

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118807.D
 Acq On : 4 Feb 2020 17:58
 Operator : CG/JU
 Sample : L1360-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Manual Integrations
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mohammad
 2/6/2020 2:17:06 PM

Quant Time: Feb 05 06:41:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	261087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	992255	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	563711	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1027819	20.00	ng	0.00
76) Chrysene-d12	13.97	240	712489	20.00	ng	-0.01
87) Perylene-d12	15.40	264	738291	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1282669	93.00	ng	0.00
7) Phenol-d6	6.45	99	1596571	93.25	ng	0.00
23) Nitrobenzene-d5	7.37	82	1015284	60.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	609008	90.29	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2152564	68.26	ng	-0.01
79) Terphenyl-d14	12.92	244	2605147	75.10	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.60	88	226997	36.113	ng	100
3) Pyridine	3.35	79	568204	32.554	ng	99
4) n-Nitrosodimethylamine	3.28	42	250840	39.472	ng	96
6) Aniline	6.47	93	537451	24.372	ng	99
8) 2-Chlorophenol	6.60	128	649943	42.306	ng	99
9) Benzaldehyde	6.36	77	303138	27.618	ng	99
10) Phenol	6.46	94	778210	40.877	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	588475	40.403	ng	99
12) 1,3-Dichlorobenzene	6.76	146	716152	39.163	ng	96
13) 1,4-Dichlorobenzene	6.83	146	721269	39.542	ng	99
14) 1,2-Dichlorobenzene	6.99	146	666926	38.276	ng	98
15) Benzyl Alcohol	6.95	79	548338	41.433	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	689730	38.669	ng	100
17) 2-Methylphenol	7.07	107	529852	41.484	ng	97
18) Hexachloroethane	7.33	117	249861	38.166	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	422737	40.353	ng	98
20) 3+4-Methylphenols	7.22	107	626007	39.102	ng	93
22) Acetophenone	7.22	105	819642	38.020	ng	# 99
24) Nitrobenzene	7.39	77	649550	39.058	ng	96
25) Isophorone	7.63	82	1185906	39.638	ng	99
26) 2-Nitrophenol	7.71	139	356581	40.238	ng	98
27) 2,4-Dimethylphenol	7.75	122	556811	46.255	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	735978	37.936	ng	97
29) 2,4-Dichlorophenol	7.95	162	568795	39.455	ng	100
30) 1,2,4-Trichlorobenzene	8.04	180	640978	38.039	ng	99
31) Naphthalene	8.12	128	1836486	40.468	ng	99
32) Benzoic acid	7.87	122	350903	35.208	ng	97
33) 4-Chloroaniline	8.16	127	270763	13.336	ng	98
34) Hexachlorobutadiene	8.24	225	380011	36.810	ng	99
35) Caprolactam	8.53	113	177289m	37.936	ng	
36) 4-Chloro-3-methylphenol	8.65	107	580107	39.985	ng	100
37) 2-Methylnaphthalene	8.81	142	1299886	41.300	ng	99
38) 1-Methylnaphthalene	8.90	142	1213437	40.983	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	629374	36.993	ng	99

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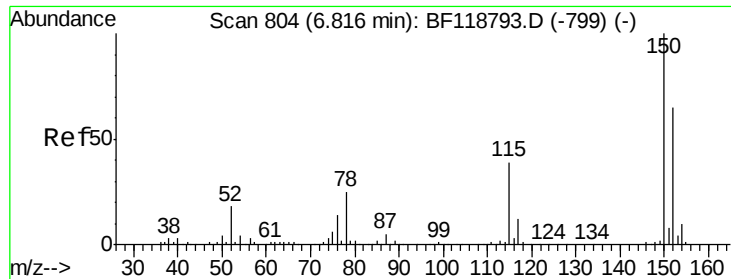
Manual Integrations
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Quant Time: Feb 05 06:41:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	661868	99.213	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	442449	38.890	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	457232	39.333	nq	100
46) 1,1'-Biphenyl	9.27	154	1538794	39.462	nq	98
47) 2-Chloronaphthalene	9.30	162	1239938	38.249	nq	98
48) 2-Nitroaniline	9.39	65	341237	36.497	nq	93
49) Acenaphthylene	9.71	152	1912121	40.852	nq	99
50) Dimethylphthalate	9.57	163	1562581	40.710	nq	99
51) 2,6-Dinitrotoluene	9.63	165	350906	39.955	nq	97
52) Acenaphthene	9.88	154	1295690	42.009	nq	99
53) 3-Nitroaniline	9.79	138	166162	17.060	nq	92
54) 2,4-Dinitrophenol	9.90	184	307482	72.827	nq	99
55) Dibenzofuran	10.06	168	1728112	38.769	nq	98
56) 4-Nitrophenol	9.96	139	547939	77.730	nq	97
57) 2,4-Dinitrotoluene	10.03	165	461034	39.667	nq	# 90
58) Fluorene	10.40	166	1295838	38.643	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	399322	39.334	nq	99
60) Diethylphthalate	10.27	149	1434936	38.446	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	693580	38.138	nq	99
62) 4-Nitroaniline	10.41	138	310562	31.840	nq	99
63) Azobenzene	10.55	77	1263127	39.641	nq	96
65) 4,6-Dinitro-2-methylphenol	10.45	198	245312	42.475	nq	87
66) n-Nitrosodiphenylamine	10.50	169	1219293	40.954	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	475641	39.119	nq	98
68) Hexachlorobenzene	10.95	284	537285	38.526	nq	# 92
69) Atrazine	11.03	200	433441	43.699	nq	99
70) Pentachlorophenol	11.14	266	546493	74.215	nq	99
71) Phenanthrene	11.36	178	1961215	38.782	nq	99
72) Anthracene	11.41	178	2017313	40.099	nq	99
73) Carbazole	11.56	167	1750170	39.640	nq	99
74) Di-n-butylphthalate	11.89	149	2173016	38.636	nq	100
75) Fluoranthene	12.55	202	2056335	37.243	nq	99
77) Benzidine	12.66	184	858588	39.842	nq	99
78) Pyrene	12.77	202	2067259	42.294	nq	100
80) Butylbenzylphthalate	13.39	149	899429	40.316	nq	100
81) Benzo(a)anthracene	13.96	228	1677182	39.559	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	398645	22.989	nq	98
83) Chrysene	13.99	228	1695365	39.842	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1168098	41.269	nq	100
85) Di-n-octyl phthalate	14.56	149	1958166	40.383	nq	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1908370	44.637	nq	100
88) Benzo(b)fluoranthene	14.99	252	1670719	36.469	nq	99
89) Benzo(k)fluoranthene	15.02	252	1632743	40.928	nq	99
90) Benzo(a)pyrene	15.34	252	1502577	38.325	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1590201	45.689	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1622755	48.481	nq	99

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



#1

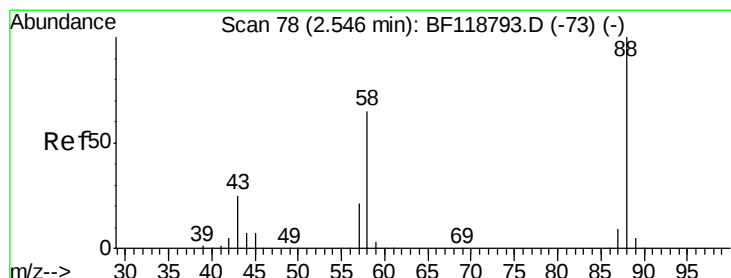
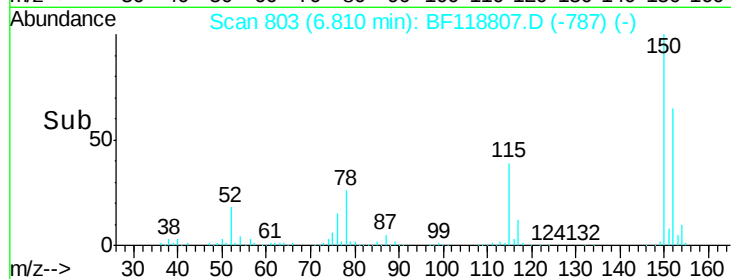
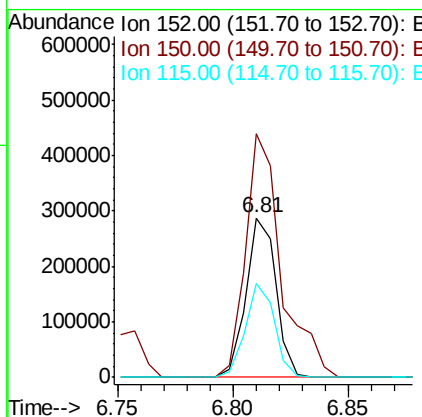
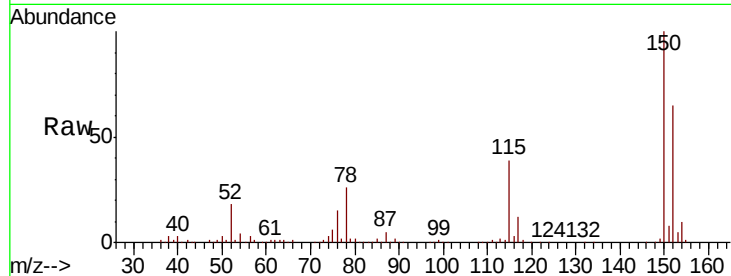
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.6	185.4
115	59.2	48.2	72.2

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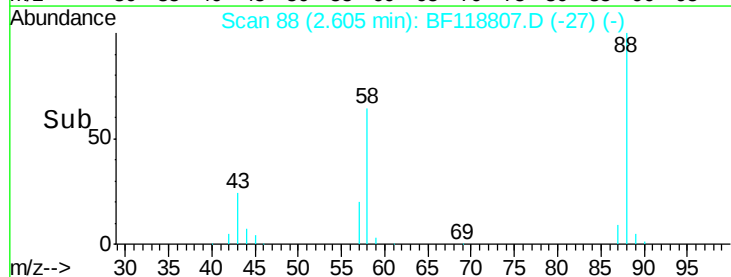
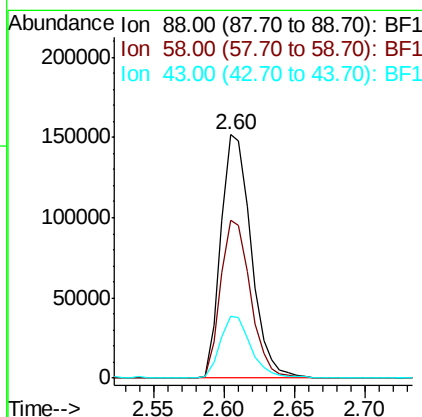
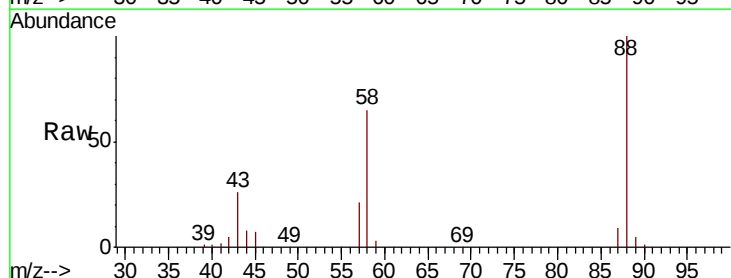
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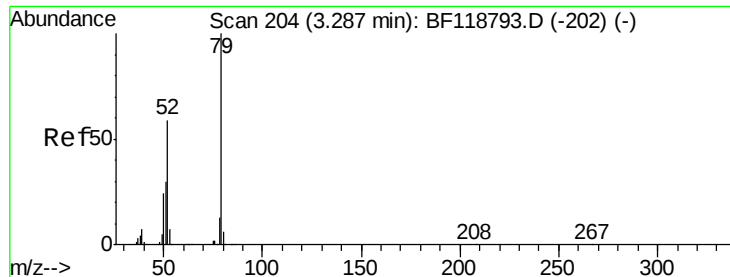


#2

1,4-Dioxane
Concen: 36.113 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.06 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.6	77.4
43	24.9	19.8	29.6





#3

Pvridine

Concen: 32.554 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.06 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

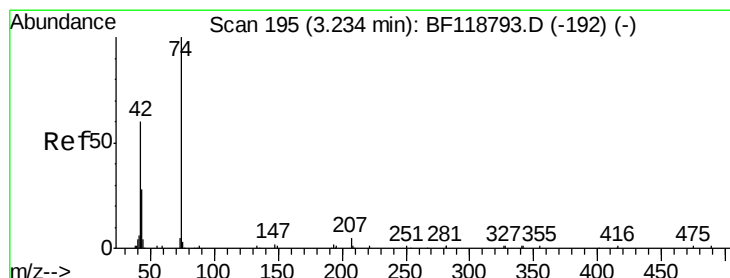
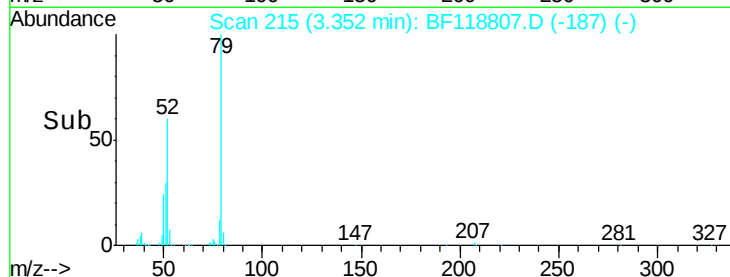
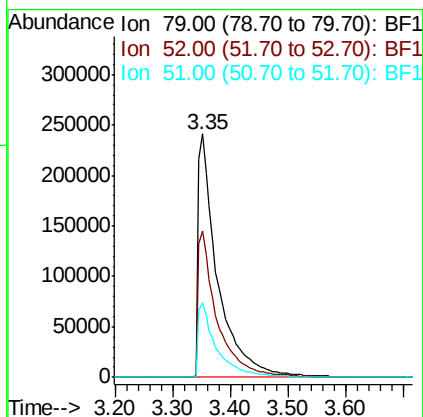
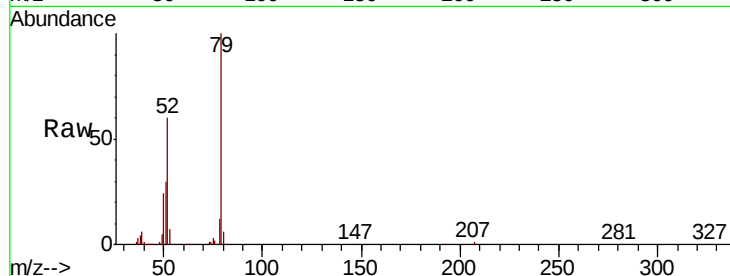
ClientSampleId :

TP-1MS

Tot Ion:	79	Resp:	568204
Ion	Ratio	Lower	Upper
79	100		
52	59.9	47.4	71.0
51	30.4	24.2	36.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.472 ng

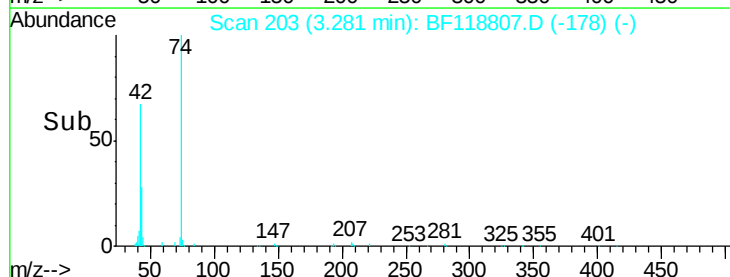
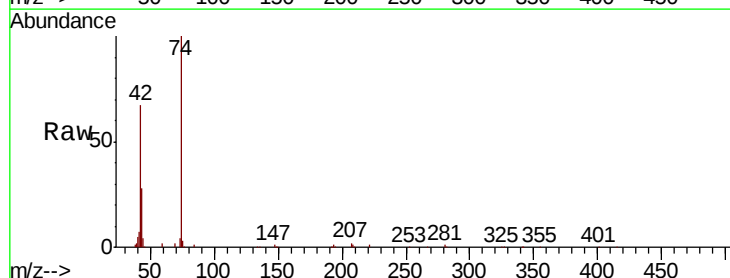
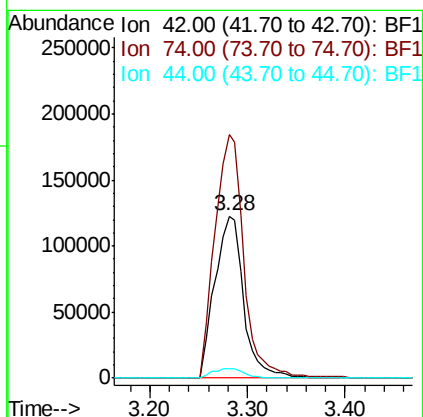
RT: 3.28 min Scan# 203

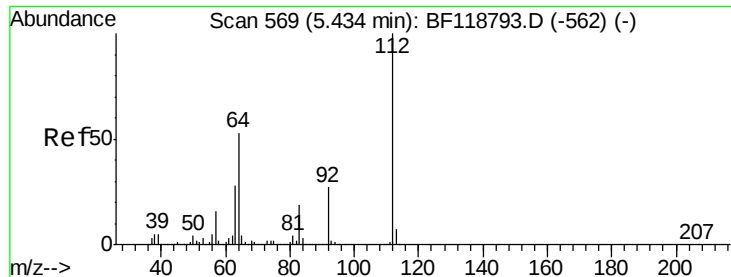
Delta R.T. 0.05 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	42	Resp:	250840
Ion	Ratio	Lower	Upper
42	100		
74	150.0	124.3	186.5
44	5.8	5.3	7.9





#5

2-Fluorophenol

Concen: 92.996 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampled :

TP-1MS

Tot Ion:112 Resp: 1282669

Ion Ratio Lower Upper

112 100

64 53.5 42.6 63.8

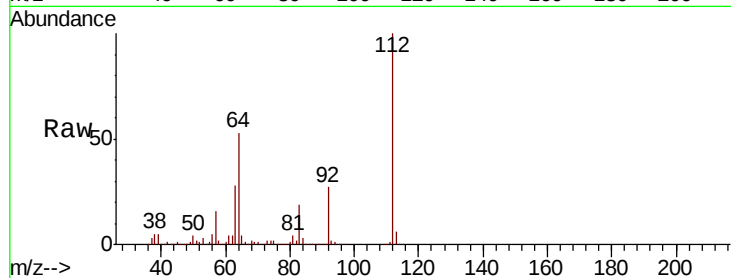
63 27.7 22.2 33.4

Manual Integrations

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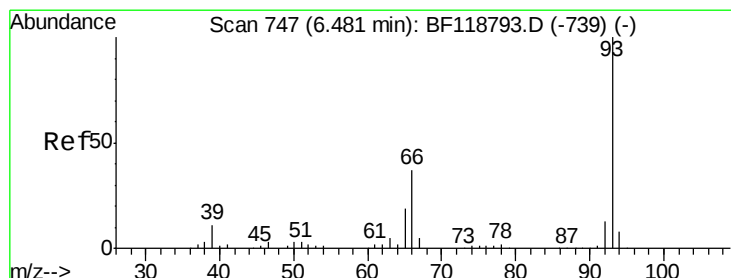
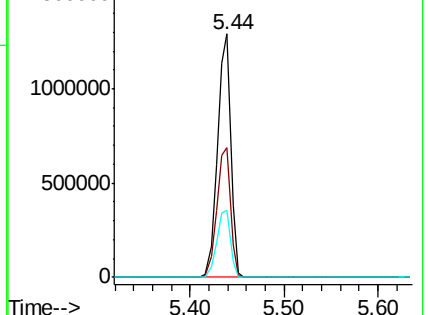
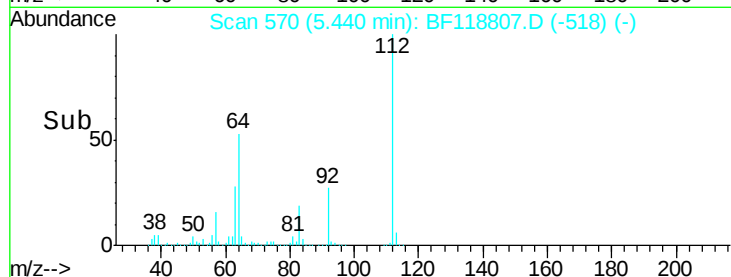
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.372 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

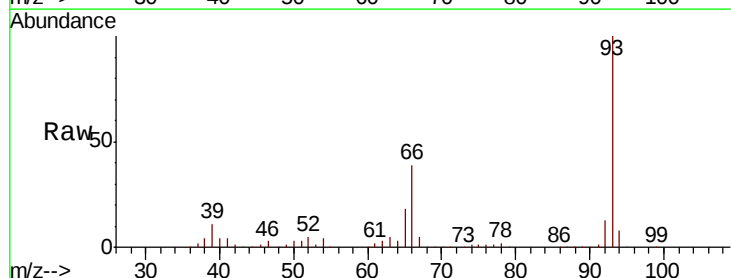
Tgt Ion: 93 Resp: 537451

Ion Ratio Lower Upper

93 100

66 38.7 30.8 46.2

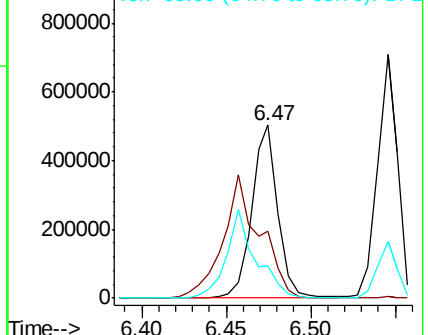
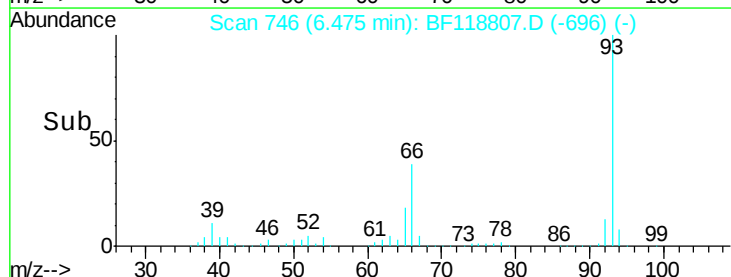
65 18.4 15.4 23.0

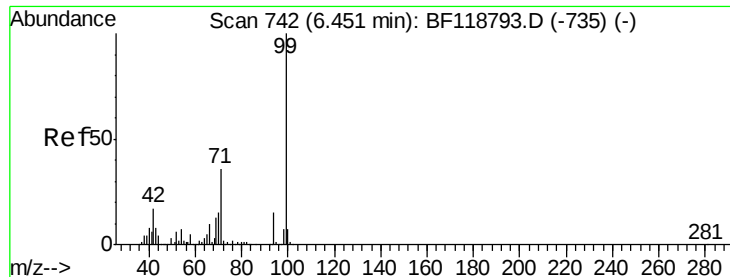


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.248 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion: 99 Resp: 1596571

Ion Ratio Lower Upper

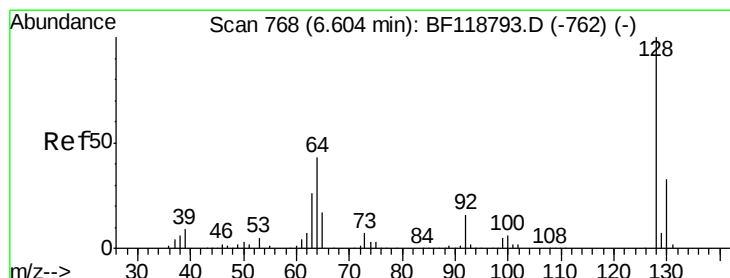
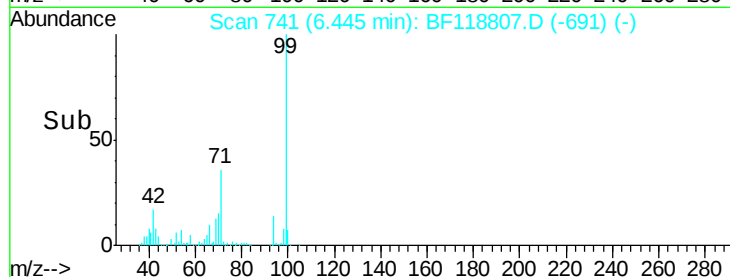
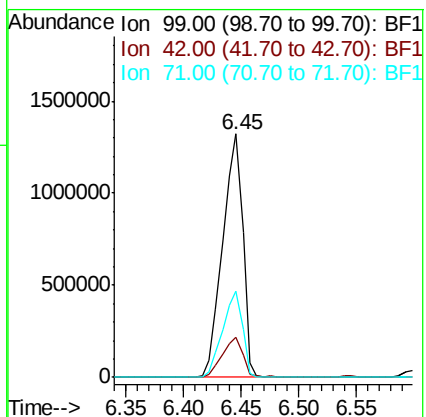
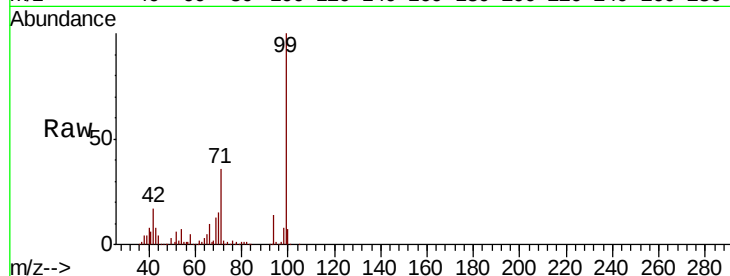
99 100

42 16.6 13.4 20.0

71 35.5 29.0 43.6

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#8

2-Chlorophenol

Concen: 42.306 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

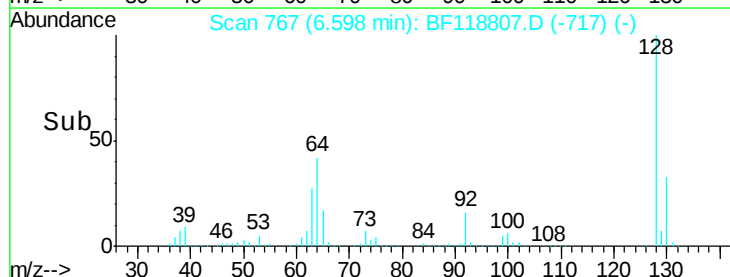
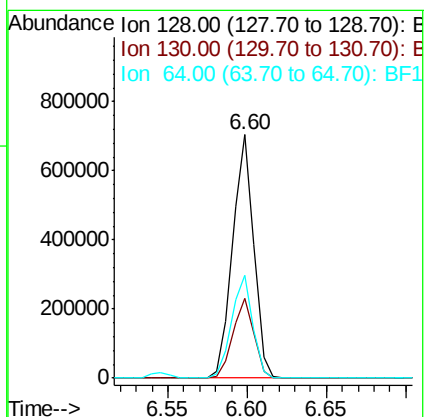
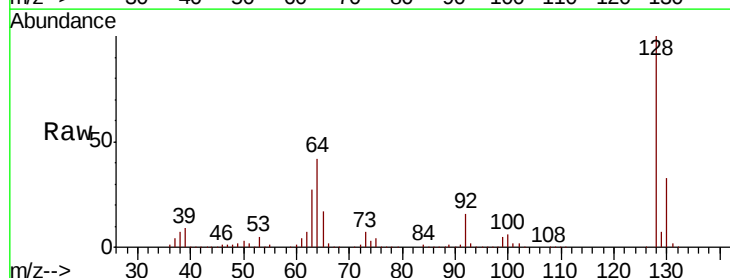
Tgt Ion: 128 Resp: 649943

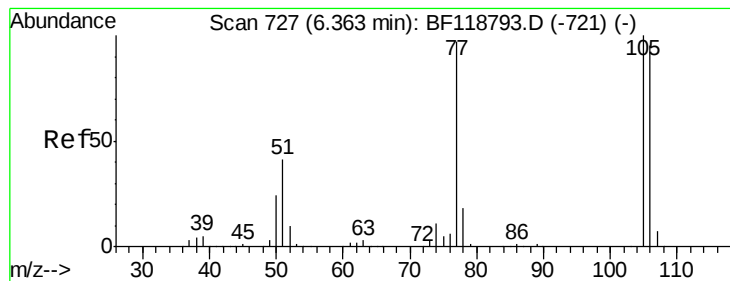
Ion Ratio Lower Upper

128 100

130 32.9 13.1 53.1

64 42.3 23.0 63.0





#9

Benzaldehyde

Concen: 27.618 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

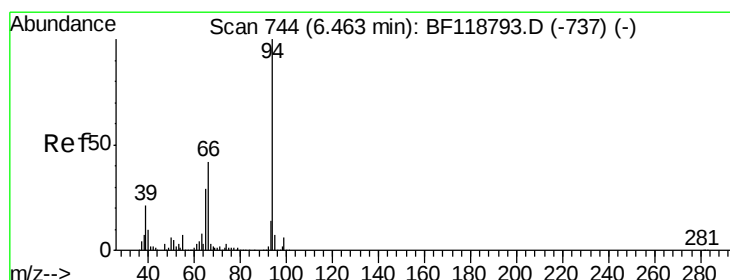
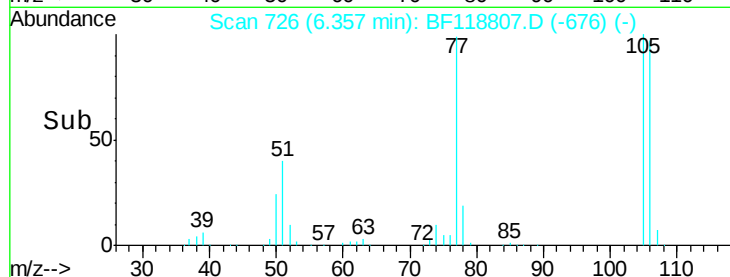
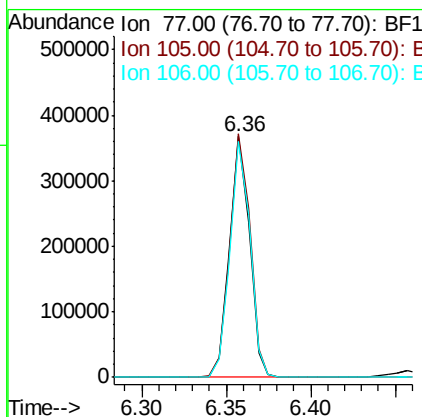
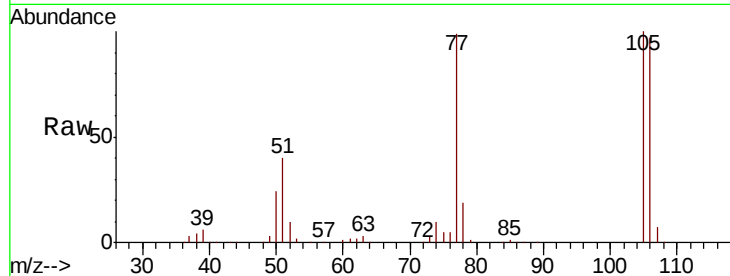
ClientSampleId :

TP-1MS

Tot Ion:	77	Resp:	303138
Ion	Ratio	Lower	Upper
77	100		
105	101.1	82.8	122.8
106	97.8	78.1	118.1

Manual Integrations
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#10

Phenol

Concen: 40.877 ng

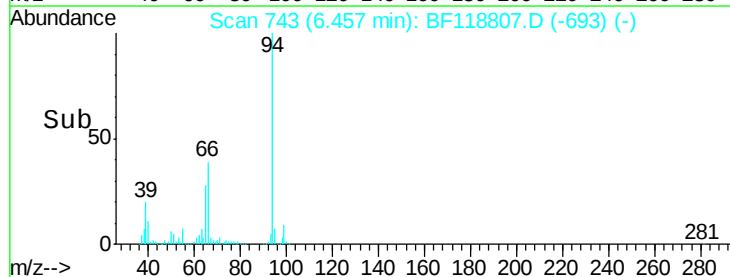
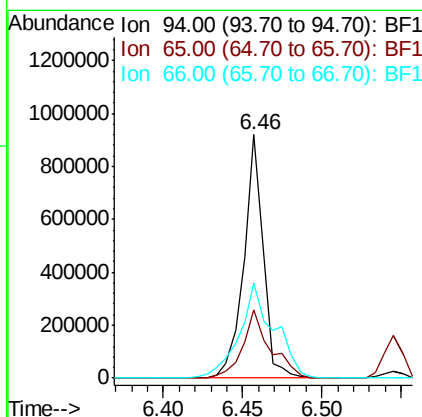
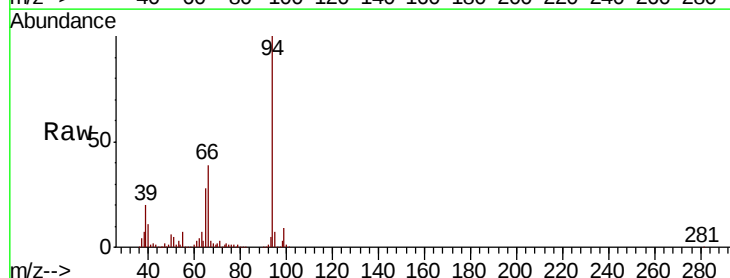
RT: 6.46 min Scan# 743

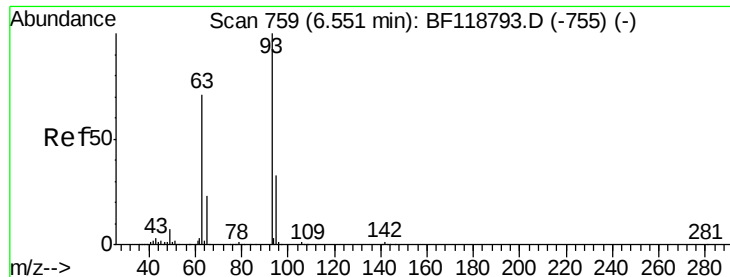
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	94	Resp:	778210
Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.1	49.1
66	39.1	21.7	61.7





#11

bis(2-Chloroethyl)ether

Concen: 40.403 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

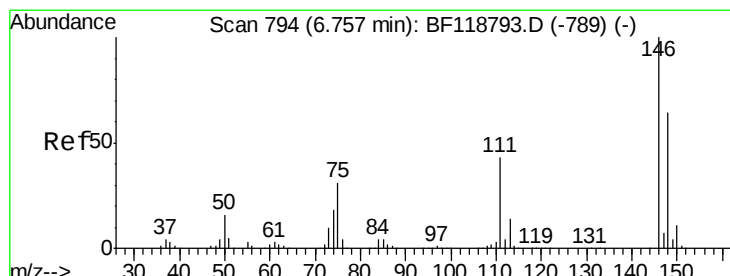
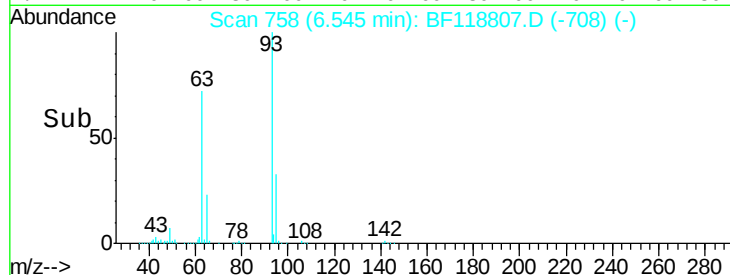
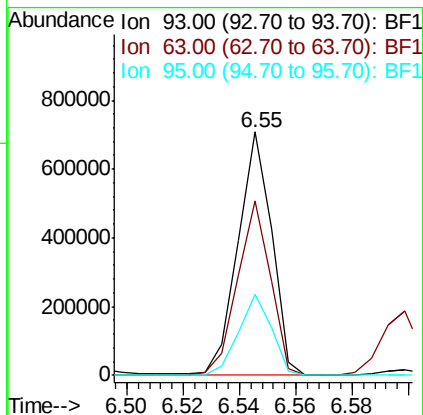
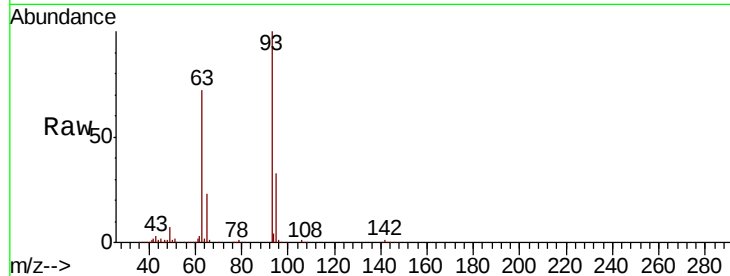
ClientSampleId :

TP-1MS

Tot Ion:	93	Resp:	588475
Ion	Ratio	Lower	Upper
93	100		
63	71.9	50.7	90.7
95	33.0	12.6	52.6

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.163 ng

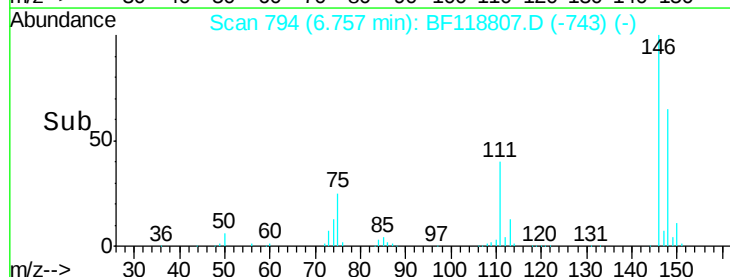
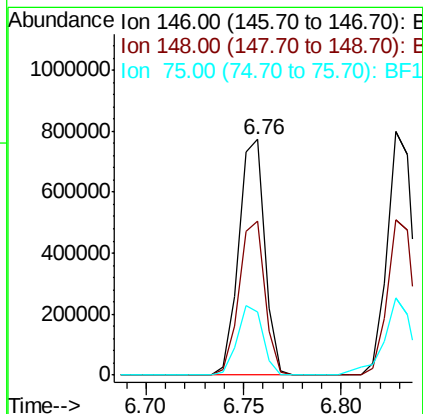
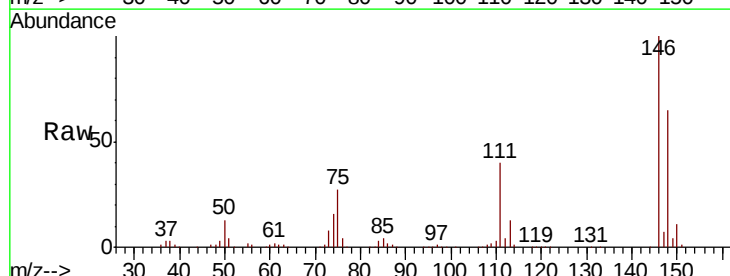
RT: 6.76 min Scan# 794

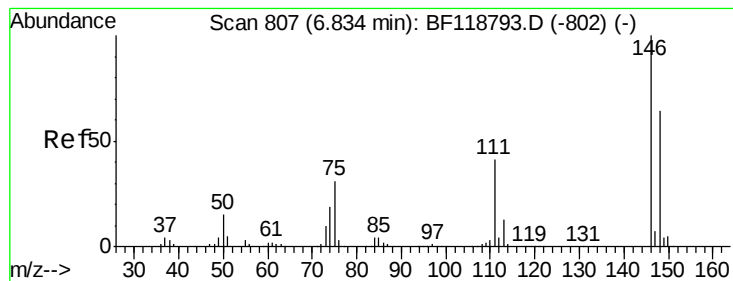
Delta R.T. 0.00 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	146	Resp:	716152
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.1	76.7
75	26.7	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 39.542 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

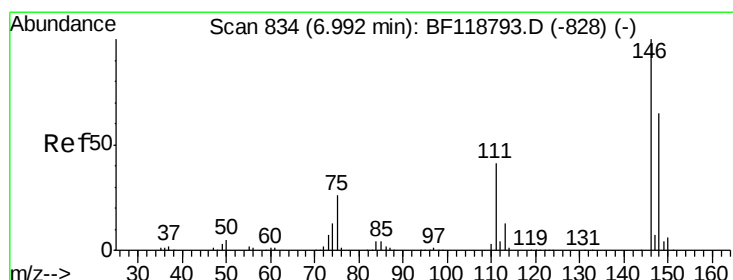
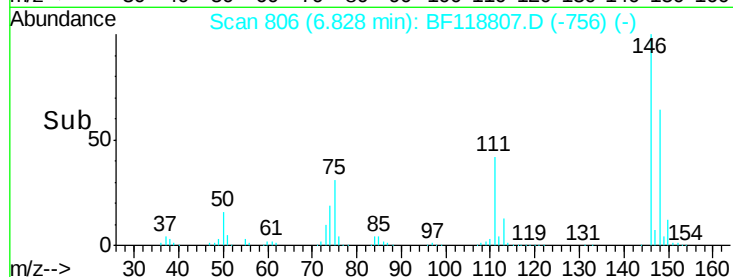
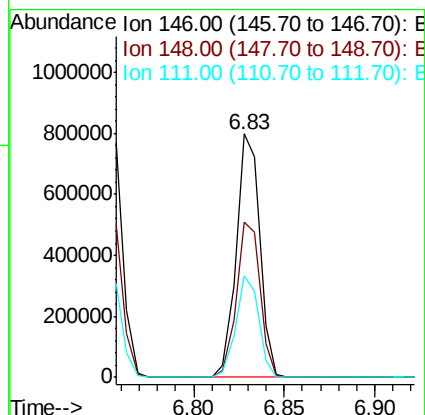
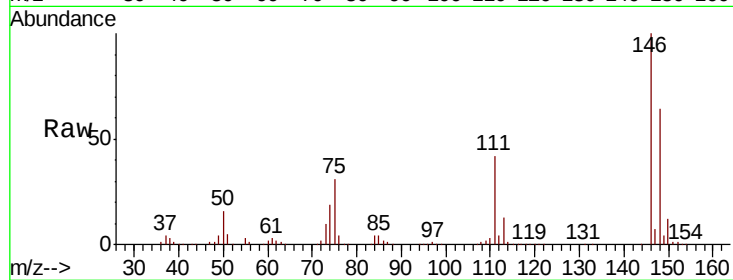
ClientSampled :

TP-1MS

Tot Ion:	146	Resp:	721269
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.6	77.4
111	41.9	32.9	49.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 38.276 ng

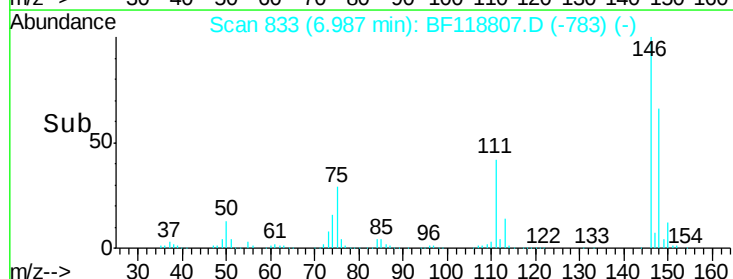
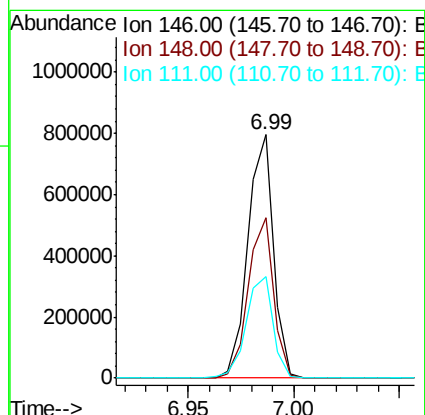
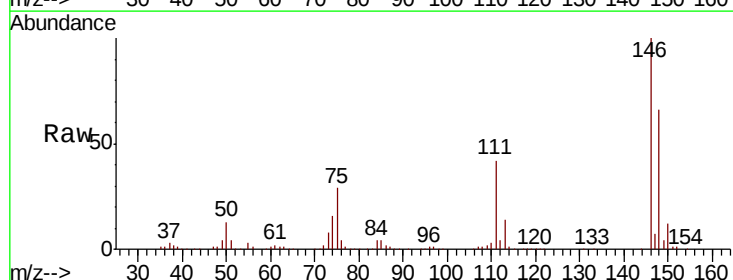
RT: 6.99 min Scan# 833

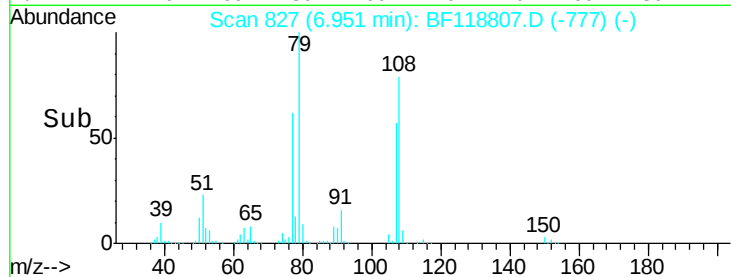
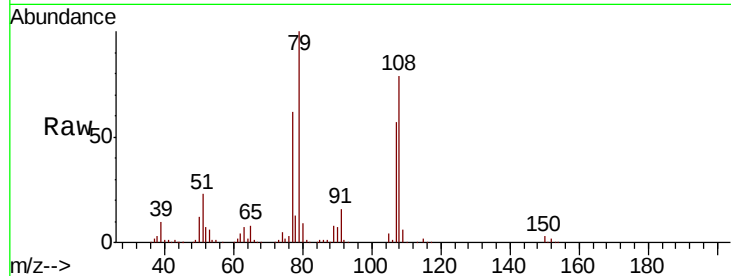
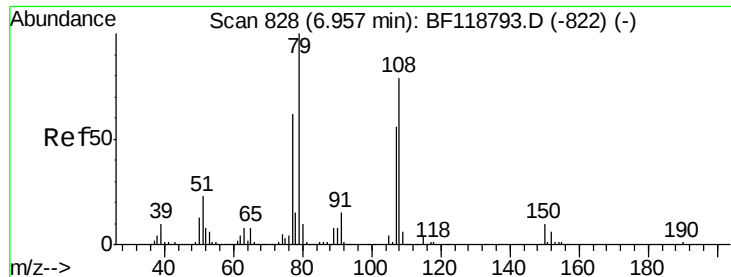
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	146	Resp:	666926
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.6	77.4
111	41.9	32.7	49.1





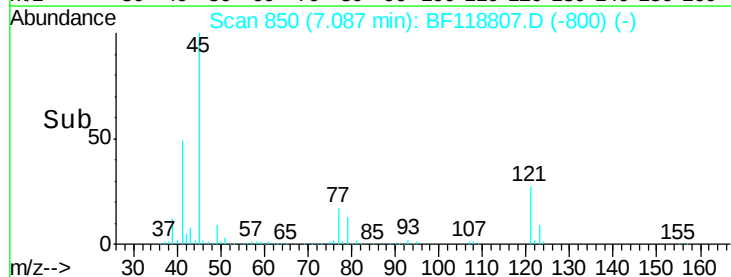
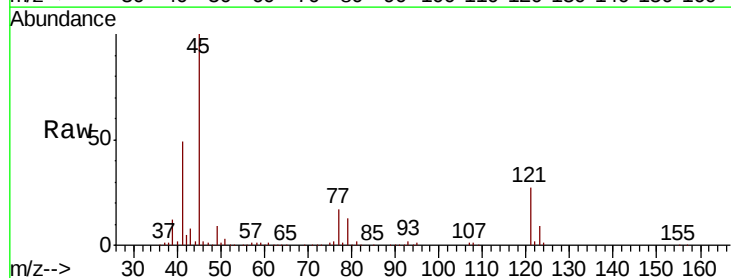
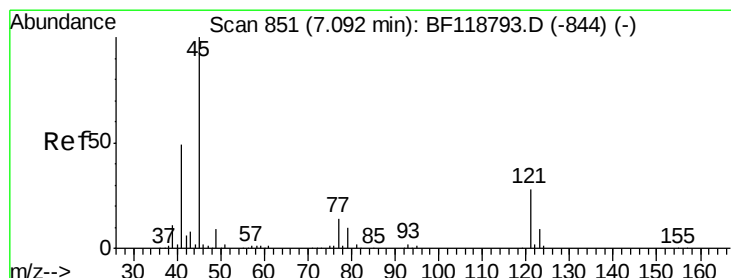
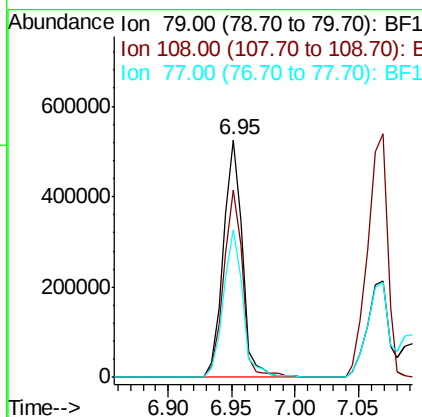
#15
Benzyl Alcohol
Concen: 41.433 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.6	62.9	94.3	
77	62.3	50.0	75.0	

Instrument :
BNA_F
ClientSampleId :
TP-1MS

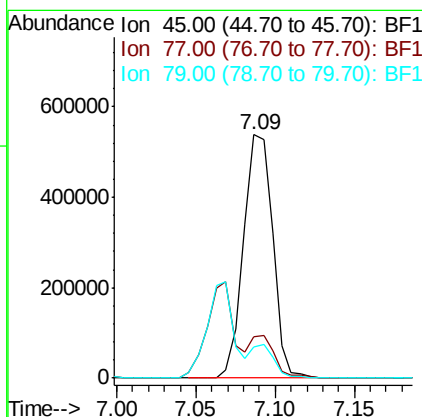
Manual Integrations
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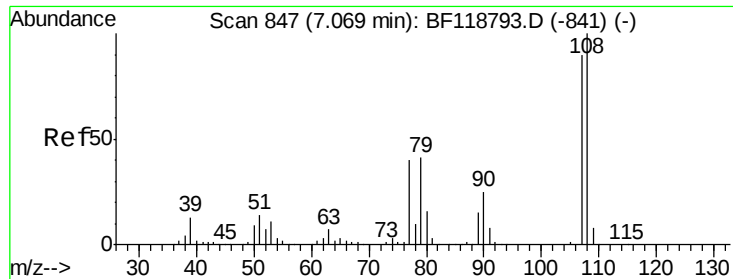
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.669 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.2	0.0	37.1	
79	13.0	0.0	33.1	





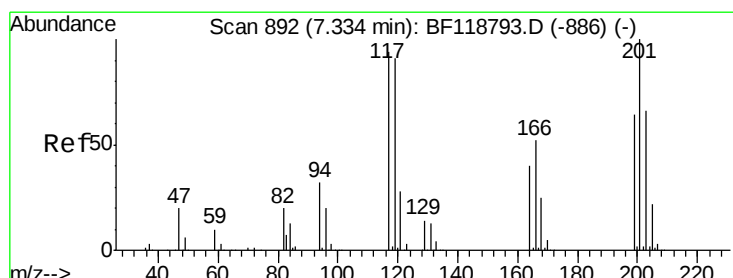
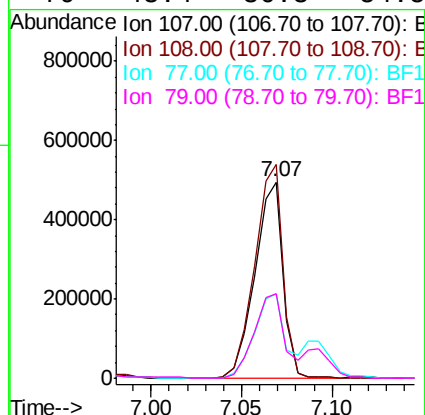
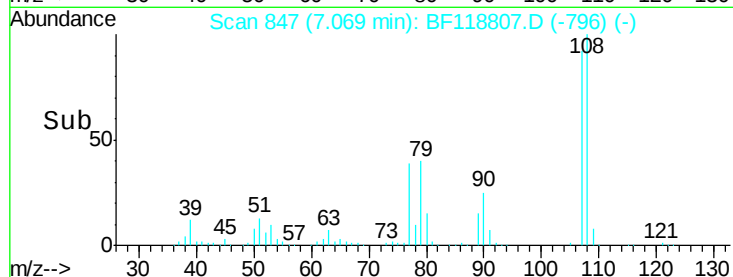
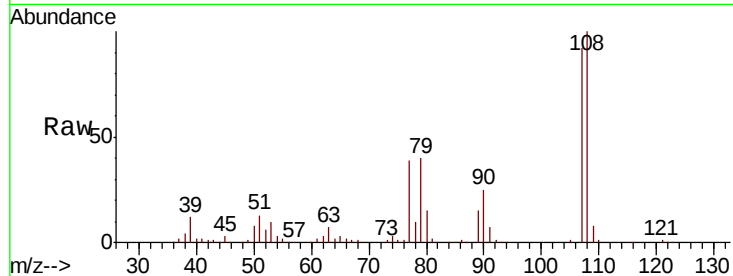
#17
2-Methylphenol
Concen: 41.484 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.0	89.3	133.9	
77	42.8	36.2	54.2	
79	43.4	36.3	54.5	

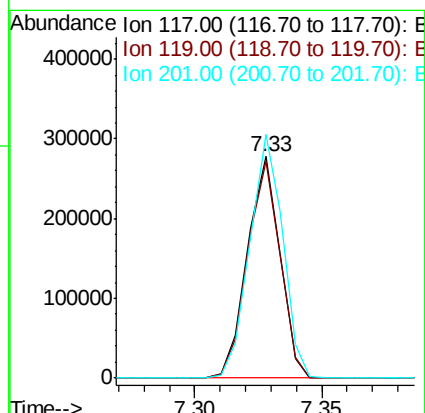
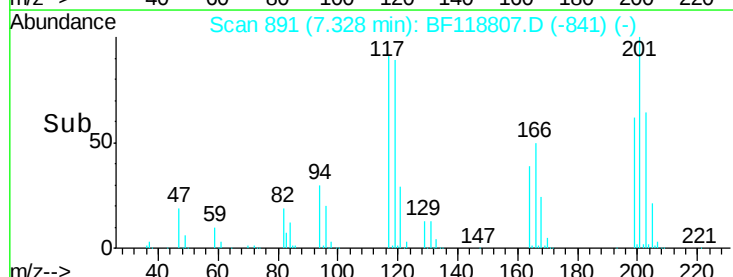
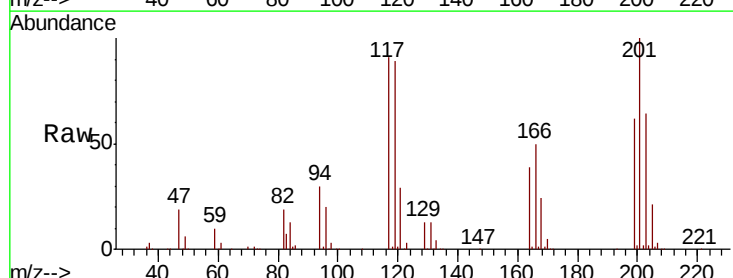
Manual Integrations
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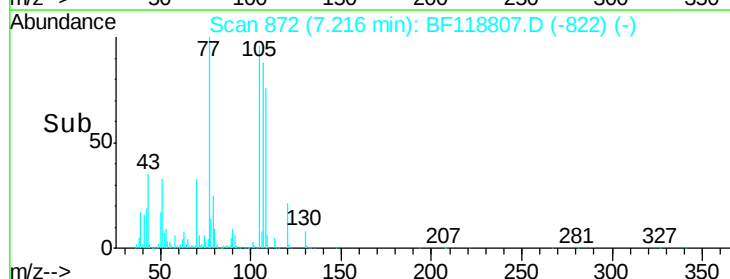
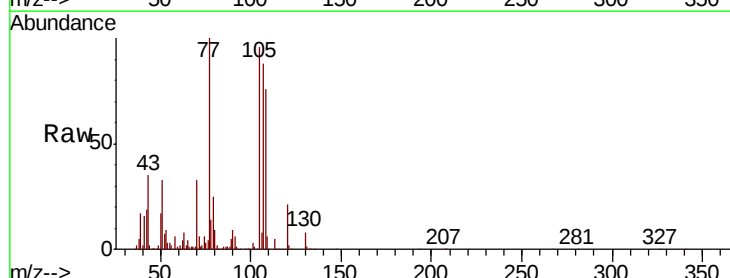
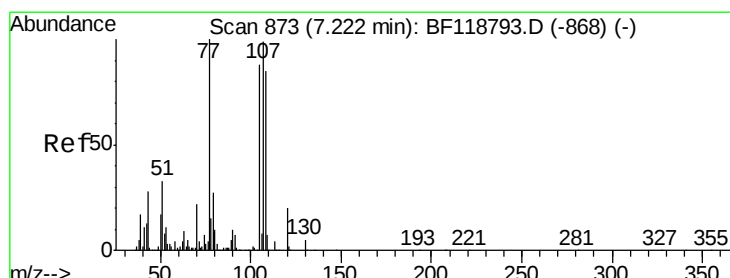
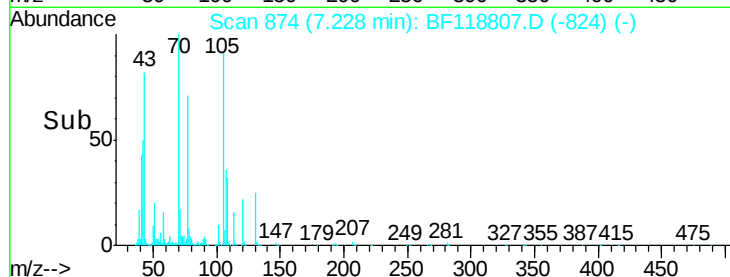
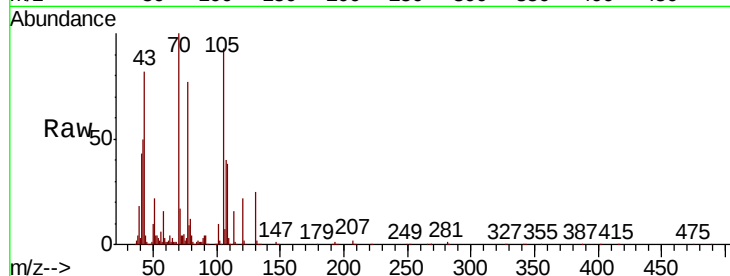
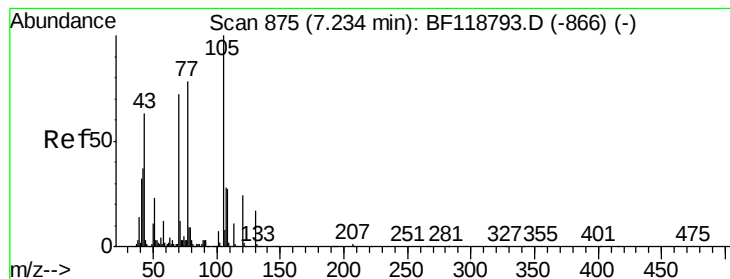
mohammad
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#18
Hexachloroethane
Concen: 38.166 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	77.4	116.0	
201	109.9	85.1	127.7	





#19

n-Nitroso-di-n-propylamine

Concen: 40.353 ng

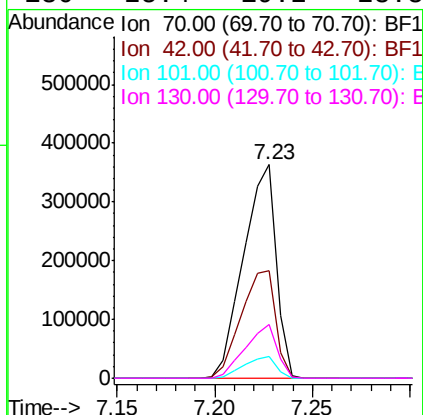
RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.3	41.5	62.3	
101	10.5	8.3	12.5	
130	25.4	19.2	28.8	



Instrument :

BNA_F

ClientSampled :

TP-1MS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 39.102 ng

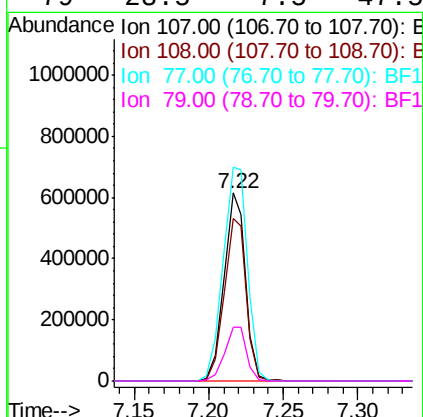
RT: 7.22 min Scan# 872

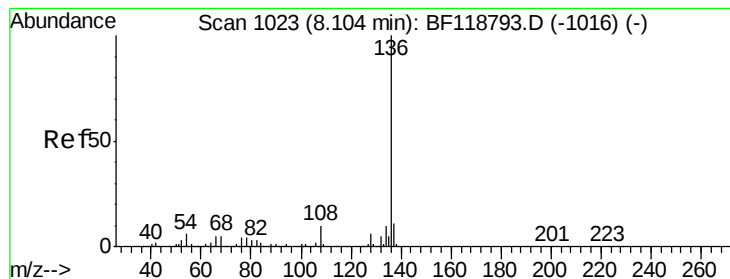
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	65.9	105.9	
77	113.7	80.9	120.9	
79	28.5	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

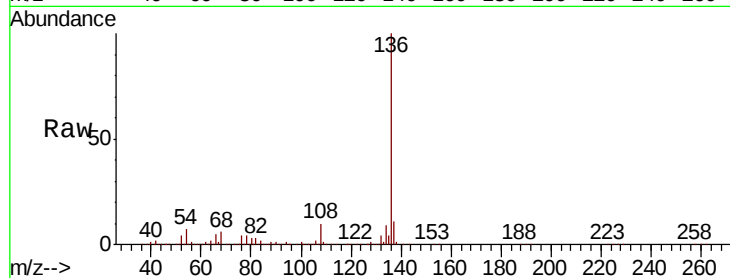
ClientSampleId :

TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		992255		
137	11.3		8.7	13.1	
54	6.8		5.0	7.6	
68	5.9		4.2	6.4	

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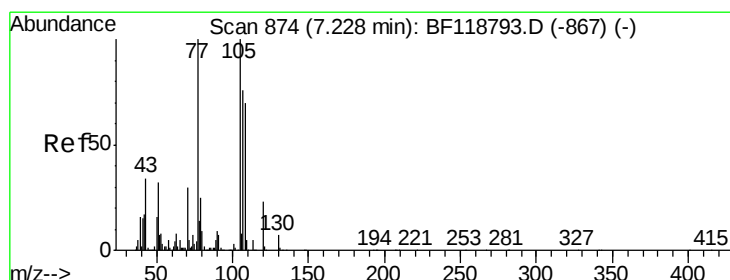
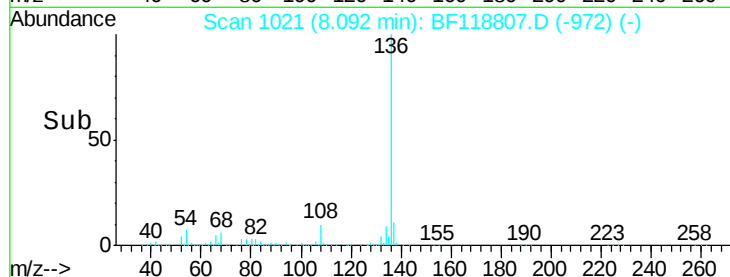
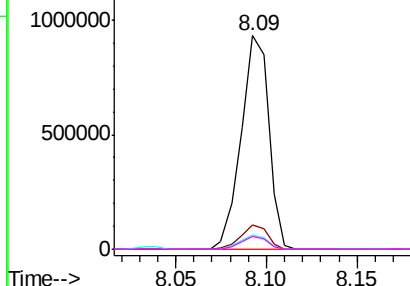


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.020 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

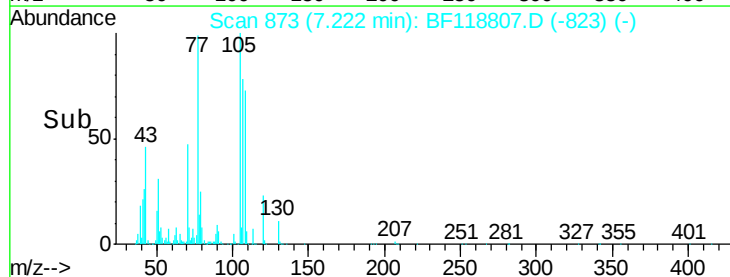
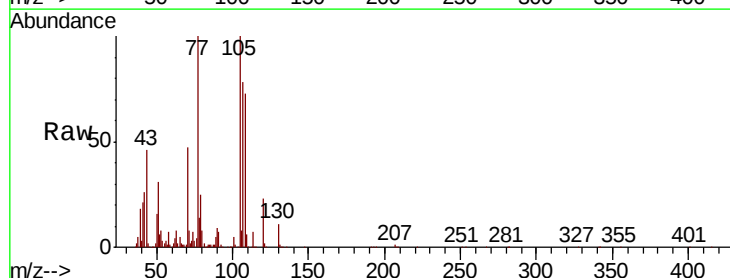
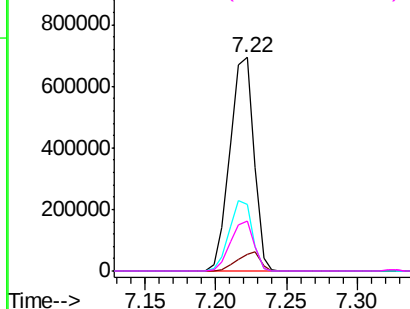
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		819642		
71	7.8		4.2	6.4#	
51	31.1		25.5	38.3	
120	23.3		18.6	28.0	

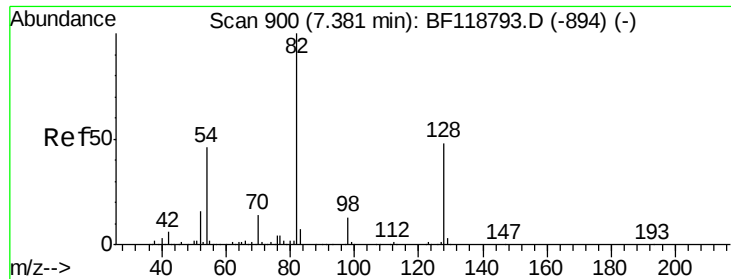
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





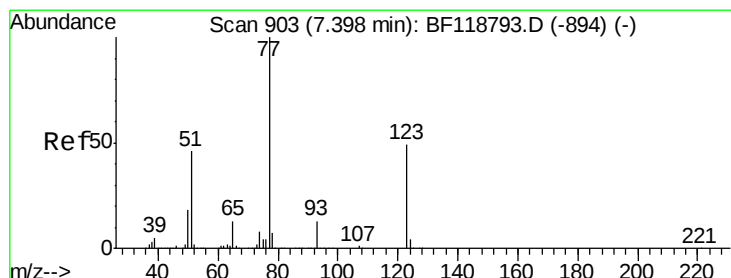
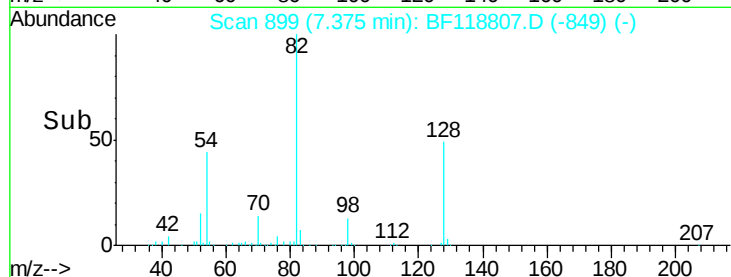
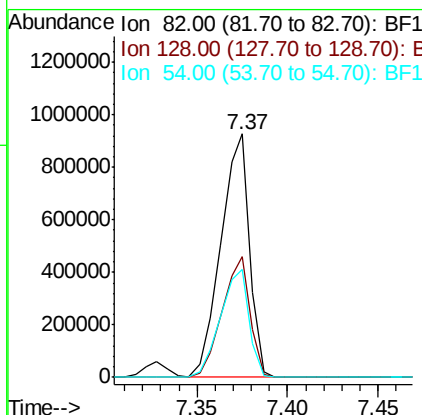
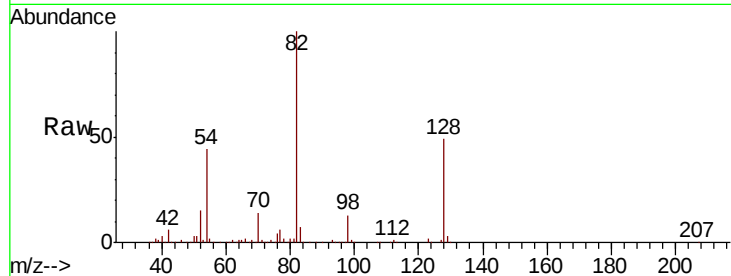
#23
 Nitrobenzene-d5
 Concen: 60.988 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion: 82 Resp: 1015284
 Ion Ratio Lower Upper
 82 100
 128 49.4 38.5 57.7
 54 44.2 36.7 55.1

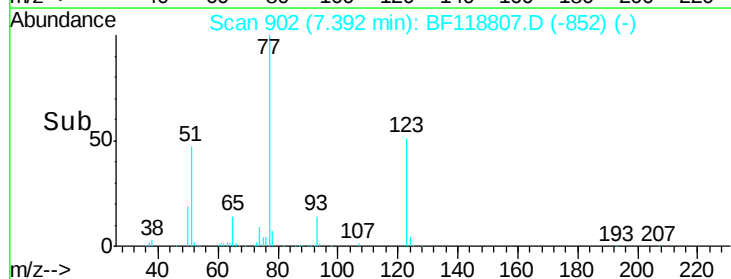
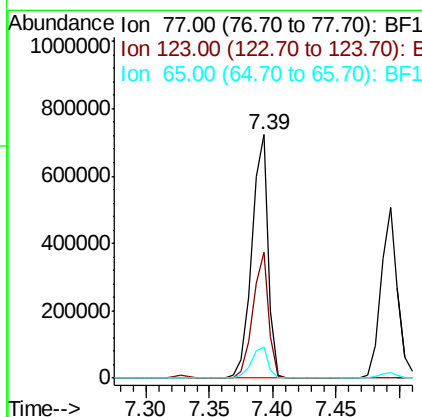
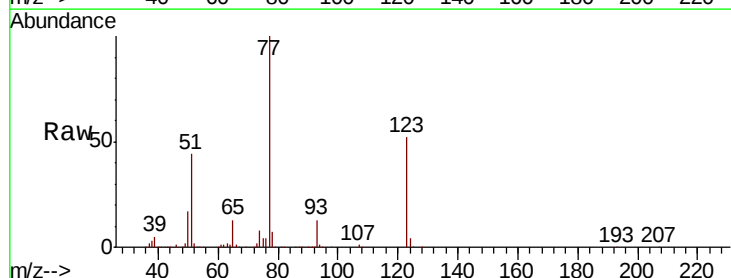
Manual Integrations
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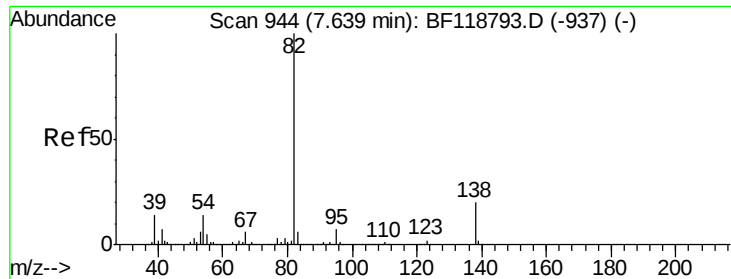
mohammad
 2/6/2020 2:17:06 PM



#24
 Nitrobenzene
 Concen: 39.058 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion: 77 Resp: 649550
 Ion Ratio Lower Upper
 77 100
 123 51.7 39.0 58.4
 65 12.9 10.6 15.8





#25

Isophorone

Concen: 39.638 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion: 82 Resp: 1185906

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

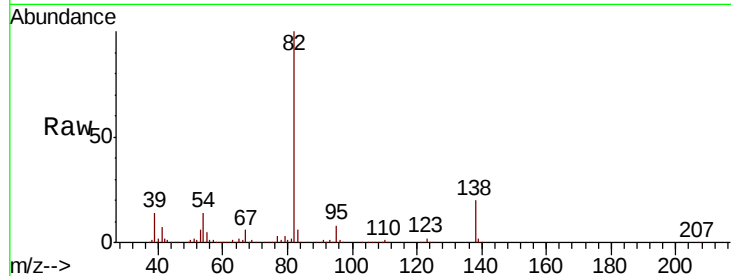
138 20.2 15.7 23.5

Manual Integrations

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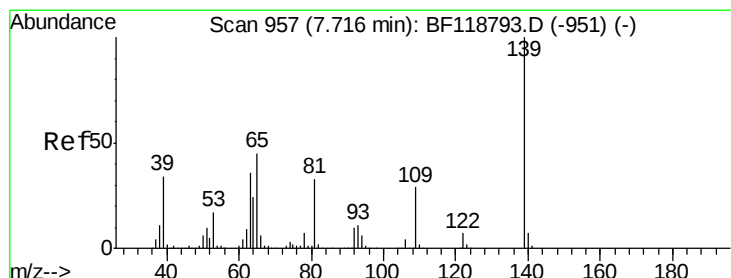
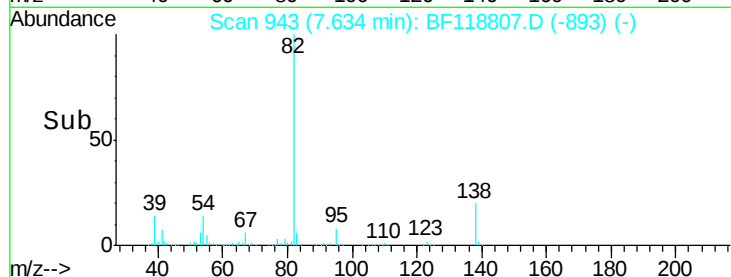
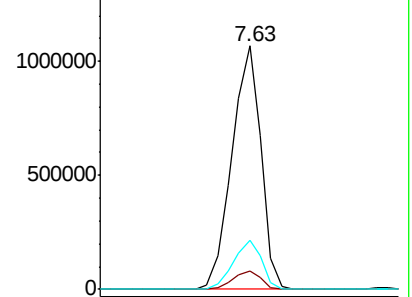
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.238 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

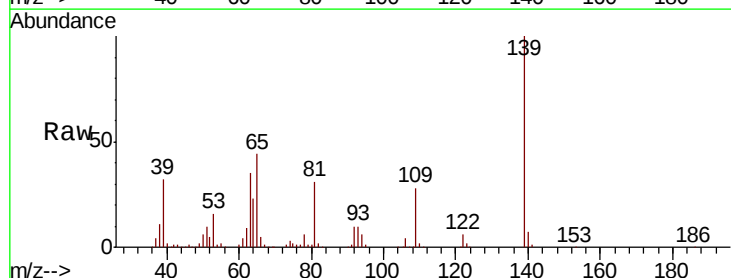
Tgt Ion: 139 Resp: 356581

Ion Ratio Lower Upper

139 100

109 28.5 23.4 35.0

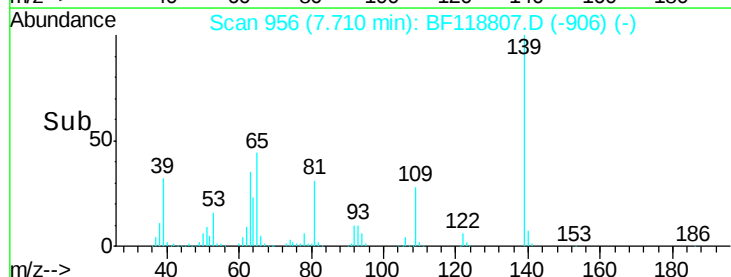
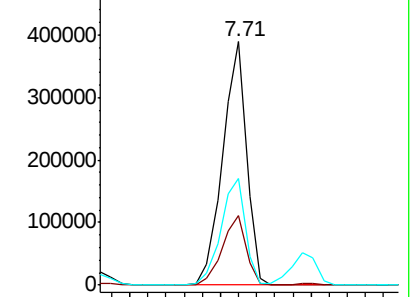
65 43.6 36.2 54.2

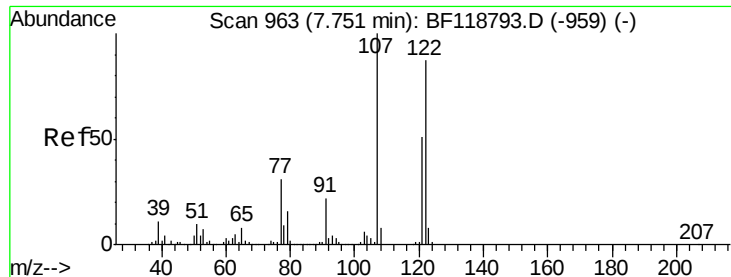


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





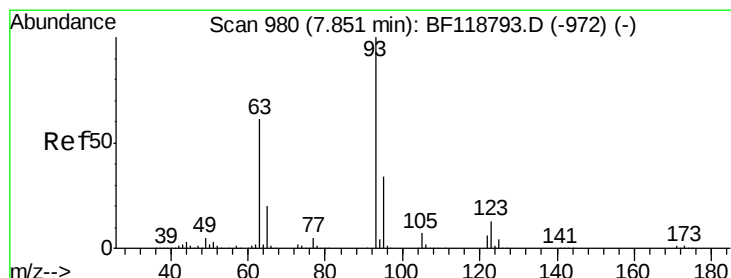
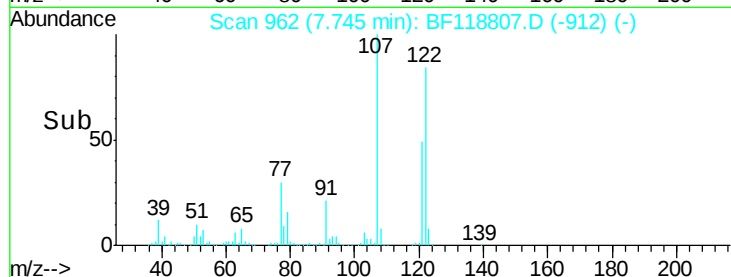
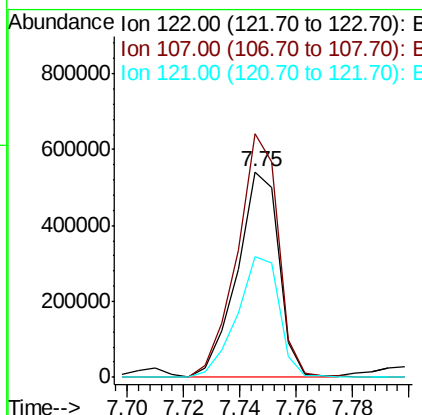
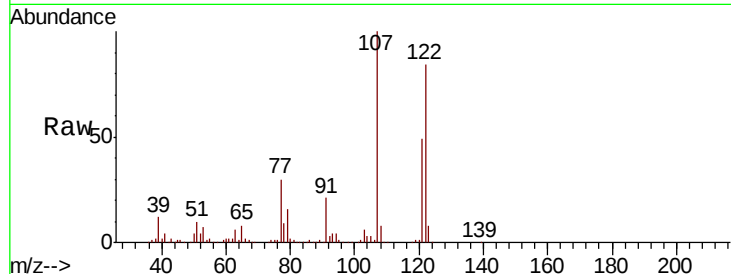
#27
2,4-Dimethylphenol
Concen: 46.255 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	556811		
107	118.5	92.2	138.2	
121	58.6	46.8	70.2	

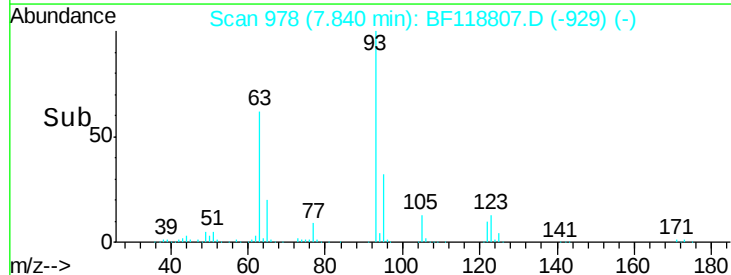
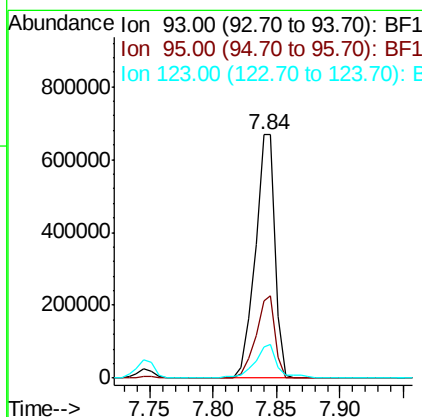
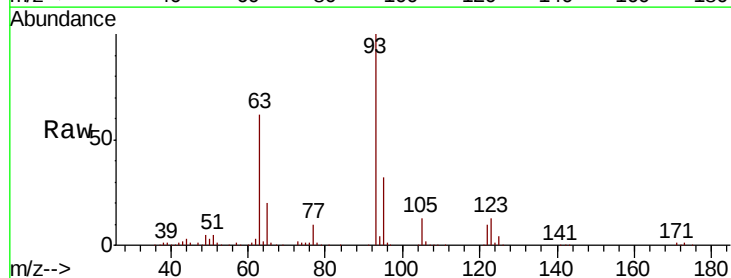
Manual Integrations
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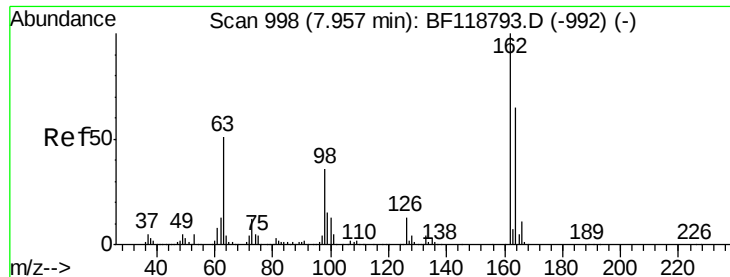
mohammad
2/6/2020 2:17:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.936 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	735978		
95	31.8	27.0	40.4	
123	12.8	10.6	15.8	





#29

2,4-Dichlorophenol

Concen: 39.455 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

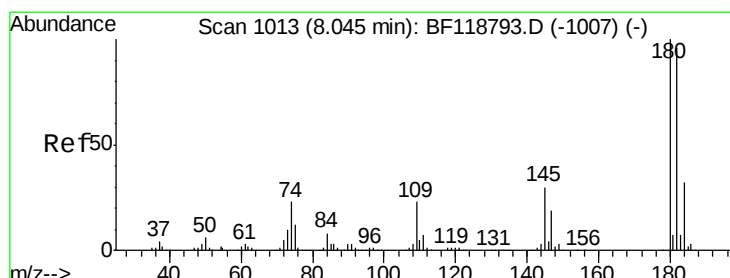
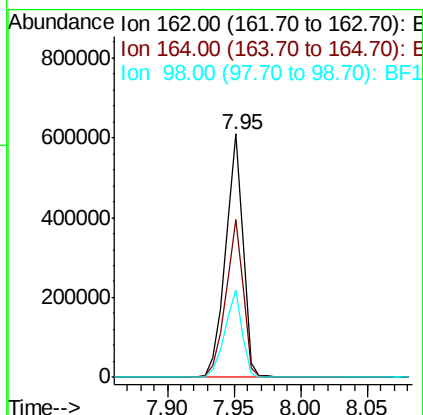
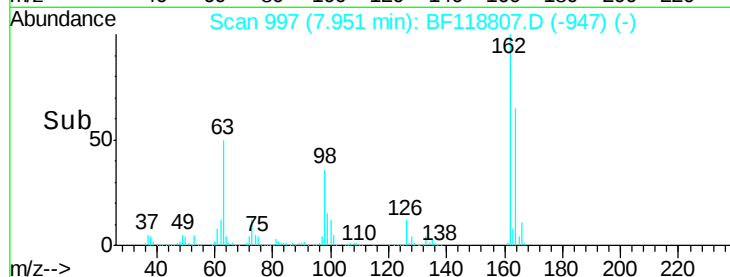
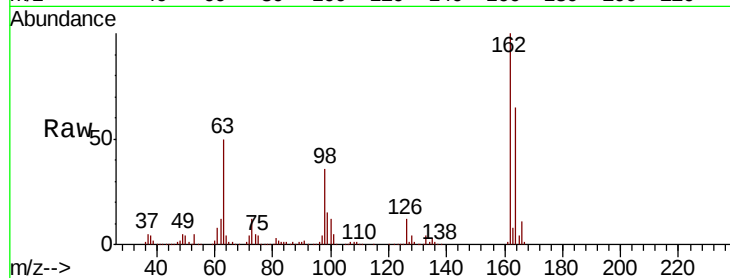
ClientSampleId :

TP-1MS

Tot Ion:	162	Resp:	568795
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.8	84.8
98	36.1	16.4	56.4

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#30

1,2,4-Trichlorobenzene

Concen: 38.039 ng

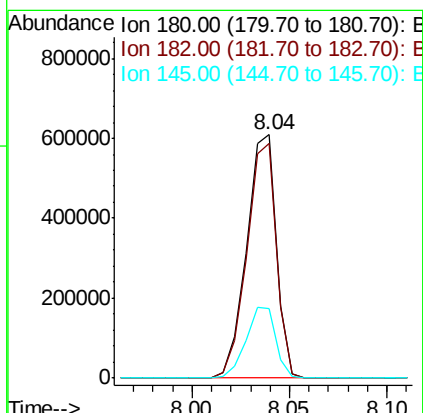
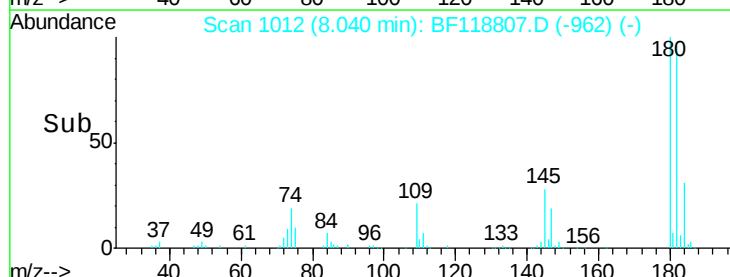
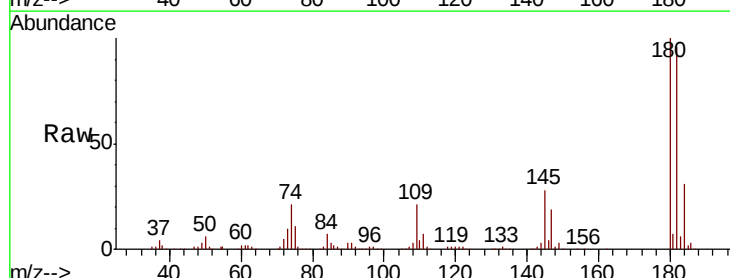
RT: 8.04 min Scan# 1012

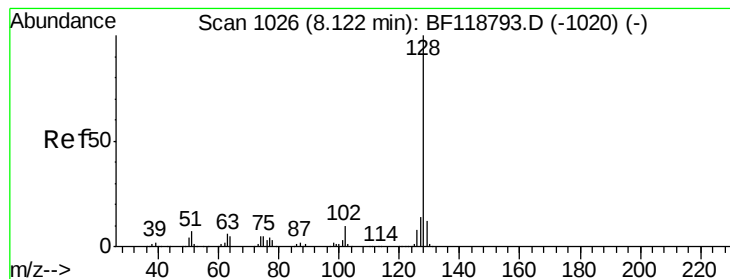
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	180	Resp:	640978
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.6	115.0
145	28.4	24.0	36.0





#31

Naphthalene

Concen: 40.468 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampled :

TP-1MS

Tot Ion:128 Resp: 1836486

Ion Ratio Lower Upper

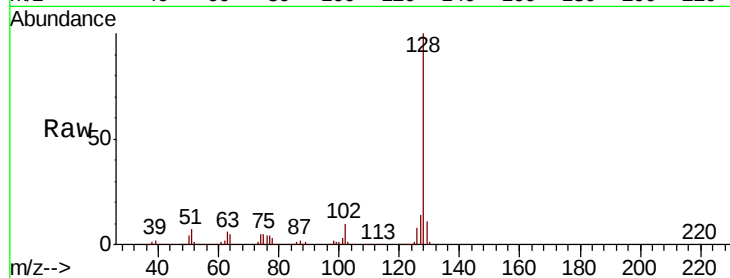
128 100

129 11.5 9.4 14.2

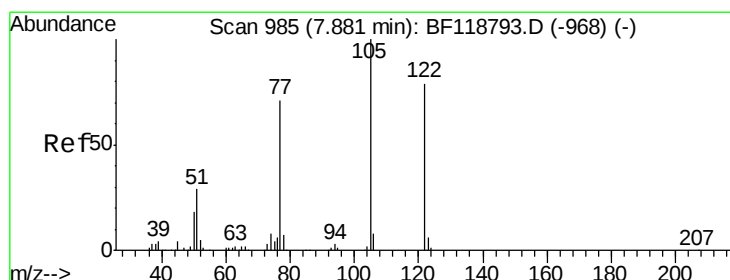
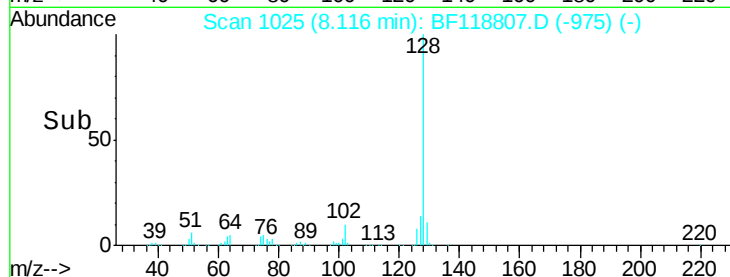
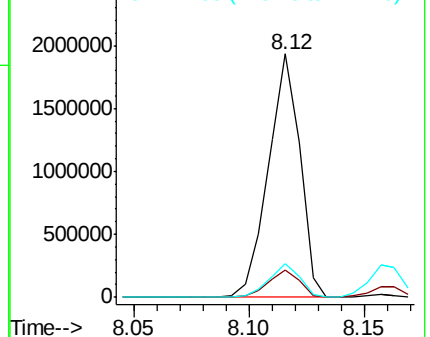
127 13.8 11.3 16.9

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



#32

Benzoic acid

Concen: 35.208 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

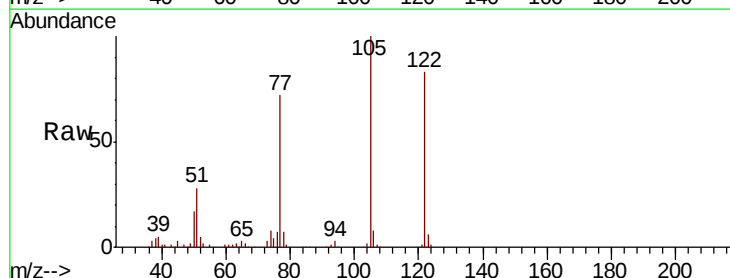
Tgt Ion:122 Resp: 350903

Ion Ratio Lower Upper

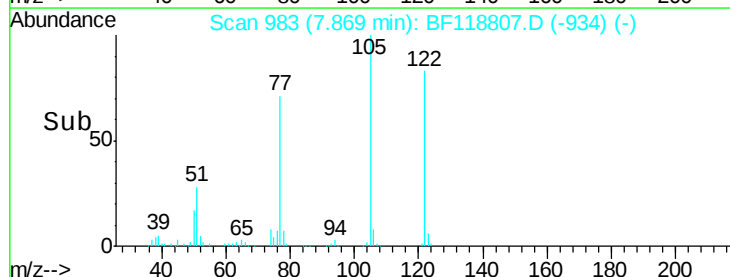
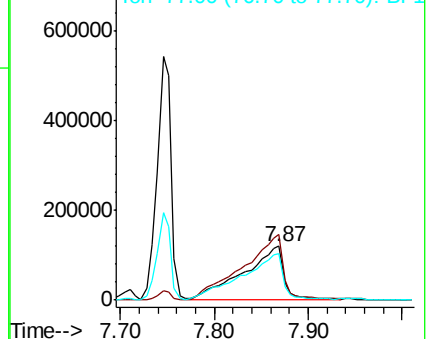
122 100

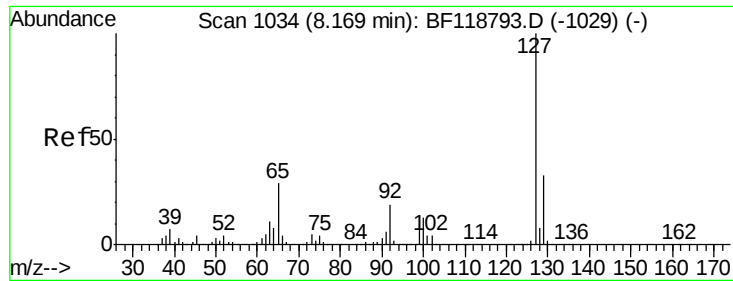
105 120.9 104.4 144.4

77 86.5 69.3 109.3



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





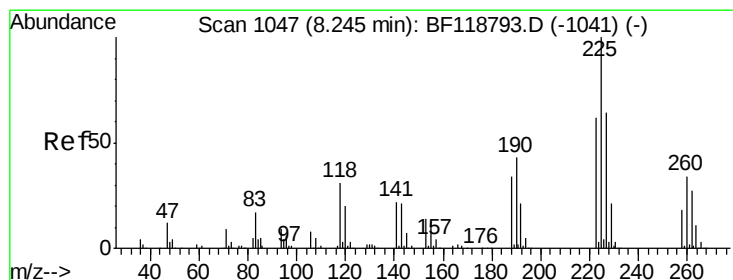
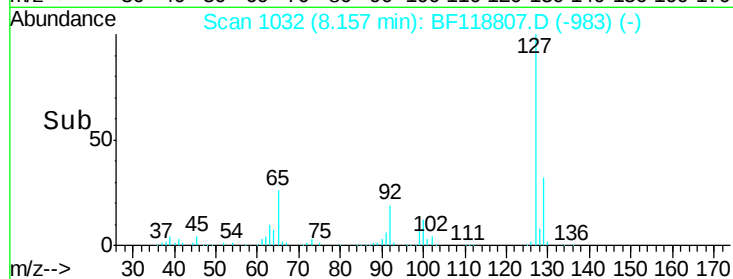
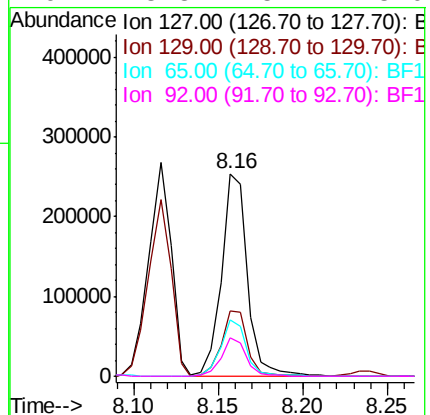
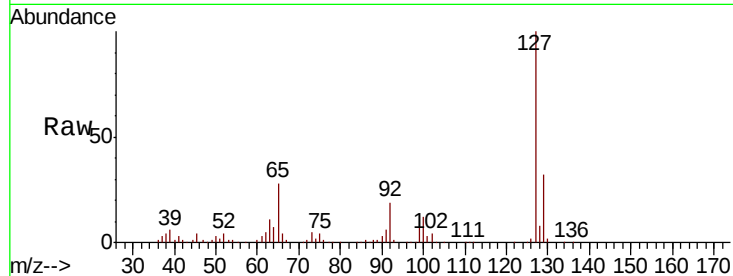
#33
 4-Chloroaniline
 Concen: 13.336 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.7	40.1		
65	27.9	22.9	34.3		
92	18.8	15.4	23.0		

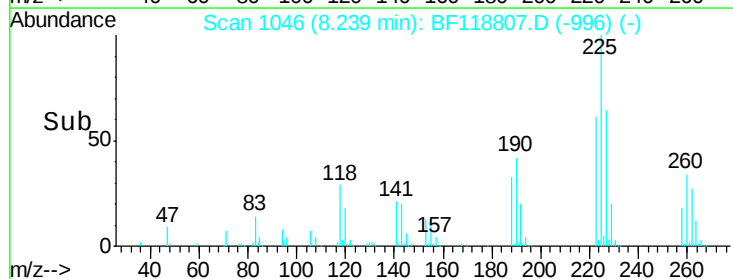
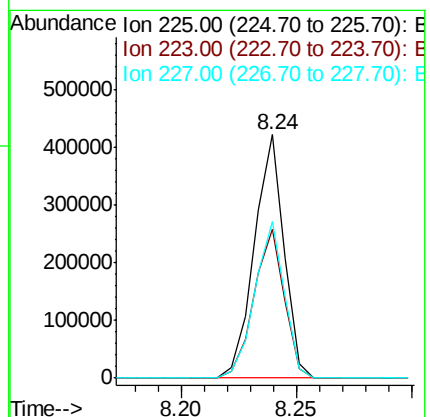
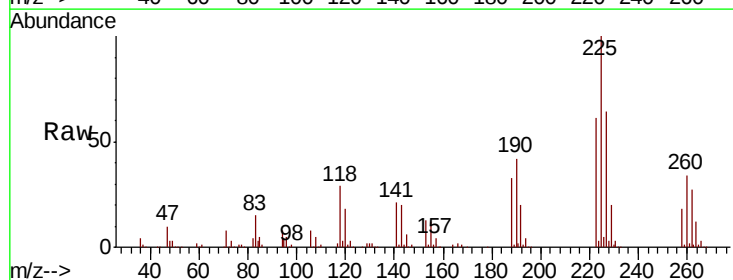
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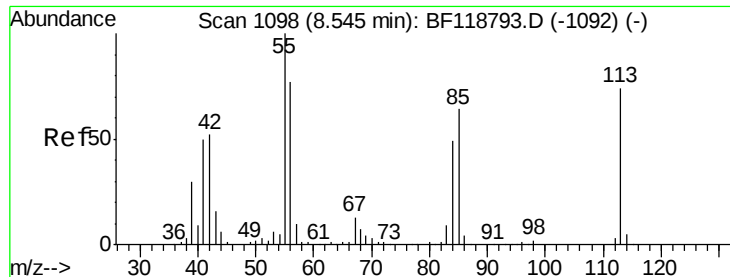
mohammad
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#34
 Hexachlorobutadiene
 Concen: 36.810 ng
 RT: 8.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	49.8	74.8		
227	64.1	51.0	76.4		





#35

Caprolactam

Concen: 37.936 ng/mL

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampleID :

TP-1MS

Tot Ion:113 Resp: 177289

Ion Ratio Lower Upper

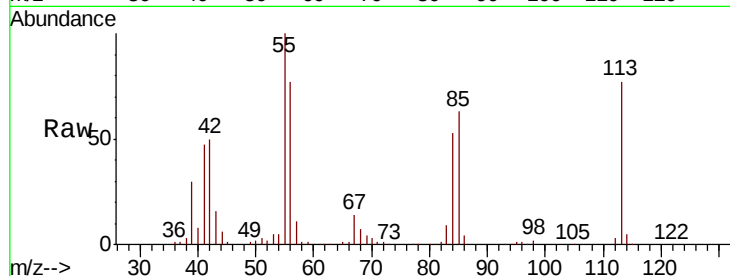
113 100

55 129.9 115.5 155.5

56 99.8 83.7 123.7

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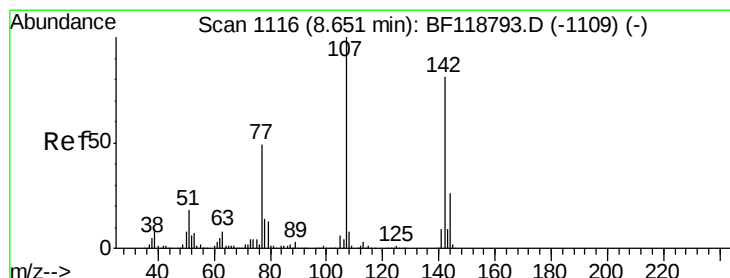
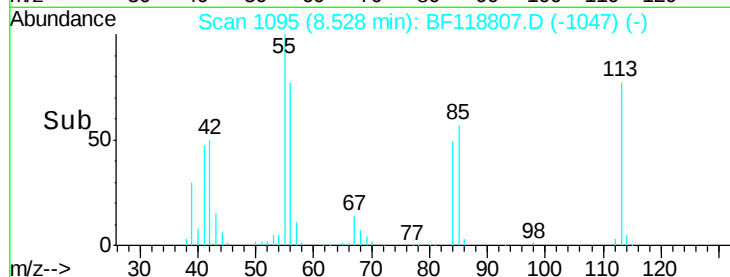
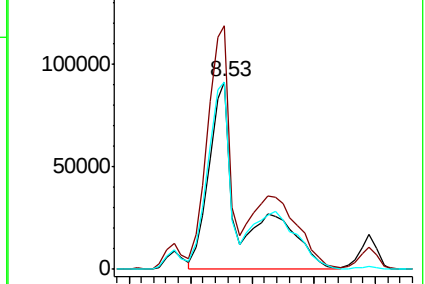
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.985 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

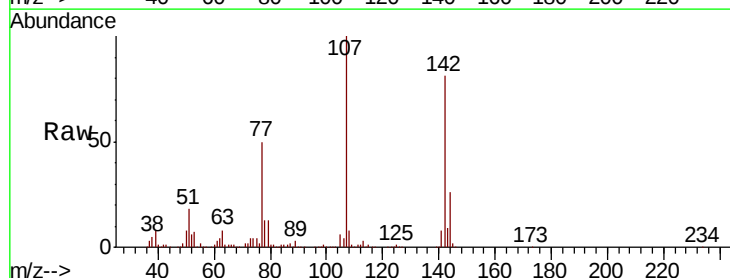
Tgt Ion:107 Resp: 580107

Ion Ratio Lower Upper

107 100

144 26.0 21.0 31.6

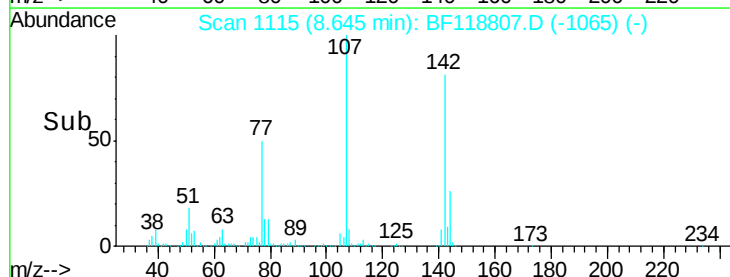
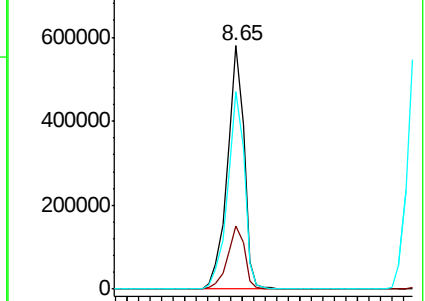
142 81.3 64.8 97.2

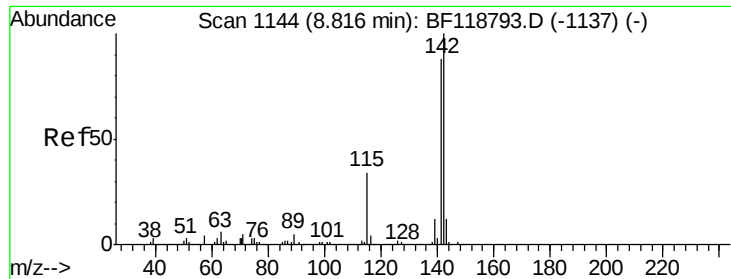


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





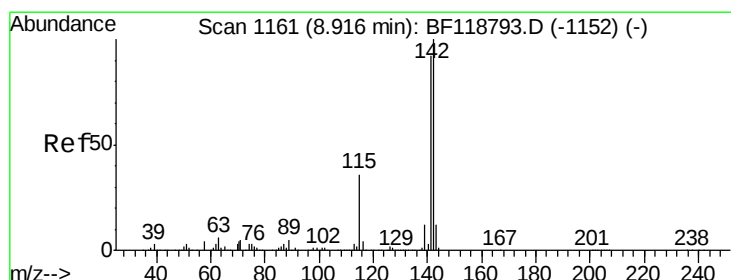
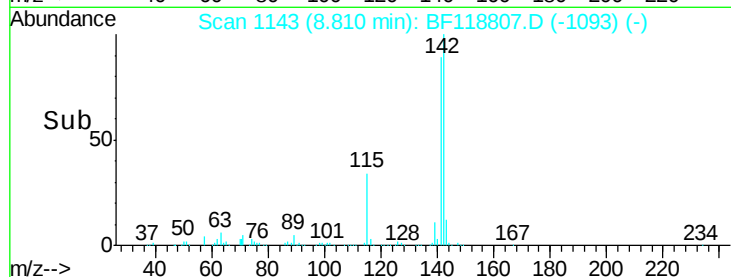
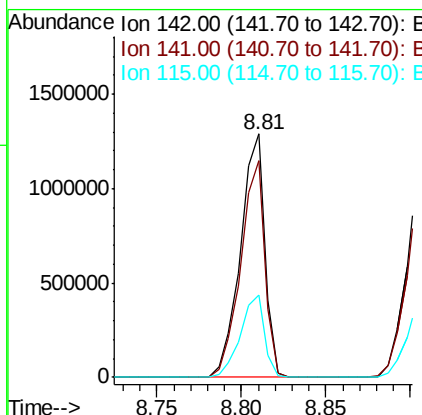
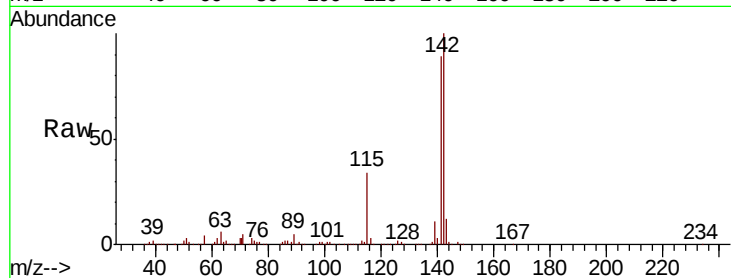
#37
2-Methylnaphthalene
Concen: 41.300 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.1	105.1
115	33.9	27.3	40.9

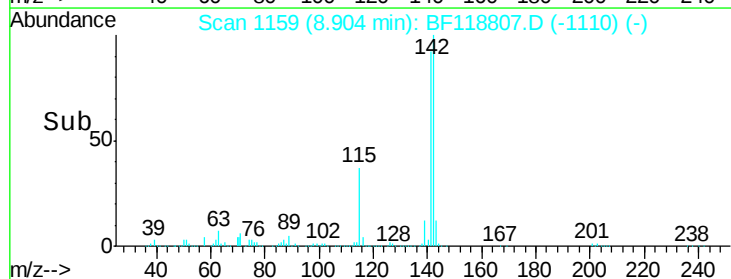
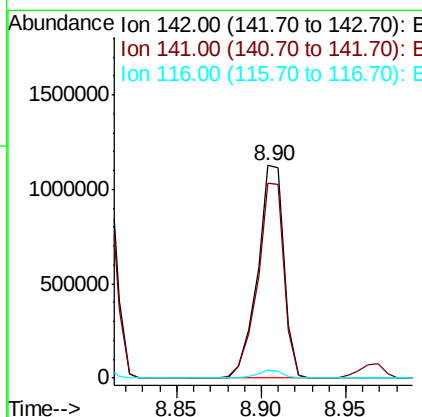
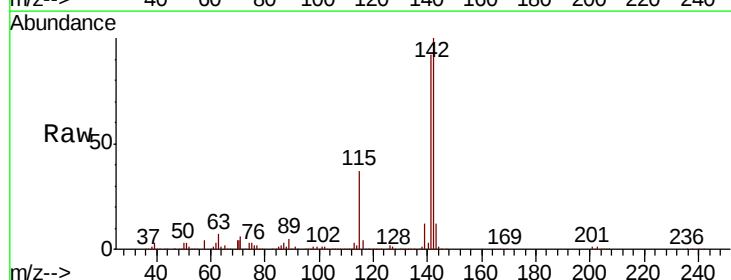
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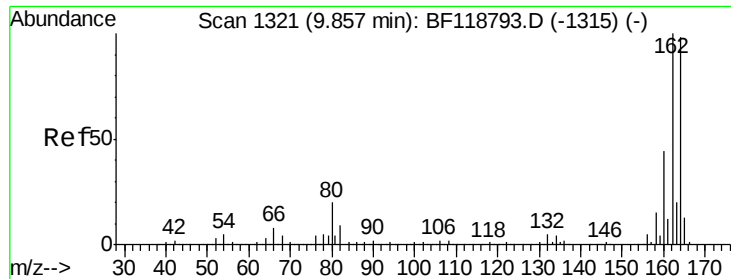
mohammad
2/6/2020 2:17:06 PM



#38
1-Methylnaphthalene
Concen: 40.983 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.8	110.6
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

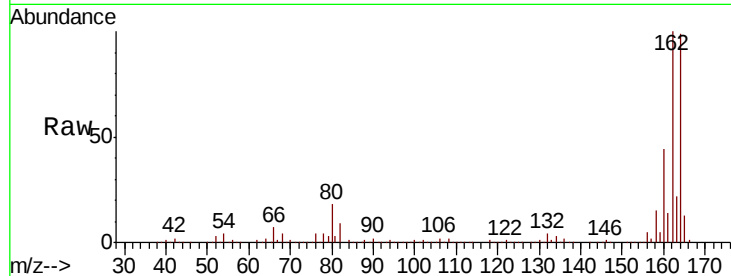
ClientSampleId :

TP-1MS

Tot Ion:	164	Resp:	563711
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.4	122.2
160	44.4	35.6	53.4

Manual Integrations
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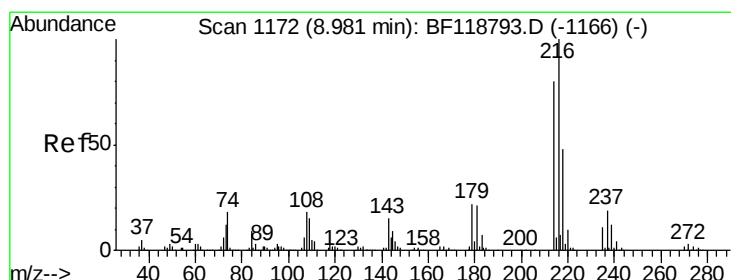
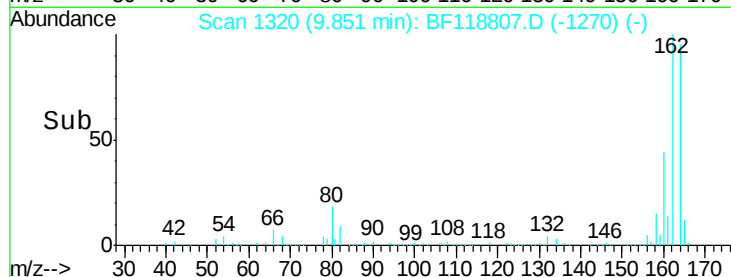
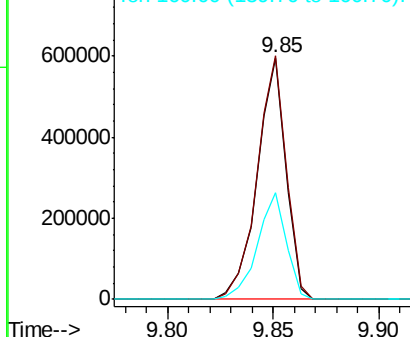


Abundance

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: 36.993 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	216	Resp:	629374
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.4
179	21.0	17.0	25.6
108	18.6	13.5	20.3

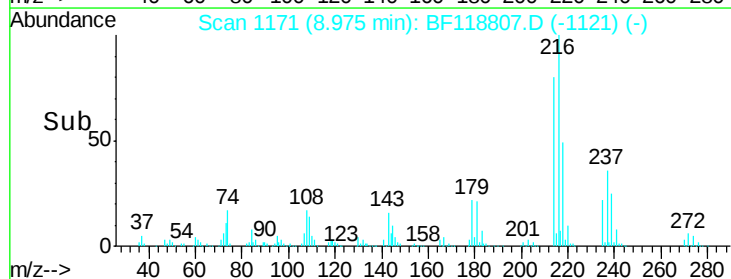
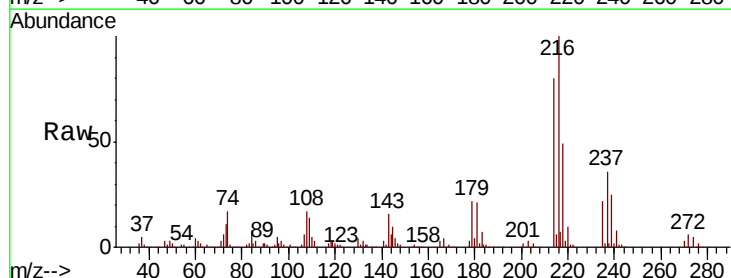
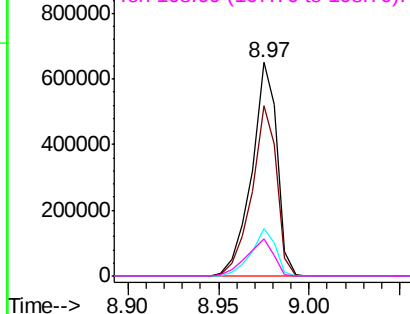
Abundance

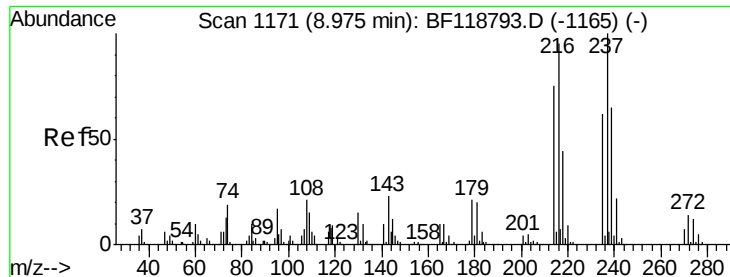
Ion 216.00 (215.70 to 216.70): E

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: 99.213 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

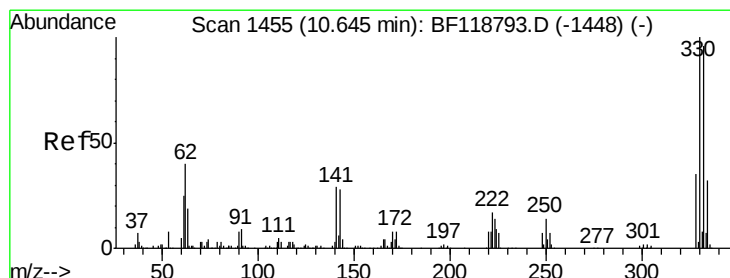
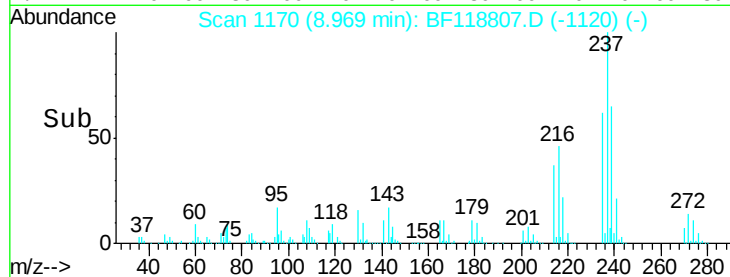
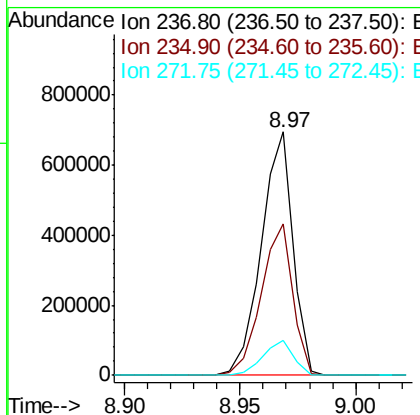
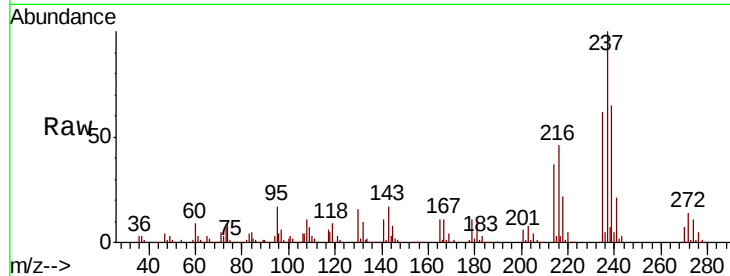
ClientSampled :

TP-1MS

Tot Ion:	237	Resp:	661868
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.1	82.1
272	14.5	0.0	34.4

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#42

2,4,6-Tribromophenol

Concen: 90.291 ng

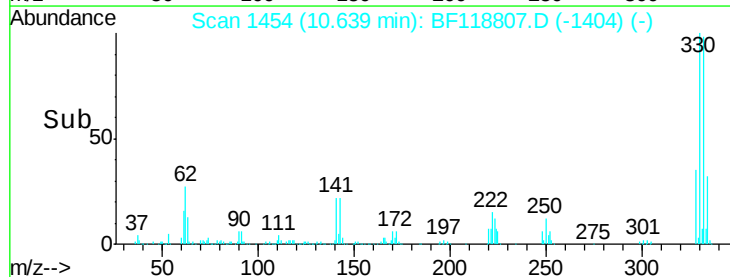
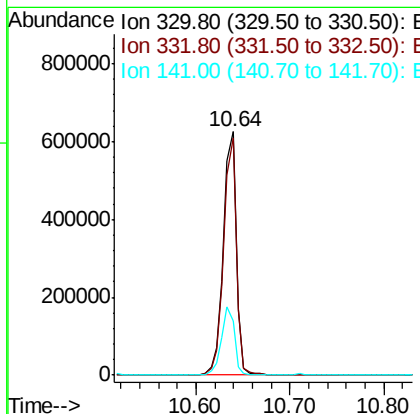
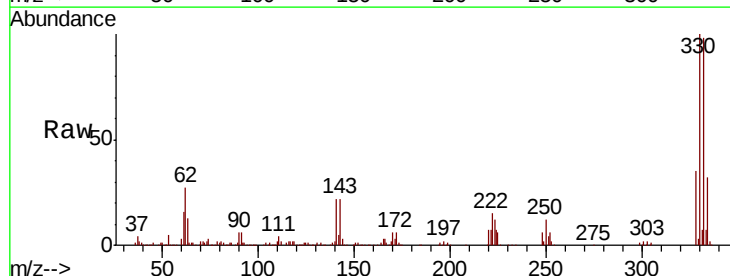
RT: 10.64 min Scan# 1454

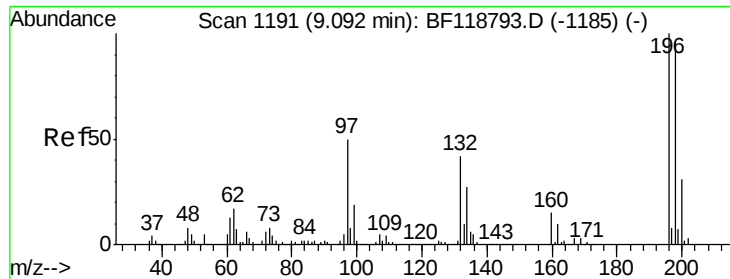
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	330	Resp:	609008
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.3	115.9
141	28.0	22.4	33.6





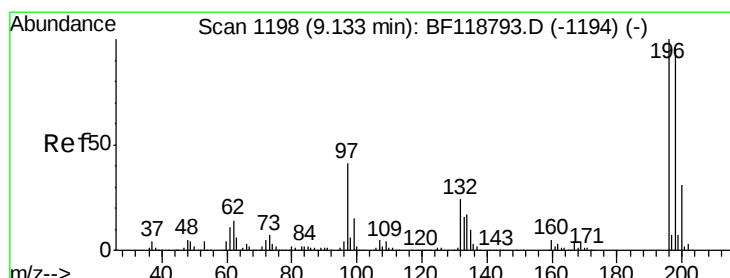
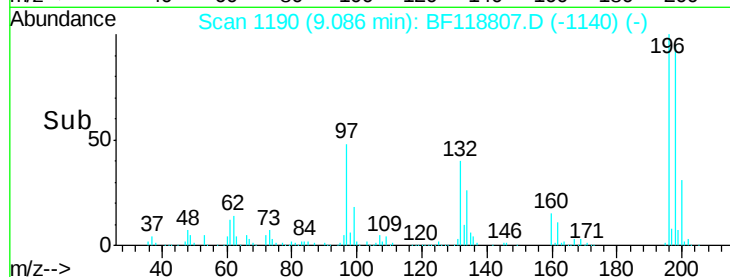
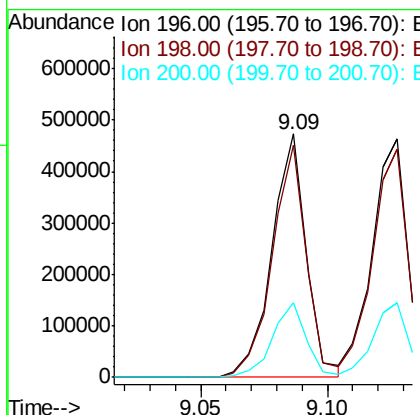
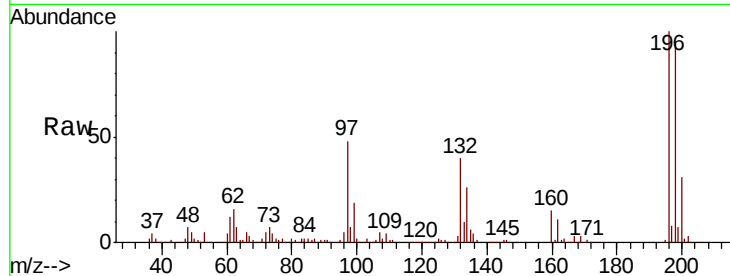
#43
 2,4,6-Trichlorophenol
 Concen: 38.890 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.7	115.1
200	30.5	24.9	37.3

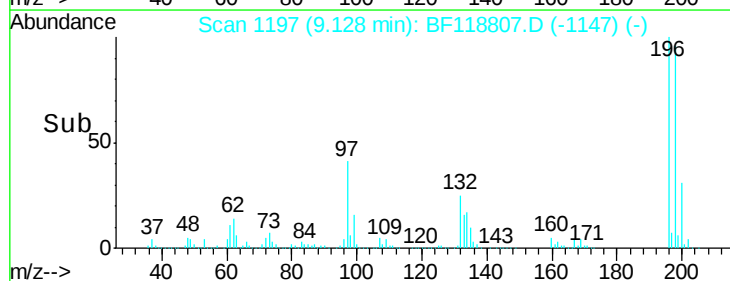
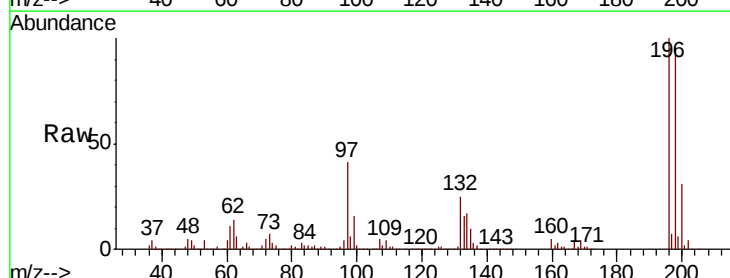
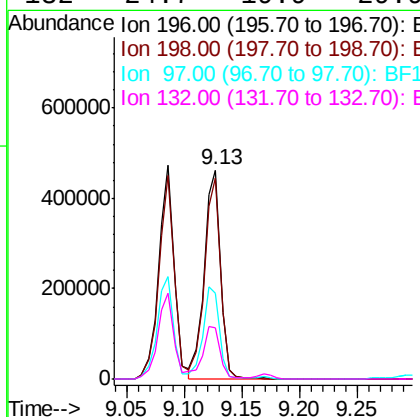
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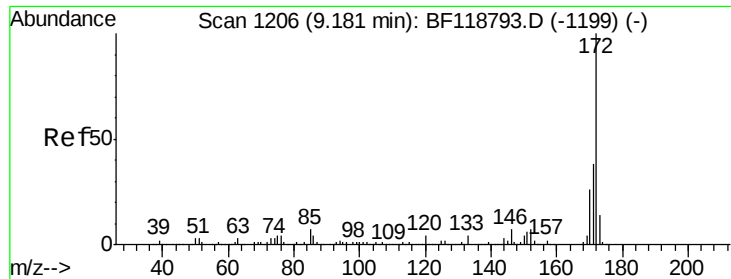
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.333 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.0	115.4
97	41.1	32.9	49.3
132	24.7	19.9	29.9





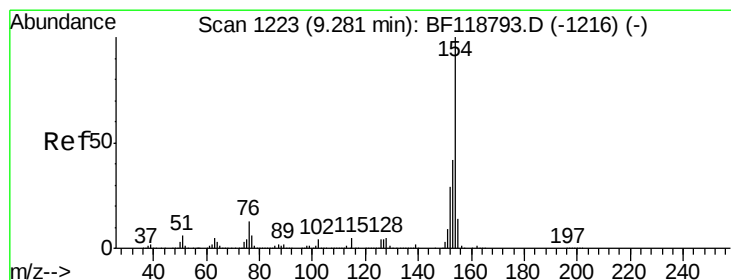
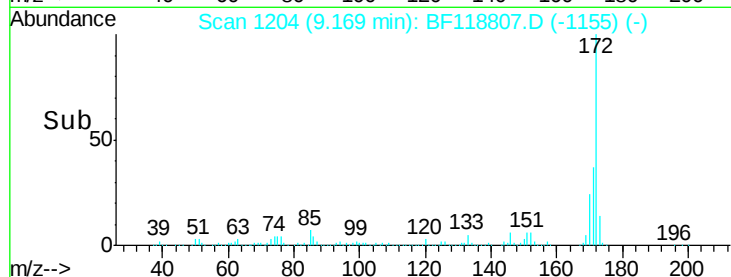
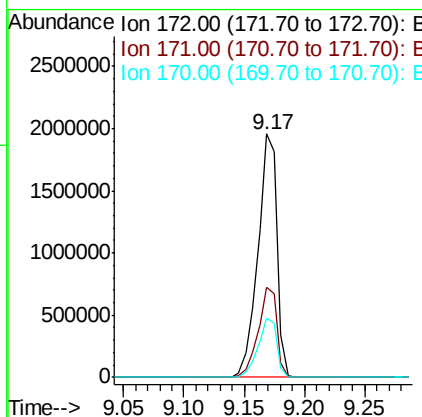
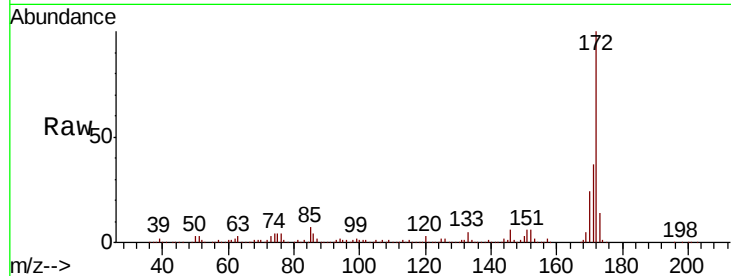
#45
2-Fluorobiphenyl
Concen: 68.264 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.8	46.2
170	24.3	20.5	30.7

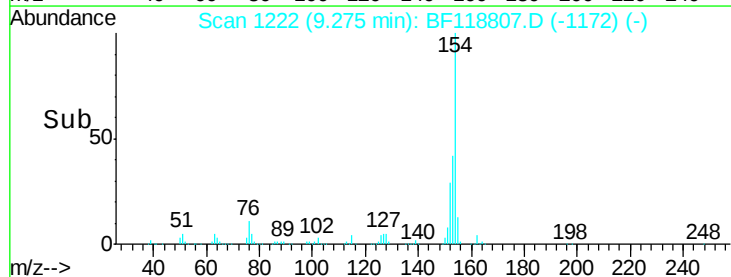
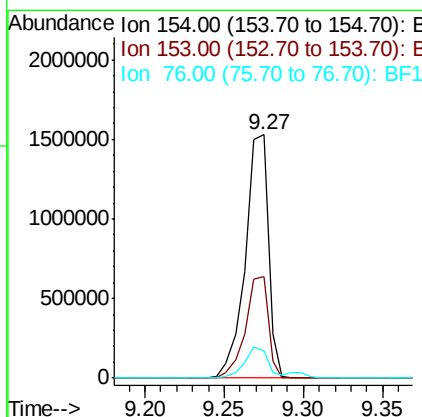
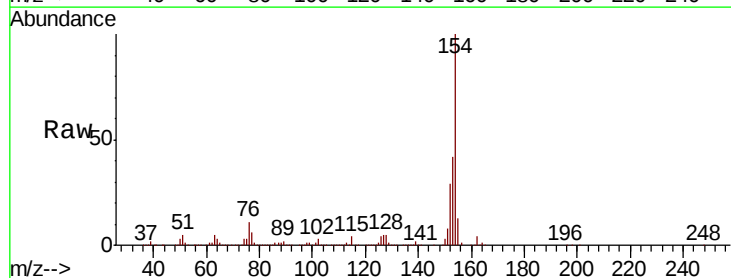
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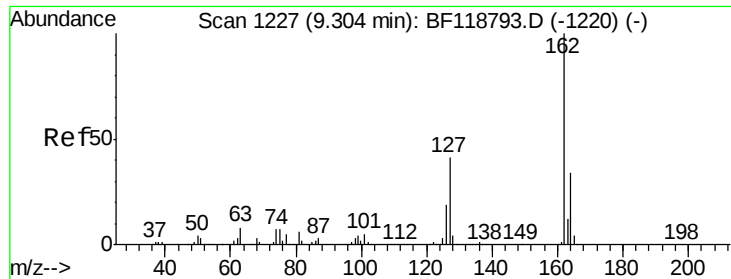
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#46
1,1'-Biphenyl
Concen: 39.462 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.4	62.4
76	11.2	0.0	32.7





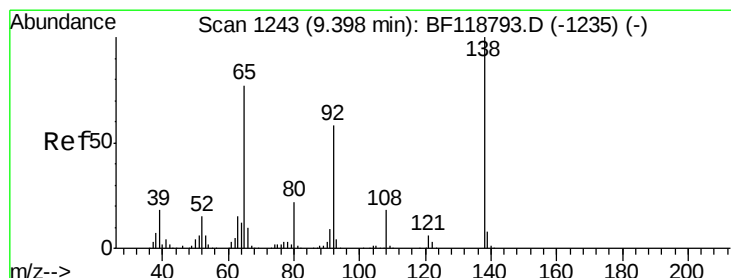
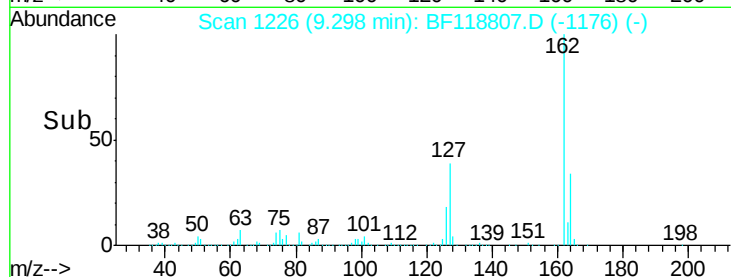
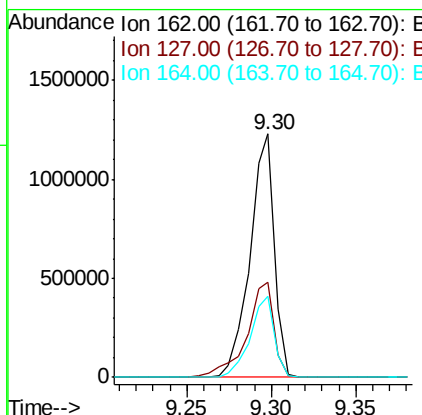
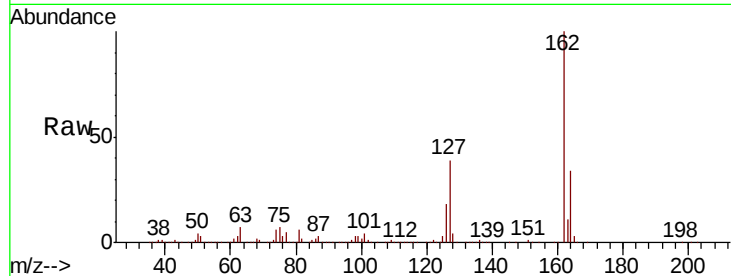
#47
 2-Chloronaphthalene
 Concen: 38.249 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:	162	Resp:	1239938
Ion	Ratio	Lower	Upper
162	100		
127	39.2	33.3	49.9
164	33.5	27.1	40.7

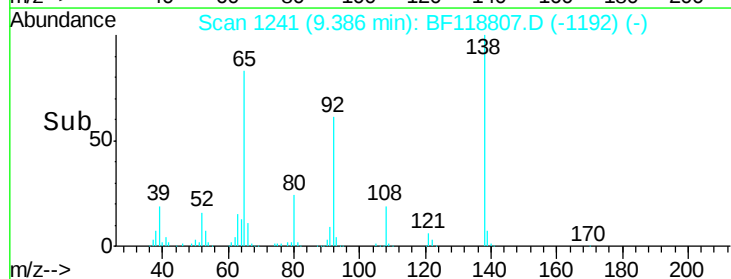
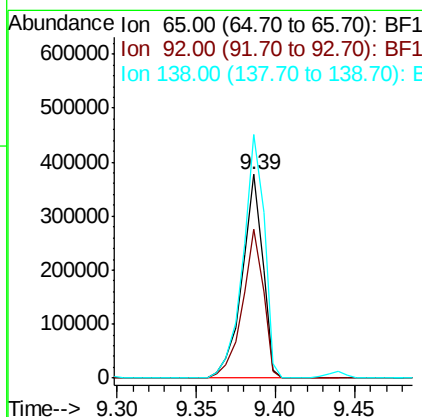
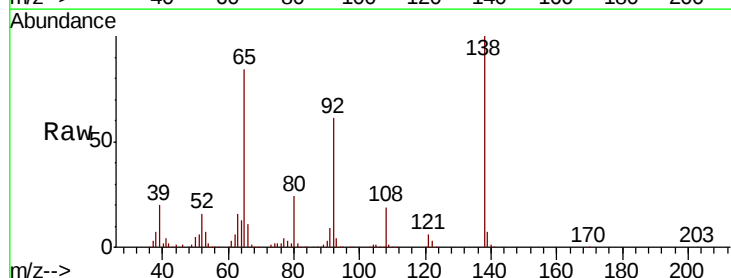
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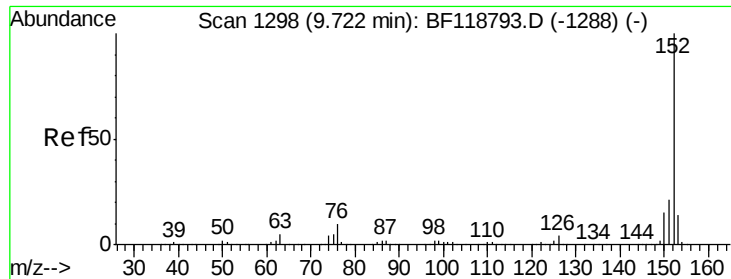
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#48
 2-Nitroaniline
 Concen: 36.497 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:	65	Resp:	341237
Ion	Ratio	Lower	Upper
65	100		
92	72.8	60.6	91.0
138	119.4	104.6	156.8





#49

Acenaphthylene

Concen: 40.852 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

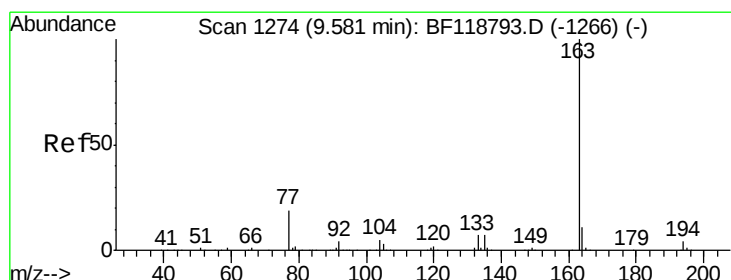
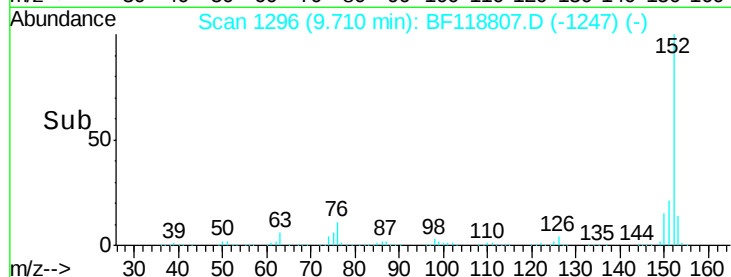
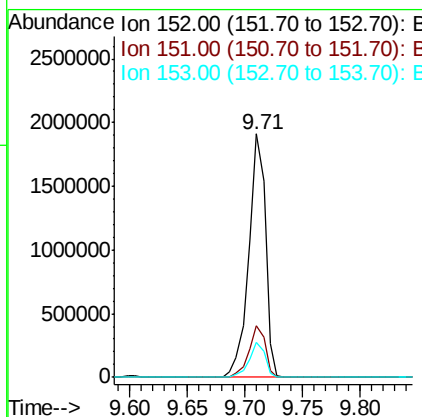
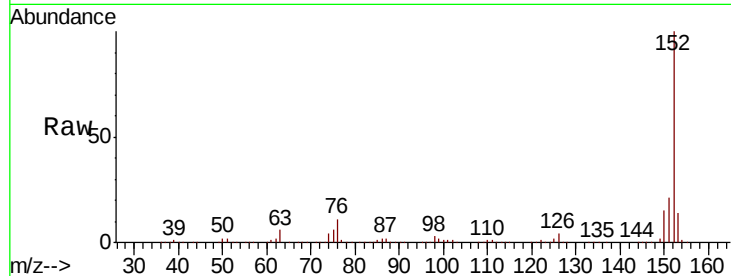
ClientSampleId :

TP-1MS

Tot Ion:	152	Resp:	1912121
Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.1	11.0	16.4

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#50

Dimethylphthalate

Concen: 40.710 ng

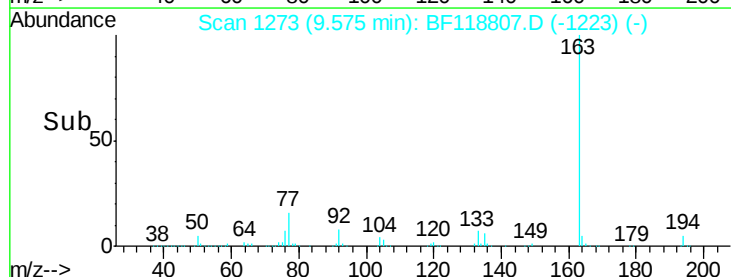
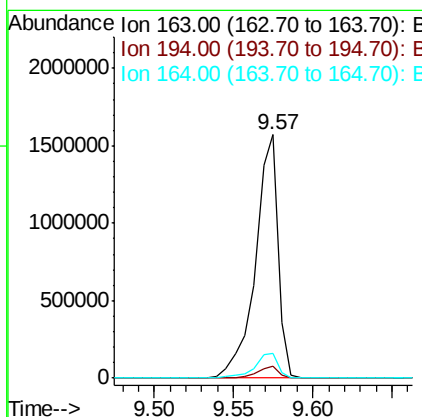
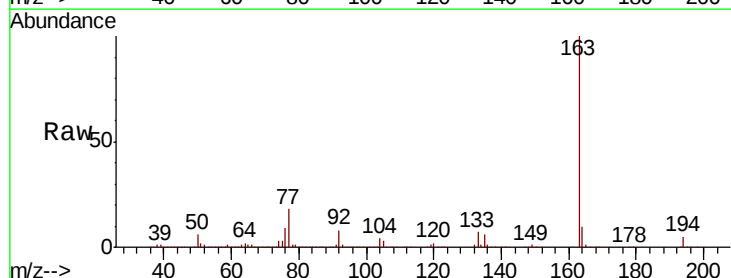
RT: 9.57 min Scan# 1273

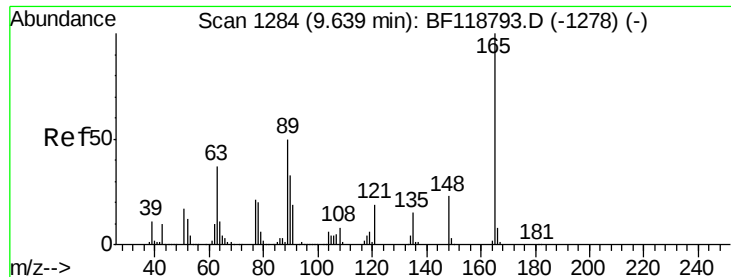
Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:	163	Resp:	1562581
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	10.3	8.7	13.1





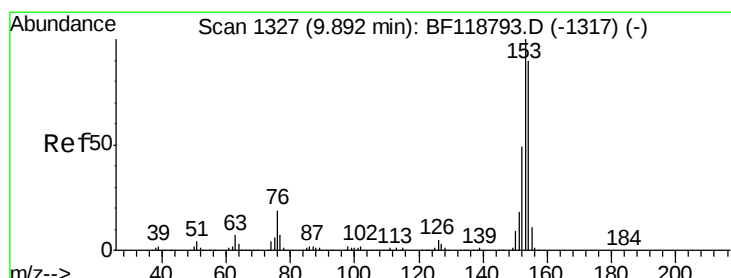
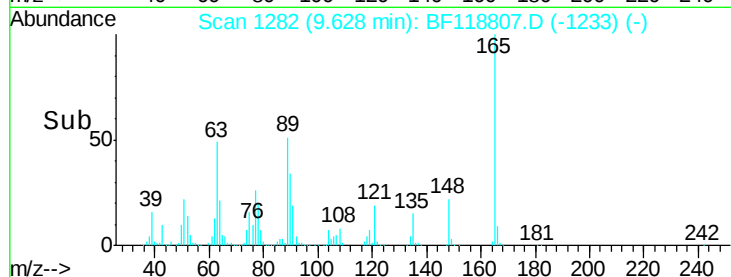
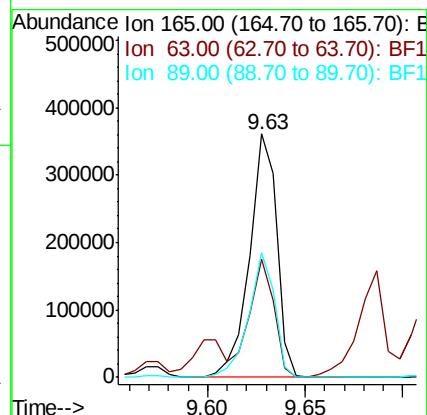
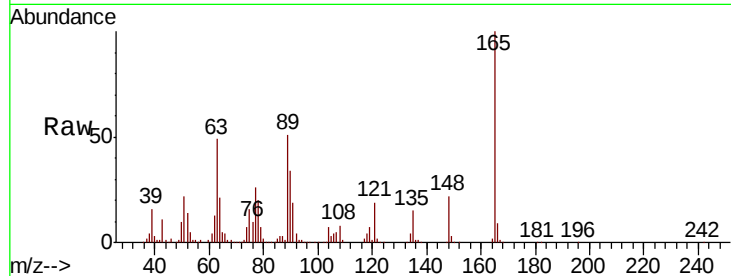
#51
2,6-Dinitrotoluene
Concen: 39.955 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	350906		
63	48.7		37.4	56.0
89	51.3		39.7	59.5

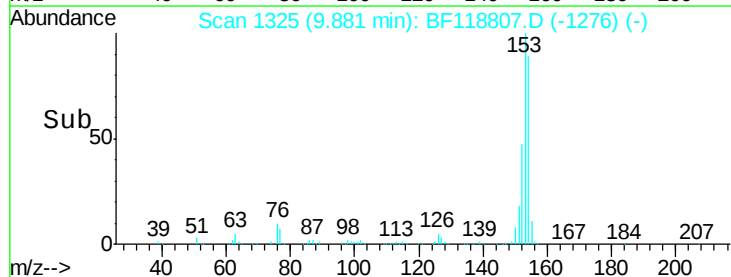
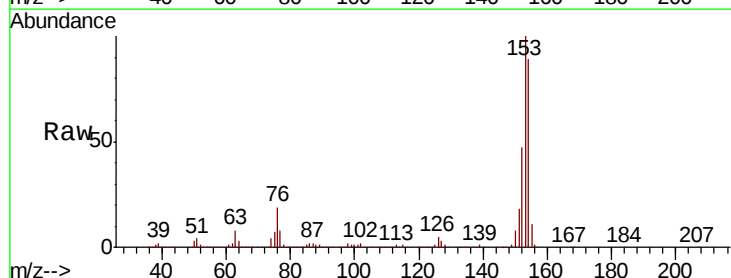
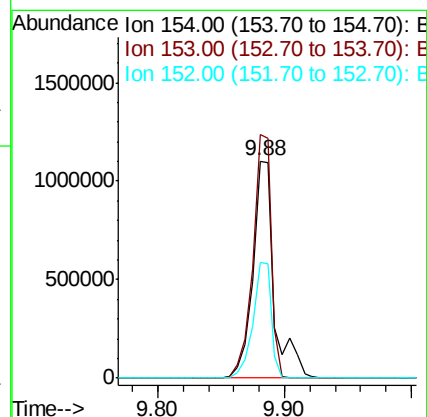
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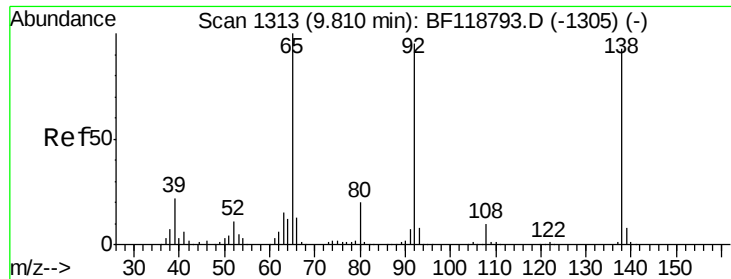
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#52
Acenaphthene
Concen: 42.009 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1295690		
153	112.2		89.4	134.0
152	53.2		43.6	65.4





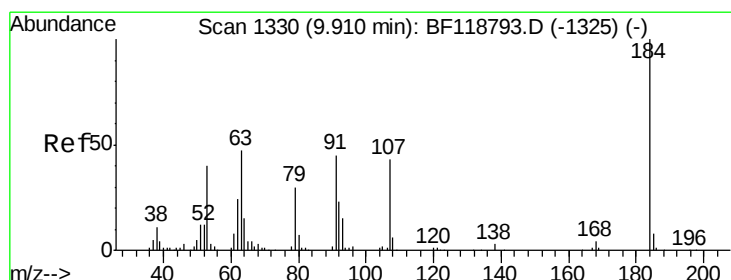
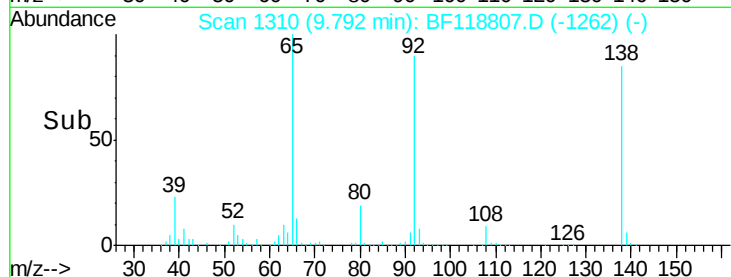
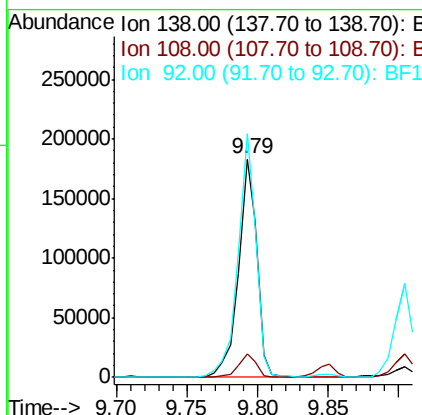
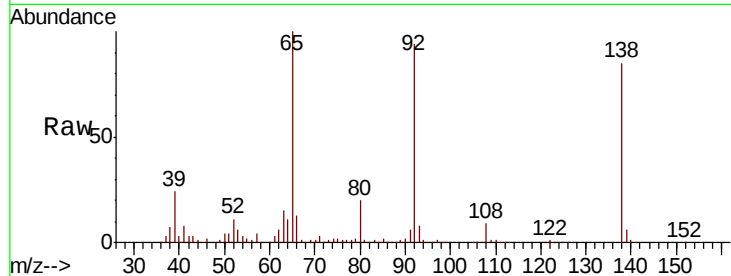
#53
3-Nitroaniline
Concen: 17.060 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	111.7	82.2	123.4

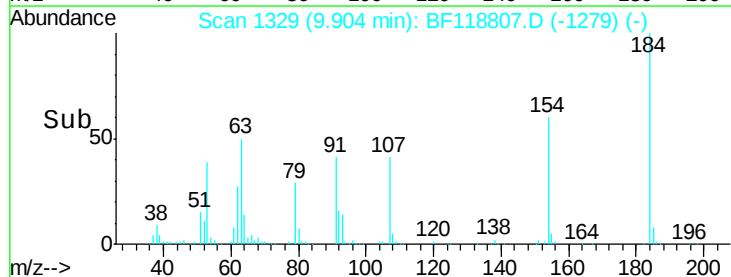
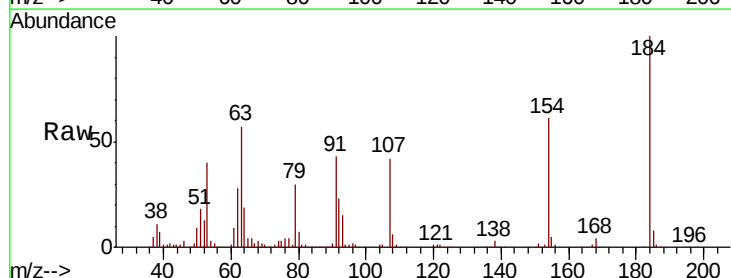
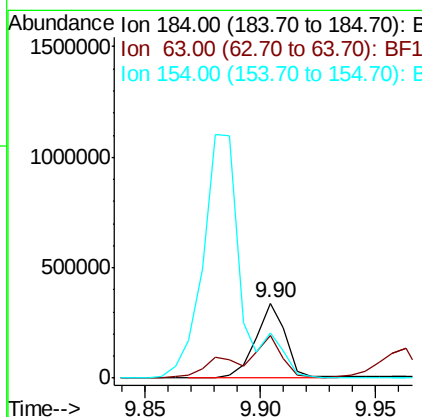
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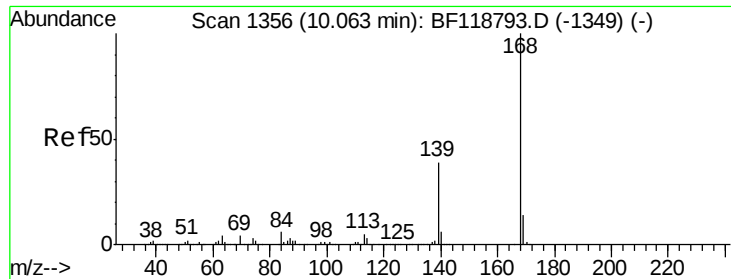
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#54
2,4-Dinitrophenol
Concen: 72.827 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	47.5	71.3
154	60.5	48.6	72.8





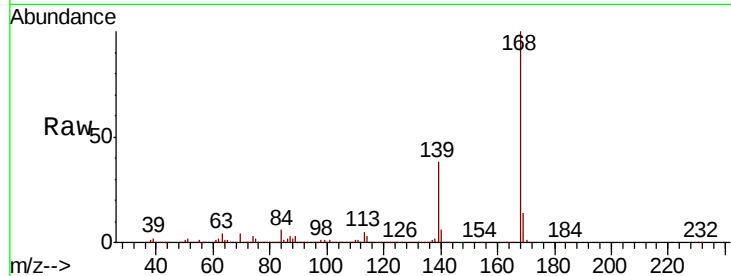
#55
Dibenzofuran
Concen: 38.769 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.6	47.4
169	13.9	11.4	17.2

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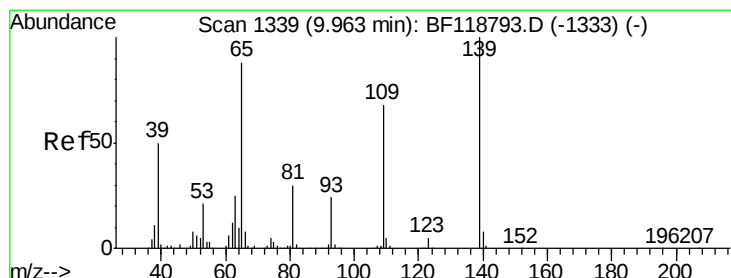
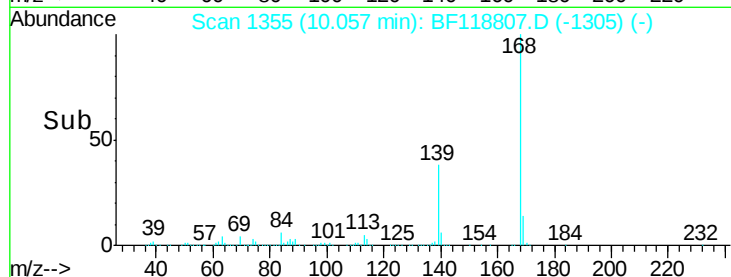
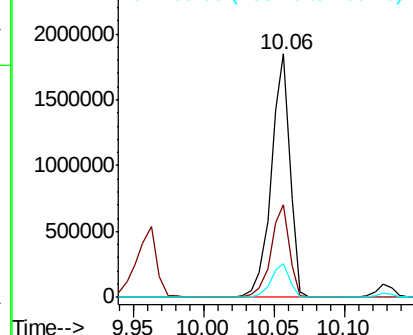


Abundance

Ion 168.00 (167.70 to 168.70): E

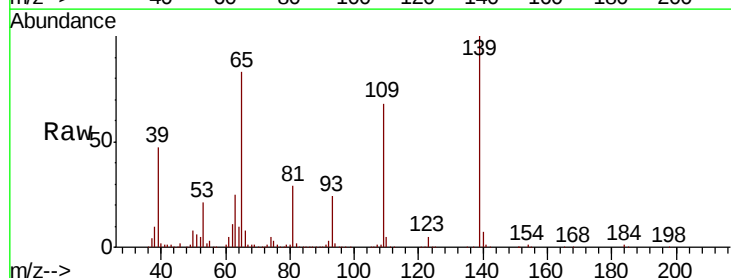
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.730 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	48.0	88.0
65	82.8	68.3	108.3

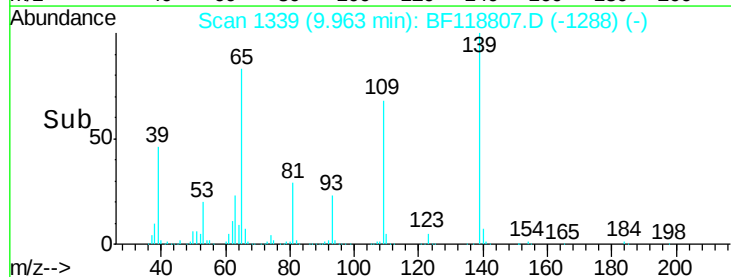
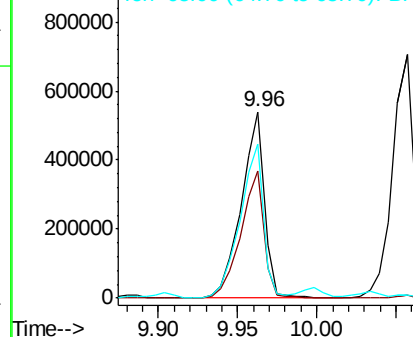


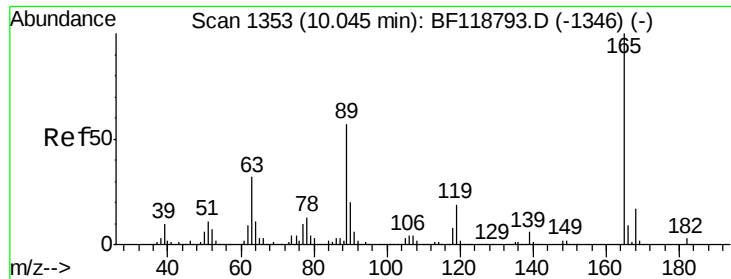
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





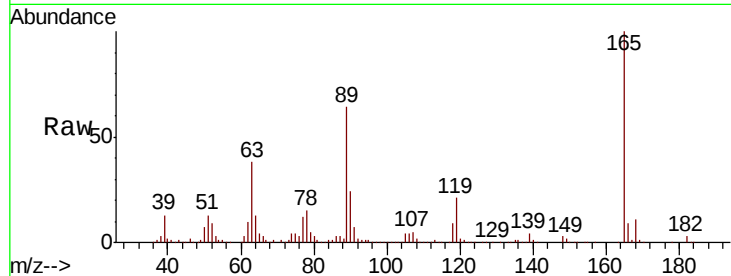
#57
2,4-Dinitrotoluene
Concen: 39.667 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.4	25.5	38.3
89	64.1	45.4	68.0
182	3.0	2.4	3.6

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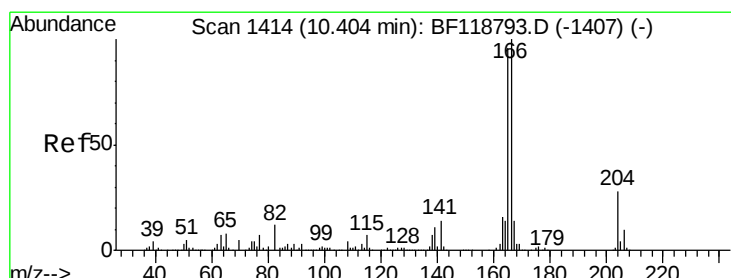
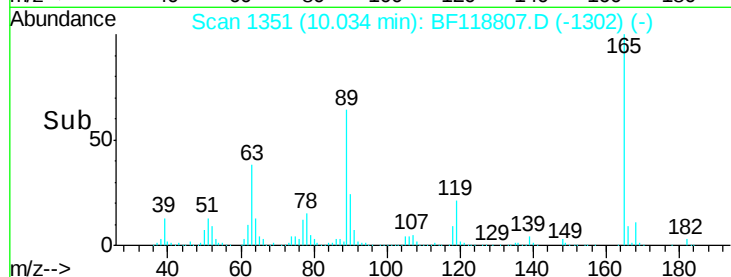
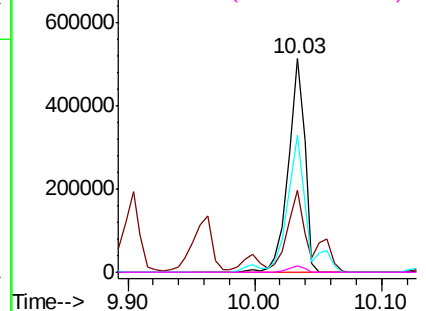
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

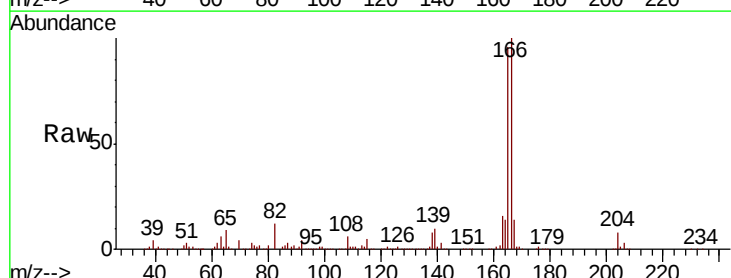
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.643 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.0	115.6
167	13.6	11.1	16.7

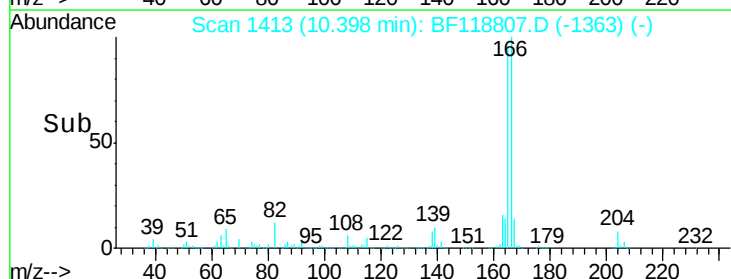
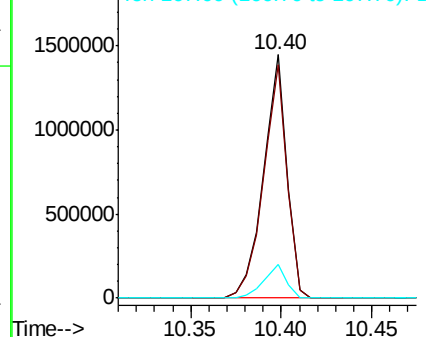


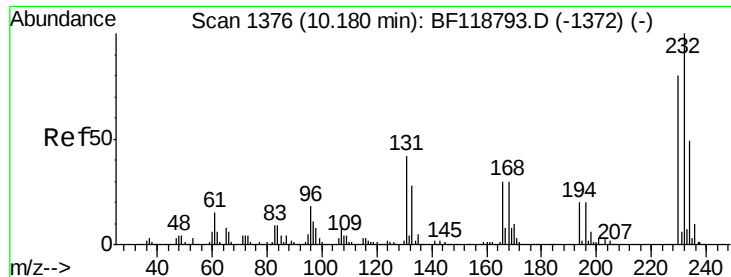
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





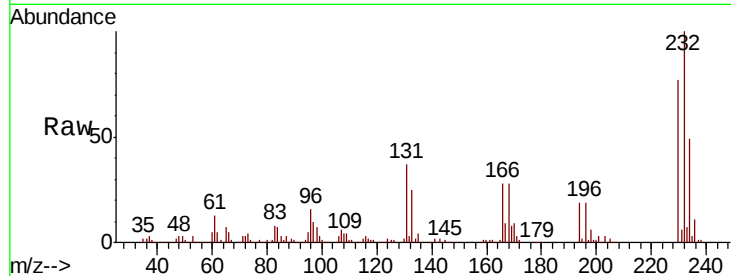
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.334 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

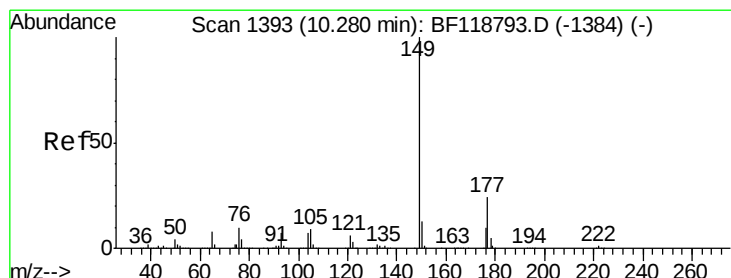
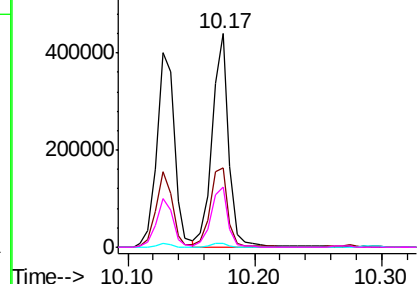
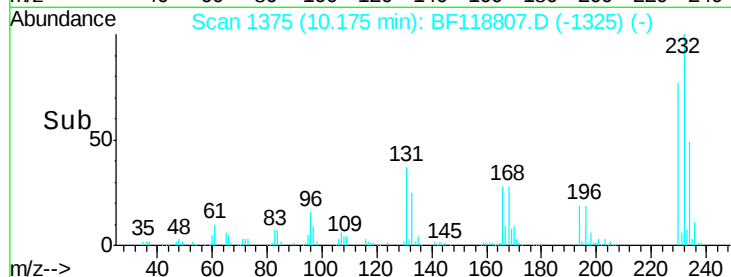
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.3	31.8	47.6
130	2.0	1.6	2.4
166	28.7	23.1	34.7

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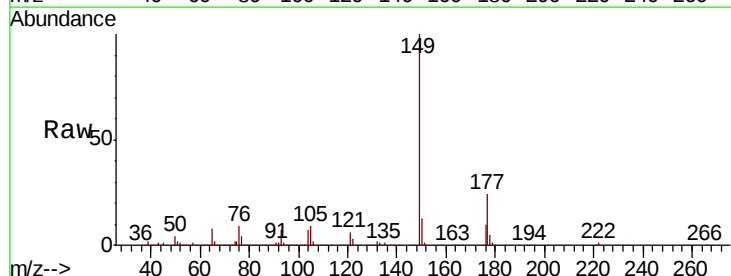


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

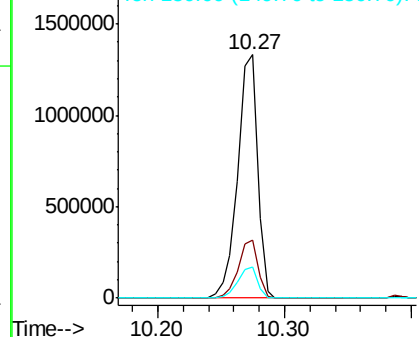
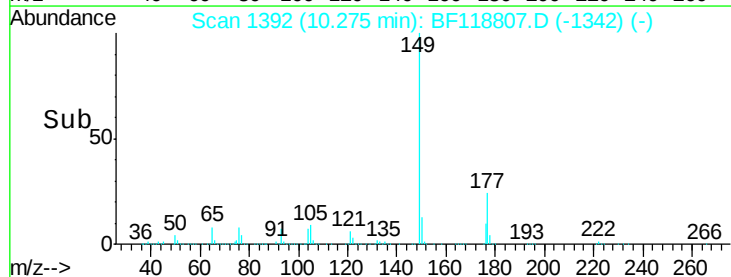


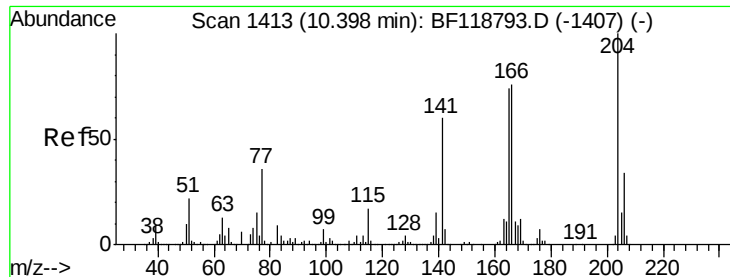
#60
 Diethylphthalate
 Concen: 38.446 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.3	28.9
150	12.8	10.4	15.6



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





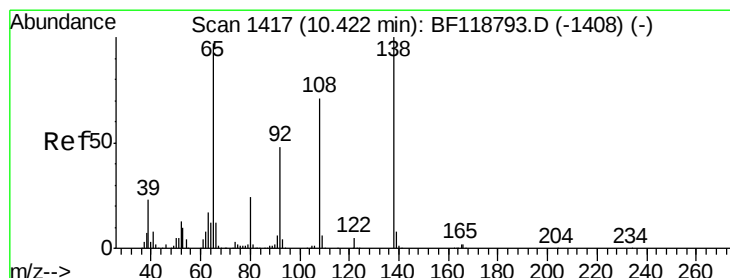
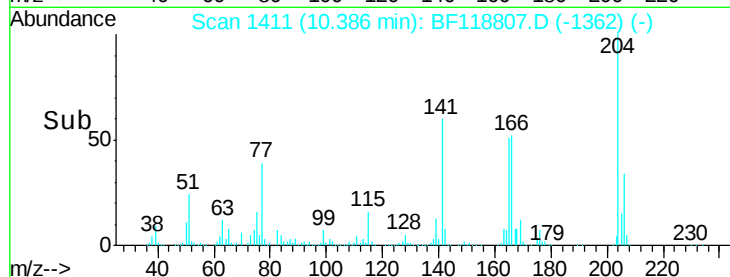
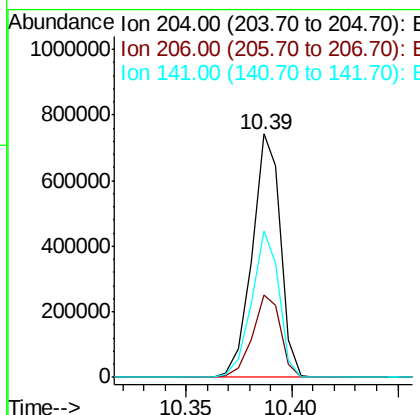
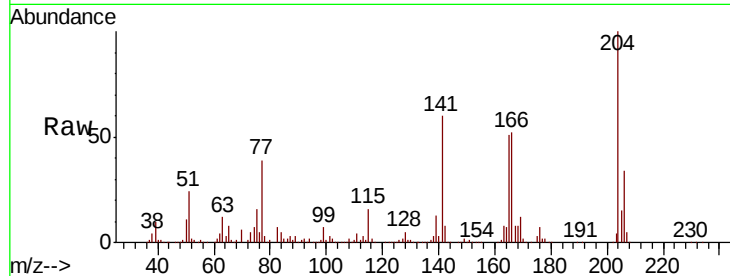
#61
4-Chlorophenyl-phenylether
Concen: 38.138 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.4	41.2
141	60.3	47.8	71.6

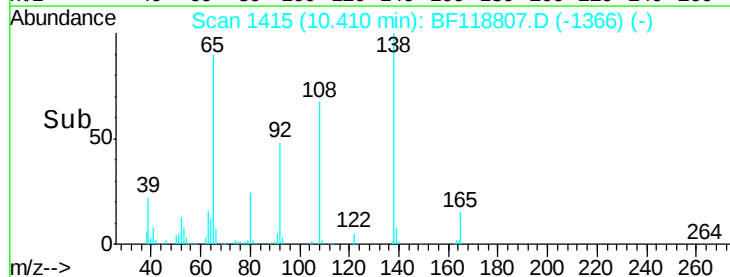
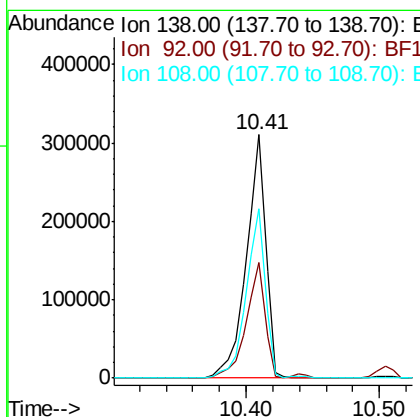
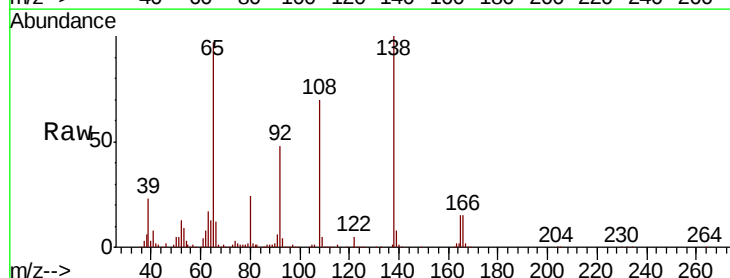
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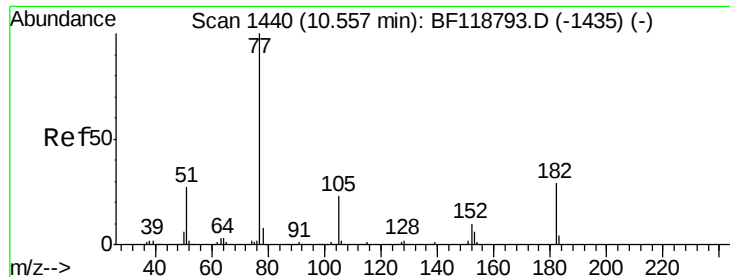
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#62
4-Nitroaniline
Concen: 31.840 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	27.6	67.6
108	69.8	51.3	91.3





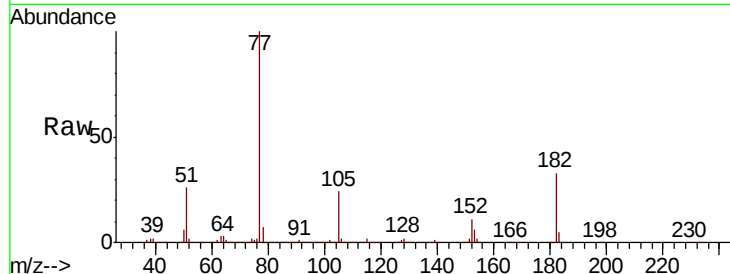
#63
Azobenzene
Concen: 39.641 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

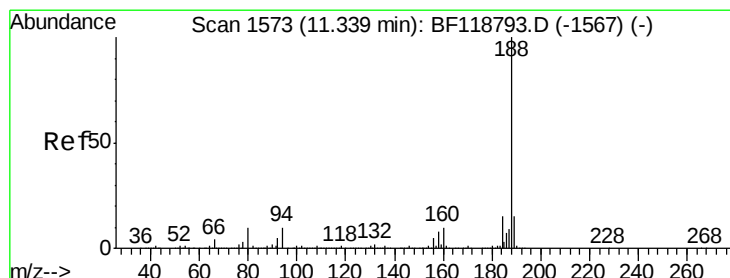
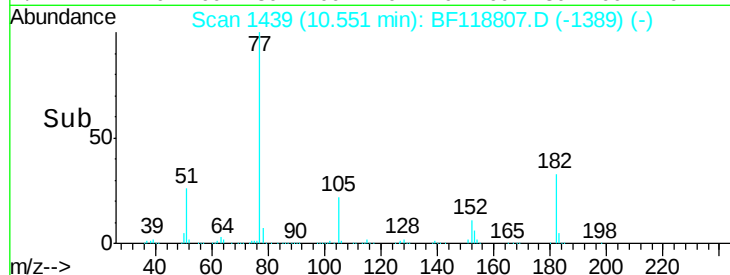
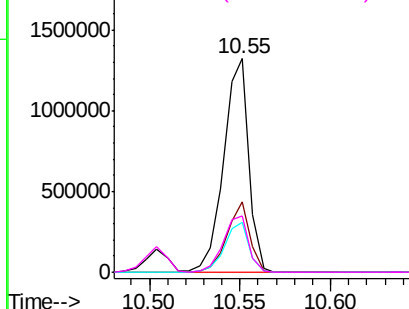
Tot Ion	77	Resp	1263127
Ion	Ratio	Lower	Upper
77	100		
182	33.1	9.2	49.2
105	23.5	3.1	43.1
51	26.5	7.4	47.4

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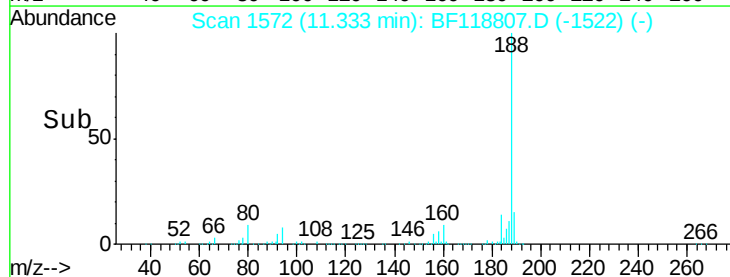
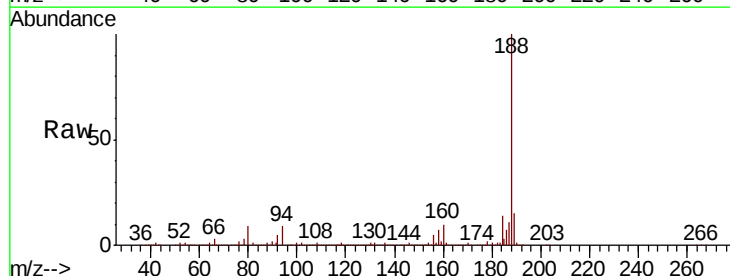
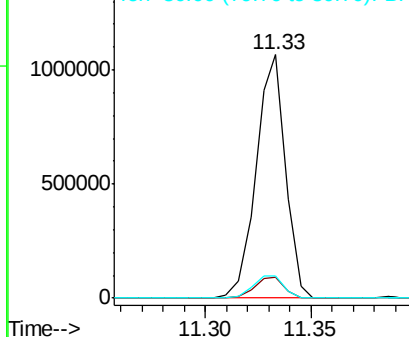
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

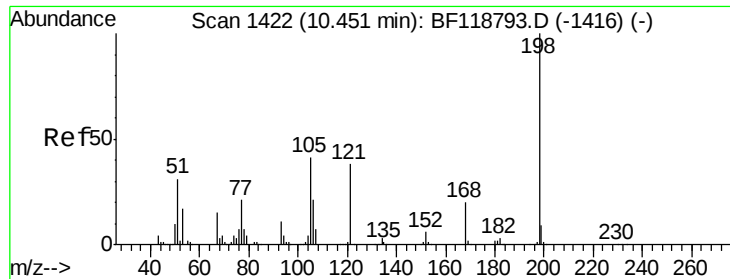


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	188	Resp	1027819
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.9	11.9
80	9.1	8.4	12.6

Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





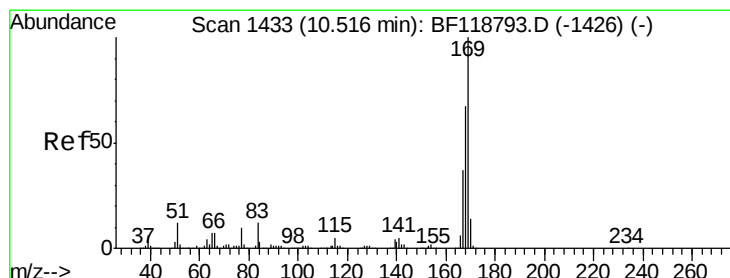
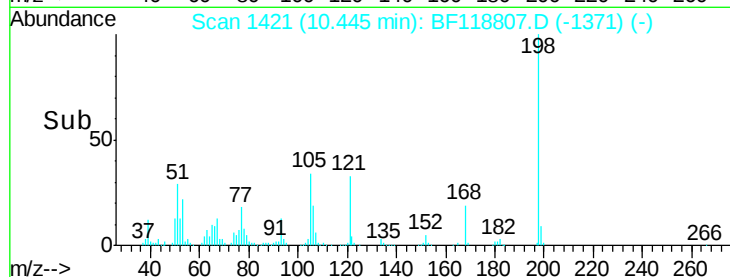
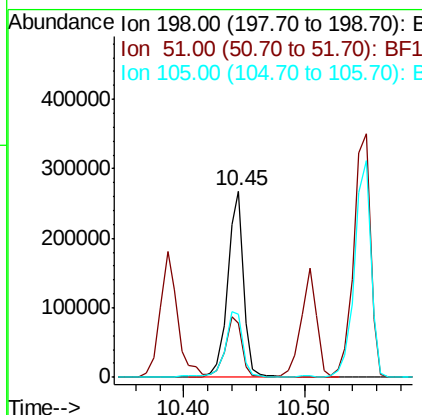
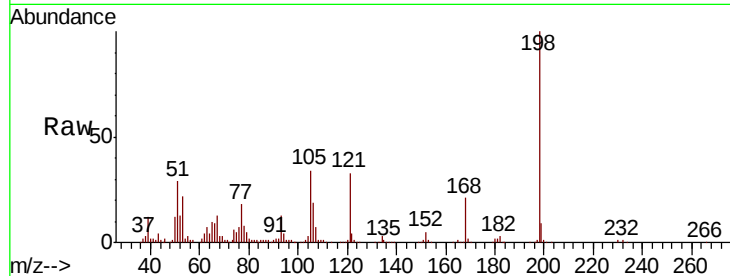
#65
4,6-Dinitro-2-methylphenol
Concen: 42.475 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	245312		
51	29.1	16.7	56.7	
105	34.2	22.0	62.0	

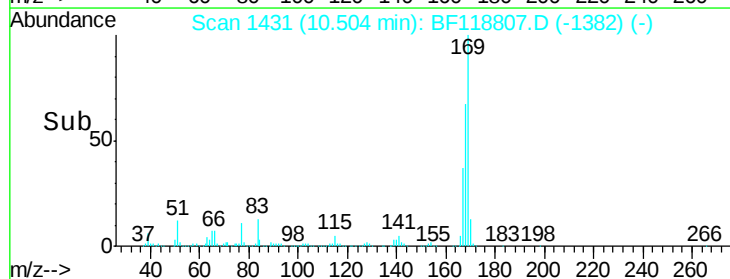
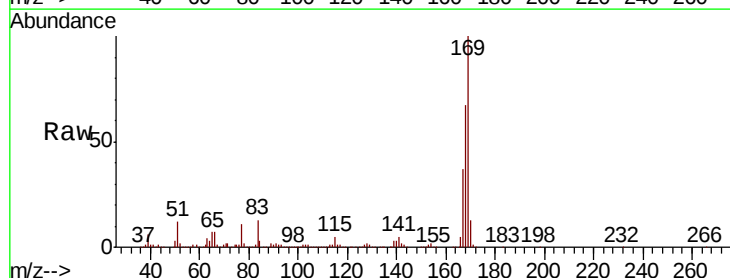
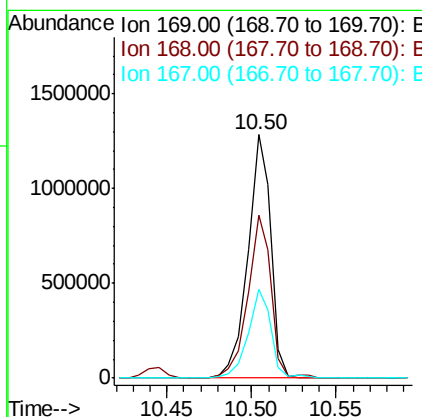
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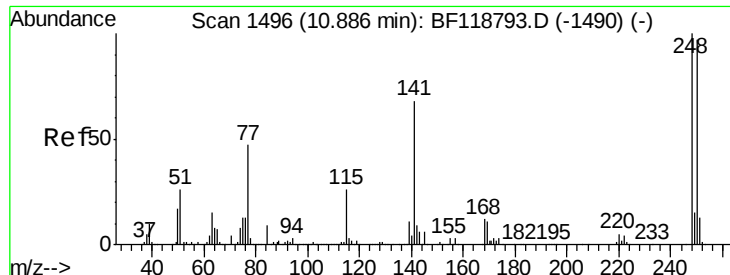
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.954 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1219293		
168	66.8	53.5	80.3	
167	36.6	29.3	43.9	





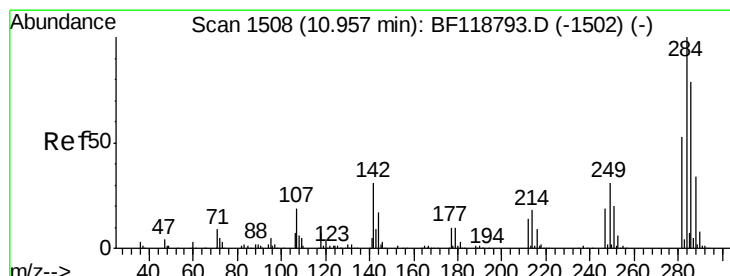
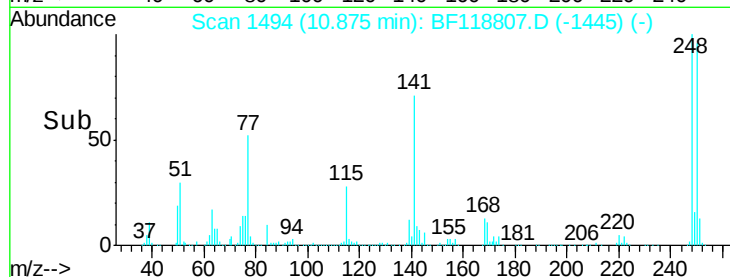
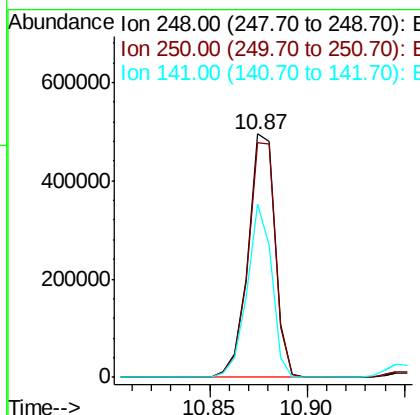
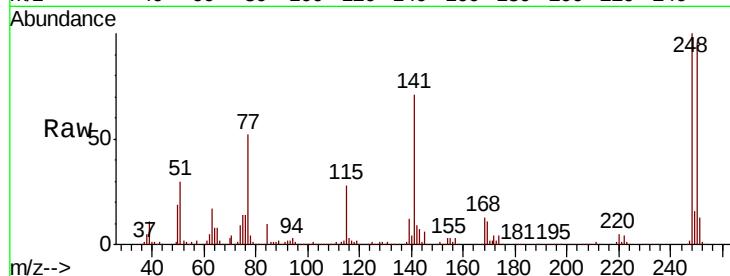
#67
4-Bromophenyl-phenylether
Concen: 39.119 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.6	116.4
141	71.3	54.4	81.6

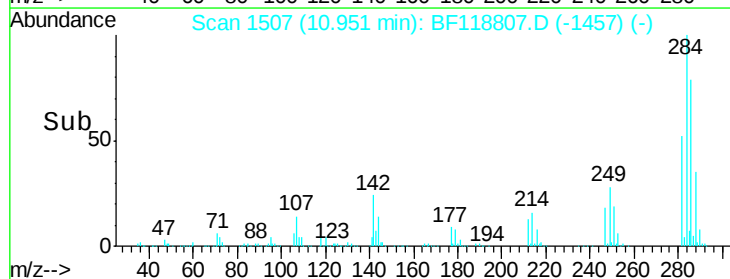
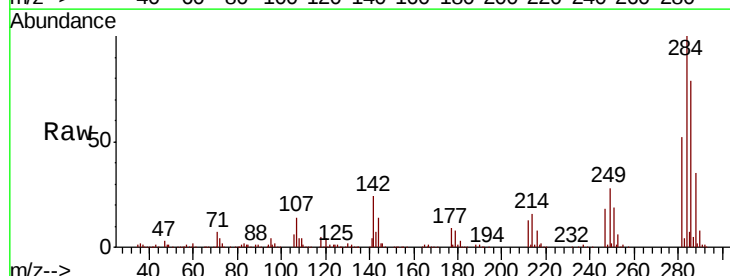
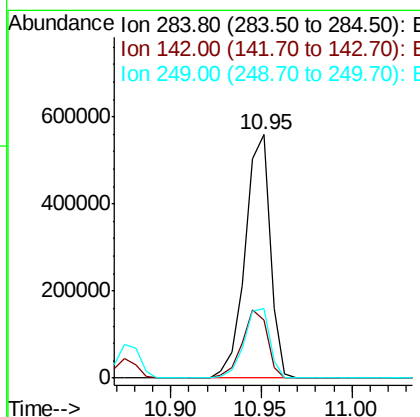
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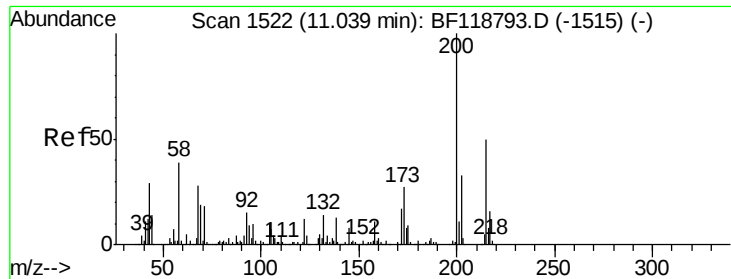
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#68
Hexachlorobenzene
Concen: 38.526 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	24.5	36.7#
249	28.5	24.7	37.1





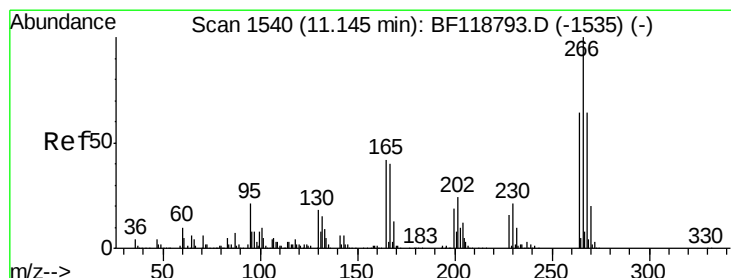
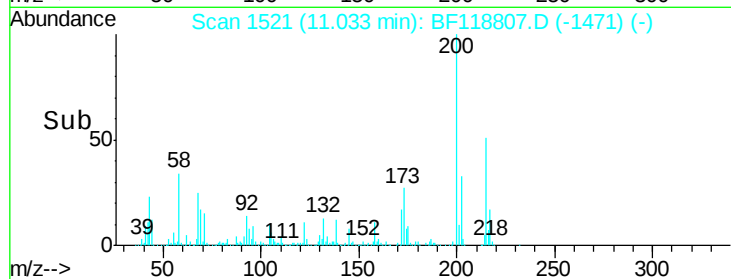
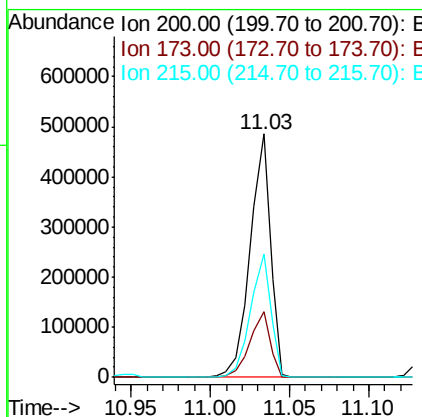
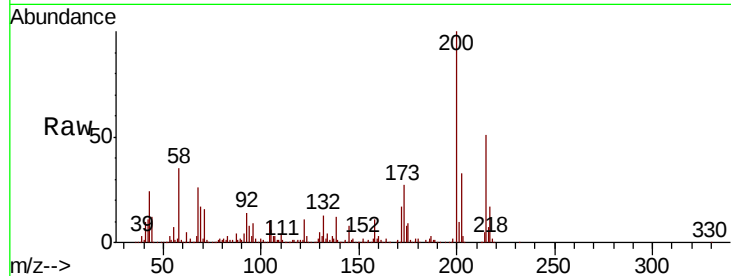
#69
Atrazine
Concen: 43.699 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.5	47.5
215	50.7	29.9	69.9

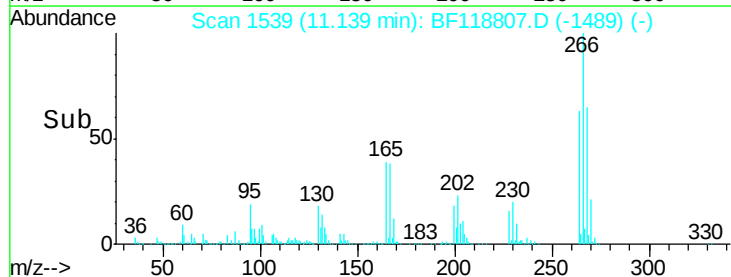
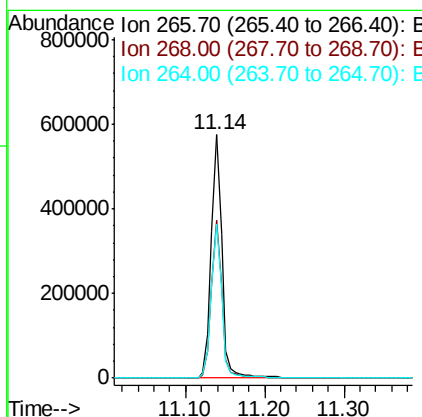
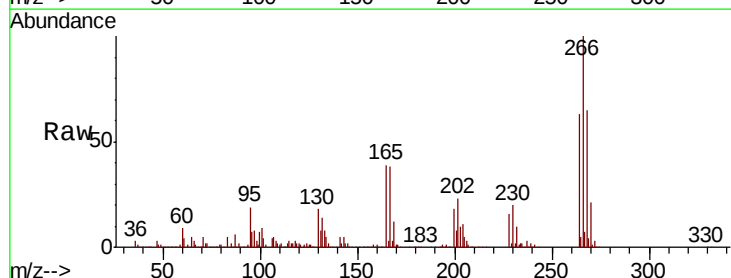
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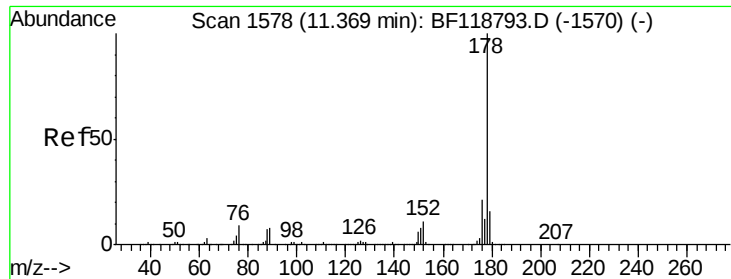
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#70
Pentachlorophenol
Concen: 74.215 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.0	76.6
264	63.3	51.4	77.2





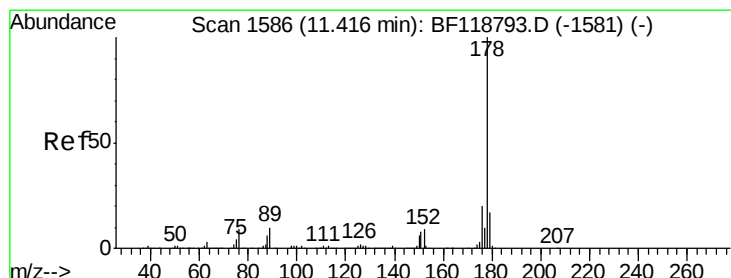
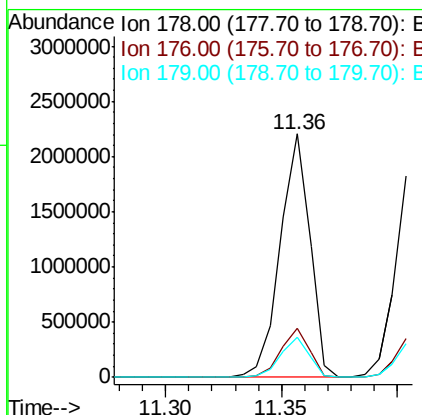
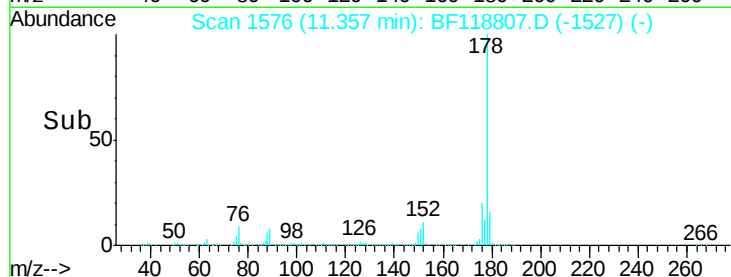
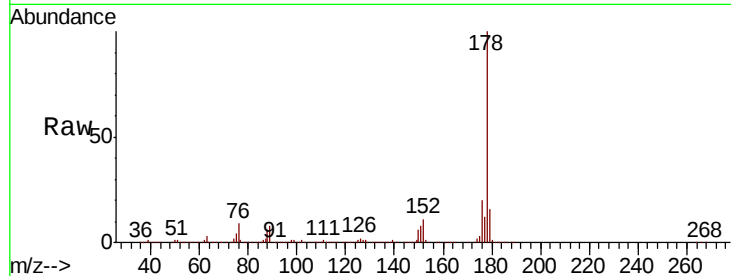
#71
Phenanthrene
Concen: 38.782 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampled :
TP-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	24.8
179	16.2	13.2	19.8

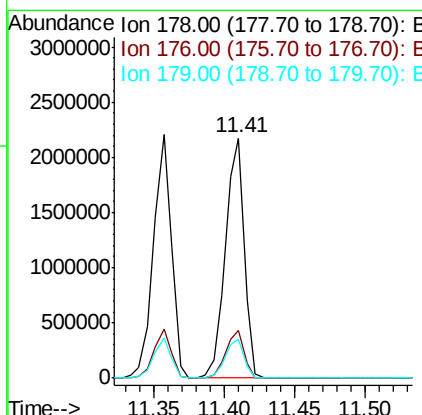
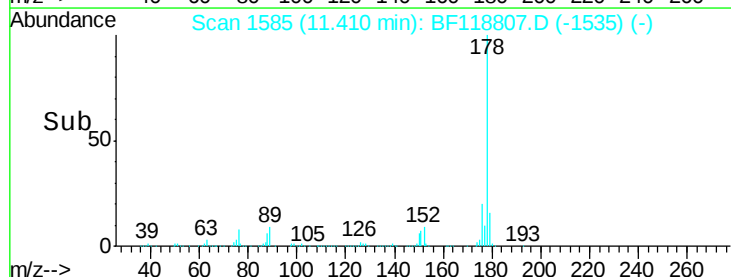
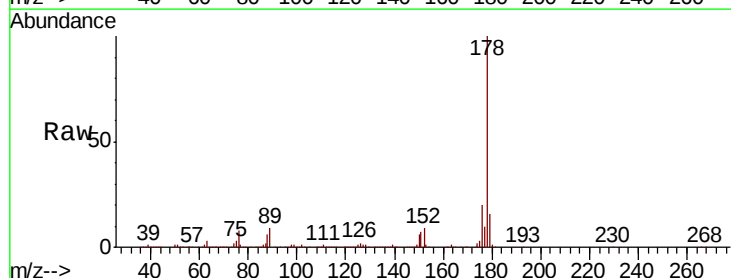
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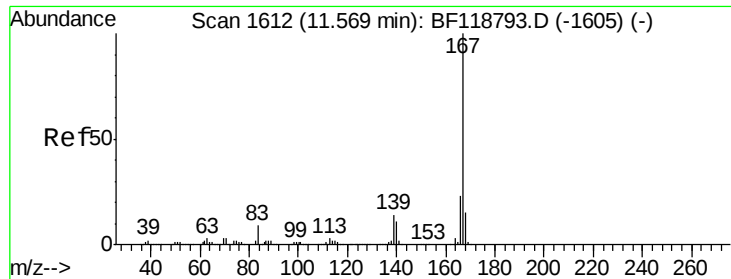
mohammad
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#72
Anthracene
Concen: 40.099 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.2	24.2
179	16.4	13.4	20.2





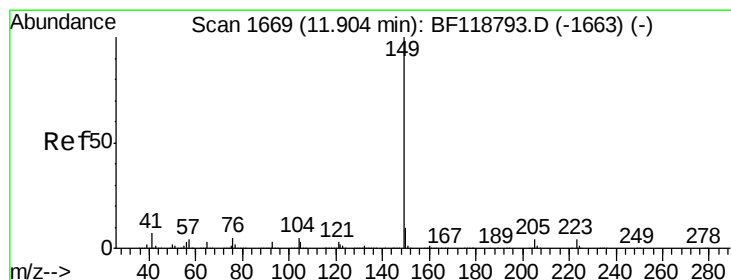
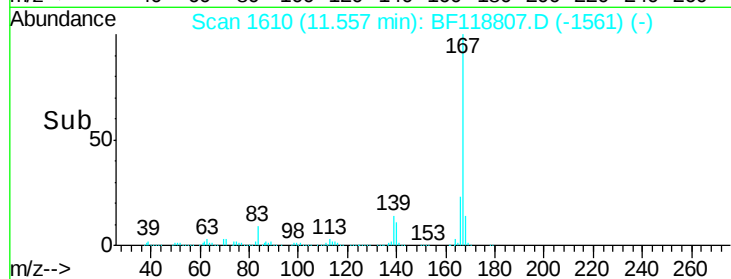
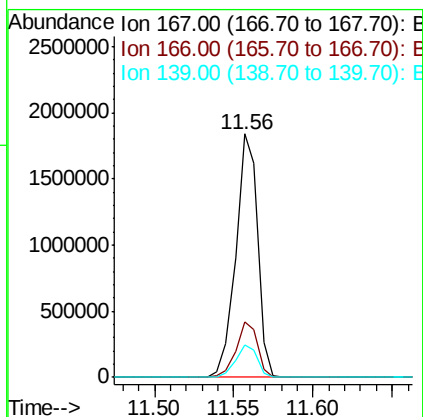
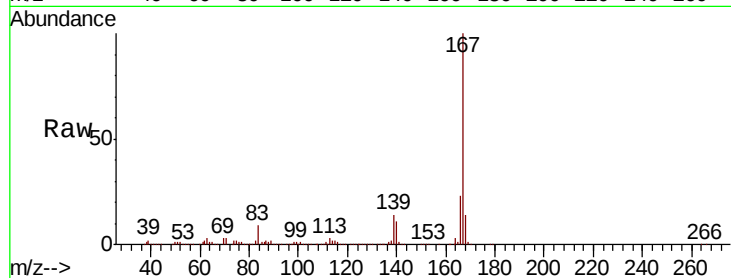
#73
 Carbazole
 Concen: 39.640 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.6	18.4	27.6	
139	13.5	11.1	16.7	

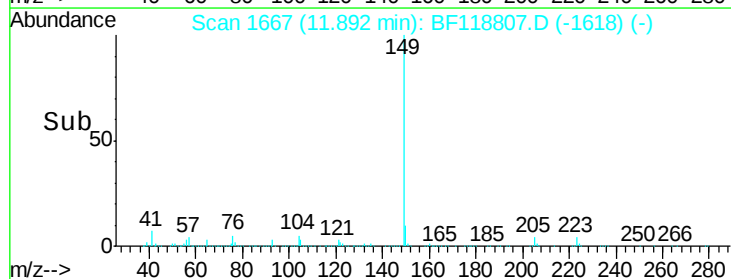
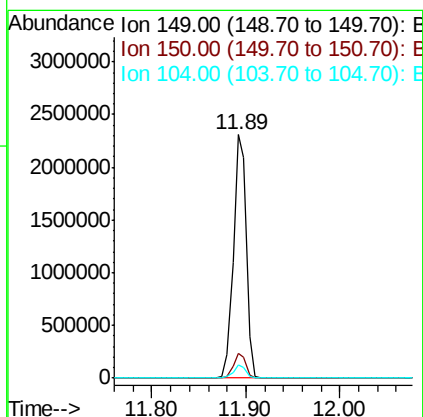
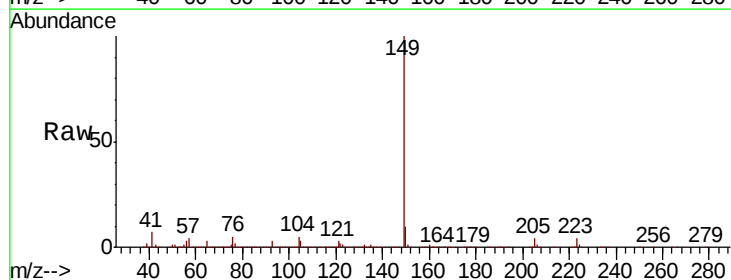
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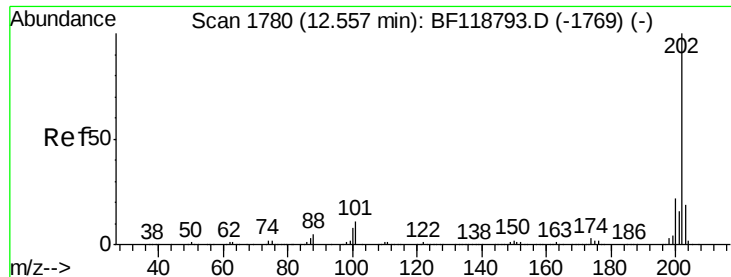
mohammad
 2/6/2020 2:17:06 PM



#74
 Di-n-butylphthalate
 Concen: 38.636 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.1	8.1	12.1	
104	5.2	4.3	6.5	





#75

Fluoranthene

Concen: 37.243 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:202 Resp: 2056335

Ion Ratio Lower Upper

202 100

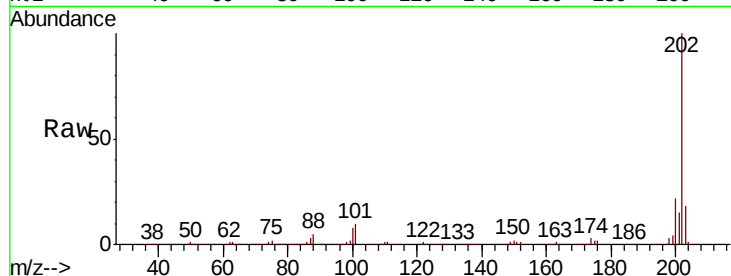
101 10.4 0.0 31.0

203 18.3 0.0 38.7

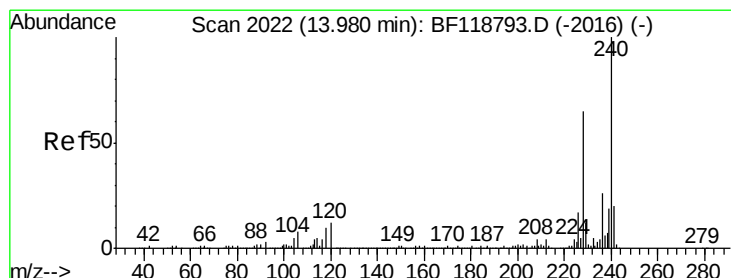
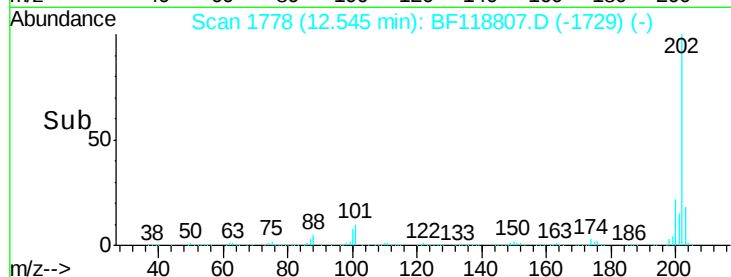
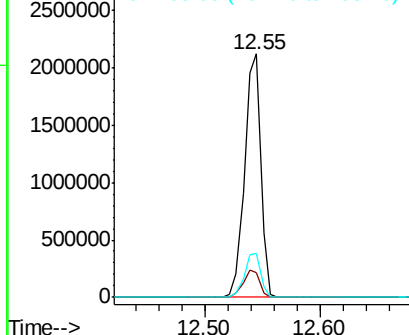
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Tgt Ion:240 Resp: 712489

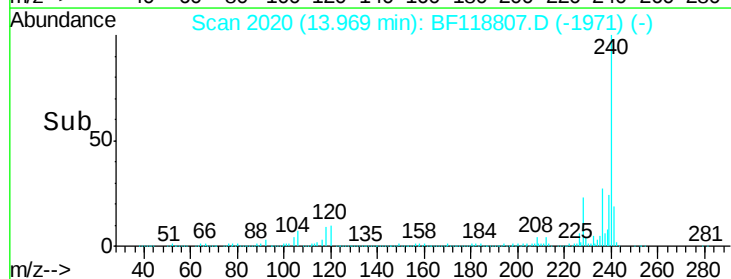
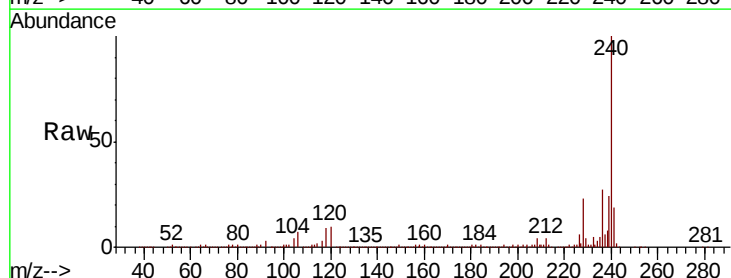
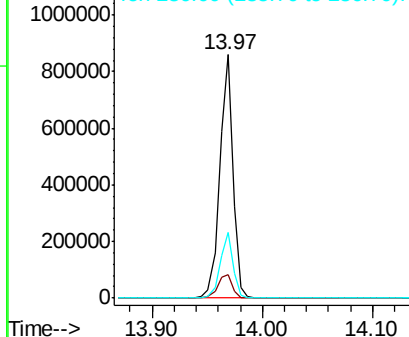
Ion Ratio Lower Upper

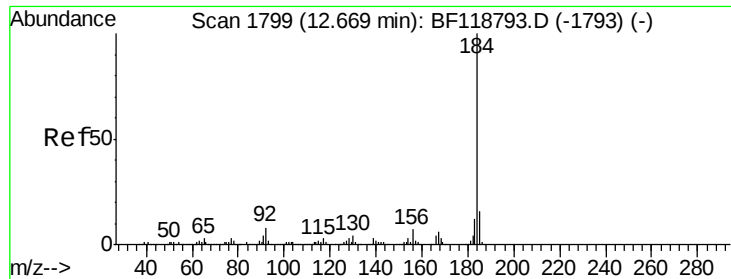
240 100

120 9.8 9.4 14.0

236 26.8 21.0 31.6

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





#77

Benzidine

Concen: 39.842 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tot Ion:184 Resp: 858588

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

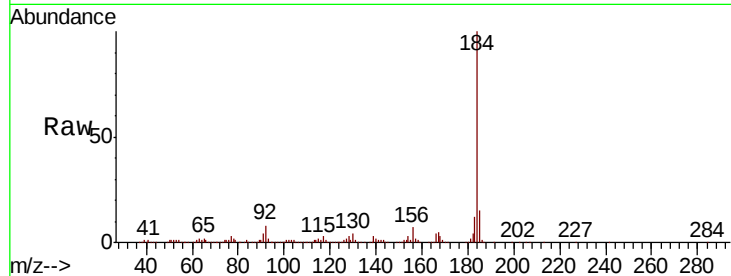
183 12.1 9.7 14.5

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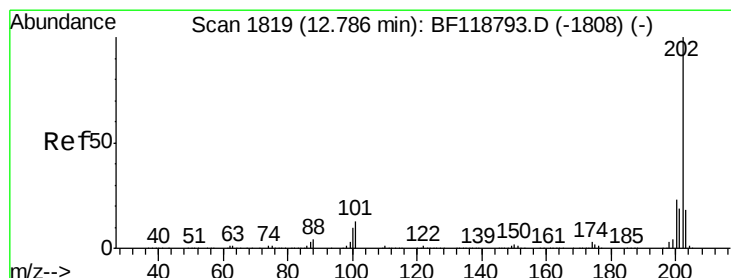
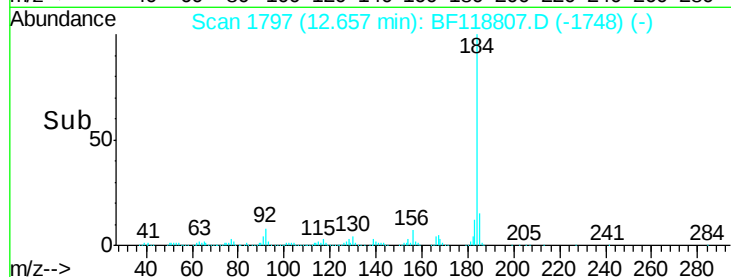
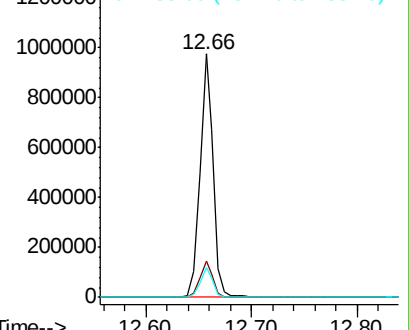
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.294 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

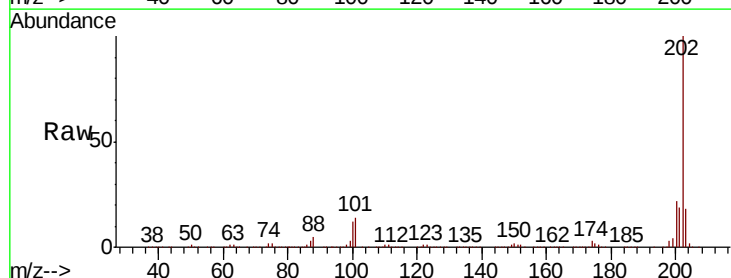
Tgt Ion:202 Resp: 2067259

Ion Ratio Lower Upper

202 100

200 22.4 18.2 27.2

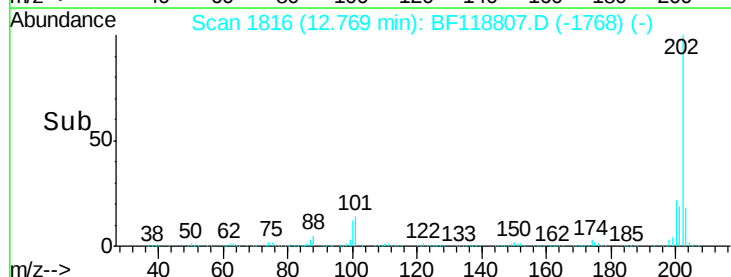
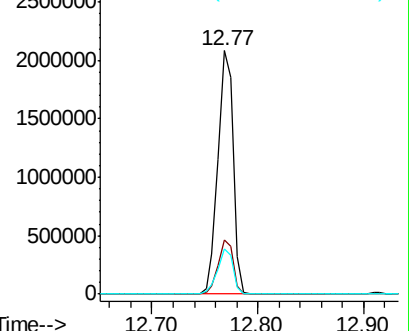
203 18.5 14.8 22.2

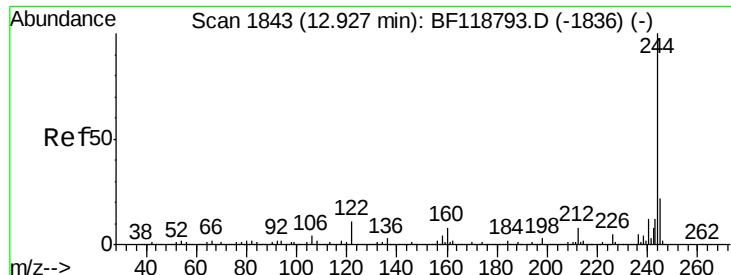


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





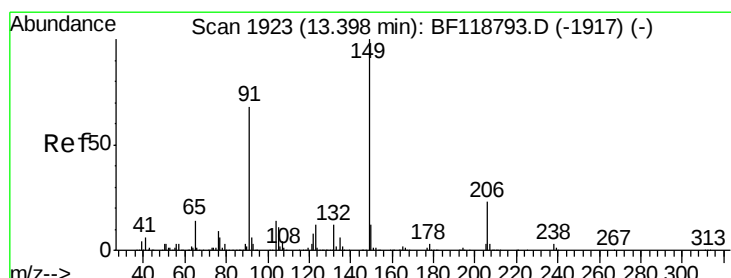
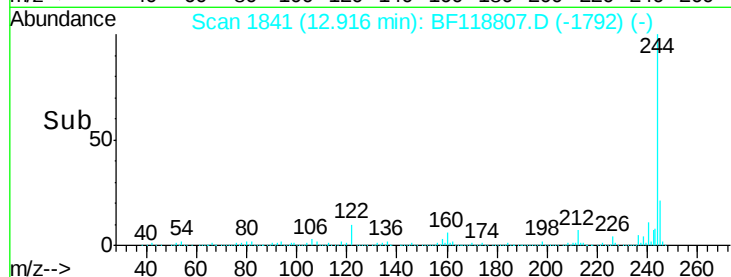
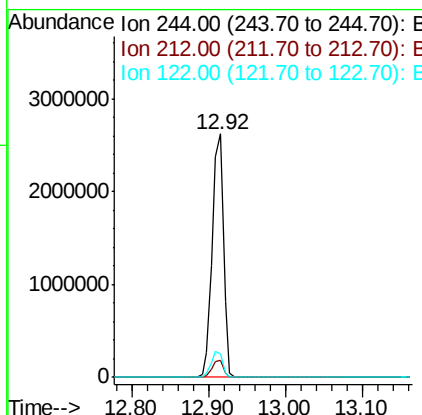
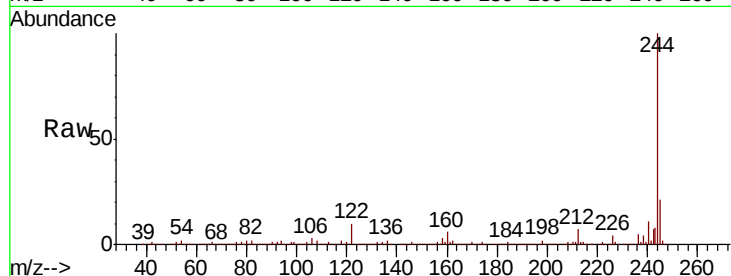
#79
 Terphenyl-d14
 Concen: 75.104 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tot Ion:244 Resp: 2605147
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 9.7 8.9 13.3

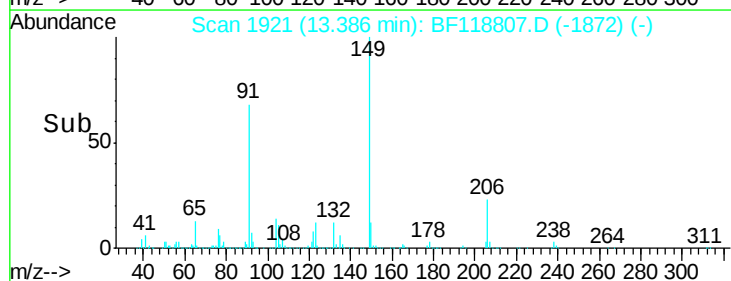
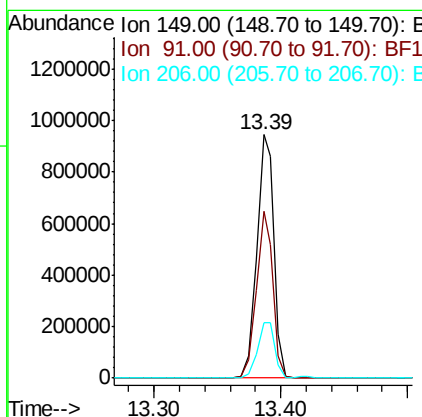
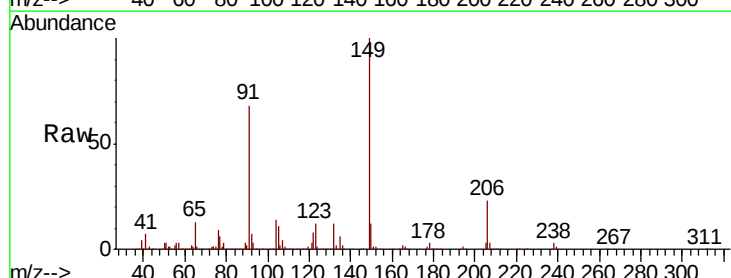
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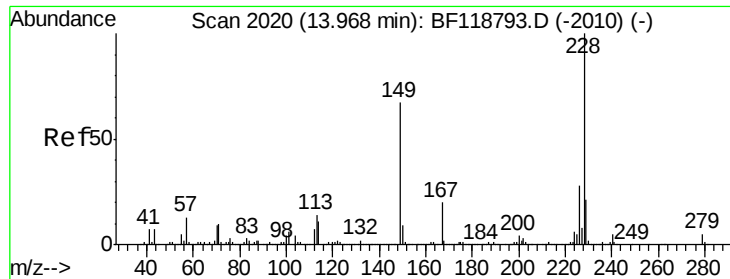
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.316 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF118807.D
 Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 899429
 Ion Ratio Lower Upper
 149 100
 91 68.4 54.7 82.1
 206 22.5 18.5 27.7





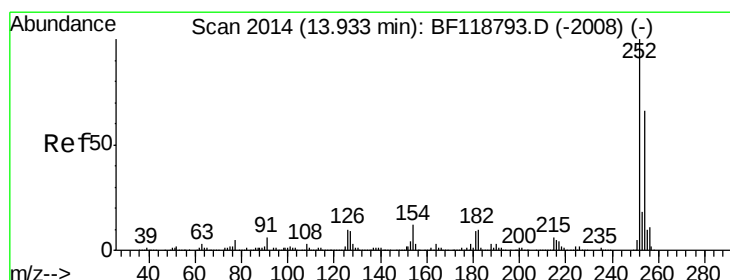
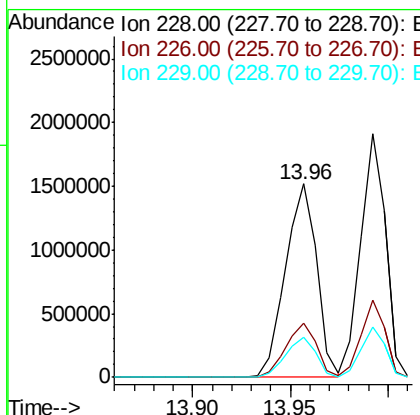
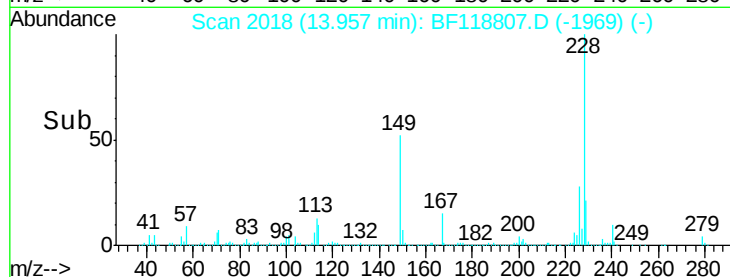
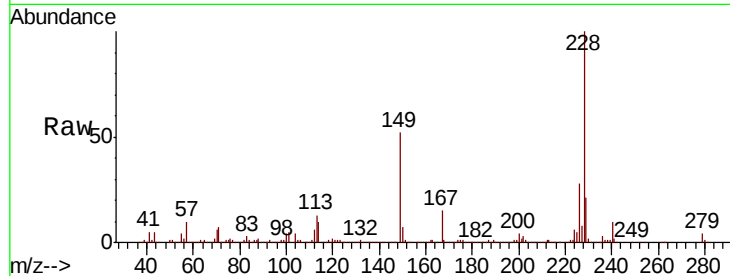
#81
Benzo(a)anthracene
Concen: 39.559 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:228 Resp: 1677182
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.6 16.6 25.0

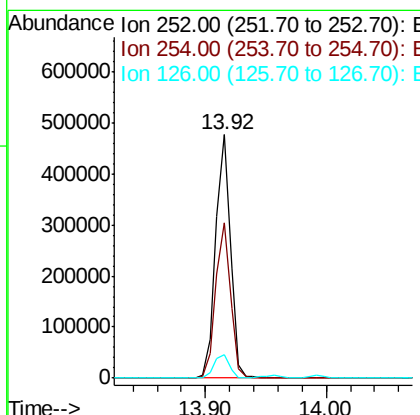
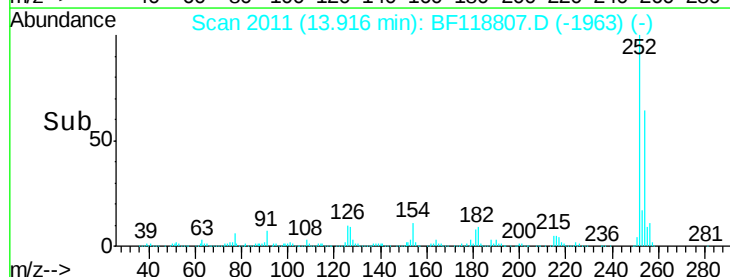
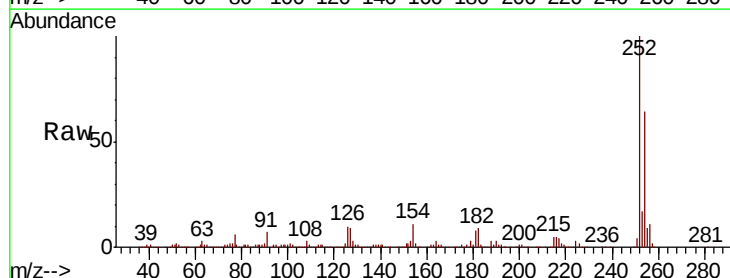
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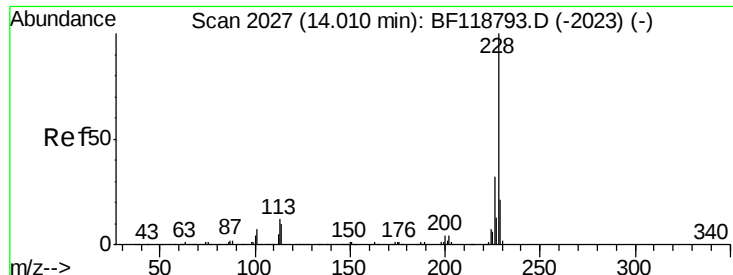
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.989 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:252 Resp: 398645
Ion Ratio Lower Upper
252 100
254 63.6 52.4 78.6
126 9.6 7.8 11.8





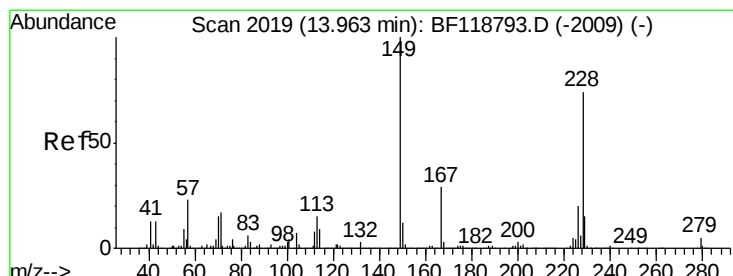
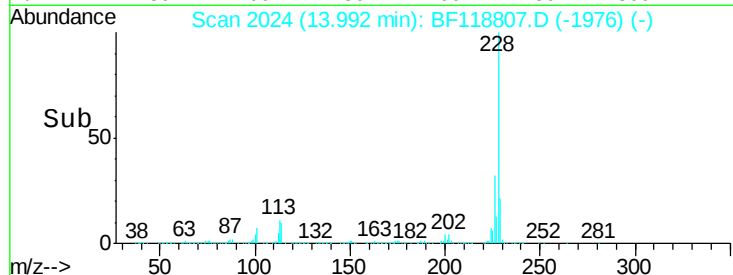
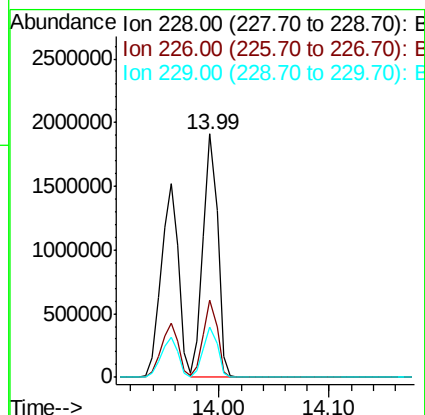
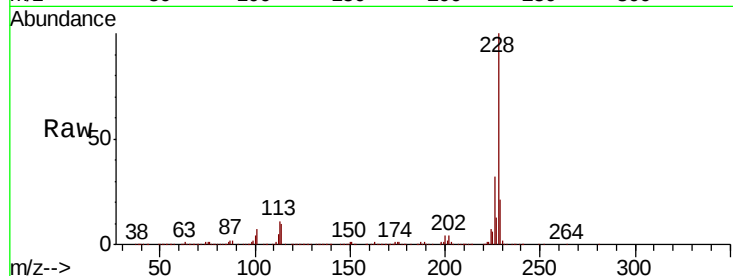
#83
Chrysene
Concen: 39.842 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:228 Resp: 1695365
Ion Ratio Lower Upper
228 100
226 31.6 25.4 38.0
229 20.7 16.9 25.3

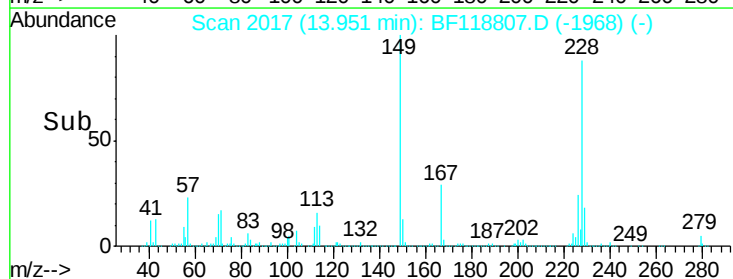
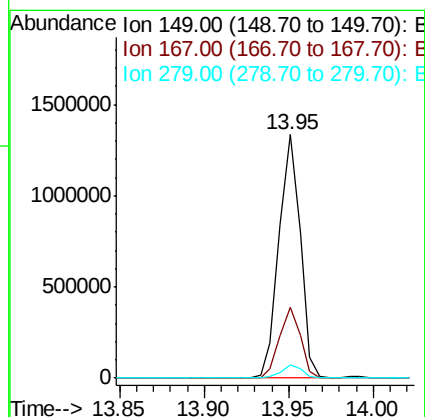
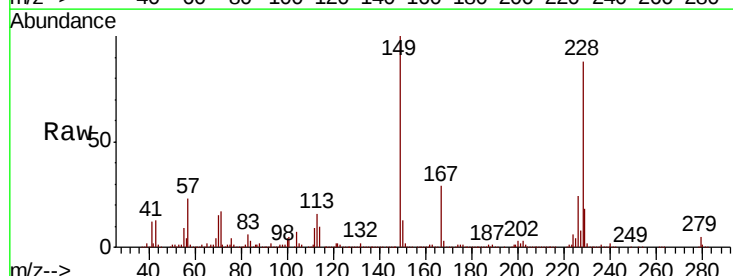
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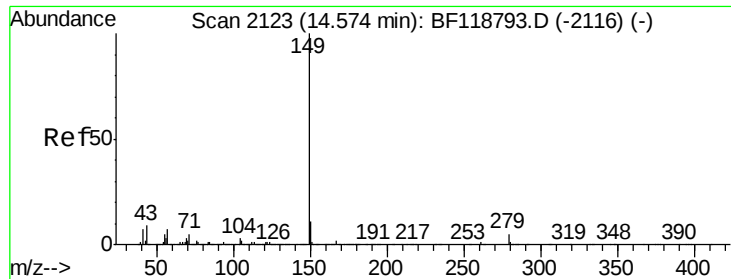
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.269 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:149 Resp: 1168098
Ion Ratio Lower Upper
149 100
167 29.0 23.0 34.6
279 5.2 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 40.383 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

ClientSampled :

TP-1MS

Tot Ion:149 Resp: 1958166

Ion Ratio Lower Upper

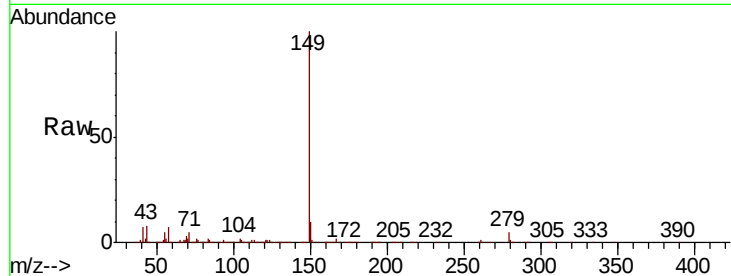
149 100

167 1.7 1.4 2.0

43 7.9 6.6 10.0

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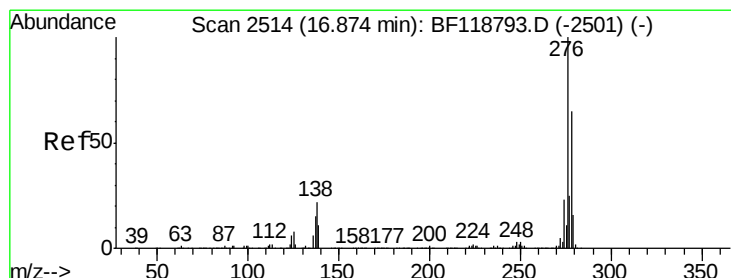
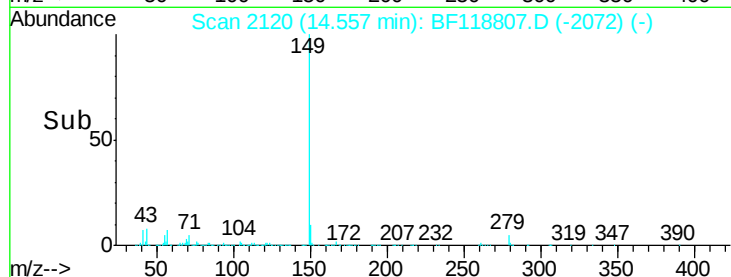
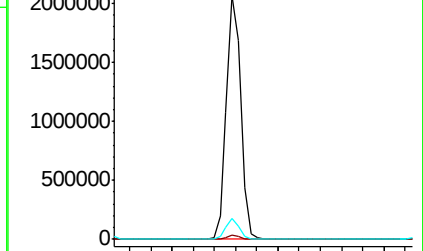
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 44.637 ng

RT: 16.84 min Scan# 2508

Delta R.T. -0.04 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

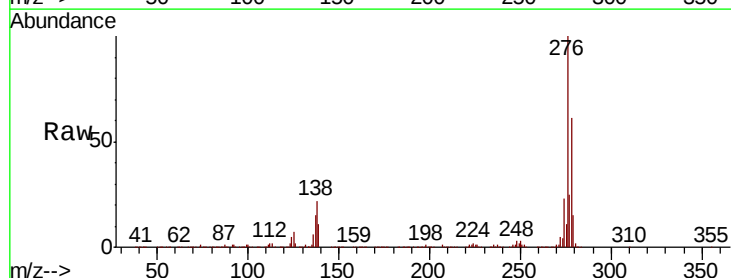
Tgt Ion:276 Resp: 1908370

Ion Ratio Lower Upper

276 100

138 23.2 18.3 27.5

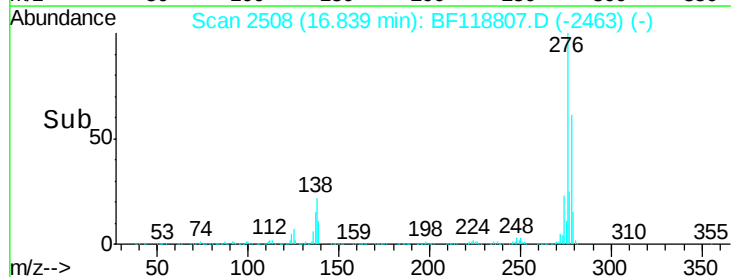
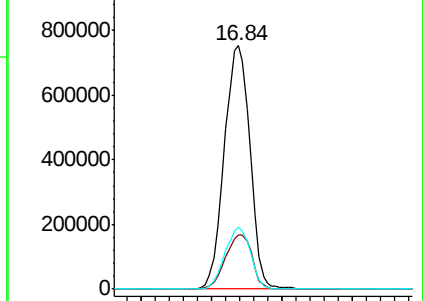
277 25.3 20.2 30.4

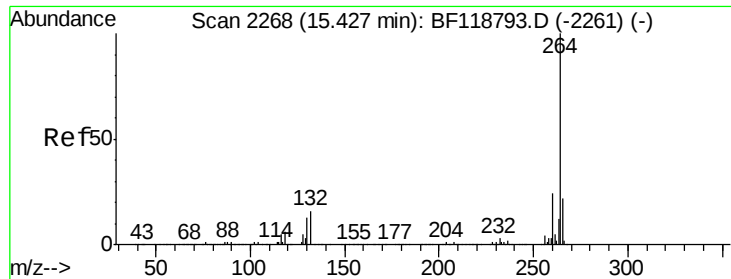


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.40 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BF118807.D

Acq: 4 Feb 2020 17:58

Instrument :

BNA_F

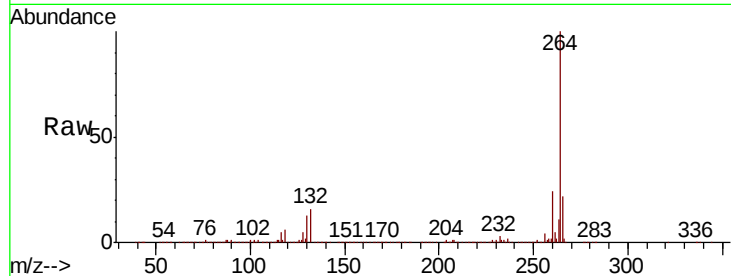
ClientSampleId :

TP-1MS

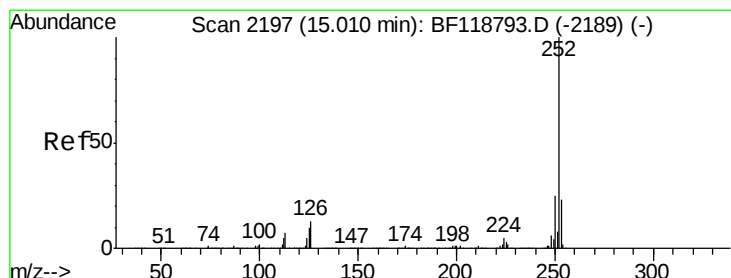
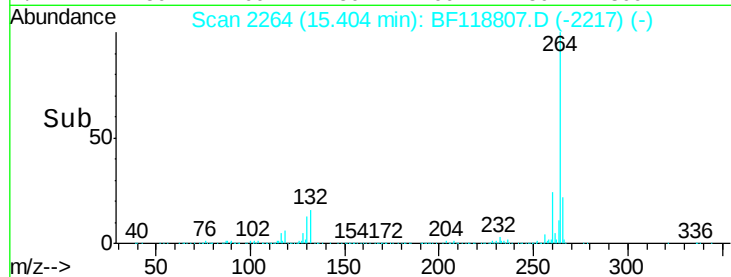
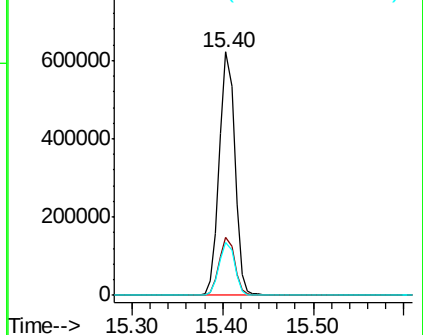
Tot Ion:	264	Resp:	738291
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.1	28.7
265	21.8	17.2	25.8

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



#88

Benzo(b)fluoranthene

Concen: 36.469 ng

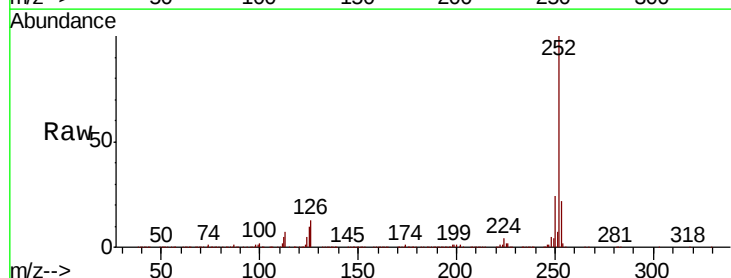
RT: 14.99 min Scan# 2194

Delta R.T. -0.02 min

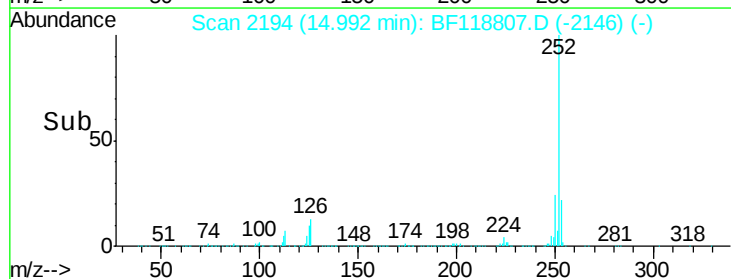
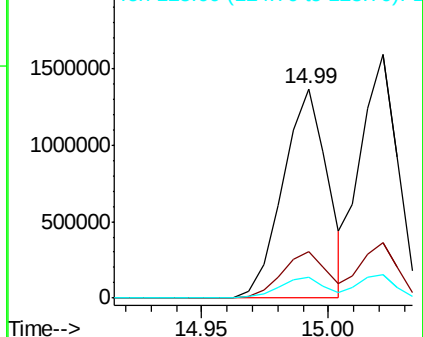
Lab File: BF118807.D

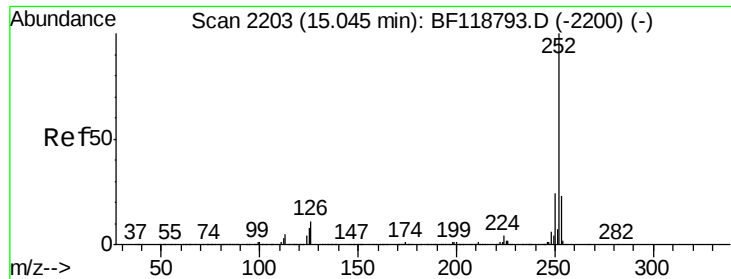
Acq: 4 Feb 2020 17:58

Tgt Ion:	252	Resp:	1670719
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	9.9	8.1	12.1



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





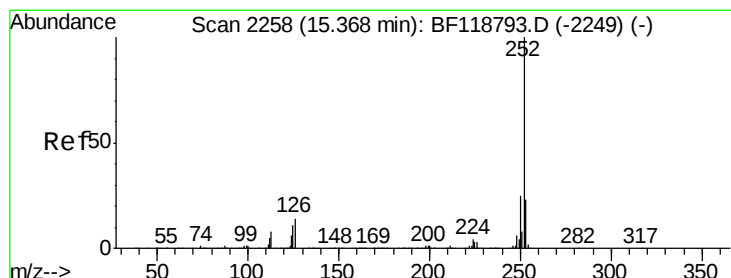
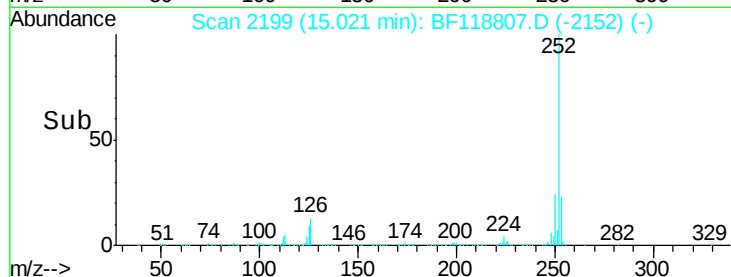
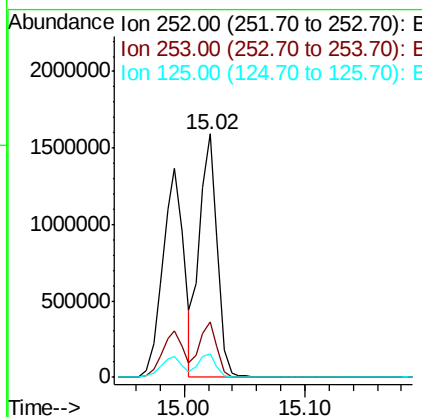
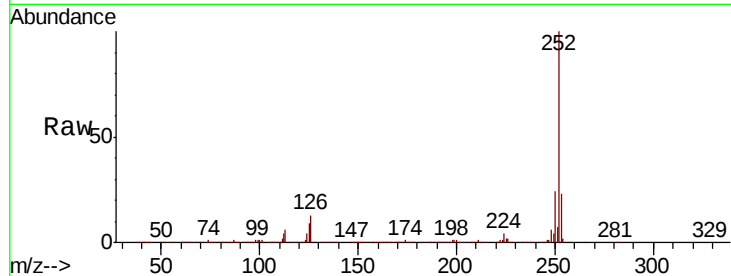
#89
Benzo(k)fluoranthene
Concen: 40.928 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion:252 Resp: 1632743
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.4 7.0 10.6

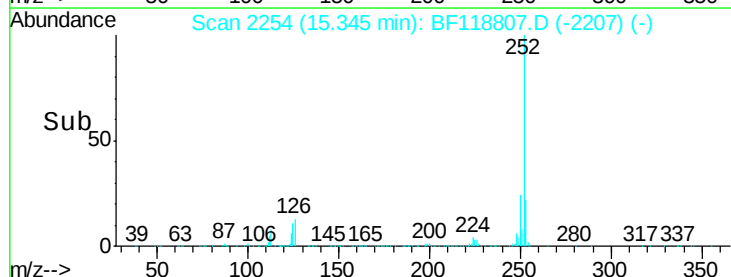
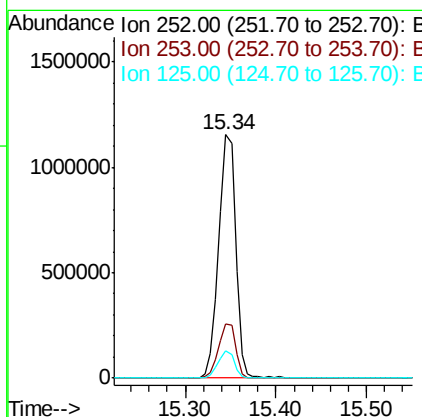
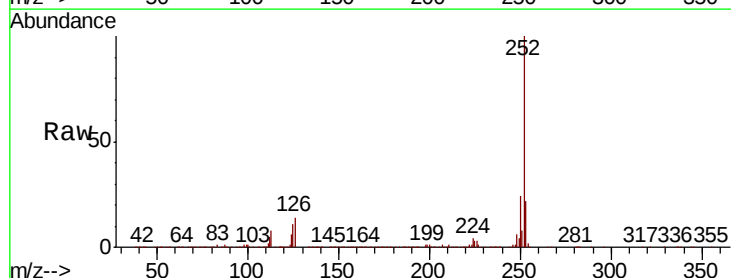
Manual Integrations
APPROVED

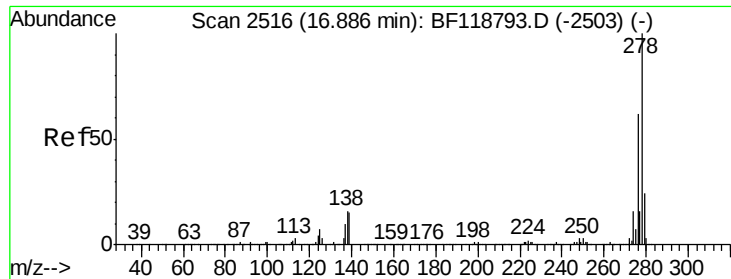
mohammad
2/6/2020 2:17:06 PM



#90
Benzo(a)pyrene
Concen: 38.325 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion:252 Resp: 1502577
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.4 8.7 13.1





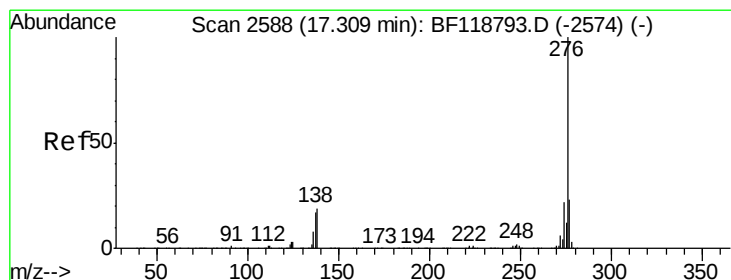
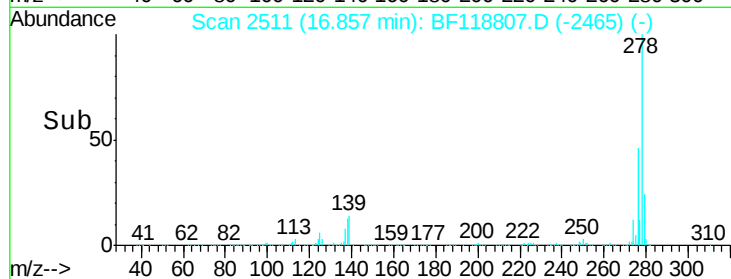
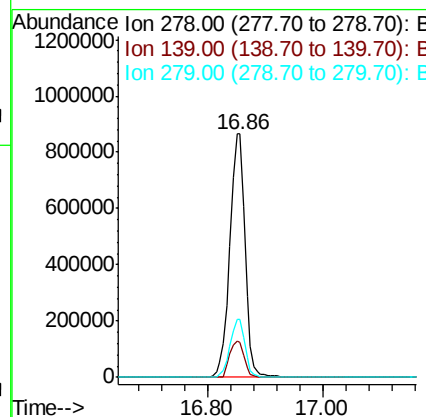
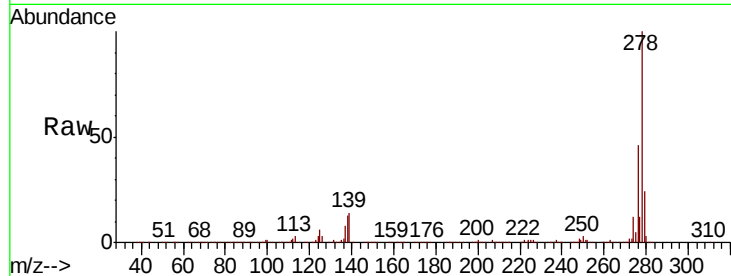
#91
Dibenzo(a,h)anthracene
Concen: 45.689 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.03 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	23.8	19.1	28.7

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 48.481 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.04 min
Lab File: BF118807.D
Acq: 4 Feb 2020 17:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.7	28.1
138	20.0	15.4	23.2

