

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118400.D
 Acq On : 31 Dec 2019 12:42
 Operator : JU
 Sample : PB125809BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Manual Integrations
 APPROVED

mohammad
 1/2/2020 11:49:39 AM

Quant Time: Dec 31 17:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136956	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	577500	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	310175	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	590505	20.00	ng	0.00
76) Chrysene-d12	14.06	240	370753	20.00	ng	0.00
87) Perylene-d12	15.55	264	228800	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	872473	108.74	ng	0.02
7) Phenol-d6	6.50	99	1065785	107.08	ng	0.01
23) Nitrobenzene-d5	7.42	82	697643	69.09	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	383257	100.06	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1453603	71.54	ng	0.00
79) Terphenyl-d14	12.99	244	1678741	75.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	113159	35.479	ng	98
3) Pyridine	3.45	79	265349	31.226	ng	99
4) n-Nitrosodimethylamine	3.40	42	130491	37.141	ng	98
6) Aniline	6.52	93	319757	25.300	ng	# 67
8) 2-Chlorophenol	6.65	128	372466	40.989	ng	98
9) Benzaldehyde	6.40	77	71384	12.233	ng	97
10) Phenol	6.51	94	434624	38.851	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	321911	40.237	ng	99
12) 1,3-Dichlorobenzene	6.79	146	398772	38.104	ng	99
13) 1,4-Dichlorobenzene	6.87	146	404996	38.100	ng	98
14) 1,2-Dichlorobenzene	7.03	146	383936	38.257	ng	98
15) Benzyl Alcohol	7.00	79	300787	39.691	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327537	38.366	ng	78
17) 2-Methylphenol	7.12	107	298534	40.961	ng	96
18) Hexachloroethane	7.36	117	145012	37.170	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	236210	38.524	ng	97
20) 3+4-Methylphenols	7.27	107	378873	40.617	ng	98
22) Acetophenone	7.27	105	501422	35.426	ng	96
24) Nitrobenzene	7.44	77	367666	36.350	ng	100
25) Isophorone	7.68	82	662925	37.673	ng	98
26) 2-Nitrophenol	7.76	139	208938	39.000	ng	97
27) 2,4-Dimethylphenol	7.80	122	321305	43.957	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	410754	35.692	ng	99
29) 2,4-Dichlorophenol	8.00	162	316312	37.597	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	347940	35.502	ng	98
31) Naphthalene	8.16	128	1096808	37.367	ng	99
32) Benzoic acid	7.95	122	192869	33.228	ng	95
33) 4-Chloroaniline	8.22	127	265687	21.114	ng	97
34) Hexachlorobutadiene	8.27	225	201527	34.544	ng	99
35) Caprolactam	8.60	113	104278m	39.701	ng	
36) 4-Chloro-3-methylphenol	8.71	107	333454	36.916	ng	99
37) 2-Methylnaphthalene	8.86	142	762995	37.967	ng	99
38) 1-Methylnaphthalene	8.96	142	716831	37.860	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	329277	35.332	ng	99

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Instrument :
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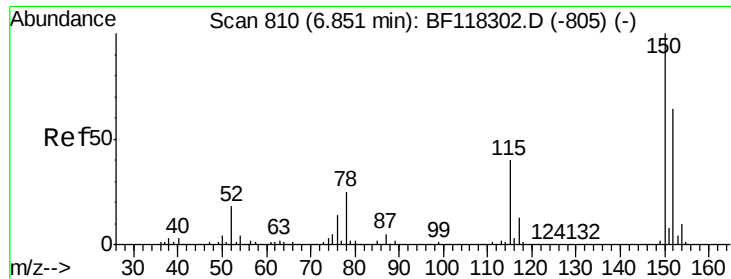
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	154278	43.910	nq	96
43) 2,4,6-Trichlorophenol	9.15	196	221398	35.560	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	232568	36.312	nq	98
46) 1,1'-Biphenyl	9.32	154	894357	36.455	nq	98
47) 2-Chloronaphthalene	9.35	162	694862	35.192	nq	98
48) 2-Nitroaniline	9.45	65	192021	34.430	nq	99
49) Acenaphthylene	9.77	152	1098563	37.514	nq	100
50) Dimethylphthalate	9.62	163	835035	35.865	nq	99
51) 2,6-Dinitrotoluene	9.69	165	184689	36.793	nq	98
52) Acenaphthene	9.94	154	649354	36.405	nq	99
53) 3-Nitroaniline	9.87	138	143300	24.323	nq	94
54) 2,4-Dinitrophenol	9.99	184	159571	64.147	nq	93
55) Dibenzofuran	10.12	168	975073	36.996	nq	99
56) 4-Nitrophenol	10.05	139	226352	62.235	nq	95
57) 2,4-Dinitrotoluene	10.10	165	247083	36.838	nq	88
58) Fluorene	10.46	166	775001	36.426	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	196211	36.055	nq	99
60) Diethylphthalate	10.33	149	838625	36.408	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	383788	36.135	nq	98
62) 4-Nitroaniline	10.49	138	184602	30.162	nq	99
63) Azobenzene	10.61	77	724638	36.728	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	124721	39.152	nq	98
66) n-Nitrosodiphenylamine	10.57	169	685592	36.226	nq	98
67) 4-Bromophenyl-phenylether	10.94	248	238248	34.476	nq	94
68) Hexachlorobenzene	11.01	284	278595	34.249	nq	99
69) Atrazine	11.10	200	224321	38.404	nq	98
70) Pentachlorophenol	11.21	266	225023	63.875	nq	99
71) Phenanthrene	11.43	178	1145318	35.578	nq	99
72) Anthracene	11.48	178	1162823	36.088	nq	99
73) Carbazole	11.63	167	995352	34.813	nq	98
74) Di-n-butylphthalate	11.96	149	1332453	36.754	nq	100
75) Fluoranthene	12.62	202	1148298	35.345	nq	98
77) Benzidine	12.74	184	196639	19.356	nq	98
78) Pyrene	12.85	202	1147789	37.911	nq	100
80) Butylbenzylphthalate	13.46	149	530691	38.930	nq	96
81) Benzo(a)anthracene	14.04	228	925320	35.656	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	248319	28.221	nq	98
83) Chrysene	14.09	228	879161	35.380	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	736763	41.102	nq	99
85) Di-n-octyl phthalate	14.63	149	1088538	41.284	nq	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	669349	31.613	nq	100
88) Benzo(b)fluoranthene	15.11	252	765578	50.408	nq	98
89) Benzo(k)fluoranthene	15.14	252	677650	46.469	nq	99
90) Benzo(a)pyrene	15.49	252	621681	46.466	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	576264	49.634	nq	98
92) Benzo(g,h,i)perylene	17.53	276	559034	49.845	nq	98

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



#1

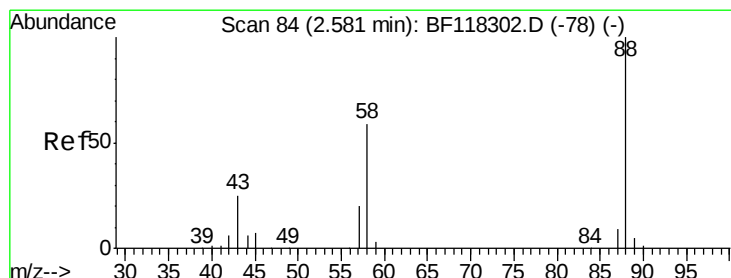
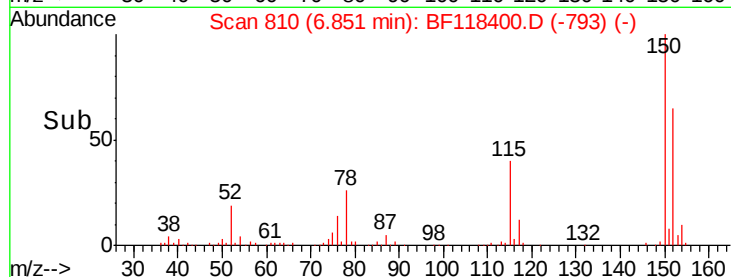
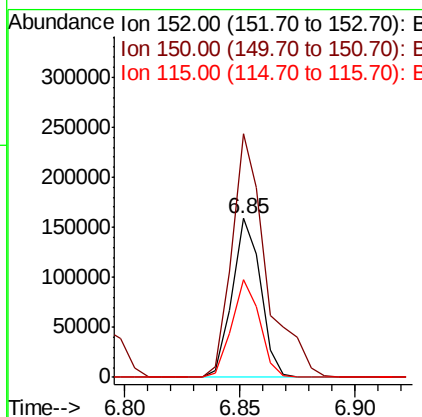
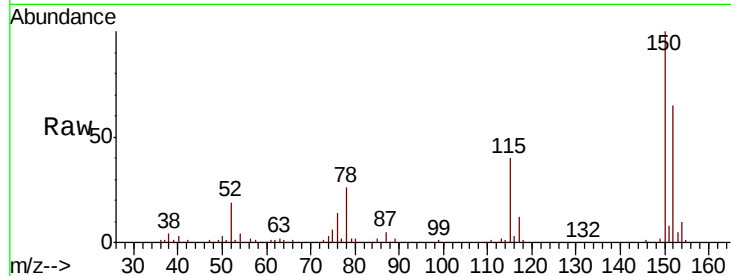
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.4	188.2
115	61.9	50.2	75.4

Manual Integrations
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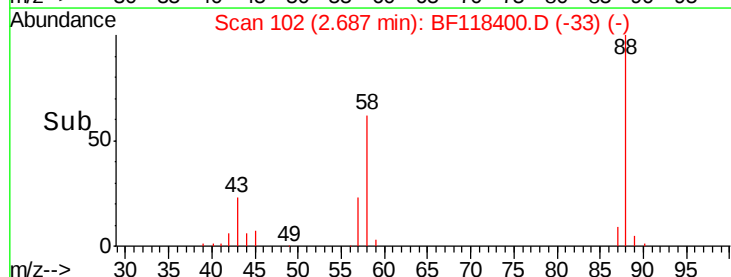
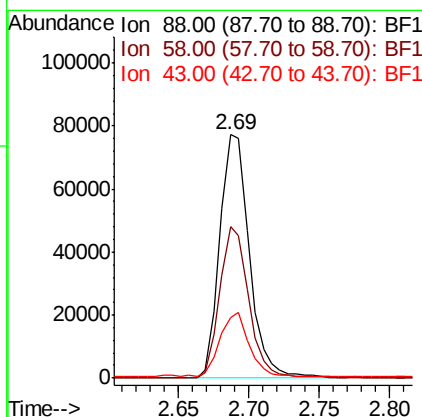
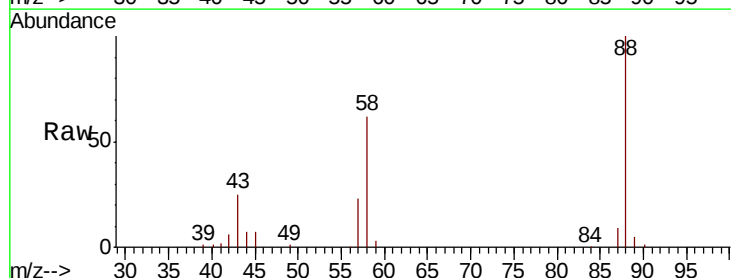
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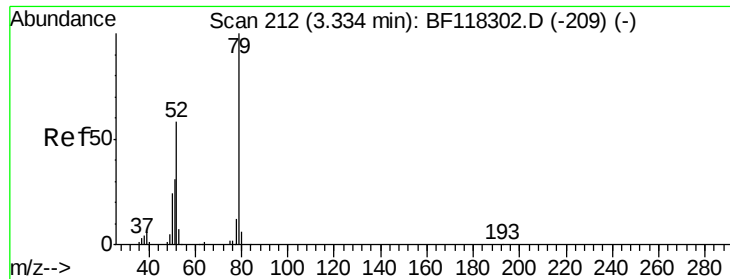


#2

1,4-Dioxane
Concen: 35.479 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.11 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	47.6	71.4
43	26.0	20.6	30.8





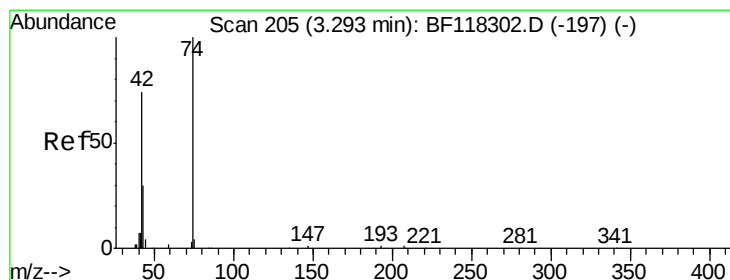
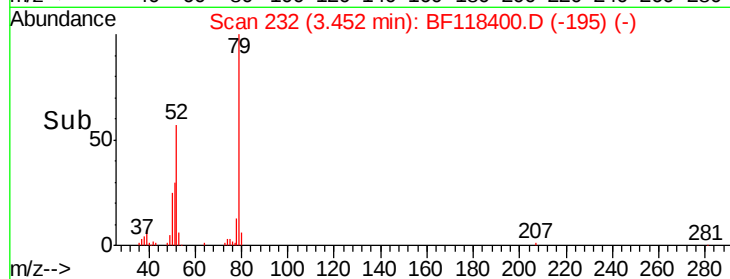
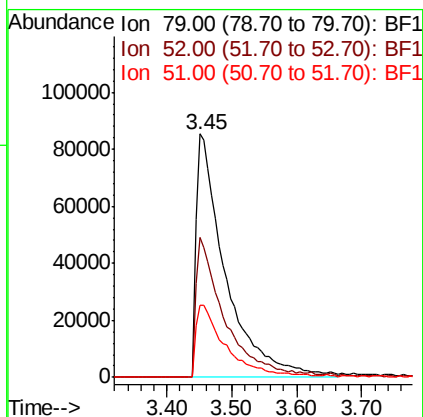
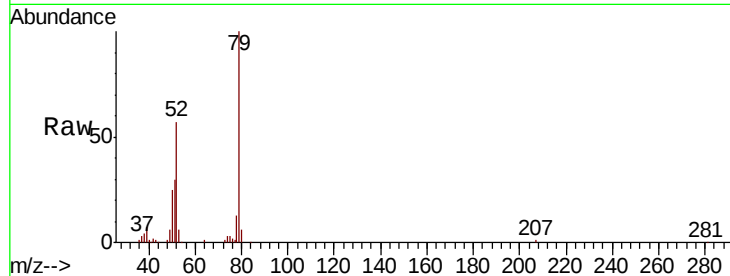
#3
 Pvridine
 Concen: 31.226 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.12 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	57.5	46.4	69.6
51	29.9	24.9	37.3

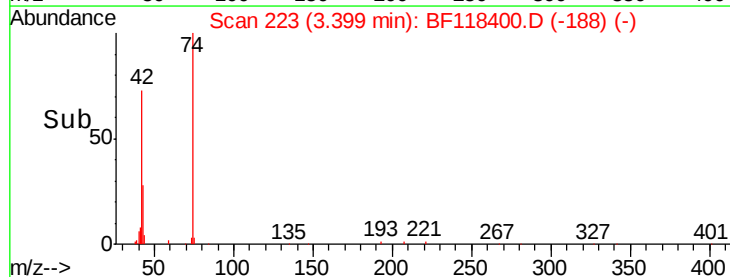
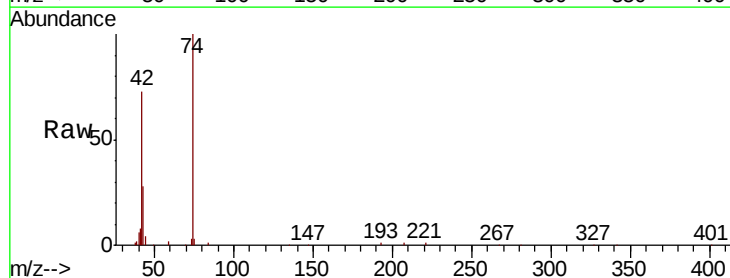
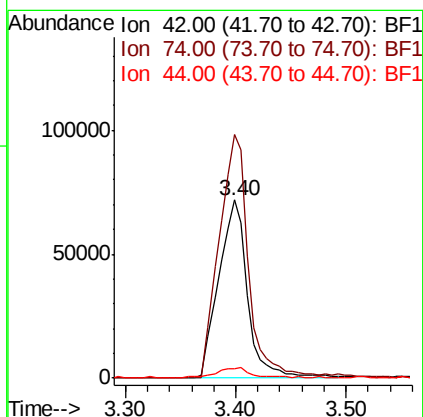
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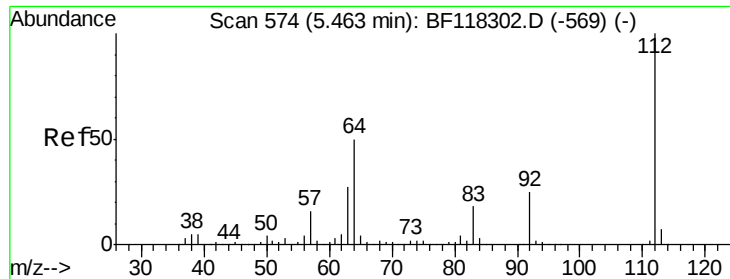
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#4
 n-Nitrosodimethylamine
 Concen: 37.141 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.11 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.8	107.7	161.5
44	5.5	4.8	7.2





#5

2-Fluorophenol

Concen: 108.743 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

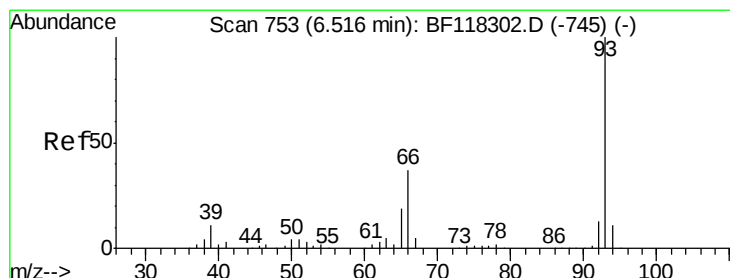
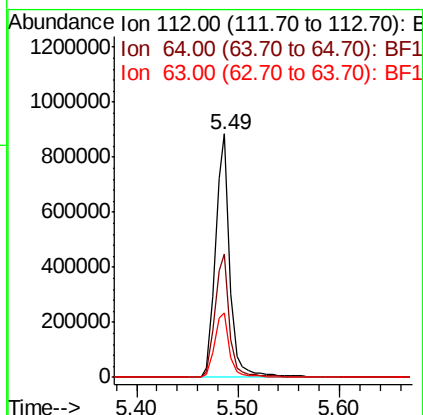
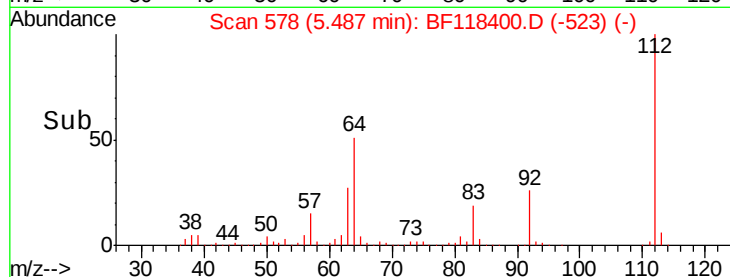
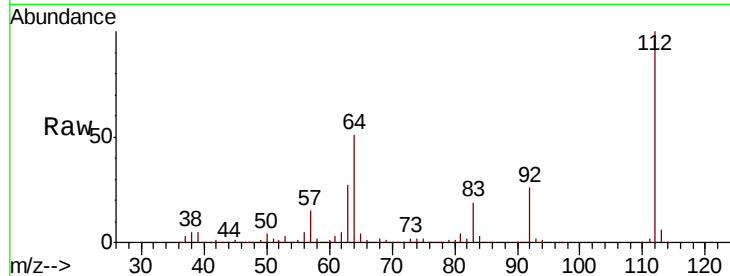
ClientSampleId :

PB125809BS

Tot Ion:	112	Resp:	872473
Ion Ratio	Lower	Upper	
112	100		
64	50.6	39.7	59.5
63	26.6	21.7	32.5

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#6

Aniline

Concen: 25.300 ng

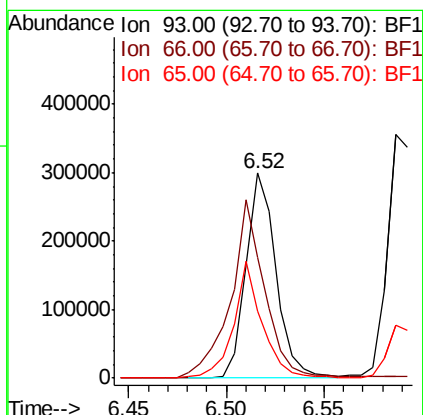
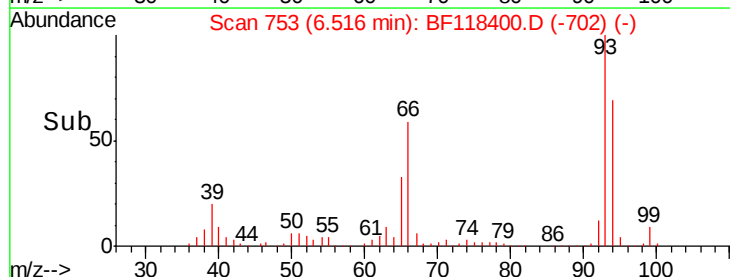
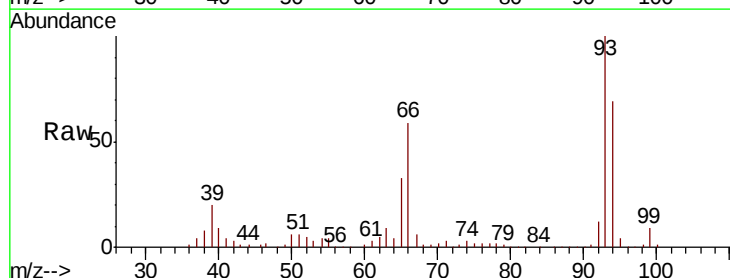
RT: 6.52 min Scan# 753

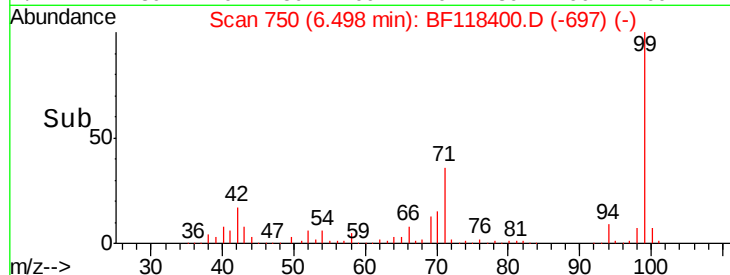
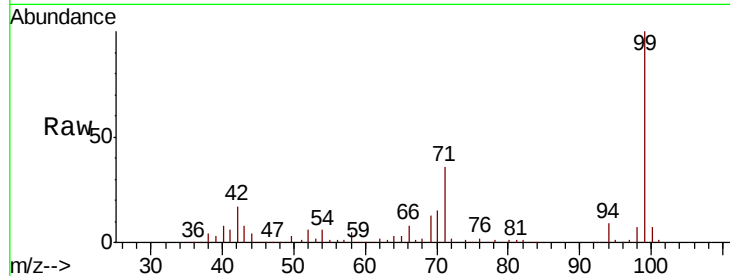
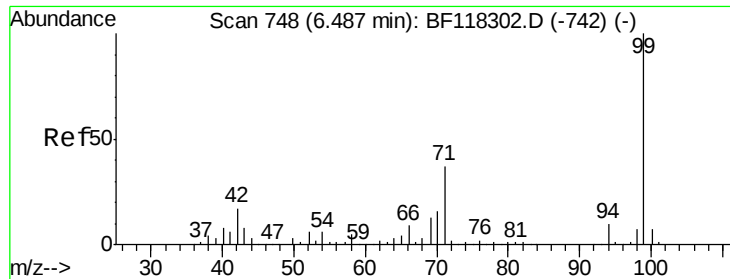
Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Tgt Ion:	93	Resp:	319757
Ion Ratio	Lower	Upper	
93	100		
66	59.0	30.2	45.4#
65	32.7	15.7	23.5#





#7

Phenol-d6

Concen: 107.081 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Tot Ion: 99 Resp: 1065785

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 36.3 29.4 44.2

Instrument :

BNA_F

ClientSampleId :

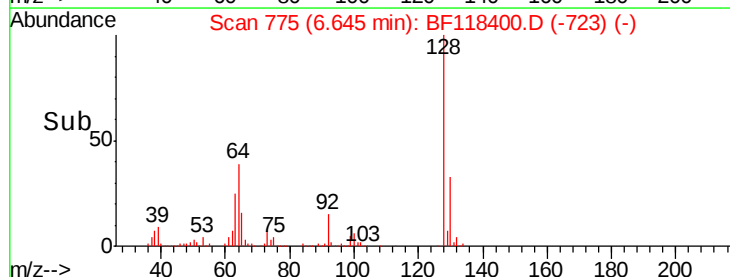
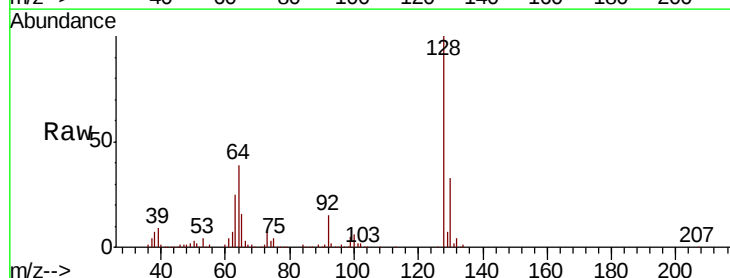
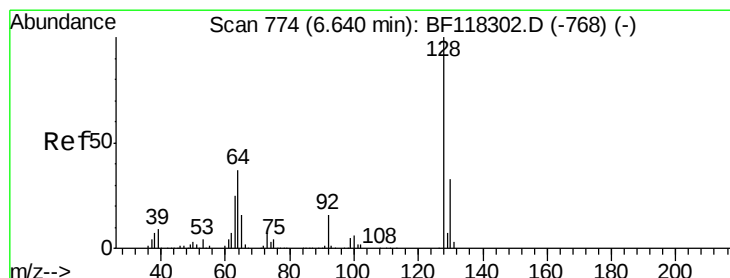
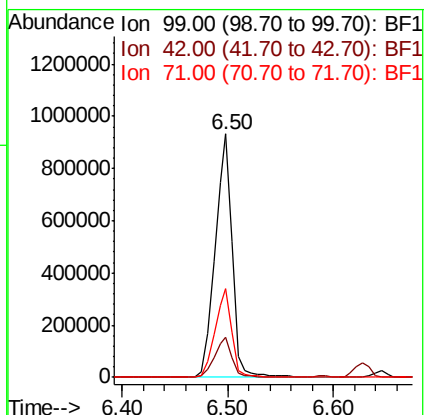
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#8

2-Chlorophenol

Concen: 40.989 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

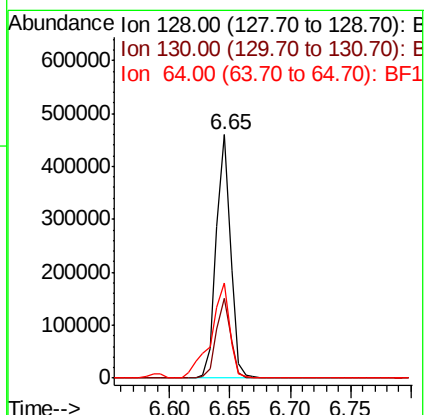
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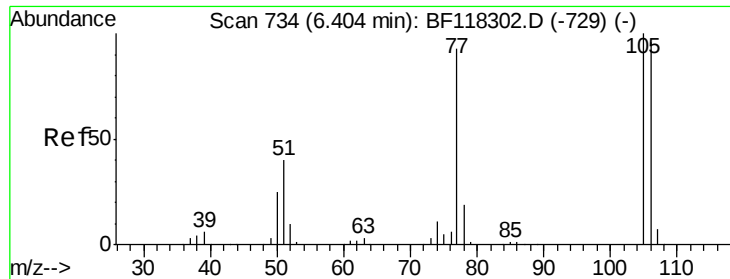
Ion Ratio Lower Upper

128 100

130 32.6 13.2 53.2

64 39.0 17.7 57.7





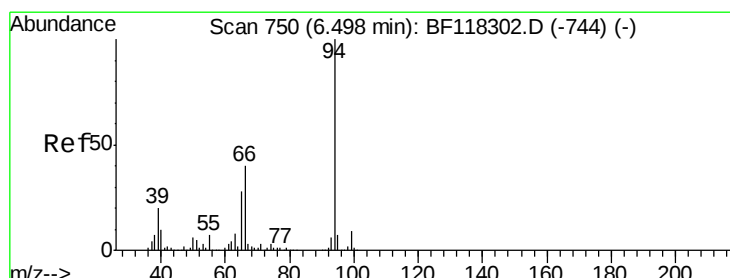
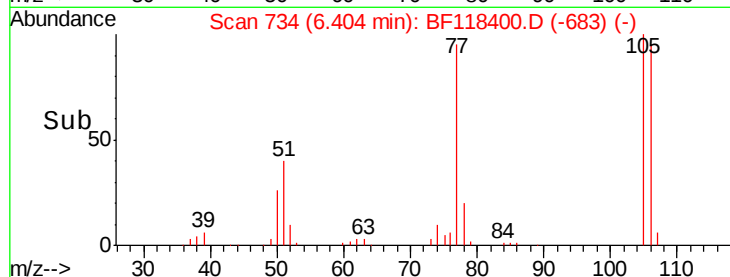
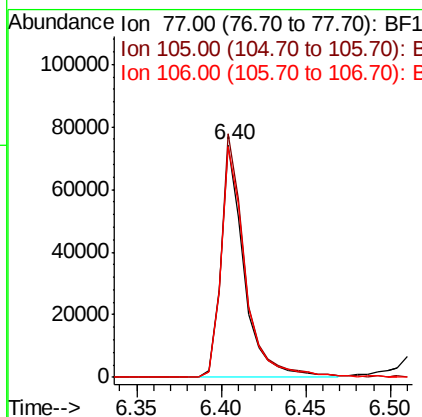
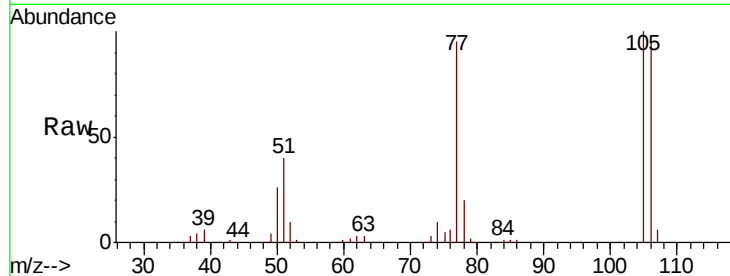
#9
Benzaldehyde
Concen: 12.233 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleID :
PB125809BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.9	87.5	127.5
106	99.6	83.6	123.6

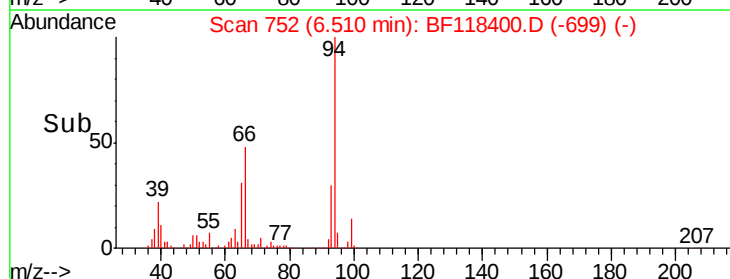
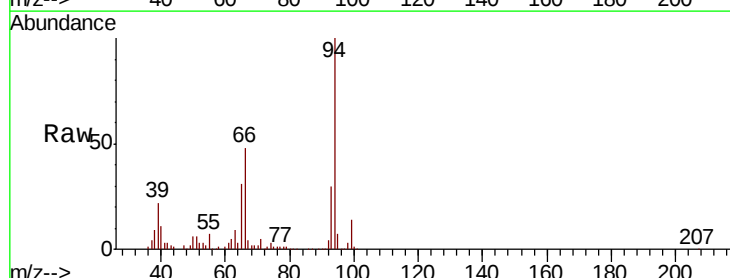
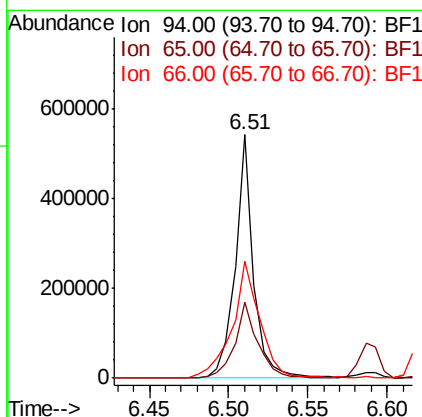
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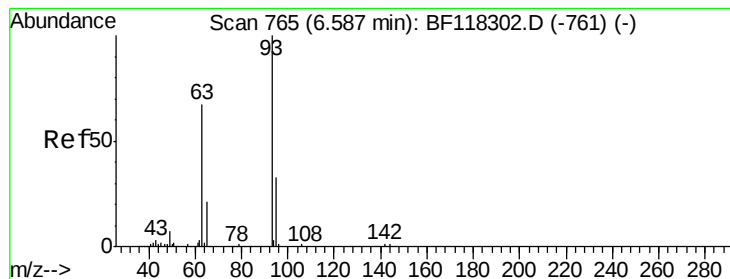
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#10
Phenol
Concen: 38.851 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	7.8	47.8
66	48.0	20.4	60.4





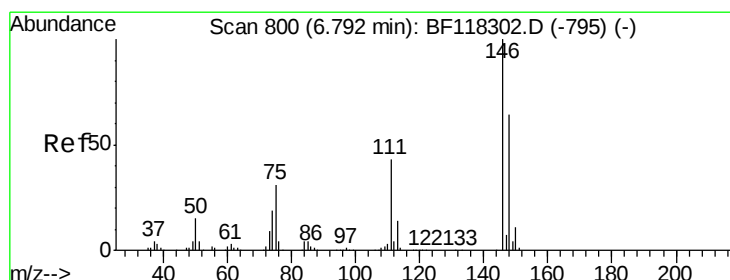
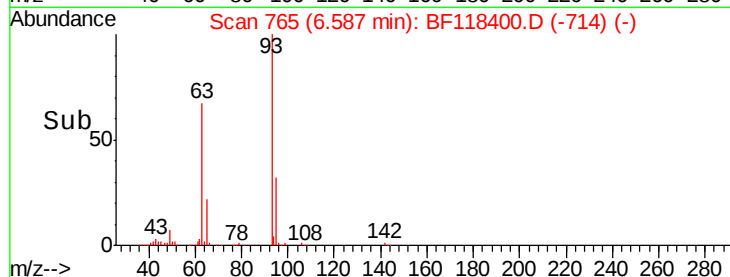
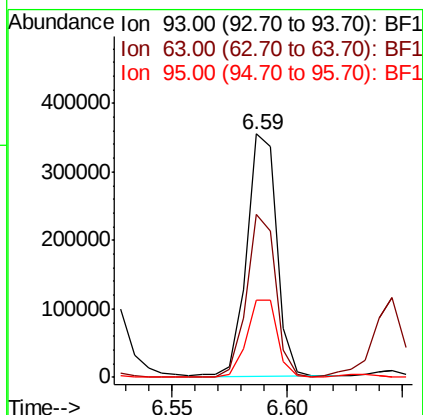
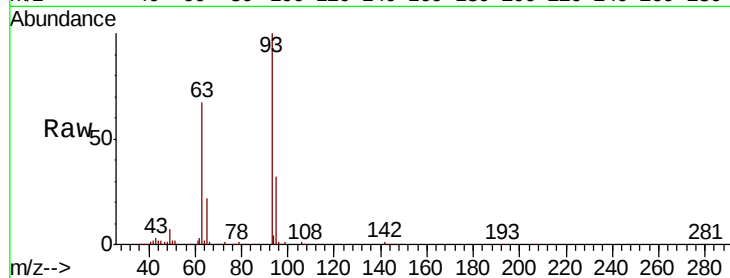
#11
bis(2-Chloroethyl)ether
Concen: 40.237 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion:	93	Resp:	321911
Ion	Ratio	Lower	Upper
93	100		
63	67.0	47.0	87.0
95	31.6	12.8	52.8

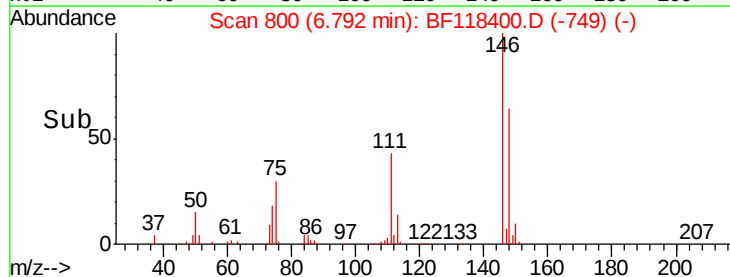
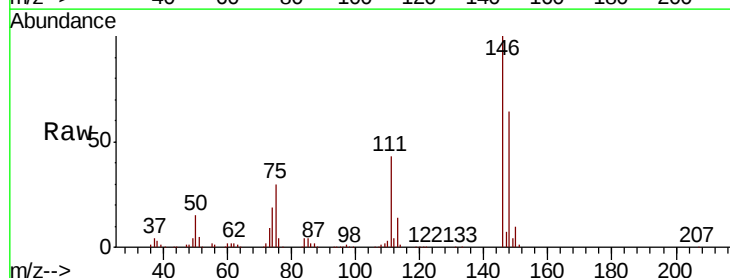
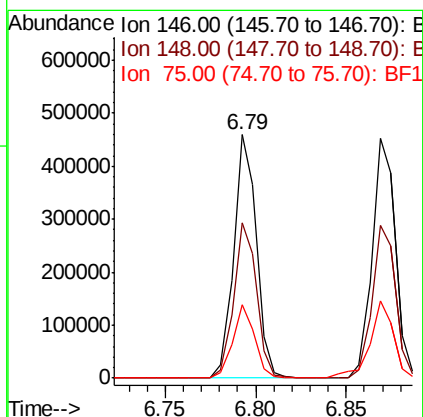
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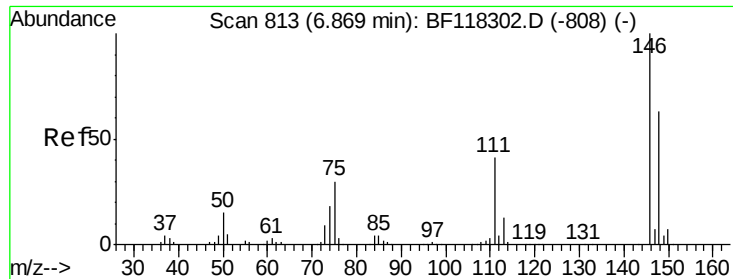
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.104 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion:	146	Resp:	398772
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	30.3	24.4	36.6





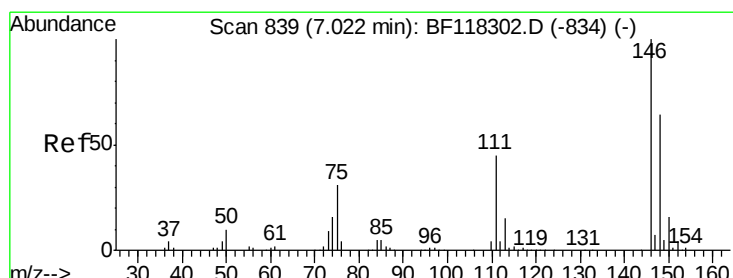
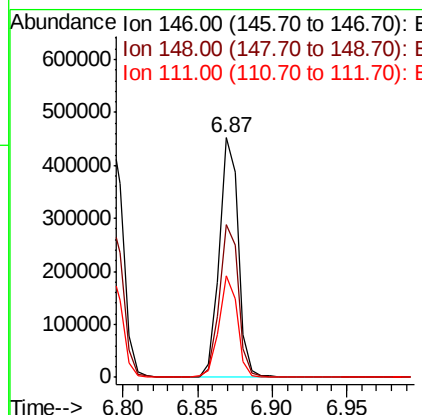
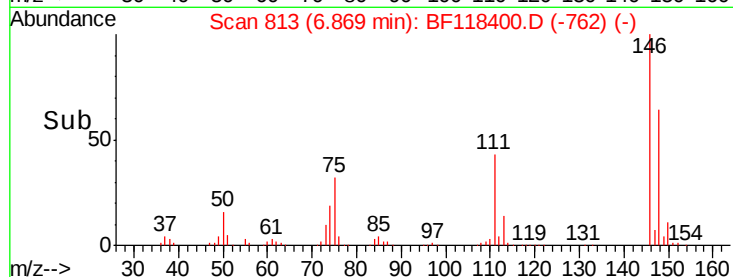
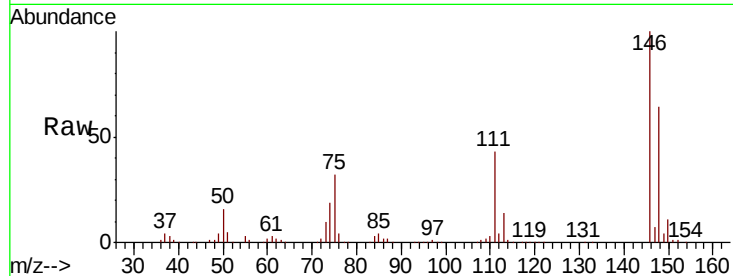
#13
1,4-Dichlorobenzene
Concen: 38.100 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampled :
PB125809BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.3	75.5
111	42.6	32.8	49.2

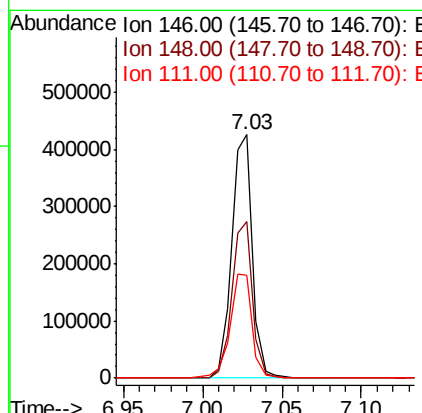
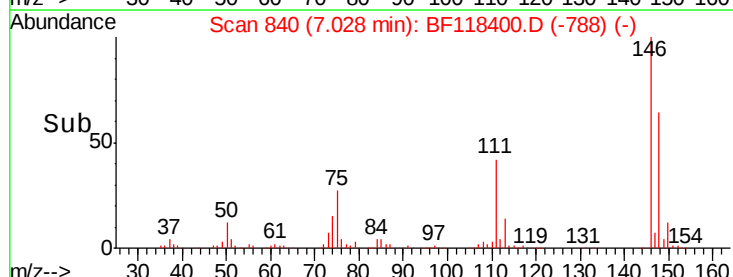
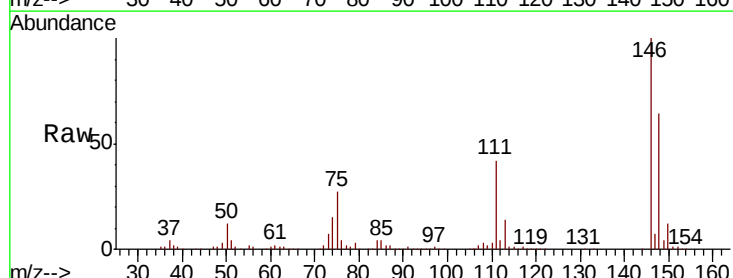
Manual Integrations
APPROVED

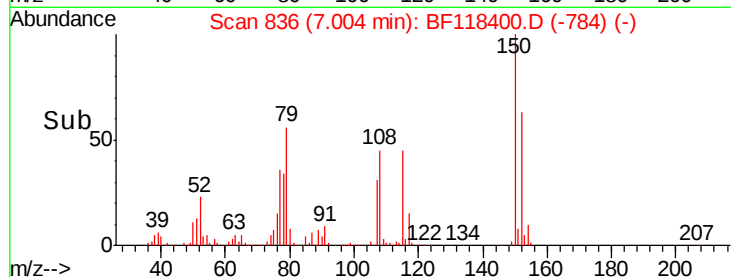
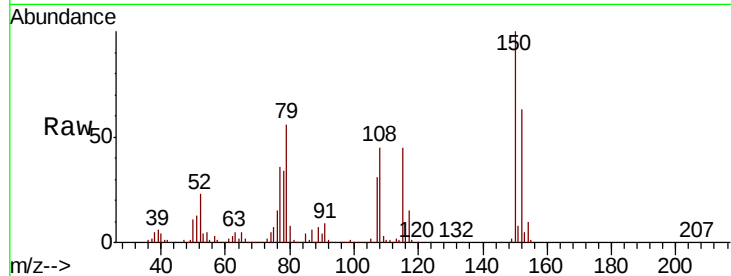
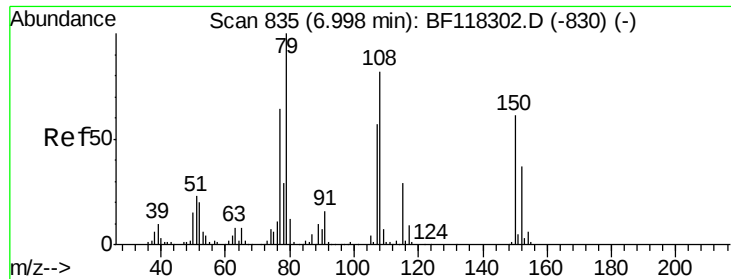
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#14
1,2-Dichlorobenzene
Concen: 38.257 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.3	76.9
111	42.1	35.7	53.5





#15

Benzyl Alcohol

Concen: 39.691 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Tot Ion:	79	Resp:	300787
Ion Ratio	Lower	Upper	
79	100		
108	80.1	65.4	98.0
77	64.3	51.4	77.0

Instrument :

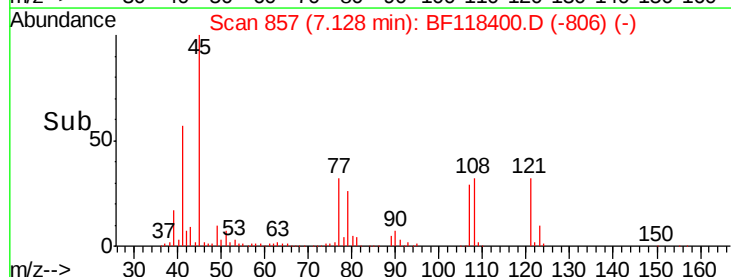
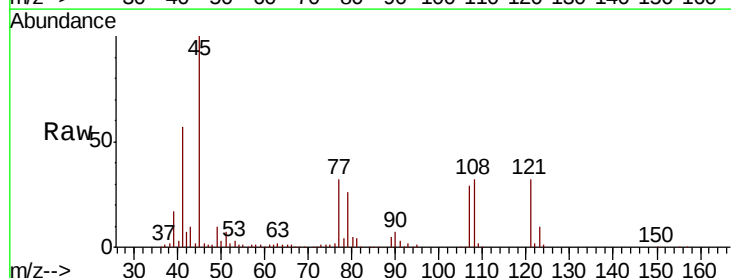
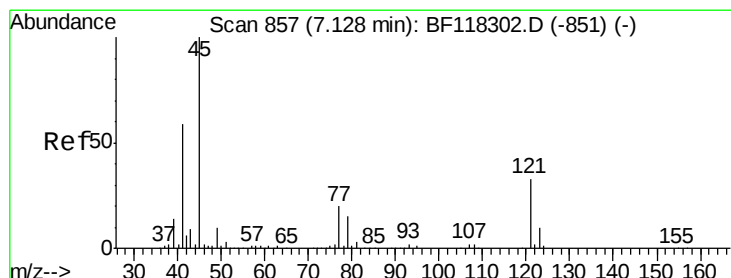
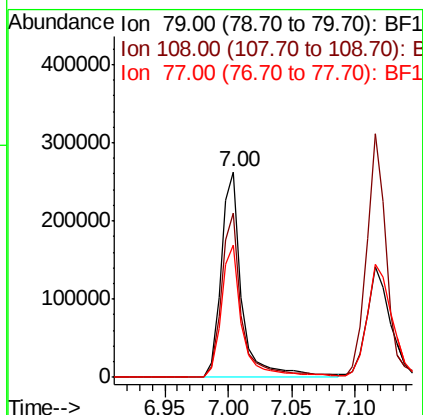
BNA_F

ClientSampled :

PB125809BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.366 ng

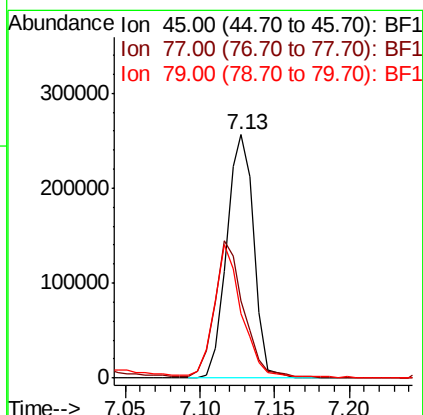
RT: 7.13 min Scan# 857

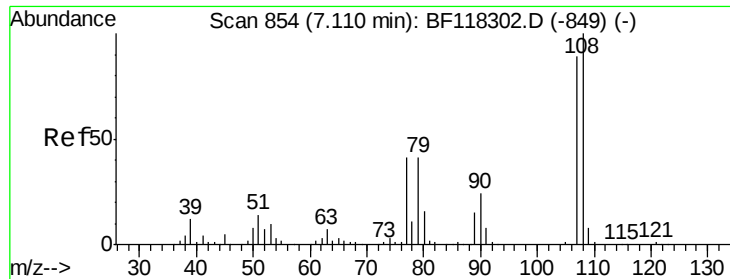
Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Tgt Ion:	45	Resp:	327537
Ion Ratio	Lower	Upper	
45	100		
77	31.9	1.2	41.2
79	26.5	0.0	37.0





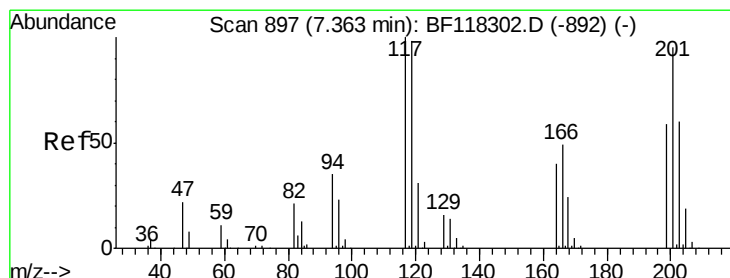
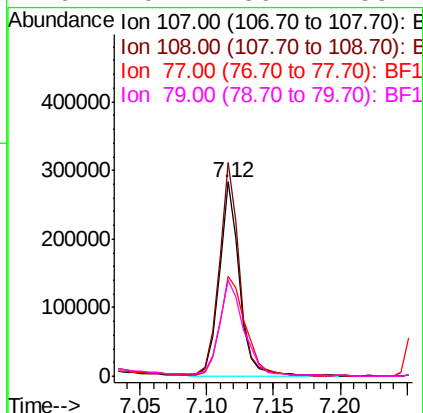
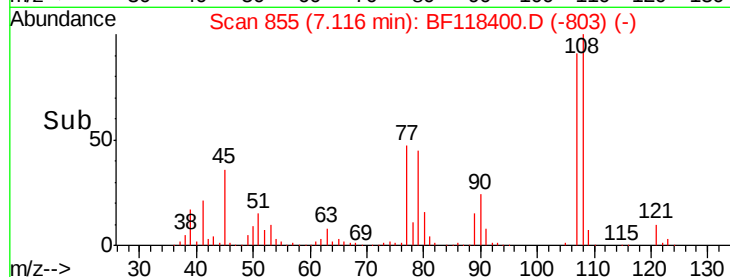
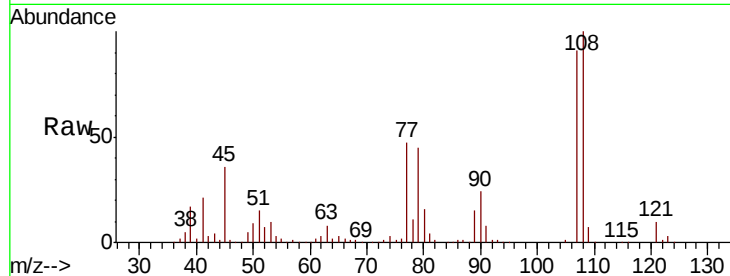
#17
2-Methylphenol
Concen: 40.961 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.7	134.5
77	51.3	37.2	55.8
79	49.7	36.7	55.1

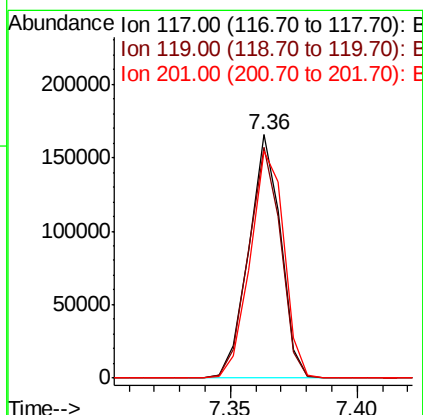
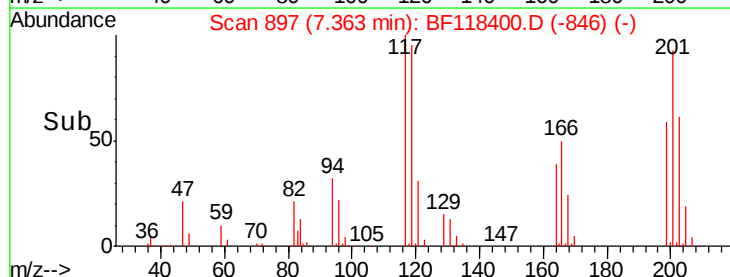
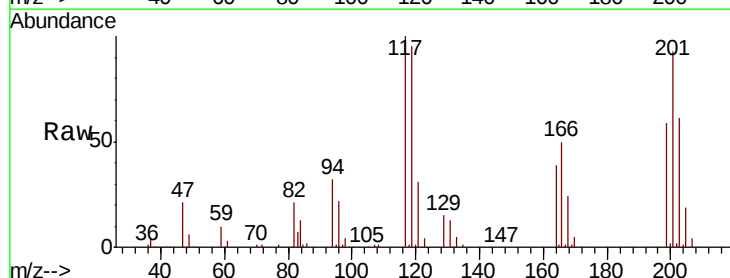
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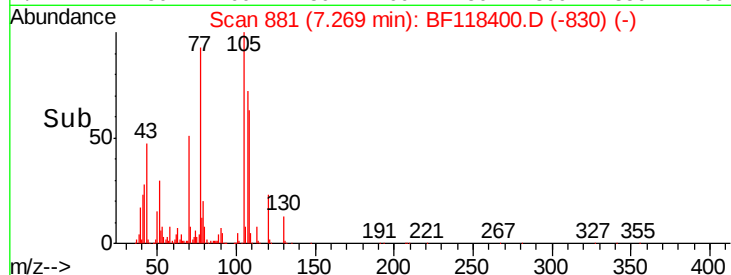
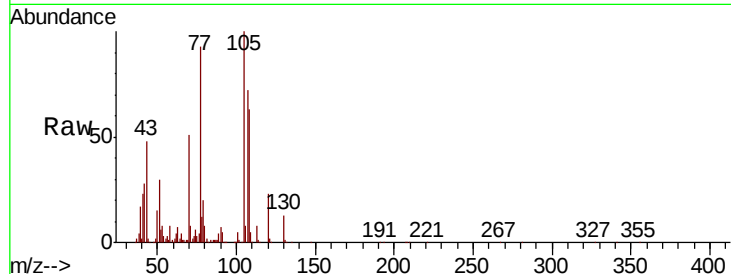
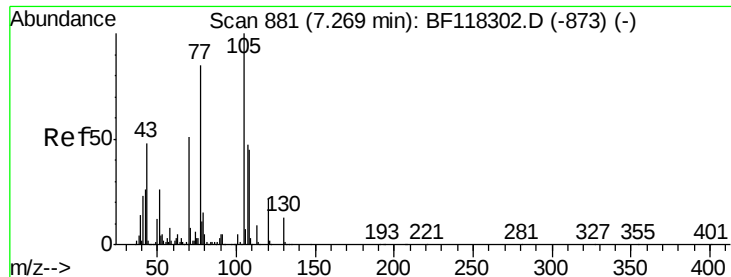
mohammad
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#18
Hexachloroethane
Concen: 37.170 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
201	93.4	76.2	114.2





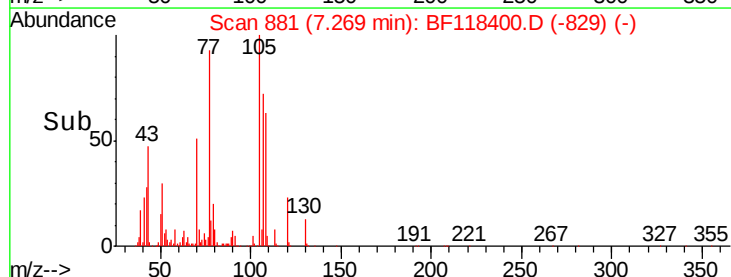
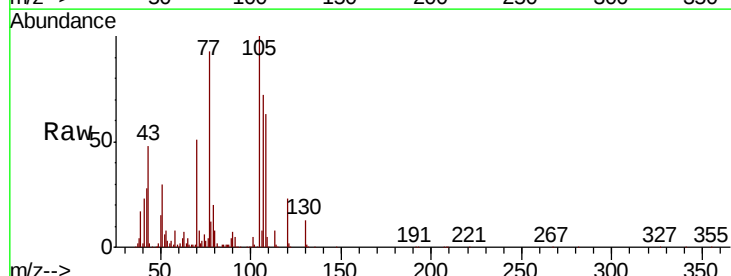
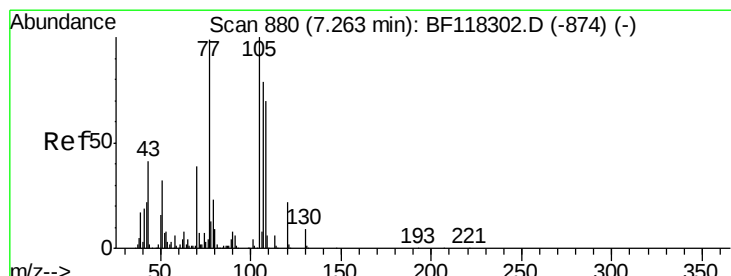
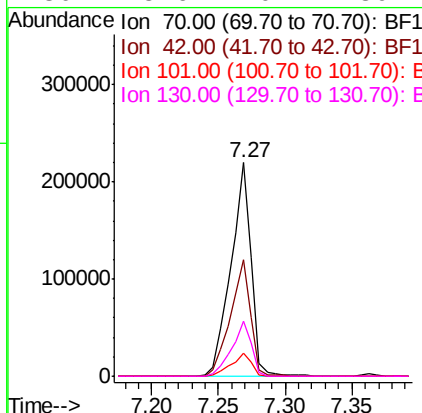
#19
n-Nitroso-di-n-propylamine
Concen: 38.524 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	41.1	61.7
101	10.6	8.3	12.5
130	25.6	20.1	30.1

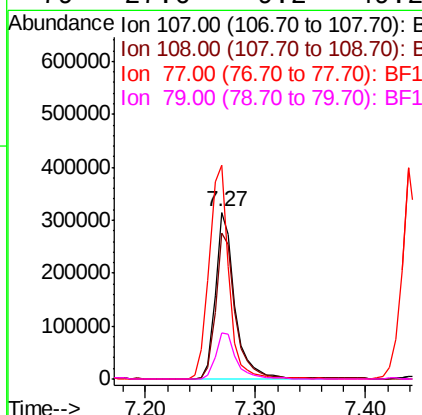
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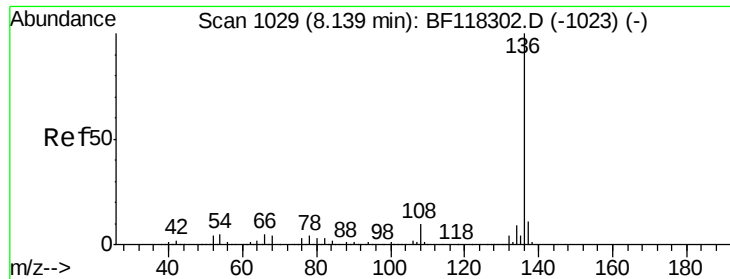
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#20
3+4-Methylphenols
Concen: 40.617 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.3	109.3
77	128.2	105.9	145.9
79	27.6	9.2	49.2





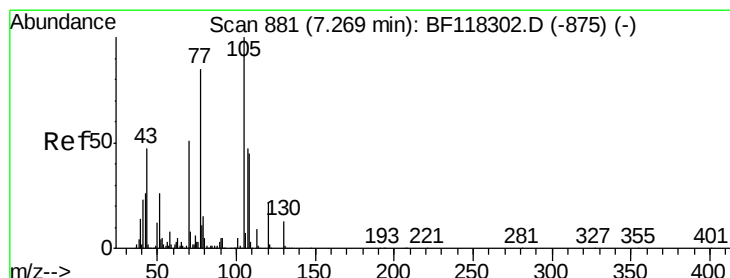
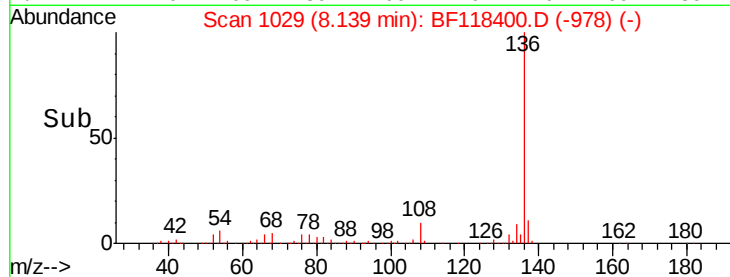
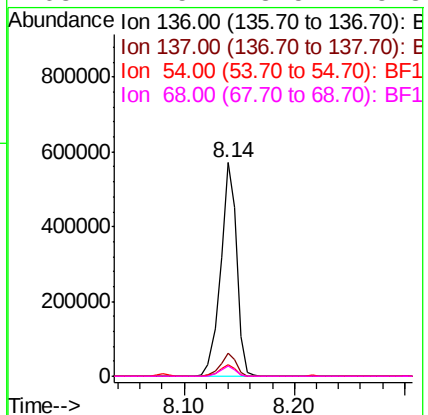
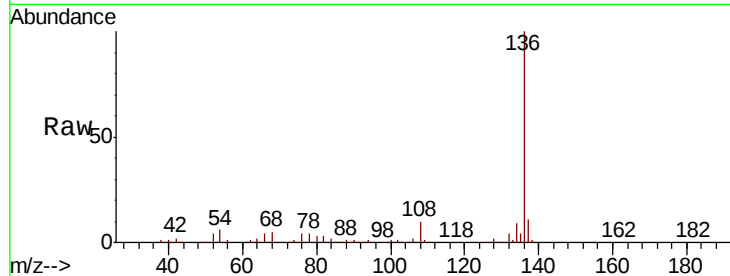
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		577500		
137	11.0	8.9	13.3		
54	5.5	4.2	6.4		
68	4.5	3.5	5.3		

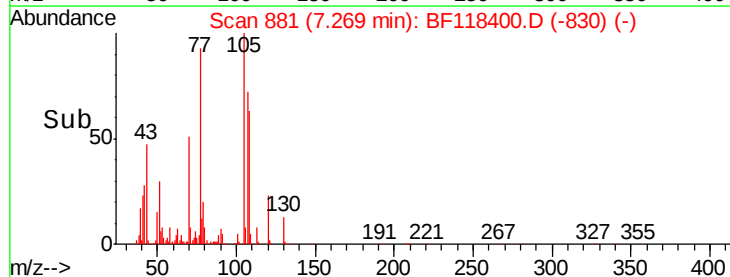
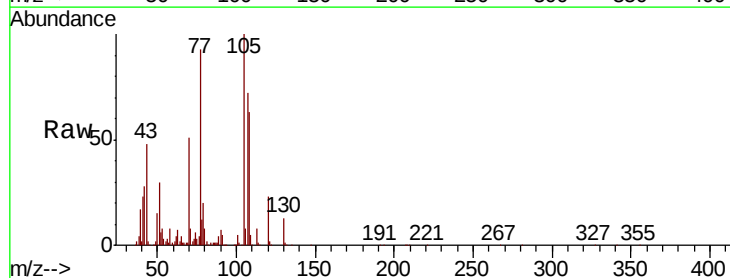
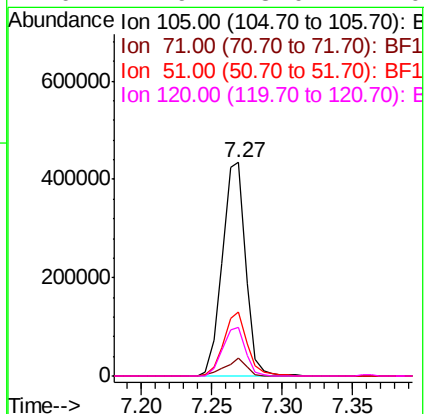
Manual Integrations
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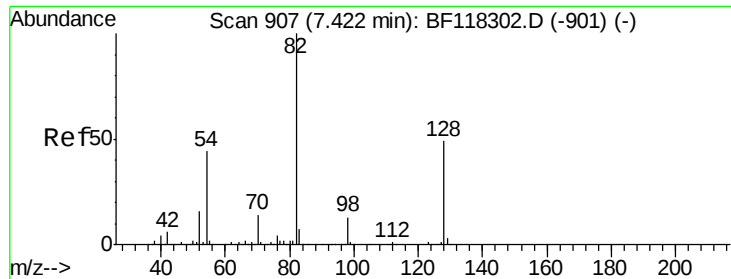
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#22
Acetophenone
Concen: 35.426 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		501422		
71	8.4	6.6	9.8		
51	29.9	20.6	30.8		
120	22.9	18.0	27.0		





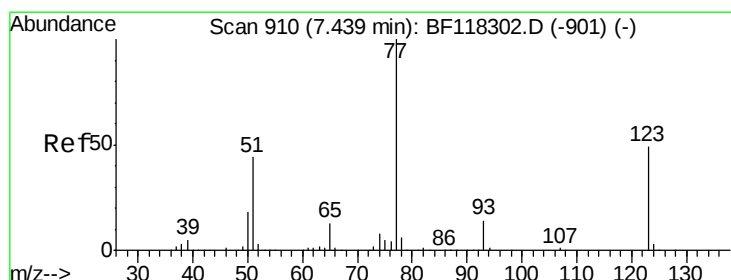
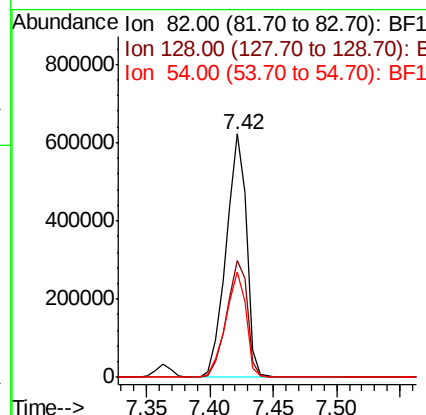
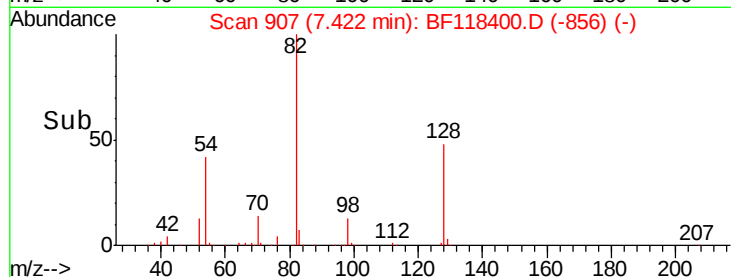
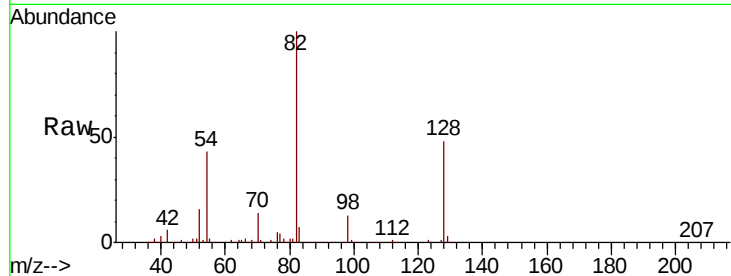
#23
 Nitrobenzene-d5
 Concen: 69.094 ng
 RT: 7.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	697643		
128	47.9		39.6	59.4
54	43.4		34.9	52.3

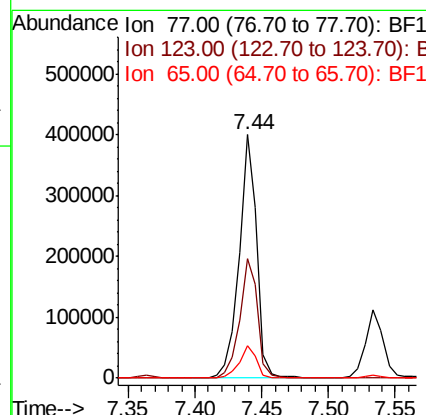
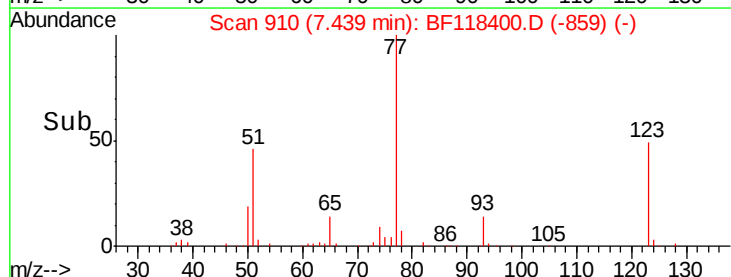
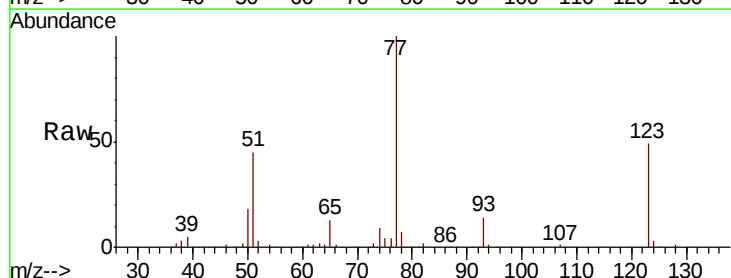
Manual Integrations
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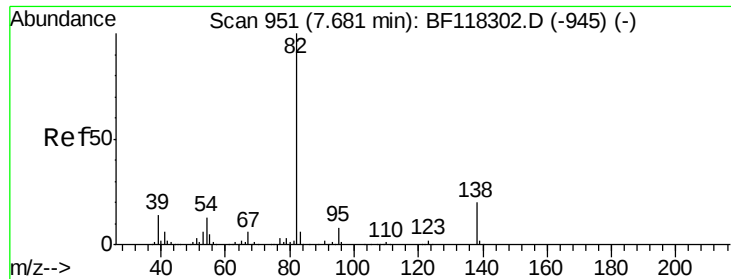
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#24
 Nitrobenzene
 Concen: 36.350 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	367666		
123	49.1		39.1	58.7
65	13.4		10.6	16.0





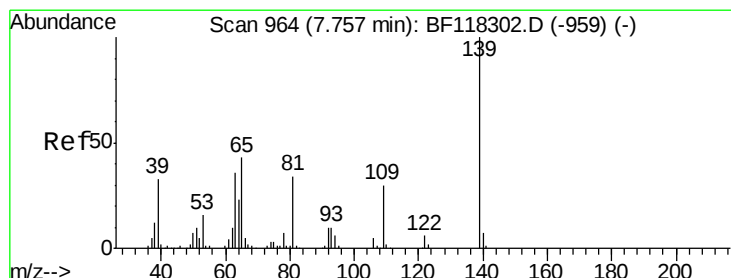
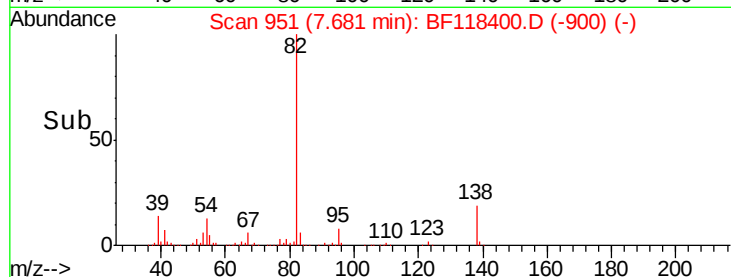
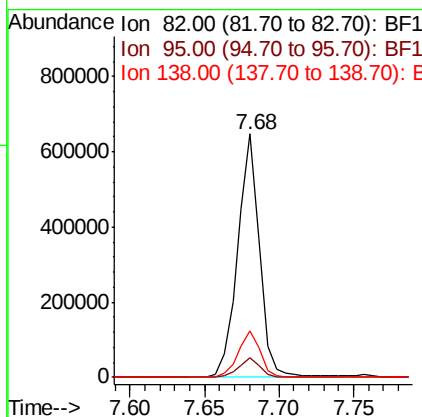
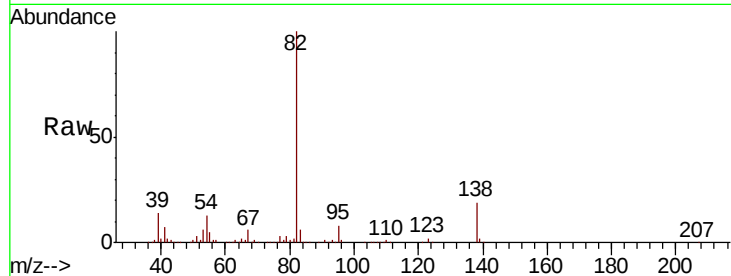
#25
Isophorone
Concen: 37.673 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	662925		
95	8.0		6.3	9.5
138	19.2		16.2	24.2

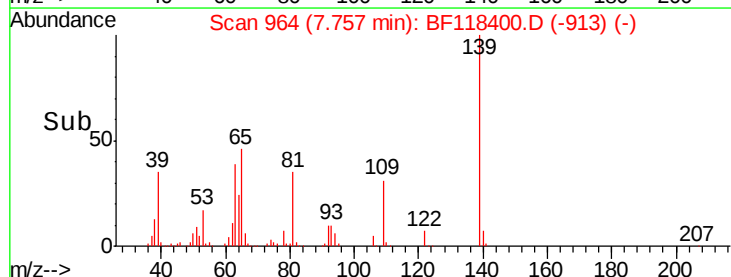
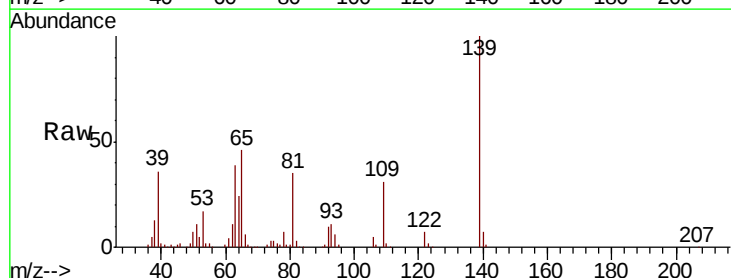
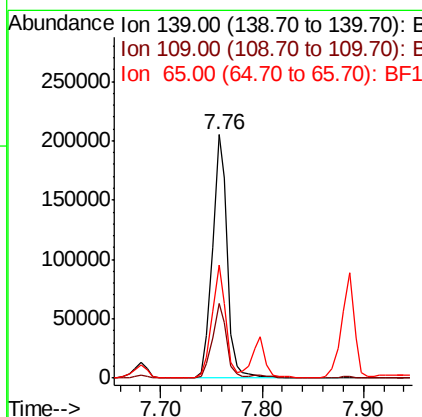
Manual Integrations
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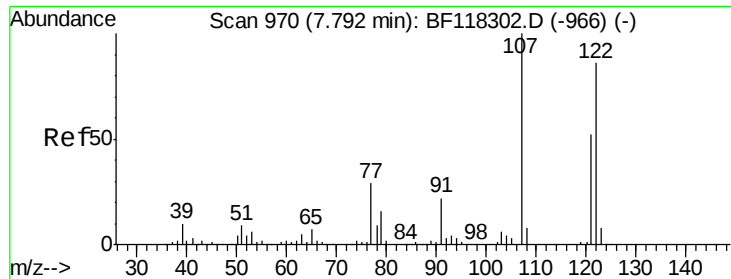
mohammad
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#26
2-Nitrophenol
Concen: 39.000 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	208938		
109	30.8		24.1	36.1
65	46.5		34.6	52.0





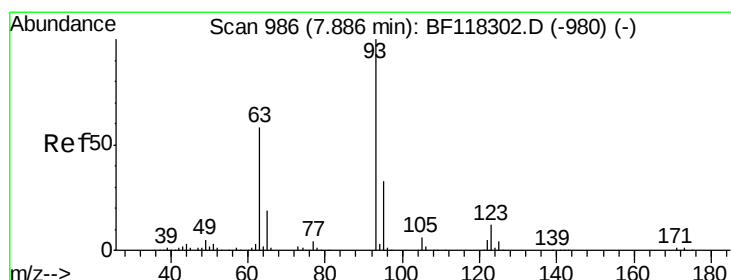
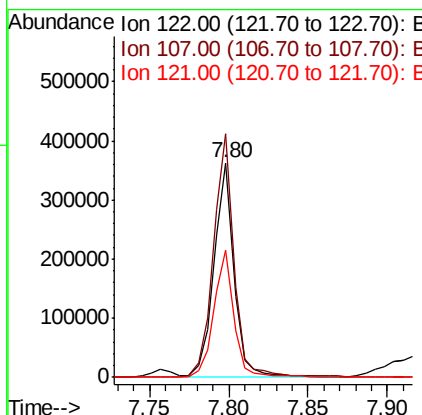
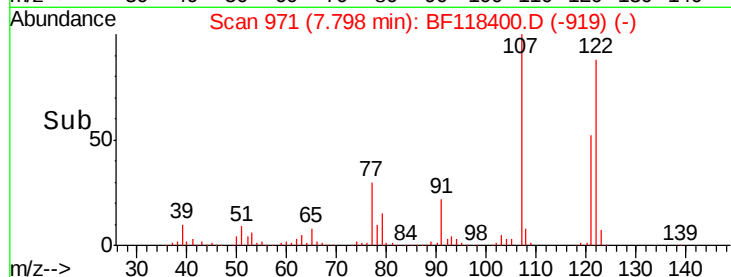
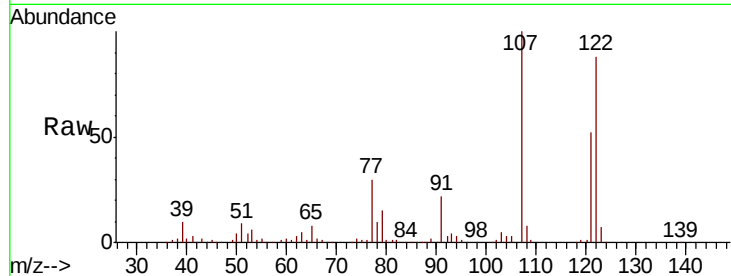
#27
2,4-Dimethylphenol
Concen: 43.957 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	321305		
107	113.4	92.9	139.3	
121	58.9	47.9	71.9	

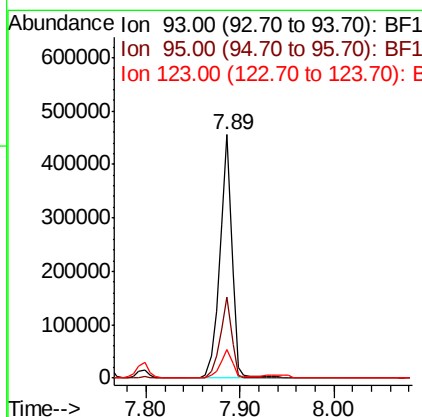
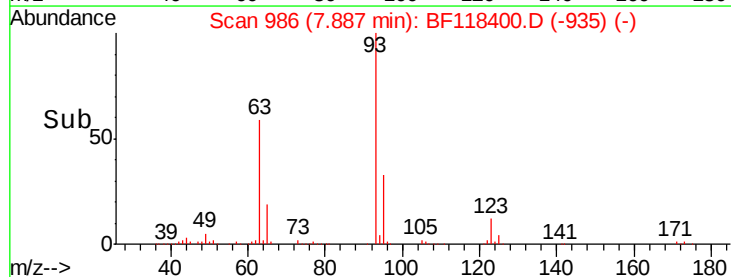
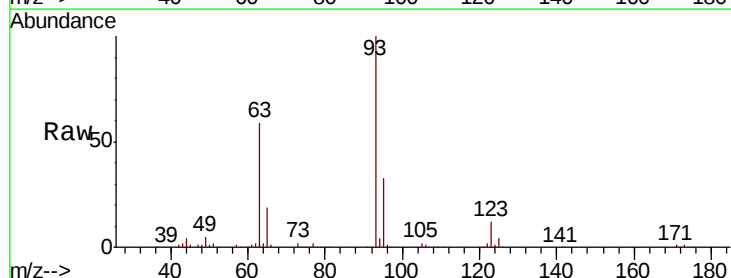
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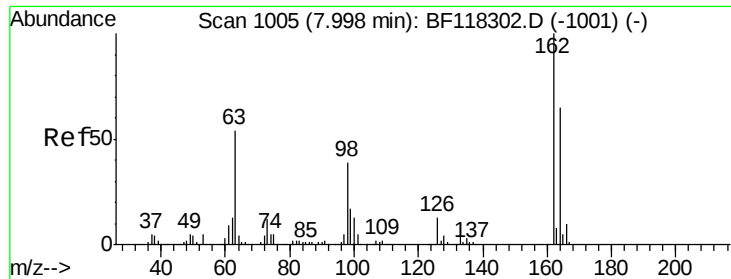
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 35.692 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	410754		
95	33.1	26.2	39.4	
123	11.9	9.8	14.8	





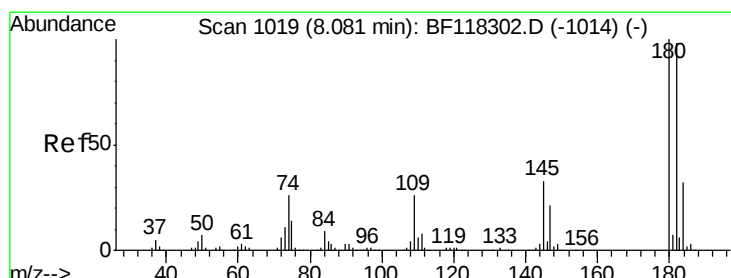
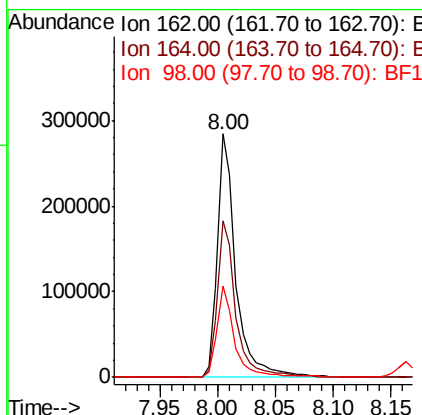
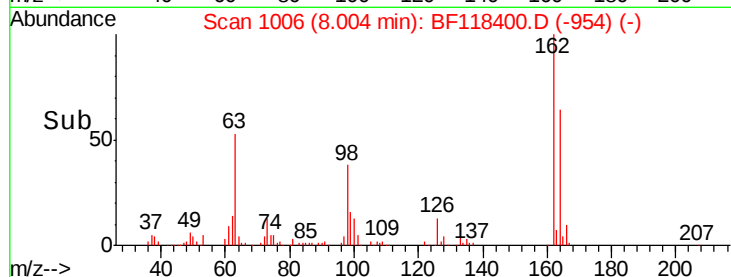
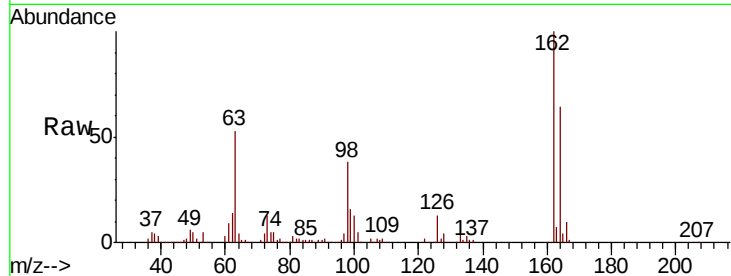
#29
2,4-Dichlorophenol
Concen: 37.597 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	316312		
164	64.3	45.1	85.1	
98	37.7	18.6	58.6	

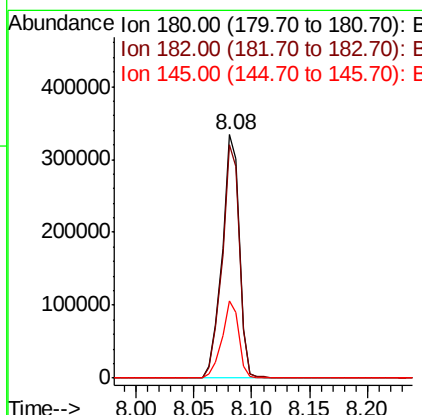
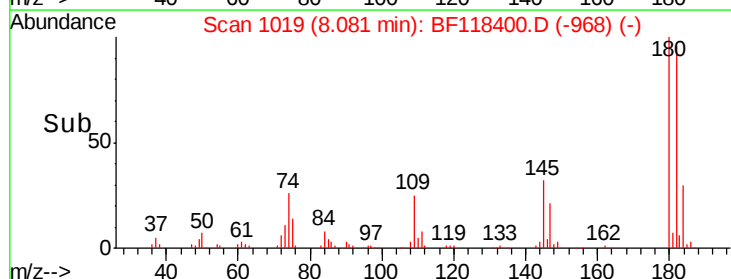
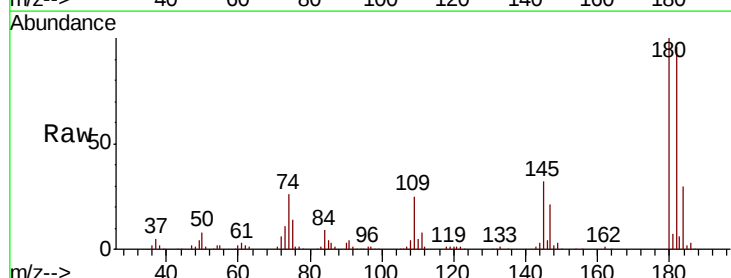
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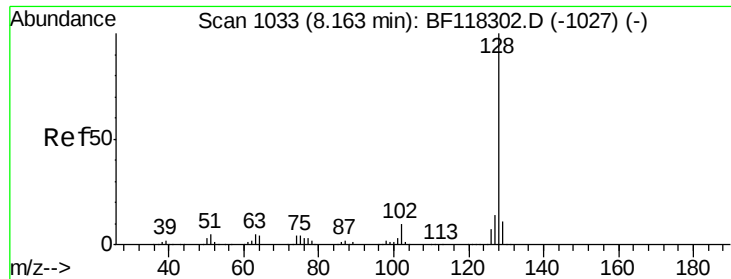
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#30
1,2,4-Trichlorobenzene
Concen: 35.502 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347940		
182	96.0	78.3	117.5	
145	31.8	26.7	40.1	





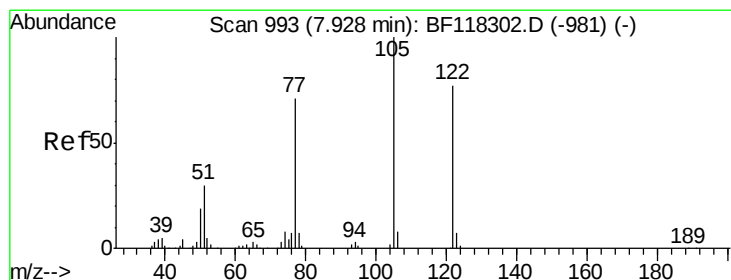
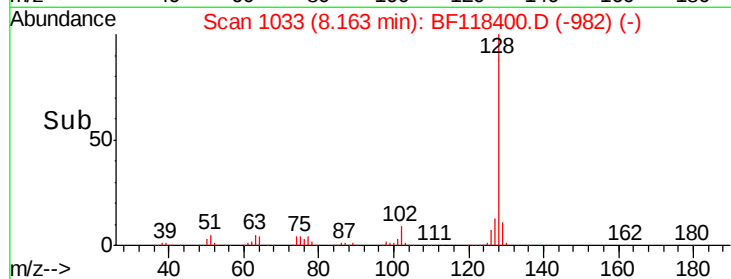
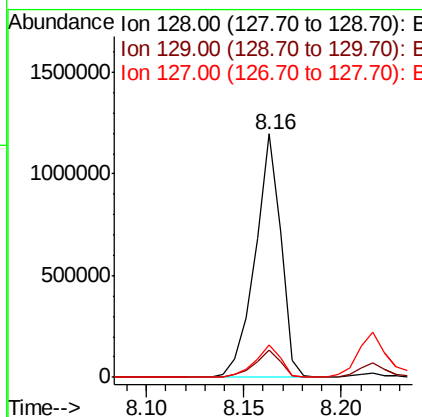
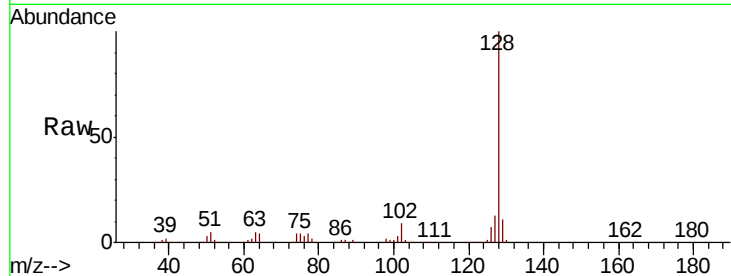
#31
Naphthalene
Concen: 37.367 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.2	11.0	16.4

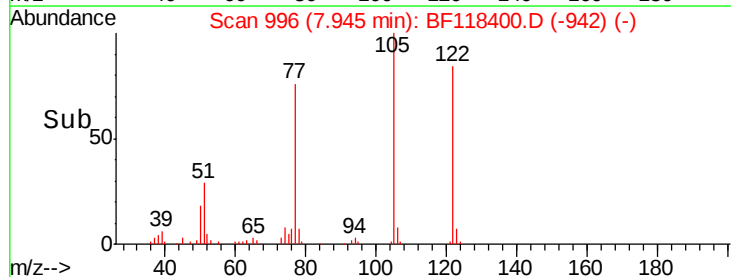
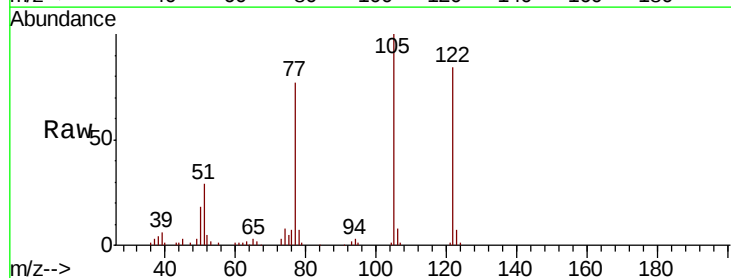
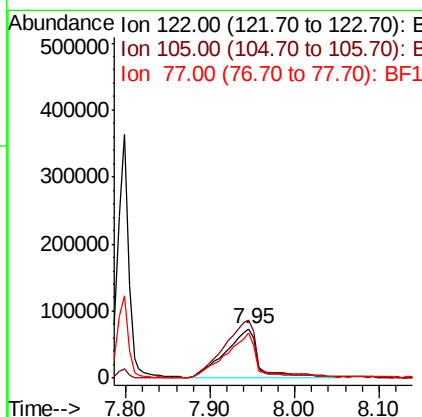
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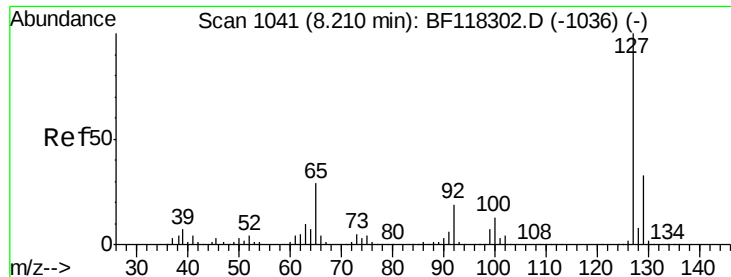
mohammad
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#32
Benzoic acid
Concen: 33.228 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	106.8	146.8
77	91.4	70.4	110.4





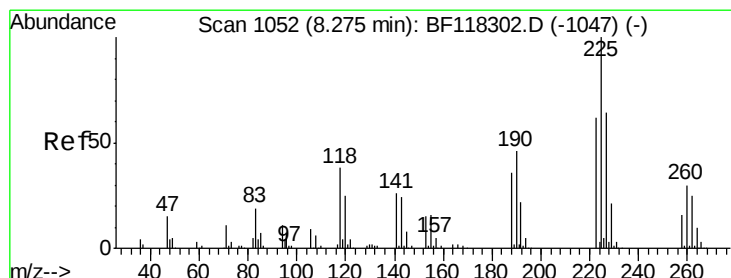
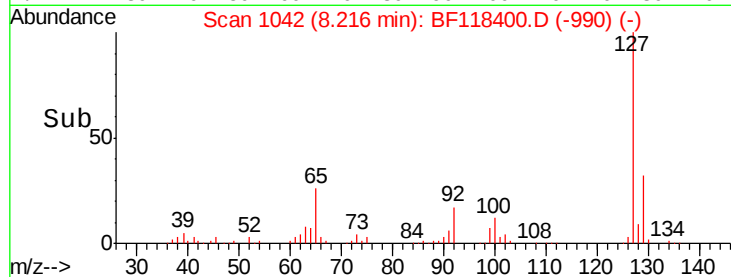
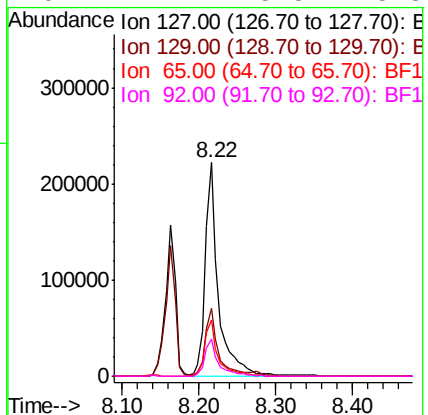
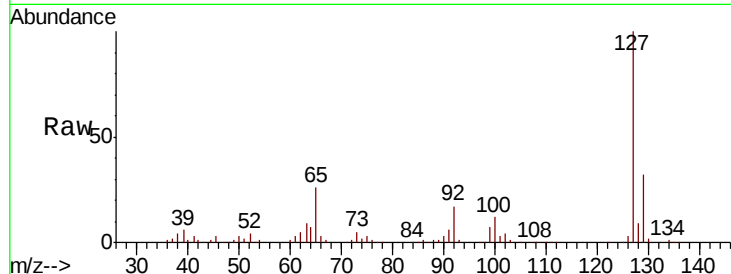
#33
4-Chloroaniline
Concen: 21.114 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		265687		
129	32.0	26.5	39.7		
65	26.4	22.8	34.2		
92	17.4	15.5	23.3		

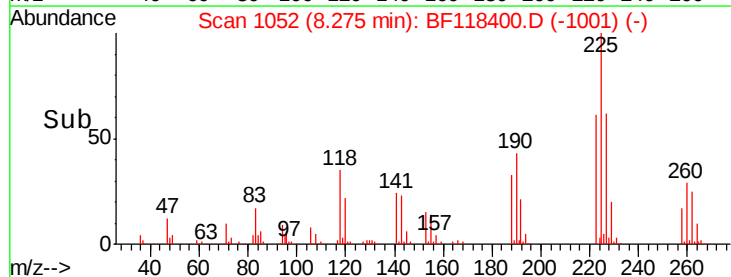
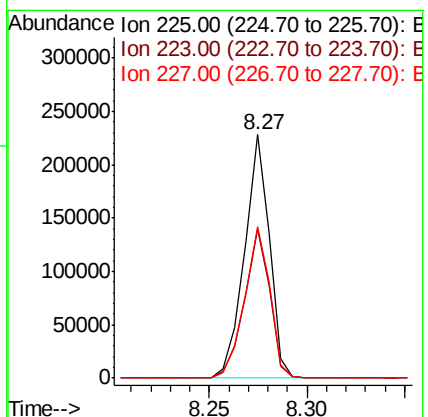
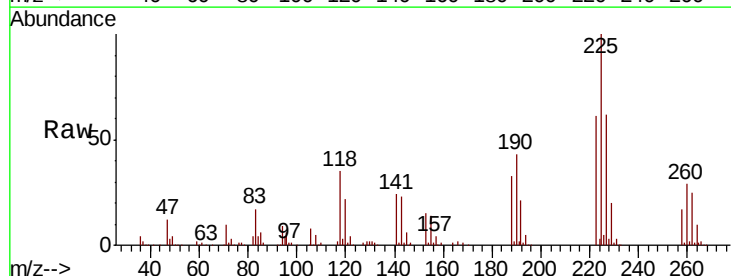
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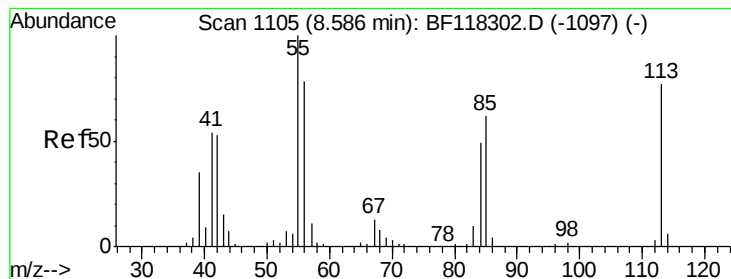
mohammad
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#34
Hexachlorobutadiene
Concen: 34.544 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		201527		
223	61.4	49.5	74.3		
227	62.1	51.0	76.4		





#35

Caprolactam

Concen: 39.701 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

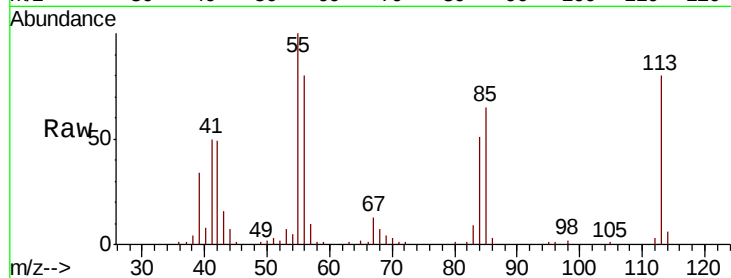
ClientSampleID :

PB125809BS

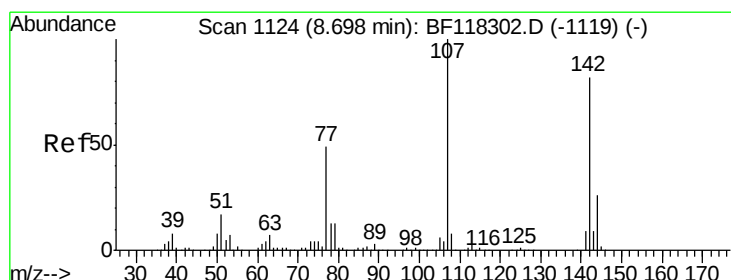
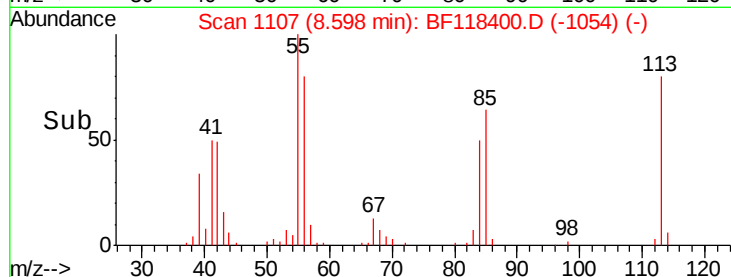
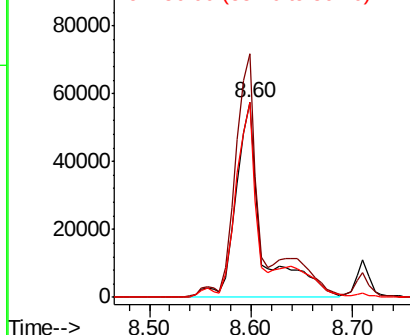
Tot Ion:	113	Resp:	104278
Ion Ratio	Lower	Upper	
113	100		
55	125.2	109.8	149.8
56	100.3	81.7	121.7

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



#36

4-Chloro-3-methylphenol

Concen: 36.916 ng/mL

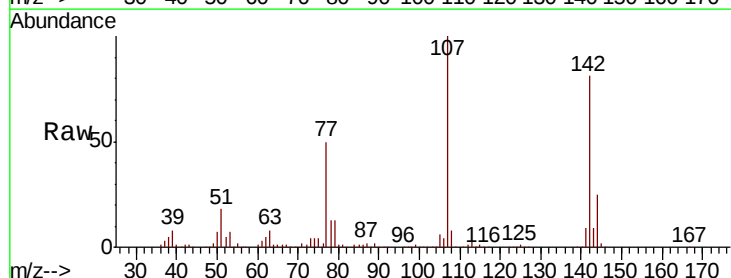
RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

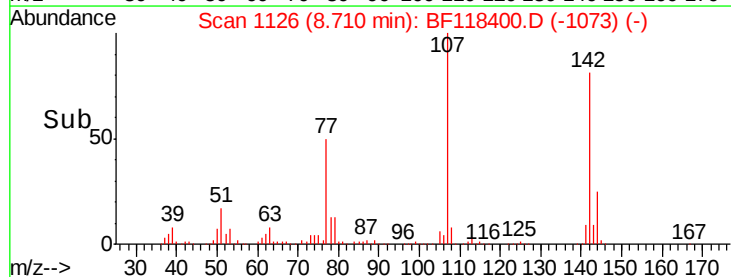
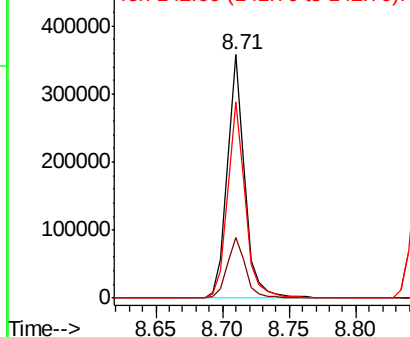
Lab File: BF118400.D

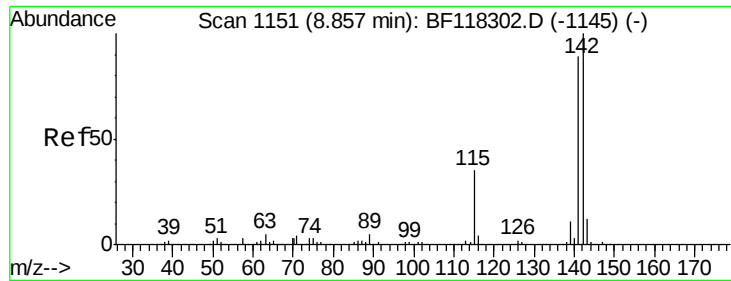
Acq: 31 Dec 2019 12:42

Tgt Ion:	107	Resp:	333454
Ion Ratio	Lower	Upper	
107	100		
144	25.1	21.2	31.8
142	80.8	65.4	98.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





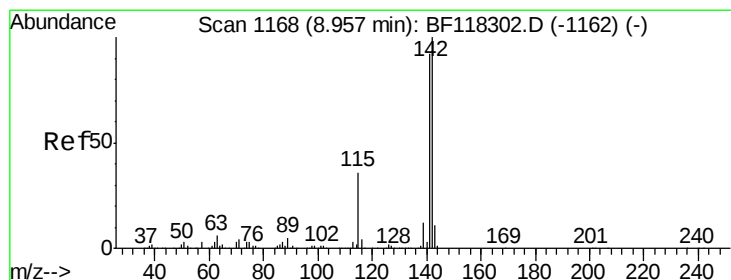
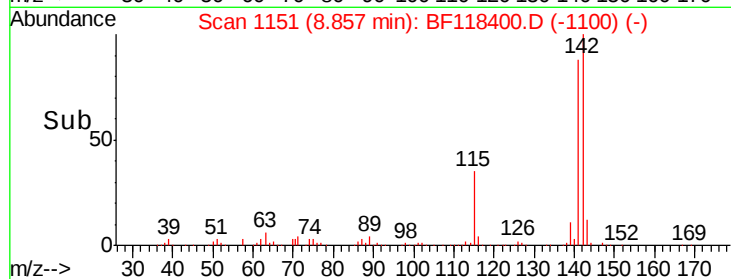
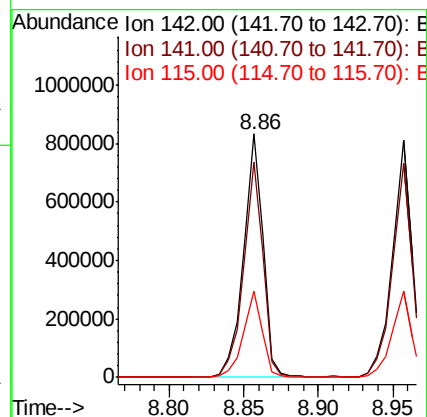
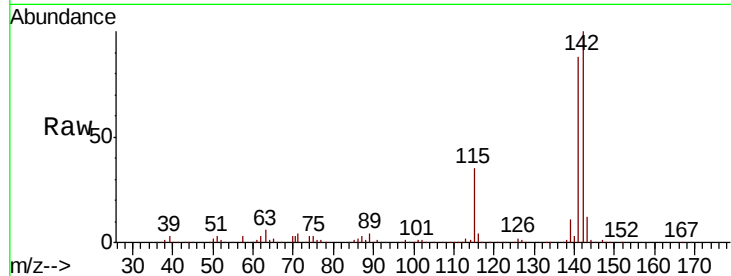
#37
2-Methylnaphthalene
Concen: 37.967 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8
115	35.1	28.0	42.0

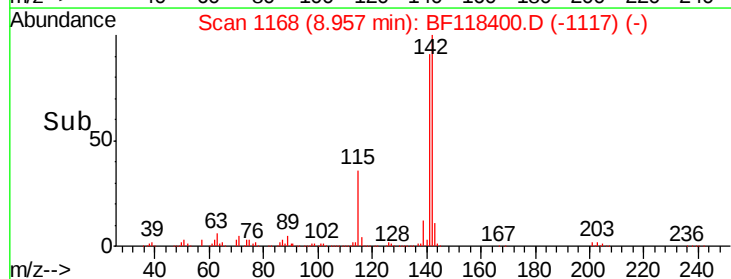
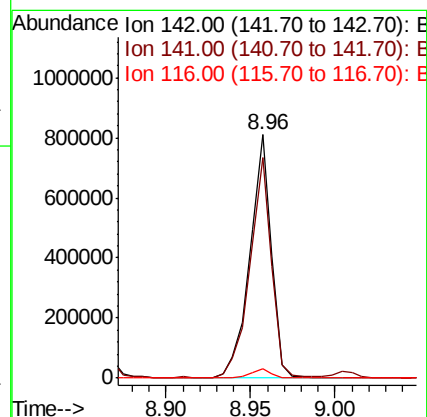
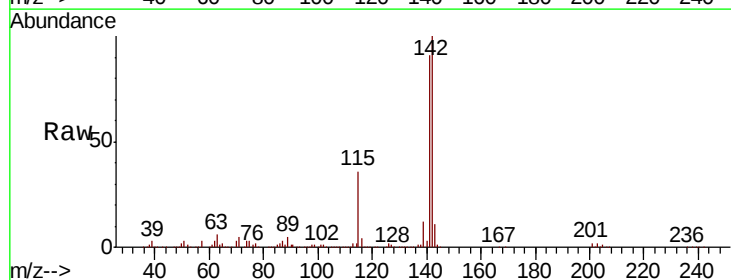
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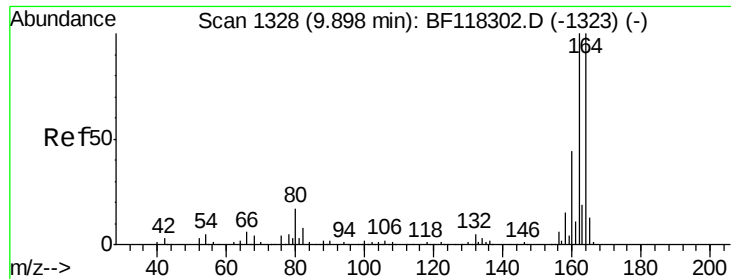
mohammad
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#38
1-Methylnaphthalene
Concen: 37.860 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.4	110.2
116	3.8	2.9	4.3





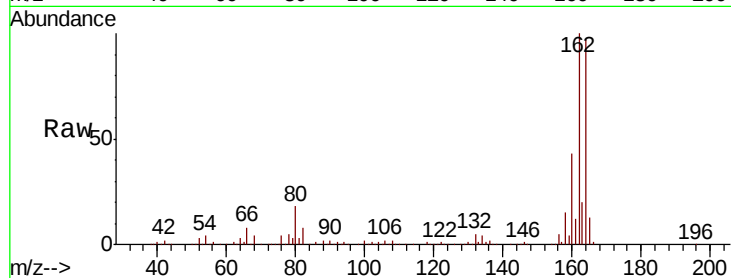
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	80.0	120.0	
160	44.4	34.8	52.2	

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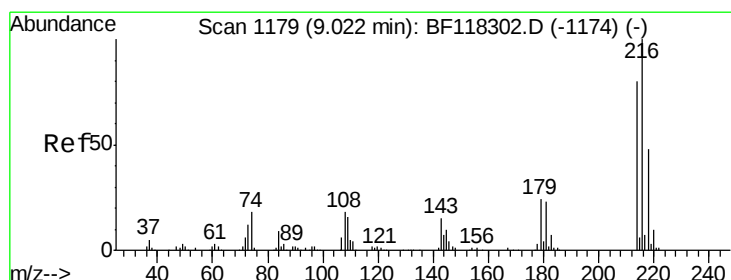
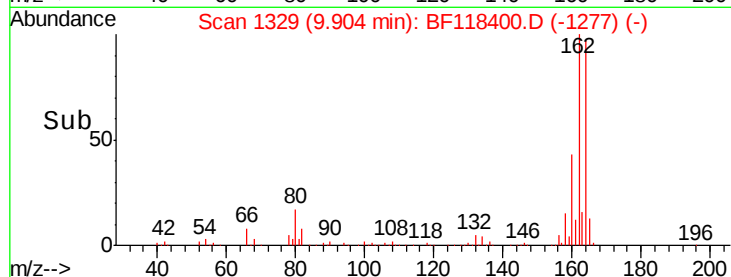
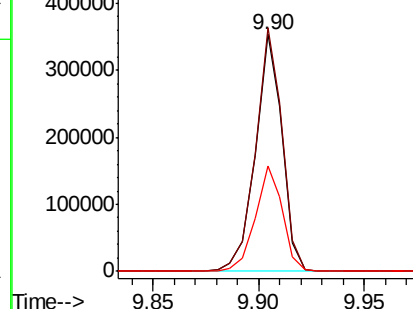


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.332 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	63.3	94.9	
179	23.1	18.9	28.3	
108	19.2	15.0	22.6	

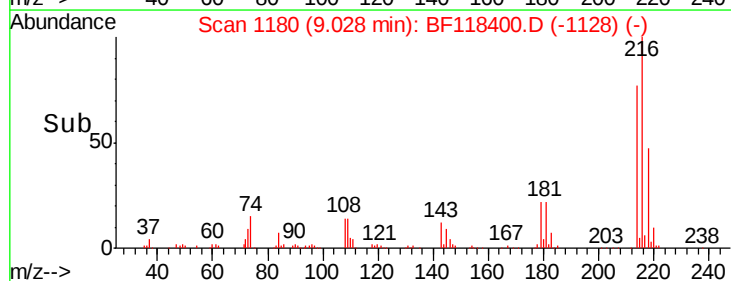
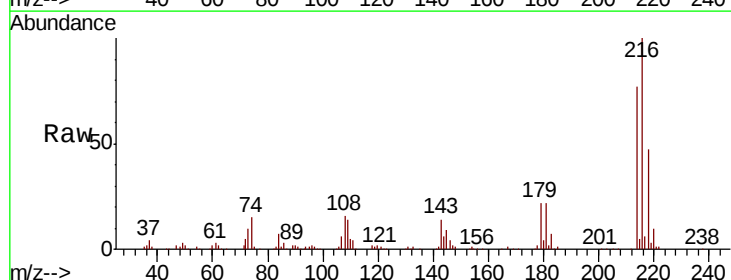
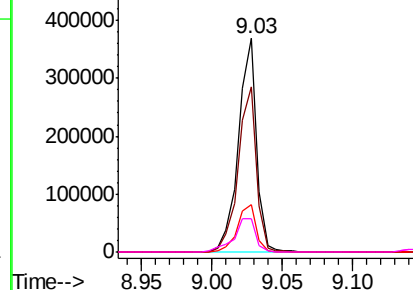
Abundance

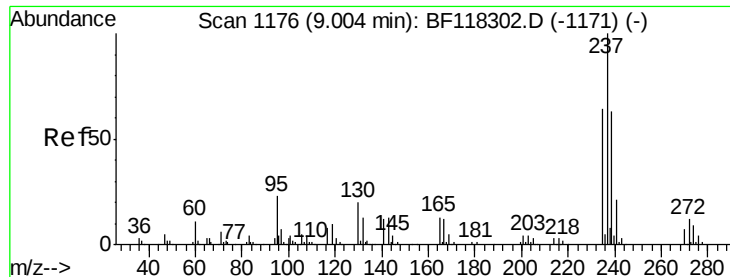
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.910 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

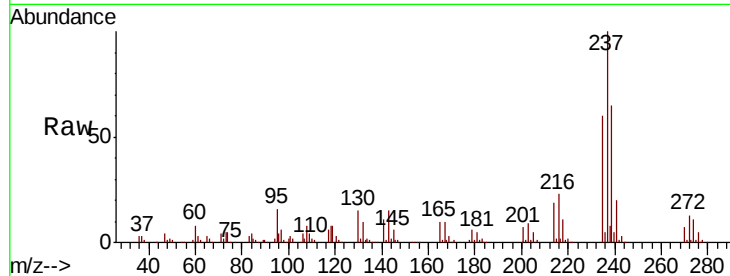
ClientSampleId :

PB125809BS

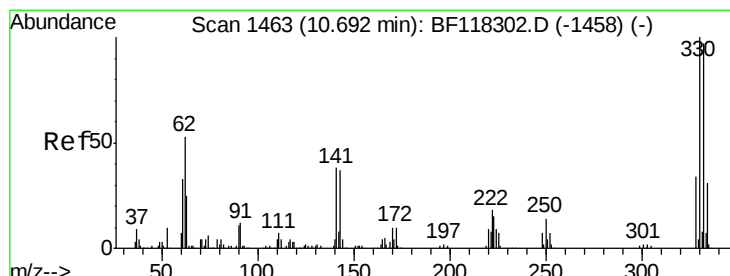
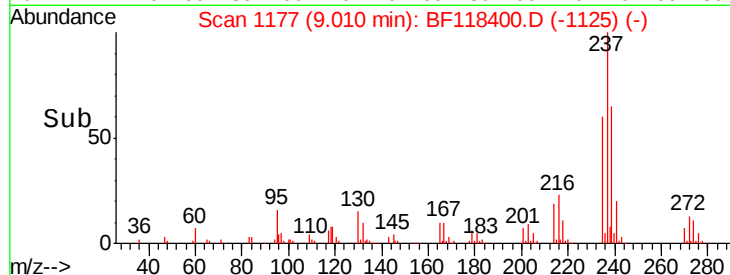
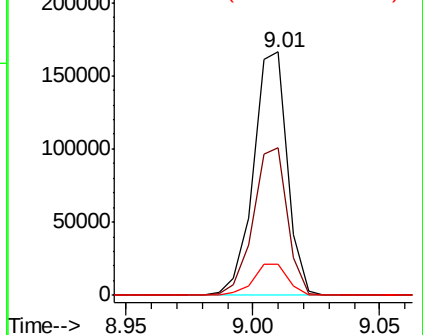
Tot Ion:	237	Resp:	154278
Ion Ratio	Lower	Upper	
237	100		
235	60.4	43.8	83.8
272	12.8	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.056 ng

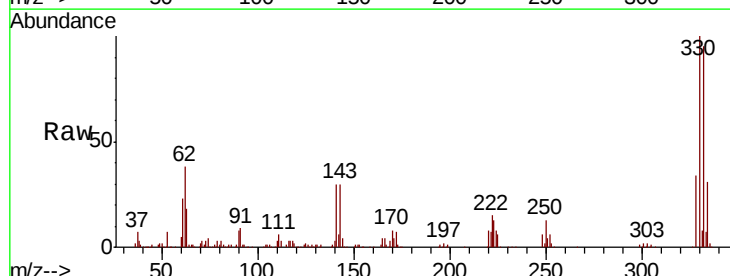
RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

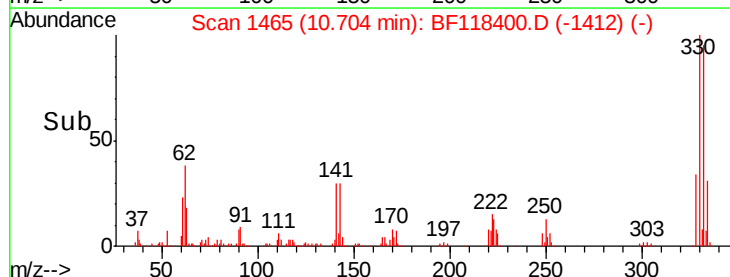
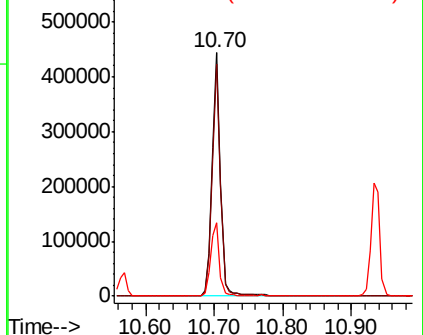
Lab File: BF118400.D

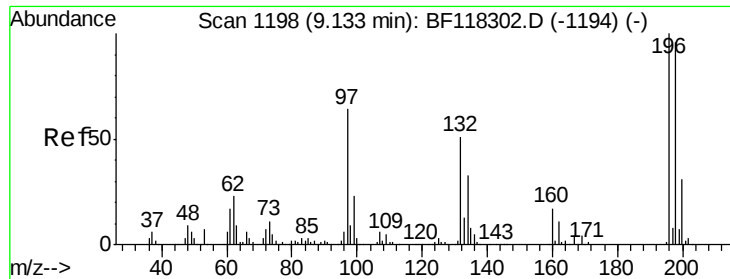
Acq: 31 Dec 2019 12:42

Tgt Ion:	330	Resp:	383257
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.6	114.8
141	31.7	26.0	39.0



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





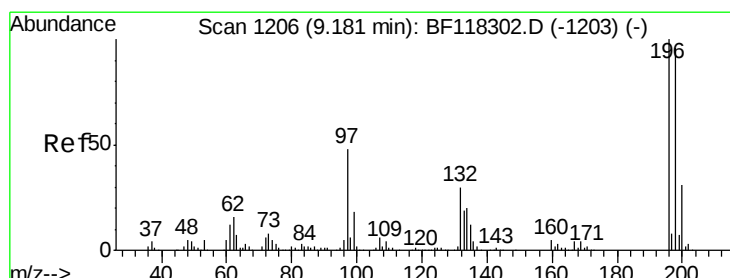
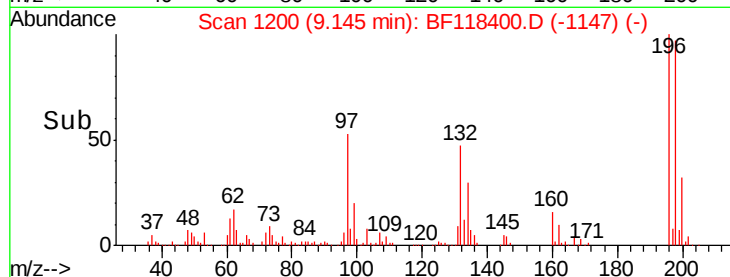
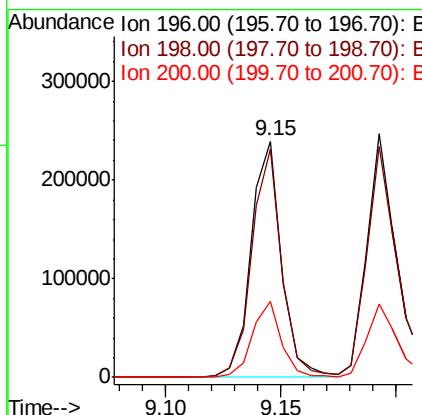
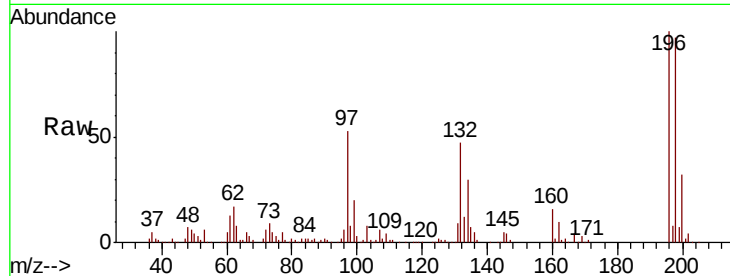
#43
 2,4,6-Trichlorophenol
 Concen: 35.560 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	221398		
198	96.5	76.7	115.1	
200	32.3	24.8	37.2	

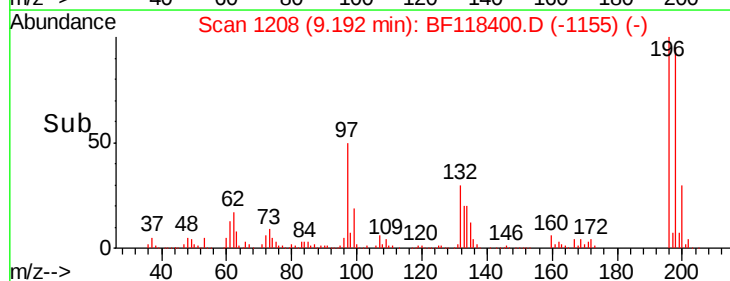
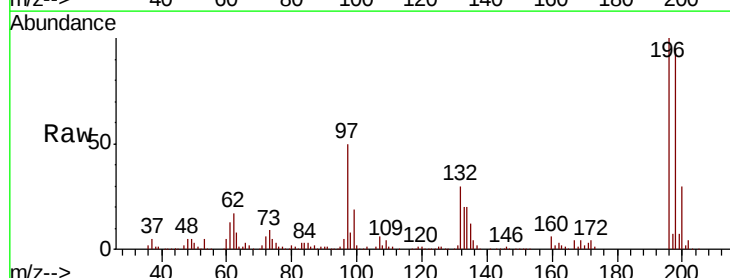
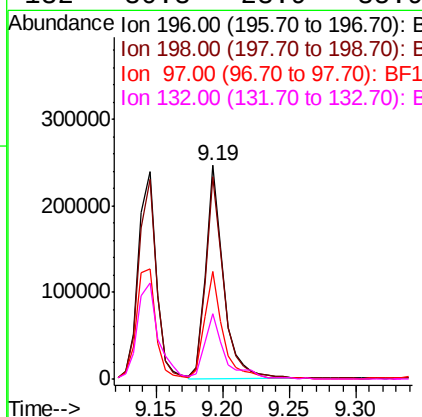
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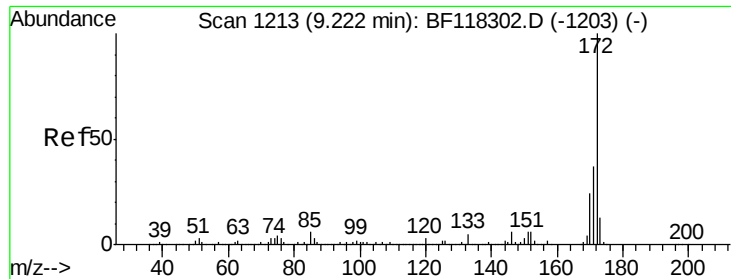
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 36.312 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232568		
198	94.8	77.0	115.4	
97	50.2	38.9	58.3	
132	30.3	23.9	35.9	





#45

2-Fluorobiphenyl

Concen: 71.536 ng

RT: 9.22 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

ClientSampleId :

PB125809BS

Tot Ion:172 Resp: 1453603

Ion Ratio Lower Upper

172 100

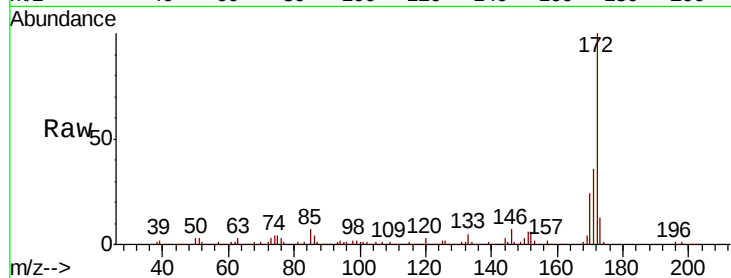
171 36.3 29.3 43.9

170 24.0 19.2 28.8

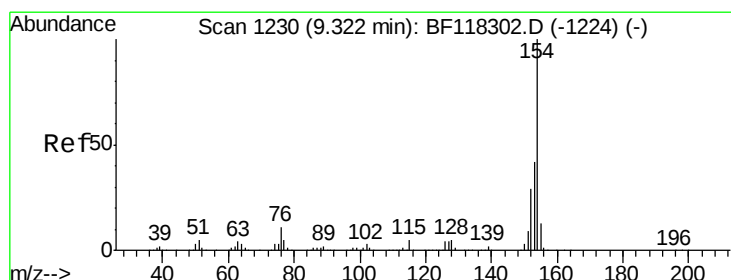
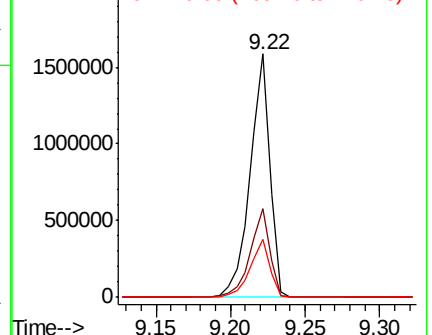
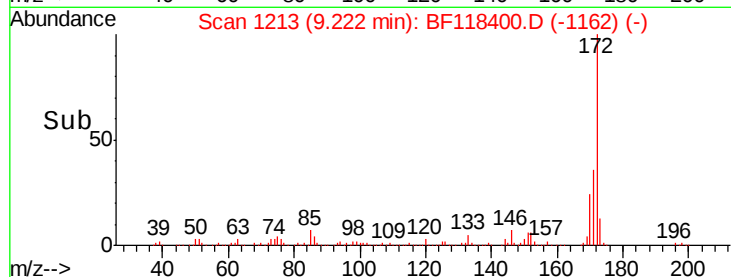
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.455 ng

RT: 9.32 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

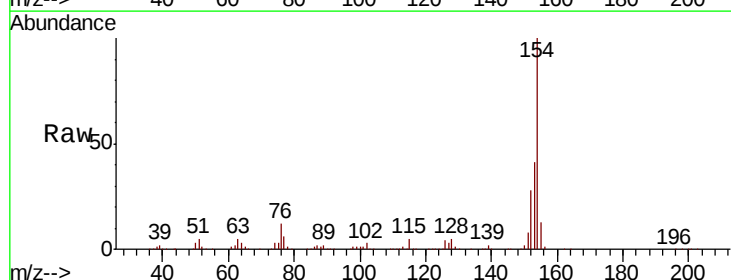
Tgt Ion:154 Resp: 894357

Ion Ratio Lower Upper

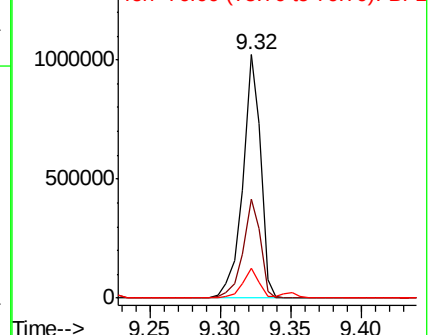
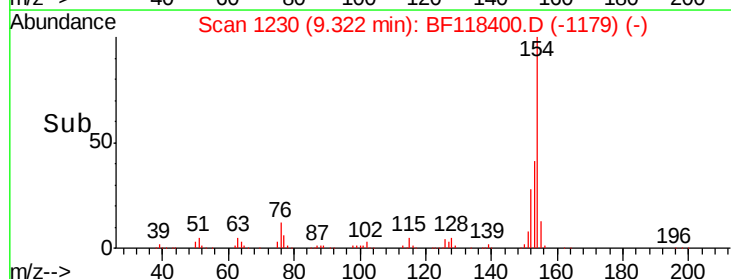
154 100

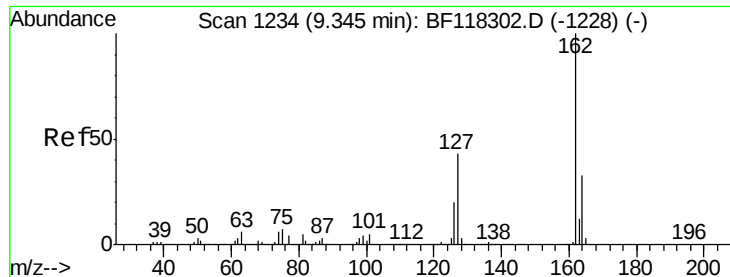
153 40.5 21.8 61.8

76 12.4 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





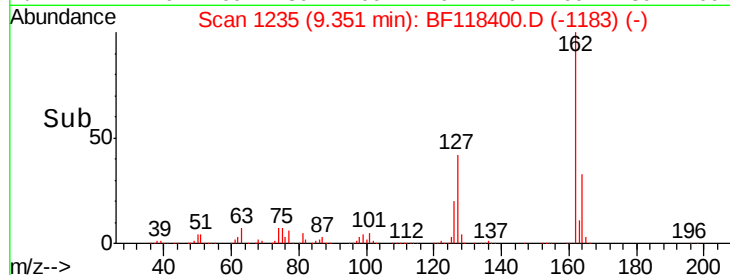
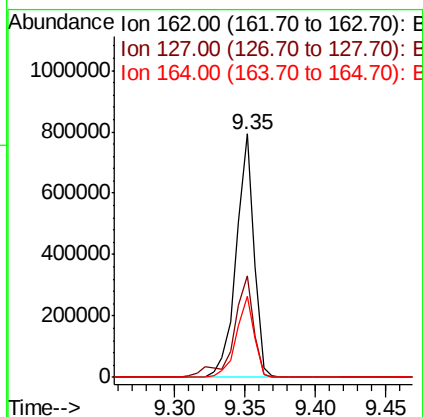
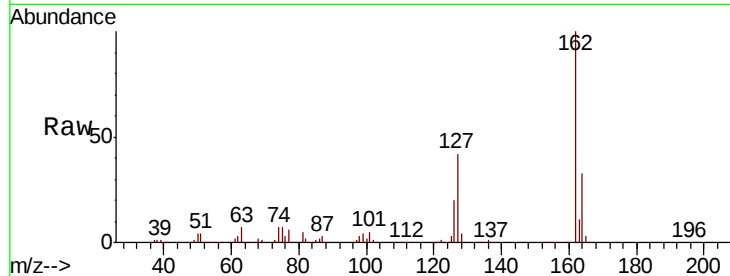
#47
2-Chloronaphthalene
Concen: 35.192 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	694862		
127	41.8	35.0	52.4	
164	33.3	26.6	40.0	

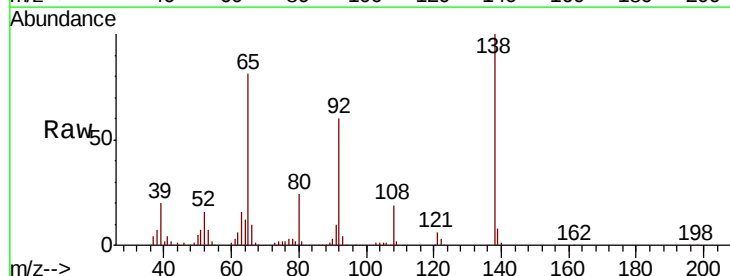
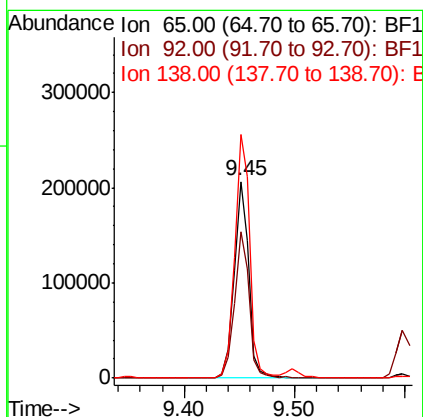
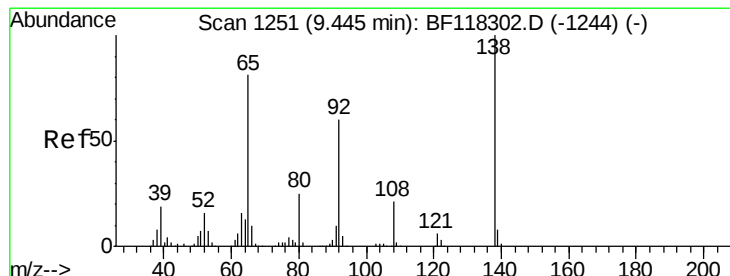
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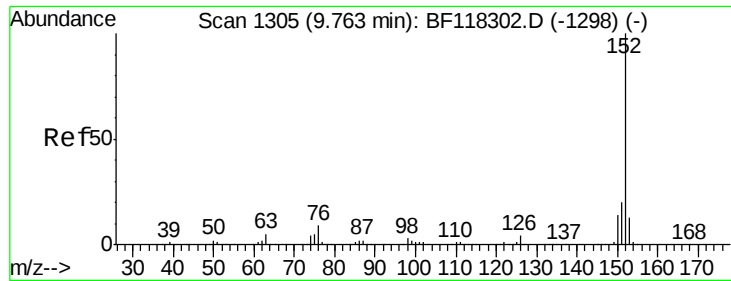
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#48
2-Nitroaniline
Concen: 34.430 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	192021		
92	74.7	58.7	88.1	
138	124.1	98.5	147.7	





#49

Acenaphthylene

Concen: 37.514 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

ClientSampleId :

PB125809BS

Tot Ion:152 Resp: 1098563

Ion Ratio Lower Upper

152 100

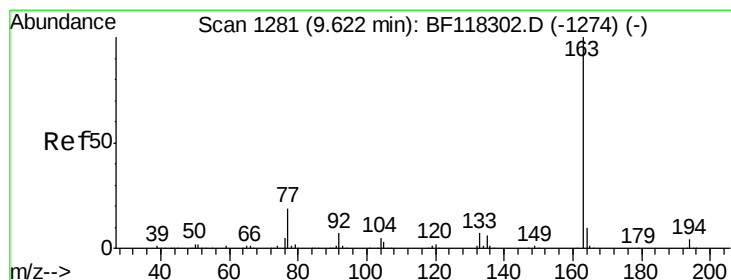
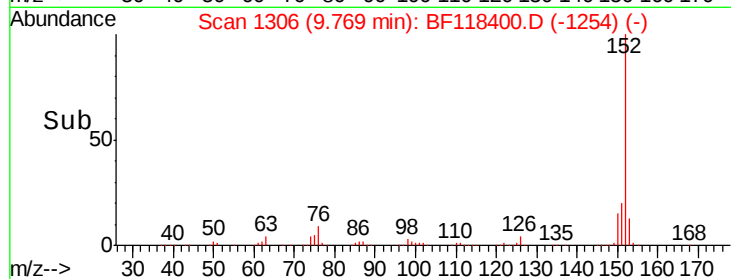
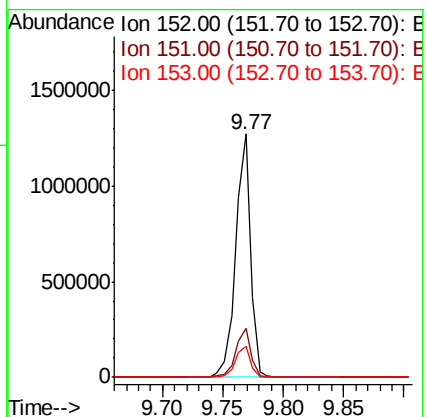
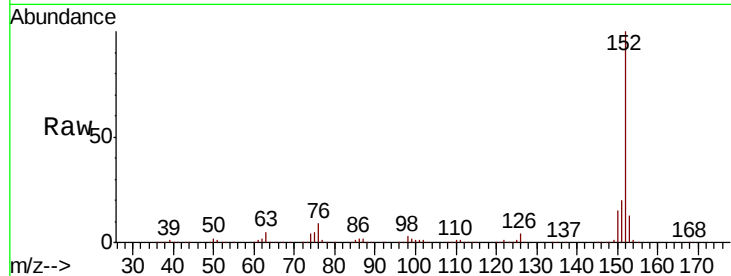
151 20.4 16.2 24.2

153 13.0 10.5 15.7

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#50

Dimethylphthalate

Concen: 35.865 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

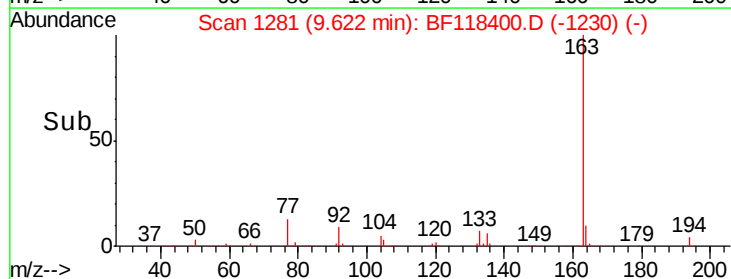
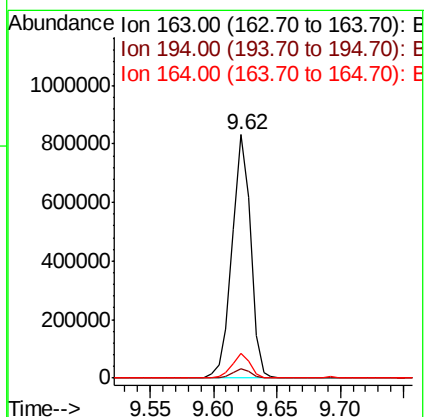
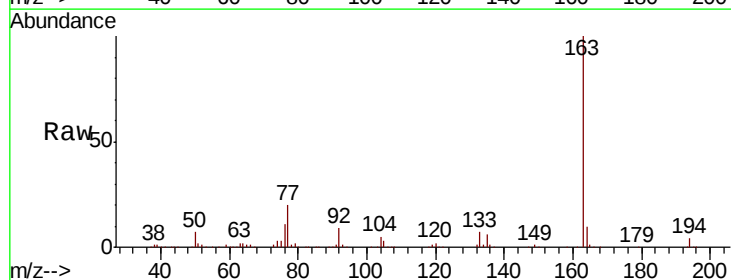
Tgt Ion:163 Resp: 835035

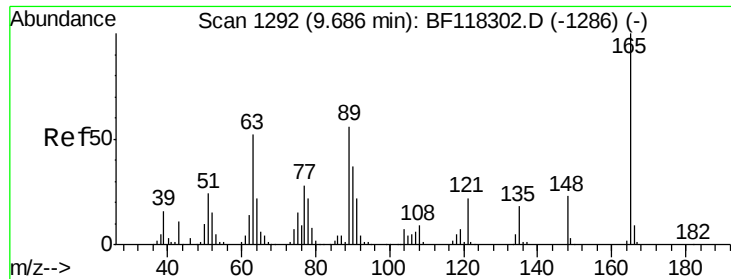
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.3 7.9 11.9





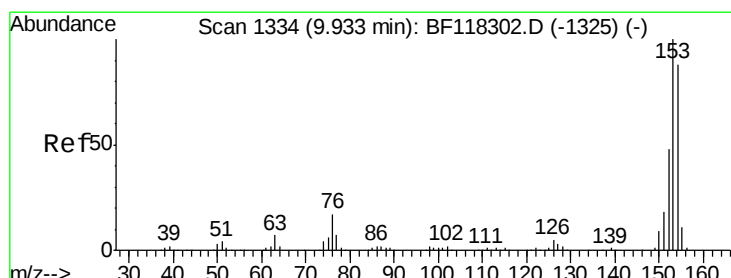
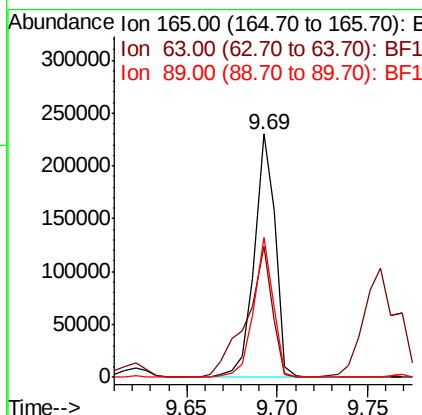
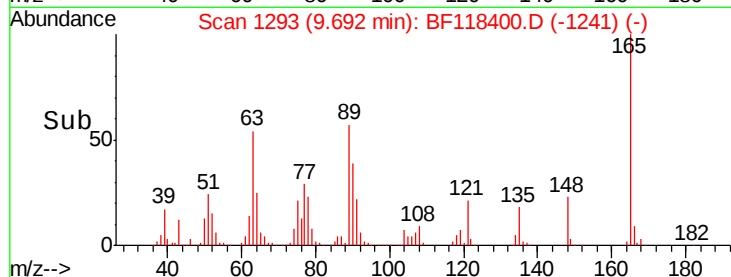
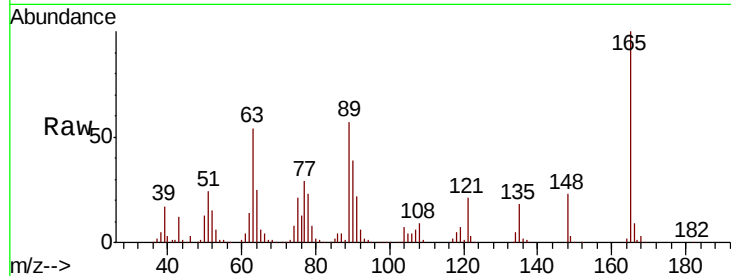
#51
2,6-Dinitrotoluene
Concen: 36.793 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.6	42.2	63.4
89	57.5	44.4	66.6

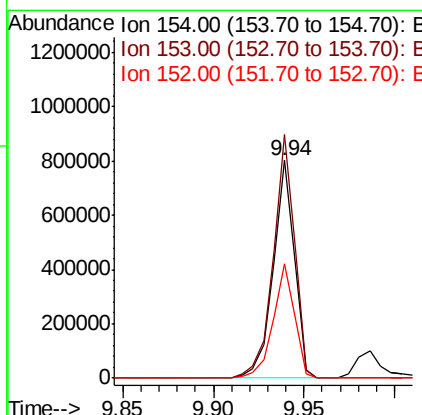
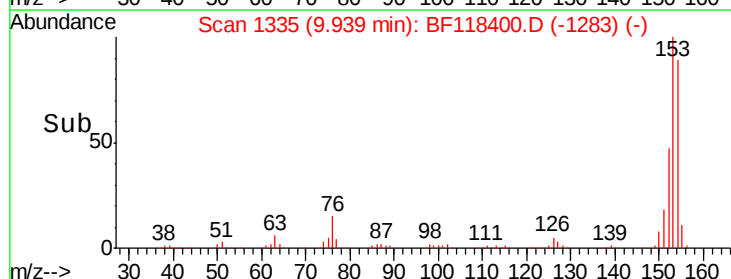
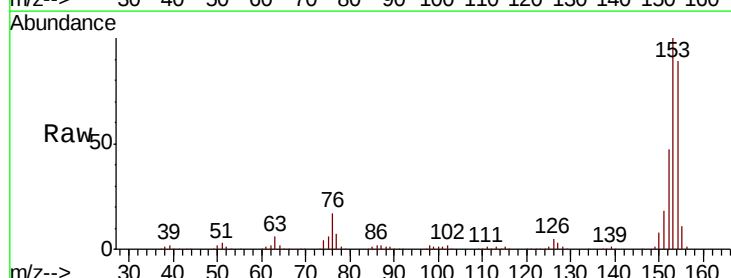
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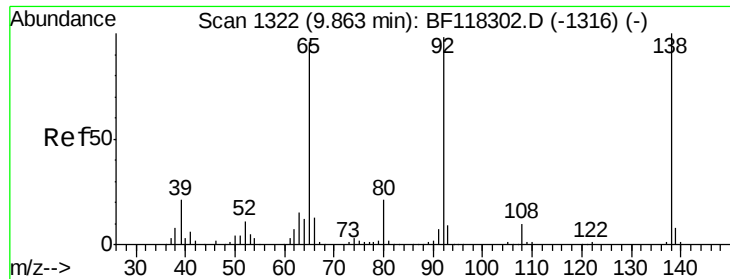
mohammad
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#52
Acenaphthene
Concen: 36.405 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.6	136.0
152	52.7	43.1	64.7





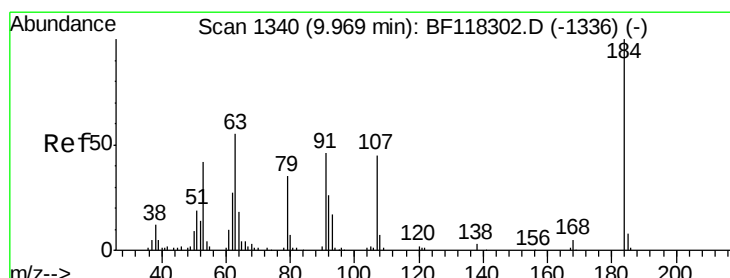
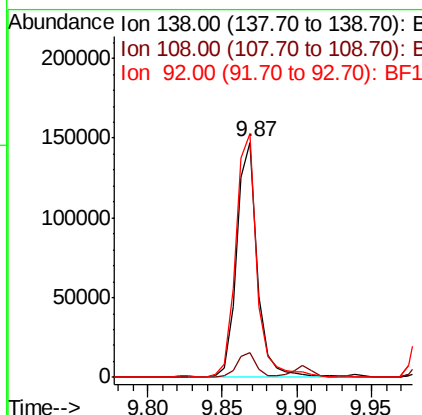
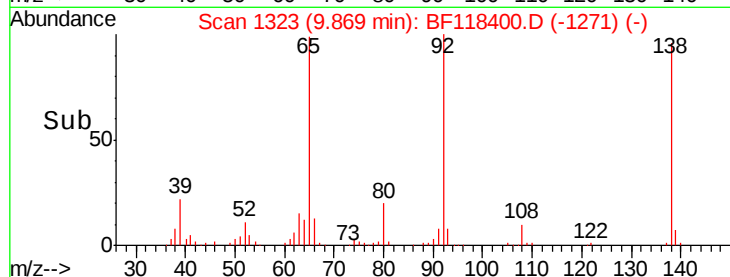
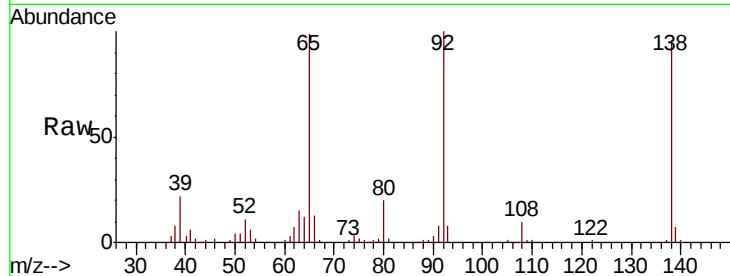
#53
3-Nitroaniline
Concen: 24.323 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	103.7	78.2	117.2

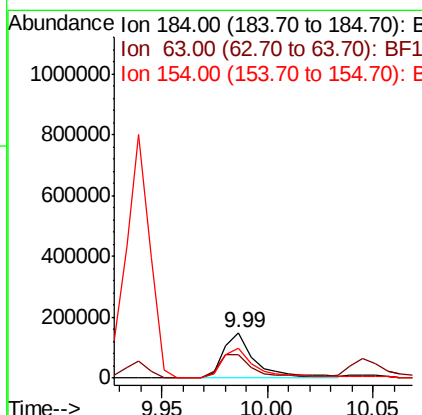
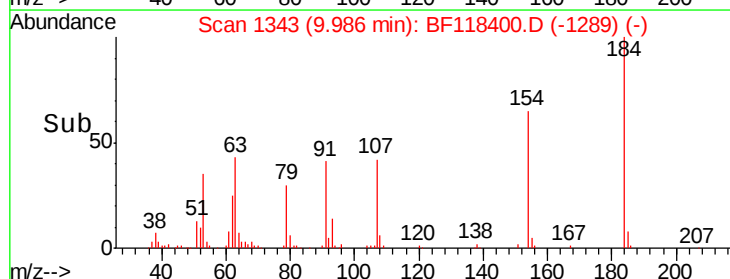
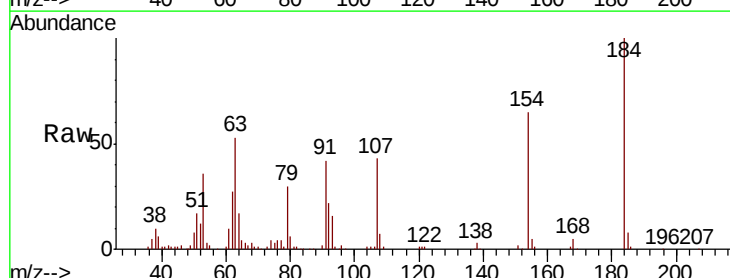
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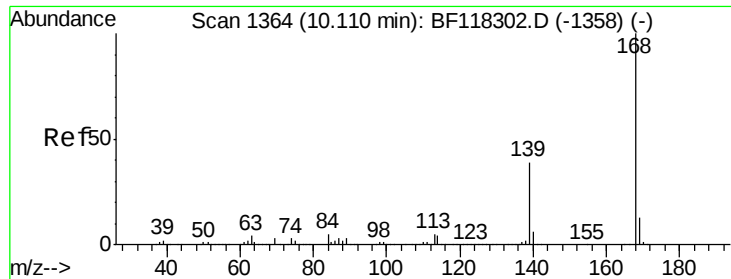
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#54
2,4-Dinitrophenol
Concen: 64.147 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.5	48.8	73.2
154	65.4	55.0	82.4





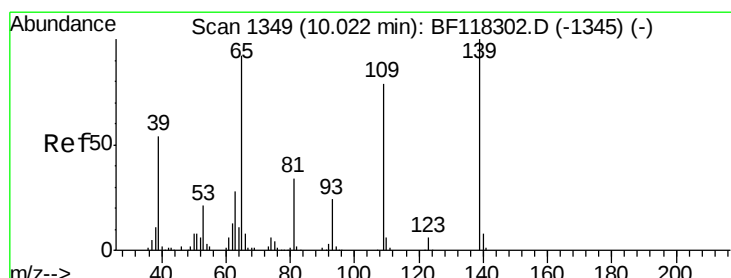
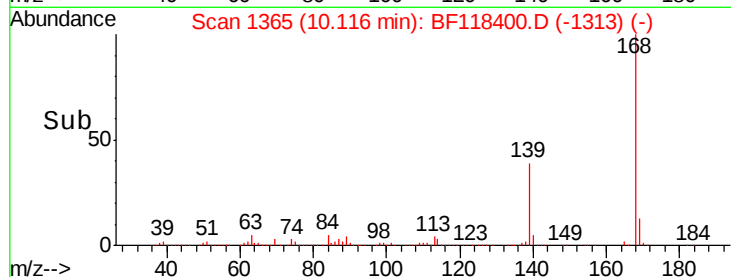
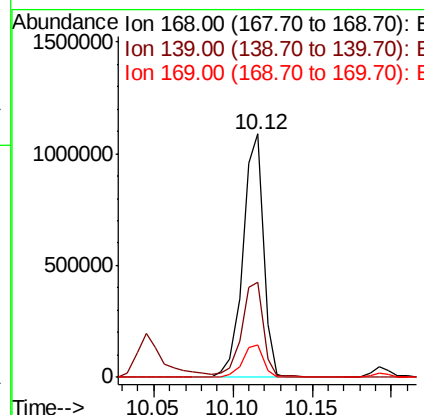
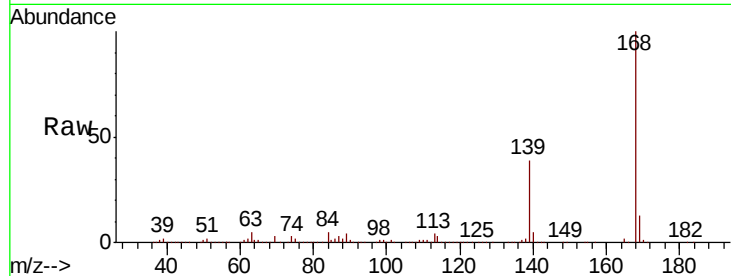
#55
Dibenzofuran
Concen: 36.996 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	975073		
139	39.0		31.5	47.3
169	13.1		10.4	15.6

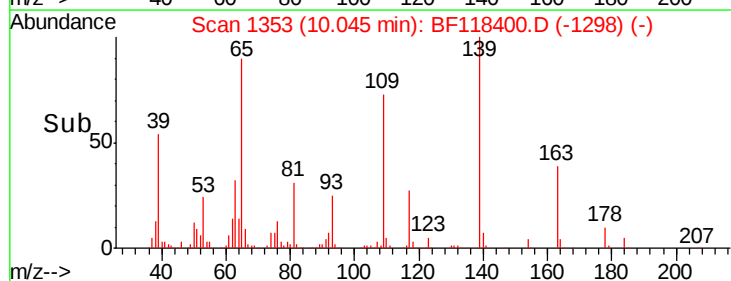
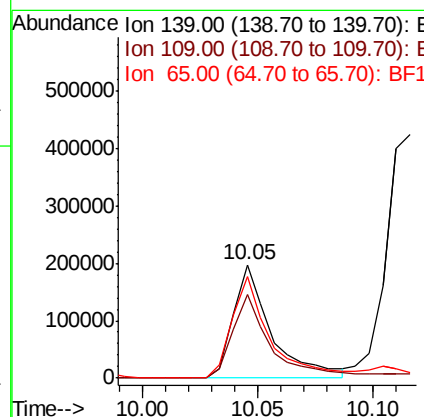
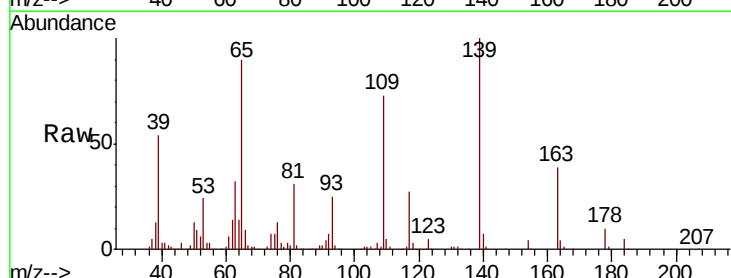
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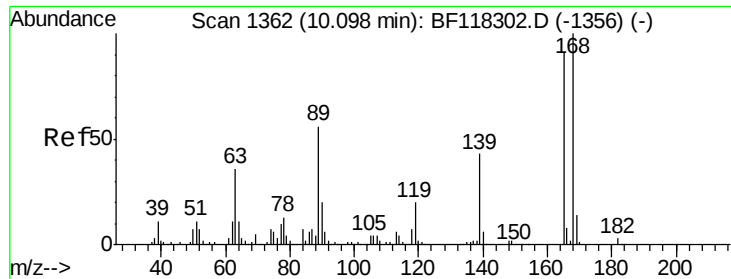
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#56
4-Nitrophenol
Concen: 62.235 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	226352		
109	73.5		59.3	99.3
65	89.7		72.4	112.4





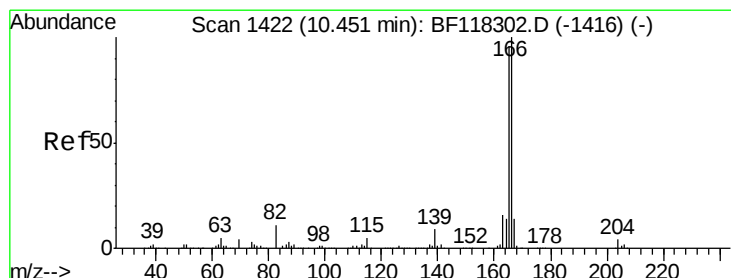
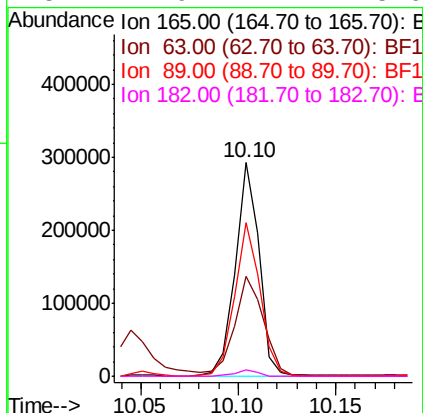
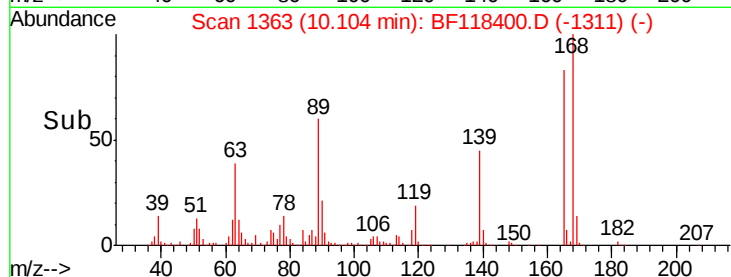
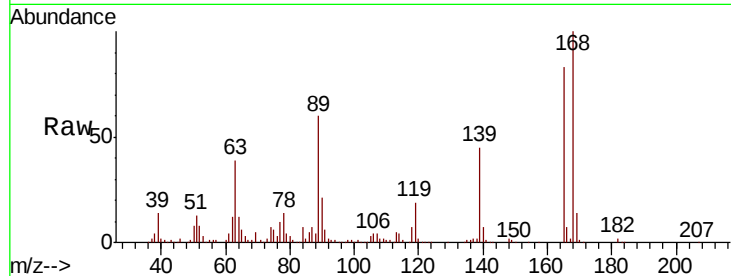
#57
2,4-Dinitrotoluene
Concen: 36.838 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247083		
63	46.5	32.0	48.0	
89	71.8	49.3	73.9	
182	2.9	2.4	3.6	

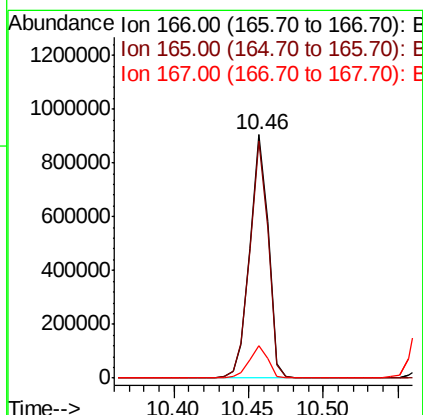
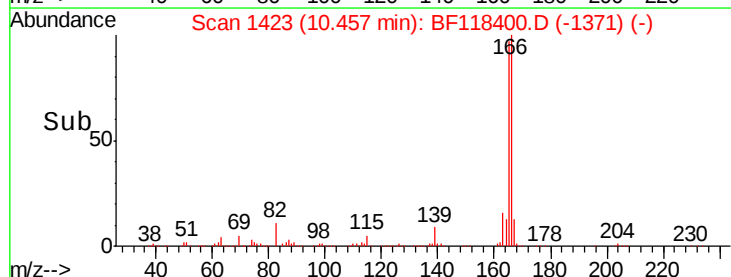
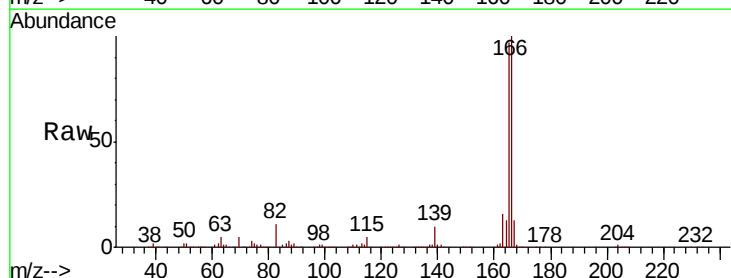
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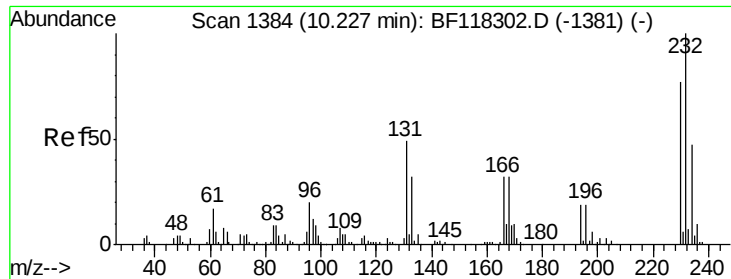
mohammad
1/2/2020 11:49:39 AM



#58
Fluorene
Concen: 36.426 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	775001		
165	97.3	77.0	115.4	
167	13.1	10.9	16.3	





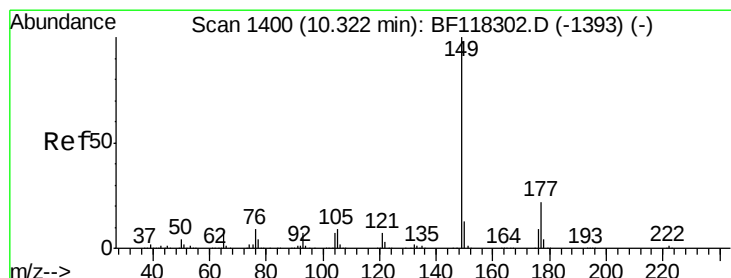
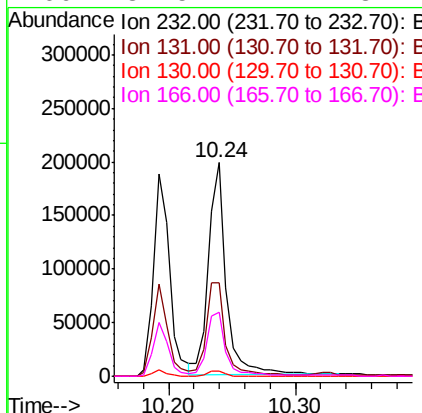
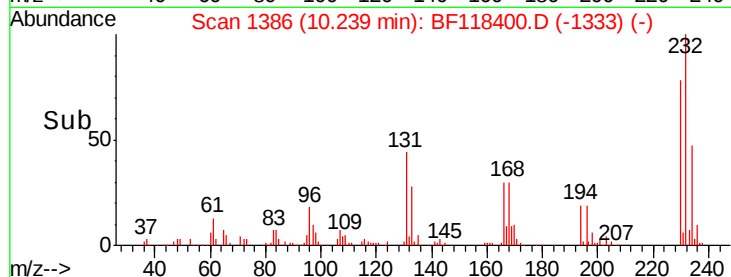
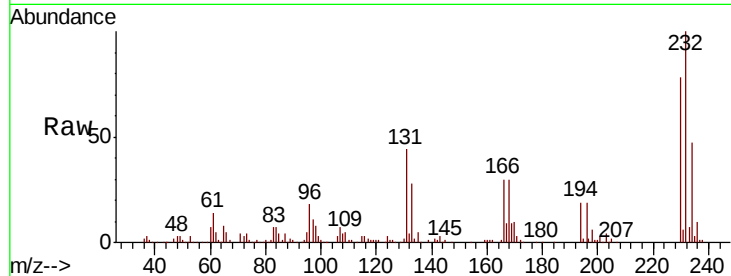
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.055 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.2	37.7	56.5
130	2.4	2.0	3.0
166	31.5	24.7	37.1

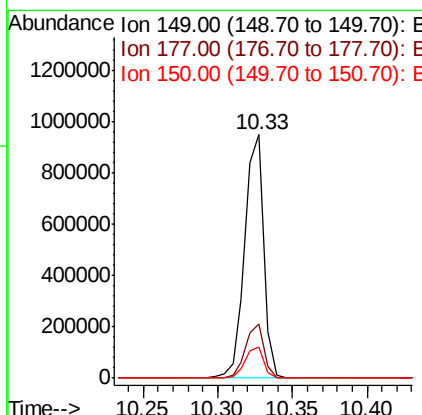
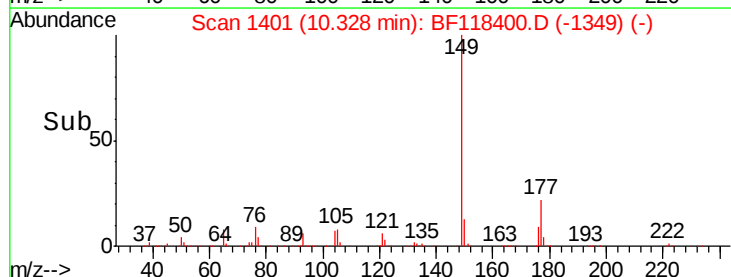
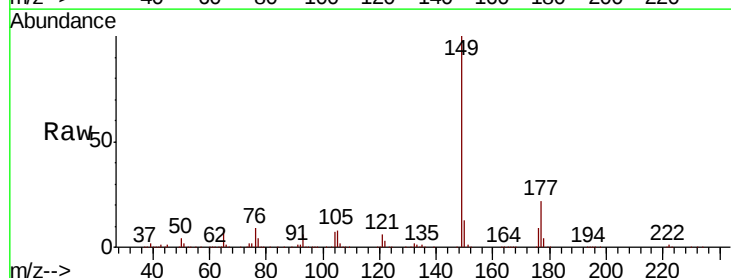
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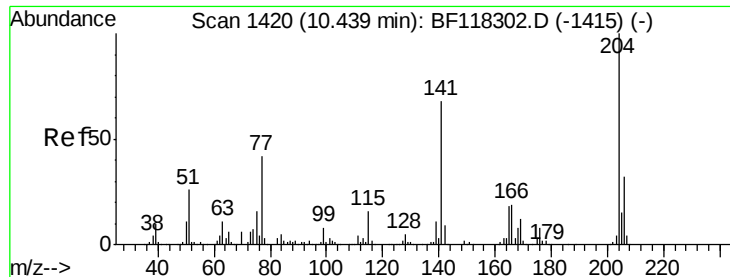
mohammad
 1/2/2020 11:49:39 AM



#60
 Diethylphthalate
 Concen: 36.408 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.9	26.9
150	12.5	10.2	15.2





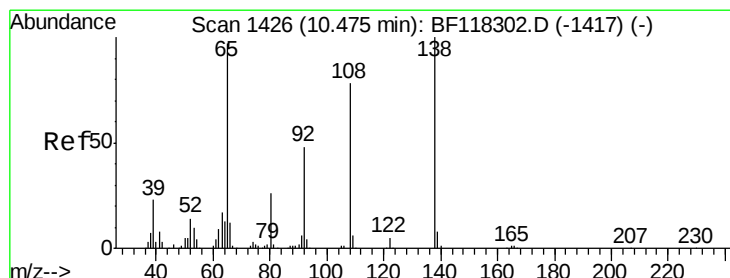
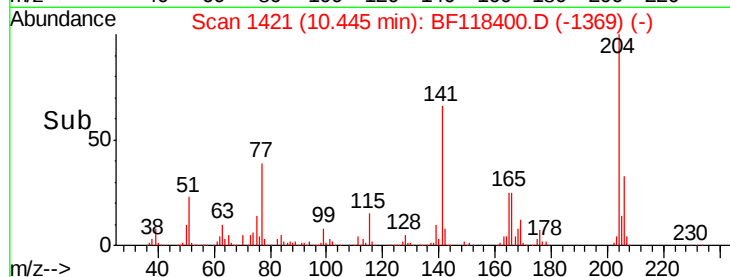
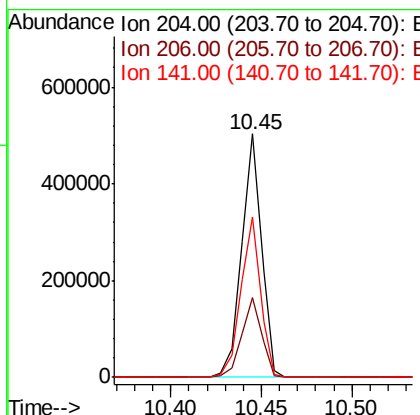
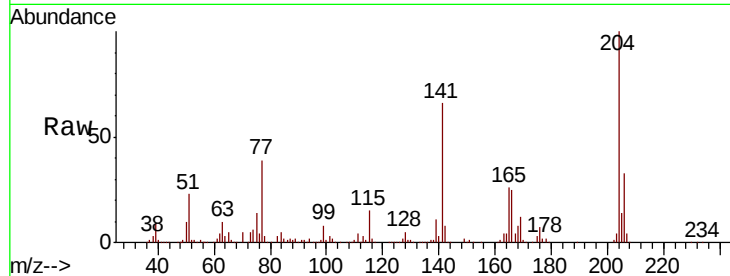
#61
4-Chlorophenyl-phenylether
Concen: 36.135 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.8
141	66.1	54.2	81.4

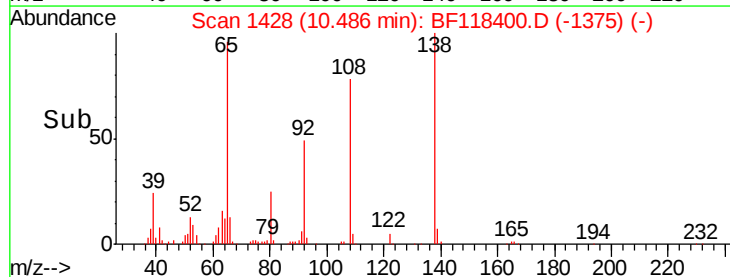
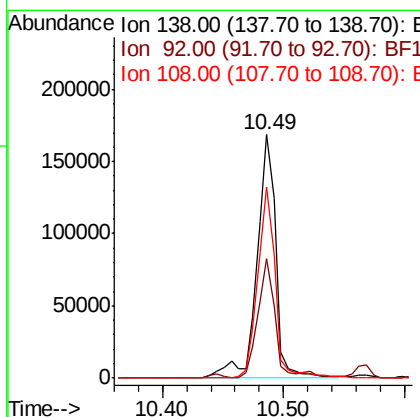
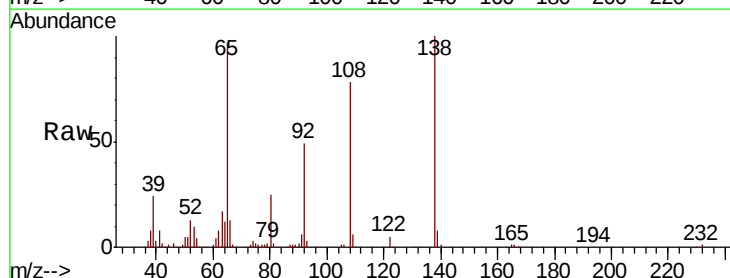
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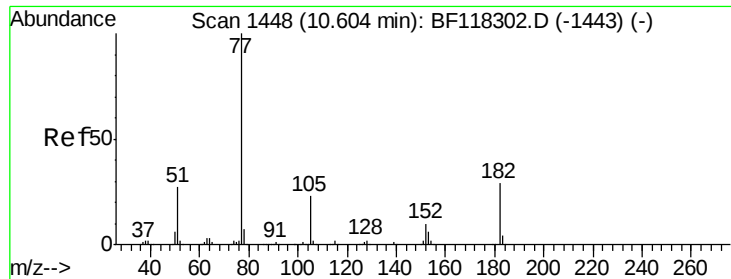
mohammad
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#62
4-Nitroaniline
Concen: 30.162 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	27.9	67.9
108	78.5	58.1	98.1





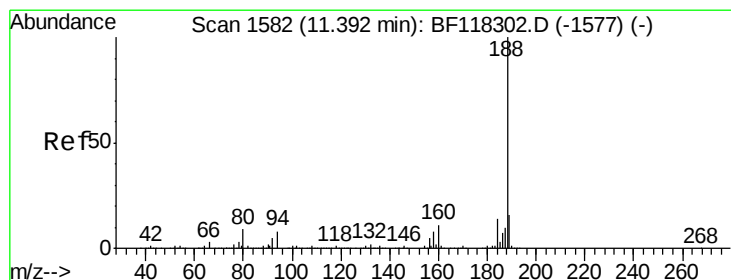
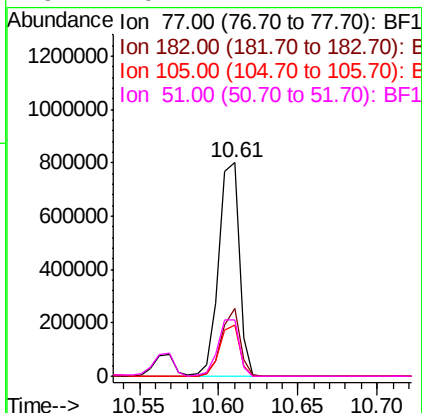
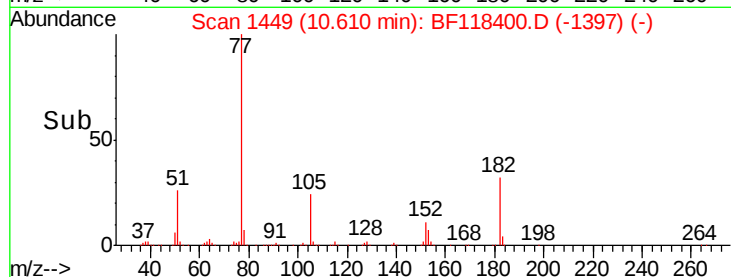
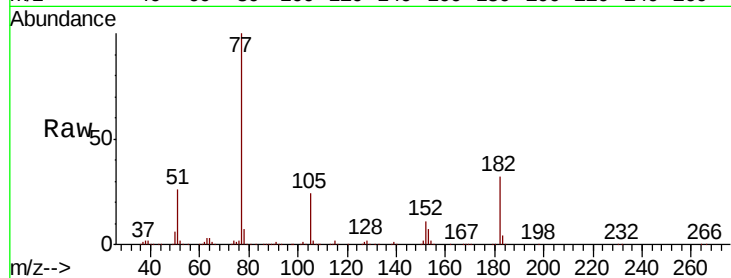
#63
Azobenzene
Concen: 36.728 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	9.2	49.2
105	23.7	3.2	43.2
51	26.2	7.1	47.1

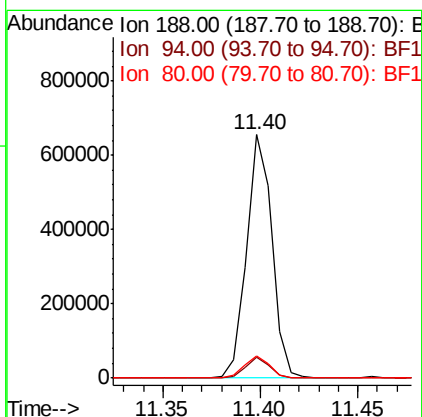
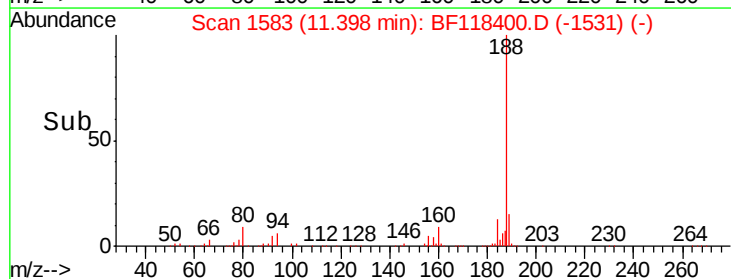
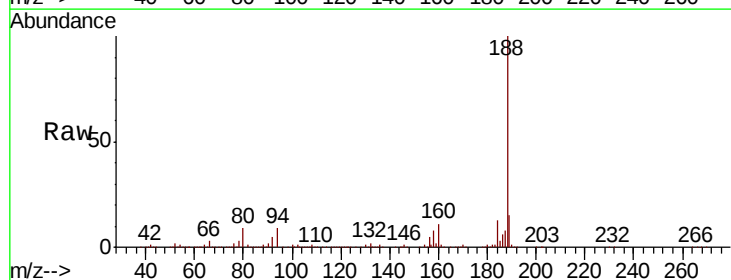
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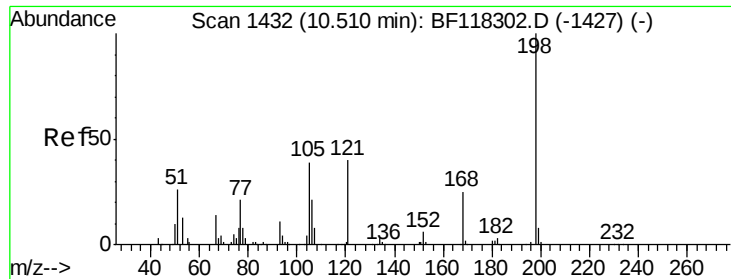
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.7	10.1
80	9.3	7.2	10.8





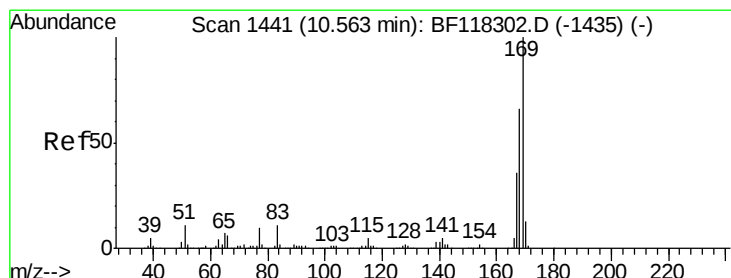
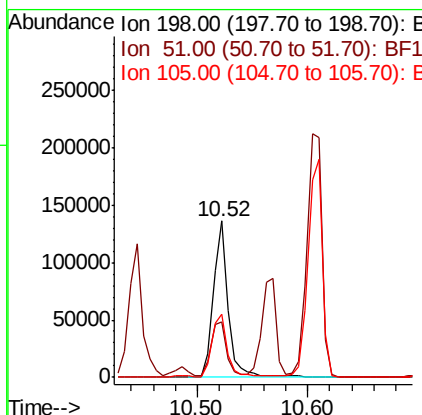
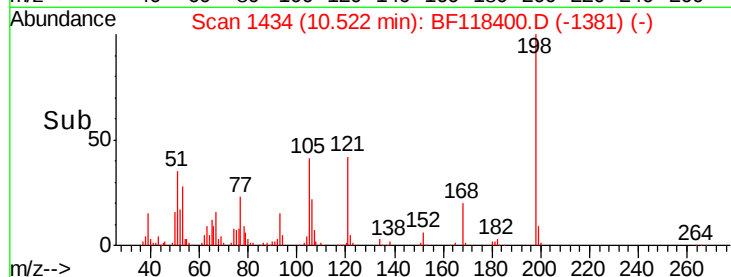
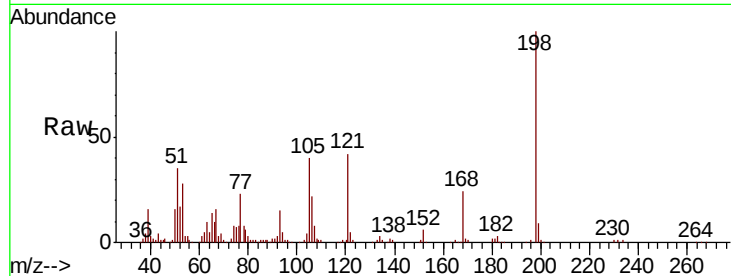
#65
4,6-Dinitro-2-methylphenol
Concen: 39.152 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampled :
PB125809BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.2	12.8	52.8
105	40.3	20.3	60.3

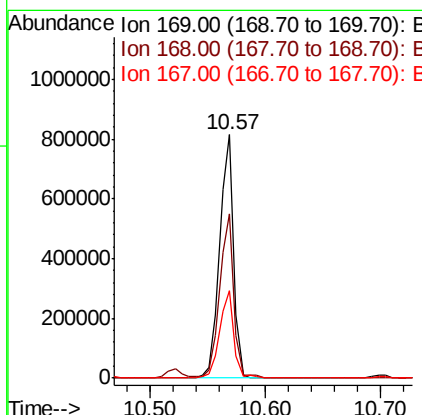
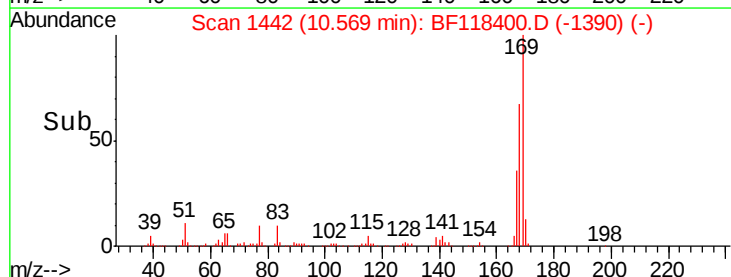
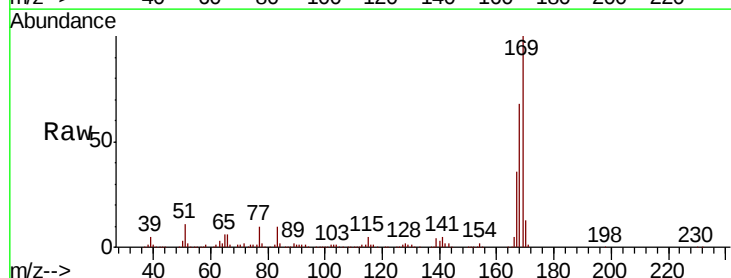
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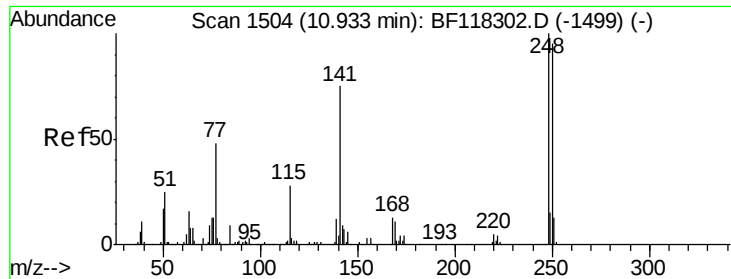
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 36.226 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	52.6	79.0
167	36.1	28.4	42.6





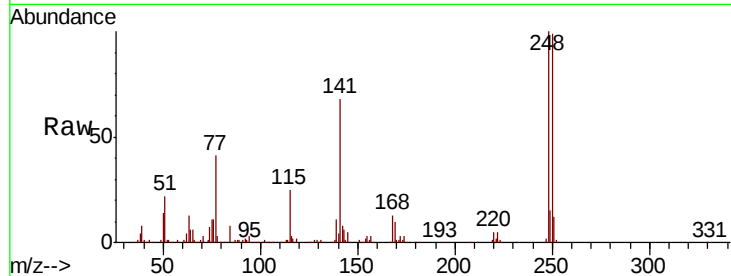
#67
4-Bromophenyl-phenylether
Concen: 34.476 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.4	114.6
141	67.9	60.2	90.2

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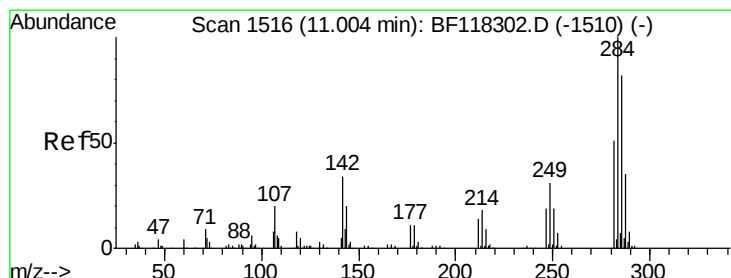
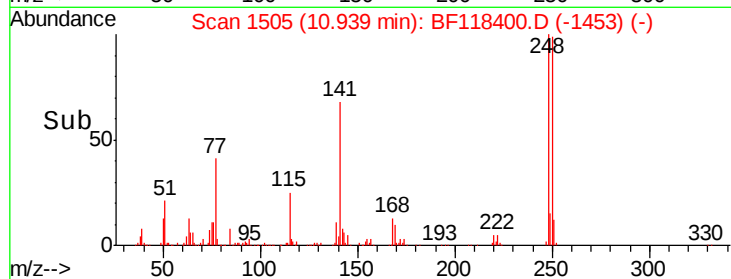
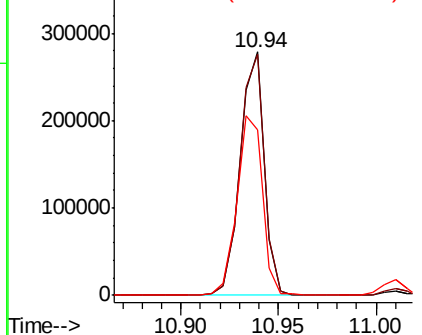


Abundance

Ion 248.00 (247.70 to 248.70): E

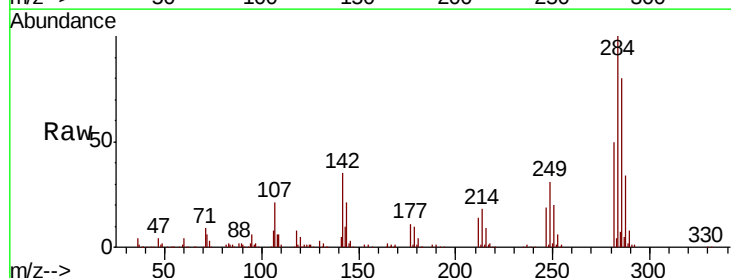
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.249 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.3	40.9
249	30.6	25.0	37.6

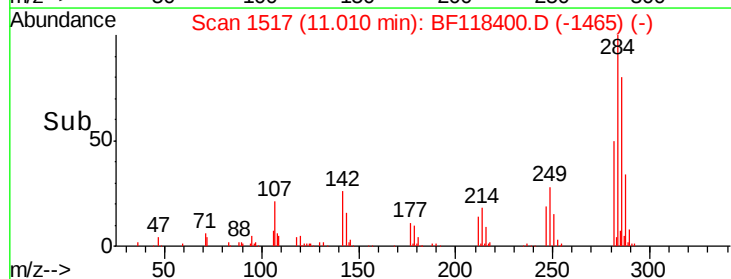
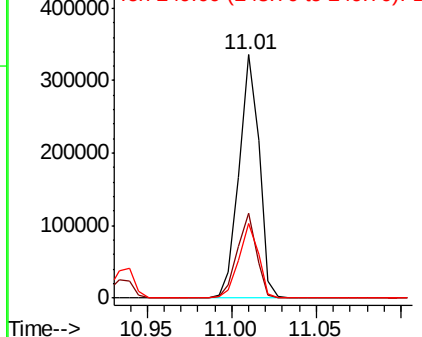


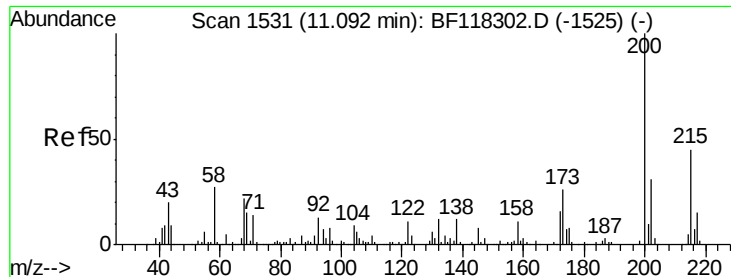
Abundance

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





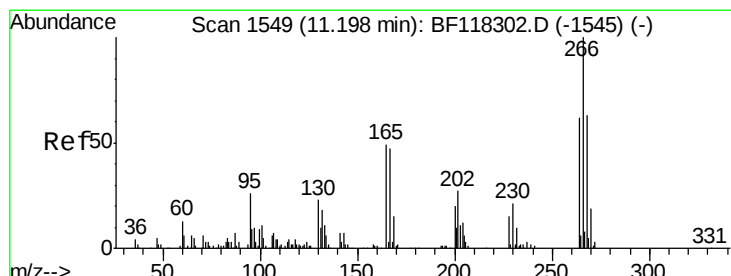
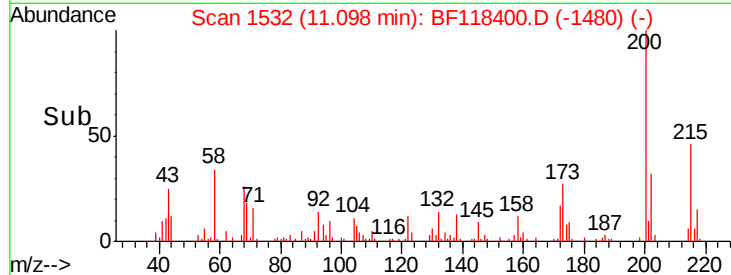
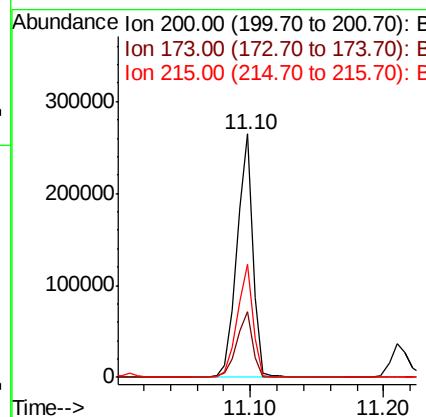
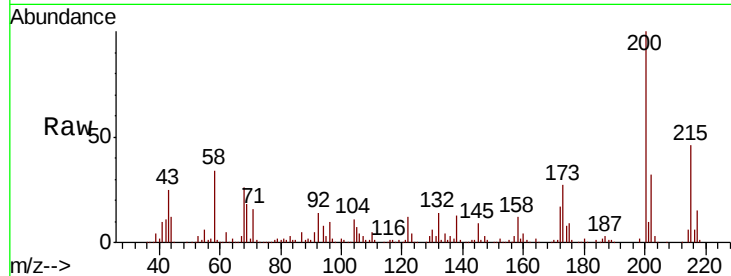
#69
Atrazine
Concen: 38.404 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	5.8	45.8
215	46.3	25.1	65.1

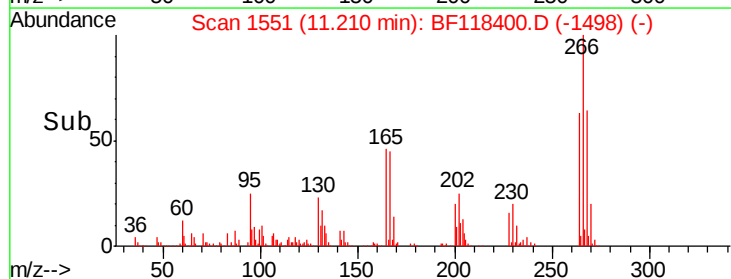
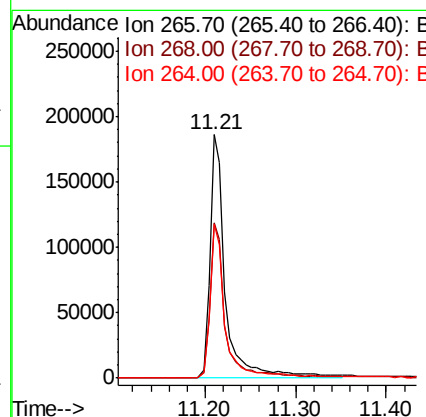
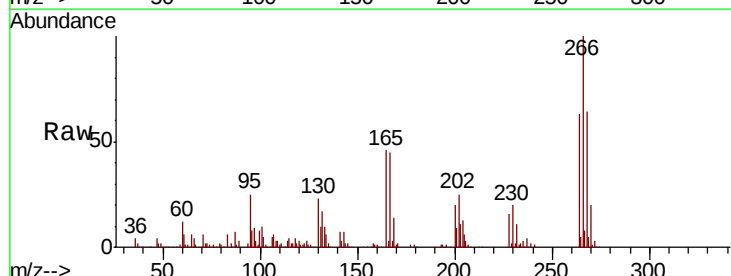
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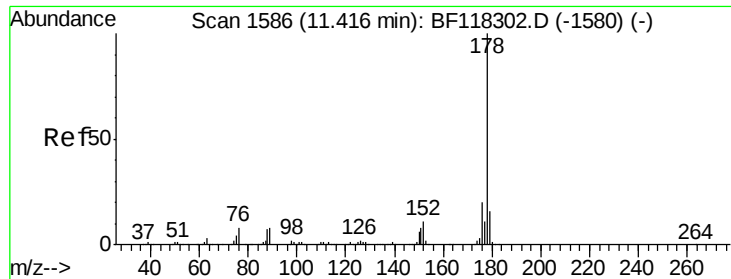
mohammad
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#70
Pentachlorophenol
Concen: 63.875 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.0	50.6	76.0
264	63.1	49.9	74.9





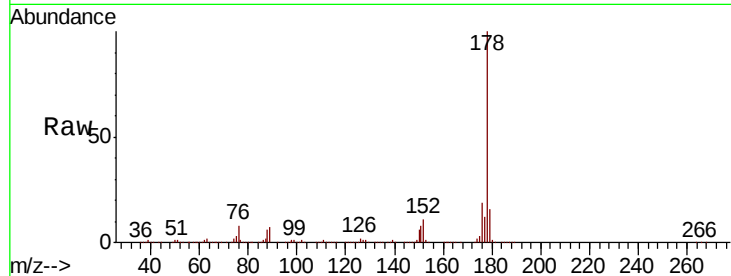
#71
Phenanthrene
Concen: 35.578 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

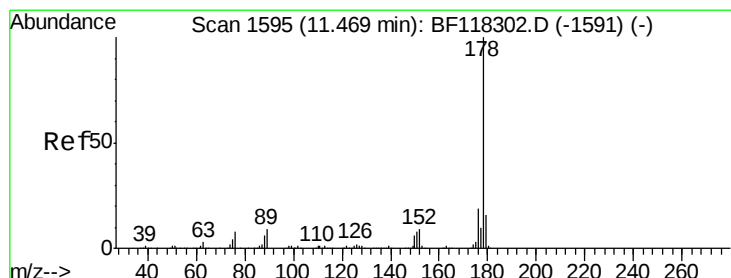
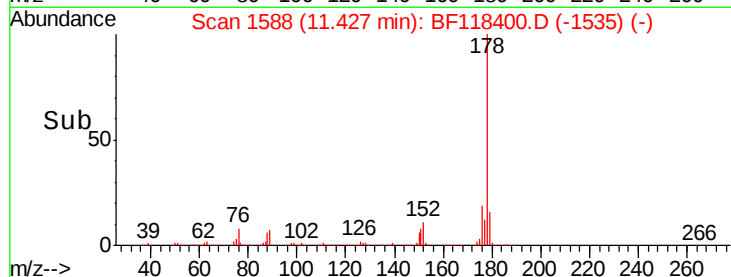
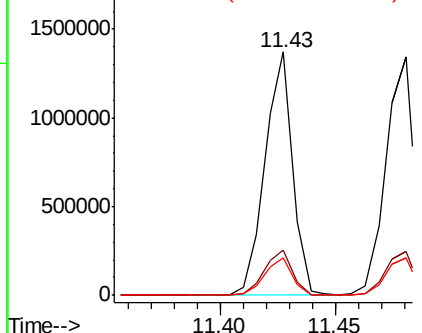
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	15.6	12.6	19.0

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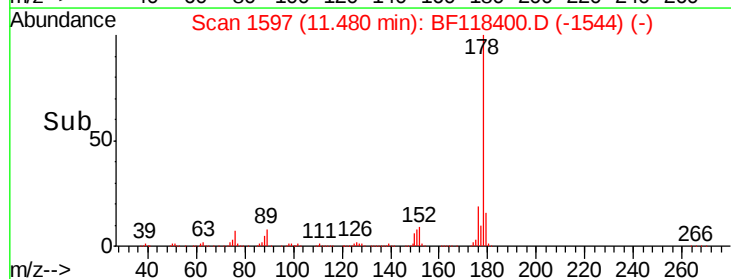
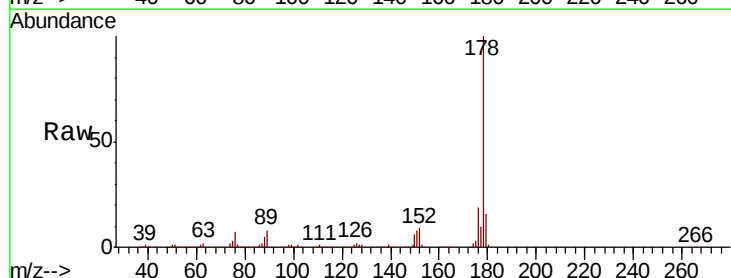
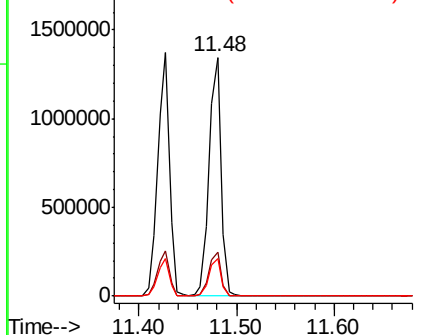
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

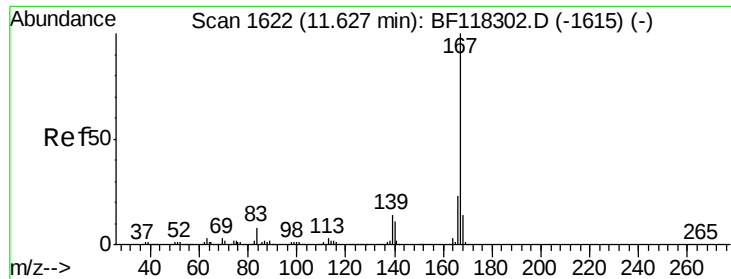


#72
Anthracene
Concen: 36.088 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.6	12.9	19.3

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





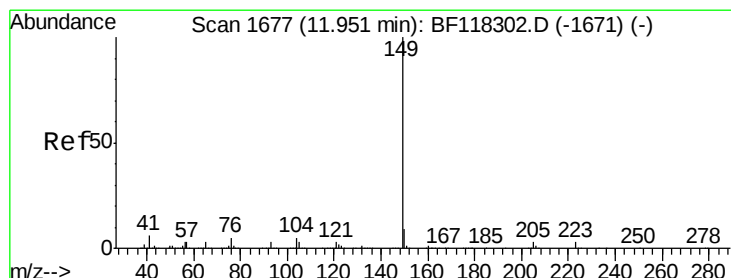
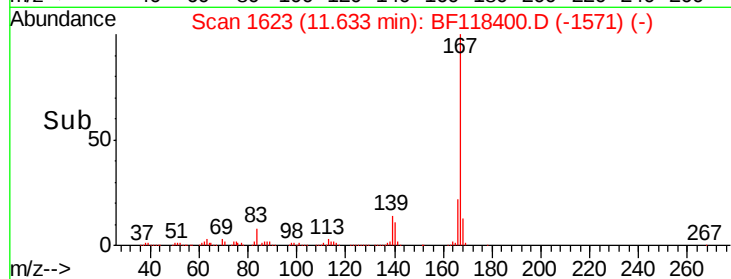
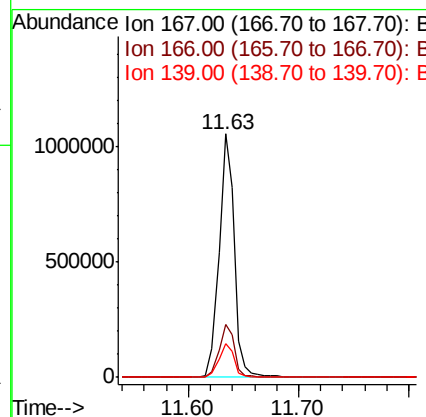
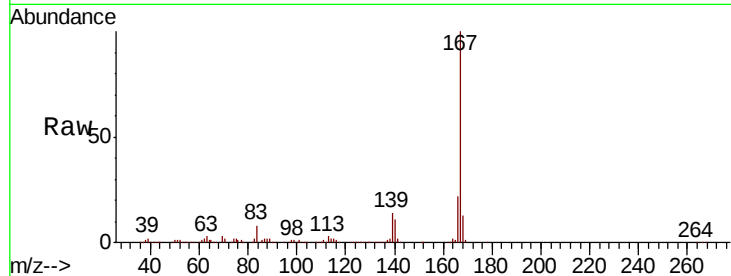
#73
 Carbazole
 Concen: 34.813 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	14.0	11.5	17.3

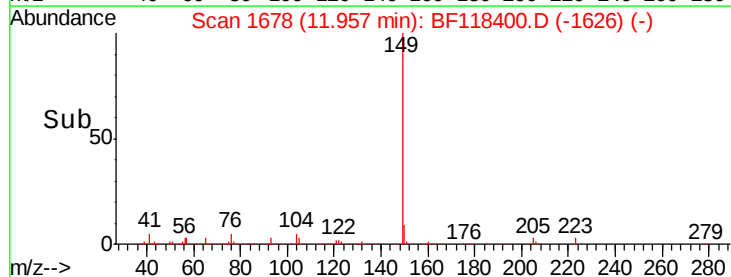
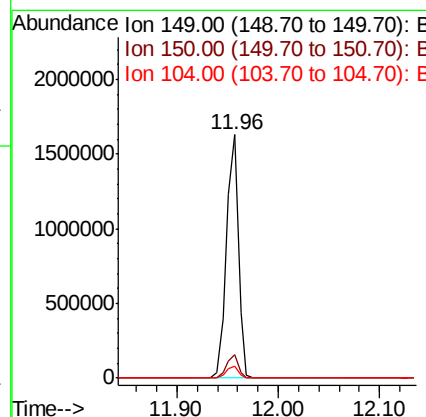
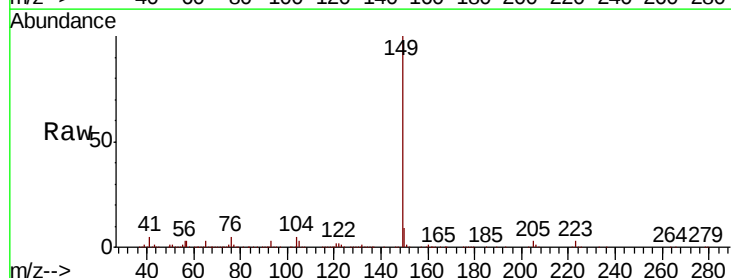
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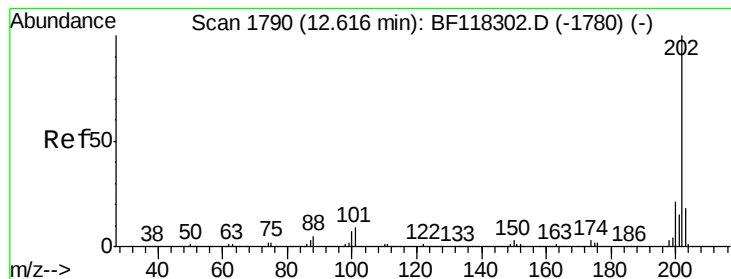
mohammad
 1/2/2020 11:49:39 AM



#74
 Di-n-butylphthalate
 Concen: 36.754 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.9	4.0	6.0





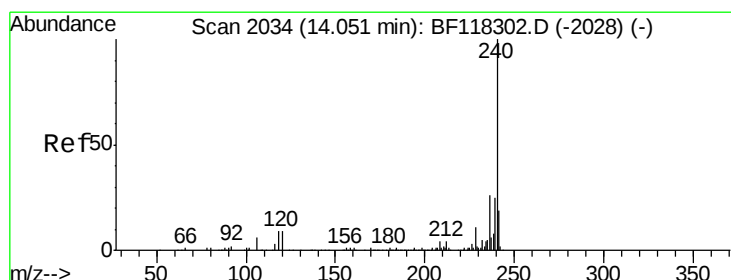
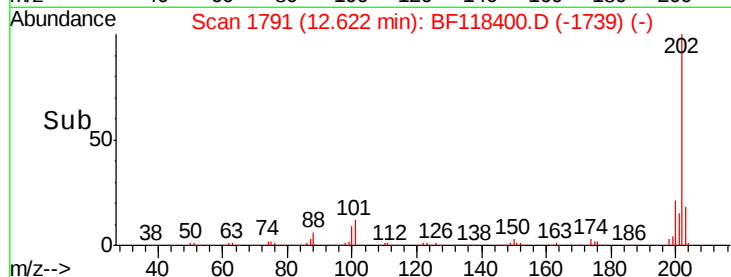
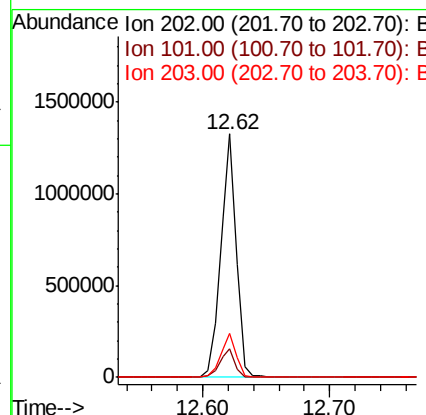
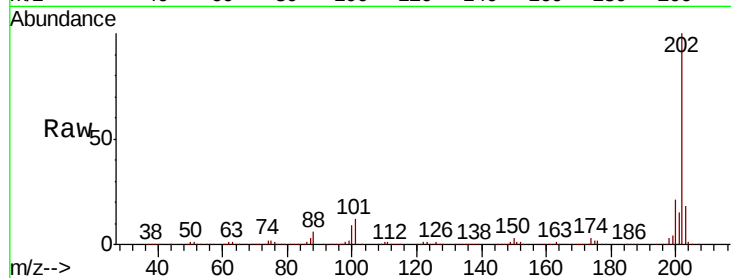
#75
 Fluoranthene
 Concen: 35.345 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	29.5
203	17.9	0.0	37.6

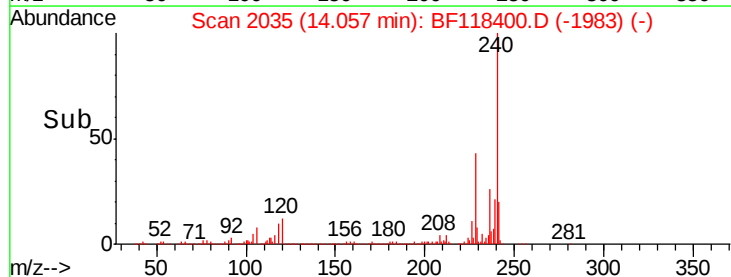
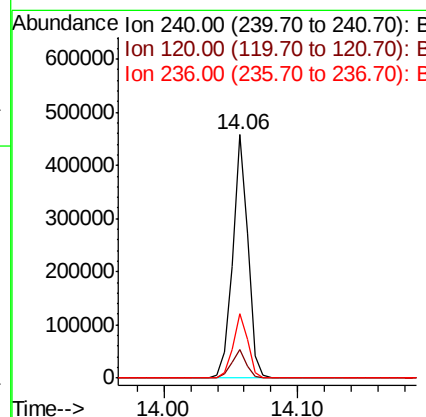
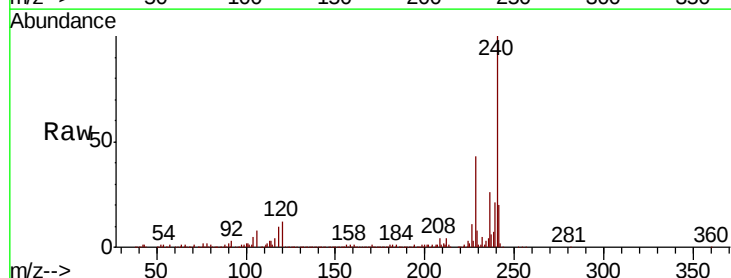
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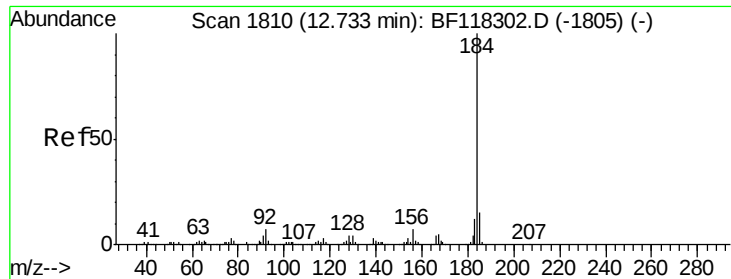
mohammad
 1/2/2020 11:49:39 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	26.3	21.0	31.6





#77

Benzidine

Concen: 19.356 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

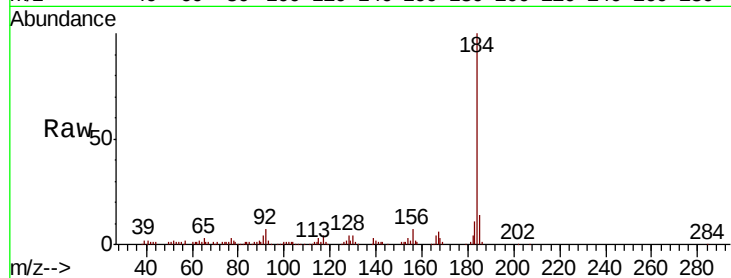
ClientSampleId :

PB125809BS

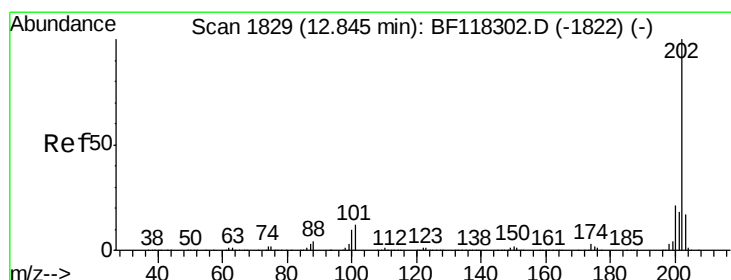
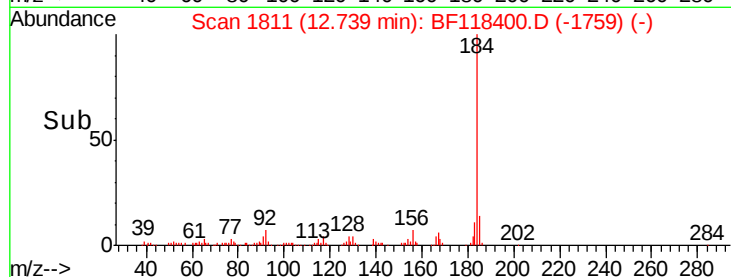
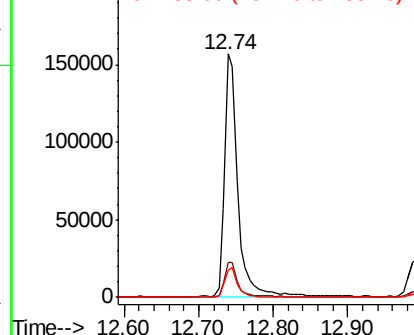
Tot Ion:184	Resp:	196639
Ion Ratio	Lower	Upper
184	100	
185	14.5	12.3 18.5
183	11.2	9.4 14.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.911 ng

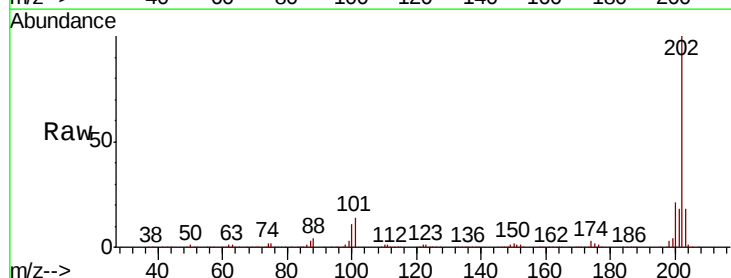
RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

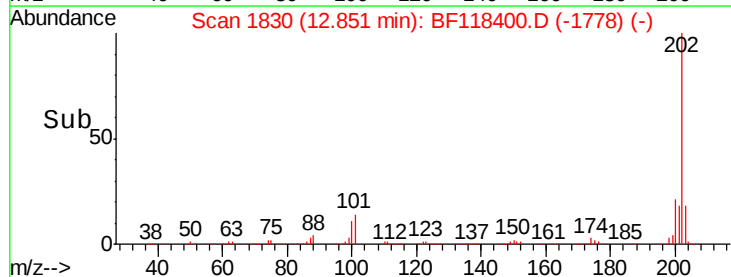
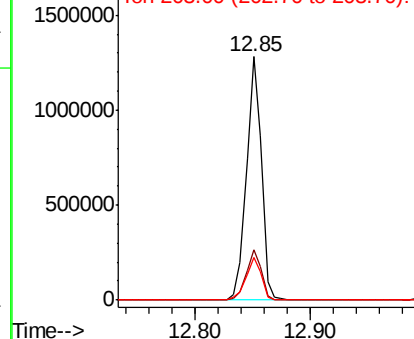
Lab File: BF118400.D

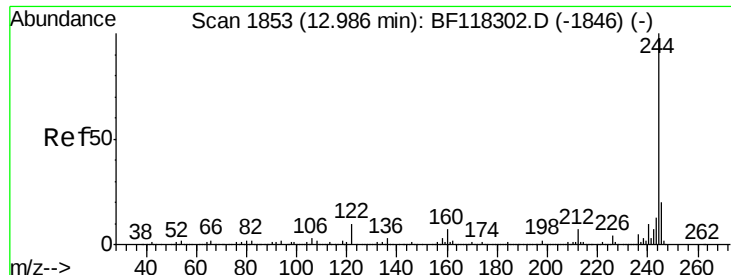
Acq: 31 Dec 2019 12:42

Tgt Ion:202	Resp:	1147789
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.8 25.2
203	17.6	13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





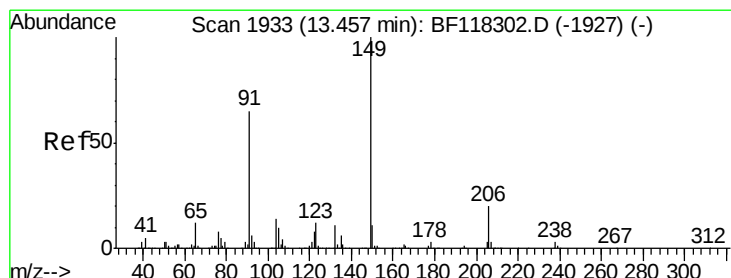
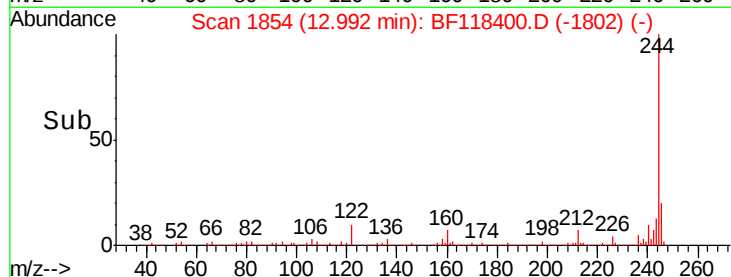
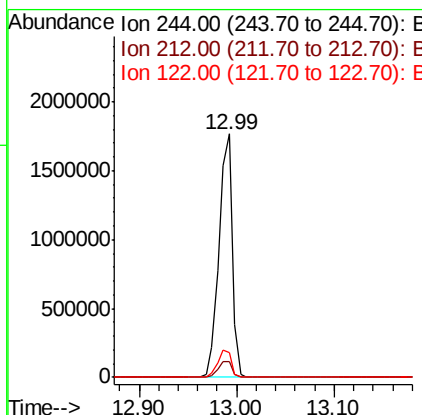
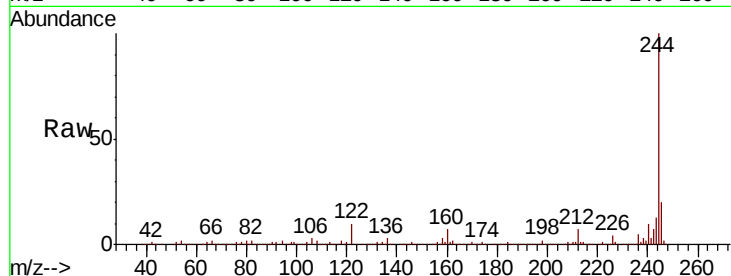
#79
 Terphenyl-d14
 Concen: 75.120 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.2	7.8	11.8

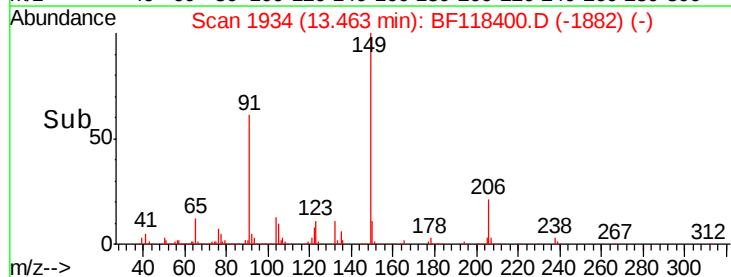
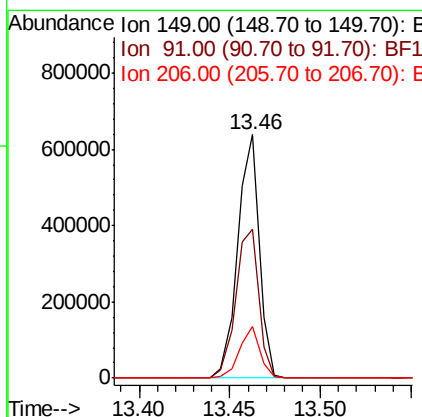
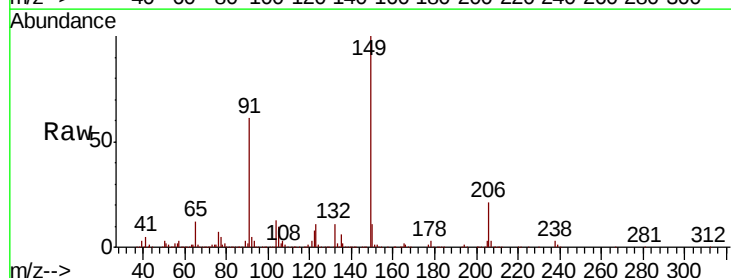
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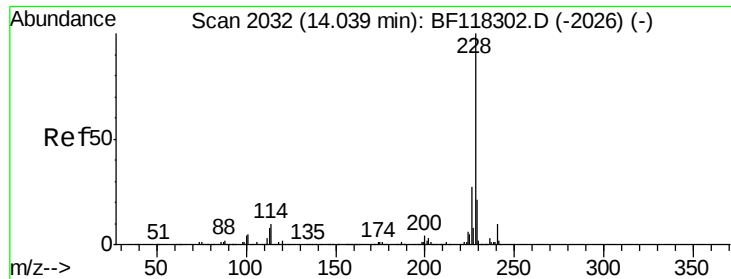
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.930 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118400.D
 Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.4	51.8	77.6
206	21.1	15.7	23.5





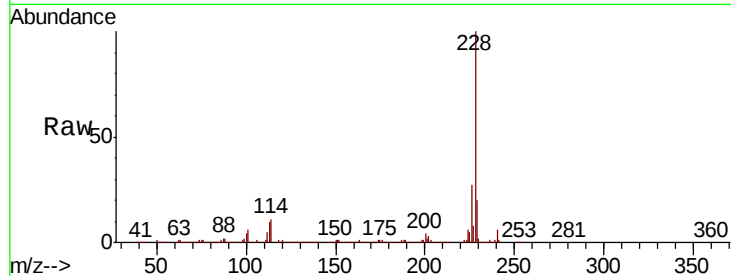
#81
Benzo(a)anthracene
Concen: 35.656 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

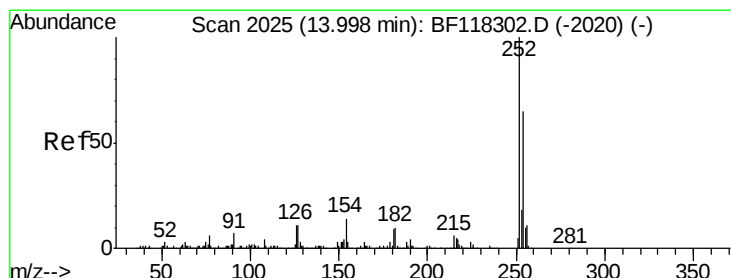
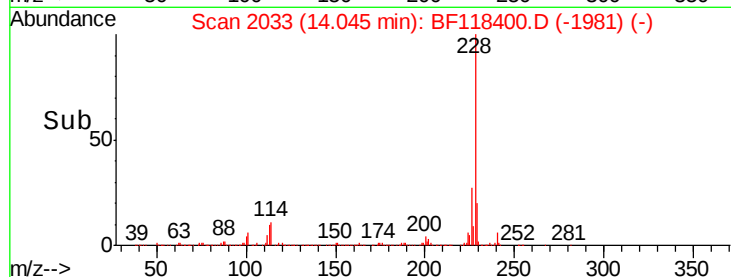
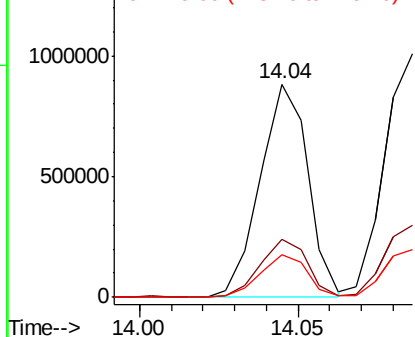
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.0	33.0
229	20.2	16.6	24.8

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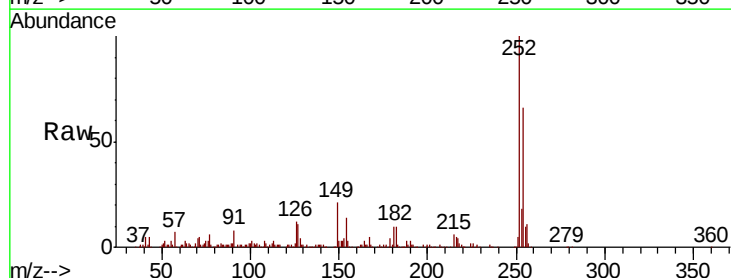


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

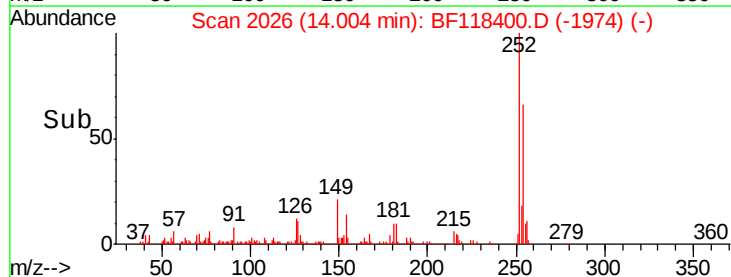
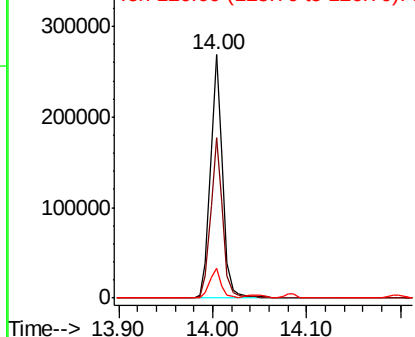


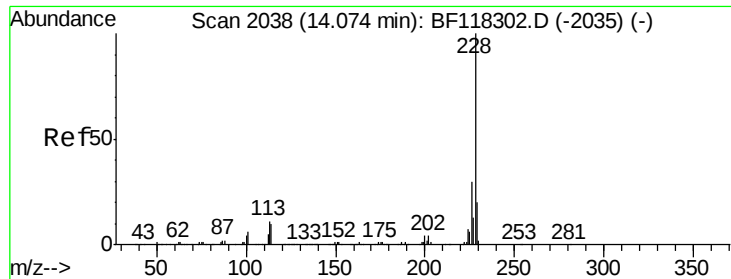
#82
3,3'-Dichlorobenzidine
Concen: 28.221 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	51.8	77.8
126	12.0	8.7	13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





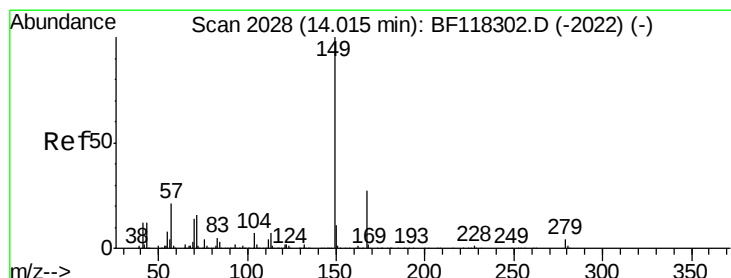
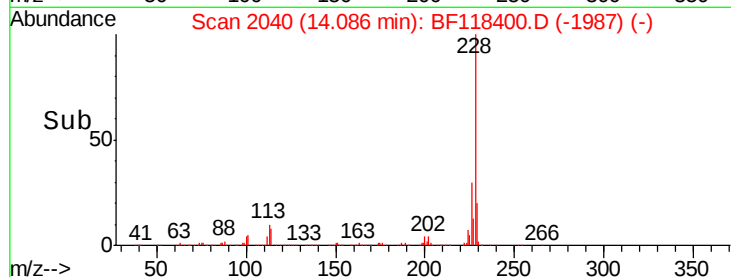
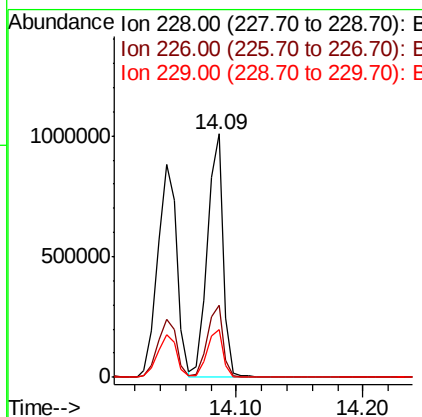
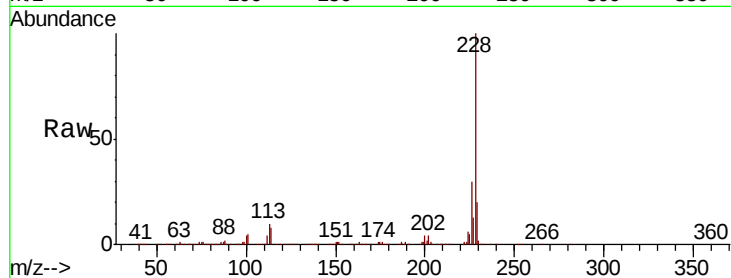
#83
Chrysene
Concen: 35.380 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	19.6	16.1	24.1

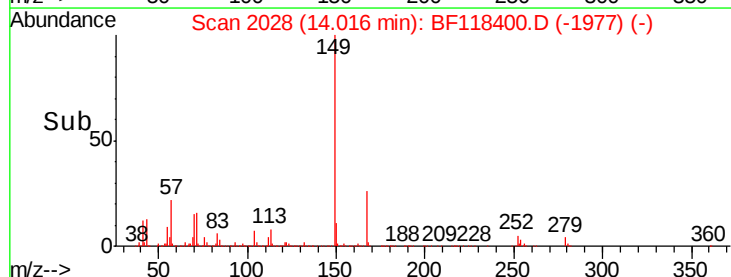
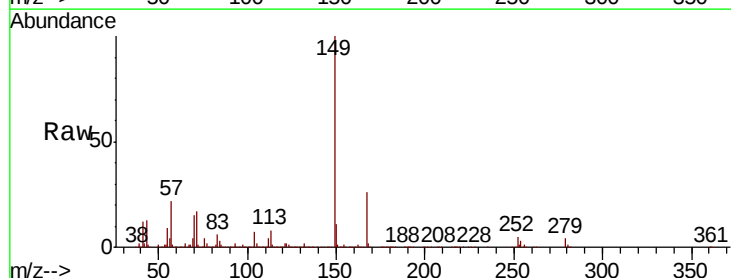
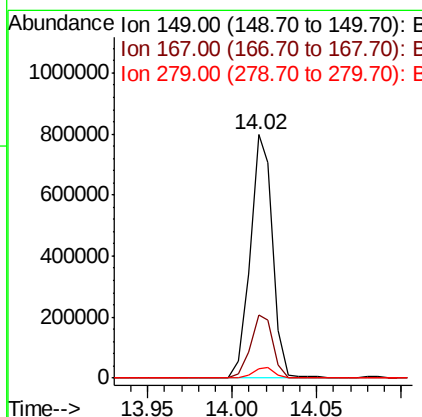
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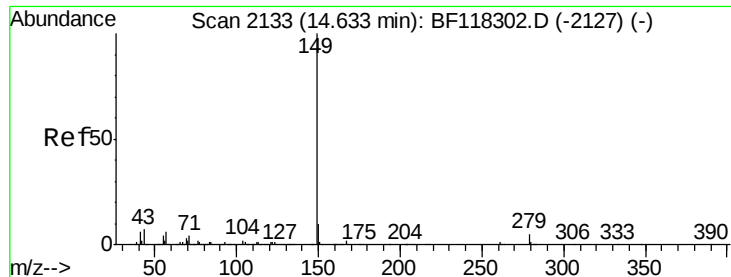
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.102 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.7	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 41.284 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

Instrument :

BNA_F

ClientSampleId :

PB125809BS

Tot Ion:149 Resp: 1088538

Ion Ratio Lower Upper

149 100

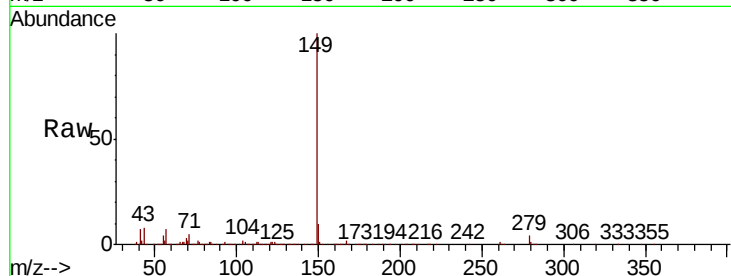
167 1.7 1.2 1.8

43 7.2 6.1 9.1

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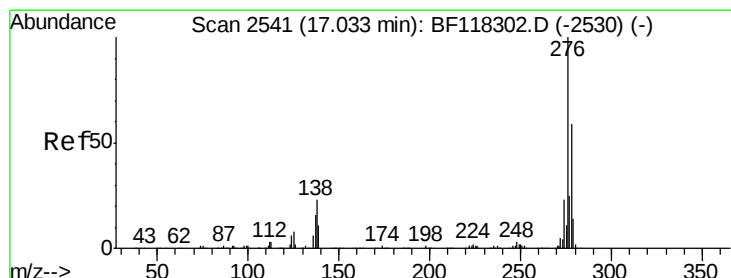
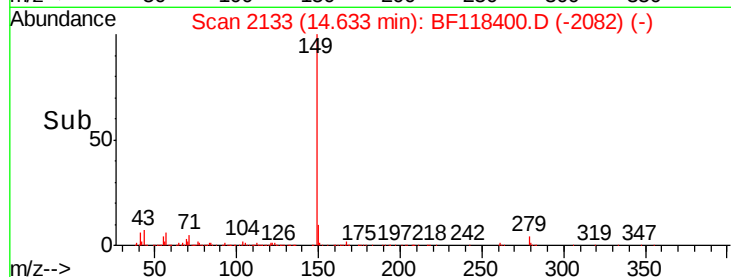
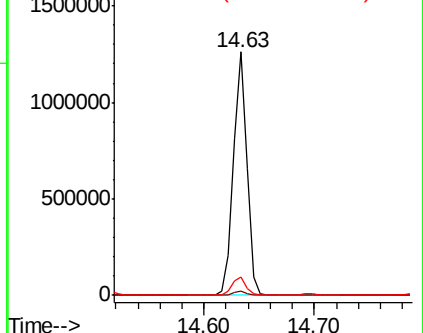
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.613 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.04 min

Lab File: BF118400.D

Acq: 31 Dec 2019 12:42

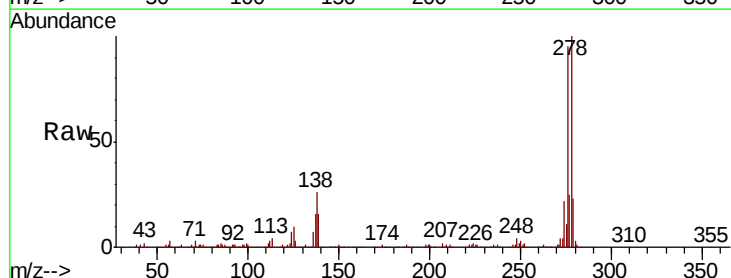
Tgt Ion:276 Resp: 669349

Ion Ratio Lower Upper

276 100

138 24.6 19.5 29.3

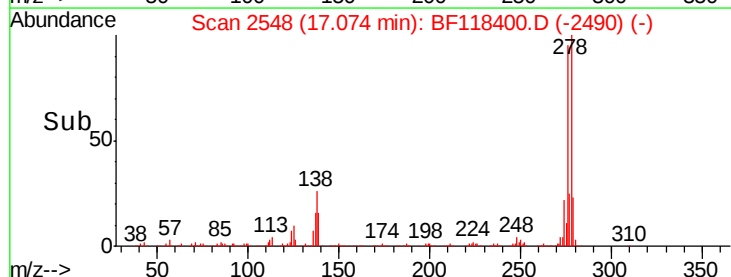
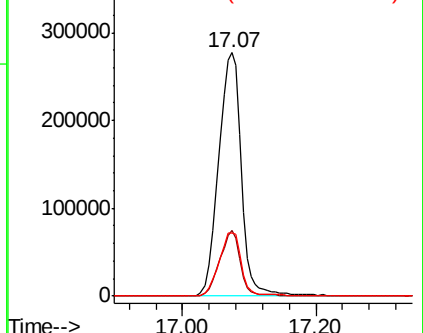
277 25.5 20.6 30.8

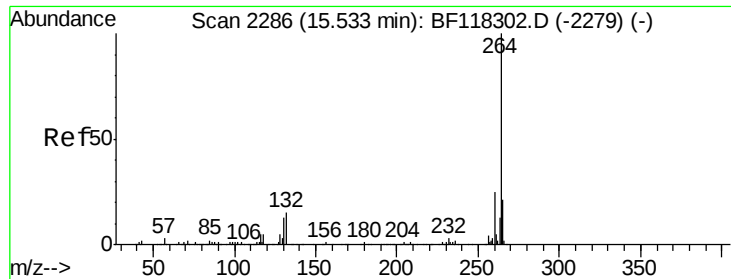


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





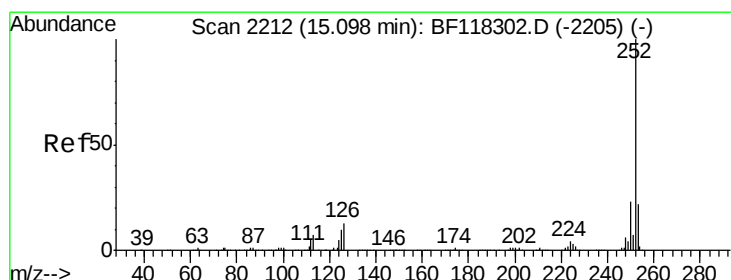
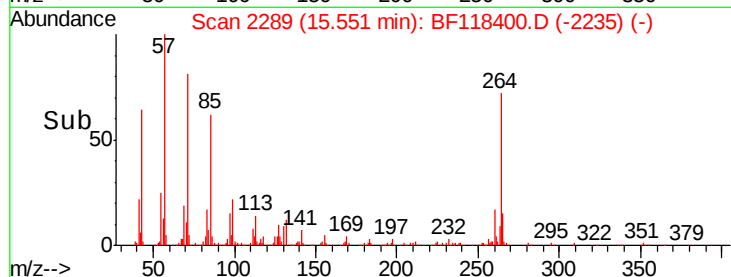
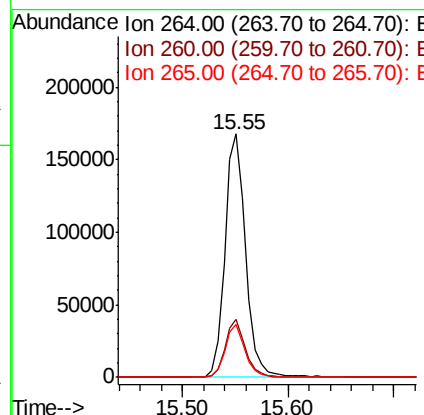
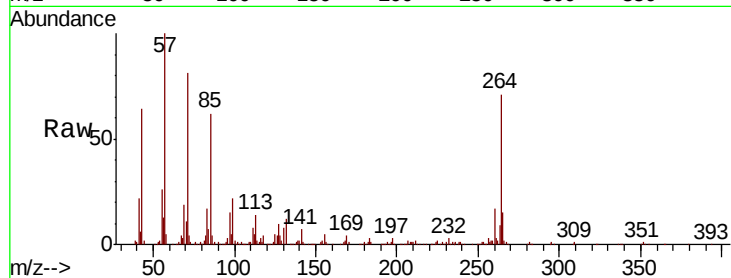
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.6
265	21.5	17.0	25.4

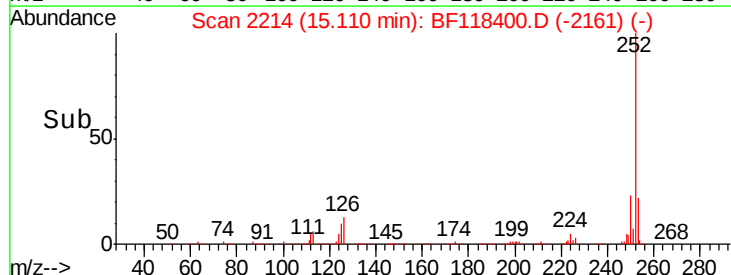
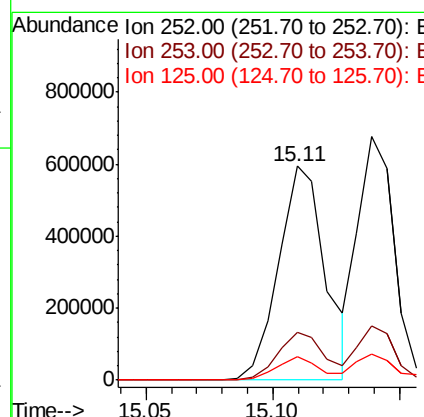
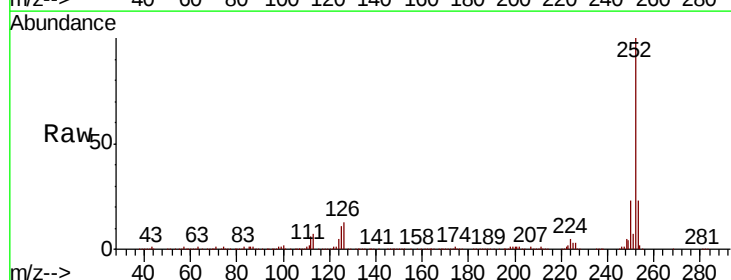
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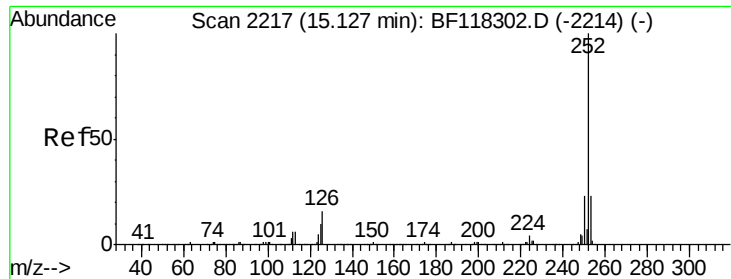
mohammad
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#88
Benzo(b)fluoranthene
Concen: 50.408 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	7.7	11.5





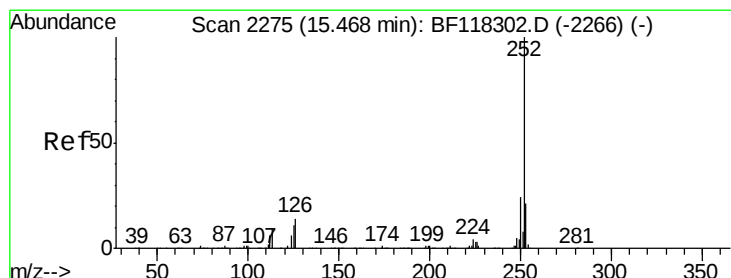
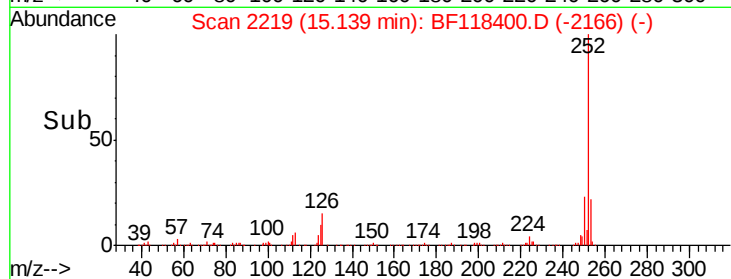
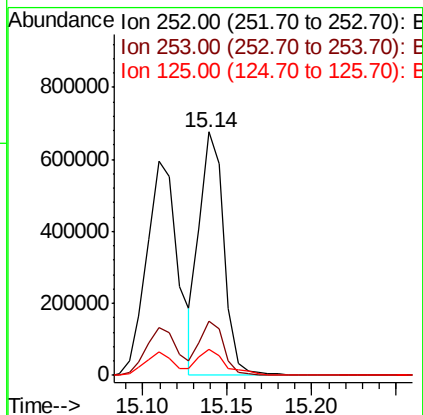
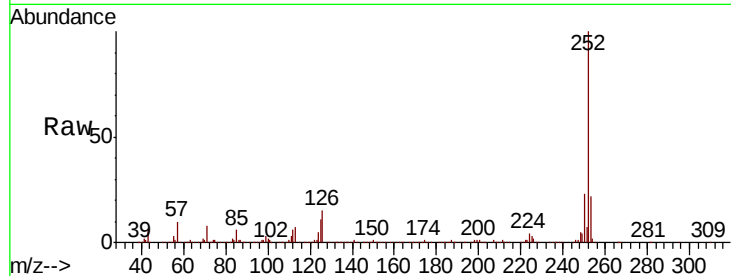
#89
Benzo(k)fluoranthene
Concen: 46.469 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.8	8.0	12.0

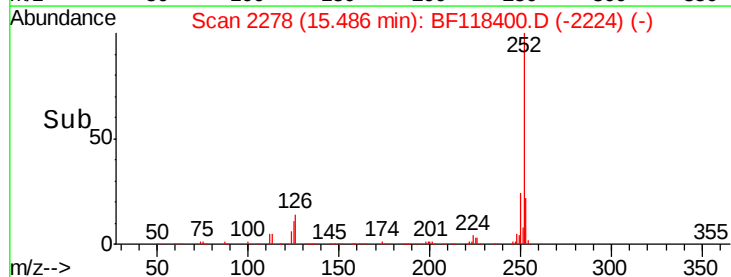
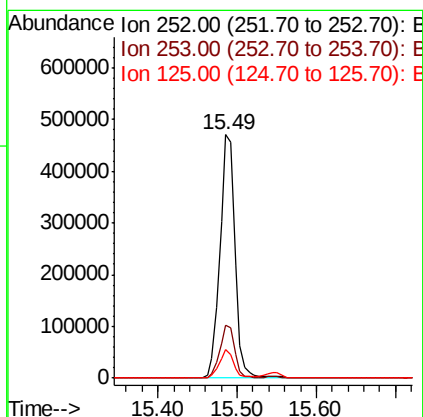
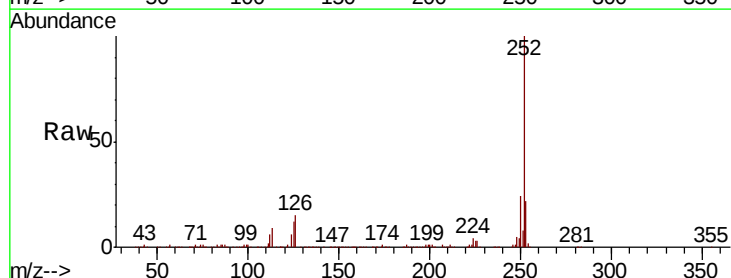
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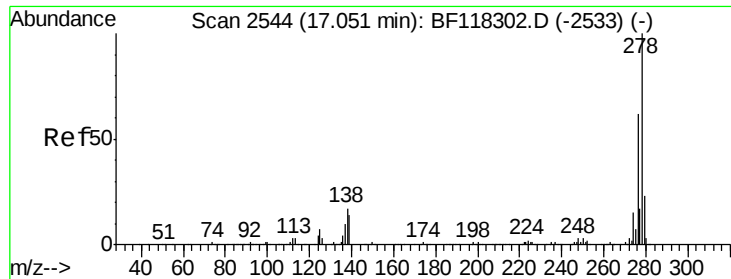
mohammad
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#90
Benzo(a)pyrene
Concen: 46.466 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	9.0	13.4





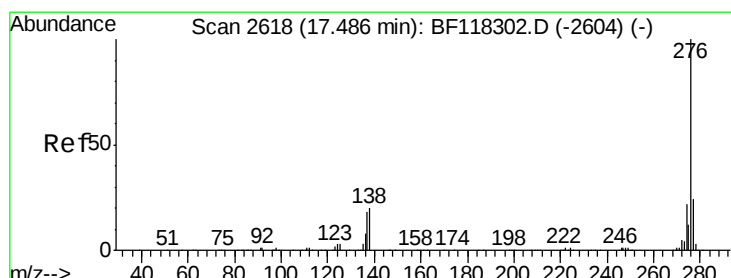
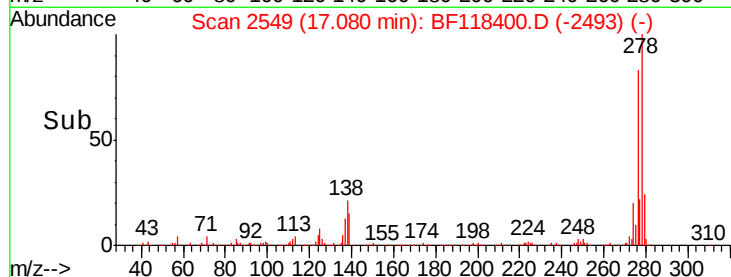
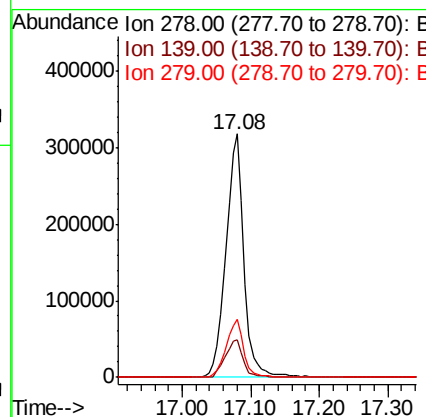
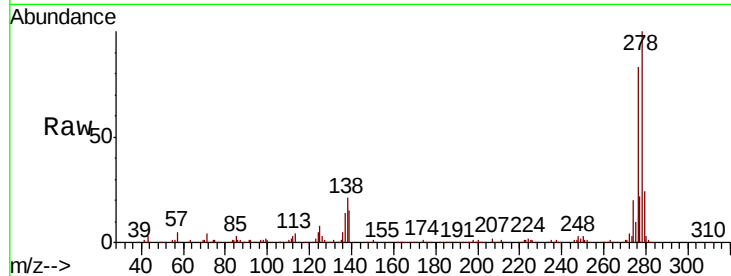
#91
Dibenzo(a,h)anthracene
Concen: 49.634 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Instrument :
BNA_F
ClientSampleId :
PB125809BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.5	17.3
279	23.7	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/2/2020 11:49:39 AM



#92
Benzo(g,h,i)perylene
Concen: 49.845 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118400.D
Acq: 31 Dec 2019 12:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	20.9	16.1	24.1

