

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118810.D
 Acq On : 4 Feb 2020 19:21
 Operator : CG/JU
 Sample : L1377-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

Manual Integrations
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 2/6/2020 2:17:14 PM

Quant Time: Feb 05 06:49:33 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	265875	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1024140	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	587118	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1094775	20.00	ng	0.00
76) Chrysene-d12	13.97	240	703210	20.00	ng	-0.01
87) Perylene-d12	15.41	264	701894	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	958977	68.28	ng	0.00
7) Phenol-d6	6.44	99	767421	44.01	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1594699	92.81	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	712149	101.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3170971	96.55	ng	0.00
79) Terphenyl-d14	12.92	244	3849343	112.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	181471	28.350	ng	99
3) Pyridine	3.34	79	423007	23.799	ng	99
4) n-Nitrosodimethylamine	3.27	42	205200	31.709	ng	99
6) Aniline	6.47	93	786282	35.014	ng	99
8) 2-Chlorophenol	6.60	128	823492	52.638	ng	100
9) Benzaldehyde	6.36	77	453391	48.648	ng	97
10) Phenol	6.46	94	511338	26.375	ng	95
11) bis(2-Chloroethyl)ether	6.55	93	751526	50.668	ng	99
12) 1,3-Dichlorobenzene	6.76	146	782850	42.039	ng	97
13) 1,4-Dichlorobenzene	6.83	146	795855	42.846	ng	98
14) 1,2-Dichlorobenzene	6.99	146	749215	42.224	ng	99
15) Benzyl Alcohol	6.95	79	615203	45.648	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	873248	48.076	ng	99
17) 2-Methylphenol	7.07	107	611757	47.034	ng	99
18) Hexachloroethane	7.33	117	269725	40.458	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	555060	52.030	ng	96
20) 3+4-Methylphenols	7.22	107	652254	40.008	ng	# 87
22) Acetophenone	7.22	105	1052453	47.300	ng	98
24) Nitrobenzene	7.39	77	830413	48.379	ng	99
25) Isophorone	7.64	82	1626887	52.684	ng	98
26) 2-Nitrophenol	7.71	139	472624	51.673	ng	99
27) 2,4-Dimethylphenol	7.75	122	728947	58.669	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	988466	49.364	ng	99
29) 2,4-Dichlorophenol	7.95	162	764558	51.383	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	746751	42.937	ng	100
31) Naphthalene	8.12	128	2186034	46.670	ng	100
32) Benzoic acid	7.84	122	186976	18.176	ng	99
33) 4-Chloroaniline	8.16	127	578588	27.610	ng	98
34) Hexachlorobutadiene	8.24	225	421075	39.518	ng	99
35) Caprolactam	8.53	113	61167m	12.681	ng	
36) 4-Chloro-3-methylphenol	8.65	107	769855	51.412	ng	98
37) 2-Methylnaphthalene	8.81	142	1581905	48.695	ng	98
38) 1-Methylnaphthalene	8.91	142	1497695	49.009	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	782055	44.135	ng	99

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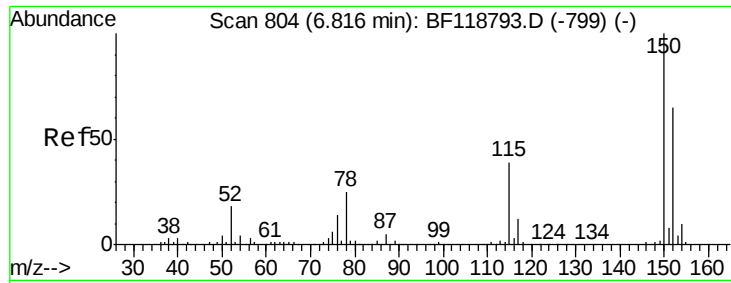
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	748441	107.718	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	606142	51.154	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	621471	51.331	nq	98
46) 1,1'-Biphenyl	9.27	154	1965394	48.393	nq	99
47) 2-Chloronaphthalene	9.30	162	1571276	46.538	nq	100
48) 2-Nitroaniline	9.39	65	466636	47.919	nq	99
49) Acenaphthylene	9.72	152	2442345	50.099	nq	99
50) Dimethylphthalate	9.58	163	2182092	54.583	nq	99
51) 2,6-Dinitrotoluene	9.63	165	474608	51.886	nq	98
52) Acenaphthene	9.89	154	1724917	53.695	nq	100
53) 3-Nitroaniline	9.80	138	272821	26.893	nq	96
54) 2,4-Dinitrophenol	9.91	184	481110	109.408	nq	96
55) Dibenzofuran	10.06	168	2256310	48.601	nq	99
56) 4-Nitrophenol	9.96	139	388569	52.924	nq	93
57) 2,4-Dinitrotoluene	10.04	165	627959	51.875	nq	94
58) Fluorene	10.40	166	1680167	48.106	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	546294	51.666	nq	99
60) Diethylphthalate	10.27	149	1968604	50.642	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	908420	47.960	nq	99
62) 4-Nitroaniline	10.42	138	434689	42.789	nq	99
63) Azobenzene	10.55	77	1707291	51.444	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	364828	59.305	nq	98
66) n-Nitrosodiphenylamine	10.51	169	1623958	51.210	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	646423	49.914	nq	97
68) Hexachlorobenzene	10.95	284	728774	49.061	nq	97
69) Atrazine	11.04	200	546505	51.729	nq	99
70) Pentachlorophenol	11.15	266	764893	97.521	nq	99
71) Phenanthrene	11.36	178	2577217	47.846	nq	100
72) Anthracene	11.41	178	2662816	49.693	nq	100
73) Carbazole	11.56	167	2321816	49.372	nq	100
74) Di-n-butylphthalate	11.90	149	2912976	48.625	nq	100
75) Fluoranthene	12.54	202	2691483	45.765	nq	99
77) Benzidine	12.66	184	1226463	57.664	nq	99
78) Pyrene	12.77	202	2654590	55.027	nq	99
80) Butylbenzylphthalate	13.39	149	1206856	54.810	nq	94
81) Benzo(a)anthracene	13.96	228	2098506	50.149	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	586355	34.260	nq	97
83) Chrysene	14.00	228	2137822	50.903	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1559213	55.814	nq	99
85) Di-n-octyl phthalate	14.56	149	2553048	53.346	nq	100
86) Indeno(1,2,3-cd)pyrene	16.84	276	2363253	56.006	nq	100
88) Benzo(b)fluoranthene	15.00	252	2168024	49.778	nq	98
89) Benzo(k)fluoranthene	15.03	252	1921488	50.663	nq	100
90) Benzo(a)pyrene	15.35	252	1844996	49.499	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1982250	59.906	nq	98
92) Benzo(g,h,i)perylene	17.28	276	2009302	63.142	nq	99

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



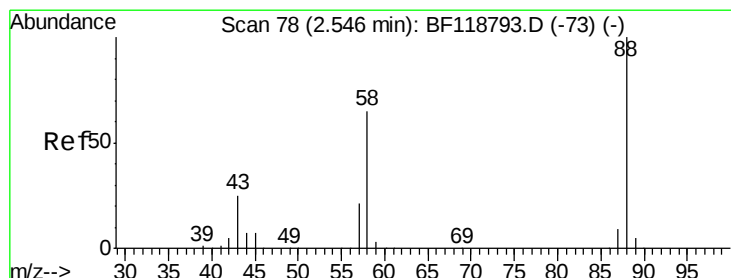
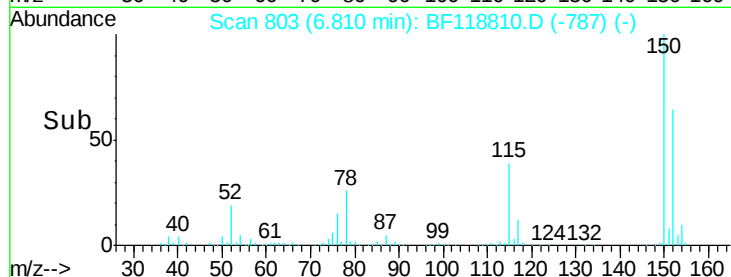
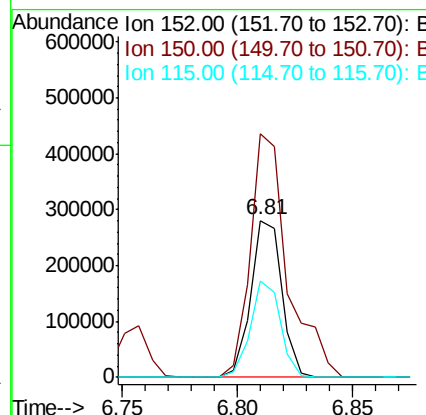
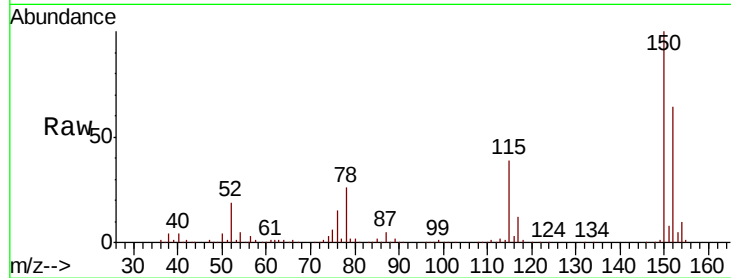
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampled :
 BW-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.6	185.4
115	61.1	48.2	72.2

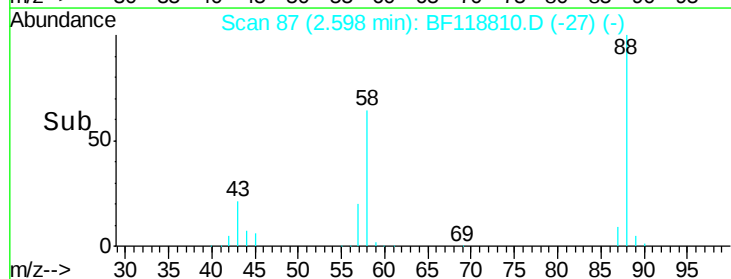
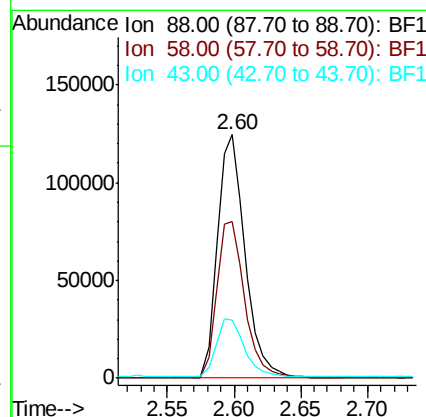
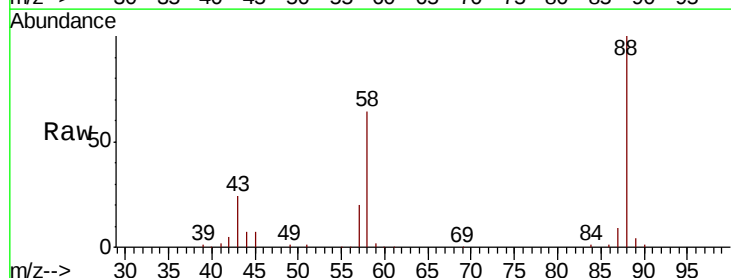
Manual Integrations
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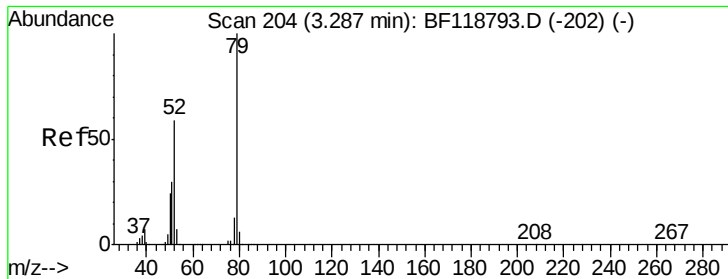
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#2
 1,4-Dioxane
 Concen: 28.350 ng
 RT: 2.60 min Scan# 87
 Delta R.T. 0.05 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.9	51.6	77.4
43	23.7	19.8	29.6





#3

Pvridine

Concen: 23.799 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

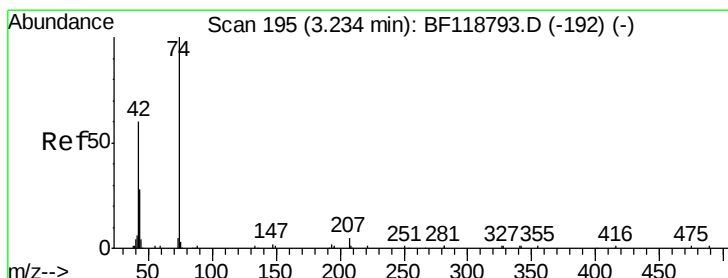
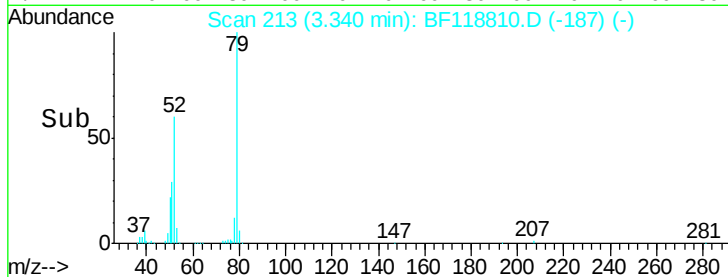
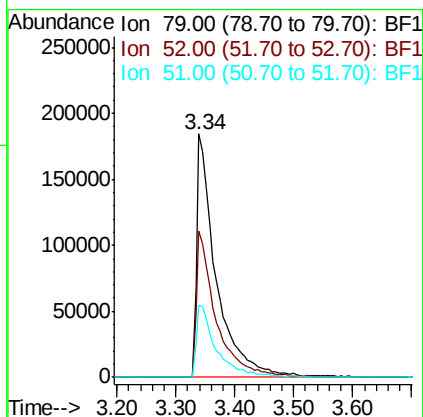
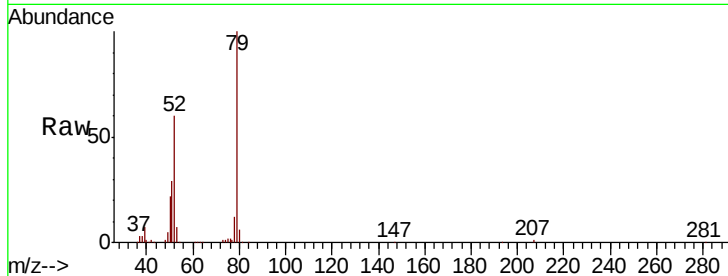
ClientSampleId :

BW-2MS

Tot Ion:	79	Resp:	423007
Ion Ratio	Lower	Upper	
79	100		
52	60.0	47.4	71.0
51	29.4	24.2	36.4

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#4

n-Nitrosodimethylamine

Concen: 31.709 ng

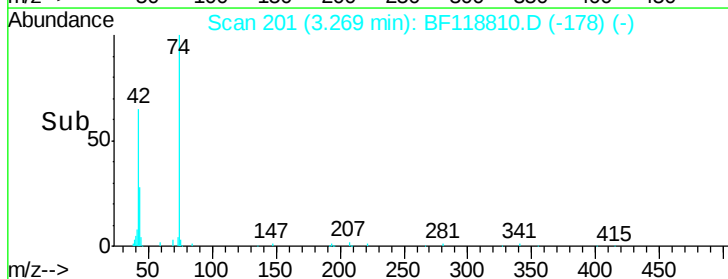
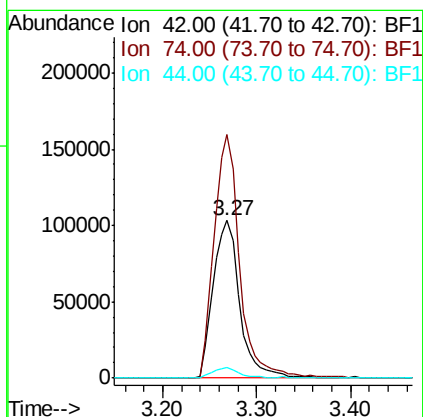
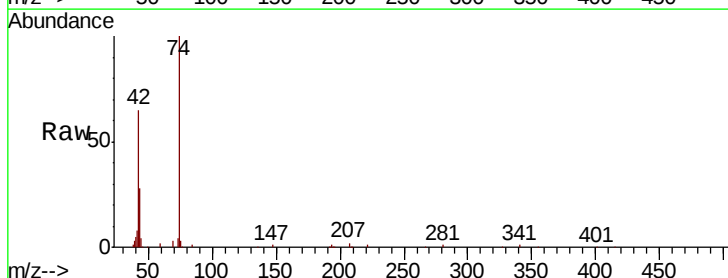
RT: 3.27 min Scan# 201

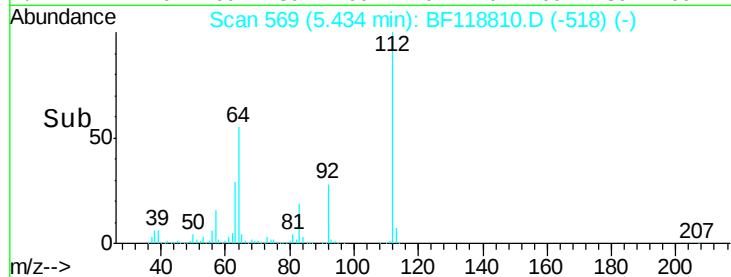
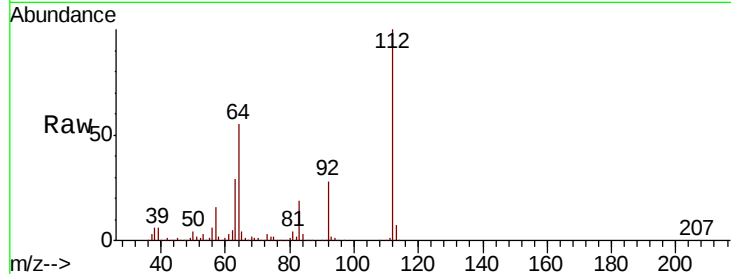
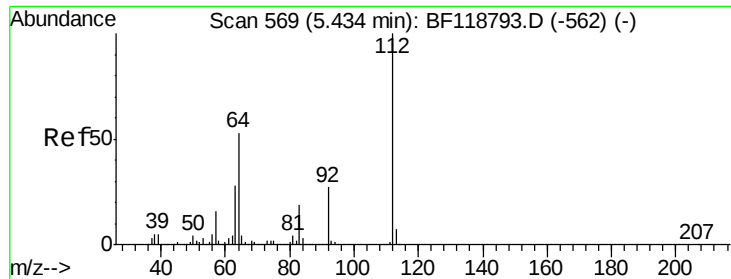
Delta R.T. 0.04 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	42	Resp:	205200
Ion Ratio	Lower	Upper	
42	100		
74	154.6	124.3	186.5
44	6.4	5.3	7.9





#5

2-Fluorophenol

Concen: 68.275 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		958977		
64	55.0	42.6	63.8		
63	28.5	22.2	33.4		

Instrument :

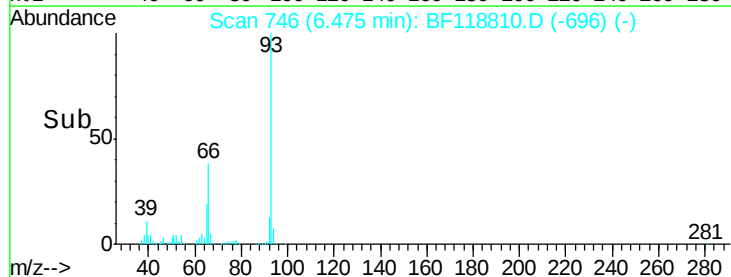
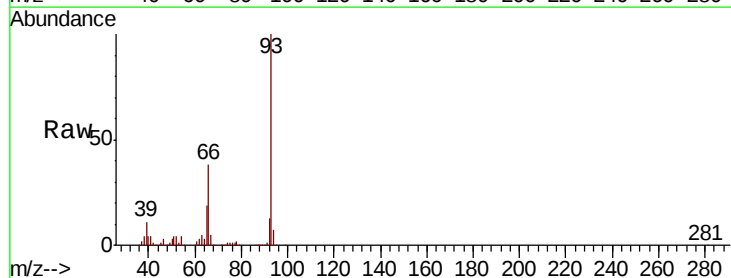
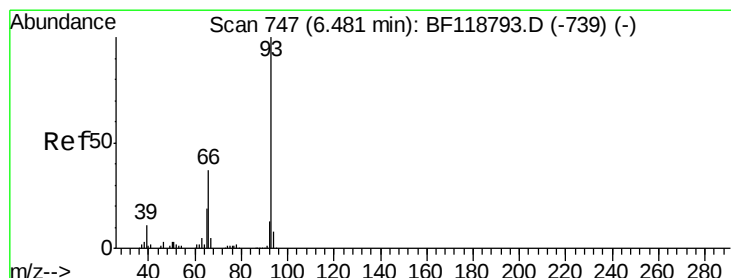
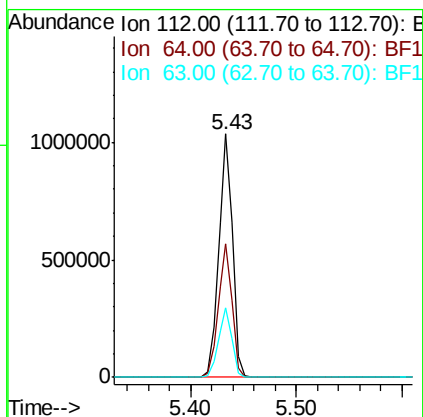
BNA_F

ClientSampleId :

BW-2MS

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#6

Aniline

Concen: 35.014 ng

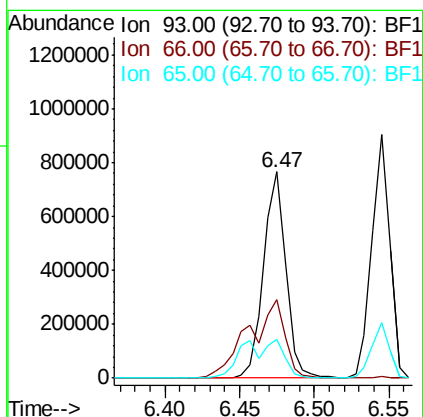
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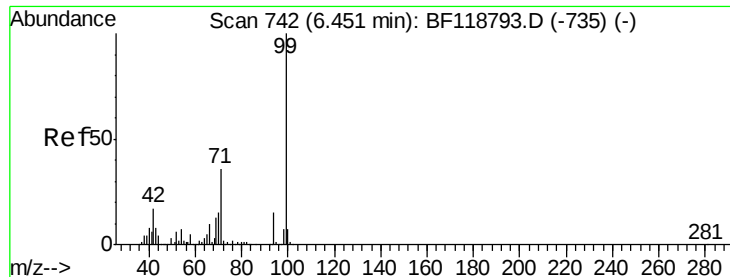
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		786282		
66	38.1	30.8	46.2		
65	19.0	15.4	23.0		





#7

Phenol-d6

Concen: 44.014 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

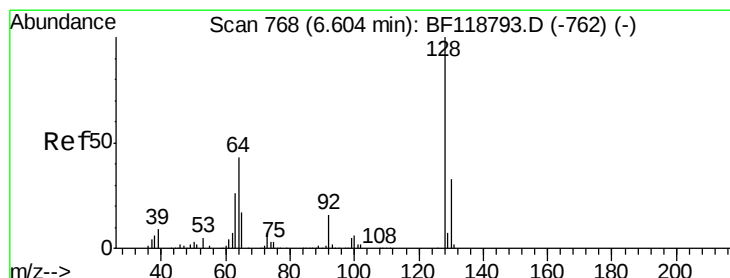
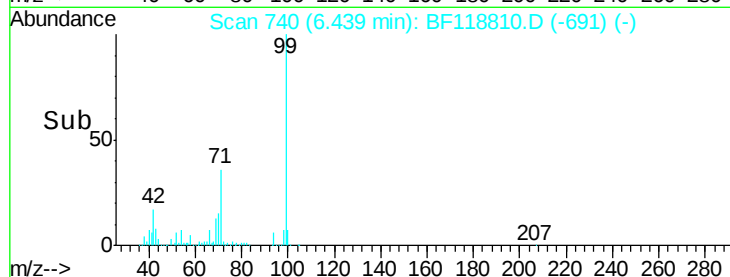
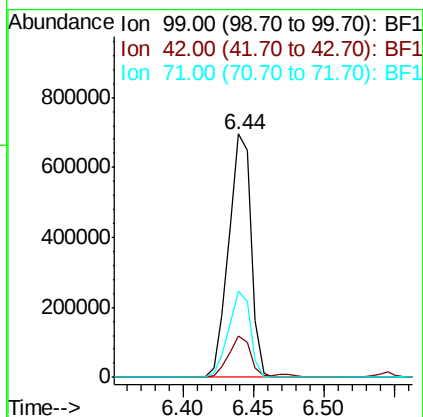
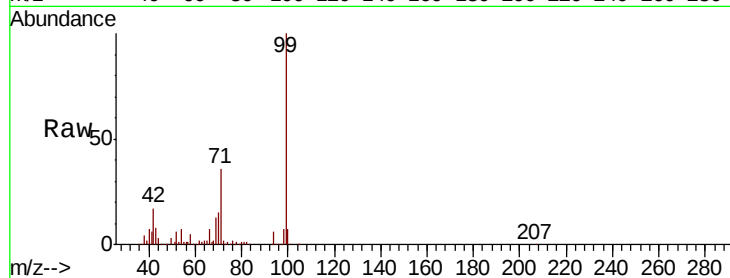
ClientSampleId :

BW-2MS

Tot Ion:	99	Resp:	767421
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.4	20.0
71	35.5	29.0	43.6

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#8

2-Chlorophenol

Concen: 52.638 ng

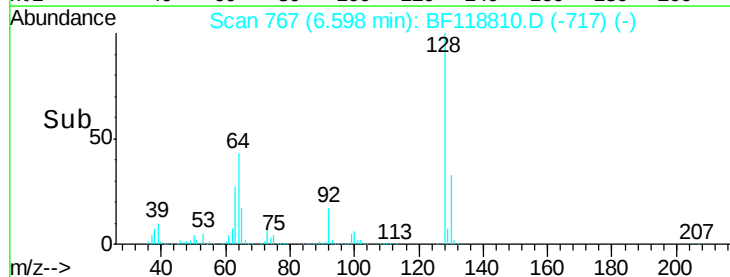
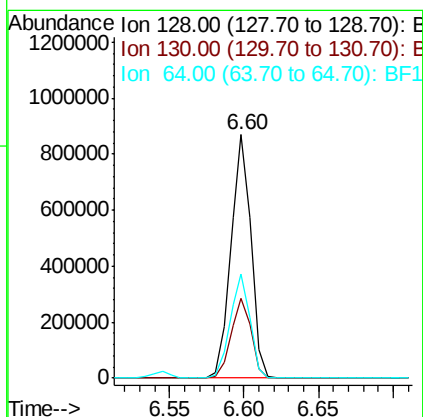
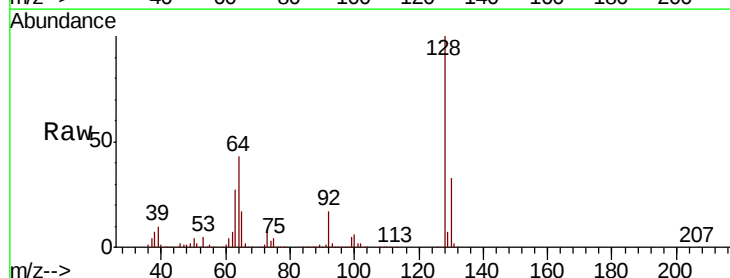
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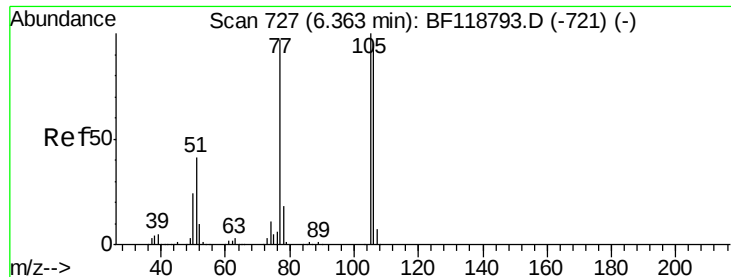
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	128	Resp:	823492
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	42.7	23.0	63.0





#9

Benzaldehyde

Concen: 48.648 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

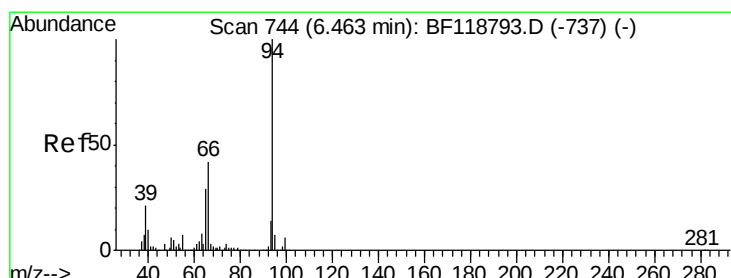
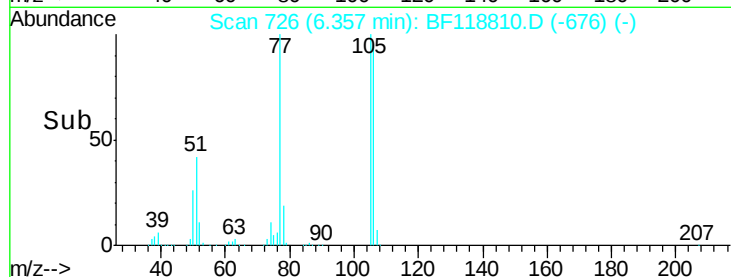
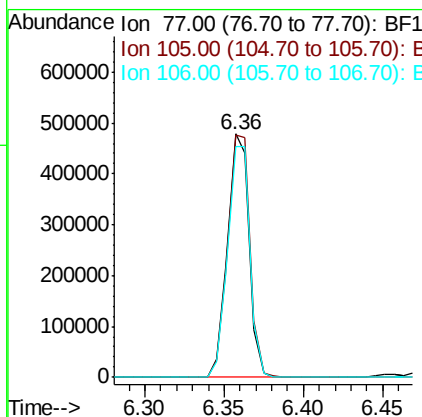
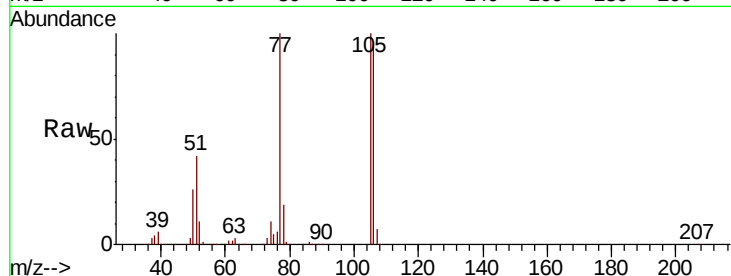
ClientSampleId :

BW-2MS

Tot Ion:	77	Resp:	453391
Ion	Ratio	Lower	Upper
77	100		
105	99.7	82.8	122.8
106	95.0	78.1	118.1

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#10

Phenol

Concen: 26.375 ng

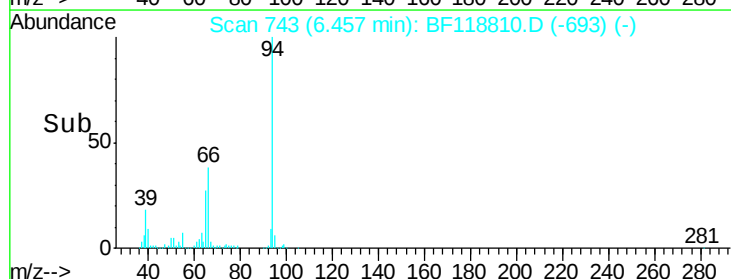
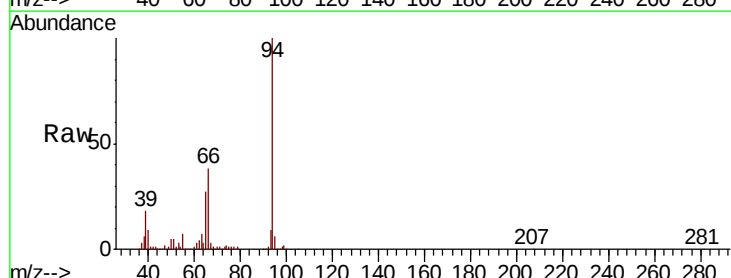
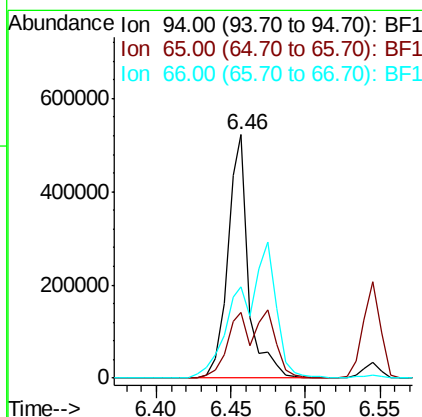
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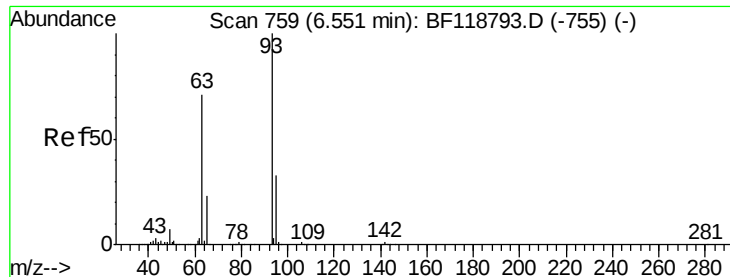
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	94	Resp:	511338
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.1	49.1
66	37.7	21.7	61.7





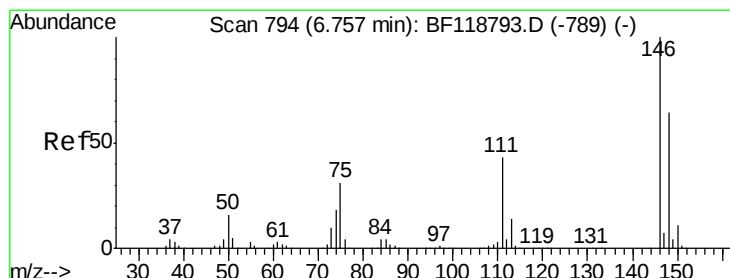
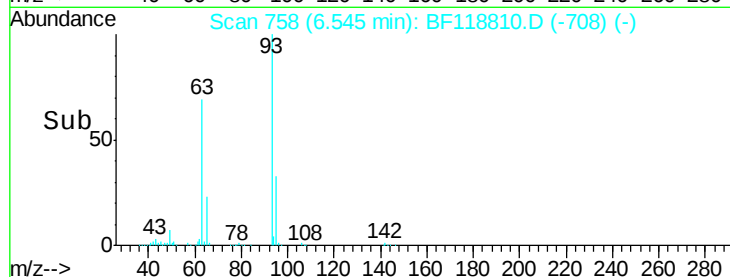
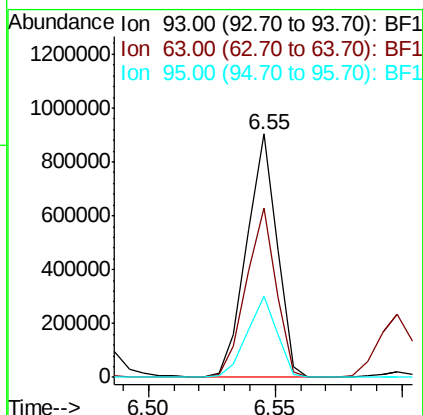
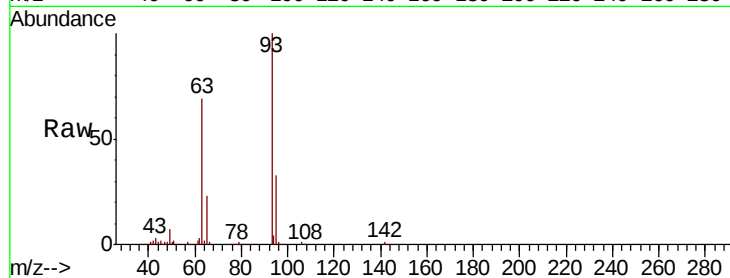
#11
bis(2-Chloroethyl)ether
Concen: 50.668 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	69.4	50.7	90.7	
95	33.2	12.6	52.6	

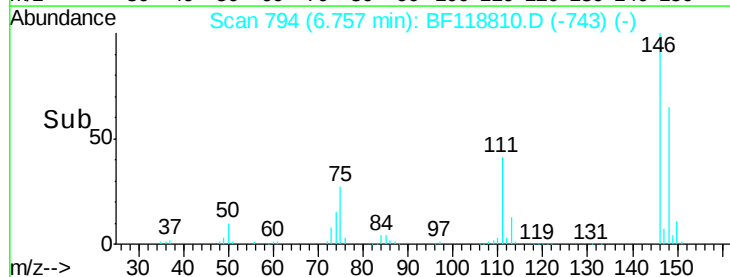
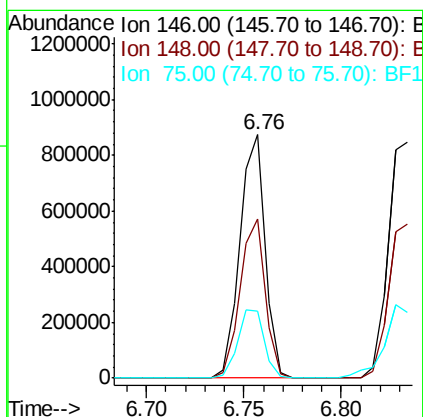
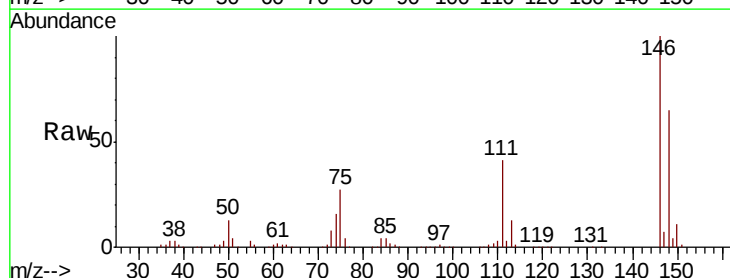
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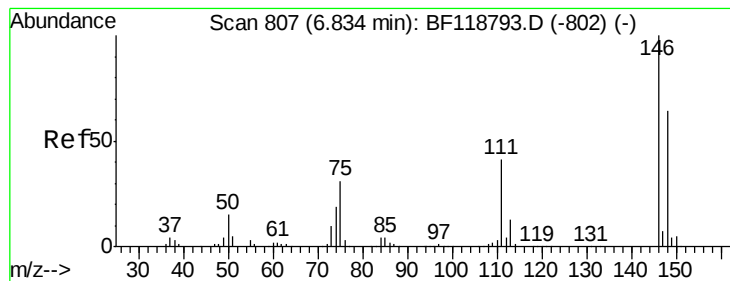
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.039 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.2	51.1	76.7	
75	27.4	25.0	37.4	





#13

1,4-Dichlorobenzene

Concen: 42.846 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

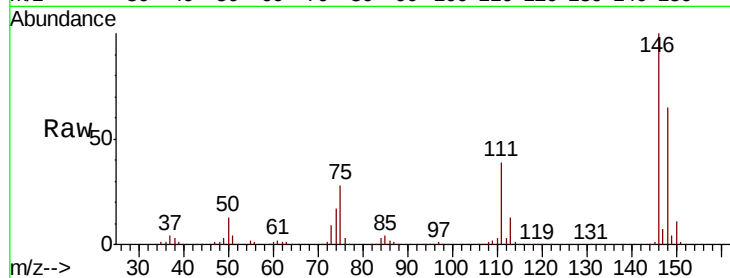
ClientSampleId :

BW-2MS

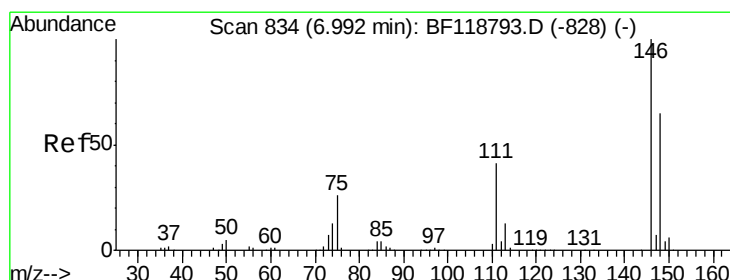
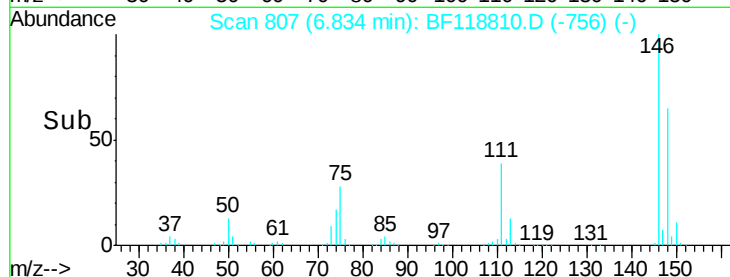
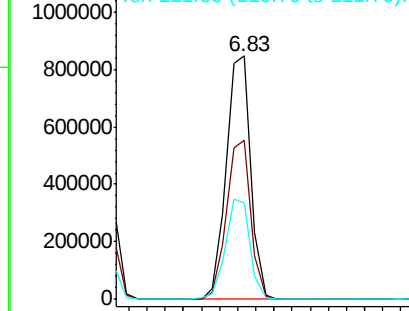
Tot Ion:	146	Resp:	795855
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.6	77.4
111	39.4	32.9	49.3

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.224 ng

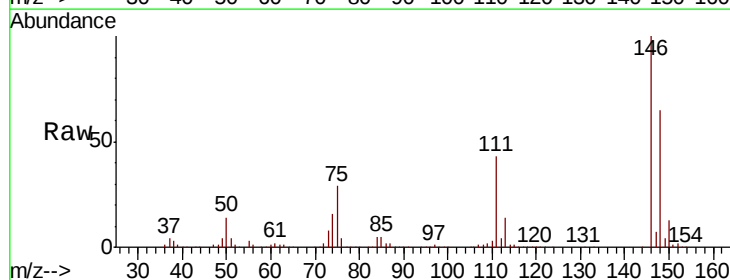
RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

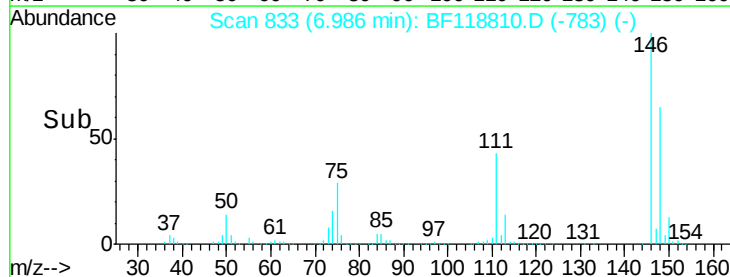
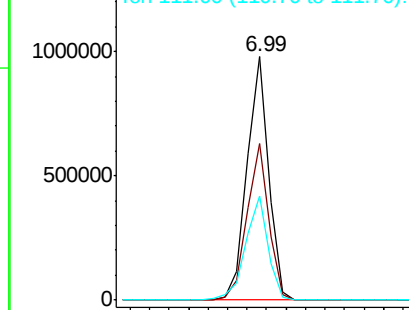
Lab File: BF118810.D

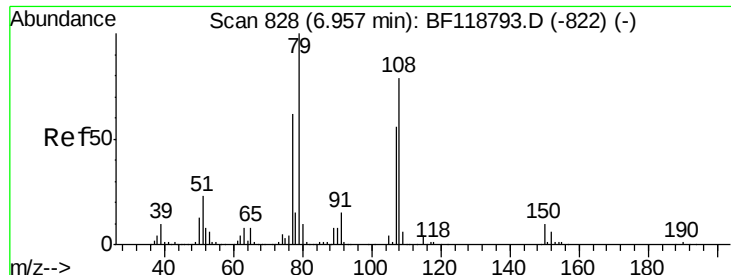
Acq: 4 Feb 2020 19:21

Tgt Ion:	146	Resp:	749215
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.6	77.4
111	42.6	32.7	49.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.648 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

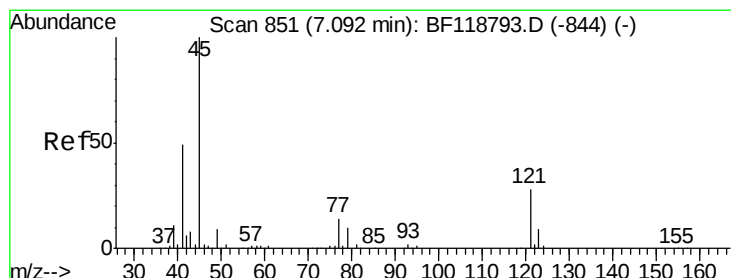
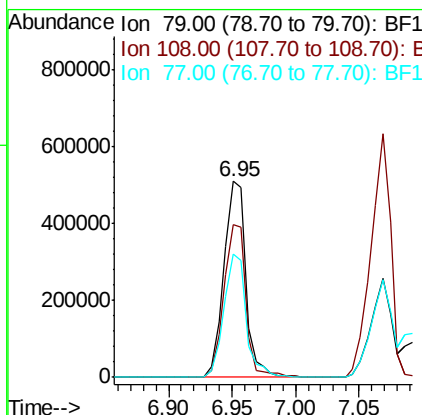
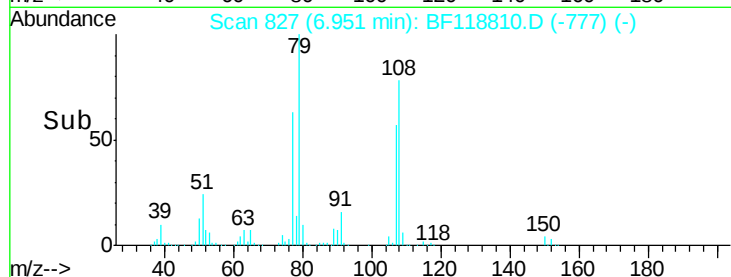
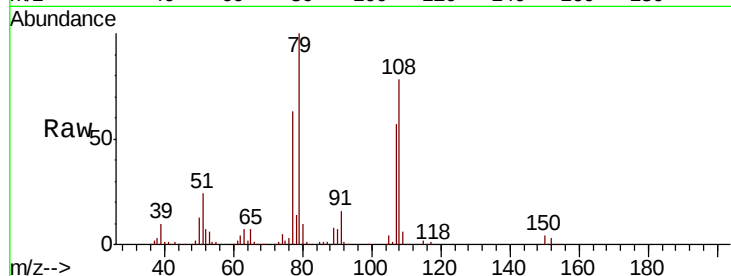
ClientSampleId :

BW-2MS

Tot Ion:	79	Resp:	615203
Ion Ratio	Lower	Upper	
79	100		
108	78.0	62.9	94.3
77	62.8	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.076 ng

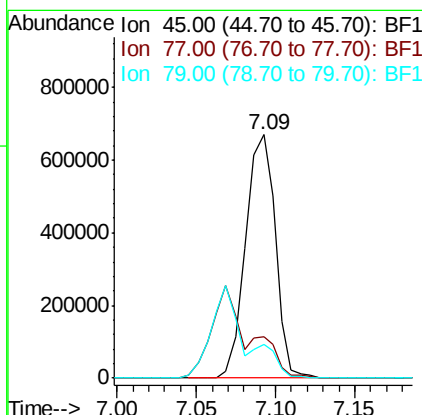
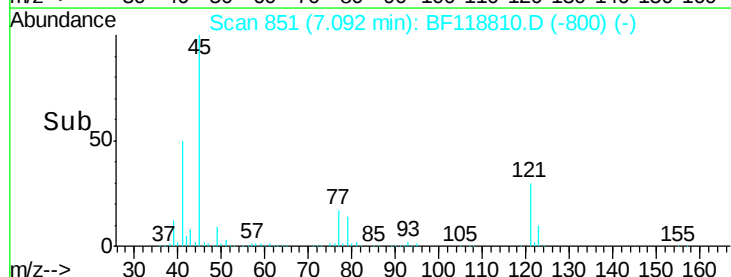
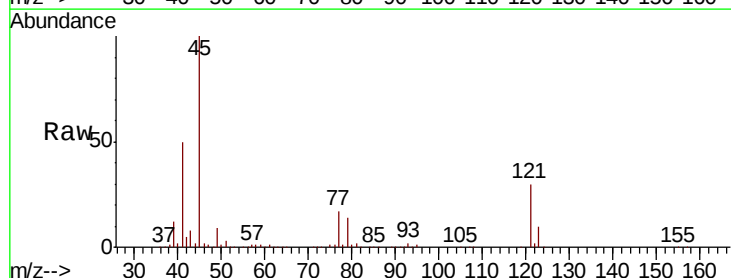
RT: 7.09 min Scan# 851

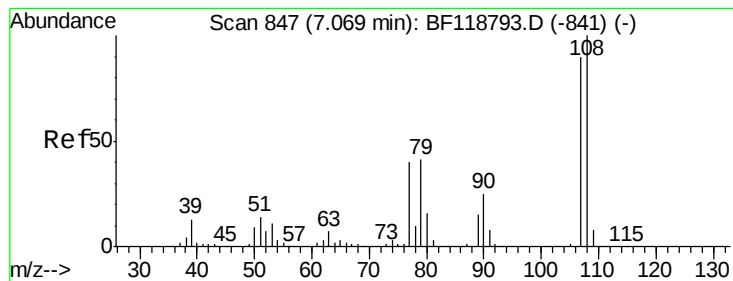
Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	45	Resp:	873248
Ion Ratio	Lower	Upper	
45	100		
77	17.1	0.0	37.1
79	13.6	0.0	33.1





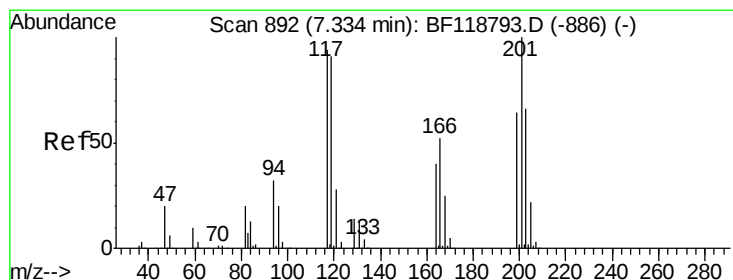
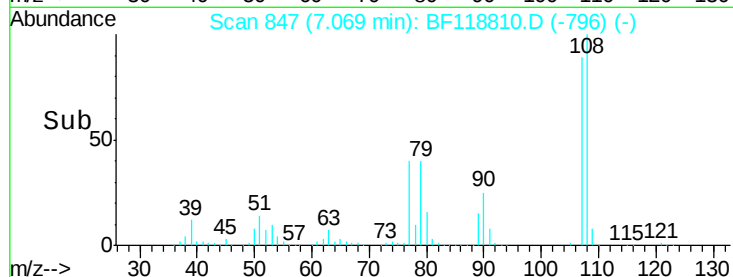
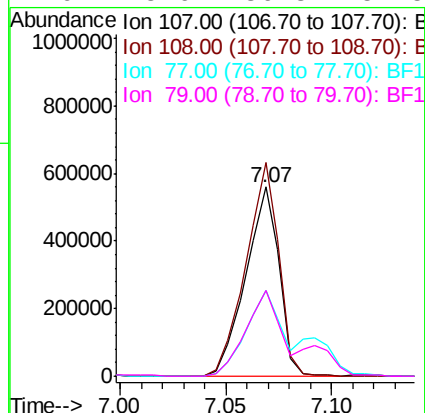
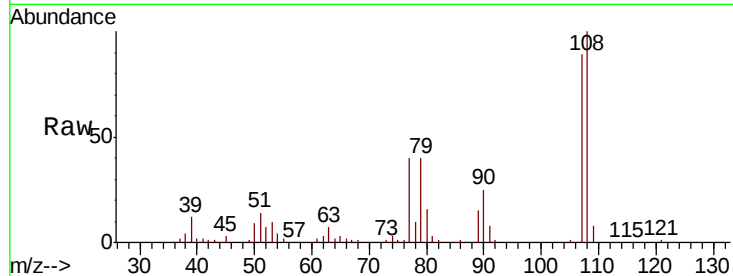
#17
2-Methylphenol
Concen: 47.034 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	89.3	133.9	
77	45.2	36.2	54.2	
79	45.6	36.3	54.5	

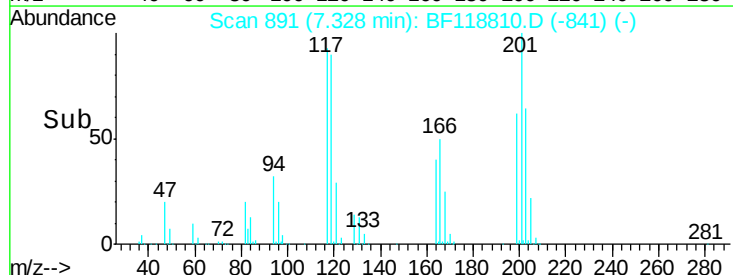
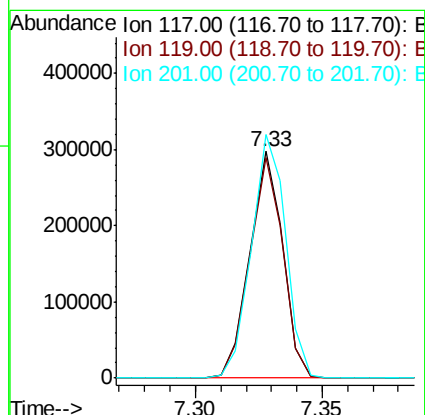
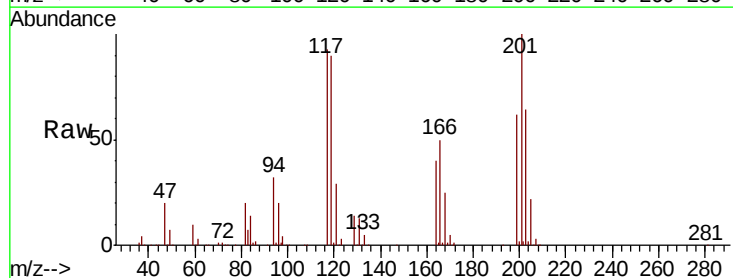
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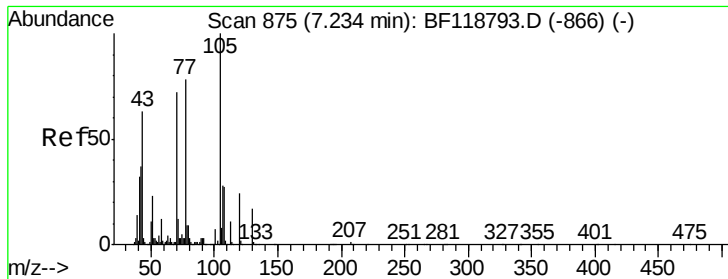
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#18
Hexachloroethane
Concen: 40.458 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.4	116.0	
201	107.5	85.1	127.7	





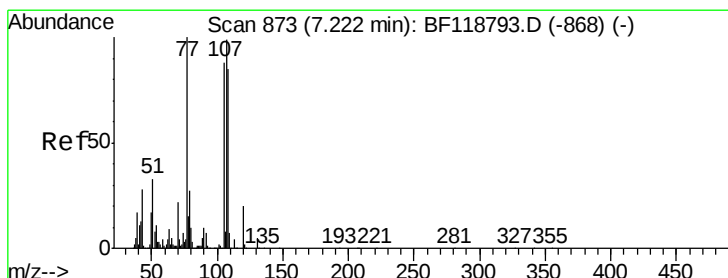
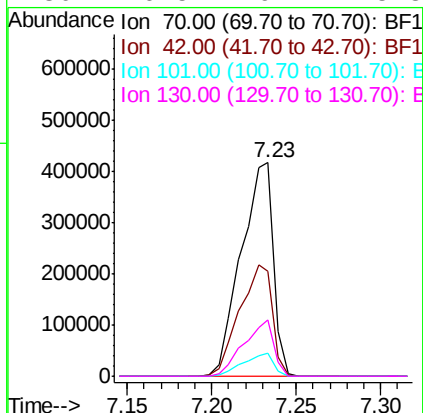
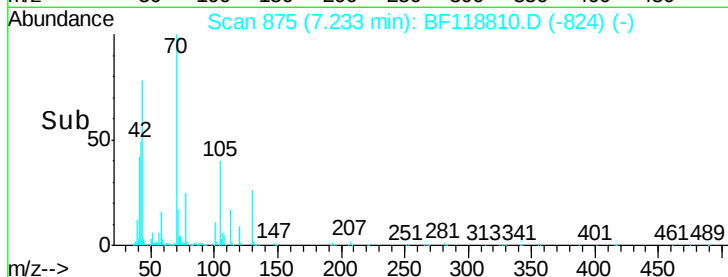
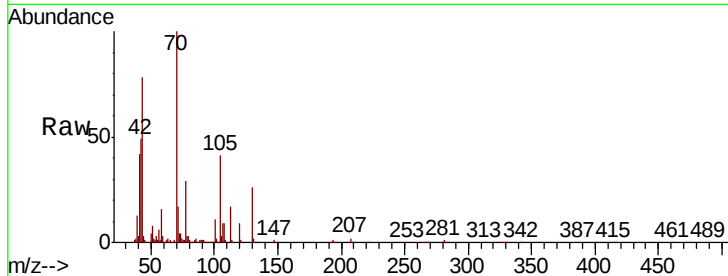
#19
n-Nitroso-di-n-propylamine
Concen: 52.030 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	41.5	62.3
101	10.7	8.3	12.5
130	26.5	19.2	28.8

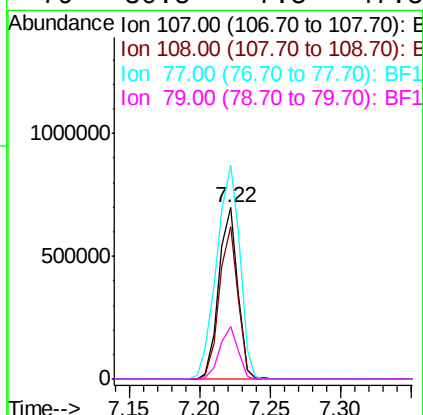
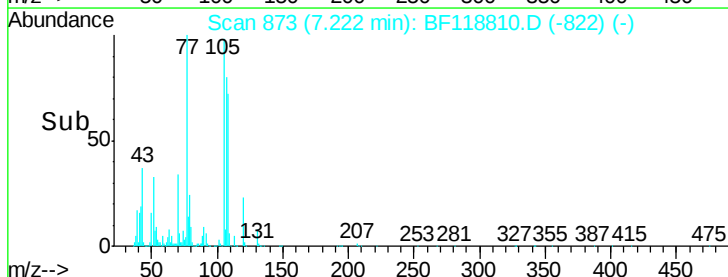
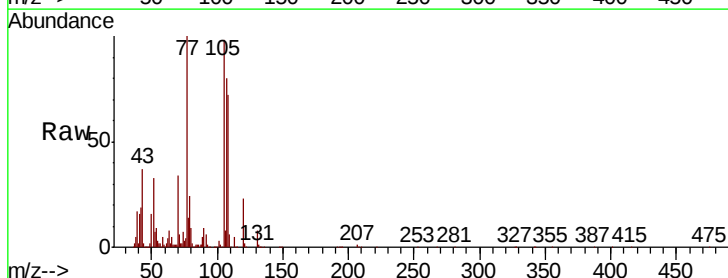
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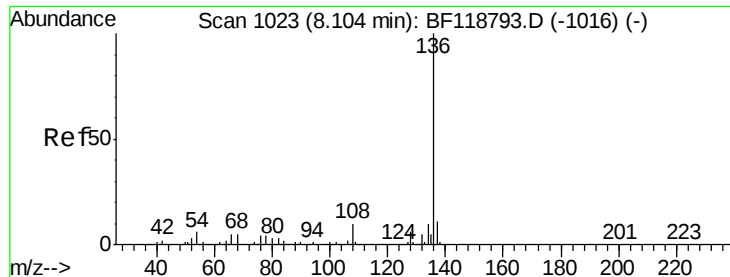
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#20
3+4-Methylphenols
Concen: 40.008 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	65.9	105.9
77	124.7	80.9	120.9
79	30.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

ClientSampleId :

BW-2MS

Tot Ion:136 Resp: 1024140

Ion Ratio Lower Upper

136 100

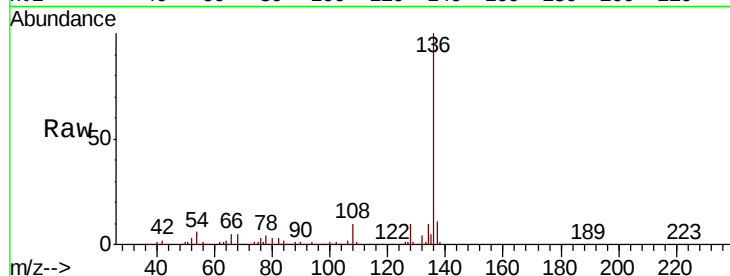
137 11.0 8.7 13.1

54 5.9 5.0 7.6

68 5.4 4.2 6.4

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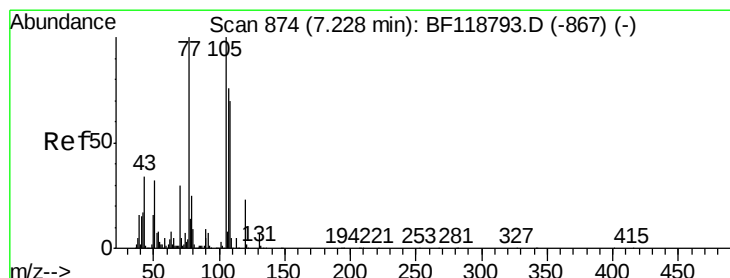
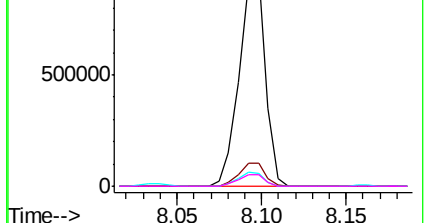
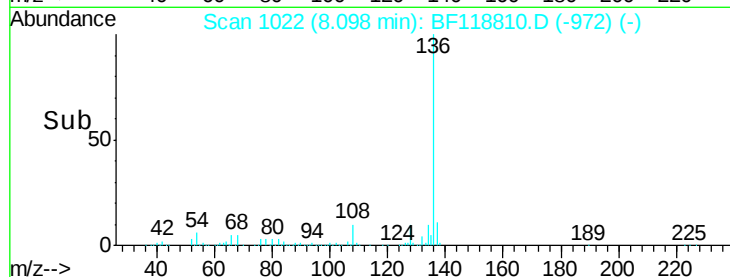


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.300 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:105 Resp: 1052453

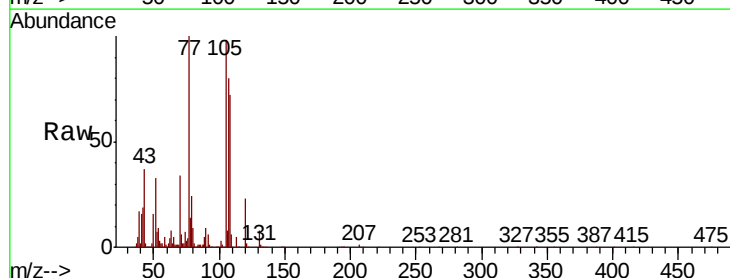
Ion Ratio Lower Upper

105 100

71 5.9 4.2 6.4

51 33.4 25.5 38.3

120 23.7 18.6 28.0

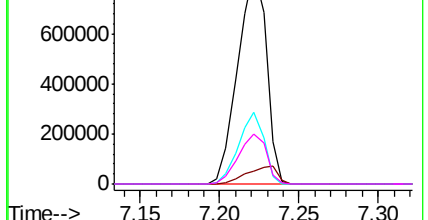
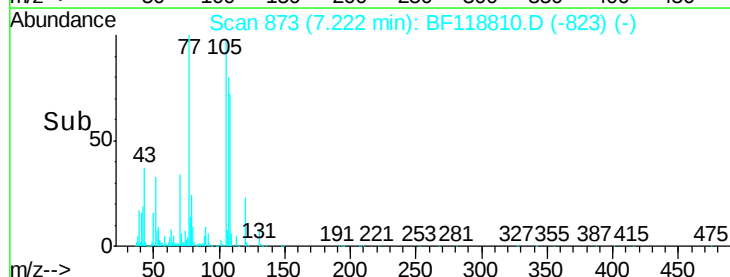


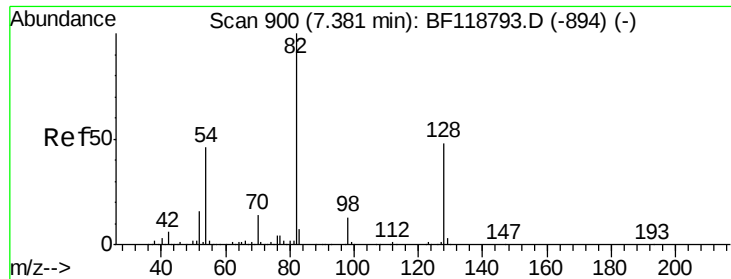
Abundance Ion 105.00 (104.70 to 105.70): E

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





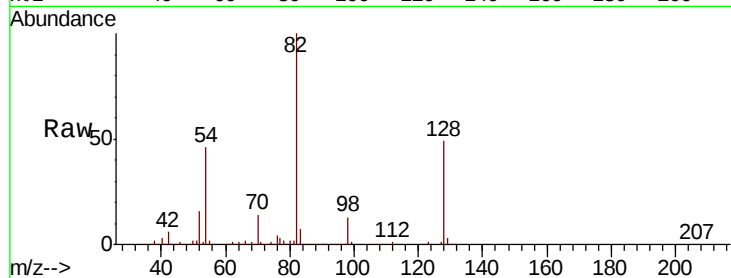
#23
 Nitrobenzene-d5
 Concen: 92.811 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

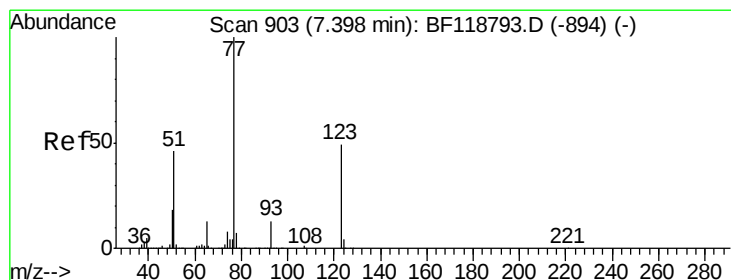
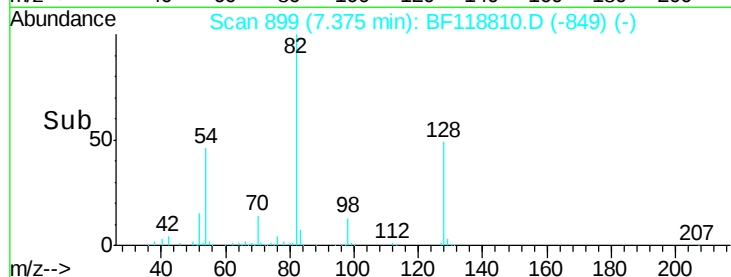
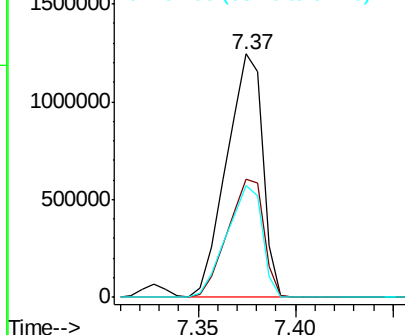
Tot Ion	82	Resp	1594699
Ion Ratio	100	Lower	Upper
128	48.6	38.5	57.7
54	45.7	36.7	55.1

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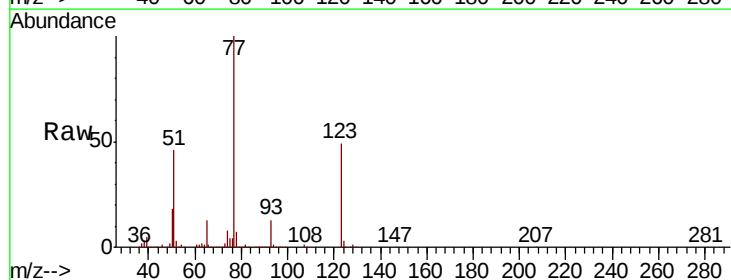


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

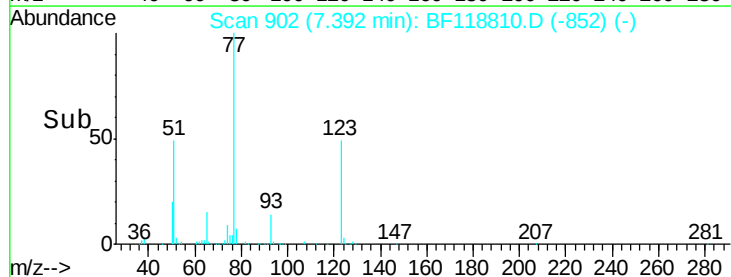
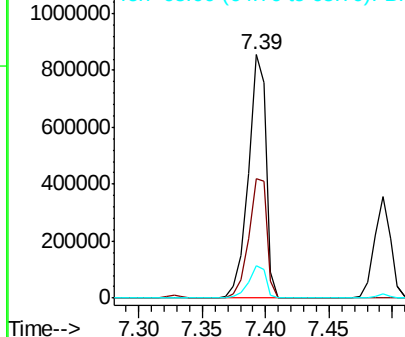


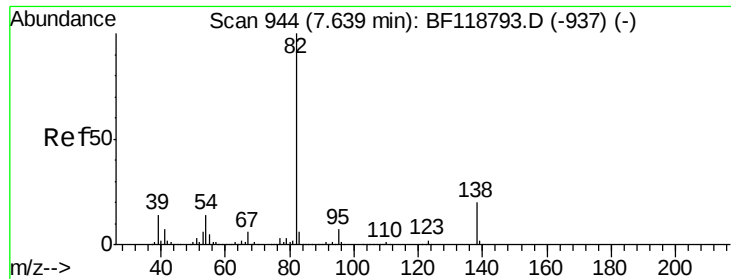
#24
 Nitrobenzene
 Concen: 48.379 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	77	Resp	830413
Ion Ratio	100	Lower	Upper
123	49.3	39.0	58.4
65	13.5	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





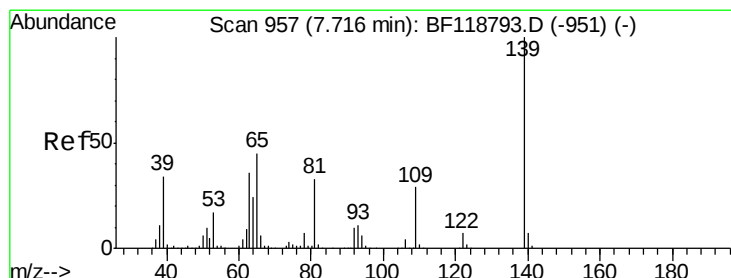
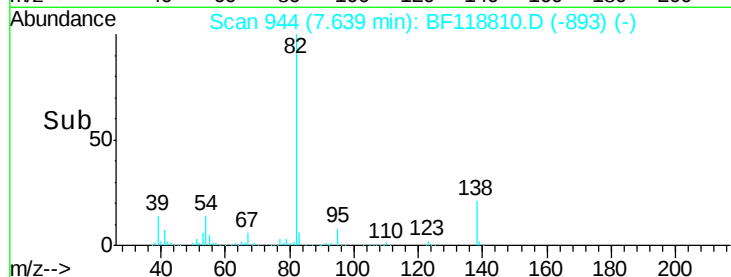
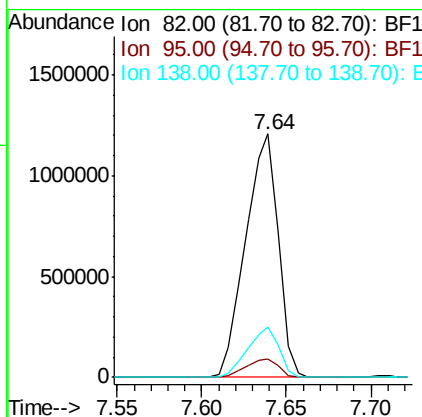
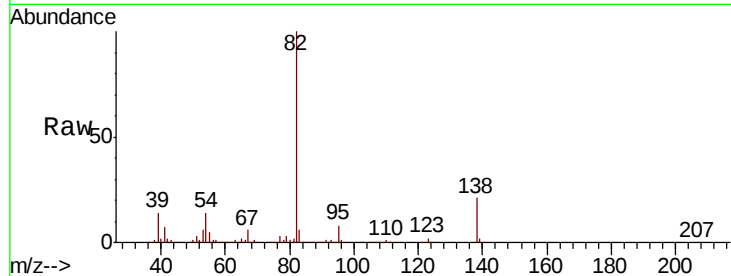
#25
Isophorone
Concen: 52.684 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion: 82 Resp: 1626887
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.5 15.7 23.5

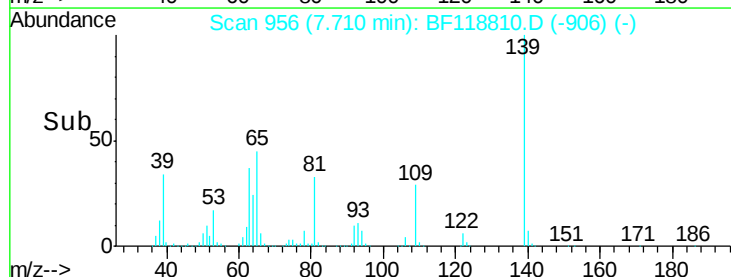
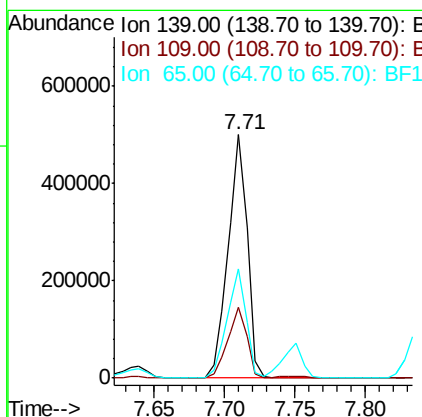
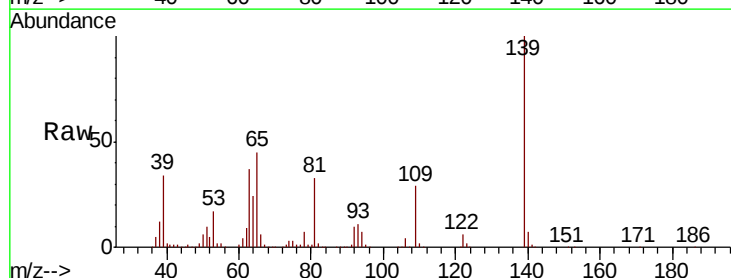
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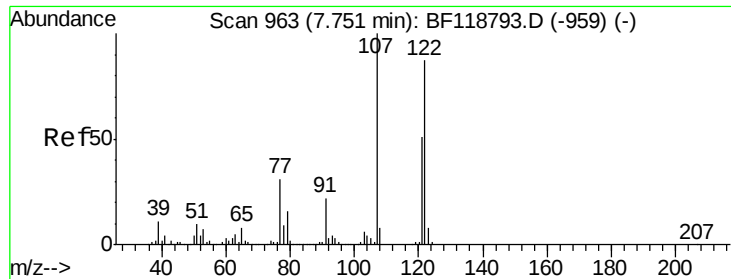
mohammad
2/6/2020 2:17:14 PM



#26
2-Nitrophenol
Concen: 51.673 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion: 139 Resp: 472624
Ion Ratio Lower Upper
139 100
109 29.1 23.4 35.0
65 44.6 36.2 54.2





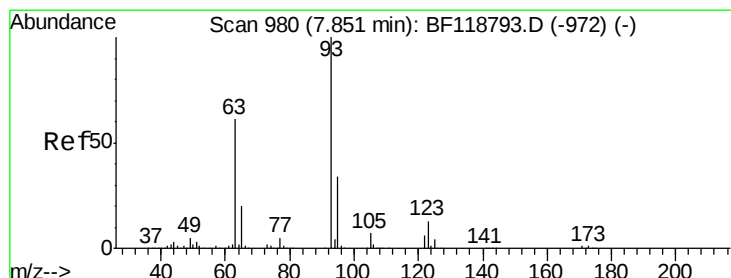
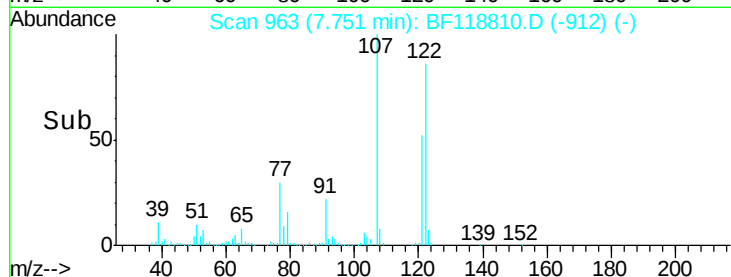
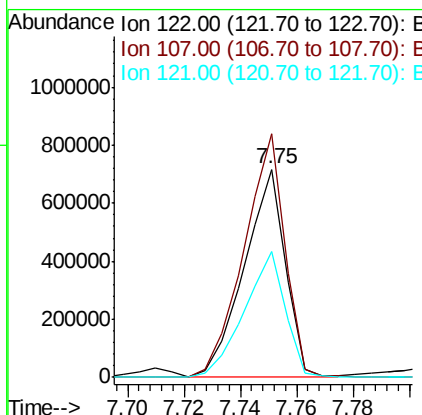
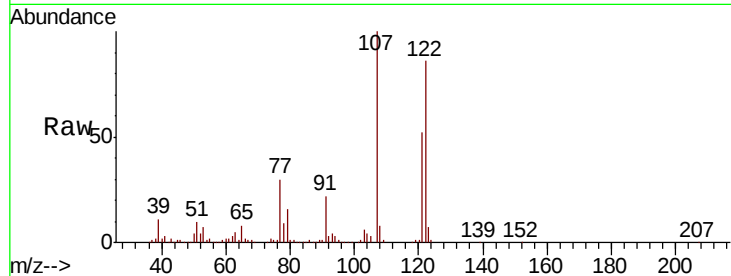
#27
2,4-Dimethylphenol
Concen: 58.669 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.9	92.2		138.2	
121	60.8	46.8		70.2	

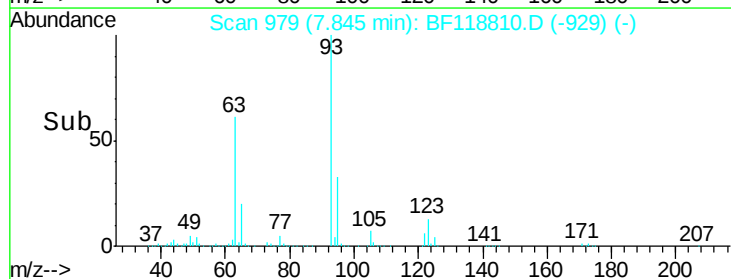
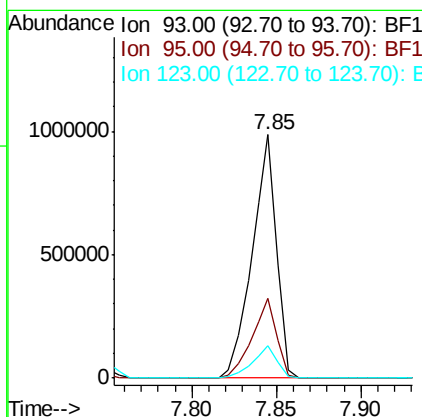
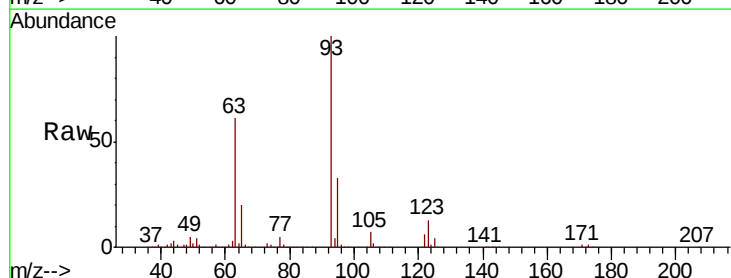
Manual Integrations
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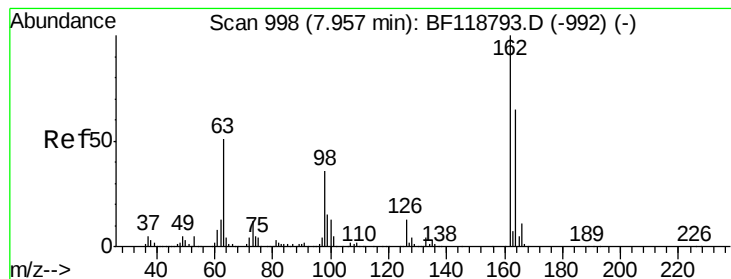
mohammad
2/6/2020 2:17:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.364 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.9	27.0		40.4	
123	13.1	10.6		15.8	





#29

2,4-Dichlorophenol

Concen: 51.383 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

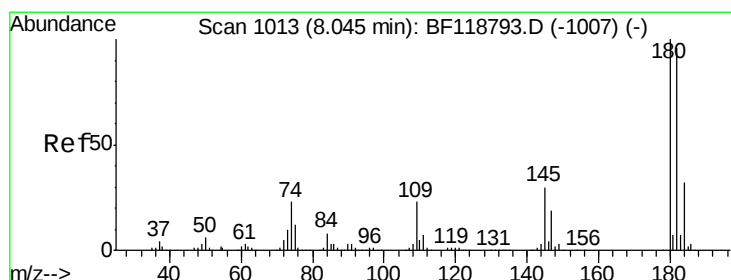
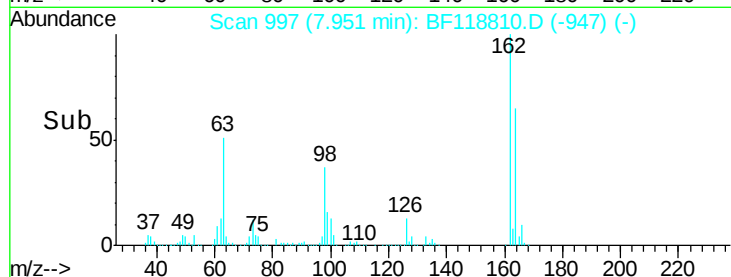
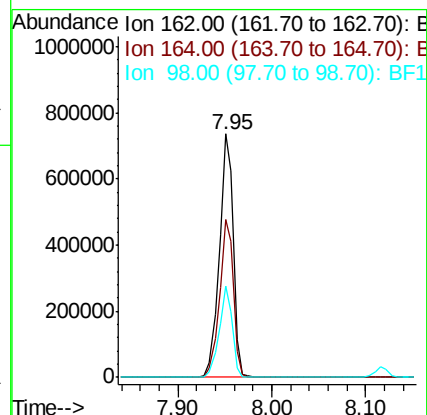
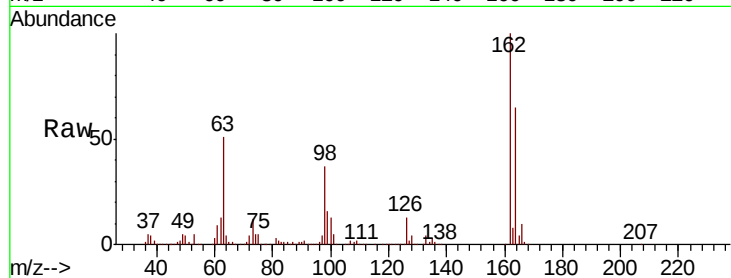
ClientSampled :

BW-2MS

Tot Ion:	162	Resp:	764558
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.8	84.8
98	37.3	16.4	56.4

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 42.937 ng

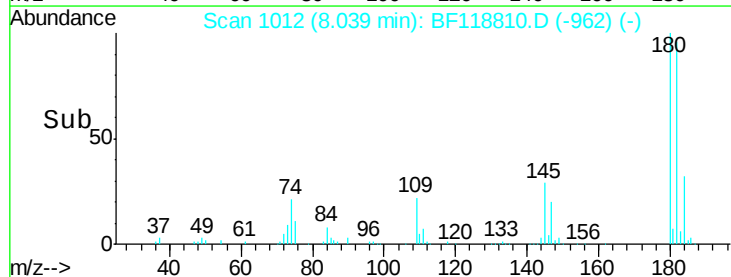
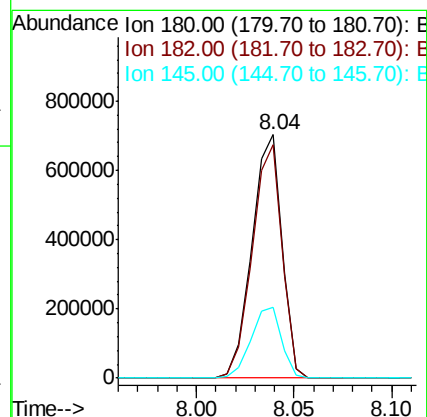
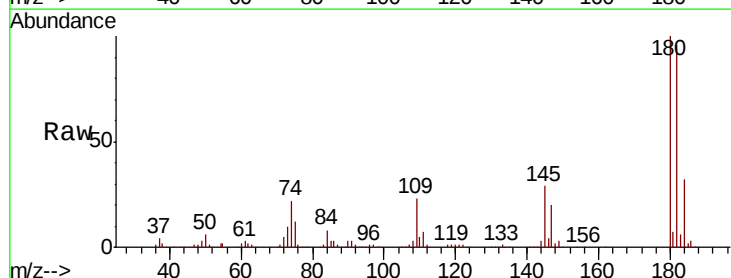
RT: 8.04 min Scan# 1012

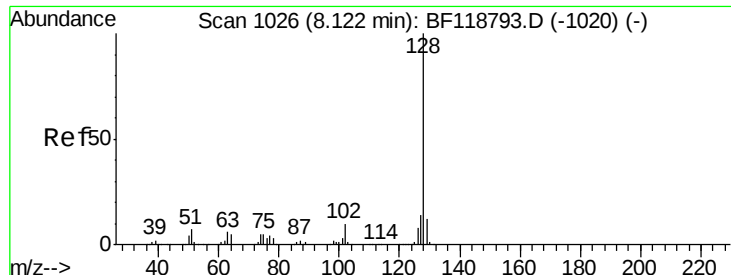
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	180	Resp:	746751
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.6	115.0
145	29.0	24.0	36.0





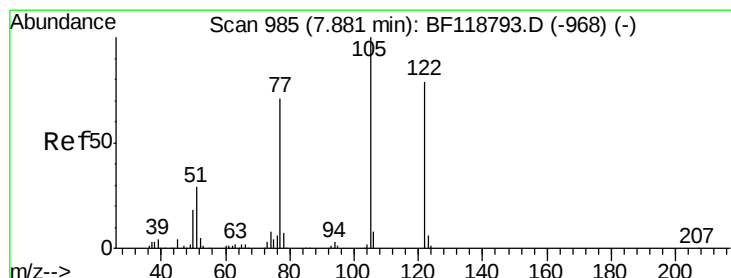
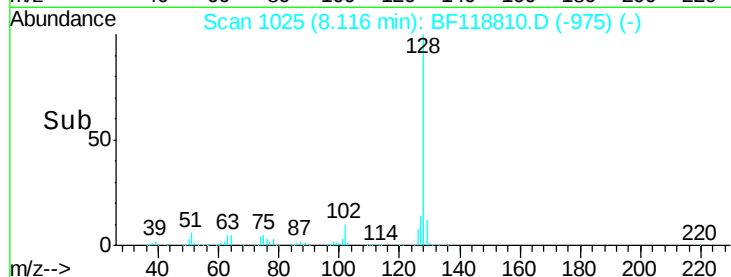
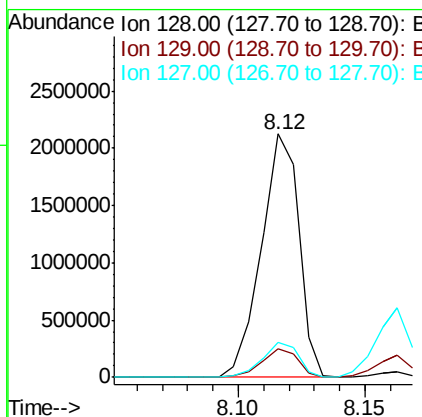
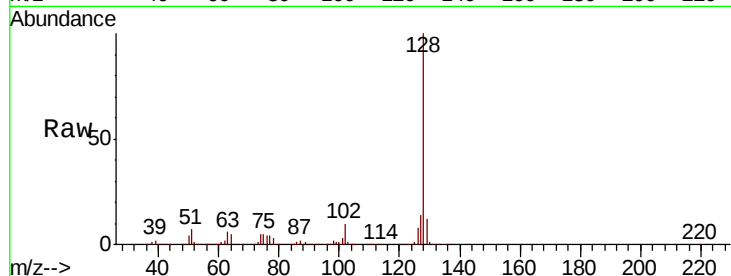
#31
Naphthalene
Concen: 46.670 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	14.2	11.3	16.9

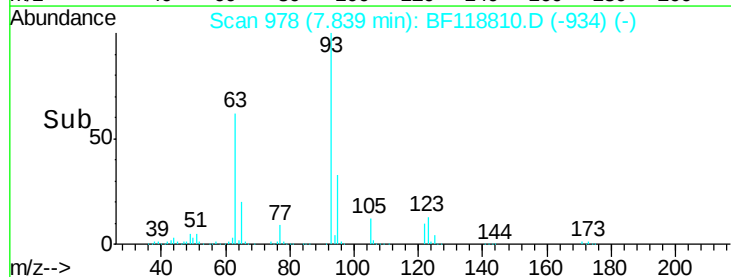
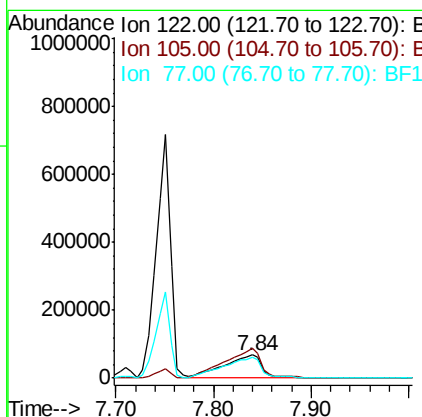
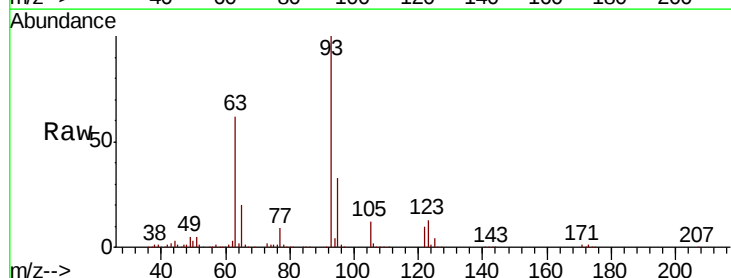
Manual Integrations
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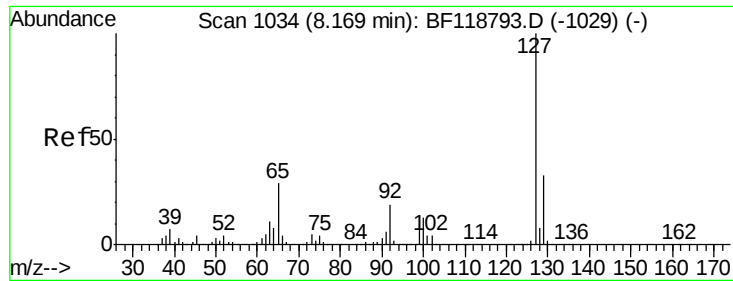
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#32
Benzoic acid
Concen: 18.176 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.04 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	104.4	144.4
77	90.2	69.3	109.3





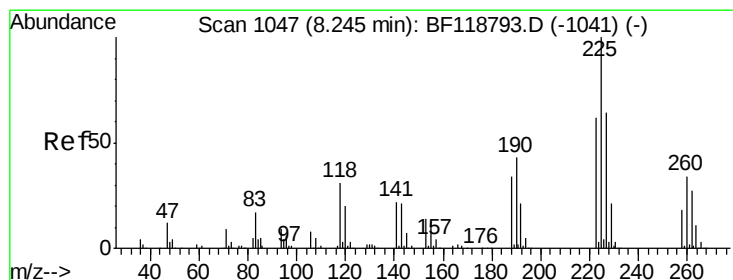
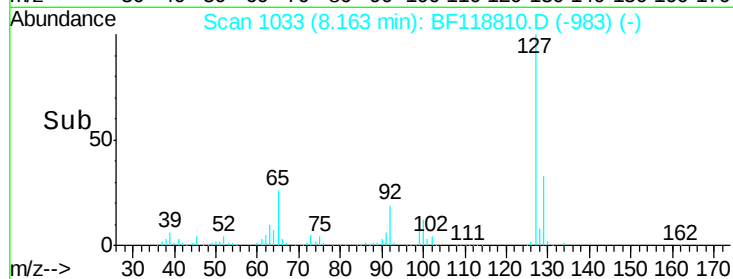
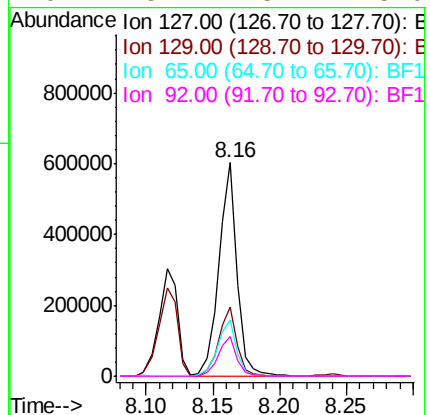
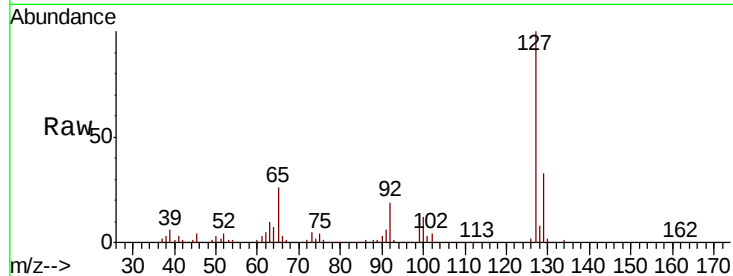
#33
4-Chloroaniline
Concen: 27.610 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.7	40.1	
65	26.4	22.9	34.3	
92	18.7	15.4	23.0	

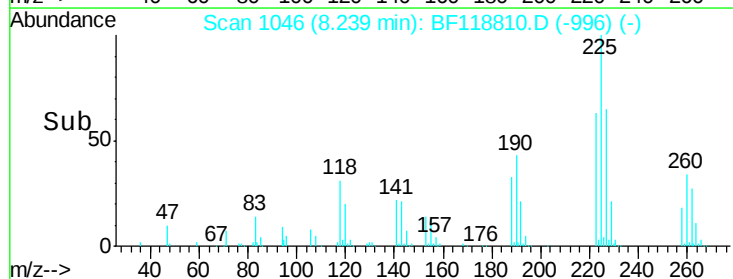
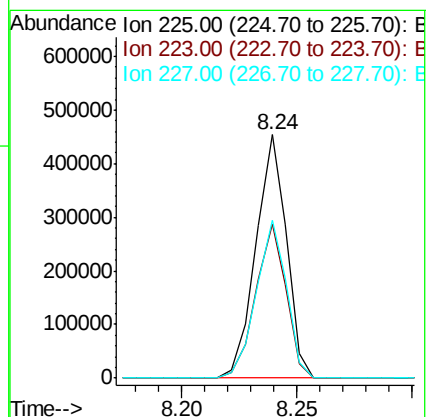
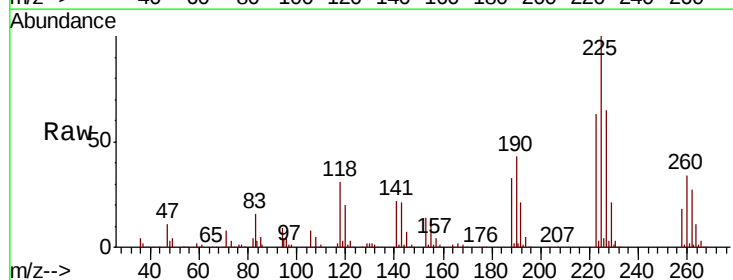
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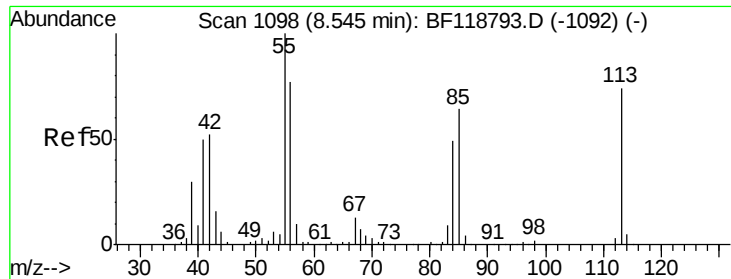
mohammad
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#34
Hexachlorobutadiene
Concen: 39.518 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.8	74.8	
227	64.6	51.0	76.4	





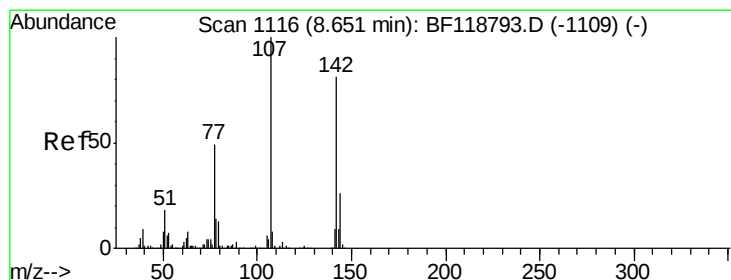
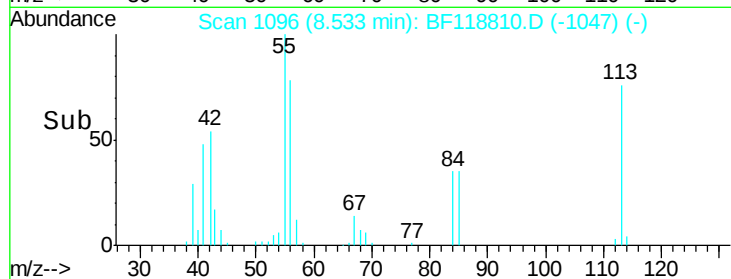
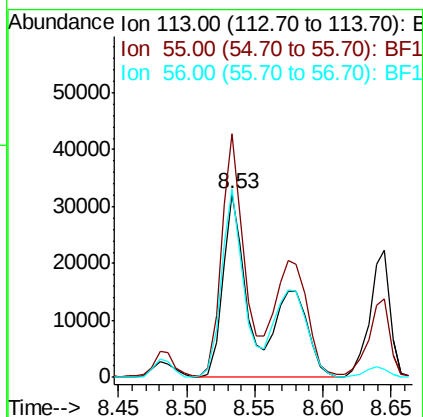
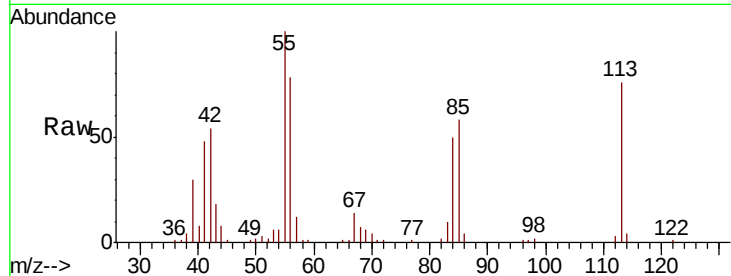
#35
Caprolactam
Concen: 12.681 ng/ml
RT: 8.53 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.3	115.5	155.5
56	102.7	83.7	123.7

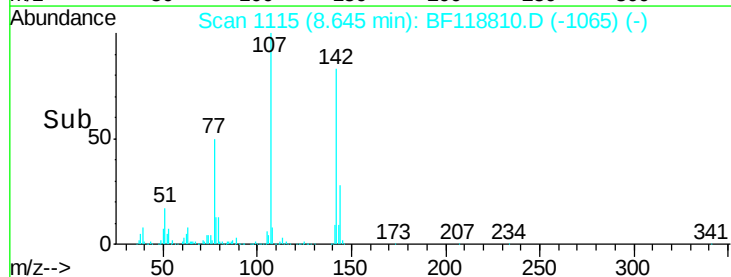
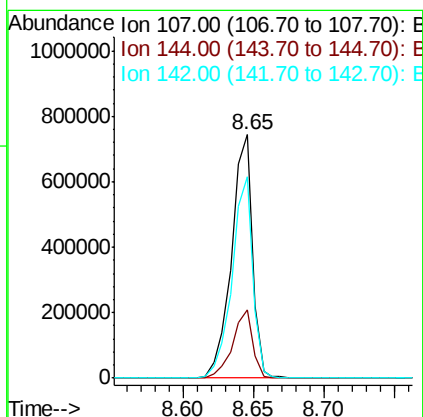
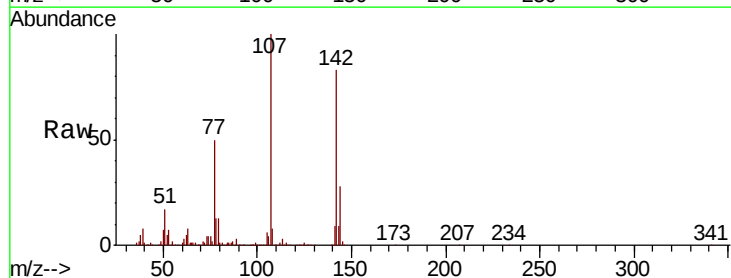
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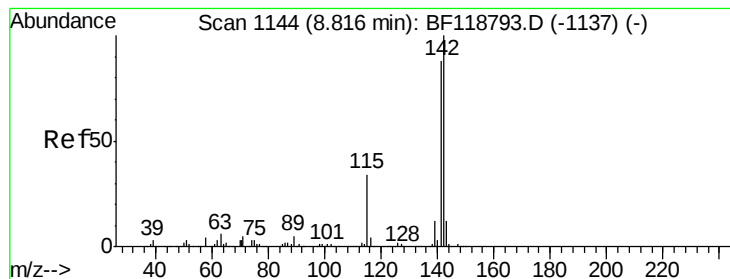
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.412 ng/ml
RT: 8.65 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	21.0	31.6
142	82.7	64.8	97.2





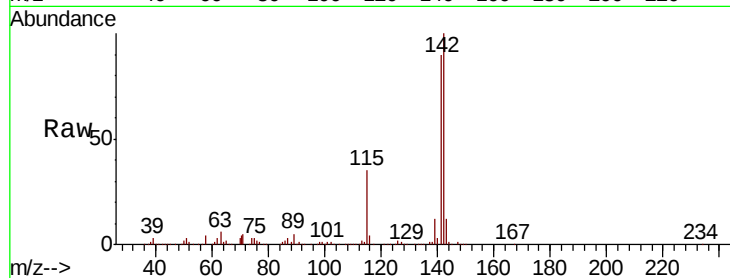
#37
2-Methylnaphthalene
Concen: 48.695 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.1	105.1
115	35.1	27.3	40.9

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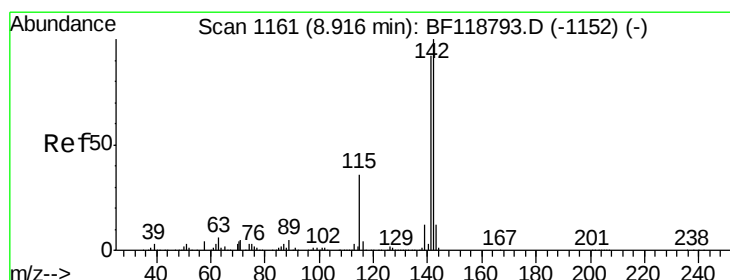
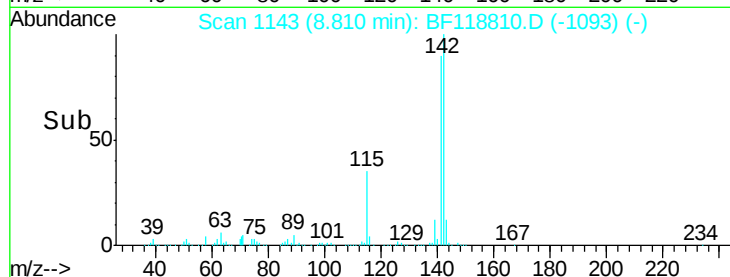
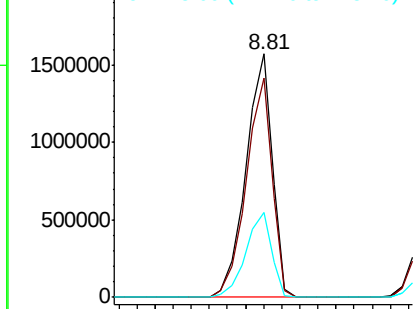


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.009 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

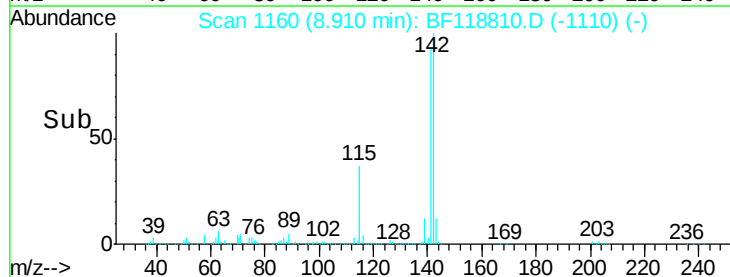
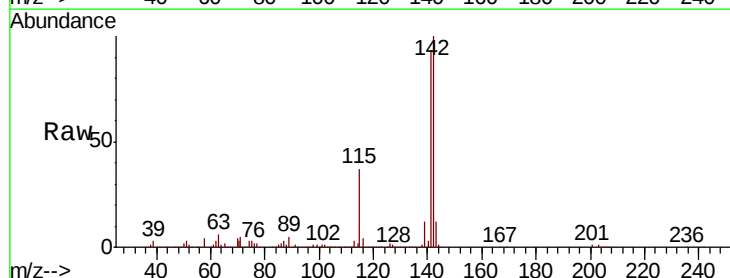
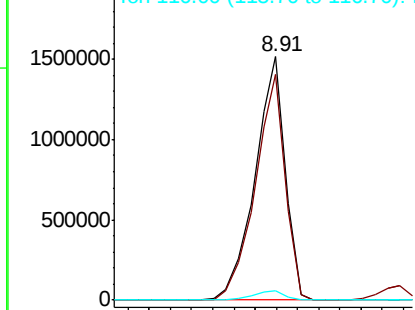
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6
116	3.9	3.0	4.4

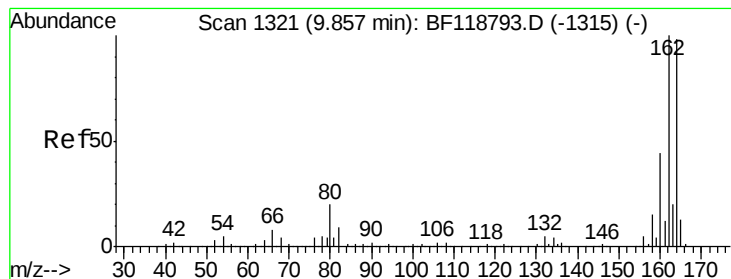
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

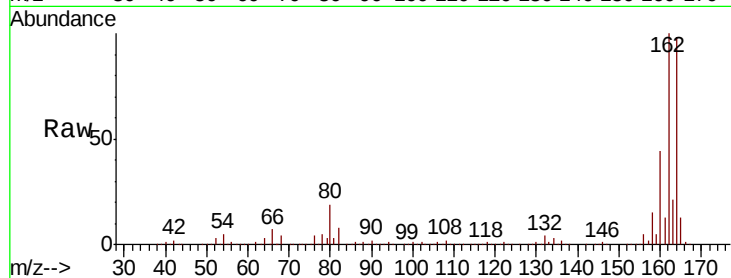
ClientSampleId :

BW-2MS

Tot Ion:	164	Resp:	587118
Ion Ratio	Lower	Upper	
164	100		
162	101.6	81.4	122.2
160	44.9	35.6	53.4

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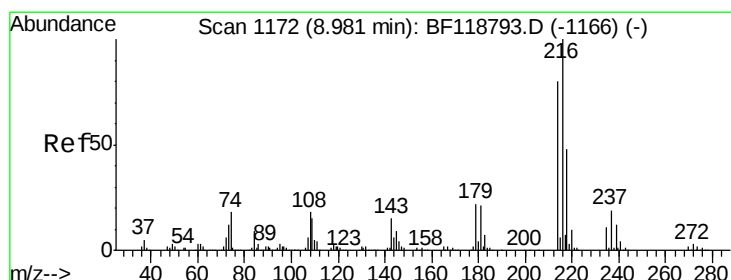
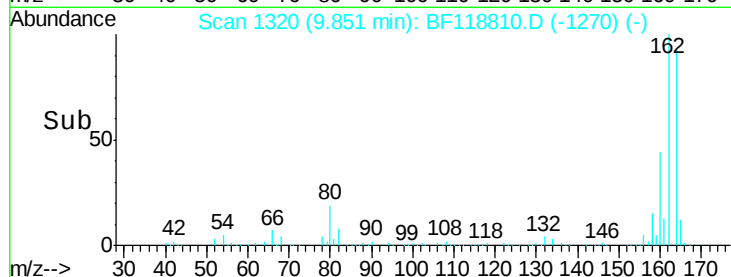
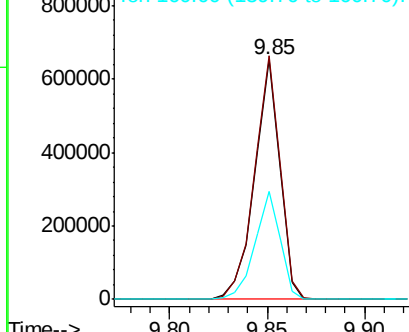


Abundance

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: 44.135 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	216	Resp:	782055
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.0	94.4
179	21.2	17.0	25.6
108	18.4	13.5	20.3

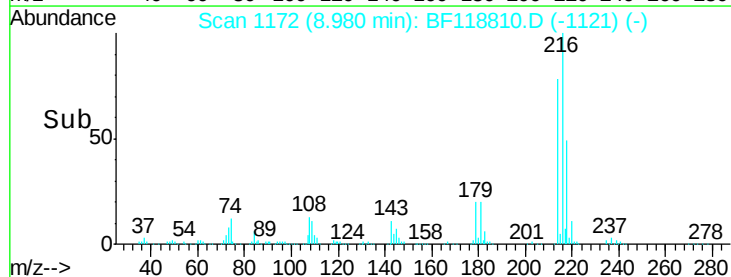
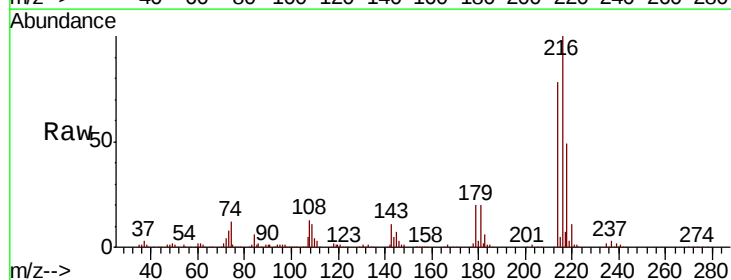
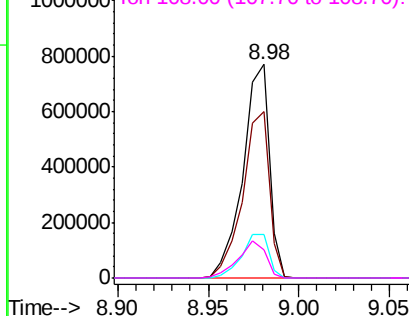
Abundance

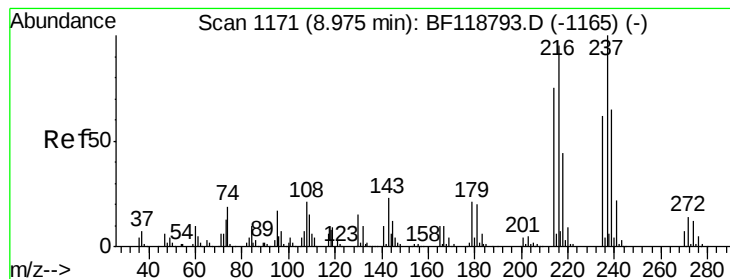
Ion 216.00 (215.70 to 216.70): E

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: 107.718 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

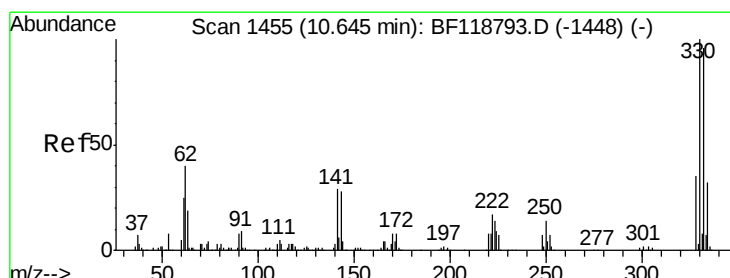
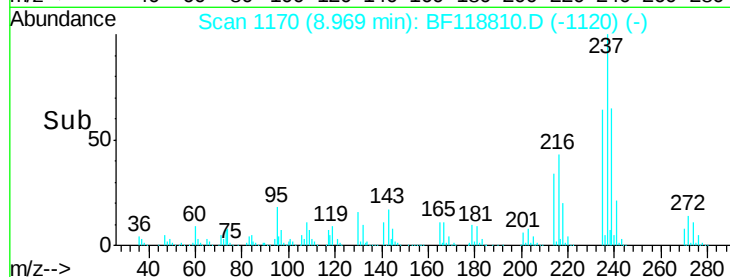
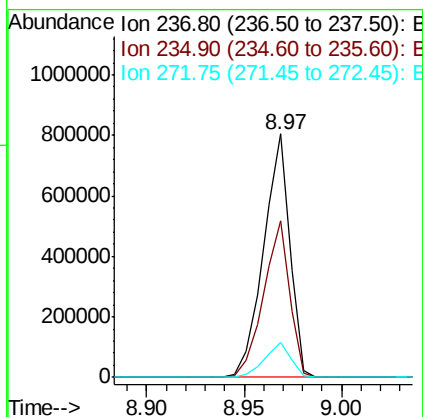
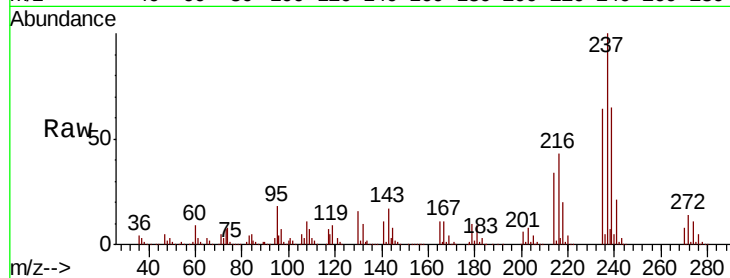
ClientSampleId :

BW-2MS

Tot Ion:	237	Resp:	748441
Ion Ratio	Lower	Upper	
237	100		
235	64.3	42.1	82.1
272	14.4	0.0	34.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 101.373 ng

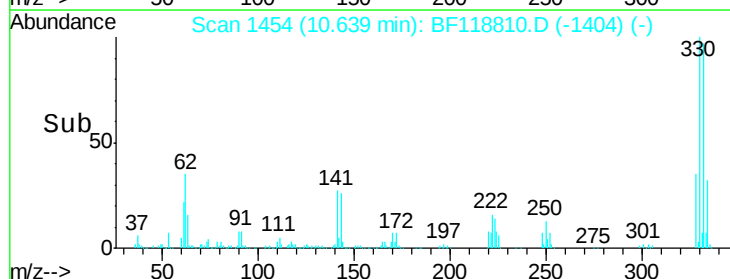
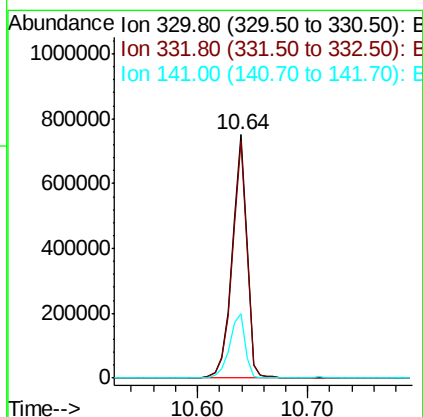
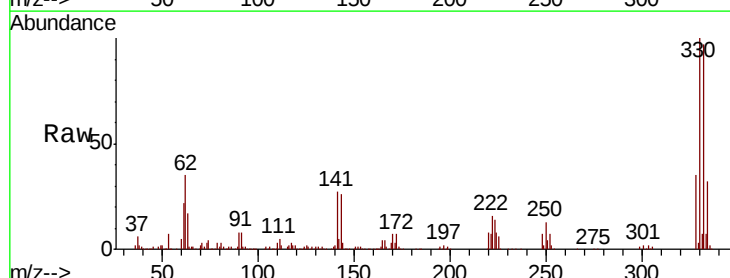
RT: 10.64 min Scan# 1454

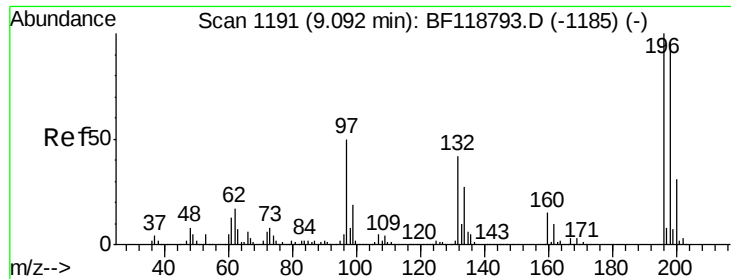
Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	330	Resp:	712149
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.3	115.9
141	28.1	22.4	33.6





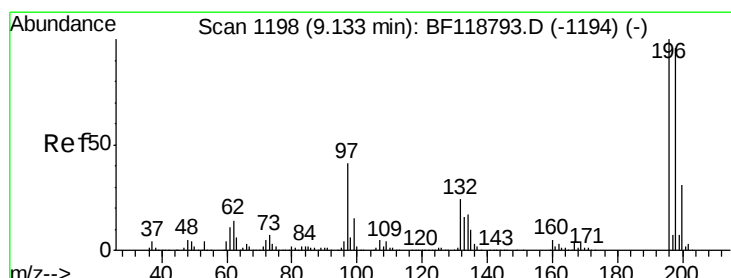
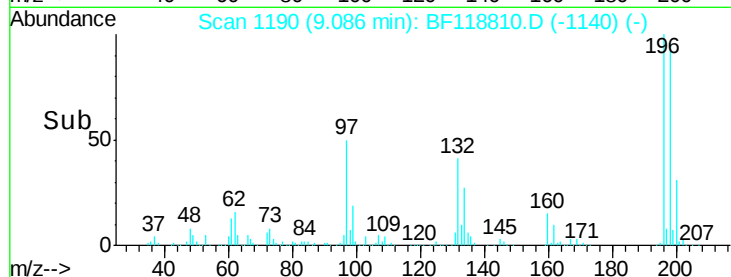
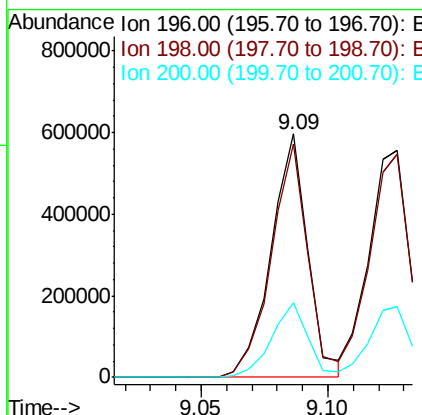
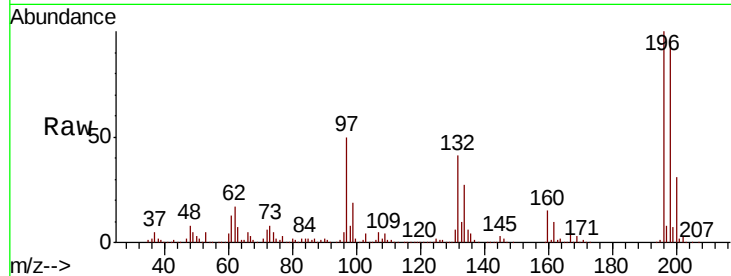
#43
2,4,6-Trichlorophenol
Concen: 51.154 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampled :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	606142		
198	95.9	76.7	115.1	
200	30.8	24.9	37.3	

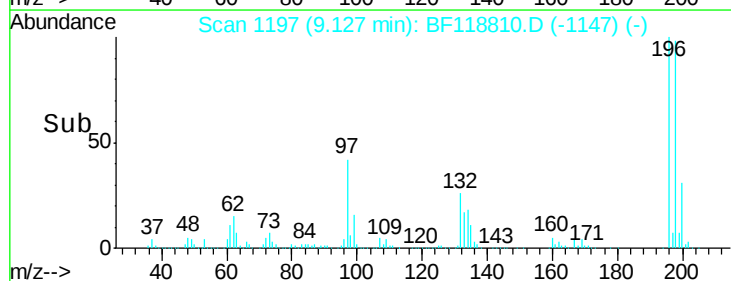
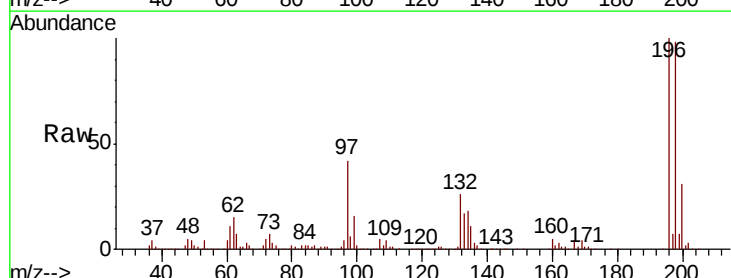
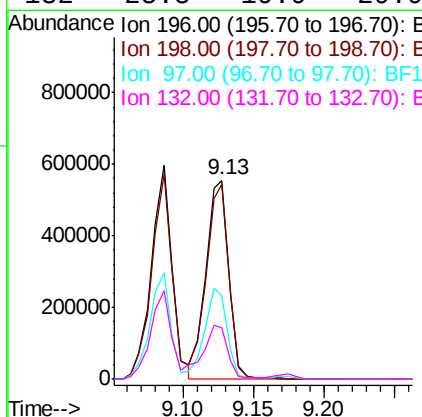
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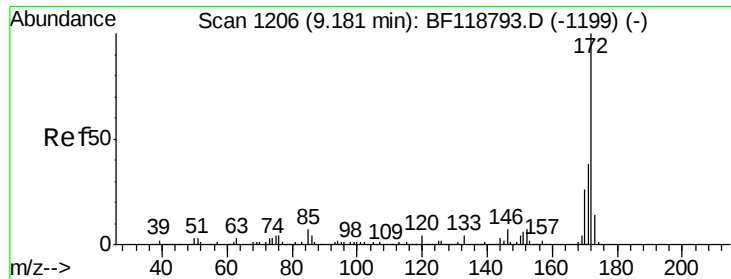
mohammad
2/6/2020 2:17:14 PM



#44
2,4,5-Trichlorophenol
Concen: 51.331 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	621471		
198	98.1	77.0	115.4	
97	41.8	32.9	49.3	
132	25.5	19.9	29.9	





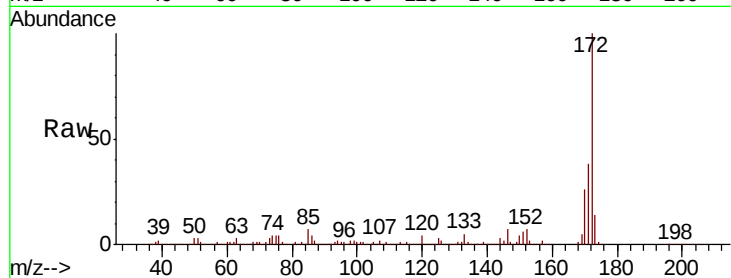
#45
2-Fluorobiphenyl
Concen: 96.552 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.8	46.2
170	25.9	20.5	30.7

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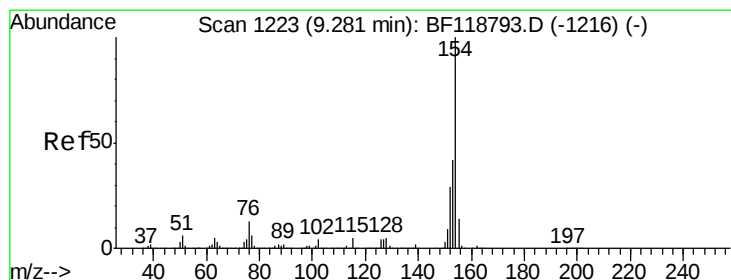
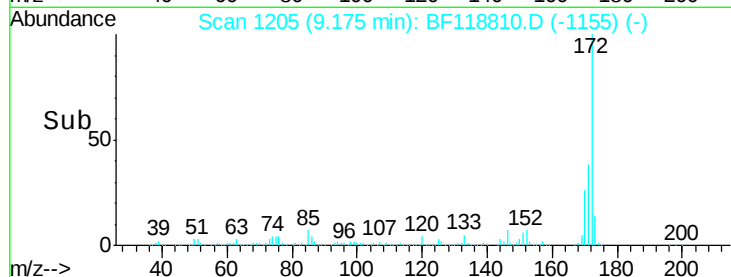
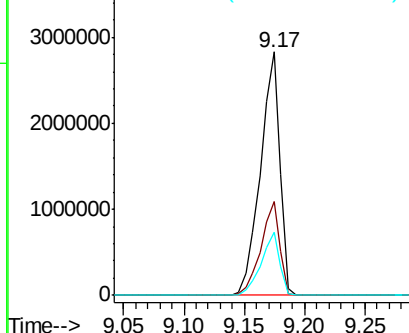


Abundance

Ion 172.00 (171.70 to 172.70): E

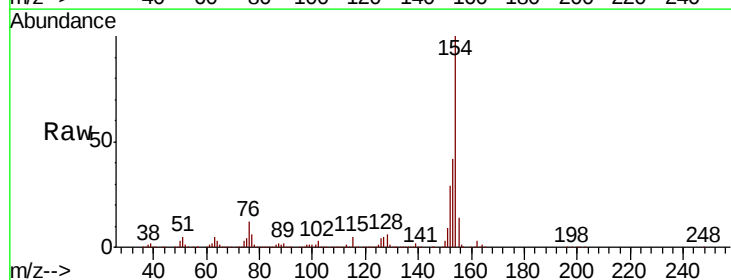
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.393 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.4	62.4
76	12.1	0.0	32.7

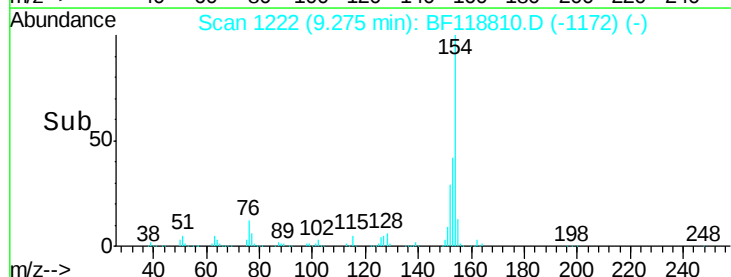
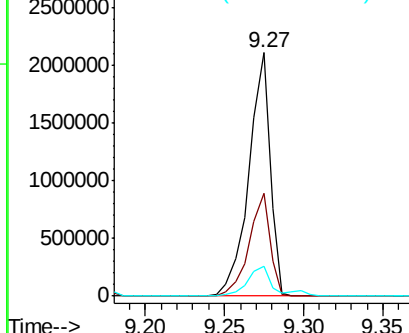


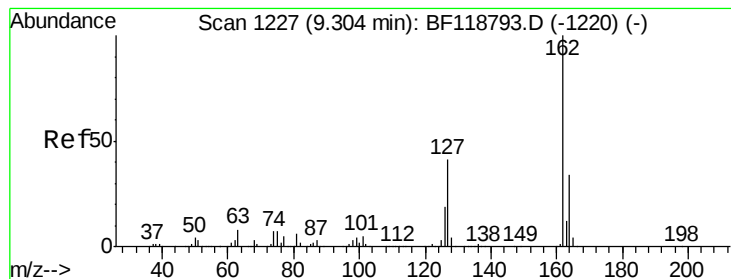
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





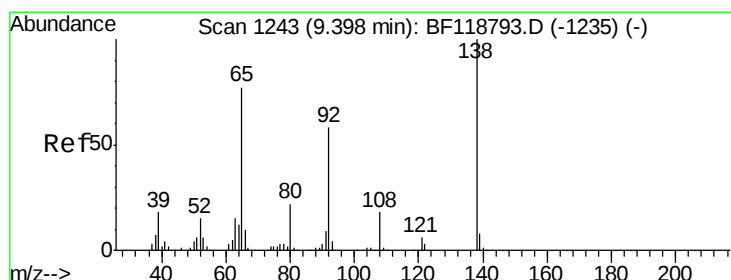
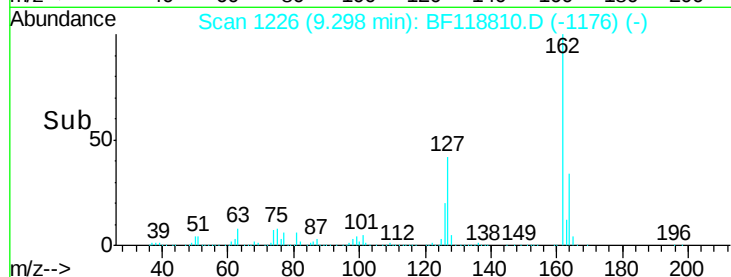
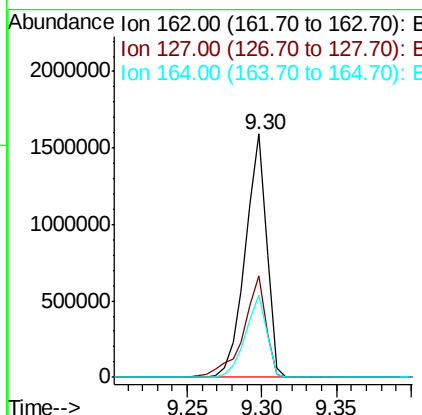
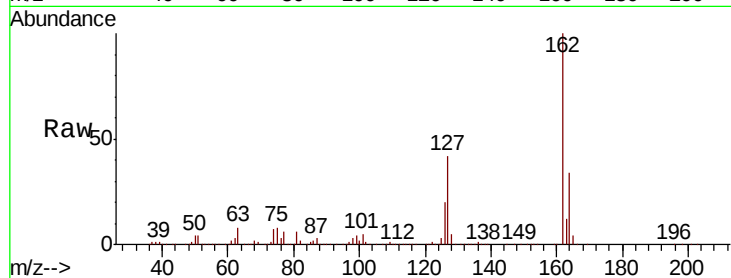
#47
 2-Chloronaphthalene
 Concen: 46.538 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.3	49.9
164	33.7	27.1	40.7

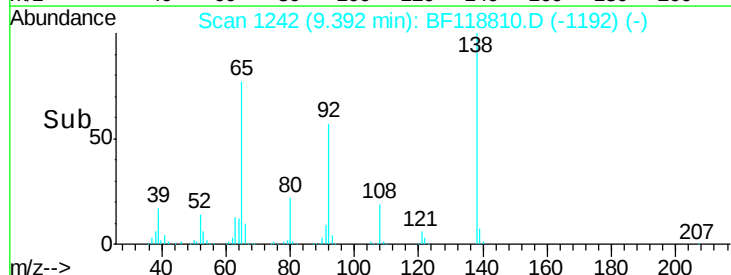
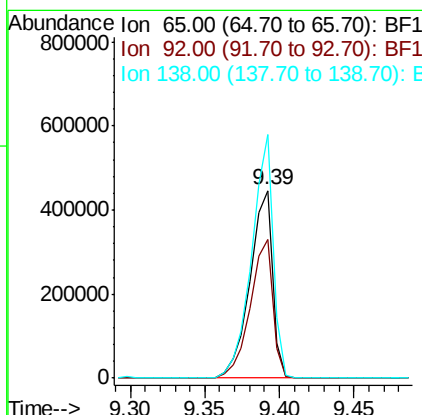
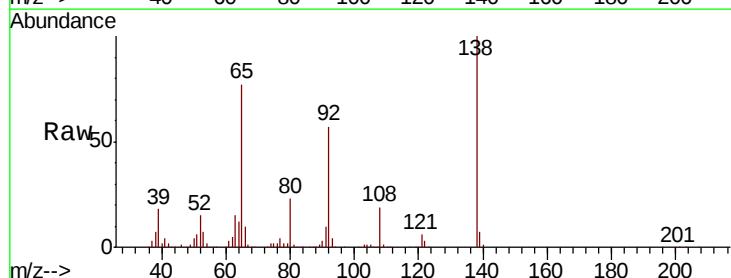
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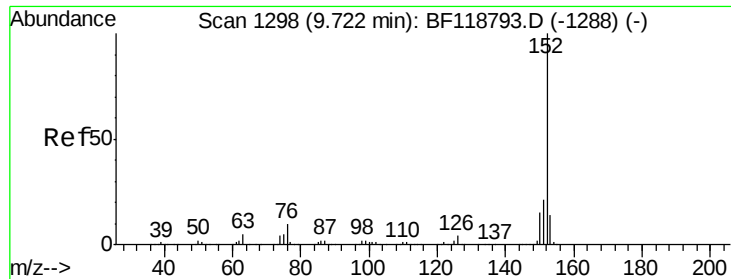
mohammad
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#48
 2-Nitroaniline
 Concen: 47.919 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.2	60.6	91.0
138	130.0	104.6	156.8





#49

Acenaphthylene

Concen: 50.099 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

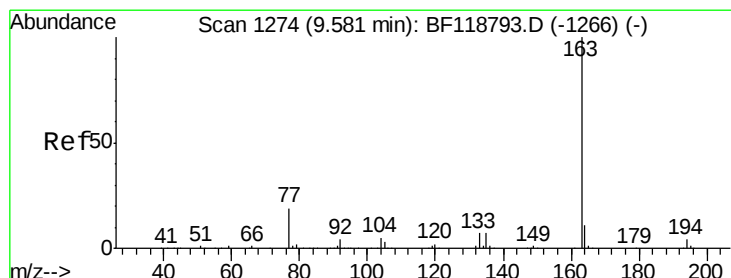
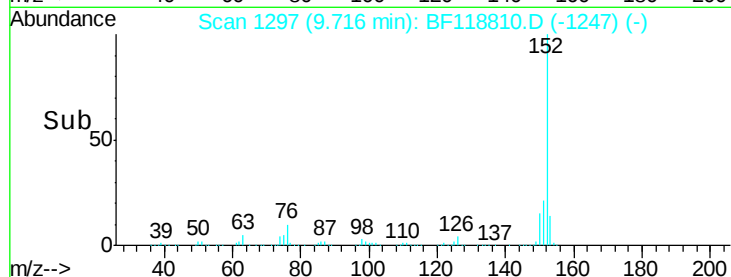
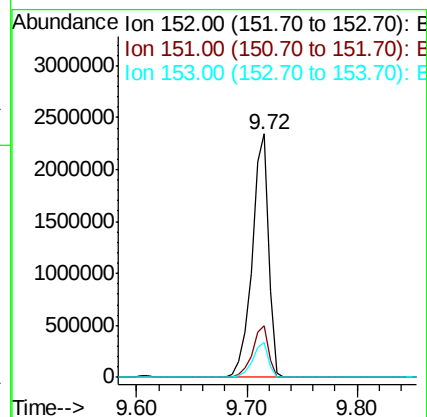
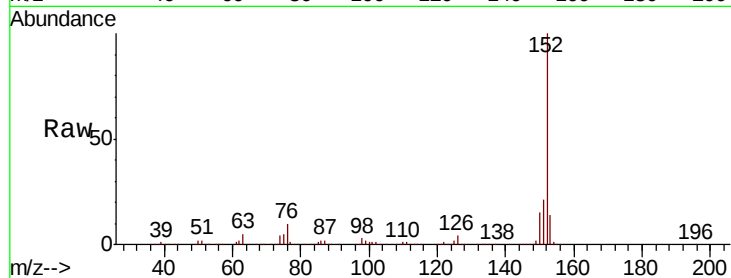
ClientSampleId :

BW-2MS

Tot Ion:	152	Resp:	2442345
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: 54.583 ng

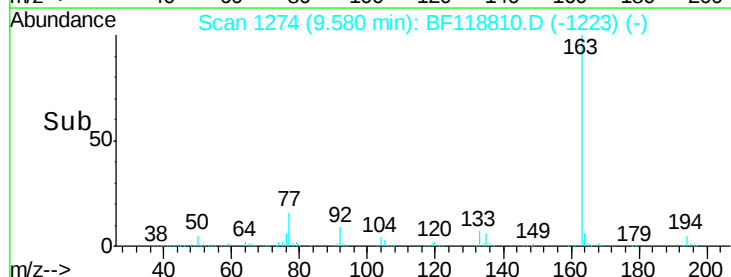
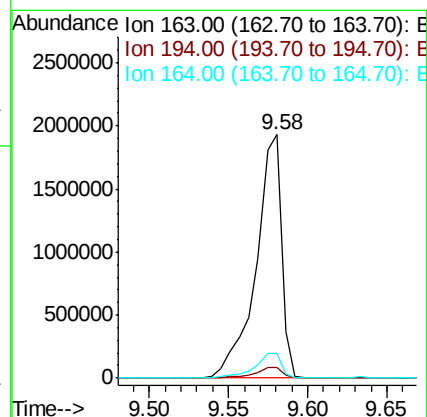
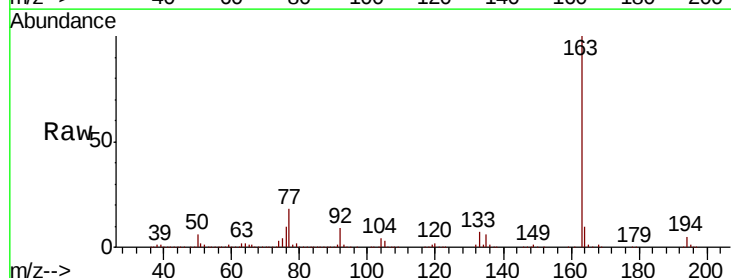
RT: 9.58 min Scan# 1274

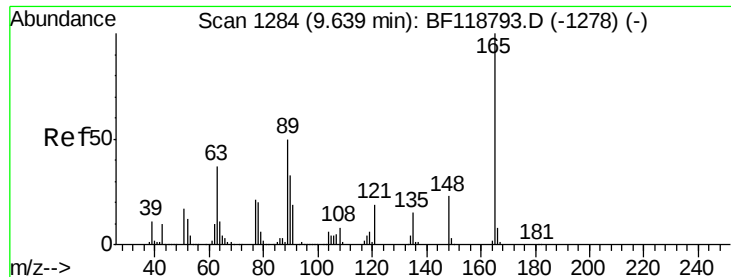
Delta R.T. -0.00 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Tgt Ion:	163	Resp:	2182092
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.2	8.7	13.1





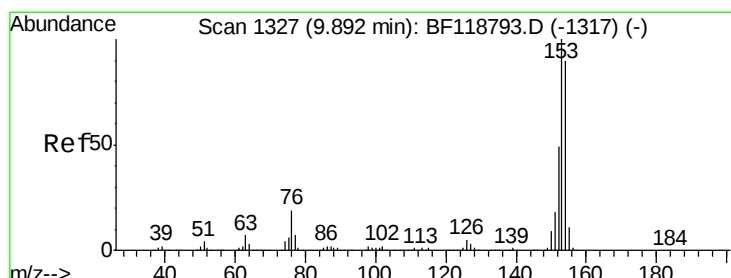
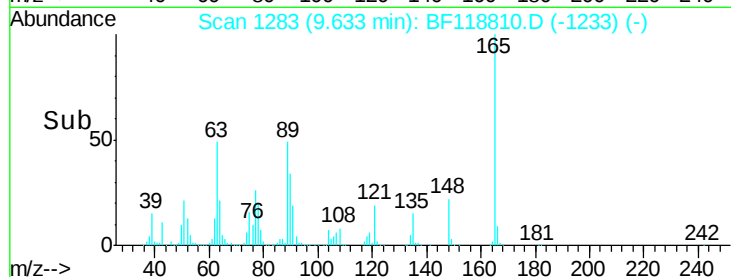
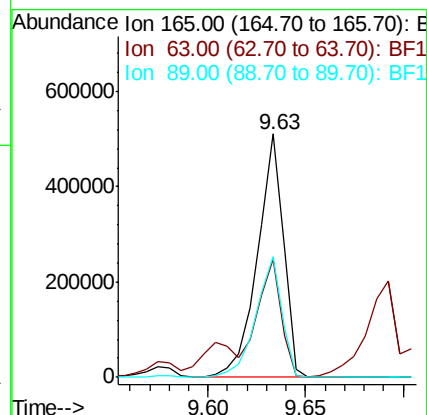
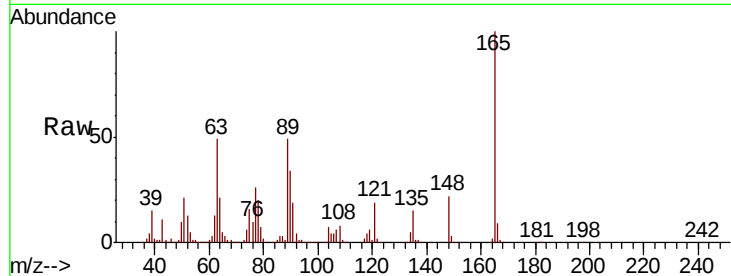
#51
2,6-Dinitrotoluene
Concen: 51.886 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	474608		
63	48.8		37.4	56.0
89	49.5		39.7	59.5

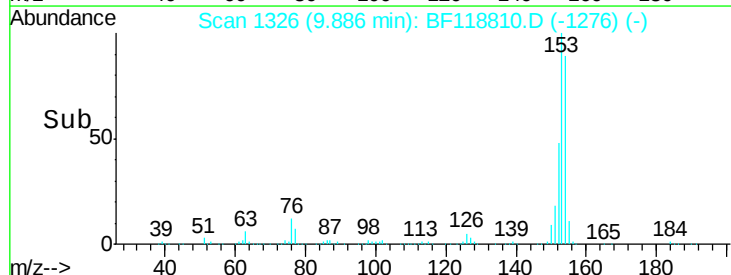
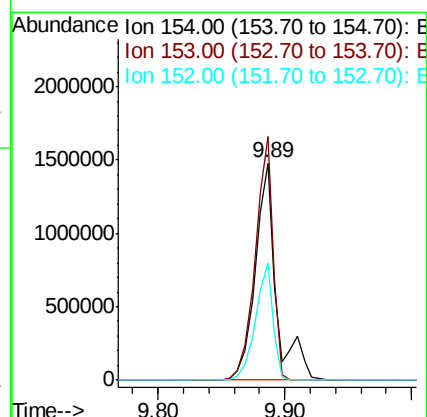
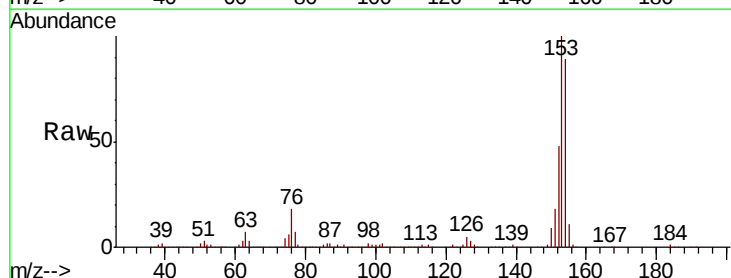
Manual Integrations
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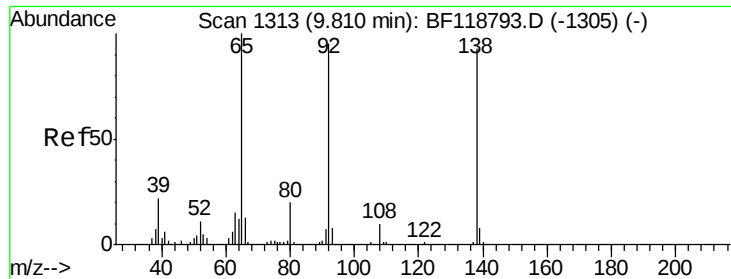
mohammad
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#52
Acenaphthene
Concen: 53.695 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1724917		
153	112.2		89.4	134.0
152	54.1		43.6	65.4





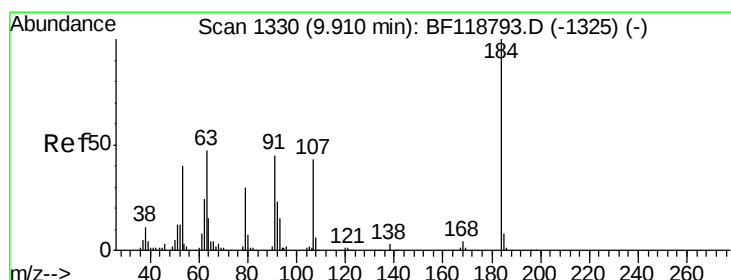
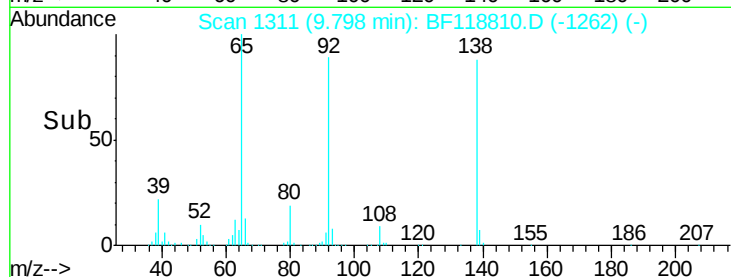
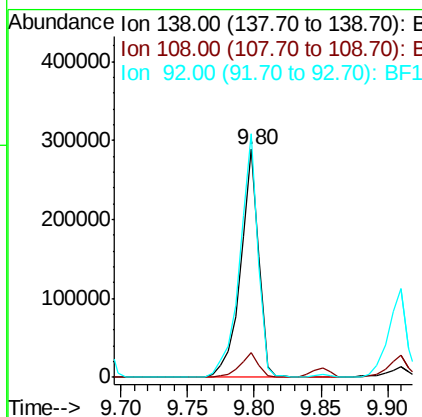
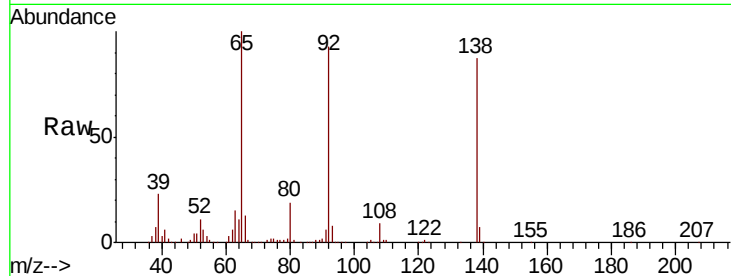
#53
3-Nitroaniline
Concen: 26.893 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	272821		
108	10.8	8.5	12.7	
92	106.9	82.2	123.4	

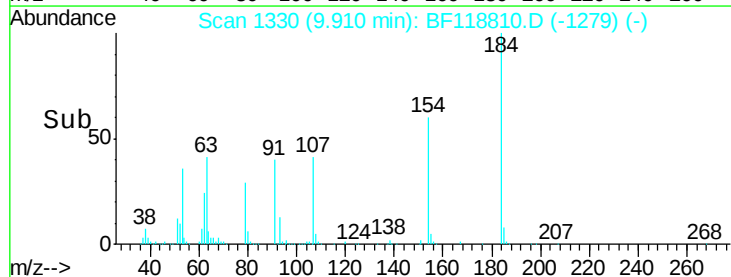
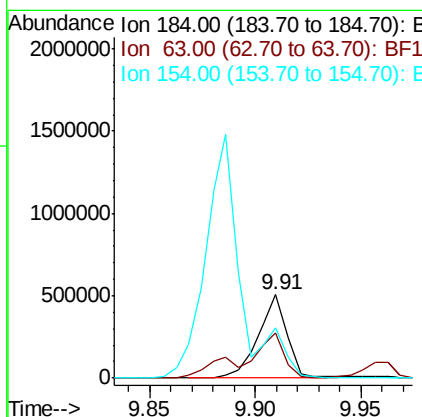
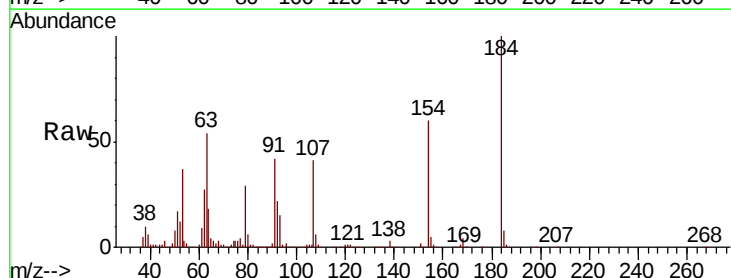
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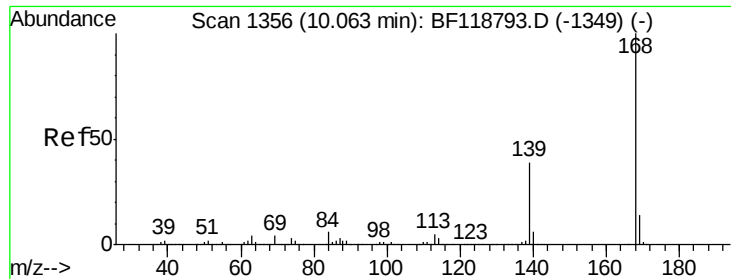
mohammad
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#54
2,4-Dinitrophenol
Concen: 109.408 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	481110		
63	54.0	47.5	71.3	
154	60.1	48.6	72.8	





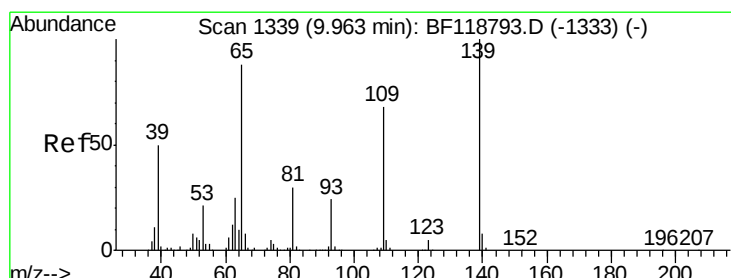
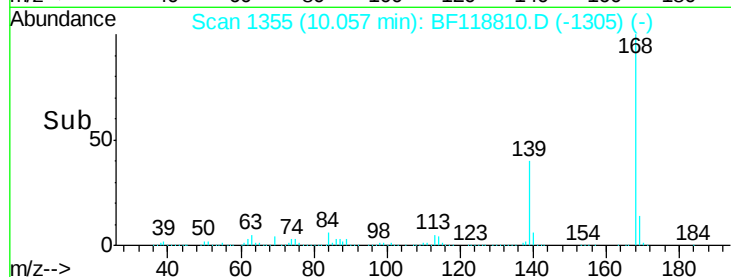
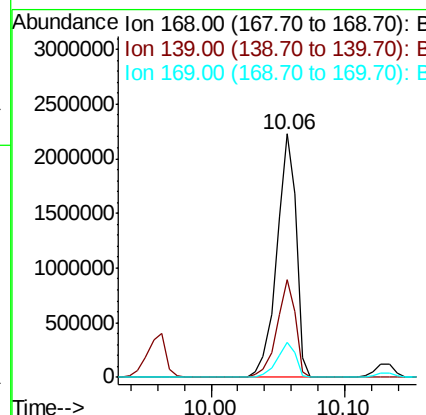
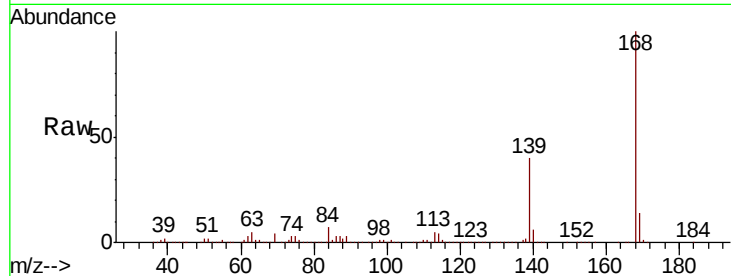
#55
Dibenzofuran
Concen: 48.601 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampled :
BW-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.6	47.4
169	14.2	11.4	17.2

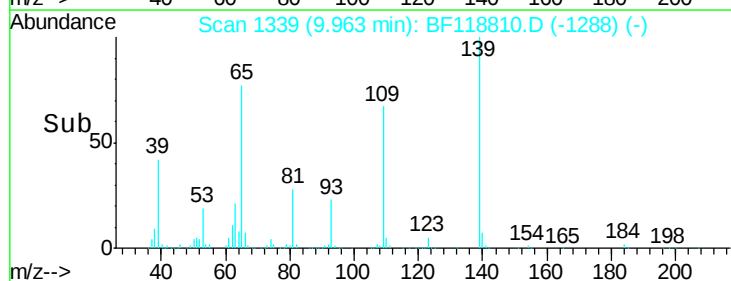
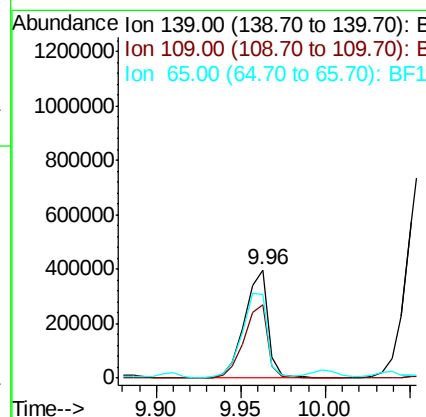
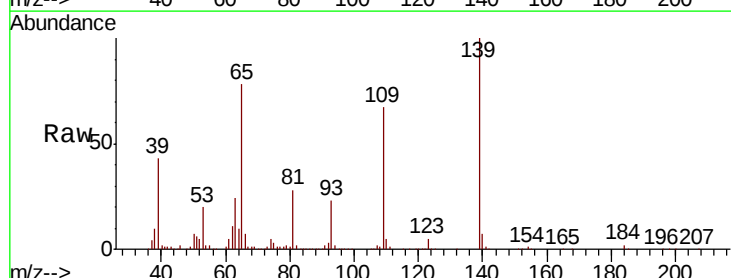
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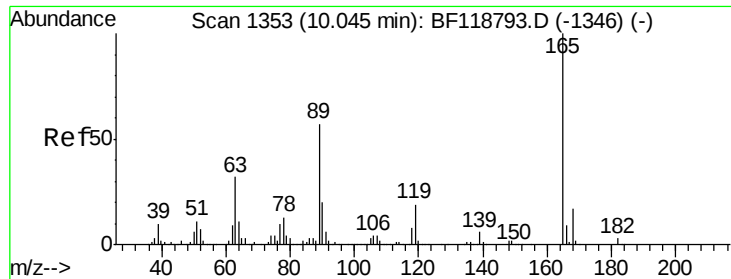
mohammad
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#56
4-Nitrophenol
Concen: 52.924 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	48.0	88.0
65	77.7	68.3	108.3





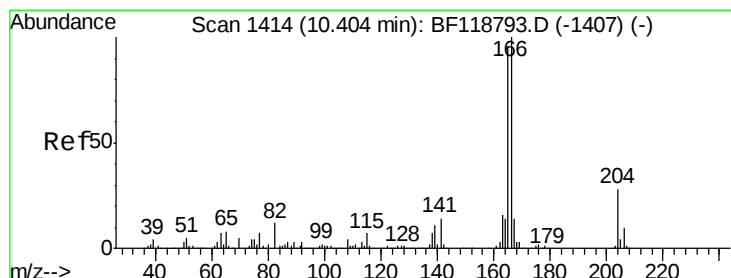
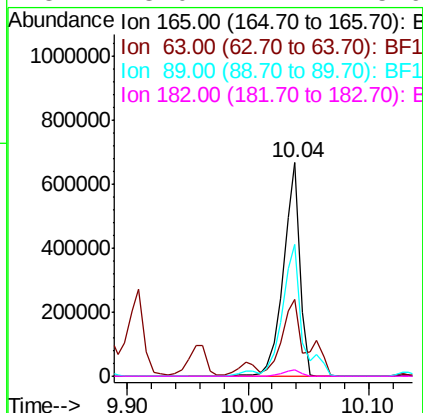
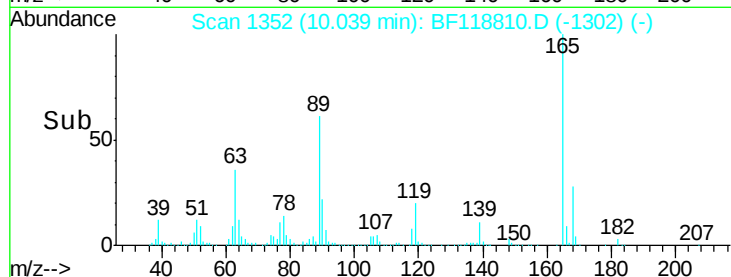
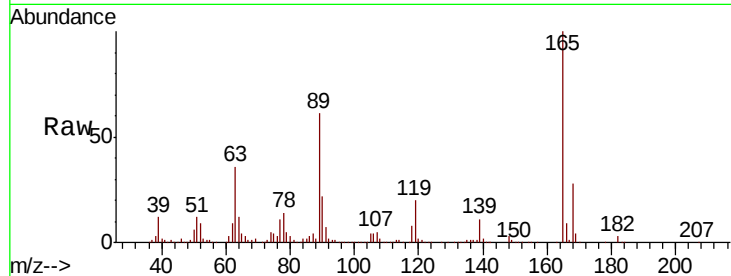
#57
 2,4-Dinitrotoluene
 Concen: 51.875 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		627959		
63	35.8	25.5	38.3		
89	61.5	45.4	68.0		
182	3.0	2.4	3.6		

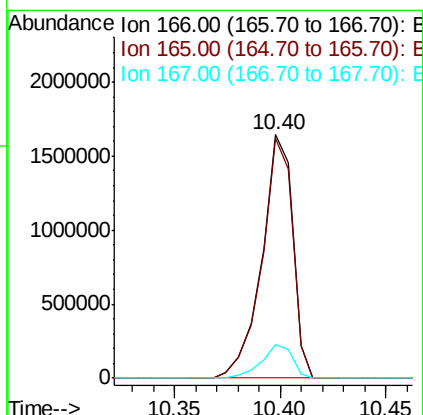
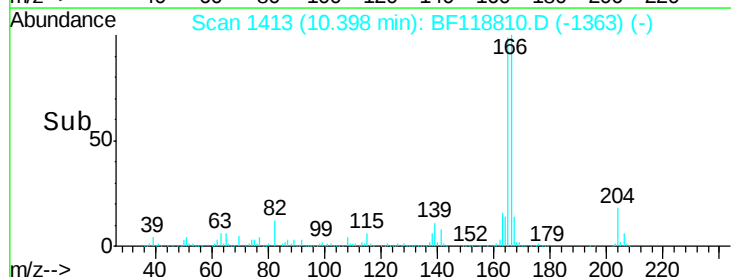
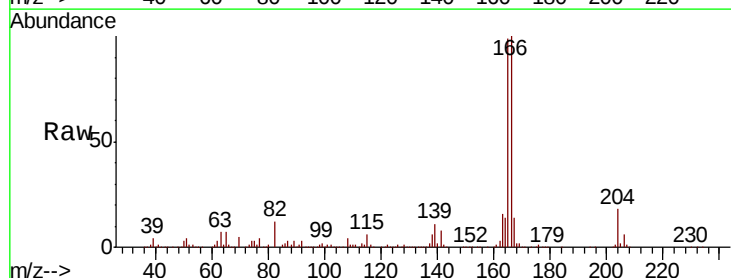
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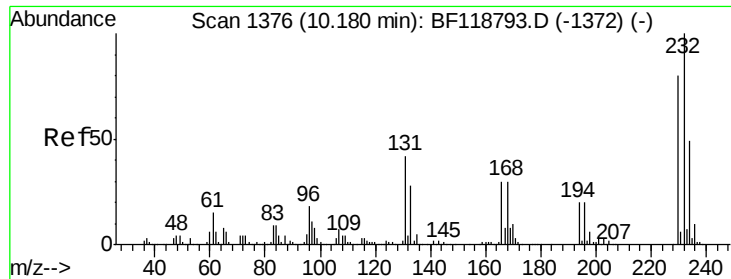
mohammad
 2/6/2020 2:17:14 PM



#58
 Fluorene
 Concen: 48.106 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1680167		
165	98.6	77.0	115.6		
167	14.0	11.1	16.7		





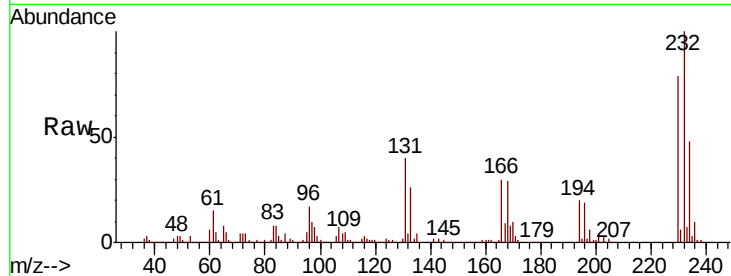
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.666 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampled :
BW-2MS

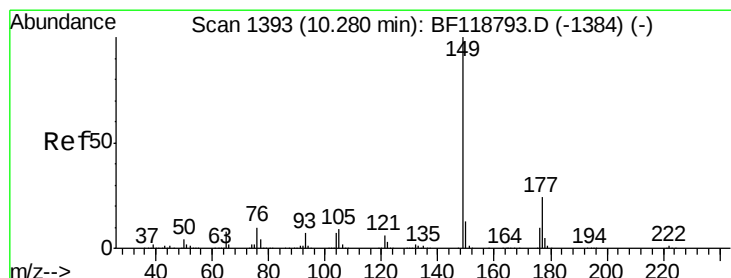
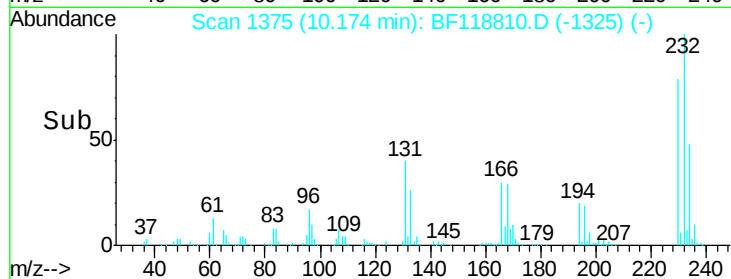
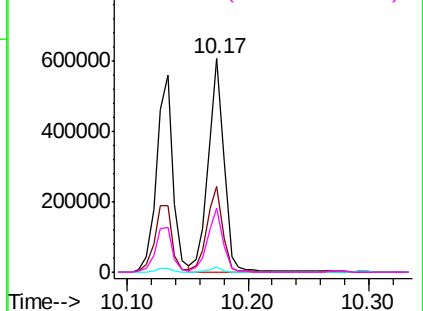
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.7	31.8	47.6
130	2.0	1.6	2.4
166	29.0	23.1	34.7

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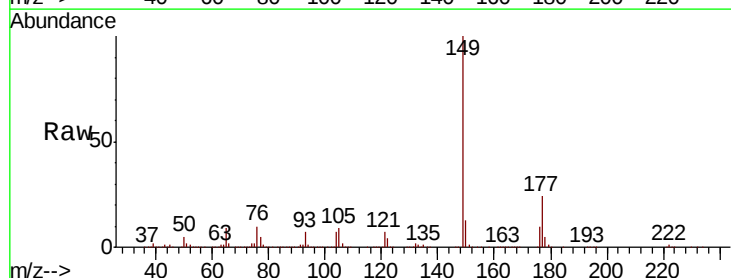


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

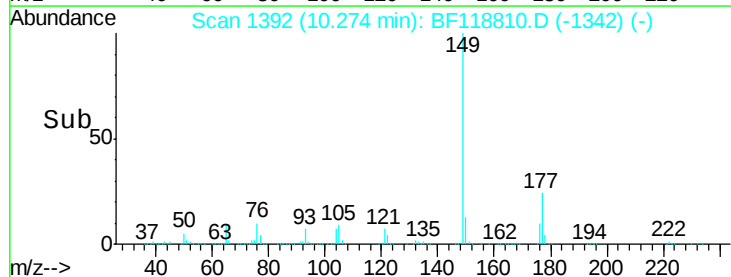
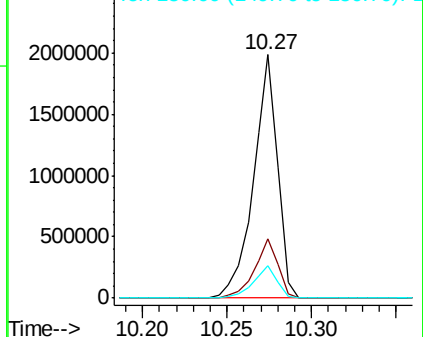


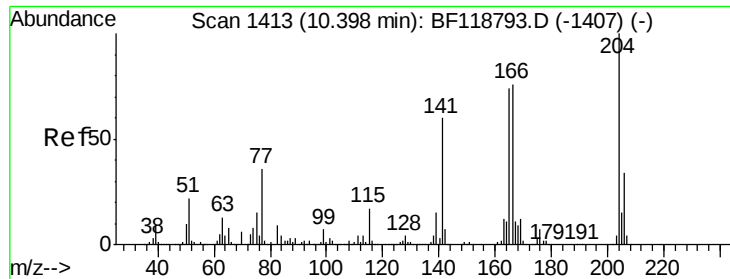
#60
Diethylphthalate
Concen: 50.642 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.3	28.9
150	13.2	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





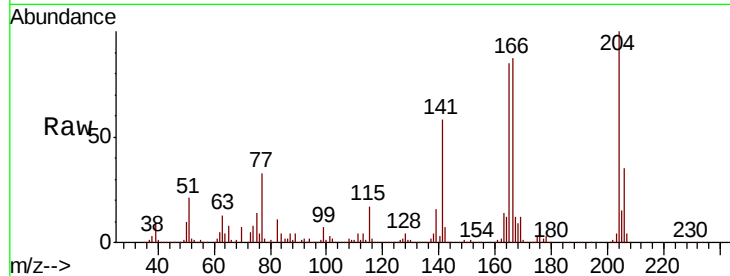
#61
4-Chlorophenyl-phenylether
Concen: 47.960 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

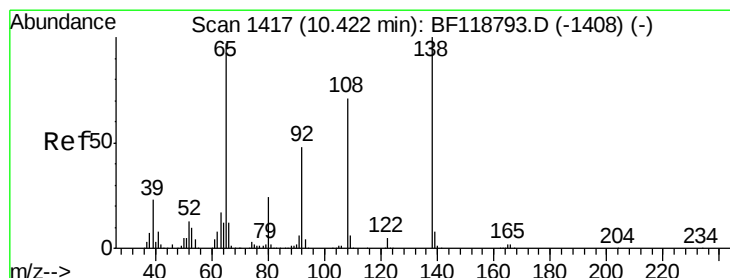
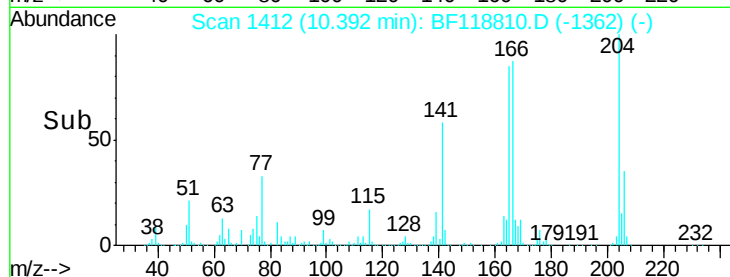
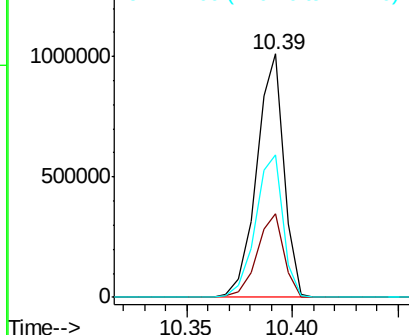
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.4	41.2
141	58.3	47.8	71.6

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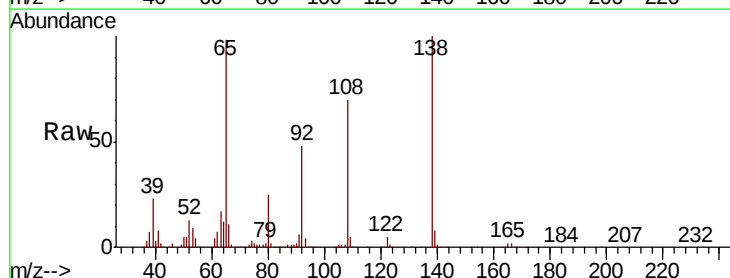


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

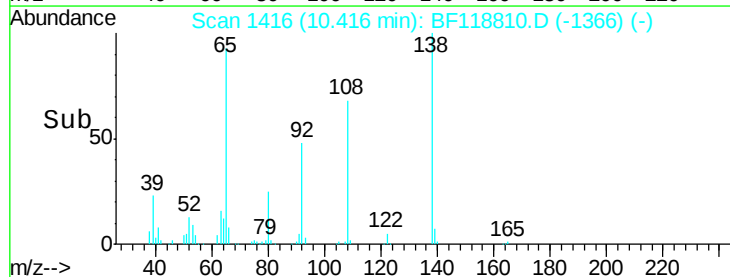
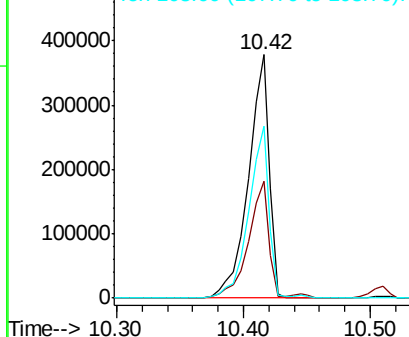


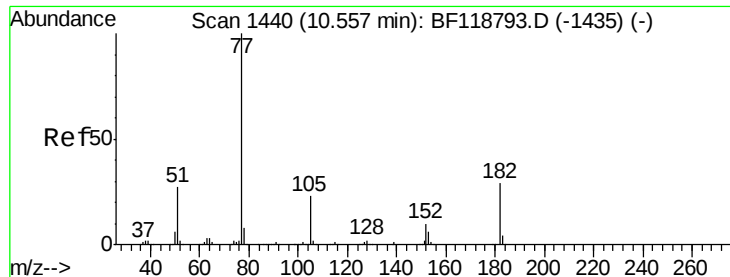
#62
4-Nitroaniline
Concen: 42.789 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	27.6	67.6
108	70.4	51.3	91.3



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





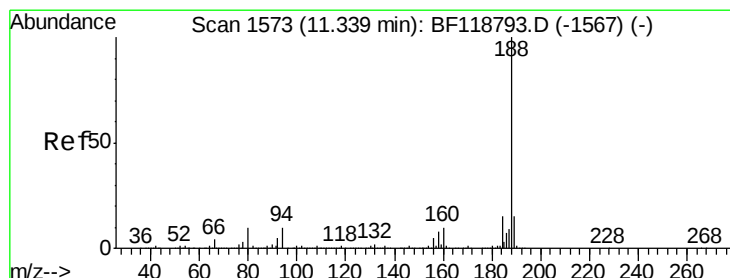
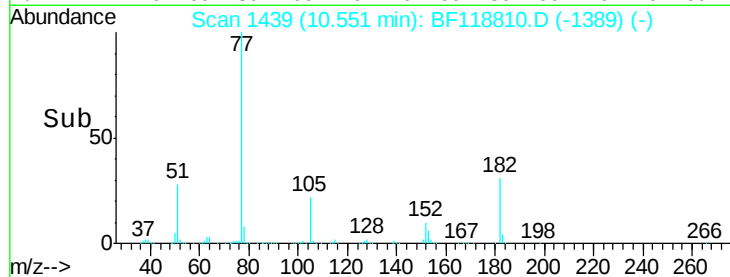
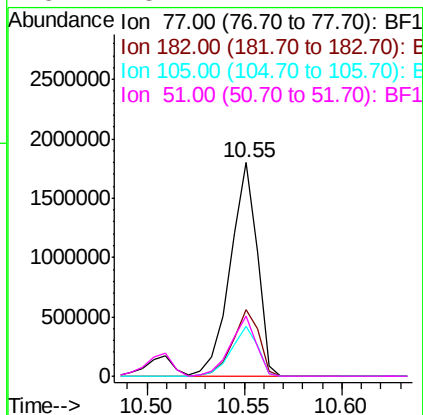
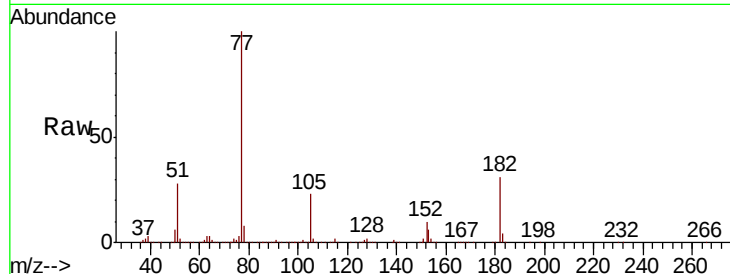
#63
Azobenzene
Concen: 51.444 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.9	9.2	49.2	
105	23.2	3.1	43.1	
51	28.1	7.4	47.4	

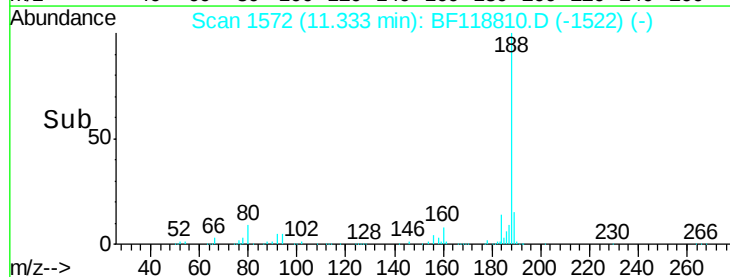
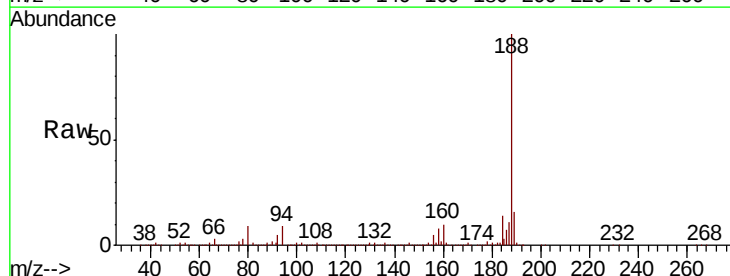
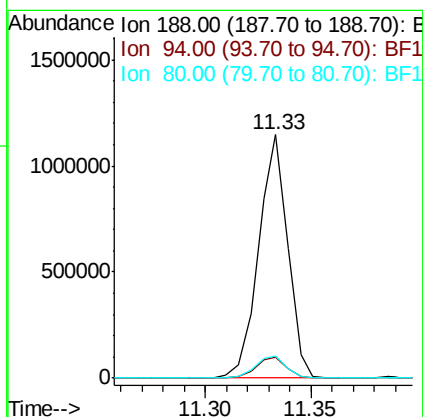
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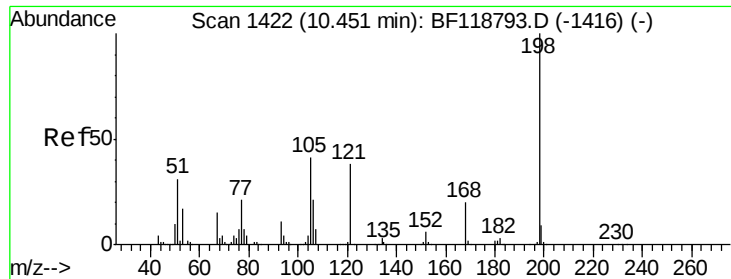
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.9	11.9	
80	9.1	8.4	12.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 59.305 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

ClientSampleId :

BW-2MS

Tot Ion:198 Resp: 364828

Ion Ratio Lower Upper

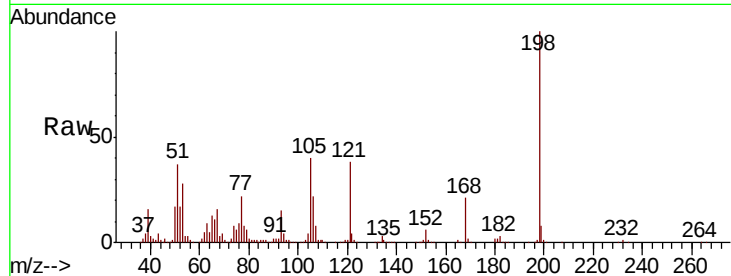
198 100

51 37.2 16.7 56.7

105 40.1 22.0 62.0

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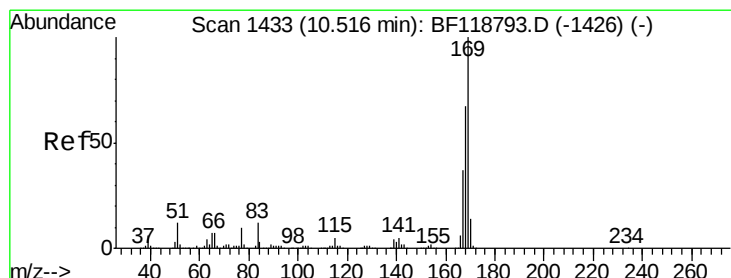
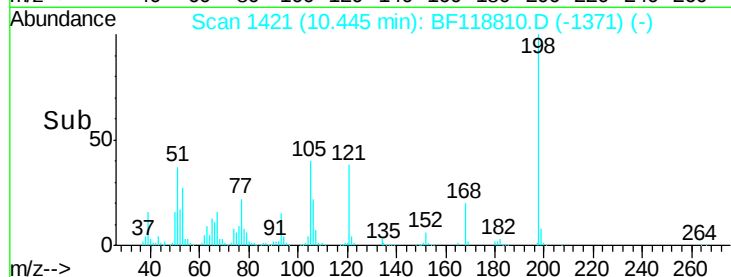
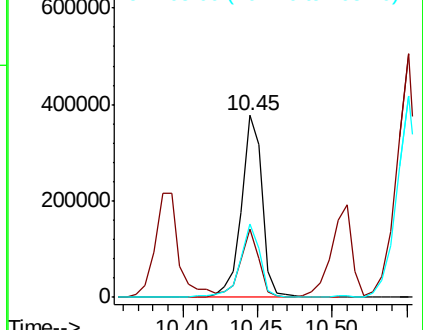
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.210 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

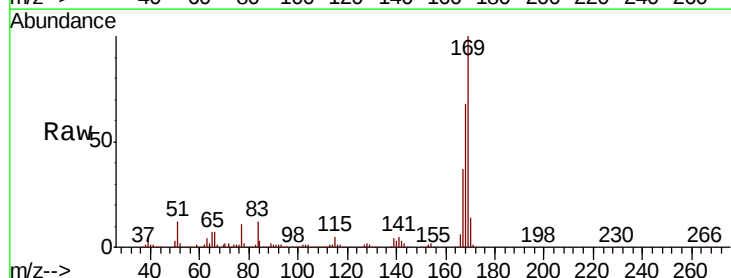
Tgt Ion:169 Resp: 1623958

Ion Ratio Lower Upper

169 100

168 67.9 53.5 80.3

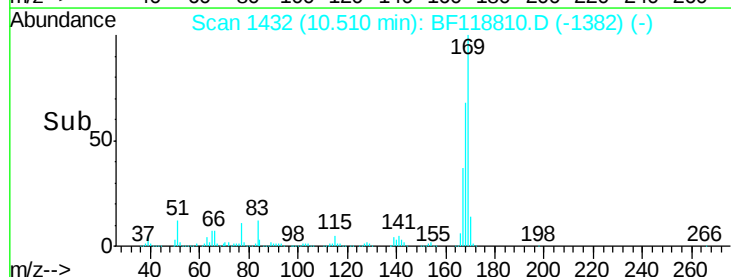
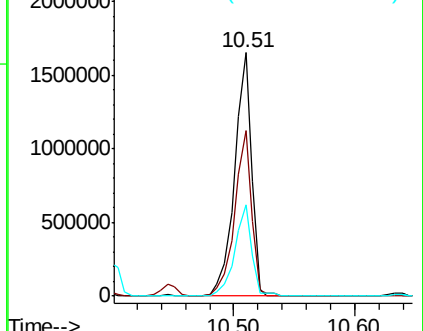
167 37.5 29.3 43.9

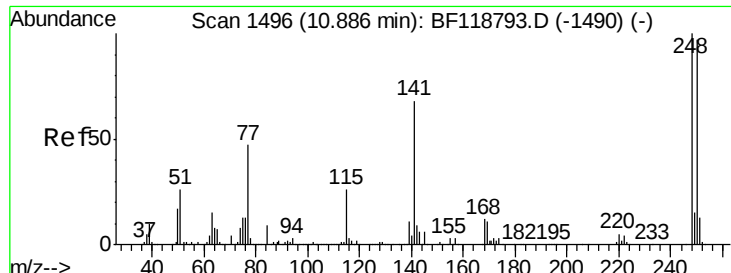


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





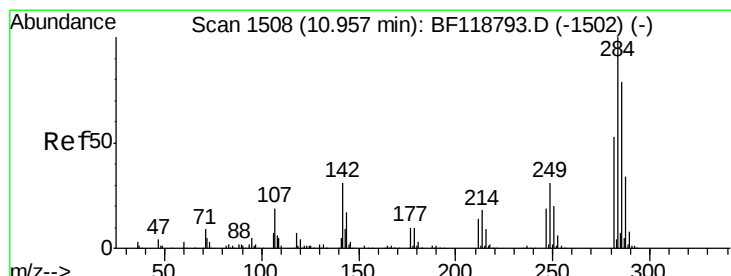
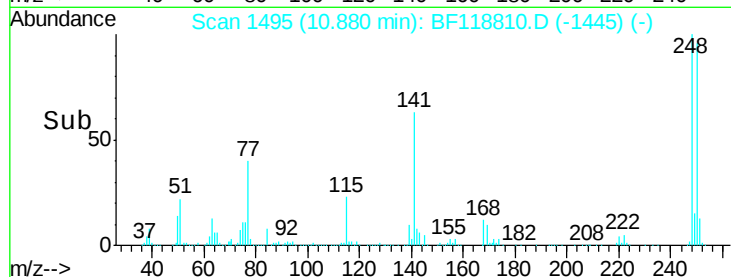
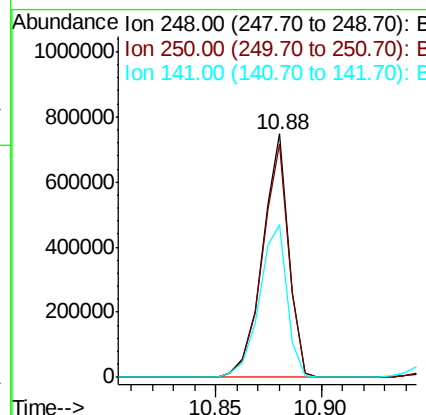
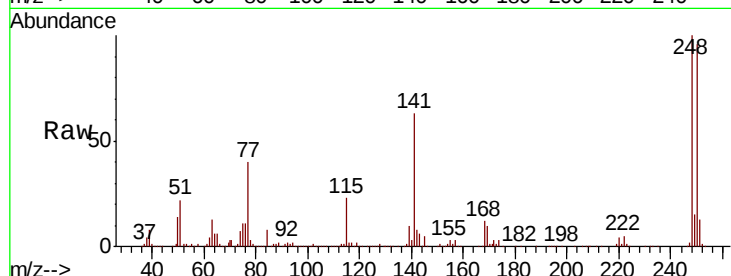
#67
 4-Bromophenyl-phenylether
 Concen: 49.914 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampled :
 BW-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.6	116.4
141	62.7	54.4	81.6

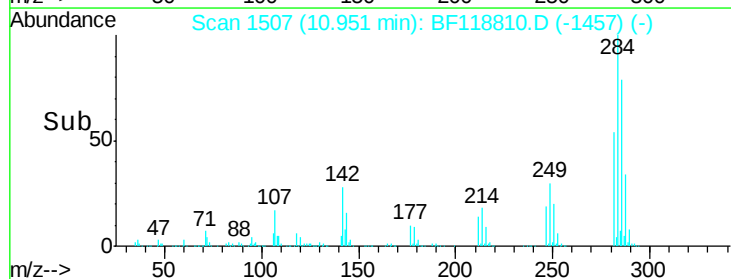
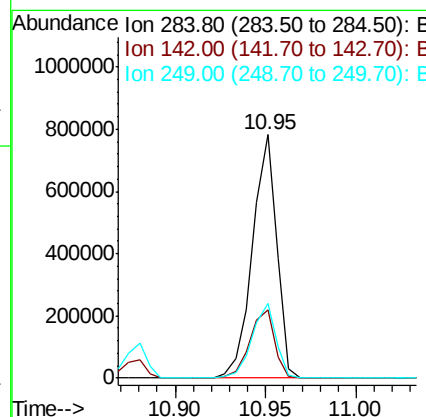
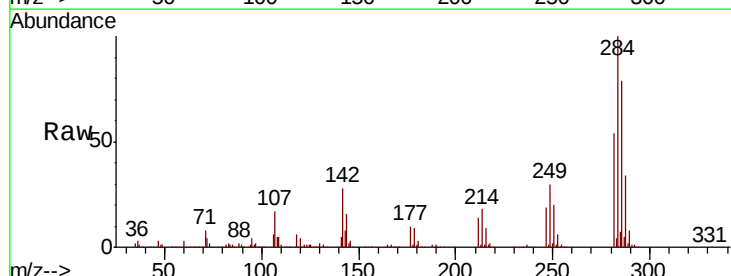
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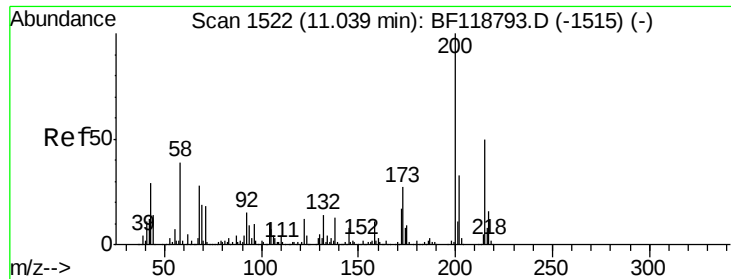
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#68
 Hexachlorobenzene
 Concen: 49.061 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	24.5	36.7
249	30.5	24.7	37.1





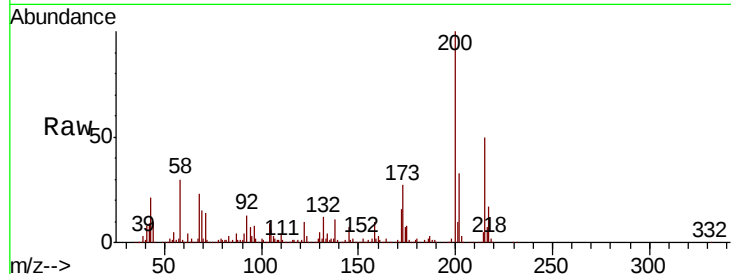
#69
Atrazine
Concen: 51.729 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

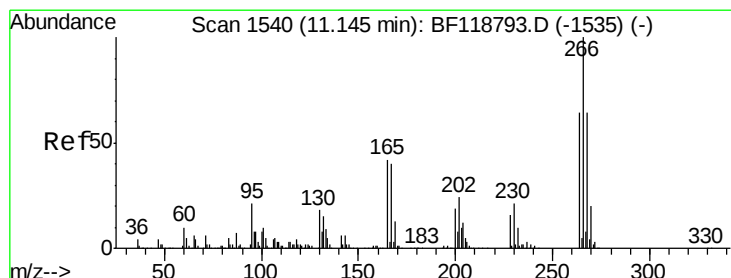
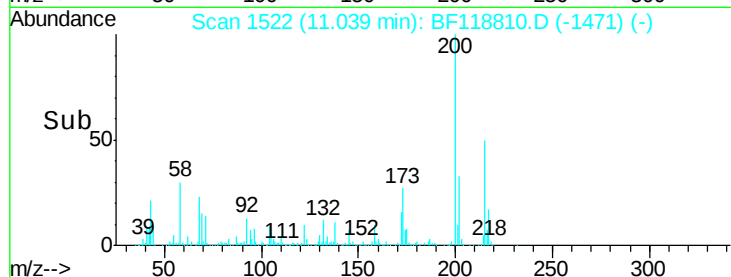
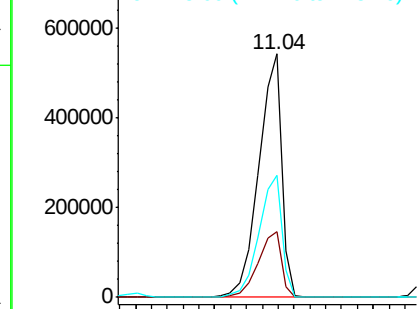
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	7.5	47.5
215	50.3	29.9	69.9

Manual Integrations
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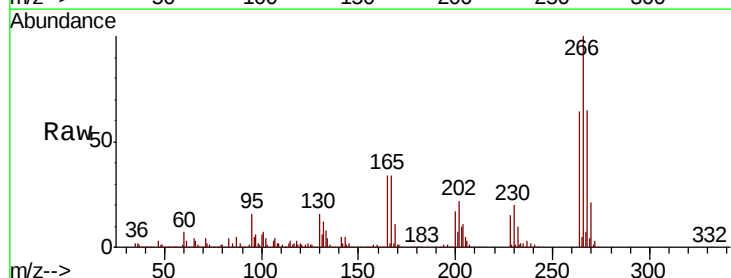


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

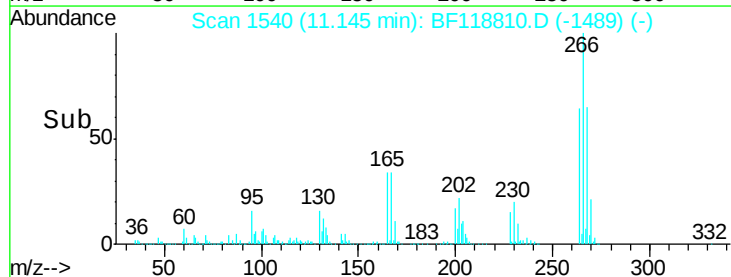
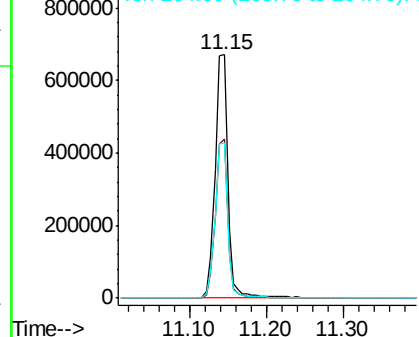


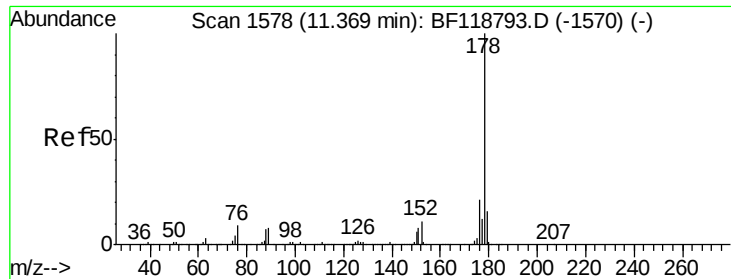
#70
Pentachlorophenol
Concen: 97.521 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.2	51.0	76.6
264	63.5	51.4	77.2



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





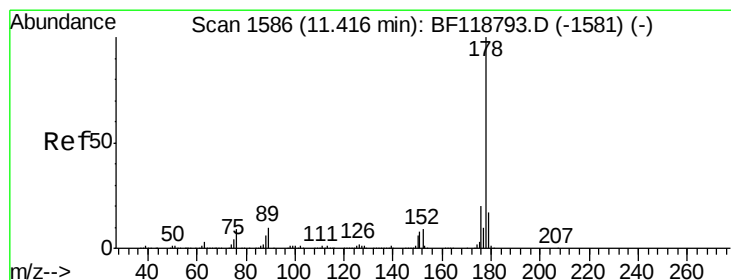
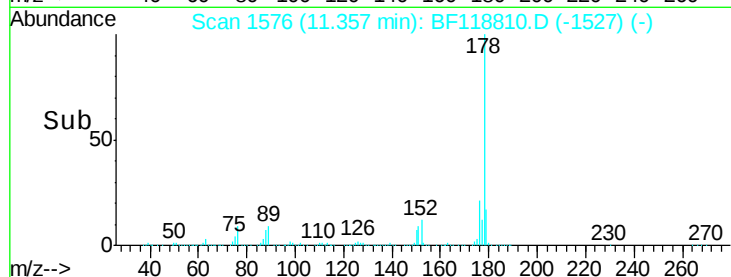
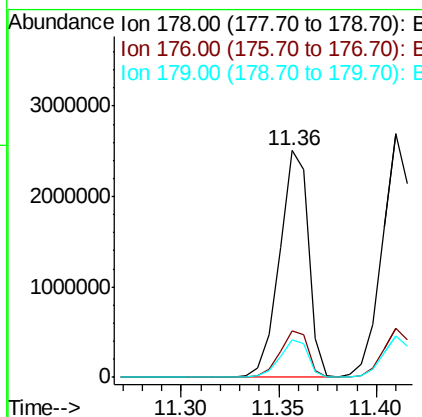
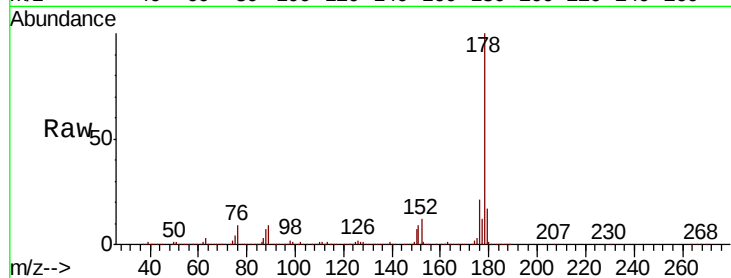
#71
Phenanthrene
Concen: 47.846 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion:178 Resp: 2577217
Ion Ratio Lower Upper
178 100
176 20.8 16.6 24.8
179 16.8 13.2 19.8

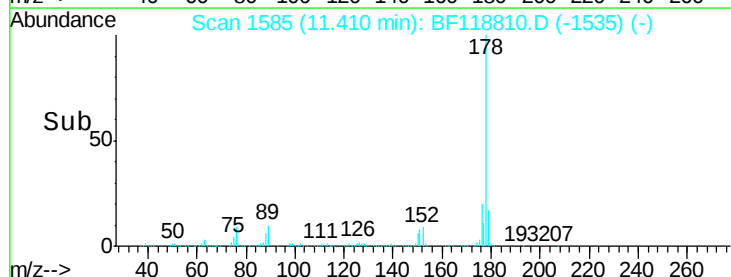
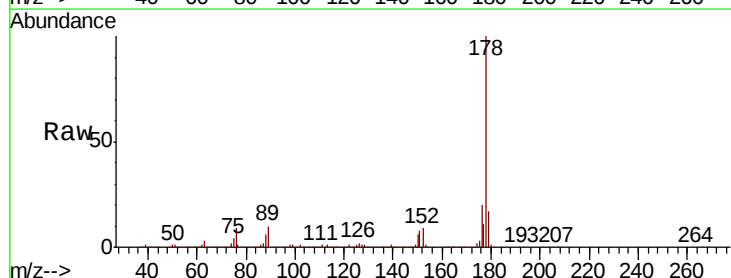
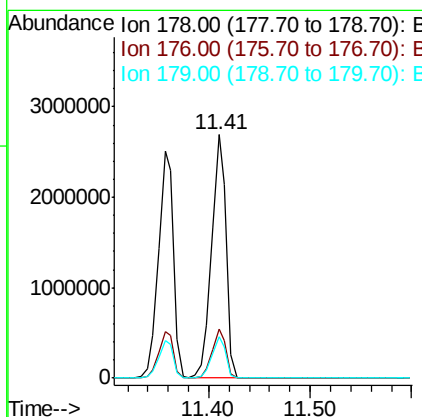
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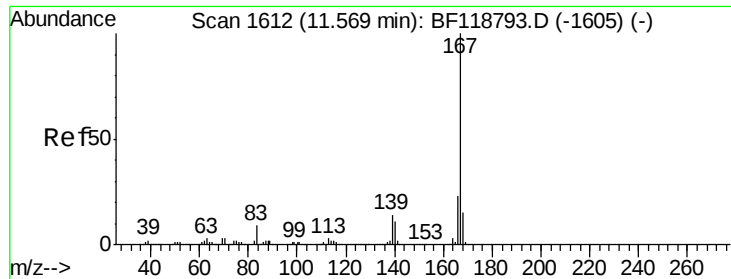
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#72
Anthracene
Concen: 49.693 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion:178 Resp: 2662816
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 16.8 13.4 20.2





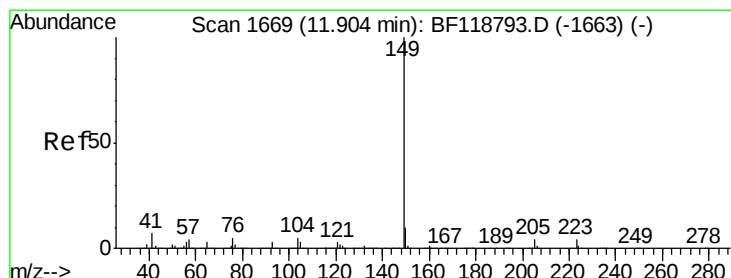
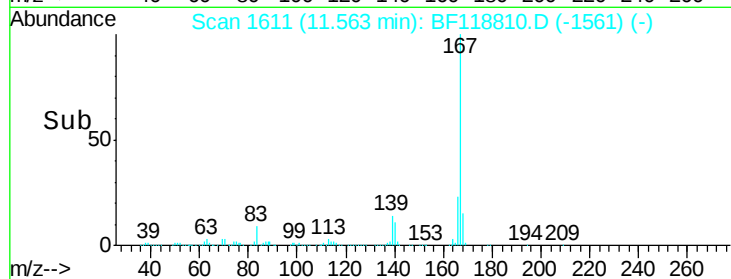
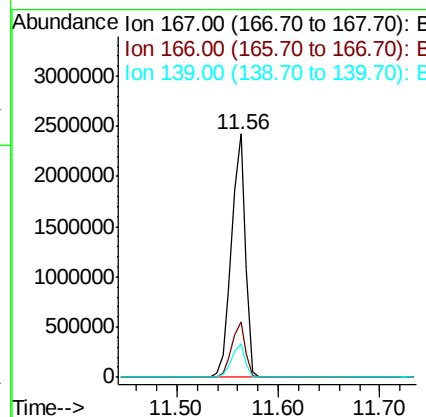
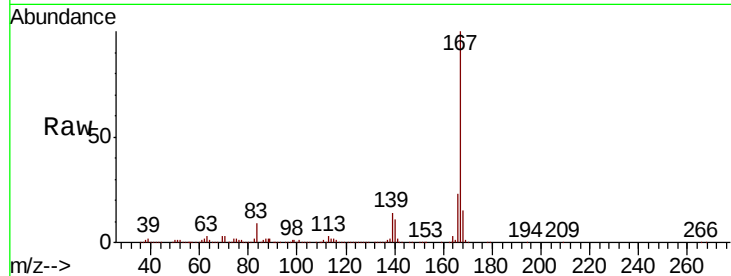
#73
 Carbazole
 Concen: 49.372 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.4	27.6
139	14.0	11.1	16.7

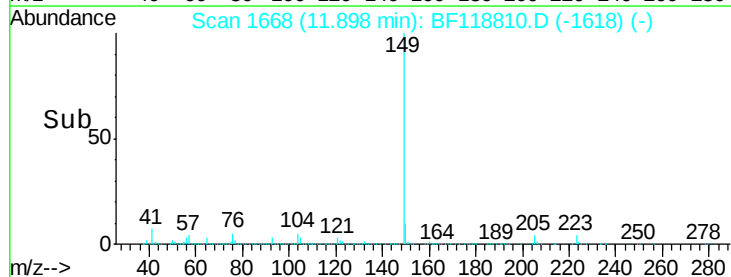
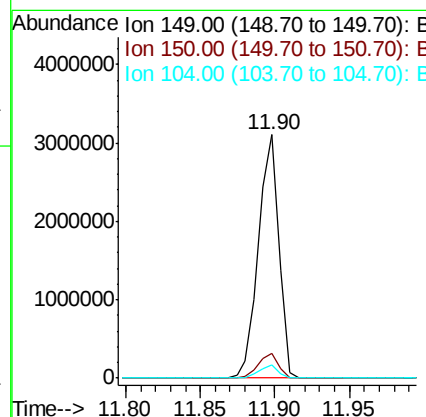
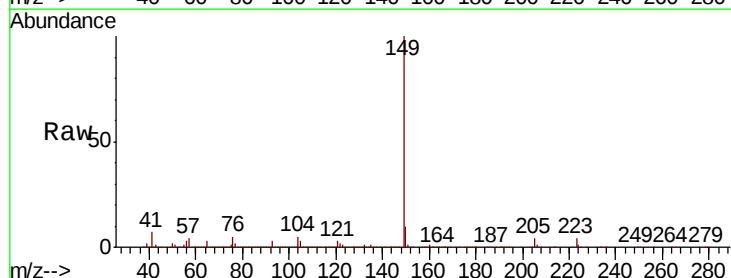
Manual Integrations
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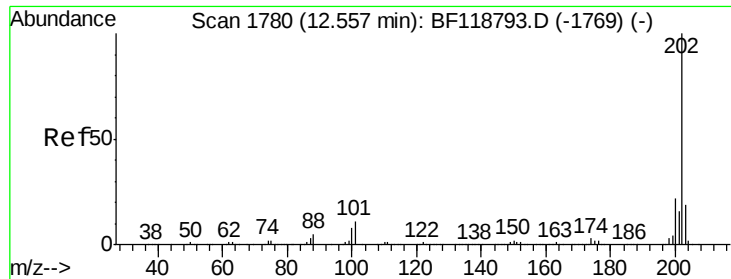
mohammad
 2/6/2020 2:17:14 PM



#74
 Di-n-butylphthalate
 Concen: 48.625 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	5.4	4.3	6.5





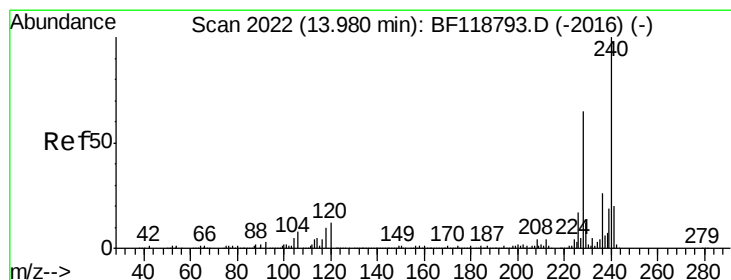
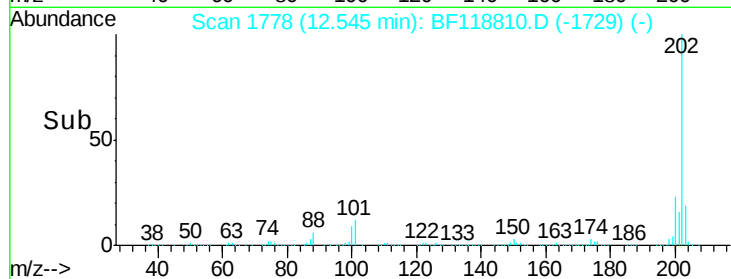
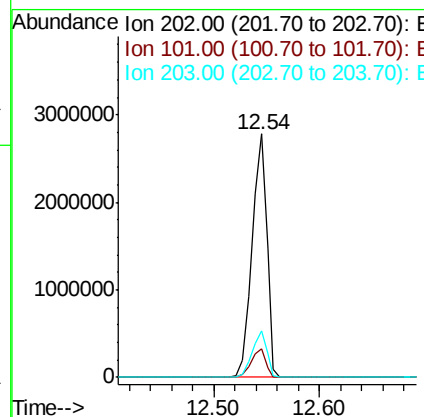
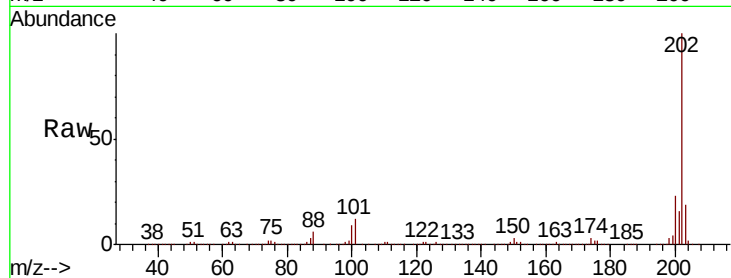
#75
Fluoranthene
Concen: 45.765 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.0
203	19.0	0.0	38.7

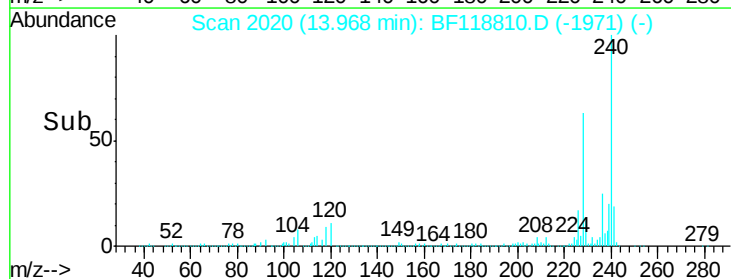
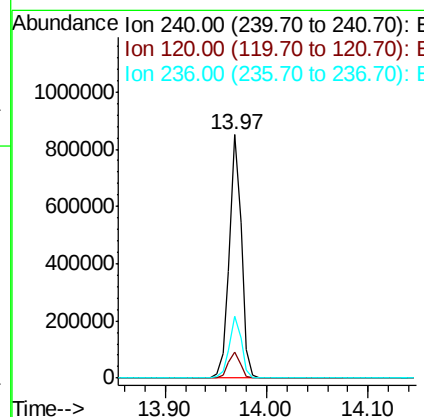
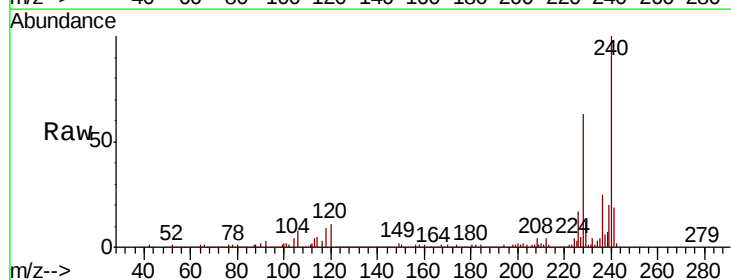
Manual Integrations
APPROVED

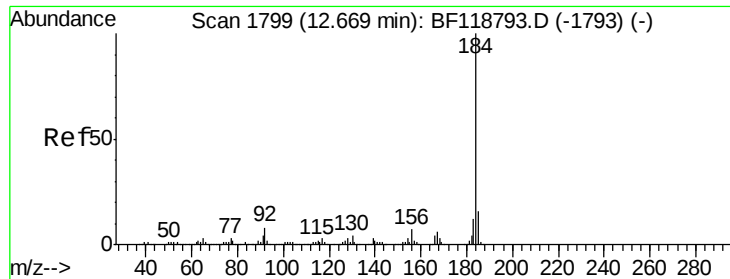
mohammad
2/6/2020 2:17:14 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.0
236	25.4	21.0	31.6





#77

Benzidine

Concen: 57.664 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

ClientSampleId :

BW-2MS

Tot Ion:184 Resp: 1226463

Ion Ratio Lower Upper

184 100

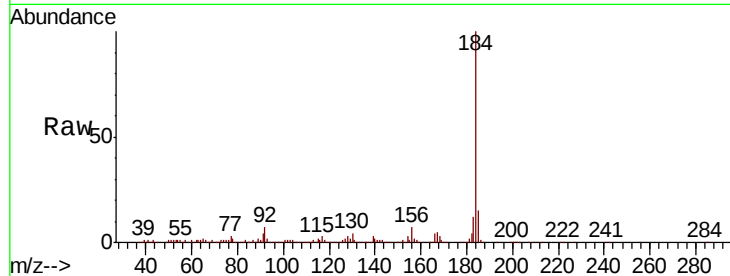
185 15.1 12.5 18.7

183 12.4 9.7 14.5

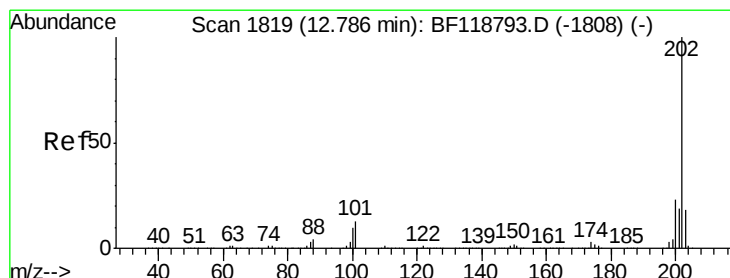
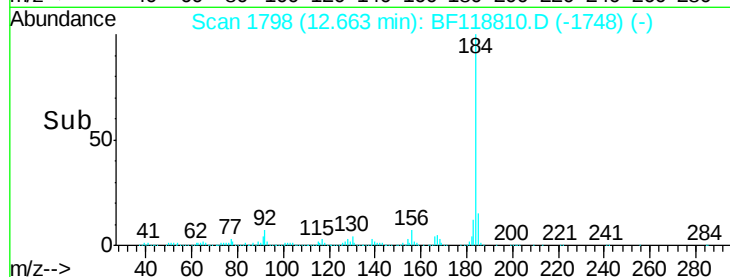
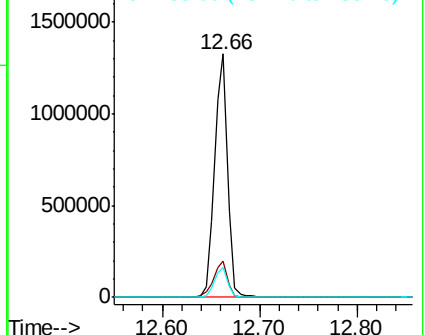
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.027 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

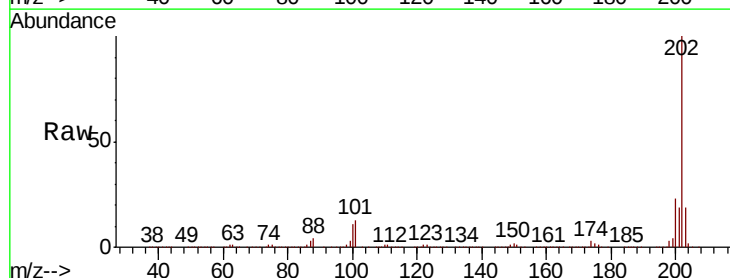
Tgt Ion:202 Resp: 2654590

Ion Ratio Lower Upper

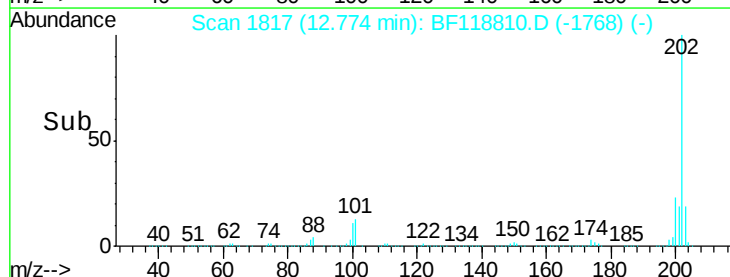
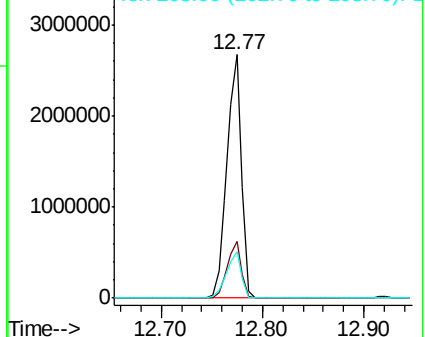
202 100

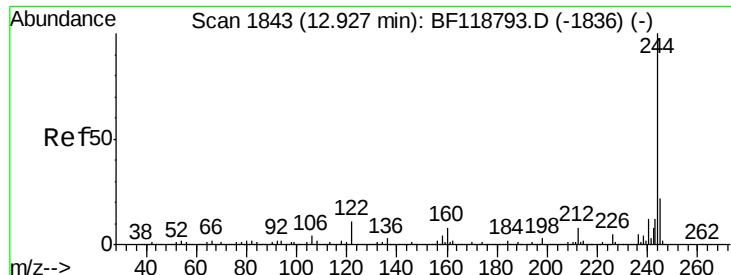
200 23.1 18.2 27.2

203 18.9 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: 112.437 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

Instrument :

BNA_F

ClientSampleId :

BW-2MS

Tot Ion:244 Resp: 3849343

Ion Ratio Lower Upper

244 100

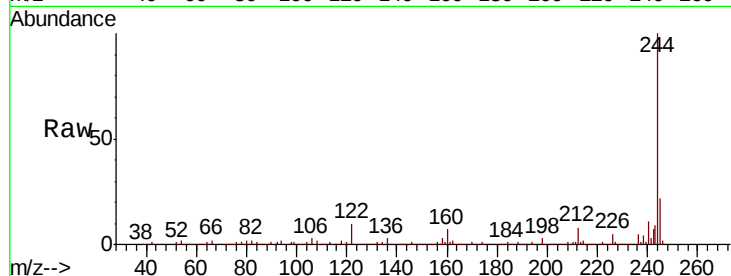
212 7.7 6.5 9.7

122 9.8 8.9 13.3

Manual Integrations
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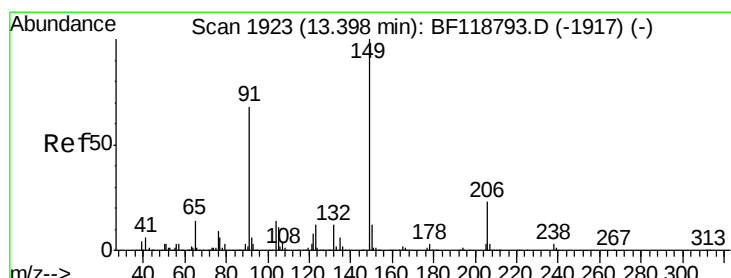
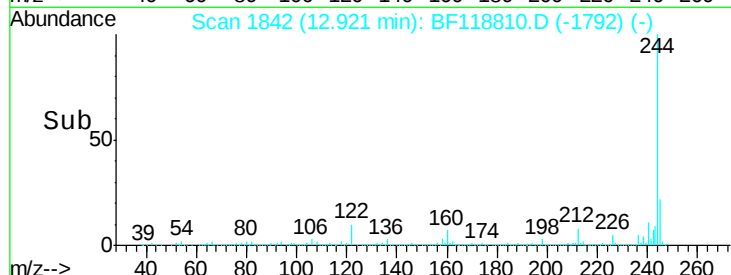
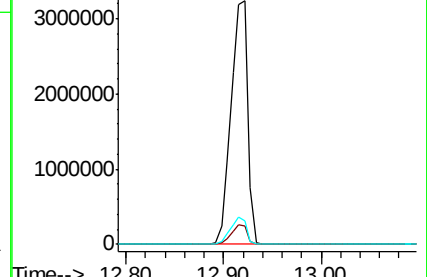
2/6/2020 2:17:14 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.810 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF118810.D

Acq: 4 Feb 2020 19:21

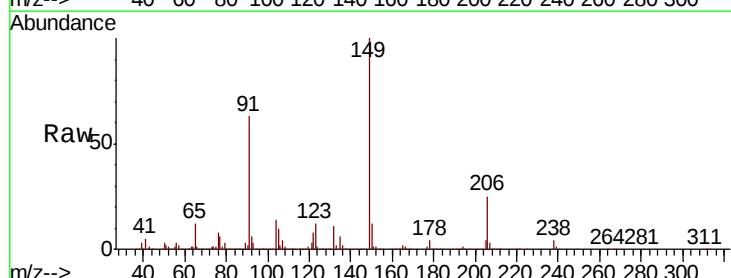
Tgt Ion:149 Resp: 1206856

Ion Ratio Lower Upper

149 100

91 62.9 54.7 82.1

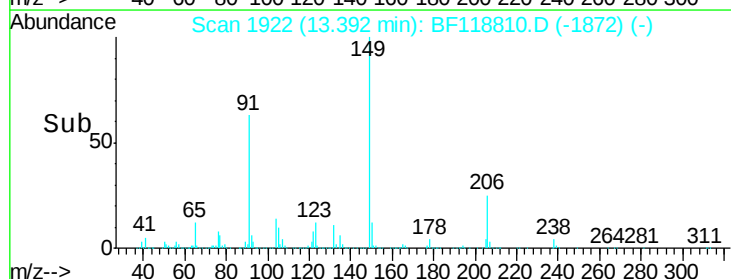
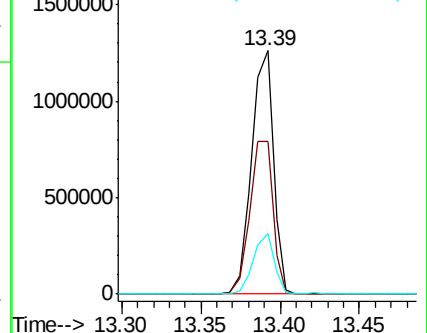
206 24.8 18.5 27.7

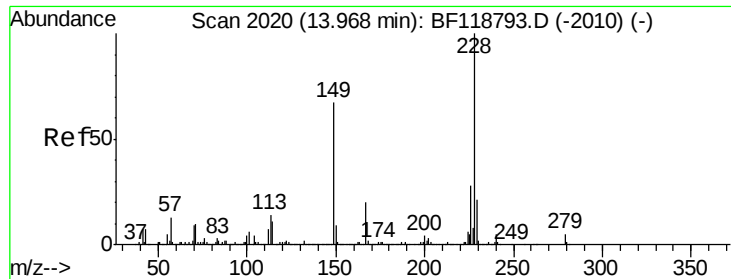


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





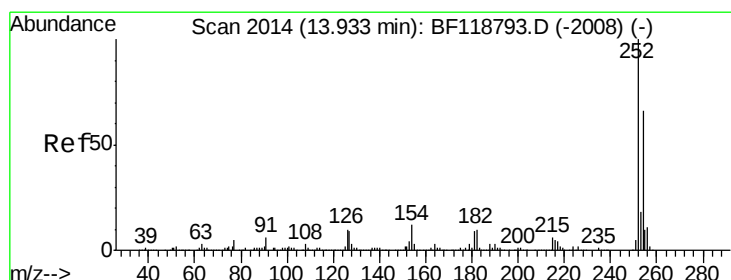
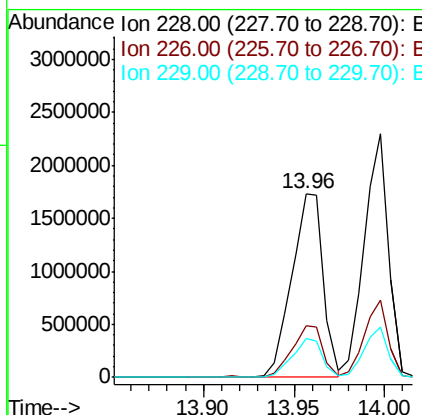
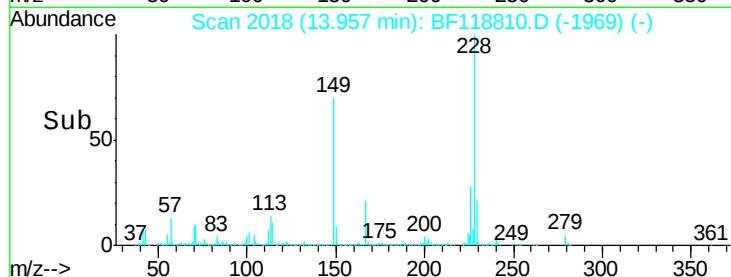
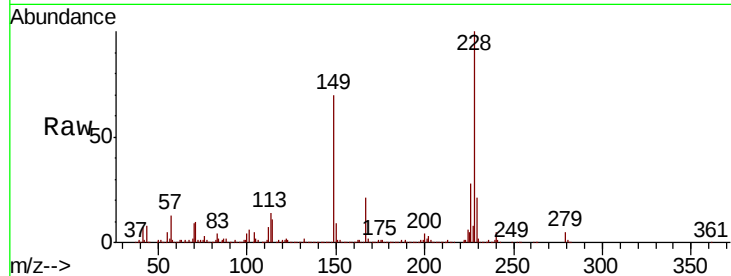
#81
Benzo(a)anthracene
Concen: 50.149 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	20.8	16.6	25.0

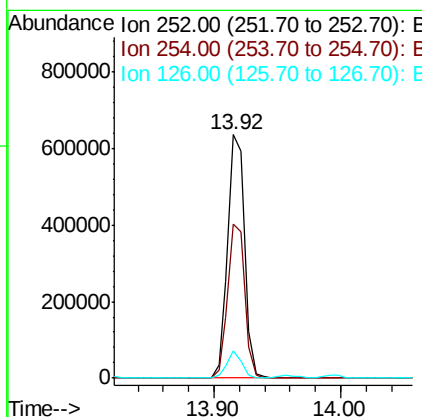
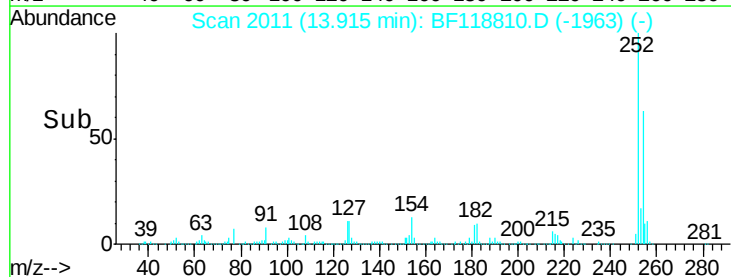
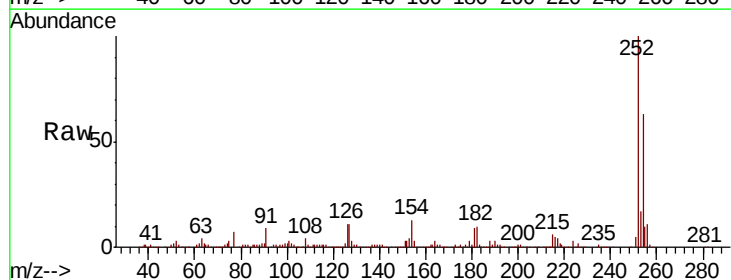
Manual Integrations
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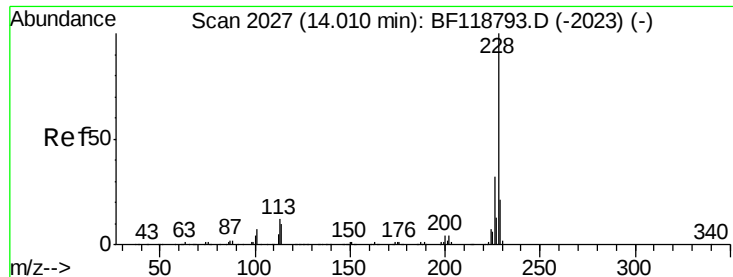
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.260 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.4	78.6
126	11.3	7.8	11.8





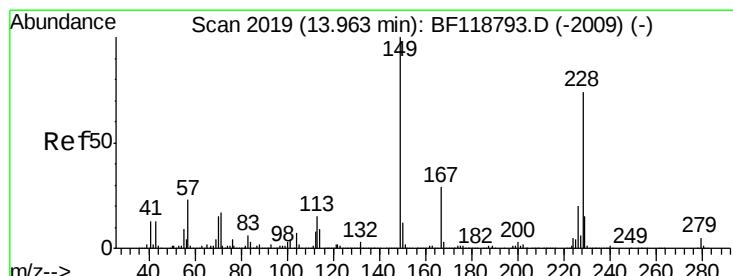
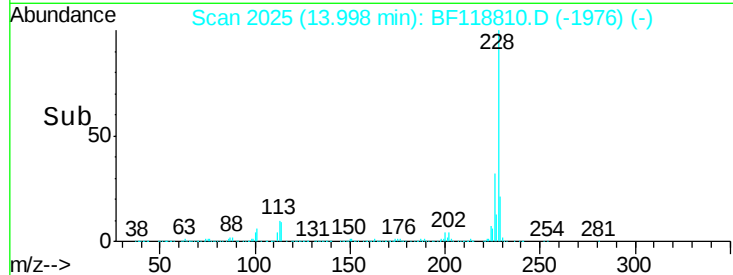
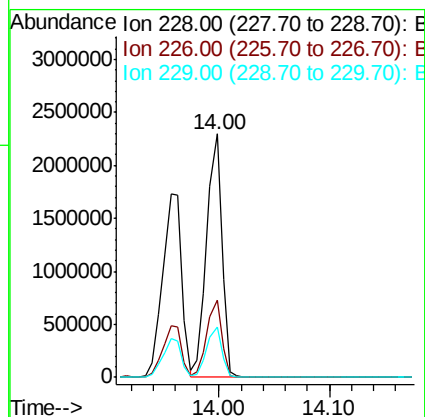
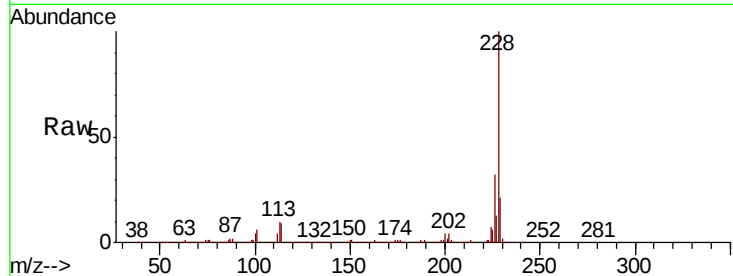
#83
 Chrvsene
 Concen: 50.903 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 BW-2MS

Tot Ion:228 Resp: 2137822
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.8 16.9 25.3

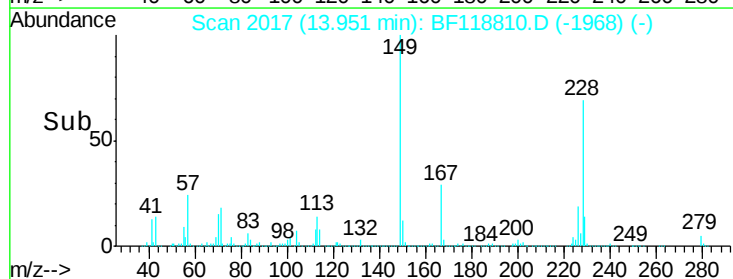
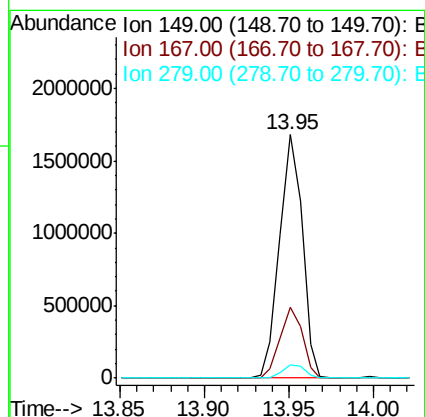
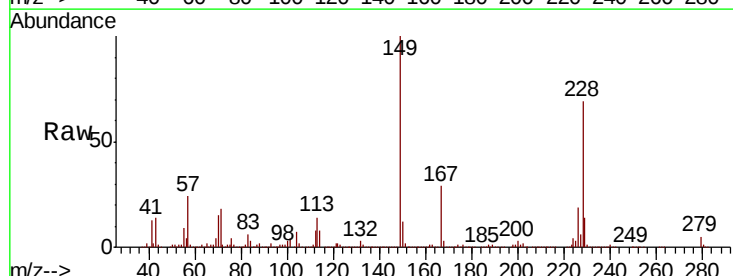
Manual Integrations
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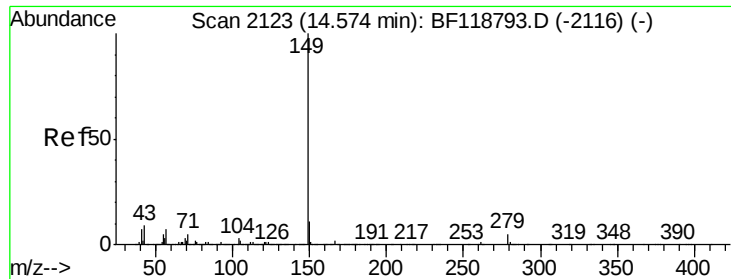
mohammad
 2/6/2020 2:17:14 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.814 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF118810.D
 Acq: 4 Feb 2020 19:21

Tgt Ion:149 Resp: 1559213
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.0 34.6
 279 5.2 4.4 6.6





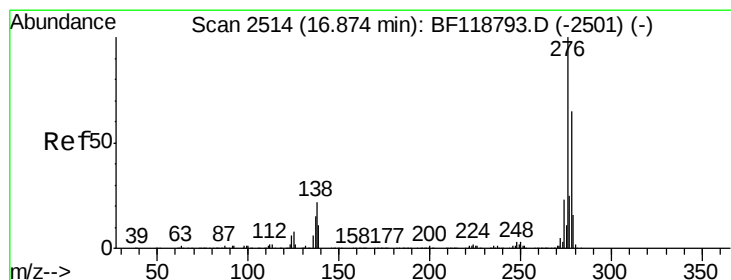
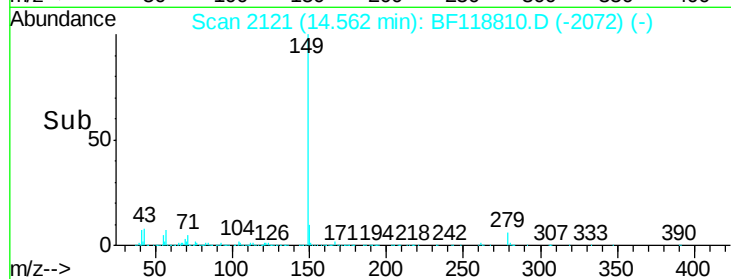
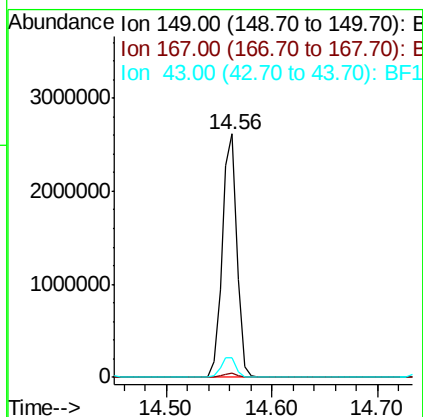
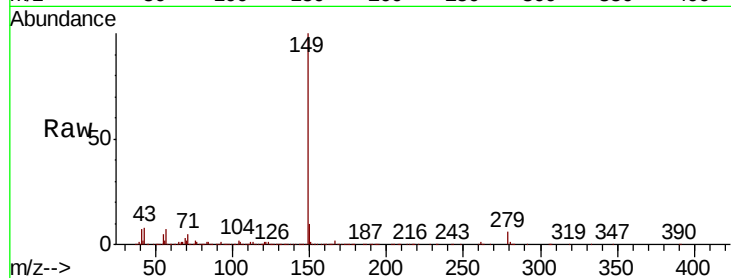
#85
Di-n-octyl phthalate
Concen: 53.346 ng
RT: 14.56 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.2	6.6	10.0

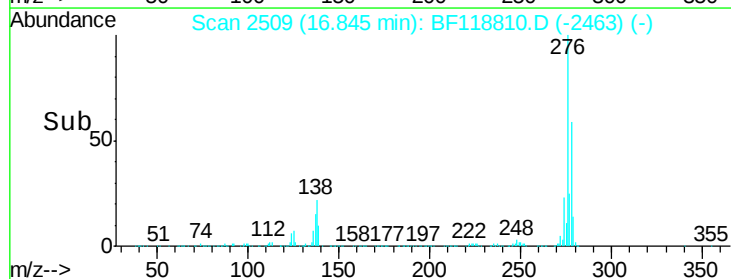
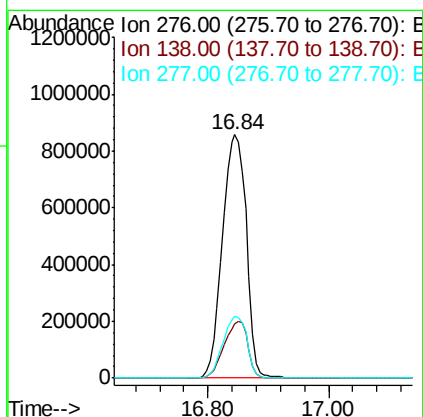
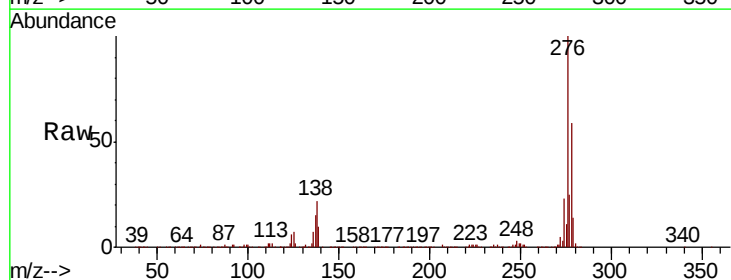
Manual Integrations
APPROVED

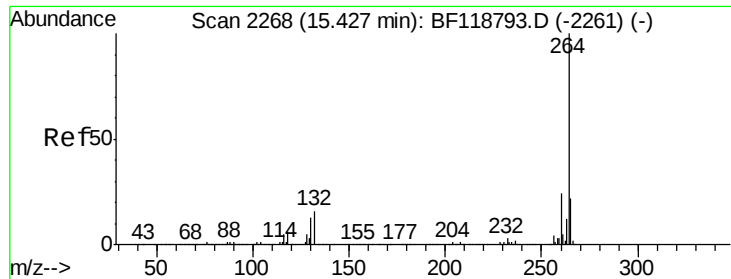
mohammad
2/6/2020 2:17:14 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.006 ng
RT: 16.84 min Scan# 2509
Delta R.T. -0.03 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.3	27.5
277	25.5	20.2	30.4





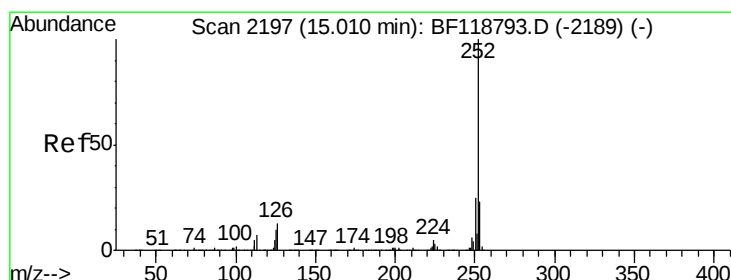
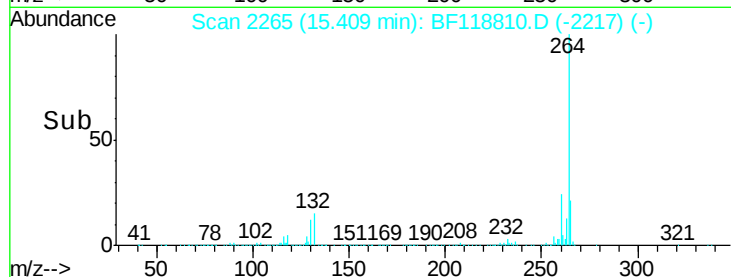
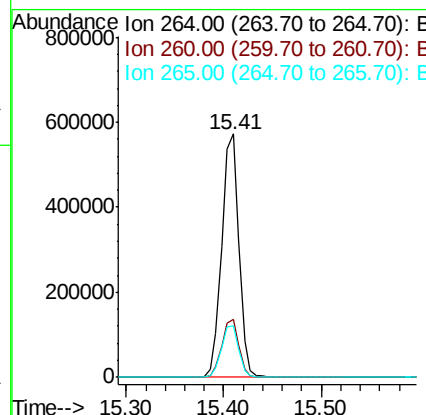
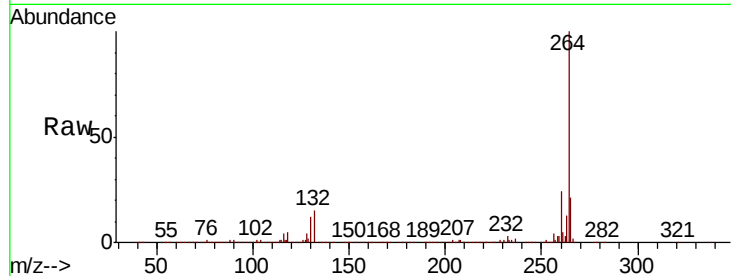
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.2	17.2	25.8

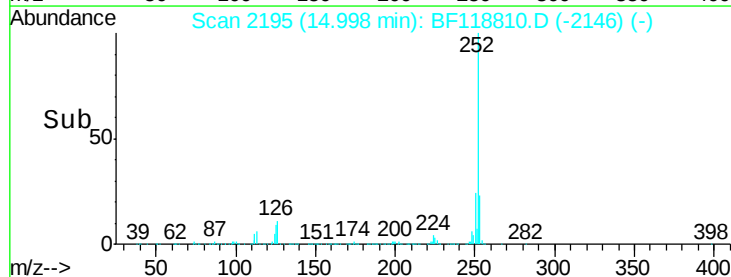
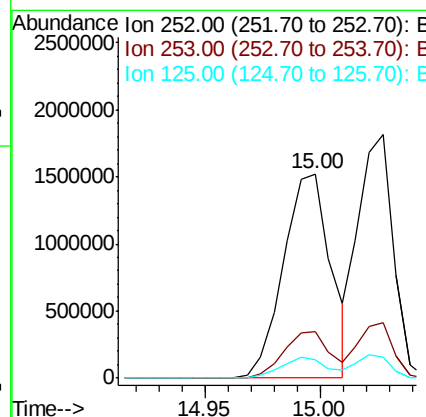
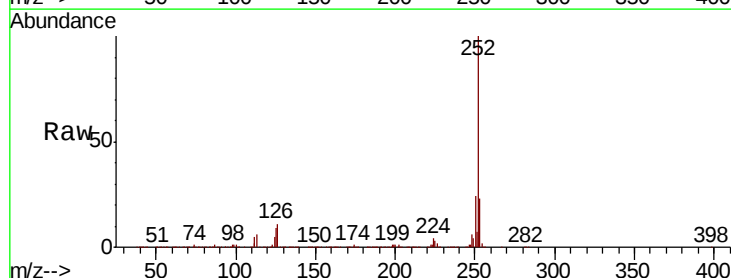
Manual Integrations
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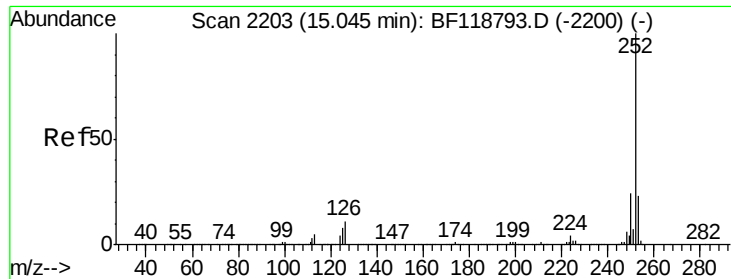
mohammad
2/6/2020 2:17:14 PM



#88
Benzo(b)fluoranthene
Concen: 49.778 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	8.9	8.1	12.1





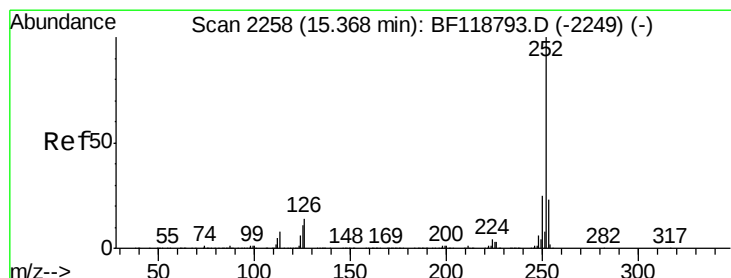
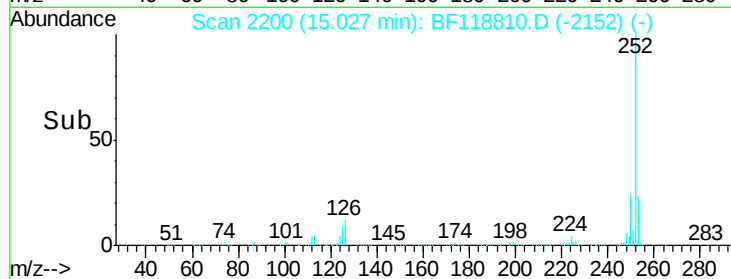
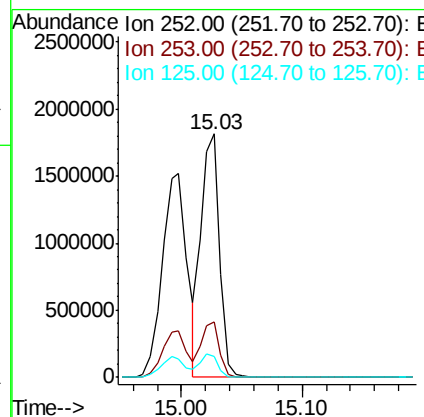
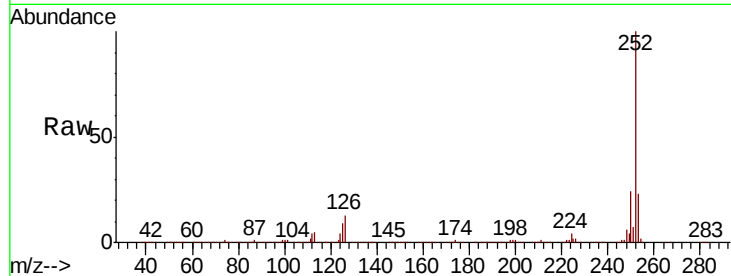
#89
Benzo(k)fluoranthene
Concen: 50.663 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	8.7	7.0	10.6

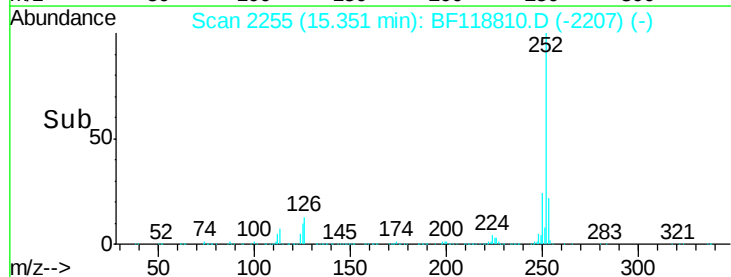
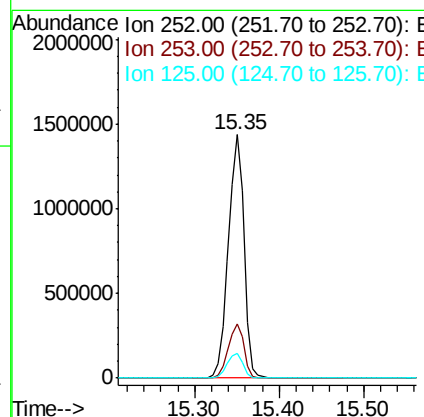
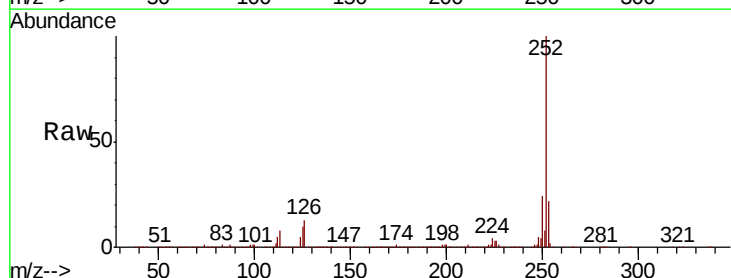
Manual Integrations
APPROVED

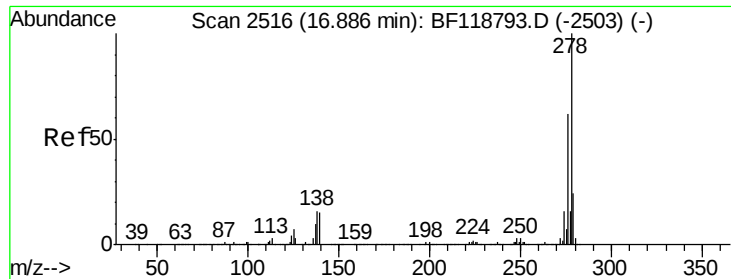
mohammad
2/6/2020 2:17:14 PM



#90
Benzo(a)pyrene
Concen: 49.499 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.4	8.7	13.1





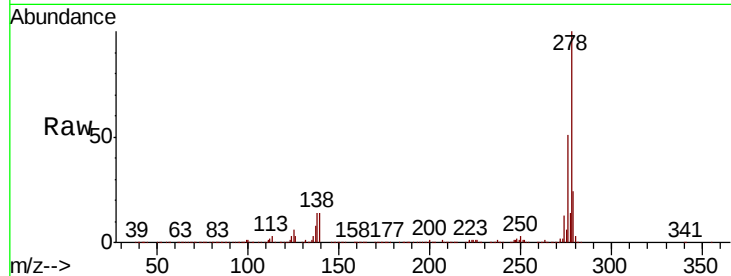
#91
Dibenzo(a,h)anthracene
Concen: 59.906 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.02 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Instrument :
BNA_F
ClientSampleId :
BW-2MS

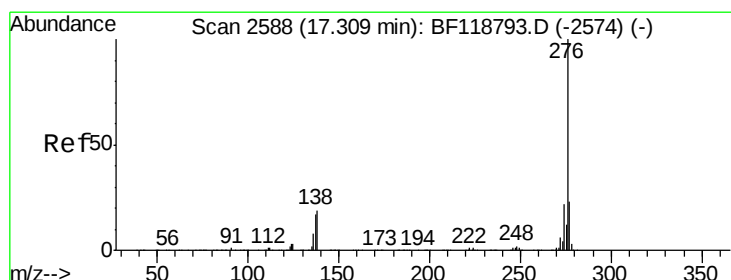
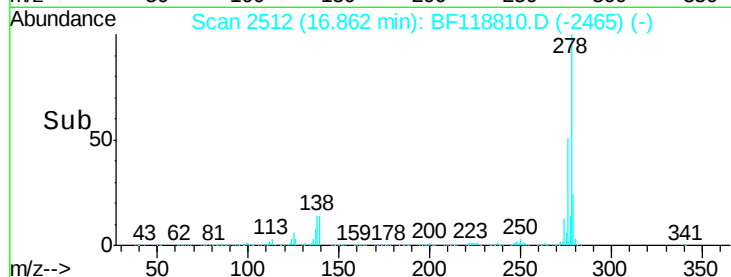
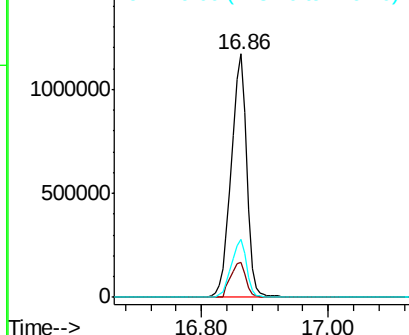
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.3	18.5
279	23.6	19.1	28.7

Manual Integrations
APPROVED

mohammad
2/6/2020 2:17:14 PM



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



#92
Benzo(g,h,i)perylene
Concen: 63.142 ng
RT: 17.28 min Scan# 2583
Delta R.T. -0.03 min
Lab File: BF118810.D
Acq: 4 Feb 2020 19:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.7	28.1
138	20.1	15.4	23.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

