

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120213.D
 Acq On : 27 Apr 2020 12:39
 Operator : MA/SJ
 Sample : PB128485BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Manual Integrations
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mohammad
 4/28/2020 11:08:25 PM

Quant Time: Apr 27 13:13:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	126398	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	484318	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	270885	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	530850	20.00	ng	0.00
76) Chrysene-d12	13.83	240	382569	20.00	ng	0.00
87) Perylene-d12	15.24	264	318860	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1002953	137.13	ng	0.00
7) Phenol-d6	6.32	99	1252251	132.87	ng	0.00
23) Nitrobenzene-d5	7.23	82	785038	83.86	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	369710	111.47	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1610590	84.42	ng	0.00
79) Terphenyl-d14	12.78	244	1812087	79.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	131789	40.456	ng	97
3) Pyridine	3.03	79	368379	41.216	ng	91
4) n-Nitrosodimethylamine	2.99	42	208711	45.704	ng	93
6) Aniline	6.33	93	423811	34.262	ng	# 54
8) 2-Chlorophenol	6.46	128	399907	48.936	ng	97
9) Benzaldehyde	6.21	77	152949	25.758	ng	97
10) Phenol	6.33	94	499748	46.741	ng	81
11) bis(2-Chloroethyl)ether	6.40	93	379305	45.946	ng	99
12) 1,3-Dichlorobenzene	6.60	146	406982	45.490	ng	98
13) 1,4-Dichlorobenzene	6.68	146	412447	45.256	ng	97
14) 1,2-Dichlorobenzene	6.83	146	389481	46.372	ng	99
15) Benzyl Alcohol	6.82	79	328577	44.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	644634	40.128	ng	# 36
17) 2-Methylphenol	6.94	107	316637	43.417	ng	# 90
18) Hexachloroethane	7.17	117	155107	45.539	ng	99
19) n-Nitroso-di-n-propylamine	7.09	70	274381	45.275	ng	97
20) 3+4-Methylphenols	7.10	107	418189	46.885	ng	# 80
22) Acetophenone	7.08	105	546591	48.195	ng	# 99
24) Nitrobenzene	7.25	77	419434	44.537	ng	98
25) Isophorone	7.49	82	746976	41.391	ng	99
26) 2-Nitrophenol	7.57	139	216064	45.922	ng	95
27) 2,4-Dimethylphenol	7.62	122	331464	46.711	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	469898	44.249	ng	100
29) 2,4-Dichlorophenol	7.82	162	324801	44.654	ng	98
30) 1,2,4-Trichlorobenzene	7.89	180	347936	42.217	ng	99
31) Naphthalene	7.97	128	1123799	44.103	ng	99
32) Benzoic acid	7.76	122	223175	35.810	ng	98
33) 4-Chloroaniline	8.03	127	279787	25.222	ng	98
34) Hexachlorobutadiene	8.09	225	201996	40.944	ng	99
35) Caprolactam	8.40	113	93407m	41.981	ng	
36) 4-Chloro-3-methylphenol	8.53	107	339099	43.061	ng	97
37) 2-Methylnaphthalene	8.67	142	810467	46.914	ng	99
38) 1-Methylnaphthalene	8.76	142	759153	46.622	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	360478	42.133	ng	99

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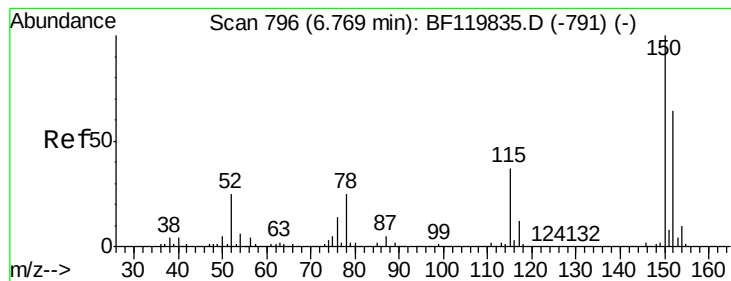
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	339838	69.852	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	249327	42.201	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	261621	39.316	nq	98
46) 1,1'-Biphenyl	9.13	154	981311	42.919	nq	97
47) 2-Chloronaphthalene	9.16	162	755165	42.874	nq	98
48) 2-Nitroaniline	9.26	65	272065	42.624	nq	98
49) Acenaphthylene	9.57	152	1205272	44.995	nq	98
50) Dimethylphthalate	9.44	163	895002	42.716	nq	100
51) 2,6-Dinitrotoluene	9.50	165	200038	43.598	nq	93
52) Acenaphthene	9.74	154	716951	40.124	nq	99
53) 3-Nitroaniline	9.67	138	145761	27.816	nq	95
54) 2,4-Dinitrophenol	9.79	184	210851	76.757	nq	98
55) Dibenzofuran	9.92	168	1084181	44.216	nq	97
56) 4-Nitrophenol	9.86	139	293270	75.217	nq	92
57) 2,4-Dinitrotoluene	9.91	165	262235	43.380	nq	95
58) Fluorene	10.26	166	855796	43.641	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.04	232	224666	44.145	nq	99
60) Diethylphthalate	10.14	149	923586	42.530	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	410985	40.891	nq	97
62) 4-Nitroaniline	10.29	138	223514	44.757	nq	100
63) Azobenzene	10.41	77	859644	44.171	nq	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	148712	42.522	nq	100
66) n-Nitrosodiphenylamine	10.37	169	777403	44.034	nq	100
67) 4-Bromophenyl-phenylether	10.74	248	254954	38.620	nq	97
68) Hexachlorobenzene	10.80	284	277747	41.473	nq	99
69) Atrazine	10.90	200	236388	48.124	nq	99
70) Pentachlorophenol	11.00	266	249667	64.691	nq	99
71) Phenanthrene	11.22	178	1254233	44.394	nq	98
72) Anthracene	11.27	178	1291223	44.739	nq	98
73) Carbazole	11.43	167	1201321	44.015	nq	98
74) Di-n-butylphthalate	11.76	149	1489546	41.515	nq	98
75) Fluoranthene	12.40	202	1382614	45.355	nq	99
77) Benzidine	12.53	184	756721	58.516	nq	97
78) Pyrene	12.63	202	1375401	42.646	nq	98
80) Butylbenzylphthalate	13.26	149	625466	39.967	nq	99
81) Benzo(a)anthracene	13.82	228	1094873	43.503	nq	99
82) 3,3'-Dichlorobenzidine	13.79	252	256699	27.335	nq	98
83) Chrysene	13.86	228	1099578	42.998	nq	97
84) Bis(2-ethylhexyl)phthalate	13.82	149	812761	38.351	nq	99
85) Di-n-octyl phthalate	14.43	149	1316020	36.471	nq	99
86) Indeno(1,2,3-cd)pyrene	16.61	276	930319	41.270	nq	99
88) Benzo(b)fluoranthene	14.84	252	1085338	47.316	nq	99
89) Benzo(k)fluoranthene	14.87	252	1031904	52.139	nq	99
90) Benzo(a)pyrene	15.19	252	897287	46.525	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	794628	46.514	nq	98
92) Benzo(g,h,i)perylene	17.02	276	736301	43.663	nq	98

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



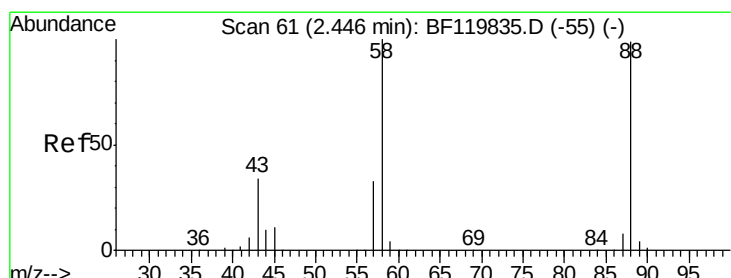
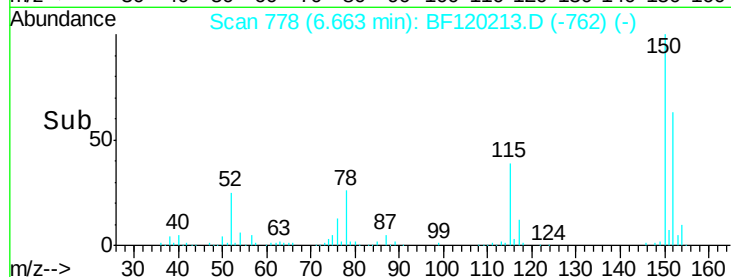
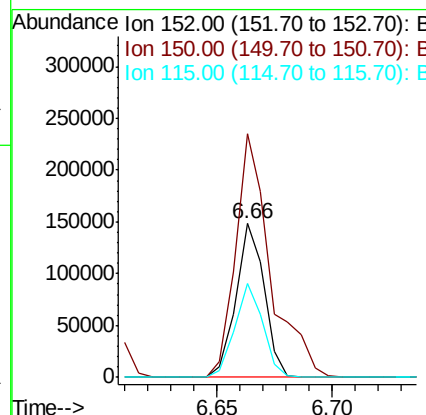
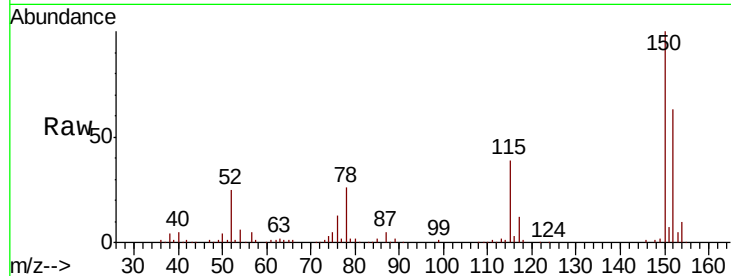
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.5	186.7
115	61.4	49.6	74.4

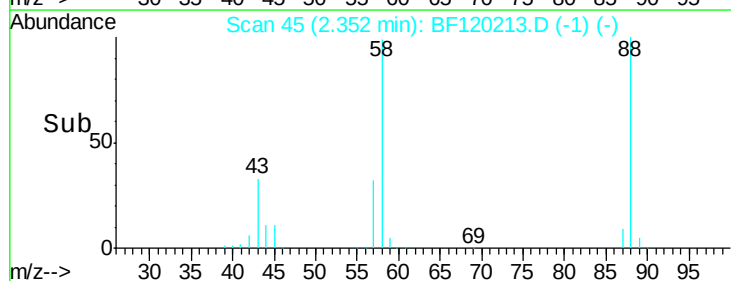
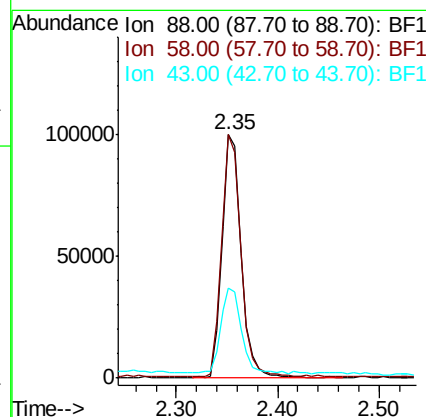
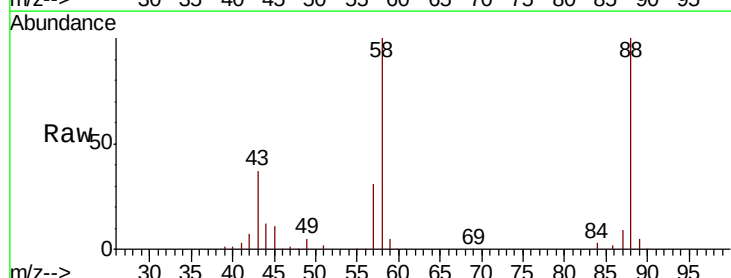
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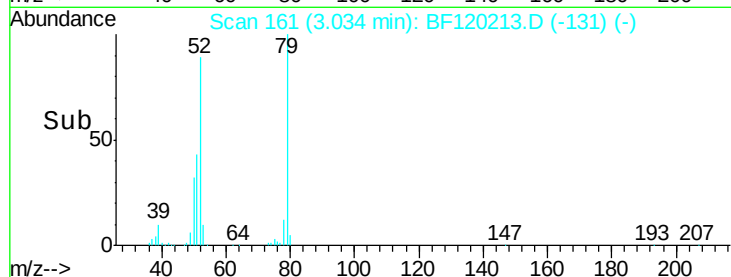
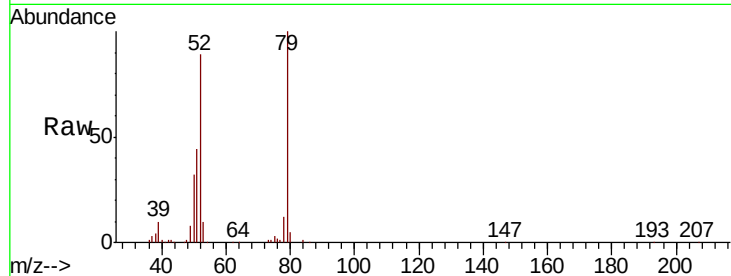
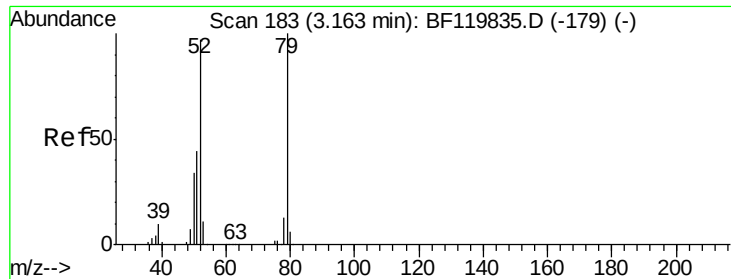
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#2
 1,4-Dioxane
 Concen: 40.456 ng
 RT: 2.35 min Scan# 45
 Delta R.T. 0.08 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.9	80.6	121.0
43	37.2	27.5	41.3





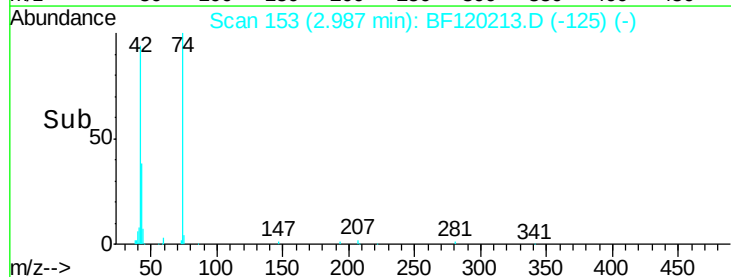
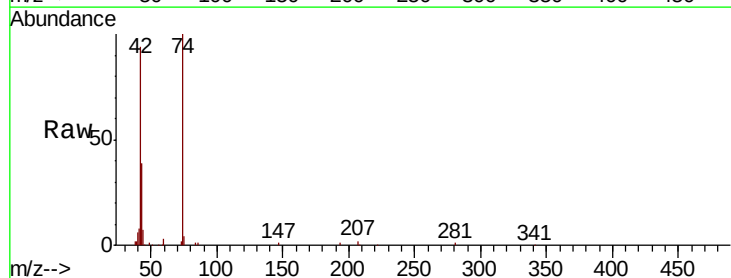
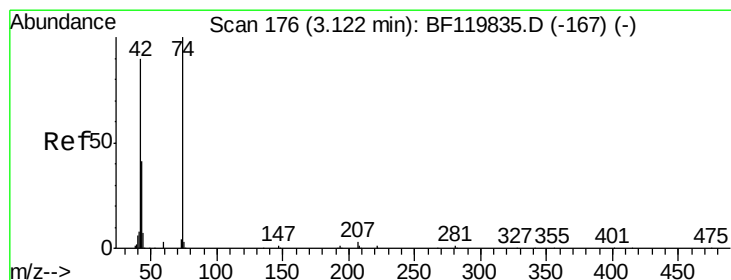
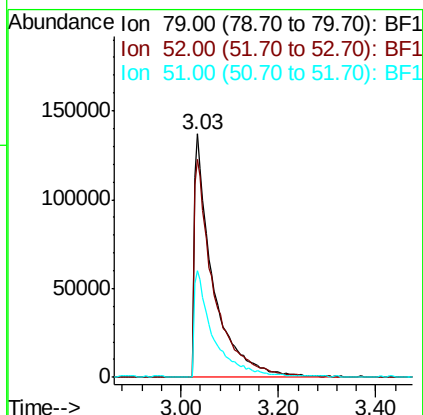
#3
Pvridine
Concen: 41.216 ng
RT: 3.03 min Scan# 161
Delta R.T. 0.08 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tot Ion	Ratio	Lower	Upper
79	100		
52	89.4	80.2	120.2
51	43.9	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
PB128485BS

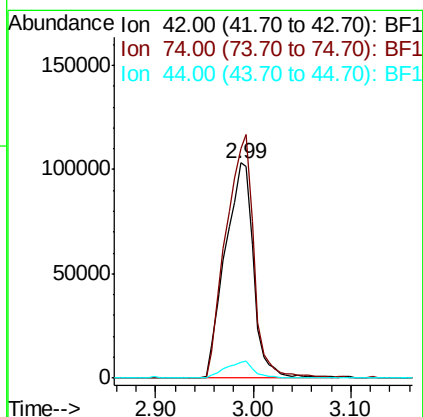
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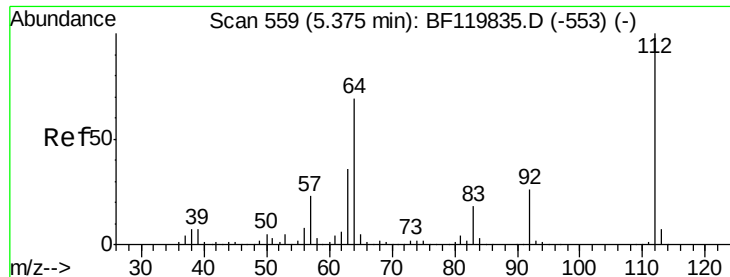
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#4
n-Nitrosodimethylamine
Concen: 45.704 ng
RT: 2.99 min Scan# 153
Delta R.T. 0.06 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.3	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 137.129 ng

RT: 5.29 min Scan# 544

Delta R.T. 0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion: 112 Resp: 1002953

Ion Ratio Lower Upper

112 100

64 70.0 56.7 85.1

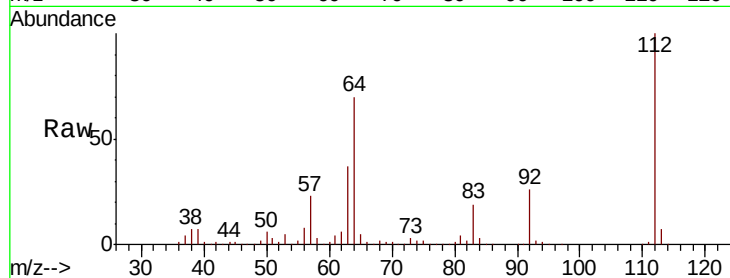
63 37.2 29.5 44.3

Manual Integrations

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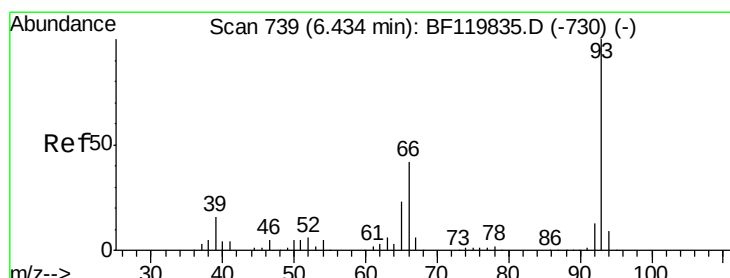
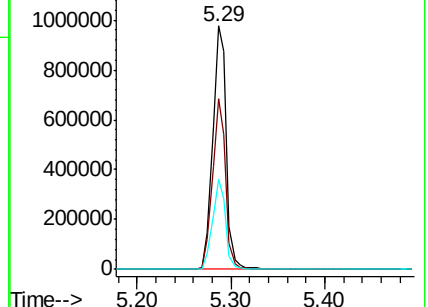
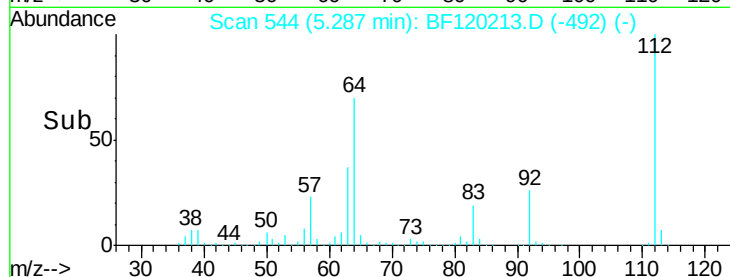
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.262 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

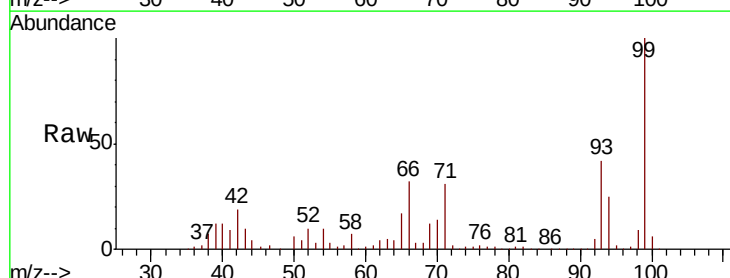
Tgt Ion: 93 Resp: 423811

Ion Ratio Lower Upper

93 100

66 75.8 34.9 52.3#

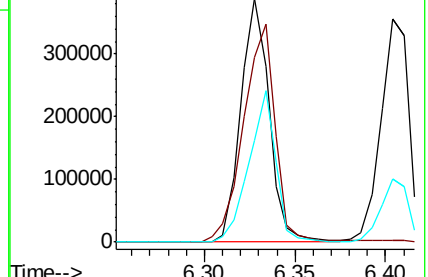
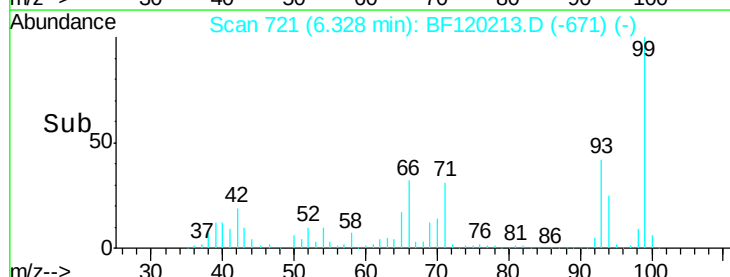
65 41.7 18.6 27.8#

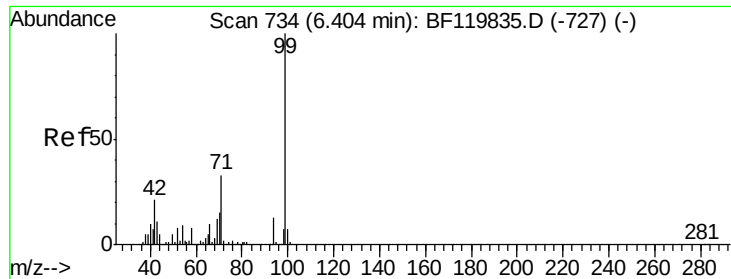


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.874 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion: 99 Resp: 1252251

Ion Ratio Lower Upper

99 100

42 21.0 16.6 24.8

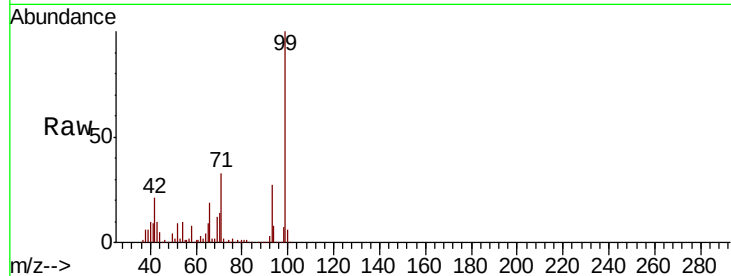
71 32.8 26.4 39.6

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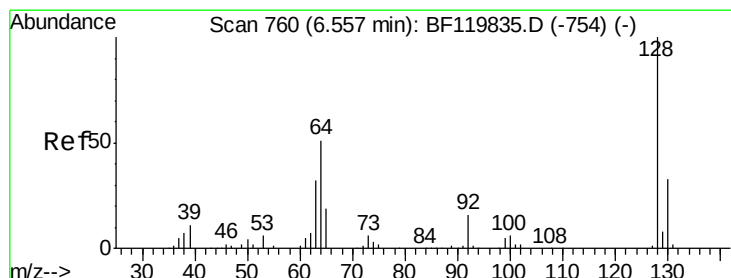
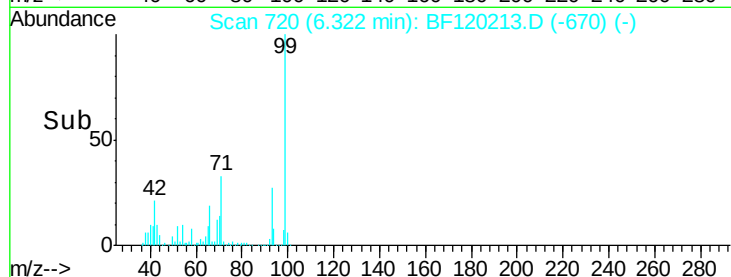
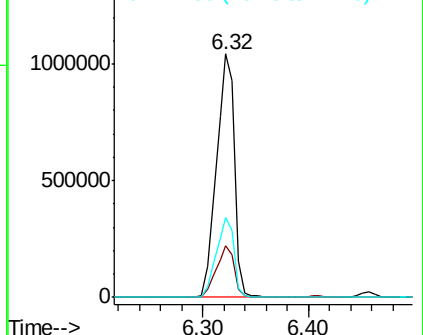
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.936 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

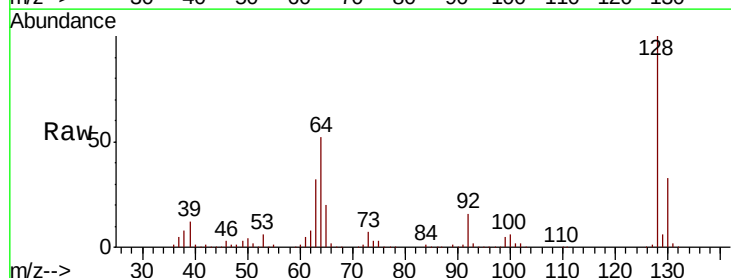
Tgt Ion: 128 Resp: 399907

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

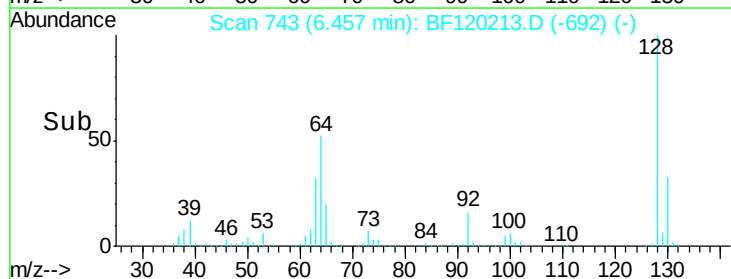
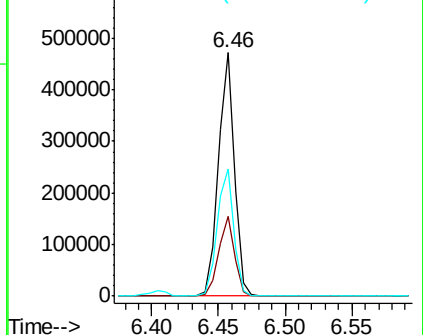
64 52.2 35.3 75.3

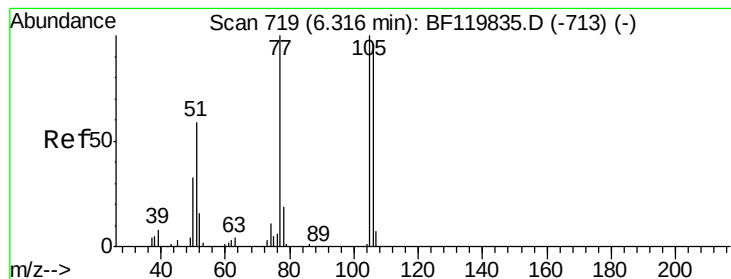


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.758 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

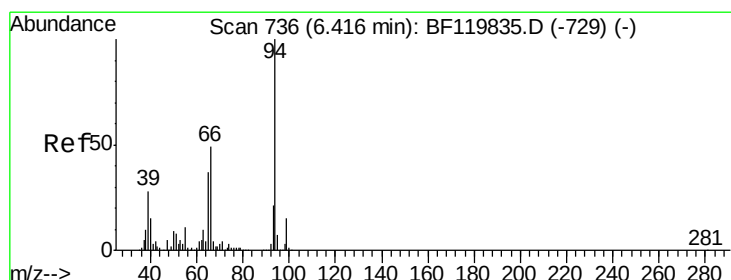
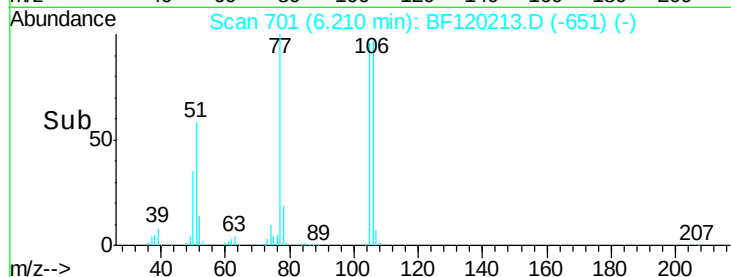
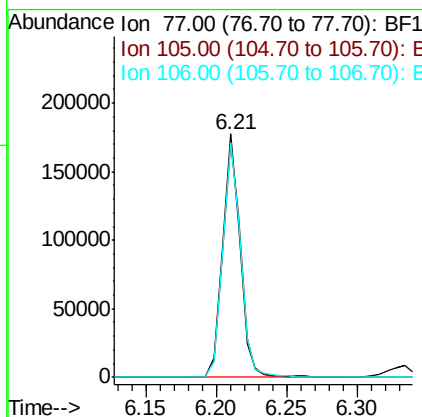
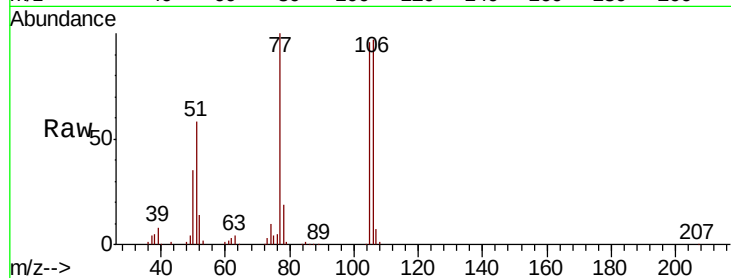
ClientSampleId :

PB128485BS

Tot Ion:	77	Resp:	152949
Ion	Ratio	Lower	Upper
77	100		
105	96.4	80.9	120.9
106	96.5	77.9	117.9

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#10

Phenol

Concen: 46.741 ng

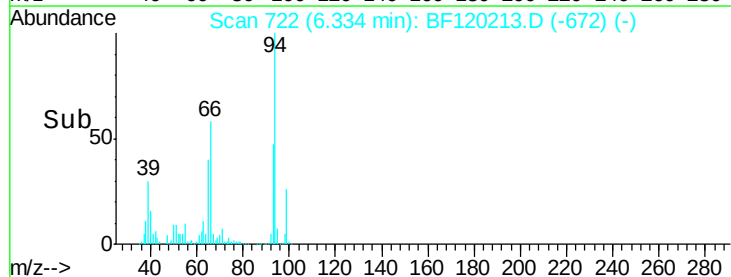
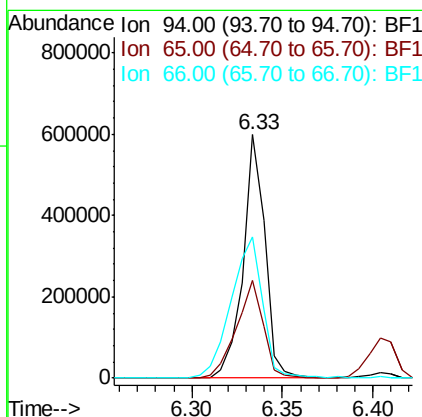
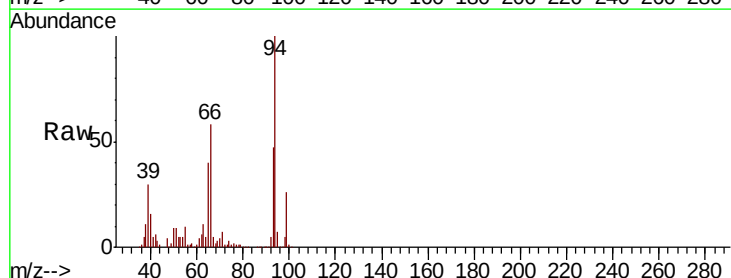
RT: 6.33 min Scan# 722

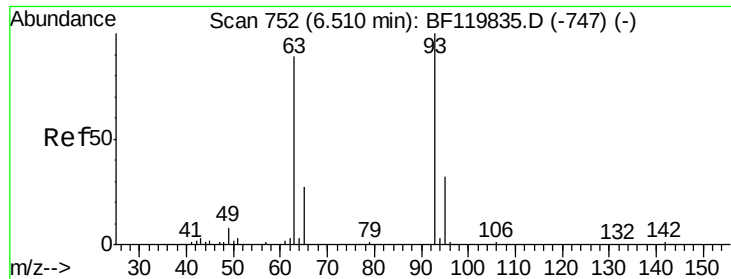
Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	94	Resp:	499748
Ion	Ratio	Lower	Upper
94	100		
65	40.3	13.2	53.2
66	57.9	22.3	62.3





#11

bis(2-Chloroethyl)ether

Concen: 45.946 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

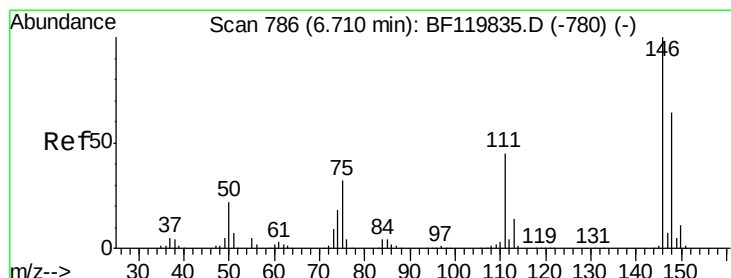
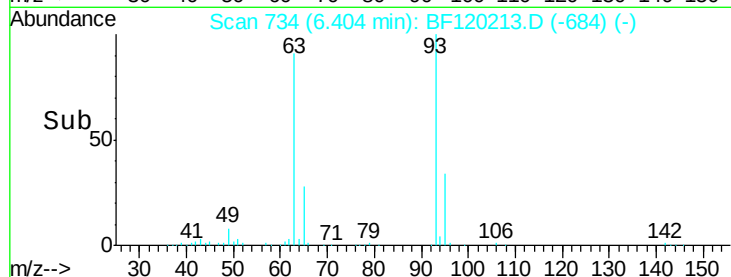
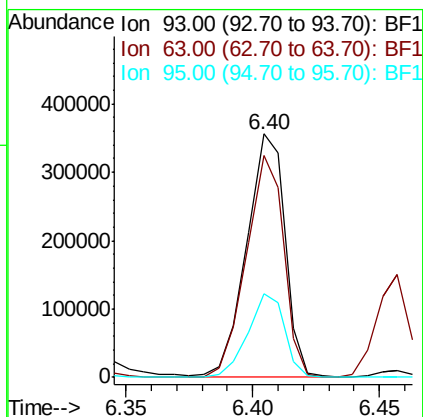
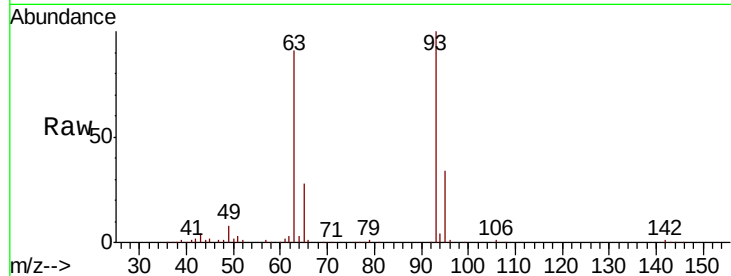
ClientSampleId :

PB128485BS

Tot Ion:	93	Resp:	379305
Ion	Ratio	Lower	Upper
93	100		
63	91.4	70.2	110.2
95	34.3	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 45.490 ng

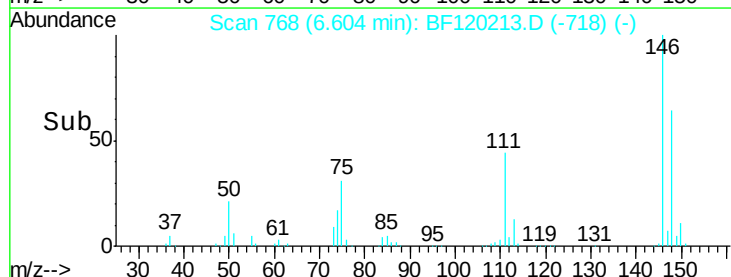
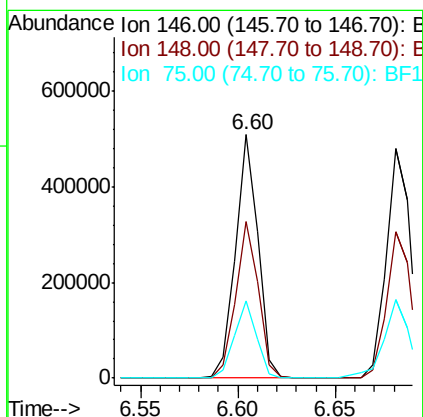
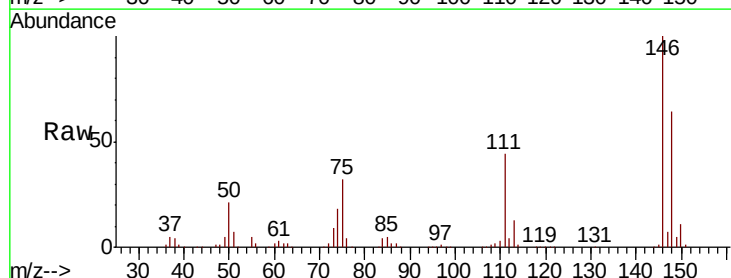
RT: 6.60 min Scan# 768

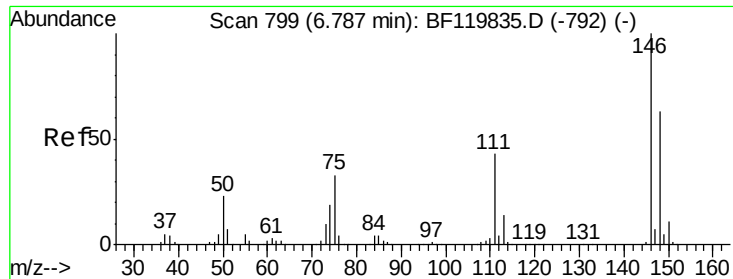
Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	146	Resp:	406982
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.2	78.4
75	31.5	23.0	34.4





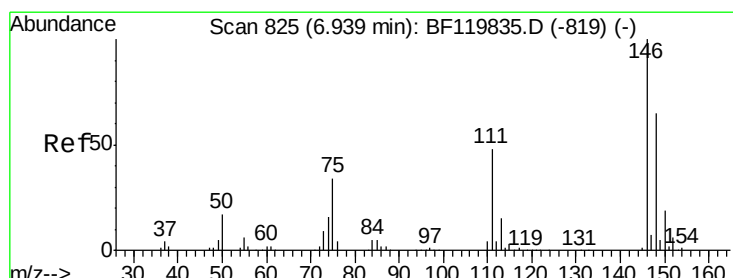
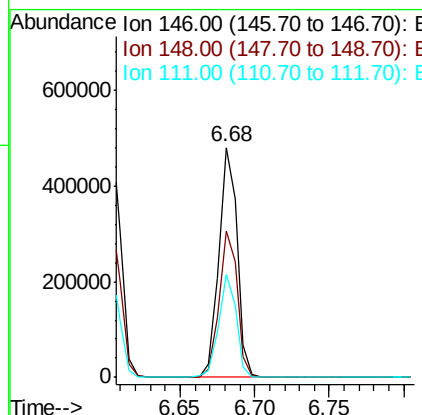
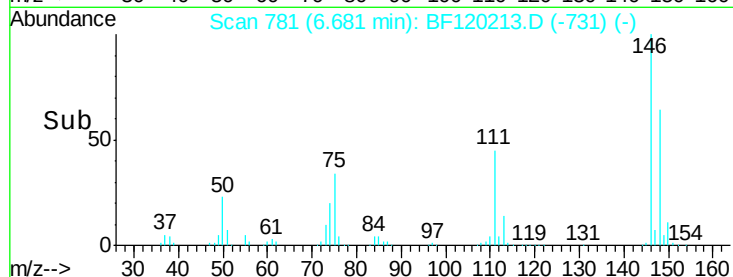
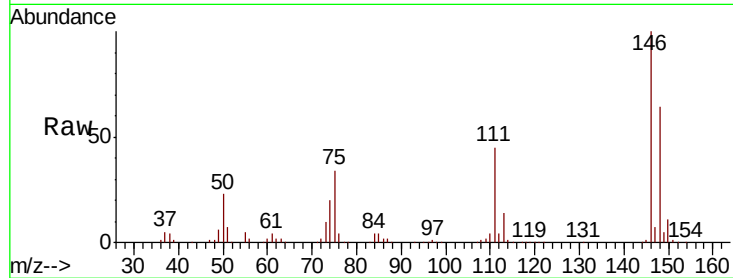
#13
 1,4-Dichlorobenzene
 Concen: 45.256 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	44.7	33.3	49.9

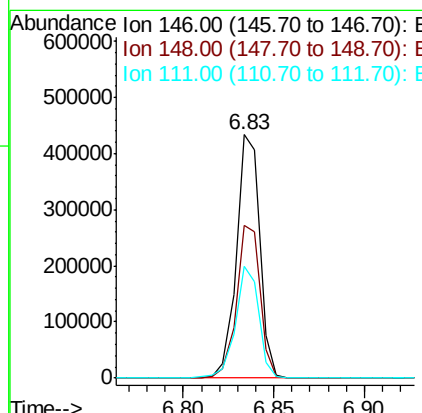
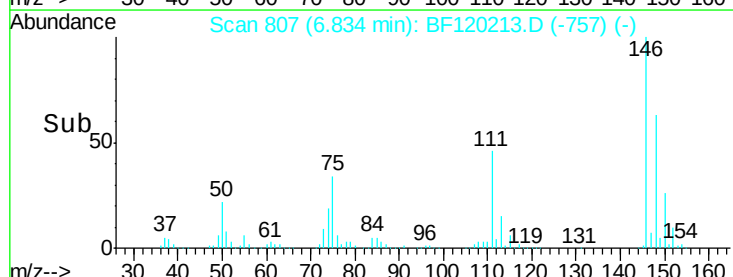
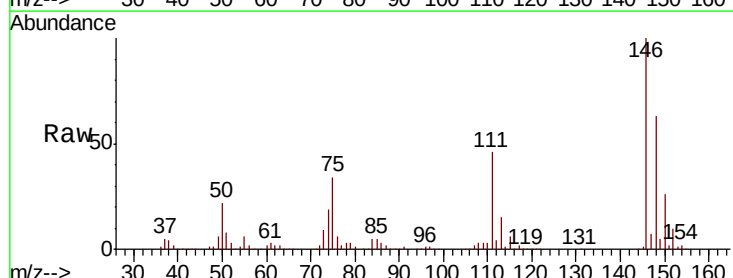
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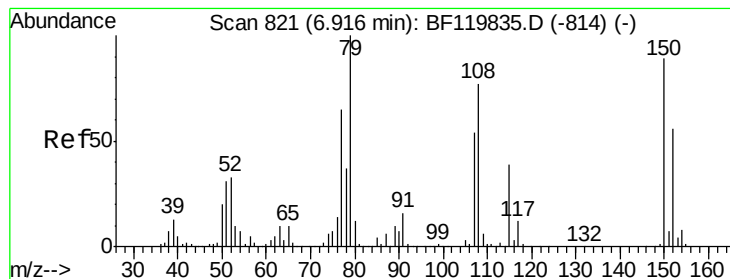
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#14
 1,2-Dichlorobenzene
 Concen: 46.372 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	45.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 44.888 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

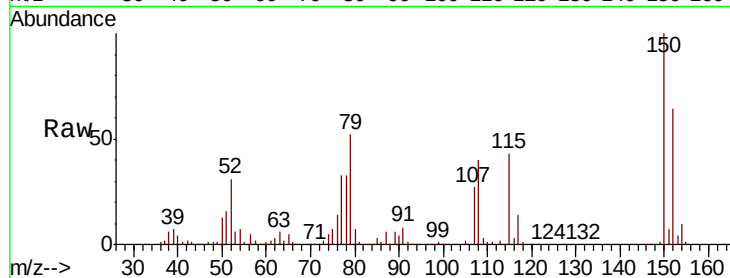
ClientSampleId :

PB128485BS

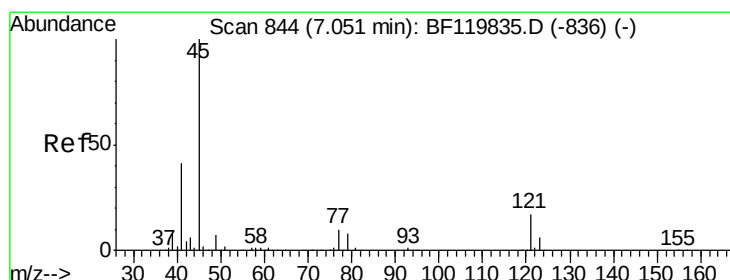
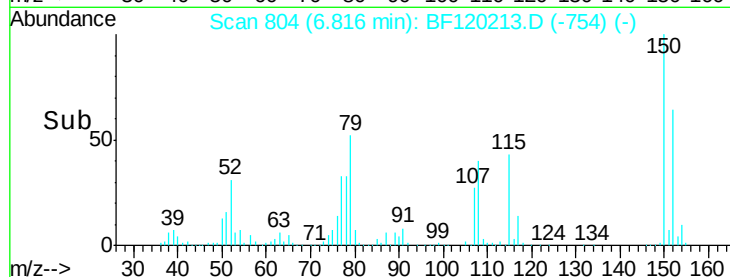
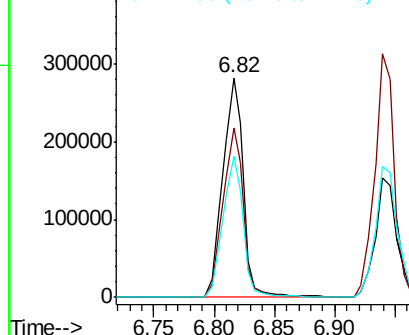
Tot Ion:	79	Resp:	328577
Ion Ratio	Lower	Upper	
79	100		
108	76.9	60.6	90.8
77	64.4	50.2	75.2

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.128 ng

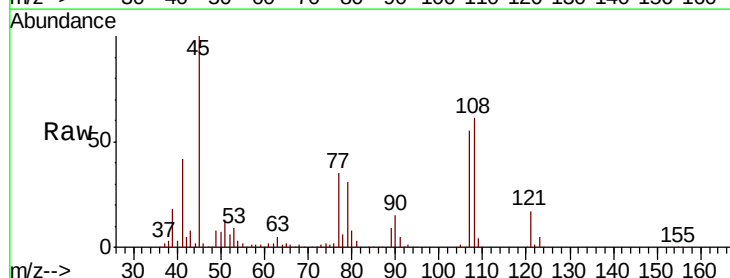
RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

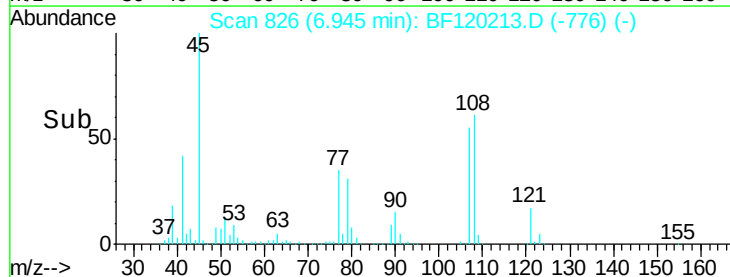
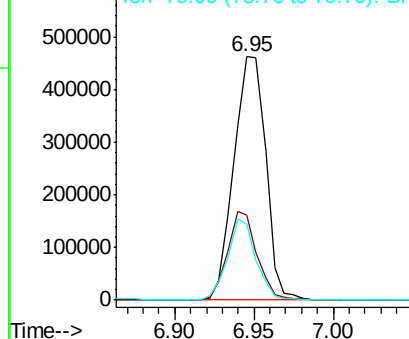
Lab File: BF120213.D

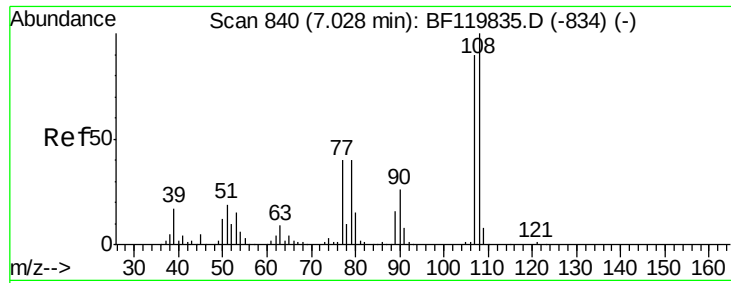
Acq: 27 Apr 2020 12:39

Tgt Ion:	45	Resp:	644634
Ion Ratio	Lower	Upper	
45	100		
77	34.8	0.0	30.7#
79	31.1	0.0	28.2#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





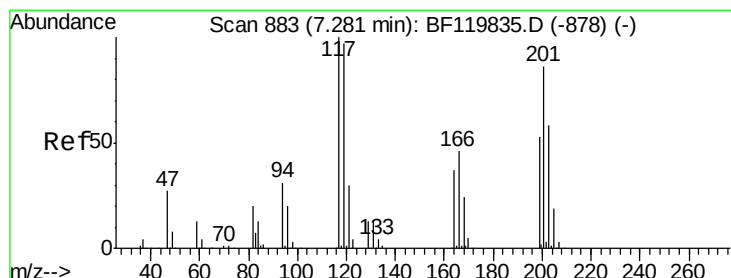
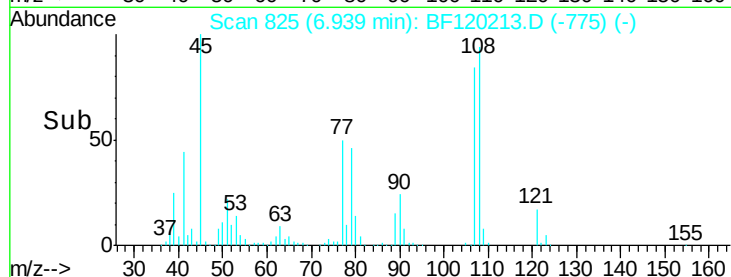
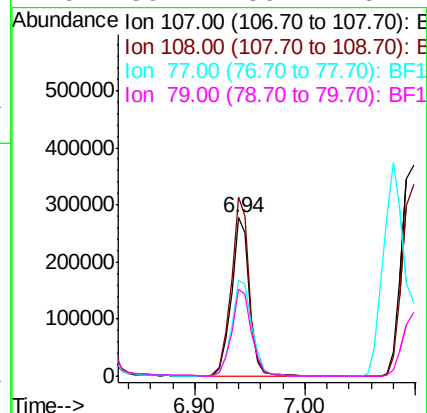
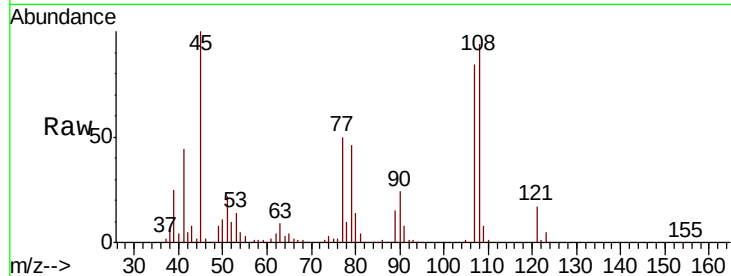
#17
2-Methylphenol
Concen: 43.417 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	92.2	138.4	
77	60.3	36.6	54.8	
79	55.2	36.2	54.4	

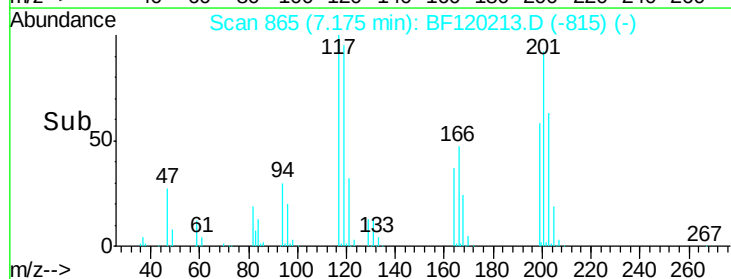
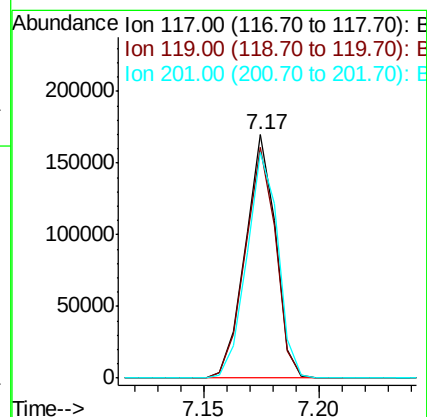
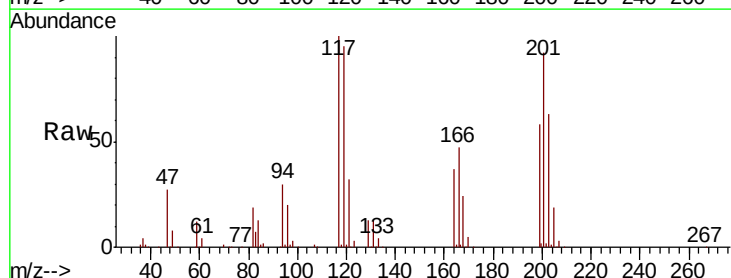
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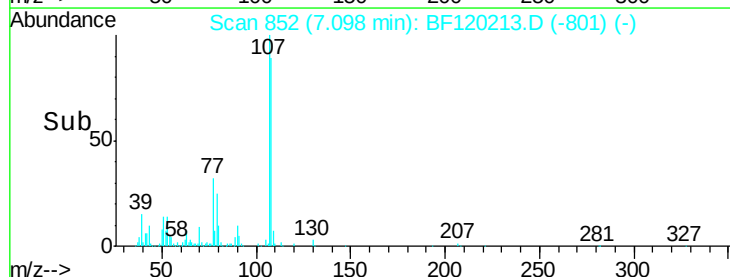
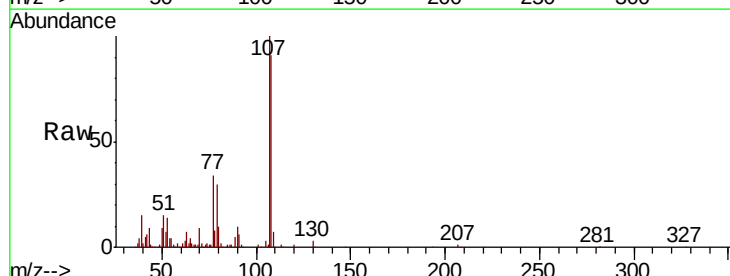
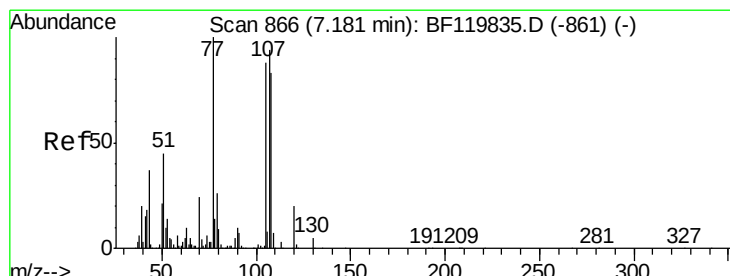
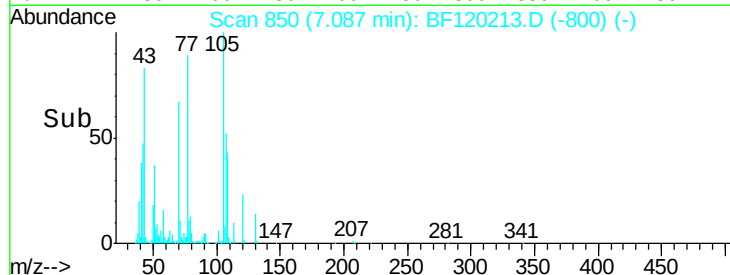
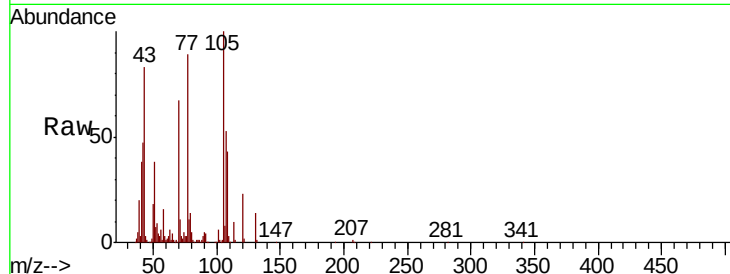
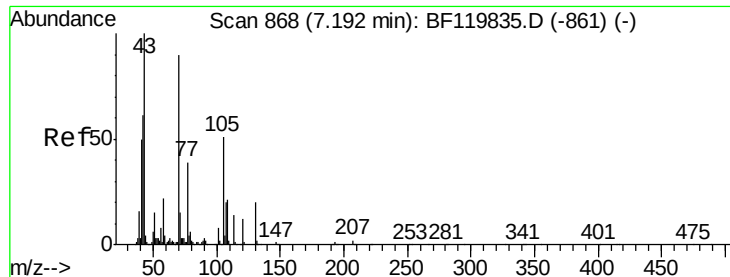
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#18
Hexachloroethane
Concen: 45.539 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

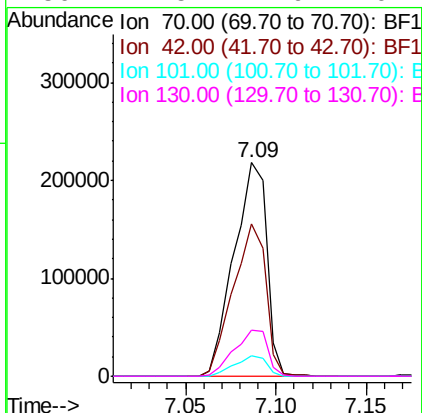
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.1	114.1	
201	92.5	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 45.275 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	71.2	54.5	81.7	
101	9.3	7.6	11.4	
130	21.5	17.6	26.4	



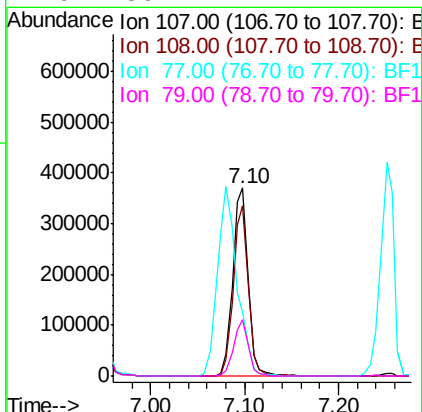
Instrument :
BNA_F
ClientSampleId :
PB128485BS

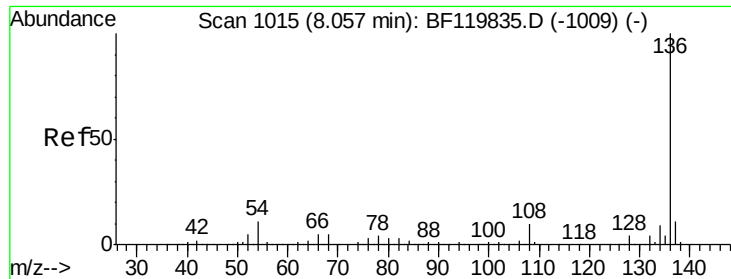
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#20
3+4-Methylphenols
Concen: 46.885 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.9	107.9	
77	34.3	52.9	92.9	
79	30.2	7.7	47.7	





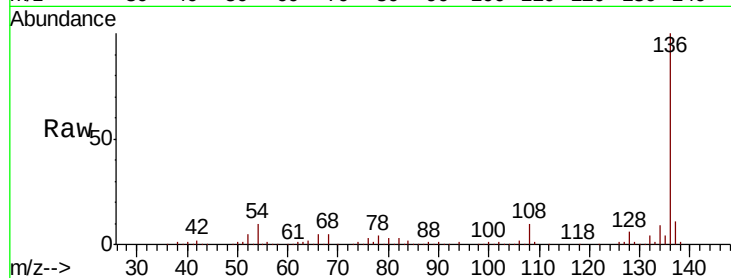
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

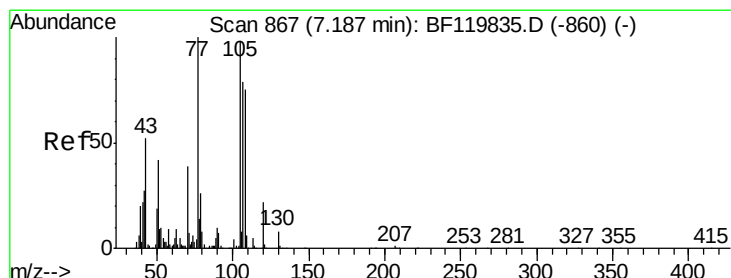
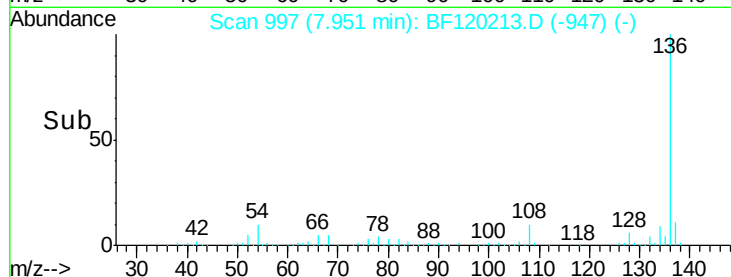
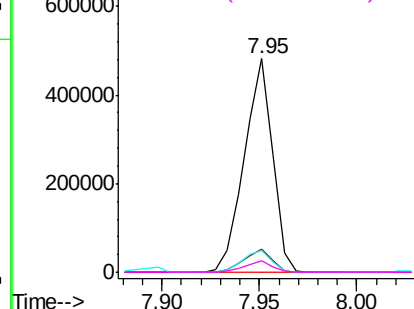
Tot Ion	Ratio	Resp	Lower	Upper
136	100	484318		
137	11.1	8.7	13.1	
54	9.9	9.1	13.7	
68	5.3	4.6	6.8	

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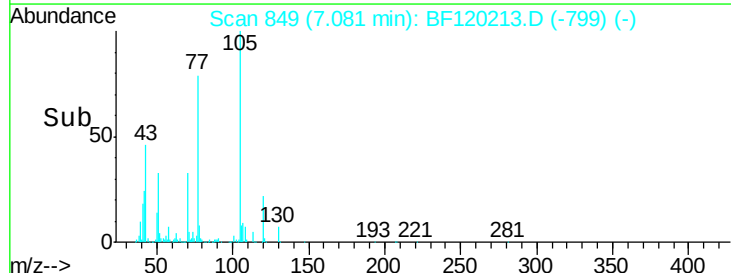
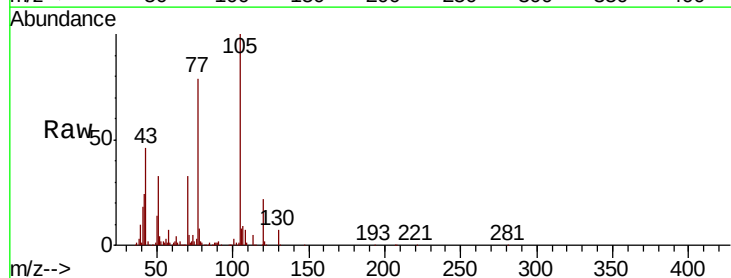
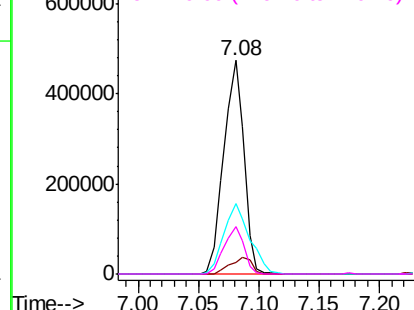
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

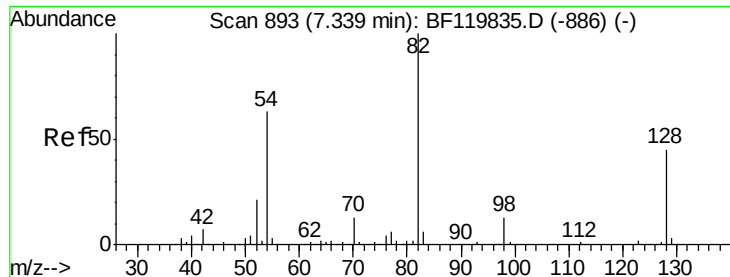


#22
Acetophenone
Concen: 48.195 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	546591		
71	5.4	5.7	8.5#	
51	33.0	26.2	39.4	
120	22.2	18.3	27.5	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





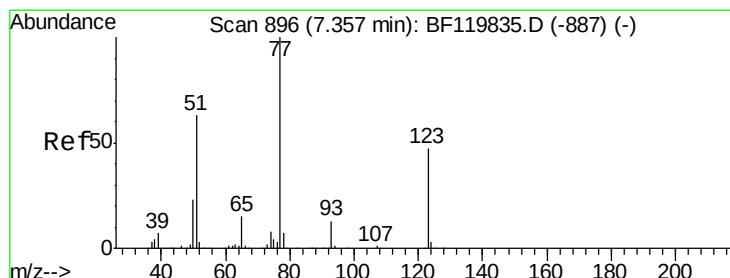
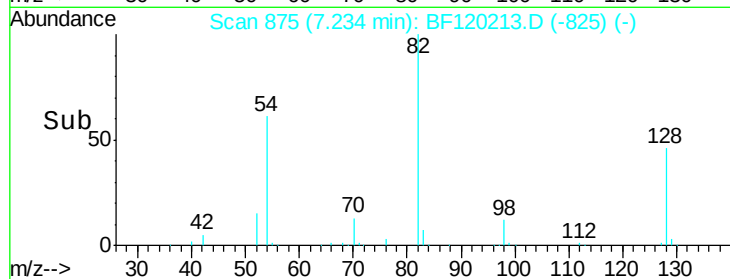
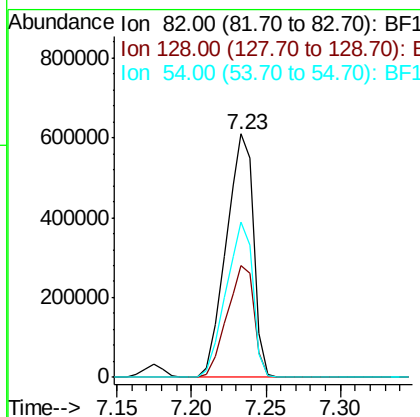
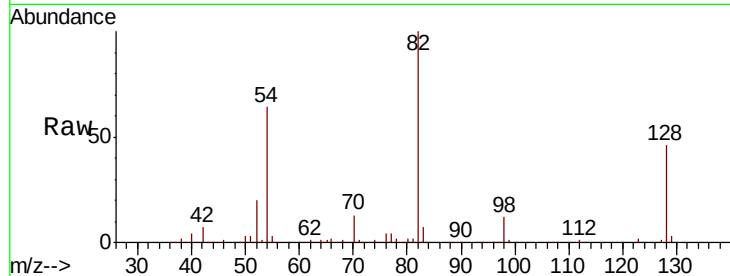
#23
 Nitrobenzene-d5
 Concen: 83.856 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	785038		
128	45.7	36.3	54.5	
54	63.9	50.6	75.8	

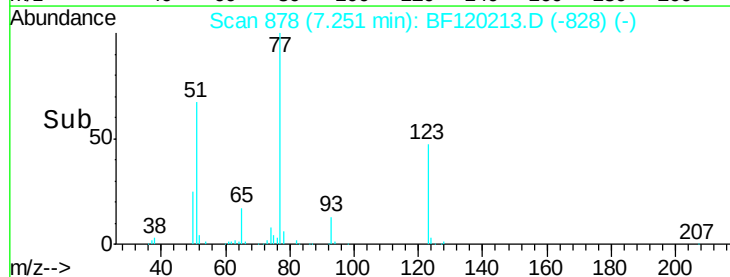
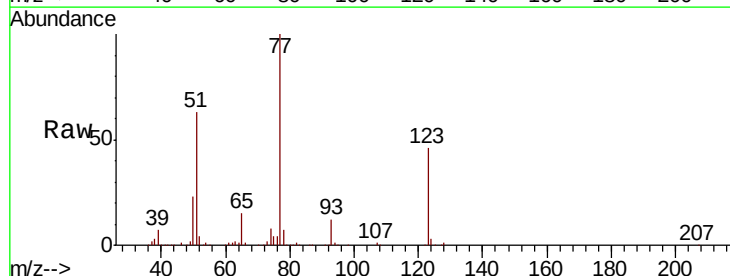
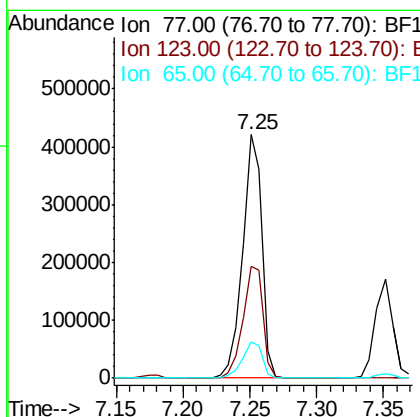
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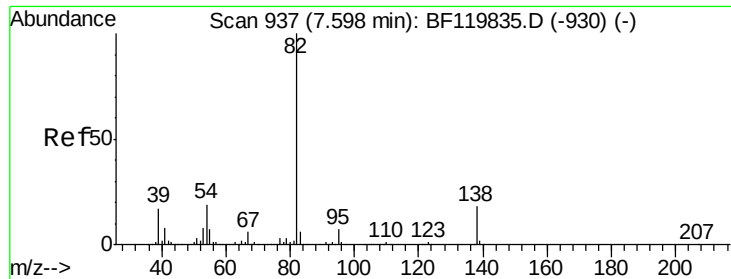
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#24
 Nitrobenzene
 Concen: 44.537 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	419434		
123	45.8	38.0	57.0	
65	15.1	12.6	18.8	





#25

Isophorone

Concen: 41.391 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

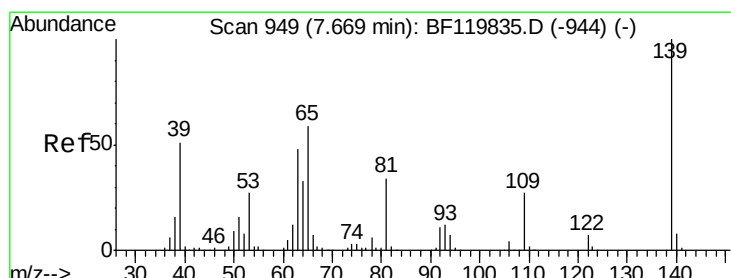
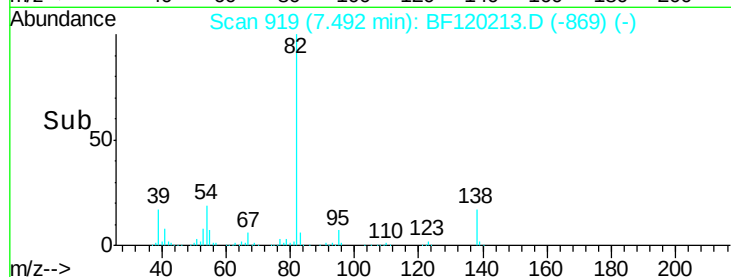
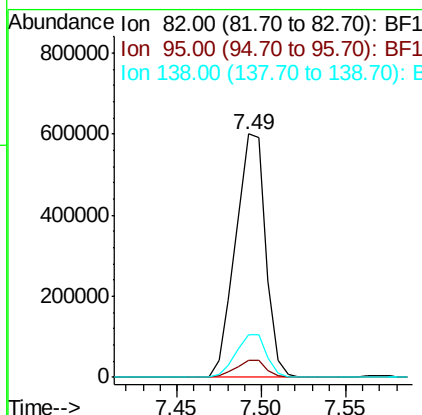
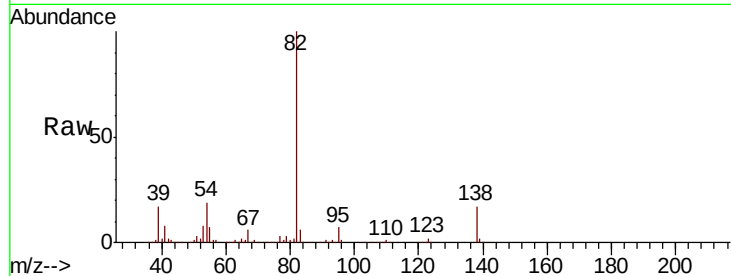
ClientSampleId :

PB128485BS

Tot Ion:	82	Resp:	746976
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.8	8.6
138	17.4	14.6	21.8

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#26

2-Nitrophenol

Concen: 45.922 ng

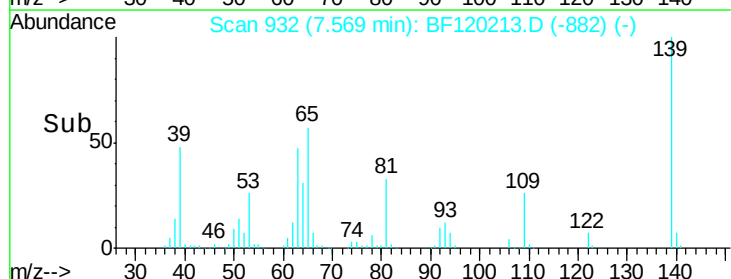
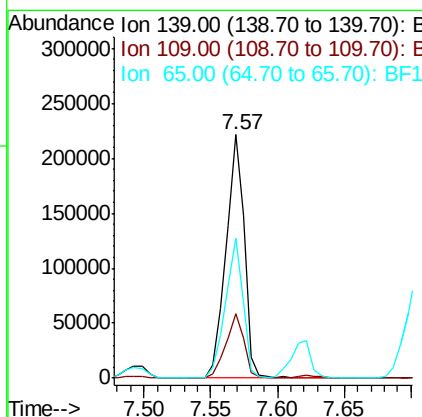
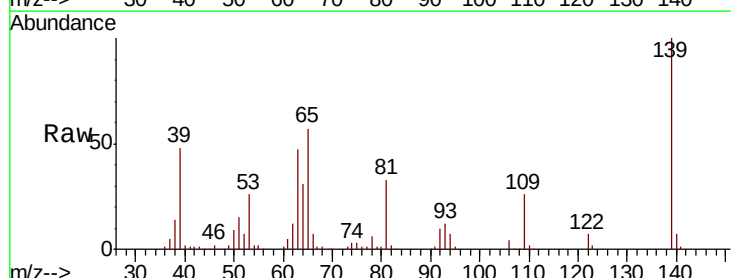
RT: 7.57 min Scan# 932

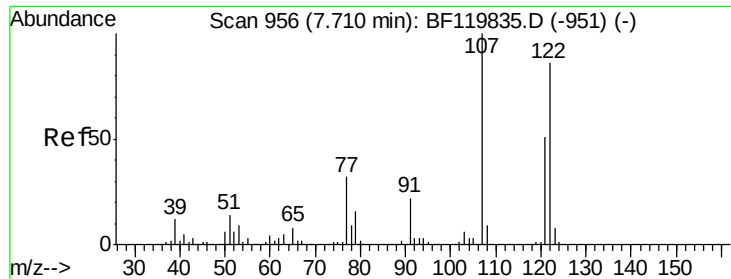
Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	139	Resp:	216064
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.1	33.1
65	57.3	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 46.711 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

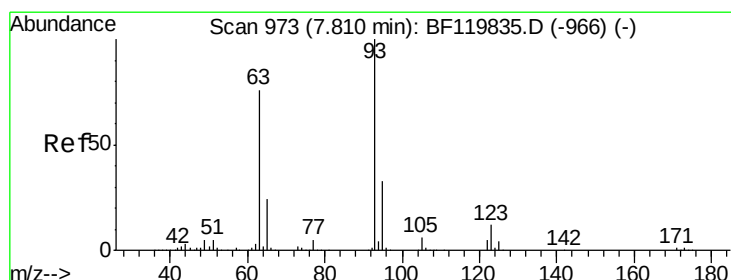
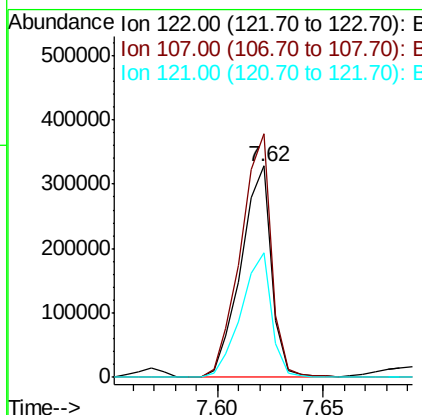
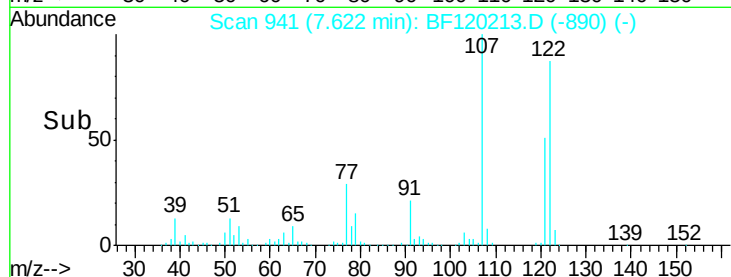
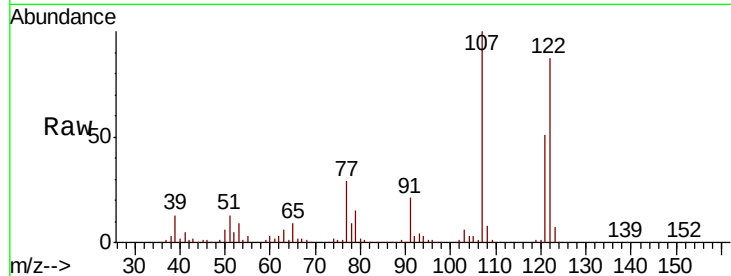
ClientSampled :

PB128485BS

Tot Ion:	122	Resp:	331464
Ion Ratio	Lower	Upper	
122	100		
107	115.4	89.0	133.6
121	59.3	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 44.249 ng

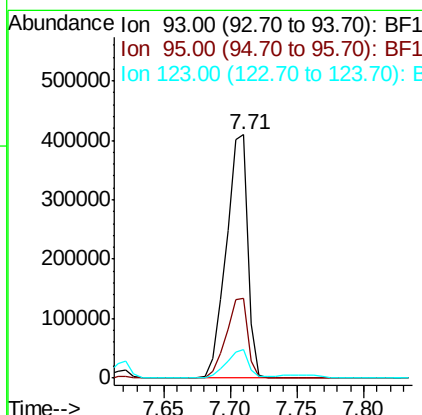
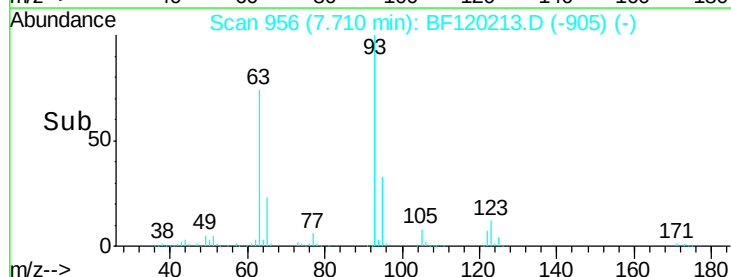
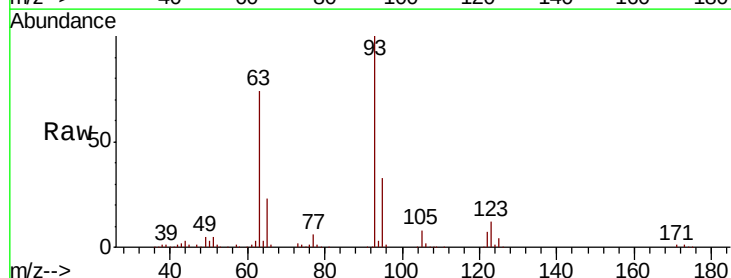
RT: 7.71 min Scan# 956

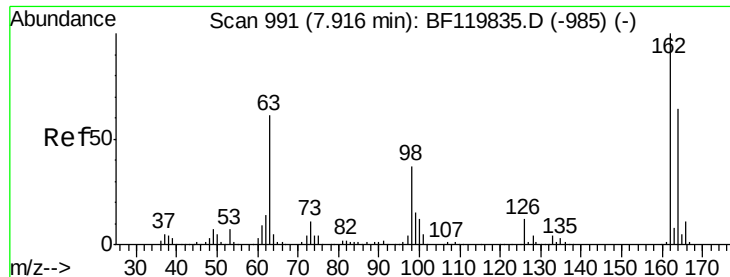
Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	93	Resp:	469898
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	12.0	9.7	14.5





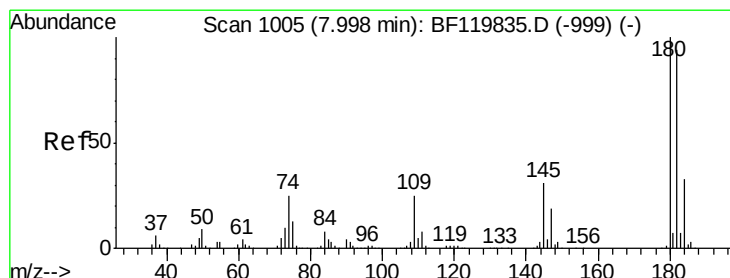
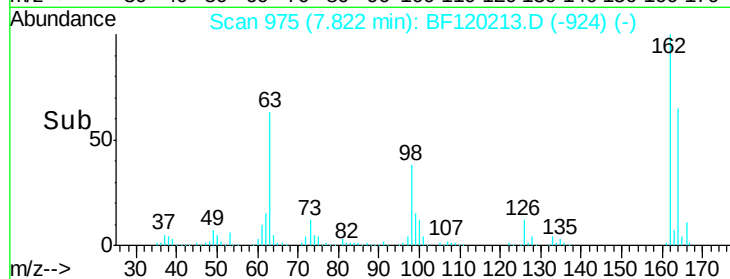
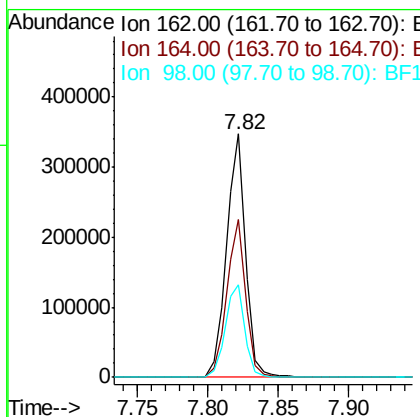
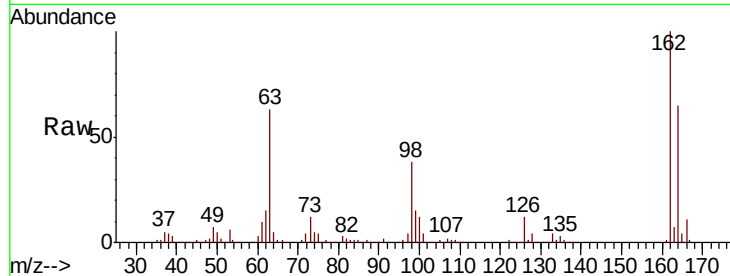
#29
2,4-Dichlorophenol
Concen: 44.654 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion:	162	Resp:	324801
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.7	84.7
98	38.2	20.7	60.7

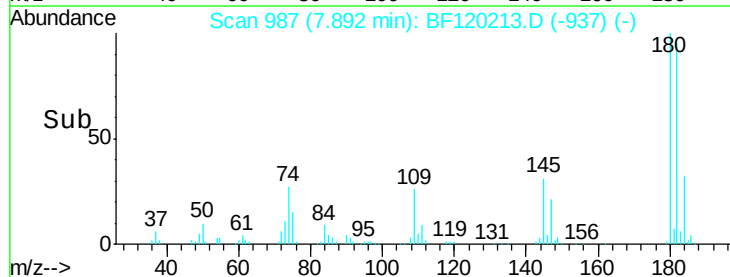
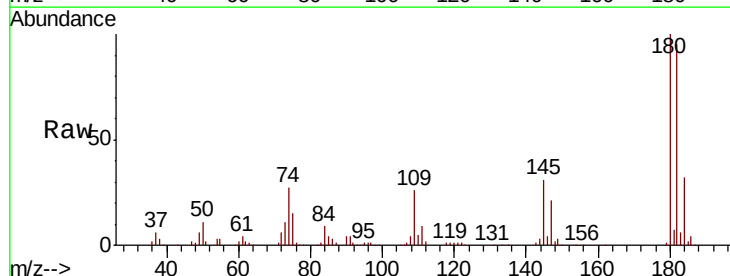
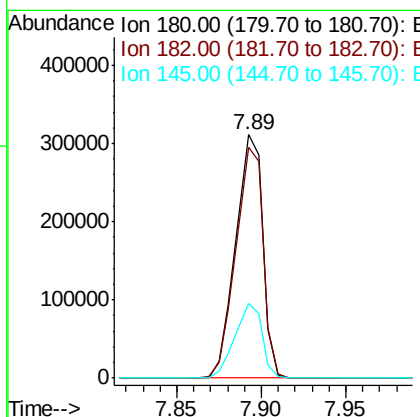
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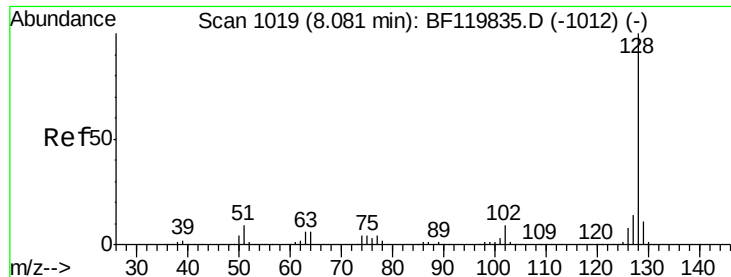
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.217 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion:	180	Resp:	347936
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.7	112.1
145	30.7	24.5	36.7





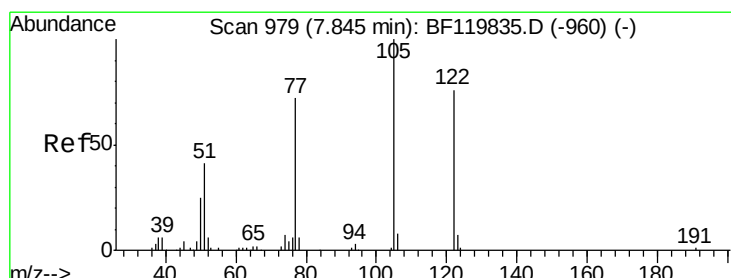
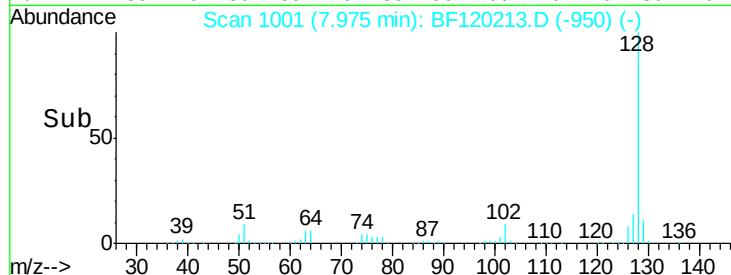
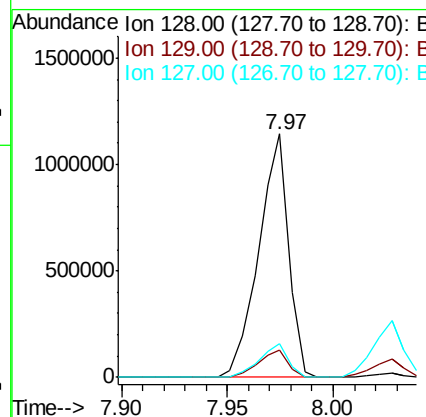
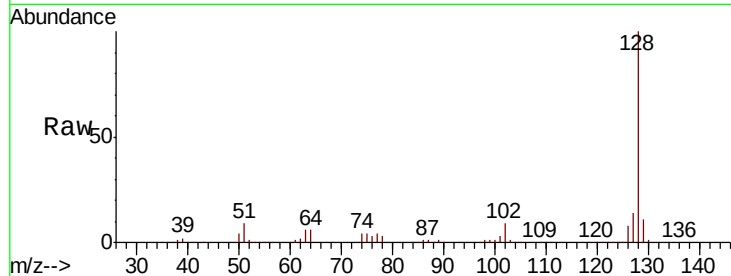
#31
Naphthalene
Concen: 44.103 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.6	11.3	16.9

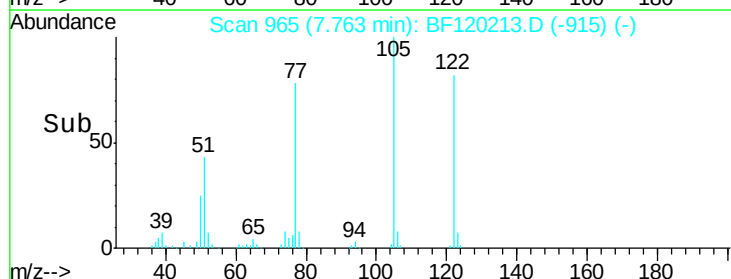
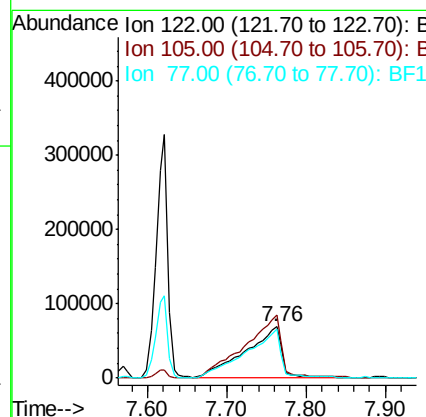
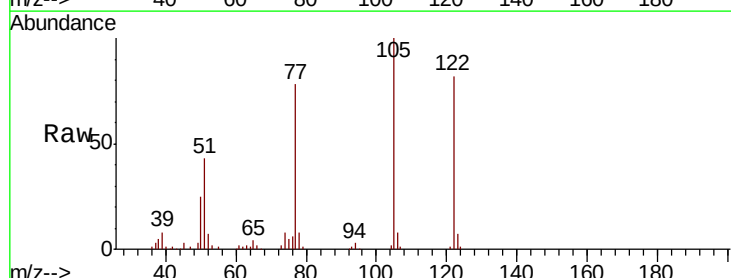
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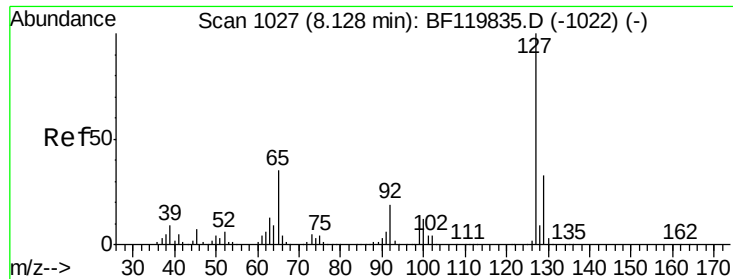
mohammad
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#32
Benzoic acid
Concen: 35.810 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.1	104.9	144.9
77	95.7	74.4	114.4





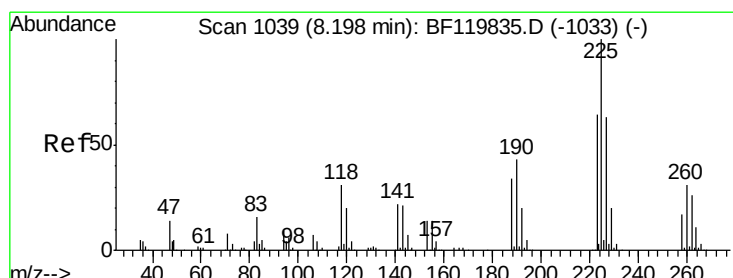
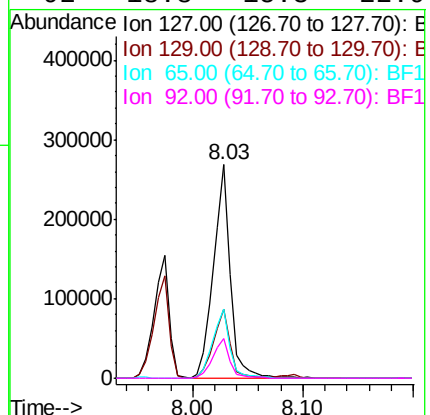
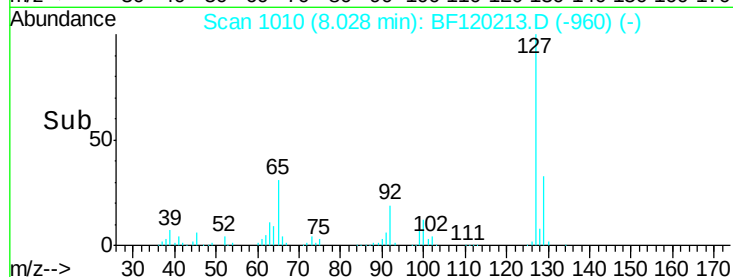
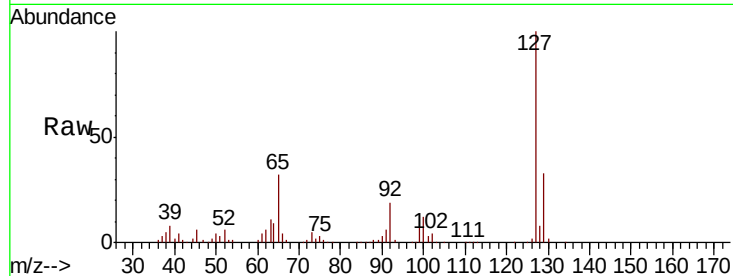
#33
4-Chloroaniline
Concen: 25.222 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		279787		
129	32.6	26.2	39.4		
65	32.1	27.4	41.0		
92	18.8	15.3	22.9		

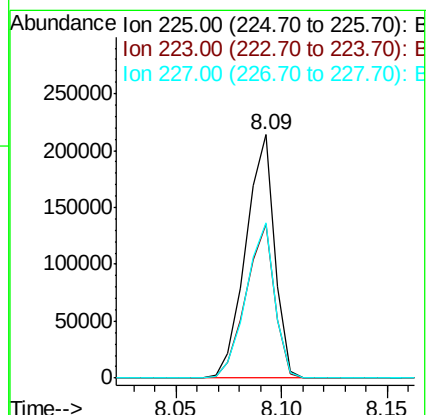
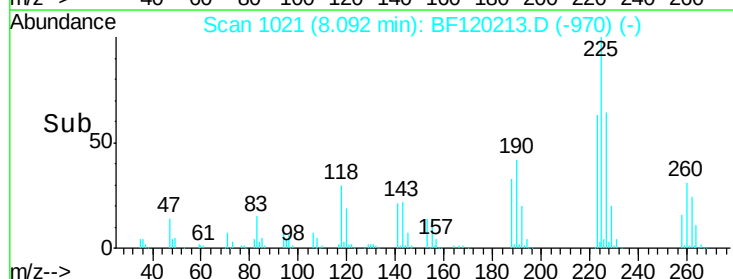
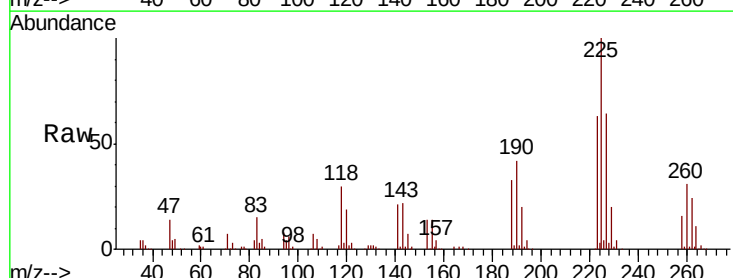
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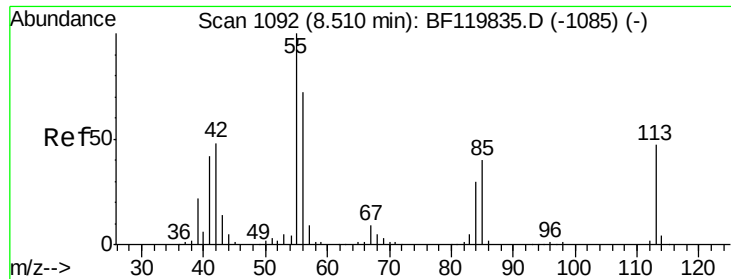
mohammad
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#34
Hexachlorobutadiene
Concen: 40.944 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		201996		
223	63.2	51.0	76.6		
227	63.9	50.7	76.1		





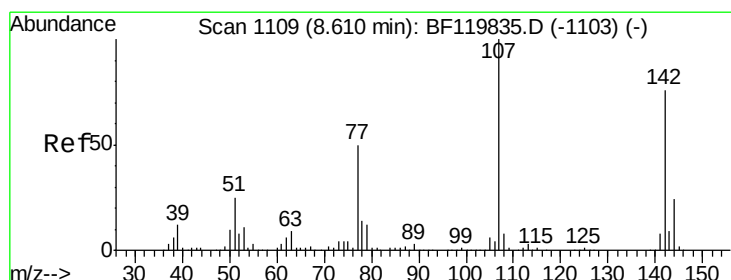
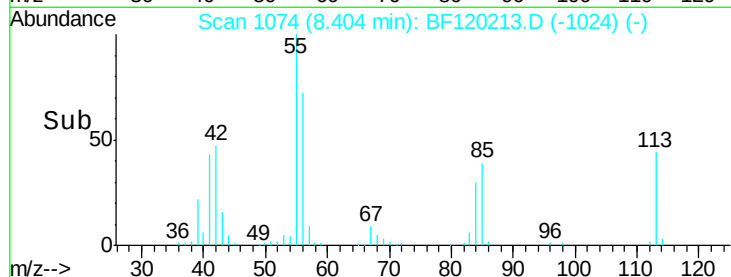
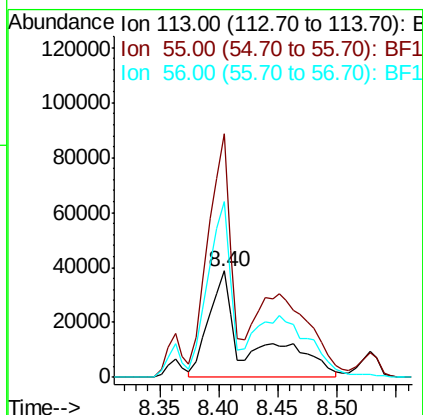
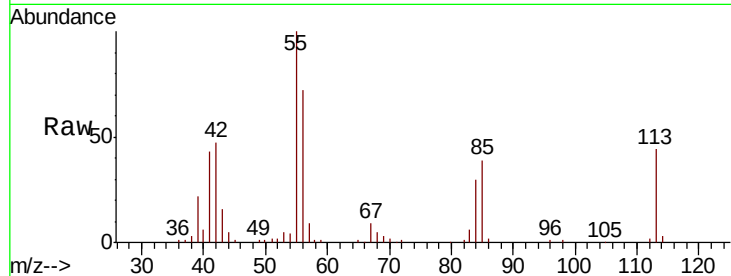
#35
Caprolactam
Concen: 41.981 ng/ml
RT: 8.40 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	228.8	218.4	258.4	
56	165.0	148.9	188.9	

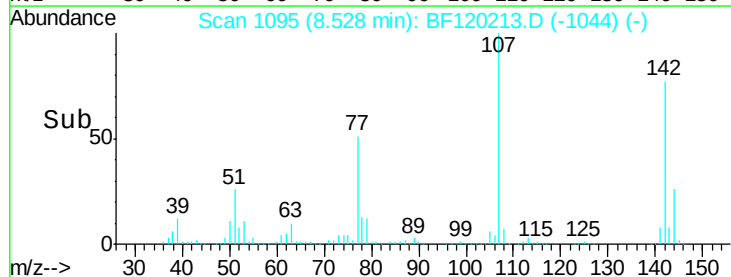
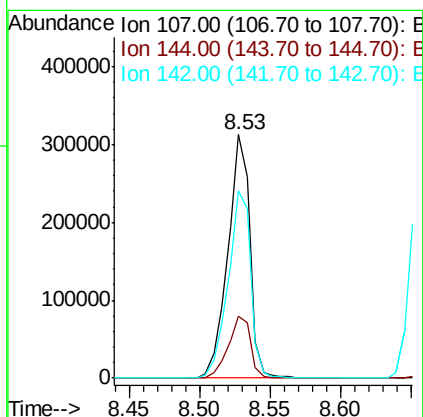
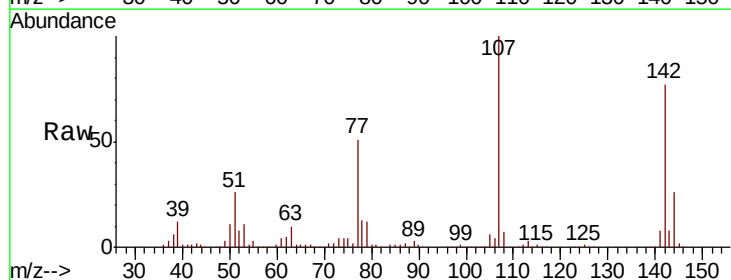
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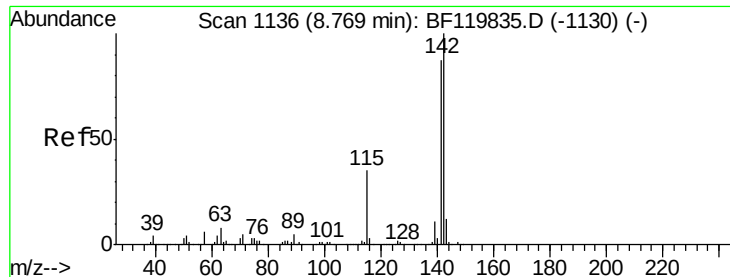
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.061 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.5	21.0	31.6	
142	77.1	64.4	96.6	





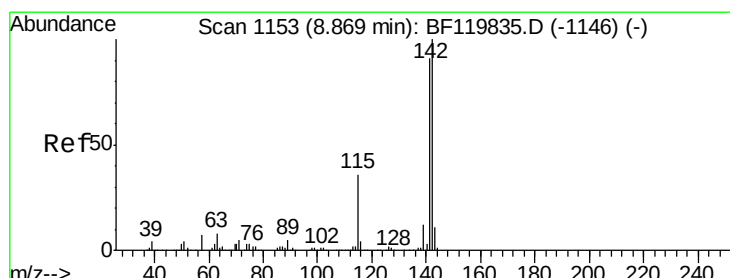
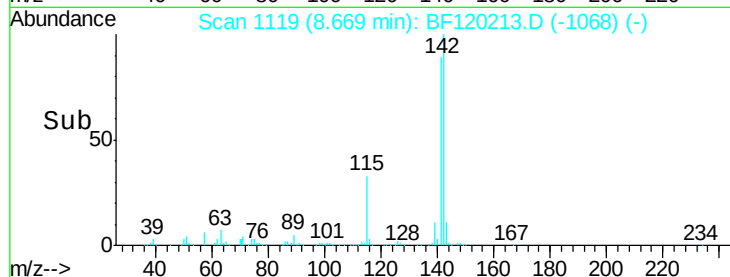
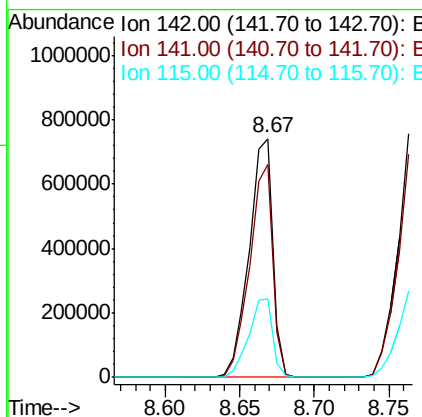
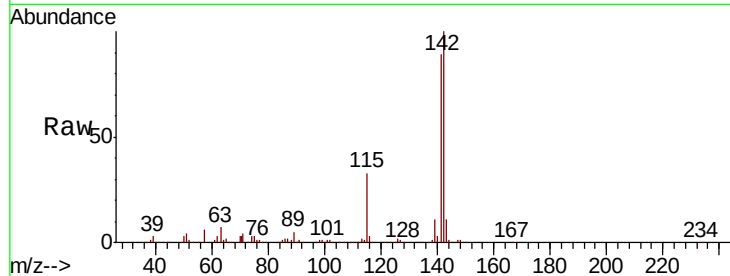
#37
 2-Methylnaphthalene
 Concen: 46.914 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	33.0	27.9	41.9

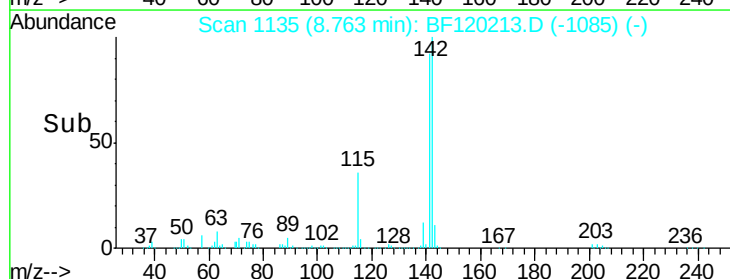
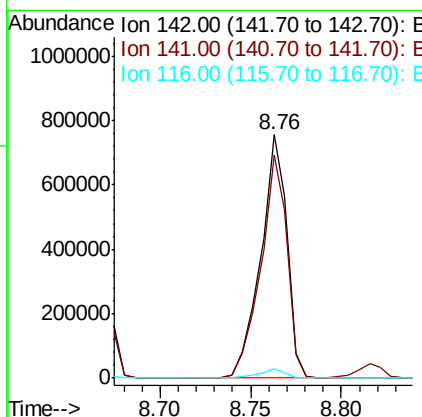
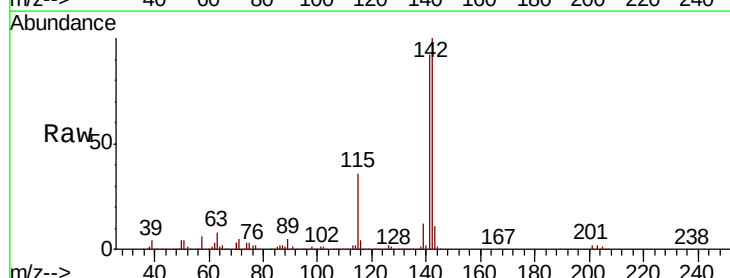
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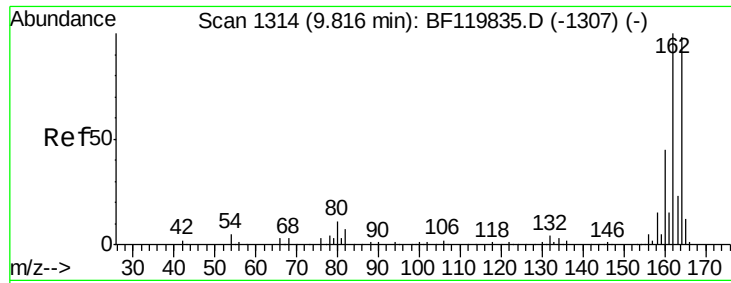
mohammad
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#38
 1-Methylnaphthalene
 Concen: 46.622 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.7	110.5
116	3.6	3.0	4.6





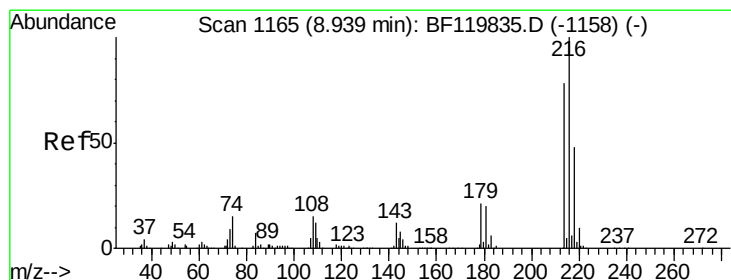
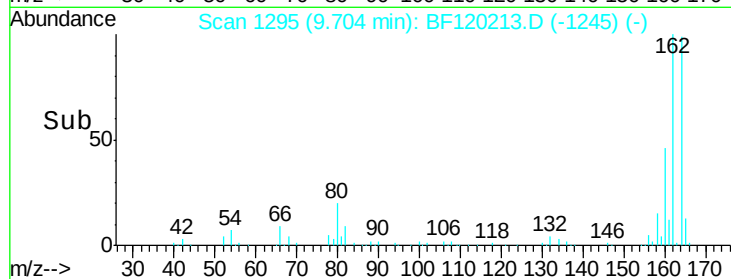
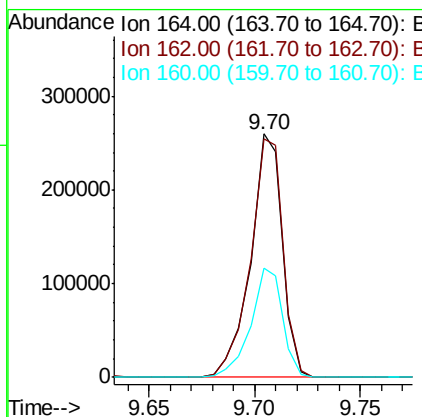
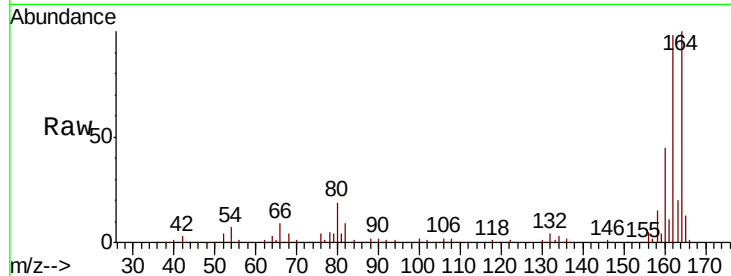
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.6	121.0
160	44.9	35.7	53.5

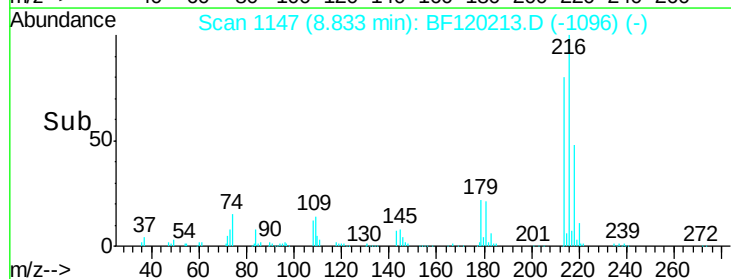
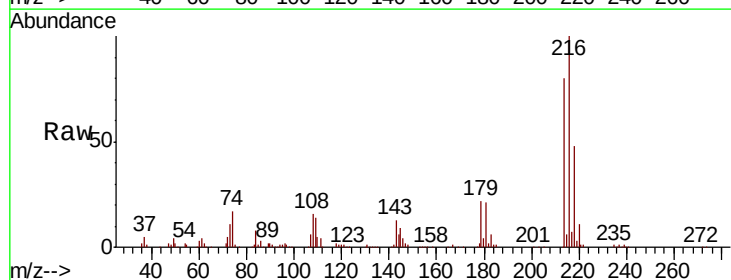
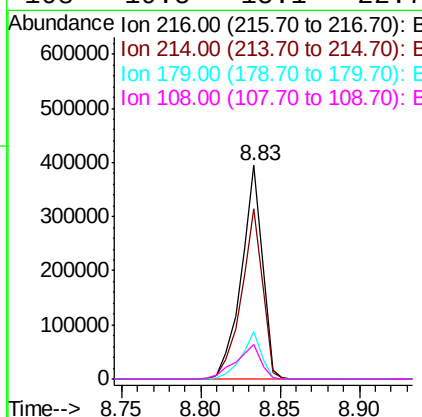
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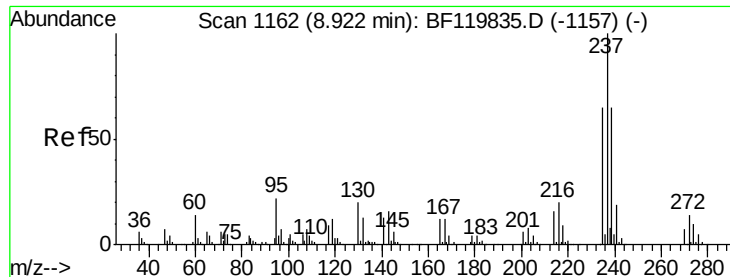
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.133 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.2	94.8
179	21.0	17.1	25.7
108	19.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 69.852 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

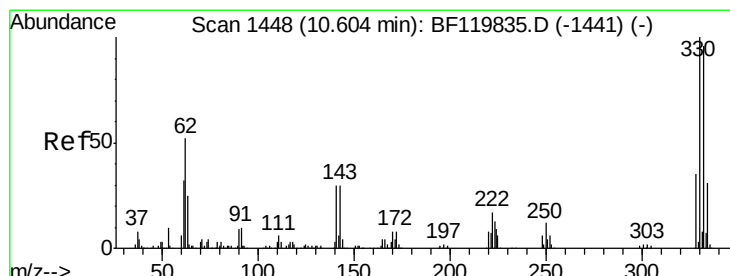
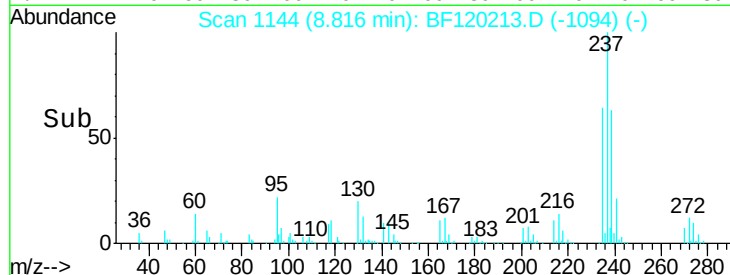
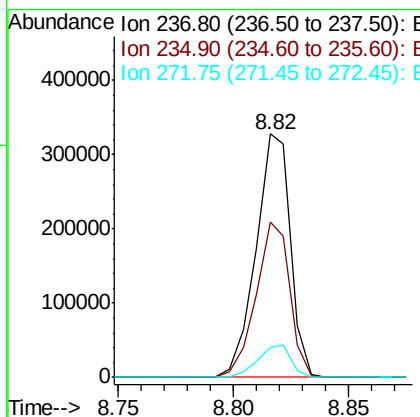
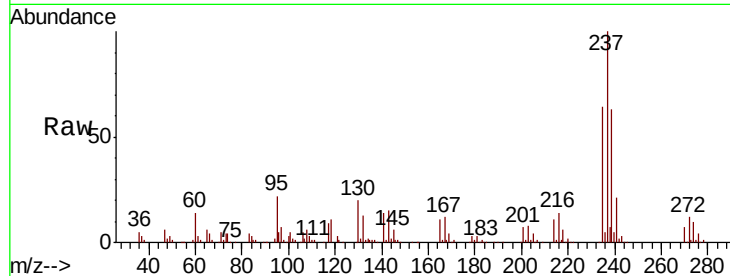
ClientSampled :

PB128485BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.8	43.2	83.2		
272	12.2	0.0	34.1		

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4/28/2020 11:08:25 PM



#42

2,4,6-Tribromophenol

Concen: 111.474 ng

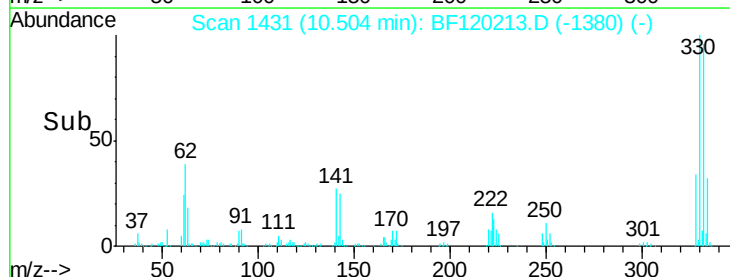
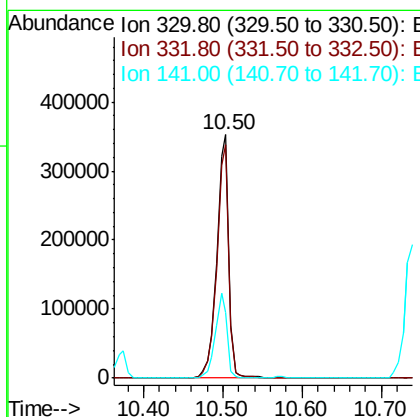
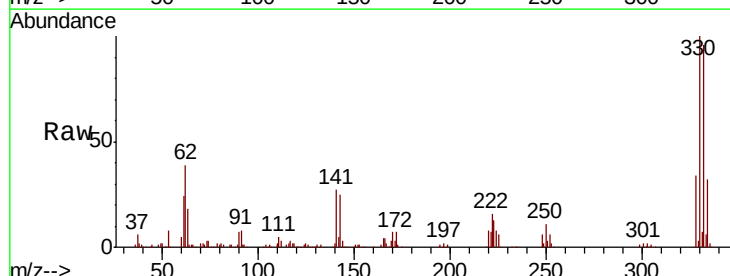
RT: 10.50 min Scan# 1431

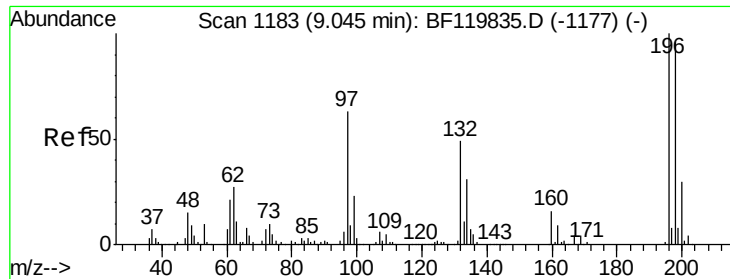
Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.7	75.7	113.5		
141	34.0	25.4	38.0		





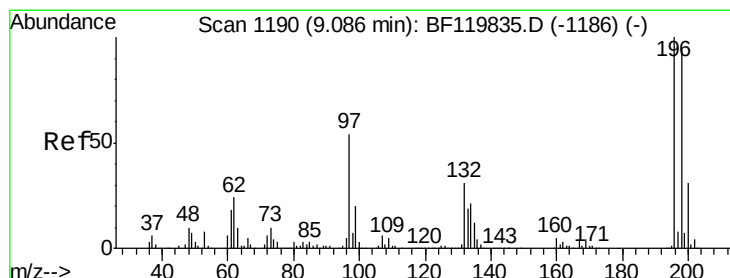
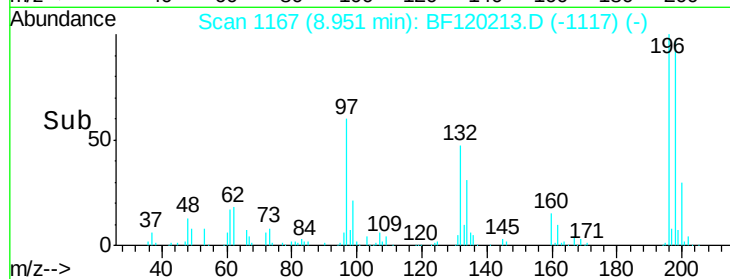
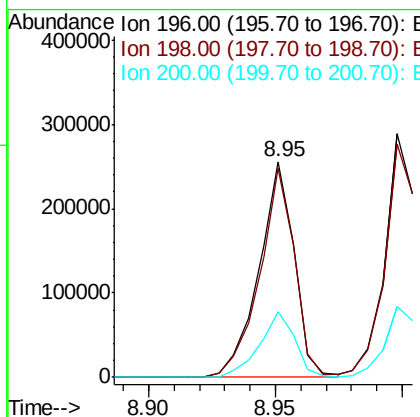
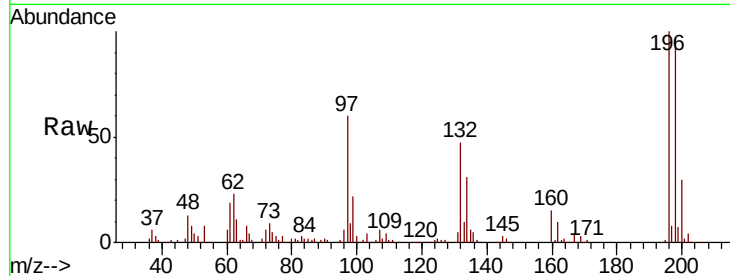
#43
 2,4,6-Trichlorophenol
 Concen: 42.201 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249327		
198	97.1	76.6	115.0	
200	30.4	24.6	36.8	

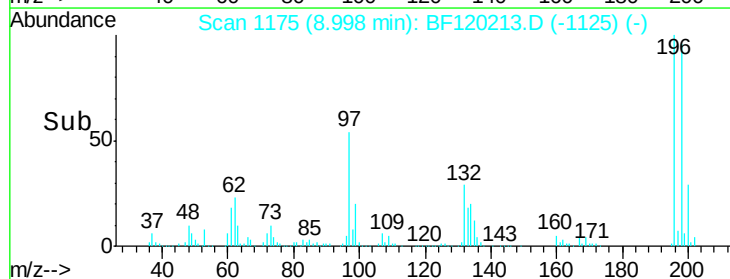
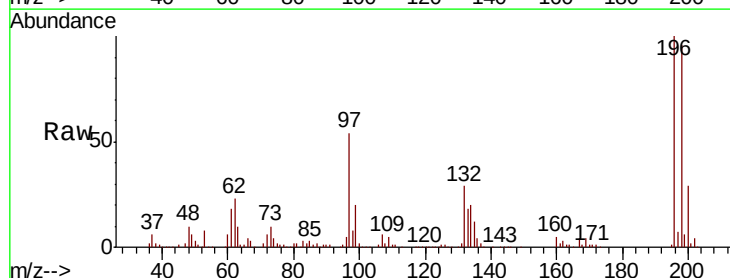
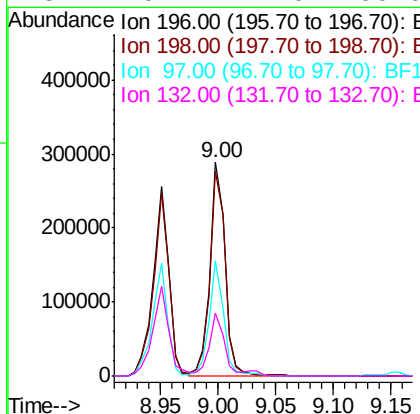
Manual Integrations
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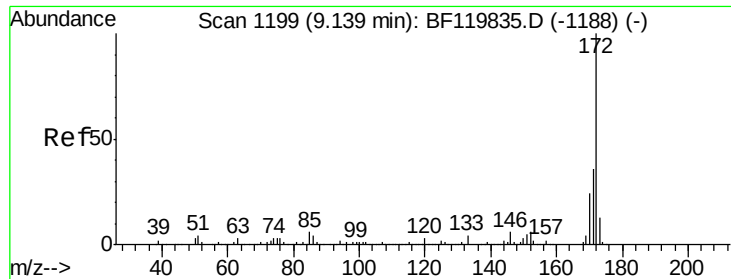
mohammad
 4/28/2020 11:08:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.316 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261621		
198	95.7	73.8	110.8	
97	54.0	42.6	63.8	
132	29.4	24.0	36.0	





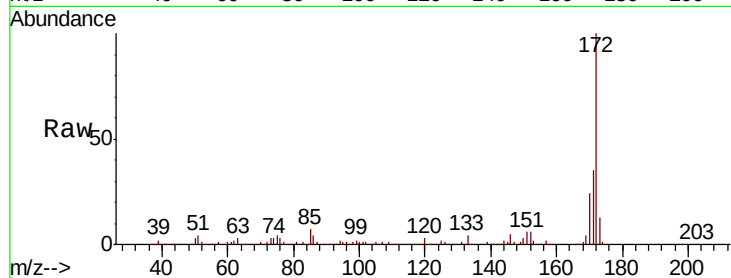
#45
2-Fluorobiphenyl
Concen: 84.415 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	24.1	20.2	30.2

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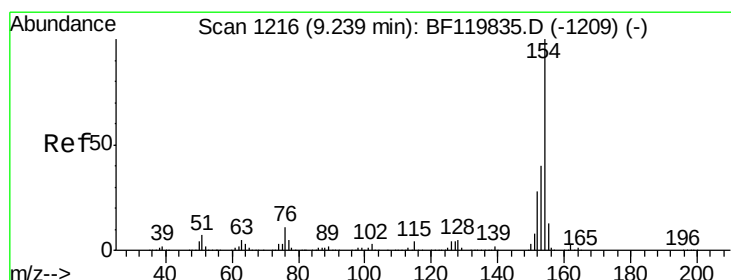
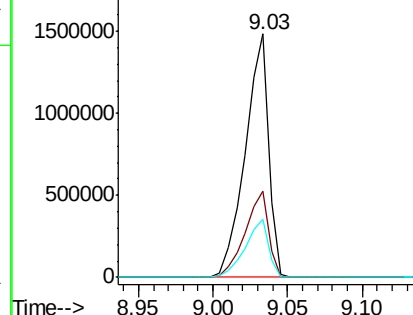
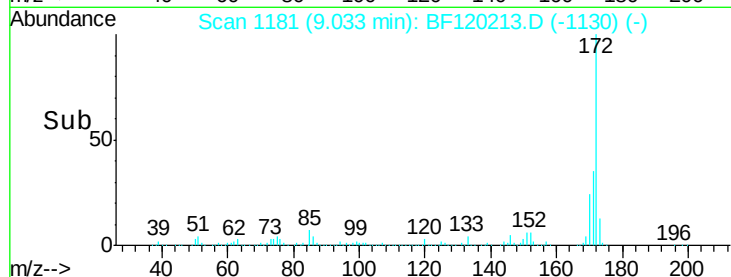


Abundance

Ion 172.00 (171.70 to 172.70): E

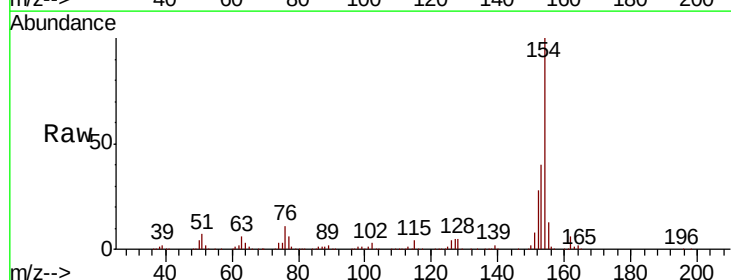
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.919 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.4	61.4
76	11.2	0.0	33.0

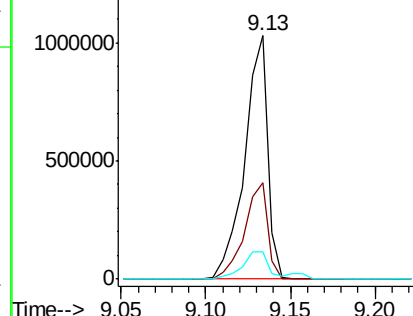
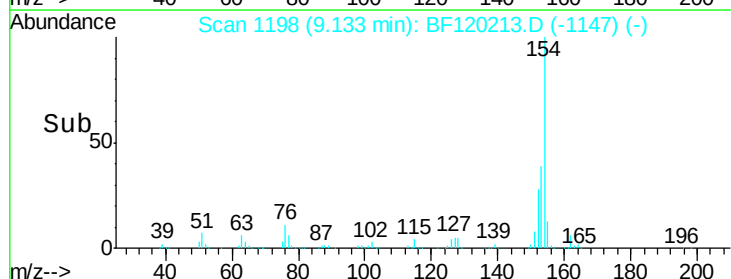


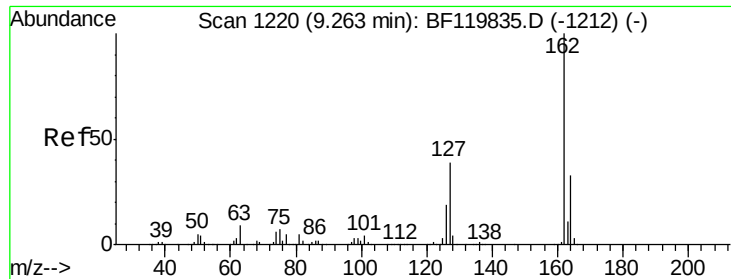
Abundance

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





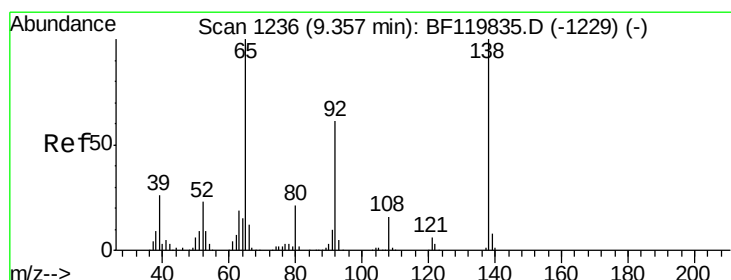
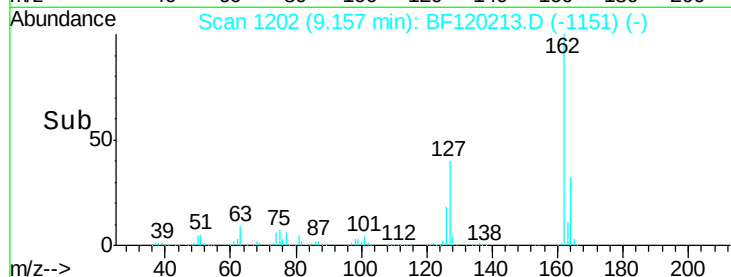
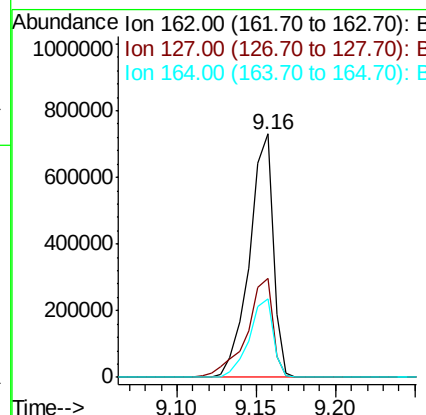
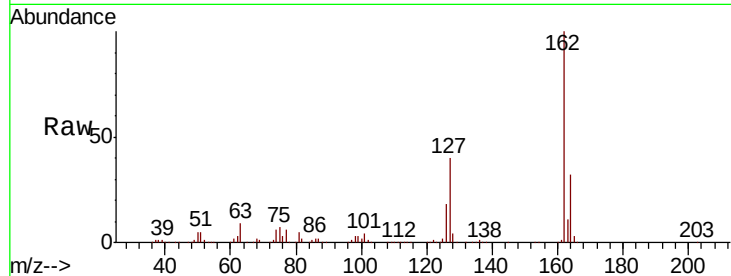
#47
 2-Chloronaphthalene
 Concen: 42.874 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleID :
 PB128485BS

Tot Ion:	162	Resp:	755165
Ion Ratio	Lower	Upper	
162	100		
127	40.5	33.7	50.5
164	32.3	26.3	39.5

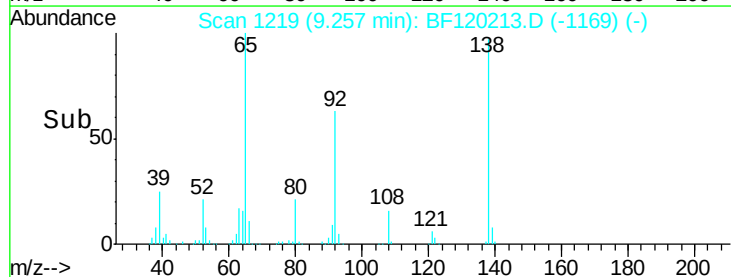
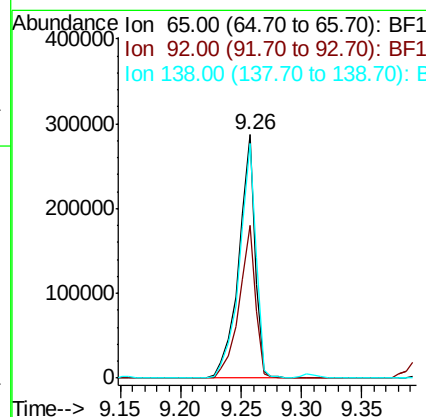
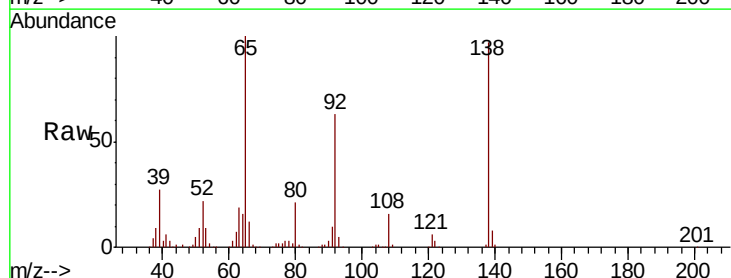
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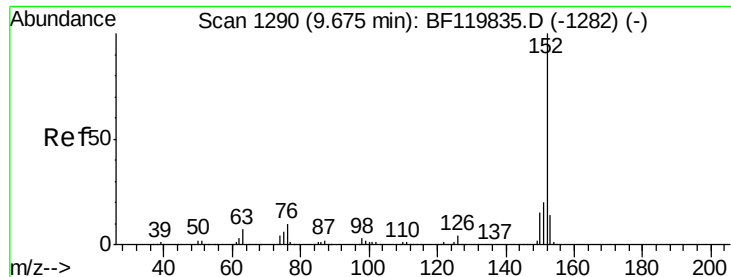
mohammad
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#48
 2-Nitroaniline
 Concen: 42.624 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:	65	Resp:	272065
Ion Ratio	Lower	Upper	
65	100		
92	62.6	50.0	75.0
138	96.5	75.0	112.4





#49

Acenaphthylene

Concen: 44.995 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion:152 Resp: 1205272

Ion Ratio Lower Upper

152 100

151 20.0 17.2 25.8

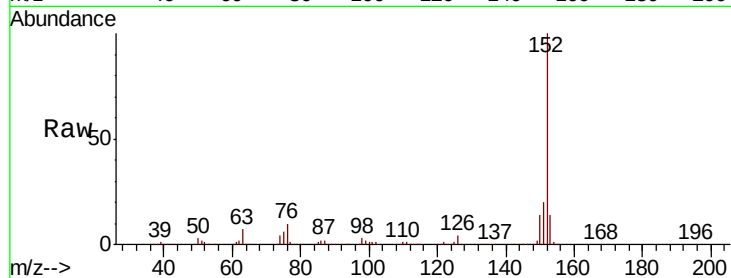
153 13.7 11.2 16.8

Manual Integrations

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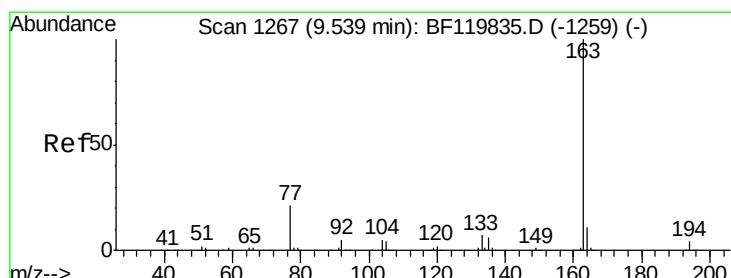
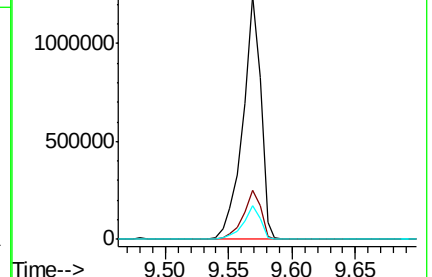
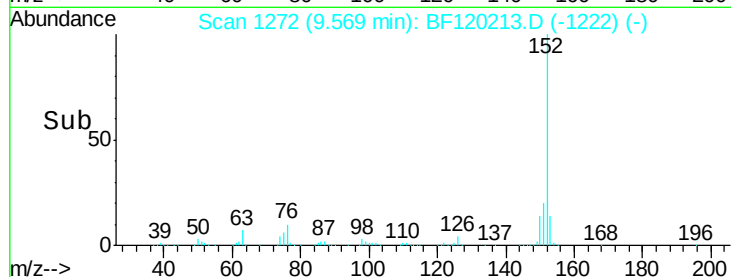
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.716 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

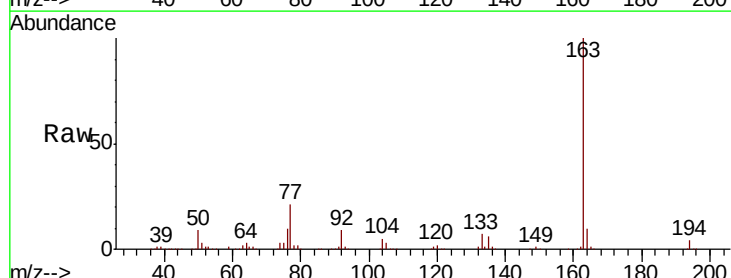
Tgt Ion:163 Resp: 895002

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

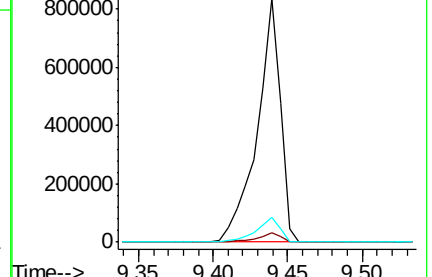
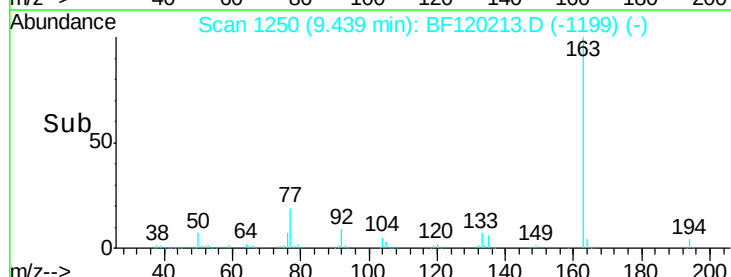
164 10.3 8.2 12.2

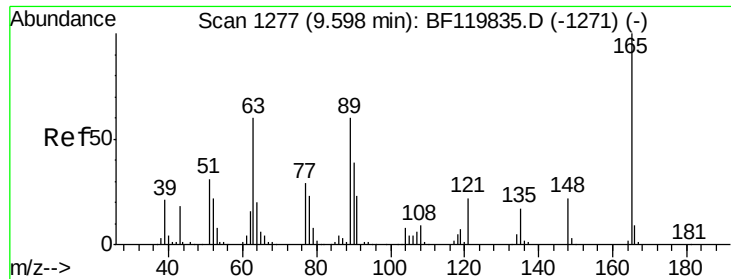


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





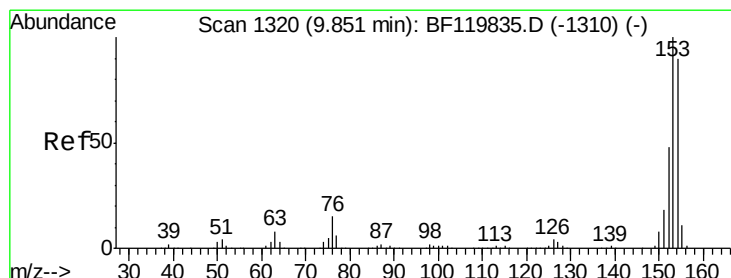
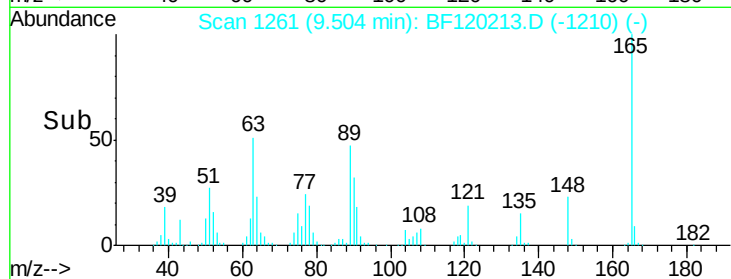
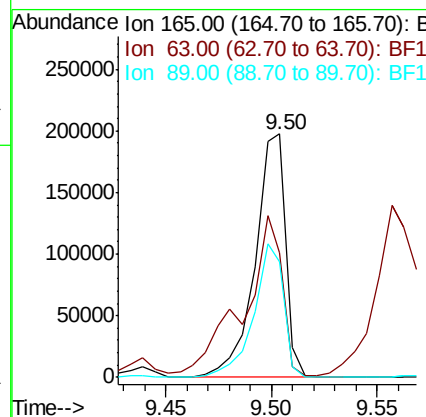
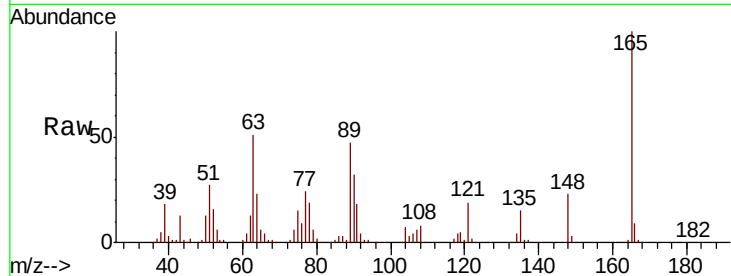
#51
 2,6-Dinitrotoluene
 Concen: 43.598 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampled :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	45.0	67.4
89	47.4	41.5	62.3

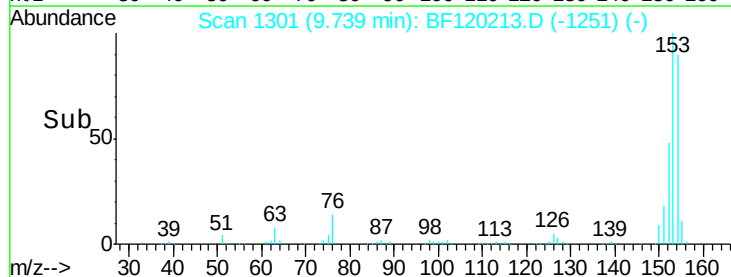
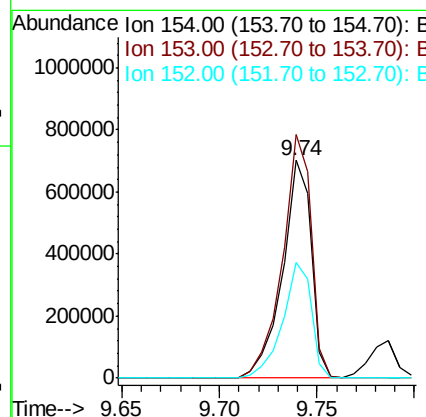
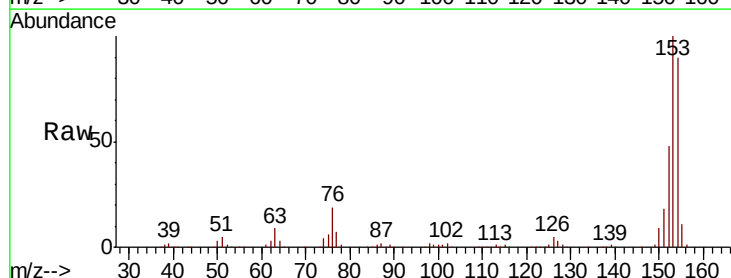
Manual Integrations
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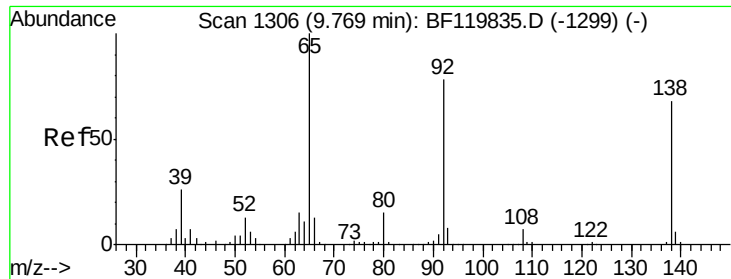
mohammad
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#52
 Acenaphthene
 Concen: 40.124 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	88.1	132.1
152	53.3	43.0	64.4





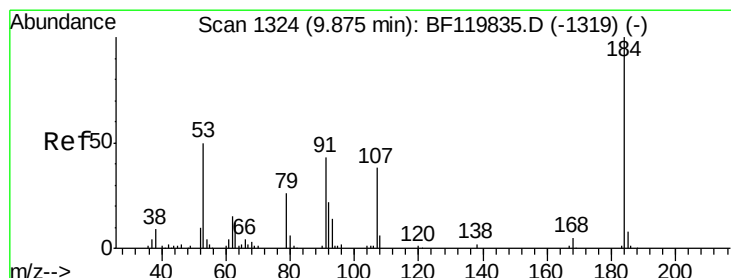
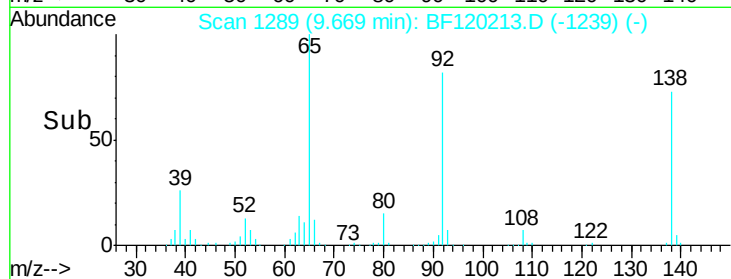
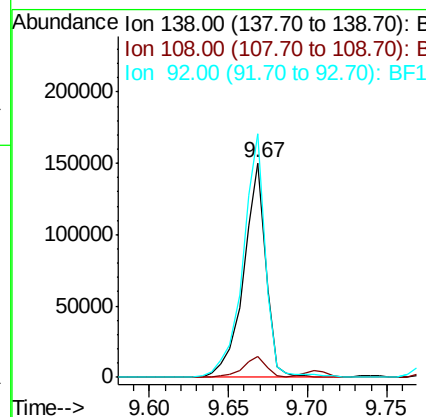
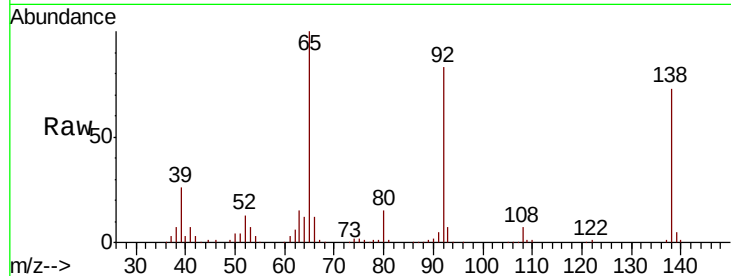
#53
 3-Nitroaniline
 Concen: 27.816 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.6	13.0
92	113.5	95.4	143.0

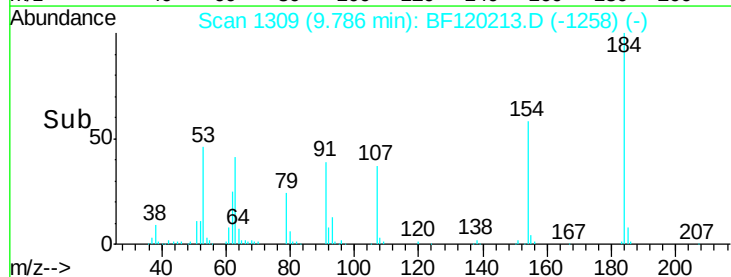
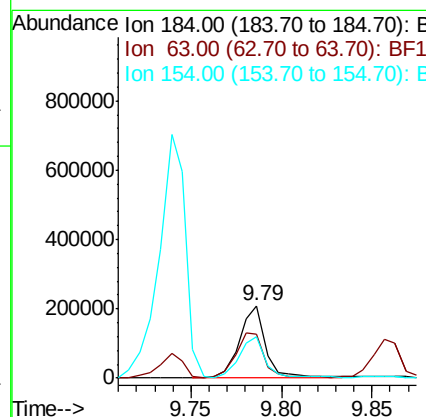
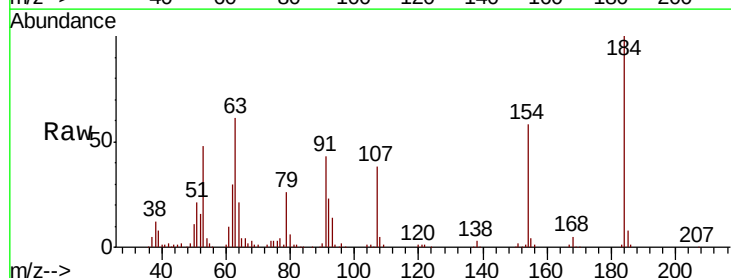
Manual Integrations
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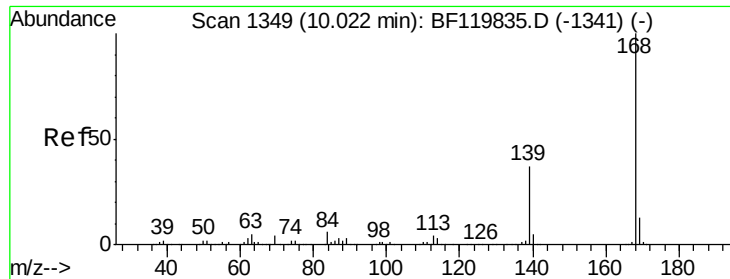
mohammad
 4/28/2020 11:08:25 PM



#54
 2,4-Dinitrophenol
 Concen: 76.757 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.2	50.2	75.4
154	57.7	44.5	66.7





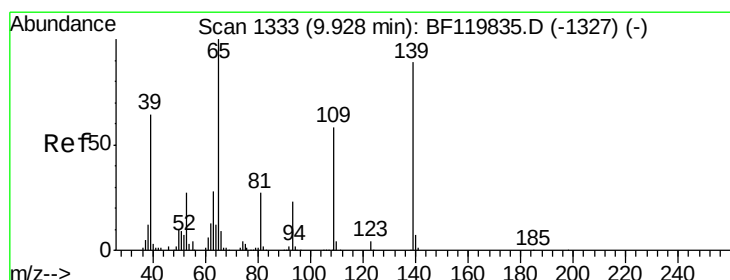
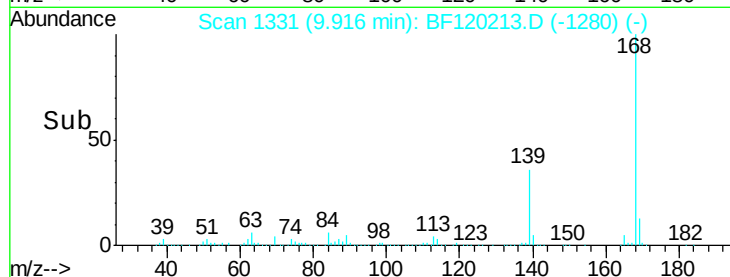
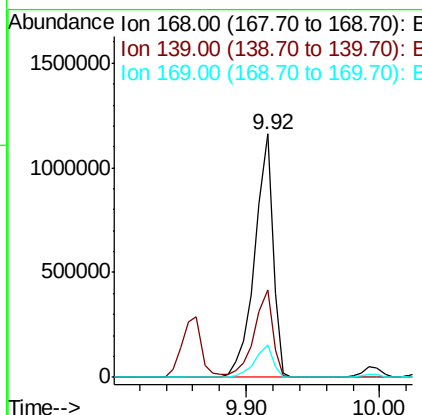
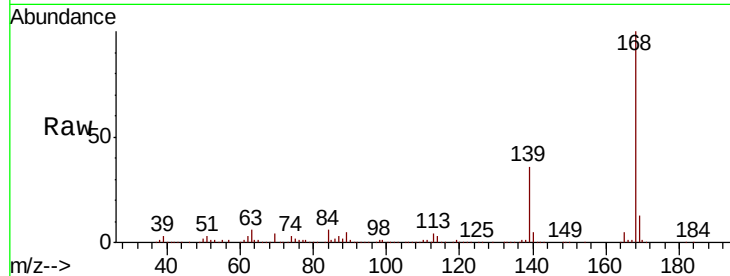
#55
Dibenzofuran
Concen: 44.216 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.9	30.1	45.1
169	13.1	11.0	16.6

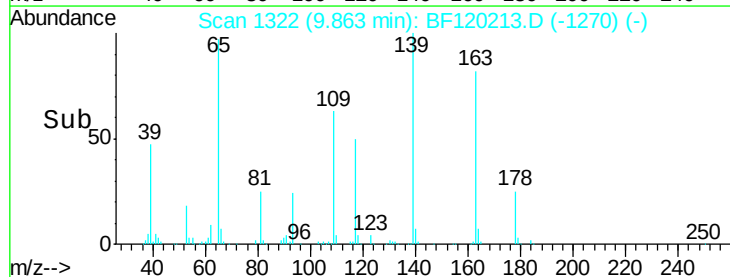
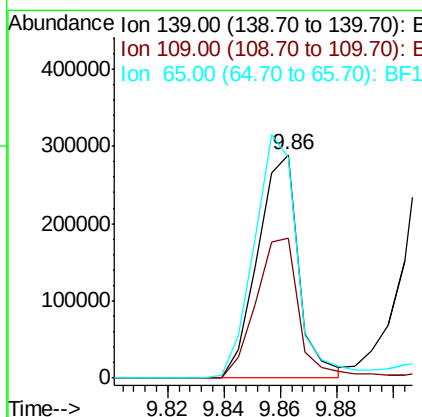
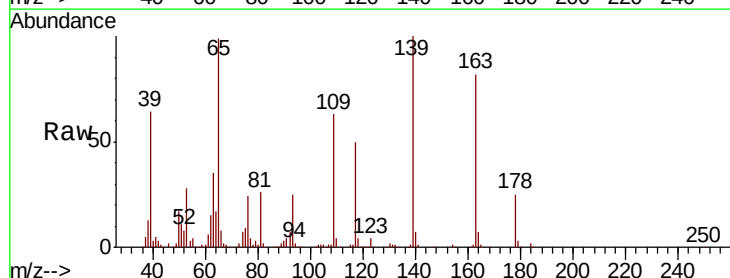
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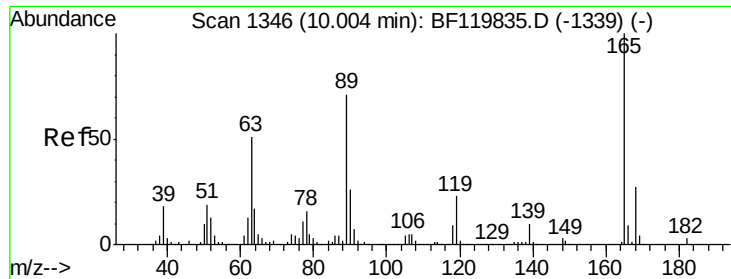
mohammad
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#56
4-Nitrophenol
Concen: 75.217 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	43.3	83.3
65	98.8	91.0	131.0





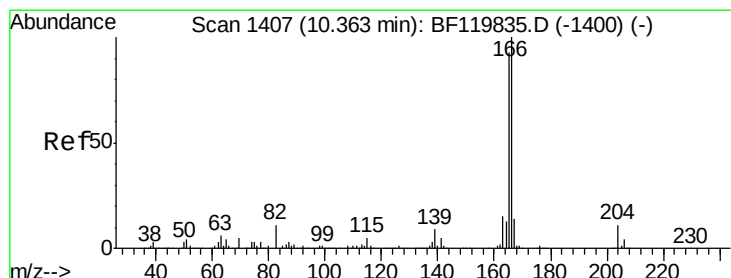
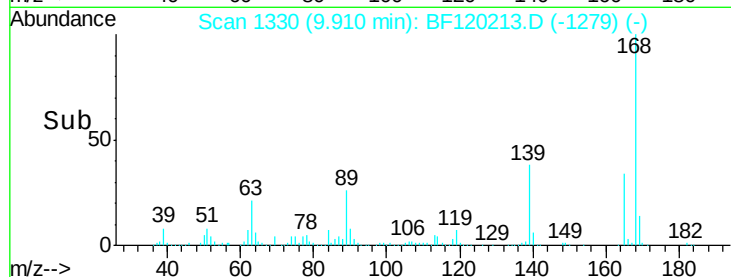
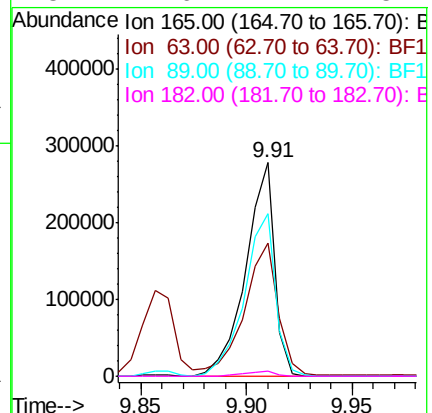
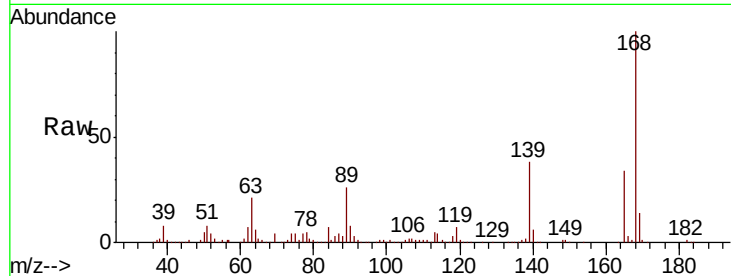
#57
 2,4-Dinitrotoluene
 Concen: 43.380 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		262235		
63	62.4	42.6	64.0		
89	76.2	61.0	91.4		
182	2.6	2.2	3.2		

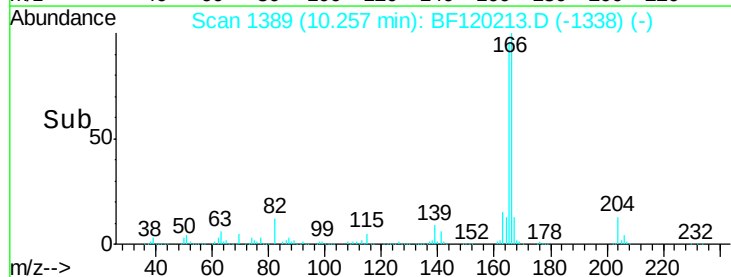
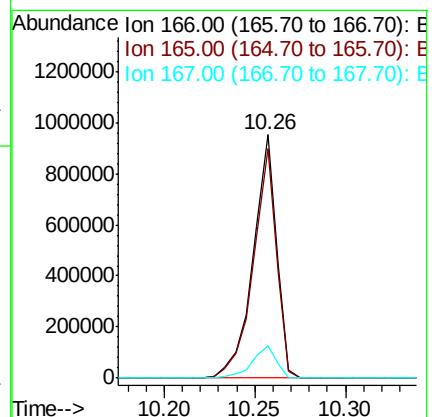
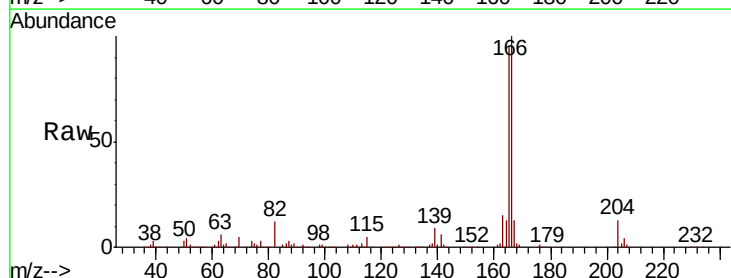
Manual Integrations
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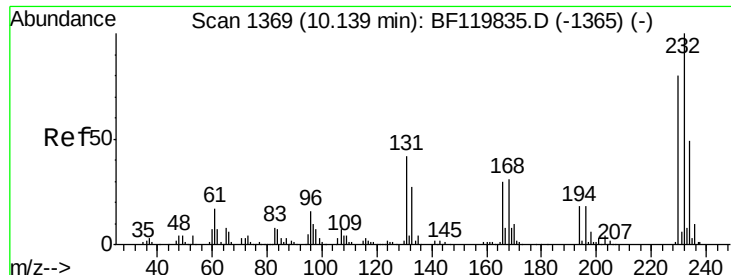
mohammad
 4/28/2020 11:08:25 PM



#58
 Fluorene
 Concen: 43.641 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		855796		
165	94.5	75.4	113.2		
167	13.5	11.2	16.8		





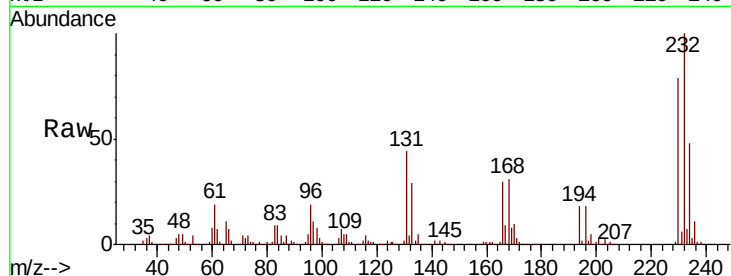
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.145 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	224666		
131	46.0		37.5	56.3
130	2.2		1.8	2.6
166	30.6		24.6	36.8

Manual Integrations
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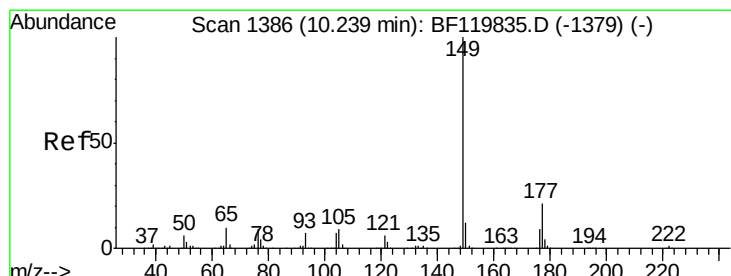
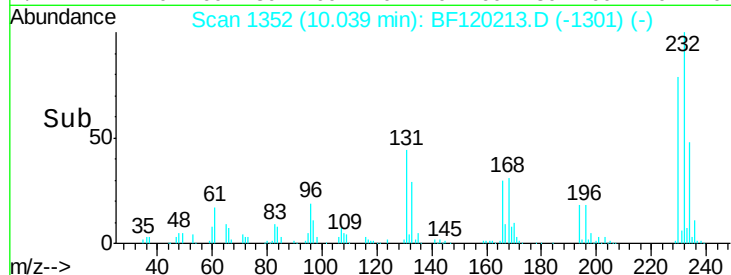
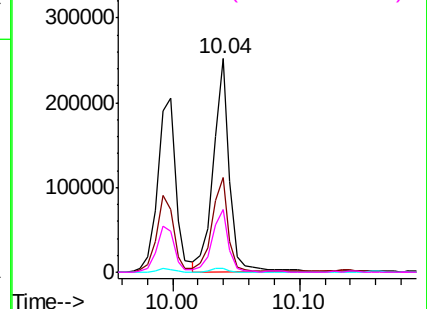
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

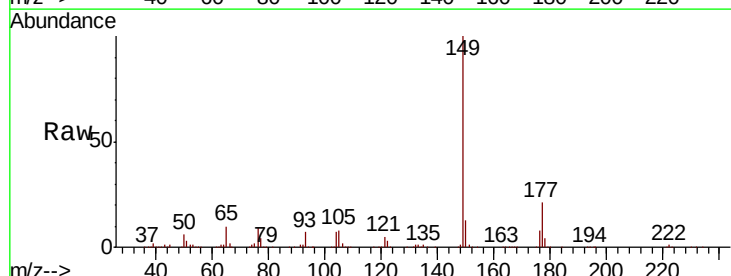
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.530 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	923586		
177	21.2		17.0	25.6
150	12.5		10.1	15.1

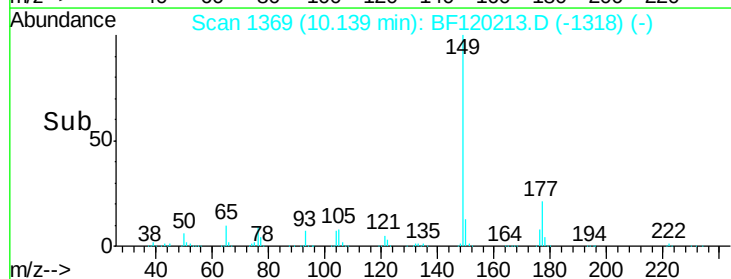
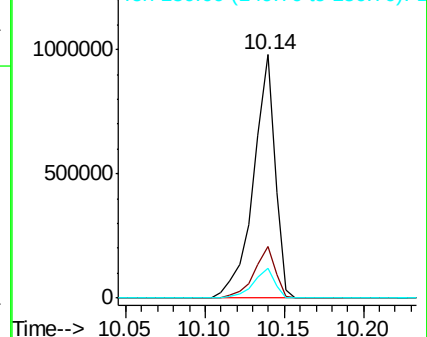


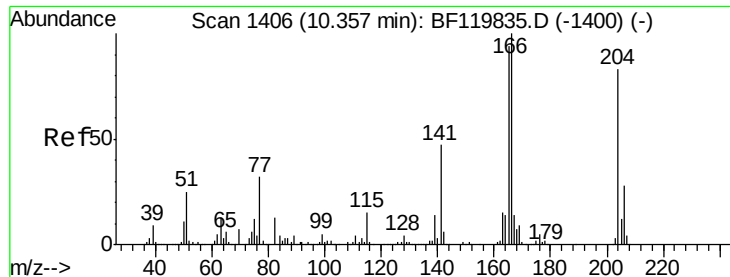
Abundance

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





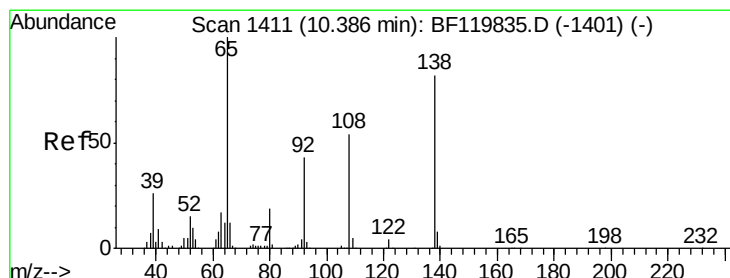
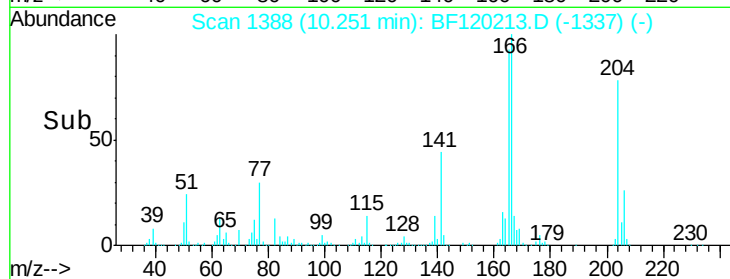
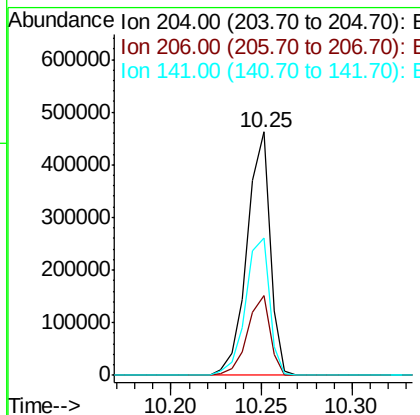
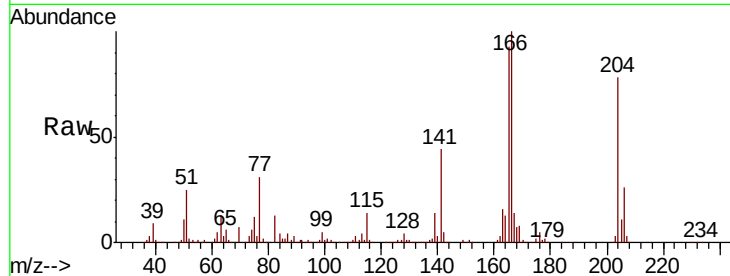
#61
 4-Chlorophenyl-phenylether
 Concen: 40.891 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:	204	Resp:	410985
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.7	40.1
141	56.4	47.3	70.9

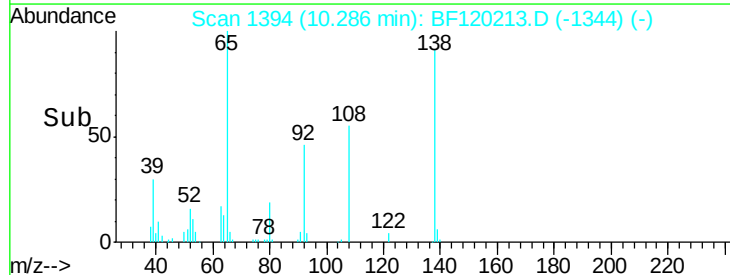
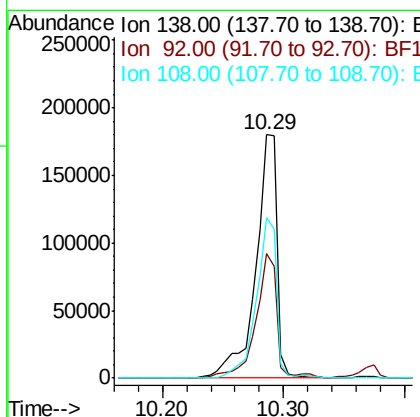
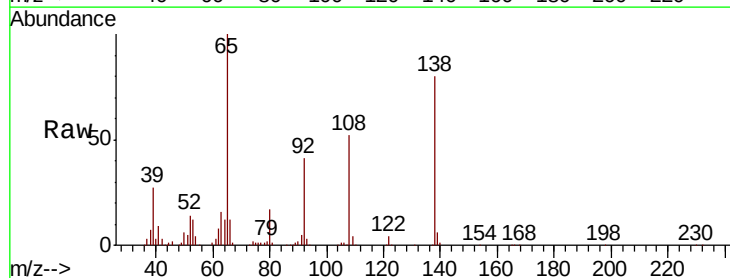
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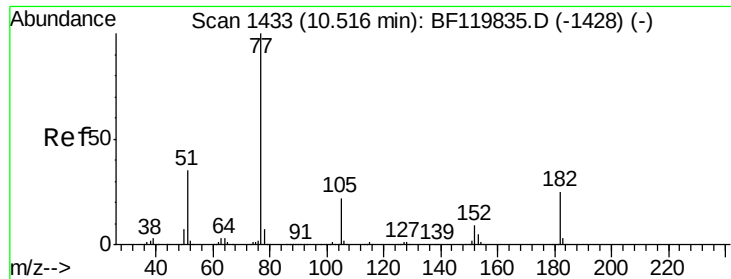
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#62
 4-Nitroaniline
 Concen: 44.757 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:	138	Resp:	223514
Ion Ratio	Lower	Upper	
138	100		
92	51.0	31.5	71.5
108	65.8	45.8	85.8





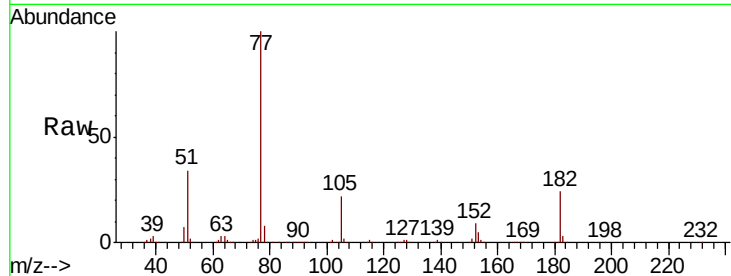
#63
Azobenzene
Concen: 44.171 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.4	44.4
105	21.5	2.6	42.6
51	34.0	15.1	55.1

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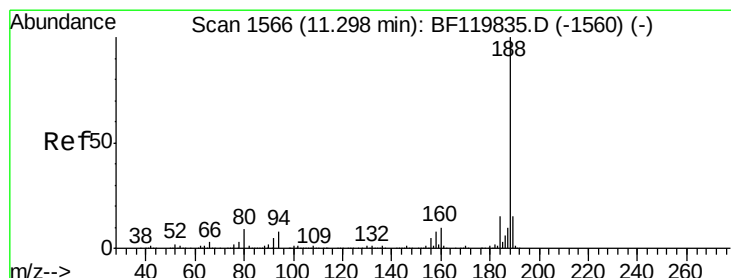
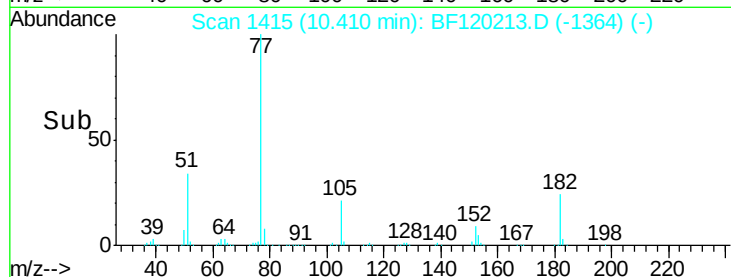
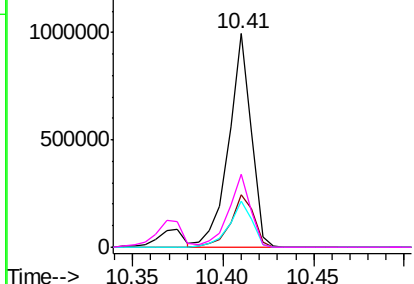


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



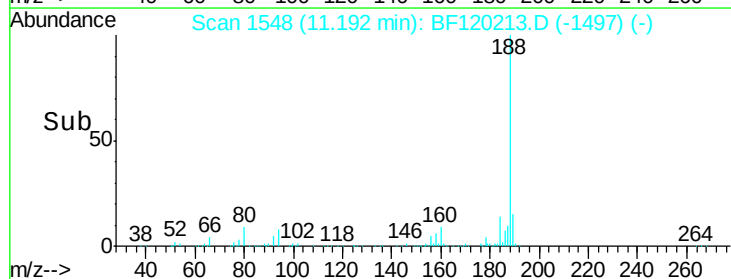
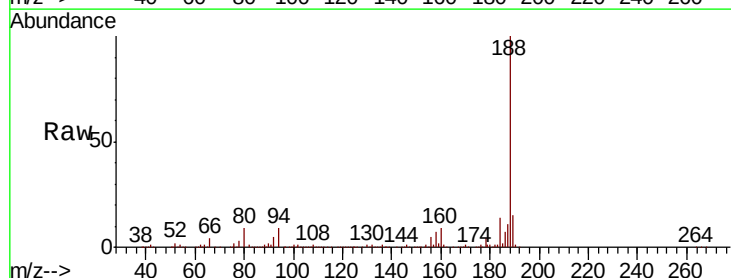
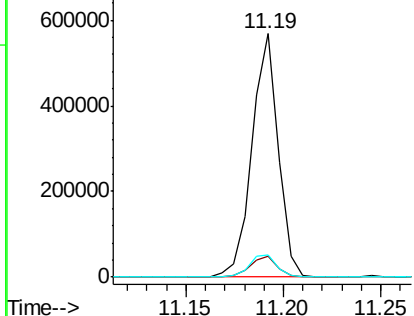
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

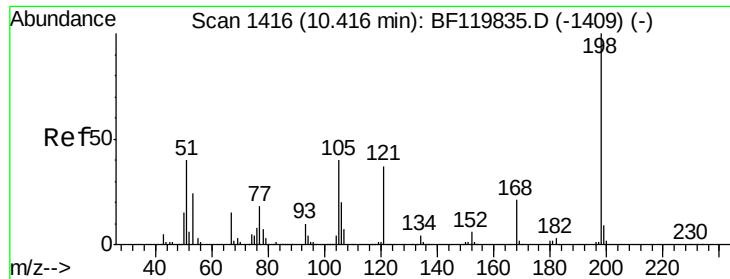
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	9.1	9.0	13.4

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





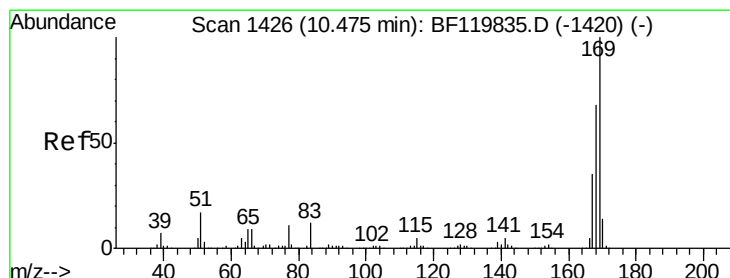
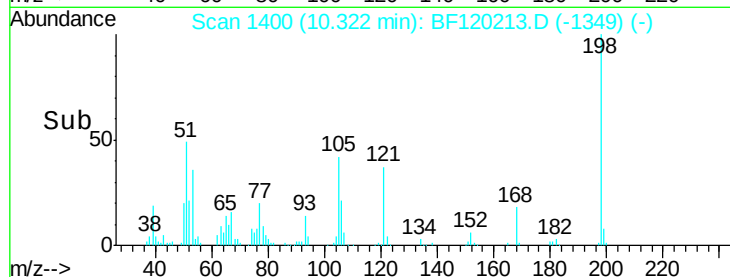
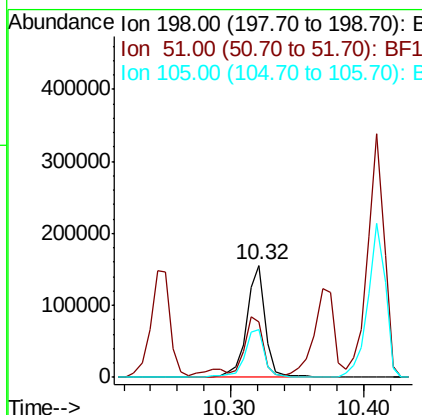
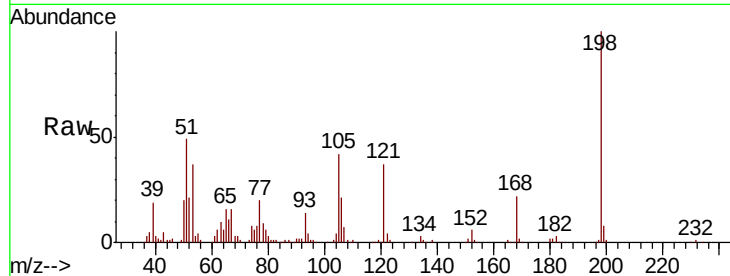
#65
4,6-Dinitro-2-methylphenol
Concen: 42.522 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	148712		
51	48.9	29.0	69.0	
105	42.0	22.2	62.2	

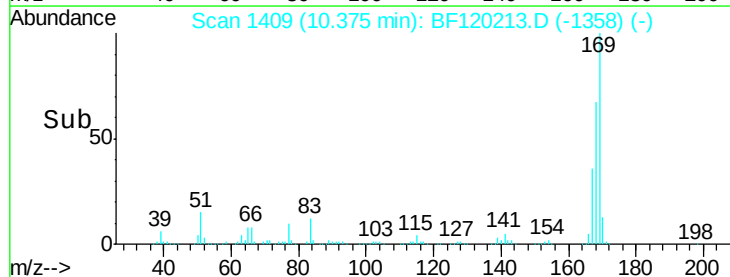
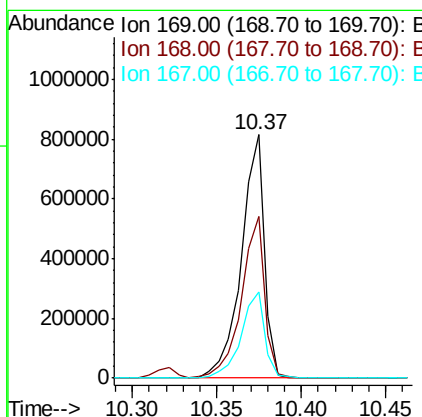
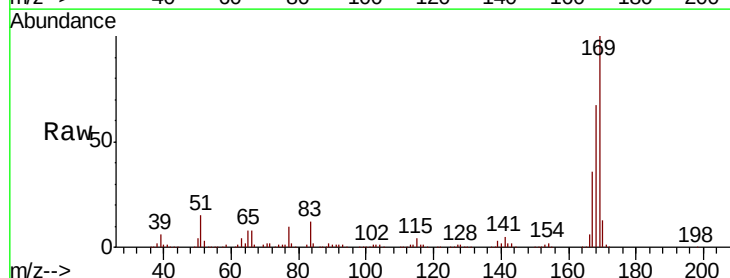
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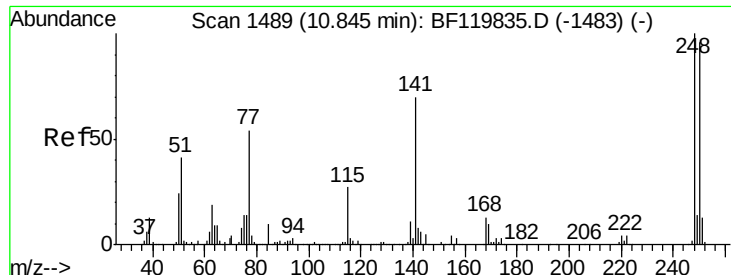
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#66
n-Nitrosodiphenylamine
Concen: 44.034 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	777403		
168	66.5	53.2	79.8	
167	35.6	29.1	43.7	





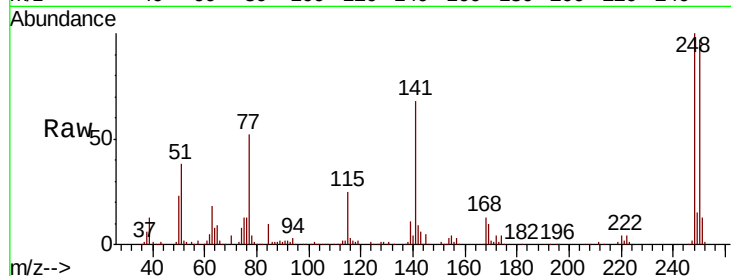
#67
 4-Bromophenyl-phenylether
 Concen: 38.620 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.3	115.9
141	68.1	58.6	87.8

Manual Integrations
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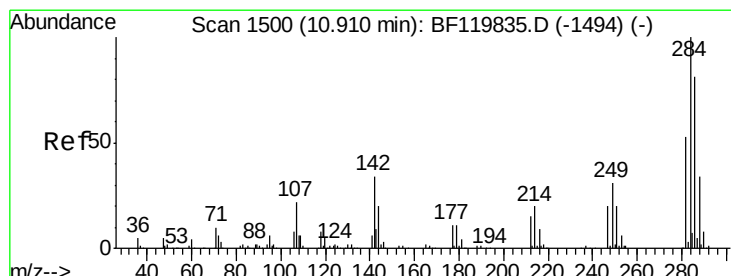
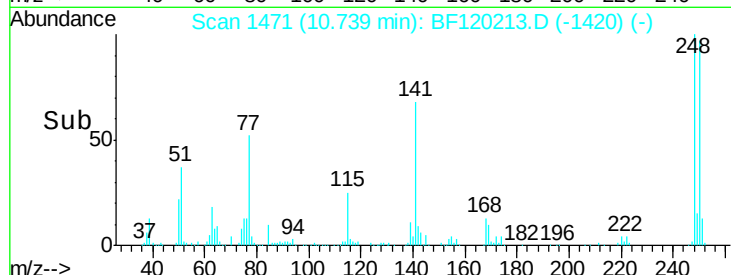
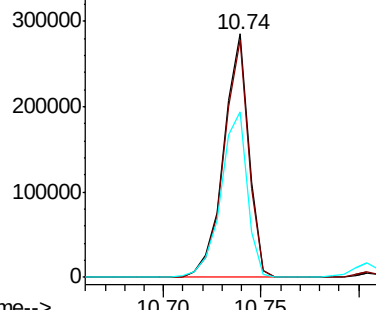


Abundance

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: 41.473 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

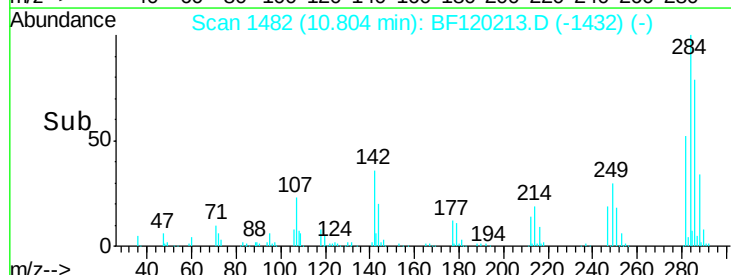
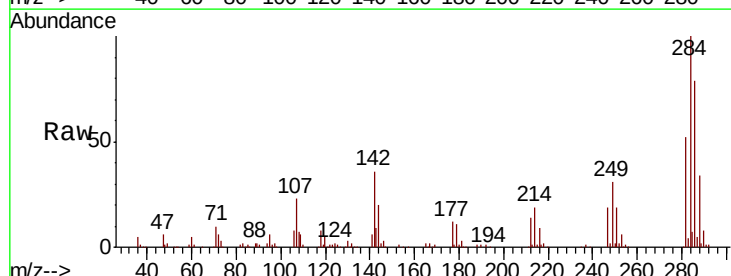
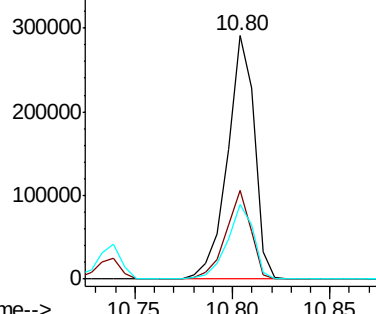
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.2	43.8
249	30.8	25.1	37.7

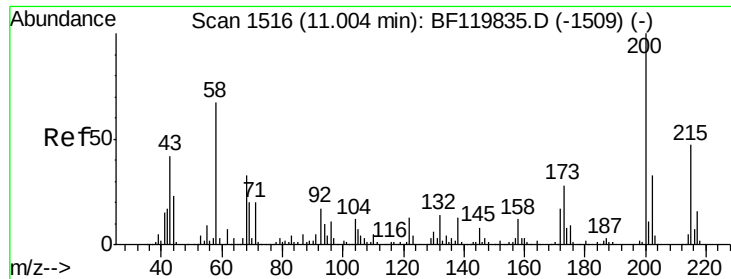
Abundance

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





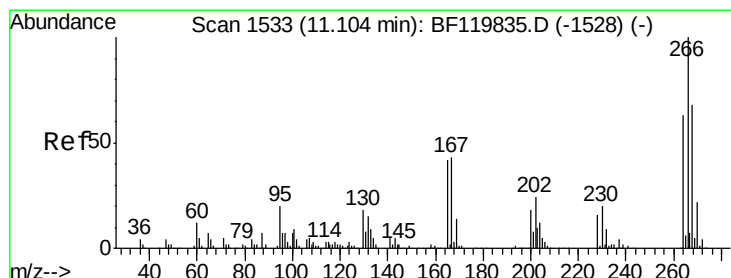
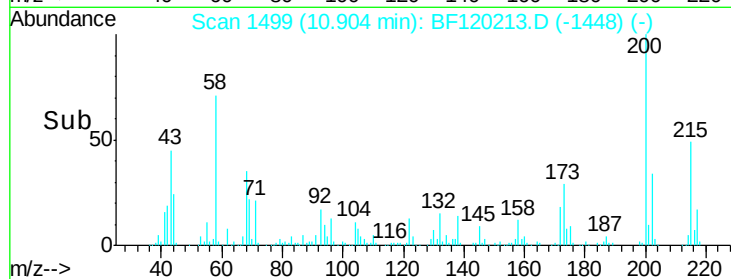
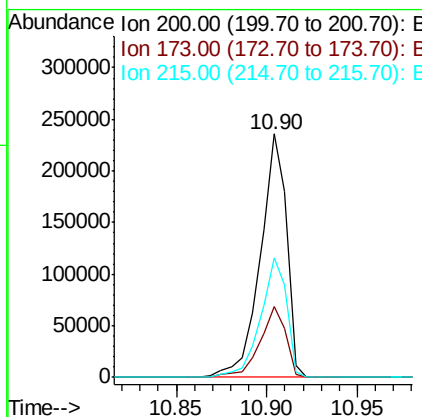
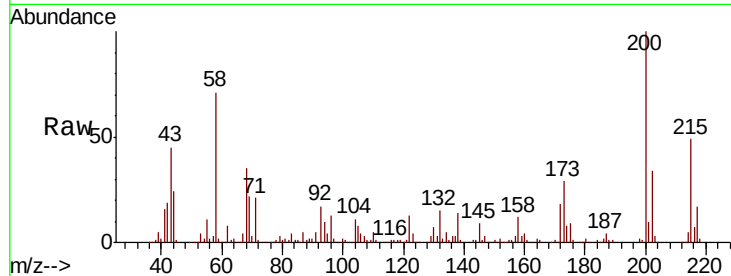
#69
Atrazine
Concen: 48.124 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	9.3	49.3
215	48.8	29.5	69.5

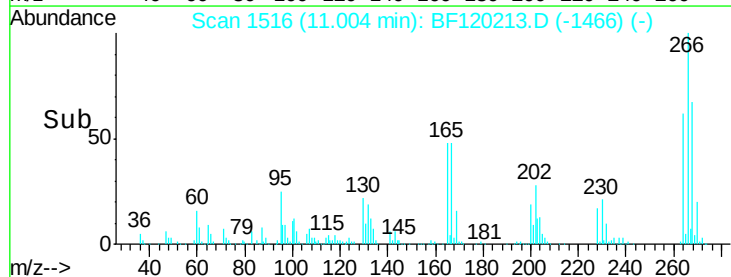
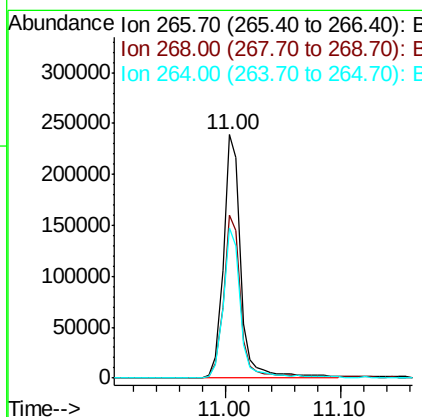
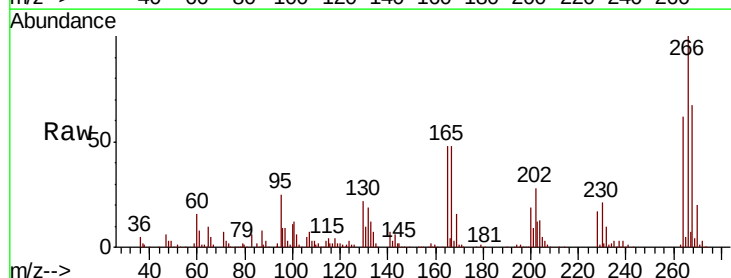
Manual Integrations
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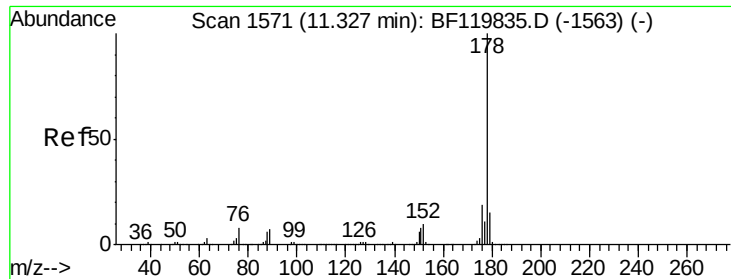
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#70
Pentachlorophenol
Concen: 64.691 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.0	53.3	79.9
264	61.7	49.0	73.4





#71

Phenanthrene

Concen: 44.394 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion:178 Resp: 1254233

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.4

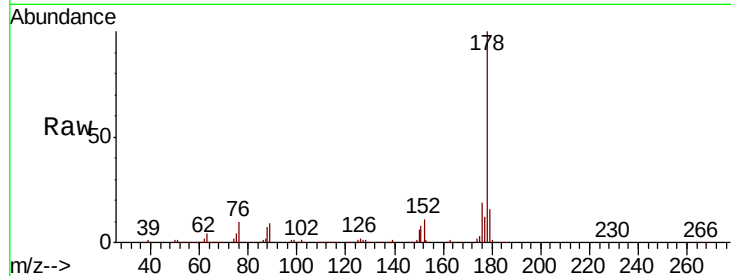
179 15.6 13.2 19.8

Manual Integrations

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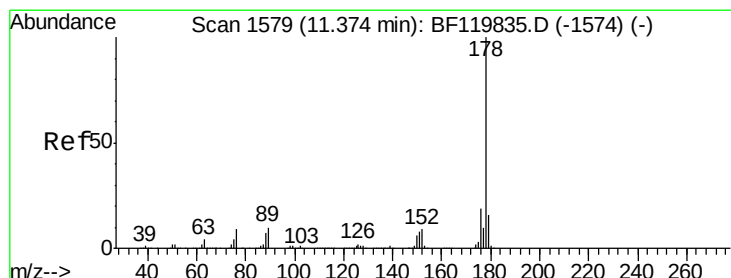
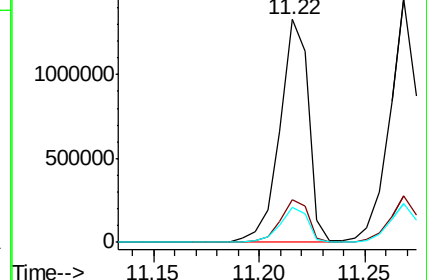
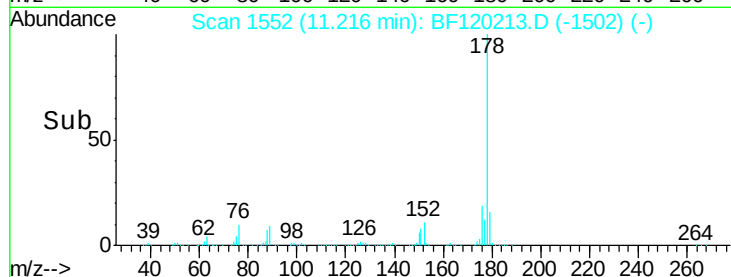
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.739 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

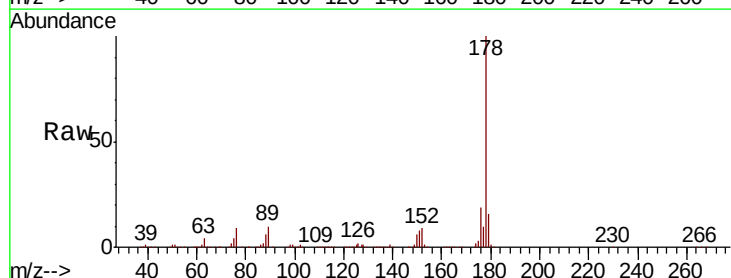
Tgt Ion:178 Resp: 1291223

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

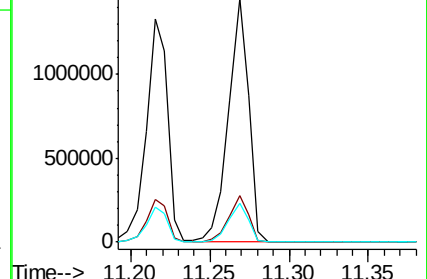
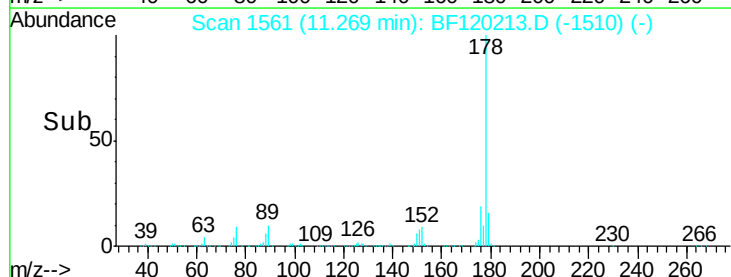
179 15.9 13.0 19.4

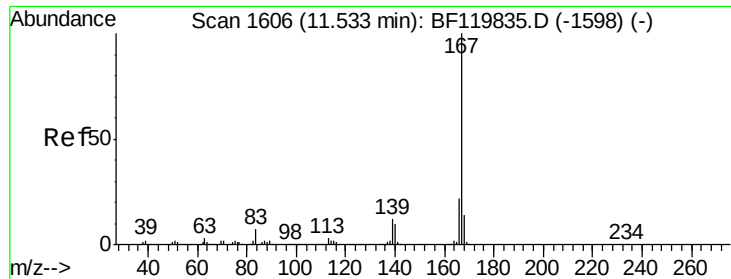


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





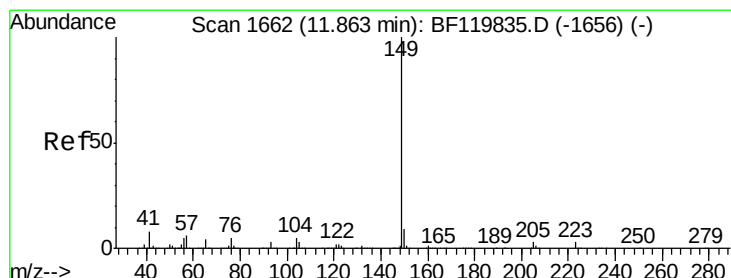
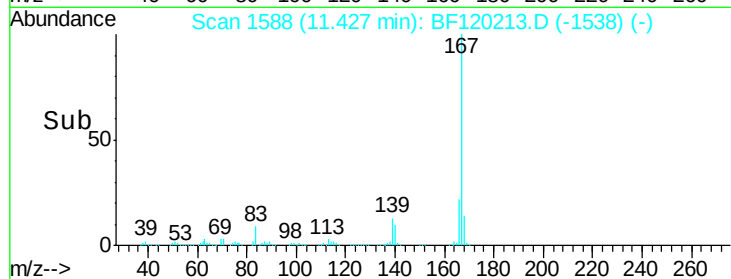
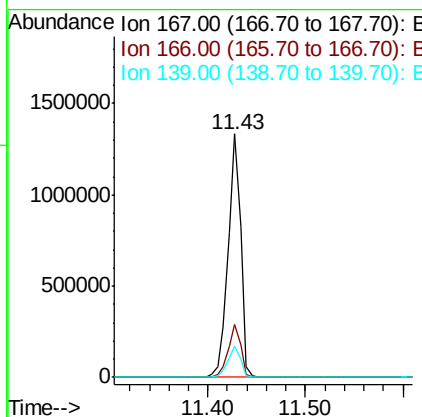
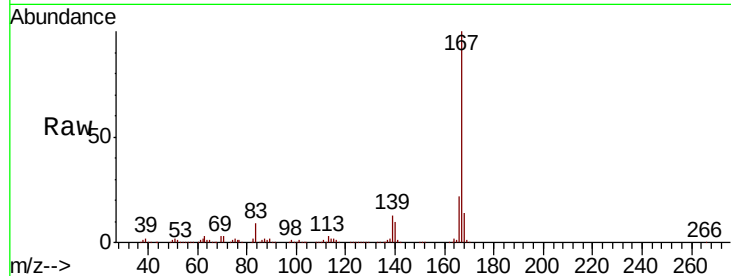
#73
 Carbazole
 Concen: 44.015 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	12.8	10.7	16.1

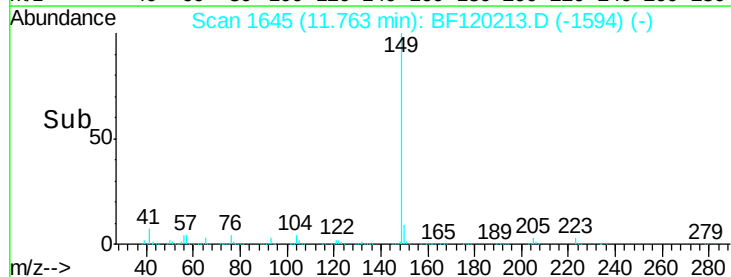
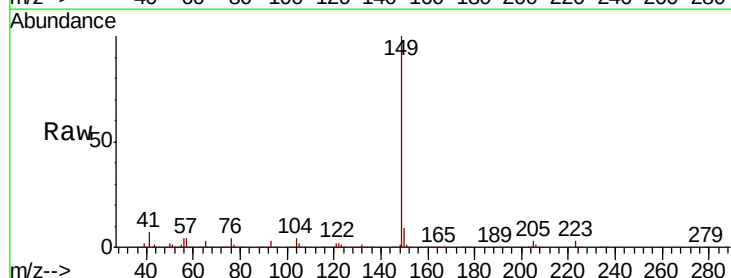
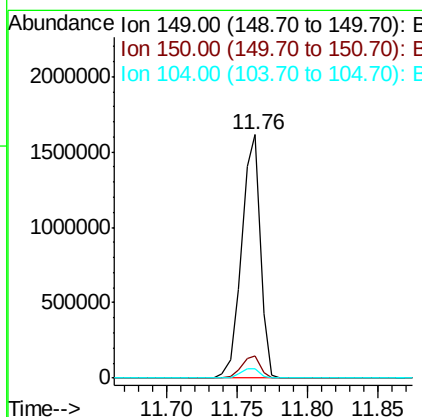
Manual Integrations
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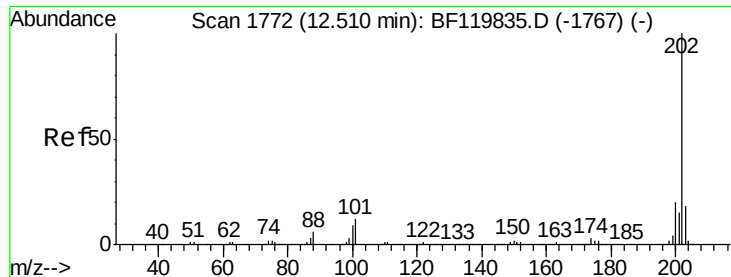
mohammad
 4/28/2020 11:08:25 PM



#74
 Di-n-butylphthalate
 Concen: 41.515 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.8
104	4.0	3.6	5.4





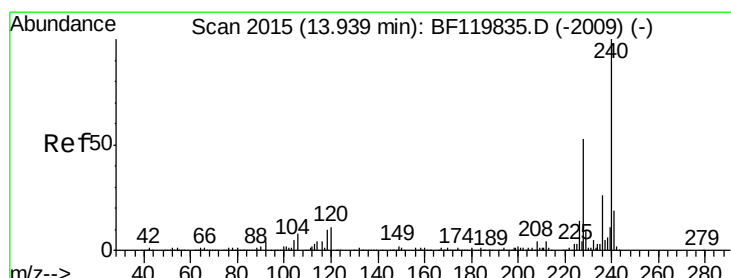
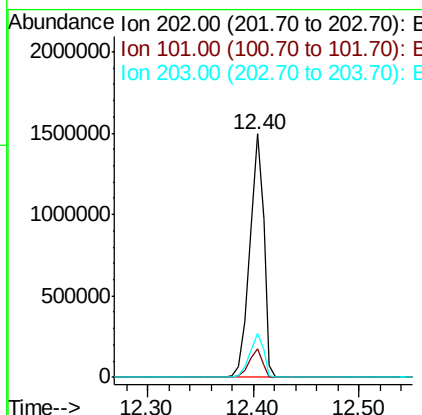
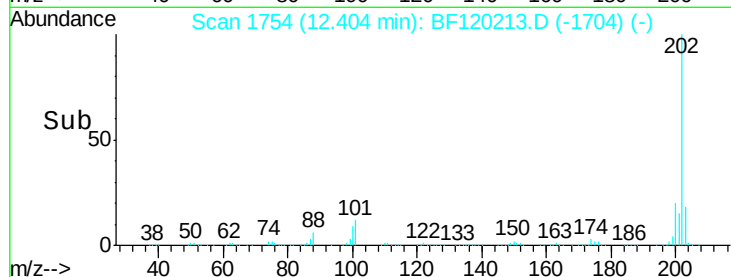
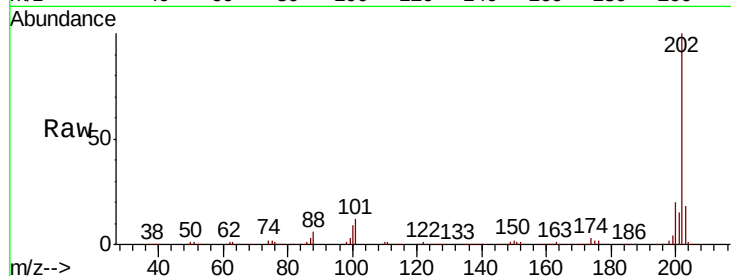
#75
Fluoranthene
Concen: 45.355 ng
RT: 12.40 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1382614		
101	11.8	0.0	32.2	
203	18.0	0.0	38.8	

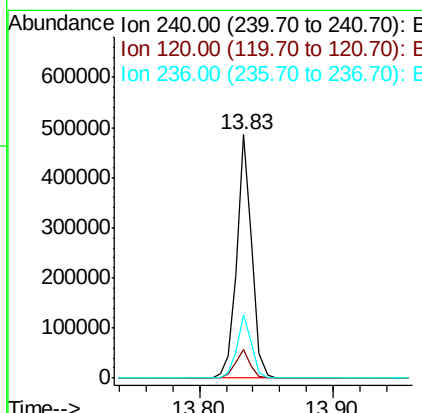
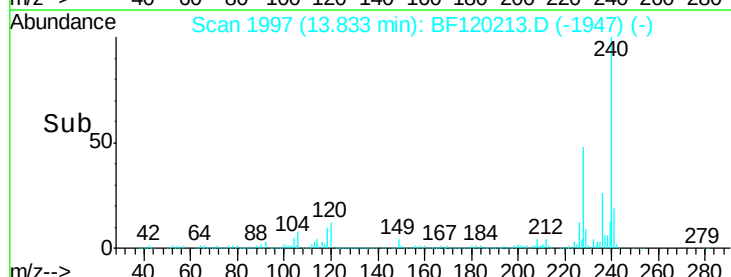
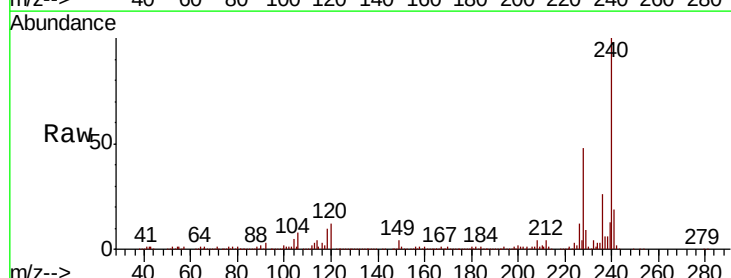
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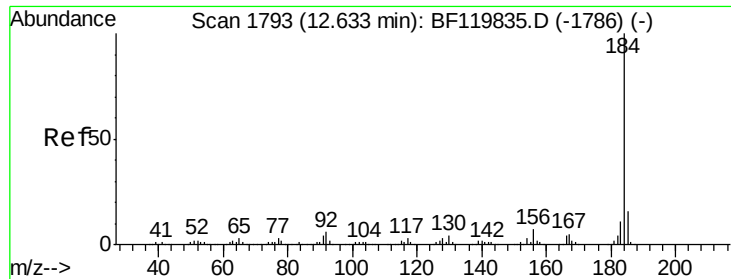
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	382569		
120	11.6	10.6	15.8	
236	25.7	20.2	30.2	





#77

Benzidine

Concen: 58.516 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

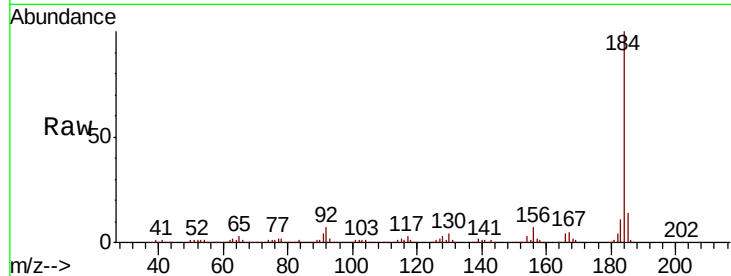
ClientSampleId :

PB128485BS

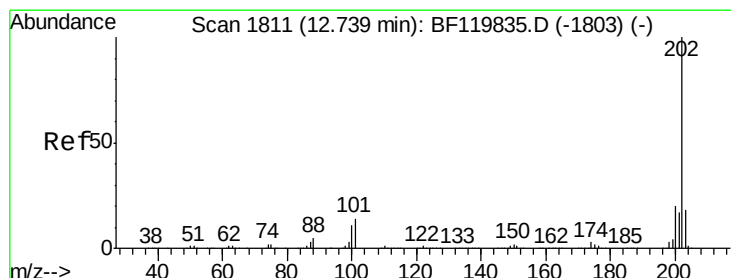
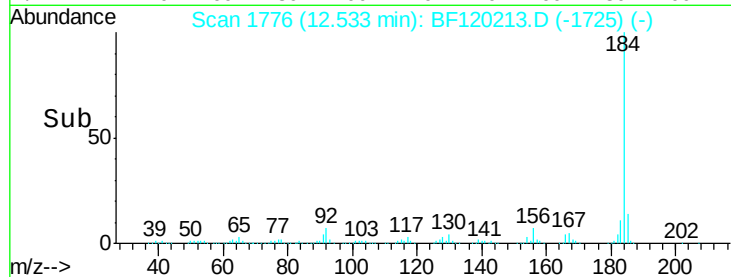
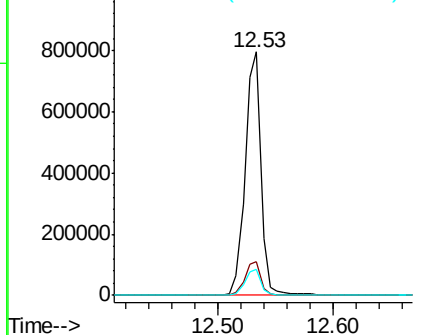
Tot Ion:	184	Resp:	756721
Ion Ratio	Lower	Upper	
184	100		
185	13.8	12.3	18.5
183	10.7	9.0	13.6

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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: 42.646 ng

RT: 12.63 min Scan# 1793

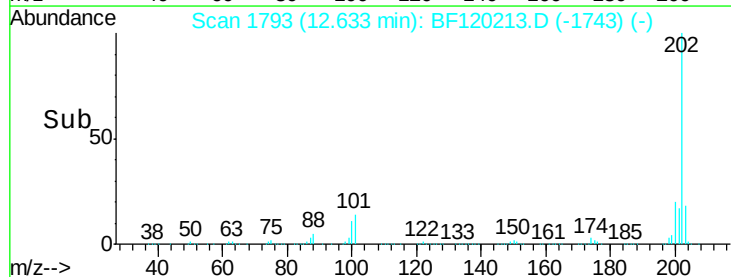
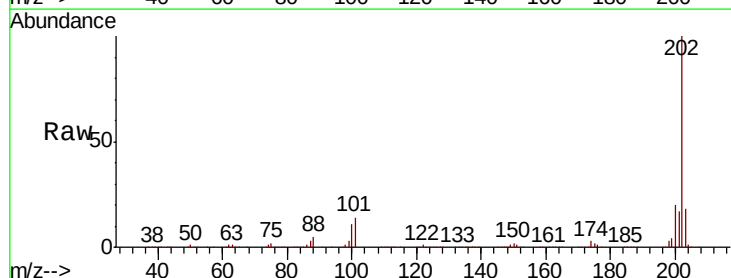
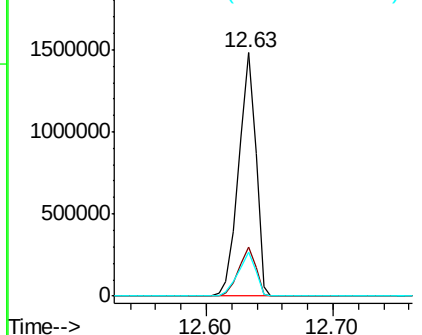
Delta R.T. -0.01 min

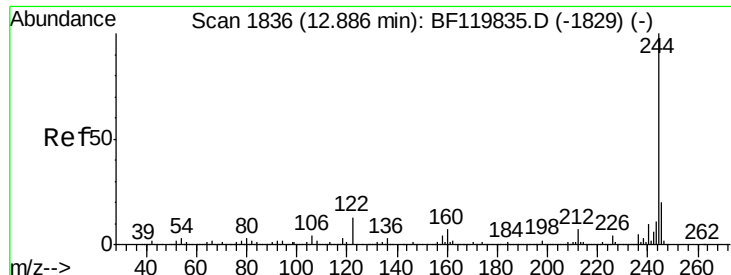
Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	202	Resp:	1375401
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.8	25.2
203	18.2	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





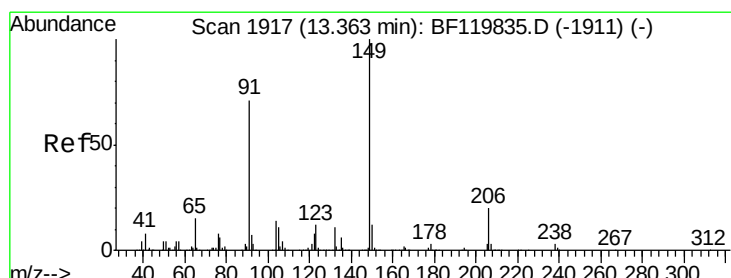
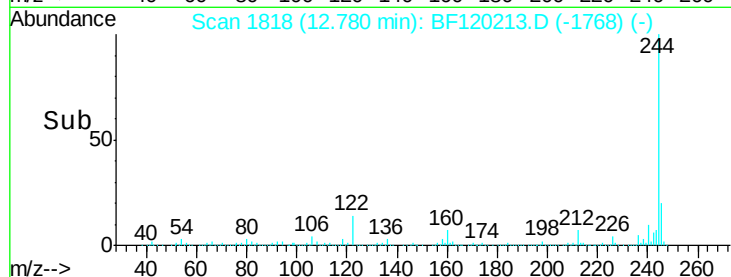
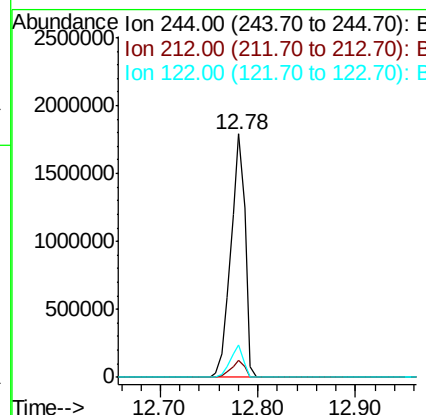
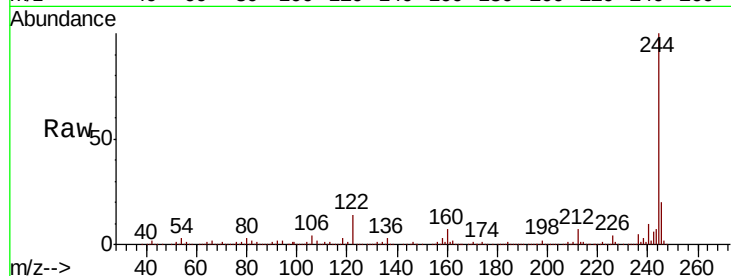
#79
 Terphenyl-d14
 Concen: 79.701 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	13.5	10.3	15.5

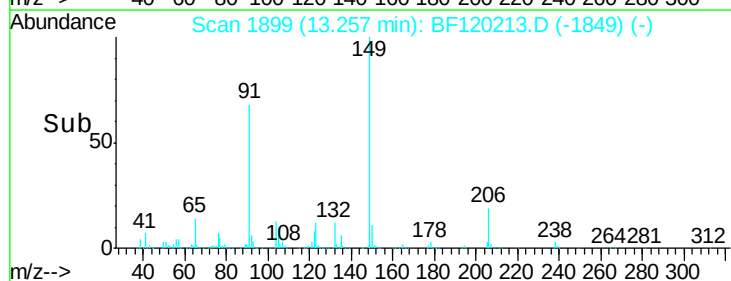
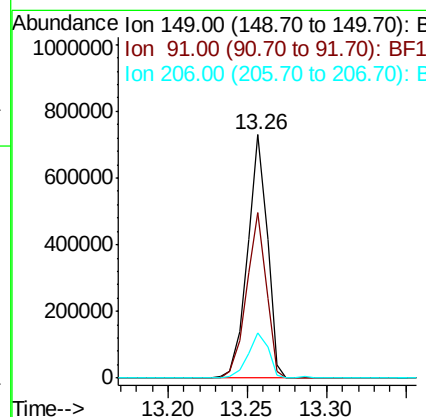
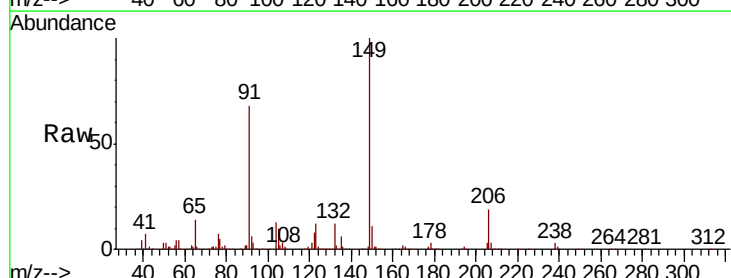
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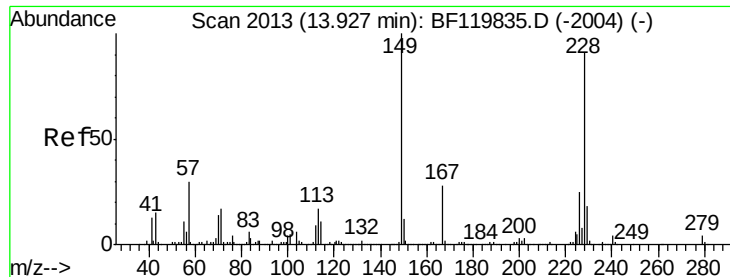
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.967 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.7	82.1
206	18.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 43.503 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

ClientSampleId :

PB128485BS

Tot Ion:228 Resp: 1094873

Ion Ratio Lower Upper

228 100

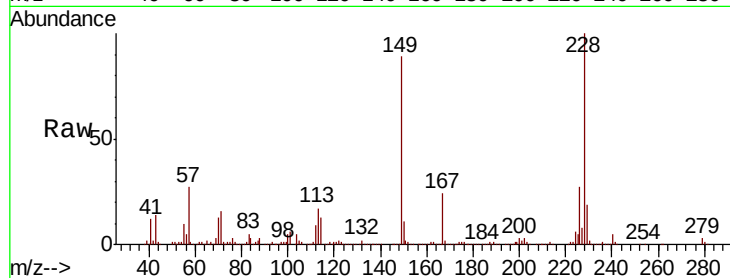
226 27.3 21.8 32.8

229 19.3 16.2 24.4

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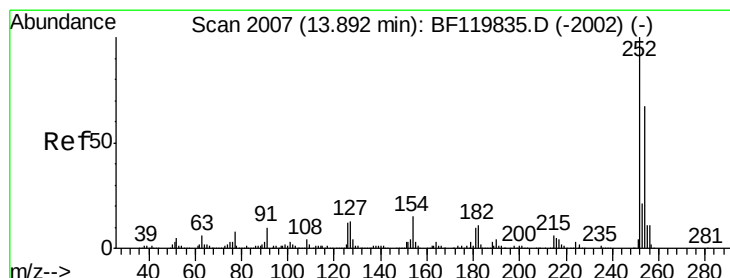
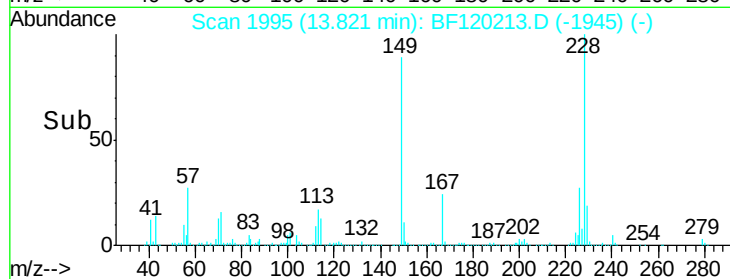
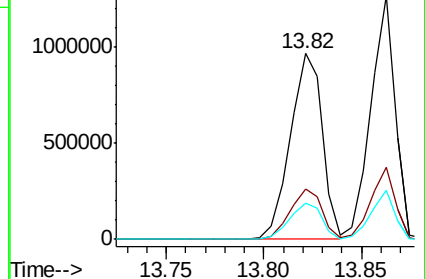
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.335 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:252 Resp: 256699

Ion Ratio Lower Upper

252 100

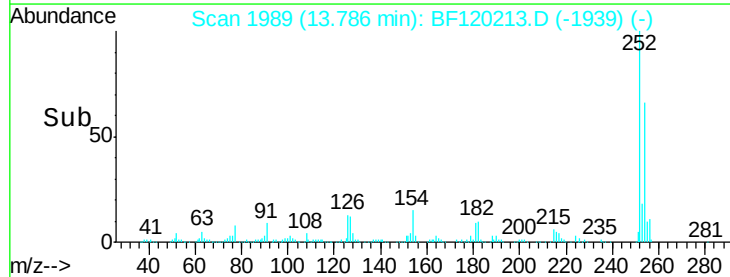
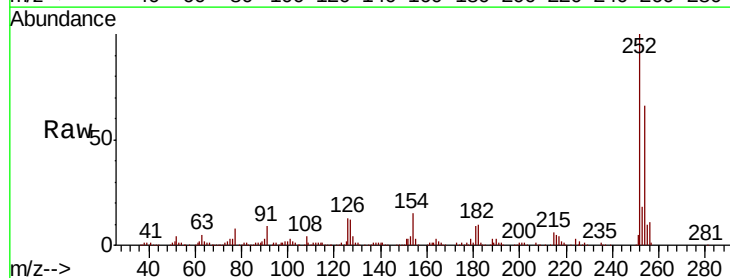
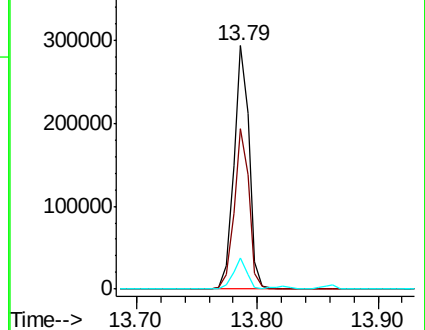
254 65.8 51.2 76.8

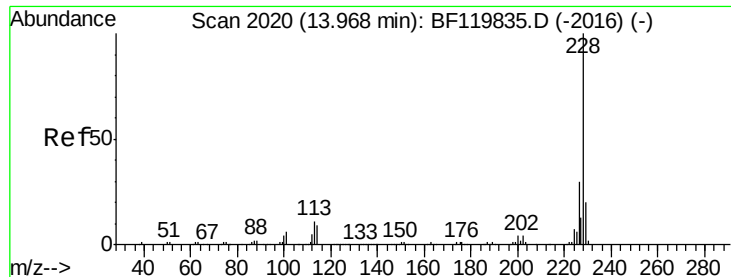
126 12.6 9.6 14.4

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





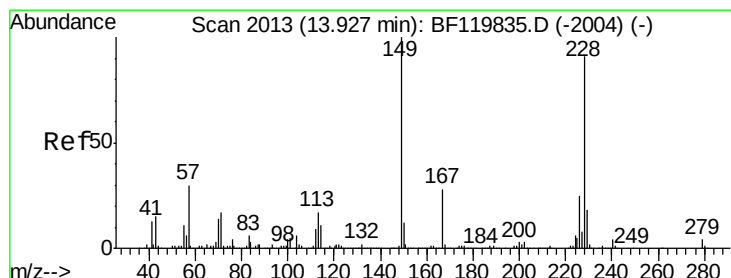
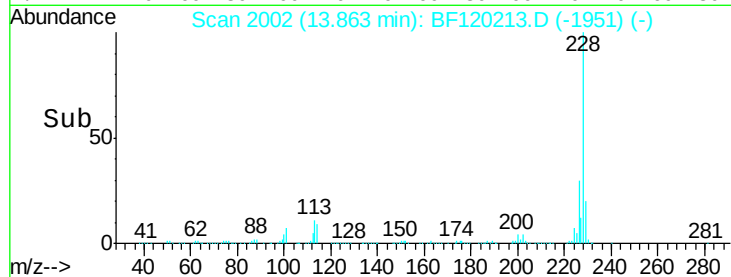
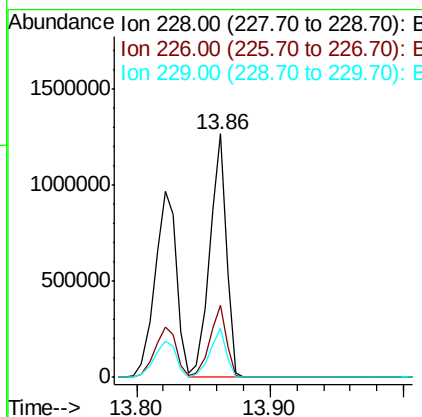
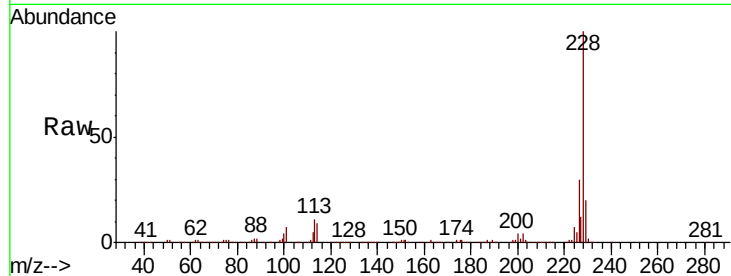
#83
 Chrysene
 Concen: 42.998 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB128485BS

Tot Ion:228 Resp: 1099578
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.4 38.0
 229 19.9 16.6 24.8

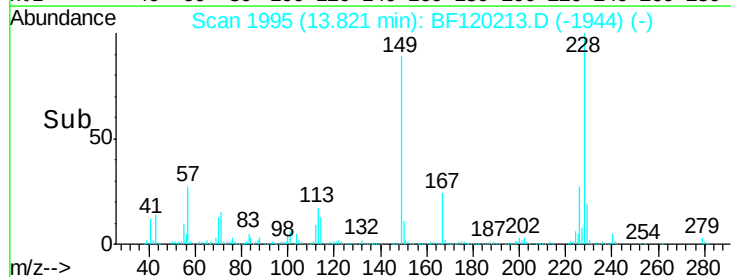
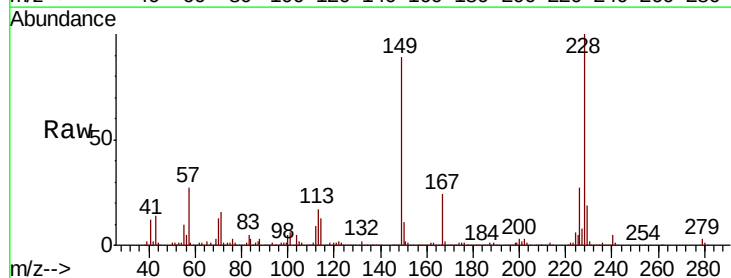
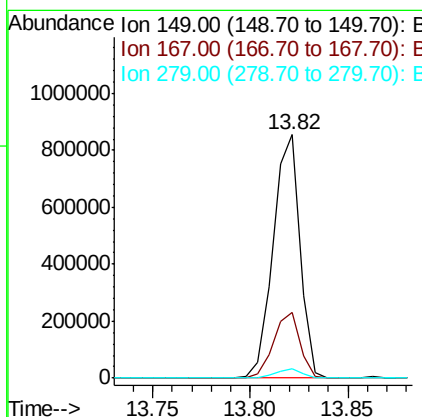
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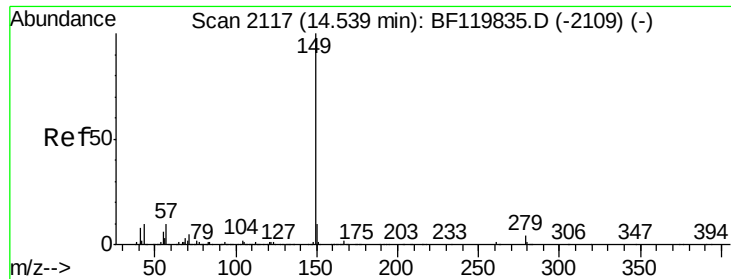
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.351 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BF120213.D
 Acq: 27 Apr 2020 12:39

Tgt Ion:149 Resp: 812761
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.3 31.9
 279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 36.471 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

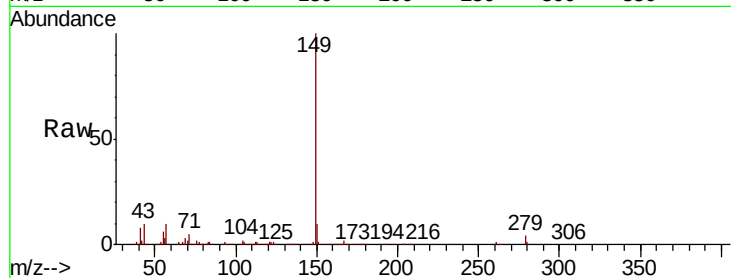
ClientSampleId :

PB128485BS

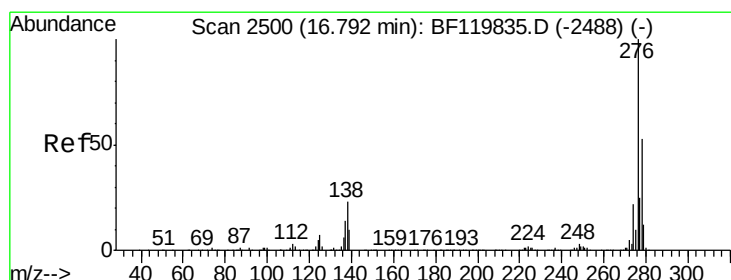
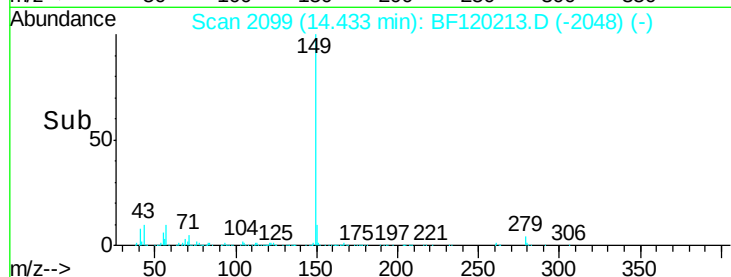
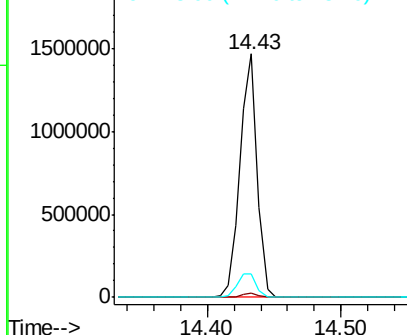
Tot Ion:	149	Resp:	1316020
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.3	13.9

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.270 ng

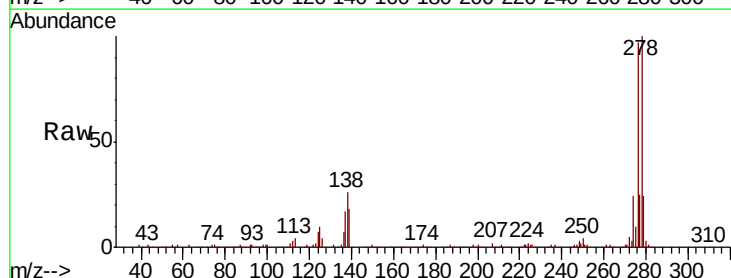
RT: 16.61 min Scan# 2469

Delta R.T. -0.00 min

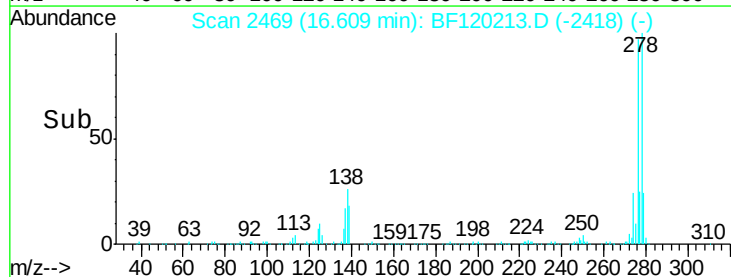
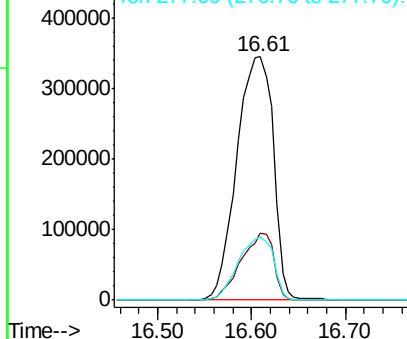
Lab File: BF120213.D

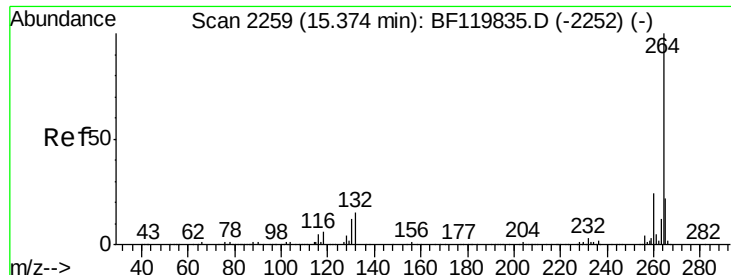
Acq: 27 Apr 2020 12:39

Tgt Ion:	276	Resp:	930319
Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.6	29.4
277	25.3	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
400000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Instrument :

BNA_F

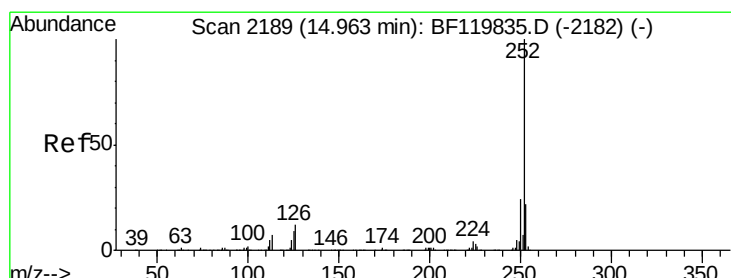
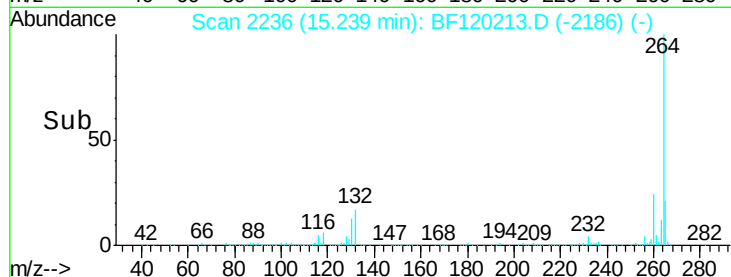
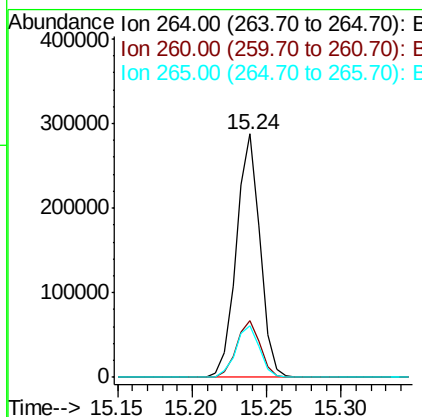
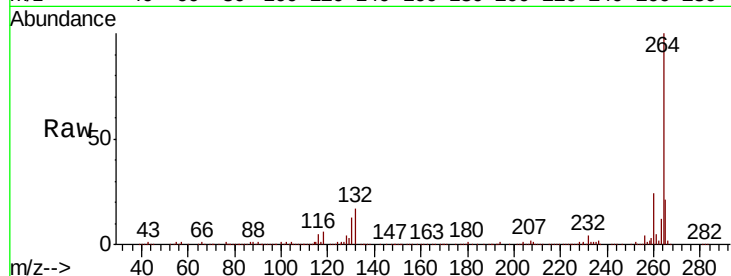
ClientSampleId :

PB128485BS

Tot Ion:	264	Resp:	318860
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.7	28.1
265	21.4	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 47.316 ng

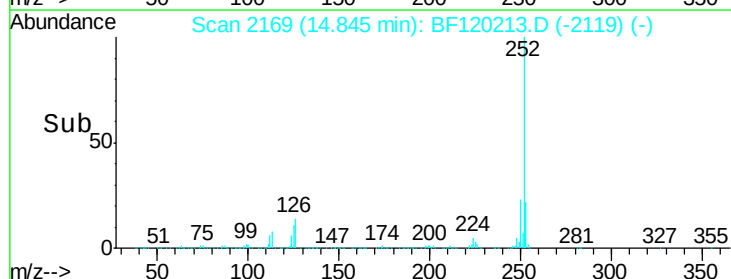
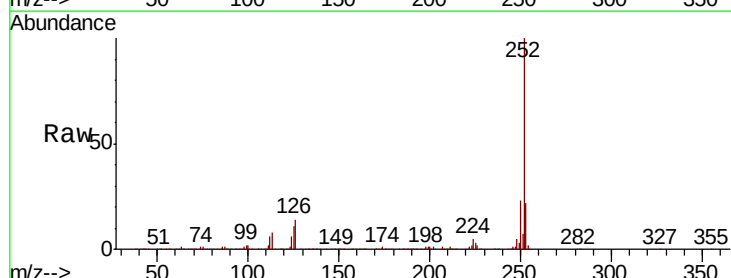
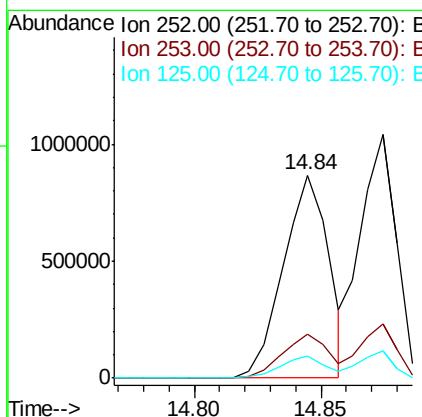
RT: 14.84 min Scan# 2169

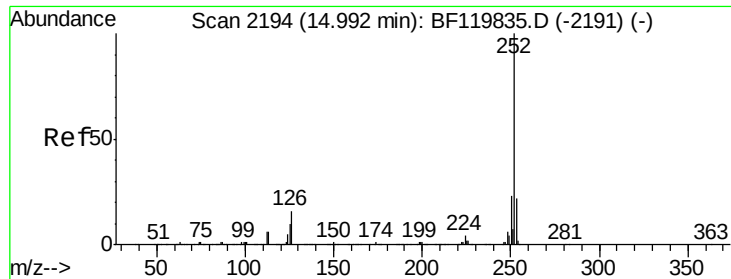
Delta R.T. -0.01 min

Lab File: BF120213.D

Acq: 27 Apr 2020 12:39

Tgt Ion:	252	Resp:	1085338
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	10.8	7.9	11.9





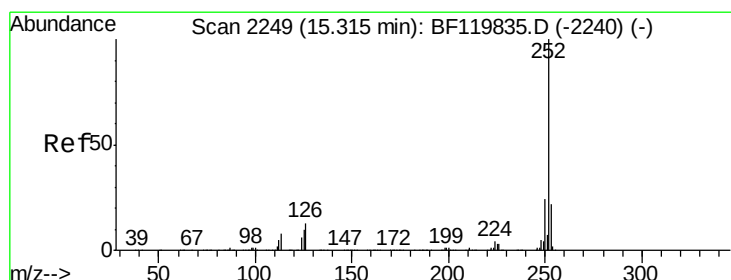
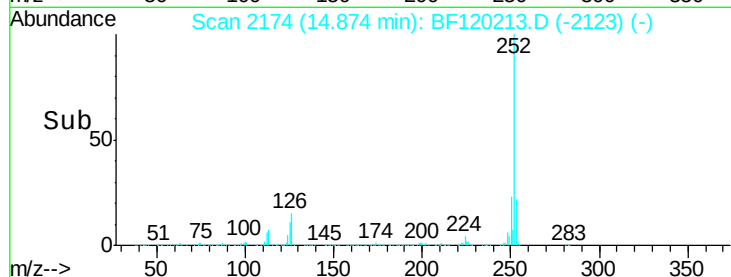
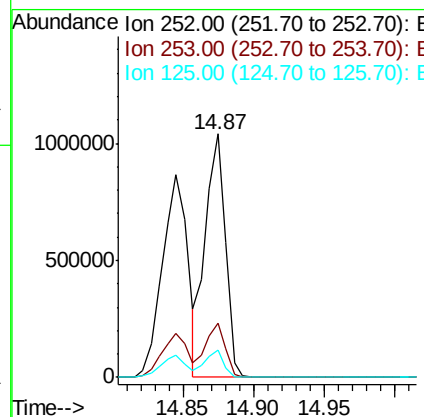
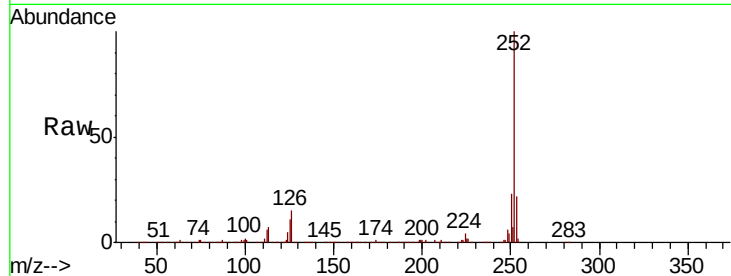
#89
Benzo(k)fluoranthene
Concen: 52.139 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.0	8.4	12.6

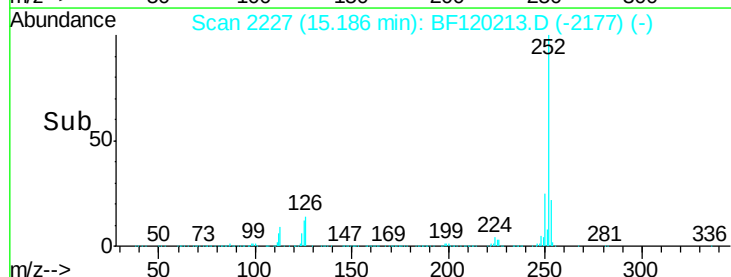
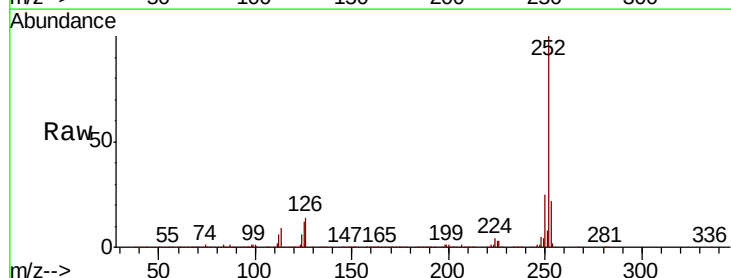
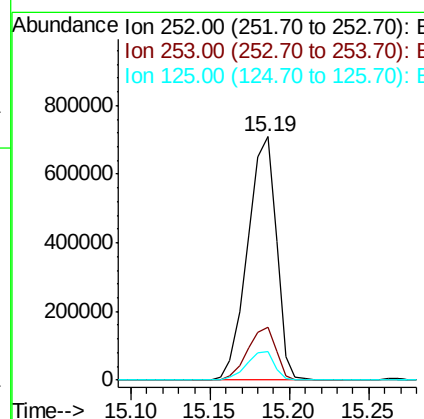
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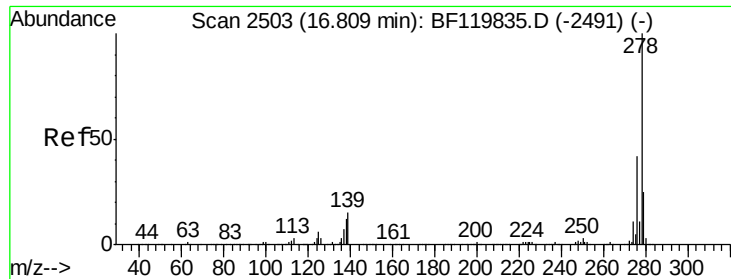
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#90
Benzo(a)pyrene
Concen: 46.525 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	11.6	9.4	14.2





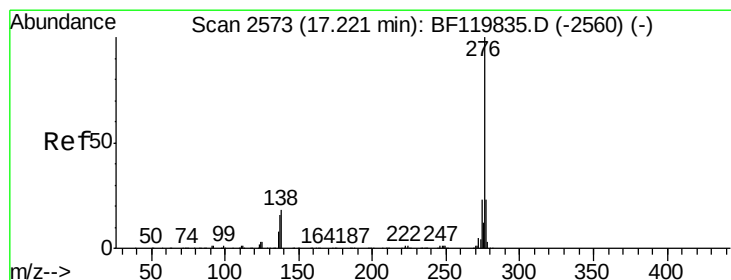
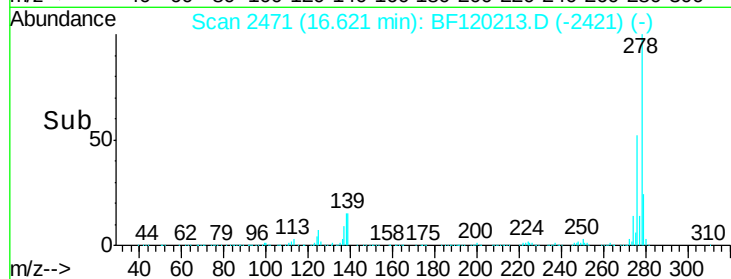
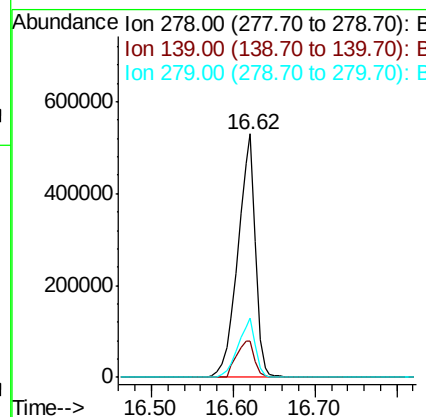
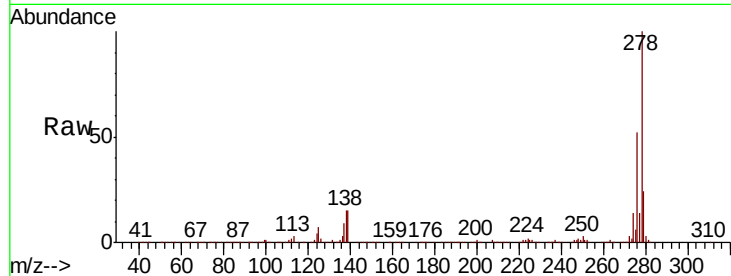
#91
Dibenzo(a,h)anthracene
Concen: 46.514 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Instrument :
BNA_F
ClientSampleId :
PB128485BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.6	19.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/28/2020 11:08:25 PM



#92
Benzo(g,h,i)perylene
Concen: 43.663 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF120213.D
Acq: 27 Apr 2020 12:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	20.0	15.4	23.0

