

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119768.D
 Acq On : 6 Apr 2020 13:38
 Operator : MA/SJ
 Sample : PB128003BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:18 AM

Quant Time: Apr 06 14:10:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	151935	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	626252	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	314308	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	604576	20.00	ng	0.00
76) Chrysene-d12	13.96	240	447506	20.00	ng	0.00
87) Perylene-d12	15.40	264	459086	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1172580	122.86	ng	0.01
7) Phenol-d6	6.42	99	1428707	117.18	ng	0.00
23) Nitrobenzene-d5	7.35	82	914520	79.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	431729	133.14	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1757744	82.85	ng	0.00
79) Terphenyl-d14	12.90	244	1984876	86.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	151224	32.081	ng	99
3) Pyridine	3.27	79	427133	32.891	ng	93
4) n-Nitrosodimethylamine	3.22	42	237027	37.428	ng	97
6) Aniline	6.44	93	458523	27.249	ng	99
8) 2-Chlorophenol	6.56	128	454590	45.350	ng	99
9) Benzaldehyde	6.33	77	229158	29.629	ng	98
10) Phenol	6.43	94	573464	44.081	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	423964	40.748	ng	98
12) 1,3-Dichlorobenzene	6.72	146	453129	41.766	ng	96
13) 1,4-Dichlorobenzene	6.80	146	461312	42.510	ng	98
14) 1,2-Dichlorobenzene	6.95	146	439191	43.299	ng	98
15) Benzyl Alcohol	6.93	79	380471	41.486	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	756981	36.069	ng	99
17) 2-Methylphenol	7.04	107	358188	39.000	ng	99
18) Hexachloroethane	7.30	117	181231	45.571	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	295897	40.265	ng	100
20) 3+4-Methylphenols	7.19	107	446205	39.642	ng	# 78
22) Acetophenone	7.19	105	577902	38.619	ng	# 89
24) Nitrobenzene	7.37	77	484360	39.332	ng	96
25) Isophorone	7.60	82	877522	37.541	ng	98
26) 2-Nitrophenol	7.68	139	253997	52.384	ng	95
27) 2,4-Dimethylphenol	7.72	122	400104	39.907	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	553660	40.056	ng	99
29) 2,4-Dichlorophenol	7.93	162	386082	41.910	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	421614	41.384	ng	98
31) Naphthalene	8.09	128	1351808	41.946	ng	98
32) Benzoic acid	7.84	122	310150	48.091	ng	100
33) 4-Chloroaniline	8.14	127	275769	18.674	ng	97
34) Hexachlorobutadiene	8.21	225	238370	41.818	ng	98
35) Caprolactam	8.50	113	118932m	39.448	ng	
36) 4-Chloro-3-methylphenol	8.62	107	415391	41.256	ng	98
37) 2-Methylnaphthalene	8.79	142	887012	41.938	ng	98
38) 1-Methylnaphthalene	8.88	142	851367	42.527	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	393294	42.691	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	483400	92.296	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	288307	43.731	nq	99
44) 2,4,5-Trichlorophenol	9.10	196	300744	40.721	nq	93
46) 1,1'-Biphenyl	9.25	154	1064550	41.586	nq	98
47) 2-Chloronaphthalene	9.27	162	837139	41.749	nq	98
48) 2-Nitroaniline	9.37	65	291155	42.068	nq	96
49) Acenaphthylene	9.69	152	1314358	41.741	nq	99
50) Dimethylphthalate	9.55	163	946233	42.384	nq	99
51) 2,6-Dinitrotoluene	9.61	165	215454	45.024	nq	94
52) Acenaphthene	9.86	154	816270	41.582	nq	98
53) 3-Nitroaniline	9.78	138	155112	25.675	nq	88
54) 2,4-Dinitrophenol	9.89	184	257041	120.124	nq	94
55) Dibenzofuran	10.03	168	1195965	42.493	nq	99
56) 4-Nitrophenol	9.95	139	386979	81.198	nq	97
57) 2,4-Dinitrotoluene	10.02	165	287789	47.740	nq	95
58) Fluorene	10.37	166	914439	43.936	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.15	232	259651	47.034	nq	97
60) Diethylphthalate	10.26	149	962065	42.458	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	433514	42.594	nq	99
62) 4-Nitroaniline	10.40	138	236885	40.890	nq	93
63) Azobenzene	10.53	77	918072	40.235	nq	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	162271	64.008	nq	84
66) n-Nitrosodiphenylamine	10.49	169	830229	41.831	nq	100
67) 4-Bromophenyl-phenylether	10.86	248	279572	40.604	nq	# 91
68) Hexachlorobenzene	10.93	284	305865	43.403	nq	# 92
69) Atrazine	11.02	200	249576	45.868	nq	99
70) Pentachlorophenol	11.12	266	355269	85.979	nq	99
71) Phenanthrene	11.34	178	1333121	42.525	nq	99
72) Anthracene	11.39	178	1383521	43.423	nq	98
73) Carbazole	11.55	167	1271407	40.316	nq	98
74) Di-n-butylphthalate	11.88	149	1492215	44.233	nq	100
75) Fluoranthene	12.53	202	1464958	43.180	nq	99
77) Benzidine	12.65	184	561182	29.632	nq	98
78) Pyrene	12.76	202	1479674	40.289	nq	98
80) Butylbenzylphthalate	13.38	149	628261	42.295	nq	100
81) Benzo(a)anthracene	13.95	228	1194663	41.053	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	320627	27.944	nq	98
83) Chrysene	13.99	228	1228047	40.890	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	805817	45.507	nq	100
85) Di-n-octyl phthalate	14.56	149	1383805	44.435	nq	98
86) Indeno(1,2,3-cd)pyrene	16.83	276	1447753	51.184	nq	99
88) Benzo(b)fluoranthene	14.99	252	1281010	41.772	nq	99
89) Benzo(k)fluoranthene	15.02	252	1149257	39.357	nq	97
90) Benzo(a)pyrene	15.34	252	1118795	40.144	nq	99
91) Dibenzo(a,h)anthracene	16.85	278	1186015	48.654	nq	99
92) Benzo(g,h,i)perylene	17.26	276	1179460	48.162	nq	100

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

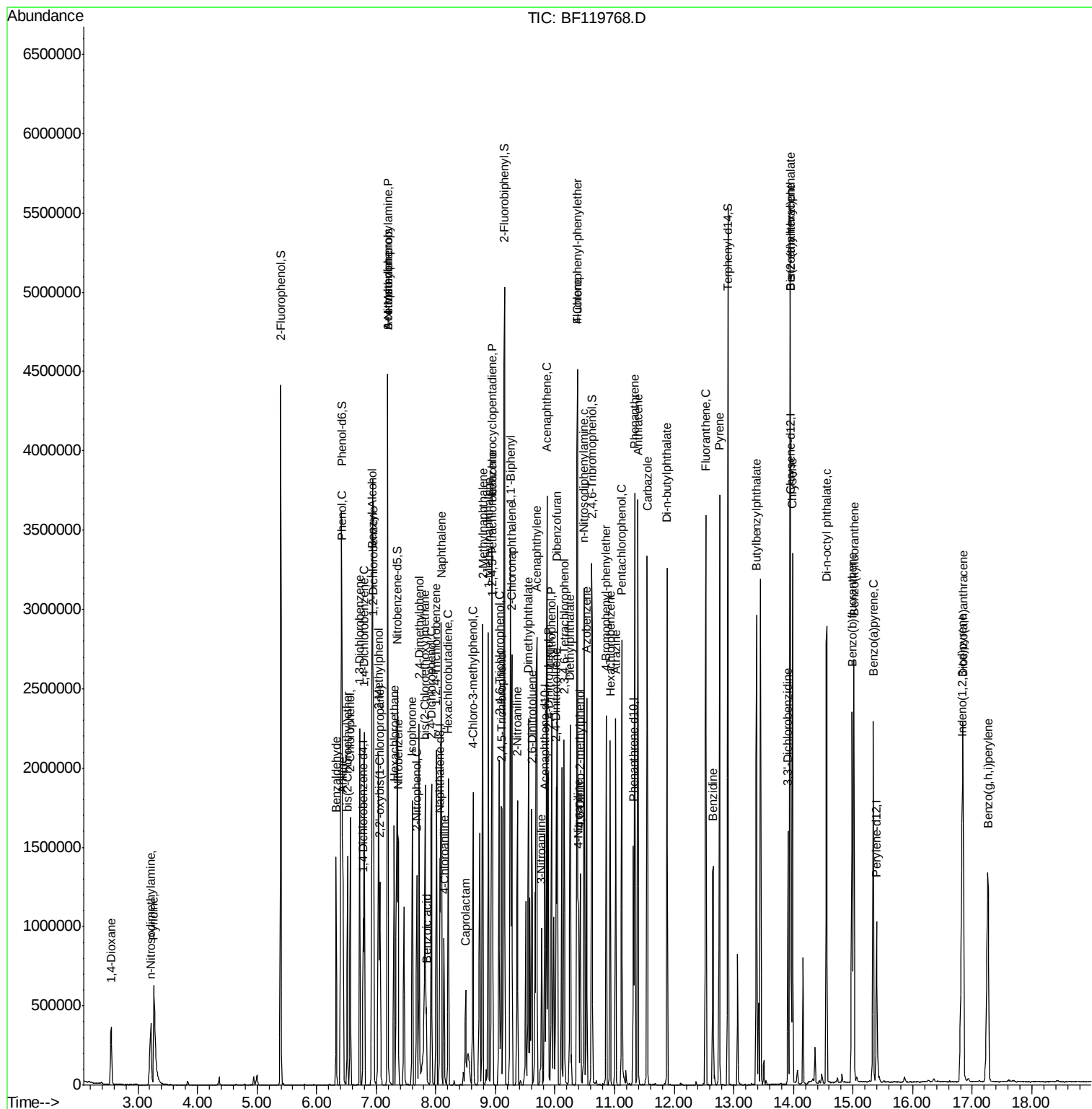
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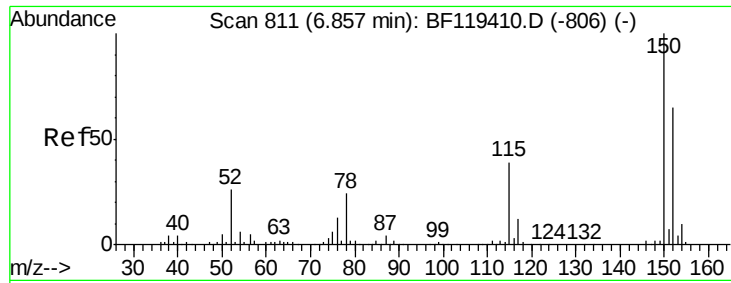
Instrument :
BNA_F
ClientSampleId :
PB128003BS

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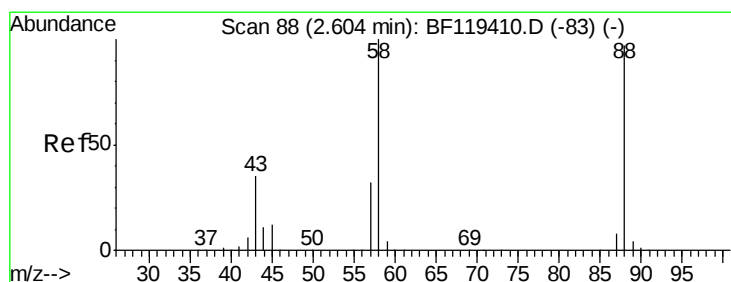
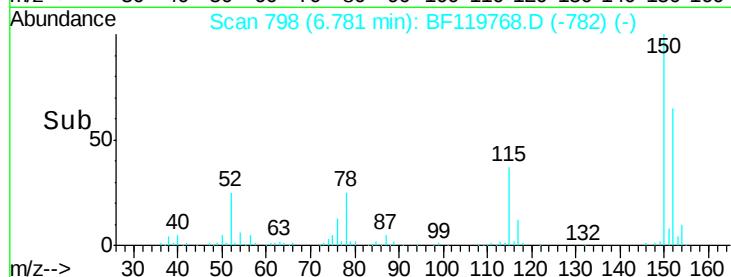
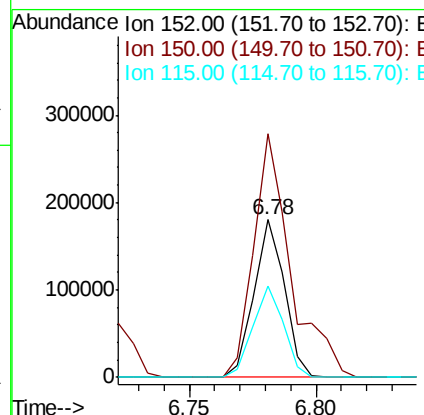
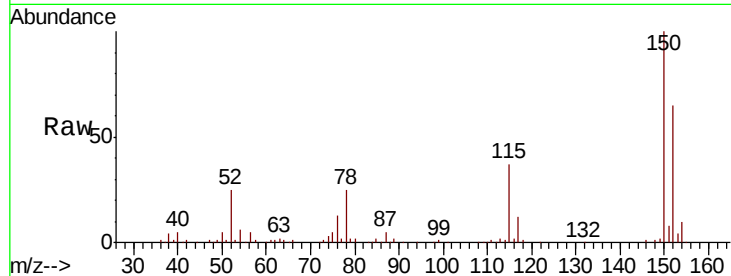
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.5	186.7
115	57.8	49.6	74.4

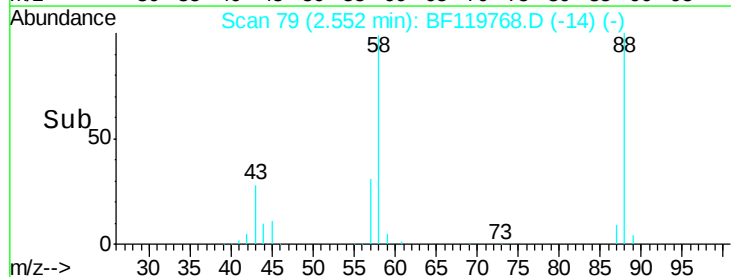
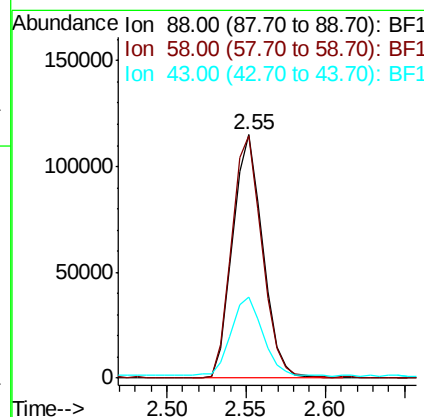
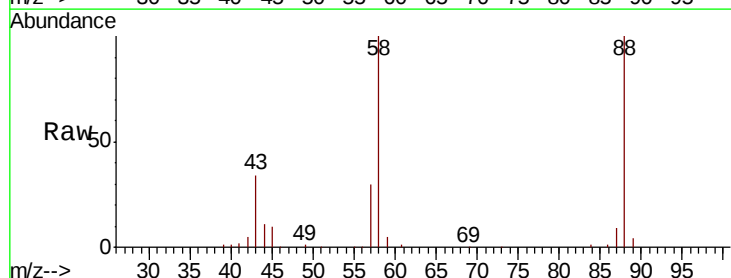
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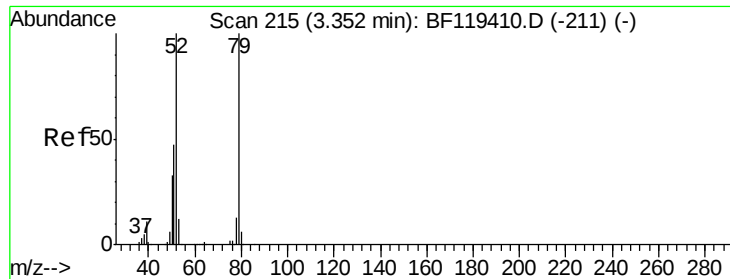
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#2
1,4-Dioxane
Concen: 32.081 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.5	80.6	121.0
43	34.1	27.5	41.3





#3

Pvridine

Concen: 32.891 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion: 79 Resp: 427133

Ion Ratio Lower Upper

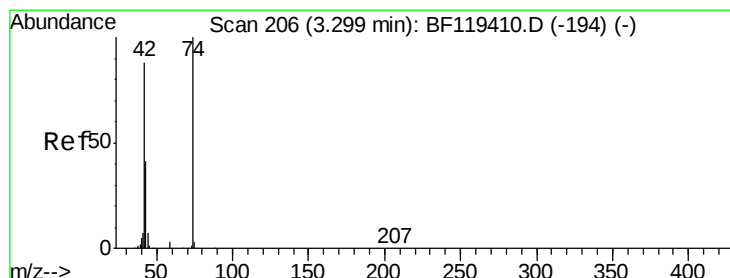
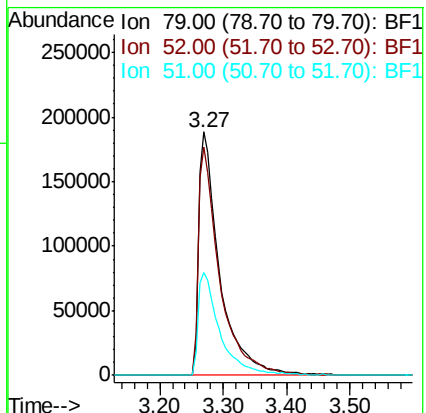
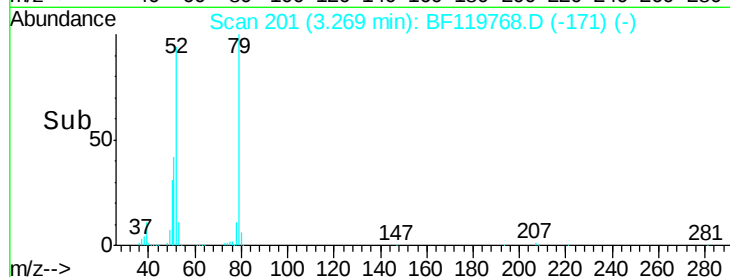
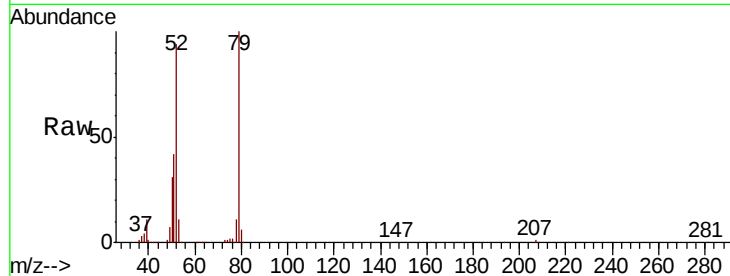
79 100

52 93.7 80.2 120.2

51 42.2 37.7 56.5

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#4

n-Nitrosodimethylamine

Concen: 37.428 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.07 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

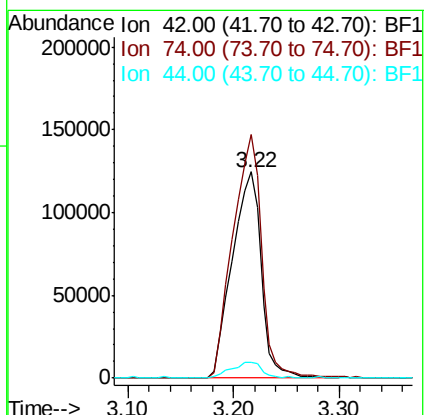
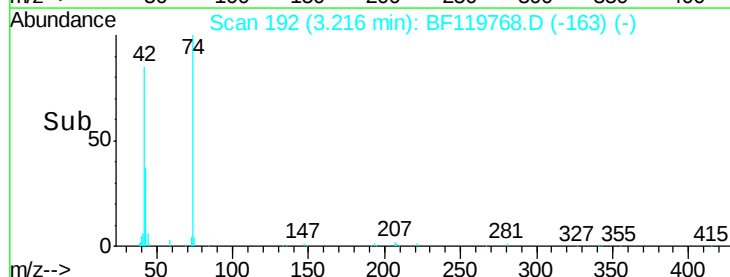
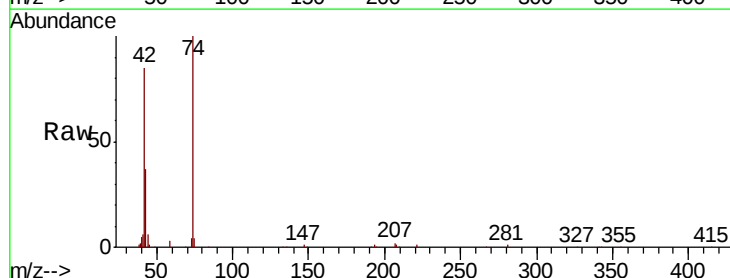
Tgt Ion: 42 Resp: 237027

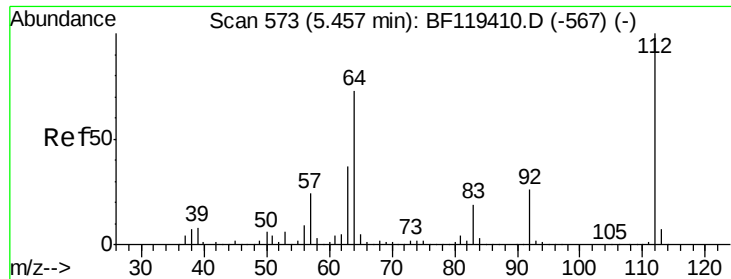
Ion Ratio Lower Upper

42 100

74 118.2 91.5 137.3

44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 122.858 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion: 112 Resp: 1172580

Ion Ratio Lower Upper

112 100

64 70.8 56.7 85.1

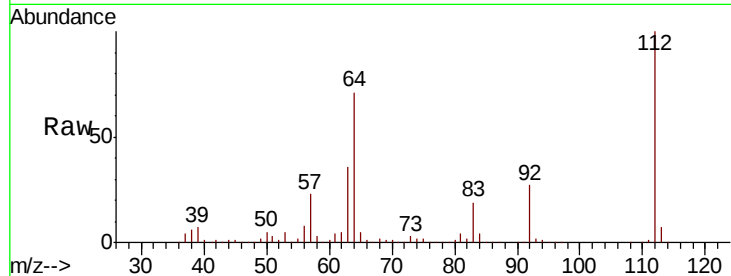
63 36.0 29.5 44.3

Manual Integrations

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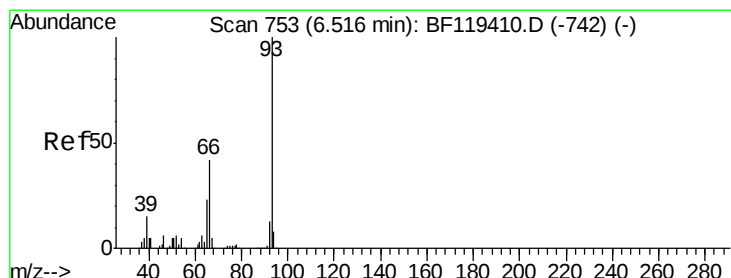
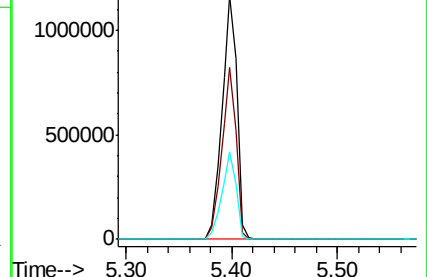
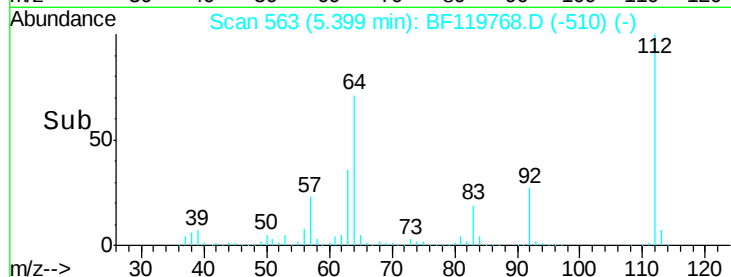
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.249 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

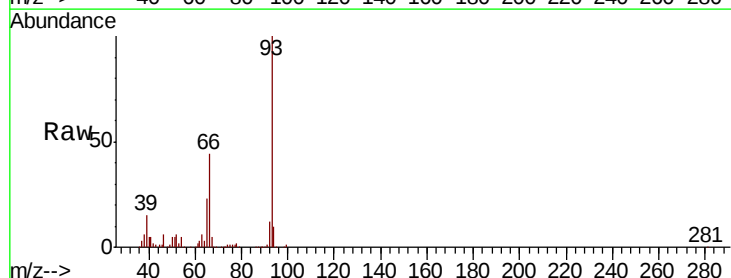
Tgt Ion: 93 Resp: 458523

Ion Ratio Lower Upper

93 100

66 44.0 34.9 52.3

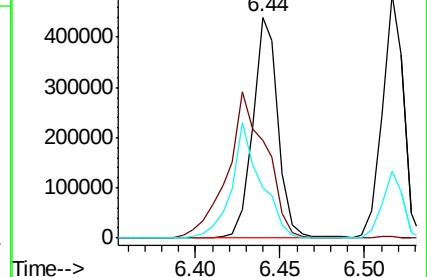
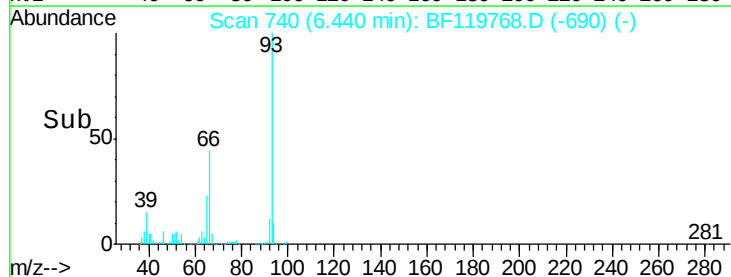
65 22.7 18.6 27.8

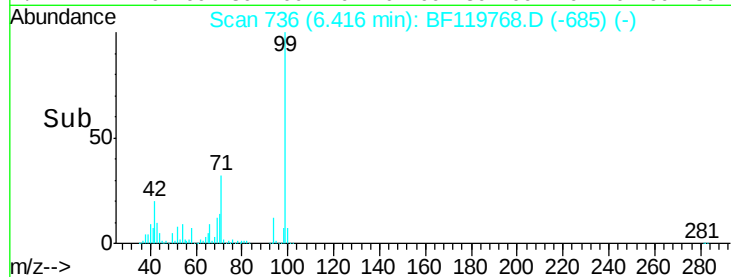
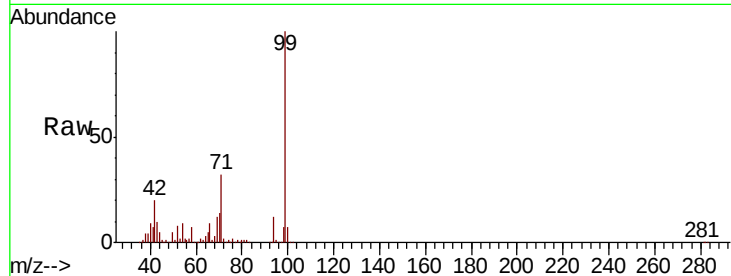
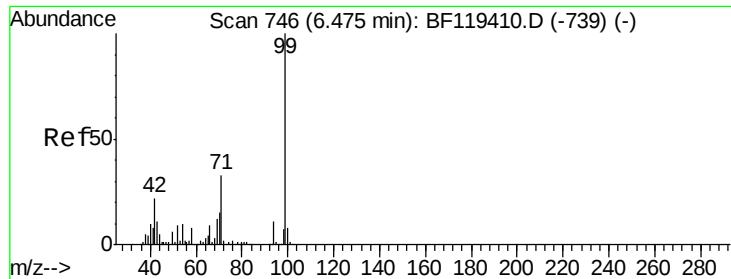


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.183 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tot Ion:	99	Resp:	1428707
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.6	24.8
71	32.5	26.4	39.6

Instrument :

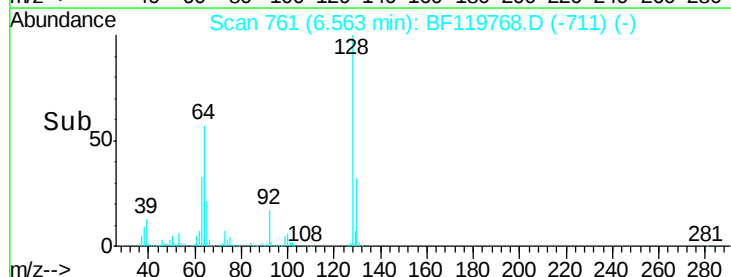
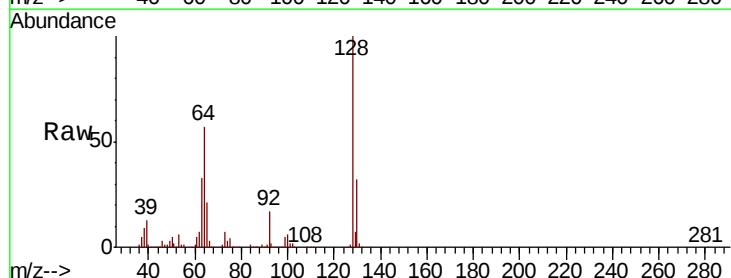
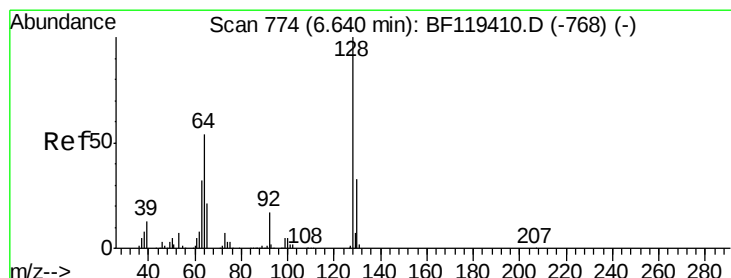
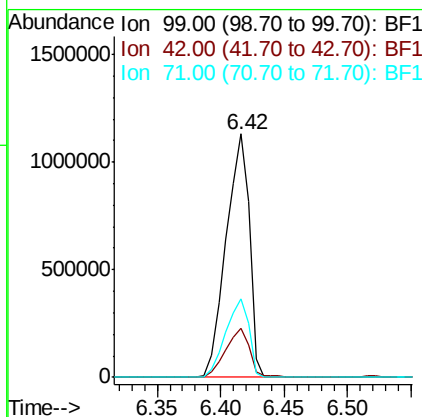
BNA_F

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#8

2-Chlorophenol

Concen: 45.350 ng

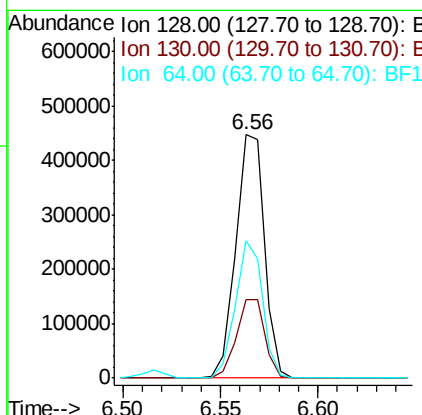
RT: 6.56 min Scan# 761

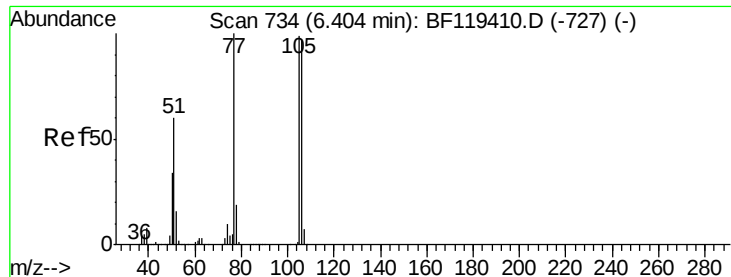
Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tgt Ion:	128	Resp:	454590
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.6	52.6
64	56.6	35.3	75.3





#9

Benzaldehyde

Concen: 29.629 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

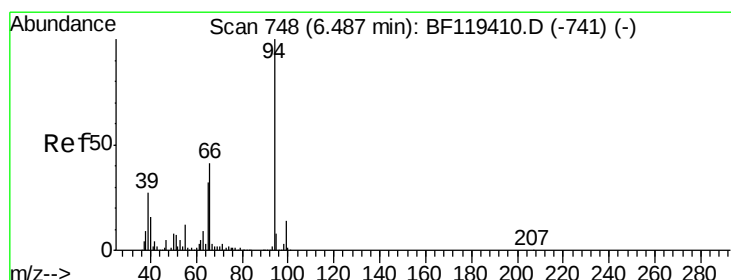
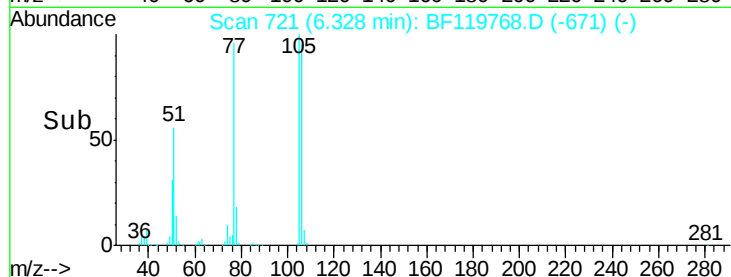
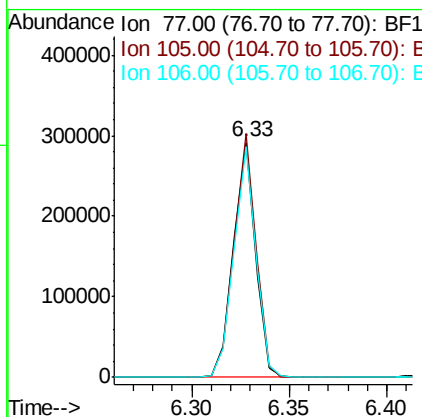
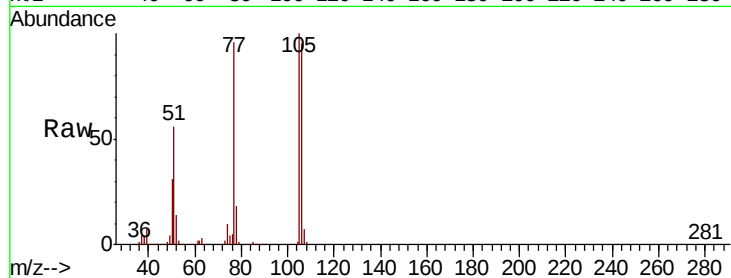
ClientSampleId :

PB128003BS

Tot Ion:	77	Resp:	229158
Ion	Ratio	Lower	Upper
77	100		
105	103.6	80.9	120.9
106	98.3	77.9	117.9

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#10

Phenol

Concen: 44.081 ng

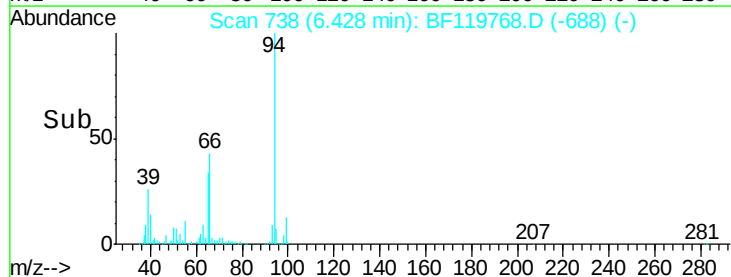
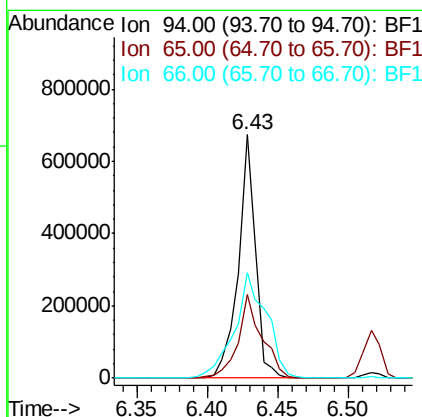
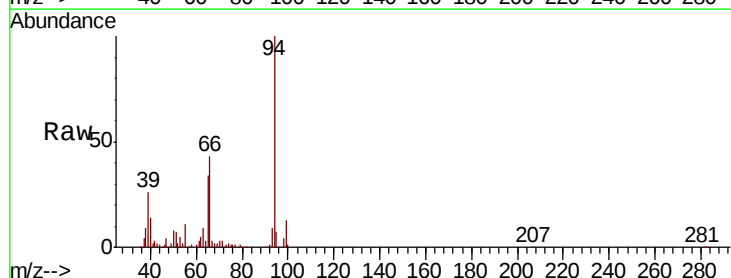
RT: 6.43 min Scan# 738

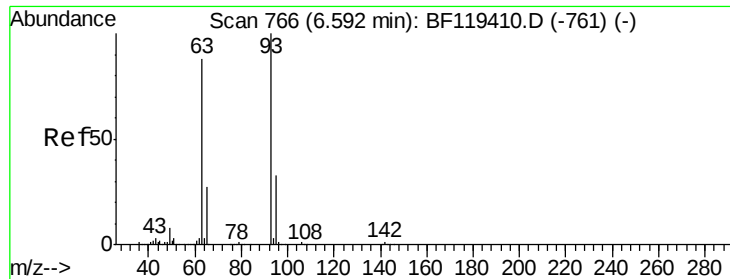
Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tgt Ion:	94	Resp:	573464
Ion	Ratio	Lower	Upper
94	100		
65	34.2	13.2	53.2
66	43.3	22.3	62.3





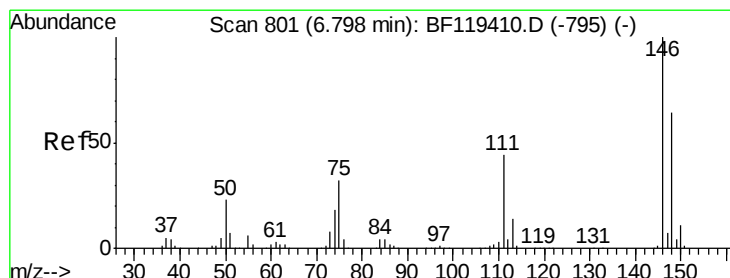
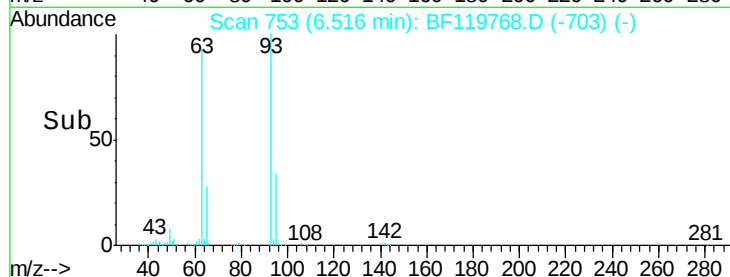
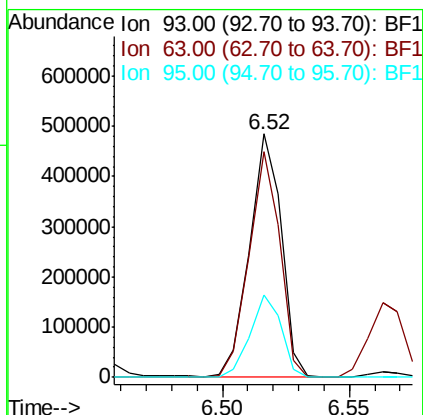
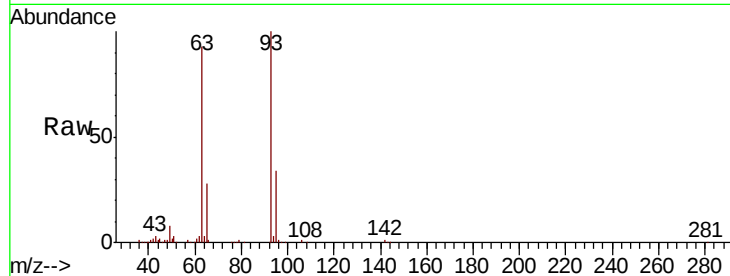
#11
bis(2-Chloroethyl)ether
Concen: 40.748 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.7	70.2	110.2
95	33.6	13.4	53.4

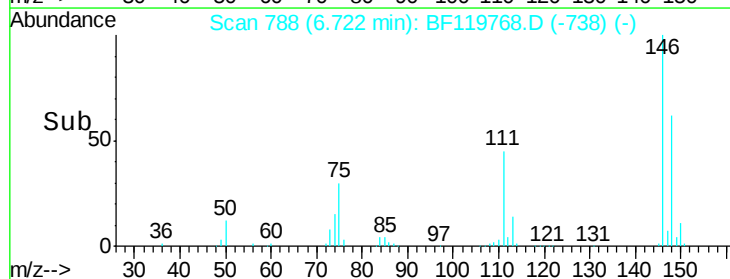
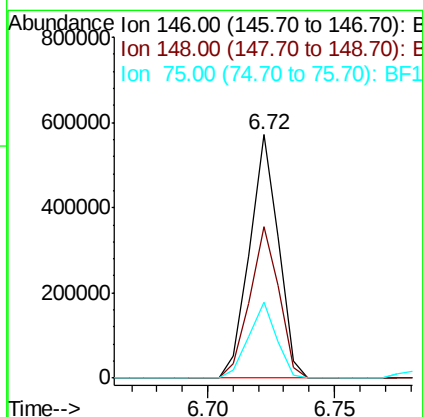
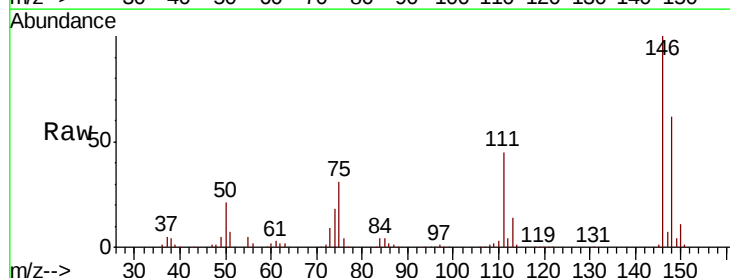
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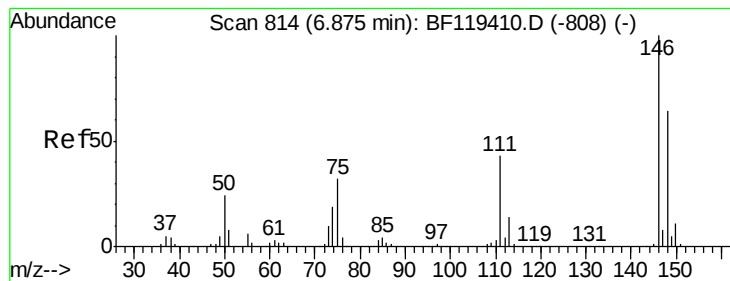
mohammad
4/8/2020 8:12:18 AM



#12
1,3-Dichlorobenzene
Concen: 41.766 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.4
75	31.4	23.0	34.4





#13

1,4-Dichlorobenzene

Concen: 42.510 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

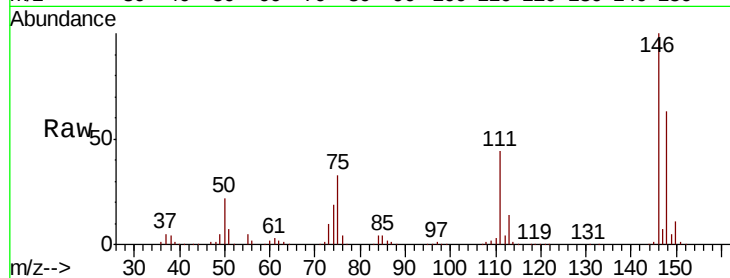
ClientSampleId :

PB128003BS

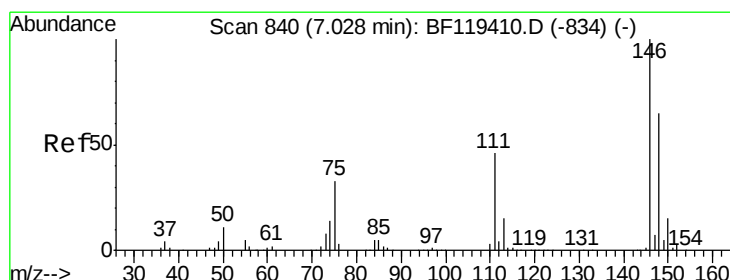
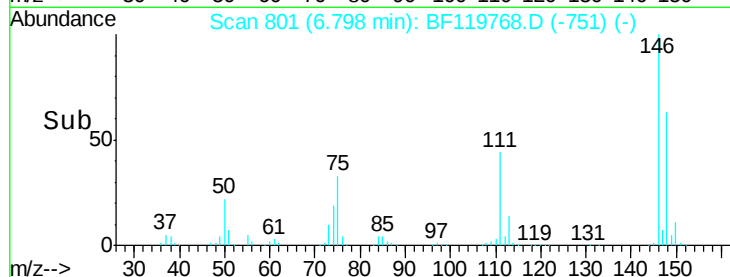
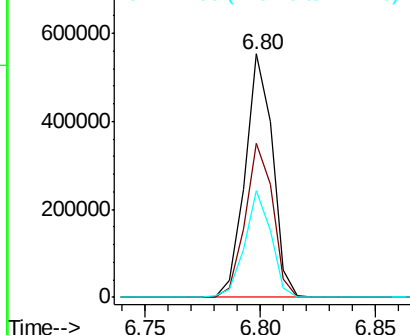
Tot Ion:	146	Resp:	461312
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.5	77.3
111	43.7	33.3	49.9

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



#14

1,2-Dichlorobenzene

Concen: 43.299 ng

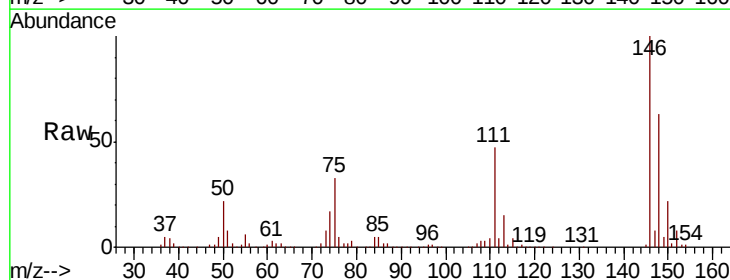
RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

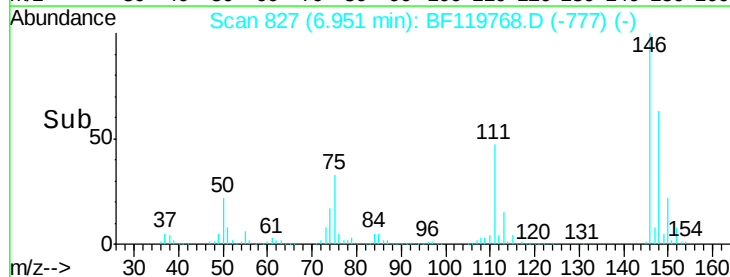
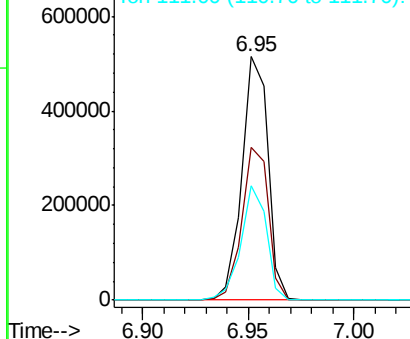
Lab File: BF119768.D

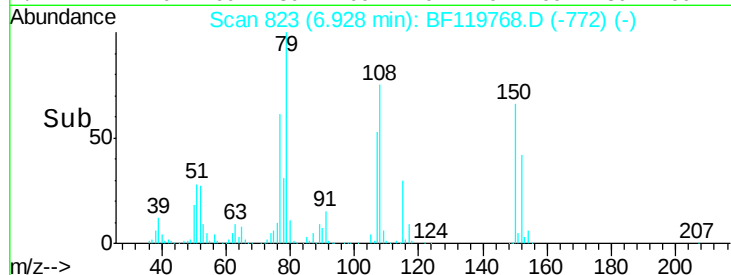
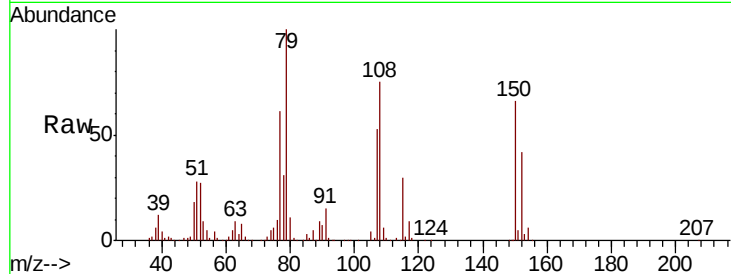
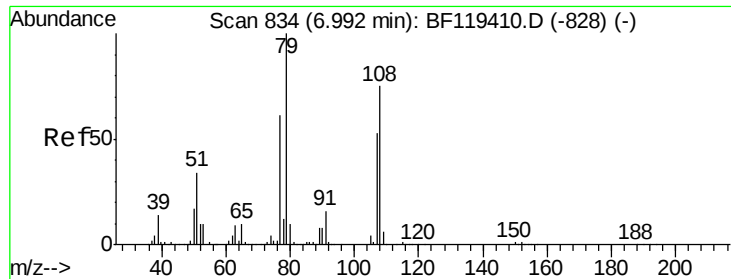
Acq: 6 Apr 2020 13:38

Tgt Ion:	146	Resp:	439191
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
111	47.1	36.1	54.1



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





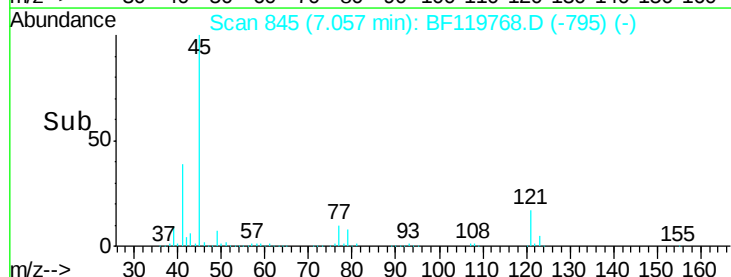
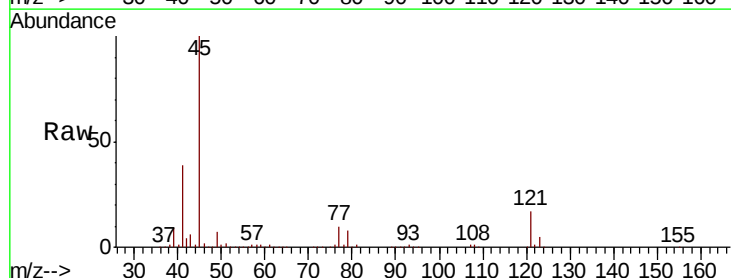
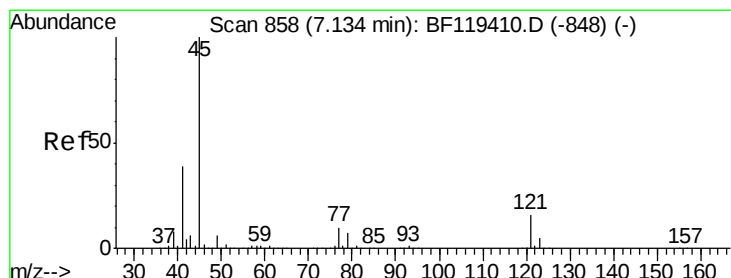
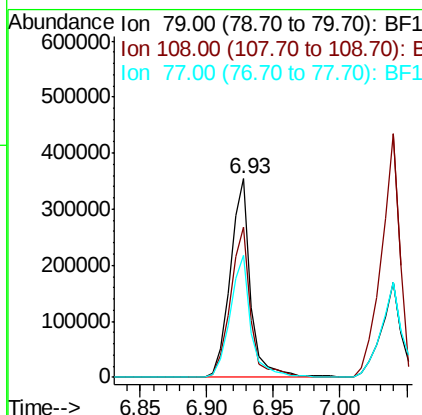
#15
Benzyl Alcohol
Concen: 41.486 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.5	60.6	90.8
77	61.4	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB128003BS

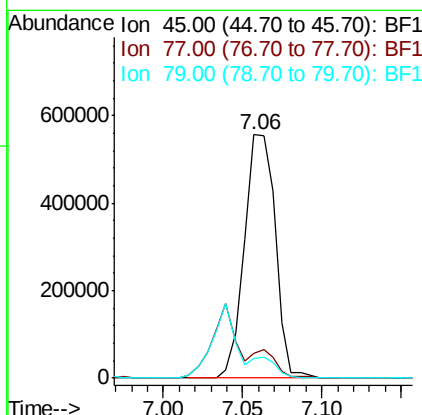
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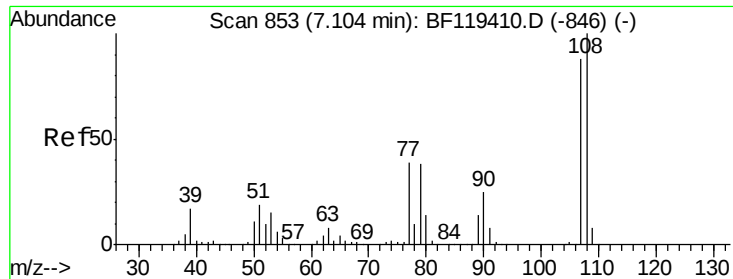
mohammad
4/8/2020 8:12:18 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.069 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	30.7
79	8.0	0.0	28.2





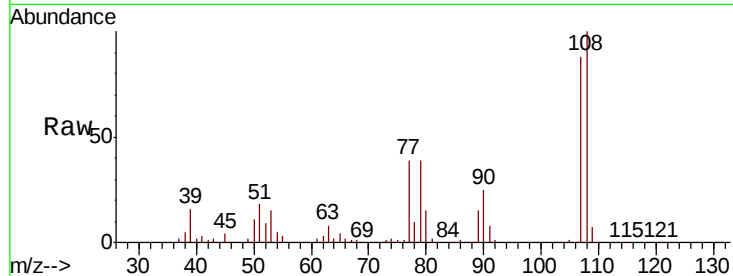
#17
2-Methylphenol
Concen: 39.000 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:	107	Resp:	358188
Ion Ratio	Lower	Upper	
107	100		
108	113.7	92.2	138.4
77	44.7	36.6	54.8
79	44.5	36.2	54.4

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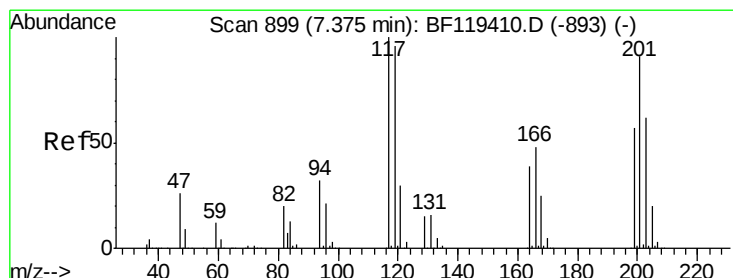
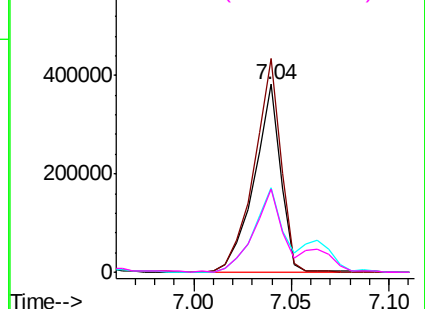
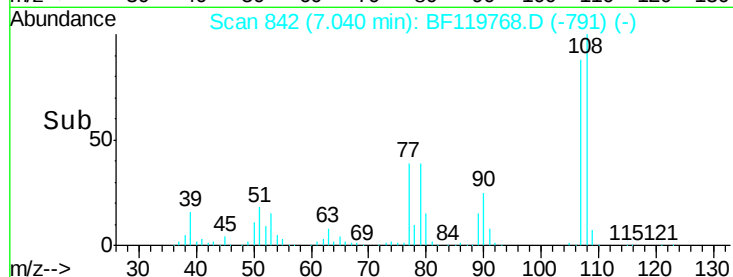
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

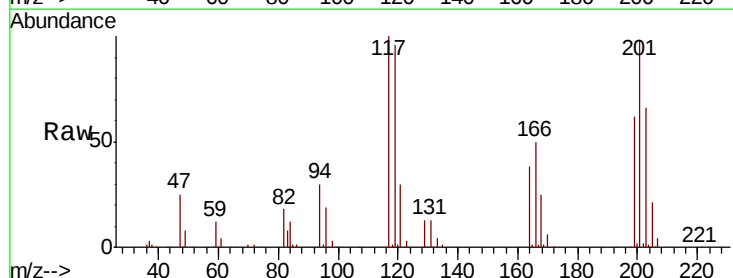
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 45.571 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:	117	Resp:	181231
Ion Ratio	Lower	Upper	
117	100		
119	95.7	76.1	114.1
201	97.8	73.0	109.6

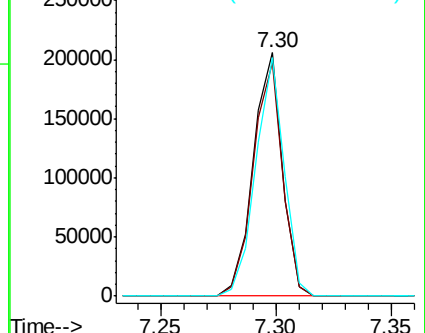
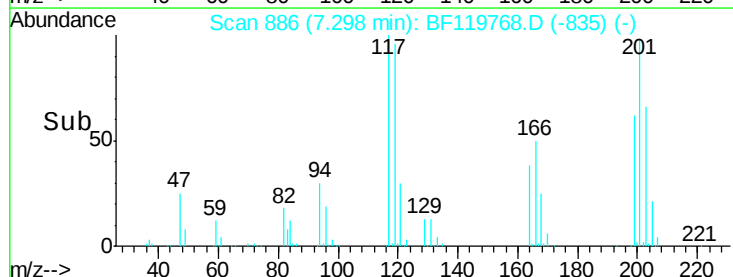


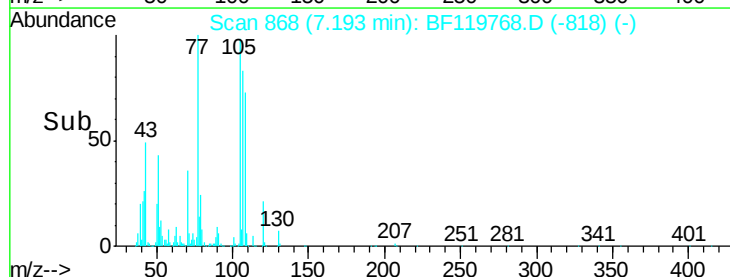
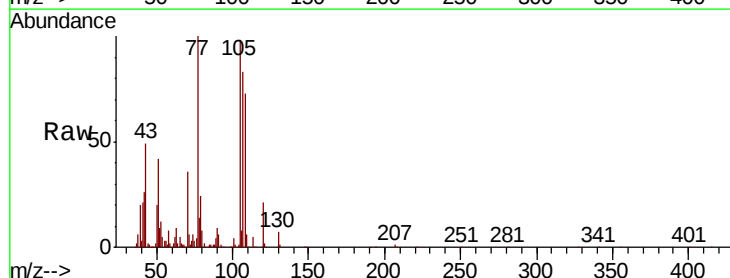
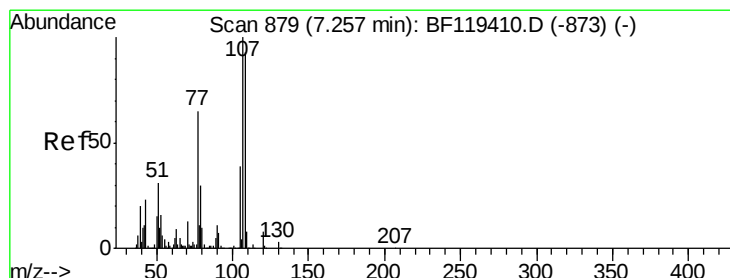
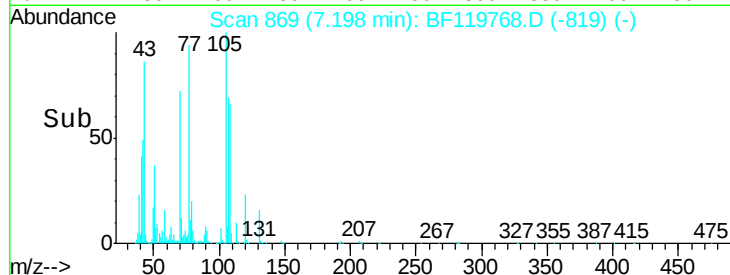
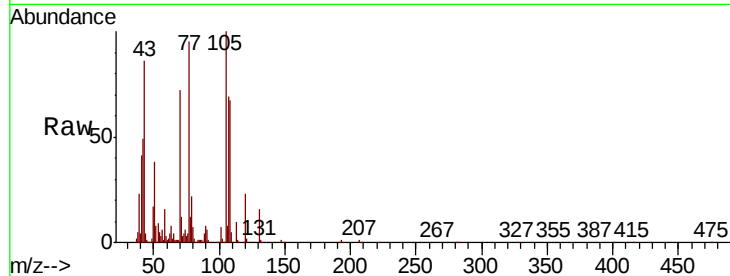
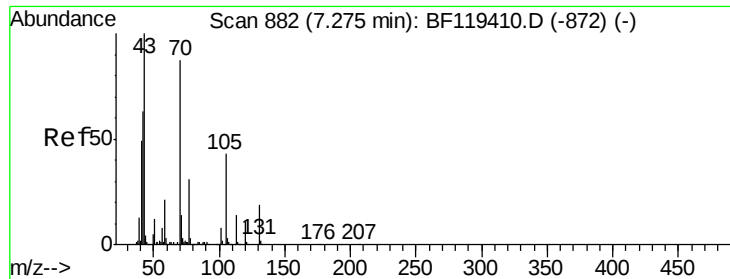
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

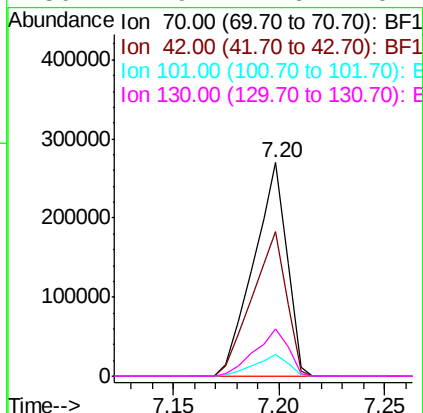
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.265 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		295897		
42	67.9	54.5	81.7		
101	9.9	7.6	11.4		
130	21.9	17.6	26.4		



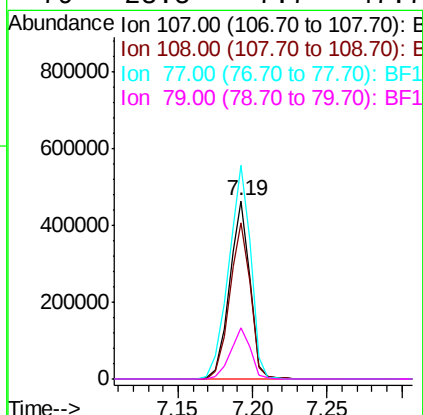
Instrument :
BNA_F
ClientSampleId :
PB128003BS

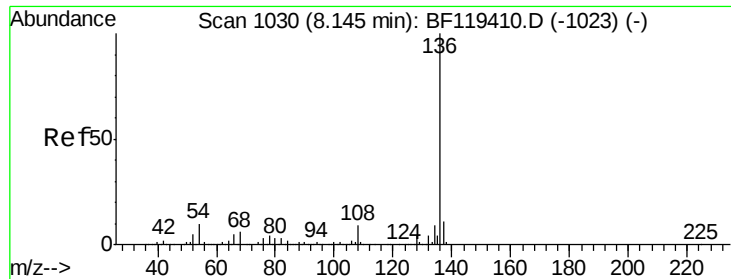
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#20
3+4-Methylphenols
Concen: 39.642 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		446205		
108	87.6	67.9	107.9		
77	120.0	52.9	92.9#		
79	28.5	7.7	47.7		





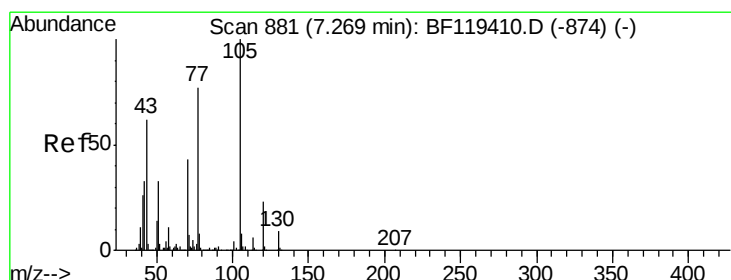
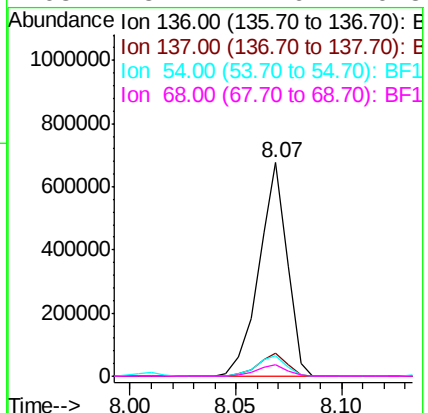
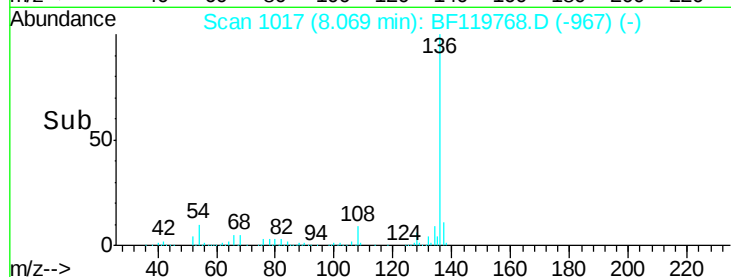
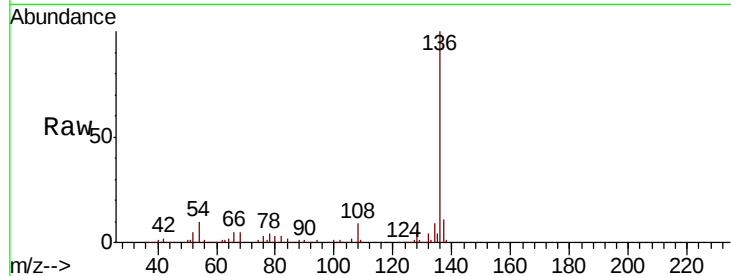
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	626252		
137	11.0	8.7	13.1	
54	9.8	9.1	13.7	
68	5.4	4.6	6.8	

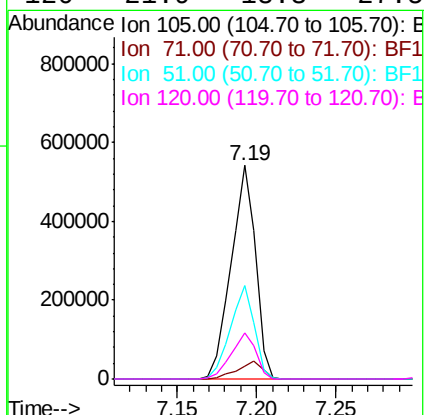
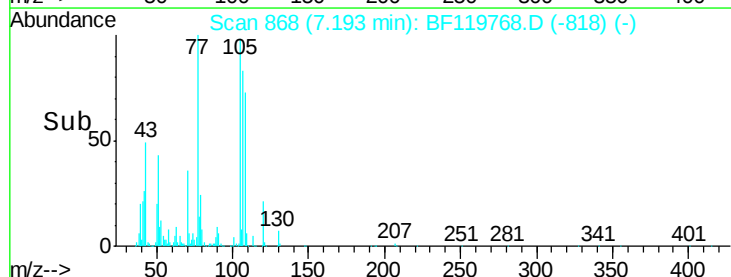
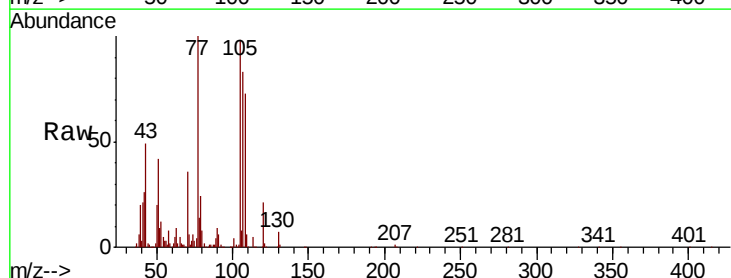
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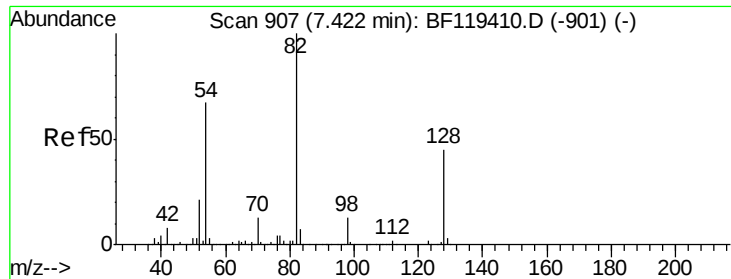
mohammad
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#22
Acetophenone
Concen: 38.619 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	577902		
71	6.0	5.7	8.5	
51	43.5	26.2	39.4	
120	21.9	18.3	27.5	





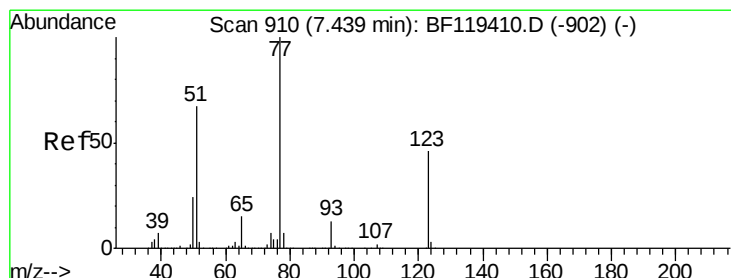
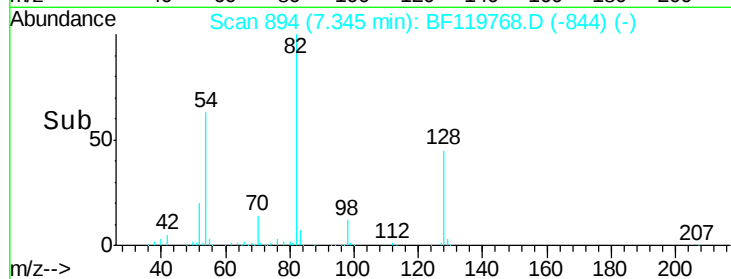
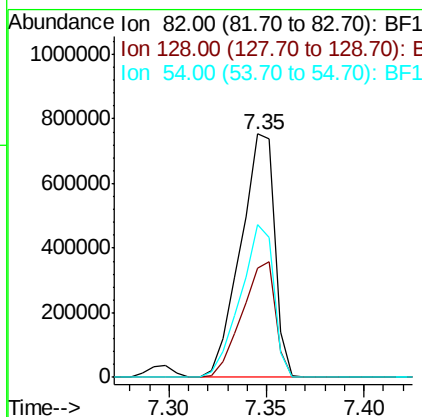
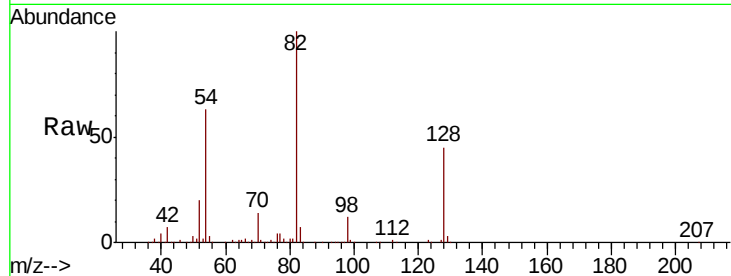
#23
 Nitrobenzene-d5
 Concen: 79.365 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	63.0	50.6	75.8

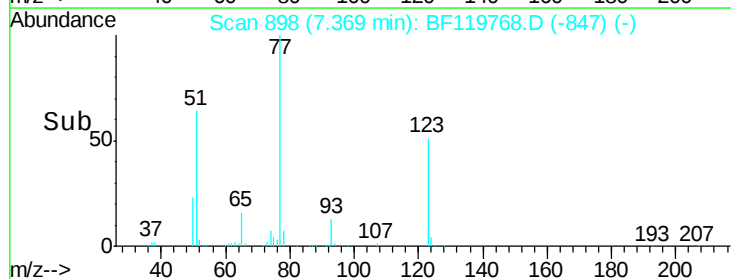
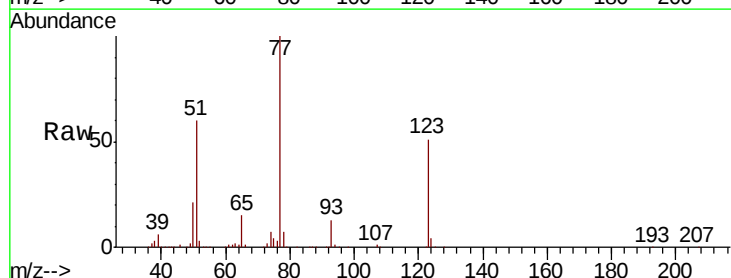
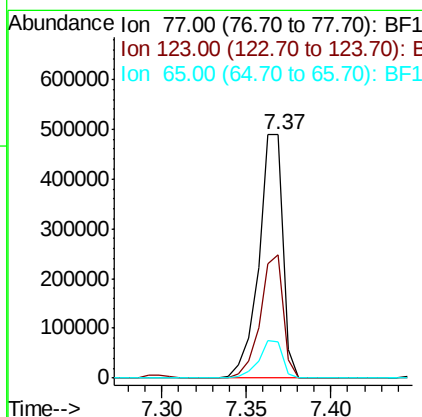
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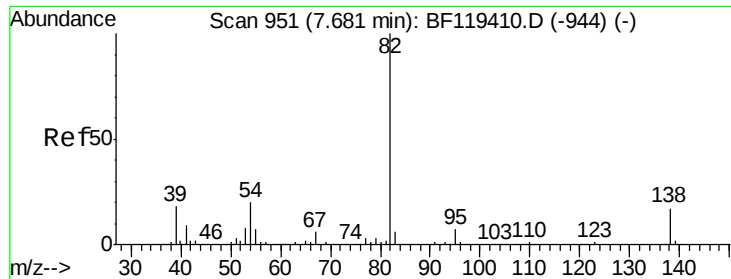
mohammad
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#24
 Nitrobenzene
 Concen: 39.332 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	38.0	57.0
65	14.9	12.6	18.8





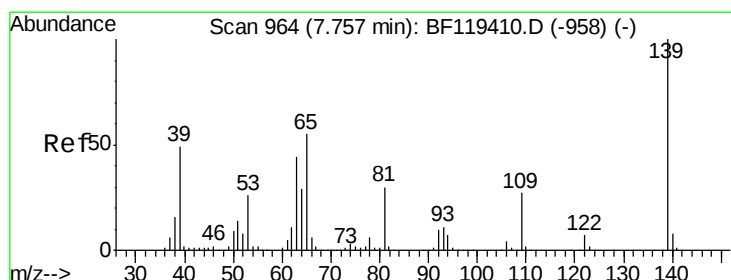
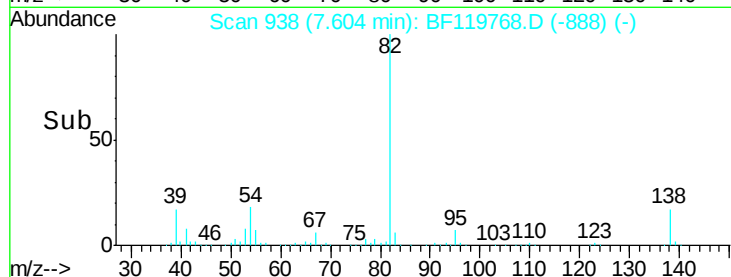
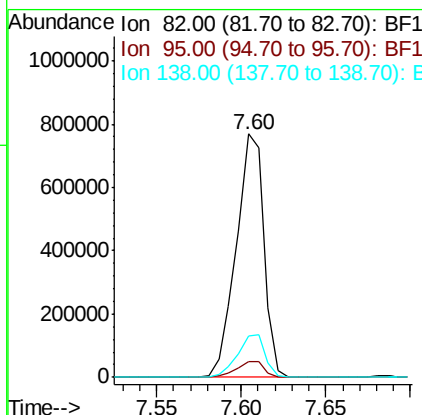
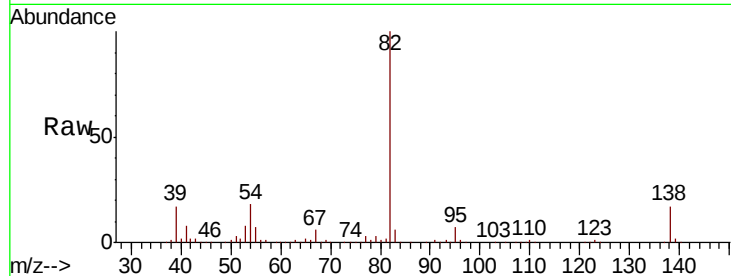
#25
Isophorone
Concen: 37.541 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	877522		
95	6.6		5.8	8.6
138	17.0		14.6	21.8

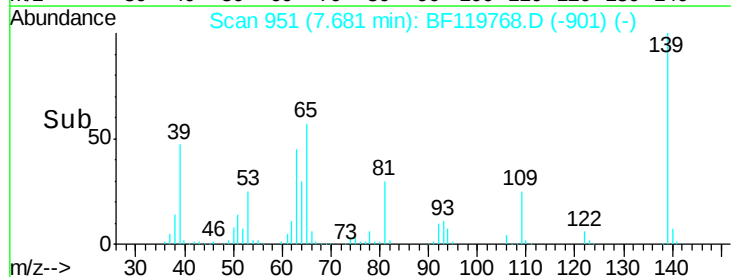
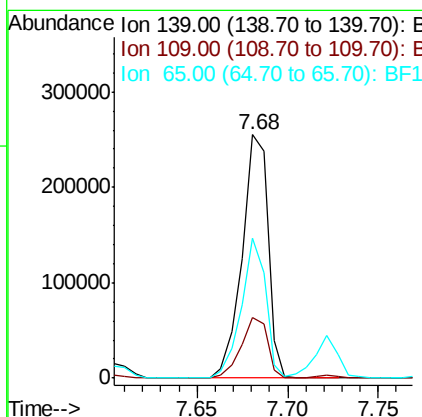
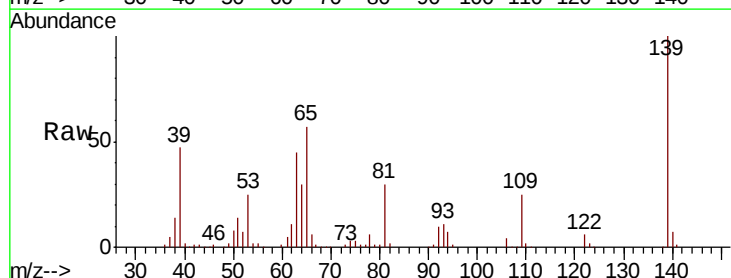
Manual Integrations
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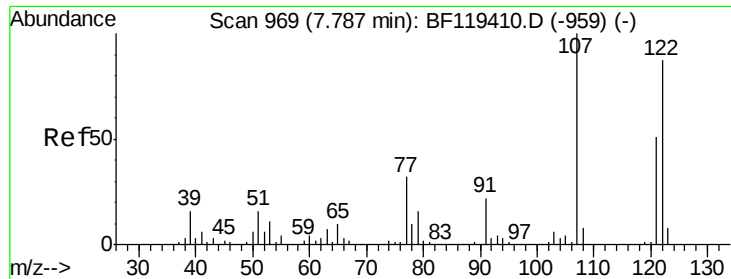
mohammad
4/8/2020 8:12:18 AM



#26
2-Nitrophenol
Concen: 52.384 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	253997		
109	24.7		22.1	33.1
65	57.3		49.2	73.8





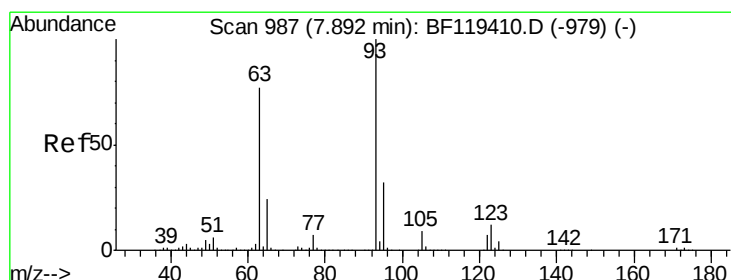
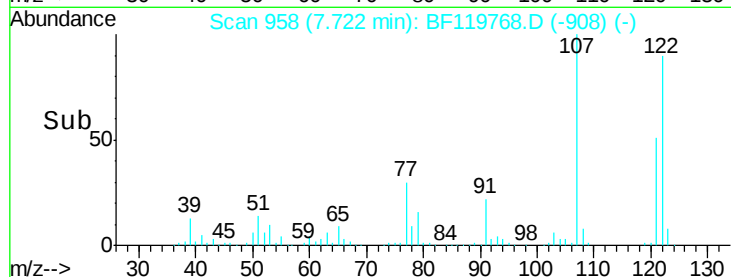
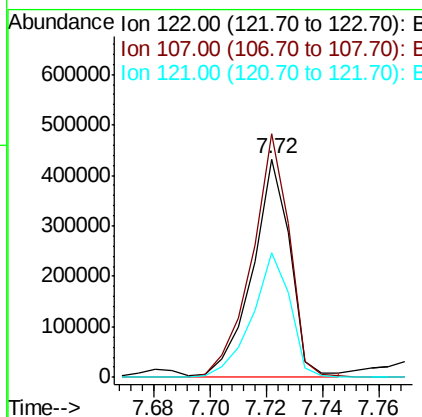
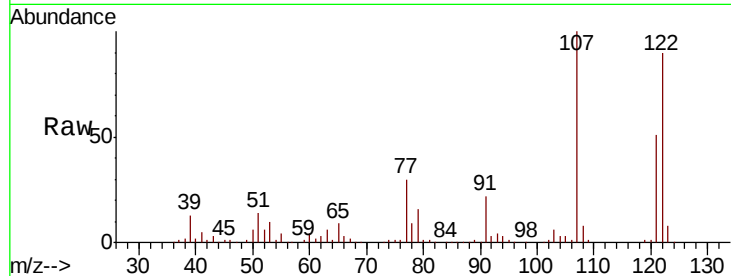
#27
2,4-Dimethylphenol
Concen: 39.907 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	89.0	133.6
121	56.8	46.7	70.1

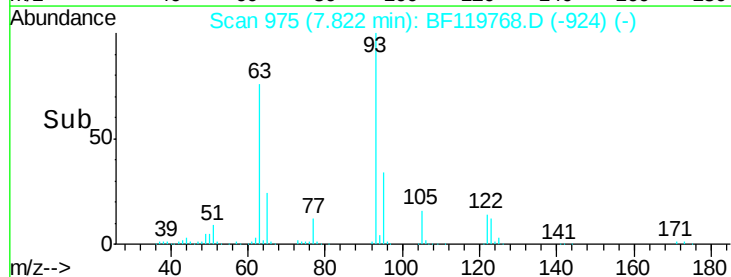
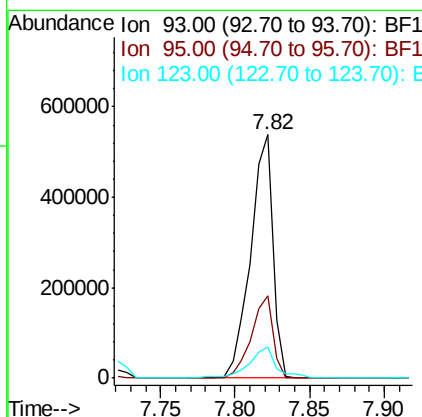
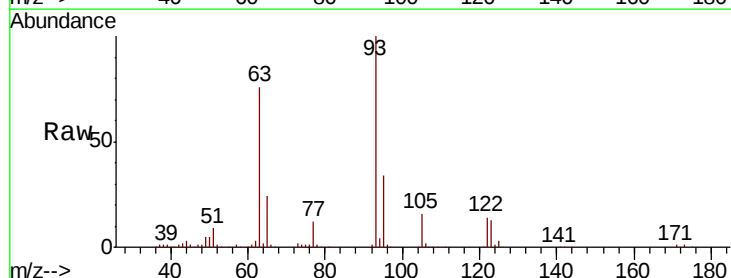
Manual Integrations
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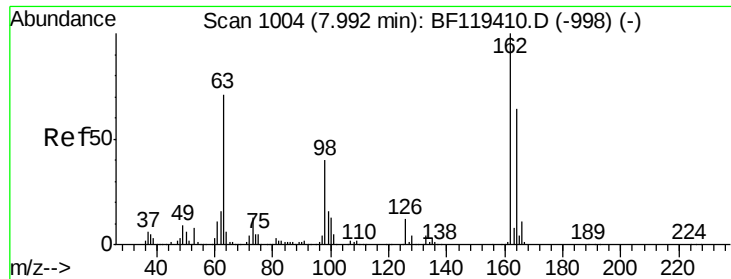
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.056 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.3	39.5
123	12.6	9.7	14.5





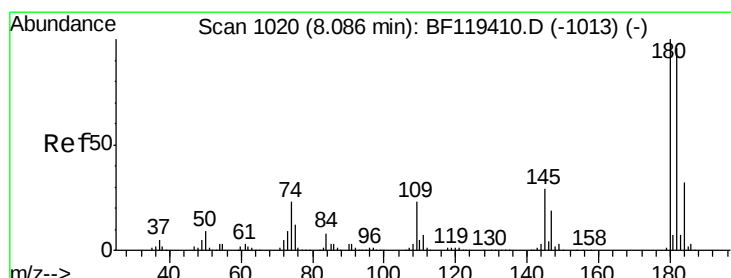
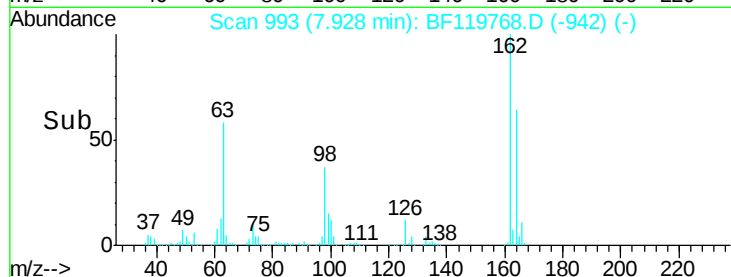
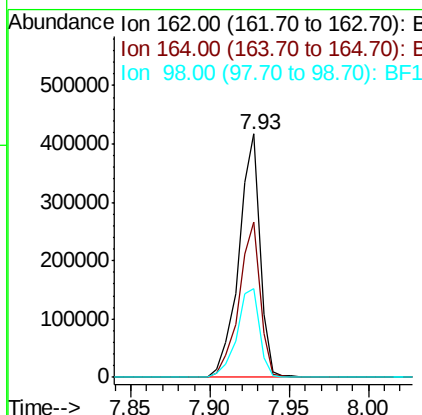
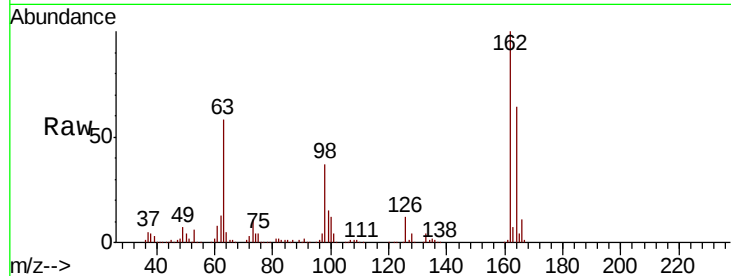
#29
2,4-Dichlorophenol
Concen: 41.910 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion:	162	Resp:	386082
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	36.5	20.7	60.7

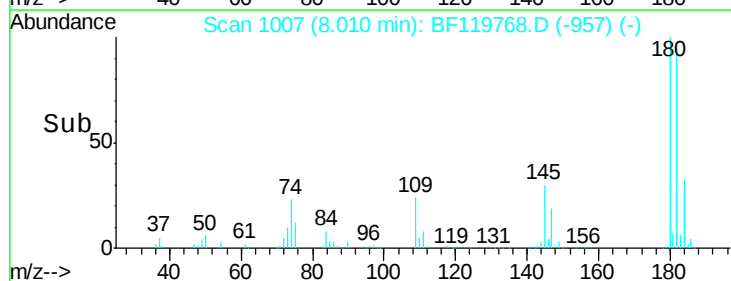
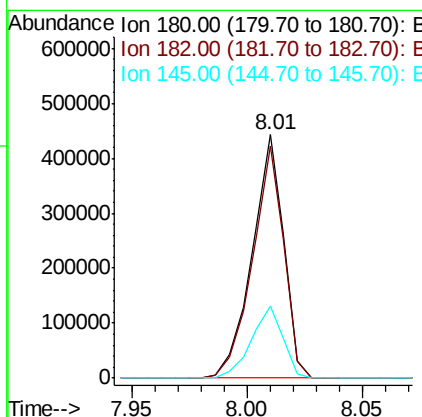
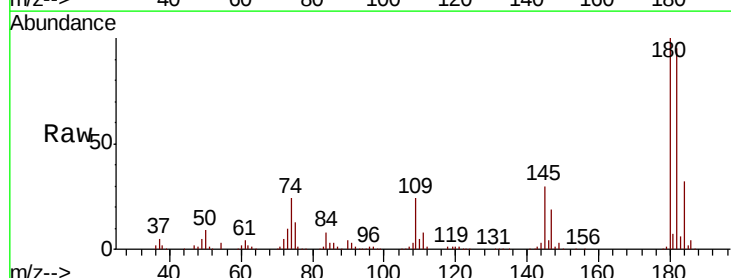
Manual Integrations
APPROVED

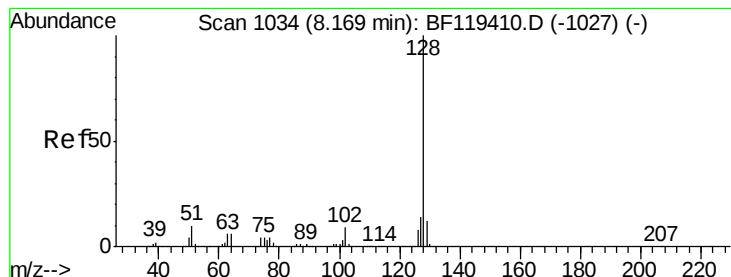
mohammad
4/8/2020 8:12:18 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.384 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:	180	Resp:	421614
Ion Ratio	Lower	Upper	
180	100		
182	95.3	74.7	112.1
145	29.5	24.5	36.7





#31

Naphthalene

Concen: 41.946 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion:128 Resp: 1351808

Ion Ratio Lower Upper

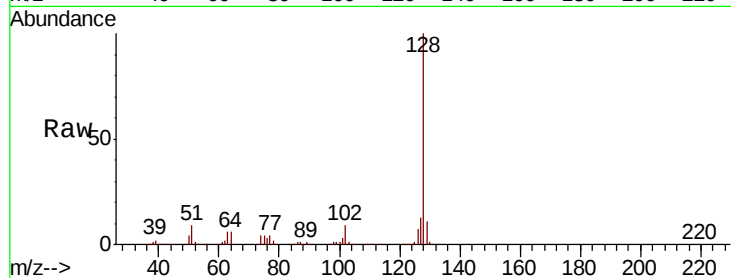
128 100

129 11.3 9.5 14.3

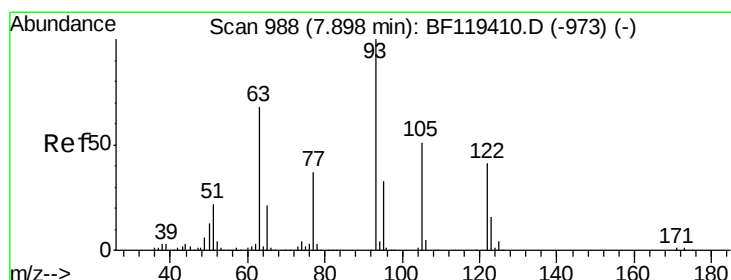
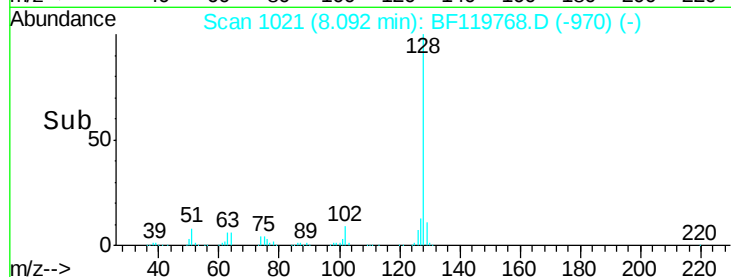
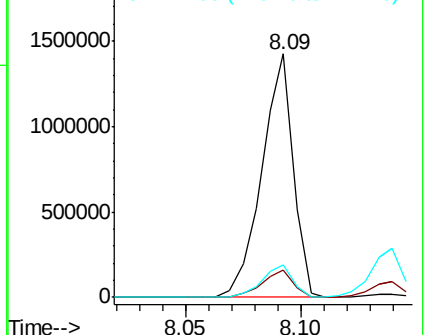
127 13.3 11.3 16.9

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



#32

Benzoic acid

Concen: 48.091 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

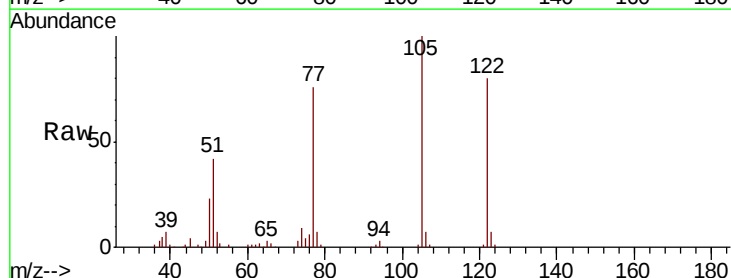
Tgt Ion:122 Resp: 310150

Ion Ratio Lower Upper

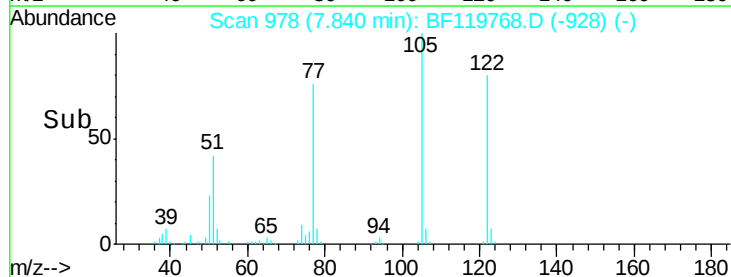
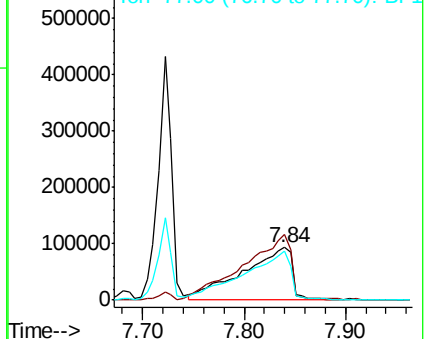
122 100

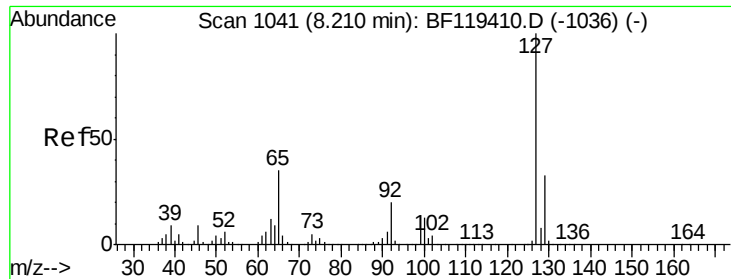
105 124.6 104.9 144.9

77 94.3 74.4 114.4



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





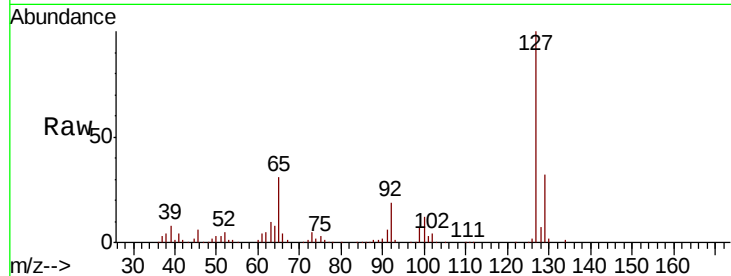
#33
4-Chloroaniline
Concen: 18.674 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		275769		
129	32.5	26.2	39.4		
65	30.7	27.4	41.0		
92	18.9	15.3	22.9		

Manual Integrations
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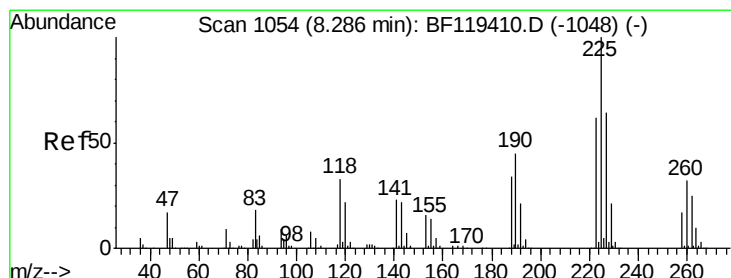
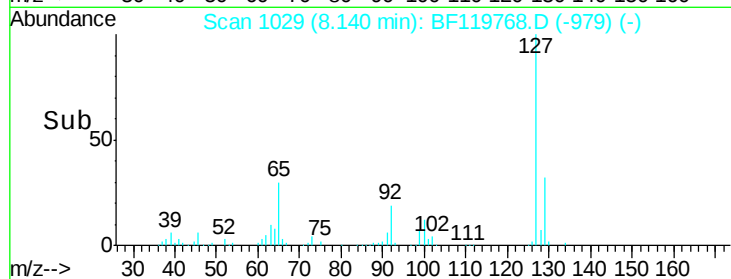
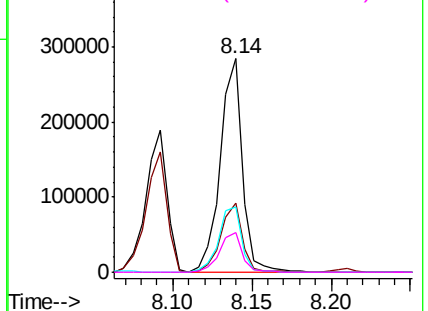
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

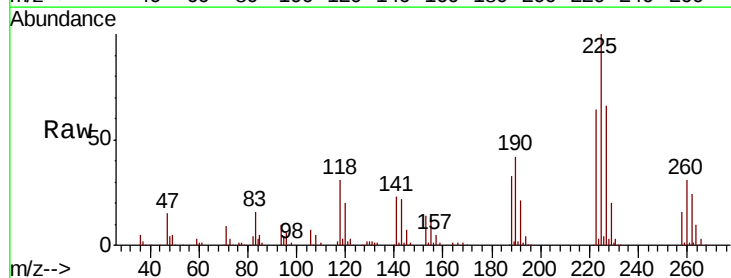
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 41.818 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		238370		
223	63.7	51.0	76.6		
227	65.7	50.7	76.1		

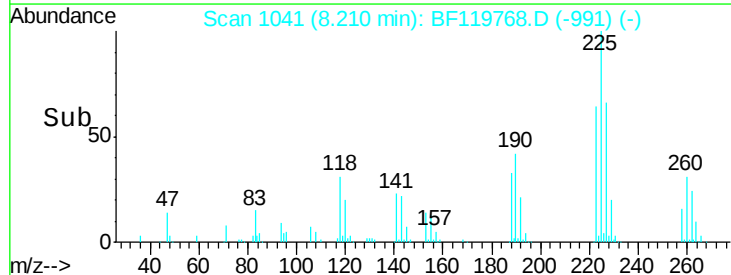
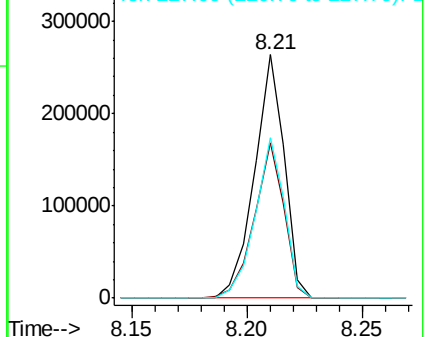


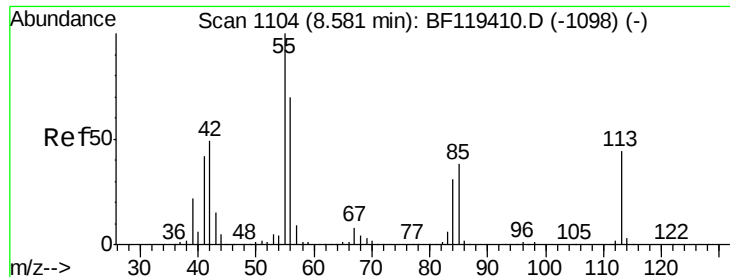
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





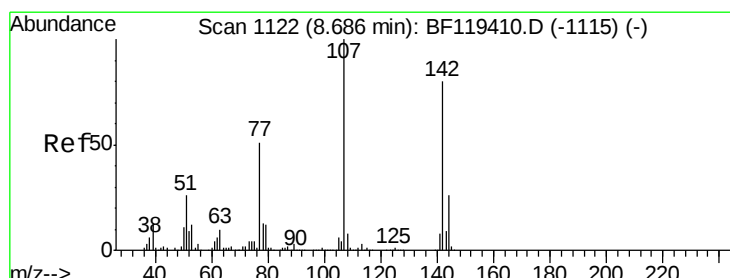
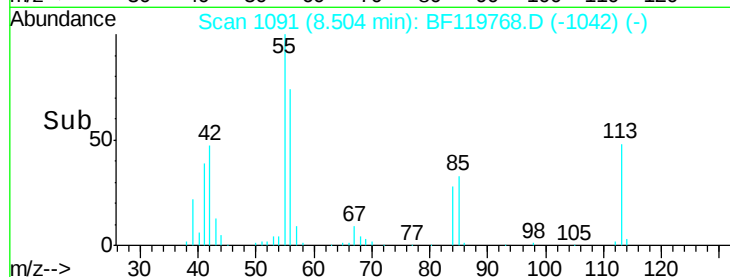
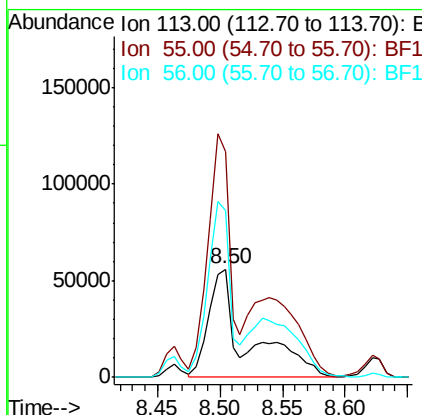
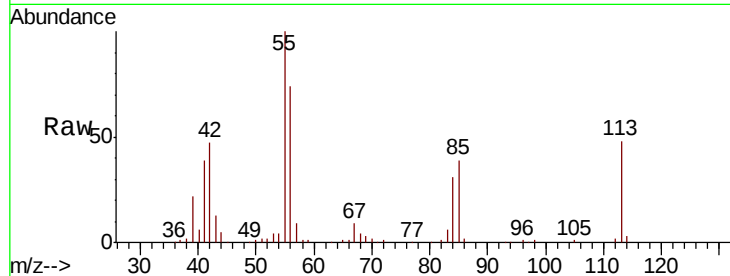
#35
Caprolactam
Concen: 39.448 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	208.3	218.4	258.4	#
56	153.4	148.9	188.9	

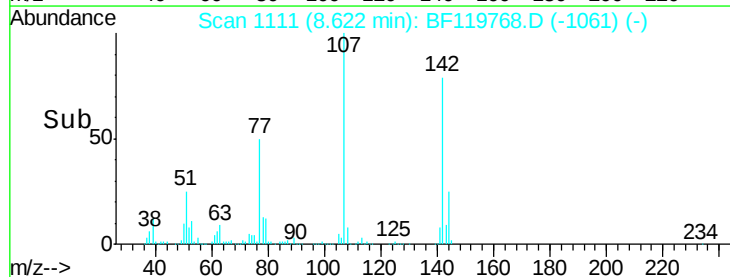
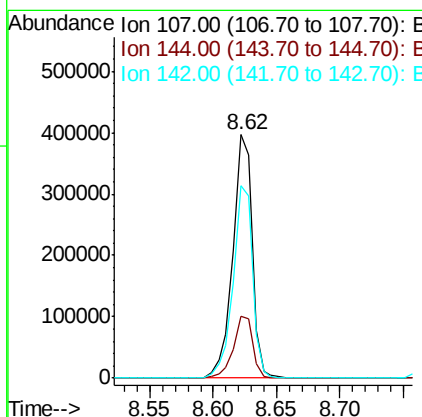
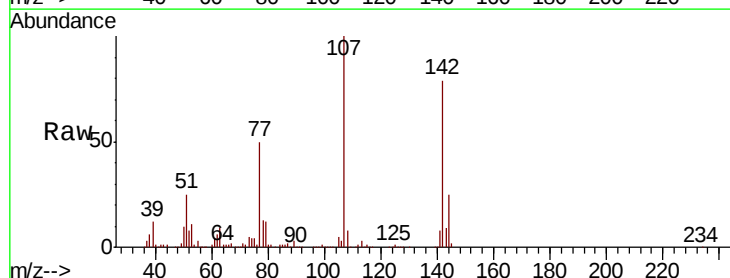
Manual Integrations
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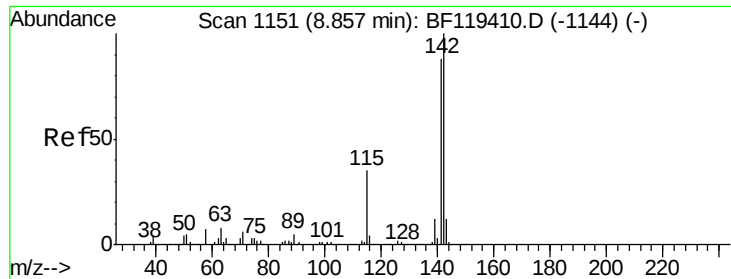
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.256 ng/ml
RT: 8.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.3	21.0	31.6	
142	79.1	64.4	96.6	





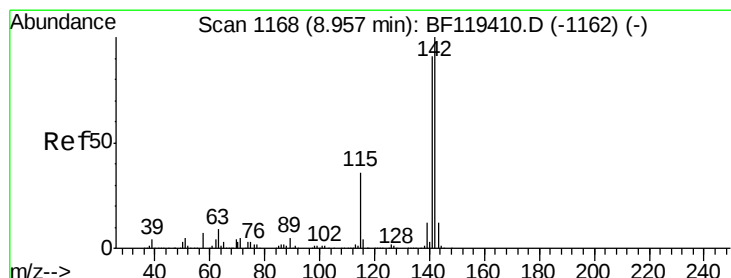
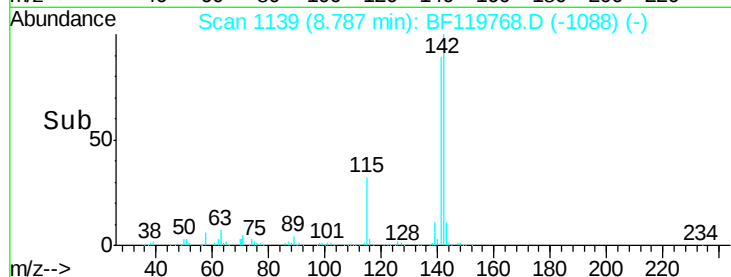
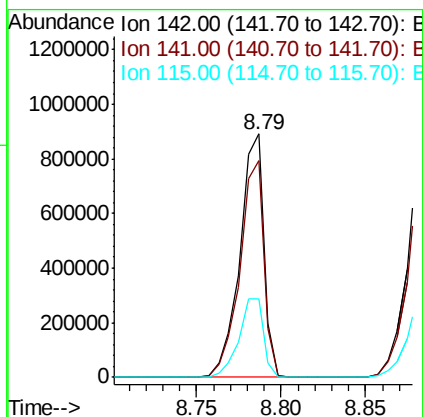
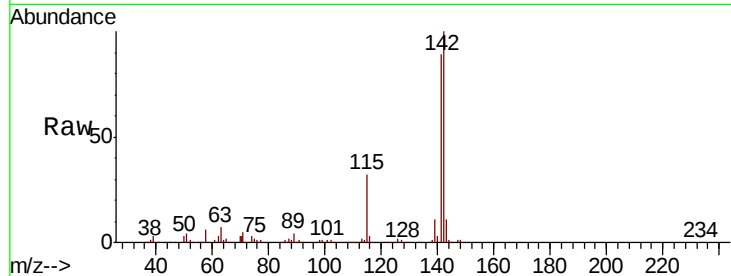
#37
2-Methylnaphthalene
Concen: 41.938 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.7	107.5
115	32.0	27.9	41.9

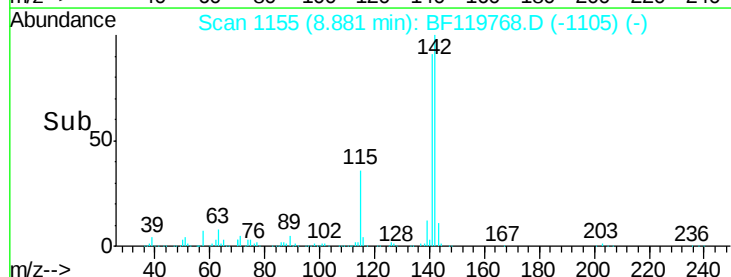
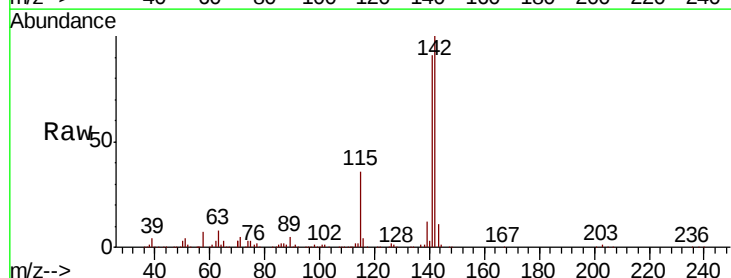
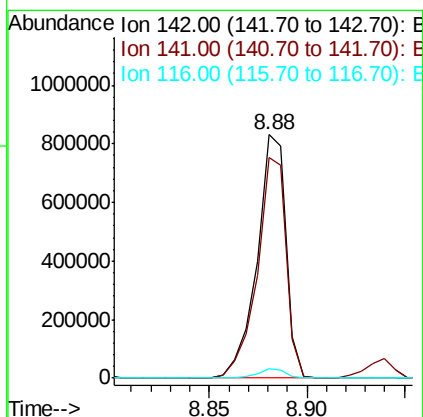
Manual Integrations
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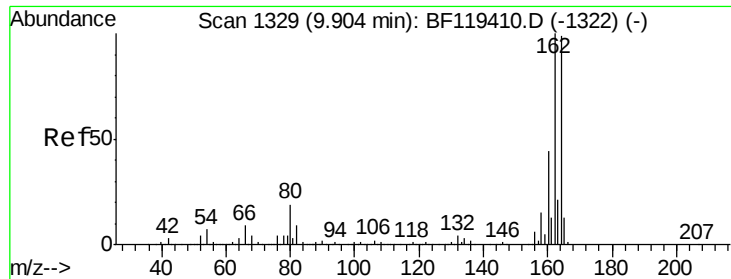
mohammad
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#38
1-Methylnaphthalene
Concen: 42.527 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.7	110.5
116	3.7	3.0	4.6





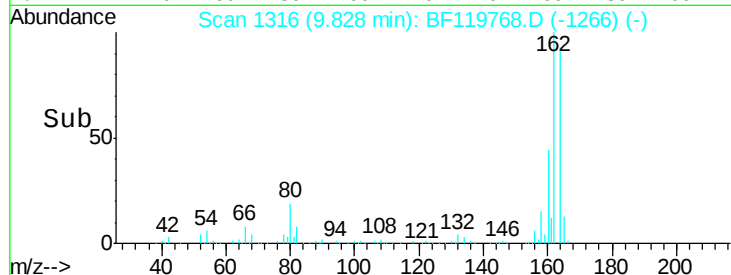
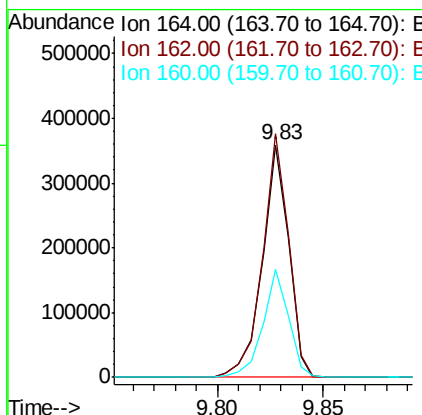
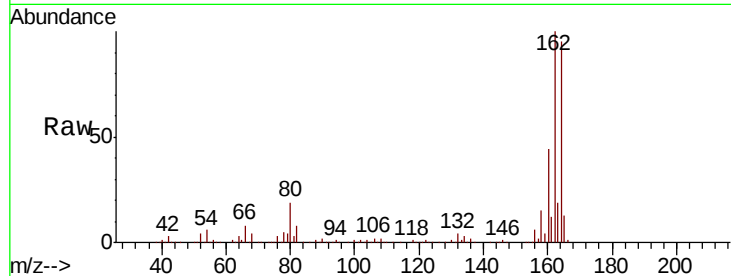
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleID :
 PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	80.6	121.0	
160	46.5	35.7	53.5	

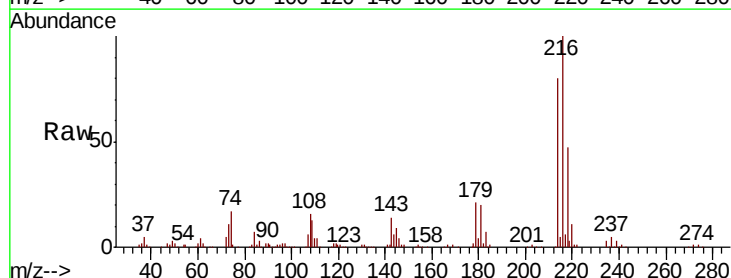
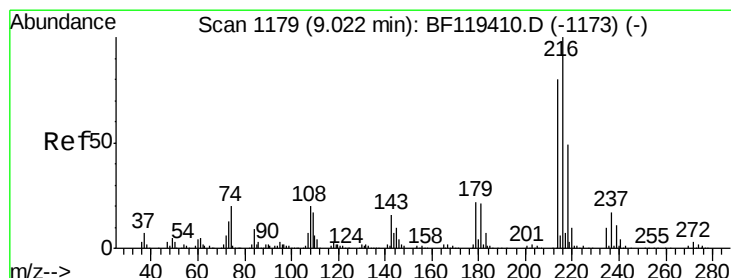
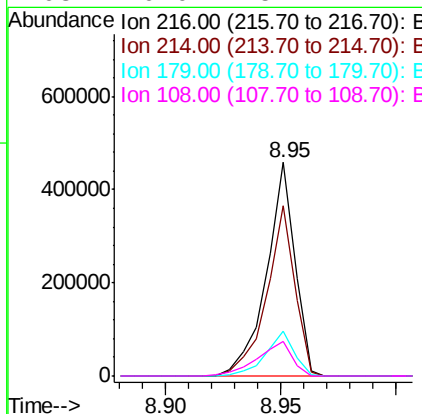
Manual Integrations
 APPROVED

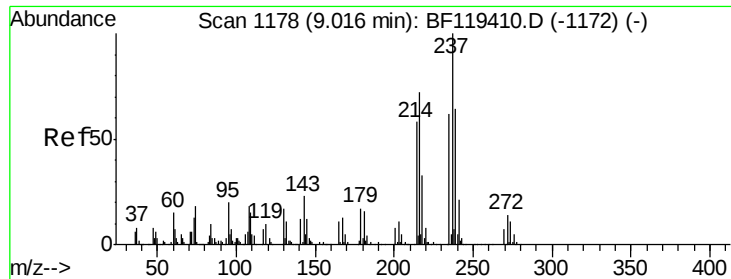
mohammad
 4/8/2020 8:12:18 AM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.691 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.2	94.8	
179	21.0	17.1	25.7	
108	20.0	15.1	22.7	





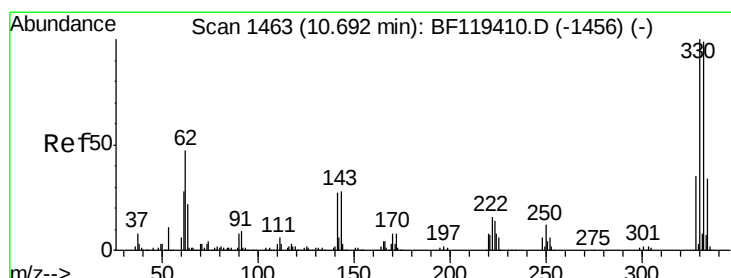
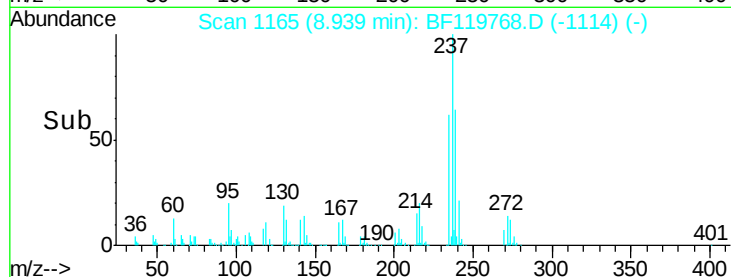
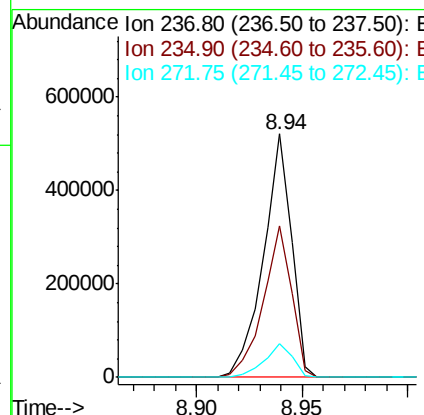
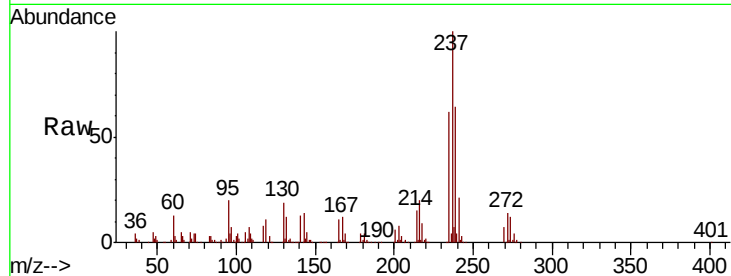
#41
Hexachlorocyclopentadiene
Concen: 92.296 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	43.2	83.2	
272	14.0	0.0	34.1	

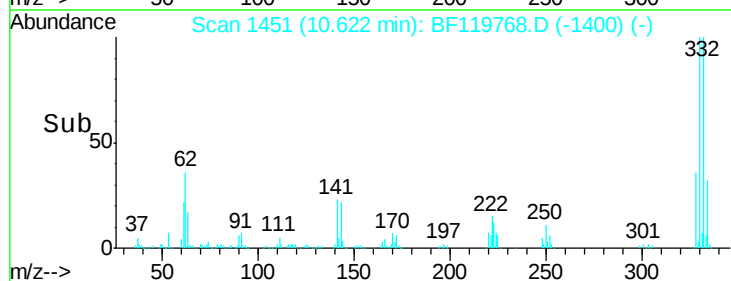
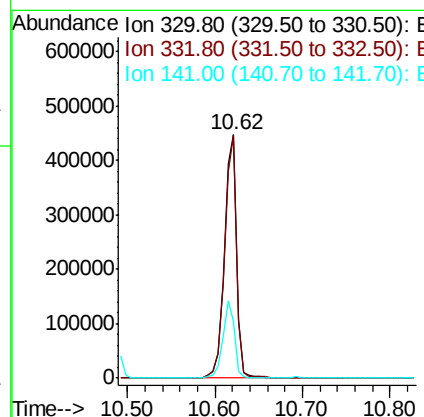
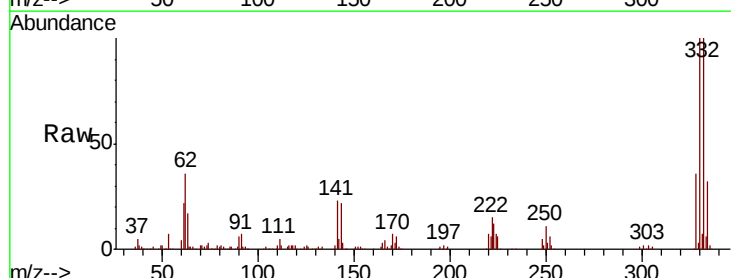
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#42
2,4,6-Tribromophenol
Concen: 133.143 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	75.7	113.5	
141	30.5	25.4	38.0	





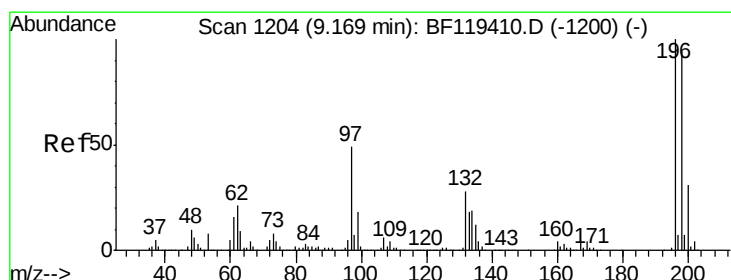
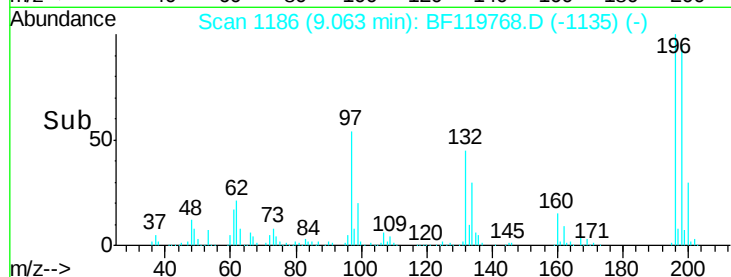
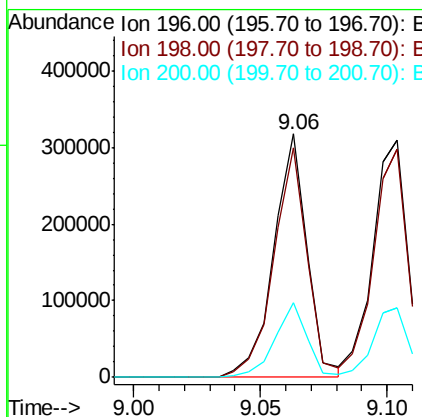
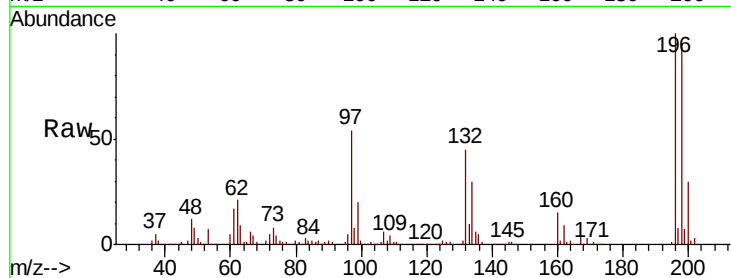
#43
 2,4,6-Trichlorophenol
 Concen: 43.731 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:	196	Resp:	288307
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.6	115.0
200	30.4	24.6	36.8

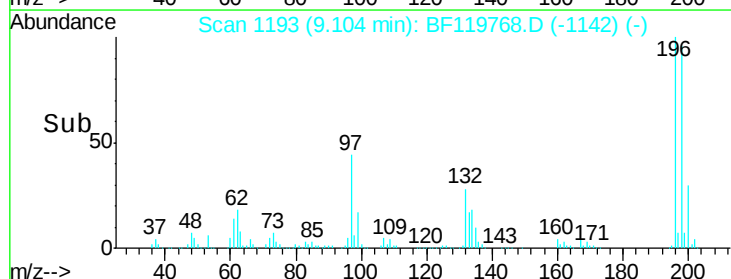
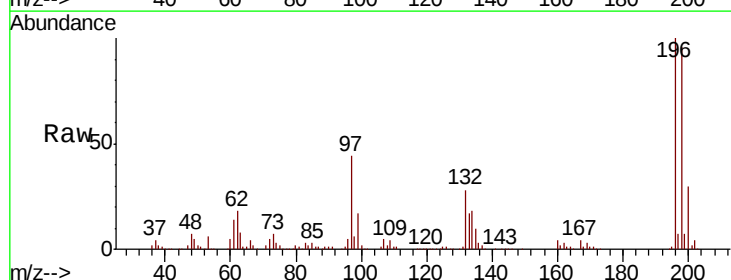
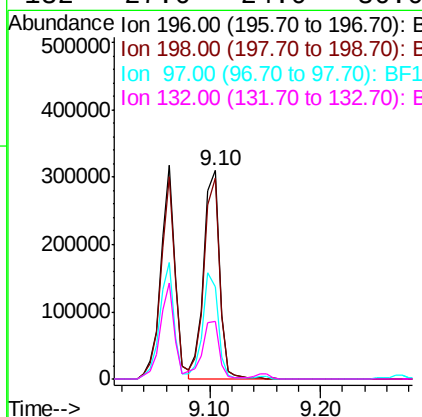
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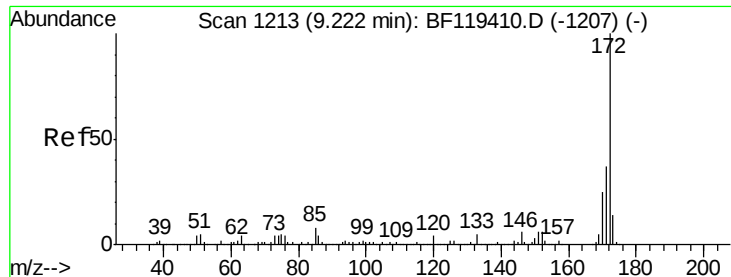
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#44
 2,4,5-Trichlorophenol
 Concen: 40.721 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:	196	Resp:	300744
Ion Ratio	Lower	Upper	
196	100		
198	96.4	73.8	110.8
97	44.4	42.6	63.8
132	27.6	24.0	36.0





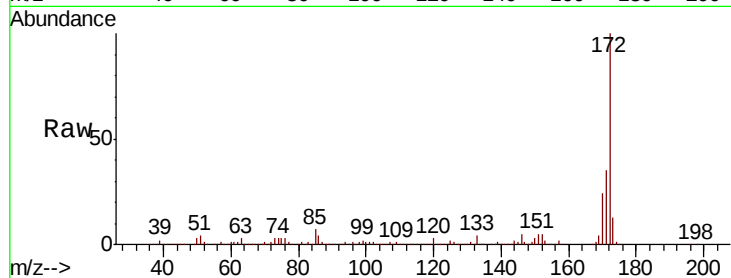
#45
2-Fluorobiphenyl
Concen: 82.850 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

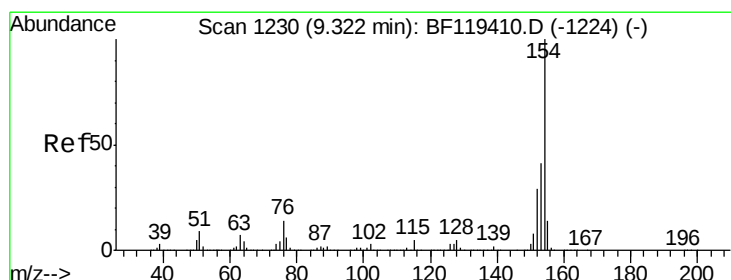
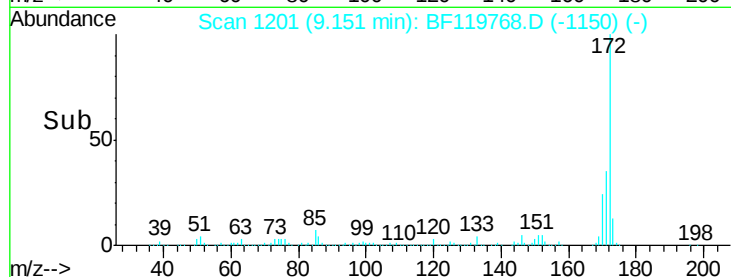
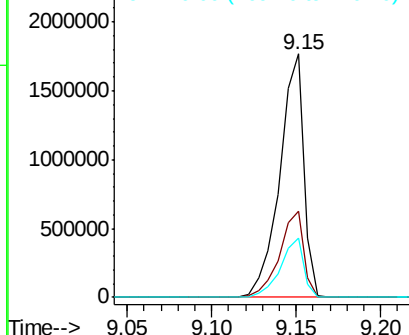
Tot Ion:172 Resp: 1757744
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.1 20.2 30.2

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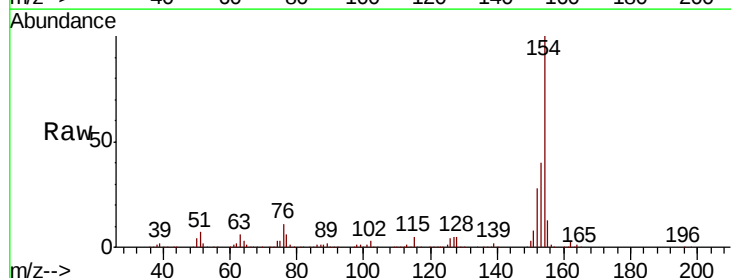


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

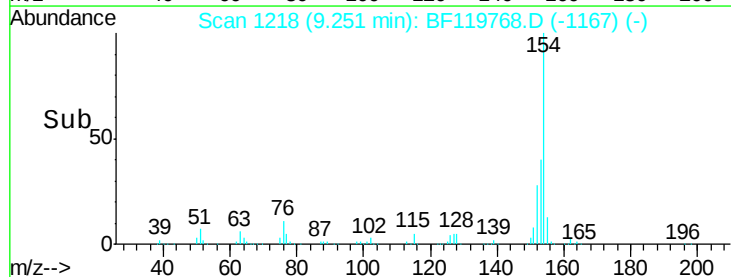
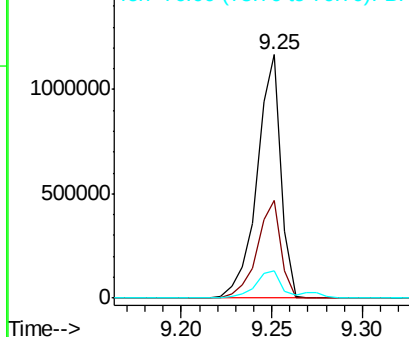


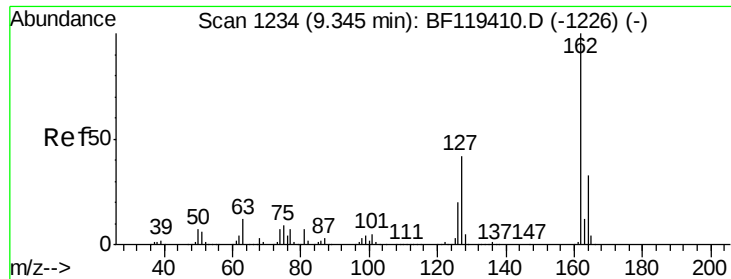
#46
1,1'-Biphenyl
Concen: 41.586 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion:154 Resp: 1064550
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 11.5 0.0 33.0



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





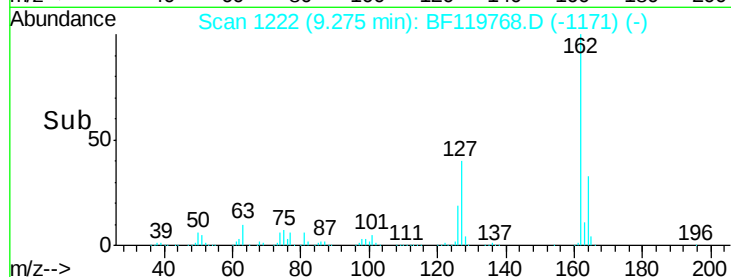
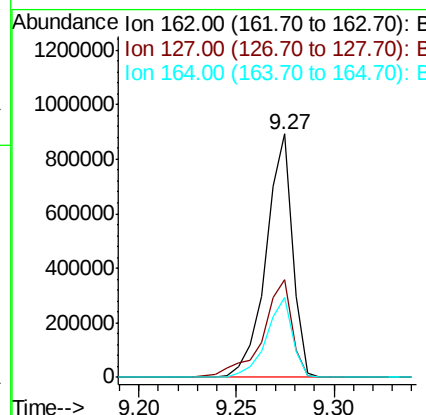
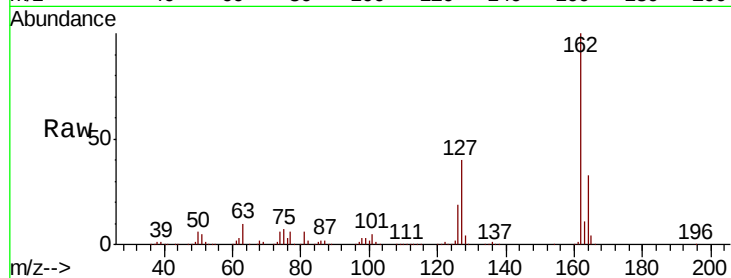
#47
2-Chloronaphthalene
Concen: 41.749 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.7	50.5
164	32.8	26.3	39.5

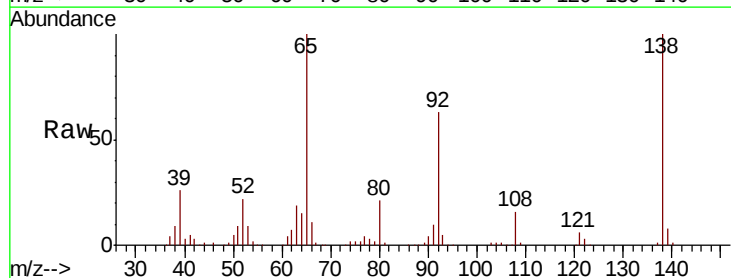
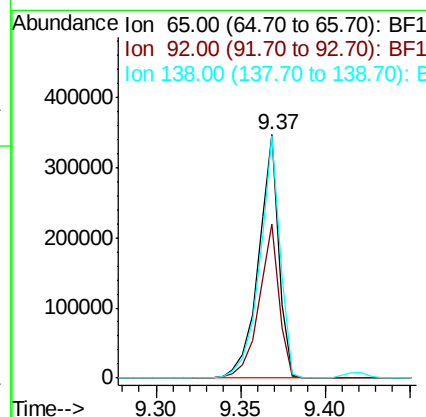
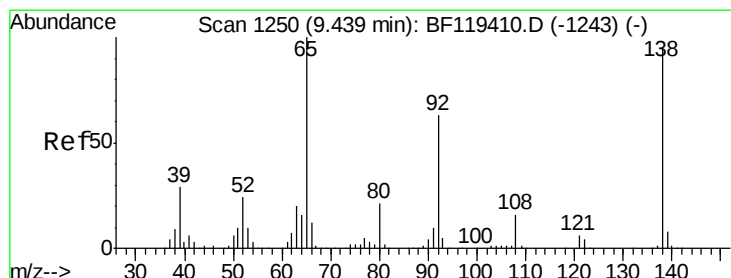
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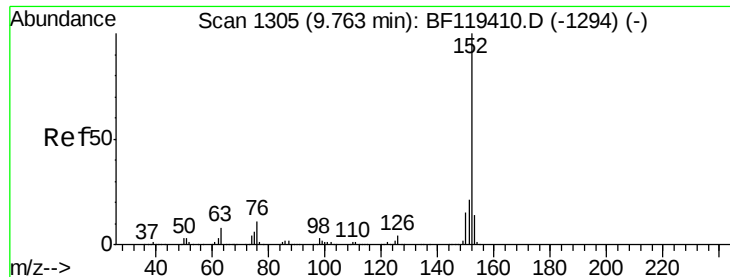
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#48
2-Nitroaniline
Concen: 42.068 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.1	50.0	75.0
138	99.7	75.0	112.4





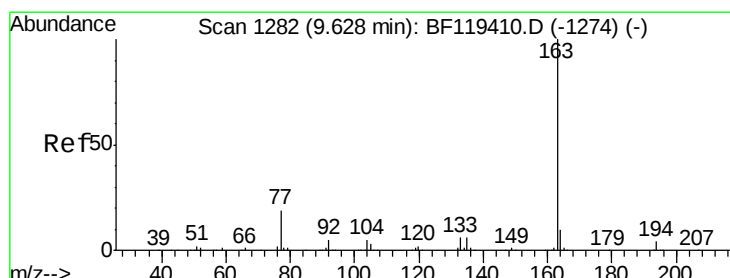
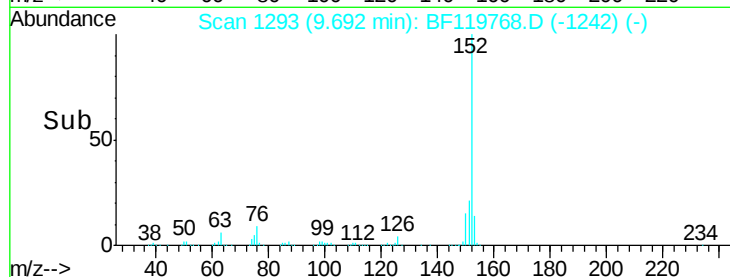
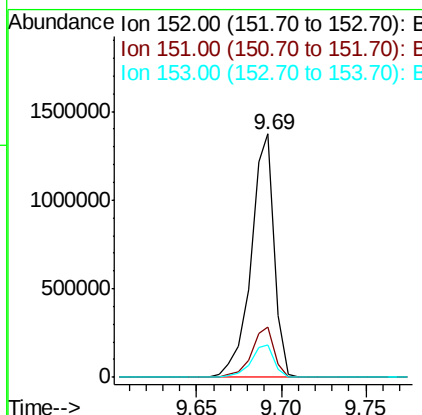
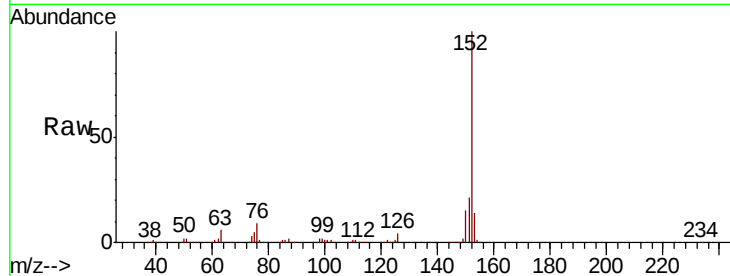
#49
Acenaphthylene
Concen: 41.741 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.5	11.2	16.8

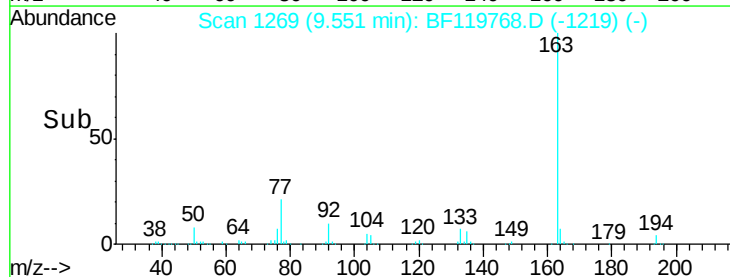
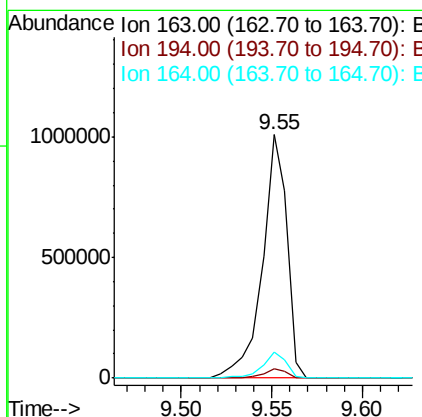
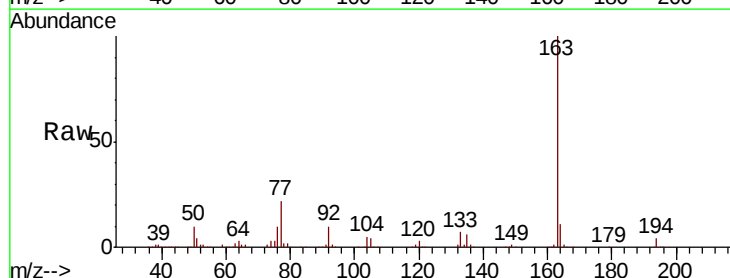
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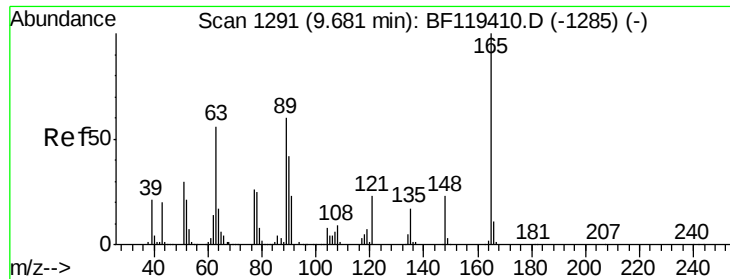
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#50
Dimethylphthalate
Concen: 42.384 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.1	4.7
164	10.7	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 45.024 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

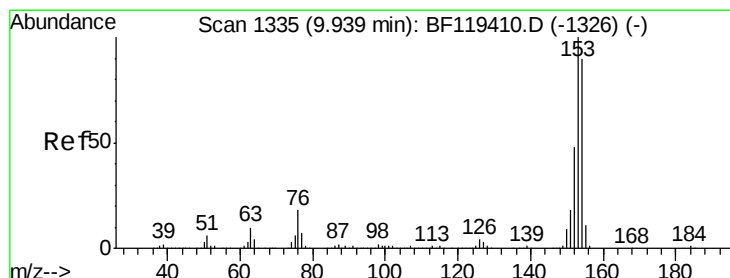
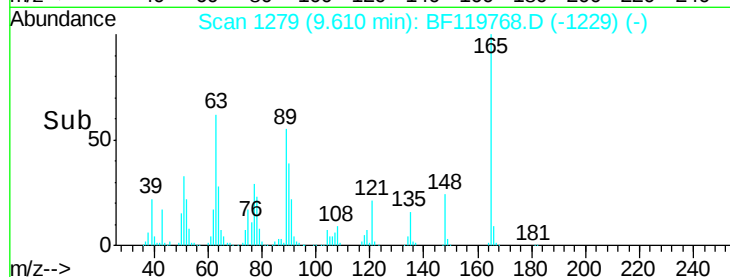
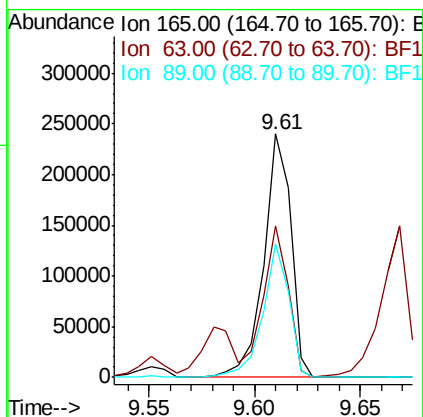
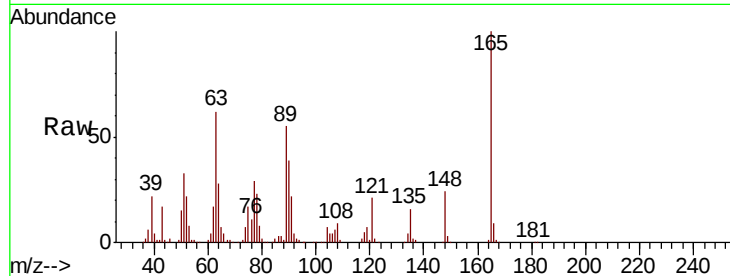
ClientSampleId :

PB128003BS

Tot Ion:	165	Resp:	215454
Ion Ratio	Lower	Upper	
165	100		
63	62.1	45.0	67.4
89	54.8	41.5	62.3

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#52

Acenaphthene

Concen: 41.582 ng

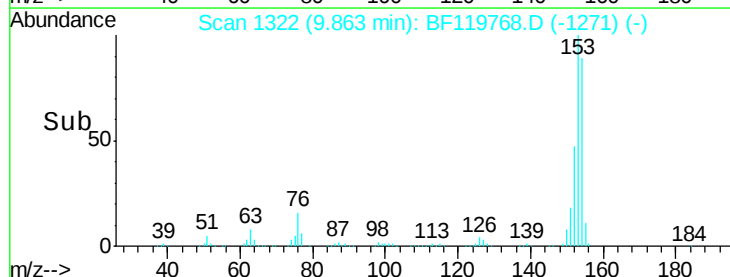
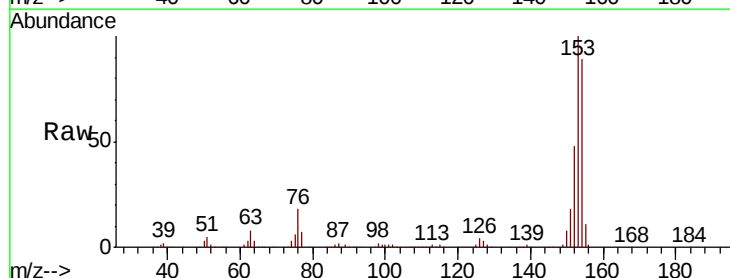
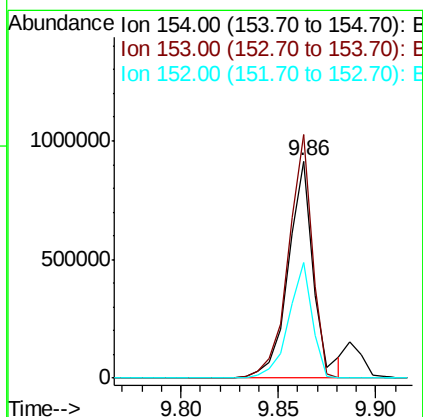
RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tgt Ion:	154	Resp:	816270
Ion Ratio	Lower	Upper	
154	100		
153	112.3	88.1	132.1
152	53.4	43.0	64.4





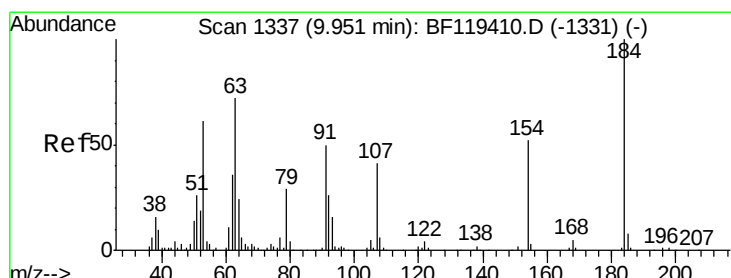
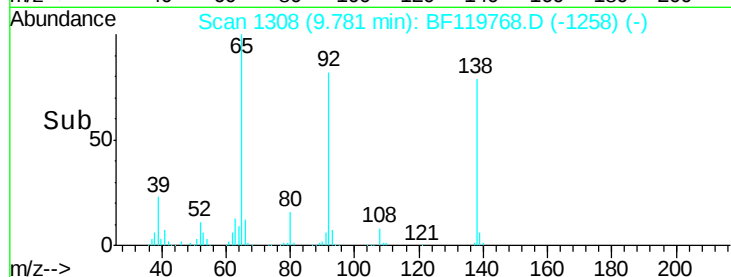
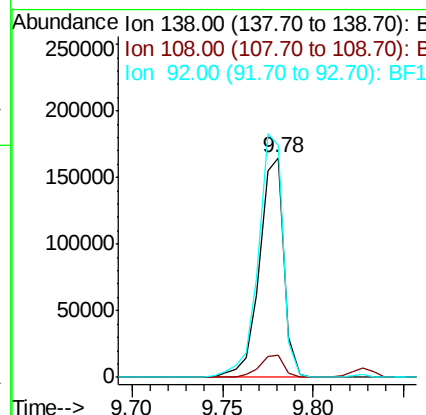
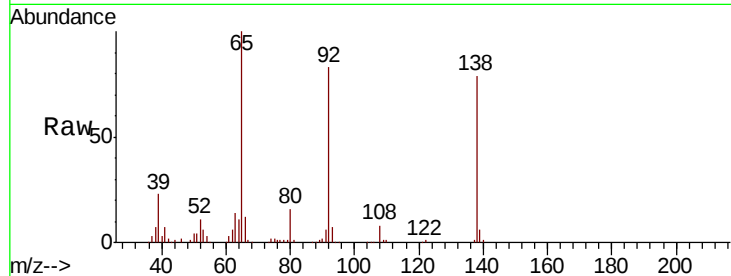
#53
3-Nitroaniline
Concen: 25.675 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	155112		
108	10.0	8.6	13.0	
92	105.4	95.4	143.0	

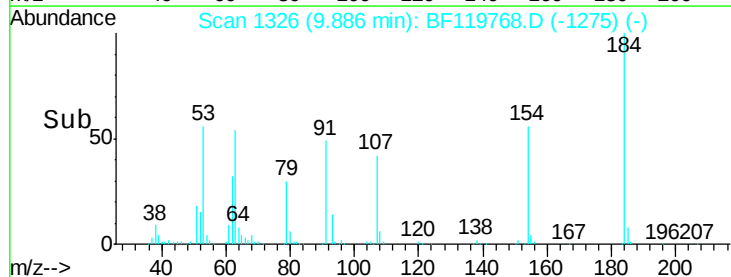
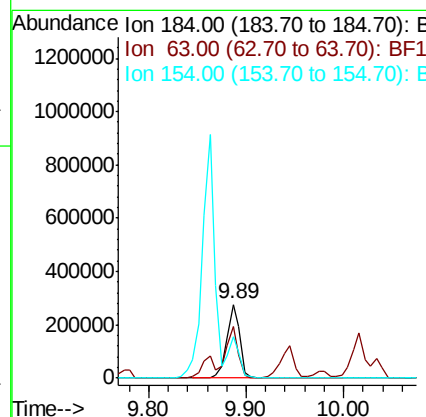
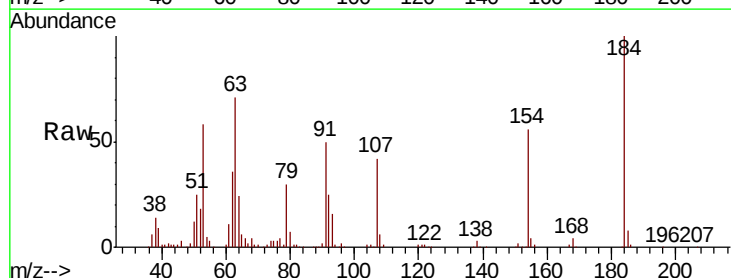
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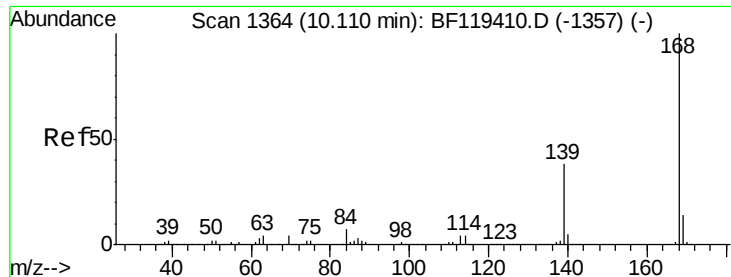
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#54
2,4-Dinitrophenol
Concen: 120.124 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	257041		
63	70.6	50.2	75.4	
154	56.4	44.5	66.7	





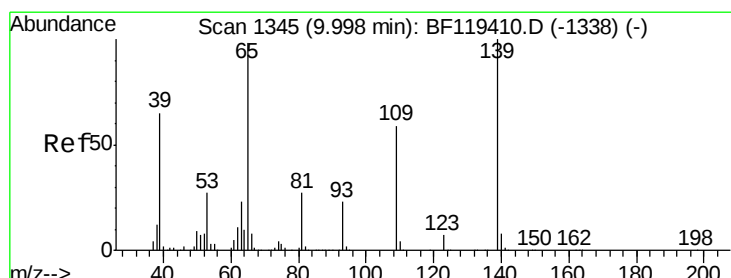
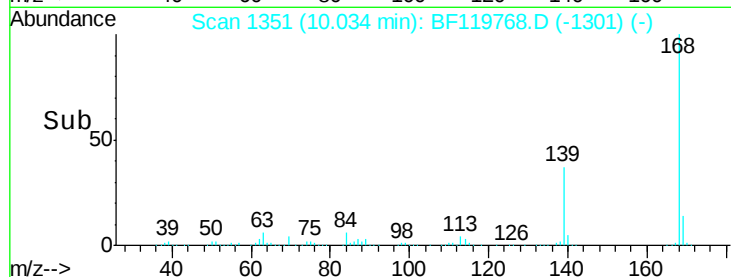
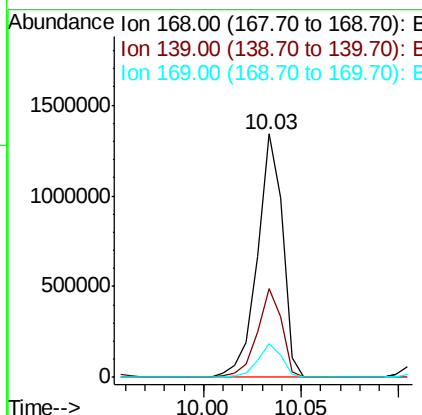
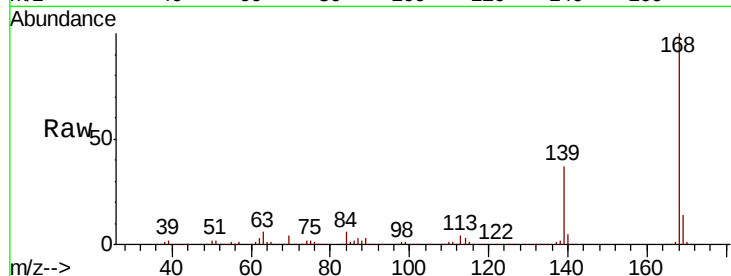
#55
Dibenzofuran
Concen: 42.493 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.6	11.0	16.6

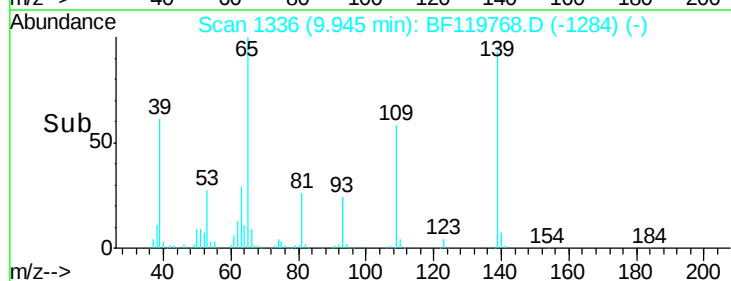
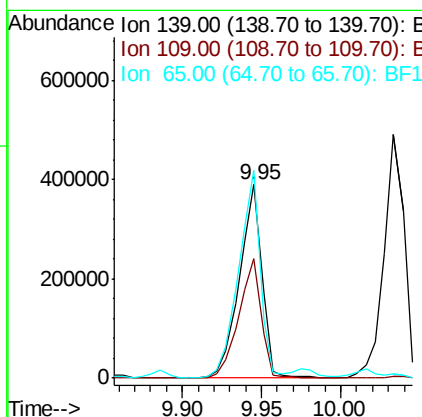
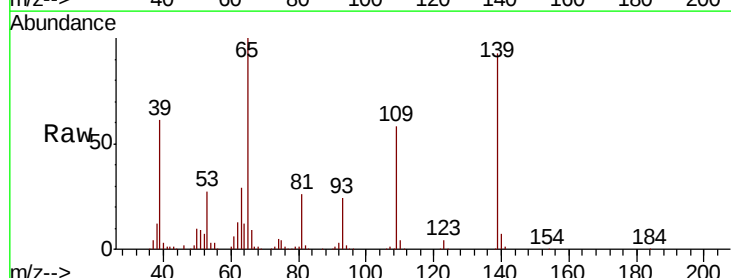
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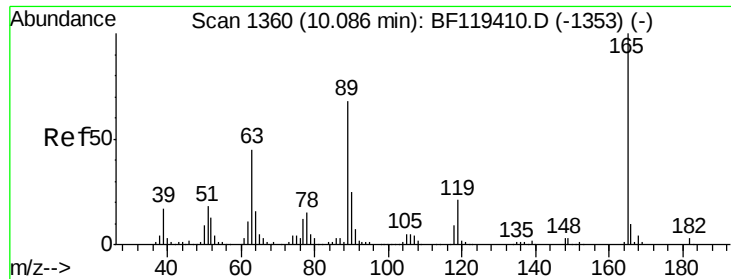
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#56
4-Nitrophenol
Concen: 81.198 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	43.3	83.3
65	107.5	91.0	131.0





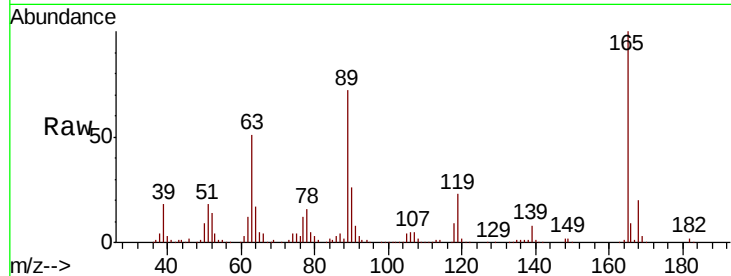
#57
2,4-Dinitrotoluene
Concen: 47.740 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

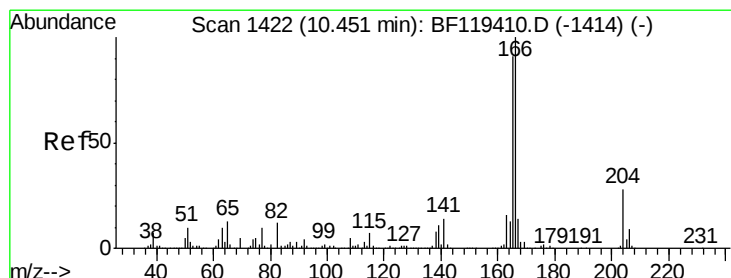
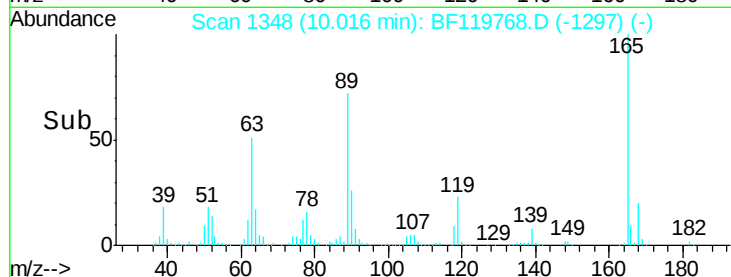
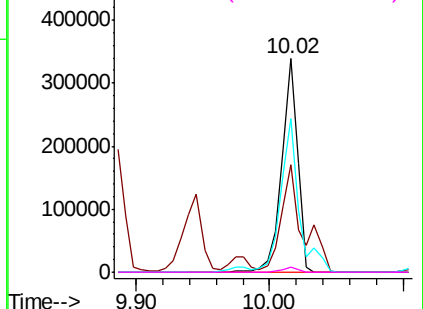
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		287789		
63	50.6	42.6	64.0		
89	71.7	61.0	91.4		
182	2.4	2.2	3.2		

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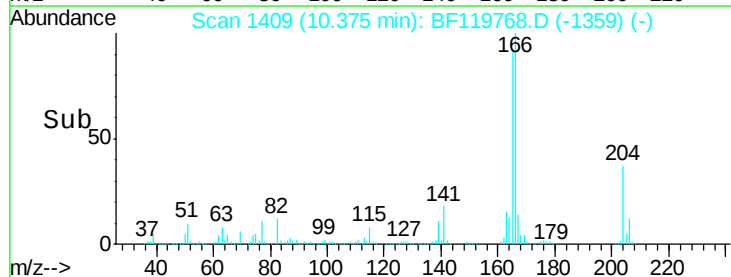
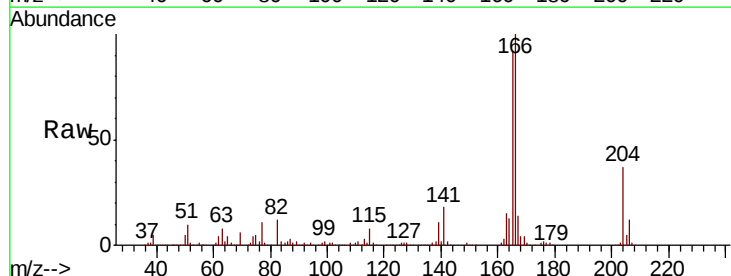
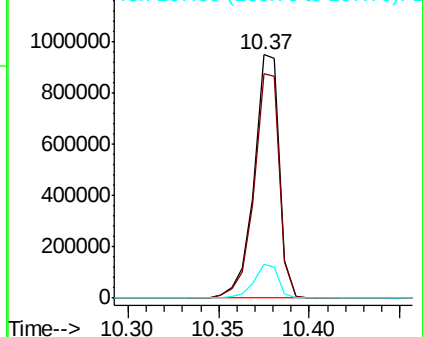
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

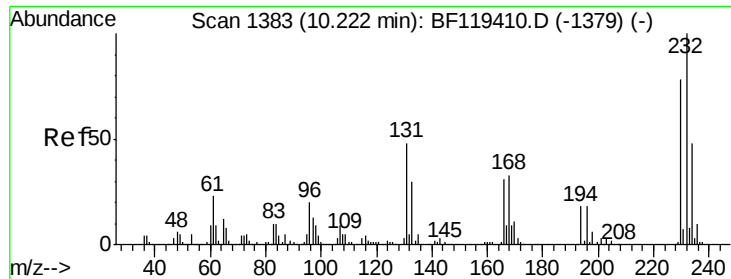


#58
Fluorene
Concen: 43.936 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		914439		
165	92.4	75.4	113.2		
167	13.7	11.2	16.8		

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.034 ng

RT: 10.15 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion:232 Resp: 259651

Ion Ratio Lower Upper

232 100

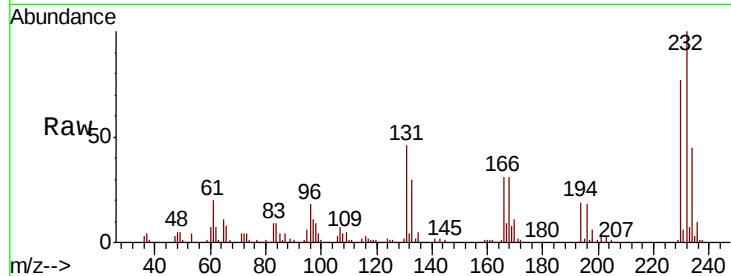
131 43.9 37.5 56.3

130 1.9 1.8 2.6

166 30.3 24.6 36.8

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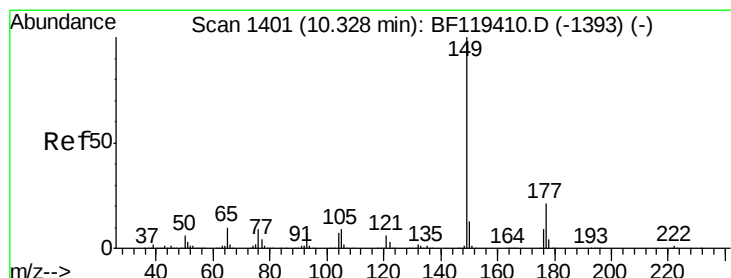
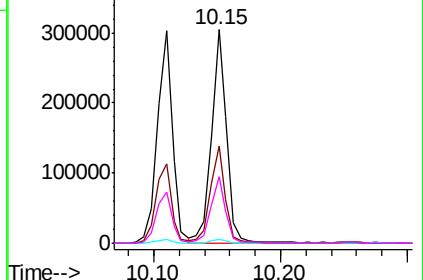
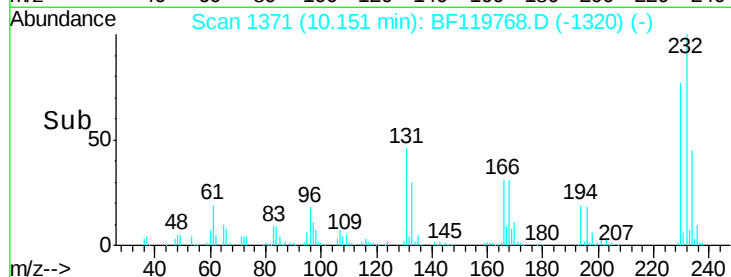


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.458 ng

RT: 10.26 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

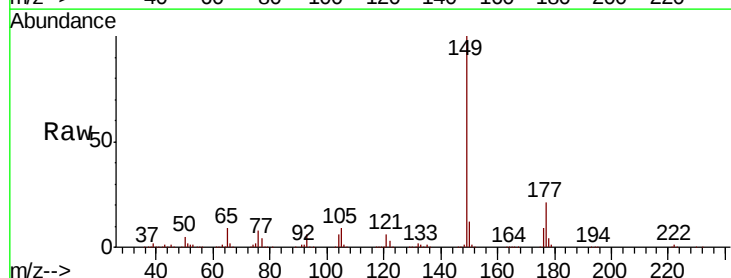
Tgt Ion:149 Resp: 962065

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

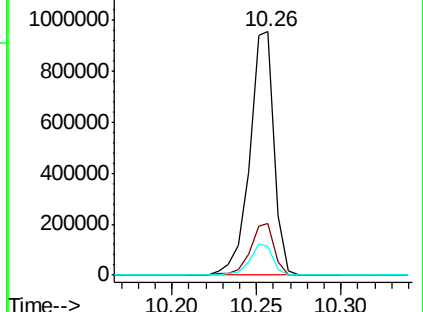
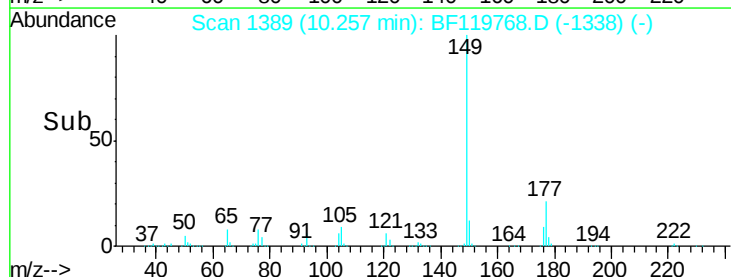
150 11.9 10.1 15.1

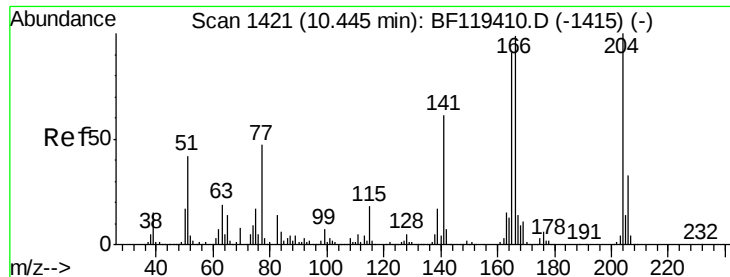


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





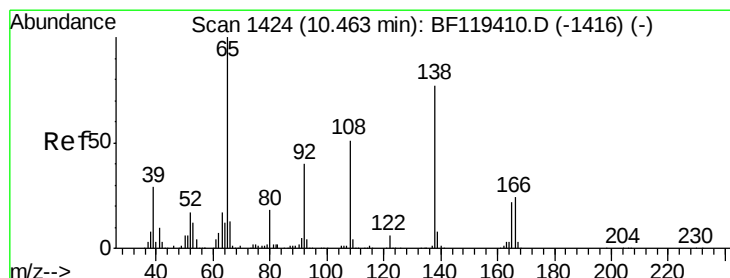
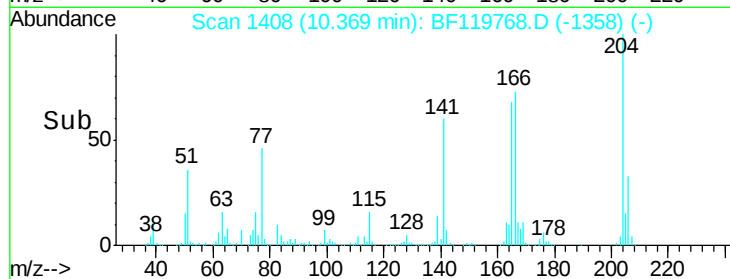
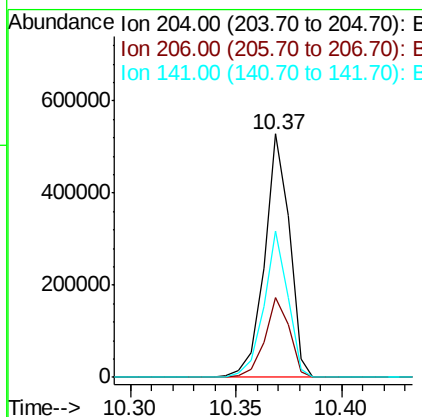
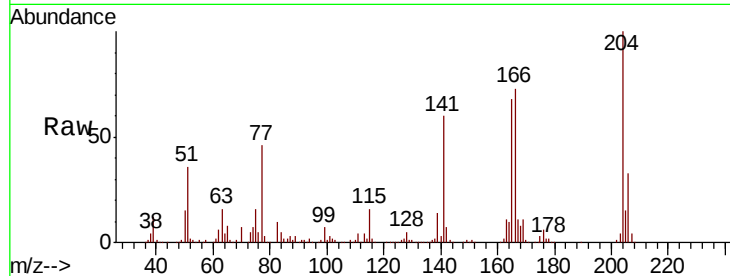
#61
 4-Chlorophenyl-phenylether
 Concen: 42.594 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:	204	Resp:	433514
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.7	40.1
141	60.3	47.3	70.9

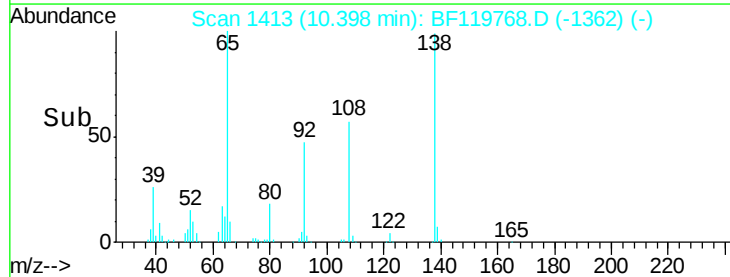
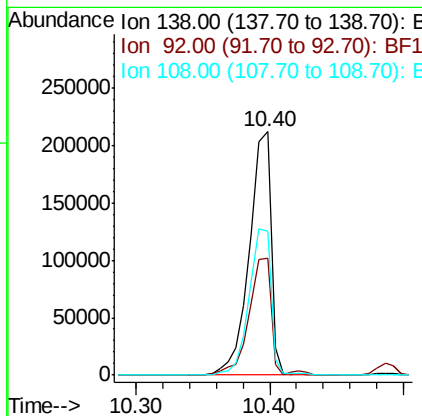
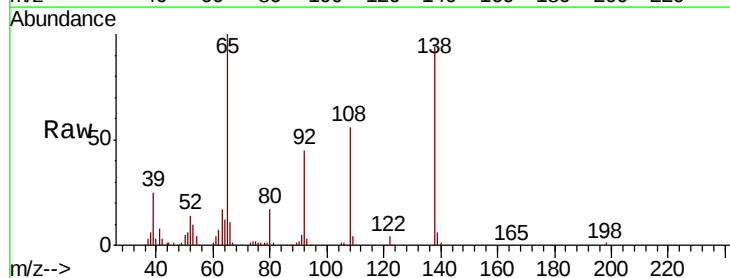
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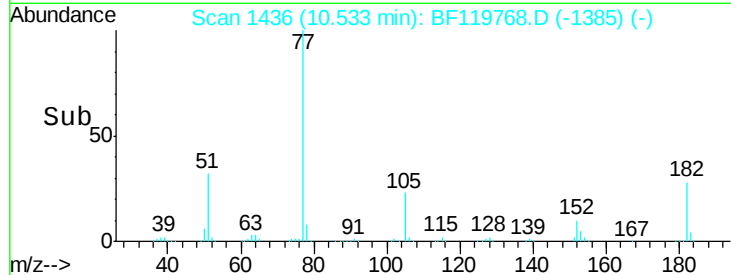
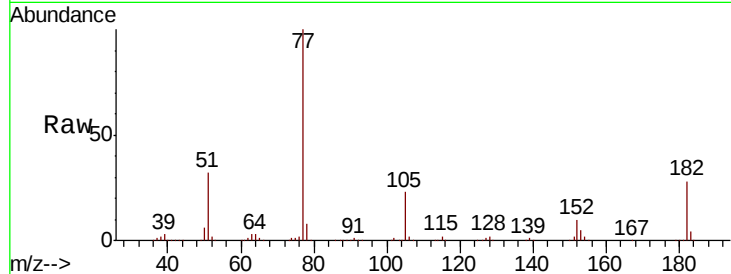
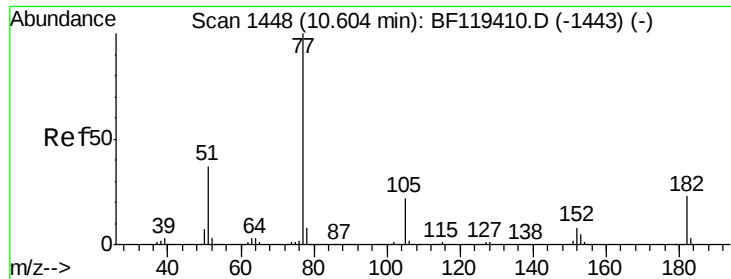
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#62
 4-Nitroaniline
 Concen: 40.890 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:	138	Resp:	236885
Ion Ratio	Lower	Upper	
138	100		
92	47.8	31.5	71.5
108	58.8	45.8	85.8





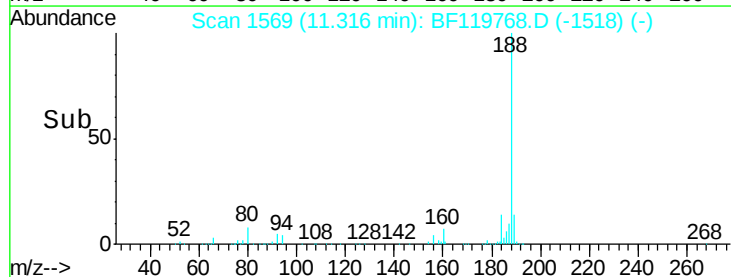
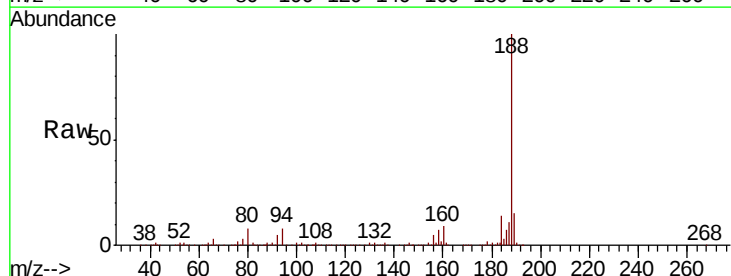
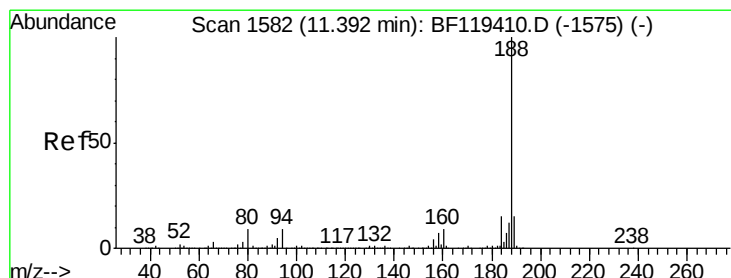
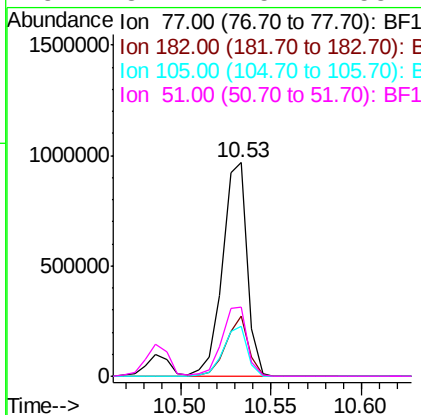
#63
Azobenzene
Concen: 40.235 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.4	44.4
105	23.4	2.6	42.6
51	32.4	15.1	55.1

Instrument :
BNA_F
ClientSampleId :
PB128003BS

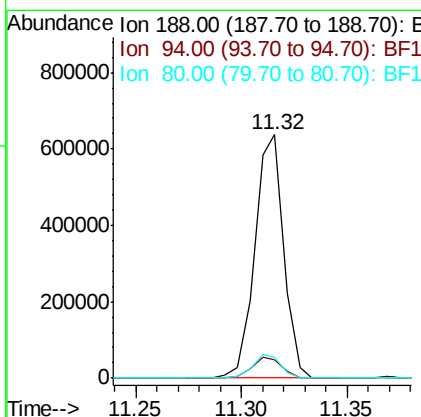
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.5	11.3
80	8.4	9.0	13.4#





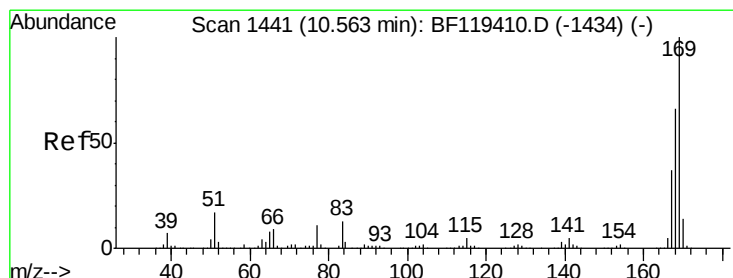
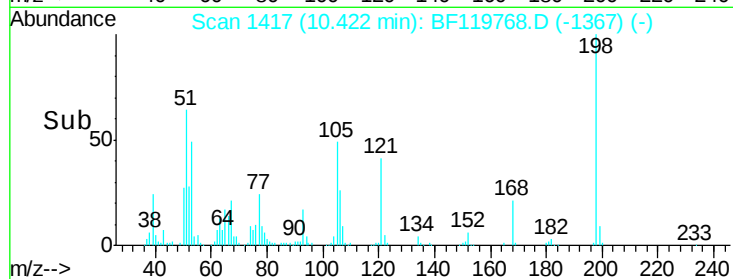
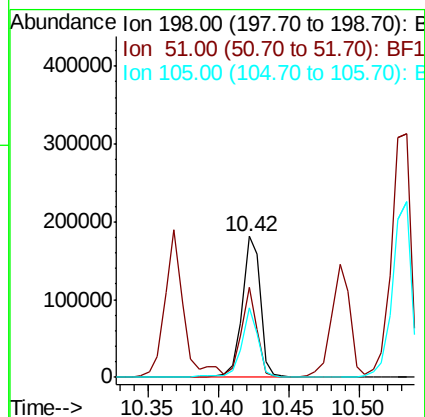
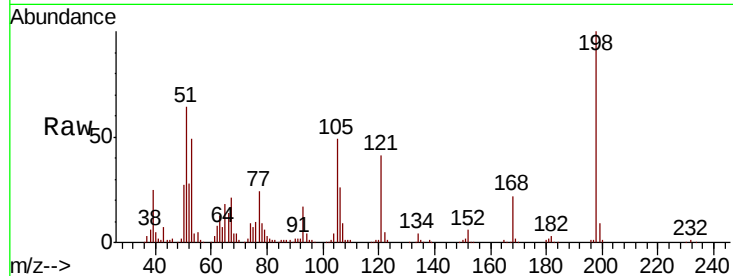
#65
4,6-Dinitro-2-methylphenol
Concen: 64.008 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampled :
PB128003BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	162271		
51	63.6	29.0	69.0	
105	49.0	22.2	62.2	

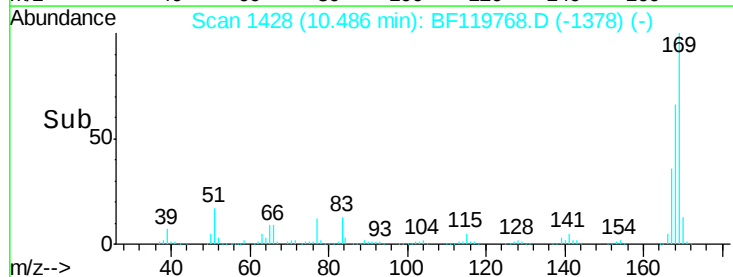
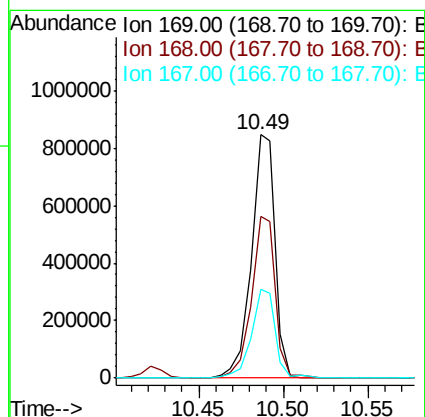
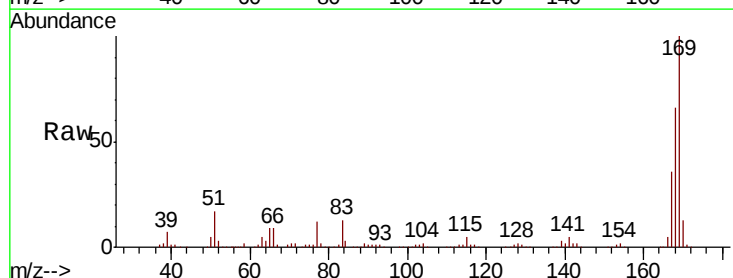
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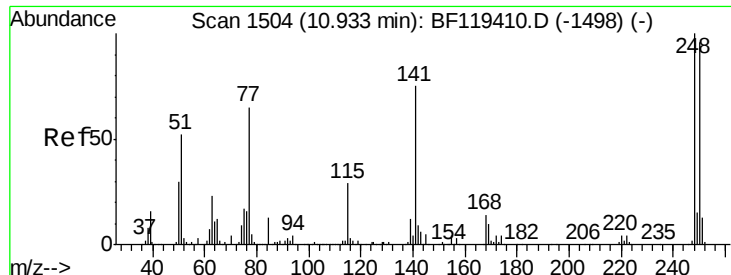
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.831 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	830229		
168	66.3	53.2	79.8	
167	36.2	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 40.604 ng

RT: 10.86 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion:248 Resp: 279572

Ion Ratio Lower Upper

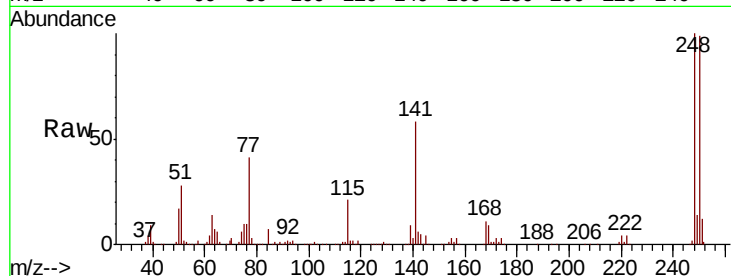
248 100

250 99.0 77.3 115.9

141 58.4 58.6 87.8#

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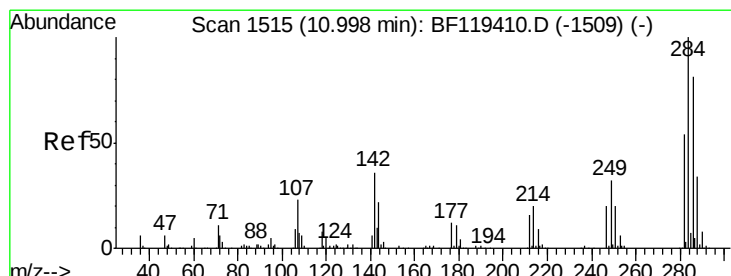
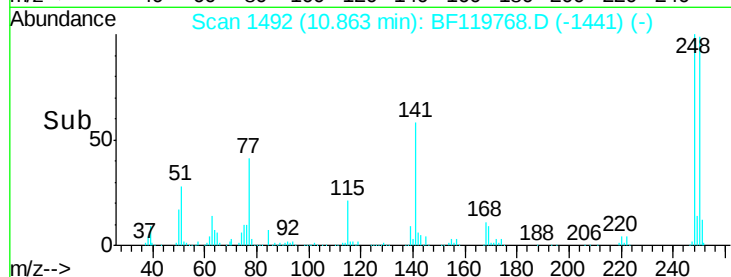
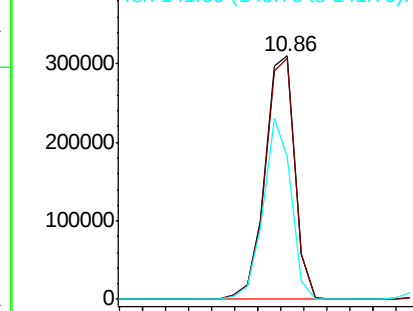


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.403 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

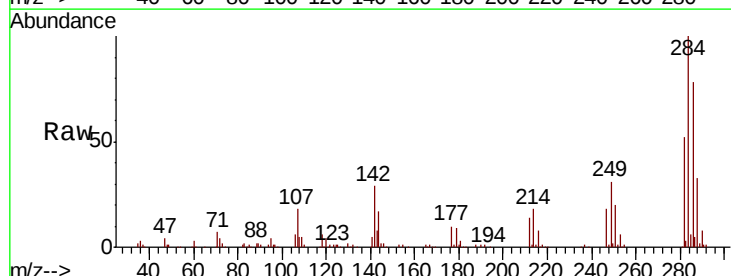
Tgt Ion:284 Resp: 305865

Ion Ratio Lower Upper

284 100

142 28.6 29.2 43.8#

249 30.5 25.1 37.7

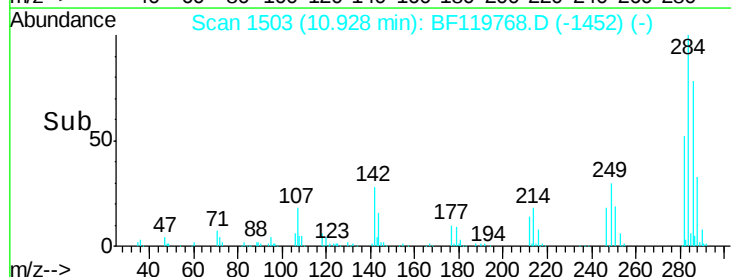
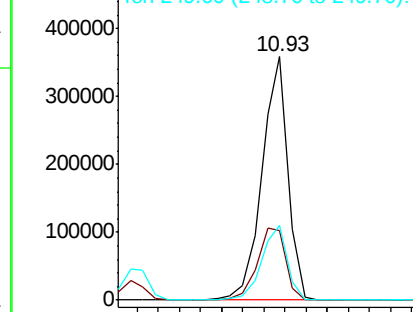


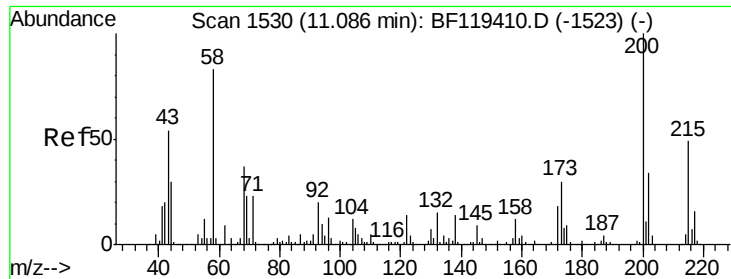
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





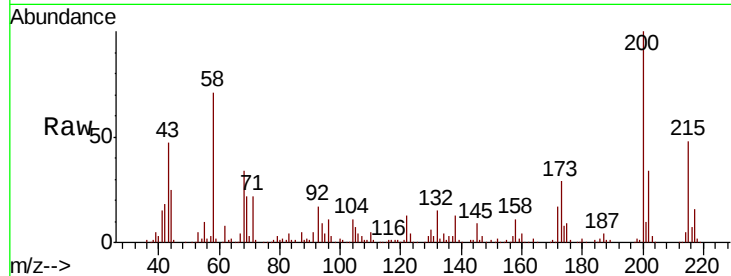
#69
 Atrazine
 Concen: 45.868 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.8	9.3	49.3
215	48.3	29.5	69.5

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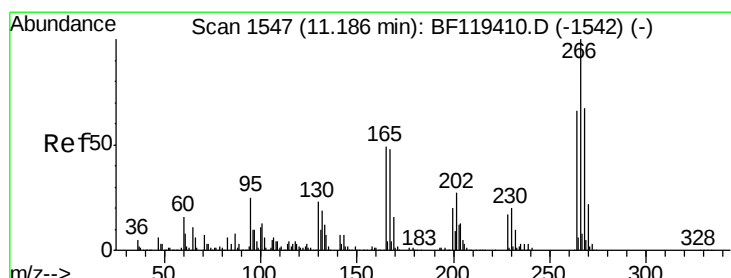
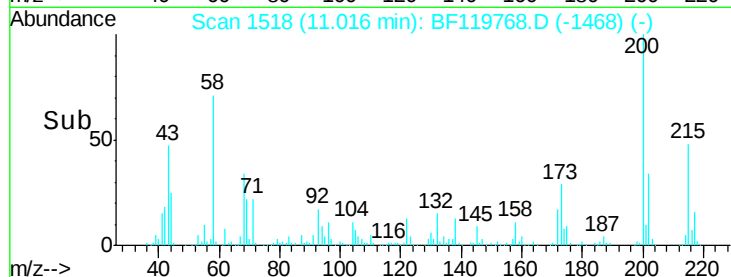
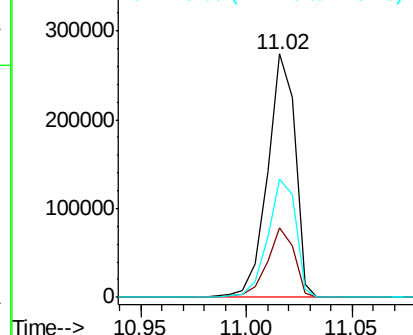


Abundance

Ion 200.00 (199.70 to 200.70): E

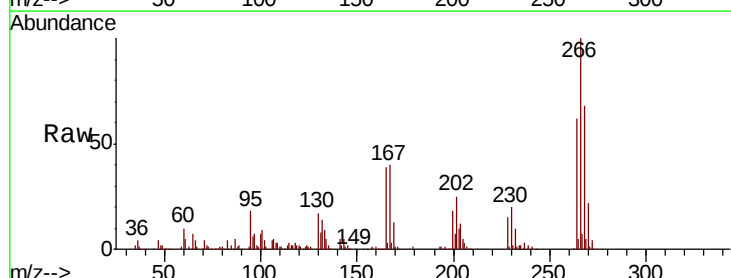
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 85.979 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.7	53.3	79.9
264	61.9	49.0	73.4

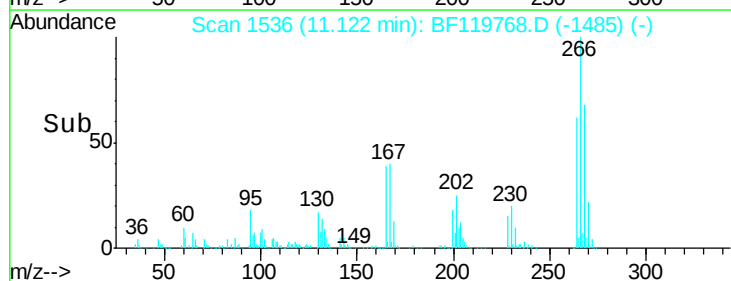
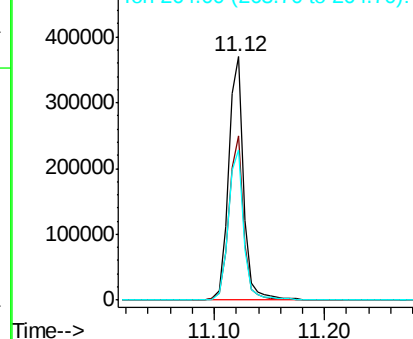


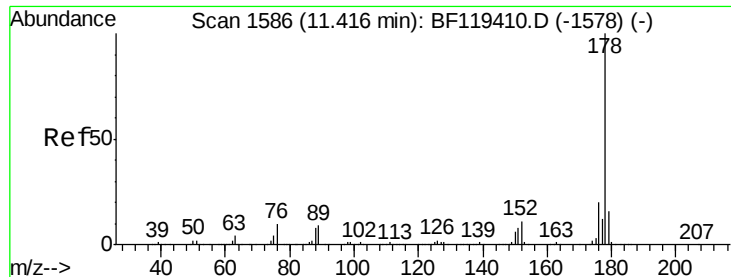
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.525 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

ClientSampleId :

PB128003BS

Tot Ion:178 Resp: 1333121

Ion Ratio Lower Upper

178 100

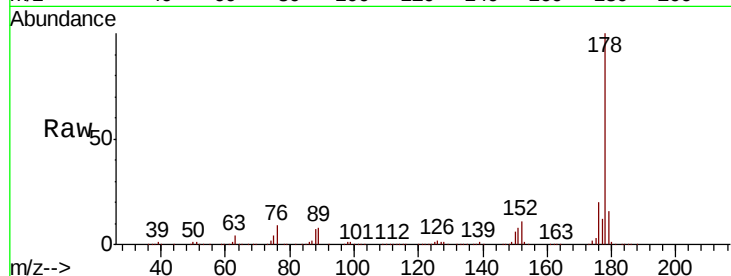
176 20.0 16.2 24.4

179 15.6 13.2 19.8

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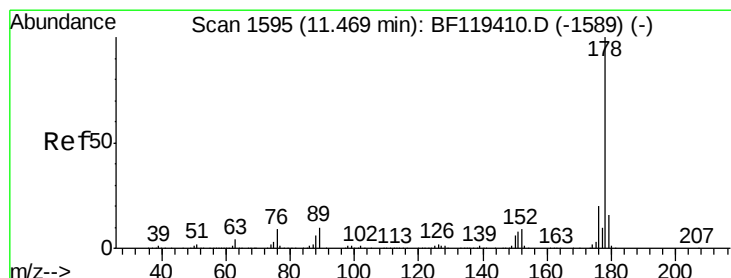
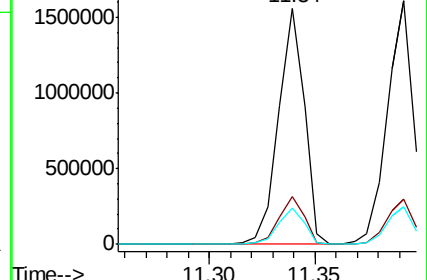
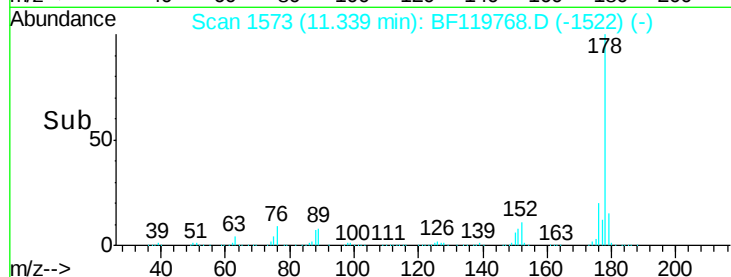
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.423 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

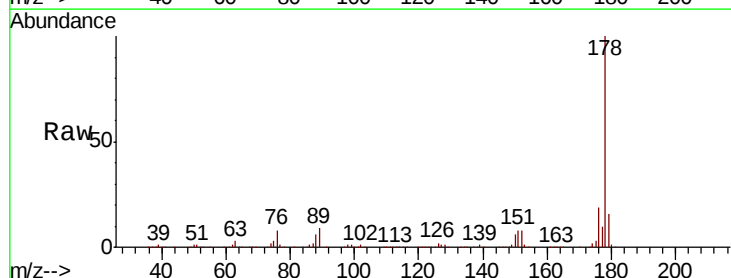
Tgt Ion:178 Resp: 1383521

Ion Ratio Lower Upper

178 100

176 18.8 16.1 24.1

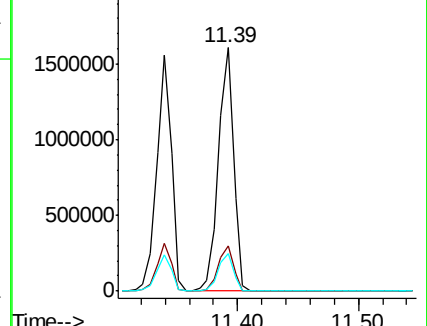
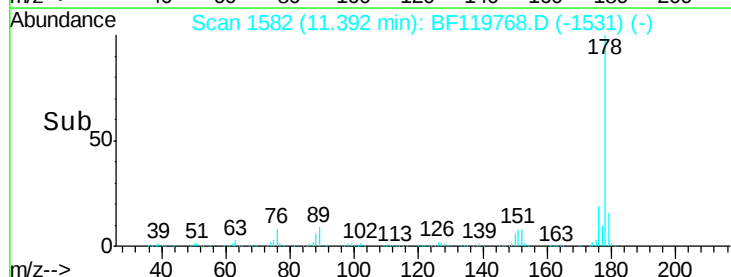
179 15.7 13.0 19.4

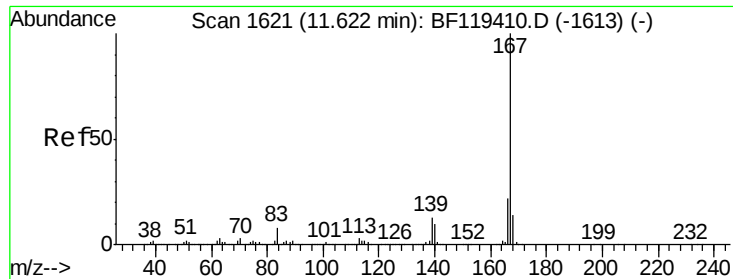


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





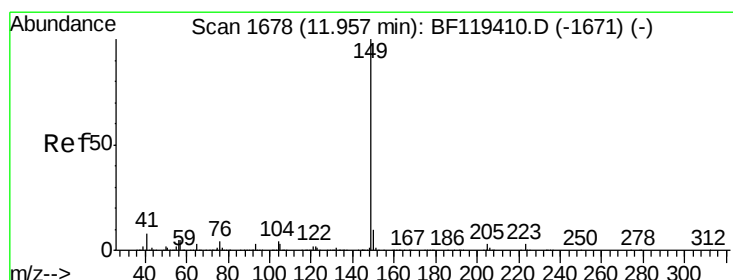
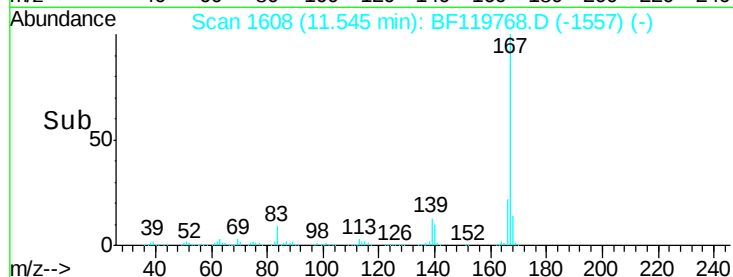
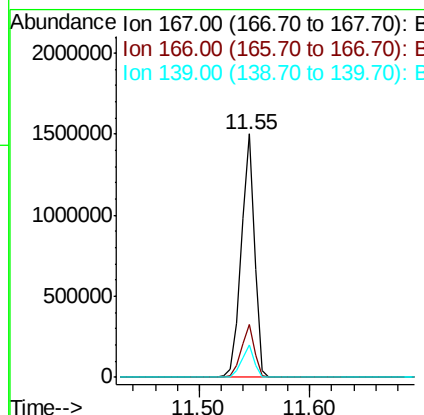
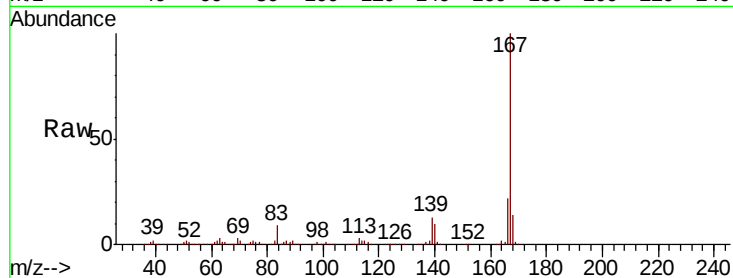
#73
 Carbazole
 Concen: 40.316 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:167 Resp: 1271407
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.4
 139 13.1 10.7 16.1

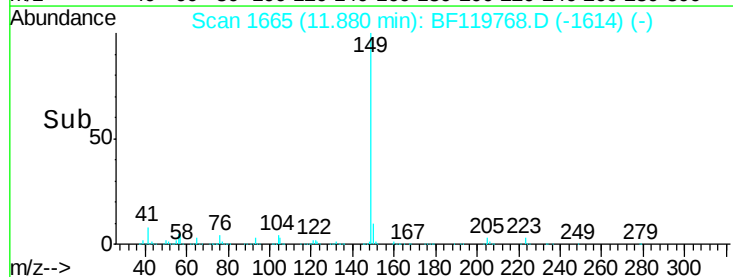
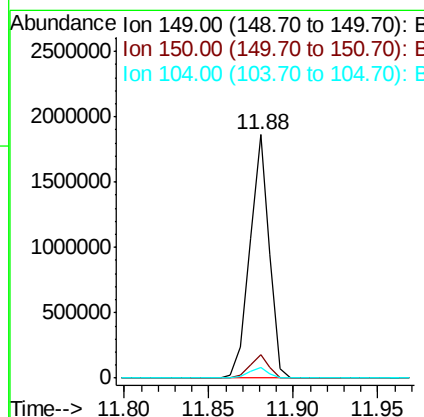
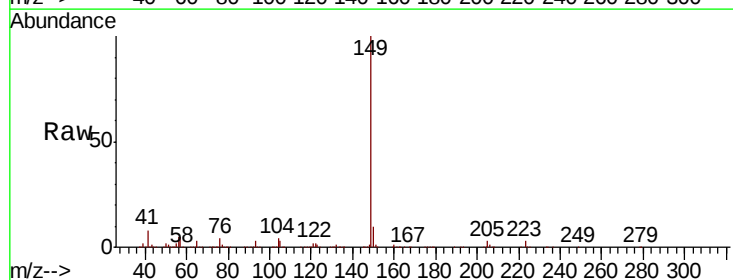
Manual Integrations
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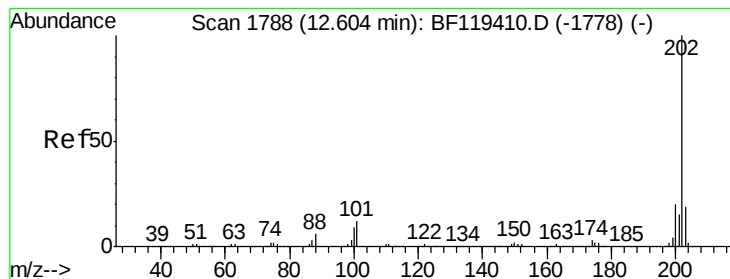
mohammad
 4/8/2020 8:12:18 AM



#74
 Di-n-butylphthalate
 Concen: 44.233 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:149 Resp: 1492215
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 4.4 3.6 5.4





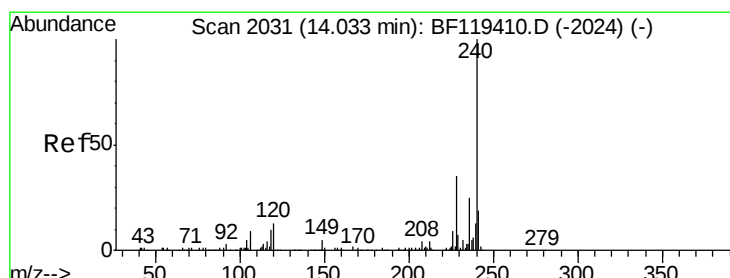
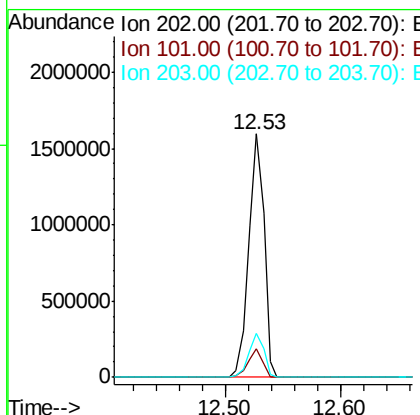
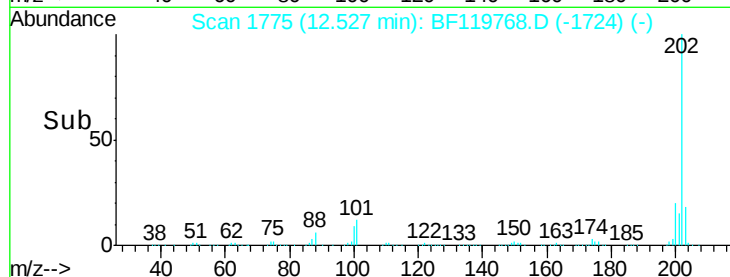
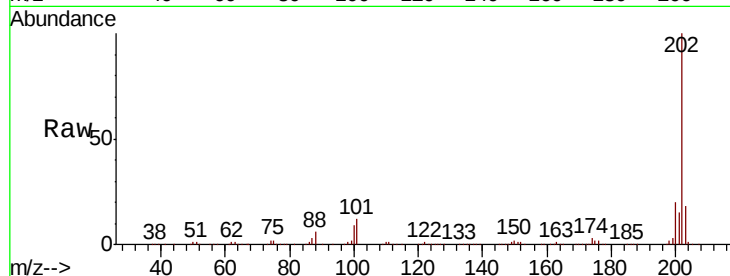
#75
 Fluoranthene
 Concen: 43.180 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.2
203	18.3	0.0	38.8

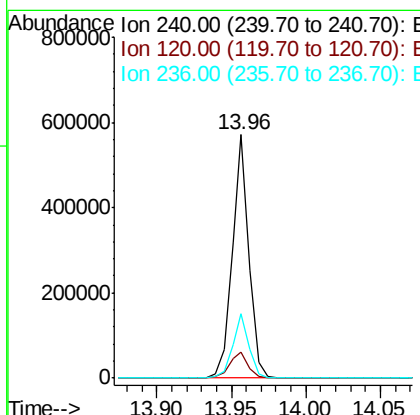
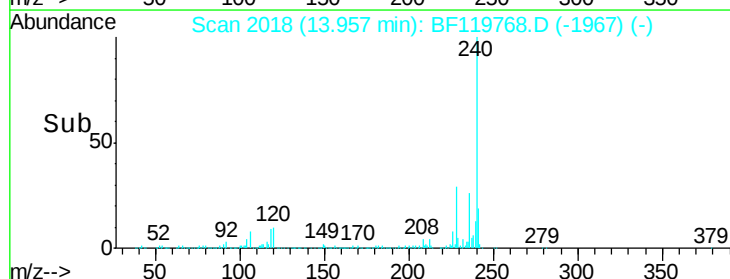
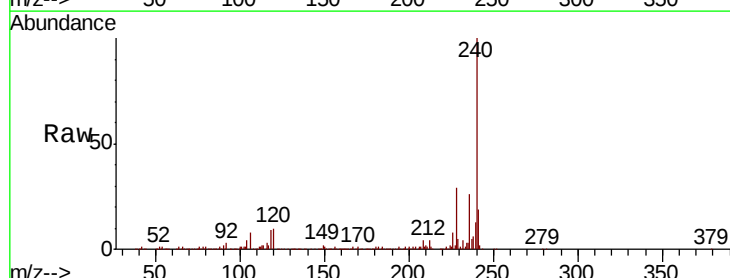
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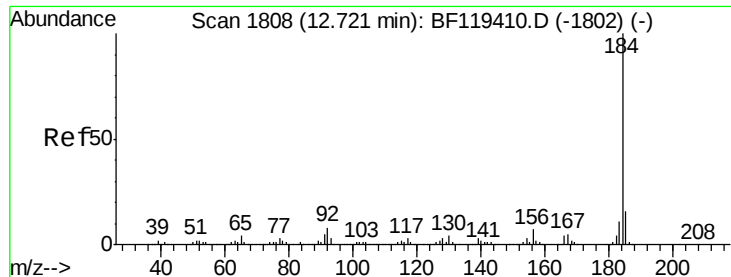
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.6	15.8#
236	26.3	20.2	30.2





#77

Benzidine

Concen: 29.632 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Instrument :

BNA_F

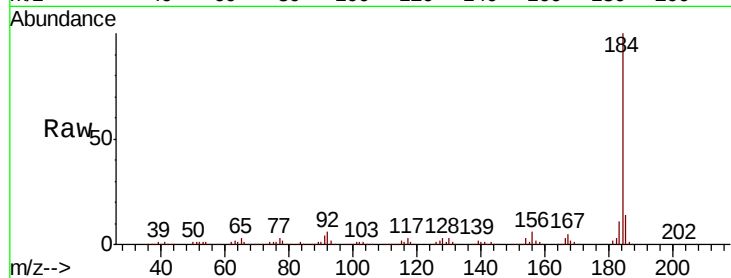
ClientSampleId :

PB128003BS

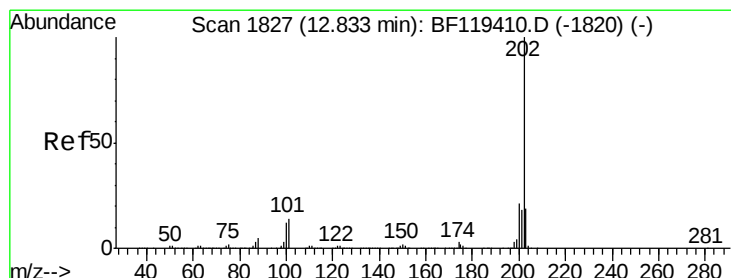
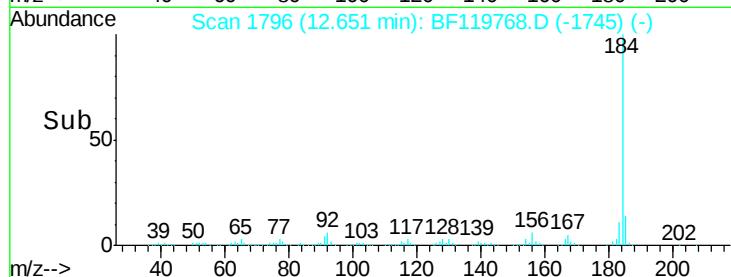
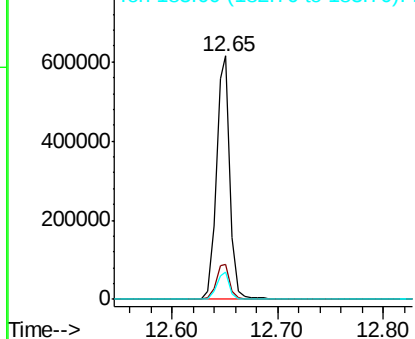
Tot Ion:	184	Resp:	561182
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.3	18.5
183	11.0	9.0	13.6

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



#78

Pyrene

Concen: 40.289 ng

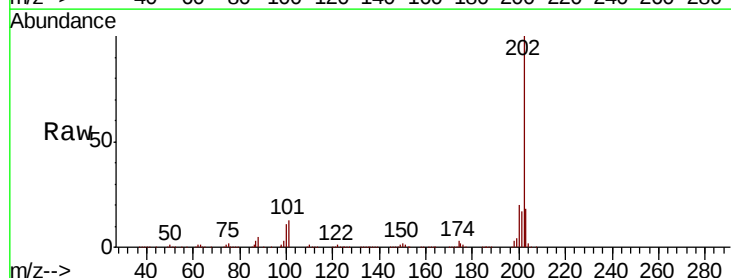
RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

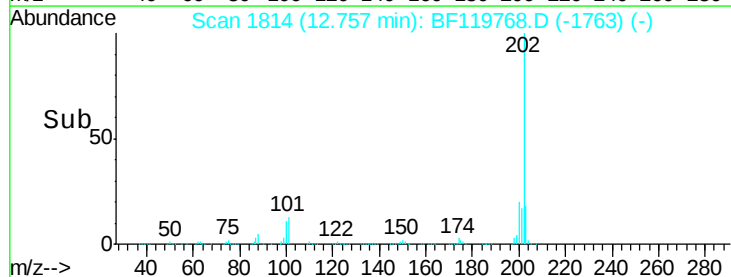
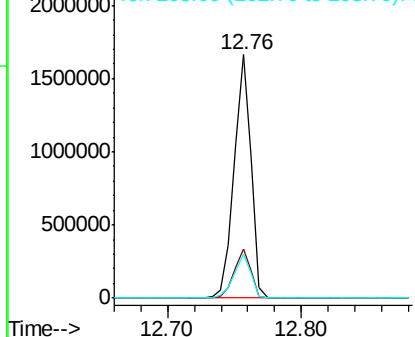
Lab File: BF119768.D

Acq: 6 Apr 2020 13:38

Tgt Ion:	202	Resp:	1479674
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	17.9	15.1	22.7



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





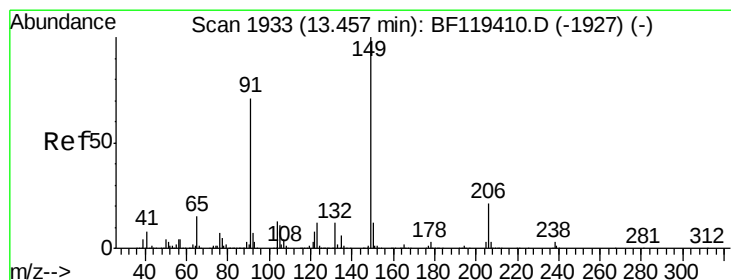
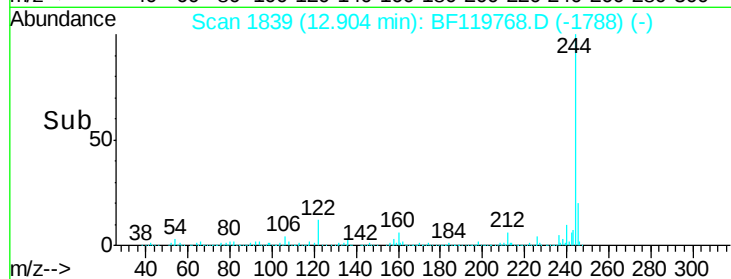
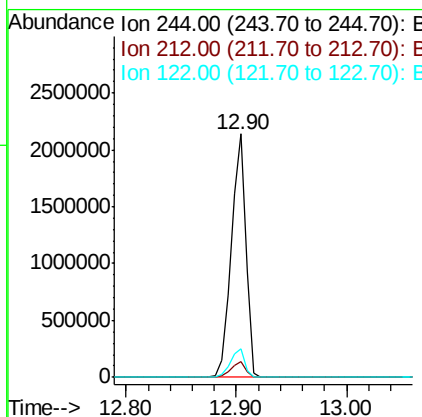
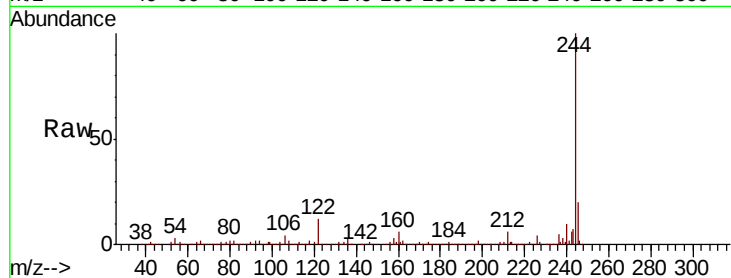
#79
 Terphenyl-d14
 Concen: 86.899 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion:244 Resp: 1984876
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.8 8.8
 122 11.7 10.3 15.5

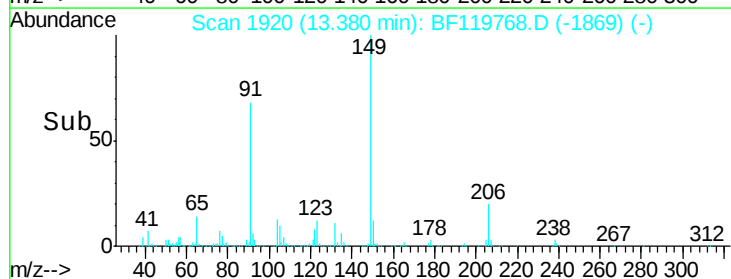
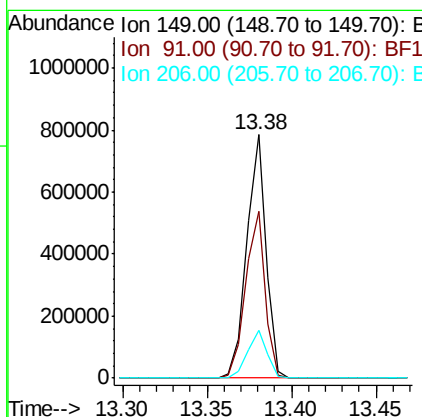
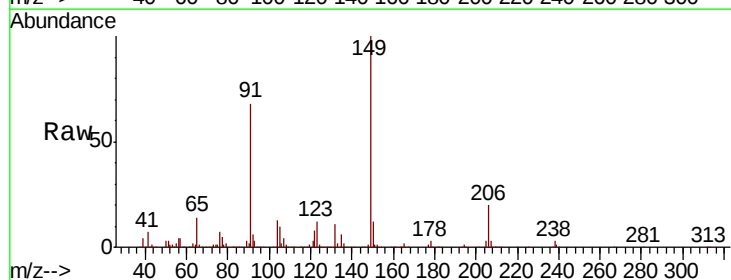
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#80
 Butylbenzylphthalate
 Concen: 42.295 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion:149 Resp: 628261
 Ion Ratio Lower Upper
 149 100
 91 68.4 54.7 82.1
 206 19.9 16.2 24.2





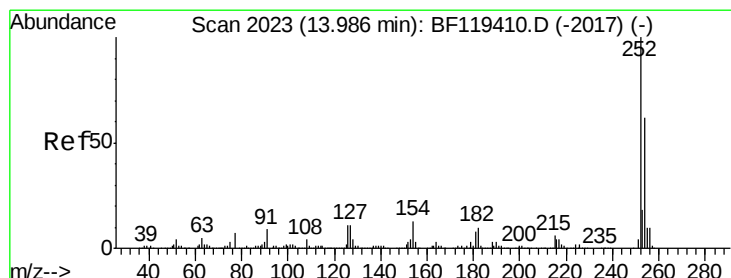
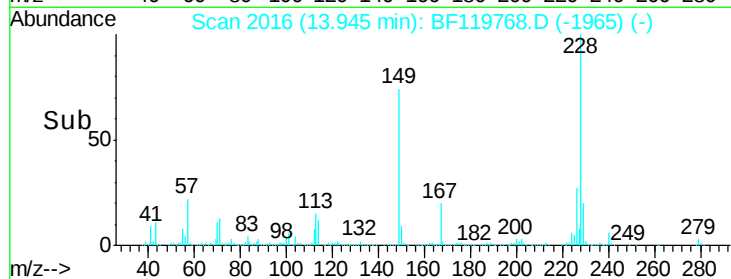
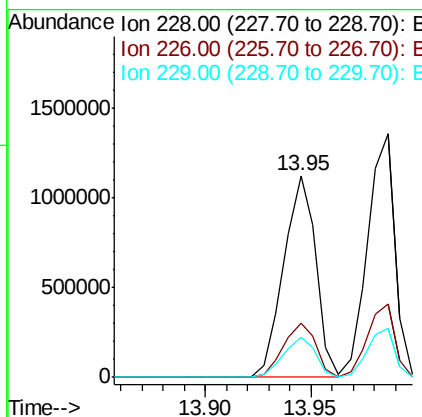
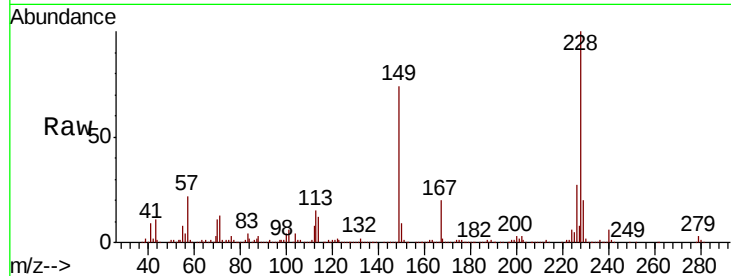
#81
Benzo(a)anthracene
Concen: 41.053 ng
RT: 13.95 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.8	32.8
229	19.7	16.2	24.4

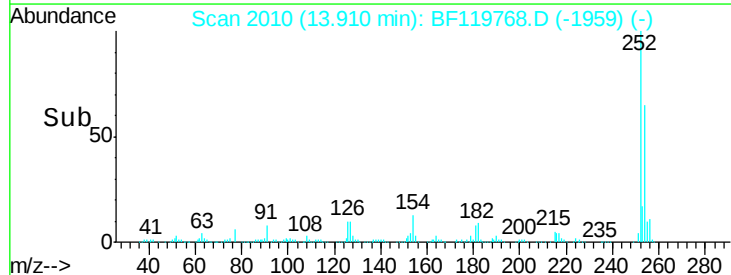
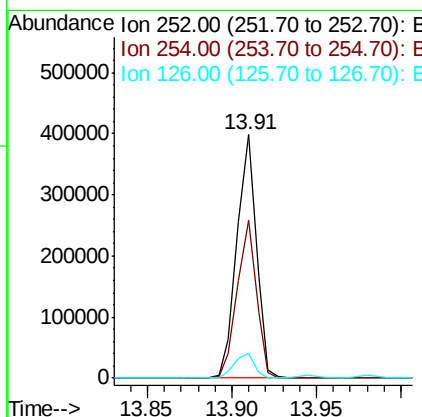
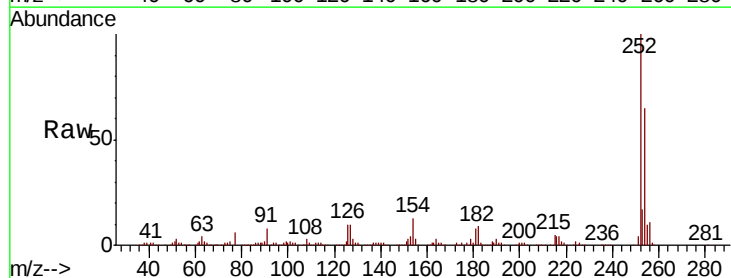
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#82
3,3'-Dichlorobenzidine
Concen: 27.944 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.2	76.8
126	10.0	9.6	14.4





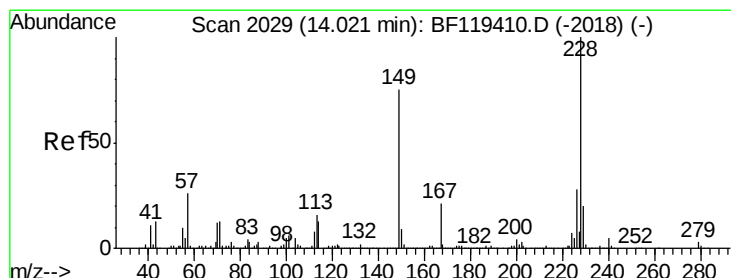
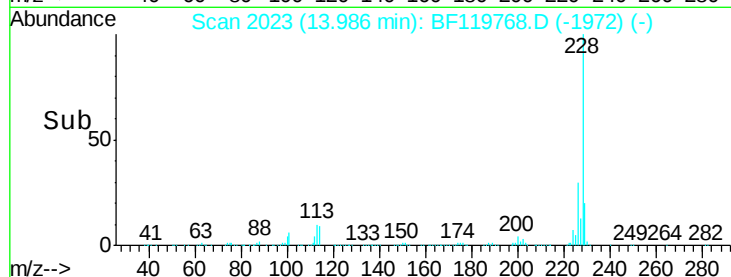
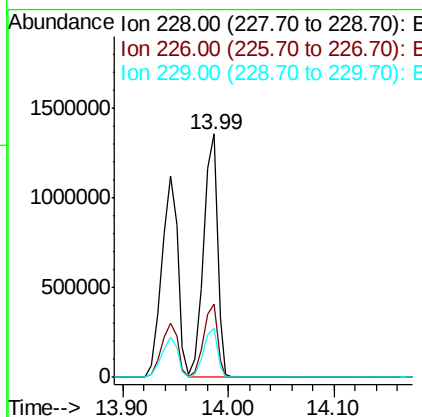
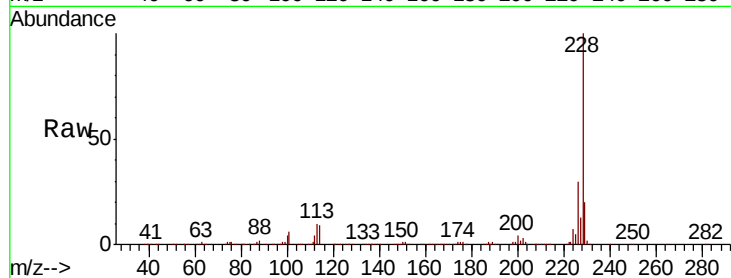
#83
 Chrysene
 Concen: 40.890 ng
 RT: 13.99 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB128003BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.0
229	20.1	16.6	24.8

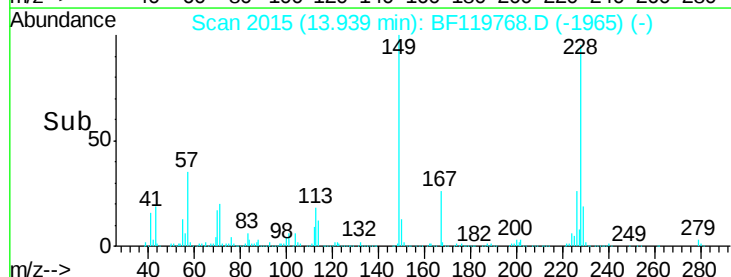
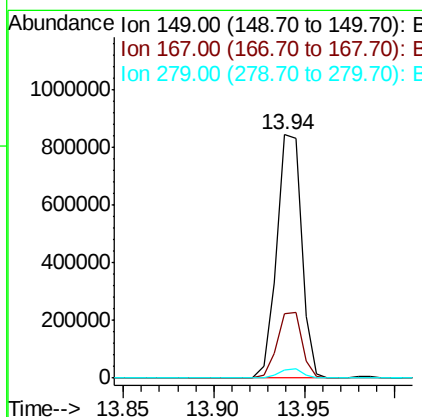
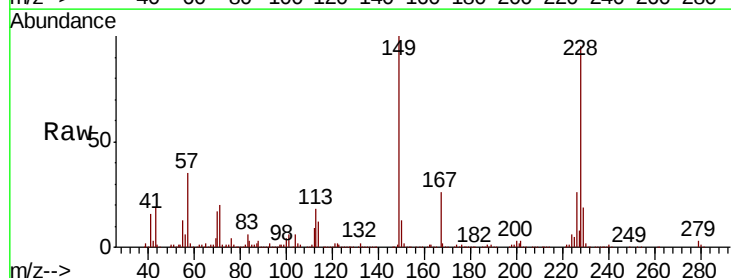
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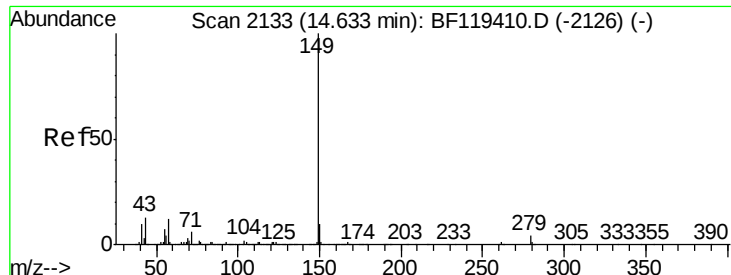
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.507 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF119768.D
 Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	2.7	4.1





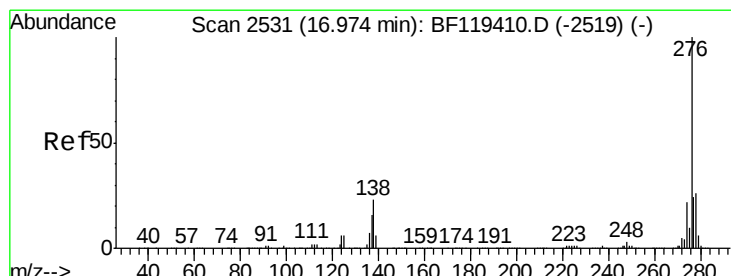
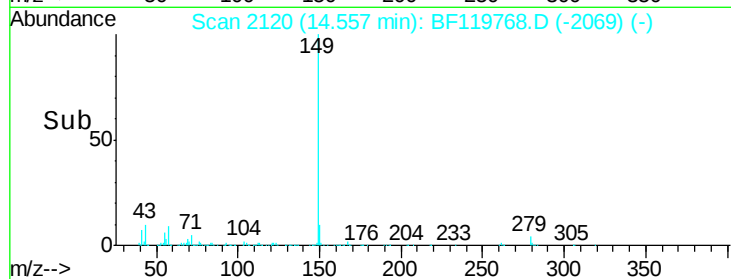
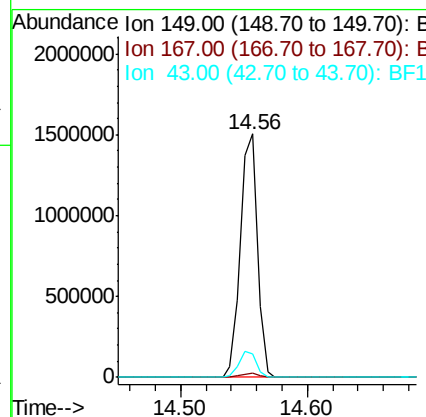
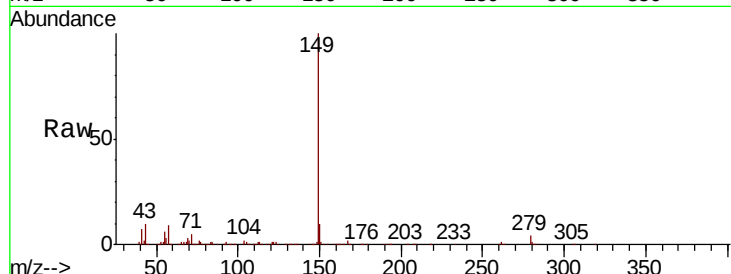
#85
Di-n-octyl phthalate
Concen: 44.435 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.8	9.3	13.9

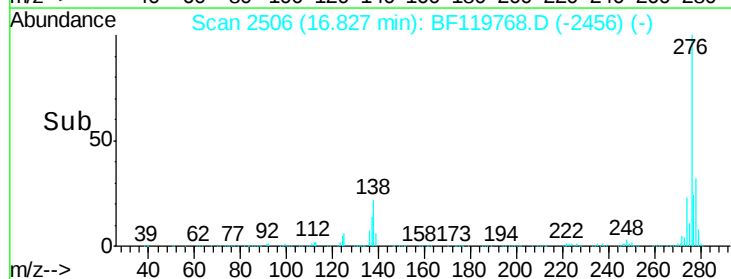
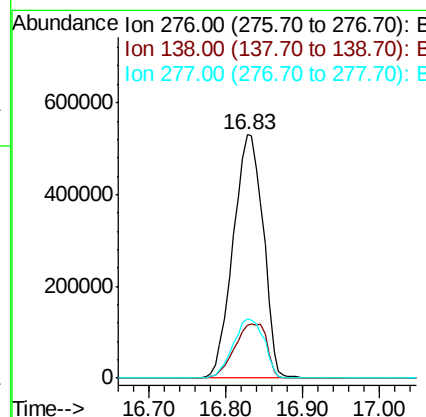
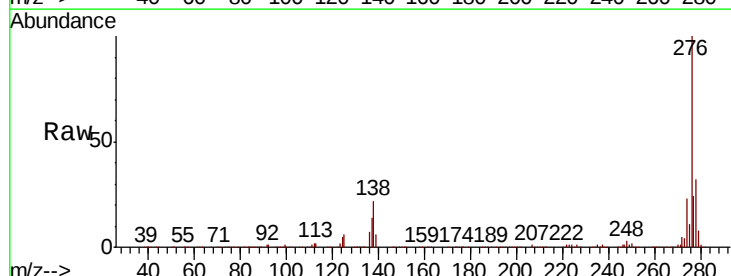
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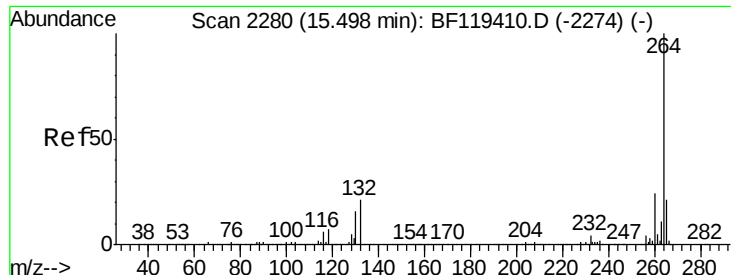
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.184 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.6	29.4
277	25.2	20.0	30.0





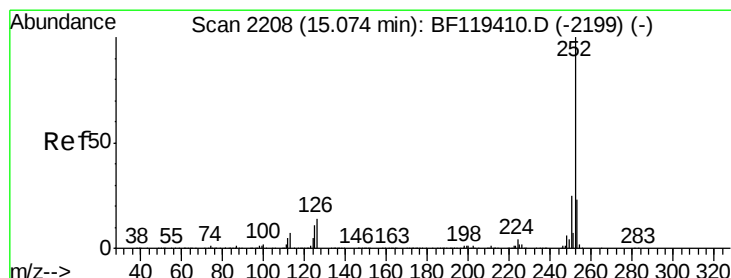
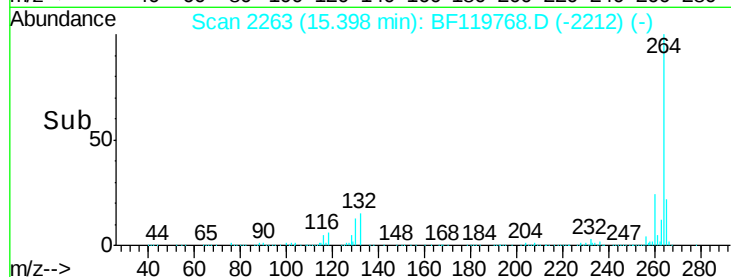
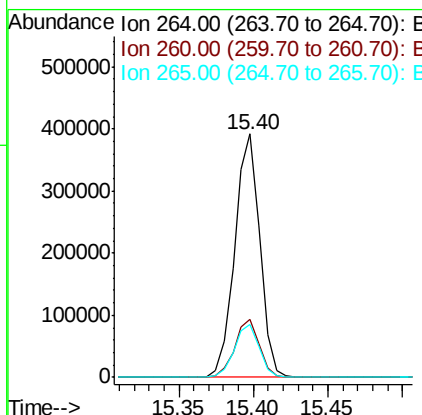
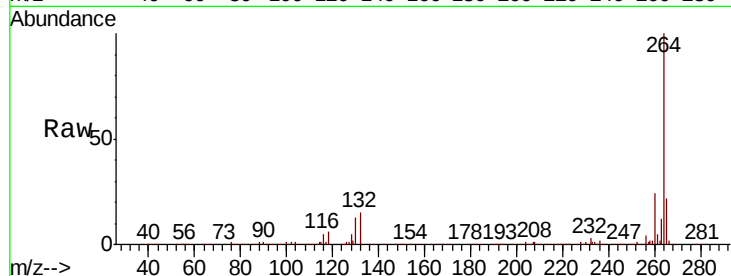
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	17.7	26.5

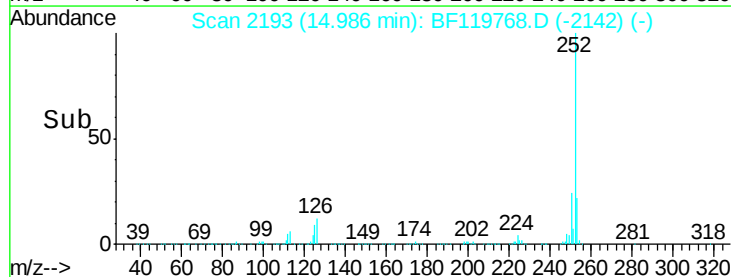
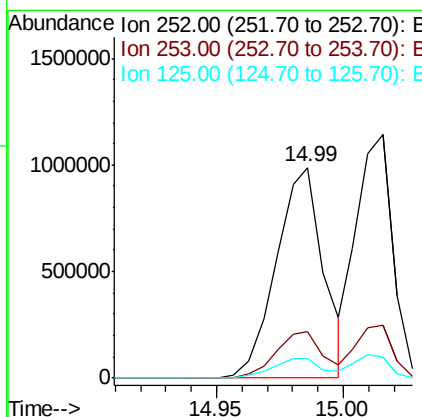
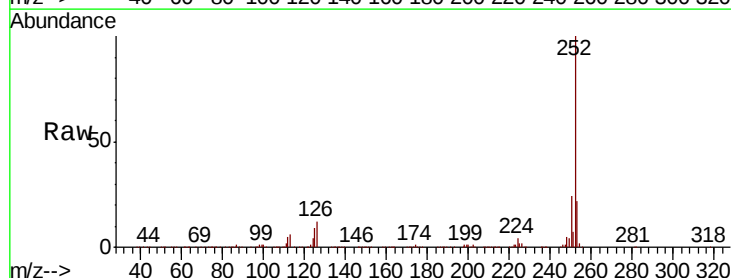
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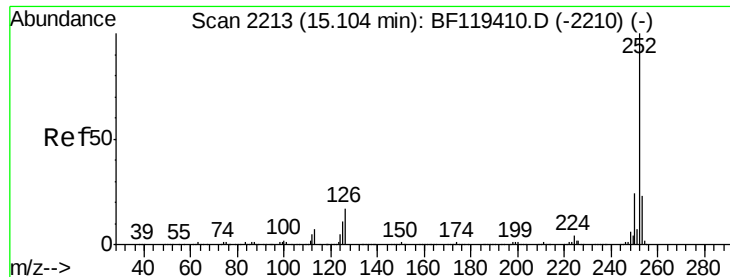
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.772 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.1	7.9	11.9





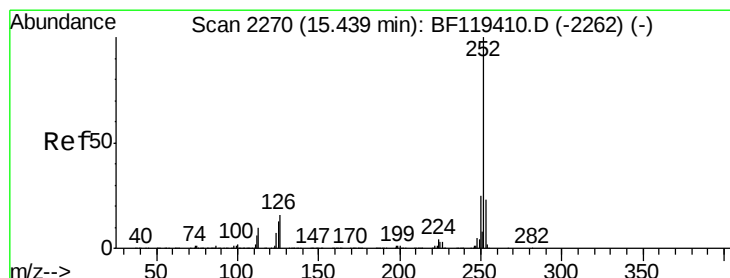
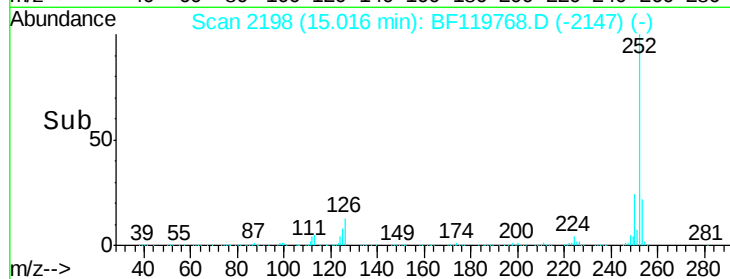
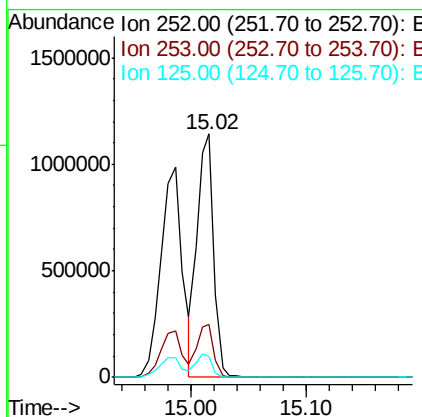
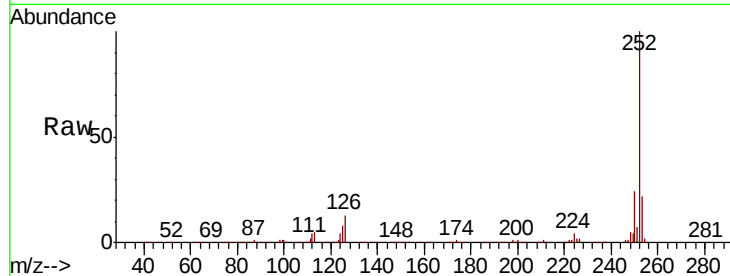
#89
Benzo(k)fluoranthene
Concen: 39.357 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.4	8.4	12.6

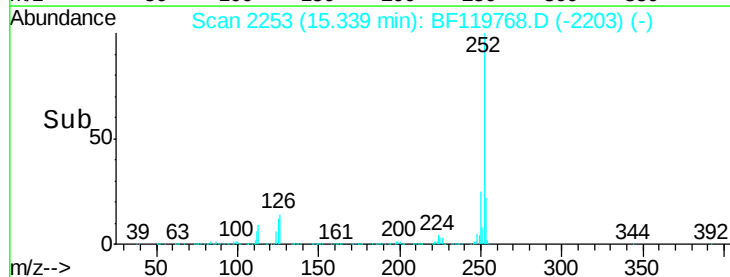
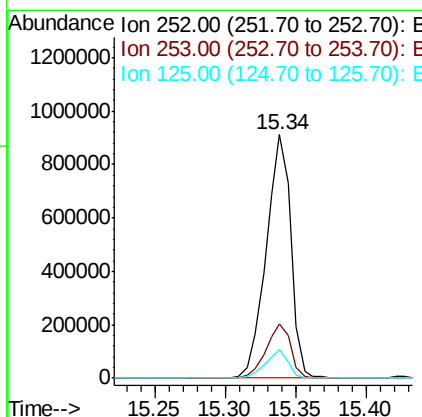
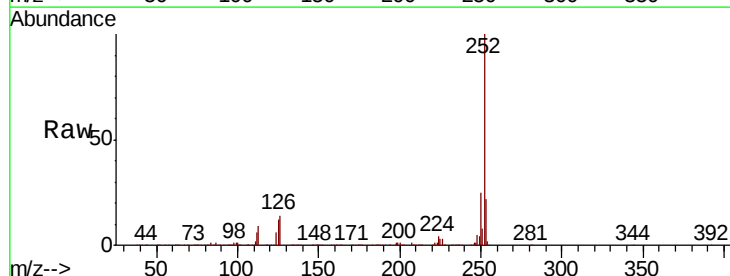
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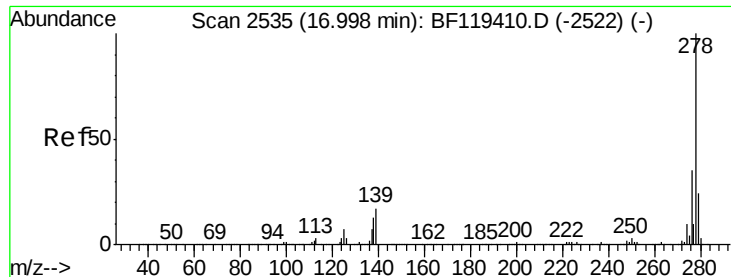
mohammad
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#90
Benzo(a)pyrene
Concen: 40.144 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.7	9.4	14.2





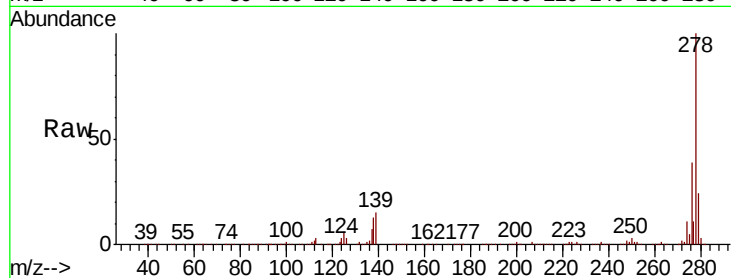
#91
Dibenzo(a,h)anthracene
Concen: 48.654 ng
RT: 16.85 min Scan# 2510
Delta R.T. 0.00 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Instrument :
BNA_F
ClientSampleId :
PB128003BS

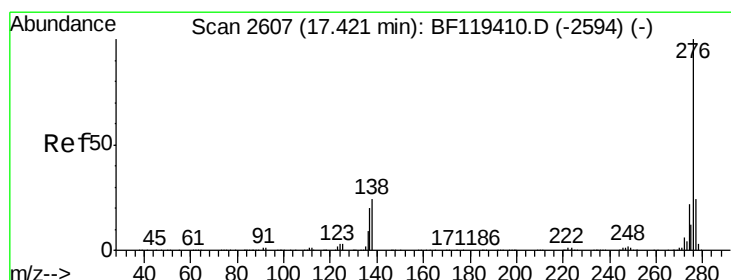
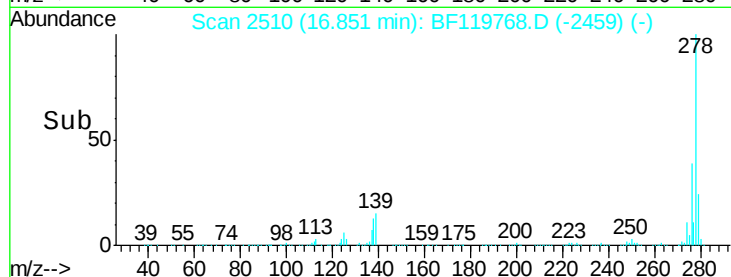
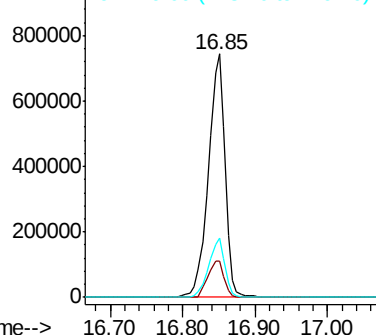
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	19.0
279	24.3	19.0	28.6

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



#92
Benzo(g,h,i)perylene
Concen: 48.162 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119768.D
Acq: 6 Apr 2020 13:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	19.4	15.4	23.0

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

