

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120165.D
 Acq On : 23 Apr 2020 16:03
 Operator : MA/SJ
 Sample : PB128274BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Manual Integrations
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mohammad
 4/24/2020 1:34:10 PM

Quant Time: Apr 23 16:35:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	135560	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	524591	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	284640	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	542595	20.00	ng	0.00
76) Chrysene-d12	13.83	240	392230	20.00	ng	0.00
87) Perylene-d12	15.23	264	365126	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1031485	131.50	ng	0.01
7) Phenol-d6	6.31	99	1317453	130.34	ng	0.00
23) Nitrobenzene-d5	7.23	82	826683	81.53	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	367475	105.45	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1667642	83.18	ng	0.00
79) Terphenyl-d14	12.77	244	1834291	78.69	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.35	88	143338	41.027	ng	96
3) Pyridine	3.02	79	367285	38.316	ng	96
4) n-Nitrosodimethylamine	2.98	42	215984	44.100	ng	97
6) Aniline	6.33	93	456875	34.439	ng	# 44
8) 2-Chlorophenol	6.45	128	419572	47.872	ng	97
9) Benzaldehyde	6.21	77	163843	25.714	ng	99
10) Phenol	6.32	94	530760	46.286	ng	# 70
11) bis(2-Chloroethyl)ether	6.40	93	394023	44.503	ng	99
12) 1,3-Dichlorobenzene	6.60	146	418972	43.665	ng	98
13) 1,4-Dichlorobenzene	6.68	146	425976	43.581	ng	98
14) 1,2-Dichlorobenzene	6.83	146	402606	44.695	ng	99
15) Benzyl Alcohol	6.82	79	345294	43.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	687253	39.890	ng	94
17) 2-Methylphenol	6.93	107	344850	44.090	ng	96
18) Hexachloroethane	7.17	117	162193	44.401	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	292492	45.001	ng	98
20) 3+4-Methylphenols	7.09	107	434918	45.465	ng	94
22) Acetophenone	7.08	105	568724	46.297	ng	# 93
24) Nitrobenzene	7.25	77	449225	44.039	ng	99
25) Isophorone	7.49	82	819908	41.945	ng	98
26) 2-Nitrophenol	7.57	139	232244	45.571	ng	94
27) 2,4-Dimethylphenol	7.62	122	358235	46.608	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	515945	44.855	ng	100
29) 2,4-Dichlorophenol	7.82	162	351412	44.604	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	376486	42.174	ng	99
31) Naphthalene	7.97	128	1209095	43.807	ng	98
32) Benzoic acid	7.76	122	272182	40.321	ng	94
33) 4-Chloroaniline	8.02	127	233032	19.394	ng	99
34) Hexachlorobutadiene	8.09	225	216678	40.548	ng	98
35) Caprolactam	8.40	113	112455m	46.662	ng	
36) 4-Chloro-3-methylphenol	8.52	107	396351	46.467	ng	96
37) 2-Methylnaphthalene	8.66	142	839908	44.886	ng	99
38) 1-Methylnaphthalene	8.76	142	798004	45.246	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	375343	41.750	ng	99

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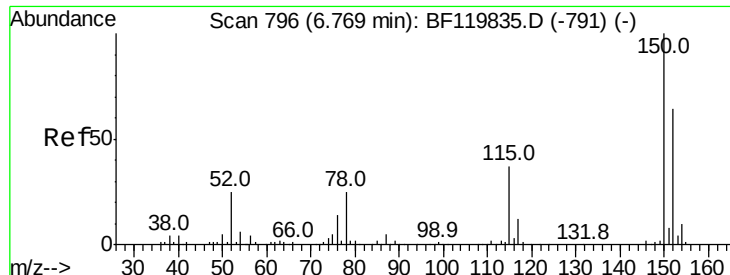
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	394188	77.108	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	260348	41.937	nq	99
44) 2,4,5-Trichlorophenol	8.99	196	281073	40.198	nq	94
46) 1,1'-Biphenyl	9.13	154	1030311	42.885	nq	100
47) 2-Chloronaphthalene	9.15	162	793219	42.859	nq	99
48) 2-Nitroaniline	9.25	65	285010	42.495	nq	99
49) Acenaphthylene	9.57	152	1245282	44.242	nq	97
50) Dimethylphthalate	9.44	163	940780	42.731	nq	100
51) 2,6-Dinitrotoluene	9.50	165	208470	43.240	nq	95
52) Acenaphthene	9.74	154	748361	39.858	nq	99
53) 3-Nitroaniline	9.66	138	138367	25.129	nq	98
54) 2,4-Dinitrophenol	9.78	184	237426	82.254	nq	95
55) Dibenzofuran	9.91	168	1115485	43.294	nq	100
56) 4-Nitrophenol	9.85	139	318226	77.673	nq	96
57) 2,4-Dinitrotoluene	9.90	165	270707	42.617	nq	96
58) Fluorene	10.26	166	885582	42.978	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	232631	43.501	nq	99
60) Diethylphthalate	10.14	149	964552	42.270	nq	99
61) 4-Chlorophenyl-phenylether	10.25	204	426342	40.369	nq	98
62) 4-Nitroaniline	10.29	138	225982	43.064	nq	96
63) Azobenzene	10.41	77	912204	44.607	nq	97
65) 4,6-Dinitro-2-methylphenol	10.32	198	163477	45.732	nq	96
66) n-Nitrosodiphenylamine	10.37	169	808353	44.796	nq	100
67) 4-Bromophenyl-phenylether	10.73	248	262301	38.872	nq	97
68) Hexachlorobenzene	10.80	284	284408	41.548	nq	98
69) Atrazine	10.90	200	246165	49.030	nq	99
70) Pentachlorophenol	11.00	266	275606	69.866	nq	99
71) Phenanthrene	11.22	178	1260654	43.655	nq	98
72) Anthracene	11.26	178	1304011	44.204	nq	98
73) Carbazole	11.42	167	1198565	42.963	nq	99
74) Di-n-butylphthalate	11.76	149	1555126	42.404	nq	100
75) Fluoranthene	12.40	202	1389522	44.595	nq	99
77) Benzidine	12.53	184	755100	56.952	nq	98
78) Pyrene	12.63	202	1383805	41.850	nq	98
80) Butylbenzylphthalate	13.25	149	646529	40.296	nq	97
81) Benzo(a)anthracene	13.82	228	1118478	43.346	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	235070	24.416	nq	99
83) Chrysene	13.86	228	1137304	43.378	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	866078	39.861	nq	100
85) Di-n-octyl phthalate	14.43	149	1461246	39.498	nq	99
86) Indeno(1,2,3-cd)pyrene	16.58	276	974695	42.174	nq	100
88) Benzo(b)fluoranthene	14.83	252	1010694	38.479	nq	98
89) Benzo(k)fluoranthene	14.86	252	1028079	45.364	nq	99
90) Benzo(a)pyrene	15.17	252	848626	38.426	nq	97
91) Dibenzo(a,h)anthracene	16.59	278	809943	41.403	nq	98
92) Benzo(g,h,i)perylene	16.99	276	766903	39.715	nq	97

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



#1

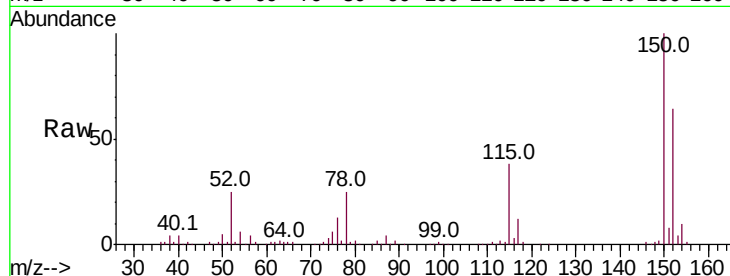
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.5	186.7
115	59.5	49.6	74.4

Manual Integrations
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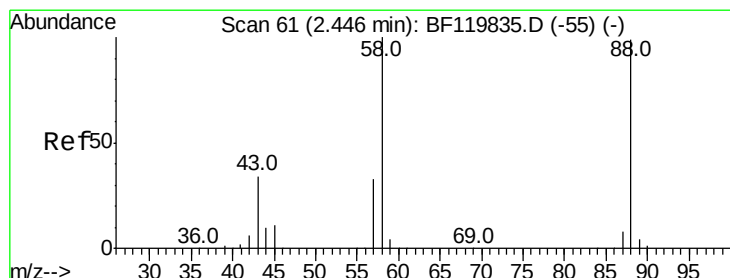
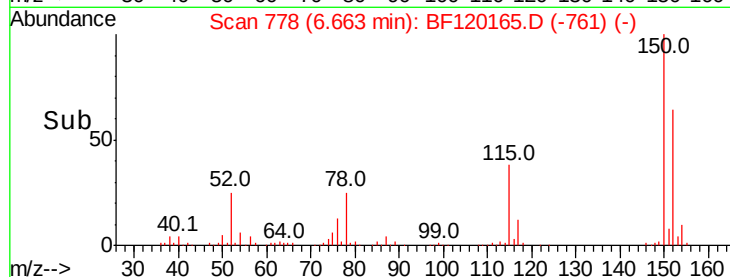
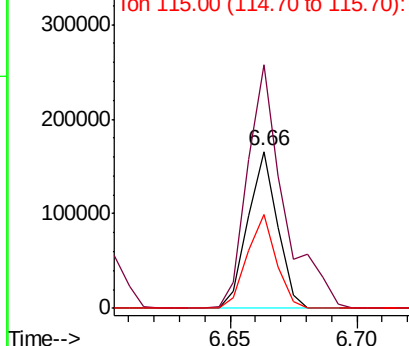


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

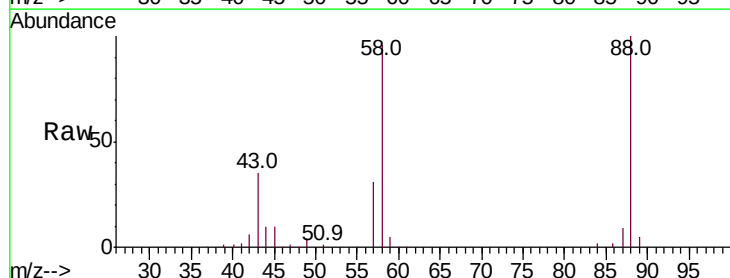
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.027 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.08 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	80.6	121.0
43	35.3	27.5	41.3

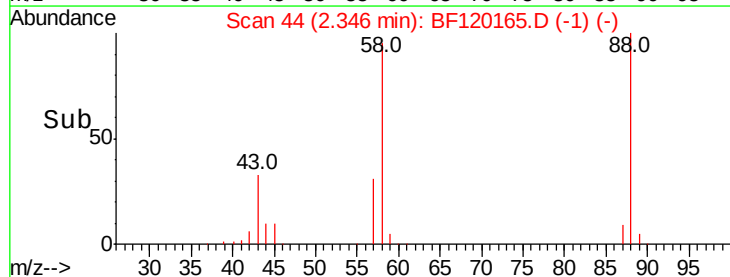
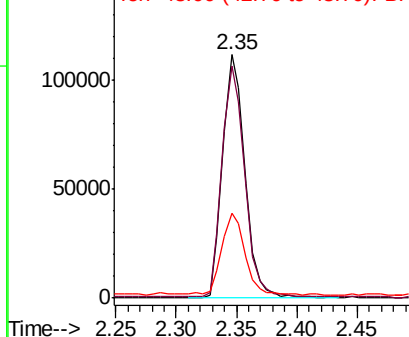


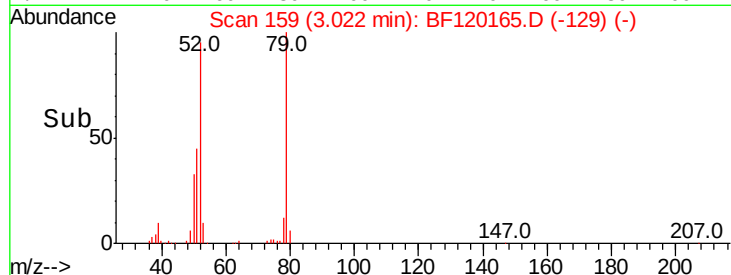
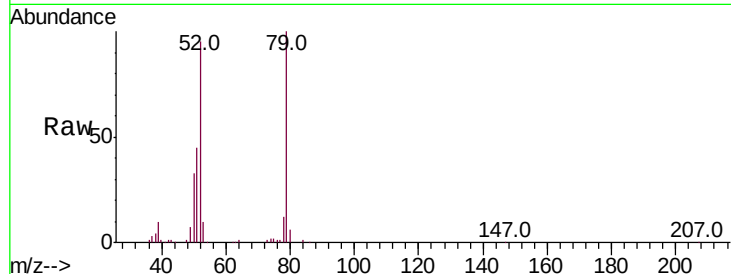
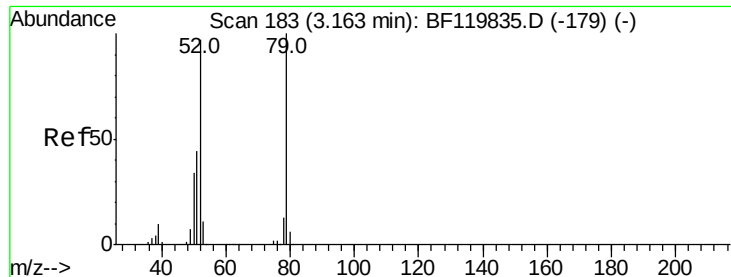
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





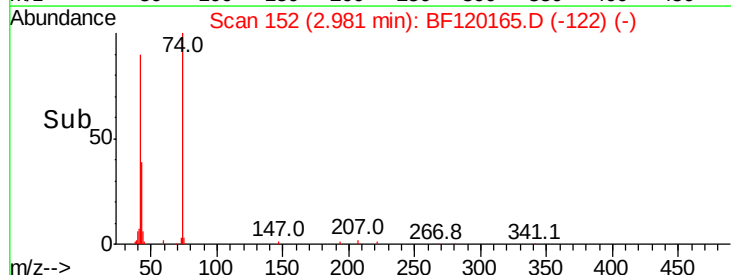
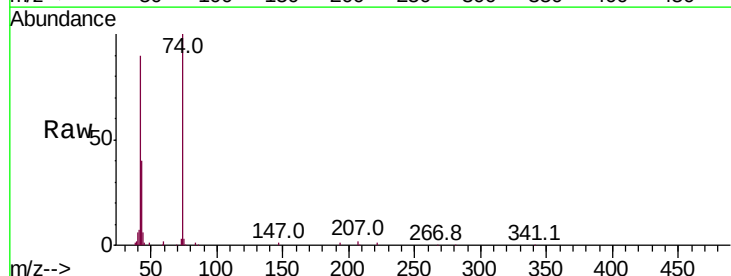
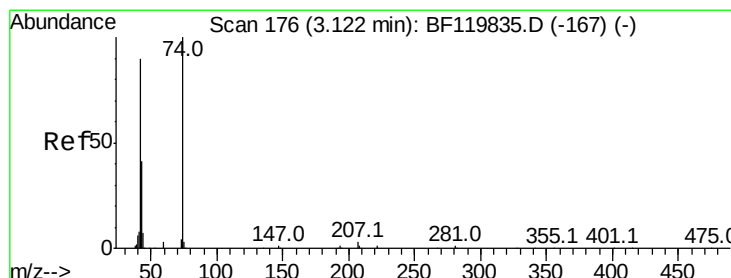
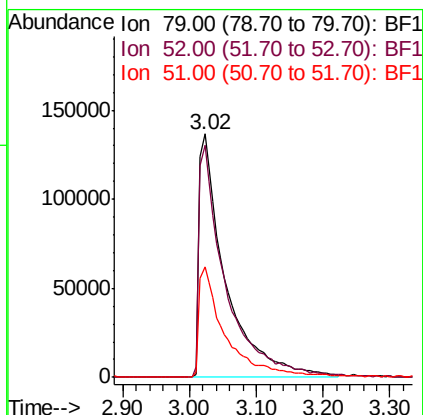
#3
Pvridine
Concen: 38.316 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.08 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	95.5	80.2	120.2
51	45.1	37.7	56.5

Instrument :
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ClientSampleId :
PB128274BS

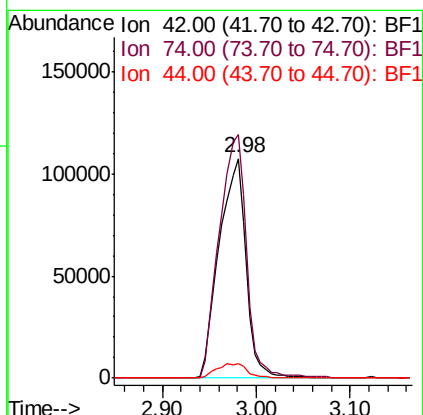
Manual Integrations
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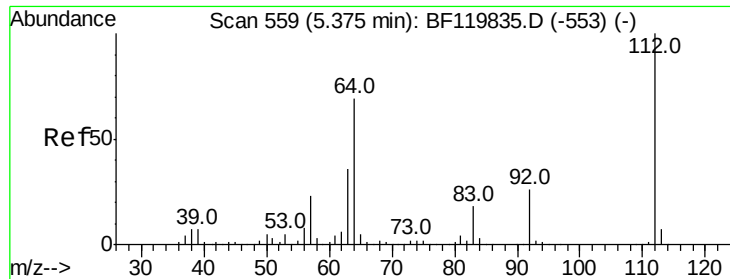
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#4
n-Nitrosodimethylamine
Concen: 44.100 ng
RT: 2.98 min Scan# 152
Delta R.T. 0.08 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.8	91.5	137.3
44	6.9	6.2	9.4





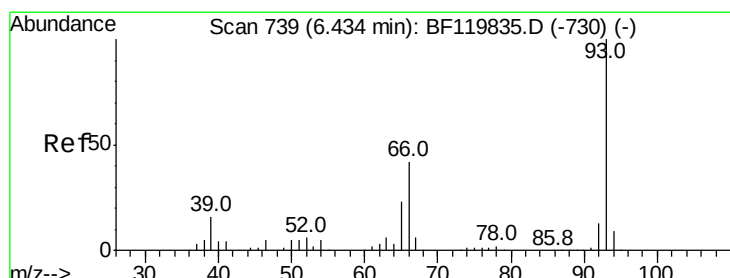
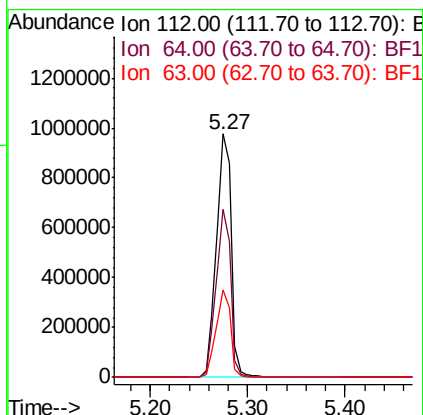
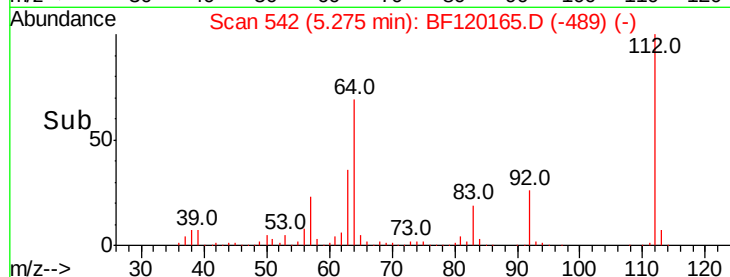
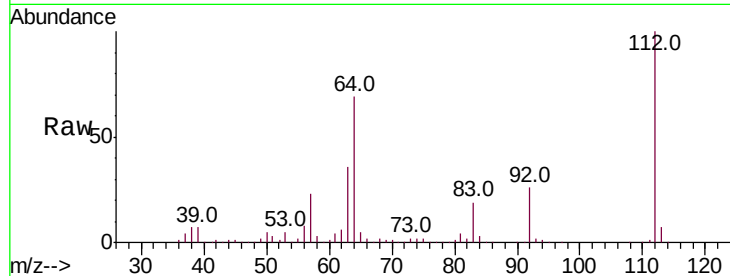
#5
2-Fluorophenol
Concen: 131.499 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.7	85.1
63	35.9	29.5	44.3

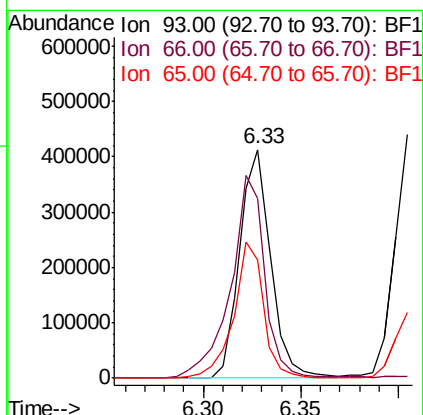
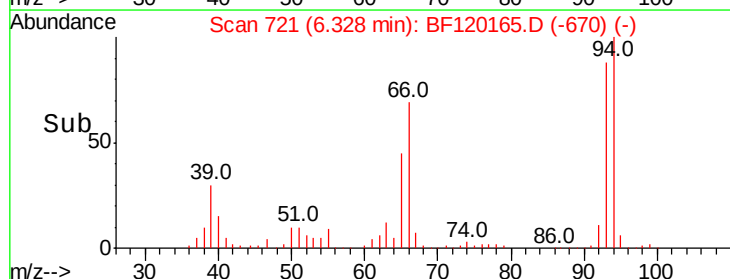
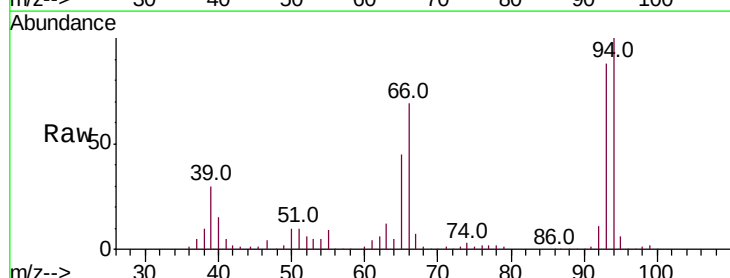
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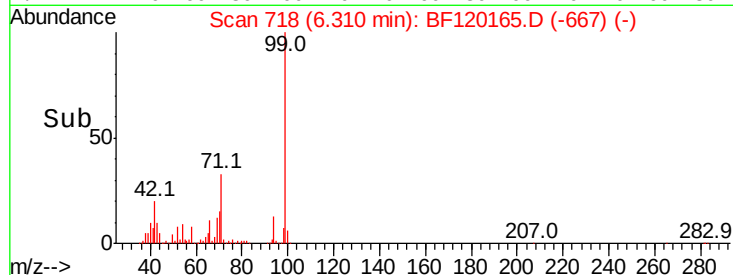
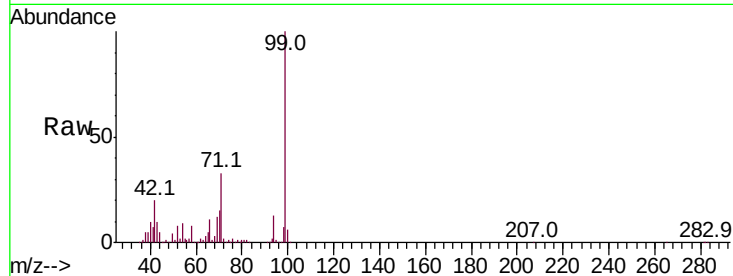
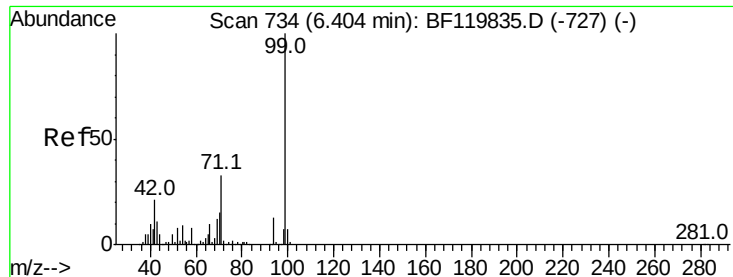
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#6
Aniline
Concen: 34.439 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	78.7	34.9	52.3#
65	51.7	18.6	27.8#





#7

Phenol-d6

Concen: 130.344 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tot Ion: 99 Resp: 1317453

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 33.1 26.4 39.6

Instrument :

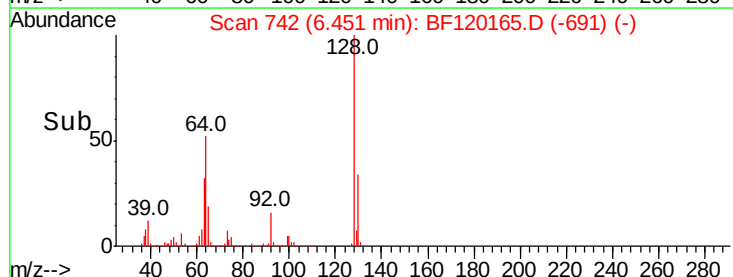
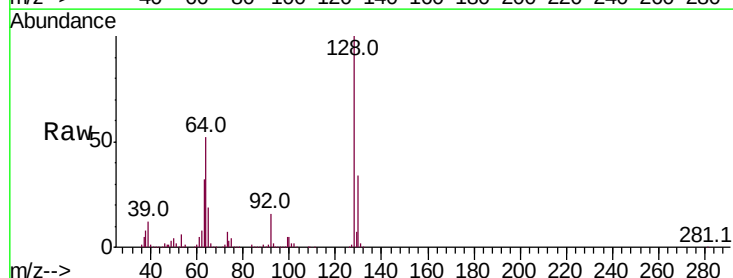
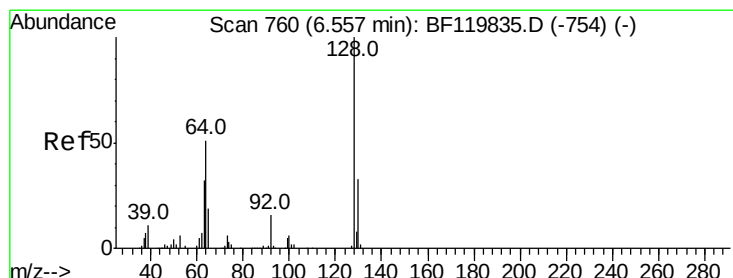
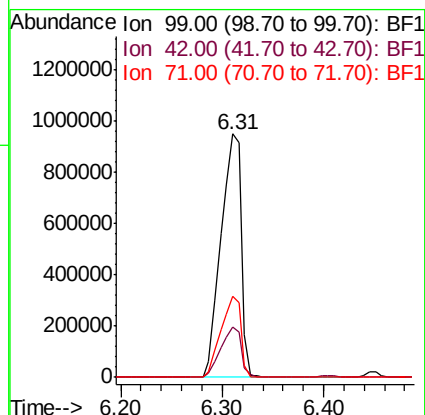
BNA_F

ClientSampleId :

PB128274BS

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#8

2-Chlorophenol

Concen: 47.872 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

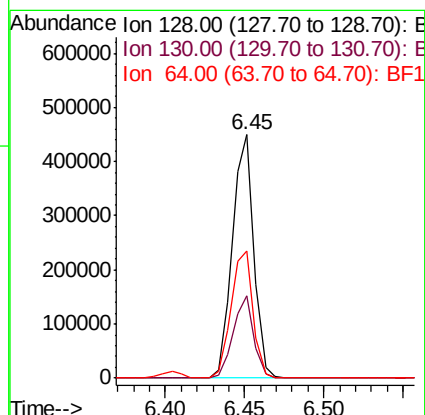
Tgt Ion: 128 Resp: 419572

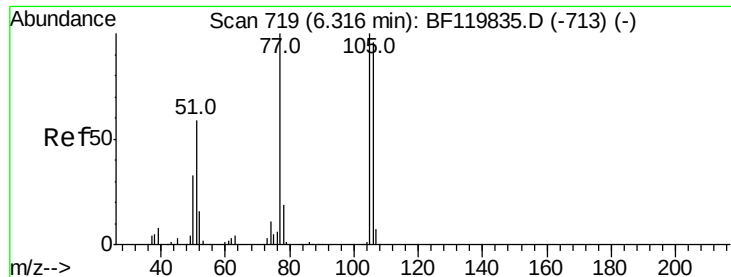
Ion Ratio Lower Upper

128 100

130 33.6 12.6 52.6

64 52.2 35.3 75.3





#9

Benzaldehyde

Concen: 25.714 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

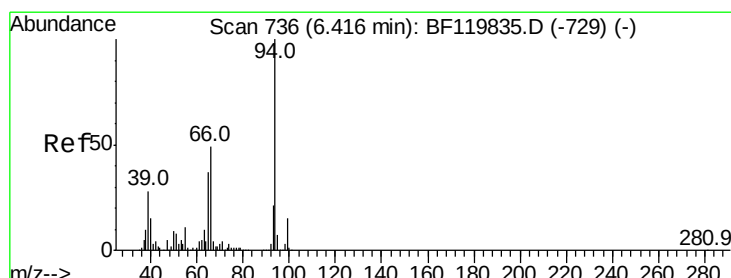
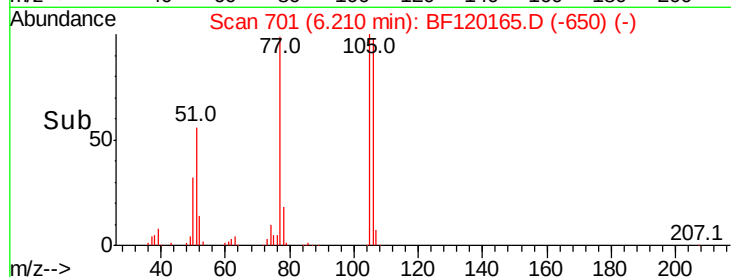
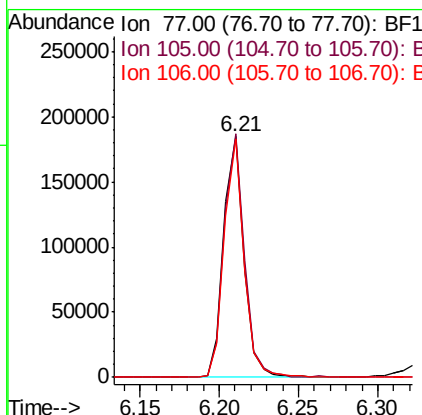
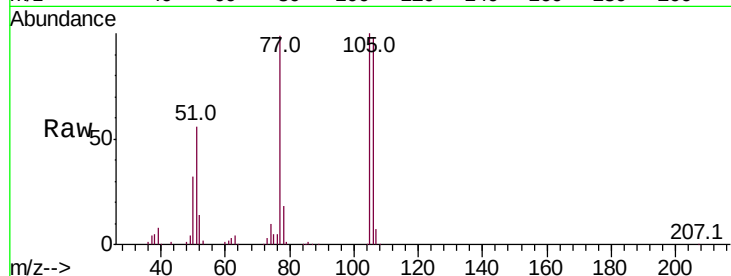
ClientSampleID :

PB128274BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.2	80.9	120.9
106	99.0	77.9	117.9

Manual Integrations
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#10

Phenol

Concen: 46.286 ng

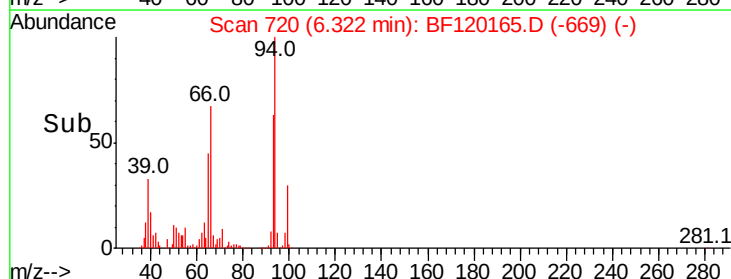
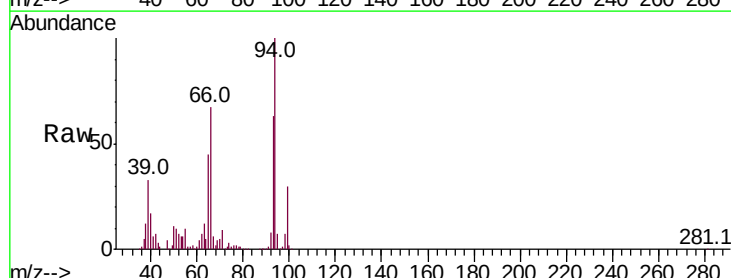
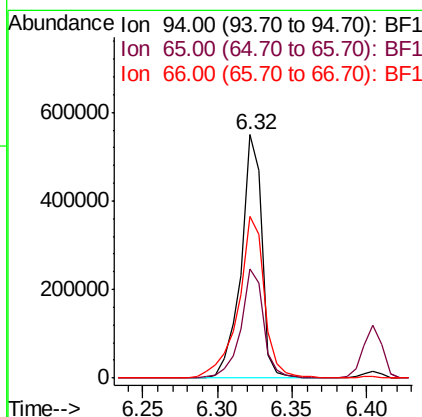
RT: 6.32 min Scan# 720

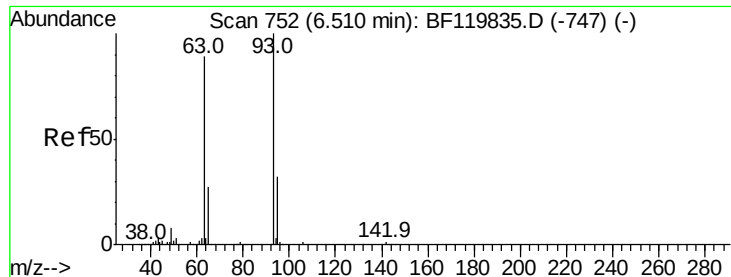
Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.8	13.2	53.2
66	66.6	22.3	62.3





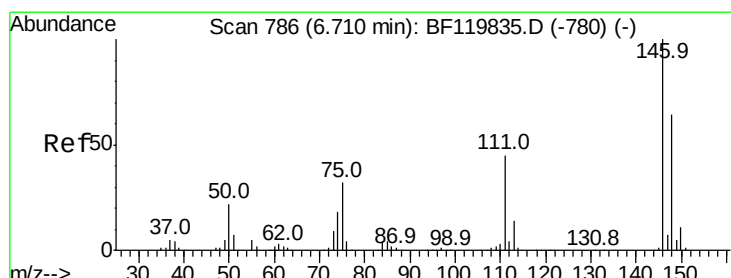
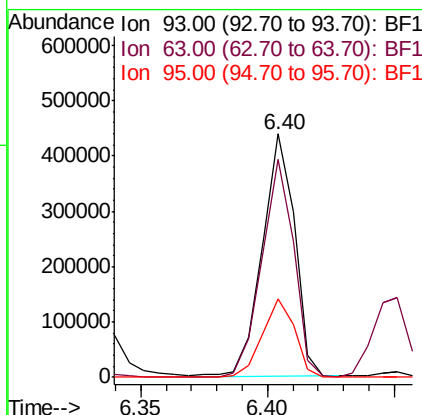
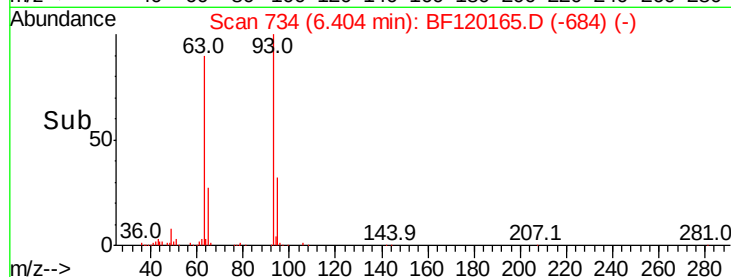
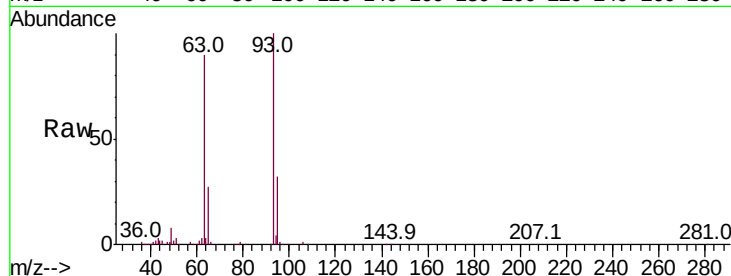
#11
bis(2-Chloroethyl)ether
Concen: 44.503 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	70.2	110.2
95	32.3	13.4	53.4

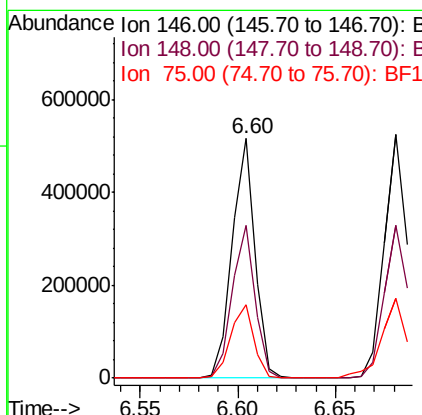
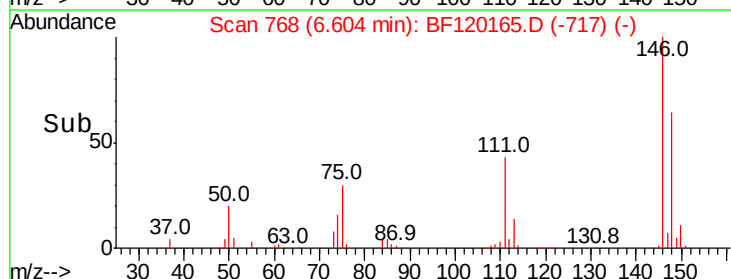
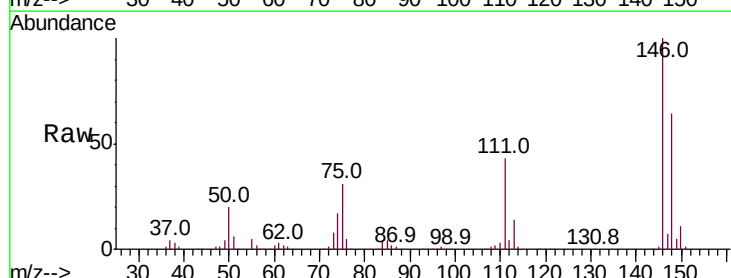
Manual Integrations
APPROVED

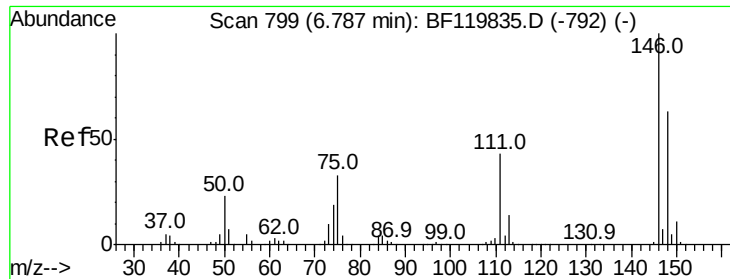
mohammad
4/24/2020 1:34:10 PM



#12
1,3-Dichlorobenzene
Concen: 43.665 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
75	30.8	23.0	34.4





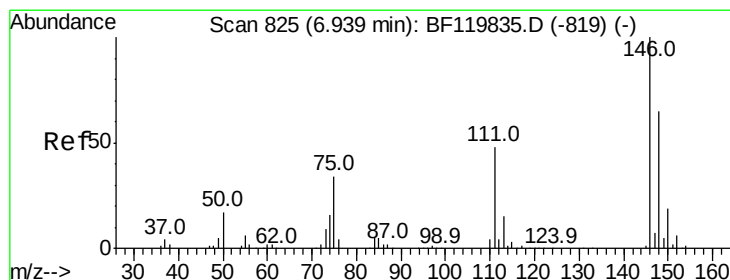
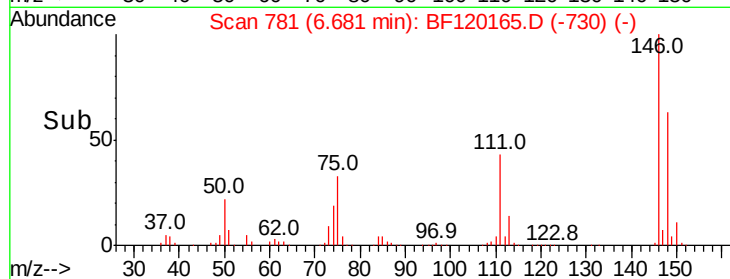
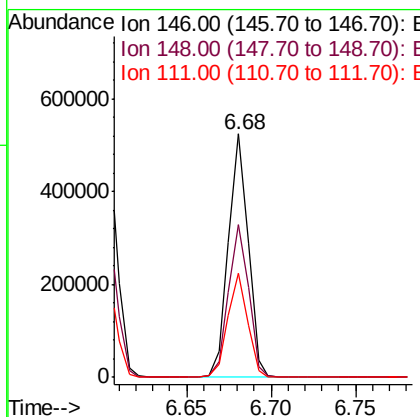
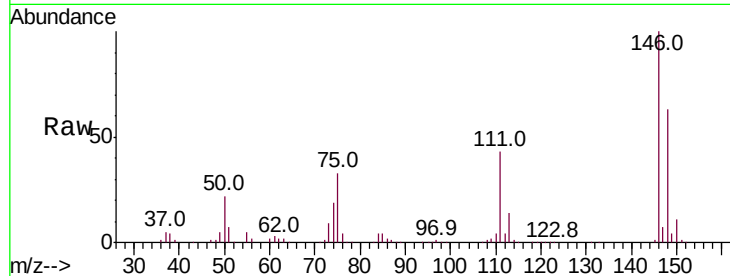
#13
 1,4-Dichlorobenzene
 Concen: 43.581 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.5	77.3
111	42.9	33.3	49.9

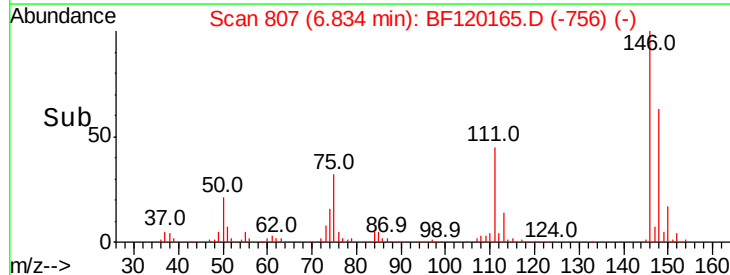
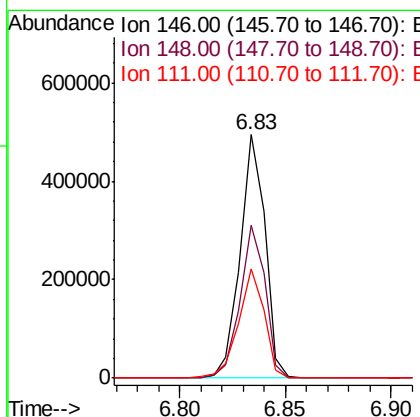
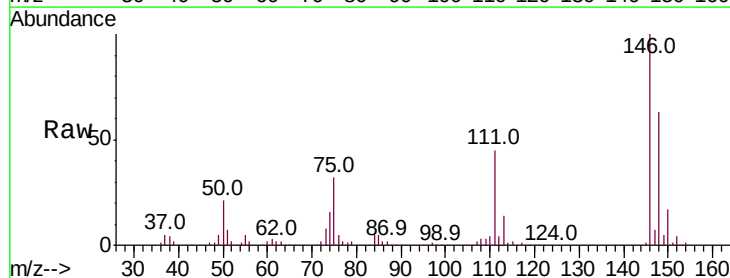
Manual Integrations
 APPROVED

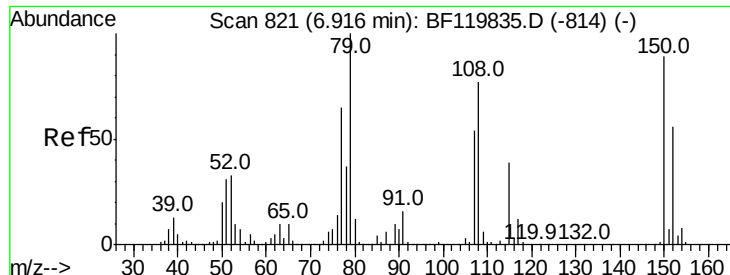
mohammad
 4/24/2020 1:34:10 PM



#14
 1,2-Dichlorobenzene
 Concen: 44.695 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	44.7	36.1	54.1





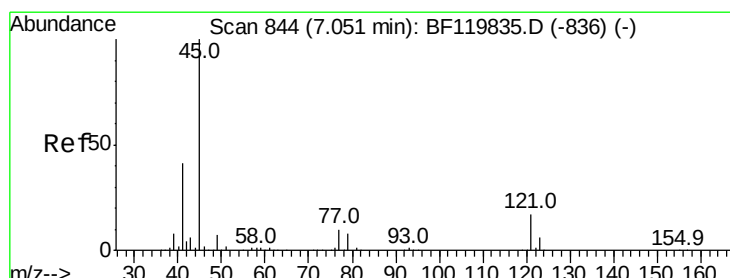
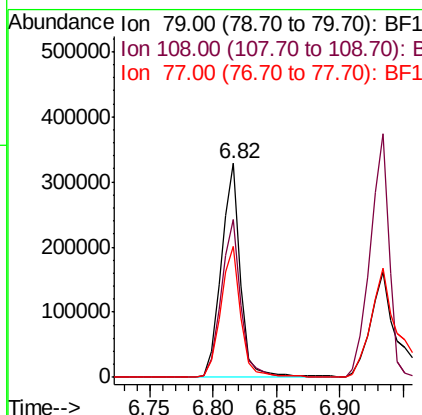
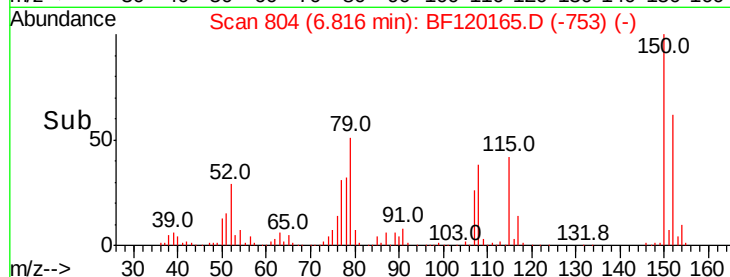
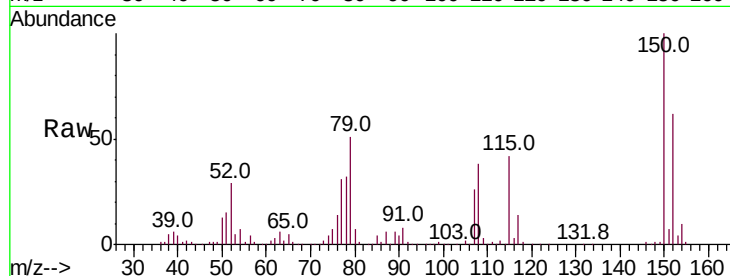
#15
Benzyl Alcohol
Concen: 43.984 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampled :
PB128274BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	60.6	90.8
77	61.3	50.2	75.2

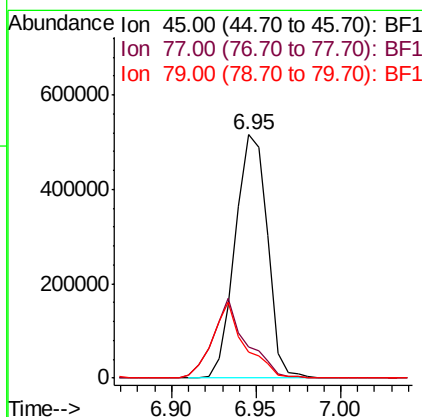
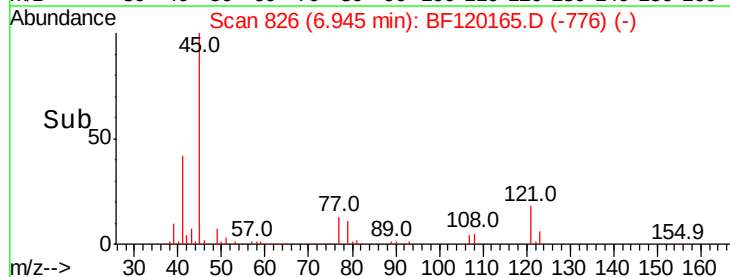
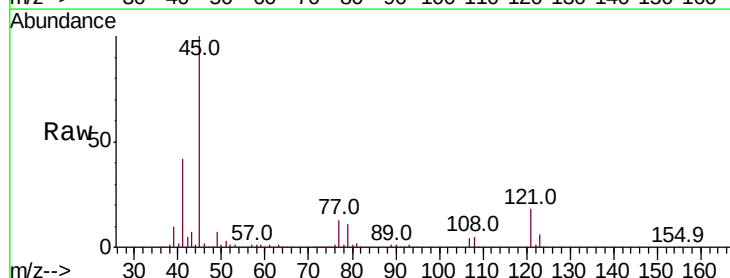
Manual Integrations
APPROVED

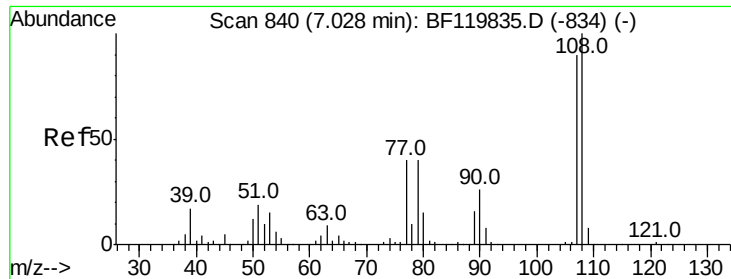
mohammad
4/24/2020 1:34:10 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.890 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	30.7
79	10.8	0.0	28.2





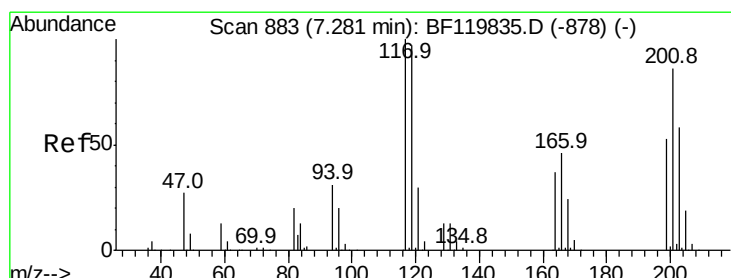
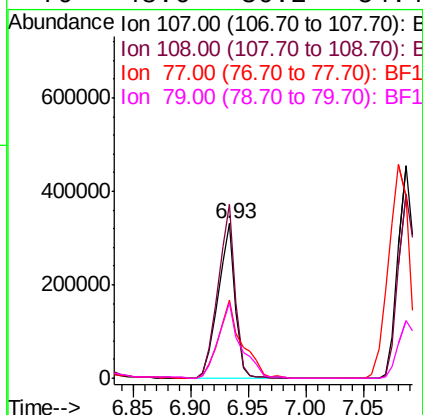
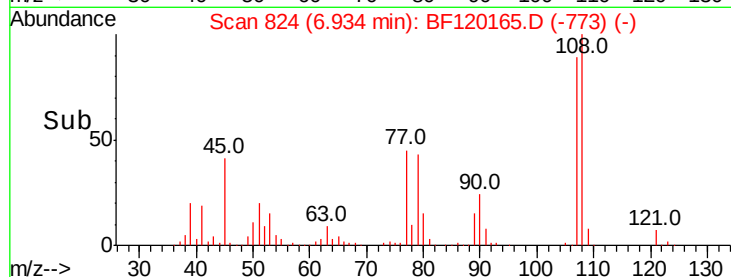
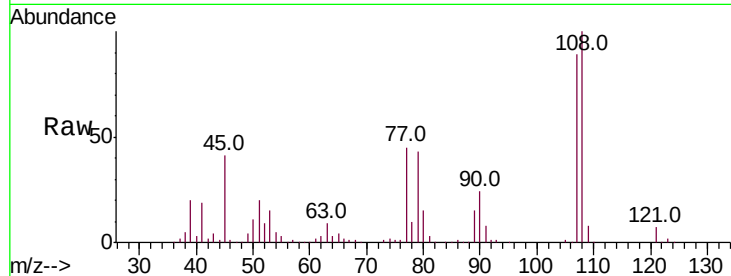
#17
2-Methylphenol
Concen: 44.090 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	92.2	138.4	
77	50.8	36.6	54.8	
79	48.6	36.2	54.4	

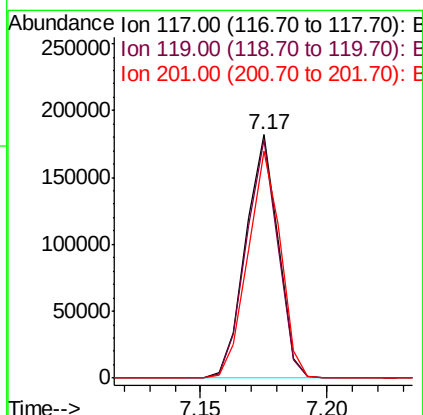
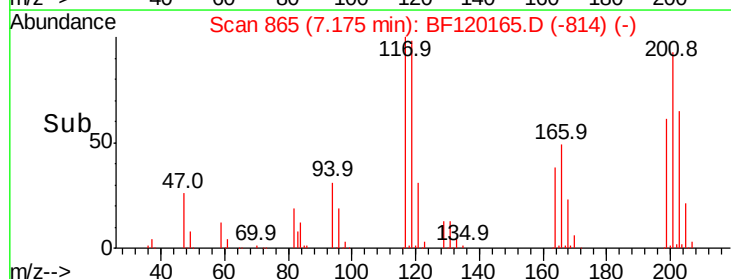
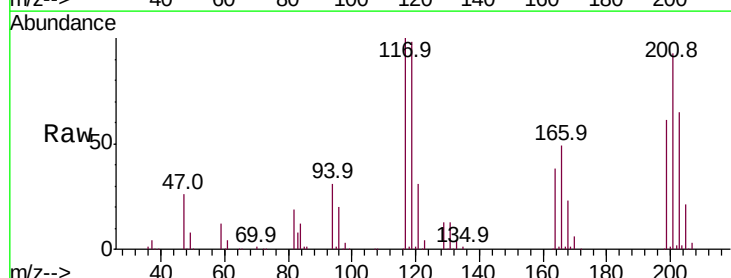
Manual Integrations
APPROVED

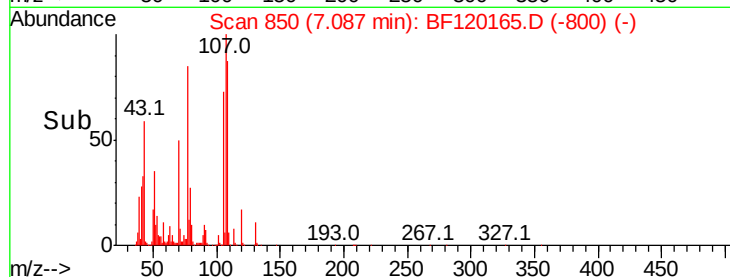
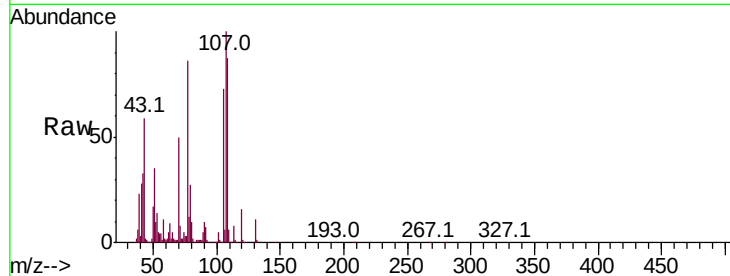
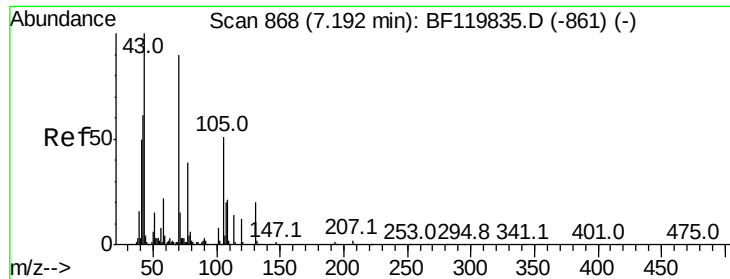
mohammad
4/24/2020 1:34:10 PM



#18
Hexachloroethane
Concen: 44.401 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	76.1	114.1	
201	93.3	73.0	109.6	





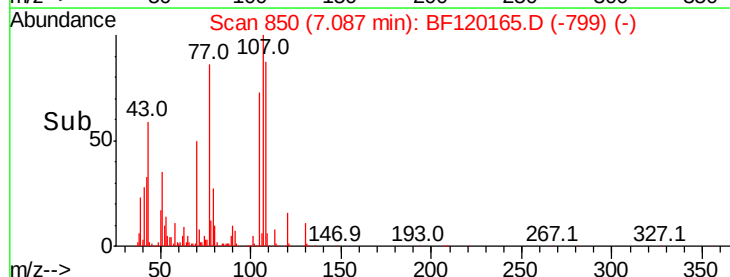
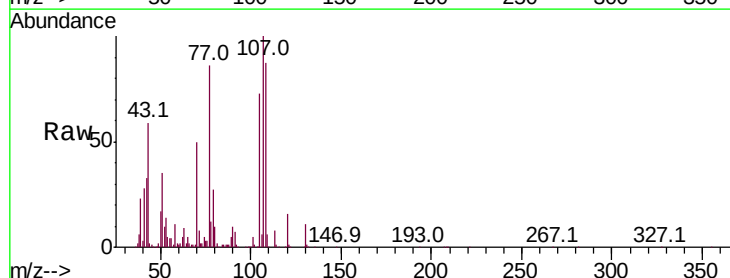
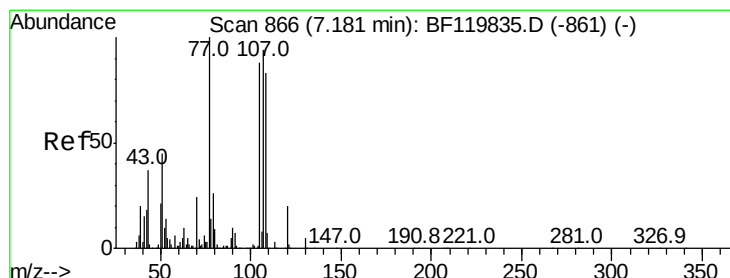
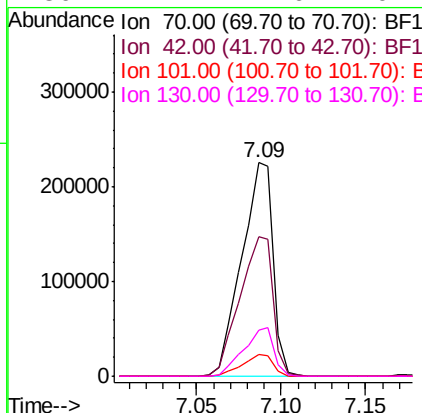
#19
n-Nitroso-di-n-propylamine
Concen: 45.001 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.6	54.5	81.7	
101	9.9	7.6	11.4	
130	21.7	17.6	26.4	

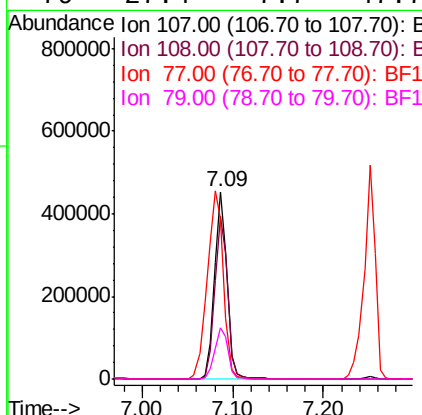
Manual Integrations
APPROVED

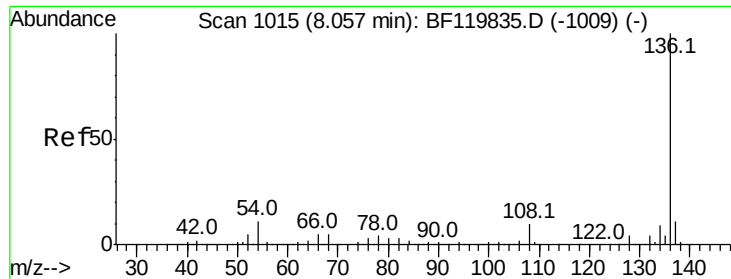
mohammad
4/24/2020 1:34:10 PM



#20
3+4-Methylphenols
Concen: 45.465 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.9	67.9	107.9	
77	85.6	52.9	92.9	
79	27.4	7.7	47.7	





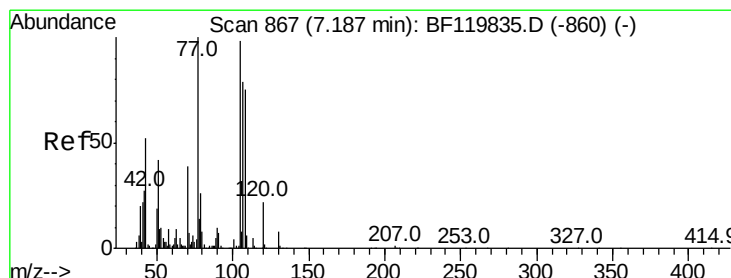
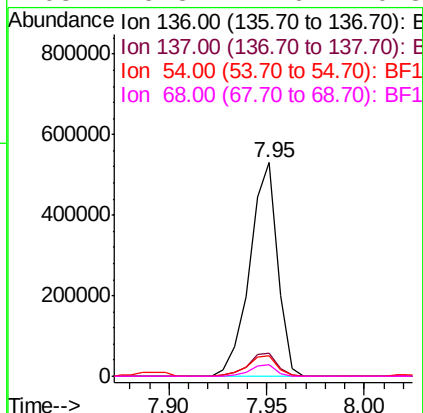
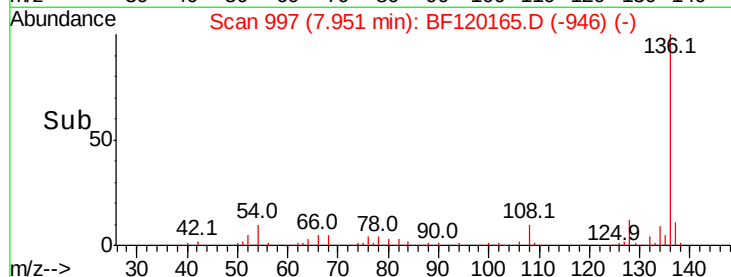
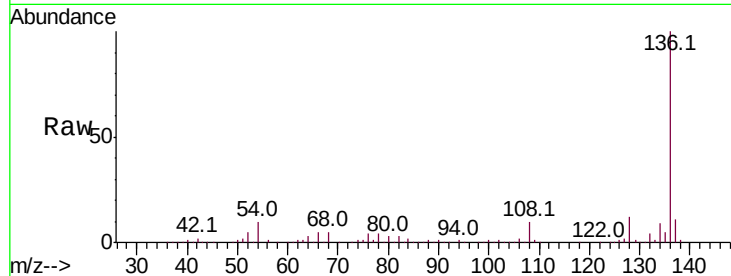
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	9.7	9.1	13.7	
68	5.3	4.6	6.8	

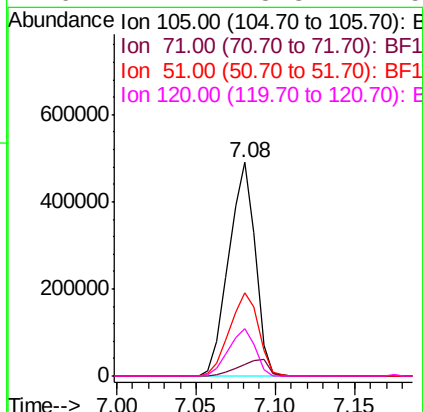
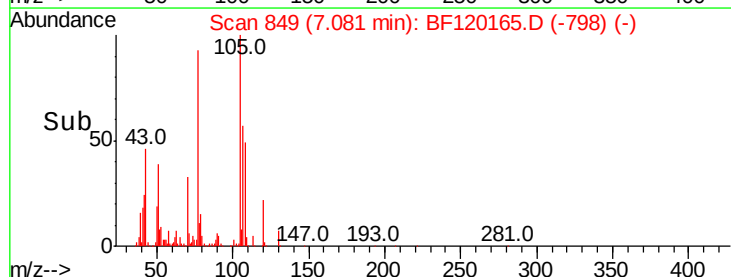
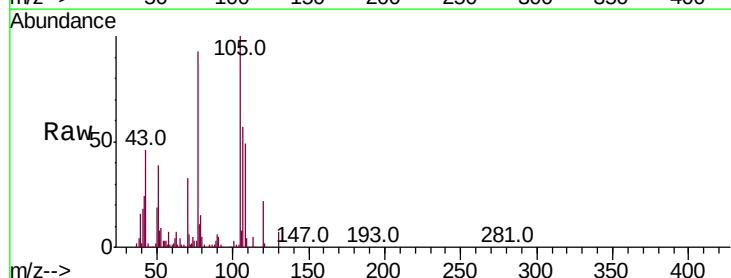
Manual Integrations
APPROVED

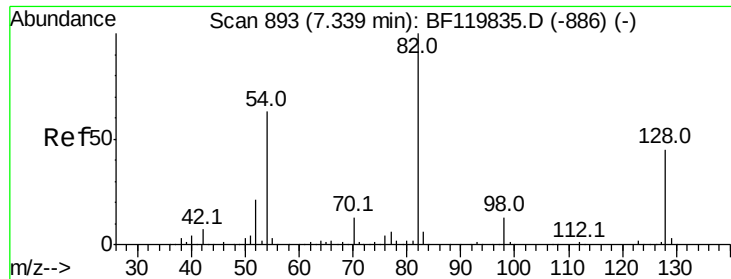
mohammad
4/24/2020 1:34:10 PM



#22
Acetophenone
Concen: 46.297 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.6	5.7	8.5#	
51	39.3	26.2	39.4	
120	22.1	18.3	27.5	





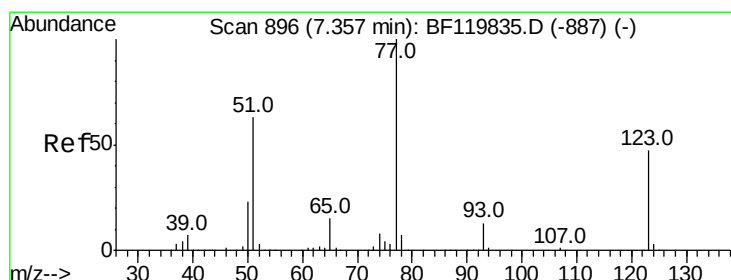
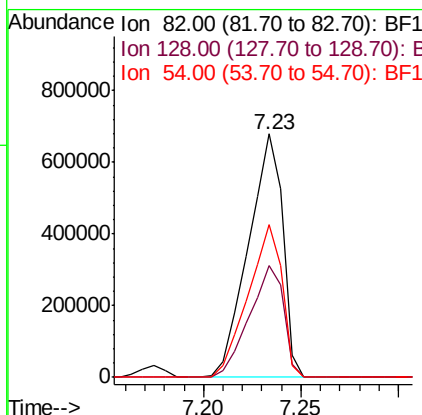
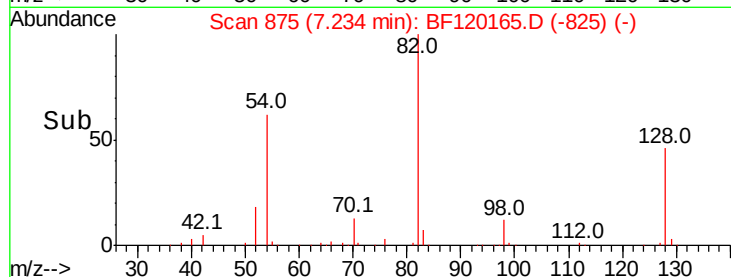
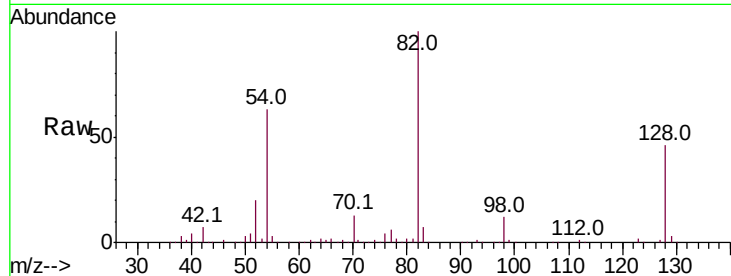
#23
 Nitrobenzene-d5
 Concen: 81.525 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:	82	Resp:	826683
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.3	54.5
54	62.7	50.6	75.8

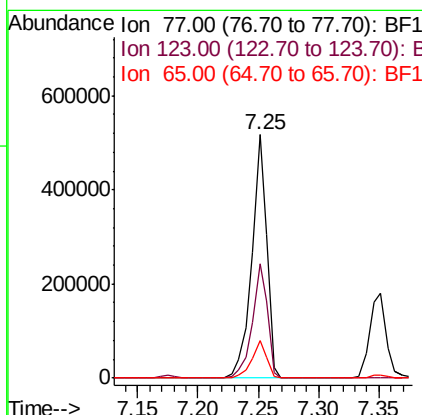
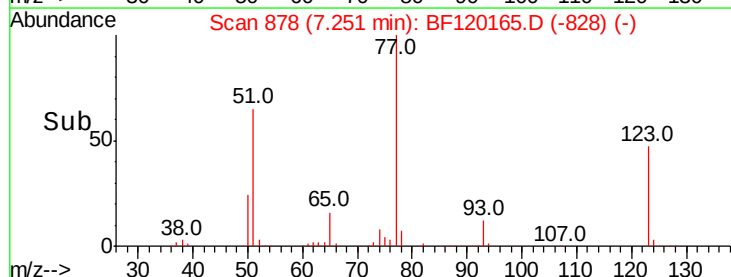
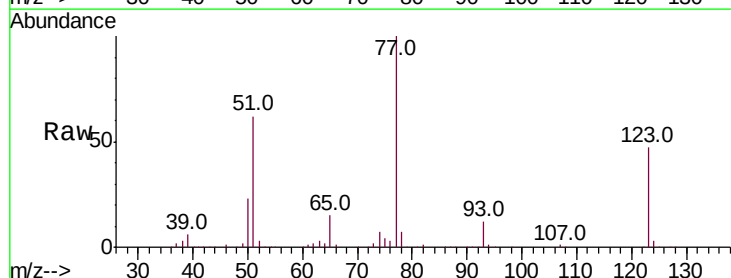
Manual Integrations
 APPROVED

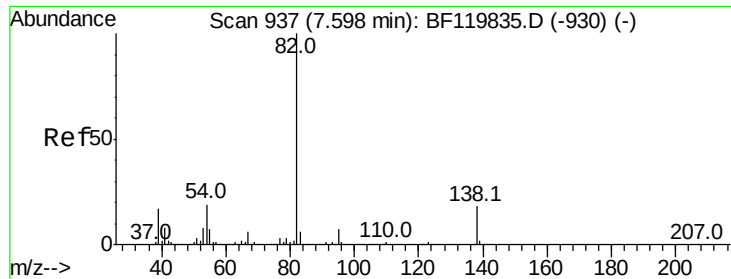
mohammad
 4/24/2020 1:34:10 PM



#24
 Nitrobenzene
 Concen: 44.039 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:	77	Resp:	449225
Ion Ratio	Lower	Upper	
77	100		
123	47.0	38.0	57.0
65	15.3	12.6	18.8





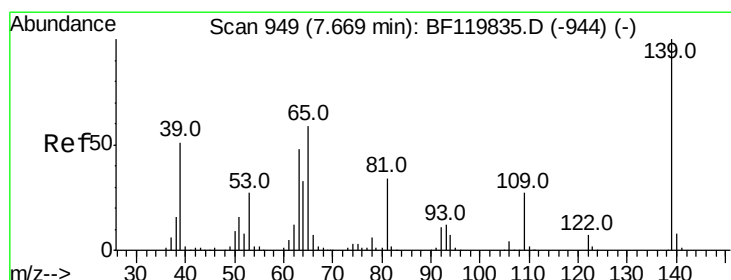
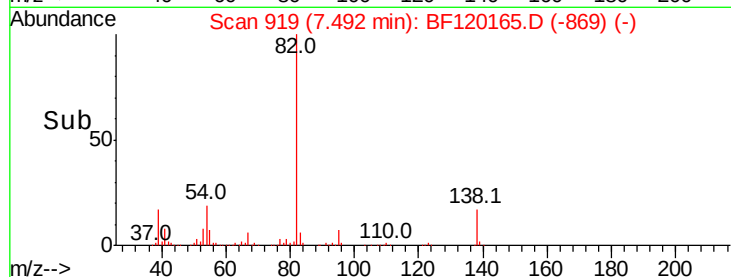
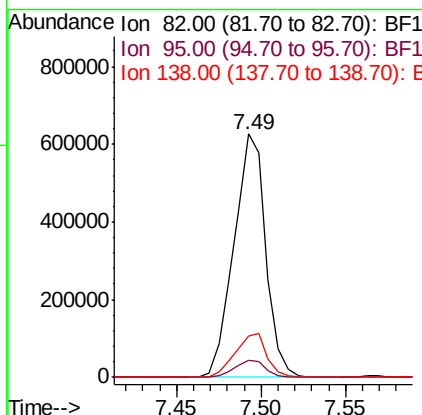
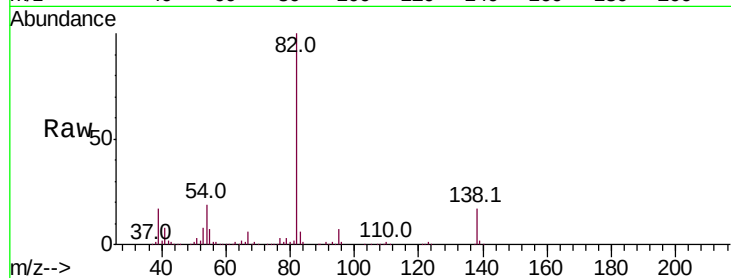
#25
Isophorone
Concen: 41.945 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.0	5.8	8.6	
138	17.0	14.6	21.8	

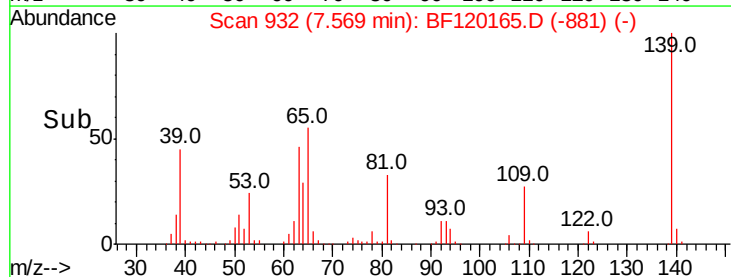
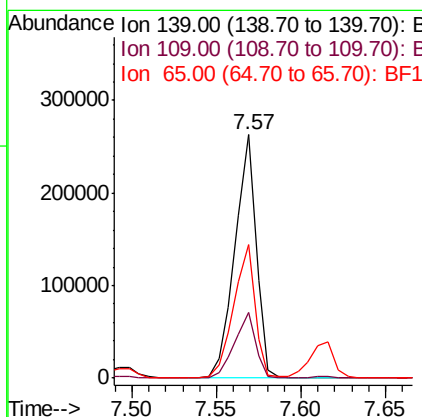
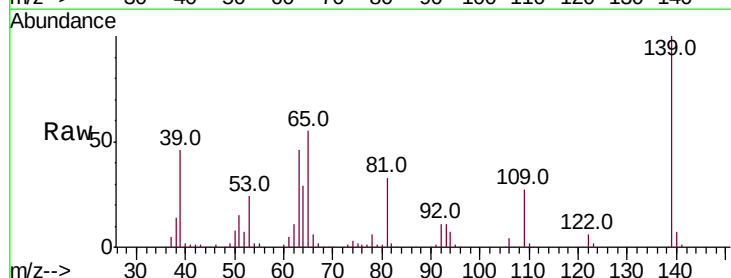
Manual Integrations
APPROVED

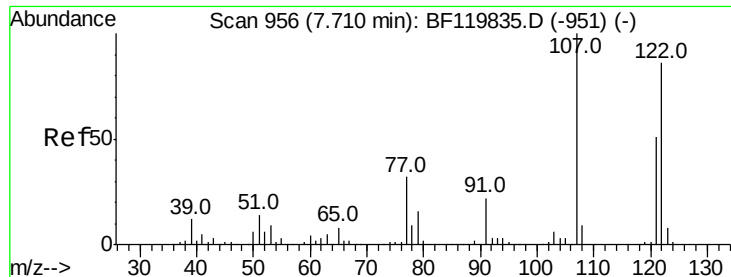
mohammad
4/24/2020 1:34:10 PM



#26
2-Nitrophenol
Concen: 45.571 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	26.9	22.1	33.1	
65	54.9	49.2	73.8	





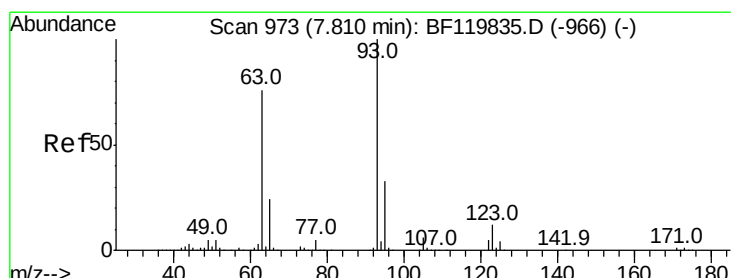
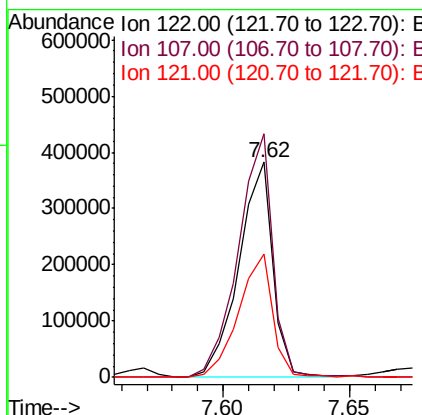
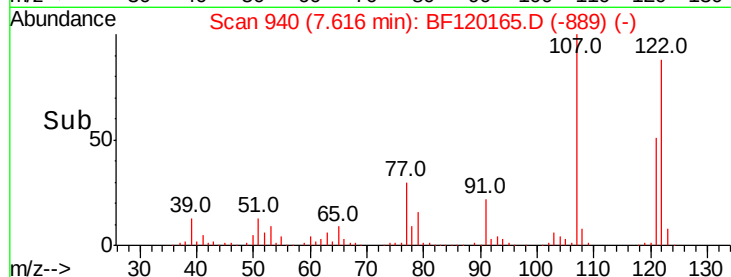
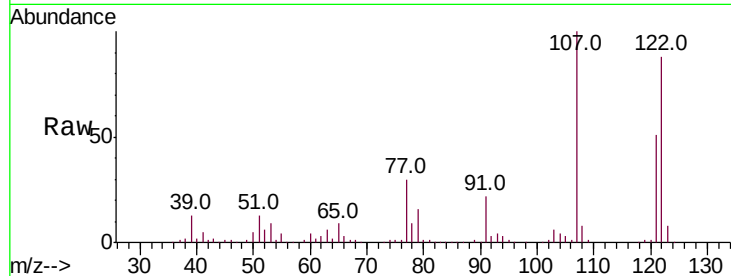
#27
2,4-Dimethylphenol
Concen: 46.608 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	358235		
107	113.2	89.0	133.6	
121	57.3	46.7	70.1	

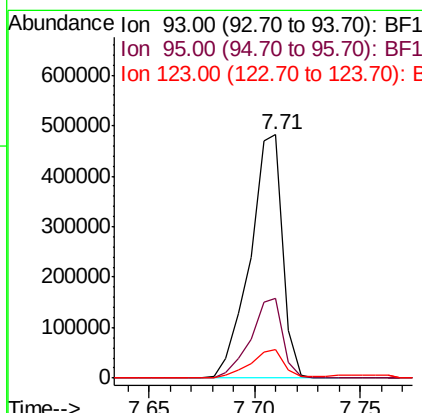
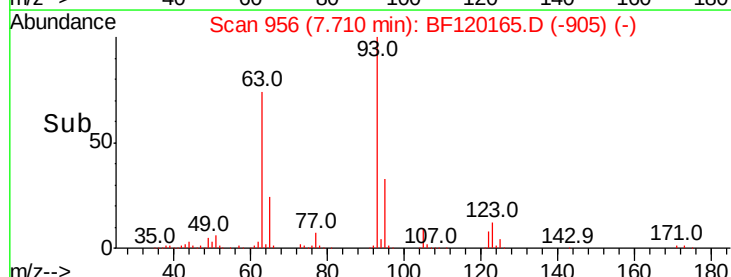
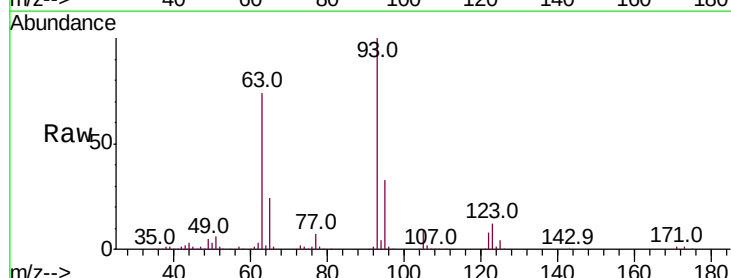
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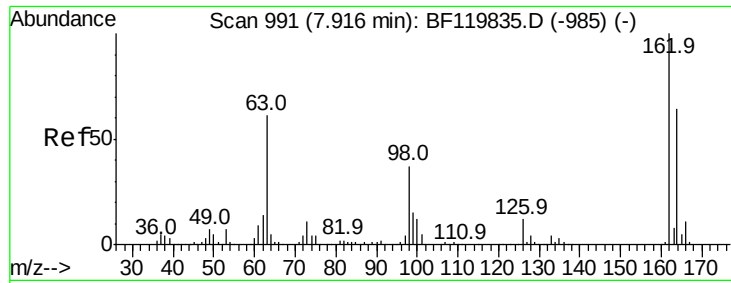
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.855 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	515945		
95	32.7	26.3	39.5	
123	12.0	9.7	14.5	





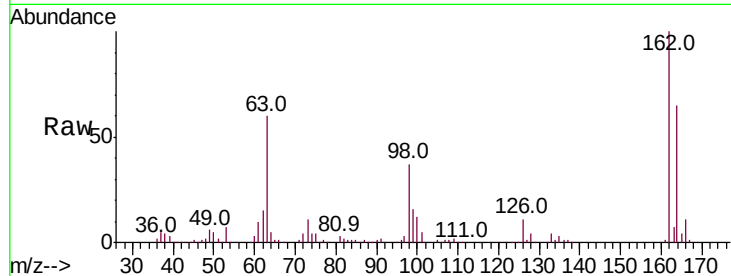
#29
 2,4-Dichlorophenol
 Concen: 44.604 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

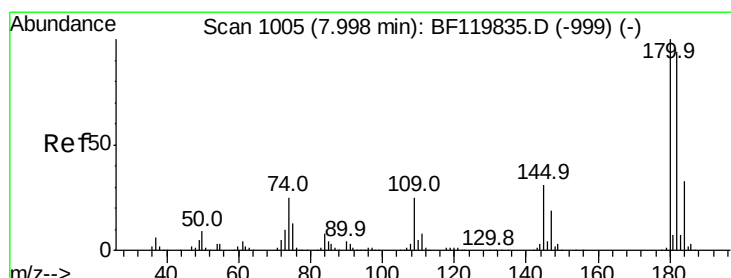
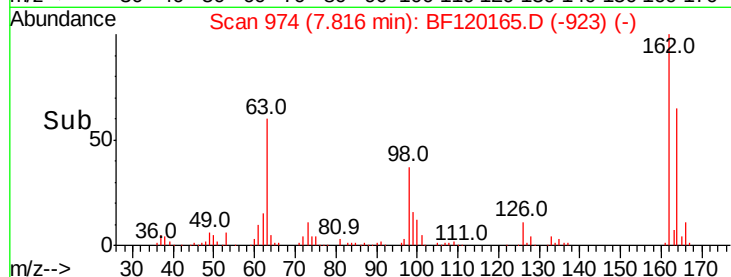
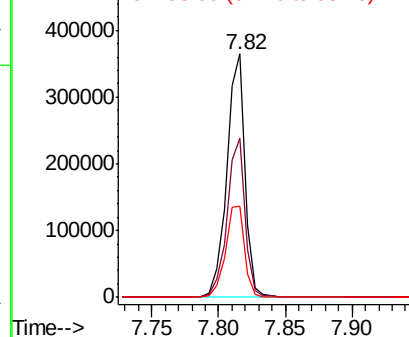
Tot Ion:	162	Resp:	351412
Ion Ratio	Lower	Upper	
162	100		
164	65.5	44.7	84.7
98	37.3	20.7	60.7

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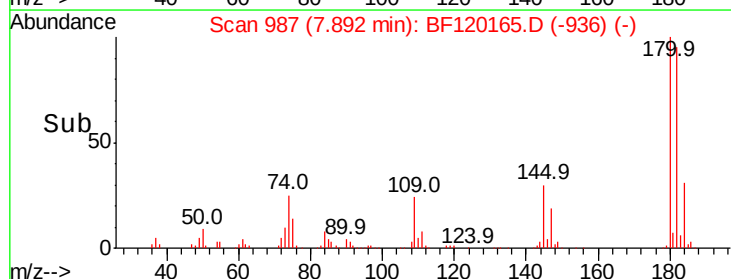
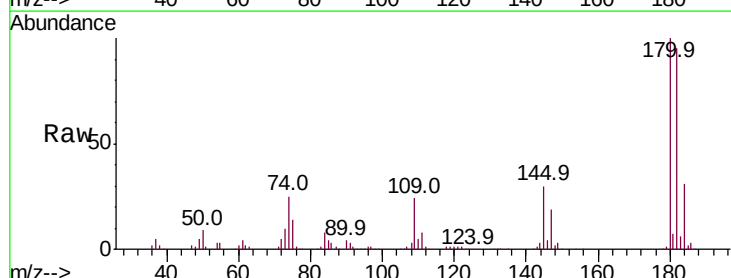
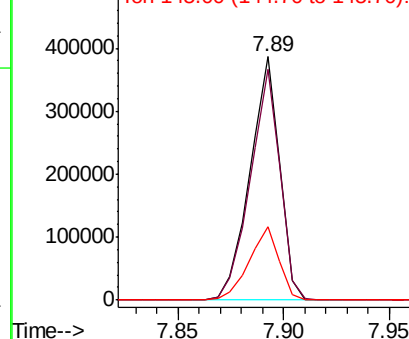
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

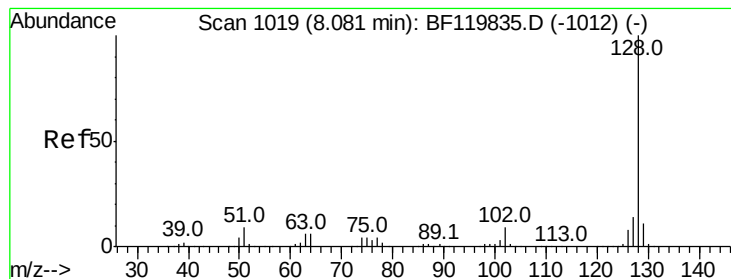


#30
 1,2,4-Trichlorobenzene
 Concen: 42.174 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:	180	Resp:	376486
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.7	112.1
145	30.3	24.5	36.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.807 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:128 Resp: 1209095

Ion Ratio Lower Upper

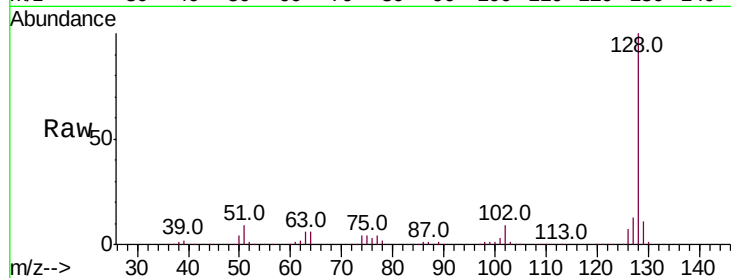
128 100

129 11.0 9.5 14.3

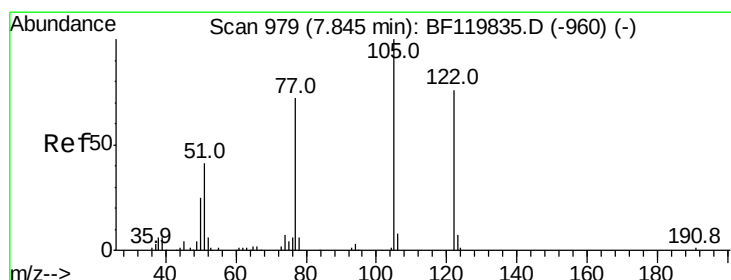
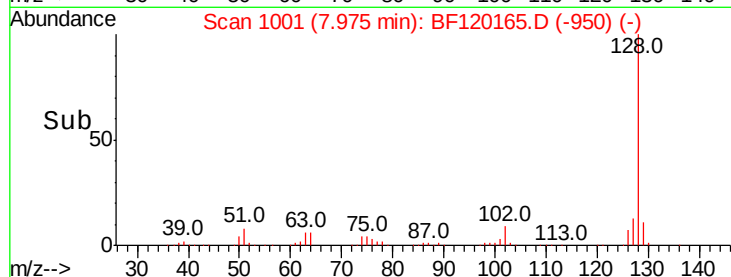
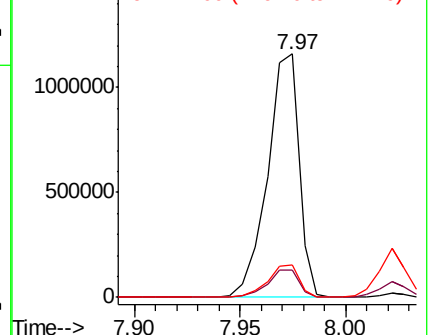
127 13.3 11.3 16.9

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



#32

Benzoic acid

Concen: 40.321 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

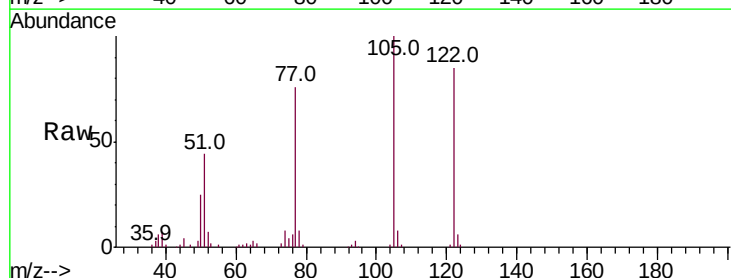
Tgt Ion:122 Resp: 272182

Ion Ratio Lower Upper

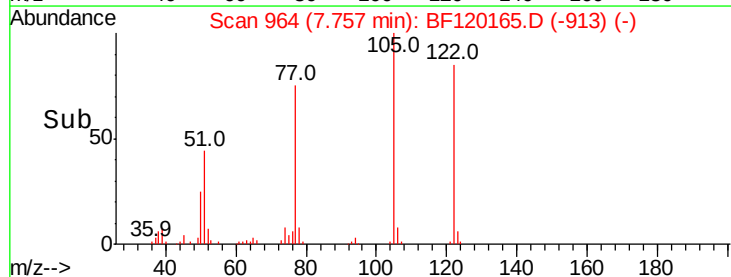
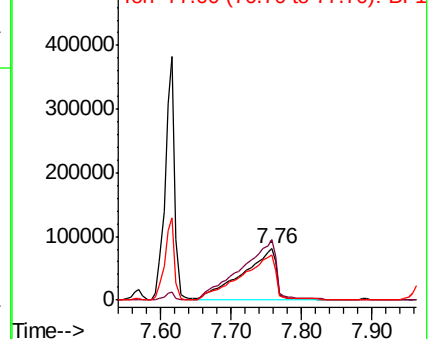
122 100

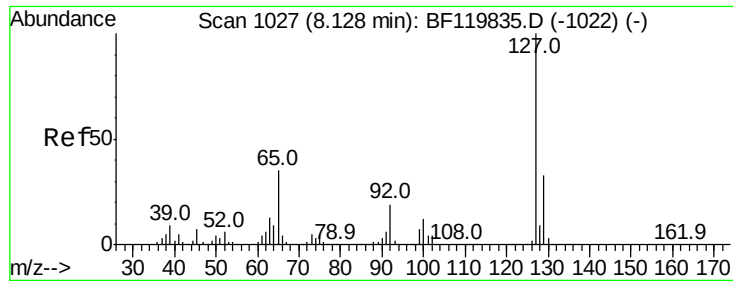
105 117.5 104.9 144.9

77 89.3 74.4 114.4



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





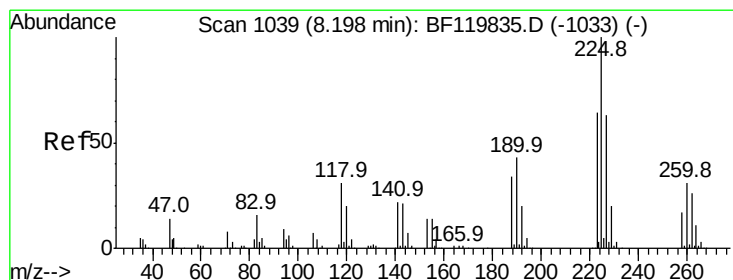
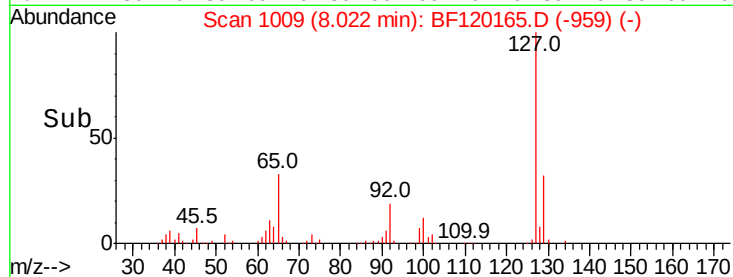
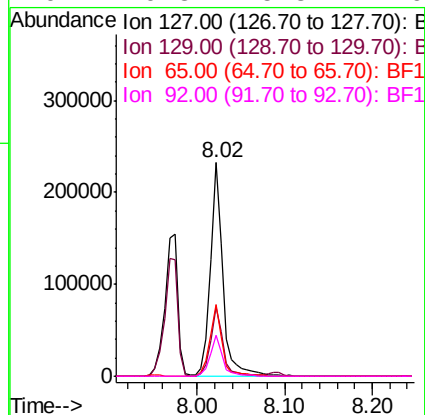
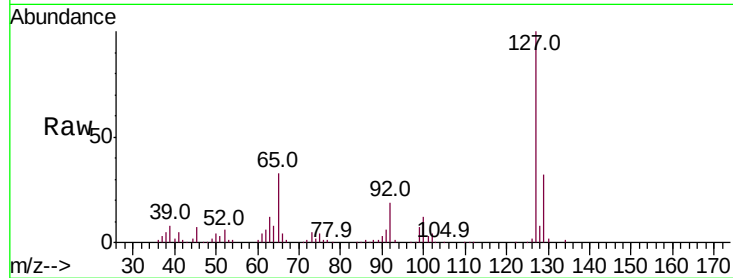
#33
4-Chloroaniline
Concen: 19.394 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.2	39.4	
65	33.4	27.4	41.0	
92	19.3	15.3	22.9	

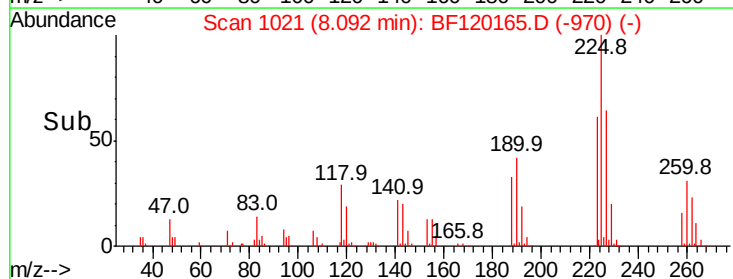
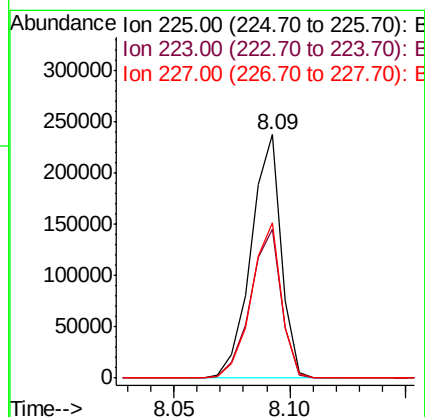
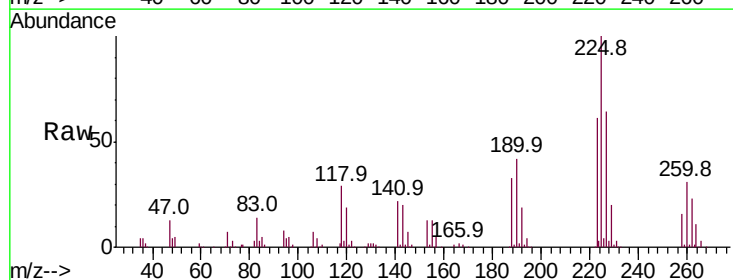
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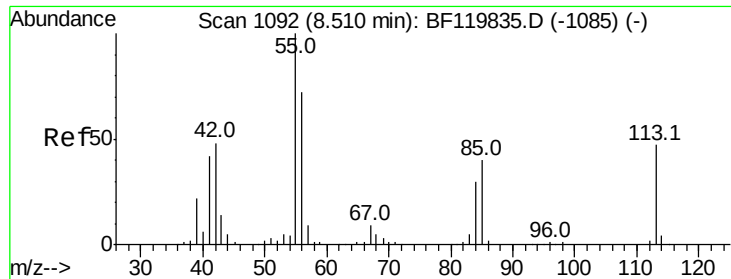
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#34
Hexachlorobutadiene
Concen: 40.548 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	51.0	76.6	
227	64.0	50.7	76.1	





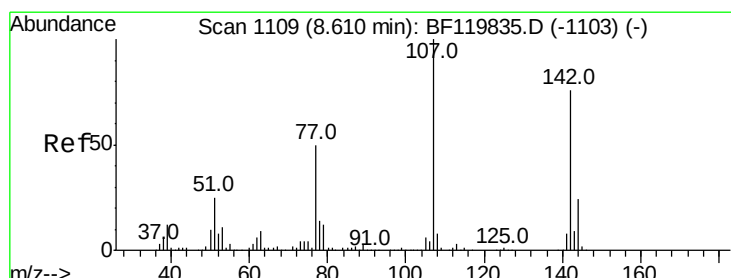
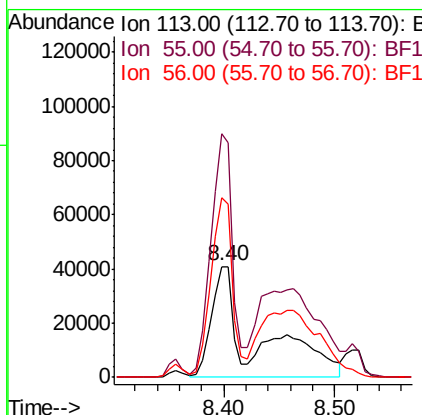
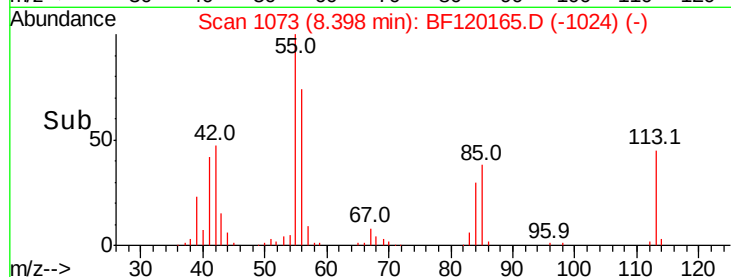
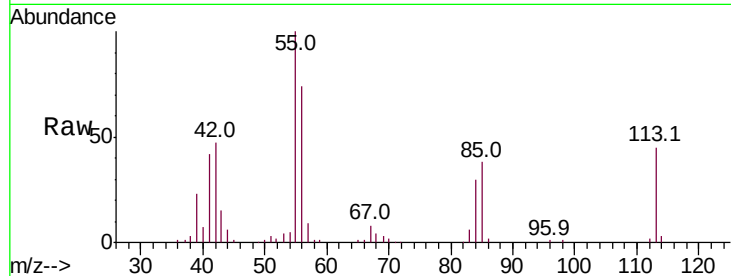
#35
 Caprolactam
 Concen: 46.662 ng/ml
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleID :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.0	218.4	258.4
56	162.5	148.9	188.9

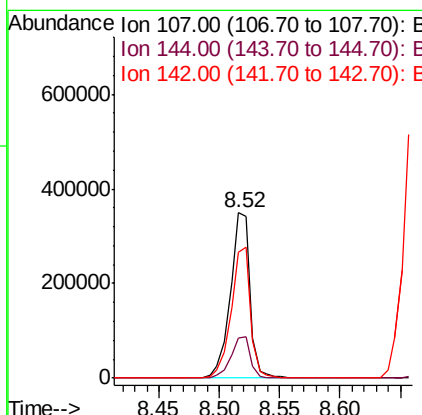
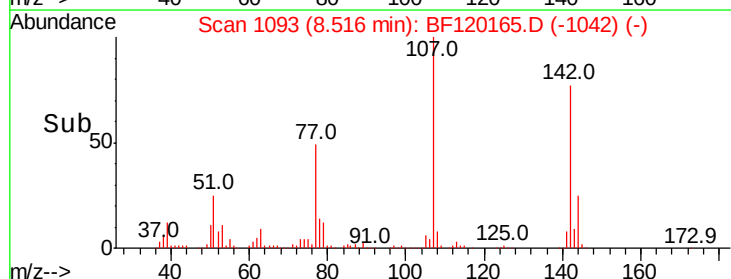
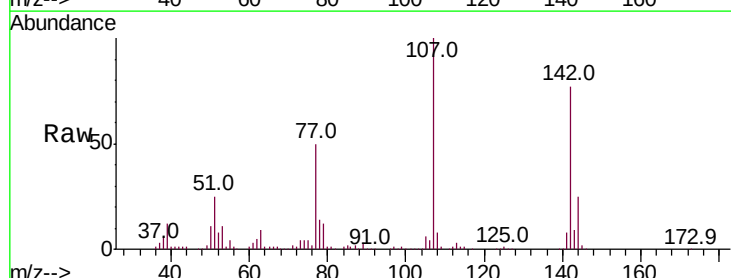
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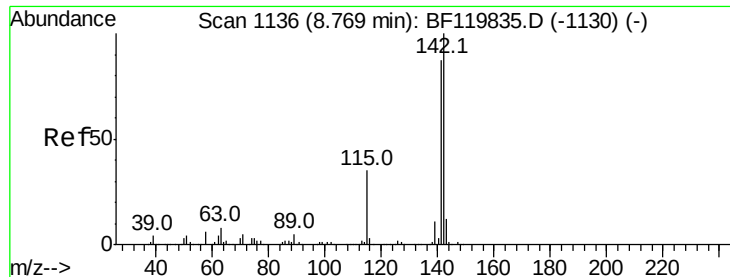
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#36
 4-Chloro-3-methylphenol
 Concen: 46.467 ng/ml
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.0	31.6
142	76.5	64.4	96.6





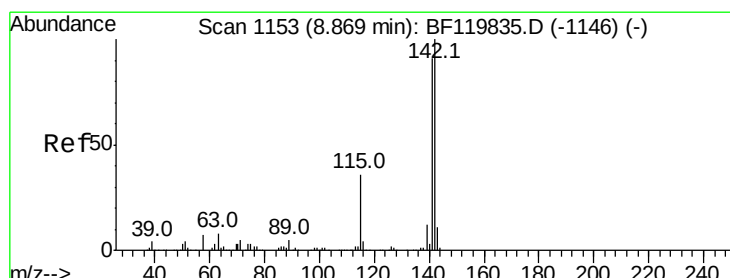
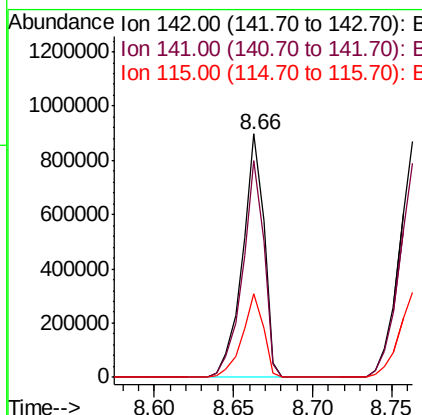
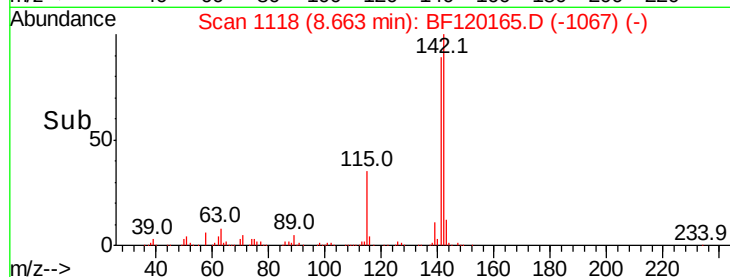
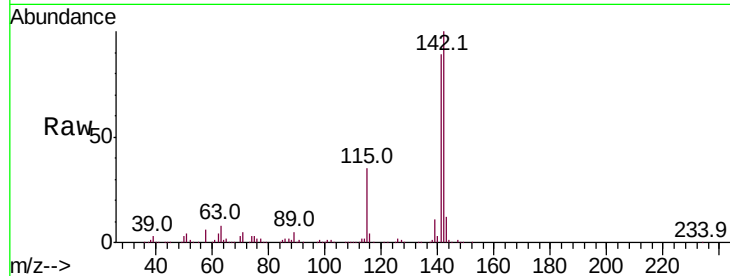
#37
2-Methylnaphthalene
Concen: 44.886 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	34.5	27.9	41.9

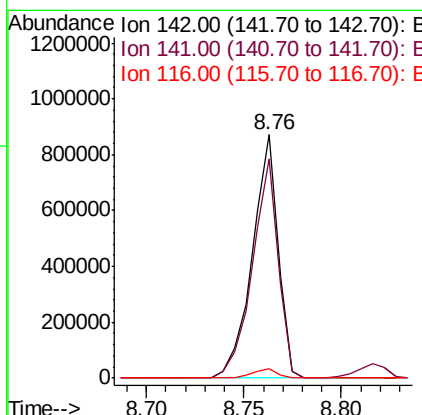
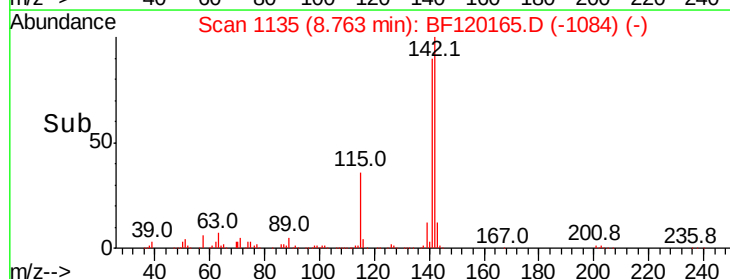
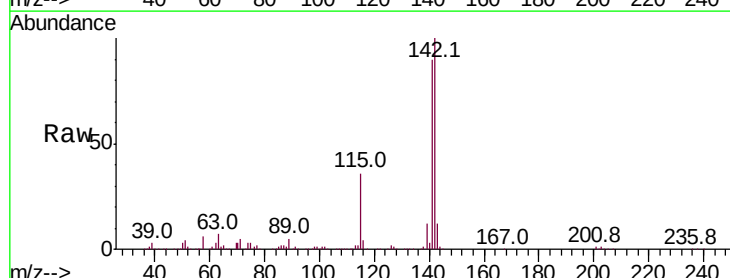
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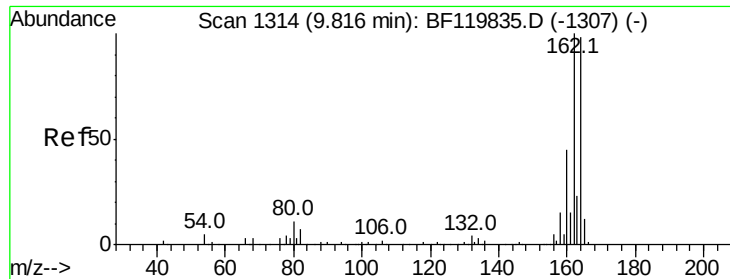
mohammad
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#38
1-Methylnaphthalene
Concen: 45.246 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.8	3.0	4.6





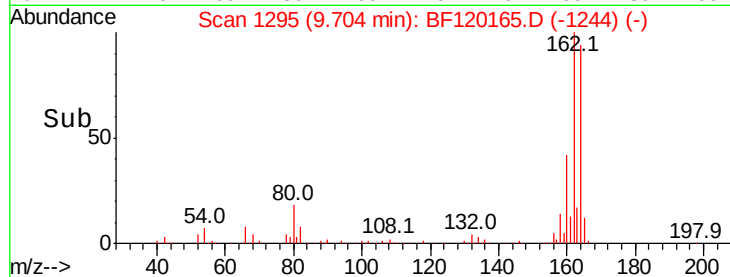
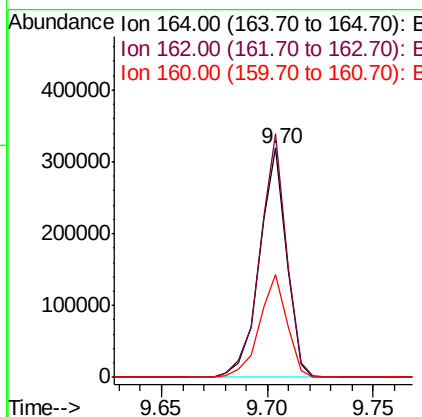
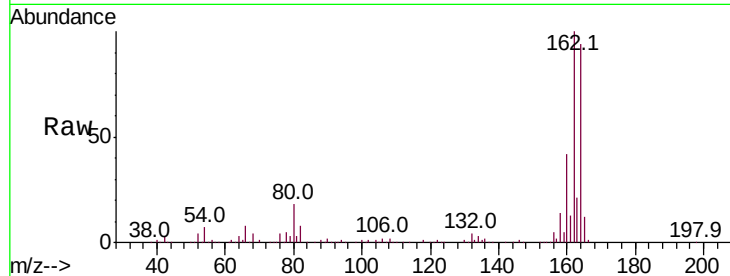
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	284640		
162	106.1	80.6	121.0	
160	45.1	35.7	53.5	

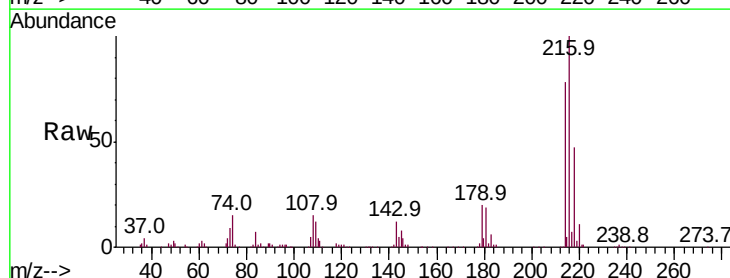
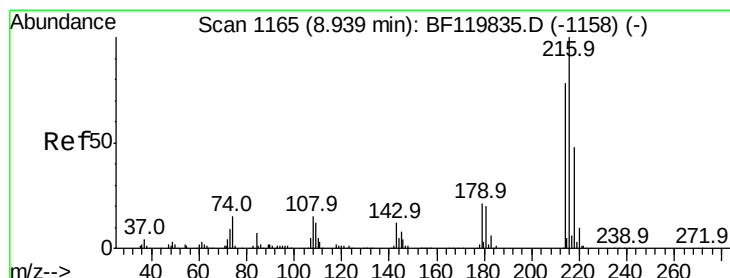
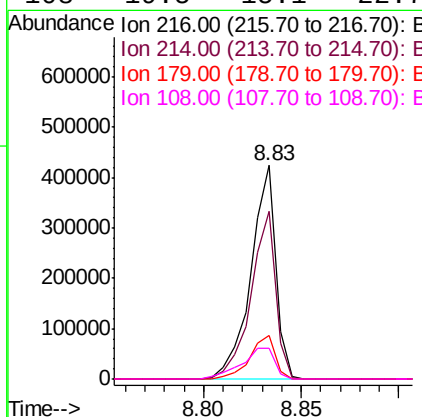
Manual Integrations
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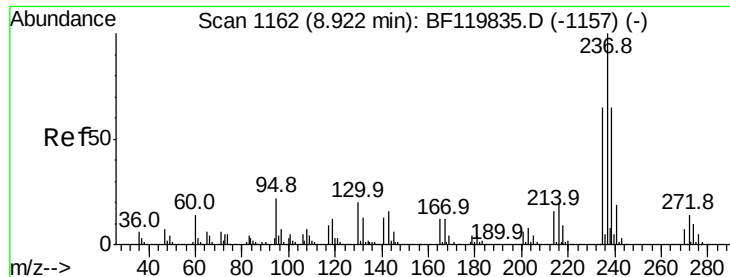
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.750 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	375343		
214	78.3	63.2	94.8	
179	20.8	17.1	25.7	
108	19.5	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 77.108 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

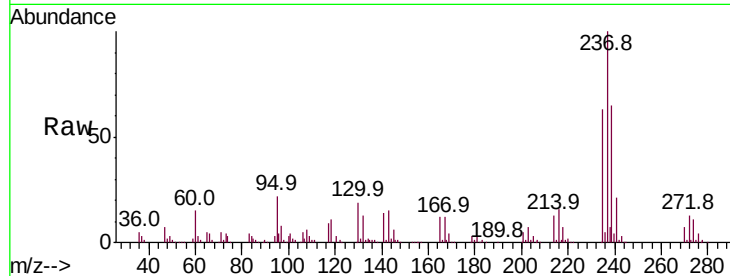
ClientSampleId :

PB128274BS

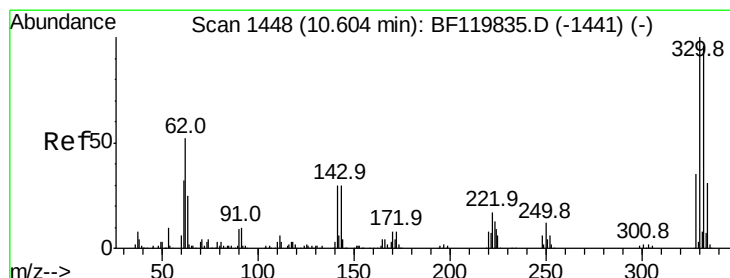
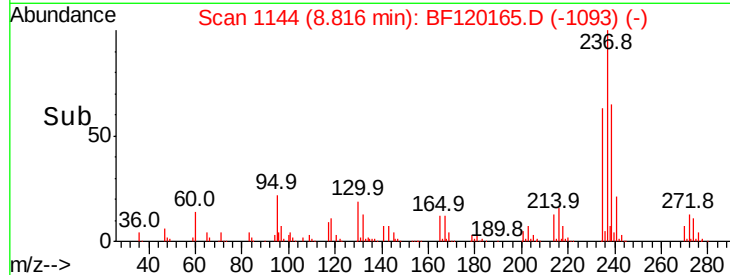
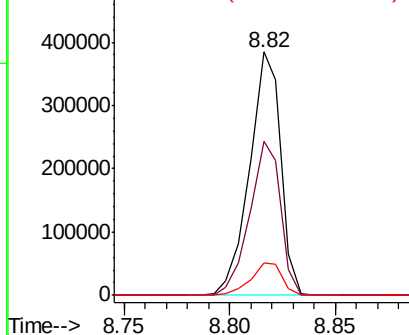
Tot Ion:	237	Resp:	394188
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.2	83.2
272	13.1	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 105.446 ng

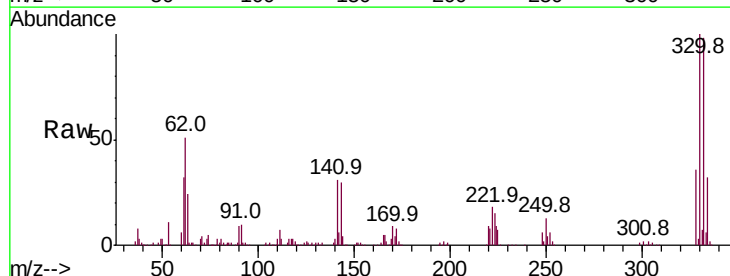
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

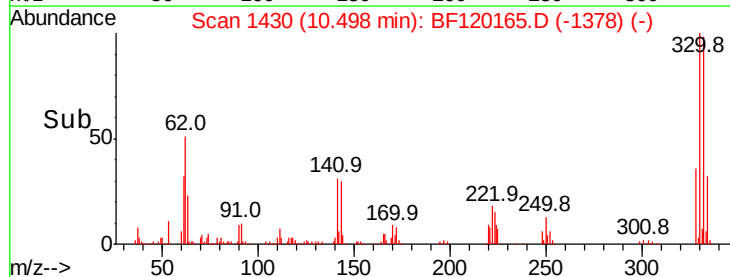
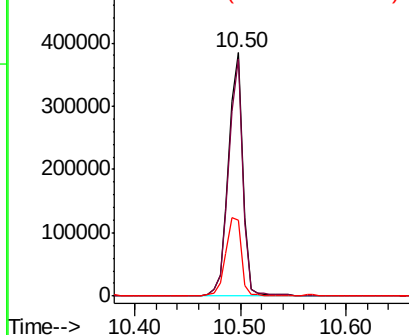
Lab File: BF120165.D

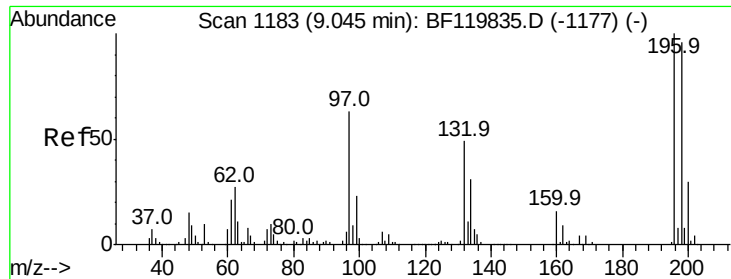
Acq: 23 Apr 2020 16:03

Tgt Ion:	330	Resp:	367475
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.7	113.5
141	35.2	25.4	38.0



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





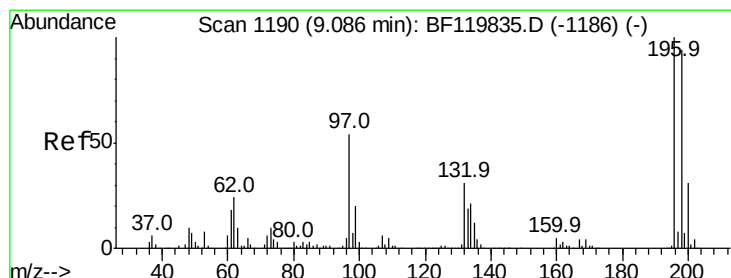
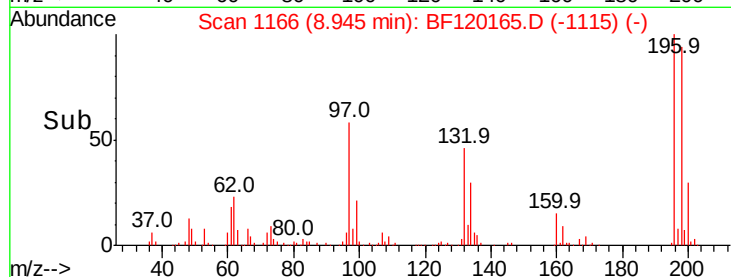
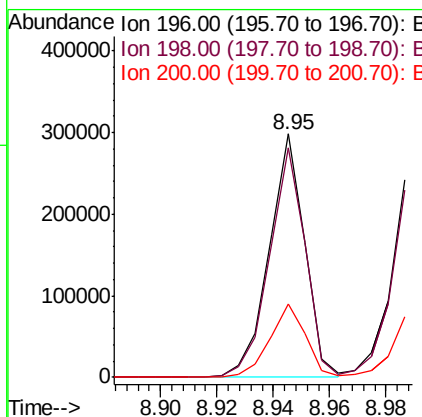
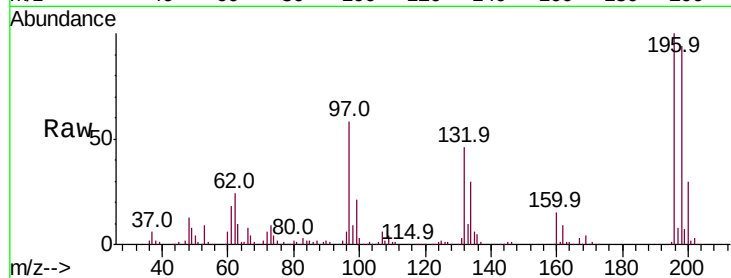
#43
 2,4,6-Trichlorophenol
 Concen: 41.937 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion:	196	Resp:	260348
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.6	115.0
200	30.4	24.6	36.8

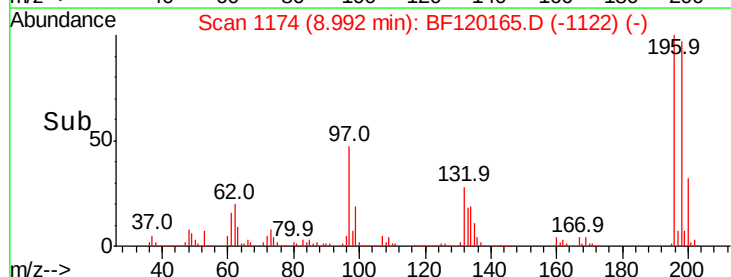
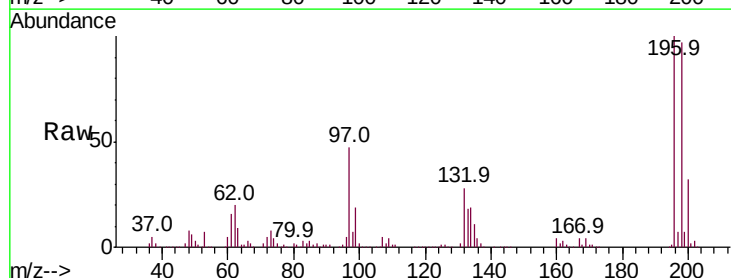
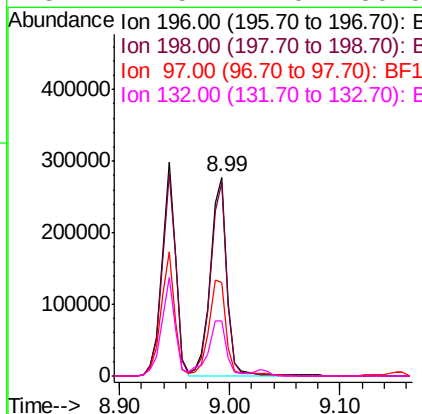
Manual Integrations
 APPROVED

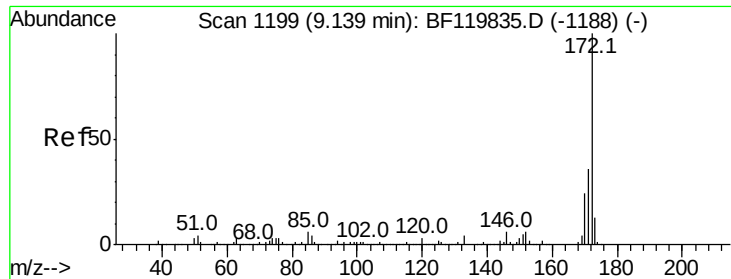
mohammad
 4/24/2020 1:34:10 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.198 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion:	196	Resp:	281073
Ion Ratio	Lower	Upper	
196	100		
198	97.3	73.8	110.8
97	47.1	42.6	63.8
132	27.5	24.0	36.0





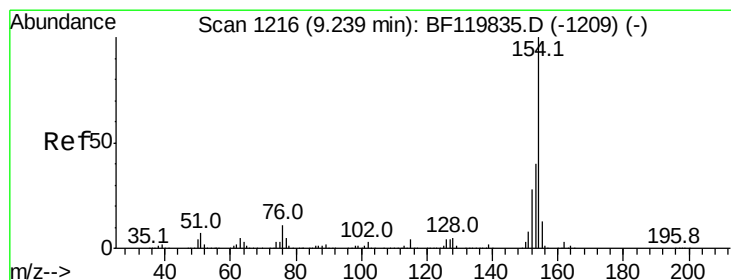
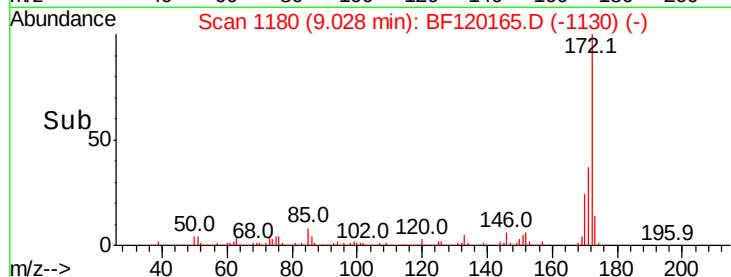
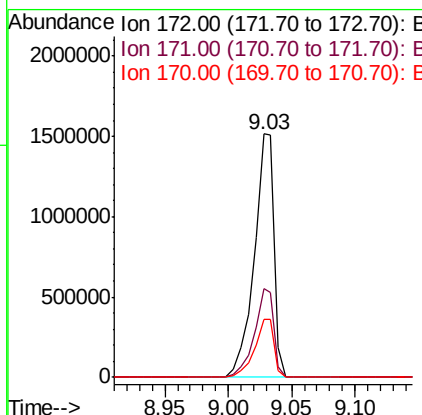
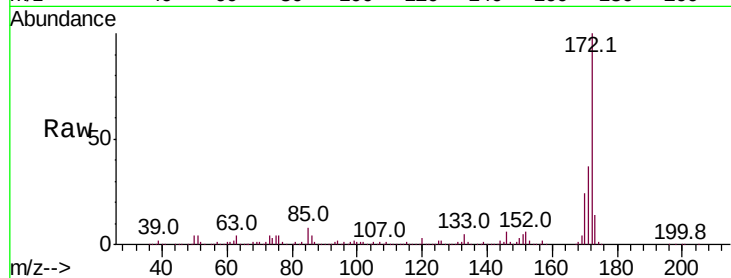
#45
2-Fluorobiphenyl
Concen: 83.182 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:172 Resp: 1667642
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.9 20.2 30.2

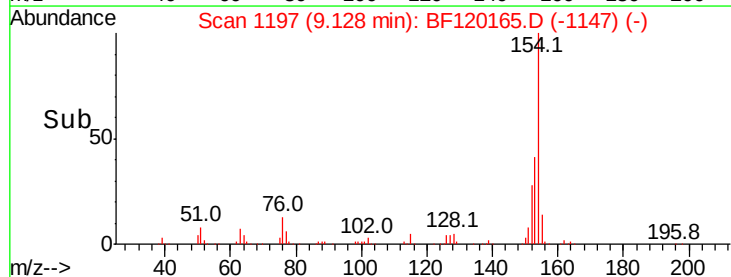
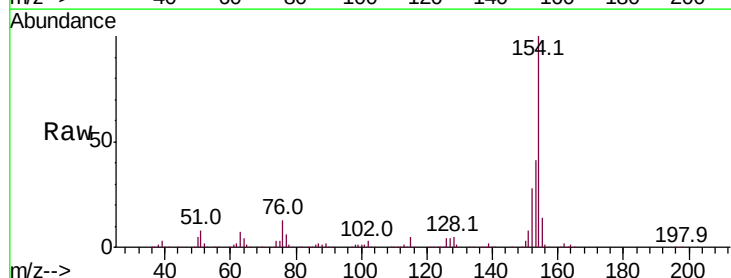
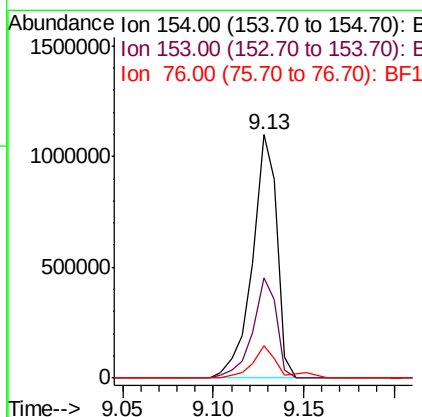
Manual Integrations
APPROVED

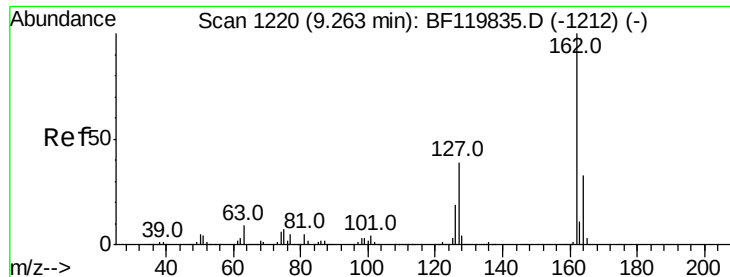
mohammad
4/24/2020 1:34:10 PM



#46
1,1'-Biphenyl
Concen: 42.885 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:154 Resp: 1030311
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 13.3 0.0 33.0





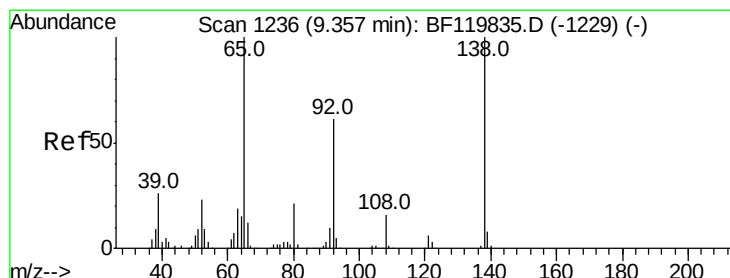
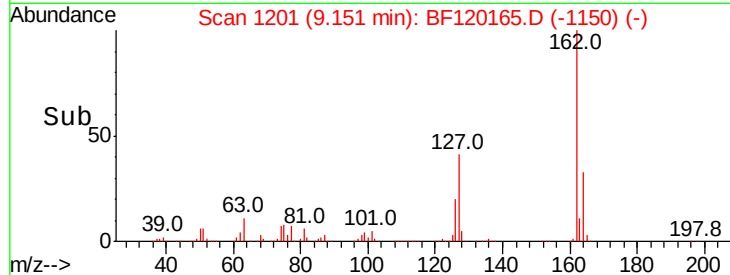
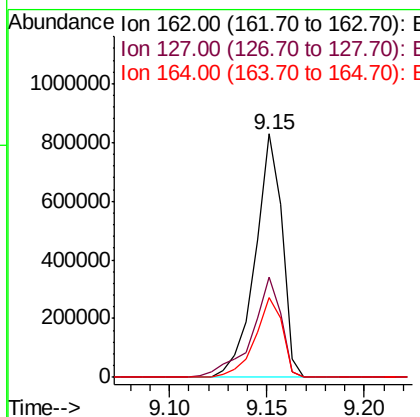
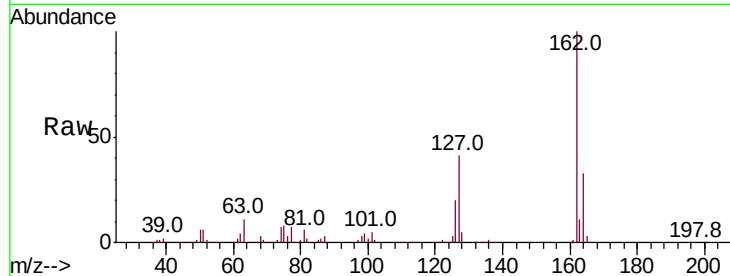
#47
2-Chloronaphthalene
Concen: 42.859 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	793219		
127	41.3		33.7	50.5
164	32.7		26.3	39.5

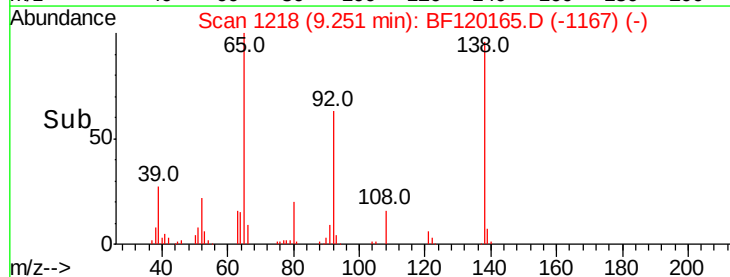
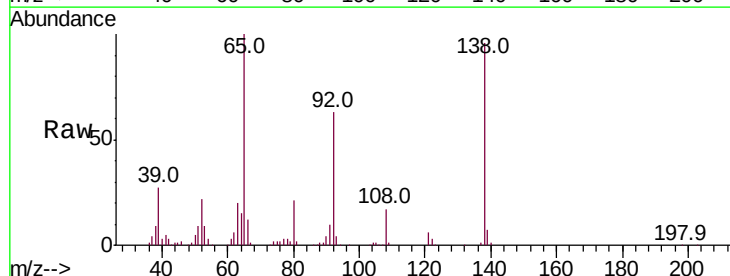
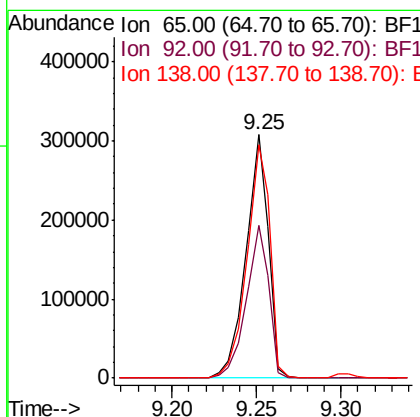
Manual Integrations
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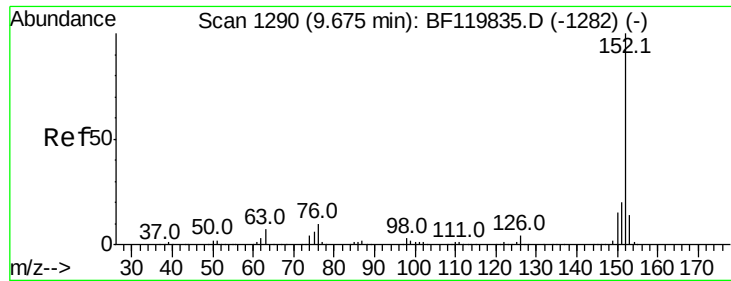
mohammad
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#48
2-Nitroaniline
Concen: 42.495 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	285010		
92	62.8		50.0	75.0
138	95.8		75.0	112.4





#49

Acenaphthylene

Concen: 44.242 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:152 Resp: 1245282

Ion Ratio Lower Upper

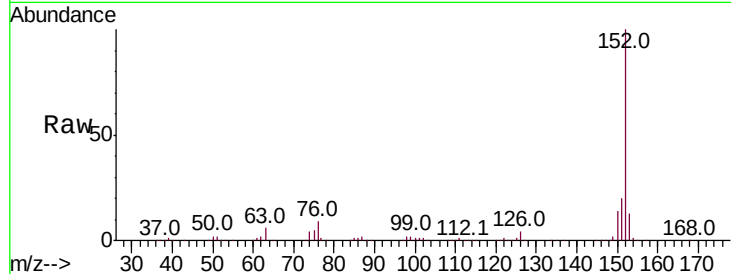
152 100

151 19.9 17.2 25.8

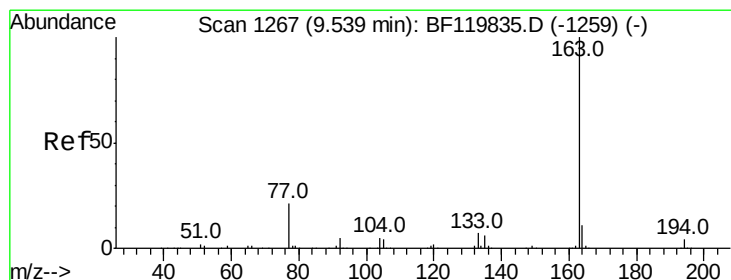
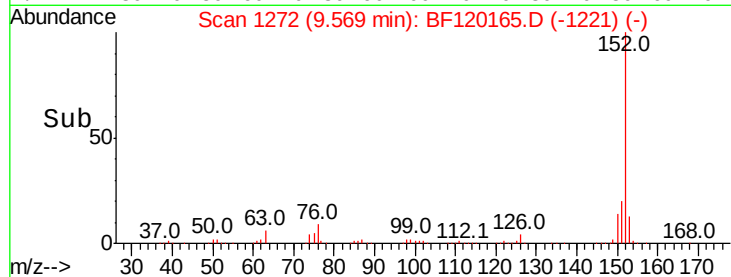
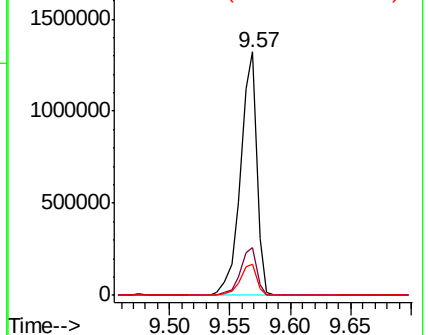
153 13.0 11.2 16.8

Manual Integrations
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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: 42.731 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

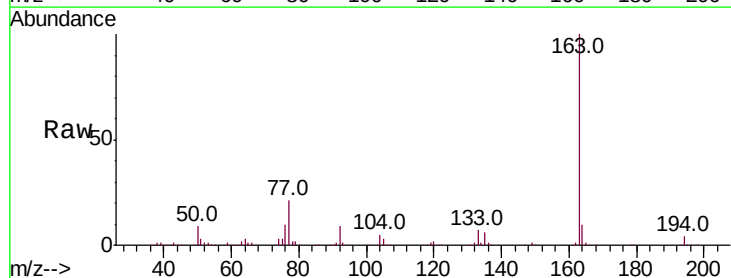
Tgt Ion:163 Resp: 940780

Ion Ratio Lower Upper

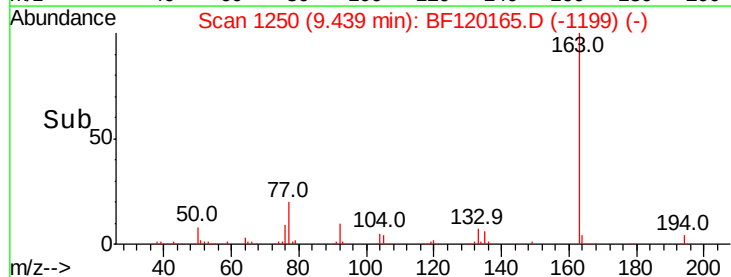
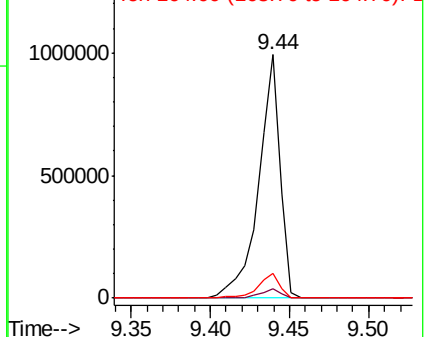
163 100

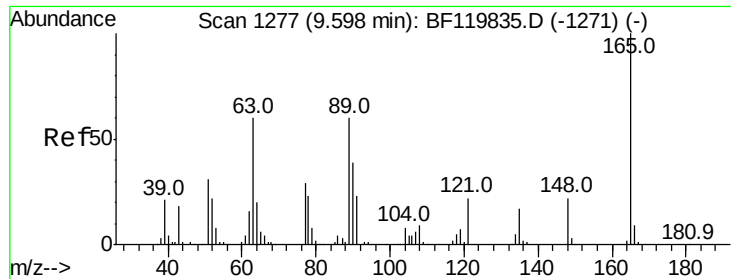
194 3.7 3.1 4.7

164 10.0 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





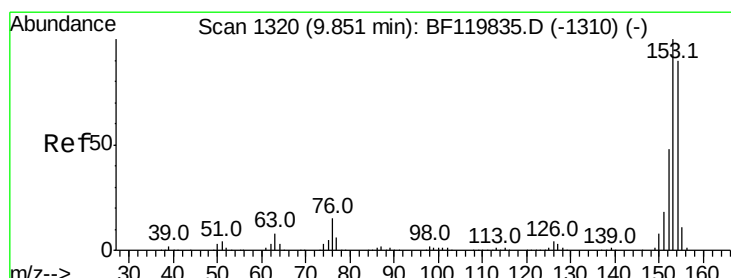
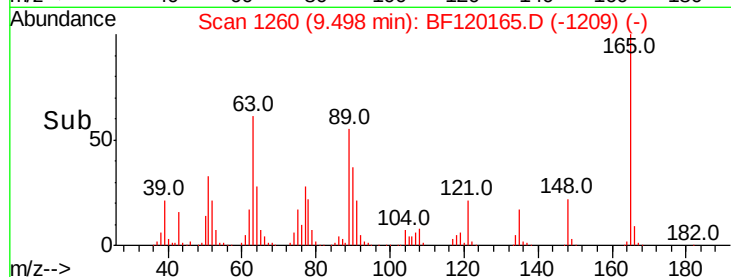
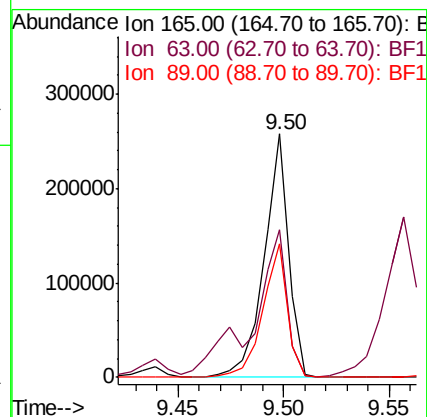
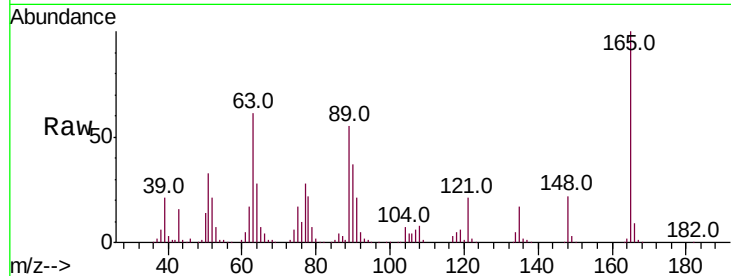
#51
2,6-Dinitrotoluene
Concen: 43.240 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	208470		
63	60.7	45.0	67.4	
89	54.7	41.5	62.3	

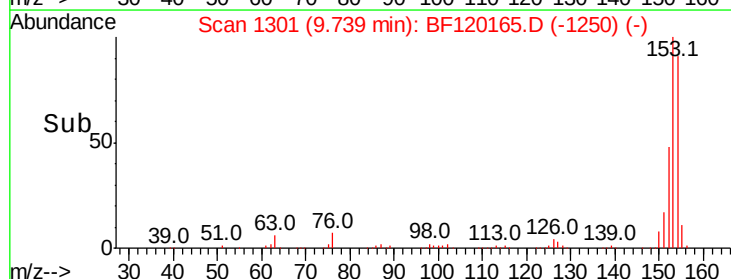
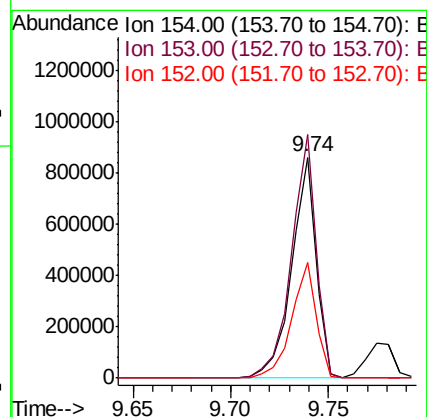
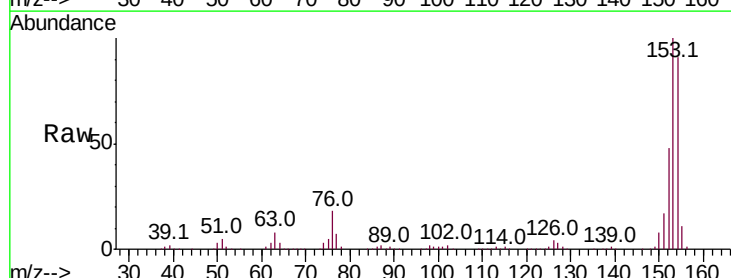
Manual Integrations
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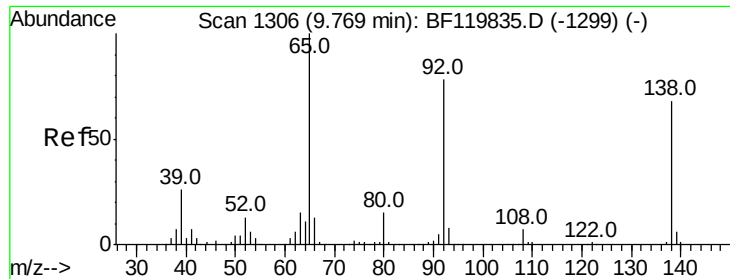
mohammad
4/24/2020 1:34:10 PM



#52
Acenaphthene
Concen: 39.858 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	748361		
153	110.2	88.1	132.1	
152	52.5	43.0	64.4	





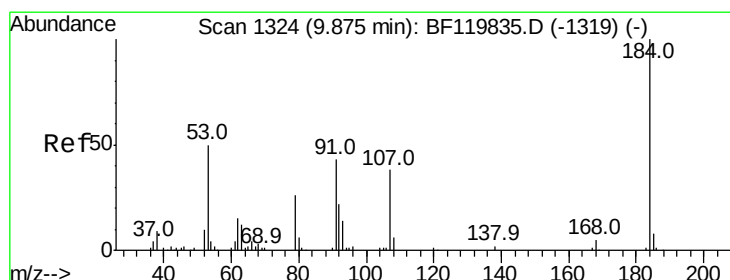
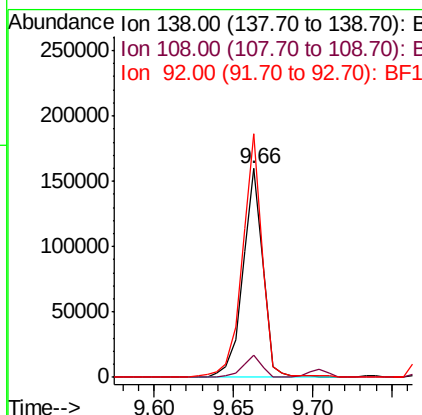
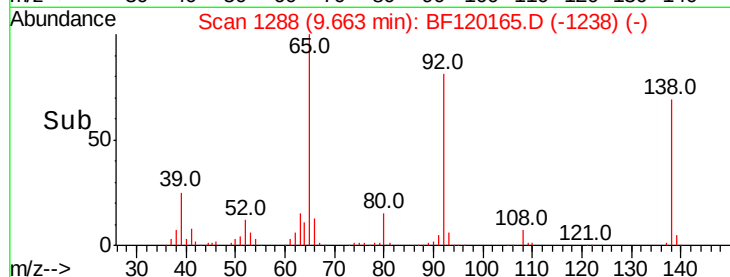
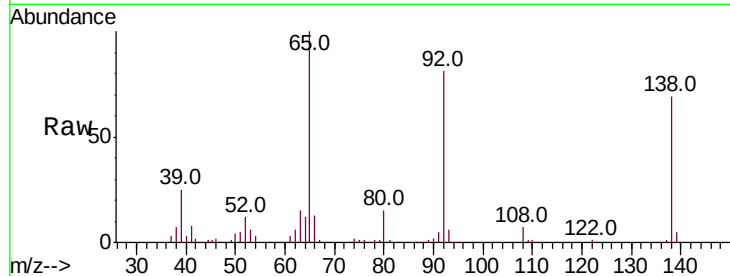
#53
 3-Nitroaniline
 Concen: 25.129 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	13.0
92	116.7	95.4	143.0

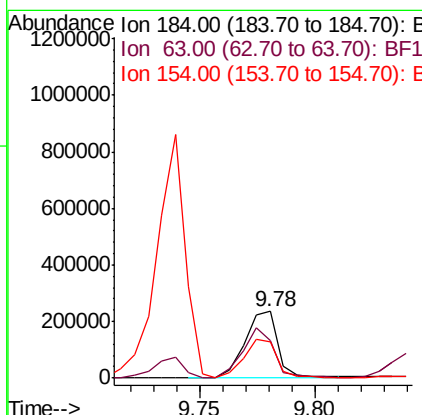
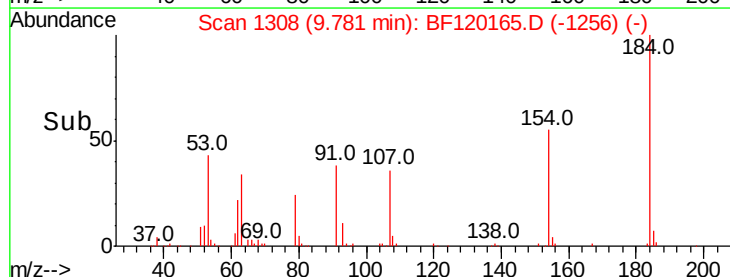
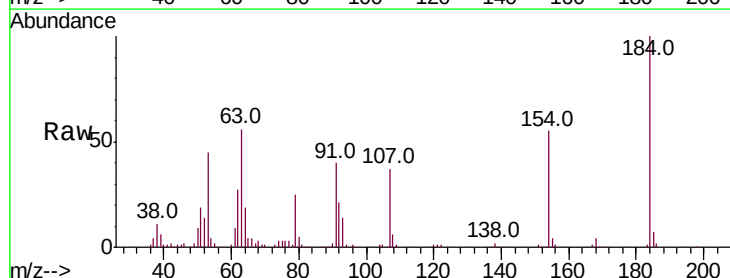
Manual Integrations
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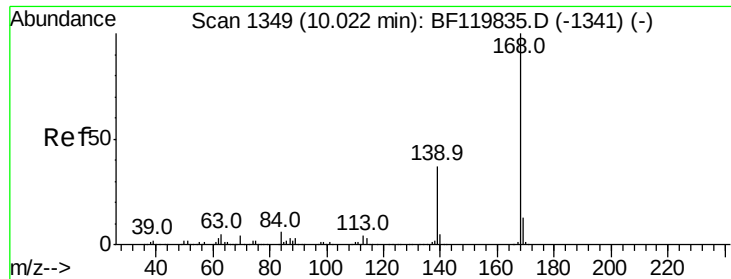
mohammad
 4/24/2020 1:34:10 PM



#54
 2,4-Dinitrophenol
 Concen: 82.254 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	50.2	75.4
154	55.3	44.5	66.7





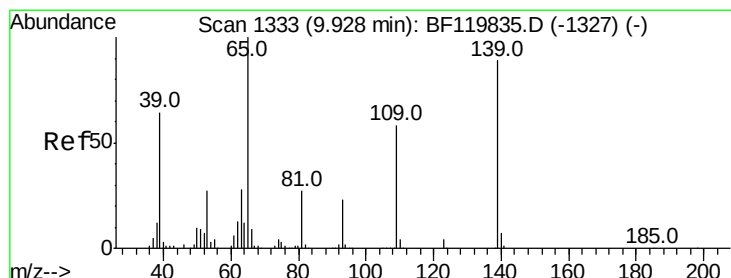
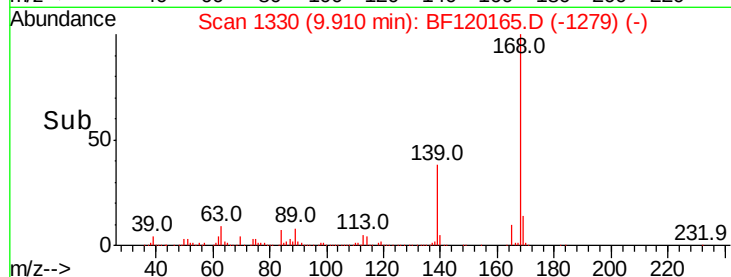
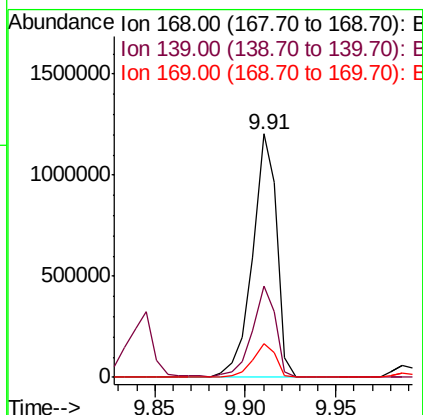
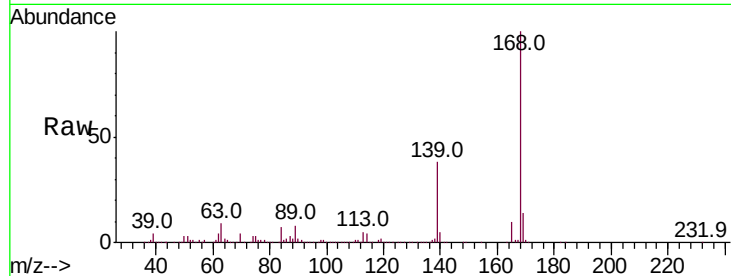
#55
Dibenzofuran
Concen: 43.294 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.8	11.0	16.6

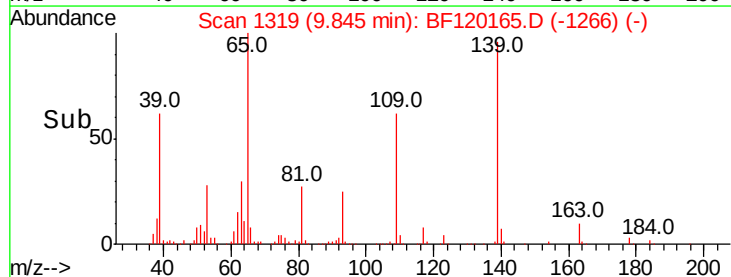
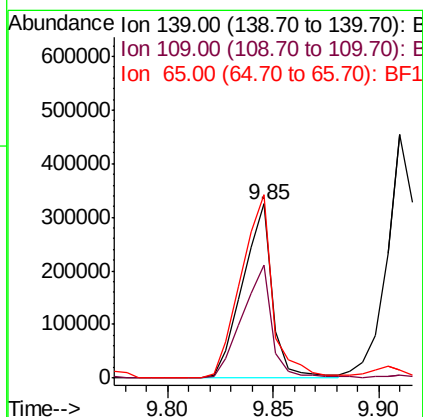
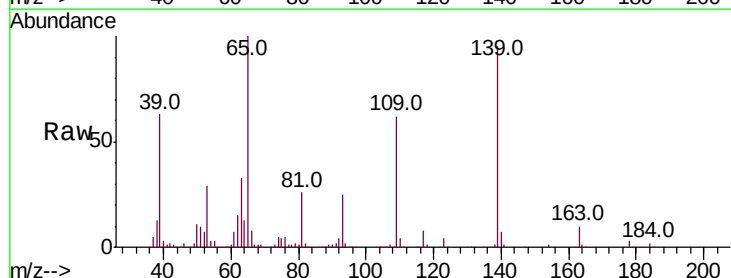
Manual Integrations
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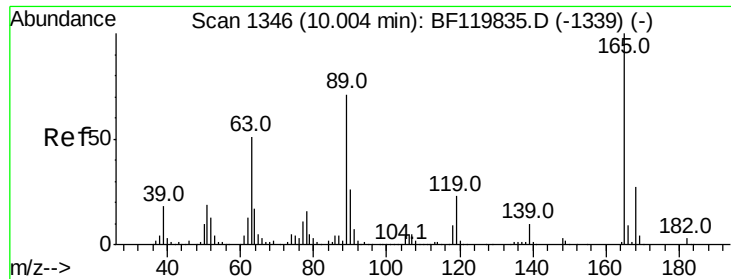
mohammad
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#56
4-Nitrophenol
Concen: 77.673 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	43.3	83.3
65	104.9	91.0	131.0





#57

2,4-Dinitrotoluene

Concen: 42.617 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

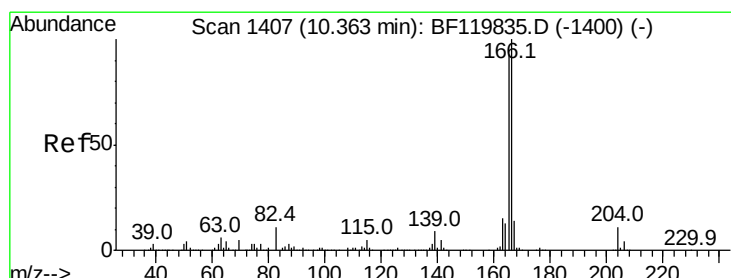
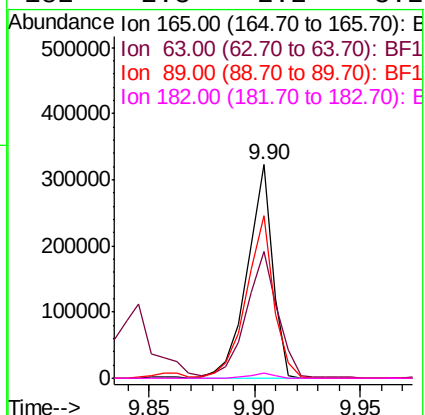
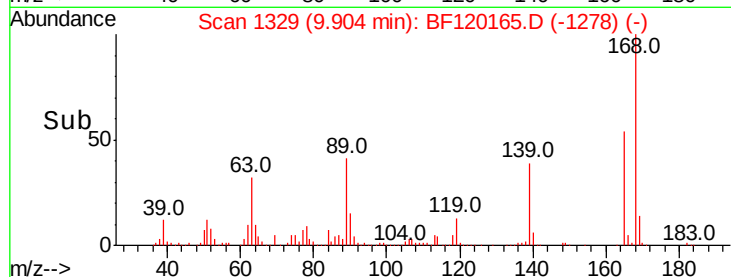
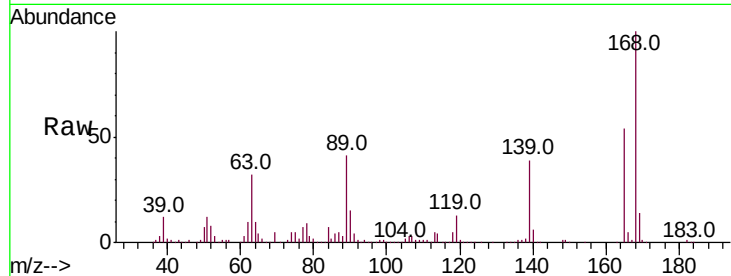
ClientSampleId :

PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	270707		
63	59.6	42.6	64.0	
89	76.0	61.0	91.4	
182	2.3	2.2	3.2	

Manual Integrations
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#58

Fluorene

Concen: 42.978 ng

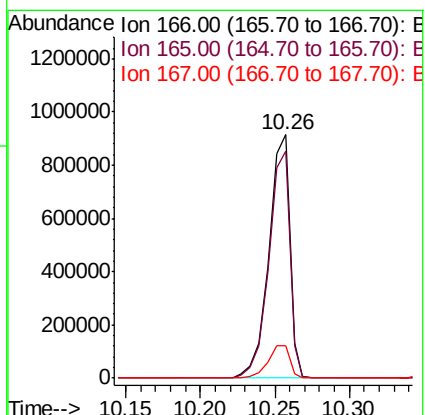
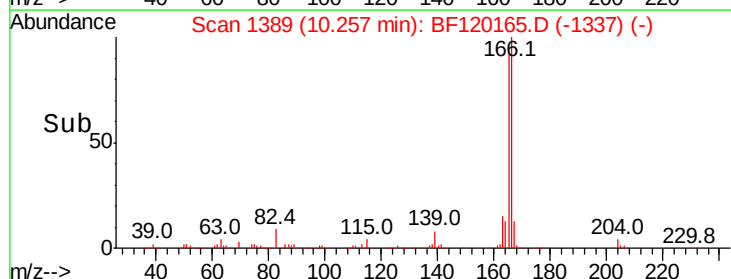
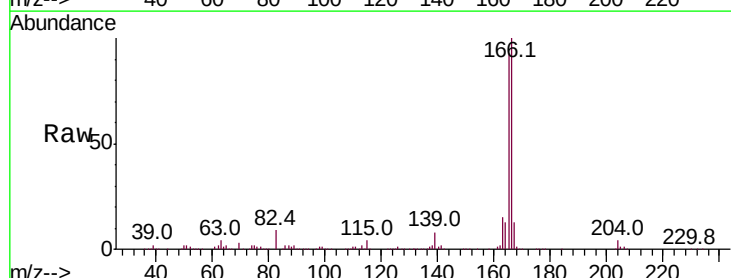
RT: 10.26 min Scan# 1389

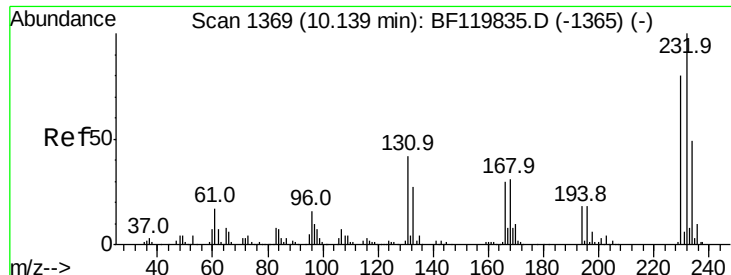
Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	885582		
165	93.2	75.4	113.2	
167	13.3	11.2	16.8	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.501 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:232 Resp: 232631

Ion Ratio Lower Upper

232 100

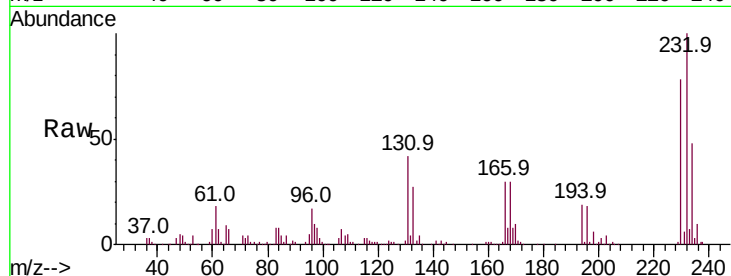
131 46.0 37.5 56.3

130 2.1 1.8 2.6

166 30.9 24.6 36.8

Manual Integrations
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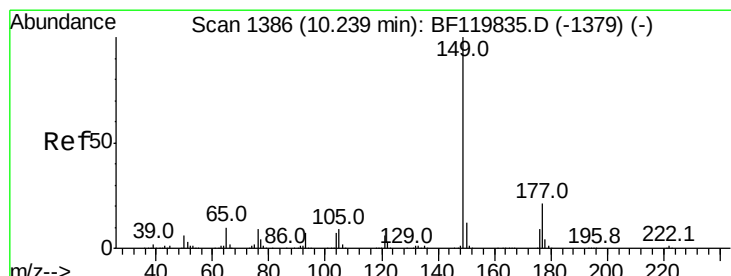
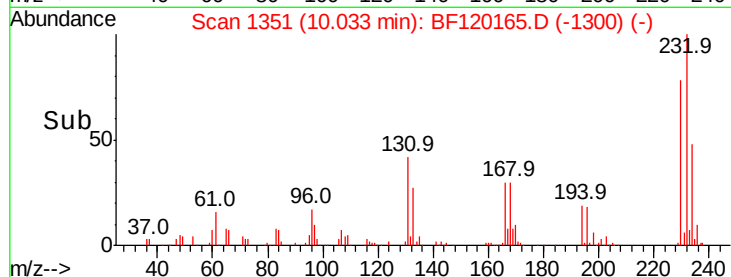
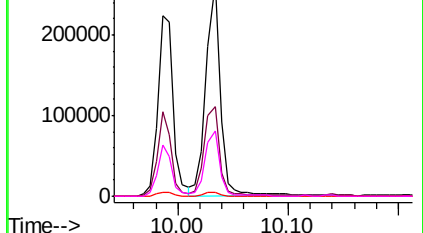


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.270 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

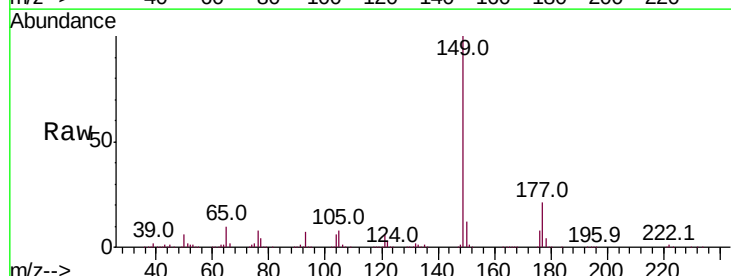
Tgt Ion:149 Resp: 964552

Ion Ratio Lower Upper

149 100

177 20.8 17.0 25.6

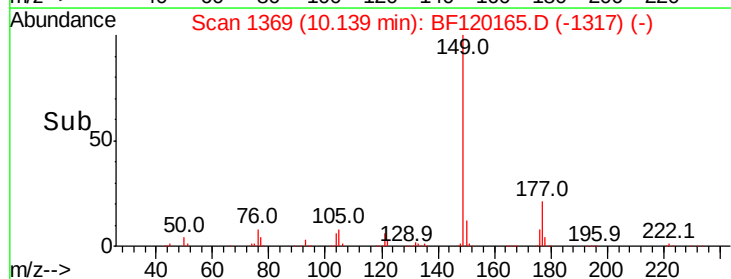
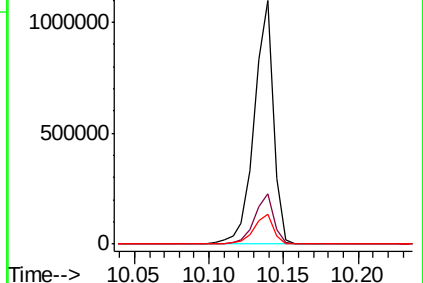
150 12.4 10.1 15.1

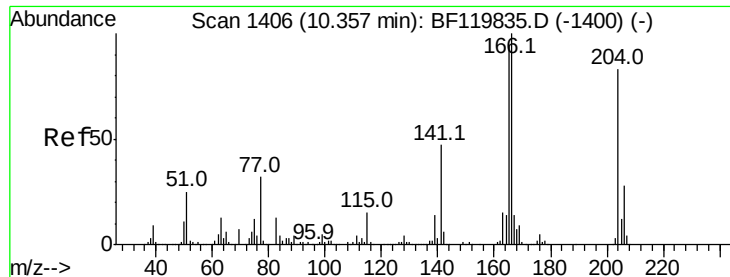


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





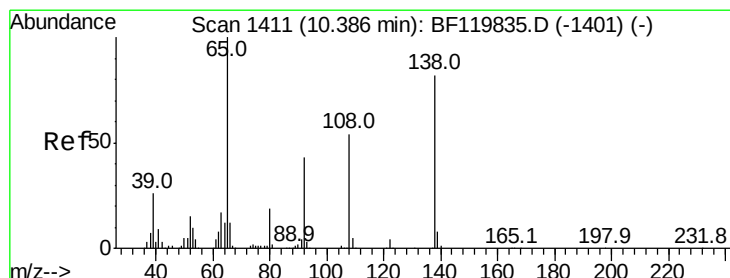
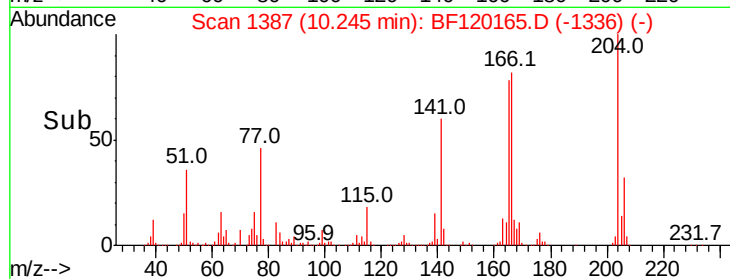
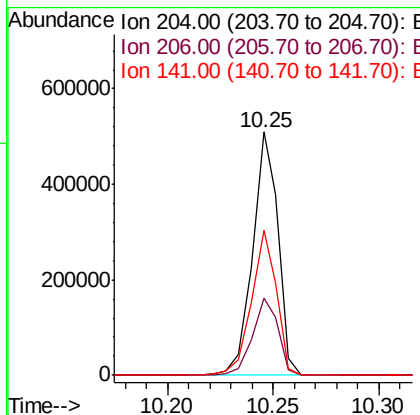
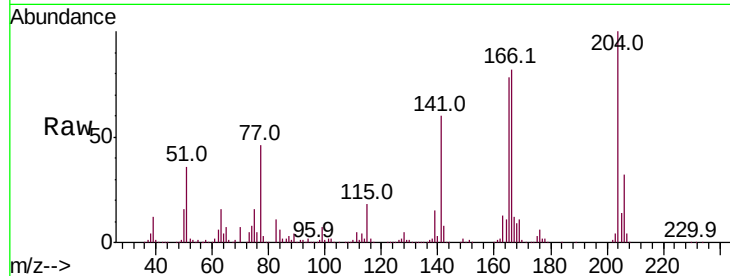
#61
4-Chlorophenyl-phenylether
Concen: 40.369 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:	204	Resp:	426342
Ion Ratio	Lower	Upper	
204	100		
206	31.6	26.7	40.1
141	59.6	47.3	70.9

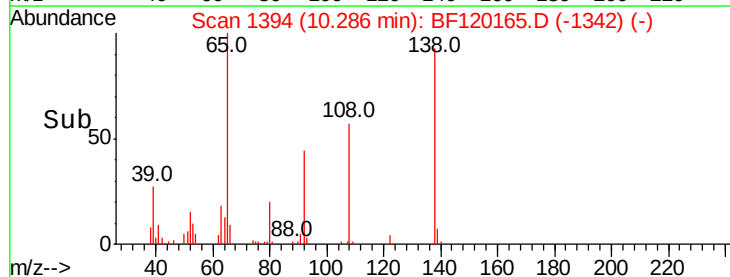
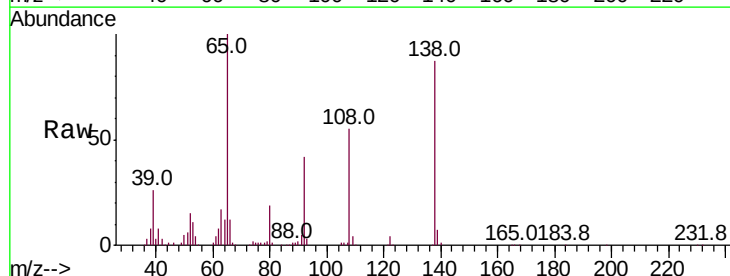
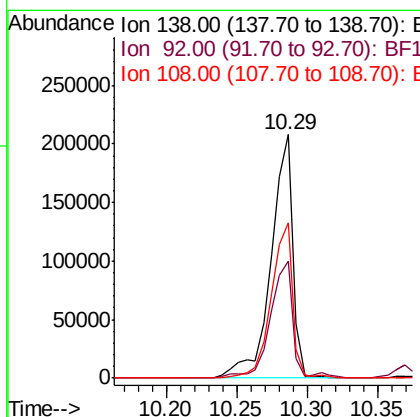
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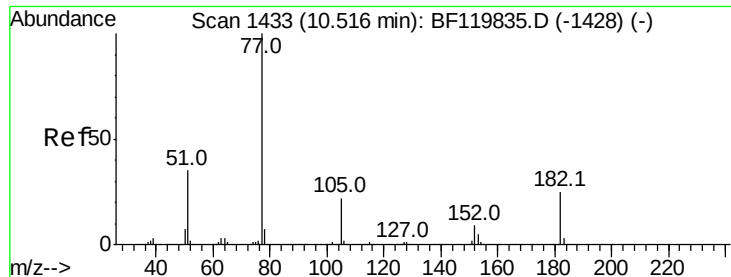
mohammad
4/24/2020 1:34:10 PM



#62
4-Nitroaniline
Concen: 43.064 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:	138	Resp:	225982
Ion Ratio	Lower	Upper	
138	100		
92	48.0	31.5	71.5
108	63.6	45.8	85.8





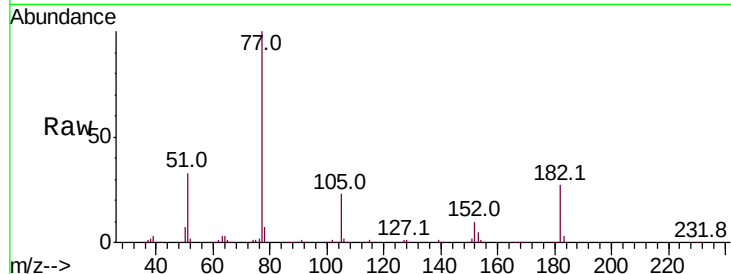
#63
Azobenzene
Concen: 44.607 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.4	44.4
105	23.0	2.6	42.6
51	33.4	15.1	55.1

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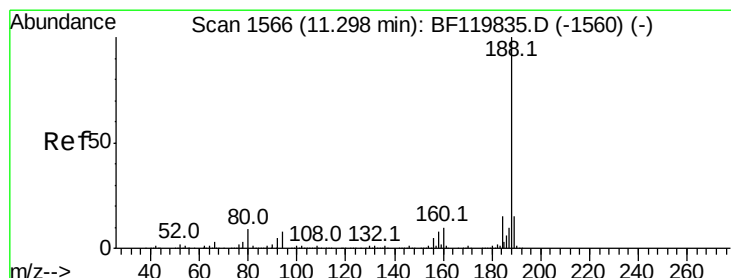
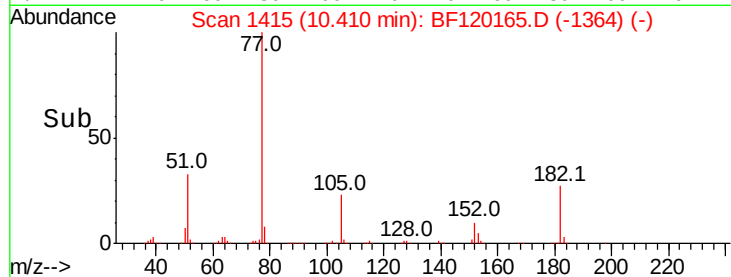
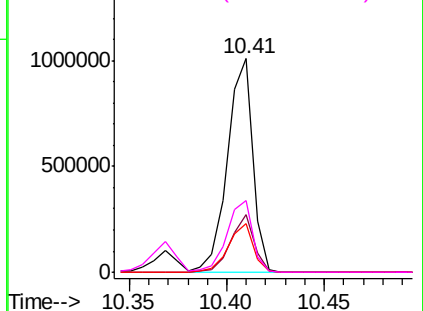
Abundance

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# 1547
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

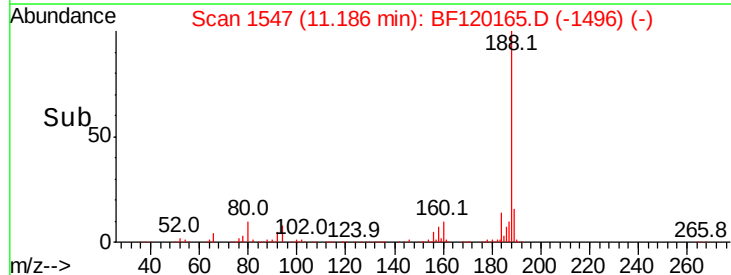
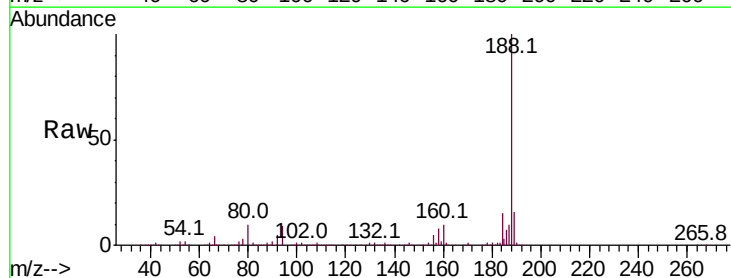
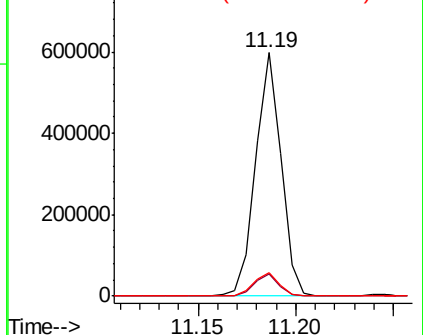
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.5	11.3
80	9.9	9.0	13.4

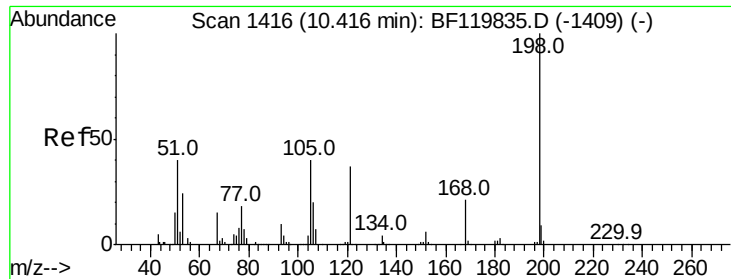
Abundance

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





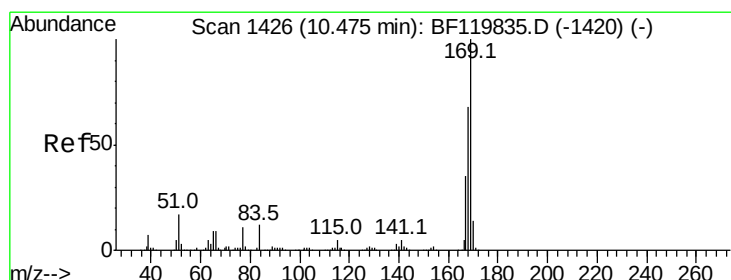
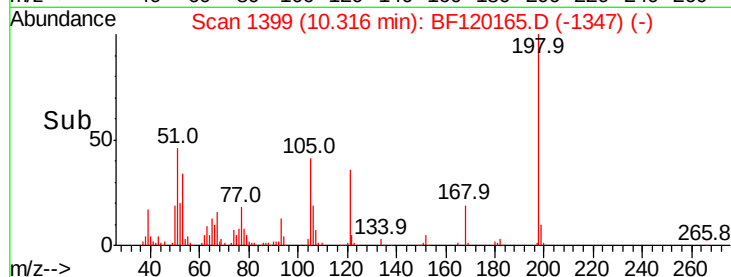
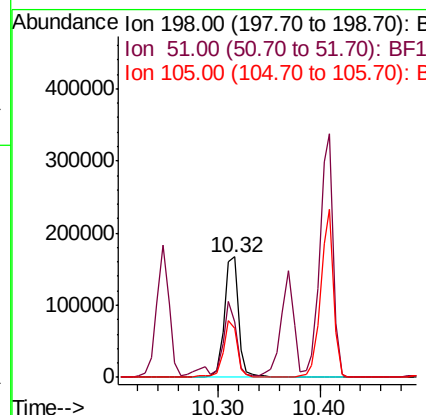
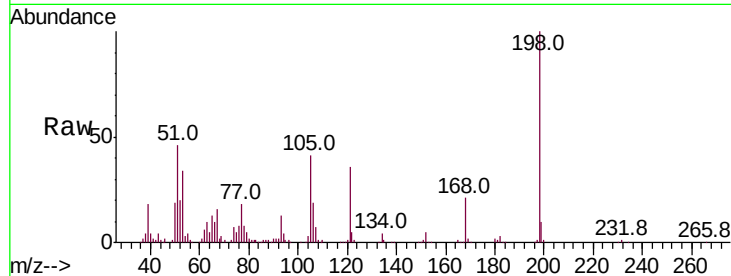
#65
4,6-Dinitro-2-methylphenol
Concen: 45.732 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	45.7	29.0	69.0
105	40.9	22.2	62.2

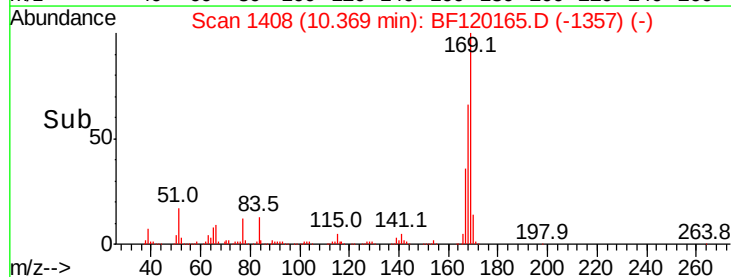
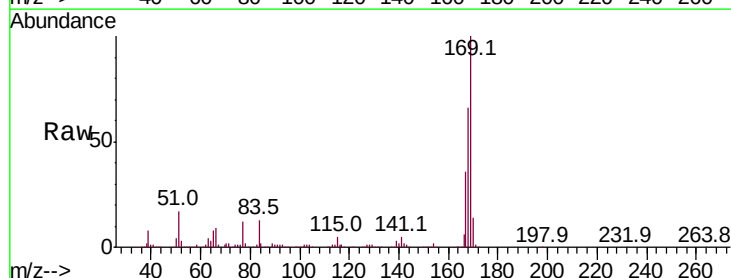
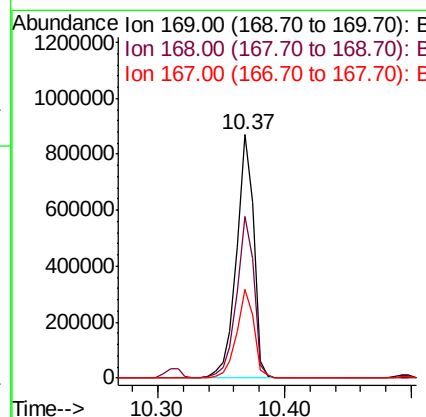
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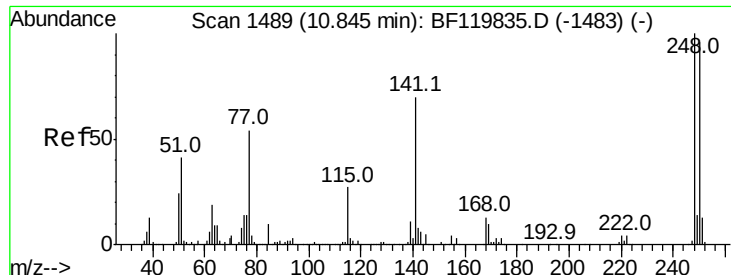
mohammad
4/24/2020 1:34:10 PM



#66
n-Nitrosodiphenylamine
Concen: 44.796 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.2	79.8
167	36.3	29.1	43.7





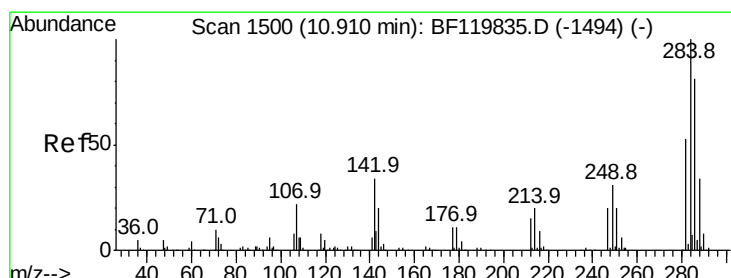
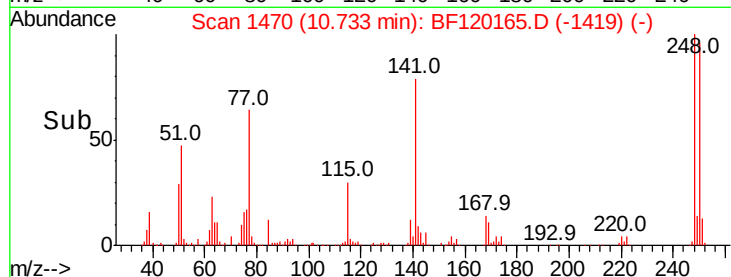
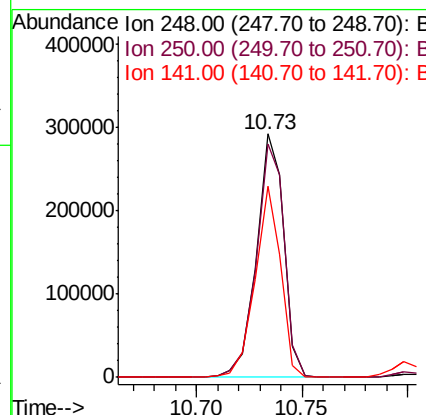
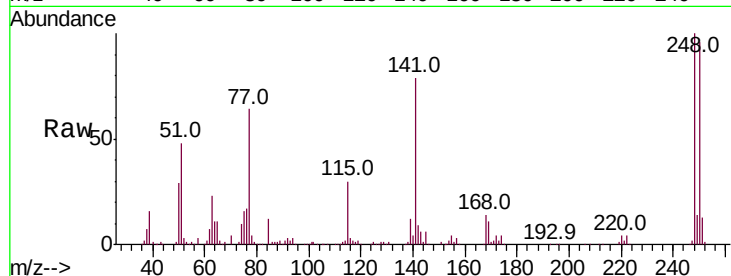
#67
 4-Bromophenyl-phenylether
 Concen: 38.872 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.3	115.9
141	78.7	58.6	87.8

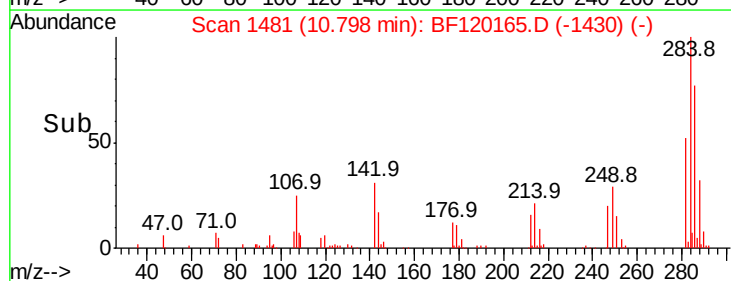
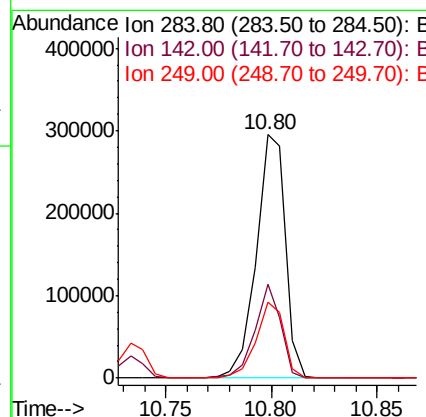
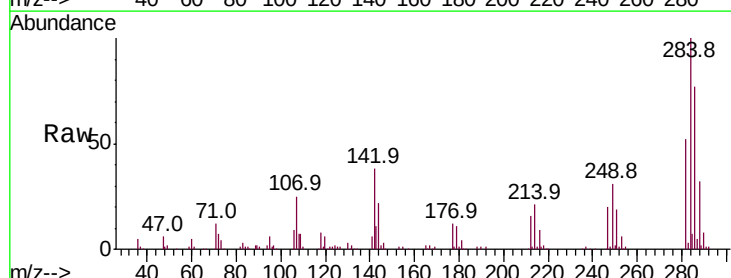
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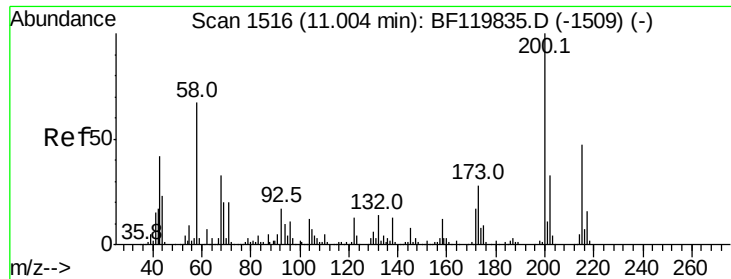
mohammad
 4/24/2020 1:34:10 PM



#68
 Hexachlorobenzene
 Concen: 41.548 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.2	43.8
249	31.4	25.1	37.7





#69

Atrazine

Concen: 49.030 ng

RT: 10.90 min Scan# 1499

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

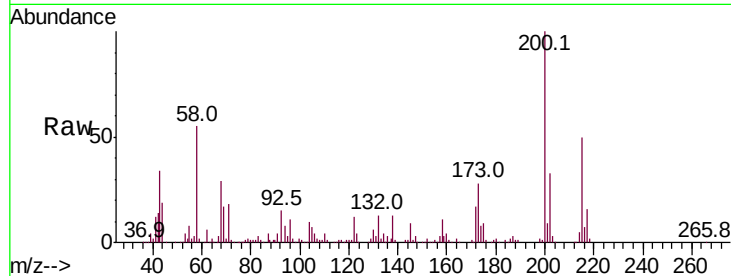
ClientSampleId :

PB128274BS

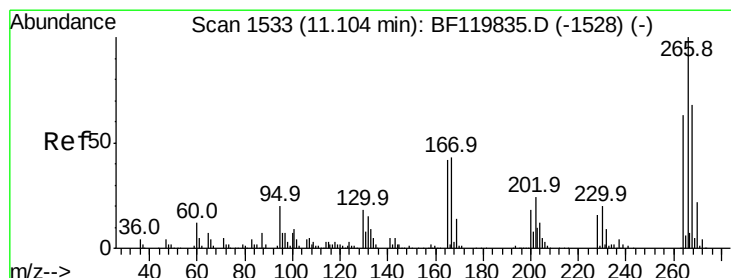
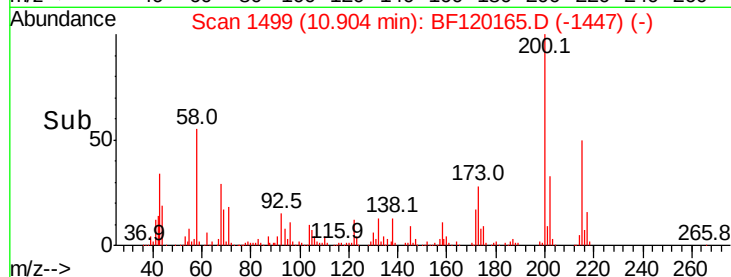
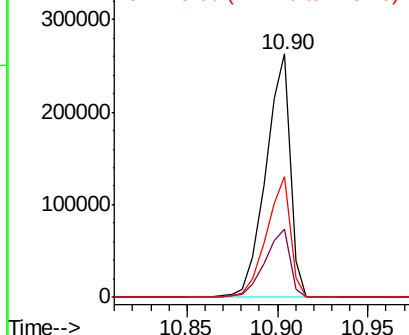
Tot Ion:	200	Resp:	246165
Ion Ratio	Lower	Upper	
200	100		
173	27.9	9.3	49.3
215	49.6	29.5	69.5

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



#70

Pentachlorophenol

Concen: 69.866 ng

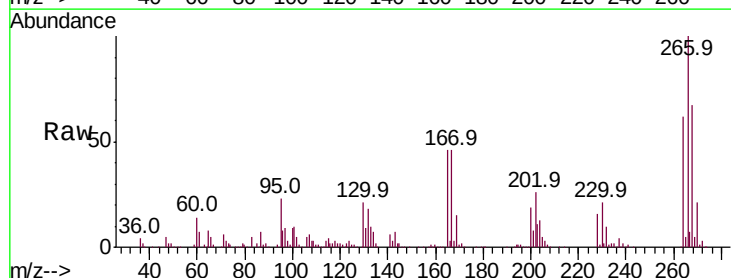
RT: 11.00 min Scan# 1515

Delta R.T. 0.01 min

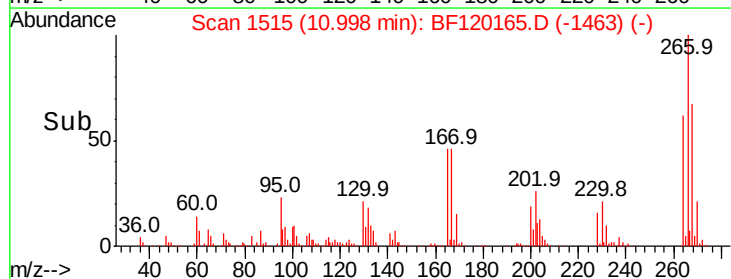
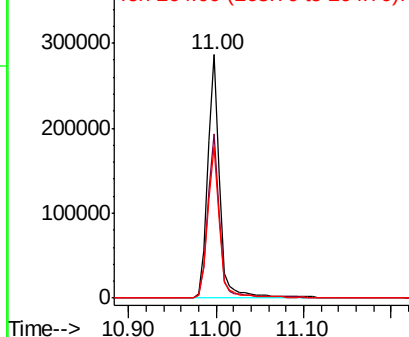
Lab File: BF120165.D

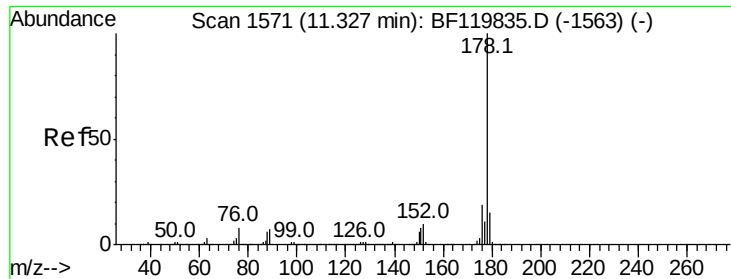
Acq: 23 Apr 2020 16:03

Tgt Ion:	266	Resp:	275606
Ion Ratio	Lower	Upper	
266	100		
268	67.3	53.3	79.9
264	62.0	49.0	73.4



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





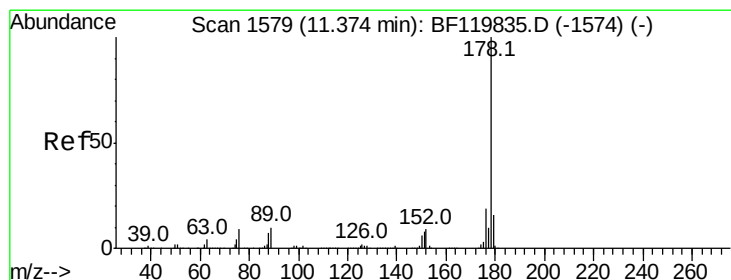
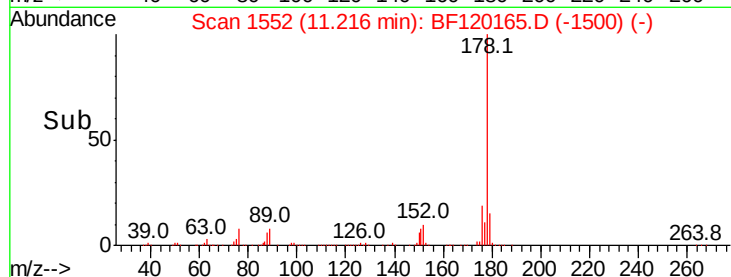
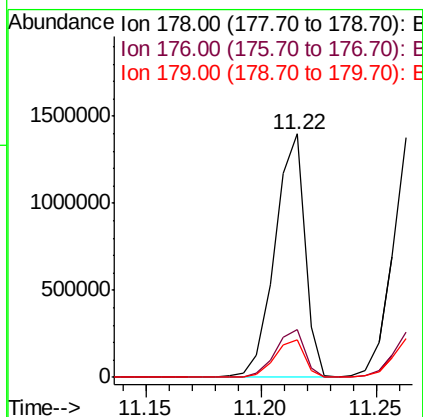
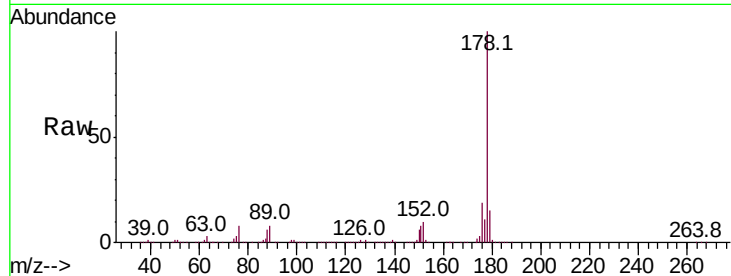
#71
Phenanthrene
Concen: 43.655 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion:178 Resp: 1260654
Ion Ratio Lower Upper
178 100
176 19.4 16.2 24.4
179 15.3 13.2 19.8

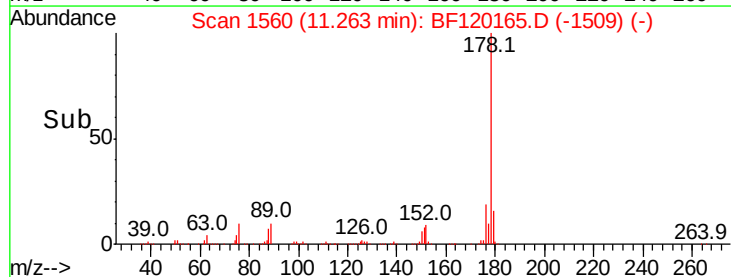
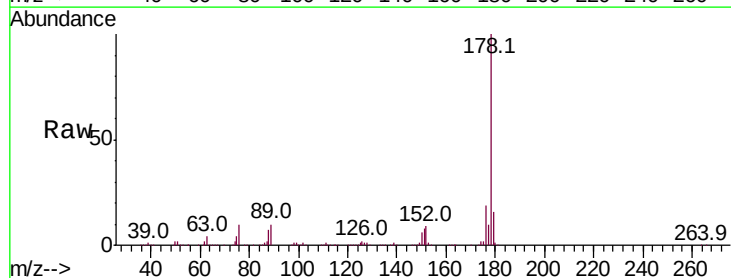
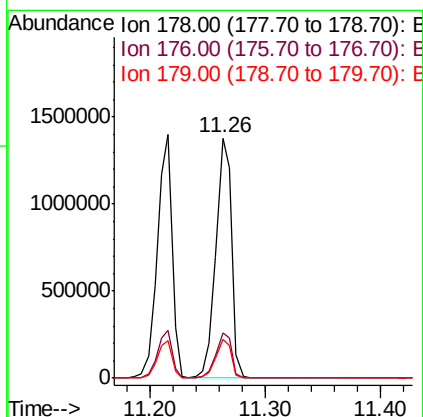
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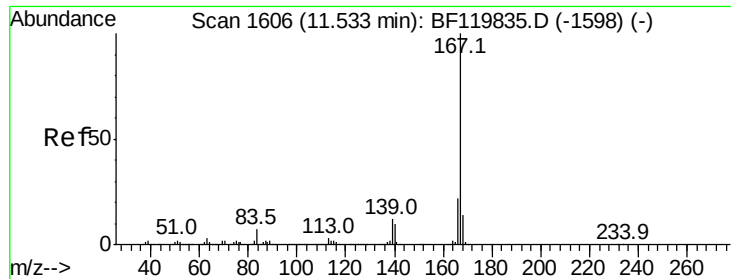
mohammad
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#72
Anthracene
Concen: 44.204 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion:178 Resp: 1304011
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 16.0 13.0 19.4





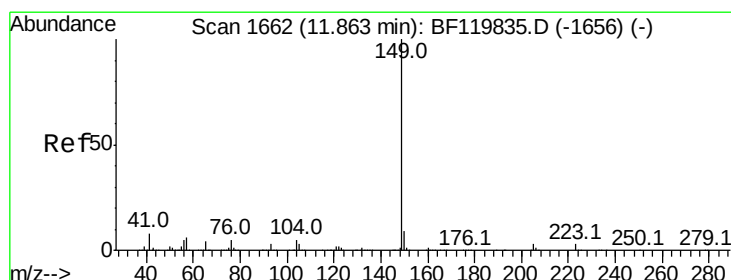
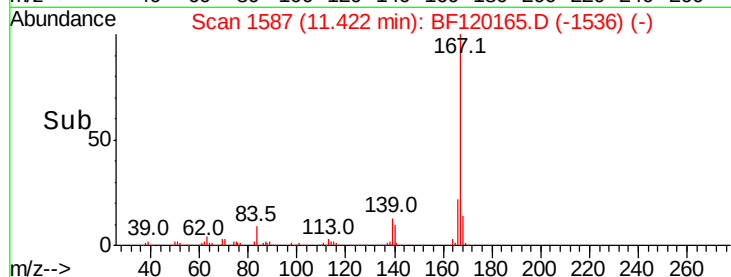
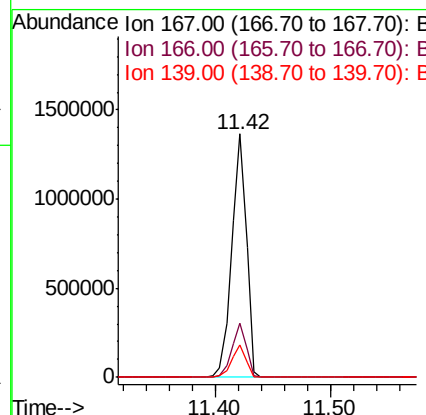
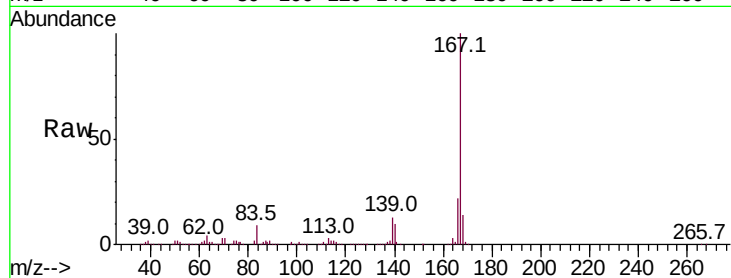
#73
 Carbazole
 Concen: 42.963 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	13.2	10.7	16.1

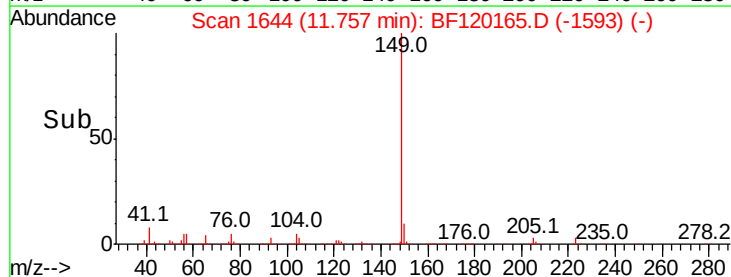
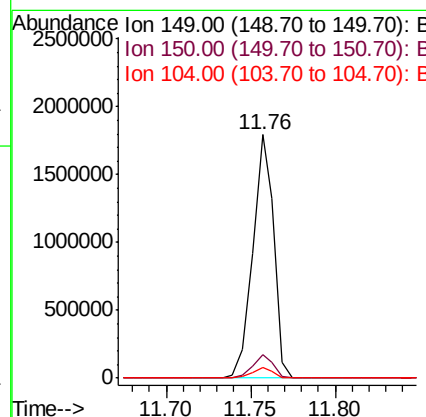
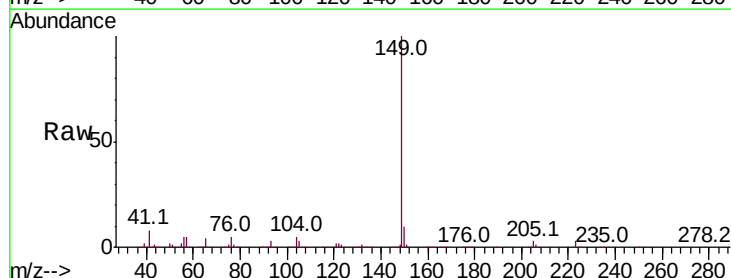
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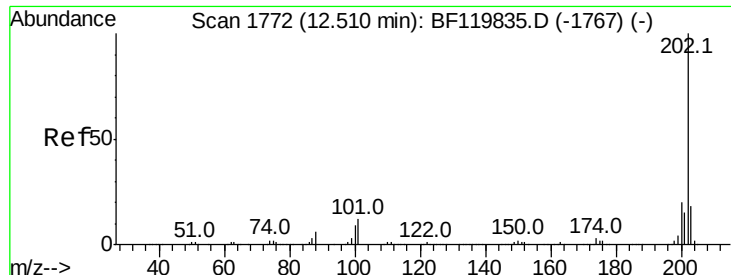
mohammad
 4/24/2020 1:34:10 PM



#74
 Di-n-butylphthalate
 Concen: 42.404 ng
 RT: 11.76 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.5	3.6	5.4





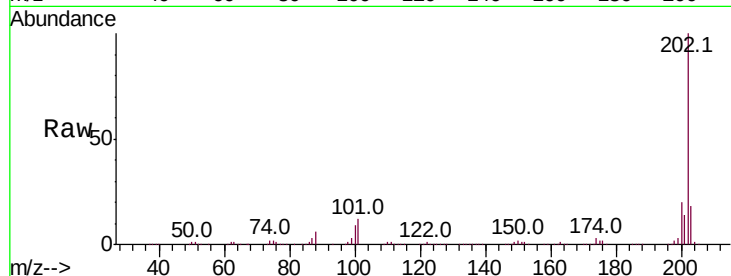
#75
 Fluoranthene
 Concen: 44.595 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1389522		
101	12.2		0.0	32.2
203	18.0		0.0	38.8

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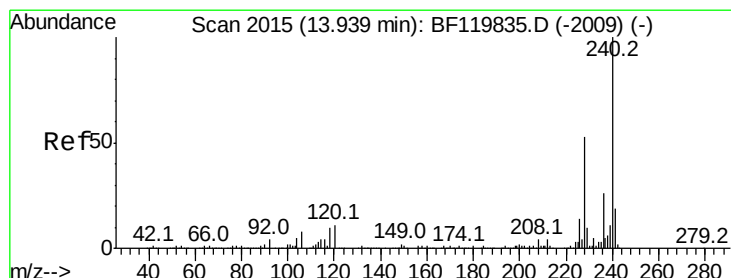
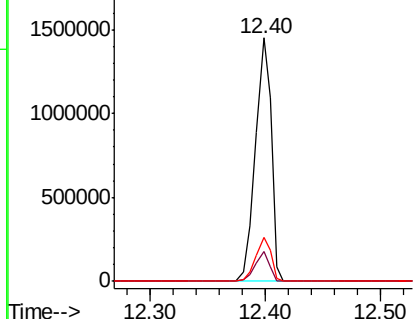
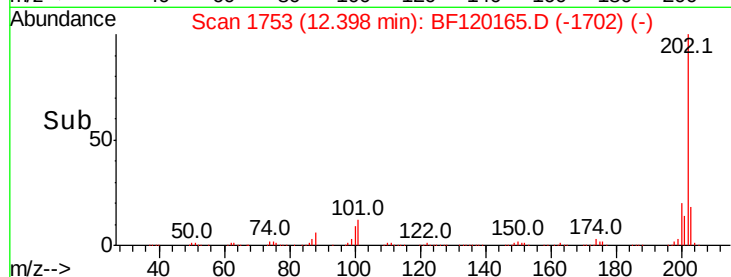


Abundance

Ion 202.00 (201.70 to 202.70): E

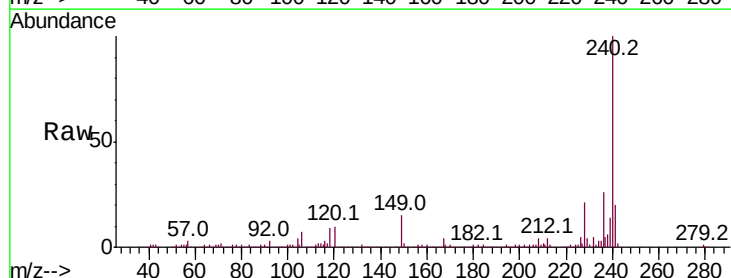
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	392230		
120	10.3		10.6	15.8#
236	26.1		20.2	30.2

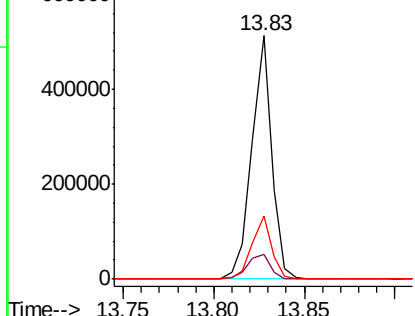
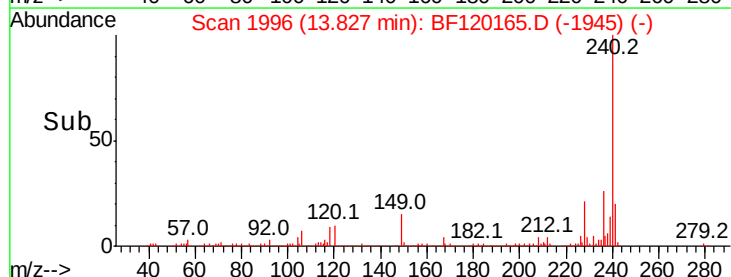


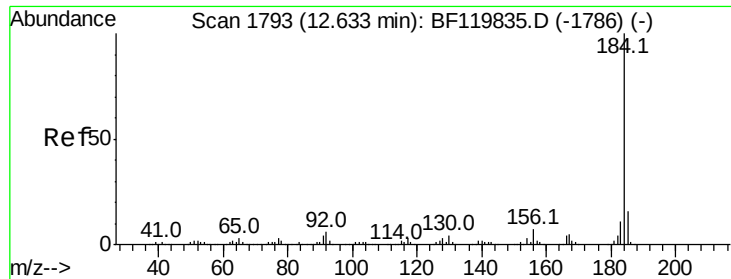
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.952 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.01 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

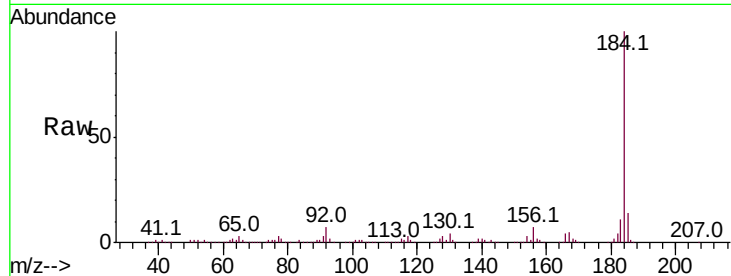
ClientSampleId :

PB128274BS

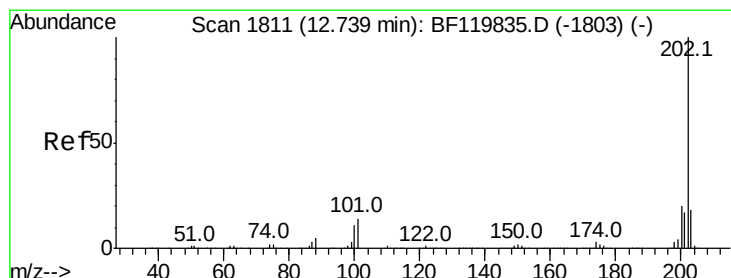
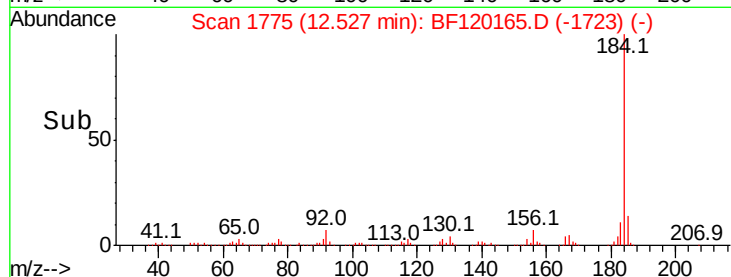
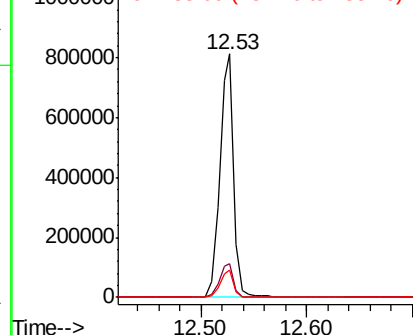
Tot Ion:	184	Resp:	755100
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.3	18.5
183	11.3	9.0	13.6

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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: 41.850 ng

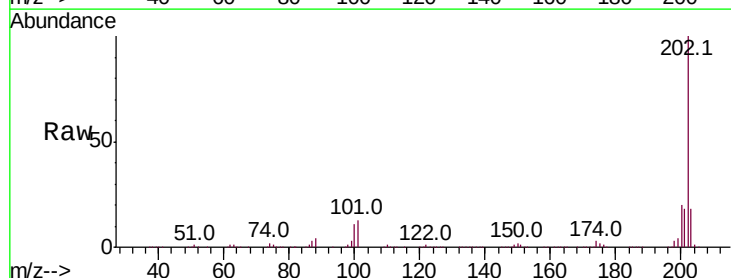
RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

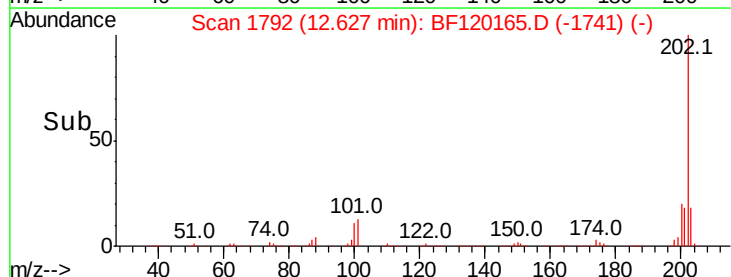
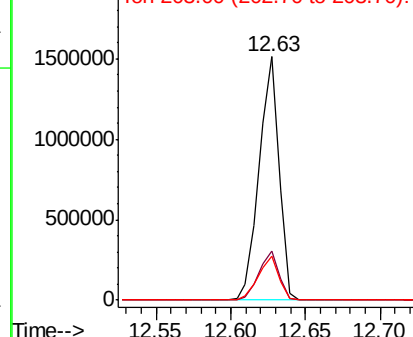
Lab File: BF120165.D

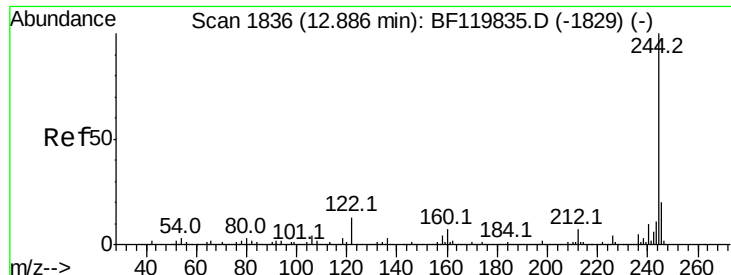
Acq: 23 Apr 2020 16:03

Tgt Ion:	202	Resp:	1383805
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.8	25.2
203	17.9	15.1	22.7



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





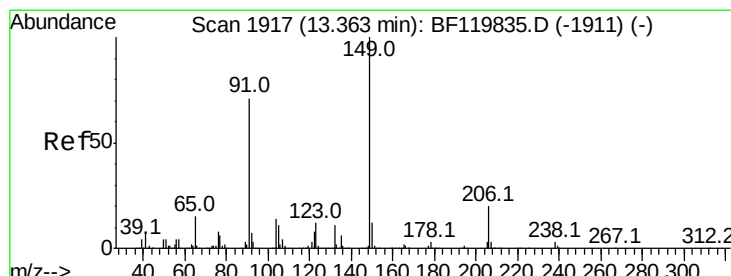
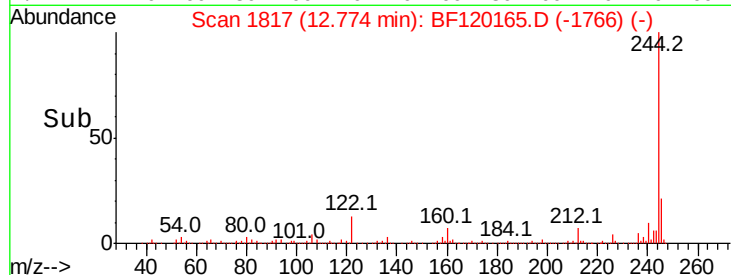
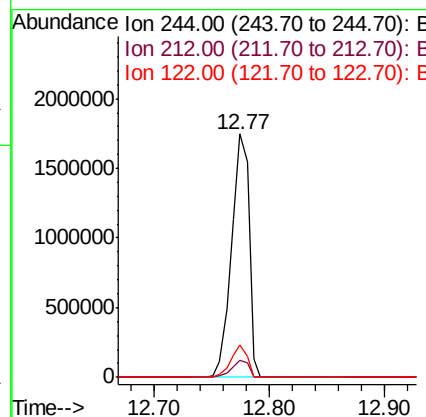
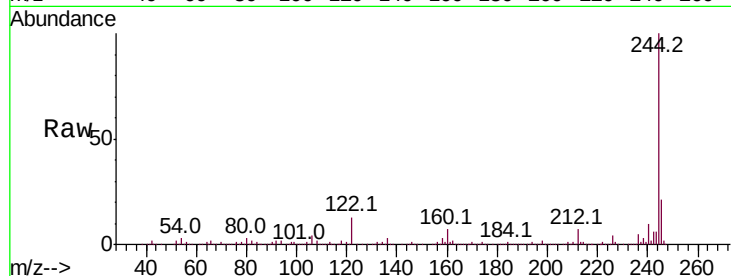
#79
 Terphenyl-d14
 Concen: 78.690 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.4	10.3	15.5

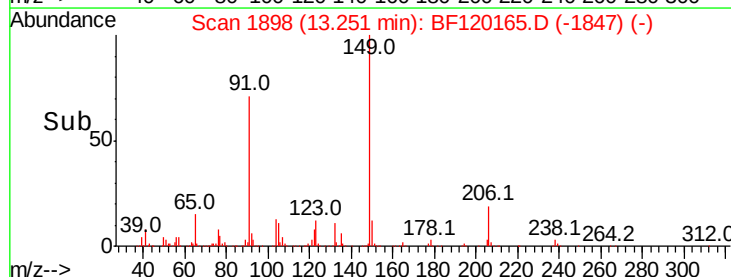
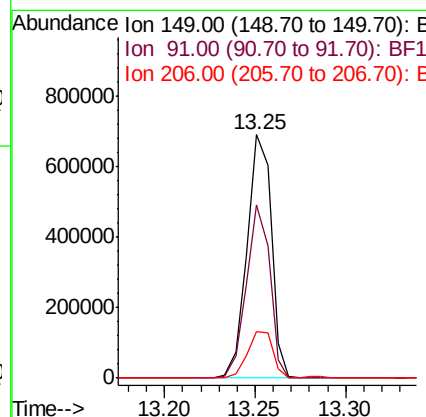
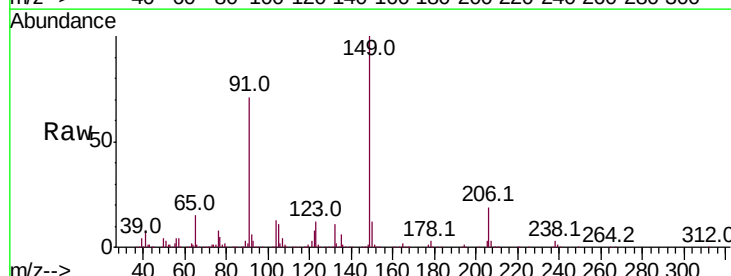
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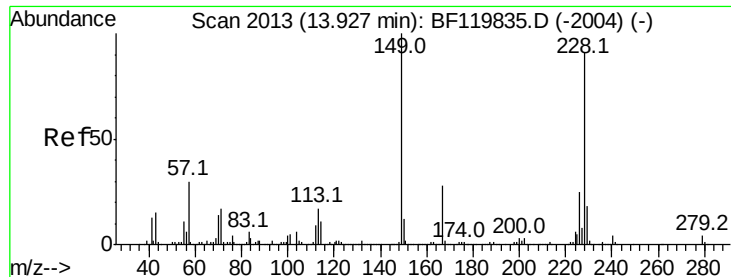
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#80
 Butylbenzylphthalate
 Concen: 40.296 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.0	54.7	82.1
206	18.9	16.2	24.2





#81

Benzo(a)anthracene

Concen: 43.346 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB128274BS

Tot Ion:228 Resp: 1118478

Ion Ratio Lower Upper

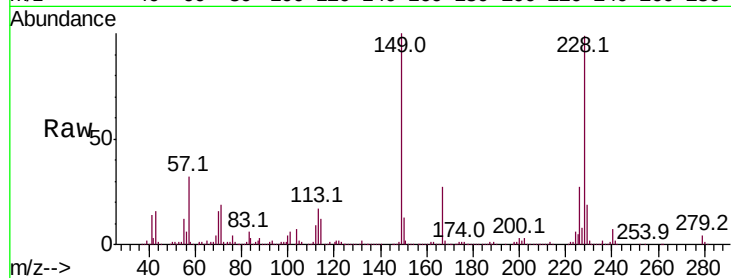
228 100

226 27.4 21.8 32.8

229 19.4 16.2 24.4

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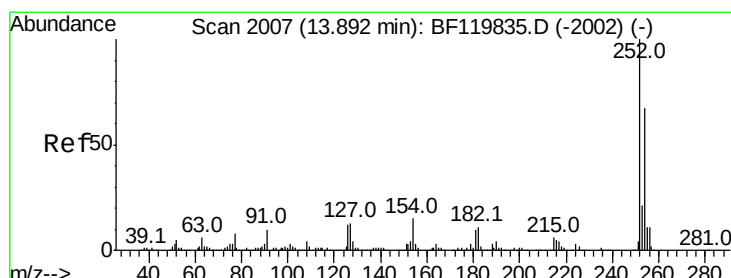
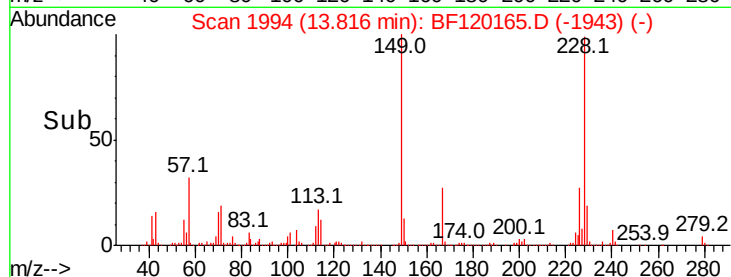
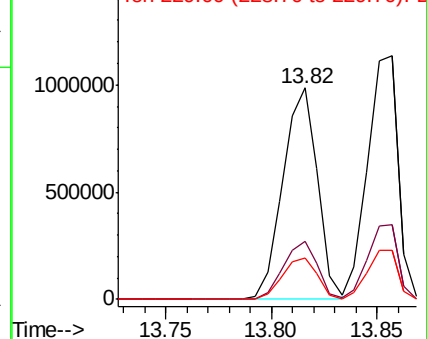


Abundance

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: 24.416 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

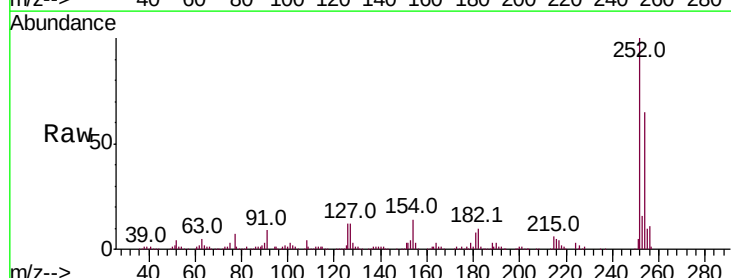
Tgt Ion:252 Resp: 235070

Ion Ratio Lower Upper

252 100

254 64.5 51.2 76.8

126 11.6 9.6 14.4

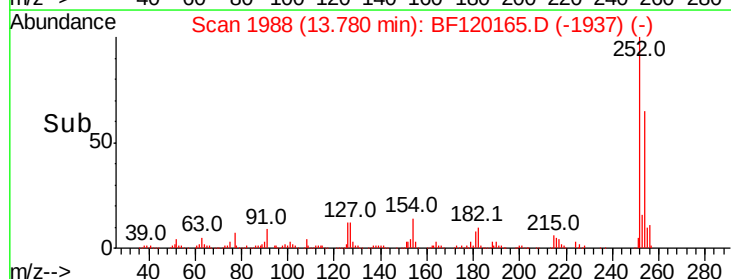
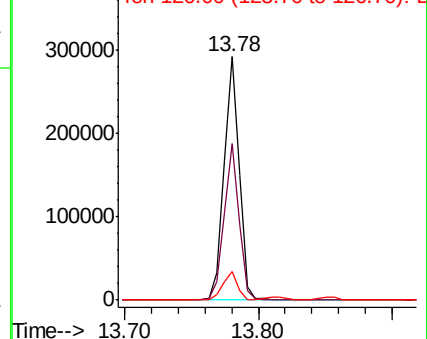


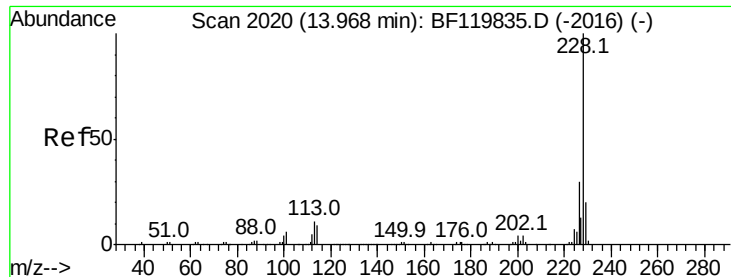
Abundance

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





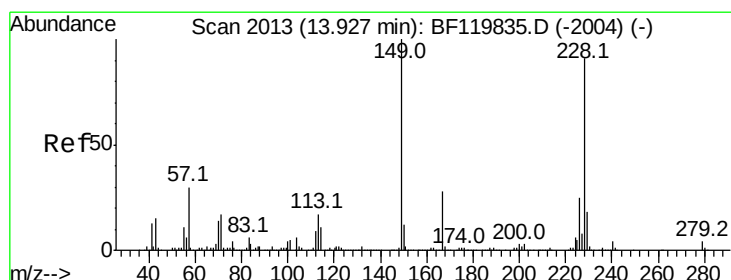
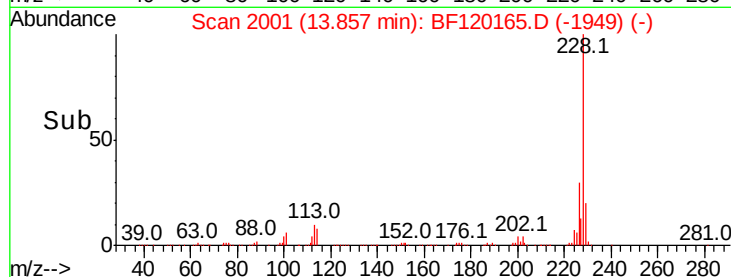
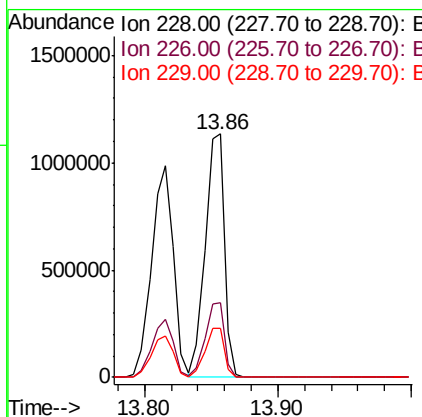
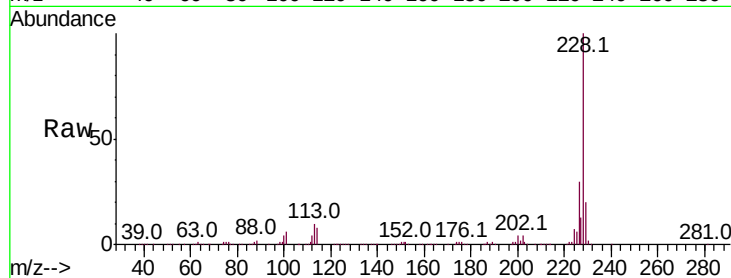
#83
 Chrysene
 Concen: 43.378 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Instrument :
 BNA_F
 ClientSampleID :
 PB128274BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.0
229	19.9	16.6	24.8

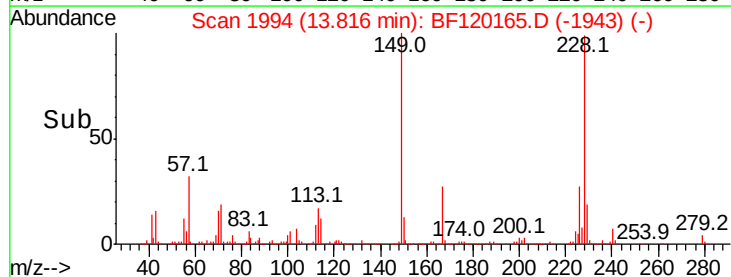
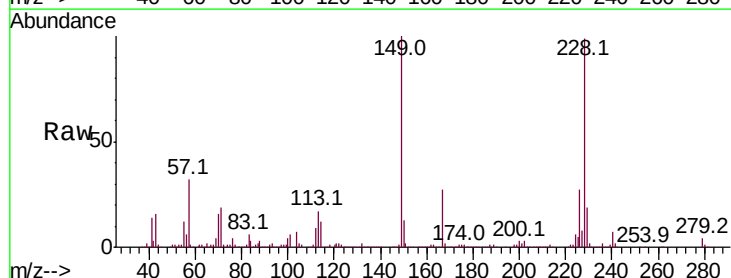
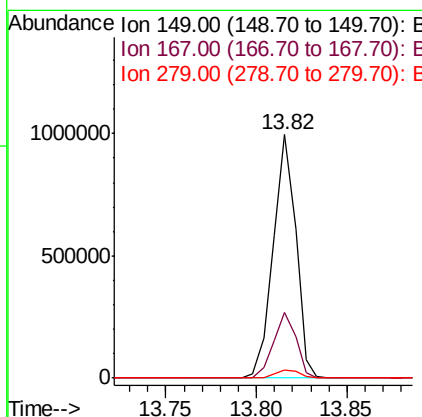
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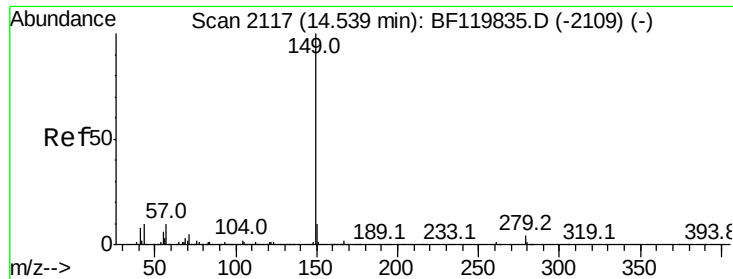
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.861 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BF120165.D
 Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.6	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 39.498 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

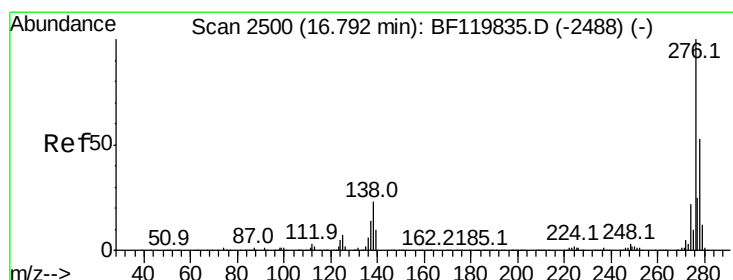
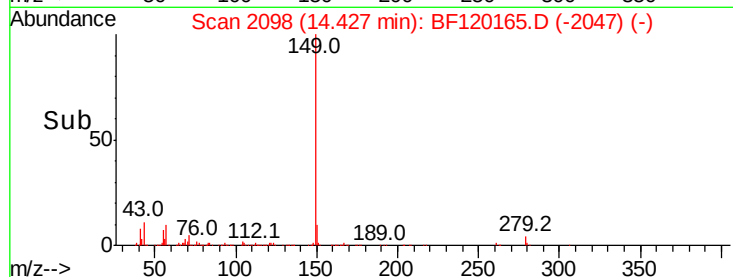
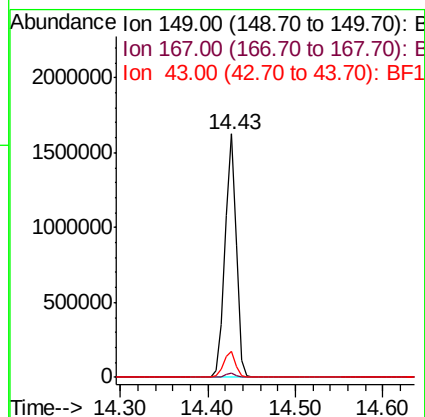
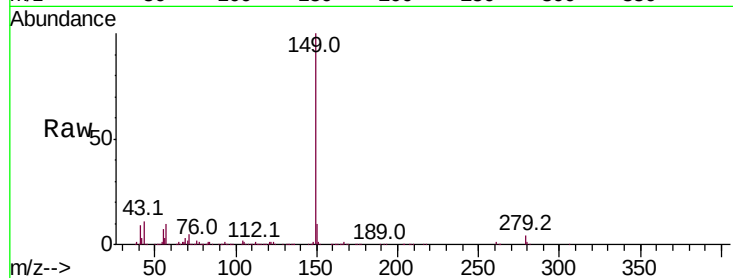
ClientSampleId :

PB128274BS

Tot Ion:	149	Resp:	1461246
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.0	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.174 ng

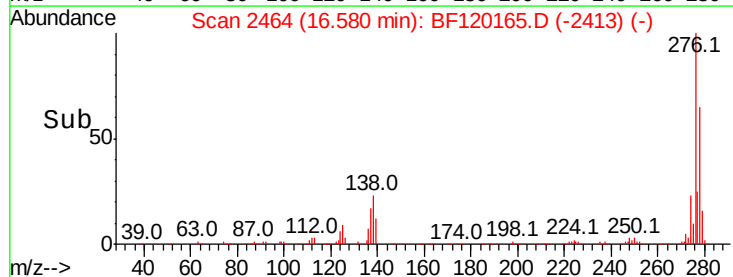
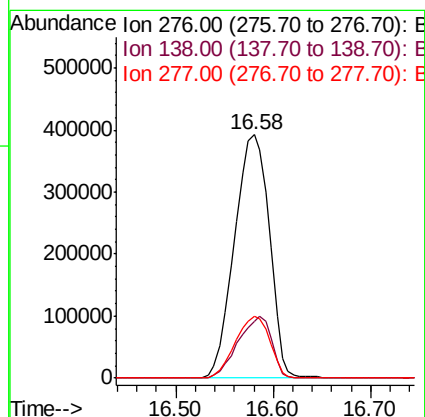
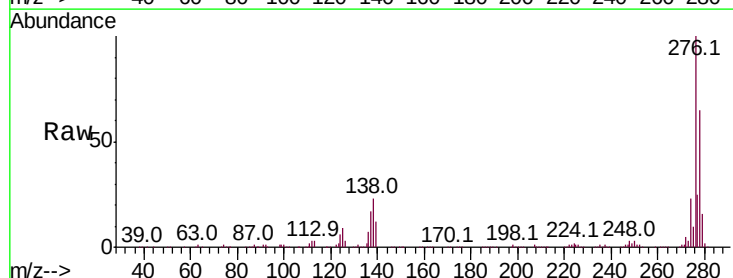
RT: 16.58 min Scan# 2464

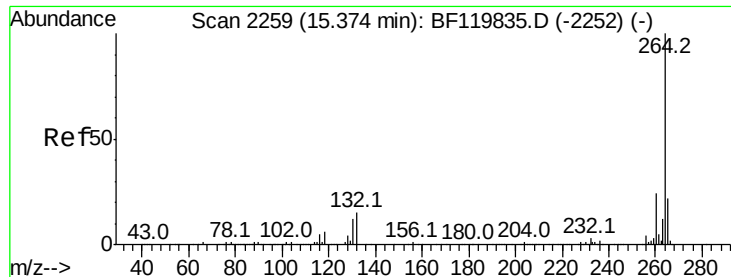
Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion:	276	Resp:	974695
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.6	29.4
277	25.1	20.0	30.0





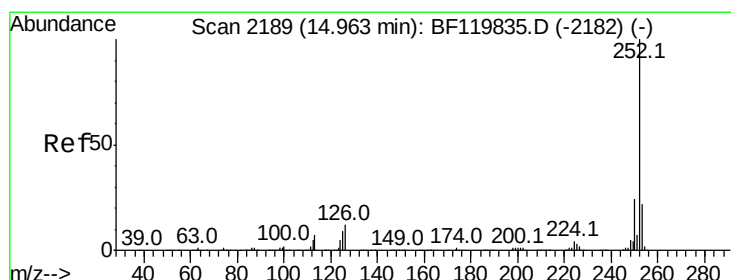
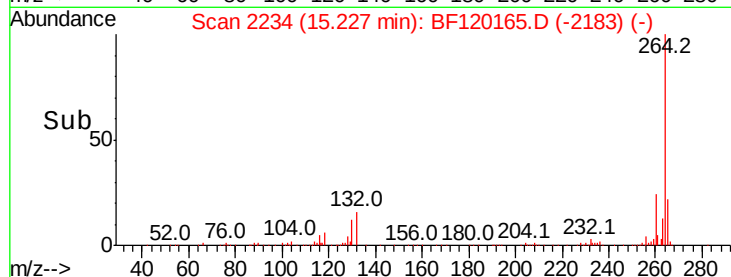
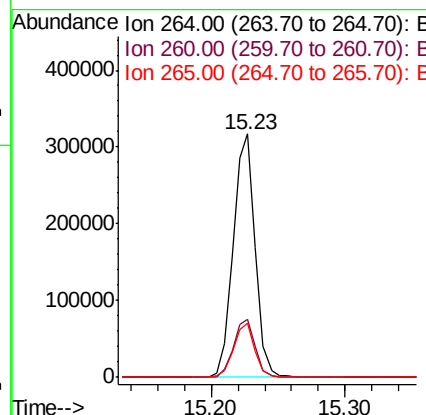
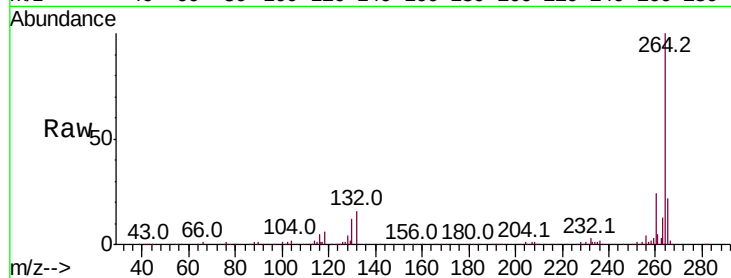
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	17.7	26.5

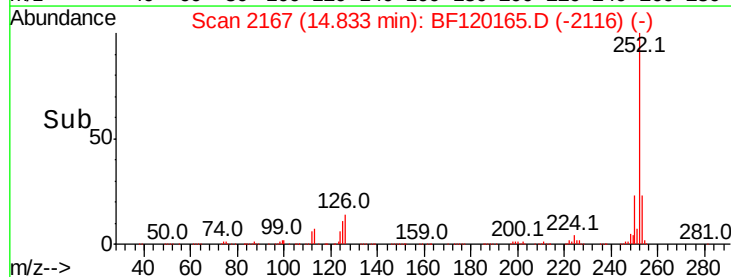
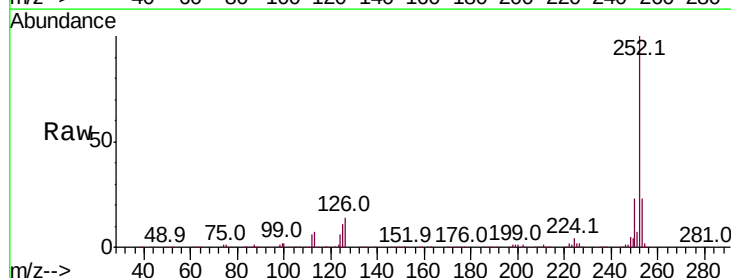
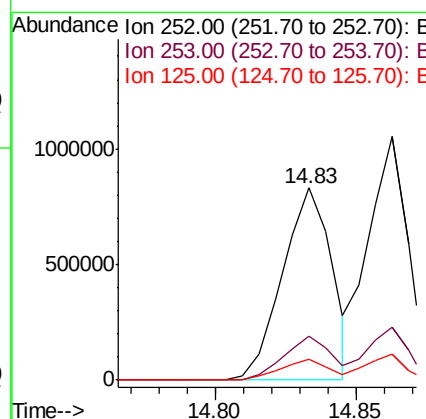
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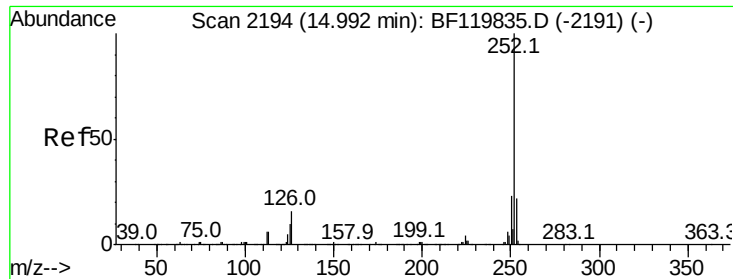
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#88
Benzo(b)fluoranthene
Concen: 38.479 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	10.9	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 45.364 ng

RT: 14.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Instrument :

BNA_F

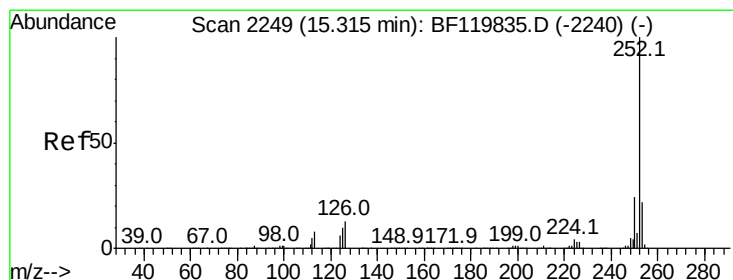
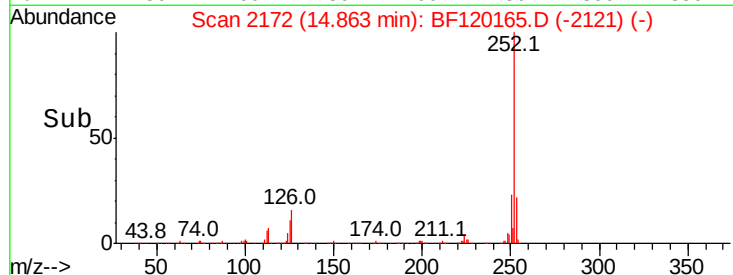
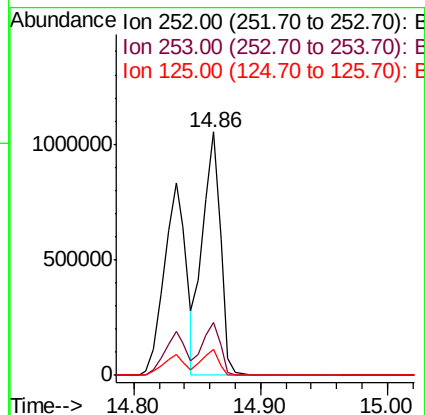
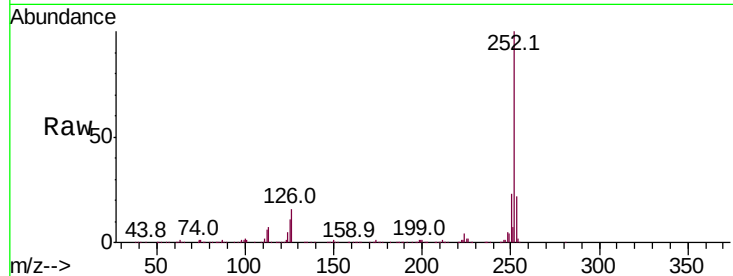
ClientSampleId :

PB128274BS

Tot Ion:252	Resp: 1028079
Ion Ratio	Lower Upper
252 100	
253 21.9	17.8 26.6
125 10.7	8.4 12.6

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#90

Benzo(a)pyrene

Concen: 38.426 ng

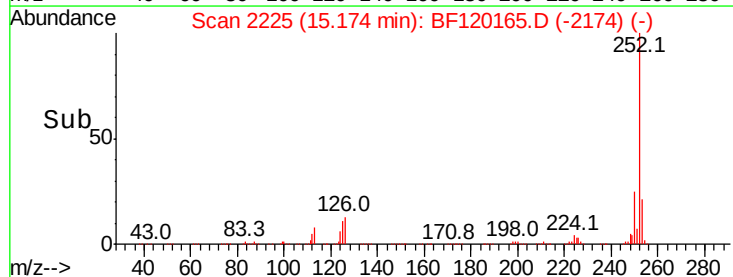
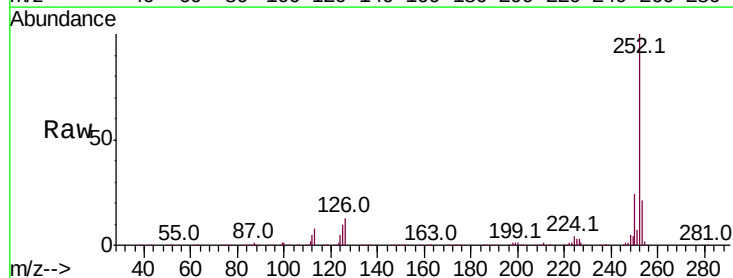
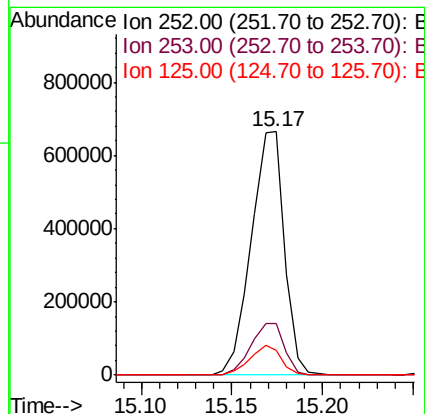
RT: 15.17 min Scan# 2225

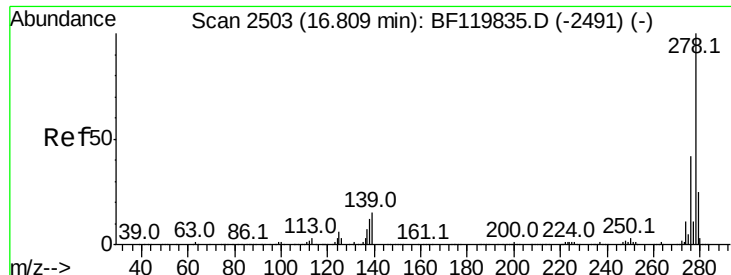
Delta R.T. -0.00 min

Lab File: BF120165.D

Acq: 23 Apr 2020 16:03

Tgt Ion:252	Resp: 848626
Ion Ratio	Lower Upper
252 100	
253 21.2	18.2 27.2
125 10.4	9.4 14.2





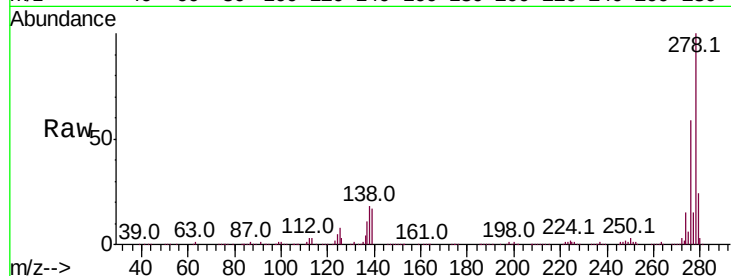
#91
Dibenzo(a,h)anthracene
Concen: 41.403 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB128274BS

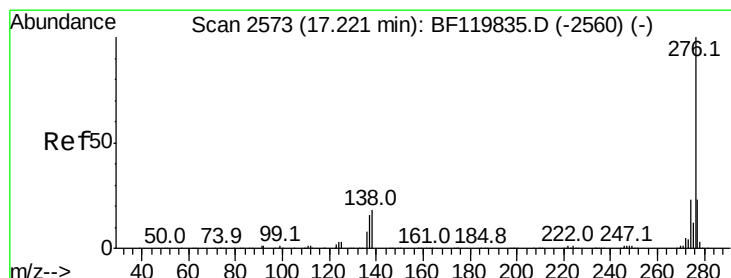
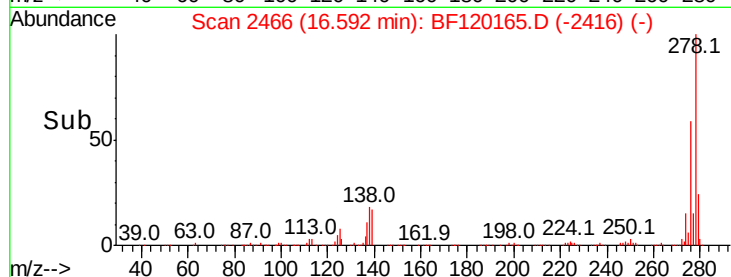
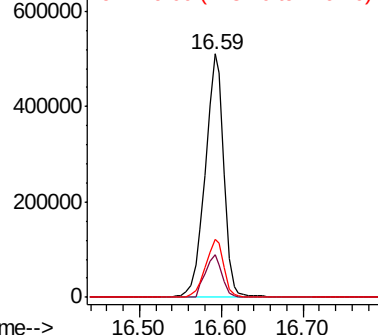
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.6	19.0
279	24.0	19.0	28.6

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



#92
Benzo(g,h,i)perylene
Concen: 39.715 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BF120165.D
Acq: 23 Apr 2020 16:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	21.0	15.4	23.0

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

