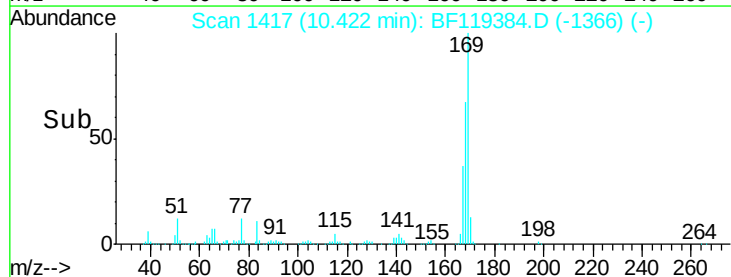
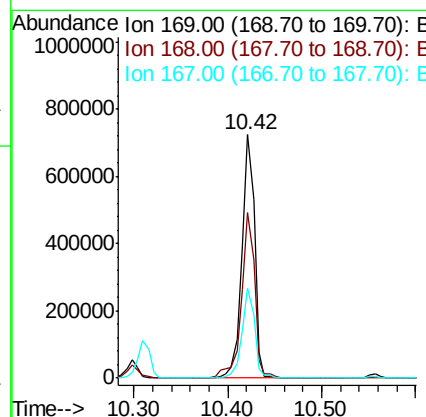
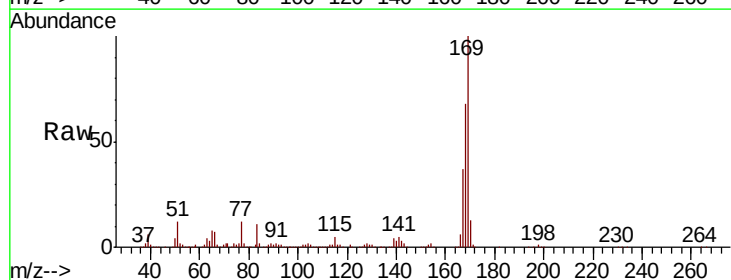
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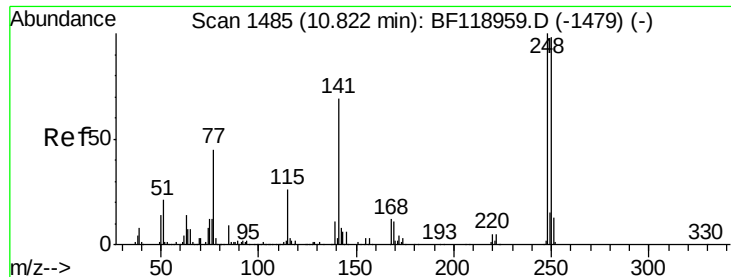
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.497 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	672723		
168	68.1		54.1	81.1
167	36.8		29.4	44.0





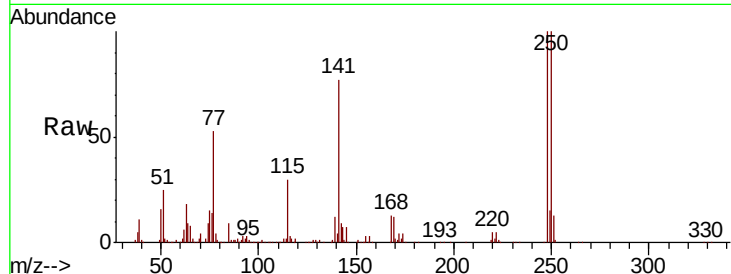
#67
4-Bromophenyl-phenylether
Concen: 40.662 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.7	115.1
141	77.3	60.7	91.1

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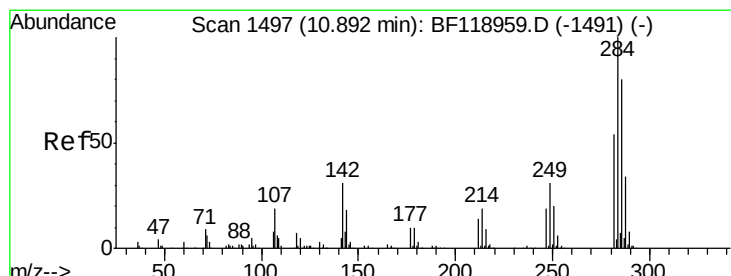
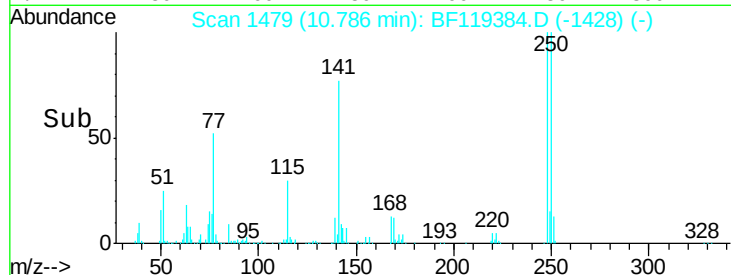
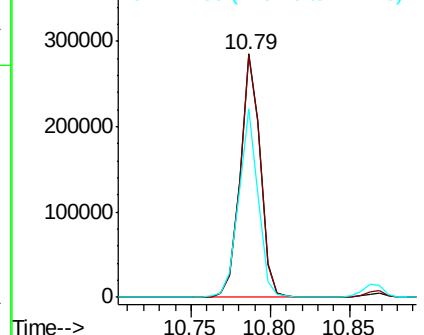


Abundance

Ion 248.00 (247.70 to 248.70): E

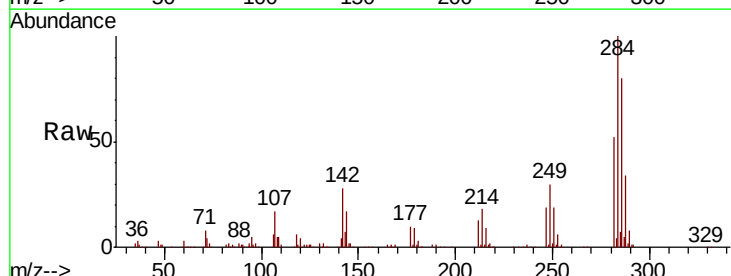
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.582 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	23.7	35.5
249	30.3	25.0	37.6

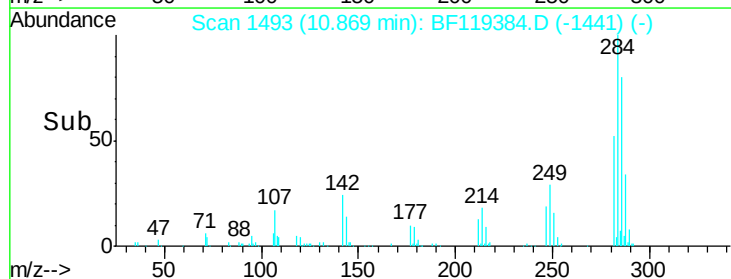
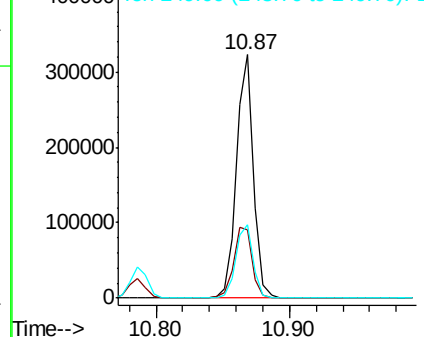


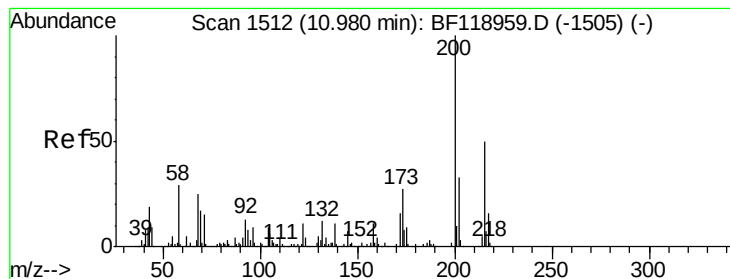
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.756 ng

RT: 10.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

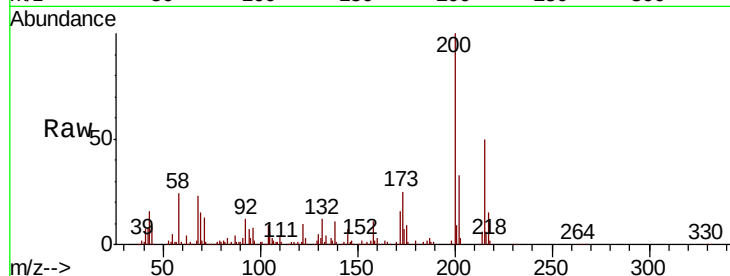
ClientSampleId :

PB127488BS

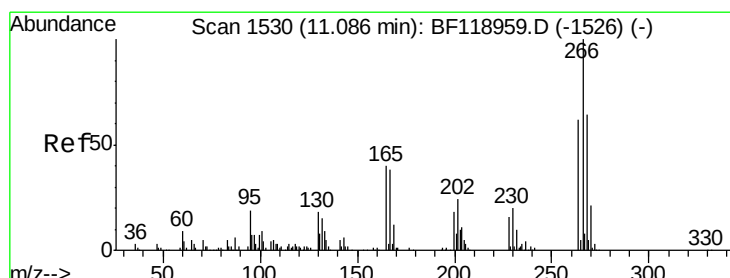
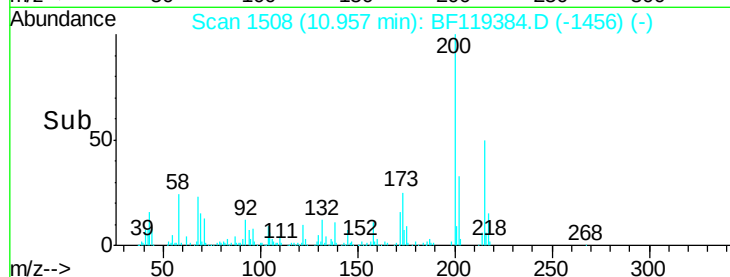
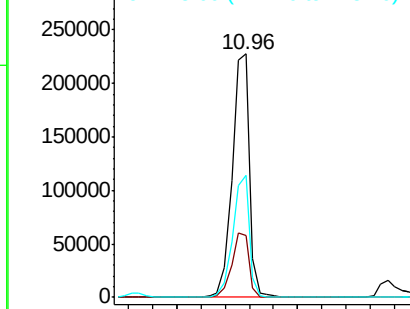
Tot Ion:	200	Resp:	225632
Ion Ratio	Lower	Upper	
200	100		
173	25.2	6.4	46.4
215	50.2	27.4	67.4

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



#70

Pentachlorophenol

Concen: 53.154 ng

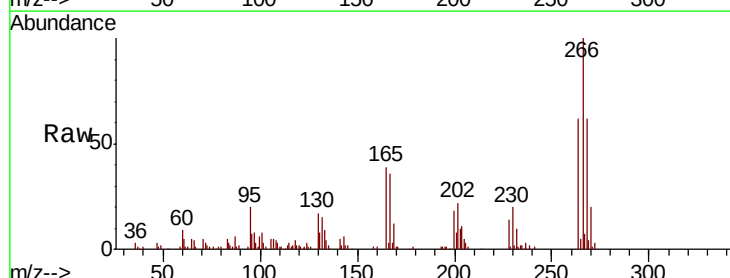
RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

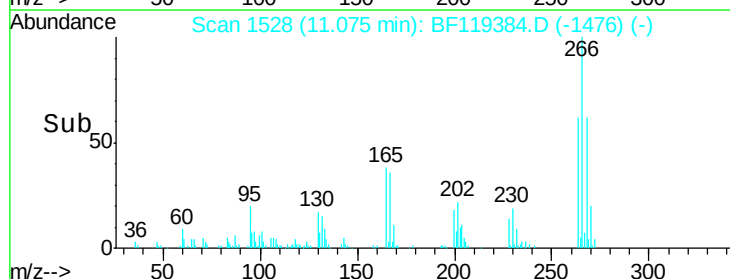
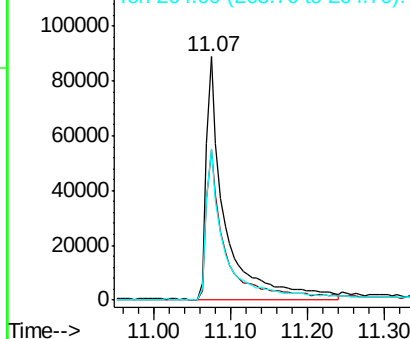
Lab File: BF119384.D

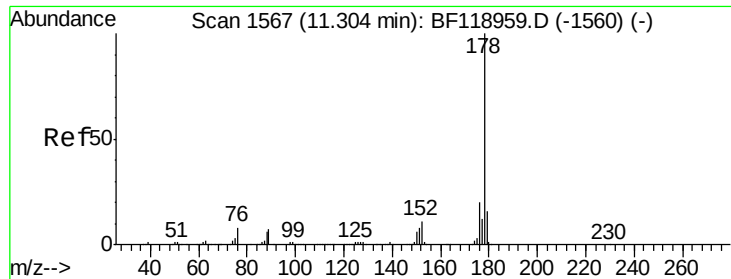
Acq: 12 Mar 2020 17:06

Tgt Ion:	266	Resp:	152414
Ion Ratio	Lower	Upper	
266	100		
268	61.7	51.9	77.9
264	62.1	51.0	76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.920 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

ClientSampleId :

PB127488BS

Tot Ion:178 Resp: 1105558

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

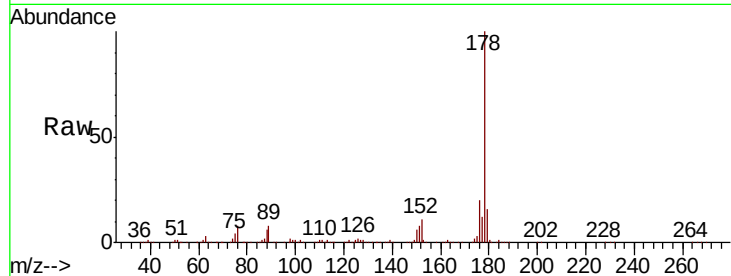
179 15.7 13.0 19.6

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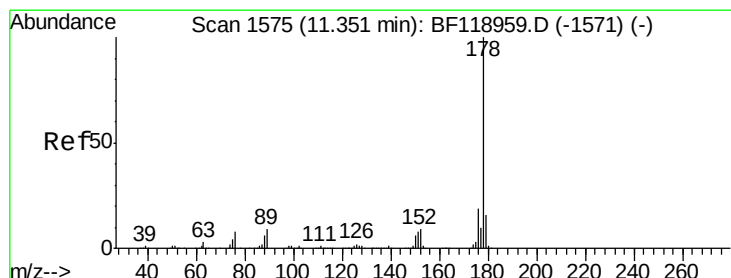
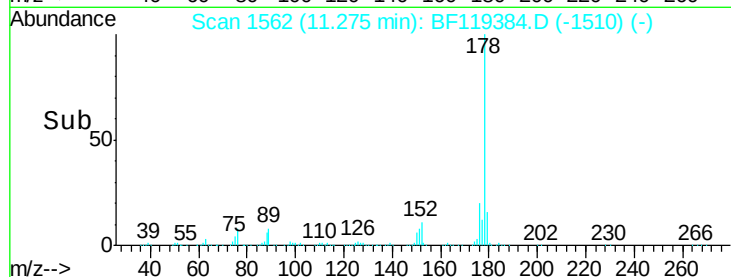
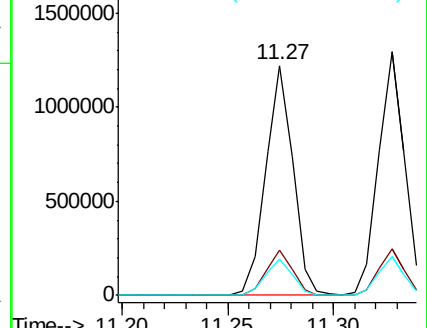
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.041 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

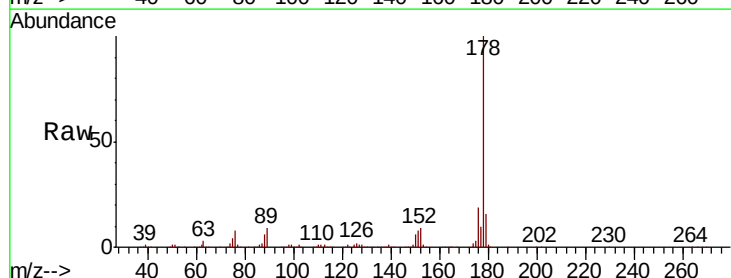
Tgt Ion:178 Resp: 1159229

Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

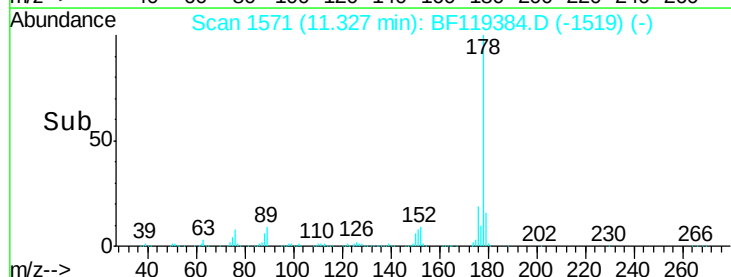
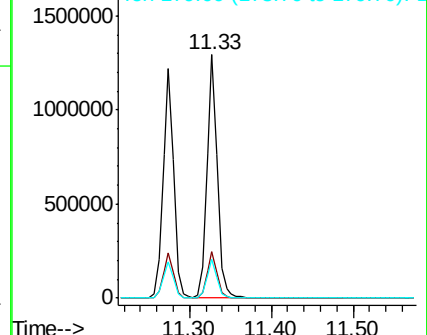
179 16.0 13.1 19.7

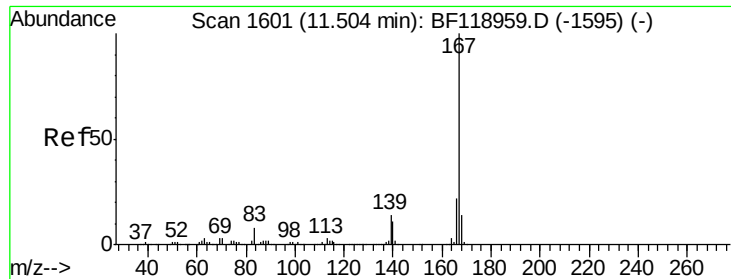


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





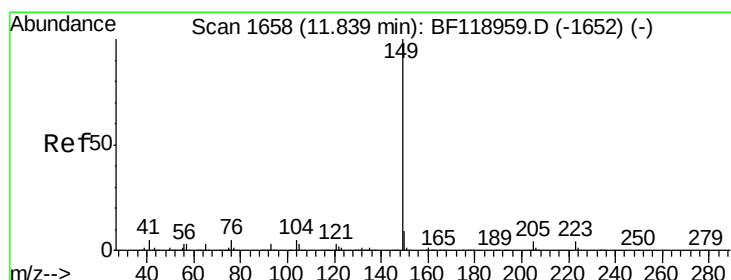
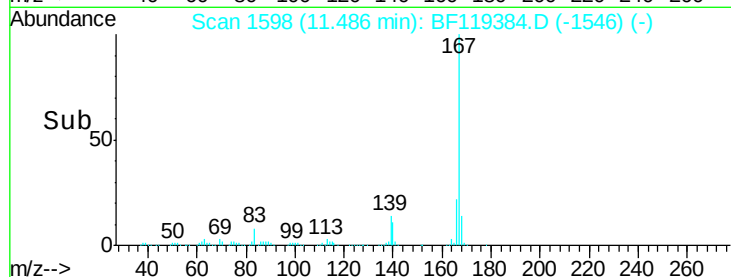
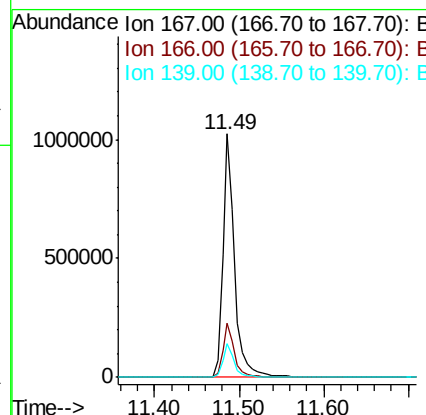
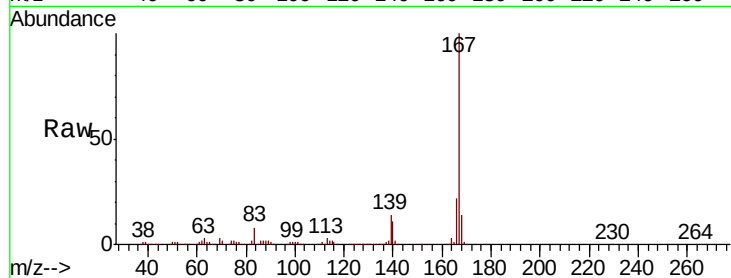
#73
 Carbazole
 Concen: 43.804 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.8	11.7	17.5

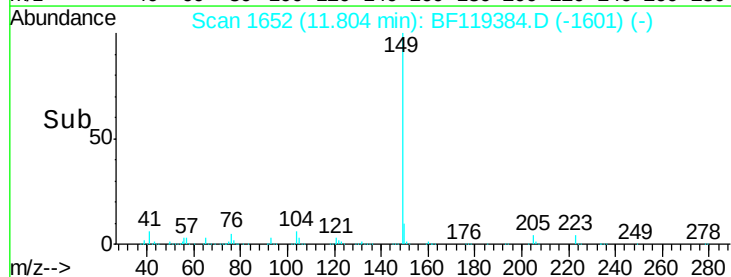
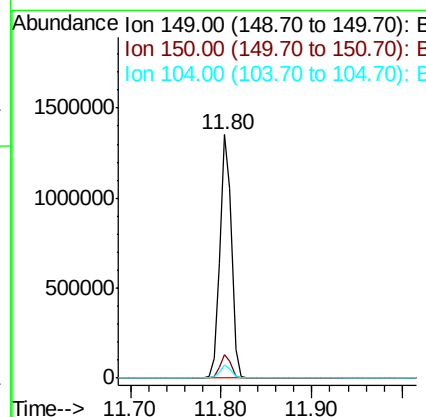
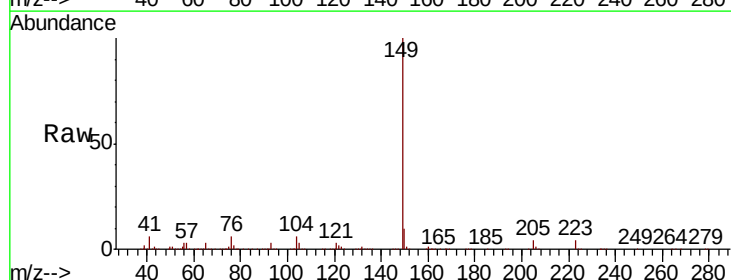
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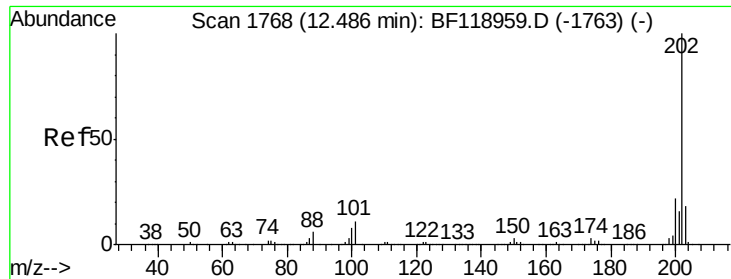
mohammad
 3/16/2020 1:47:30 PM



#74
 Di-n-butylphthalate
 Concen: 42.651 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	5.6	4.6	6.8





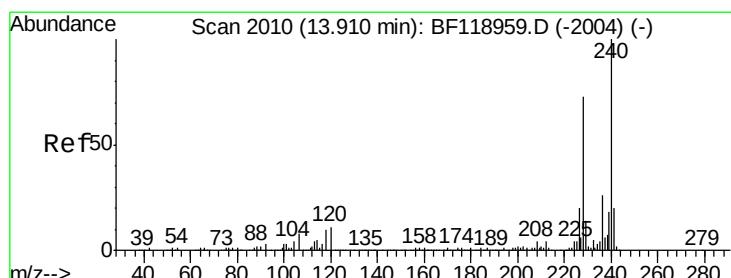
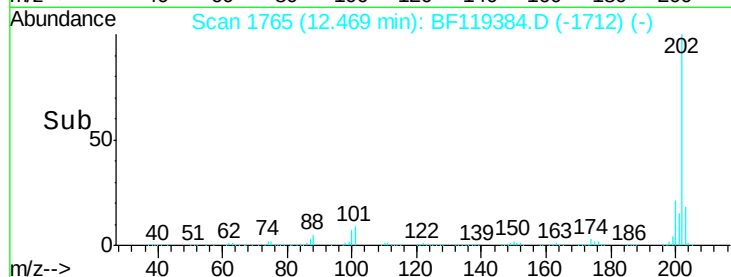
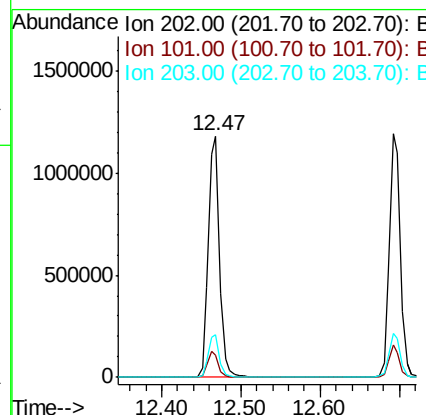
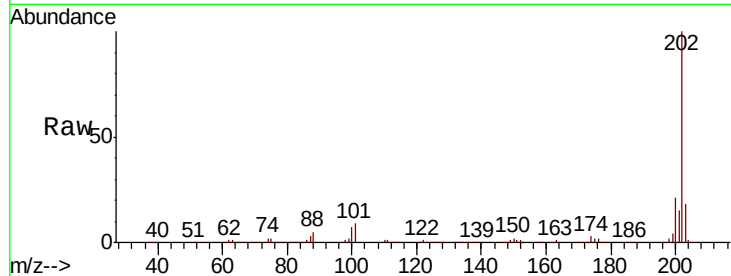
#75
Fluoranthene
Concen: 43.127 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1179191		
101	9.4	0.0	30.3	
203	17.8	0.0	38.4	

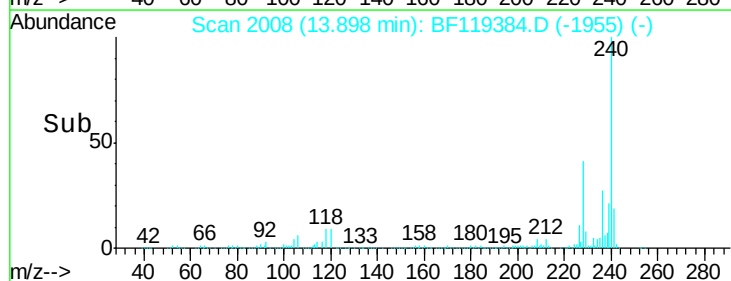
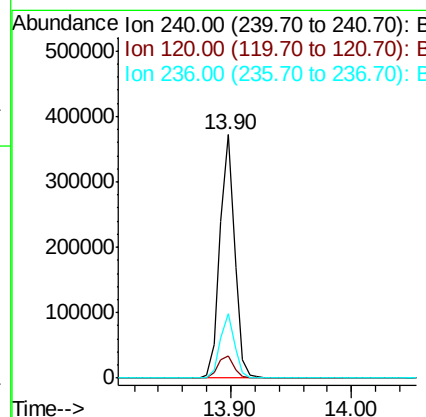
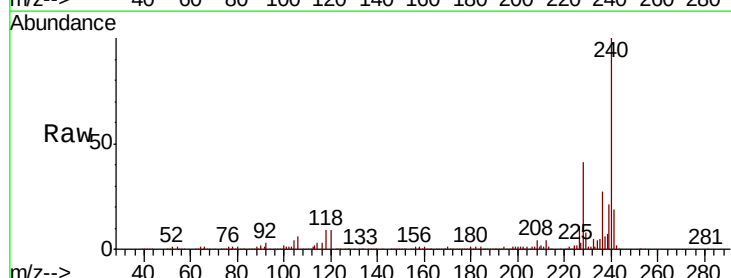
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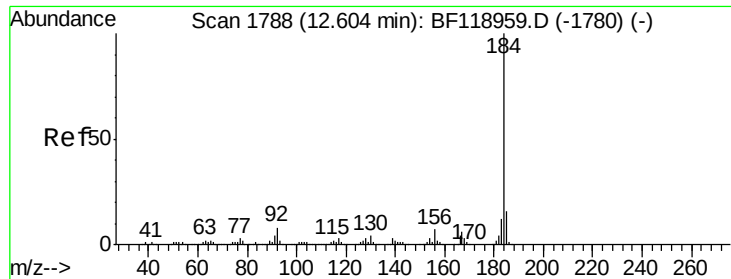
mohammad
3/16/2020 1:47:30 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	309948		
120	9.3	8.4	12.6	
236	26.6	21.0	31.4	





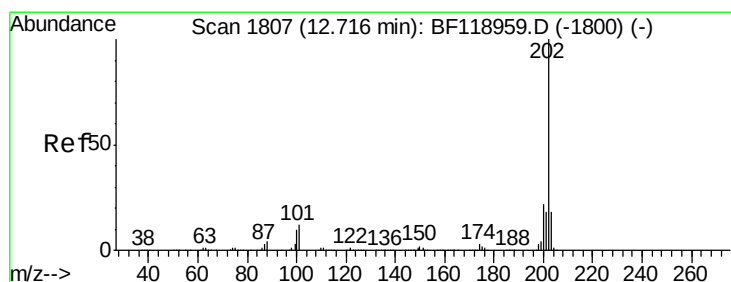
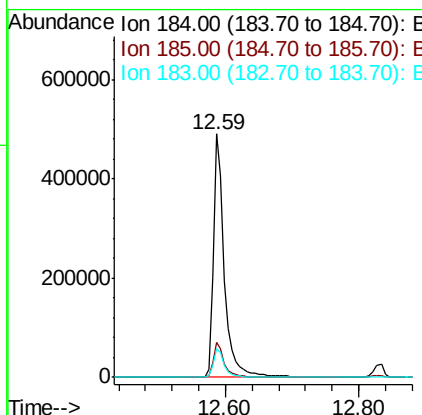
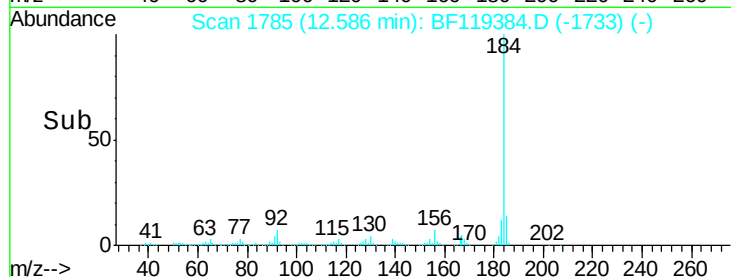
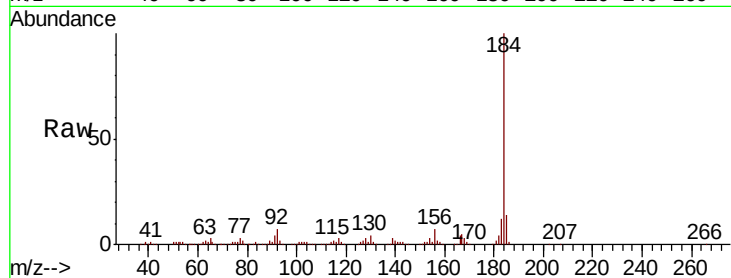
#77
Benzidine
Concen: 45.075 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	11.9	9.9	14.9

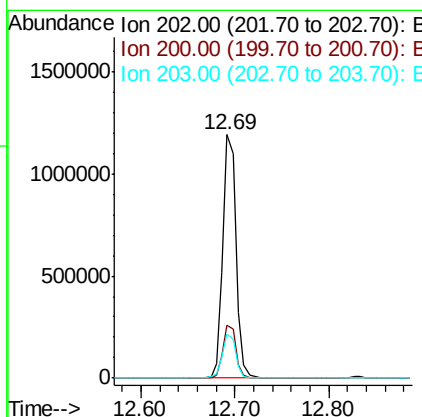
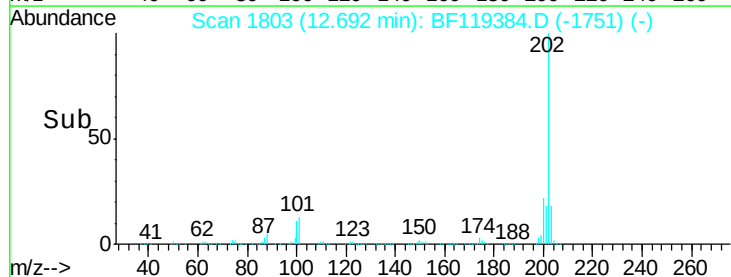
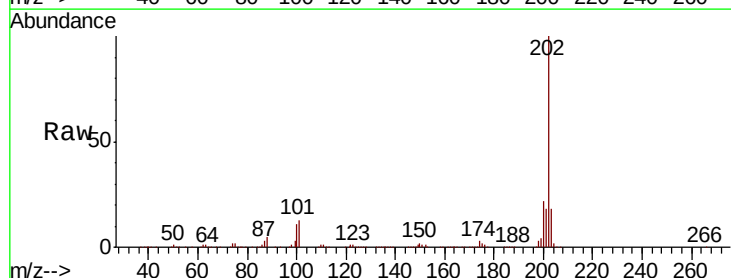
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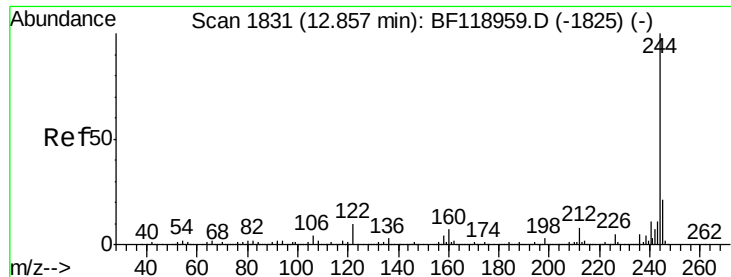
mohammad
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#78
Pyrene
Concen: 46.929 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.0	27.0
203	17.9	14.6	22.0





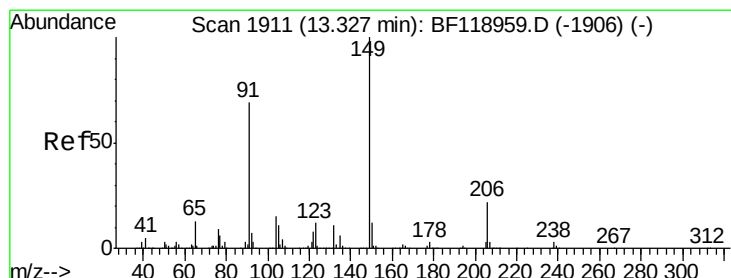
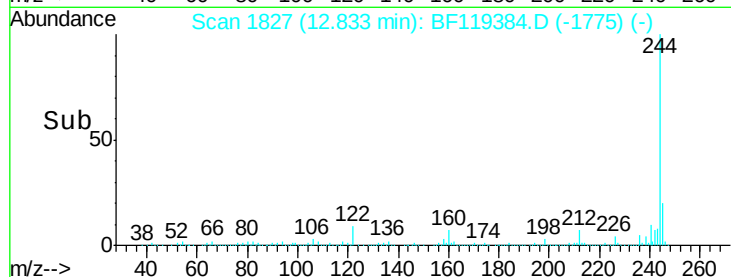
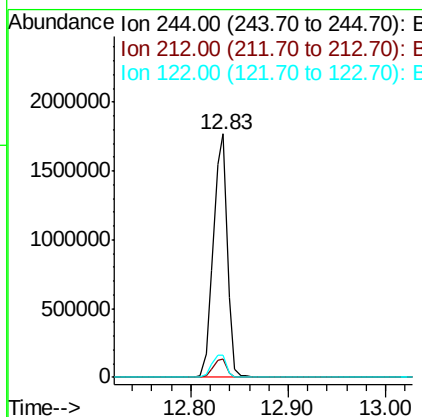
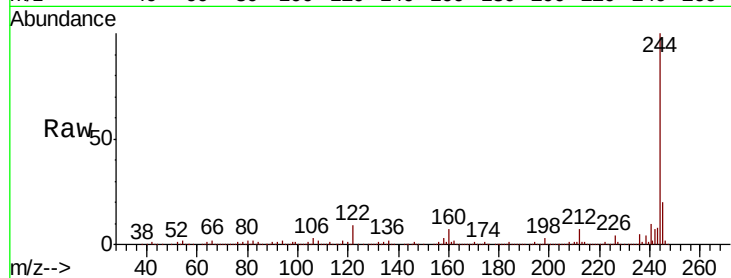
#79
 Terphenyl-d14
 Concen: 97.150 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	9.0	8.2	12.2

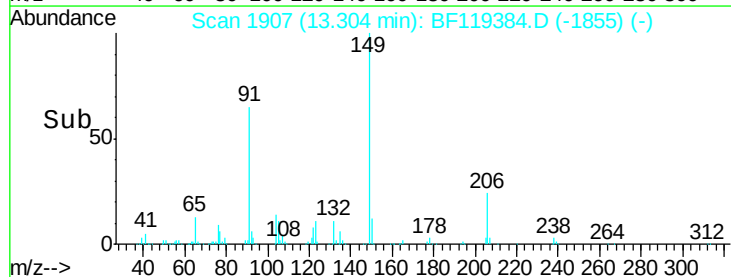
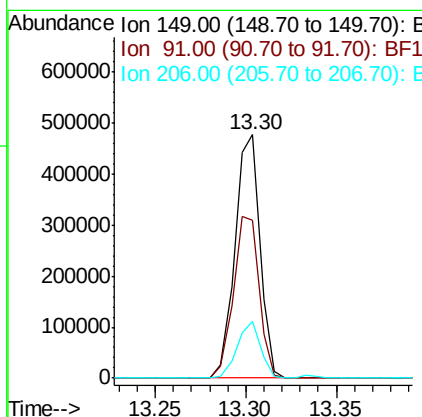
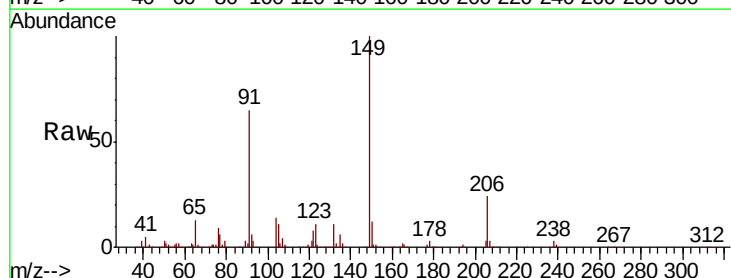
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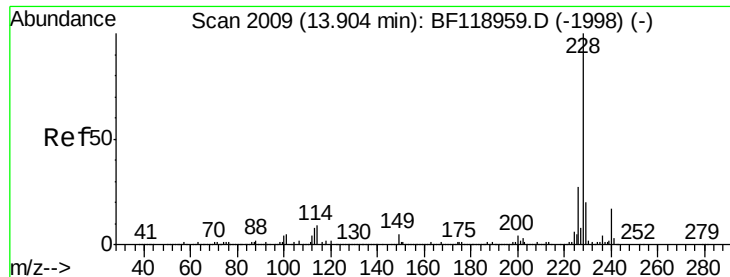
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.860 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	52.3	78.5
206	23.5	18.5	27.7





#81

Benzo(a)anthracene

Concen: 44.988 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

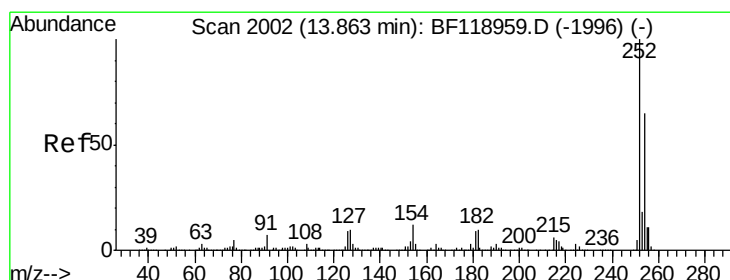
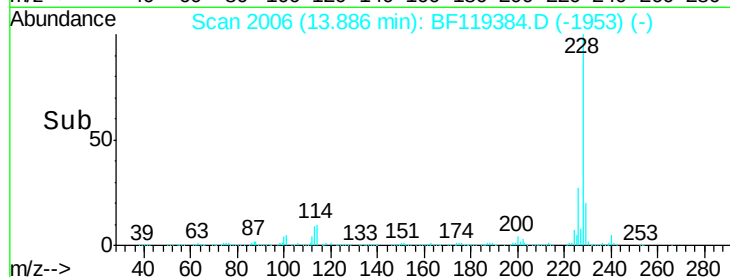
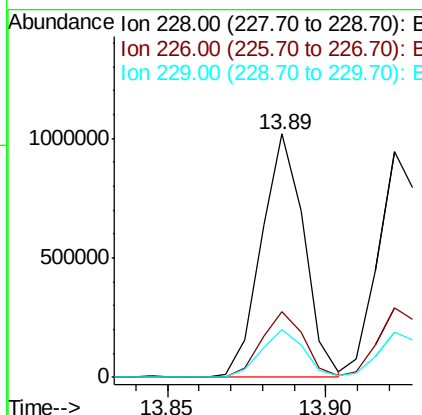
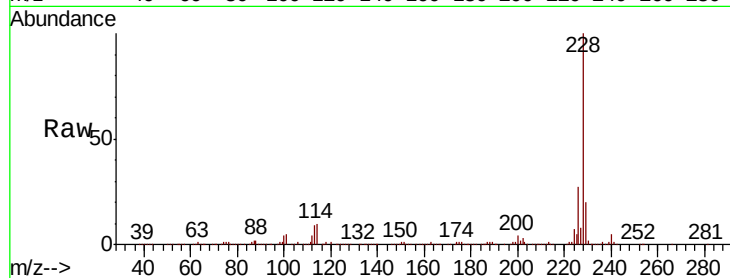
ClientSampleId :

PB127488BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.7	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 26.853 ng

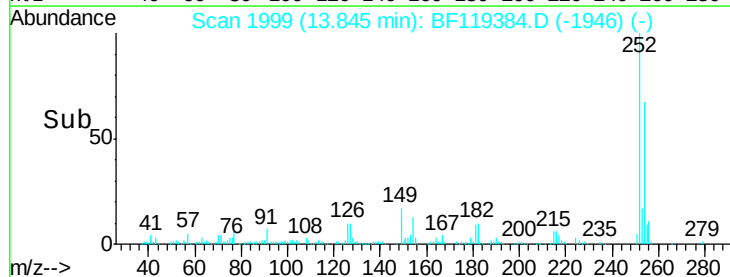
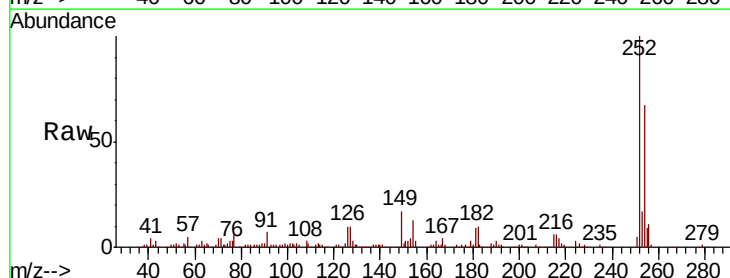
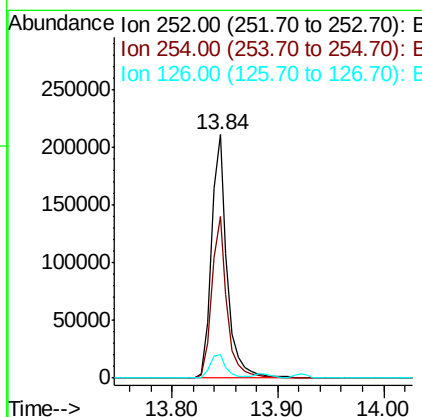
RT: 13.84 min Scan# 1999

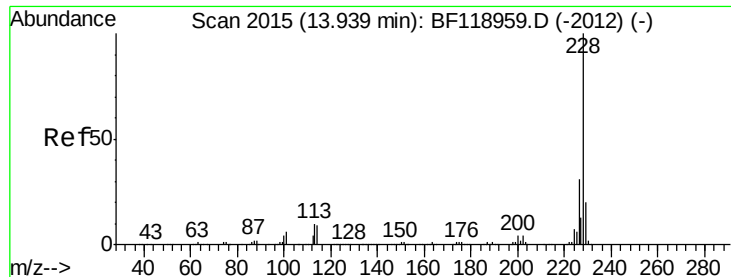
Delta R.T. 0.01 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.6	77.4
126	9.6	7.4	11.0





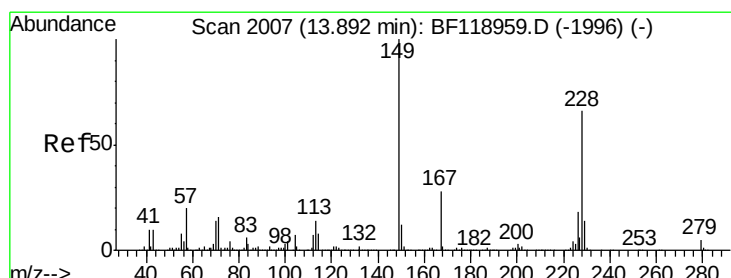
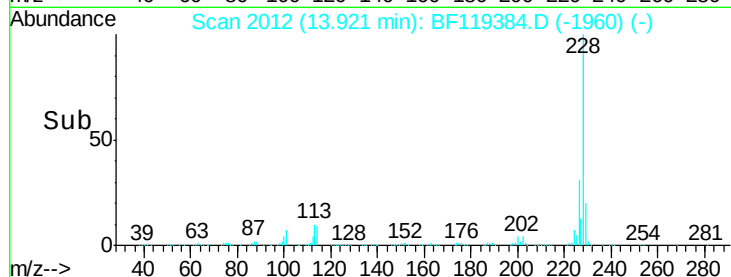
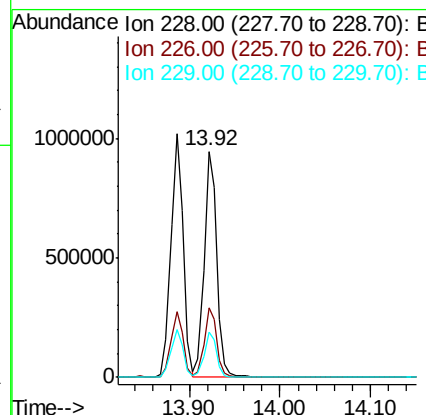
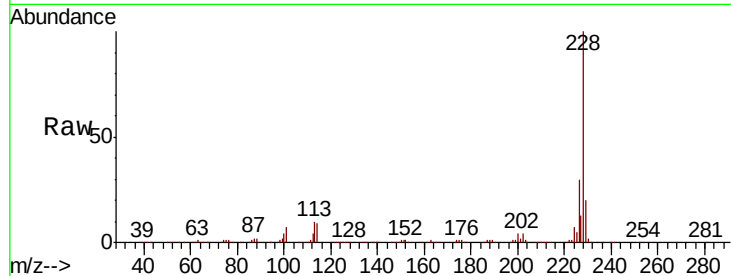
#83
 Chrysene
 Concen: 43.771 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB127488BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.1	37.7
229	20.1	16.3	24.5

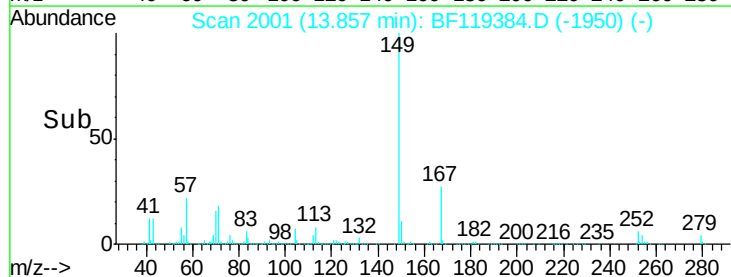
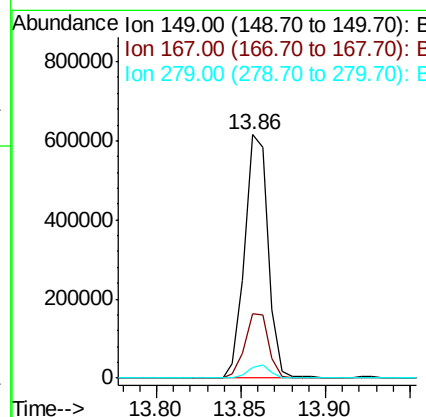
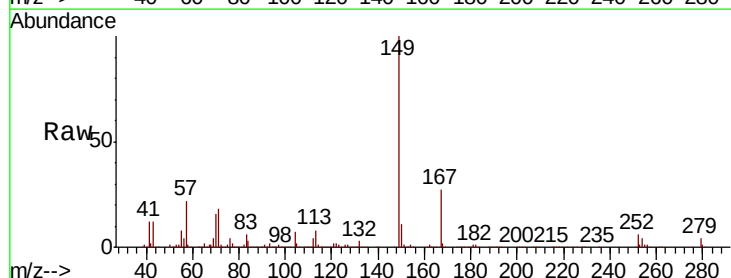
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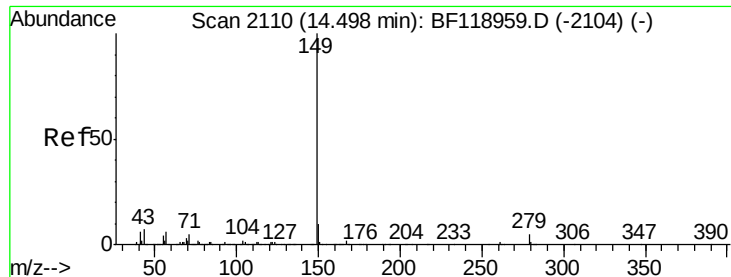
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.953 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.00 min
 Lab File: BF119384.D
 Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	4.5	4.6	6.8





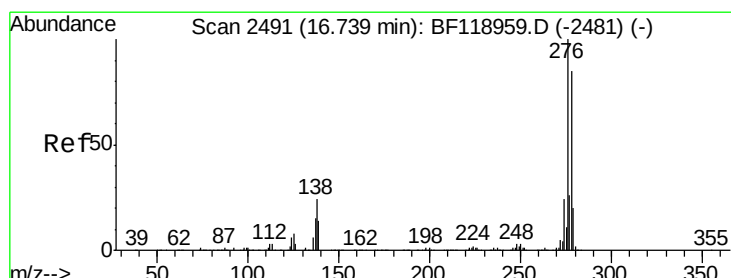
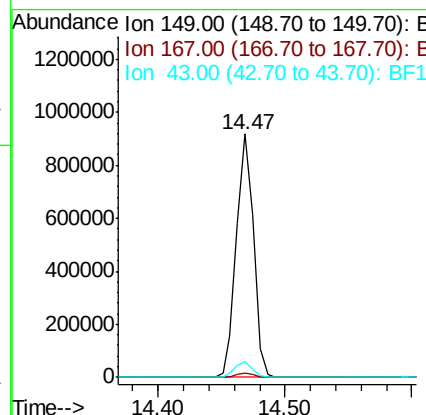
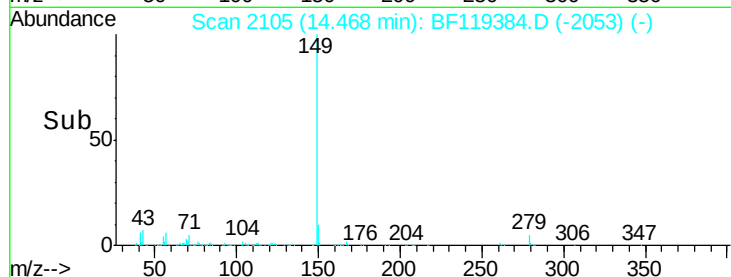
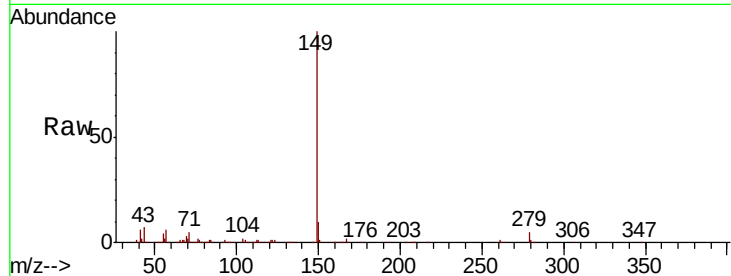
#85
Di-n-octyl phthalate
Concen: 40.392 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.6	5.7	8.5

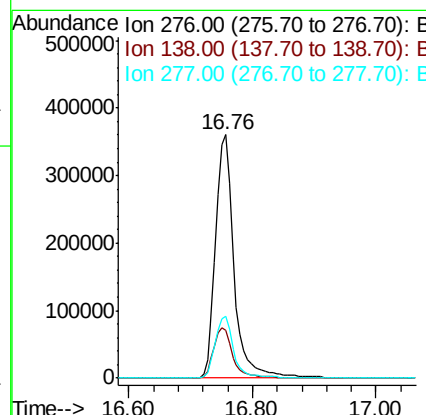
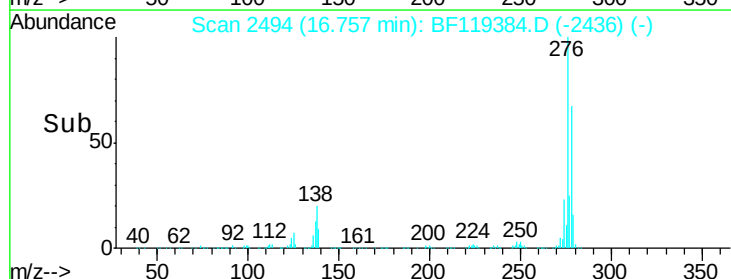
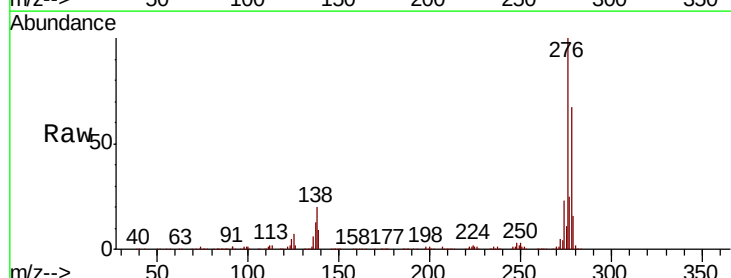
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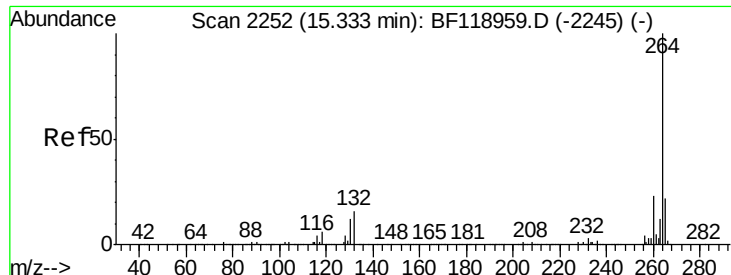
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 36.569 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.04 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.4	26.0
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. 0.02 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Instrument :

BNA_F

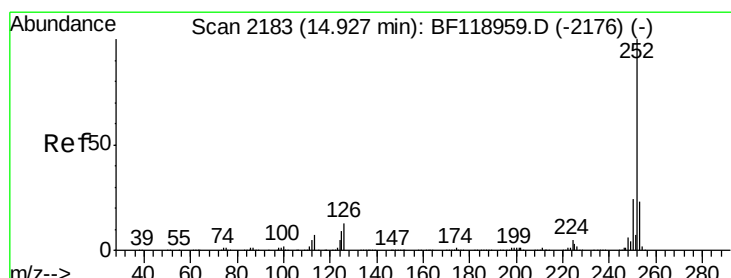
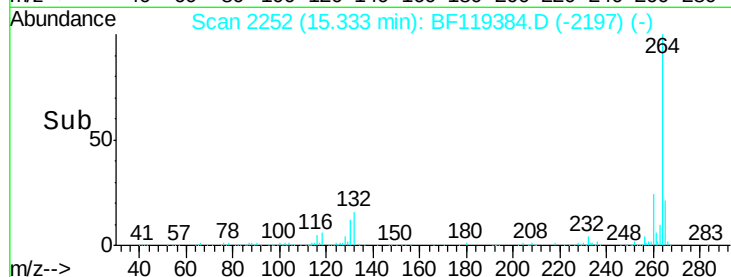
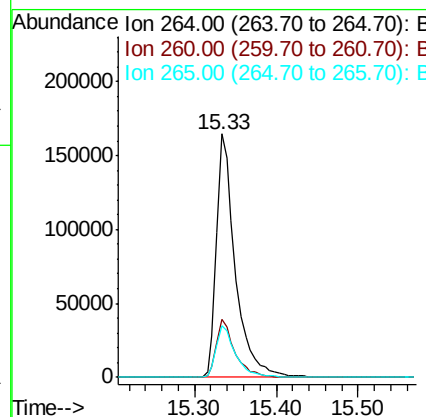
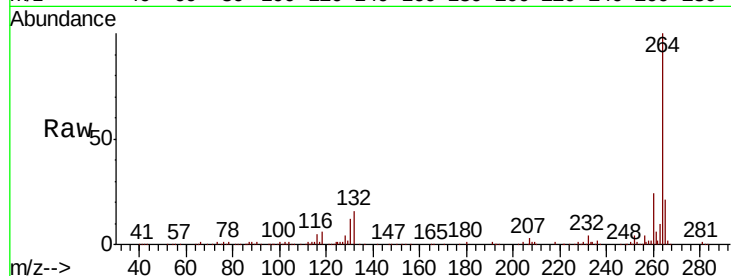
ClientSampleId :

PB127488BS

Tot Ion:	264	Resp:	264841
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	21.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 42.341 ng

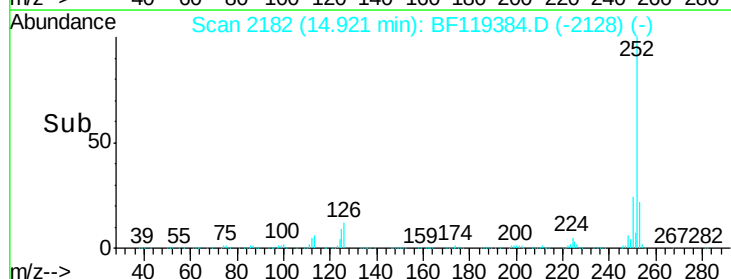
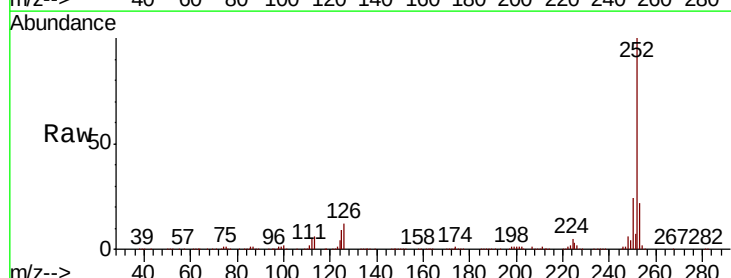
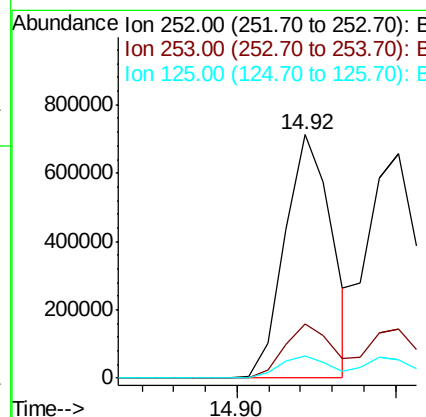
RT: 14.92 min Scan# 2182

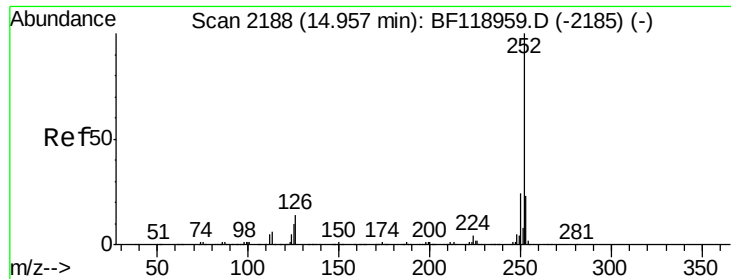
Delta R.T. 0.02 min

Lab File: BF119384.D

Acq: 12 Mar 2020 17:06

Tgt Ion:	252	Resp:	739144
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	9.1	7.4	11.0





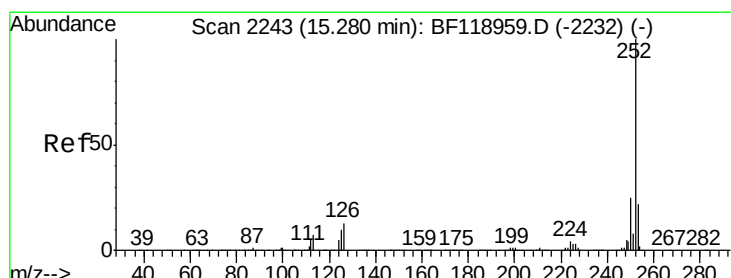
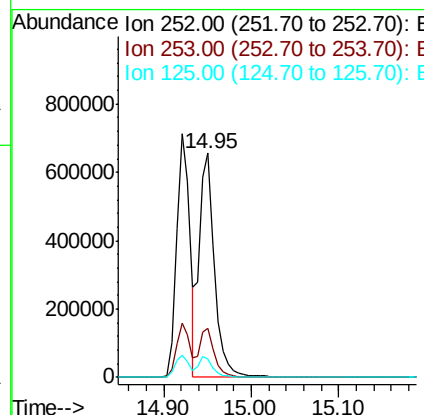
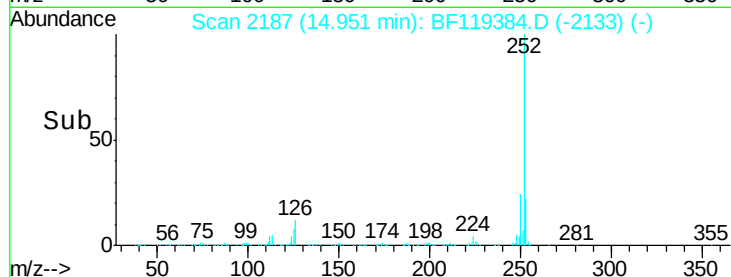
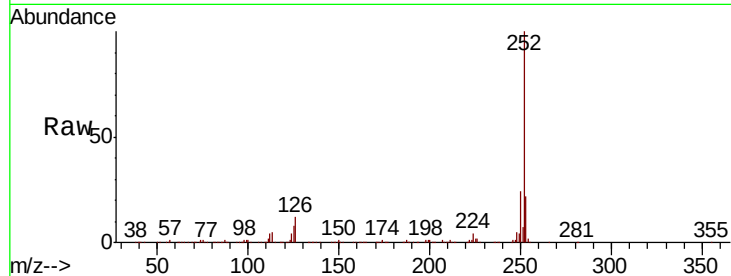
#89
Benzo(k)fluoranthene
Concen: 49.195 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	8.3	7.5	11.3

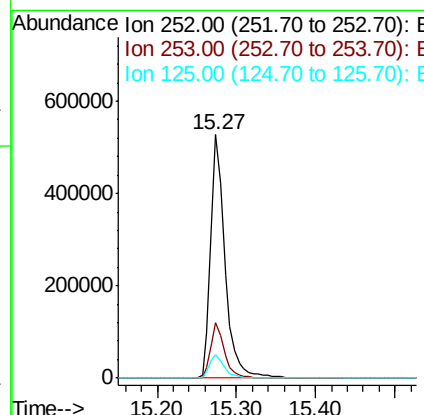
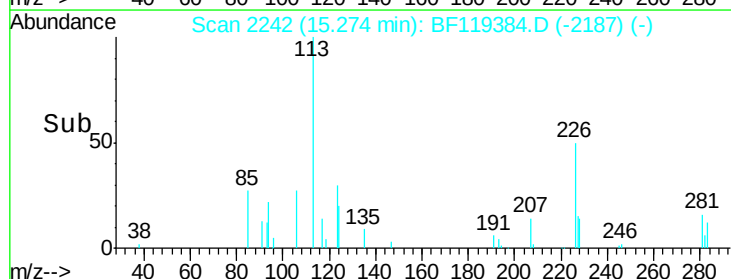
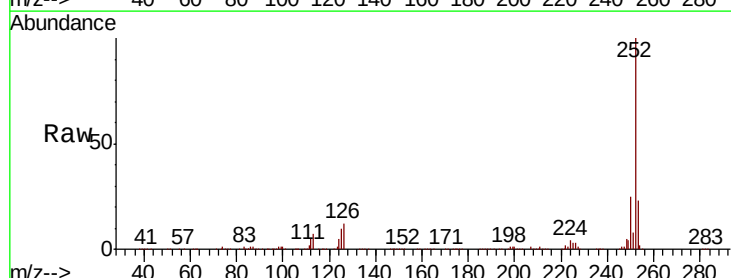
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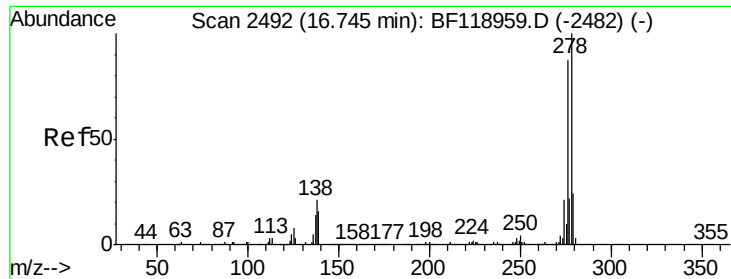
mohammad
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#90
Benzo(a)pyrene
Concen: 42.910 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	9.7	8.6	12.8





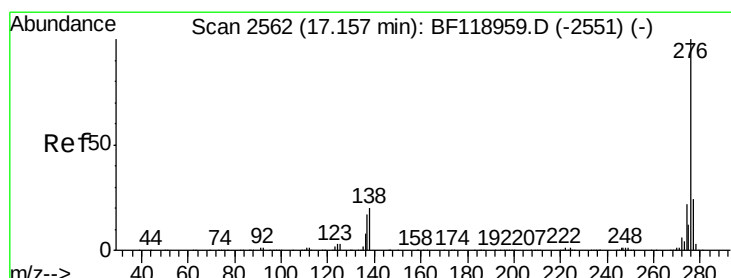
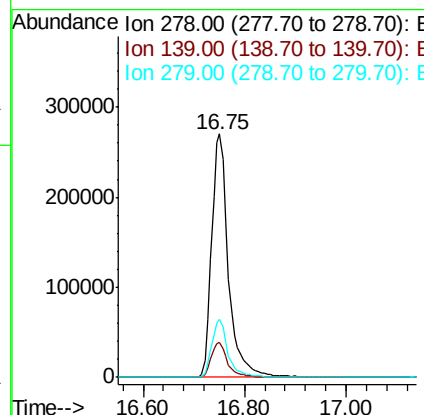
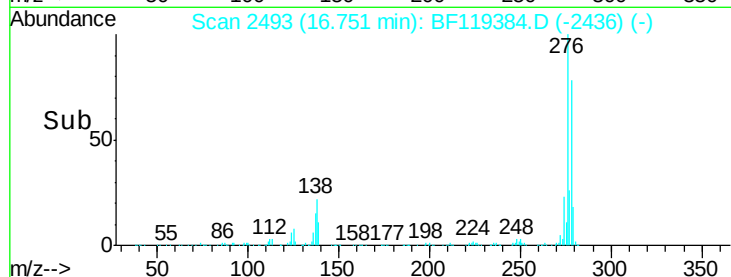
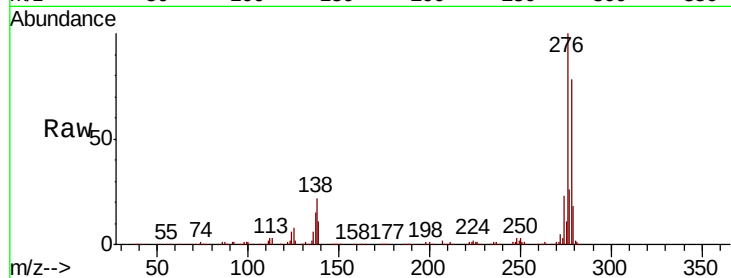
#91
Dibenzo(a,h)anthracene
Concen: 44.703 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.04 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Instrument :
BNA_F
ClientSampleId :
PB127488BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.0	16.4
279	23.6	18.6	28.0

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3/16/2020 1:47:30 PM



#92
Benzo(g,h,i)perylene
Concen: 45.359 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.04 min
Lab File: BF119384.D
Acq: 12 Mar 2020 17:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	18.7	28.1
138	18.7	14.3	21.5

