

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF119990.D
 Acq On : 15 Apr 2020 13:39
 Operator : MA/SJ
 Sample : PB128205BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Manual Integrations
 APPROVED

mohammad
 4/16/2020 12:52:45 PM

Quant Time: Apr 15 14:24:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	173709	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	693228	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	359739	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	696363	20.00	ng	0.00
76) Chrysene-d12	13.90	240	489622	20.00	ng	0.00
87) Perylene-d12	15.32	264	427393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1314114	130.74	ng	0.01
7) Phenol-d6	6.37	99	1643525	126.89	ng	0.00
23) Nitrobenzene-d5	7.29	82	1027449	76.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	459073	104.23	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2026751	79.99	ng	0.00
79) Terphenyl-d14	12.84	244	2231740	76.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	184848	41.289	ng	94
3) Pyridine	3.15	79	493146	40.148	ng	97
4) n-Nitrosodimethylamine	3.10	42	257873	41.089	ng	90
6) Aniline	6.39	93	562308	33.078	ng	94
8) 2-Chlorophenol	6.51	128	533617	47.514	ng	99
9) Benzaldehyde	6.27	77	235559	30.569	ng	98
10) Phenol	6.38	94	666772	45.378	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	501044	44.163	ng	100
12) 1,3-Dichlorobenzene	6.66	146	538627	43.807	ng	97
13) 1,4-Dichlorobenzene	6.75	146	537668	42.928	ng	98
14) 1,2-Dichlorobenzene	6.90	146	507089	43.931	ng	96
15) Benzyl Alcohol	6.87	79	428303	42.576	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	878284	39.782	ng	98
17) 2-Methylphenol	6.99	107	429215	42.825	ng	98
18) Hexachloroethane	7.24	117	204232	43.631	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	357251	42.894	ng	98
20) 3+4-Methylphenols	7.14	107	517997	42.258	ng	92
22) Acetophenone	7.14	105	689048	42.447	ng	# 99
24) Nitrobenzene	7.31	77	545711	40.483	ng	99
25) Isophorone	7.55	82	1015673	39.320	ng	98
26) 2-Nitrophenol	7.63	139	286145	42.489	ng	95
27) 2,4-Dimethylphenol	7.67	122	436235	42.949	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	645154	42.444	ng	99
29) 2,4-Dichlorophenol	7.87	162	435022	41.784	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	469809	39.826	ng	99
31) Naphthalene	8.03	128	1498582	41.088	ng	99
32) Benzoic acid	7.80	122	348676	39.088	ng	95
33) 4-Chloroaniline	8.08	127	288679	18.181	ng	99
34) Hexachlorobutadiene	8.15	225	270165	38.259	ng	98
35) Caprolactam	8.46	113	137326m	43.120	ng	
36) 4-Chloro-3-methylphenol	8.57	107	478355	42.438	ng	97
37) 2-Methylnaphthalene	8.73	142	1019829	41.243	ng	98
38) 1-Methylnaphthalene	8.83	142	973079	41.751	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	446600	39.306	ng	98

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Instrument :
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 PB128205BS

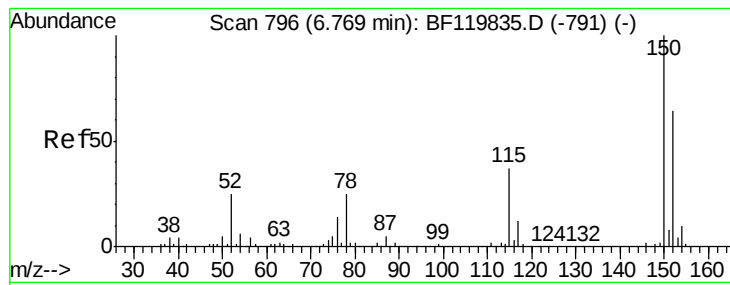
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Quant Time: Apr 15 14:24:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	543349	84.098	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	322704	41.130	nq	98
44) 2,4,5-Trichlorophenol	9.05	196	353504	40.003	nq	99
46) 1,1'-Biphenyl	9.19	154	1242812	40.930	nq	99
47) 2-Chloronaphthalene	9.22	162	967570	41.365	nq	98
48) 2-Nitroaniline	9.32	65	339381	40.038	nq	95
49) Acenaphthylene	9.63	152	1509949	42.446	nq	99
50) Dimethylphthalate	9.50	163	1134881	40.786	nq	100
51) 2,6-Dinitrotoluene	9.56	165	253101	41.538	nq	94
52) Acenaphthene	9.80	154	916112	38.606	nq	100
53) 3-Nitroaniline	9.72	138	162084	23.291	nq	98
54) 2,4-Dinitrophenol	9.84	184	303236	83.123	nq	94
55) Dibenzofuran	9.97	168	1349213	41.434	nq	99
56) 4-Nitrophenol	9.90	139	413314	79.822	nq	96
57) 2,4-Dinitrotoluene	9.96	165	335855	41.836	nq	95
58) Fluorene	10.32	166	1053386	40.449	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	293752	43.463	nq	98
60) Diethylphthalate	10.20	149	1155148	40.055	nq	98
61) 4-Chlorophenyl-phenylether	10.31	204	516970	38.731	nq	96
62) 4-Nitroaniline	10.35	138	268295	40.454	nq	96
63) Azobenzene	10.47	77	1106945	42.830	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	201908	44.011	nq	99
66) n-Nitrosodiphenylamine	10.43	169	970253	41.895	nq	98
67) 4-Bromophenyl-phenylether	10.80	248	320181	36.972	nq	97
68) Hexachlorobenzene	10.87	284	344606	39.226	nq	94
69) Atrazine	10.96	200	294064	45.637	nq	94
70) Pentachlorophenol	11.06	266	377066	74.479	nq	99
71) Phenanthrene	11.28	178	1534313	41.399	nq	98
72) Anthracene	11.33	178	1563750	41.303	nq	100
73) Carbazole	11.49	167	1460085	40.781	nq	99
74) Di-n-butylphthalate	11.83	149	1862776	39.577	nq	99
75) Fluoranthene	12.47	202	1675442	41.898	nq	99
77) Benzidine	12.59	184	741126	44.779	nq	97
78) Pyrene	12.70	202	1669478	40.447	nq	99
80) Butylbenzylphthalate	13.32	149	783039	39.096	nq	99
81) Benzo(a)anthracene	13.89	228	1328412	41.242	nq	100
82) 3,3'-Dichlorobenzidine	13.85	252	314485	26.167	nq	97
83) Chrysene	13.92	228	1361093	41.587	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1022197	37.688	nq	99
85) Di-n-octyl phthalate	14.50	149	1779079	38.524	nq	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1084520	37.592	nq	97
88) Benzo(b)fluoranthene	14.91	252	1294096m	42.090	nq	
89) Benzo(k)fluoranthene	14.94	252	1128308	42.533	nq	99
90) Benzo(a)pyrene	15.26	252	1069446	41.370	nq	99
91) Dibenzo(a,h)anthracene	16.72	278	923437	40.327	nq	96
92) Benzo(g,h,i)perylene	17.12	276	878118	38.849	nq	96

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



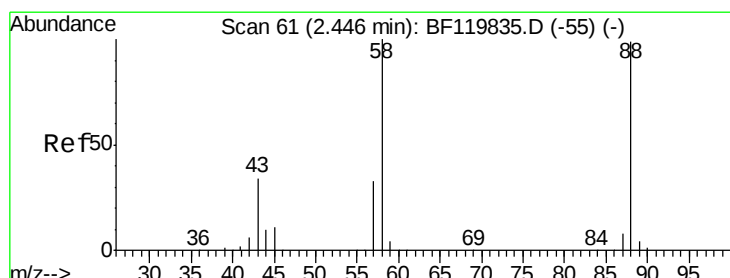
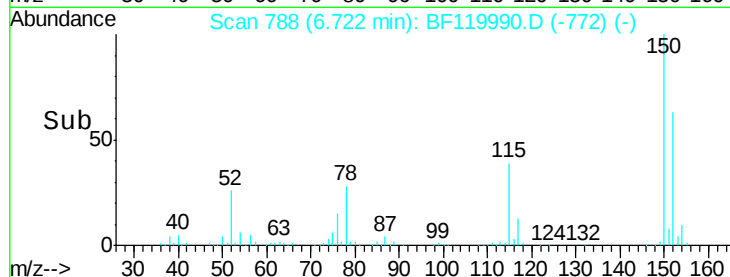
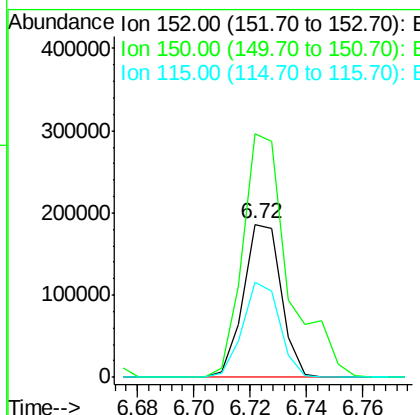
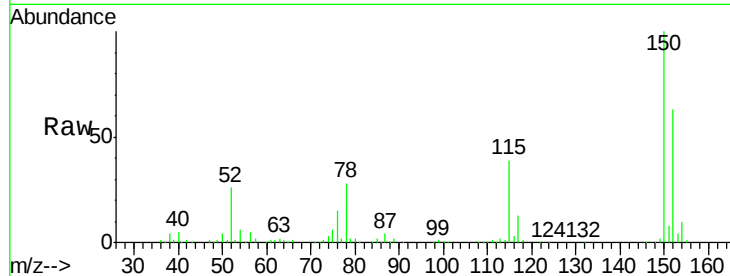
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.8	187.2
115	62.5	46.5	69.7

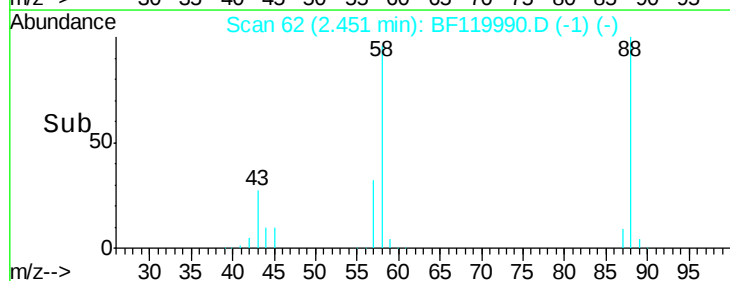
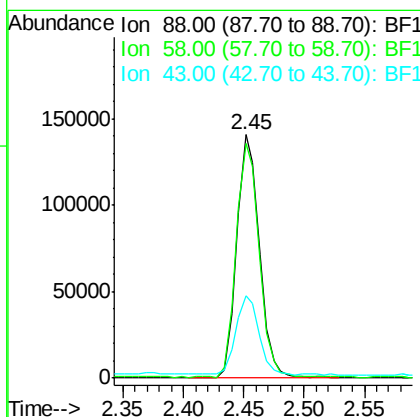
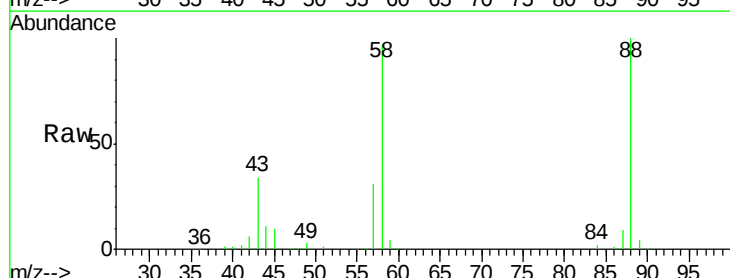
Manual Integrations
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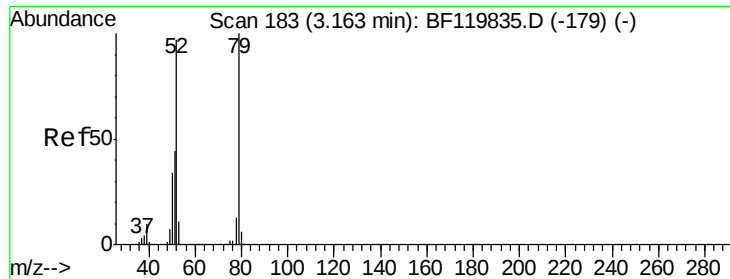
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#2
 1,4-Dioxane
 Concen: 41.289 ng
 RT: 2.45 min Scan# 62
 Delta R.T. 0.08 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.2	82.6	123.8
43	33.0	28.6	42.8





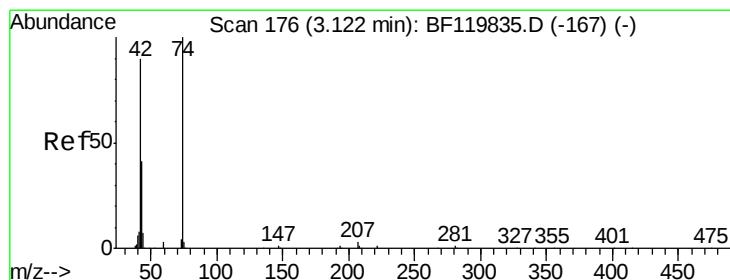
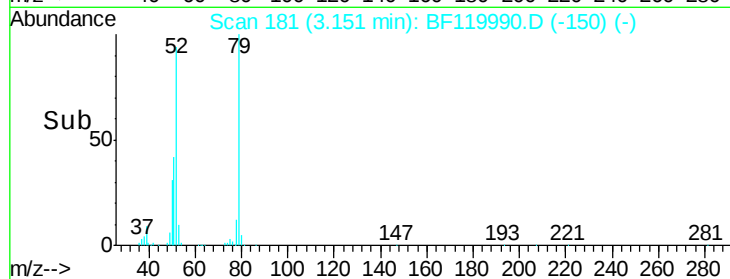
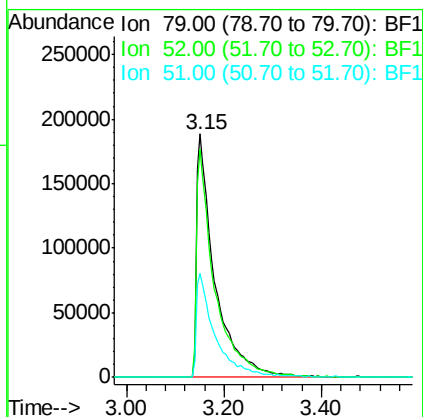
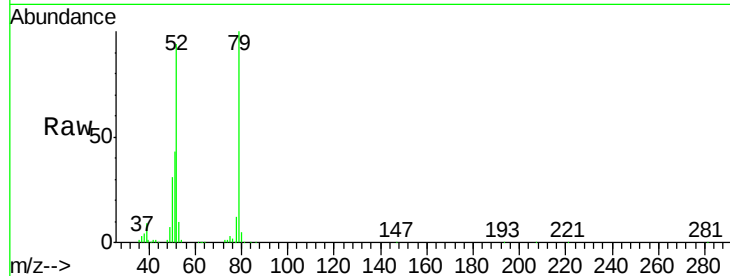
#3
 Pvridine
 Concen: 40.148 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.08 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.9	77.4	116.0
51	42.6	35.3	52.9

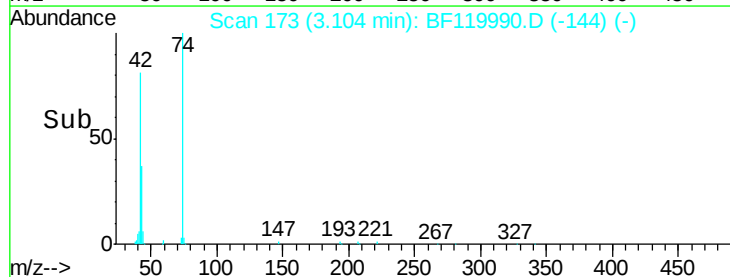
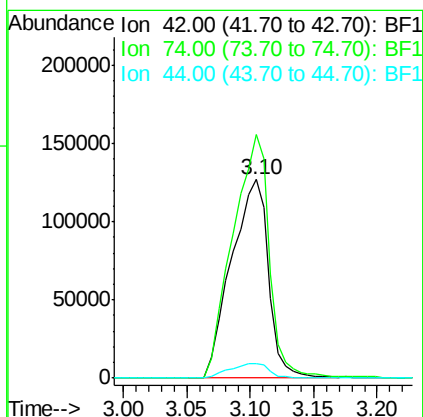
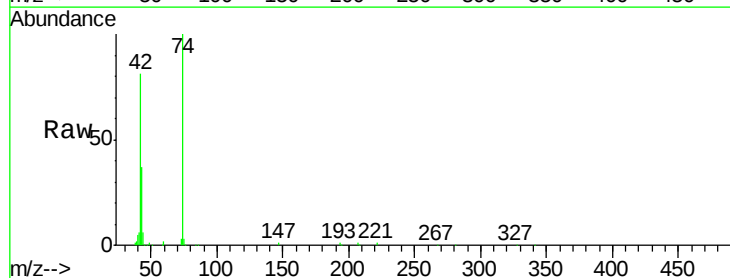
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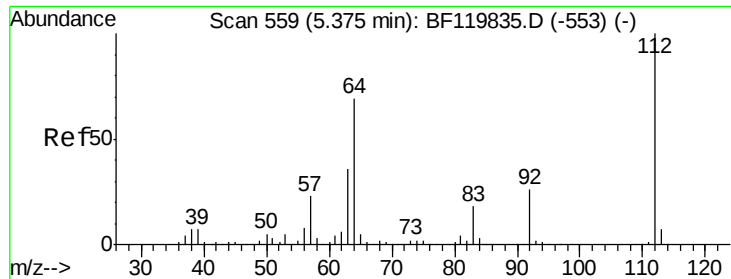
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#4
 n-Nitrosodimethylamine
 Concen: 41.089 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.07 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.8	89.0	133.4
44	7.3	6.2	9.4





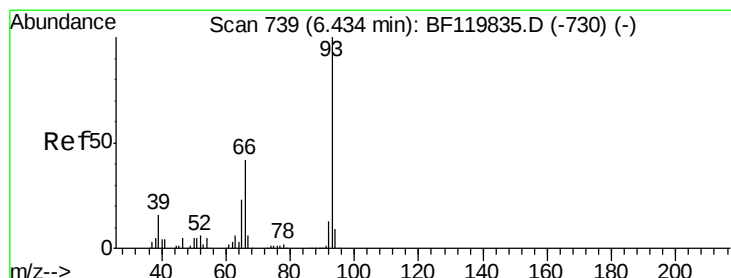
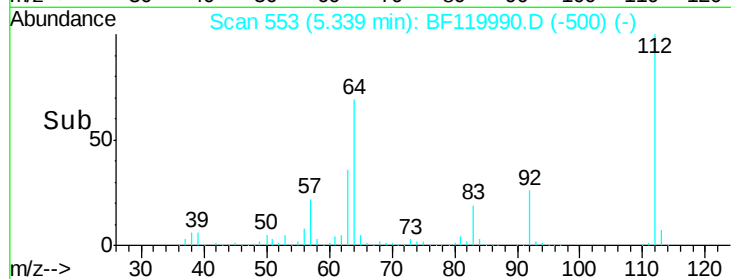
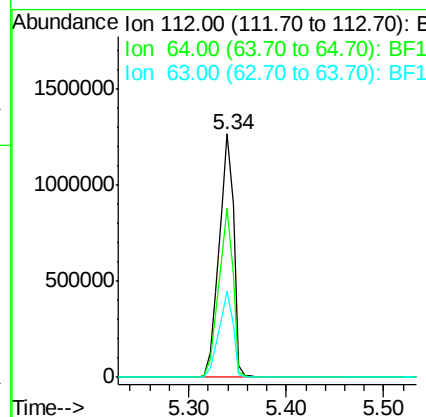
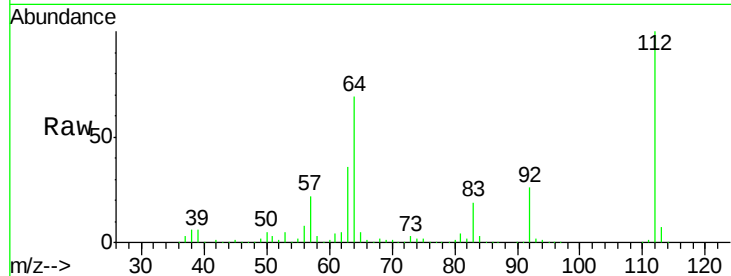
#5
2-Fluorophenol
Concen: 130.738 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.5	83.3
63	35.6	29.1	43.7

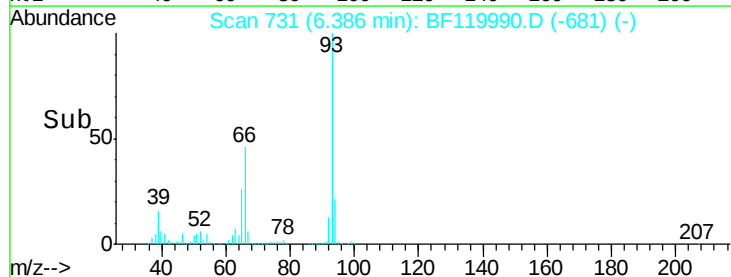
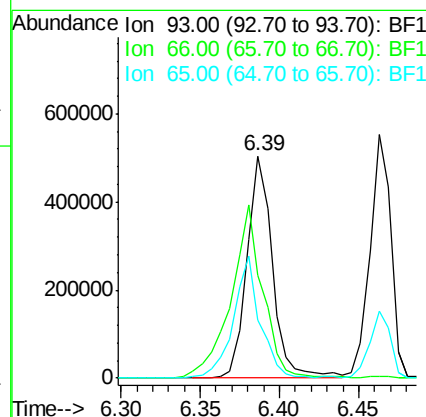
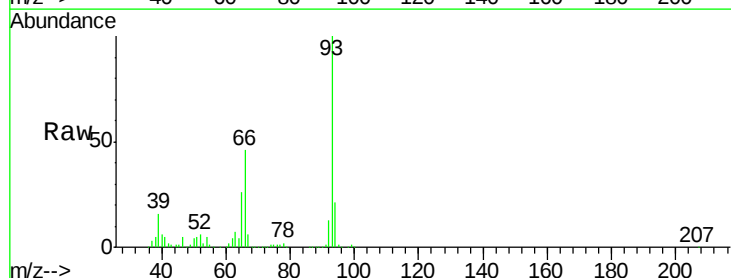
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#6
Aniline
Concen: 33.078 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.1	34.2	51.2
65	25.9	18.3	27.5





#7

Phenol-d6

Concen: 126.895 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion: 99 Resp: 1643525

Ion Ratio Lower Upper

99 100

42 18.9 16.9 25.3

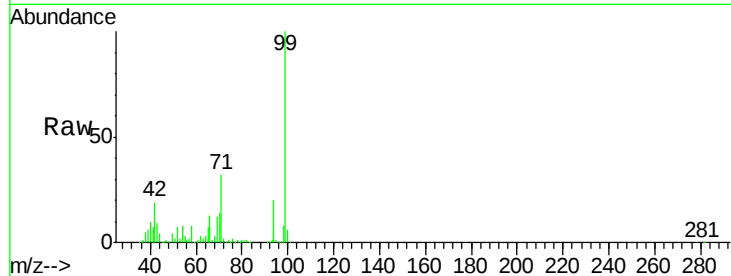
71 31.8 26.3 39.5

Manual Integrations

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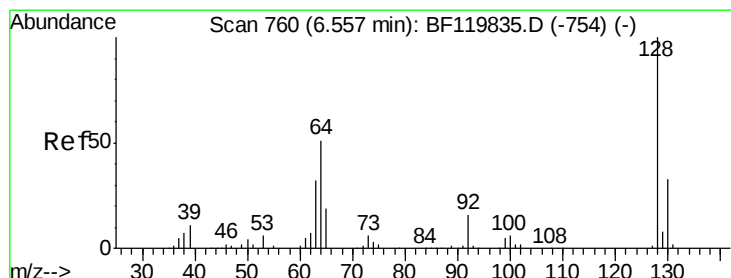
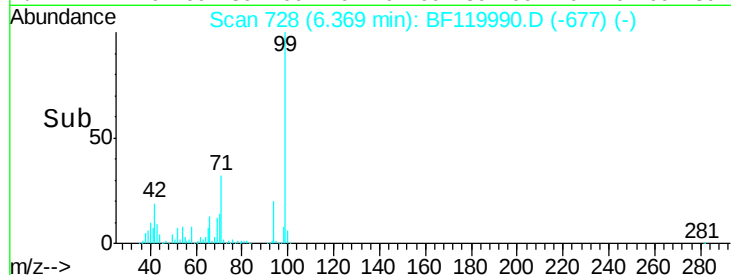
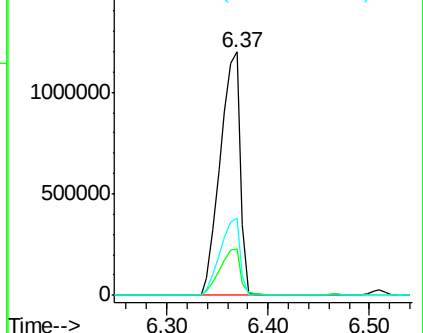
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.514 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

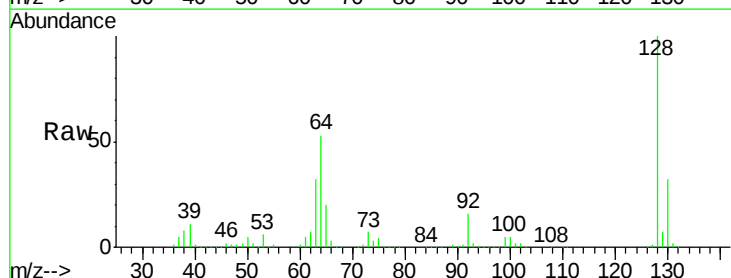
Tgt Ion: 128 Resp: 533617

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

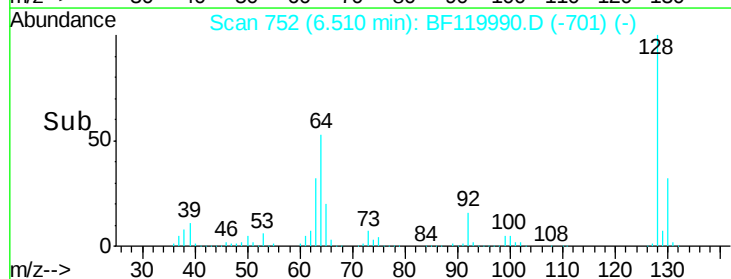
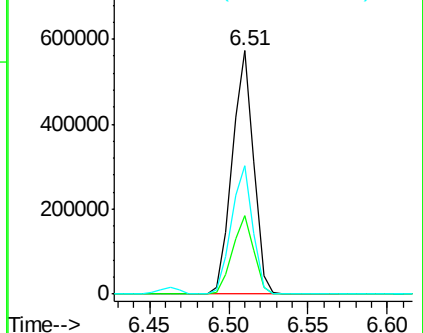
64 52.5 32.0 72.0

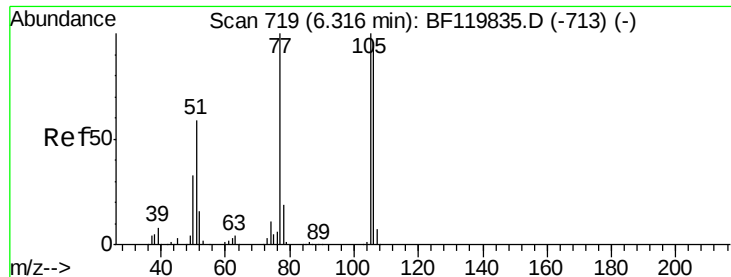


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.569 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

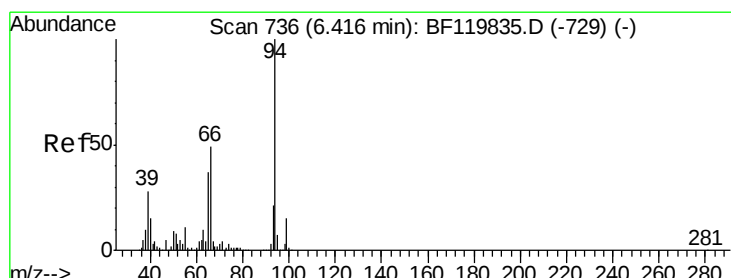
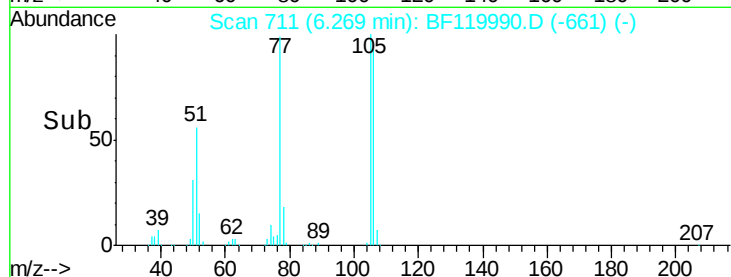
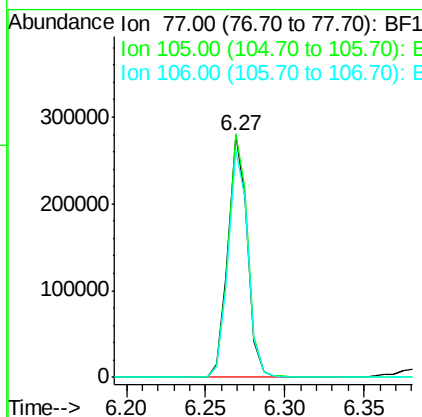
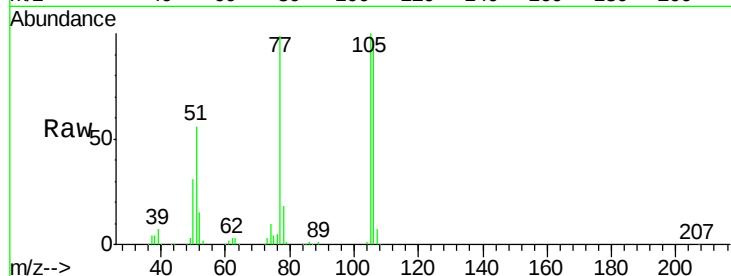
ClientSampleId :

PB128205BS

Tot Ion:	77	Resp:	235559
Ion	Ratio	Lower	Upper
77	100		
105	100.6	79.9	119.9
106	93.6	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 45.378 ng

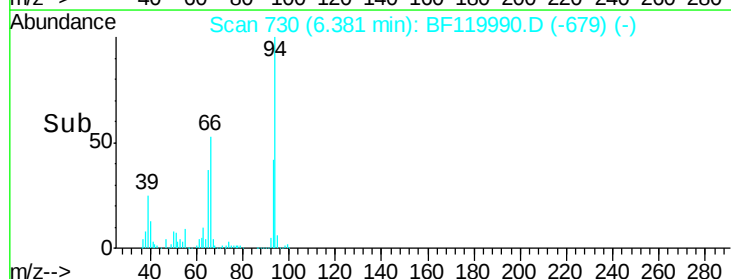
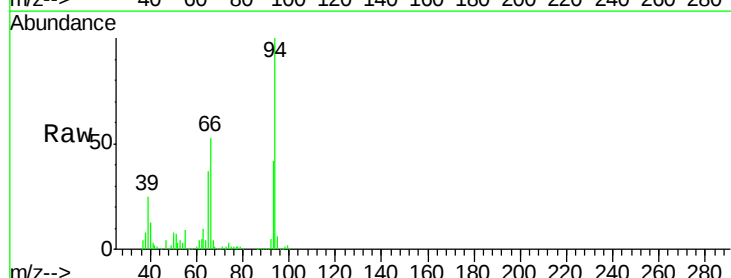
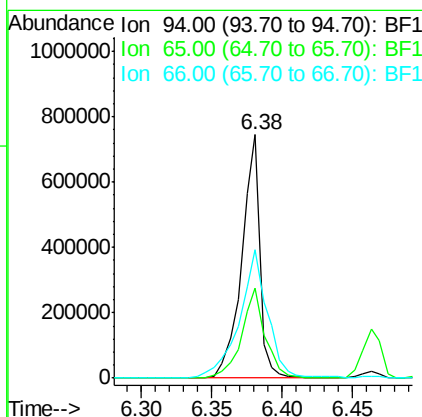
RT: 6.38 min Scan# 730

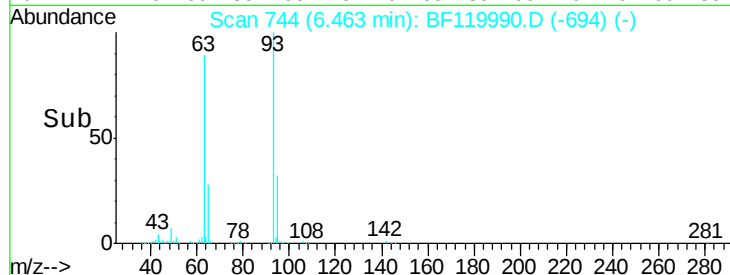
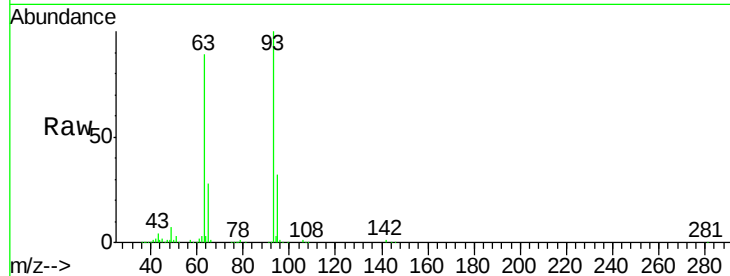
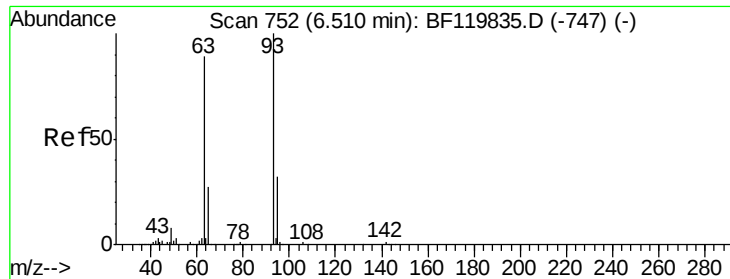
Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:	94	Resp:	666772
Ion	Ratio	Lower	Upper
94	100		
65	37.2	16.6	56.6
66	52.6	29.3	69.3





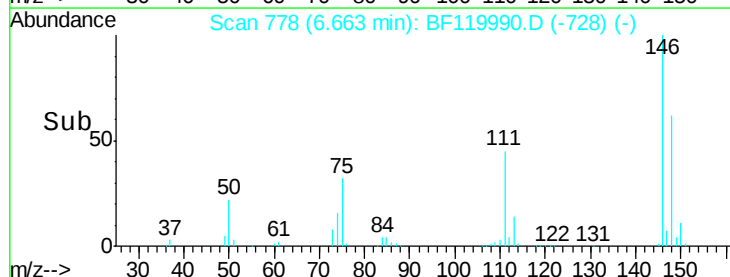
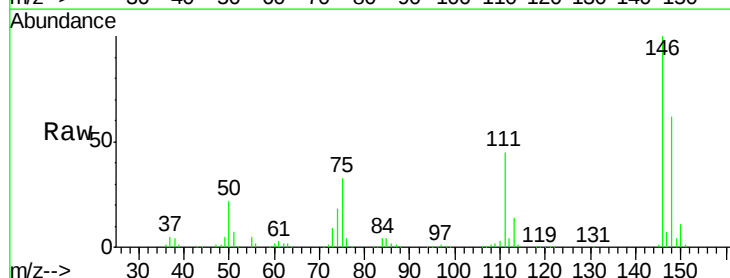
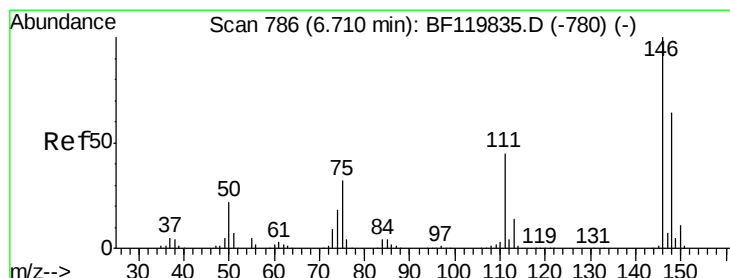
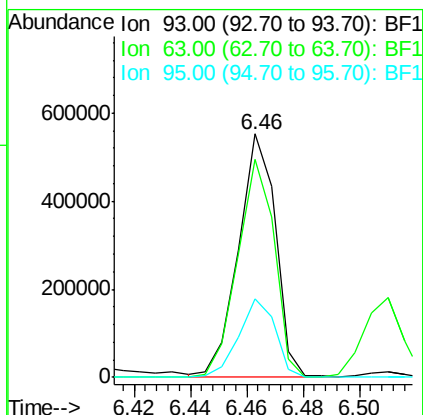
#11
bis(2-Chloroethyl)ether
Concen: 44.163 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.4	69.1	109.1
95	32.0	12.3	52.3

Instrument :
BNA_F
ClientSampleId :
PB128205BS

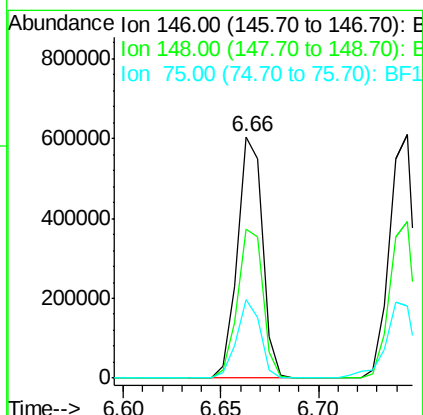
Manual Integrations
APPROVED

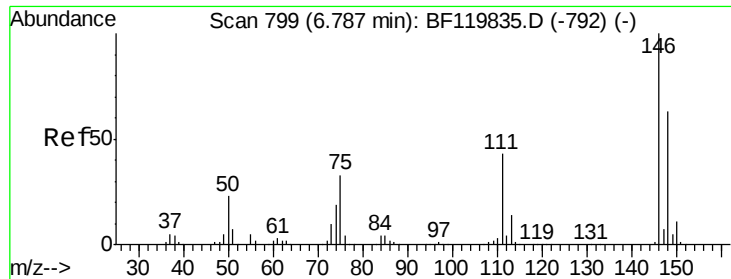
mohammad
4/16/2020 12:52:45 PM



#12
1,3-Dichlorobenzene
Concen: 43.807 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	51.3	76.9
75	32.7	25.3	37.9





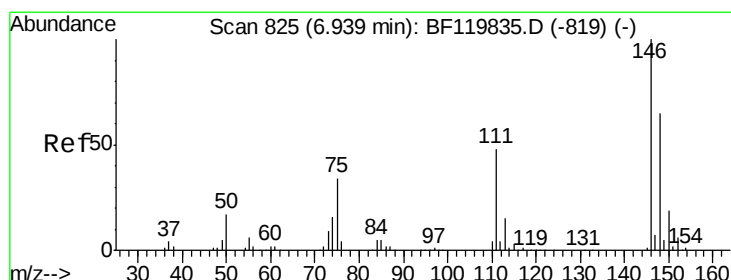
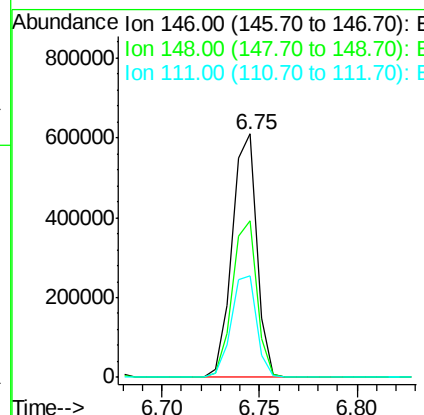
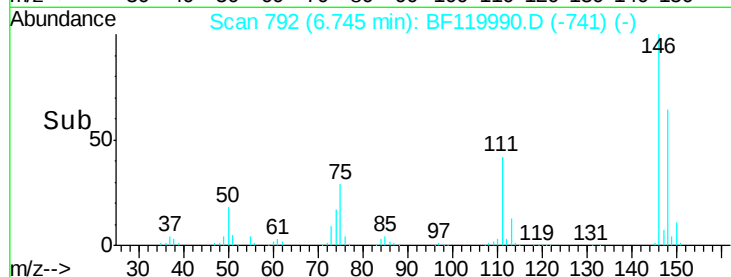
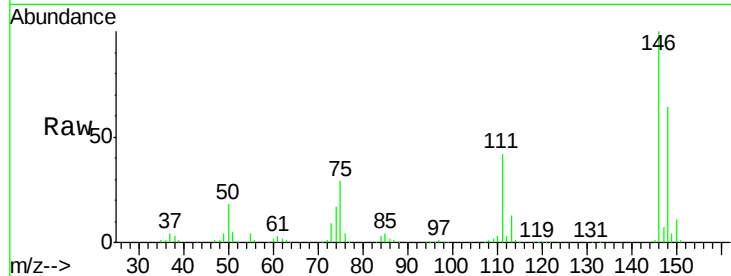
#13
 1,4-Dichlorobenzene
 Concen: 42.928 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.5	75.7
111	41.6	34.7	52.1

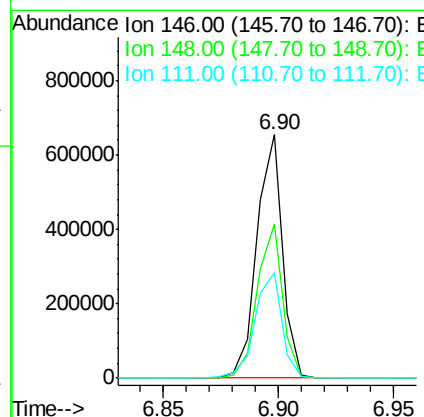
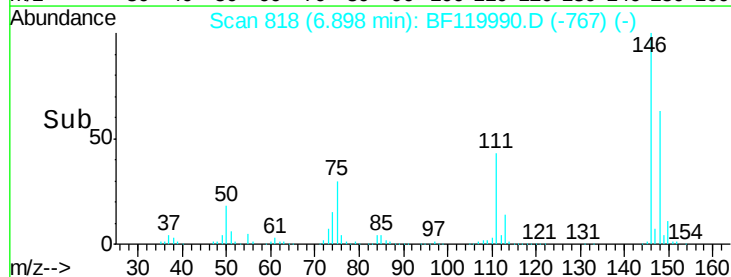
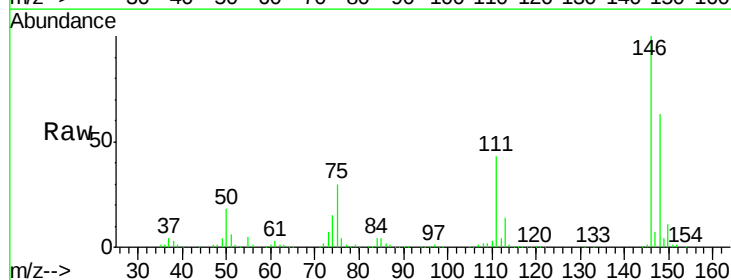
Manual Integrations
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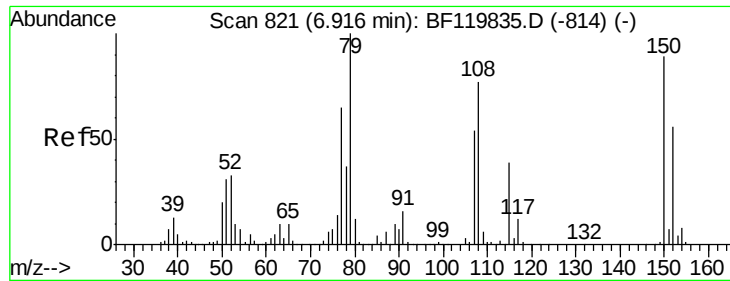
mohammad
 4/16/2020 12:52:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.931 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
111	43.5	38.0	57.0





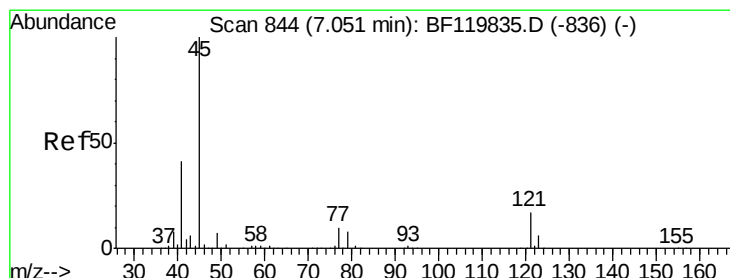
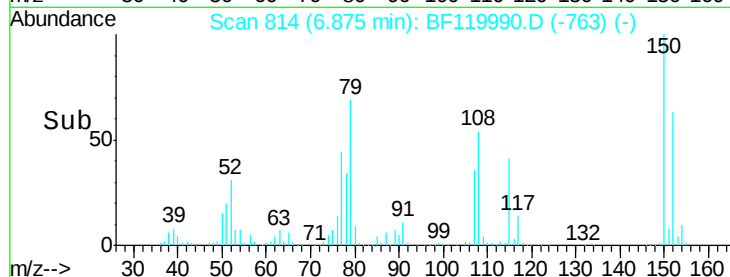
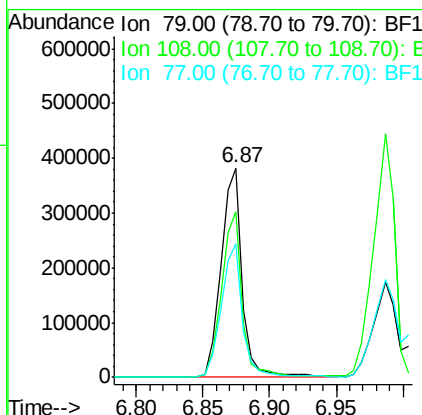
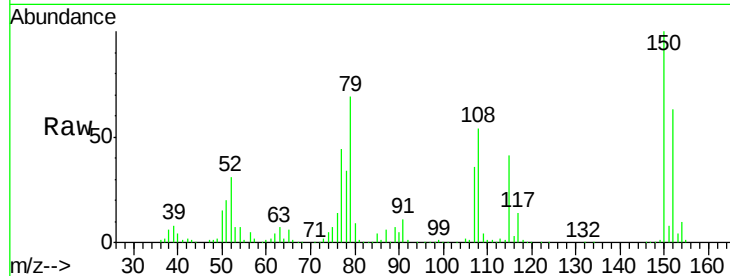
#15
Benzyl Alcohol
Concen: 42.576 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion: 79 Resp: 428303
Ion Ratio Lower Upper
79 100
108 79.0 62.0 93.0
77 64.1 51.8 77.6

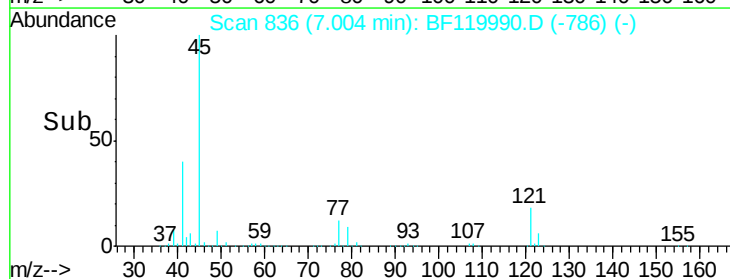
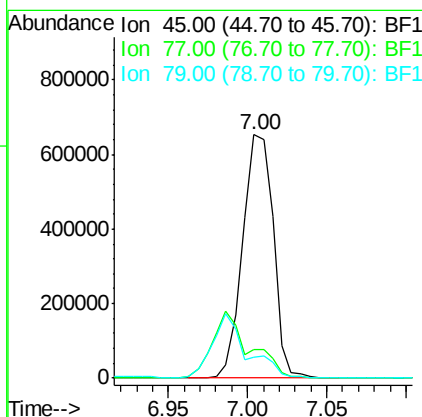
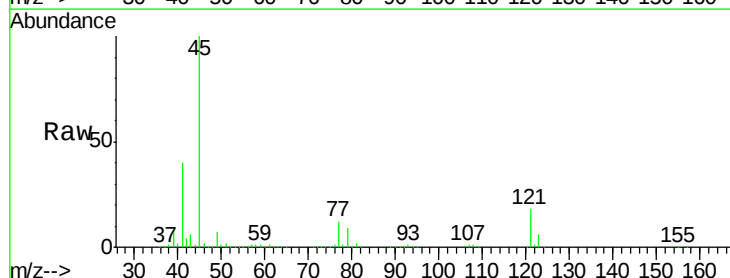
Manual Integrations
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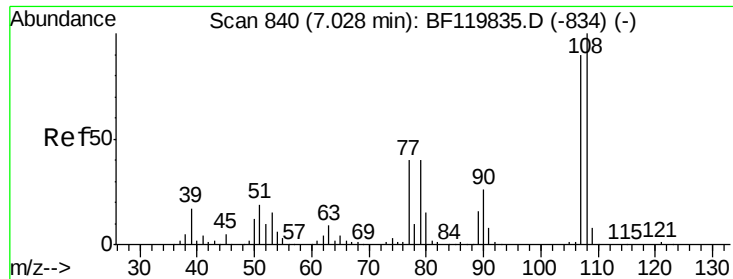
mohammad
4/16/2020 12:52:45 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.782 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion: 45 Resp: 878284
Ion Ratio Lower Upper
45 100
77 12.0 0.0 30.7
79 8.7 0.0 28.6





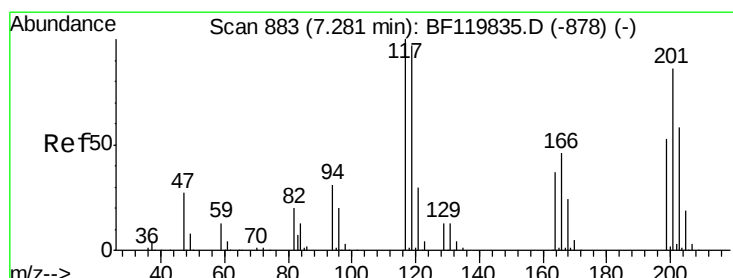
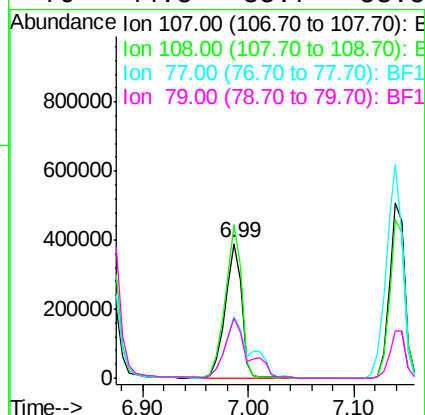
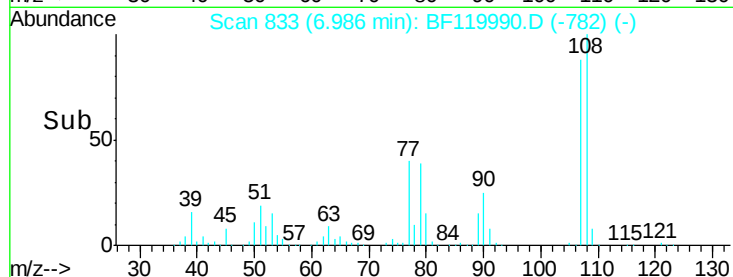
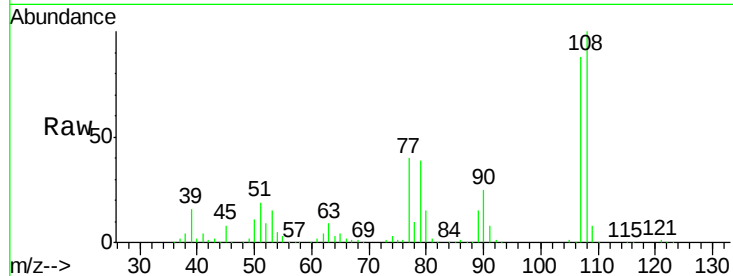
#17
2-Methylphenol
Concen: 42.825 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	429215		
108	114.1	88.8	133.2	
77	45.9	36.0	54.0	
79	44.8	35.7	53.5	

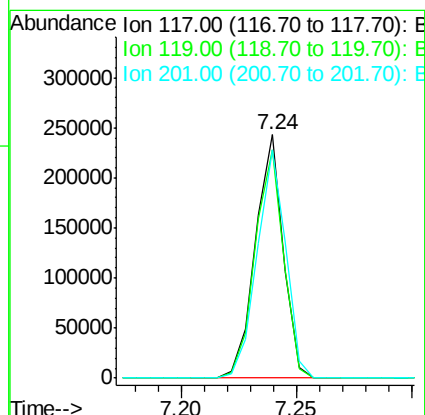
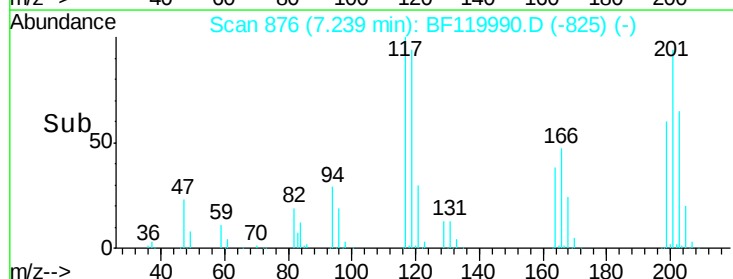
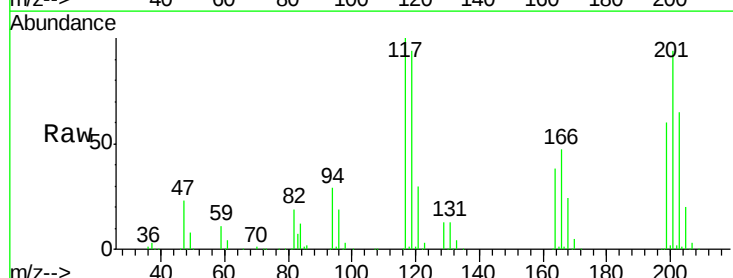
Manual Integrations
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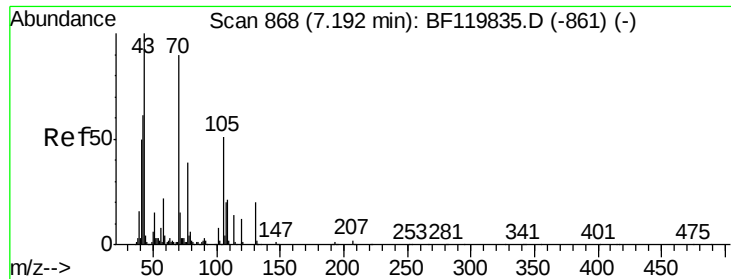
mohammad
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#18
Hexachloroethane
Concen: 43.631 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	204232		
119	93.7	77.4	116.0	
201	93.6	68.4	102.6	





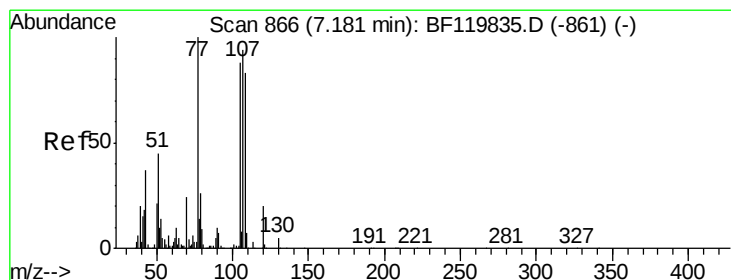
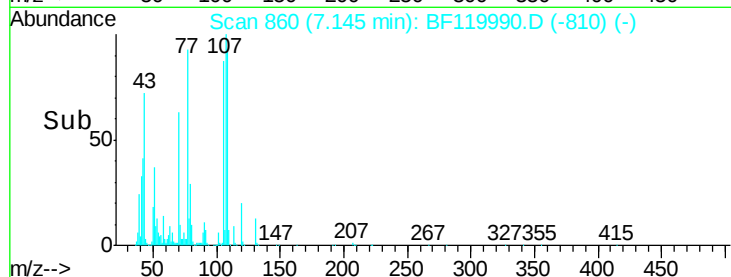
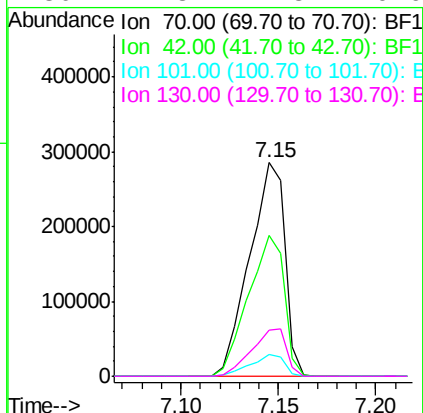
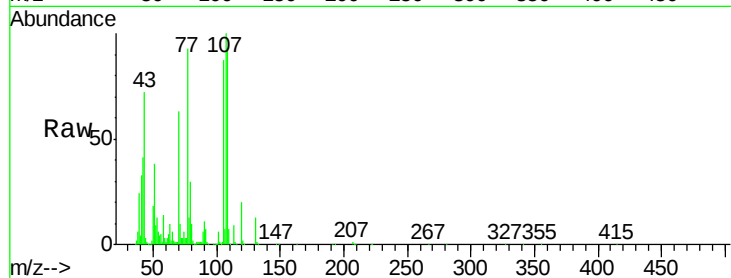
#19
n-Nitroso-di-n-propylamine
Concen: 42.894 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	65.7	54.2	81.4		
101	9.9	7.4	11.2		
130	21.3	17.8	26.6		

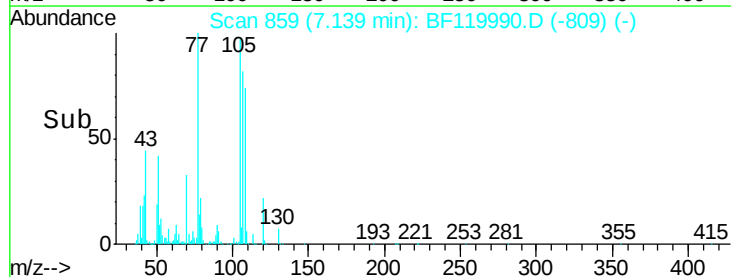
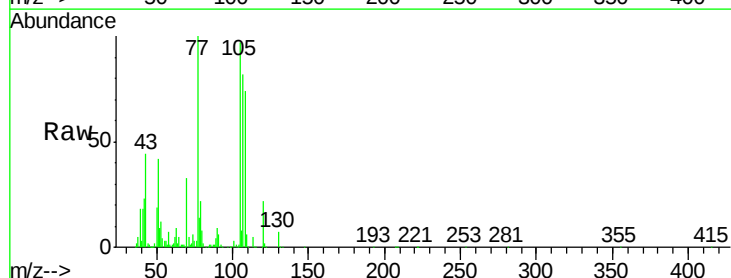
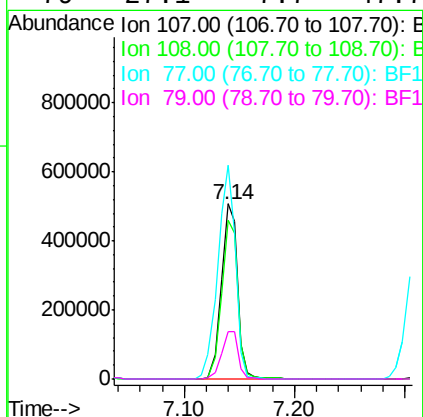
Manual Integrations
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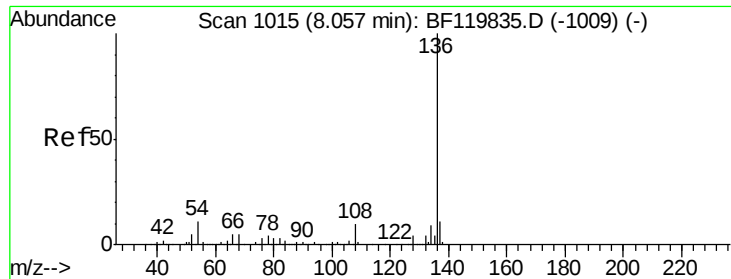
mohammad
4/16/2020 12:52:45 PM



#20
3+4-Methylphenols
Concen: 42.258 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.3	68.2	108.2		
77	121.8	86.6	126.6		
79	27.1	7.7	47.7		





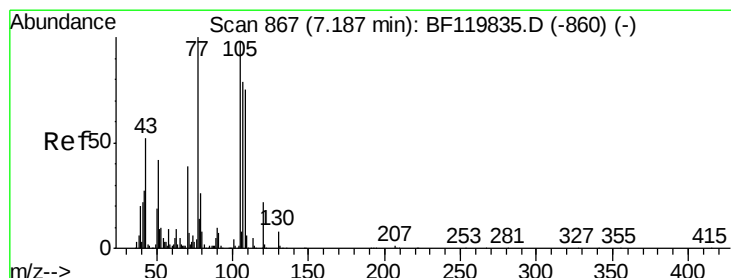
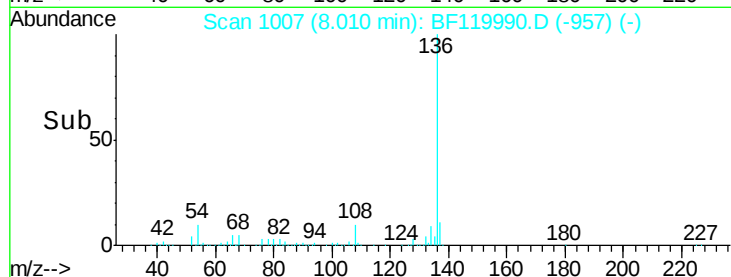
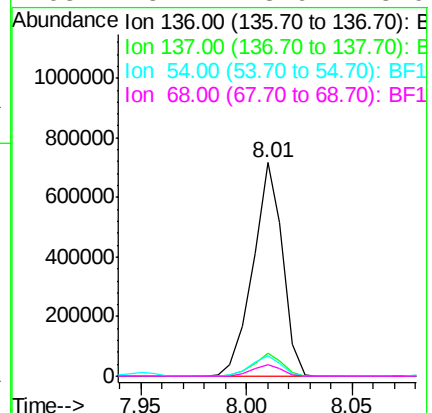
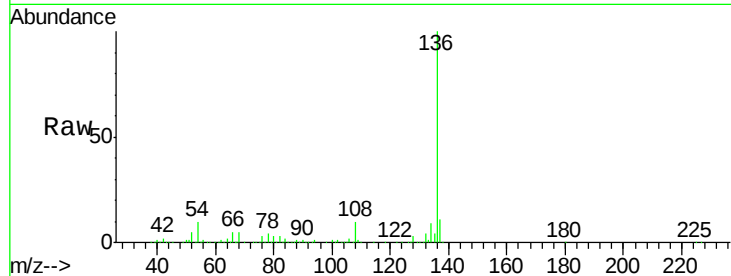
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	693228		
137	10.8		8.7	13.1
54	9.6		8.5	12.7
68	5.4		3.9	5.9

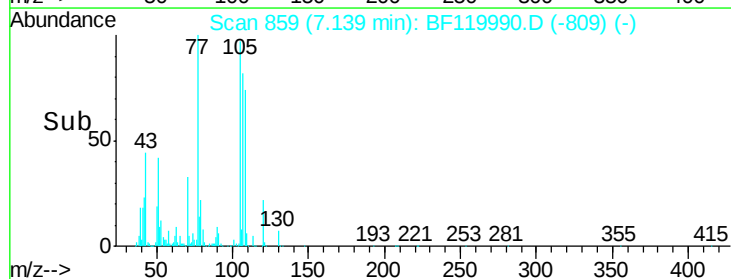
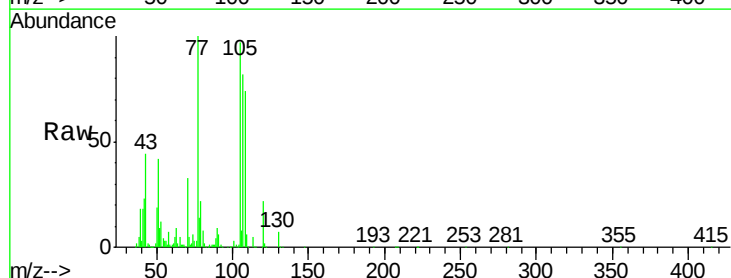
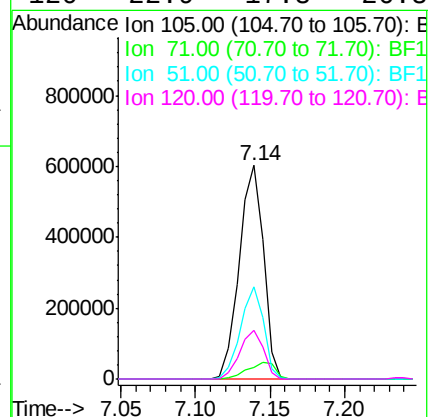
Manual Integrations
APPROVED

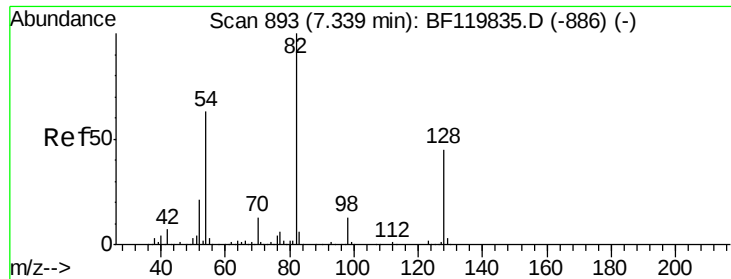
mohammad
4/16/2020 12:52:45 PM



#22
Acetophenone
Concen: 42.447 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	689048		
71	5.5		5.6	8.4#
51	42.9		33.9	50.9
120	22.9		17.8	26.8





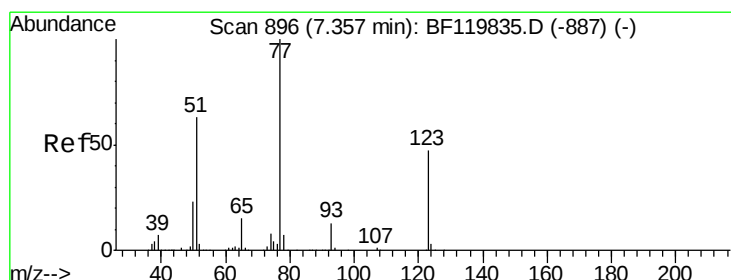
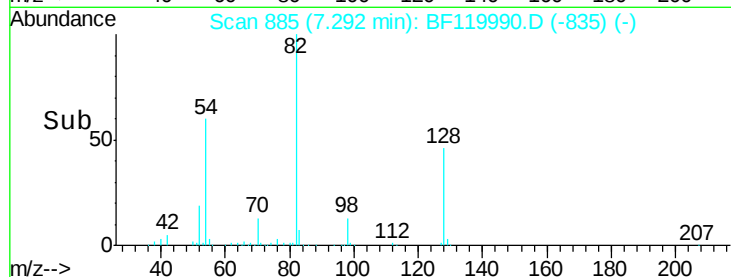
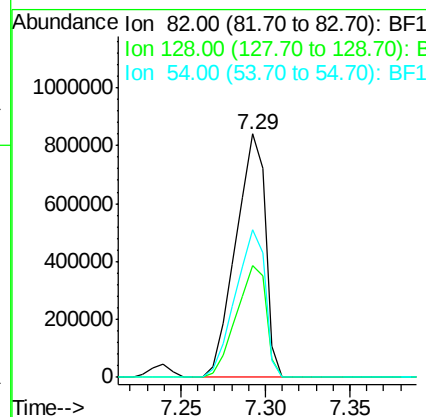
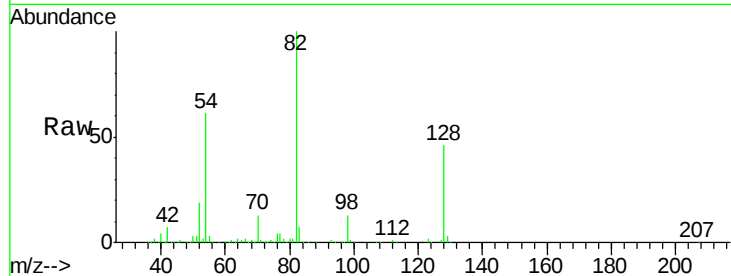
#23
Nitrobenzene-d5
Concen: 76.676 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion: 82 Resp: 1027449
Ion Ratio Lower Upper
82 100
128 46.0 36.2 54.4
54 60.6 50.4 75.6

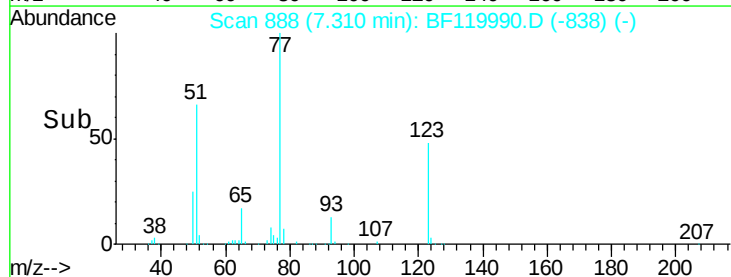
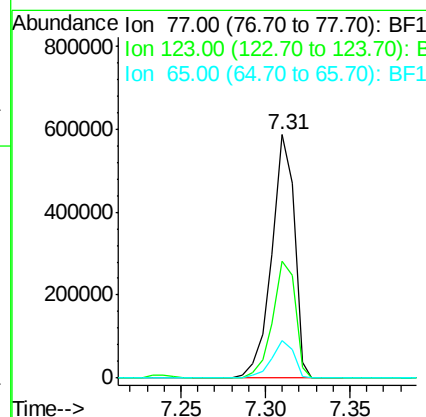
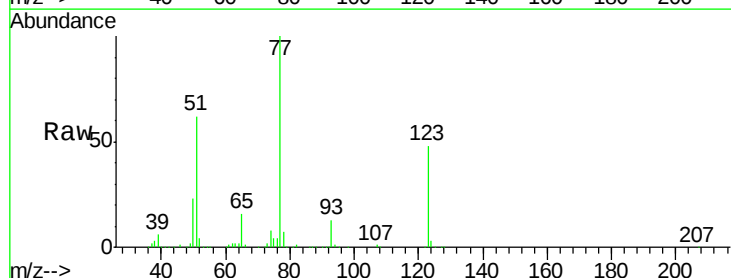
Manual Integrations
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mohammad
4/16/2020 12:52:45 PM



#24
Nitrobenzene
Concen: 40.483 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion: 77 Resp: 545711
Ion Ratio Lower Upper
77 100
123 48.1 37.8 56.8
65 15.5 12.2 18.2





#25

Isophorone

Concen: 39.320 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion: 82 Resp: 1015673

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

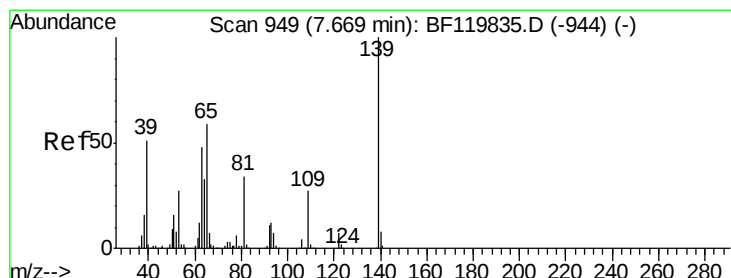
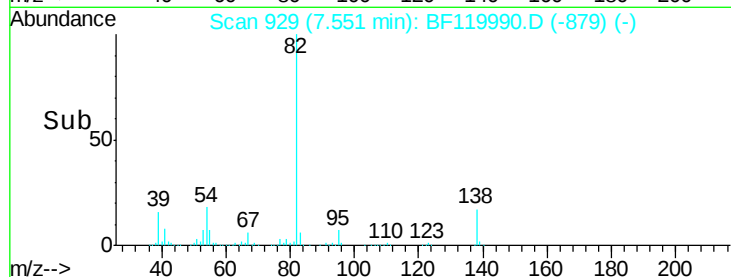
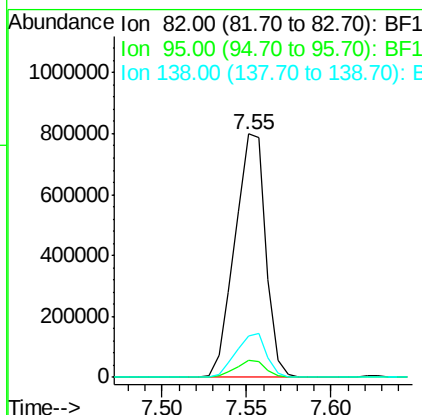
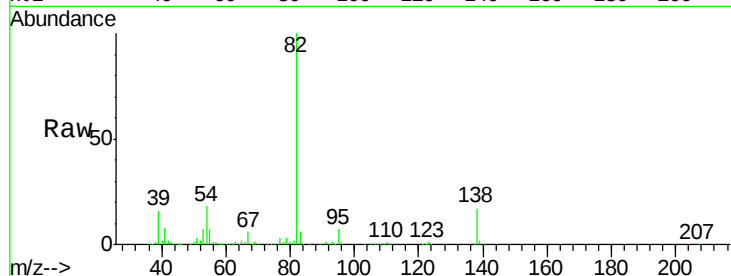
138 17.2 14.5 21.7

Manual Integrations

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mohammad

4/16/2020 12:52:45 PM



#26

2-Nitrophenol

Concen: 42.489 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

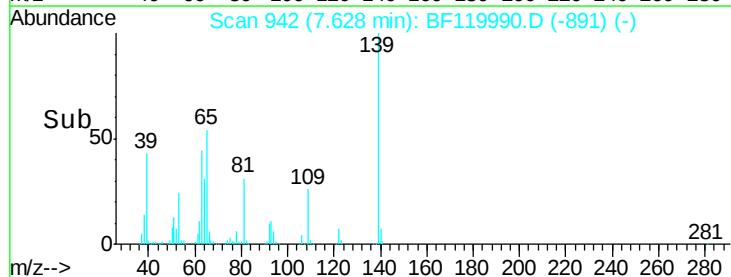
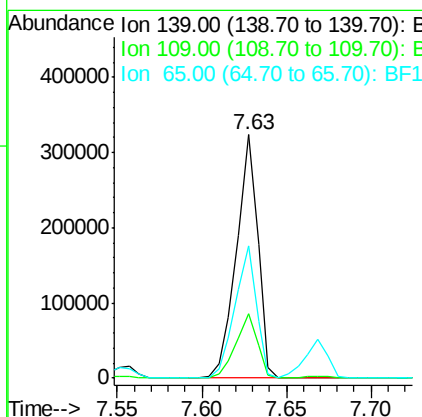
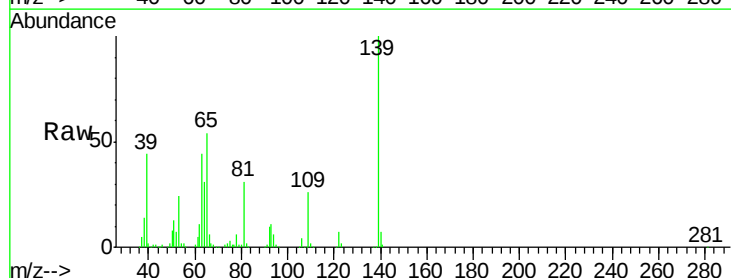
Tgt Ion: 139 Resp: 286145

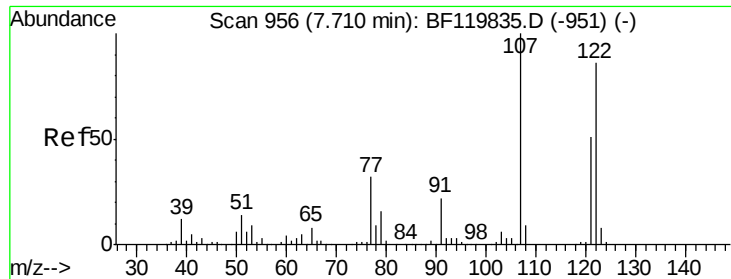
Ion Ratio Lower Upper

139 100

109 26.3 21.8 32.6

65 54.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 42.949 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

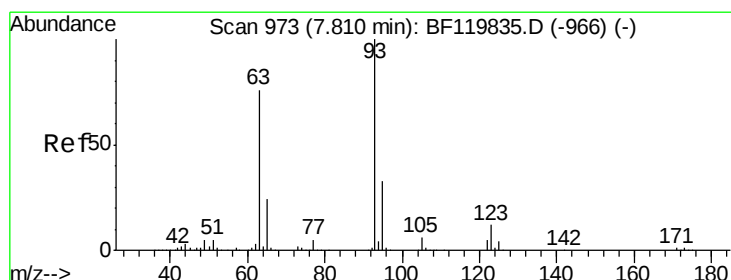
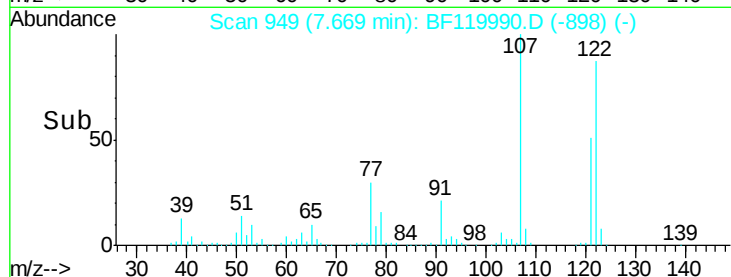
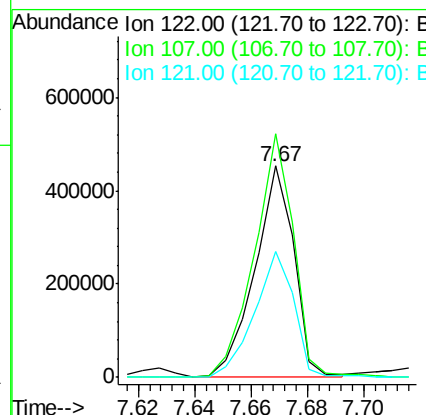
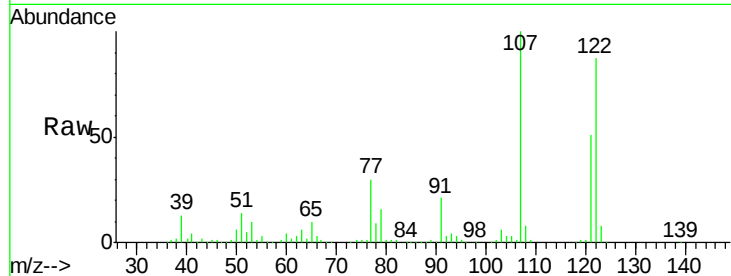
ClientSampleId :

PB128205BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		436235		
107	115.1	92.3	138.5		
121	59.2	46.6	70.0		

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#28

bis(2-Chloroethoxy)methane

Concen: 42.444 ng

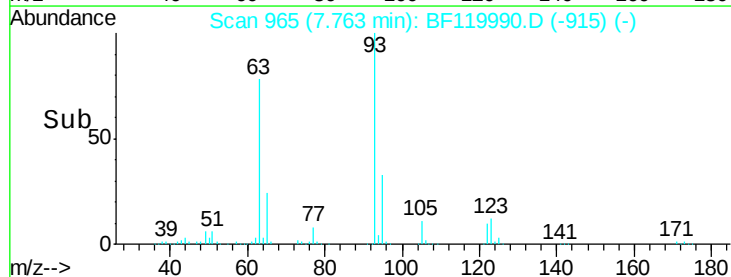
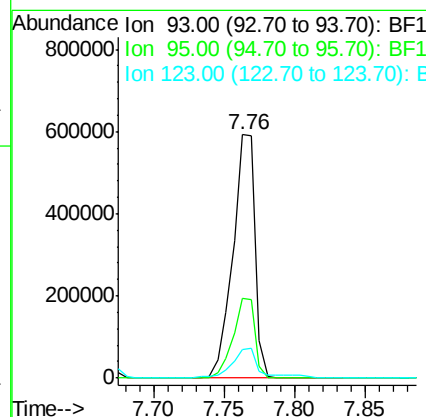
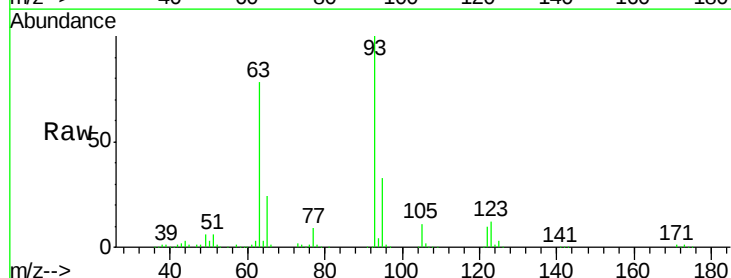
RT: 7.76 min Scan# 965

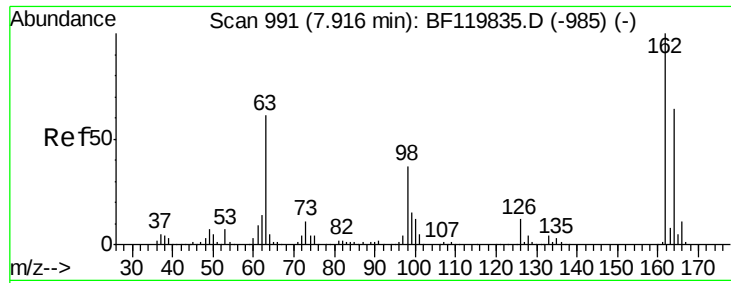
Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		645154		
95	32.8	26.4	39.6		
123	11.5	9.7	14.5		





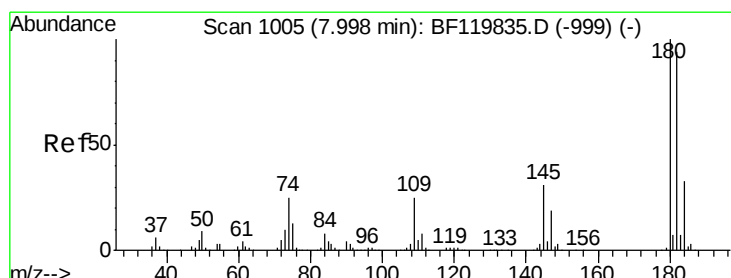
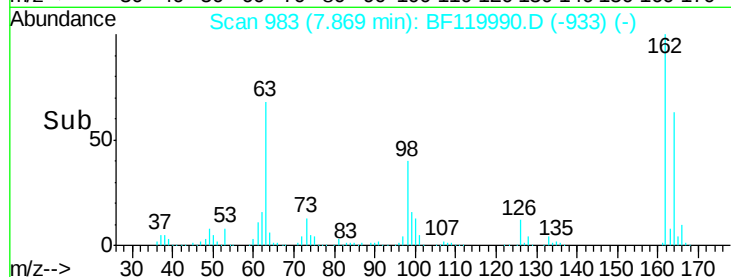
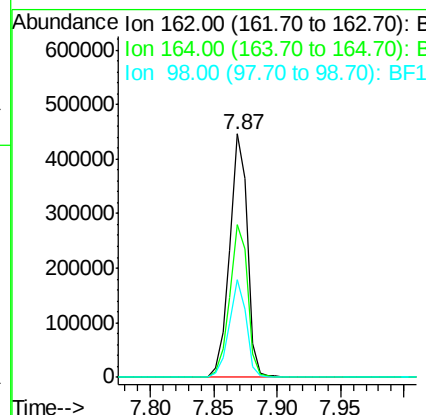
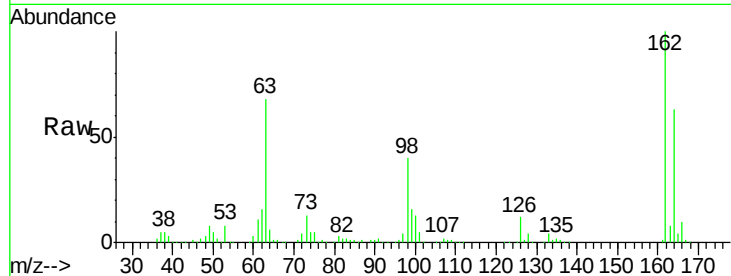
#29
2,4-Dichlorophenol
Concen: 41.784 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	44.4	84.4
98	40.0	17.3	57.3

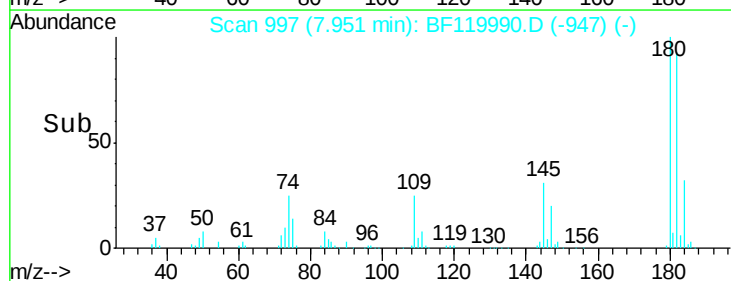
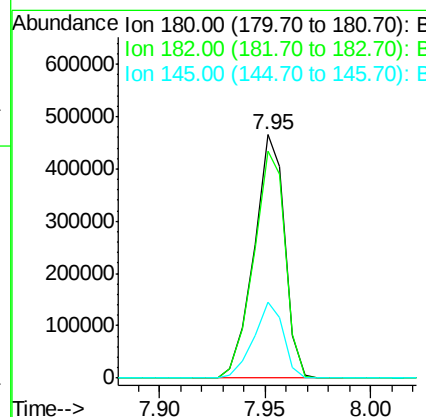
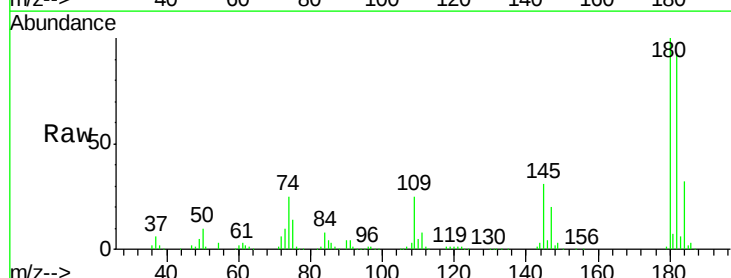
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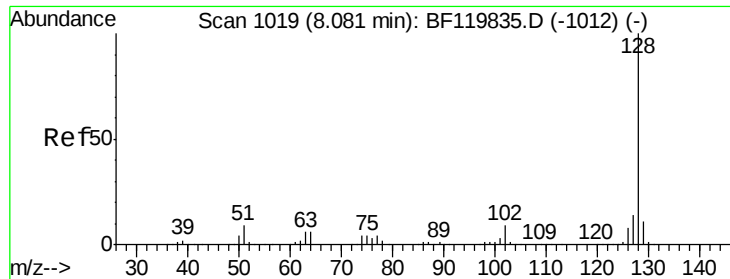
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#30
1,2,4-Trichlorobenzene
Concen: 39.826 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.0	75.4	113.0
145	30.9	24.6	37.0





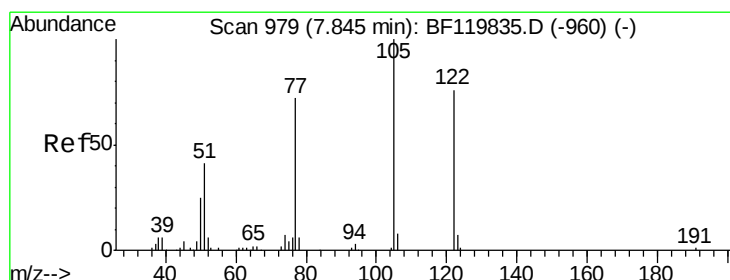
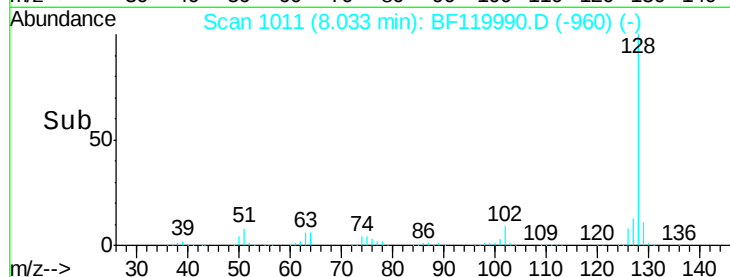
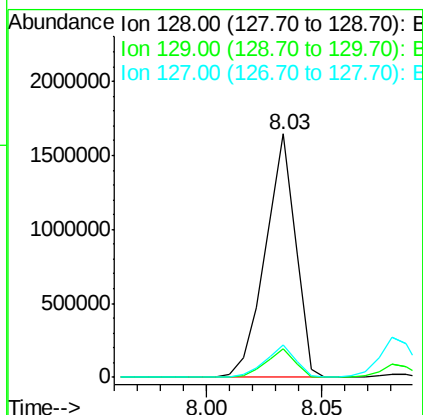
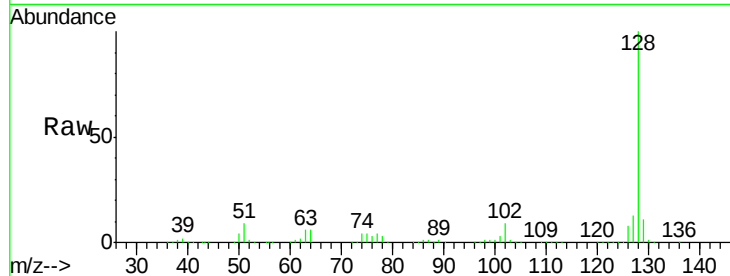
#31
Naphthalene
Concen: 41.088 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion:128 Resp: 1498582
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.3 11.0 16.4

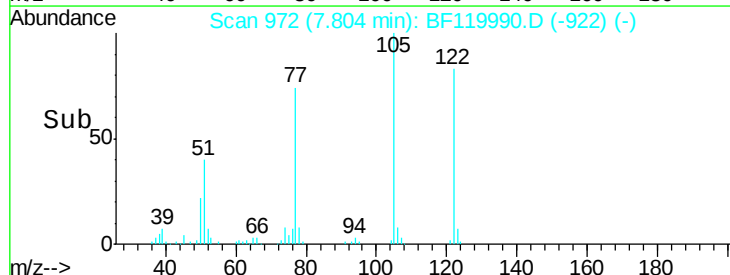
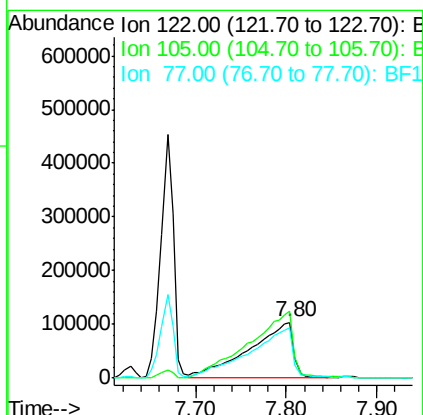
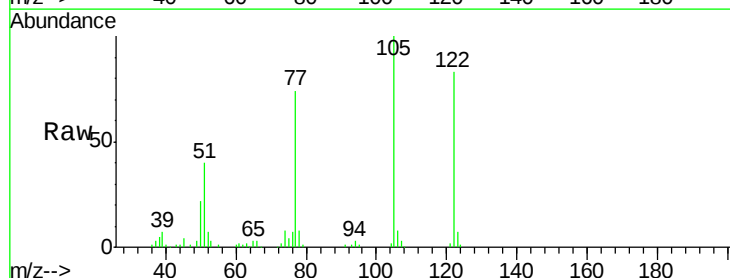
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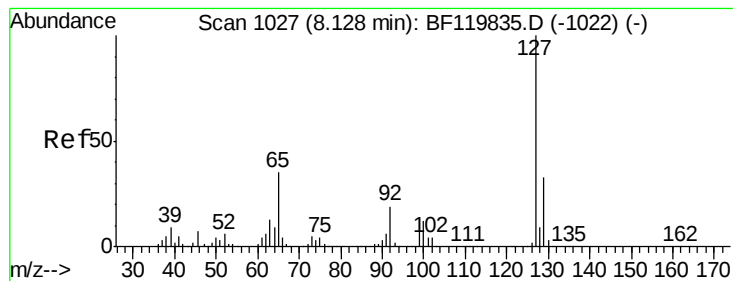
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#32
Benzoic acid
Concen: 39.088 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion:122 Resp: 348676
Ion Ratio Lower Upper
122 100
105 119.8 106.7 146.7
77 89.2 72.1 112.1





#33

4-Chloroaniline

Concen: 18.181 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

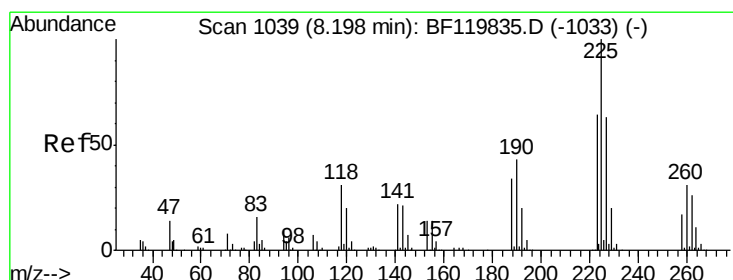
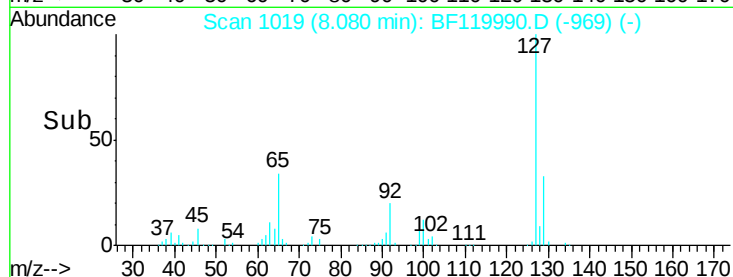
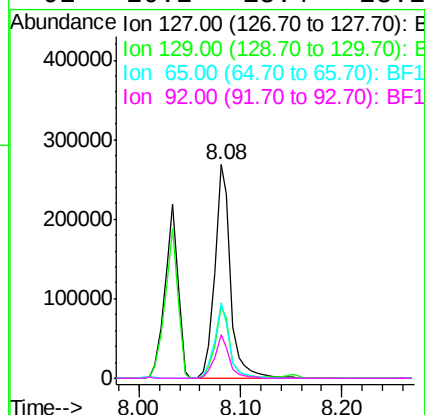
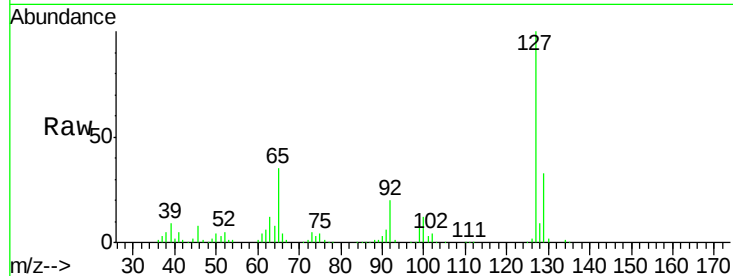
ClientSampleId :

PB128205BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		288679		
129	33.3	26.2	39.2		
65	35.5	28.3	42.5		
92	20.2	15.4	23.2		

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#34

Hexachlorobutadiene

Concen: 38.259 ng

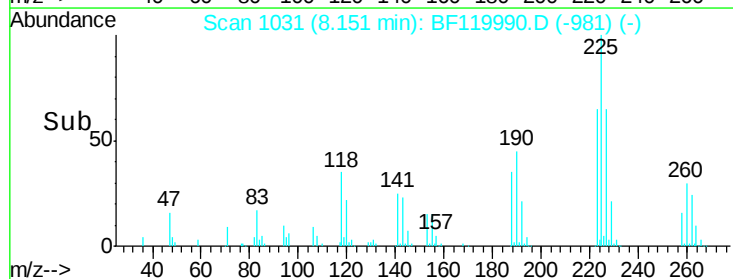
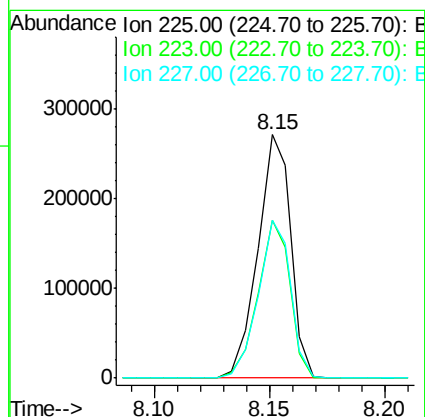
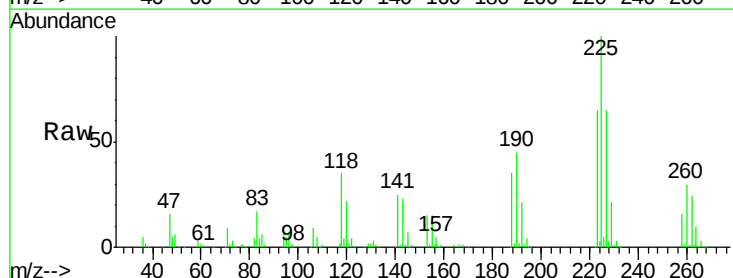
RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		270165		
223	64.8	51.0	76.6		
227	64.9	50.4	75.6		





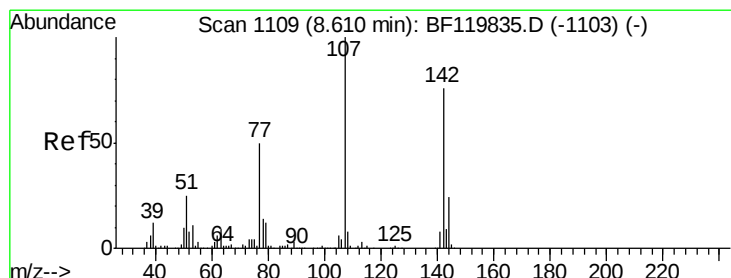
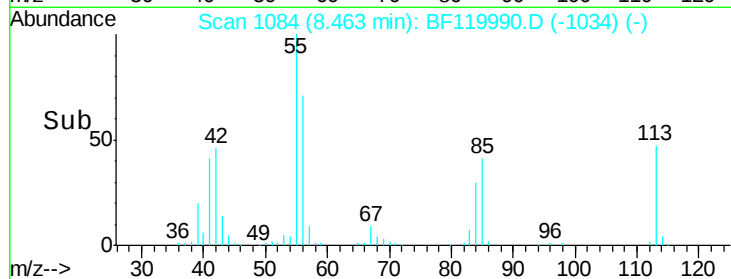
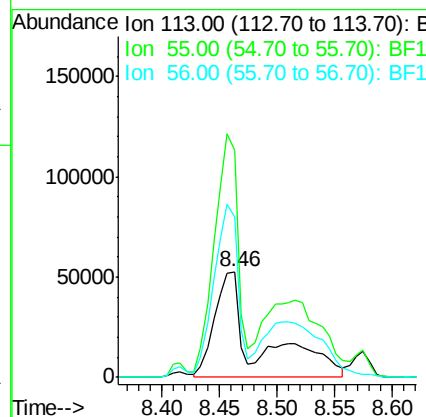
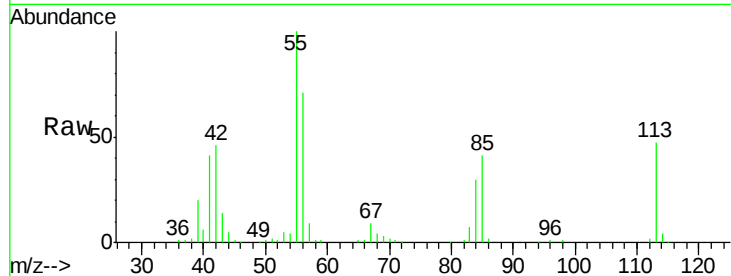
#35
Caprolactam
Concen: 43.120 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.8	192.7	232.7
56	152.3	133.3	173.3

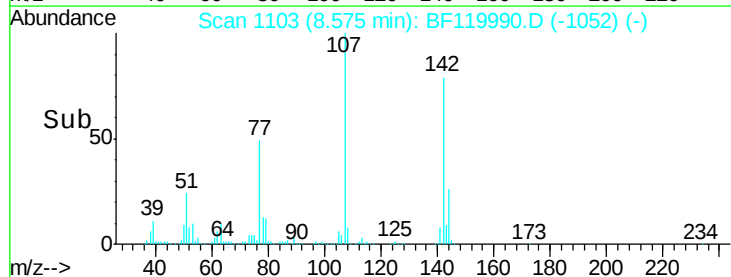
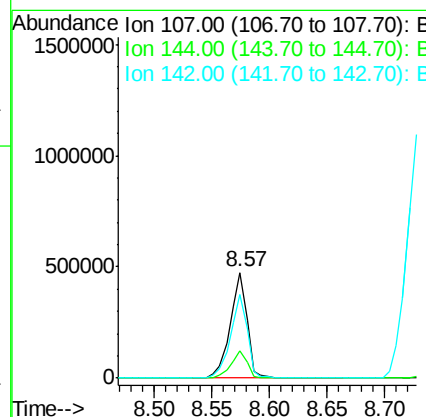
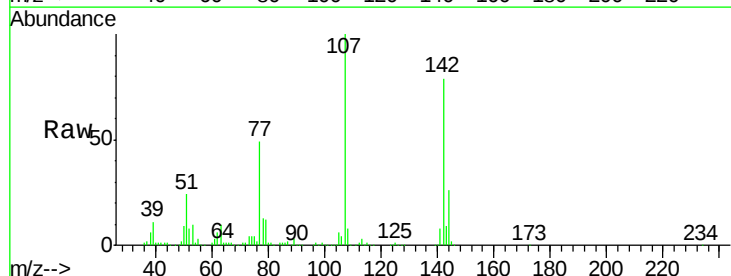
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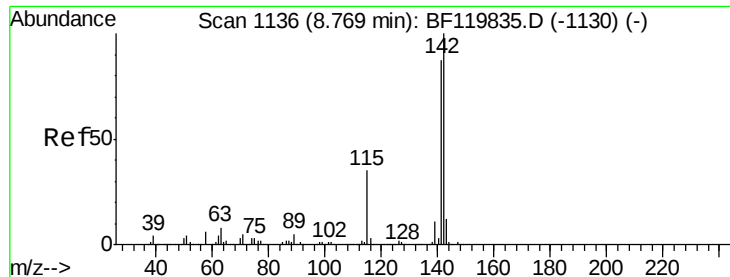
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#36
4-Chloro-3-methylphenol
Concen: 42.438 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.5	29.3
142	78.8	60.5	90.7





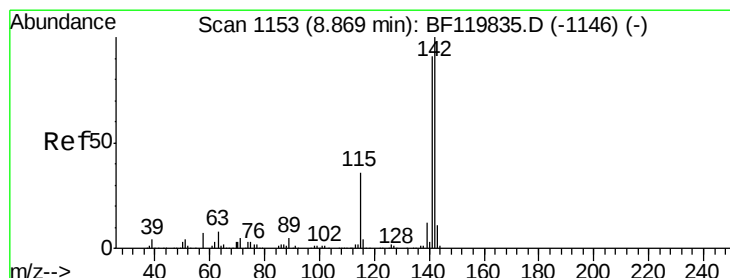
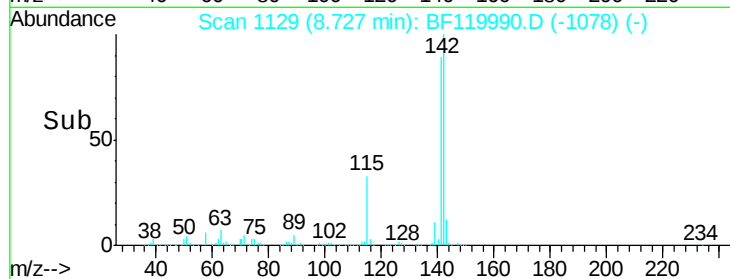
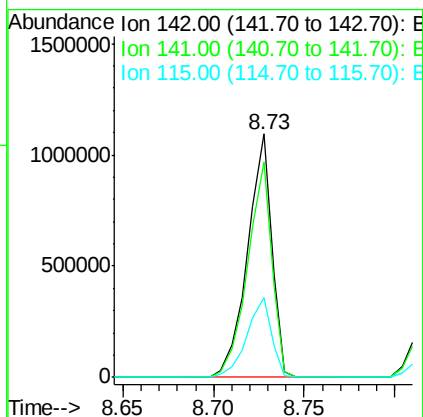
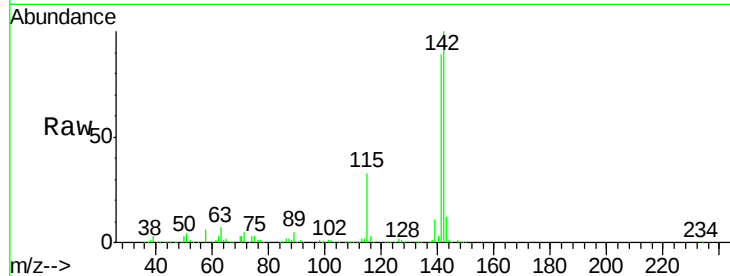
#37
2-Methylnaphthalene
Concen: 41.243 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampled :
PB128205BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.9	104.9
115	32.6	28.0	42.0

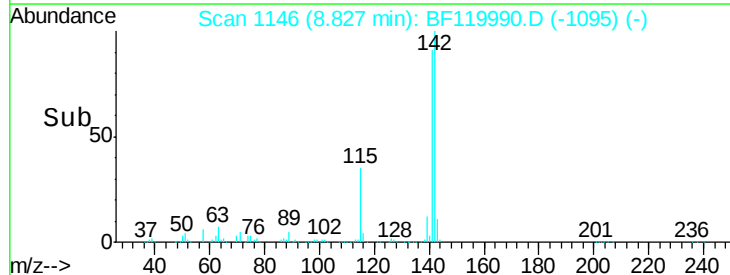
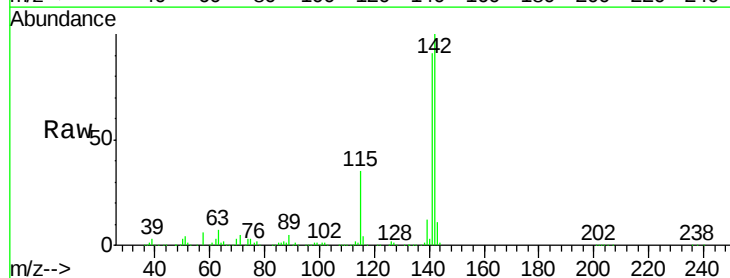
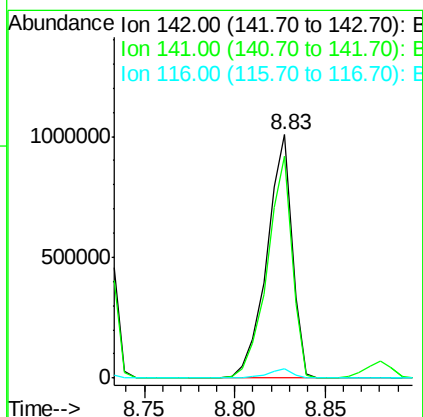
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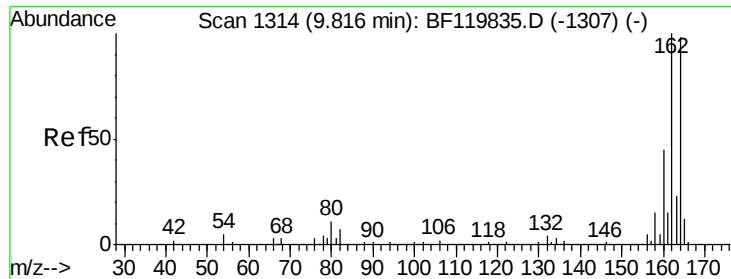
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#38
1-Methylnaphthalene
Concen: 41.751 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.9	109.3
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:164 Resp: 359739

Ion Ratio Lower Upper

164 100

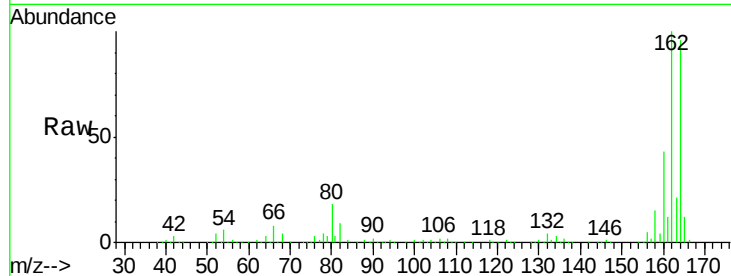
162 103.9 81.9 122.9

160 44.7 36.6 54.8

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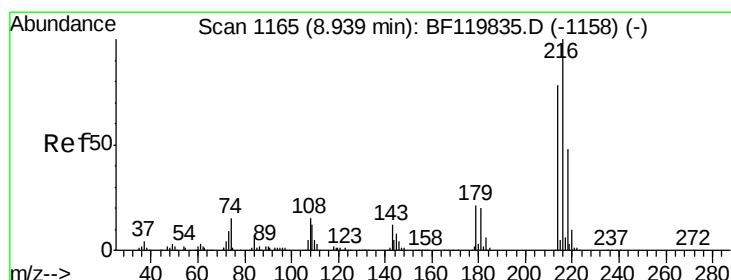
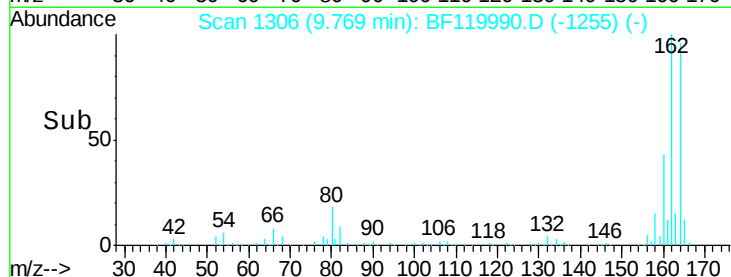
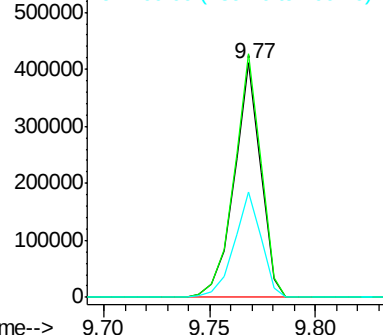
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.306 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:216 Resp: 446600

Ion Ratio Lower Upper

216 100

214 80.1 63.1 94.7

179 20.9 17.0 25.4

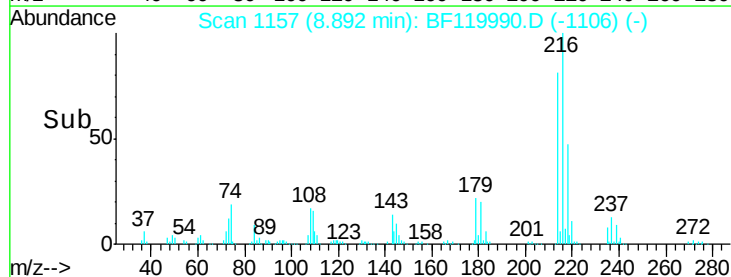
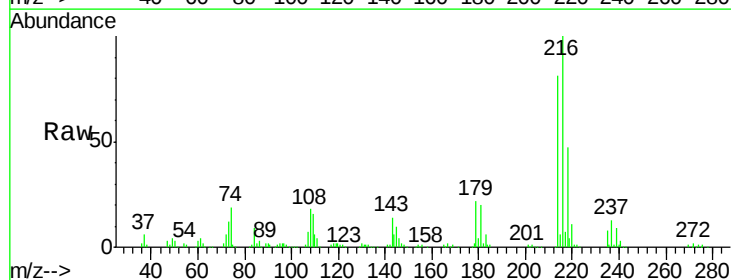
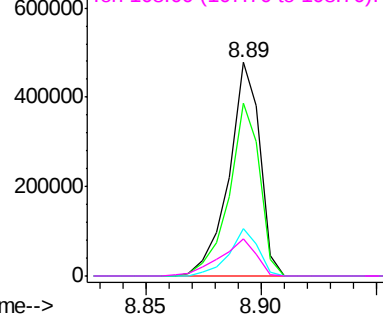
108 20.2 14.8 22.2

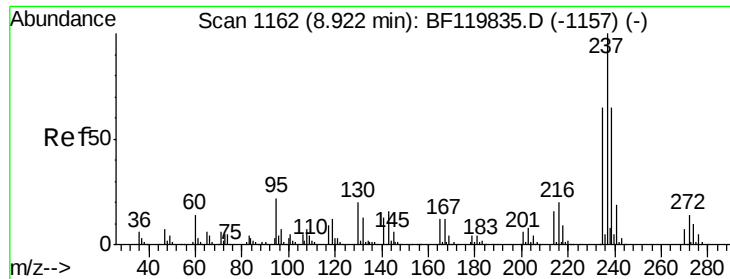
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.098 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

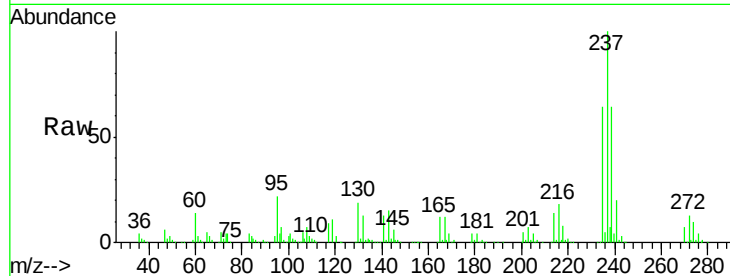
ClientSampleId :

PB128205BS

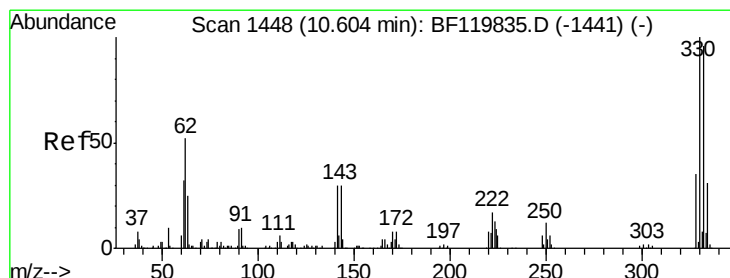
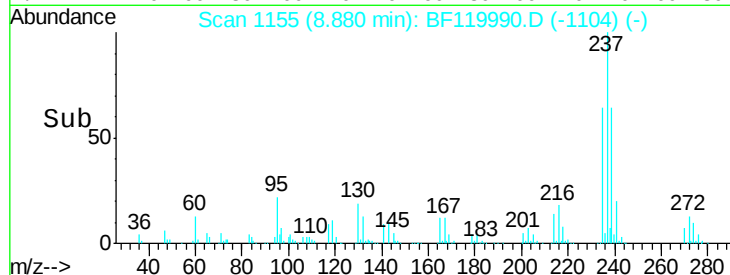
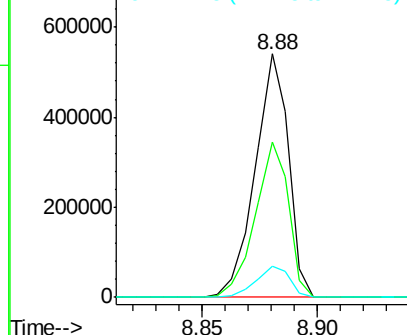
Tot Ion:	237	Resp:	543349
Ion Ratio	Lower	Upper	
237	100		
235	63.7	44.9	84.9
272	12.8	0.0	33.6

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



#42

2,4,6-Tribromophenol

Concen: 104.230 ng

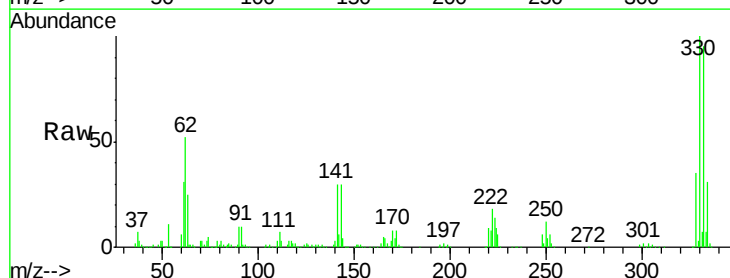
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

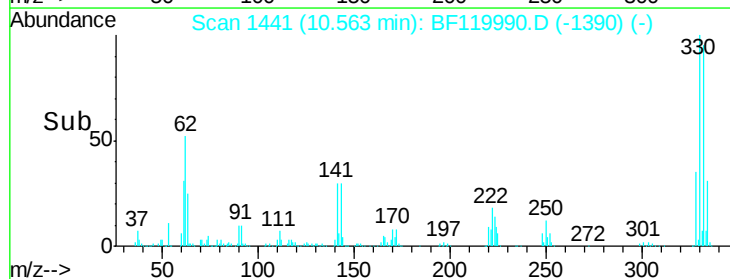
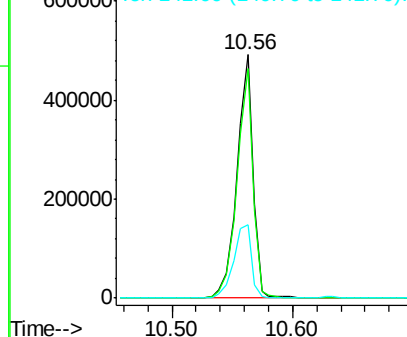
Lab File: BF119990.D

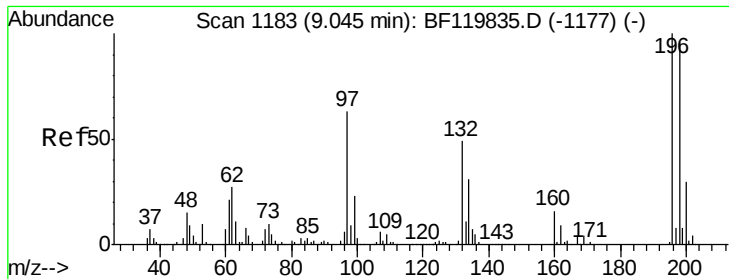
Acq: 15 Apr 2020 13:39

Tgt Ion:	330	Resp:	459073
Ion Ratio	Lower	Upper	
330	100		
332	94.3	76.8	115.2
141	33.7	25.1	37.7



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





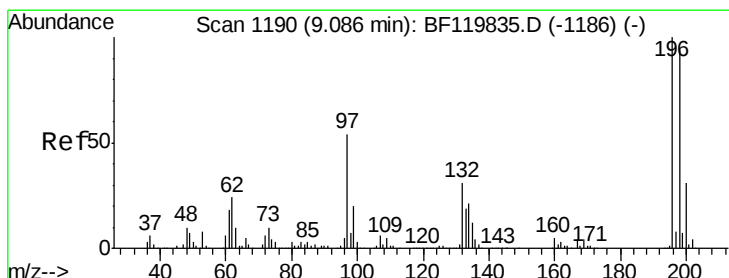
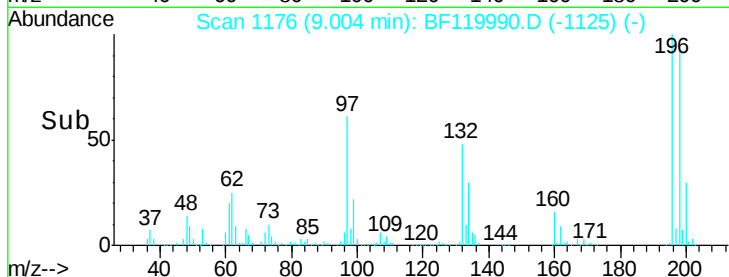
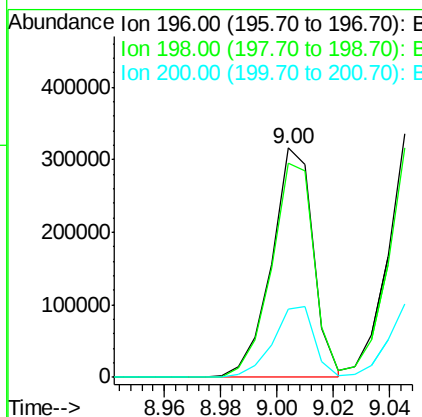
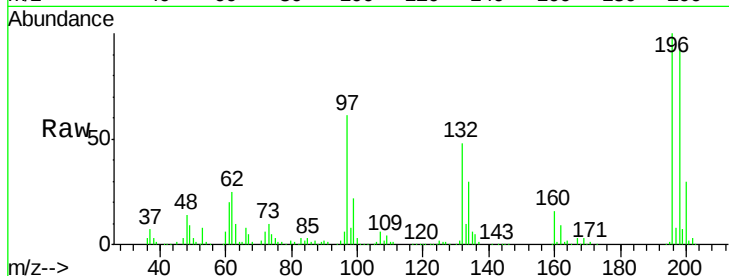
#43
 2,4,6-Trichlorophenol
 Concen: 41.130 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion:	196	Resp:	322704
Ion Ratio	Lower	Upper	
196	100		
198	93.4	76.6	115.0
200	29.9	24.2	36.2

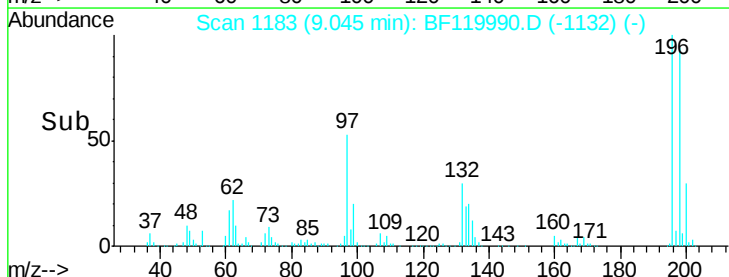
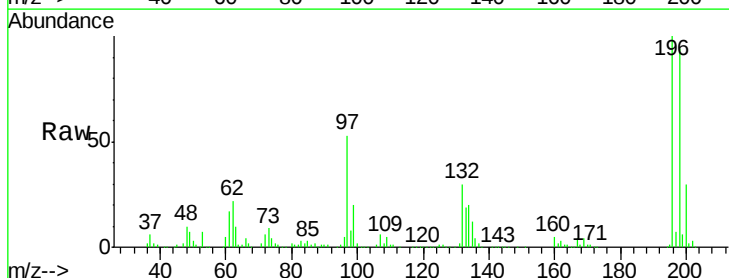
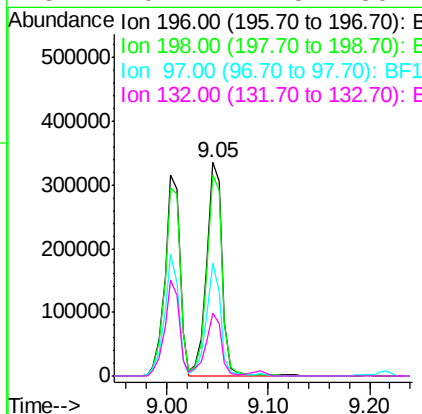
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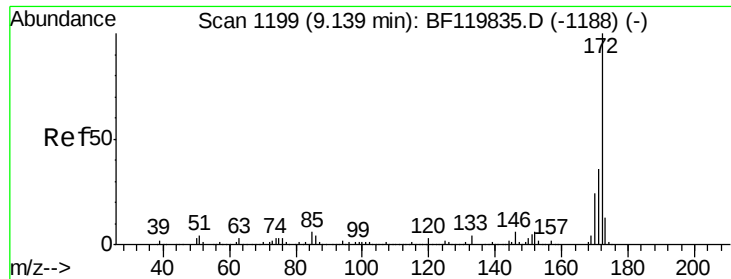
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#44
 2,4,5-Trichlorophenol
 Concen: 40.003 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion:	196	Resp:	353504
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.1	112.7
97	52.5	43.4	65.2
132	29.7	24.5	36.7





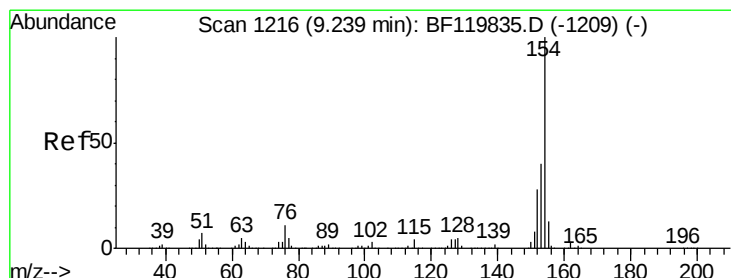
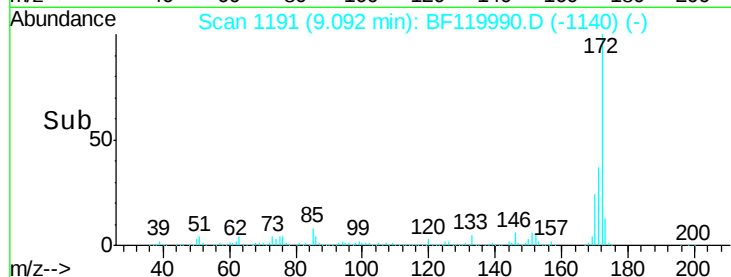
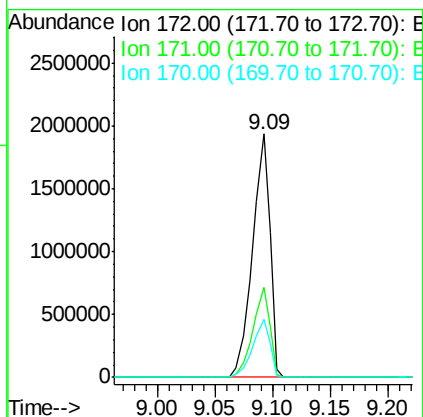
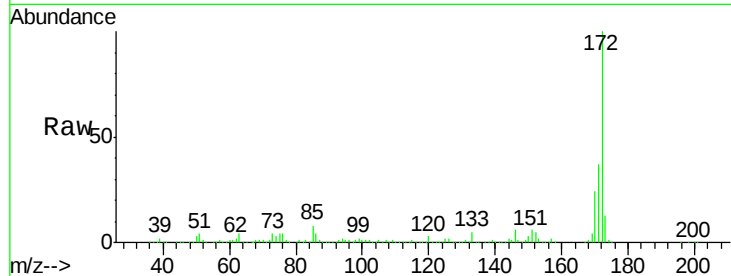
#45
2-Fluorobiphenyl
Concen: 79.990 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	23.9	19.4	29.2

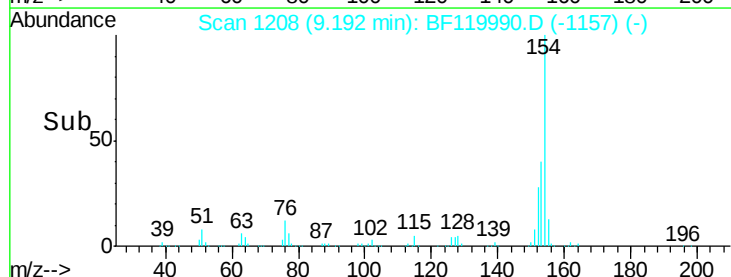
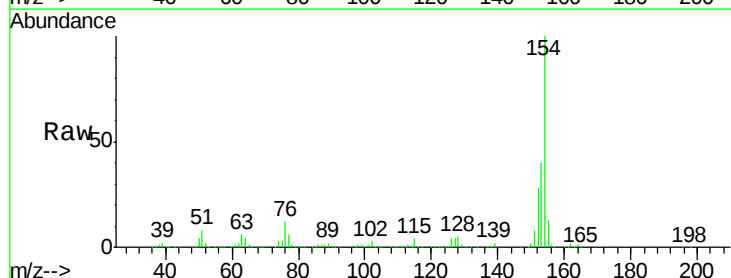
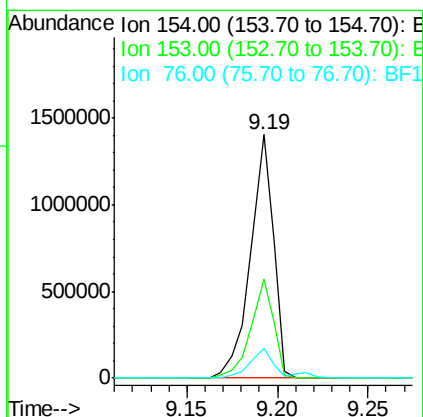
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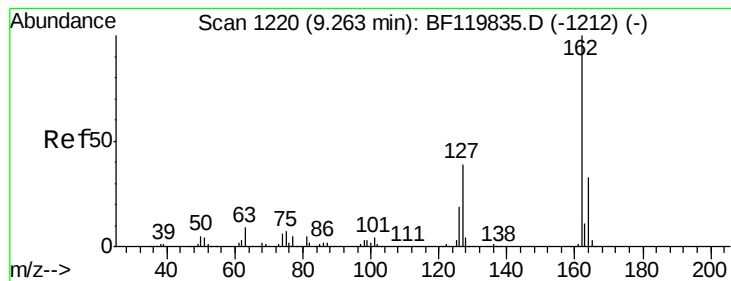
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#46
1,1'-Biphenyl
Concen: 40.930 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	12.5	0.0	30.6





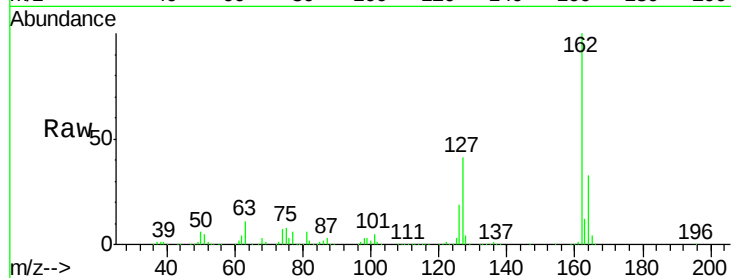
#47
 2-Chloronaphthalene
 Concen: 41.365 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

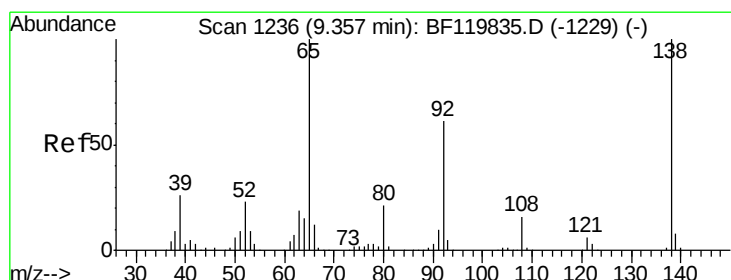
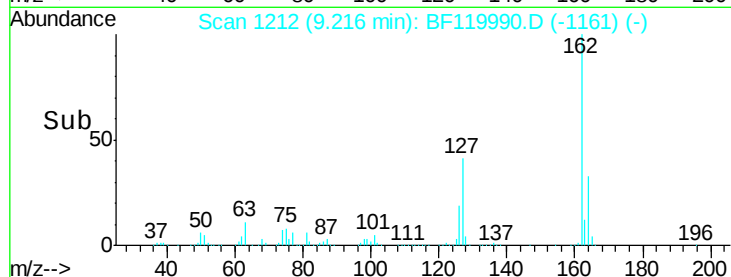
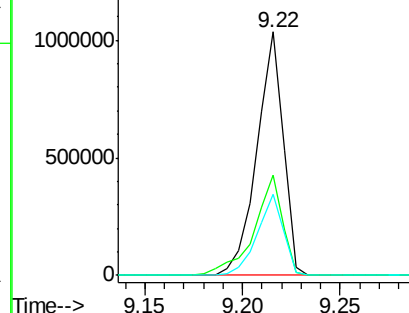
Tot Ion	Ratio	Resp	Lower	Upper
162	100	967570		
127	41.0		31.2	46.8
164	33.4		26.3	39.5

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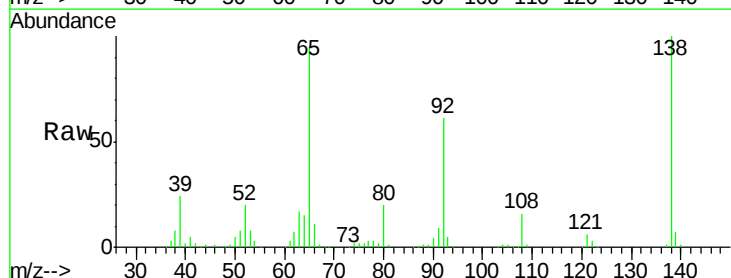


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

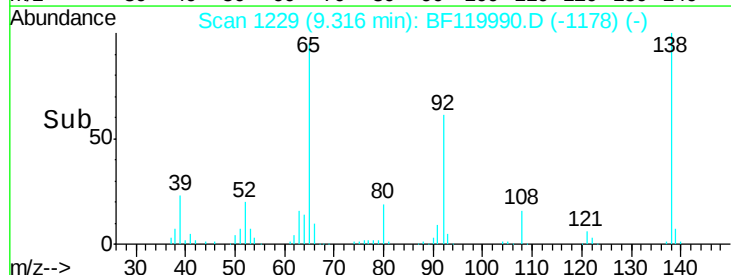
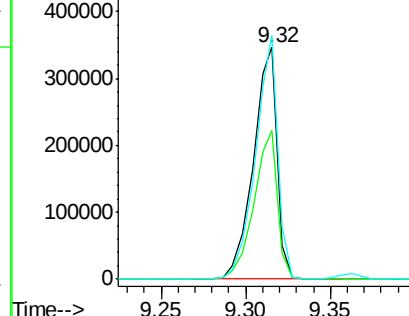


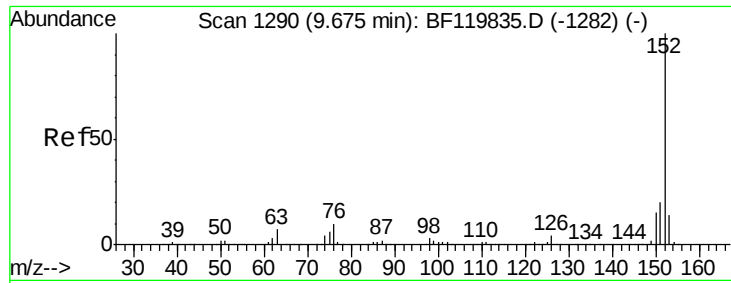
#48
 2-Nitroaniline
 Concen: 40.038 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	339381		
92	64.4		49.0	73.6
138	105.0		79.7	119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





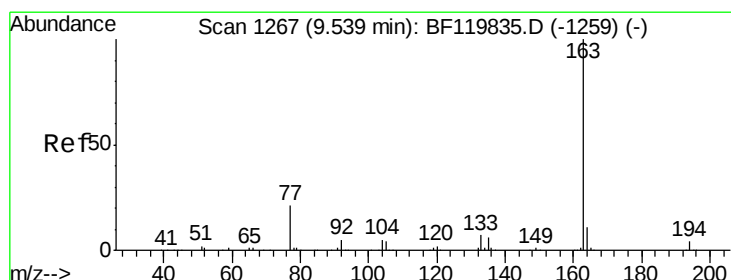
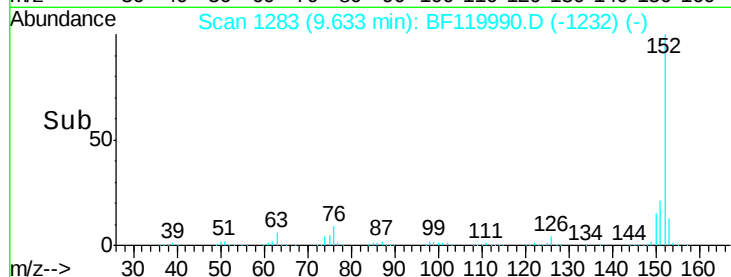
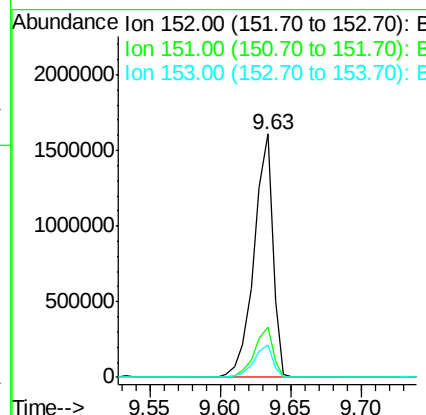
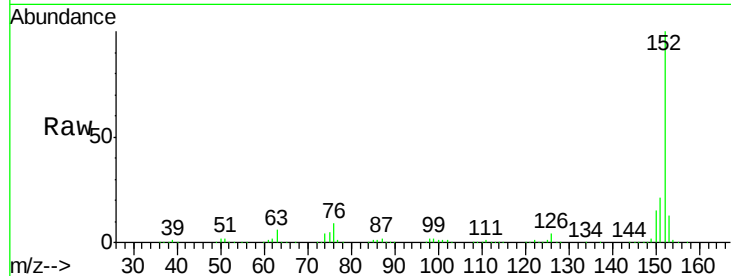
#49
Acenaphthylene
Concen: 42.446 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.2	10.9	16.3

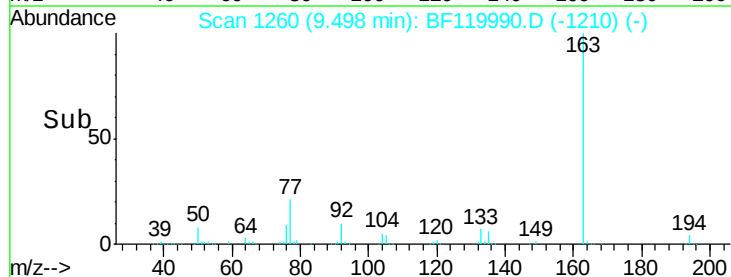
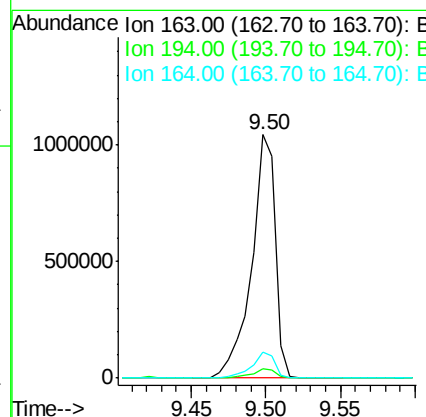
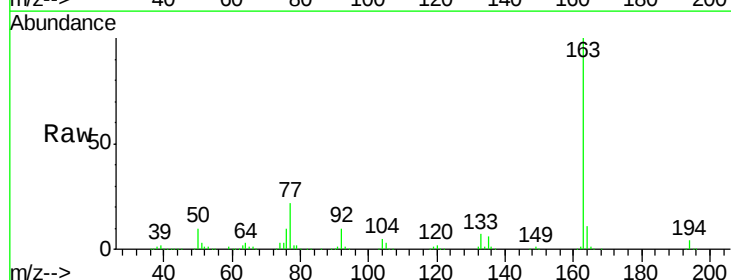
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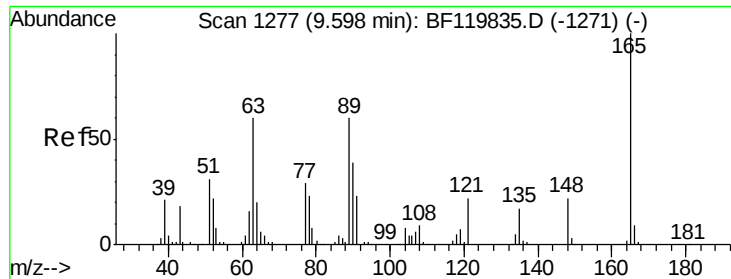
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#50
Dimethylphthalate
Concen: 40.786 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	10.6	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 41.538 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

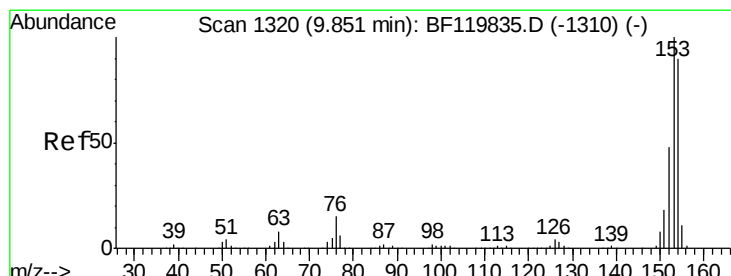
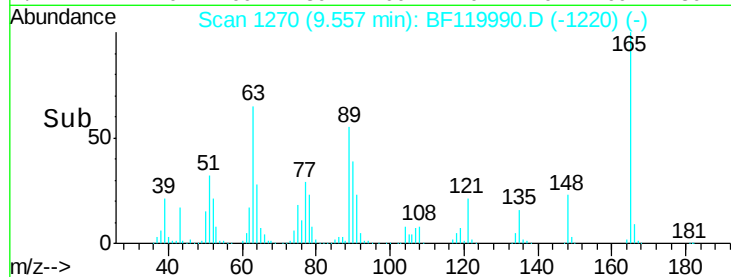
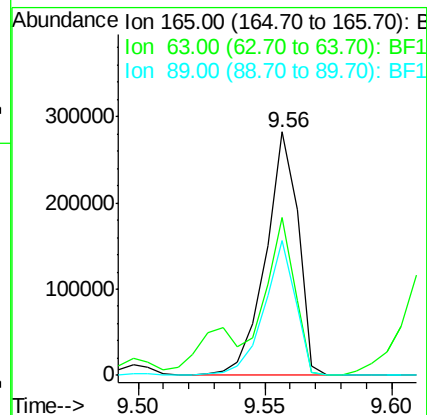
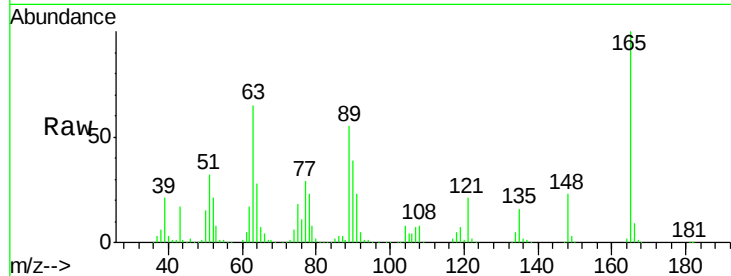
ClientSampleId :

PB128205BS

Tot Ion:	165	Resp:	253101
Ion Ratio	Lower	Upper	
165	100		
63	64.9	55.6	83.4
89	55.4	47.9	71.9

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#52

Acenaphthene

Concen: 38.606 ng

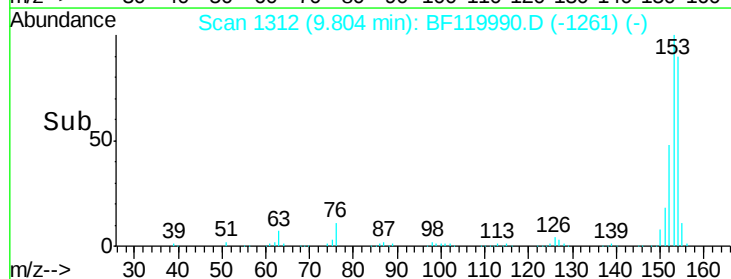
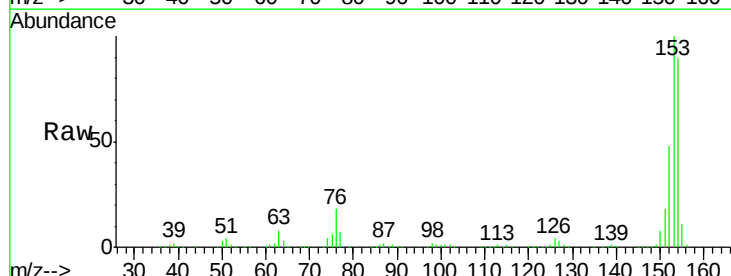
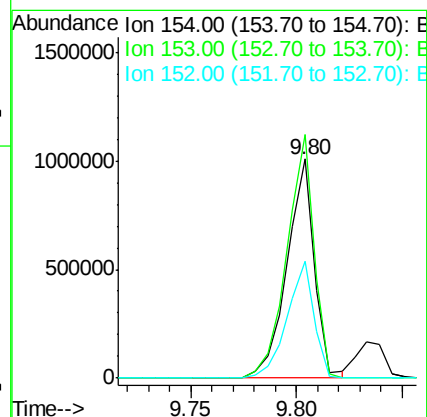
RT: 9.80 min Scan# 1312

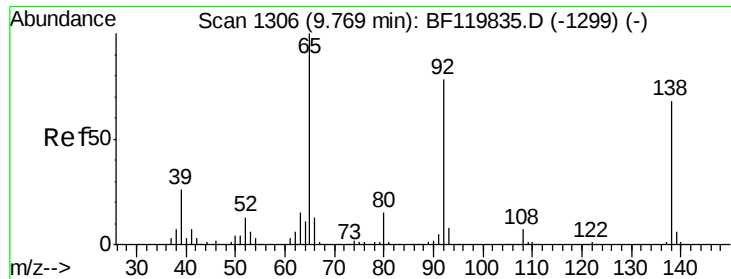
Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:	154	Resp:	916112
Ion Ratio	Lower	Upper	
154	100		
153	111.3	88.8	133.2
152	53.3	42.4	63.6





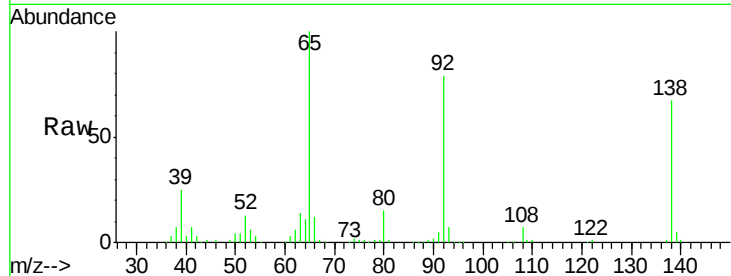
#53
3-Nitroaniline
Concen: 23.291 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.0	12.0
92	117.8	92.1	138.1

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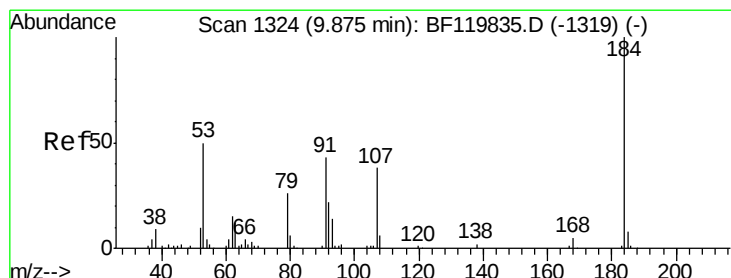
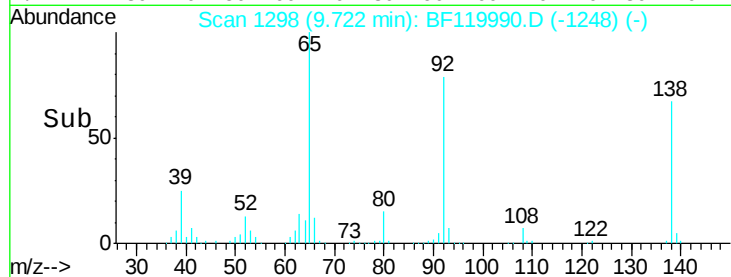
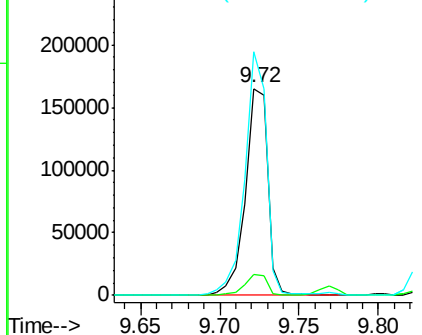


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 83.123 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

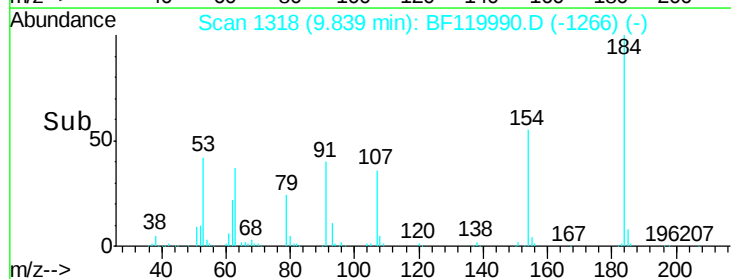
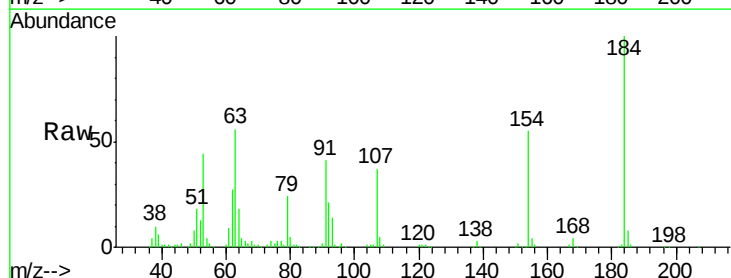
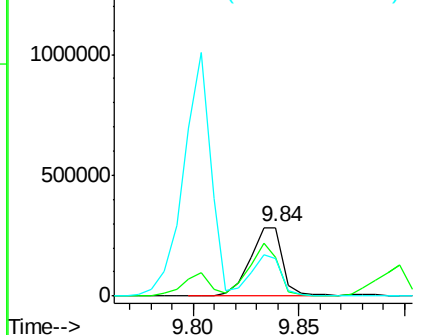
Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.4	49.8	74.6
154	55.3	46.5	69.7

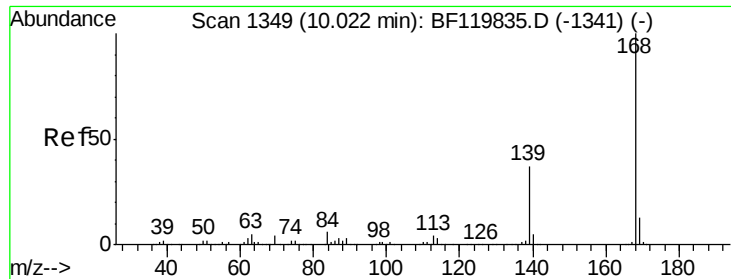
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





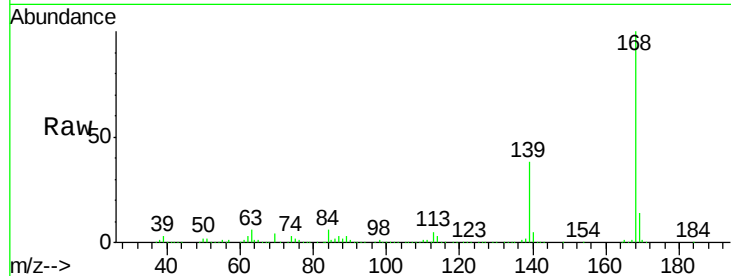
#55
Dibenzofuran
Concen: 41.434 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

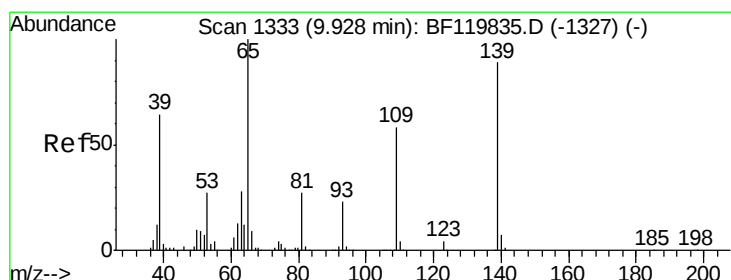
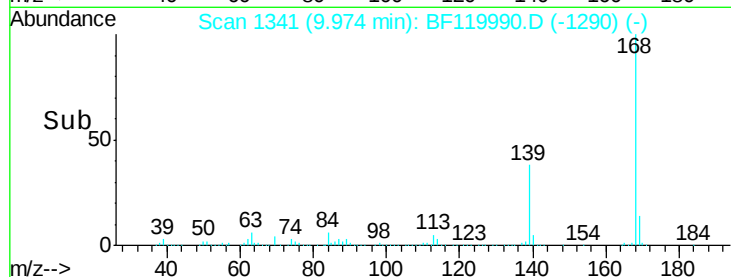
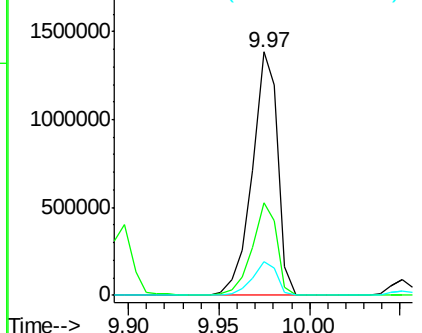
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.8	44.6
169	14.0	10.6	15.8

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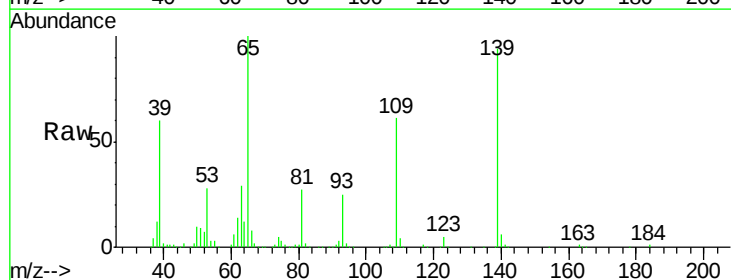


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

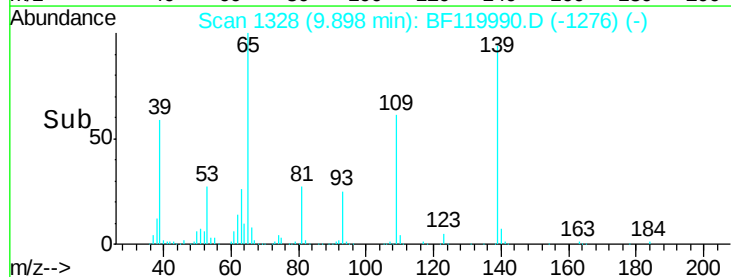
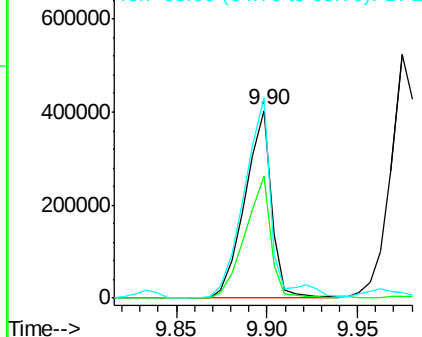


#56
4-Nitrophenol
Concen: 79.822 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	45.5	85.5
65	106.6	92.3	132.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





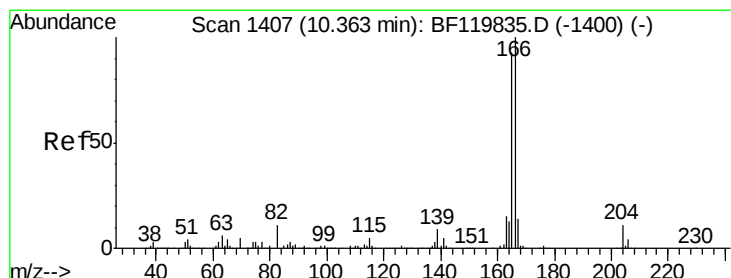
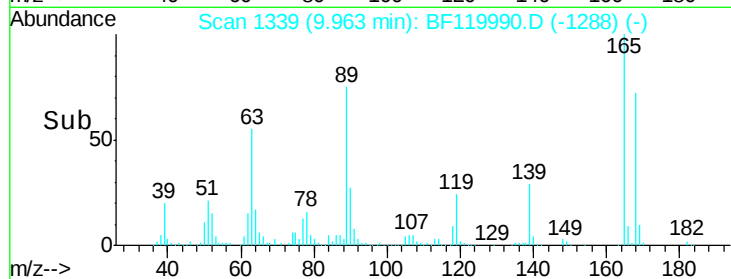
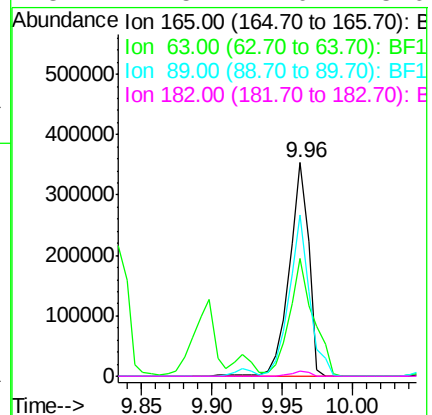
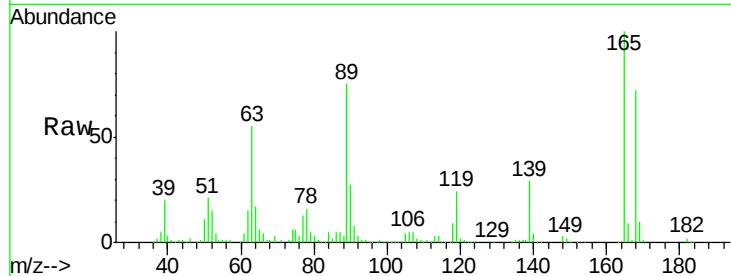
#57
2,4-Dinitrotoluene
Concen: 41.836 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	335855		
63	54.9	40.8	61.2	
89	75.3	56.9	85.3	
182	2.5	2.0	3.0	

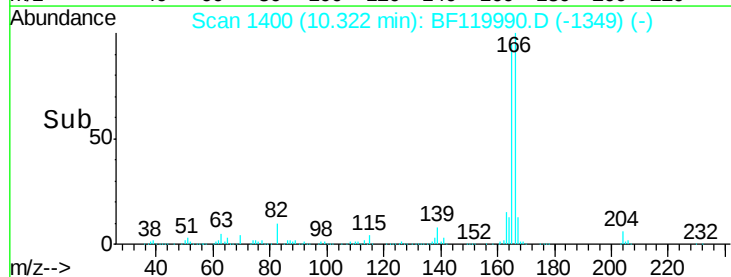
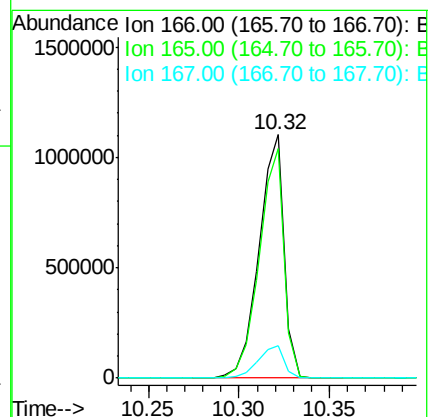
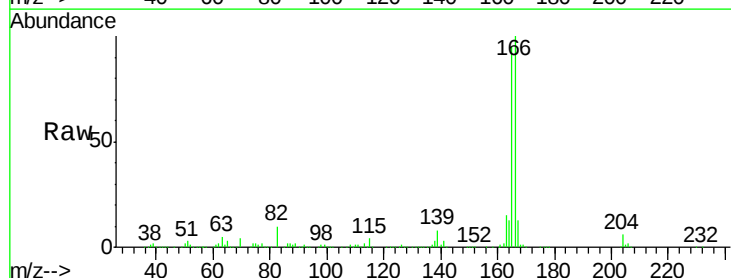
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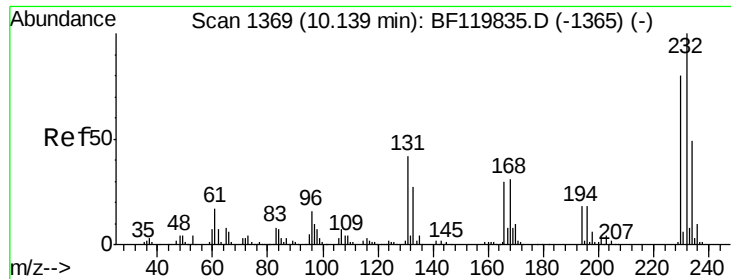
mohammad
4/16/2020 12:52:45 PM



#58
Fluorene
Concen: 40.449 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1053386		
165	94.5	74.2	111.2	
167	13.2	10.8	16.2	





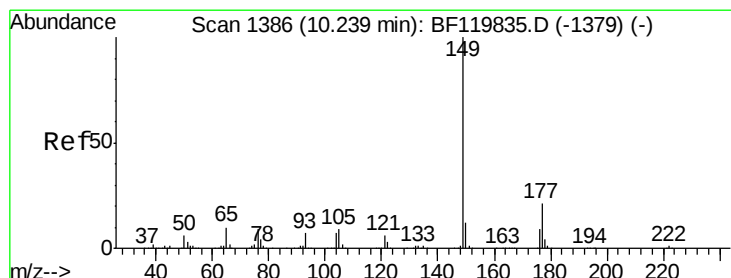
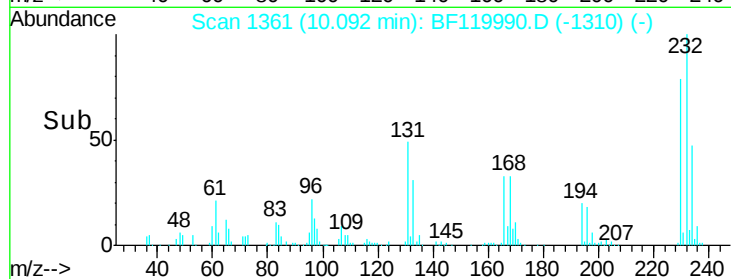
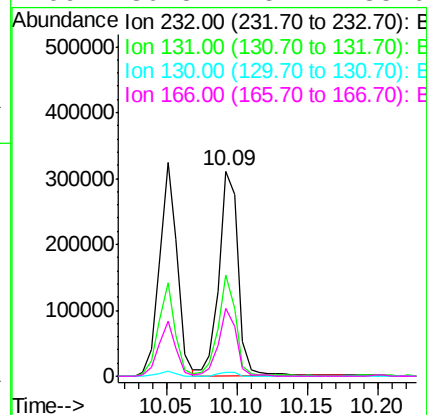
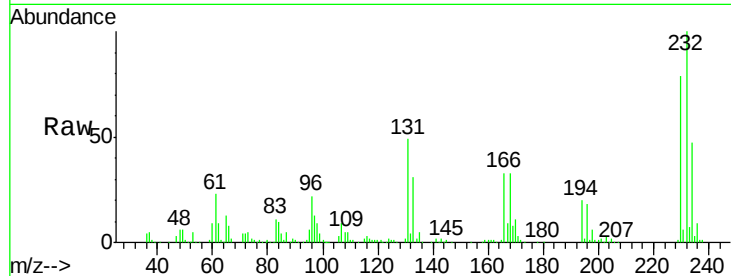
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.463 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	293752		
131	45.5	37.9	56.9	
130	2.1	1.8	2.6	
166	30.8	25.4	38.0	

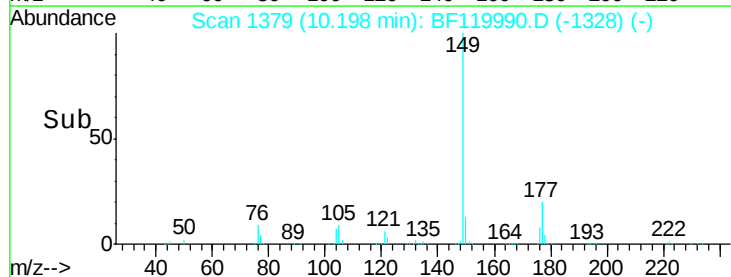
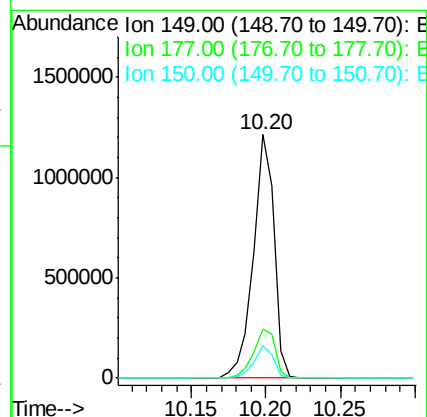
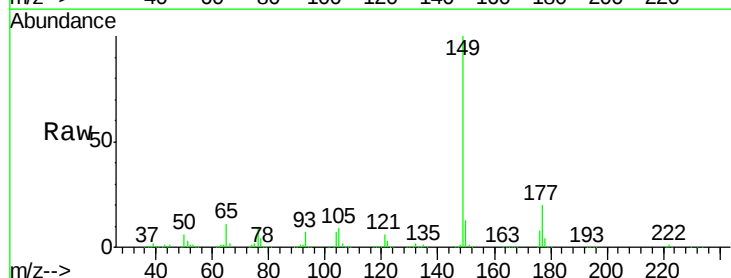
Manual Integrations
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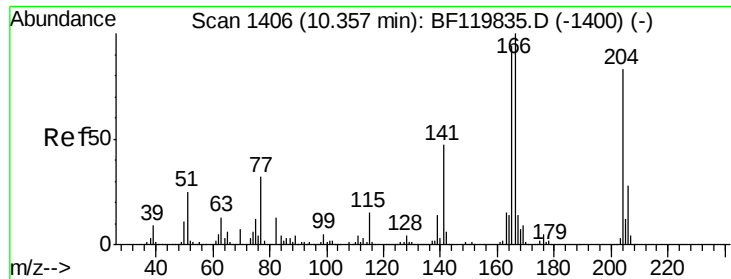
mohammad
4/16/2020 12:52:45 PM



#60
Diethylphthalate
Concen: 40.055 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1155148		
177	20.3	16.8	25.2	
150	13.1	9.8	14.6	





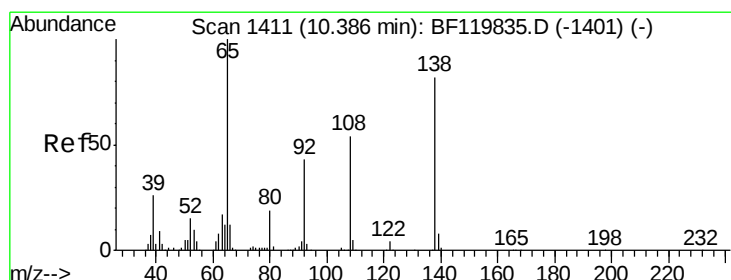
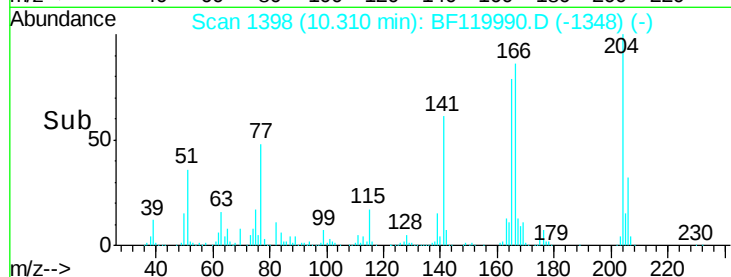
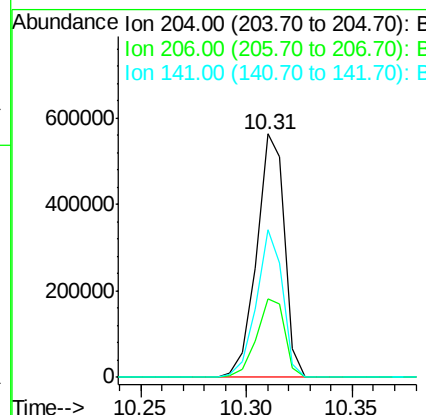
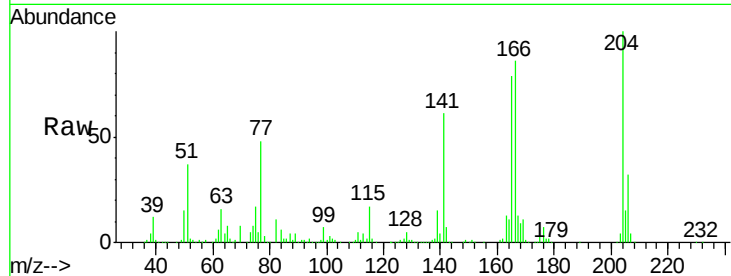
#61
 4-Chlorophenyl-phenylether
 Concen: 38.731 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.7	40.1
141	60.9	45.8	68.8

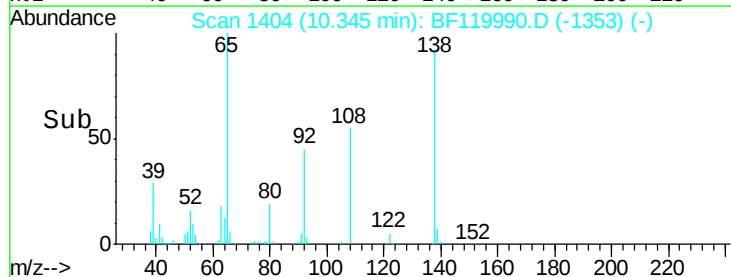
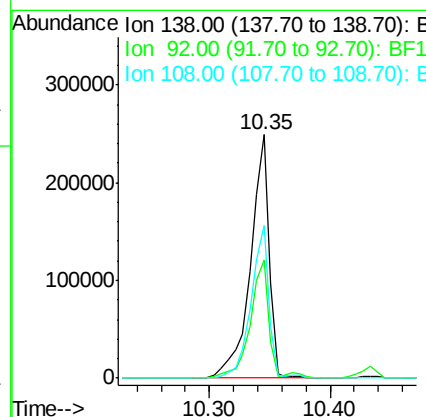
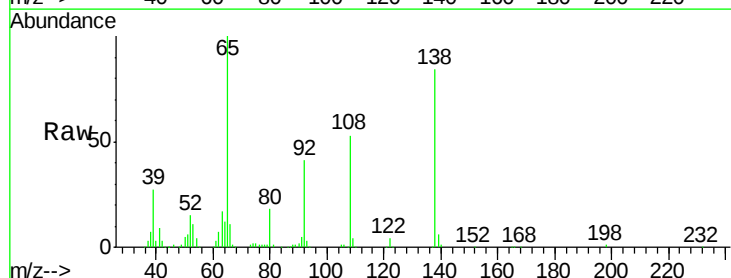
Manual Integrations
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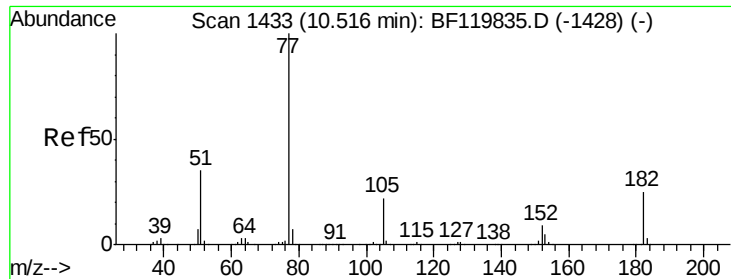
mohammad
 4/16/2020 12:52:45 PM



#62
 4-Nitroaniline
 Concen: 40.454 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.6	71.6
108	62.5	45.2	85.2





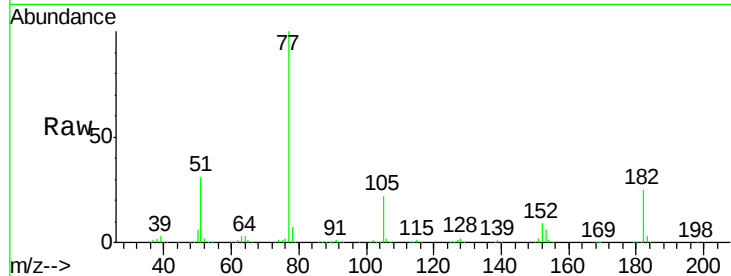
#63
Azobenzene
Concen: 42.830 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

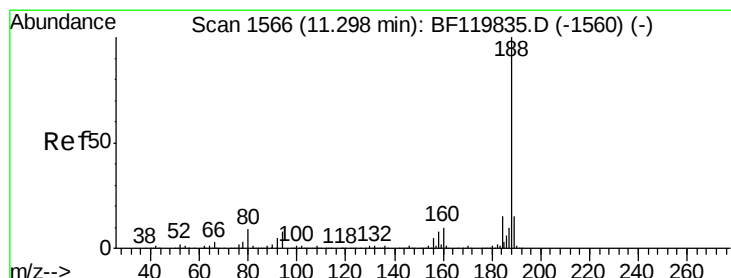
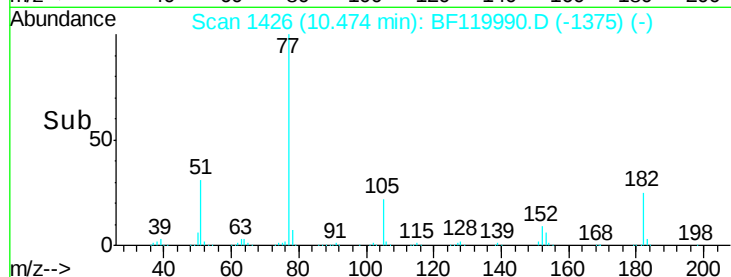
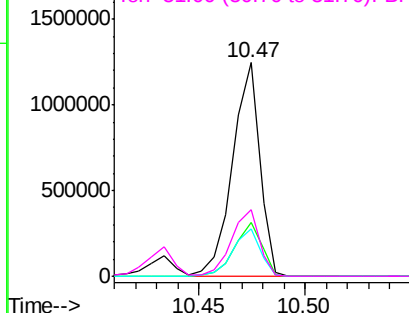
Tot Ion: 77 Resp: 1106945
Ion Ratio Lower Upper
77 100
182 25.5 4.5 44.5
105 22.3 2.2 42.2
51 31.2 15.1 55.1

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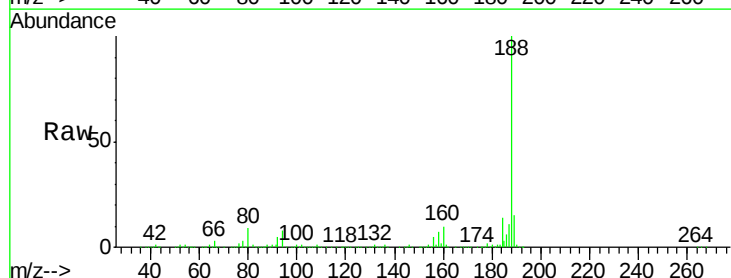


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

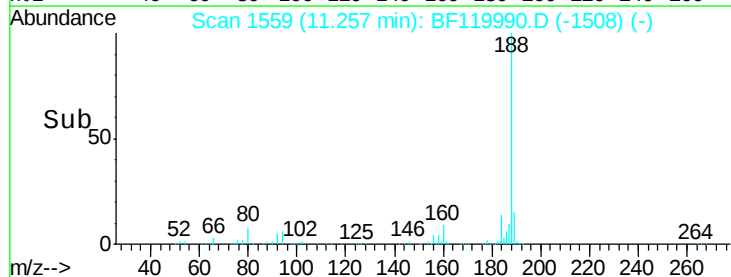
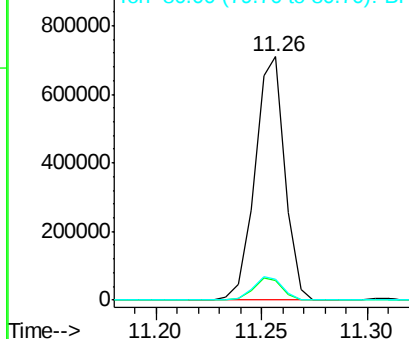


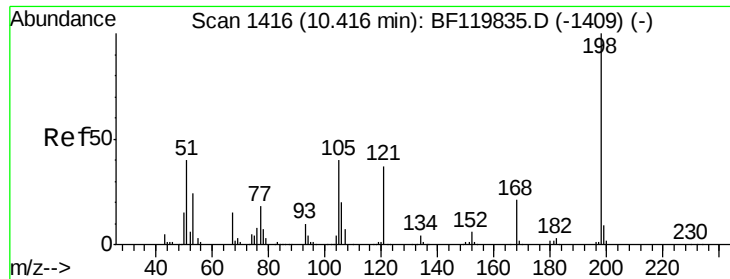
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion: 188 Resp: 696363
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.7 7.4 11.2



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





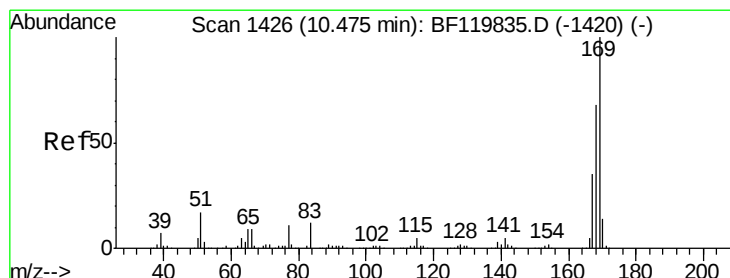
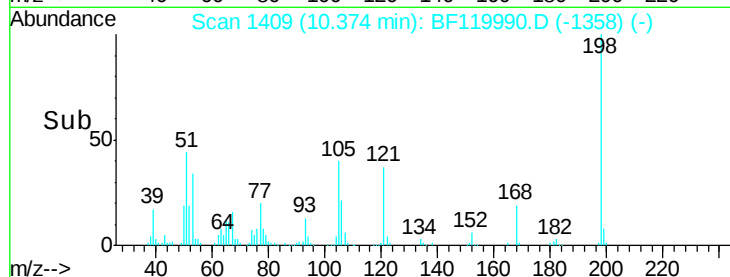
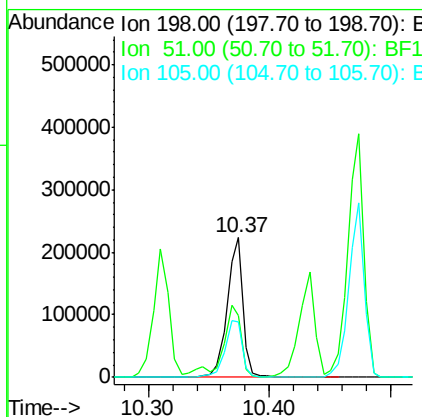
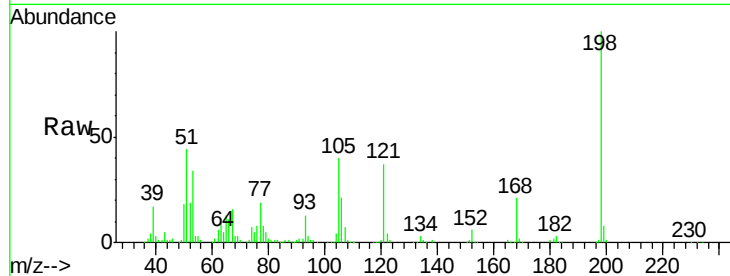
#65
4,6-Dinitro-2-methylphenol
Concen: 44.011 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	201908		
51	44.2	25.2	65.2	
105	40.0	20.8	60.8	

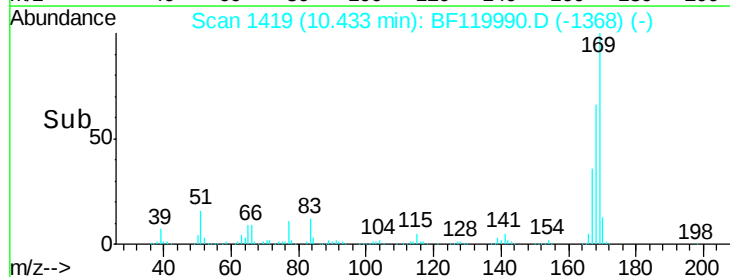
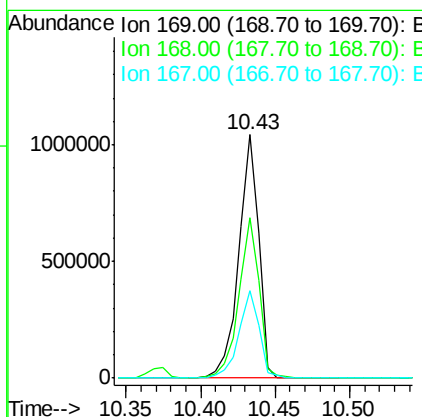
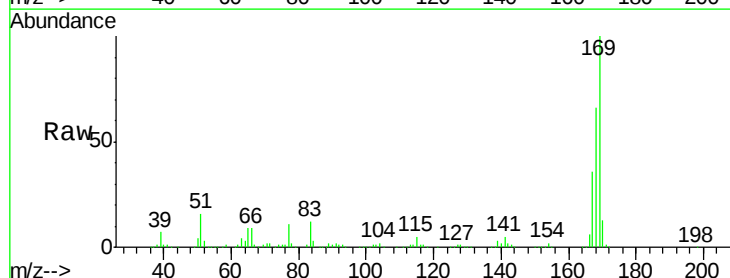
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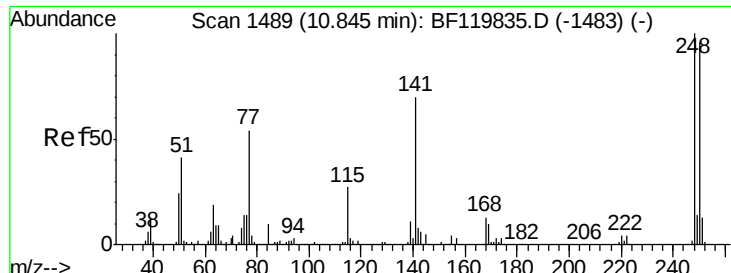
mohammad
4/16/2020 12:52:45 PM



#66
n-Nitrosodiphenylamine
Concen: 41.895 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	970253		
168	65.8	54.2	81.4	
167	35.9	28.3	42.5	





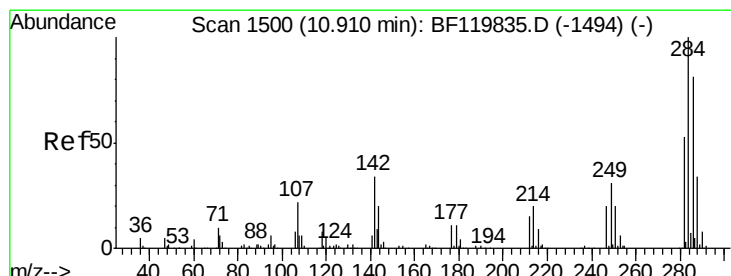
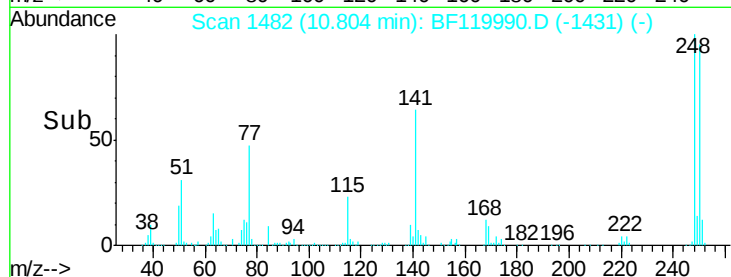
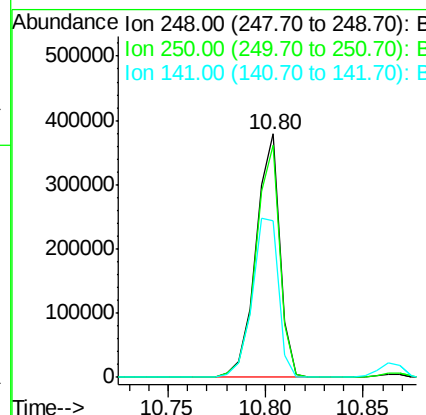
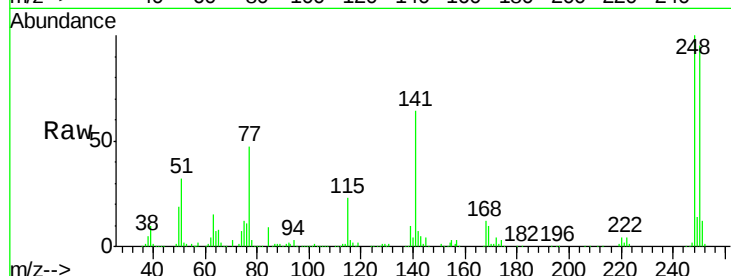
#67
 4-Bromophenyl-phenylether
 Concen: 36.972 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleID :
 PB128205BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.6	114.8
141	64.1	55.9	83.9

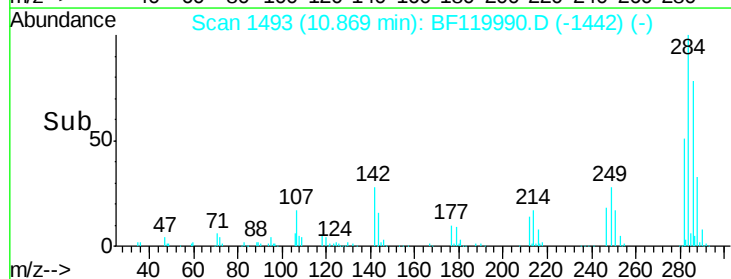
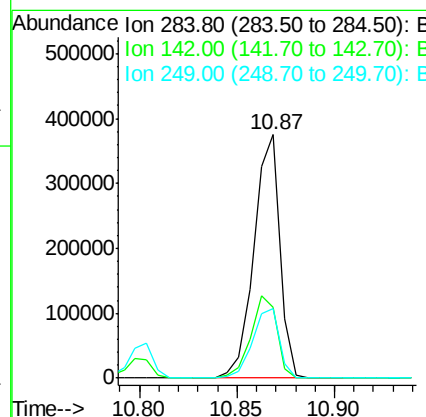
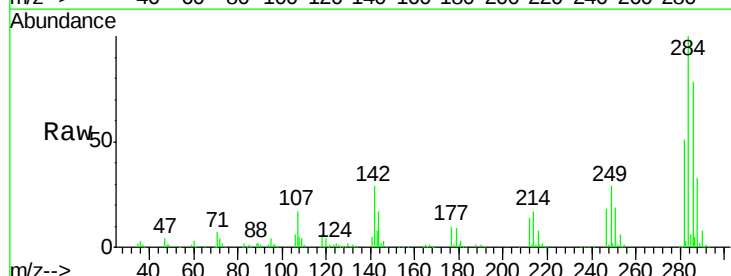
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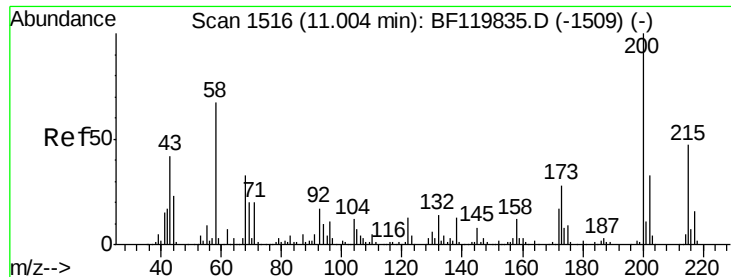
mohammad
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#68
 Hexachlorobenzene
 Concen: 39.226 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	26.9	40.3
249	28.6	24.6	37.0





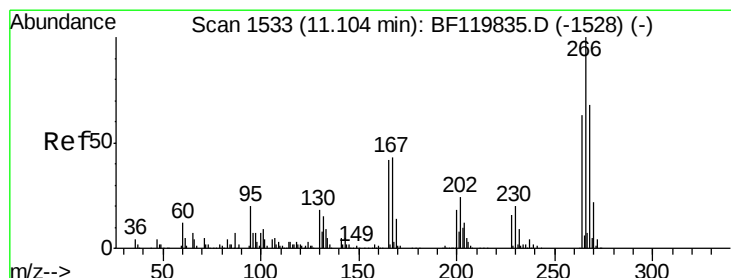
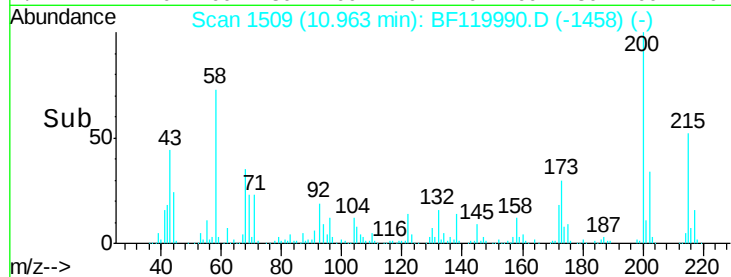
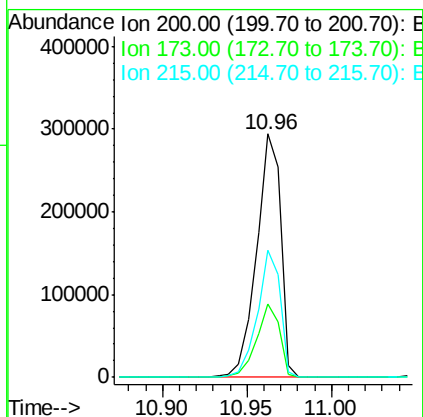
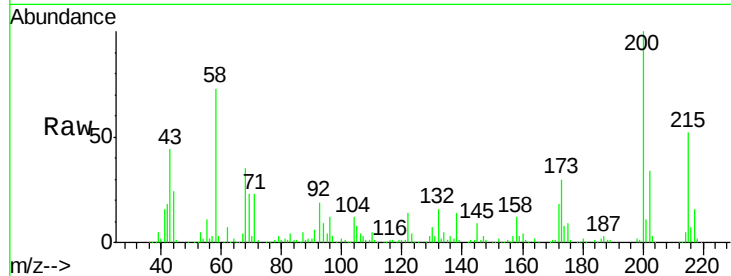
#69
Atrazine
Concen: 45.637 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	8.0	48.0
215	52.1	27.1	67.1

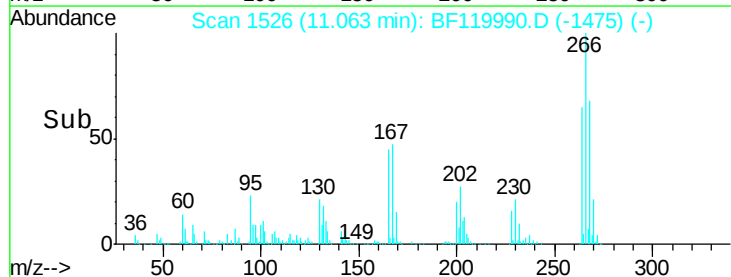
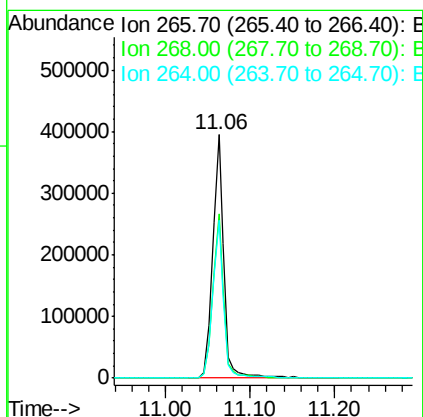
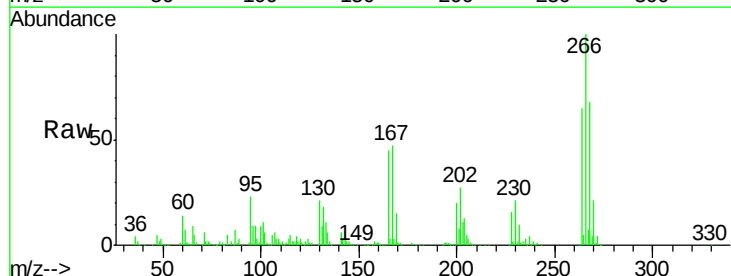
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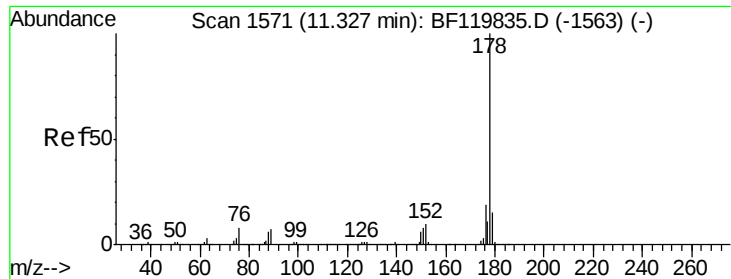
mohammad
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#70
Pentachlorophenol
Concen: 74.479 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.6	54.2	81.4
264	64.7	50.6	76.0





#71

Phenanthrene

Concen: 41.399 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:178 Resp: 1534313

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

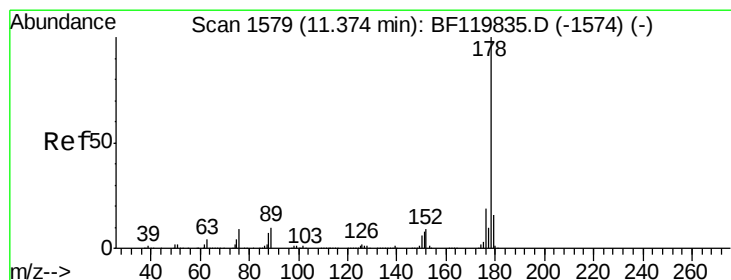
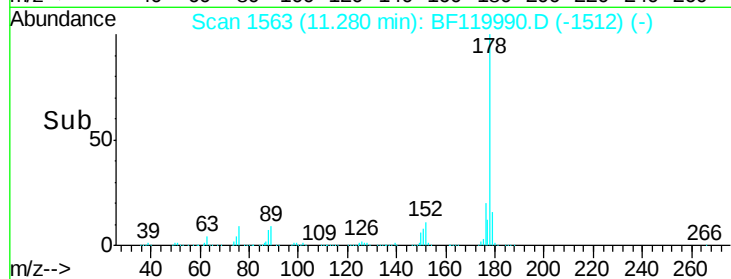
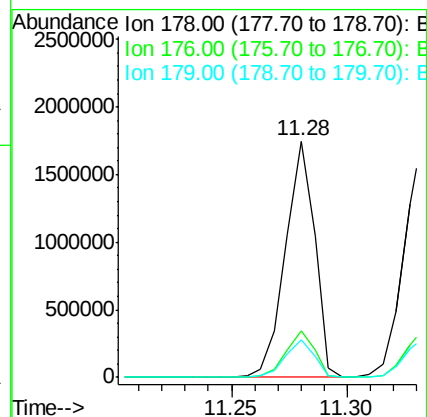
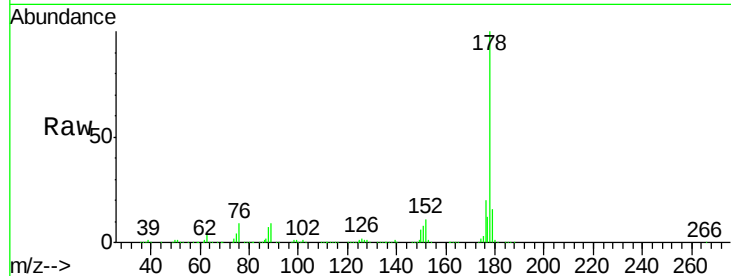
179 16.0 12.2 18.4

Manual Integrations

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#72

Anthracene

Concen: 41.303 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

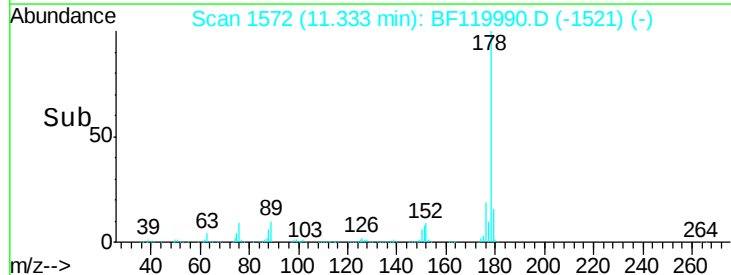
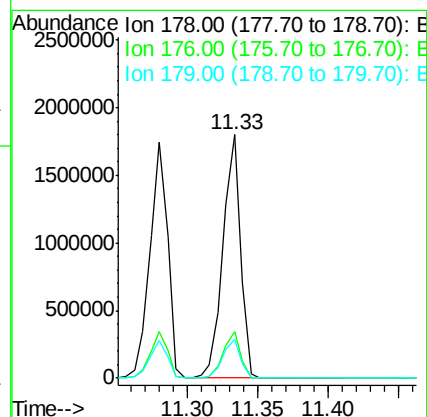
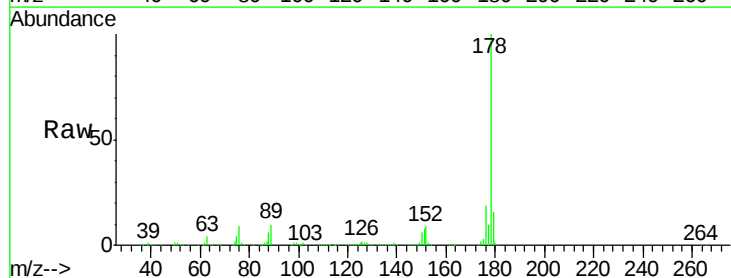
Tgt Ion:178 Resp: 1563750

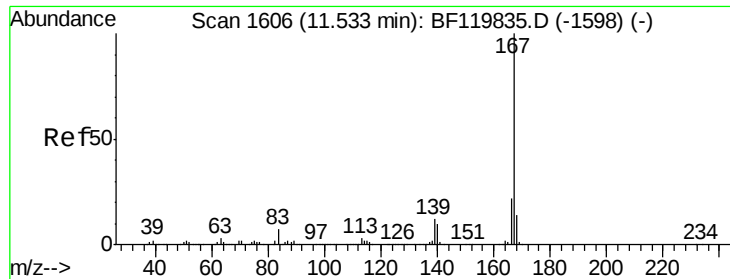
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.8 19.2





#73

Carbazole

Concen: 40.781 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:167 Resp: 1460085

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

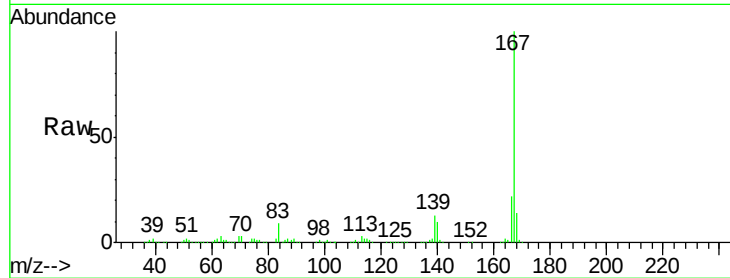
139 13.0 9.8 14.8

Manual Integrations

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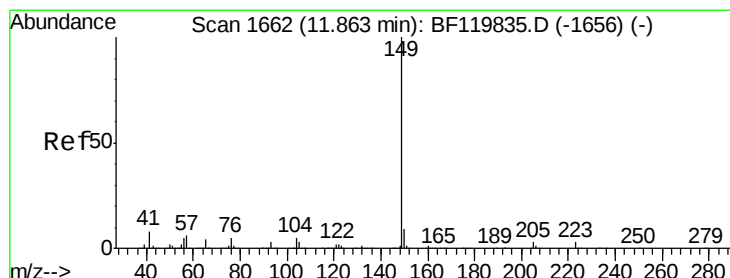
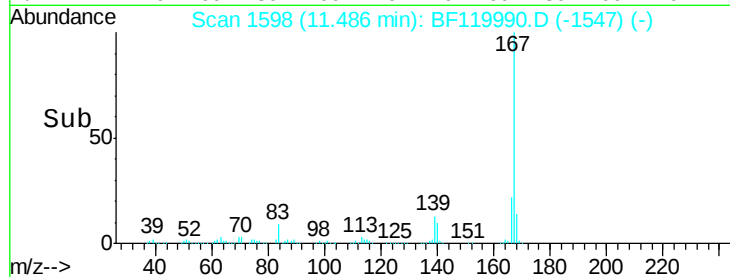
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.49

Time-->



#74

Di-n-butylphthalate

Concen: 39.577 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

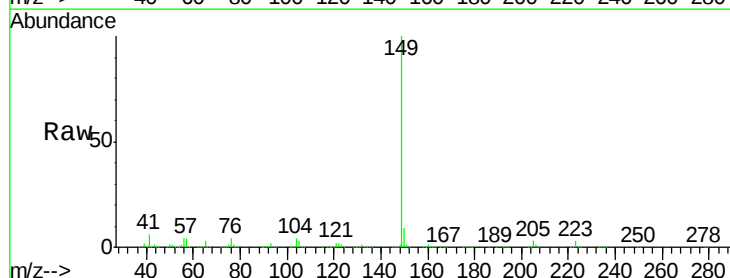
Tgt Ion:149 Resp: 1862776

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 4.3 3.8 5.6



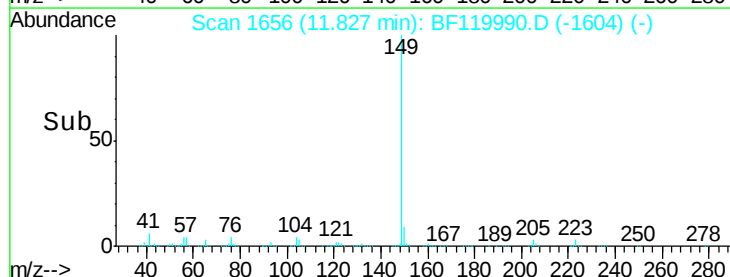
Abundance Ion 149.00 (148.70 to 149.70): E

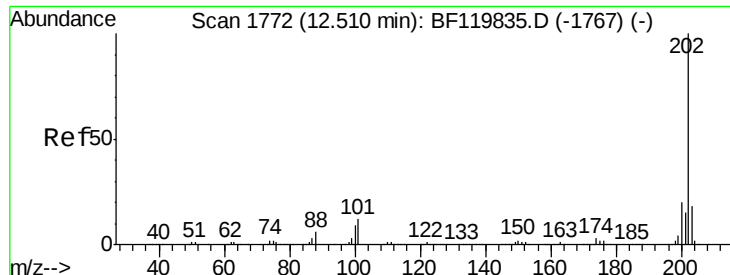
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.83

Time-->





#75

Fluoranthene

Concen: 41.898 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

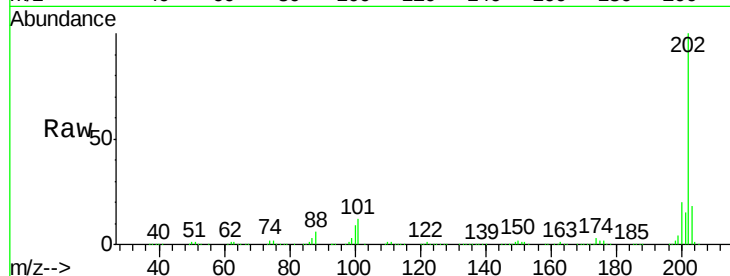
ClientSampleId :

PB128205BS

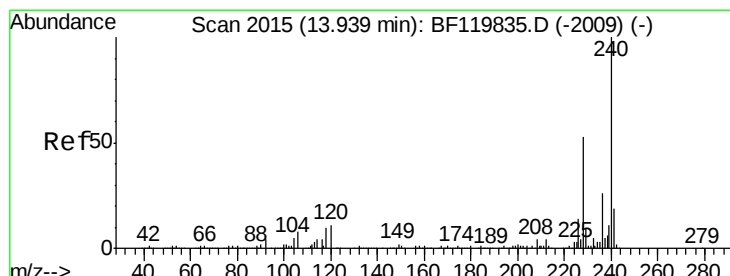
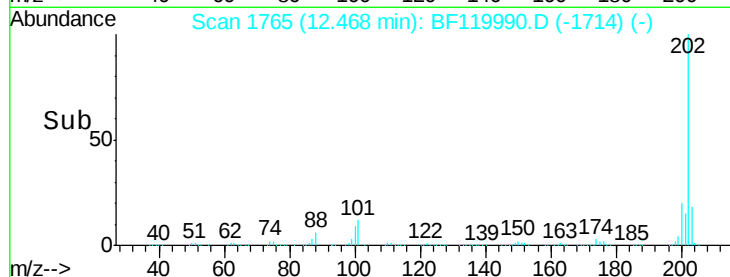
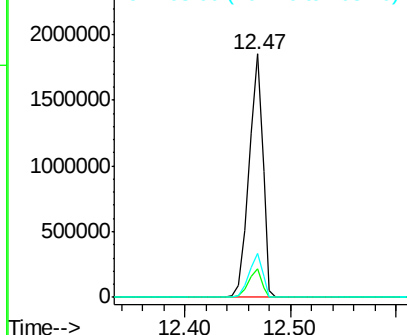
Tot Ion:	202	Resp:	1675442
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	32.3
203	17.8	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

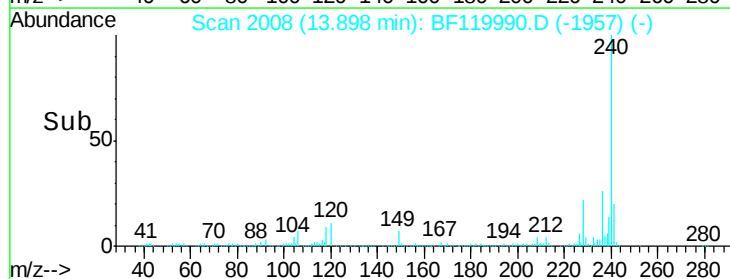
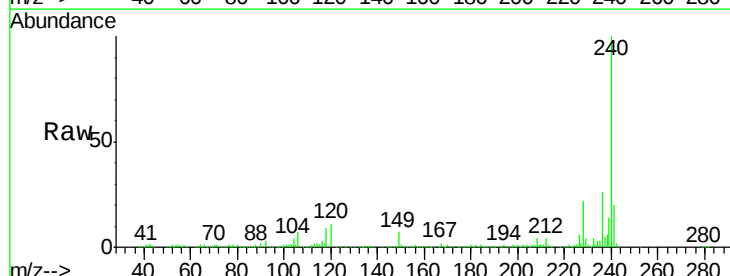
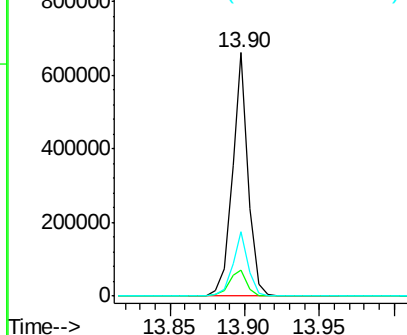
Delta R.T. -0.00 min

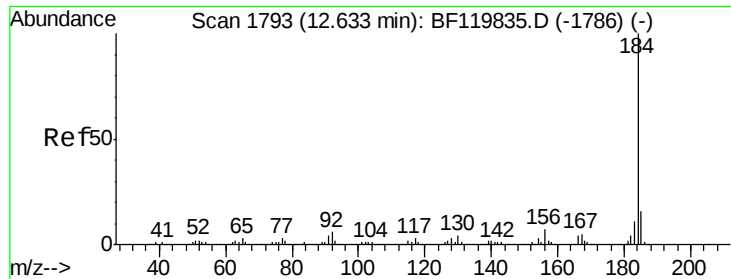
Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:	240	Resp:	489622
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.0	13.6
236	26.4	20.7	31.1

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





#77

Benzidine

Concen: 44.779 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

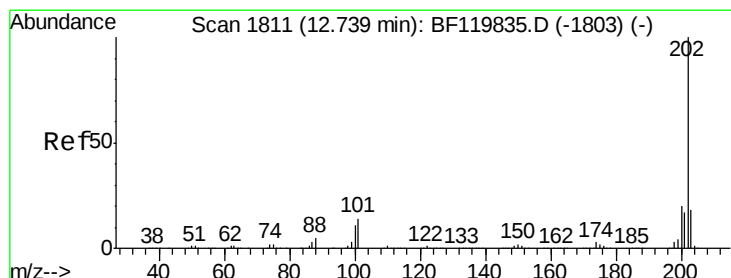
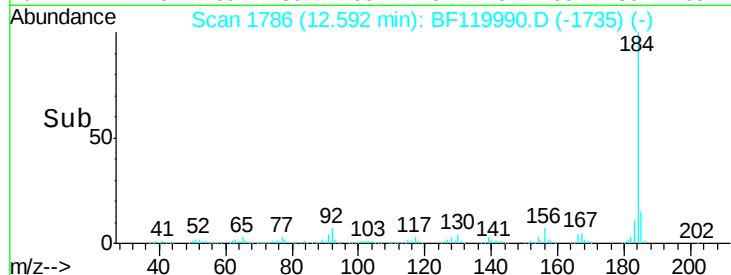
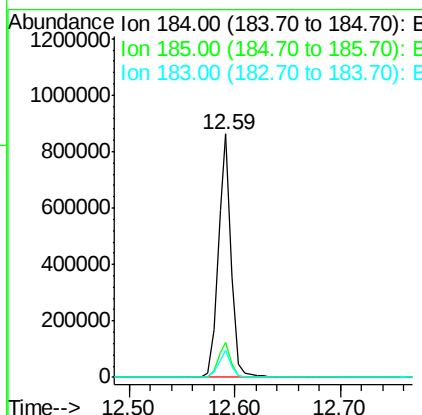
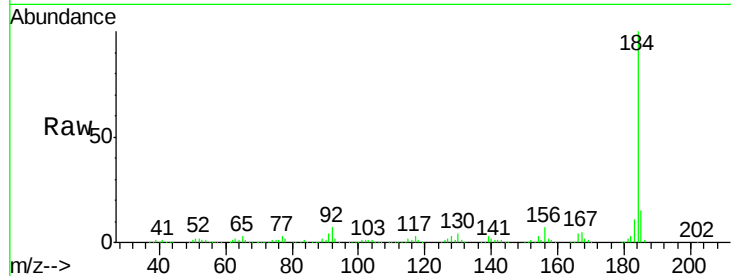
ClientSampleId :

PB128205BS

Tot Ion:	184	Resp:	741126
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.2	19.8
183	11.3	9.1	13.7

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#78

Pyrene

Concen: 40.447 ng

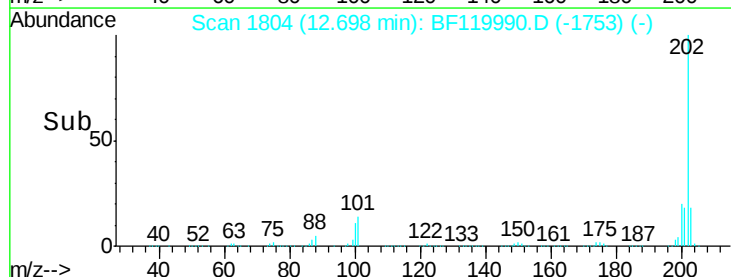
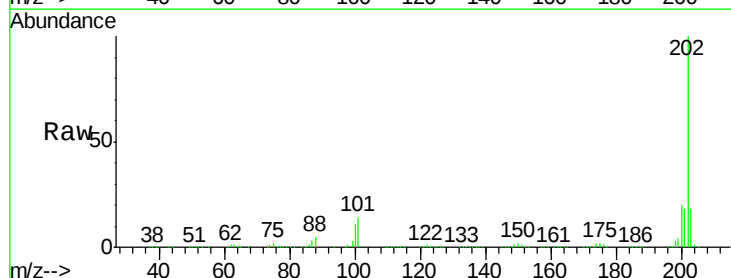
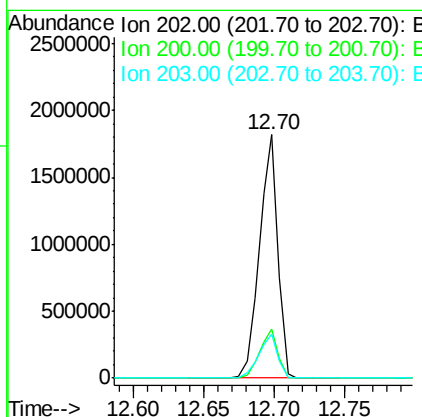
RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:	202	Resp:	1669478
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.2	24.2
203	18.1	14.1	21.1





#79

Terphenyl-d14

Concen: 76.697 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:244 Resp: 2231740

Ion Ratio Lower Upper

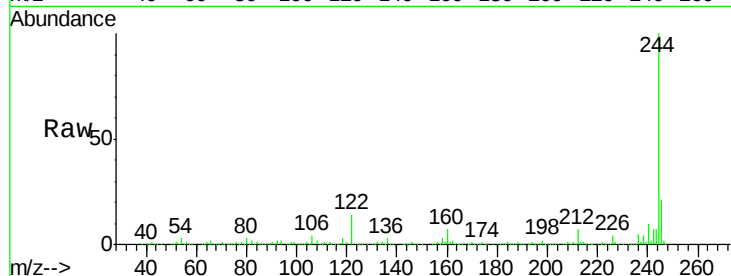
244 100

212 6.9 5.4 8.0

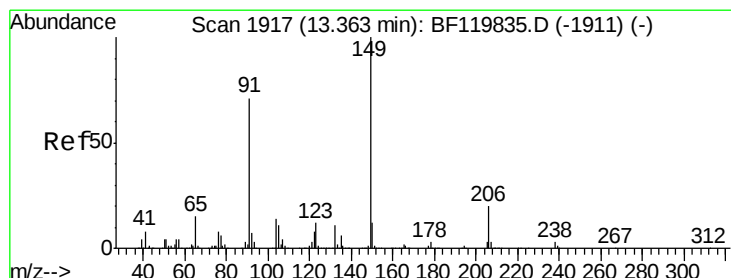
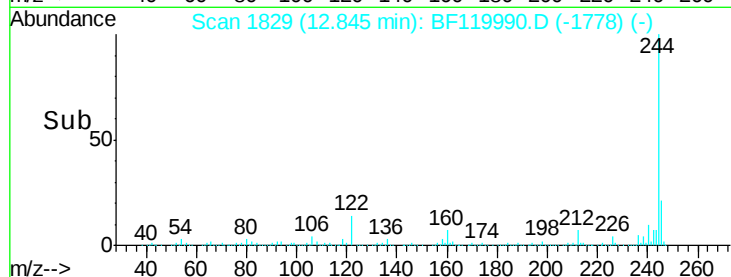
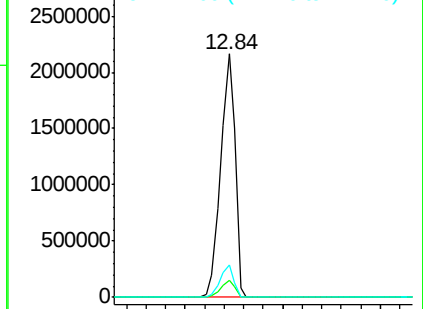
122 13.5 10.3 15.5

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.096 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

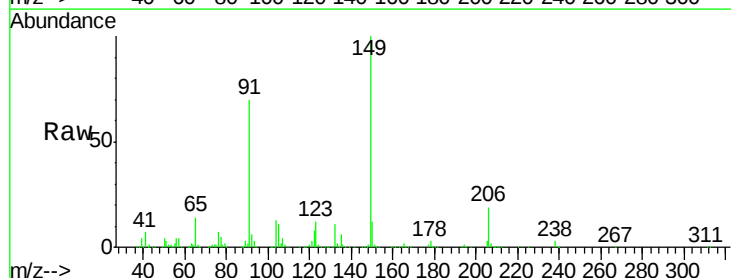
Tgt Ion:149 Resp: 783039

Ion Ratio Lower Upper

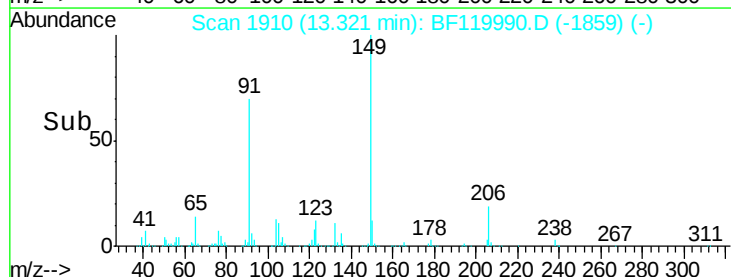
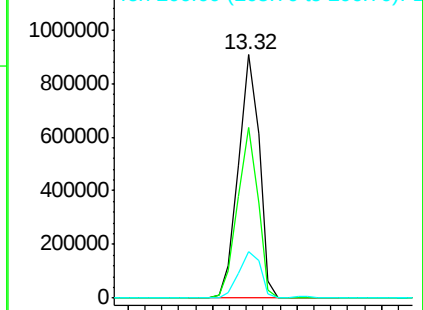
149 100

91 70.0 56.7 85.1

206 19.0 15.7 23.5



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: 41.242 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:228 Resp: 1328412

Ion Ratio Lower Upper

228 100

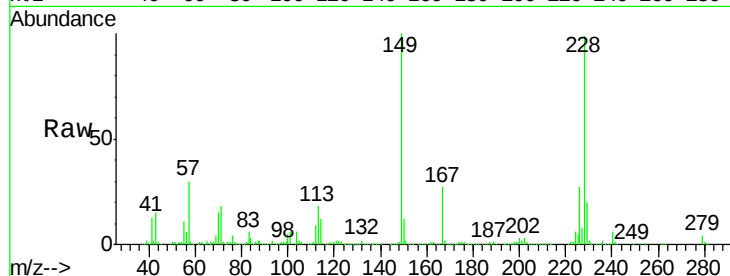
226 27.5 21.9 32.9

229 19.9 15.9 23.9

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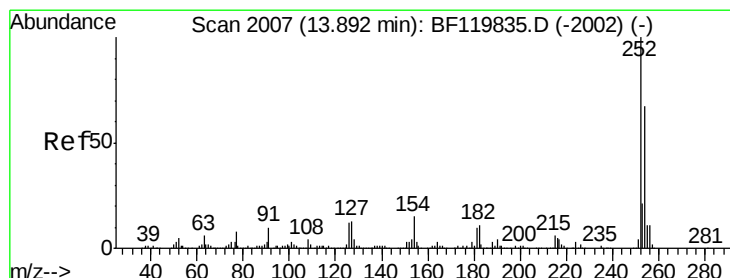
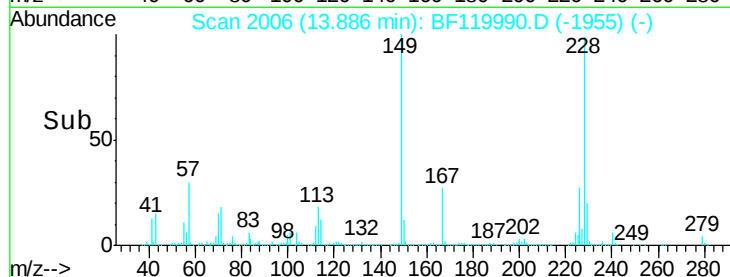
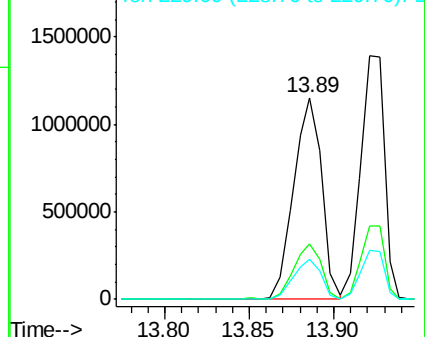
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.167 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Tgt Ion:252 Resp: 314485

Ion Ratio Lower Upper

252 100

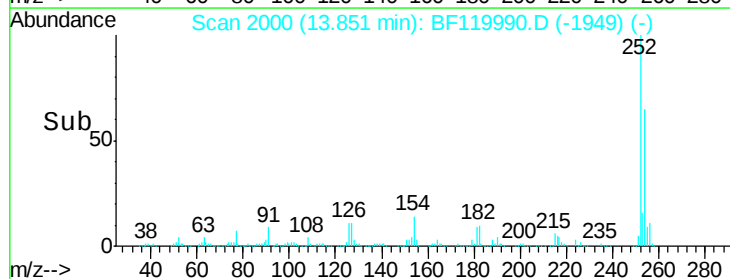
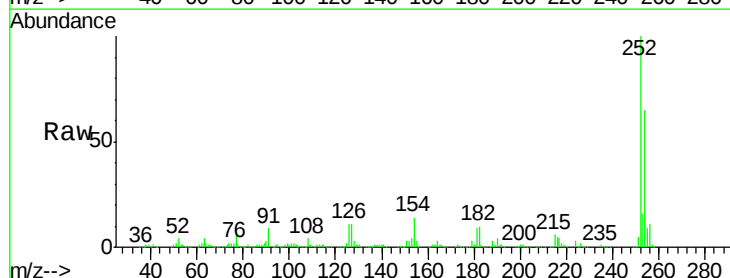
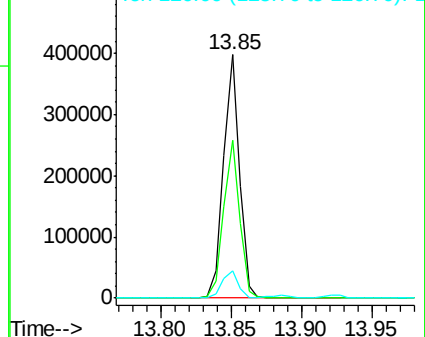
254 64.9 53.9 80.9

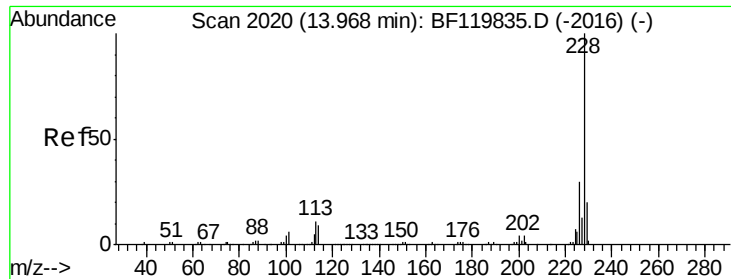
126 11.0 9.7 14.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





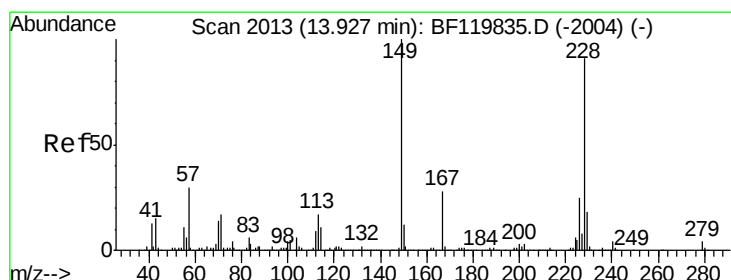
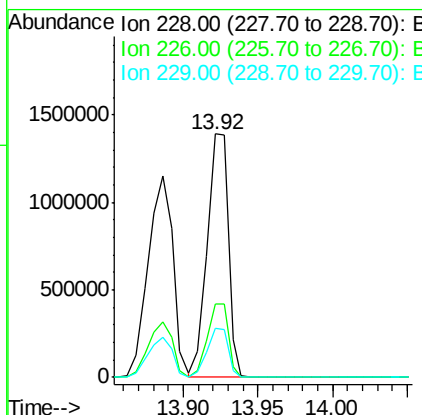
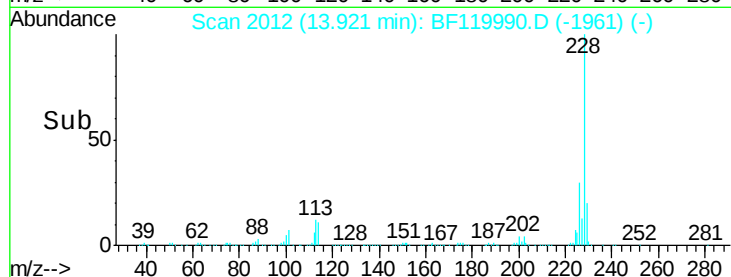
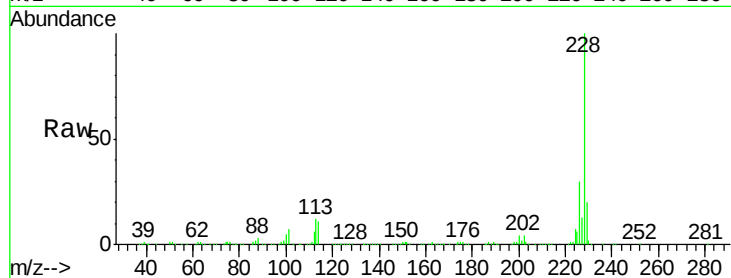
#83
 Chrvsene
 Concen: 41.587 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128205BS

Tot Ion:228 Resp: 1361093
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.2
 229 20.2 15.9 23.9

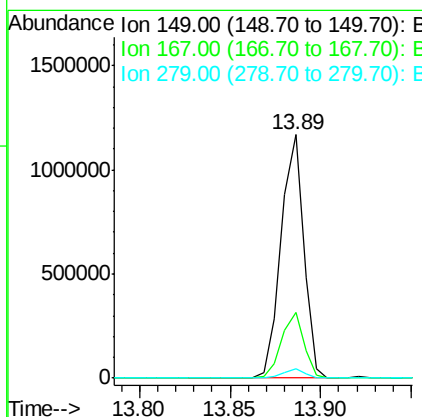
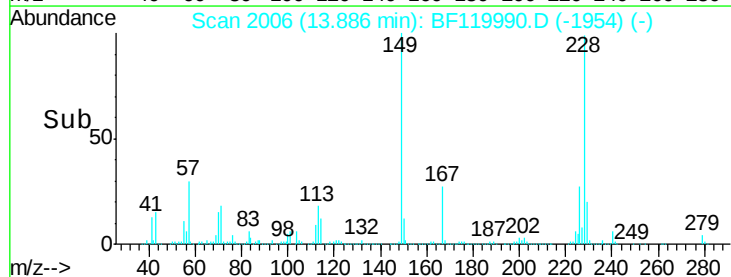
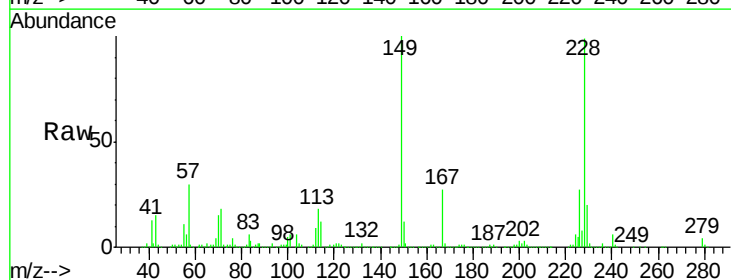
Manual Integrations
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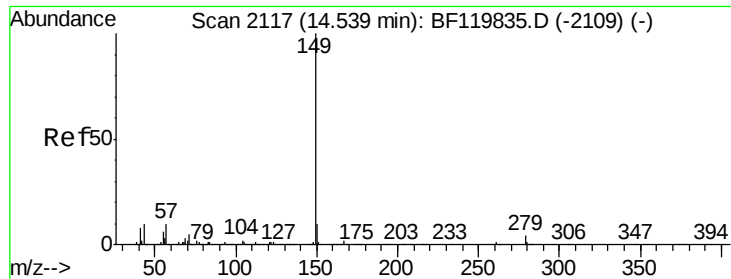
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.688 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119990.D
 Acq: 15 Apr 2020 13:39

Tgt Ion:149 Resp: 1022197
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 38.524 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

Instrument :

BNA_F

ClientSampleId :

PB128205BS

Tot Ion:149 Resp: 1779079

Ion Ratio Lower Upper

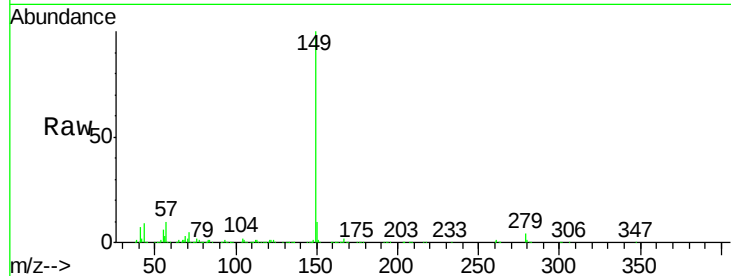
149 100

167 1.6 1.2 1.8

43 10.5 9.2 13.8

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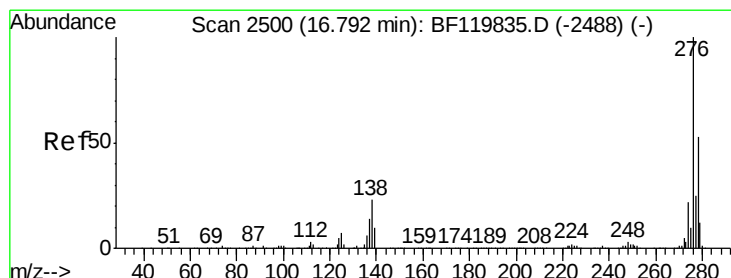
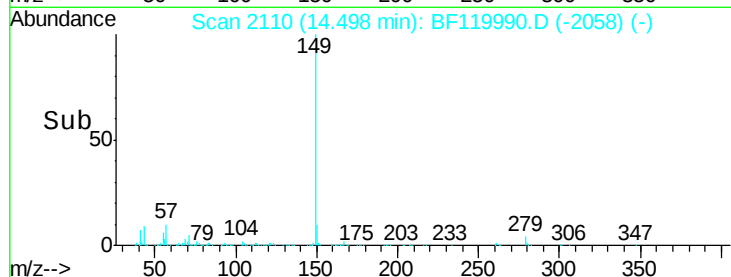
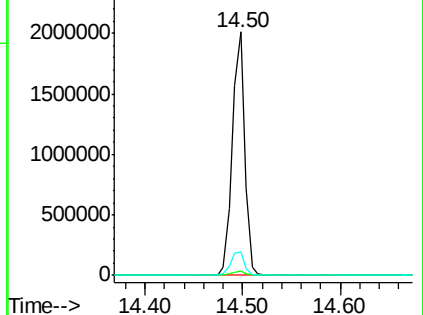
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.592 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF119990.D

Acq: 15 Apr 2020 13:39

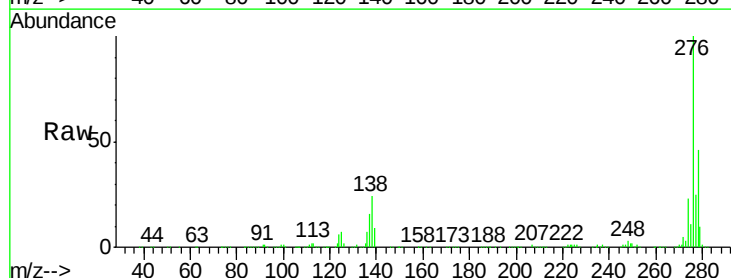
Tgt Ion:276 Resp: 1084520

Ion Ratio Lower Upper

276 100

138 25.7 18.0 27.0

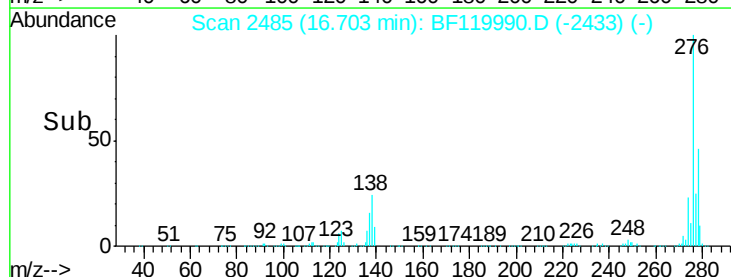
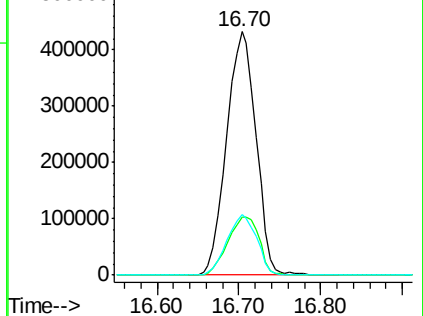
277 25.0 20.1 30.1

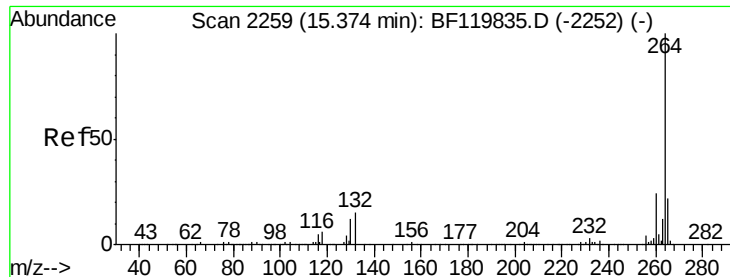


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





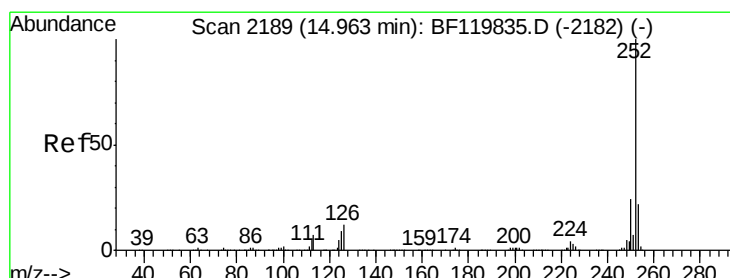
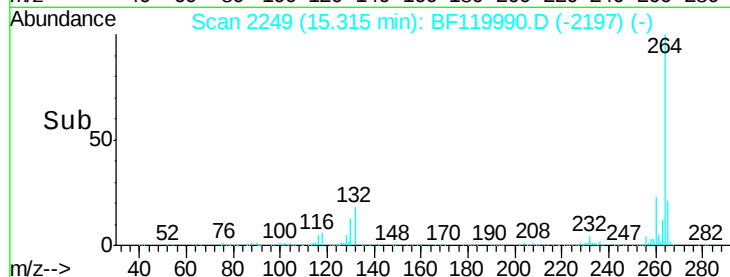
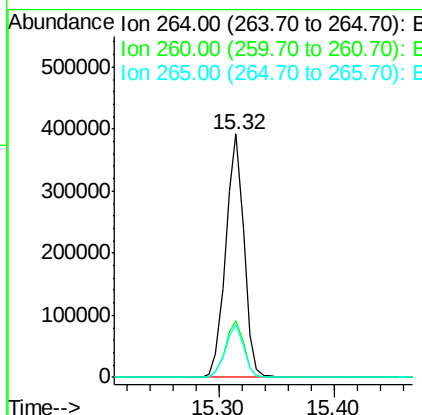
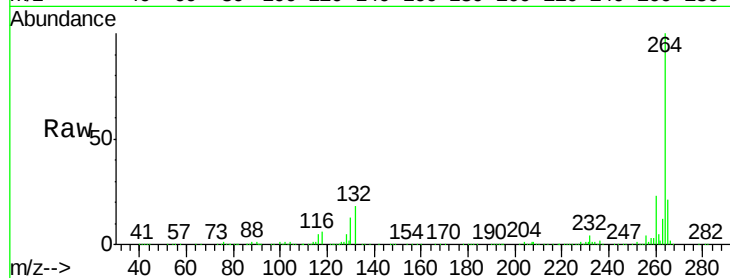
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.5	17.6	26.4

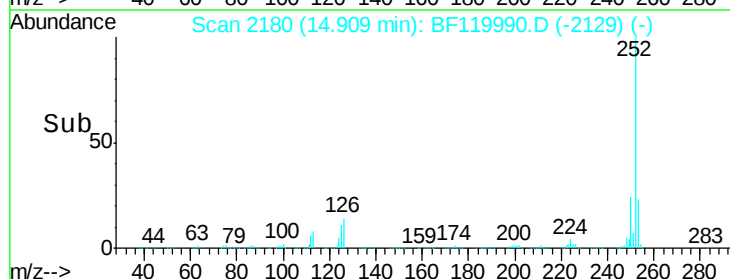
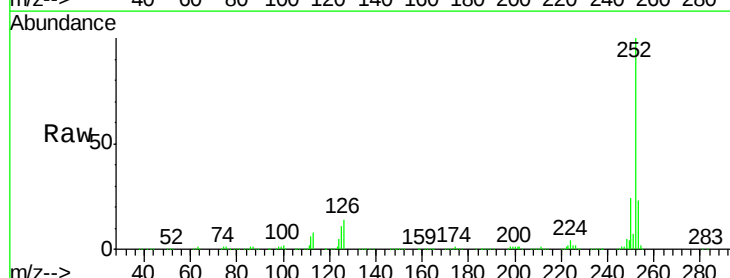
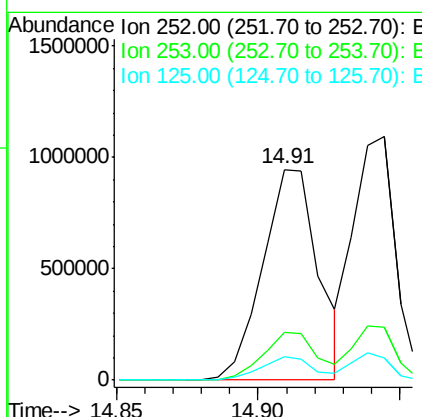
Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 42.090 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.2	7.4	11.2#





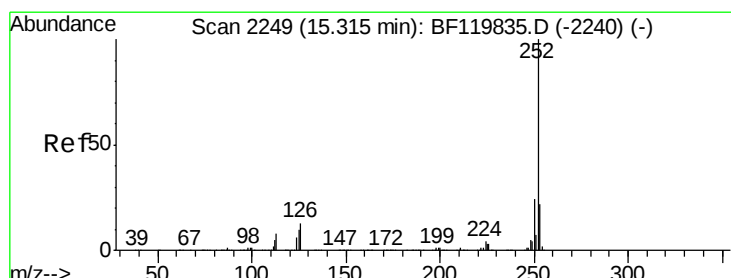
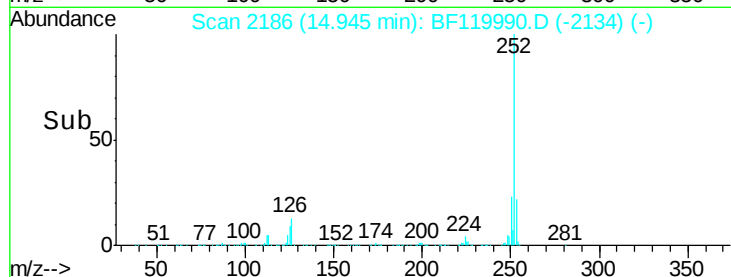
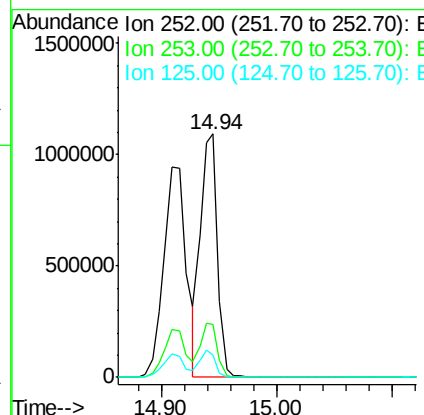
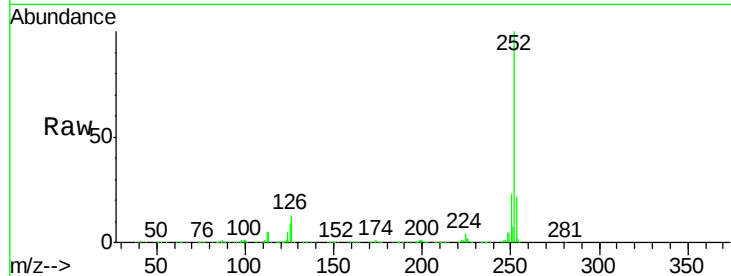
#89
Benzo(k)fluoranthene
Concen: 42.533 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.5	17.8	26.8	
125	9.2	7.7	11.5	

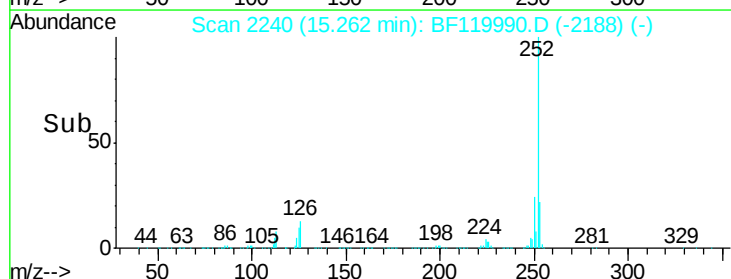
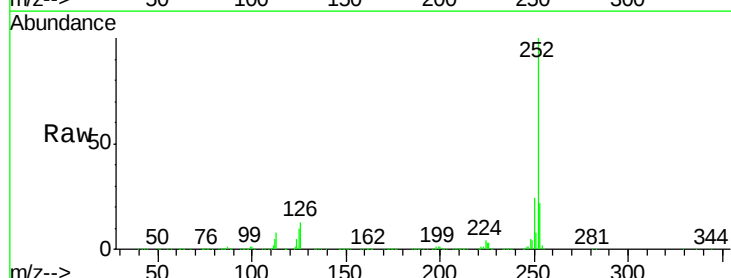
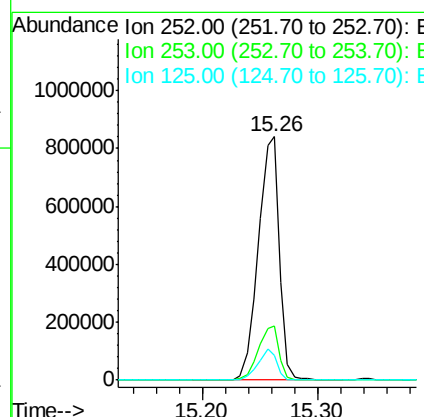
Manual Integrations
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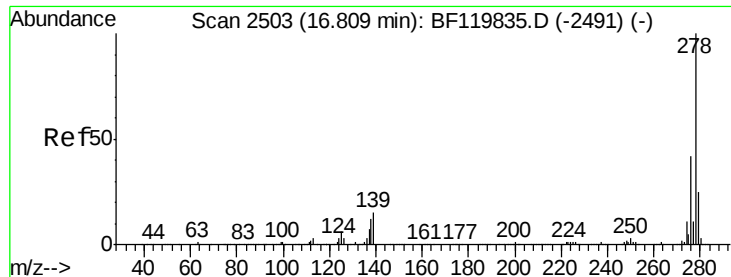
mohammad
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#90
Benzo(a)pyrene
Concen: 41.370 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.2	17.4	26.2	
125	10.2	8.3	12.5	





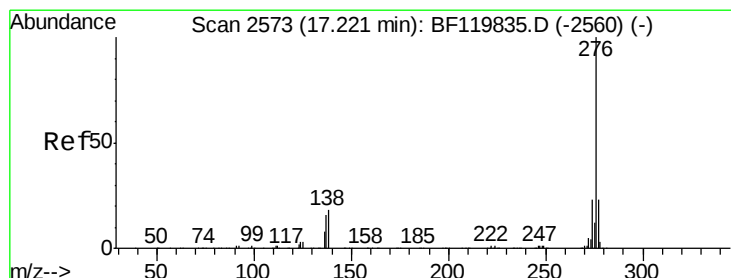
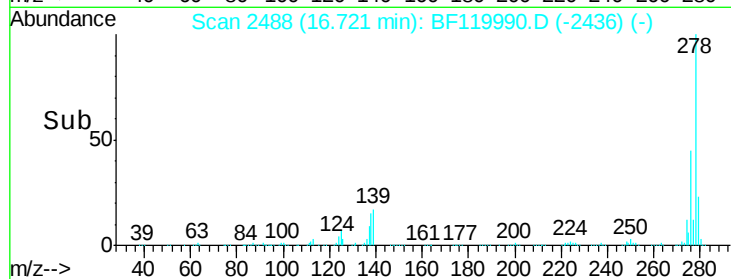
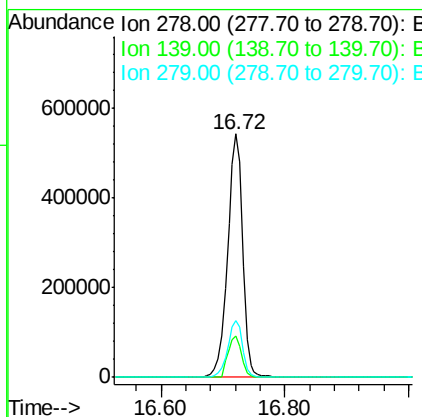
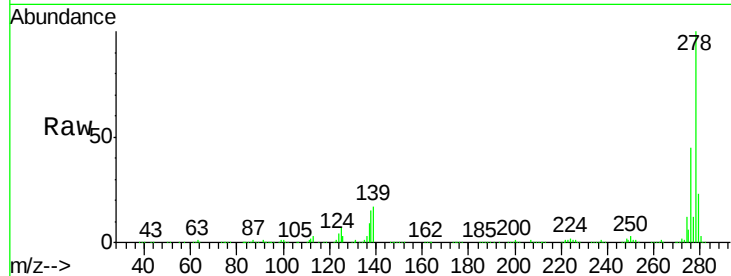
#91
Dibenzo(a,h)anthracene
Concen: 40.327 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Instrument :
BNA_F
ClientSampleId :
PB128205BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	11.6	17.4
279	23.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
4/16/2020 12:52:45 PM



#92
Benzo(g,h,i)perylene
Concen: 38.849 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF119990.D
Acq: 15 Apr 2020 13:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	21.8	14.6	22.0

