

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120195.D
 Acq On : 24 Apr 2020 12:01
 Operator : MA/SJ
 Sample : L2381-01MS
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 ETGI-337MS

Manual Integrations
 APPROVED

mohammad
 4/27/2020 3:04:11 PM

Quant Time: Apr 24 13:09:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	144167	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	578727	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	302146	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	522787	20.00	ng	0.00
76) Chrysene-d12	13.83	240	298580	20.00	ng	0.00
87) Perylene-d12	15.22	264	267347	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	251463	30.14	ng	0.00
7) Phenol-d6	6.32	99	445618	41.46	ng	0.00
23) Nitrobenzene-d5	7.23	82	415144	37.11	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	78733	21.28	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	886601	41.66	ng	0.00
79) Terphenyl-d14	12.77	244	864949	48.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	155069	41.735	ng	99
3) Pyridine	3.02	79	441804	43.339	ng	94
4) n-Nitrosodimethylamine	2.99	42	252425	48.463	ng	99
6) Aniline	6.33	93	388942	27.568	ng	# 1
8) 2-Chlorophenol	6.46	128	508389	54.543	ng	96
9) Benzaldehyde	6.21	77	202641	32.321	ng	100
10) Phenol	6.33	94	646996	53.055	ng	82
11) bis(2-Chloroethyl)ether	6.40	93	484549	51.461	ng	99
12) 1,3-Dichlorobenzene	6.60	146	509987	49.977	ng	98
13) 1,4-Dichlorobenzene	6.68	146	511381	49.196	ng	98
14) 1,2-Dichlorobenzene	6.83	146	482888	50.407	ng	100
15) Benzyl Alcohol	6.82	79	412057	49.354	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	798039	43.555	ng	78
17) 2-Methylphenol	6.94	107	400567	48.156	ng	# 92
18) Hexachloroethane	7.17	117	197016	50.714	ng	100
19) n-Nitroso-di-n-propylamine	7.09	70	361459	52.292	ng	96
20) 3+4-Methylphenols	7.10	107	532510	52.344	ng	# 79
22) Acetophenone	7.08	105	697958	51.502	ng	# 99
24) Nitrobenzene	7.25	77	540769	48.054	ng	98
25) Isophorone	7.50	82	991402	45.974	ng	100
26) 2-Nitrophenol	7.57	139	280965	49.974	ng	97
27) 2,4-Dimethylphenol	7.62	122	428414	50.525	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	621044	48.942	ng	99
29) 2,4-Dichlorophenol	7.82	162	417410	48.025	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	455015	46.203	ng	99
31) Naphthalene	7.97	128	1433853	47.091	ng	98
32) Benzoic acid	7.77	122	334665	44.940	ng	95
33) 4-Chloroaniline	8.03	127	122862	9.269	ng	99
34) Hexachlorobutadiene	8.09	225	257989	43.763	ng	99
35) Caprolactam	8.41	113	128682m	48.401	ng	
36) 4-Chloro-3-methylphenol	8.53	107	459583	48.840	ng	99
37) 2-Methylnaphthalene	8.67	142	985220	47.726	ng	97
38) 1-Methylnaphthalene	8.76	142	935081	48.059	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	431591	45.226	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	330606	60.924	nq	99
43) 2,4,6-Trichlorophenol	8.95	196	285161	43.272	nq	98
44) 2,4,5-Trichlorophenol	9.00	196	312174	42.059	nq	98
46) 1,1'-Biphenyl	9.13	154	1155743	45.318	nq	98
47) 2-Chloronaphthalene	9.16	162	890106	45.307	nq	97
48) 2-Nitroaniline	9.26	65	308592	43.345	nq	100
49) Acenaphthylene	9.57	152	1428233	47.802	nq	98
50) Dimethylphthalate	9.45	163	1058634	45.298	nq	99
51) 2,6-Dinitrotoluene	9.50	165	238618	46.625	nq	97
52) Acenaphthene	9.74	154	855389	42.919	nq	99
53) 3-Nitroaniline	9.67	138	142134	24.317	nq	96
54) 2,4-Dinitrophenol	9.78	184	261171	85.238	nq	# 87
55) Dibenzofuran	9.92	168	1253130	45.819	nq	99
56) 4-Nitrophenol	9.86	139	332039	76.349	nq	99
57) 2,4-Dinitrotoluene	9.91	165	298782	44.312	nq	# 93
58) Fluorene	10.26	166	907271	41.479	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.04	232	261831	46.124	nq	97
60) Diethylphthalate	10.14	149	1076812	44.456	nq	100
61) 4-Chlorophenyl-phenylether	10.25	204	445165	39.709	nq	98
62) 4-Nitroaniline	10.29	138	221538	39.771	nq	99
63) Azobenzene	10.41	77	988428	45.534	nq	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	159894	46.425	nq	87
66) n-Nitrosodiphenylamine	10.37	169	878233	50.513	nq	99
67) 4-Bromophenyl-phenylether	10.74	248	280432	43.134	nq	96
68) Hexachlorobenzene	10.80	284	279994	42.453	nq	94
69) Atrazine	10.90	200	266021	54.992	nq	98
70) Pentachlorophenol	11.00	266	291328	76.649	nq	98
71) Phenanthrene	11.22	178	1278830	45.963	nq	98
72) Anthracene	11.27	178	1284974	45.209	nq	98
73) Carbazole	11.43	167	1284080	47.773	nq	99
74) Di-n-butylphthalate	11.76	149	1740439	49.255	nq	99
75) Fluoranthene	12.40	202	1428186	47.573	nq	99
77) Benzidine	12.52	184	589415	58.399	nq	99
78) Pyrene	12.63	202	1362617	54.135	nq	99
80) Butylbenzylphthalate	13.25	149	645904	52.883	nq	98
81) Benzo(a)anthracene	13.82	228	941929	47.954	nq	99
82) 3,3'-Dichlorobenzidine	13.78	252	204231	27.866	nq	98
83) Chrysene	13.85	228	957529	47.976	nq	98
84) Bis(2-ethylhexyl)phthalate	13.82	149	846124	51.157	nq	99
85) Di-n-octyl phthalate	14.42	149	1341656	47.641	nq	98
86) Indeno(1,2,3-cd)pyrene	16.57	276	924044	52.523	nq	99
88) Benzo(b)fluoranthene	14.83	252	878364	45.671	nq	99
89) Benzo(k)fluoranthene	14.86	252	708328	42.686	nq	98
90) Benzo(a)pyrene	15.17	252	715641	44.256	nq	98
91) Dibenzo(a,h)anthracene	16.59	278	776102	54.183	nq	99
92) Benzo(g,h,i)perylene	16.98	276	795399	56.256	nq	97

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

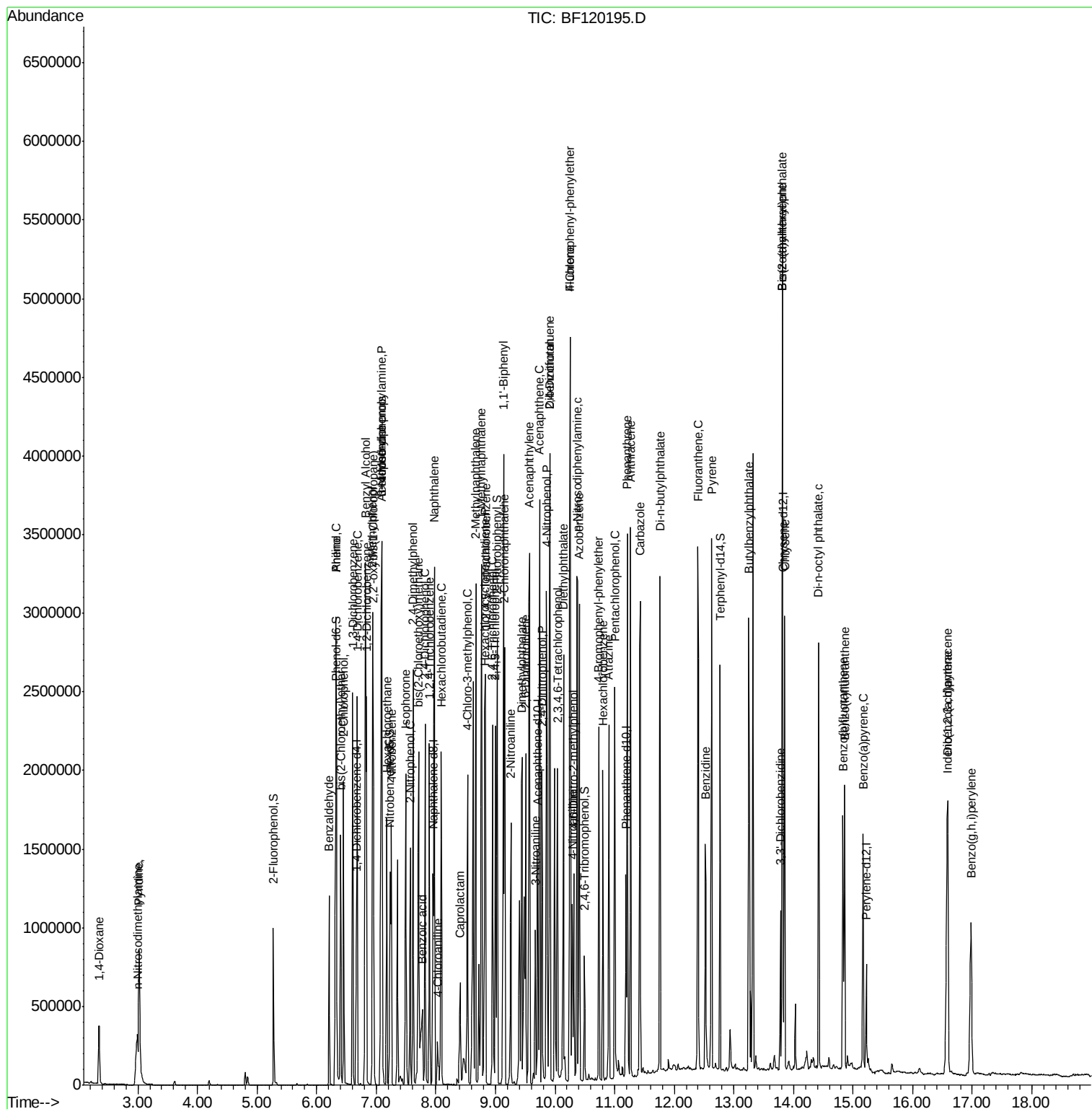
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
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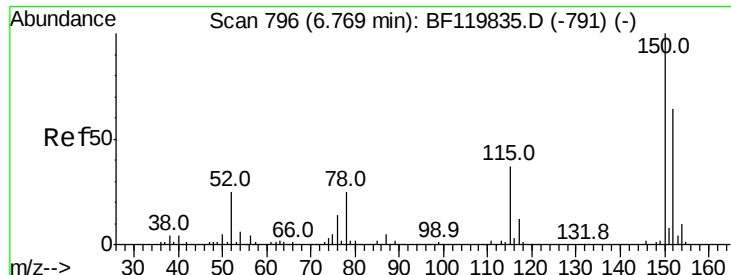
Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

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#1

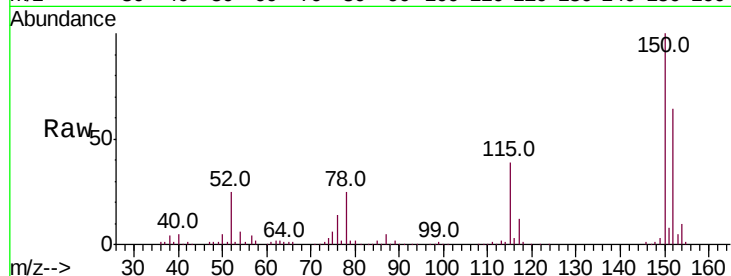
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.5	186.7
115	61.4	49.6	74.4

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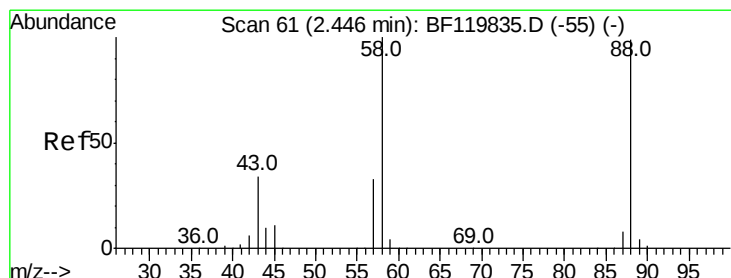
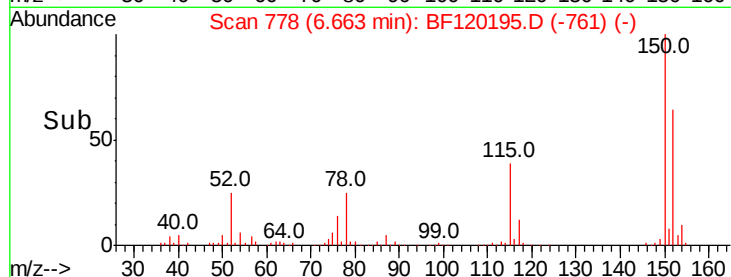
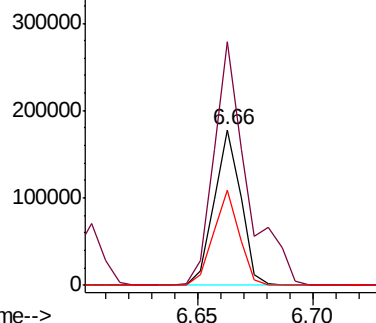


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

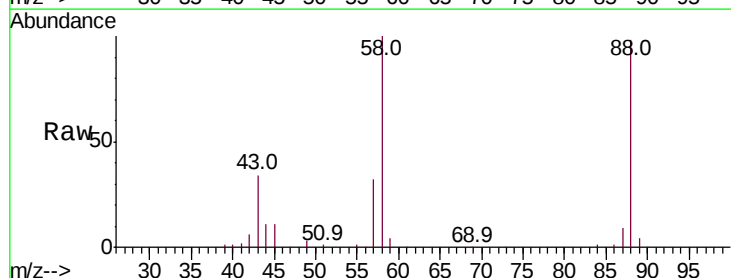
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.735 ng
RT: 2.35 min Scan# 45
Delta R.T. 0.08 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	80.6	121.0
43	35.9	27.5	41.3

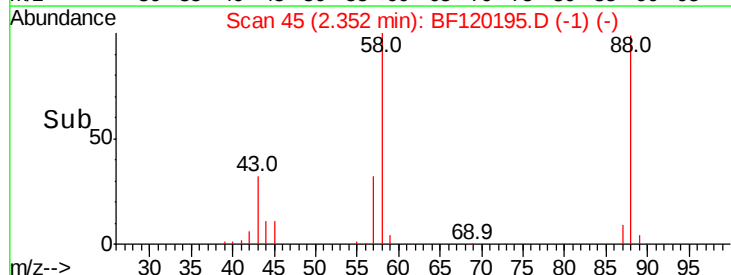
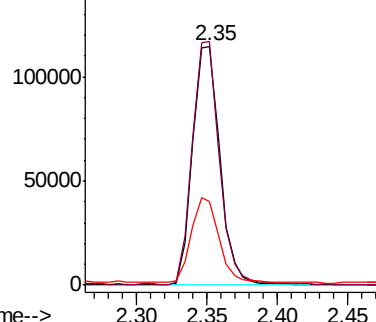


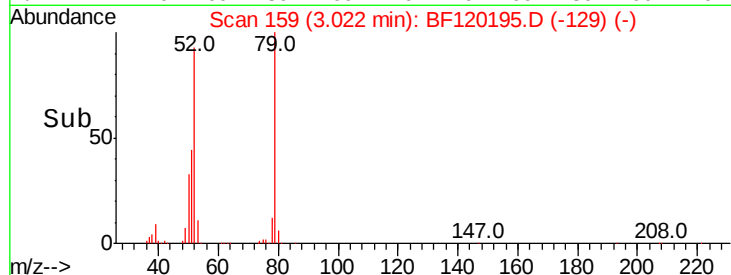
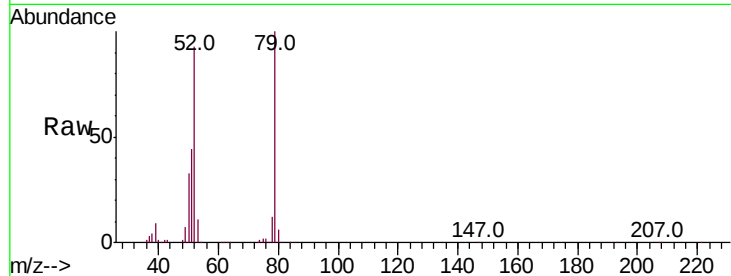
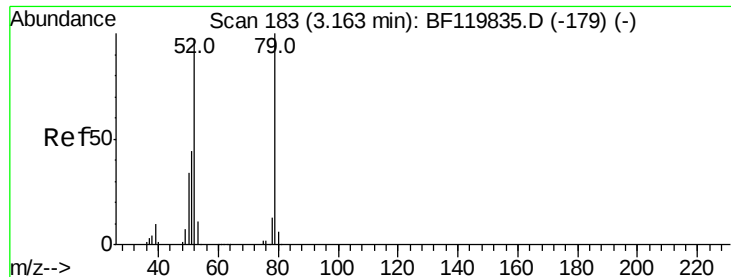
Abundance

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





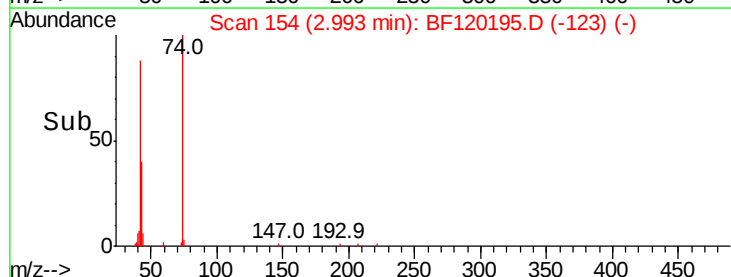
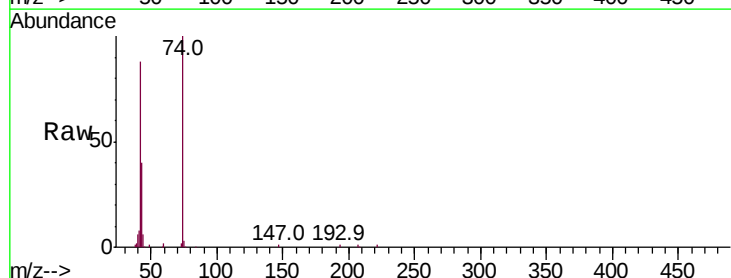
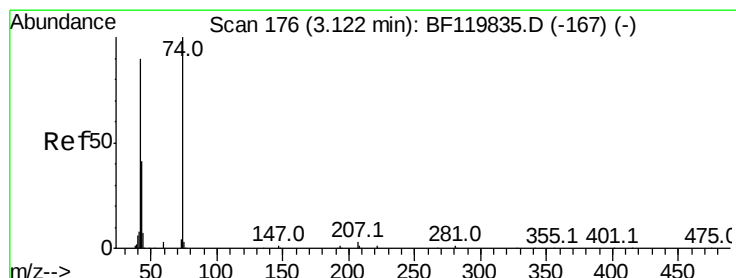
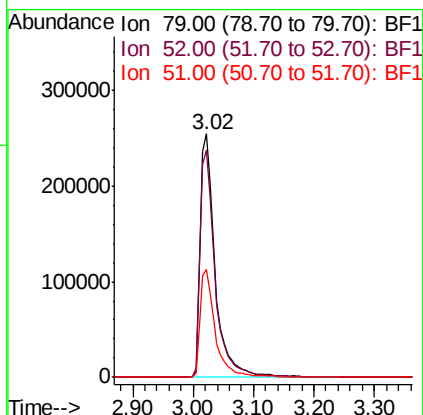
#3
Pvridine
Concen: 43.339 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.08 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.0	80.2	120.2
51	44.2	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

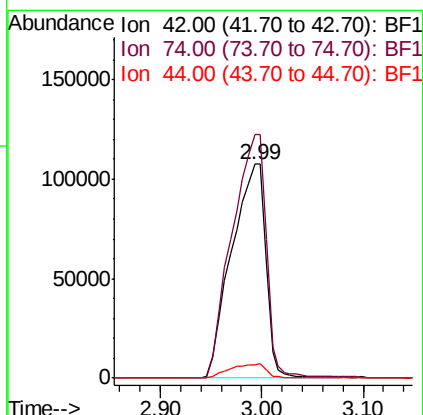
Manual Integrations
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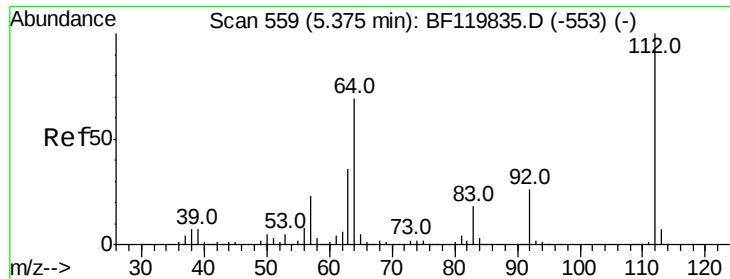
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#4
n-Nitrosodimethylamine
Concen: 48.463 ng
RT: 2.99 min Scan# 154
Delta R.T. 0.08 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.8	91.5	137.3
44	6.4	6.2	9.4





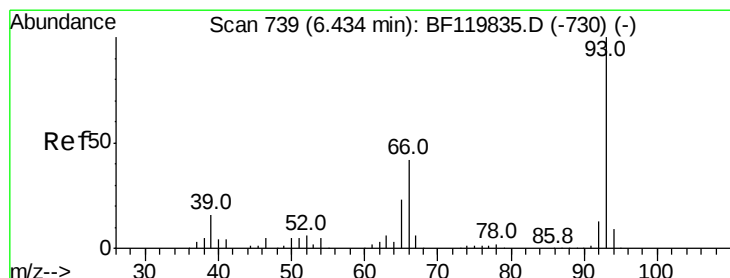
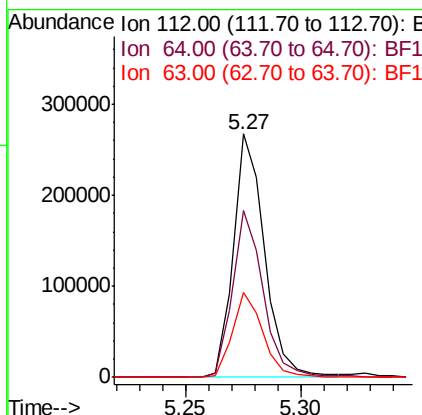
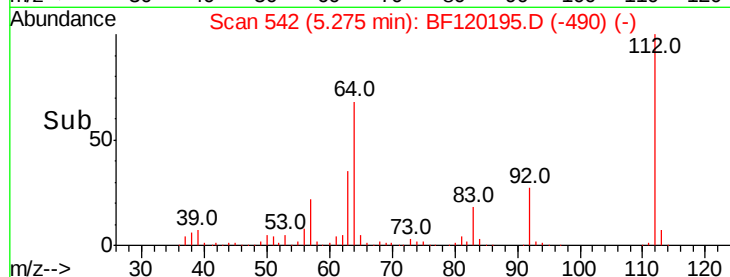
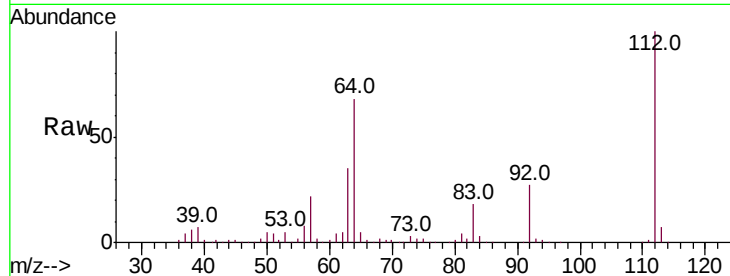
#5
2-Fluorophenol
Concen: 30.144 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	251463		
64	68.4	56.7	85.1	
63	34.9	29.5	44.3	

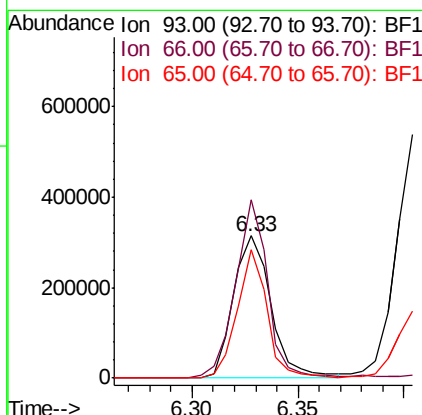
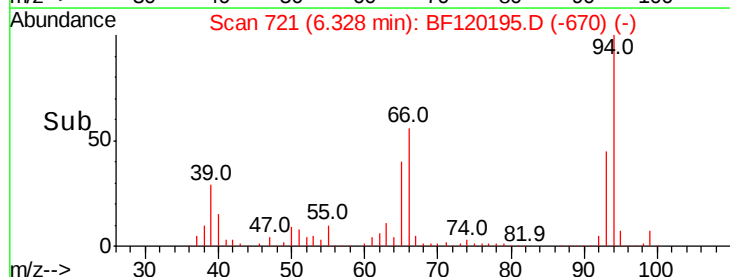
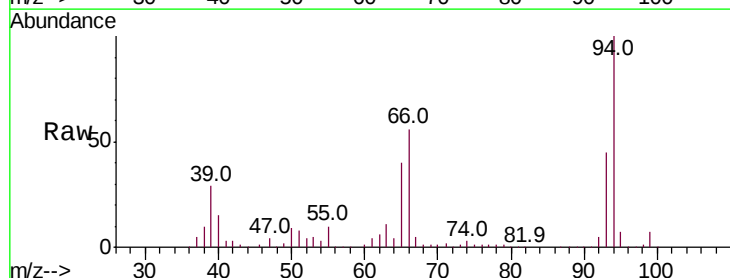
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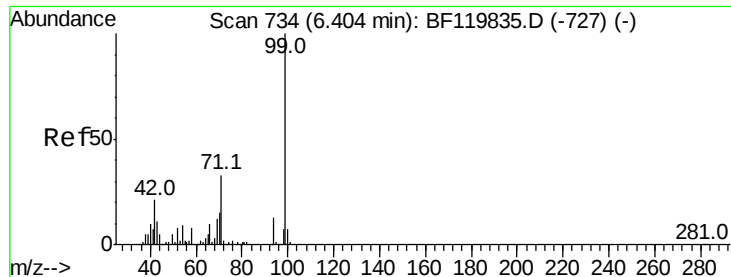
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#6
Aniline
Concen: 27.568 ng
RT: 6.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	388942		
66	125.7	34.9	52.3#	
65	90.2	18.6	27.8#	





#7

Phenol-d6

Concen: 41.456 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

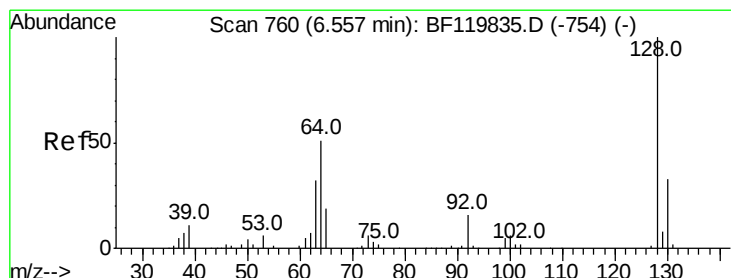
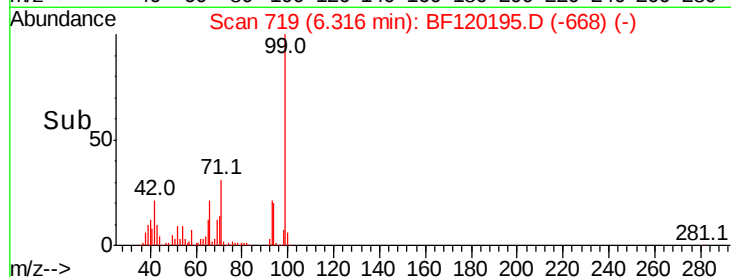
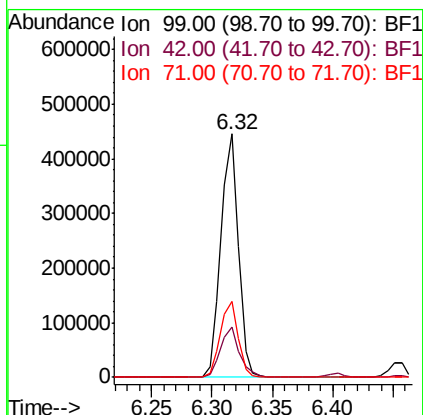
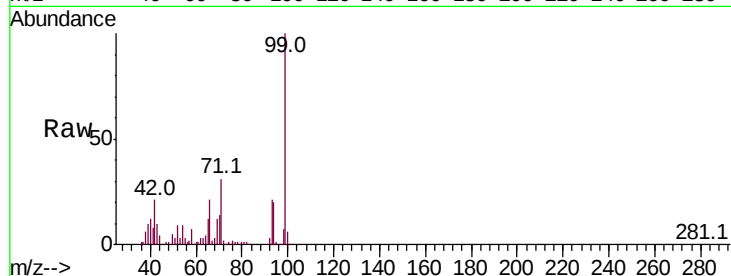
ClientSampleId :

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Tot Ion:	99	Resp:	445618
Ion Ratio	Lower	Upper	
99	100		
42	20.5	16.6	24.8
71	31.2	26.4	39.6

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#8

2-Chlorophenol

Concen: 54.543 ng

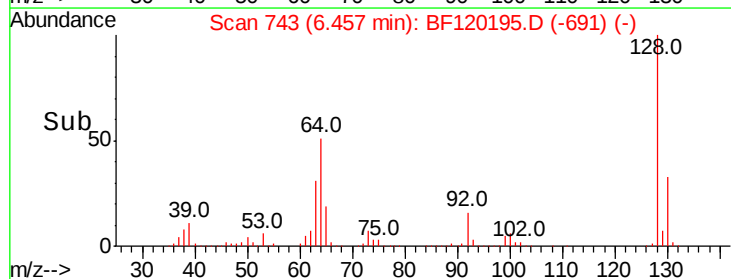
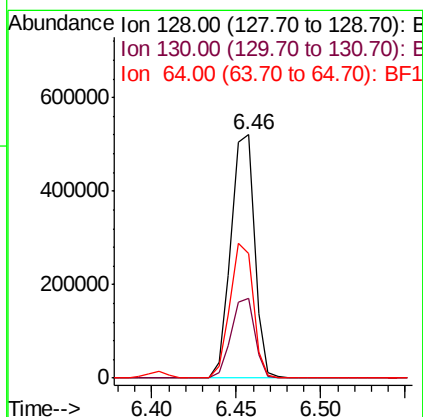
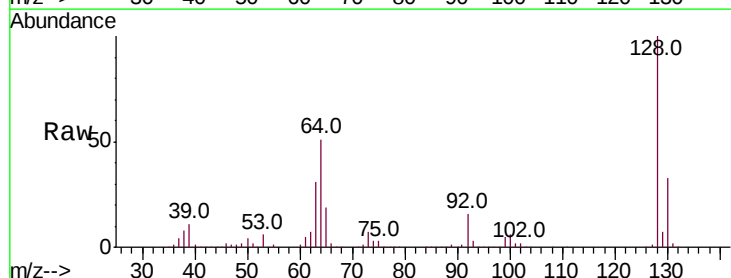
RT: 6.46 min Scan# 743

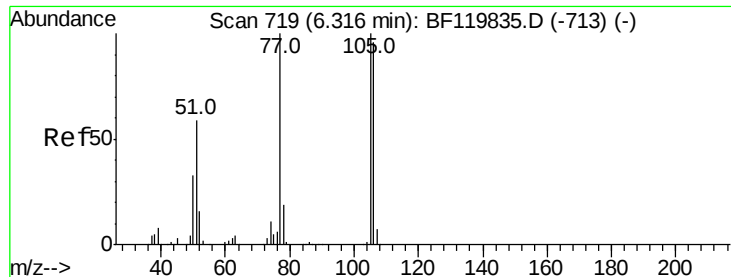
Delta R.T. 0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	128	Resp:	508389
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.6	52.6
64	51.0	35.3	75.3





#9

Benzaldehyde

Concen: 32.321 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

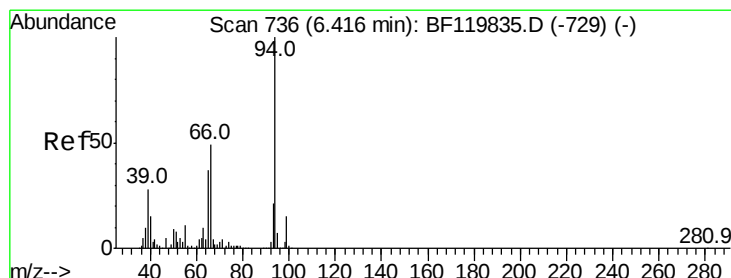
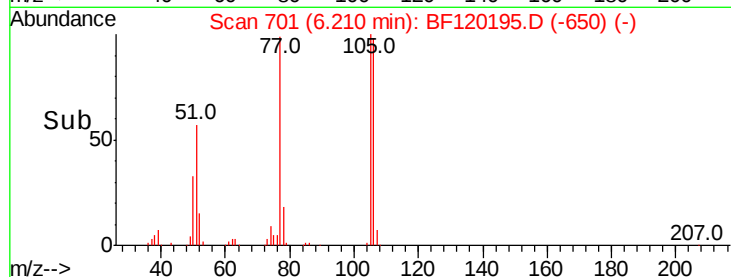
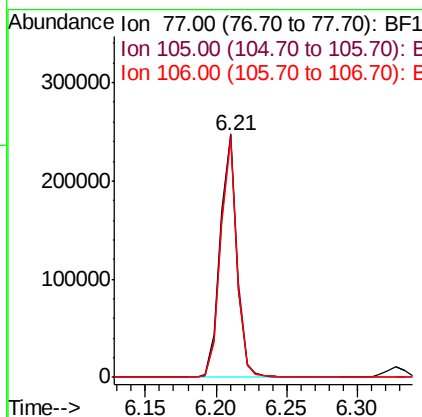
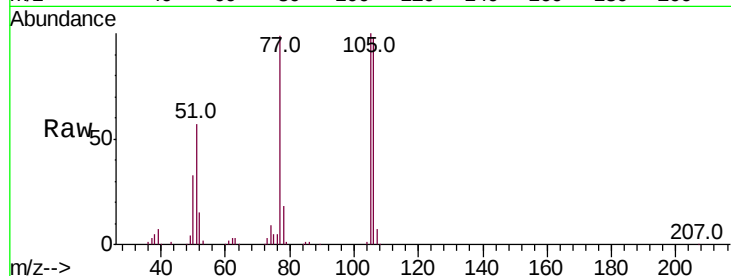
ClientSampleId :

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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.7	80.9	120.9	
106	98.5	77.9	117.9	

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#10

Phenol

Concen: 53.055 ng

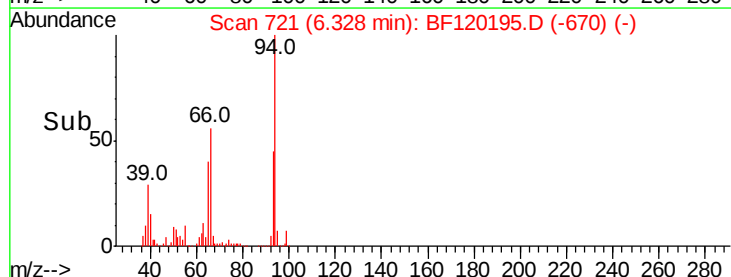
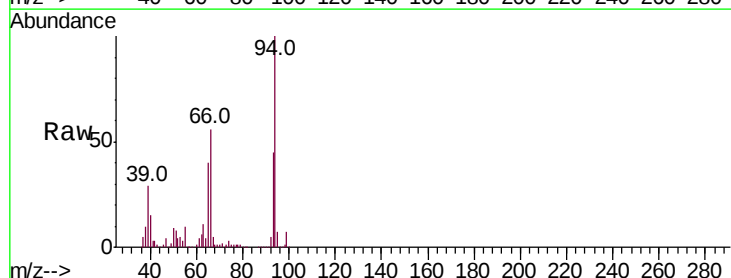
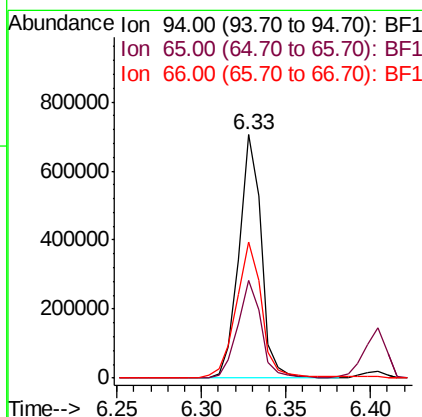
RT: 6.33 min Scan# 721

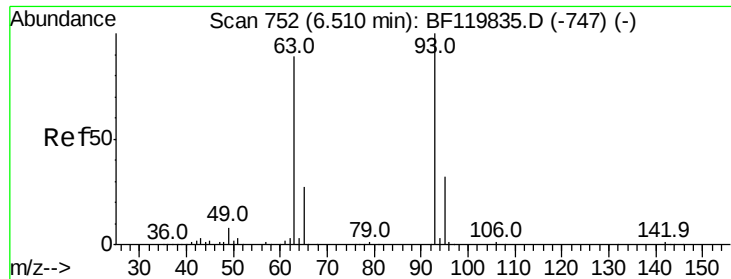
Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	40.3	13.2	53.2	
66	56.1	22.3	62.3	





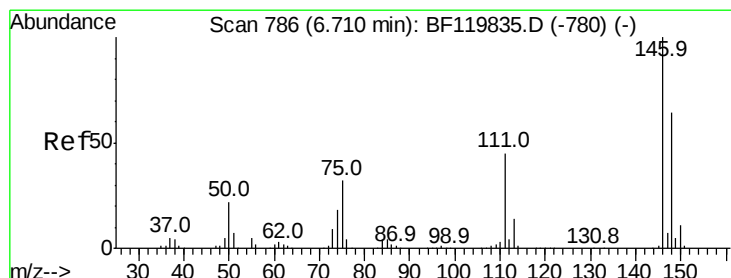
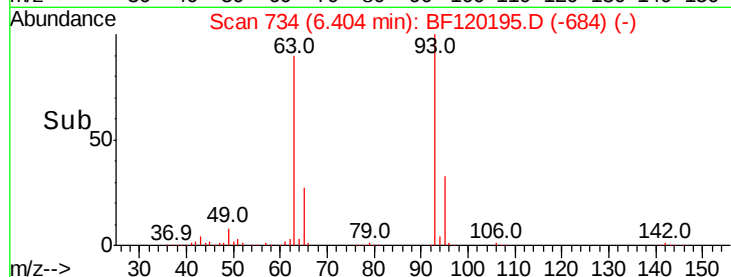
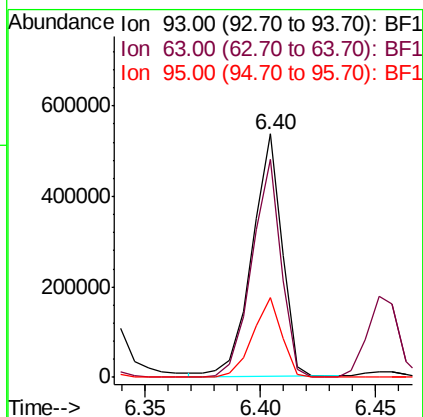
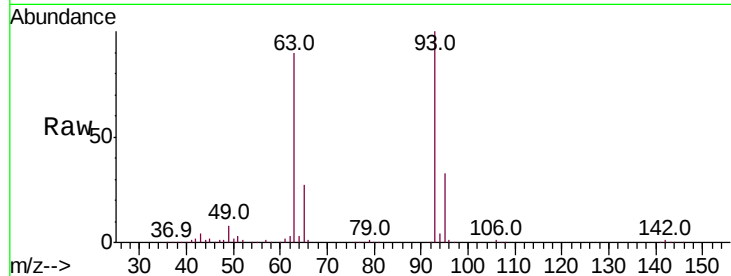
#11
bis(2-Chloroethyl)ether
Concen: 51.461 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	70.2	110.2
95	32.8	13.4	53.4

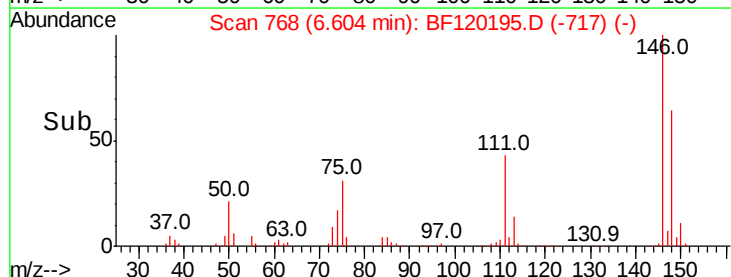
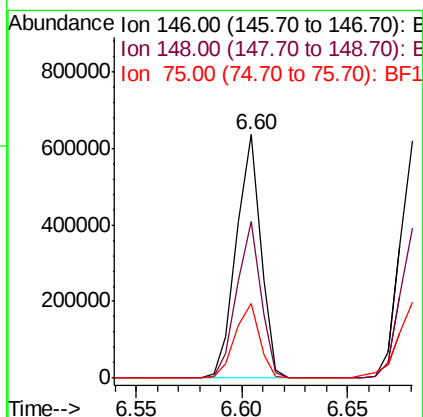
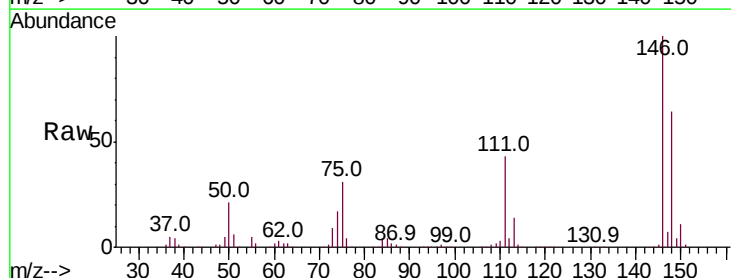
Manual Integrations
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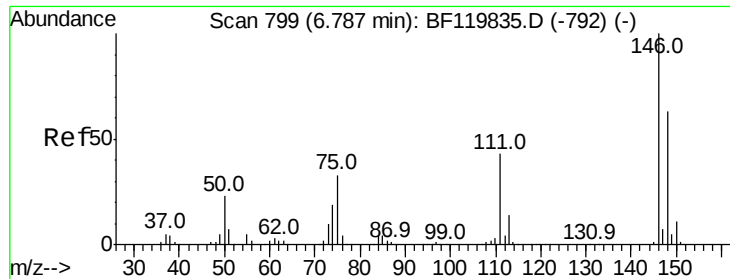
mohammad
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#12
1,3-Dichlorobenzene
Concen: 49.977 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
75	30.6	23.0	34.4





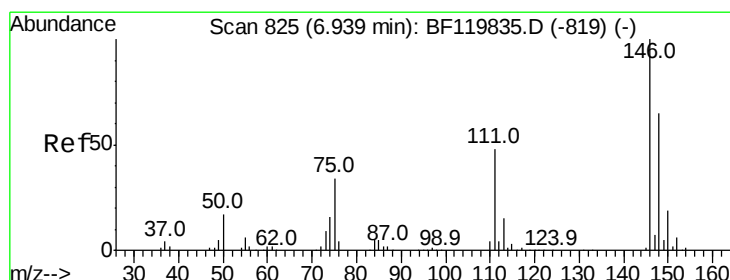
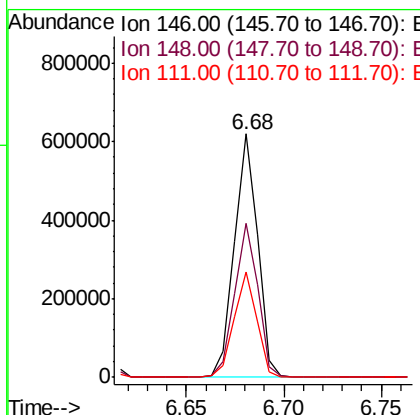
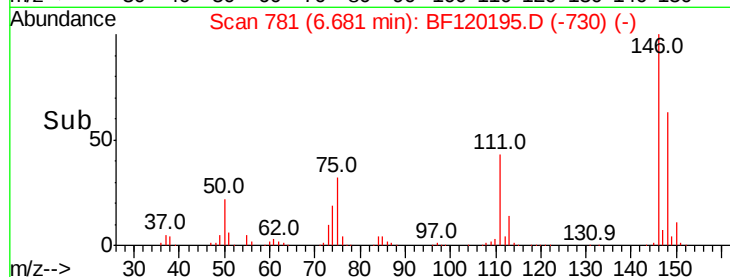
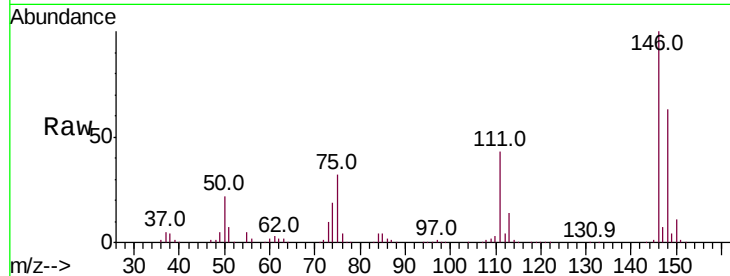
#13
 1,4-Dichlorobenzene
 Concen: 49.196 ng
 RT: 6.68 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.5	77.3
111	43.3	33.3	49.9

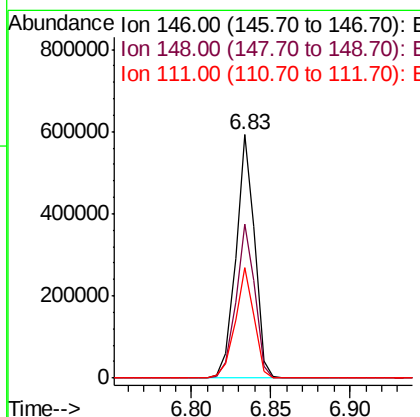
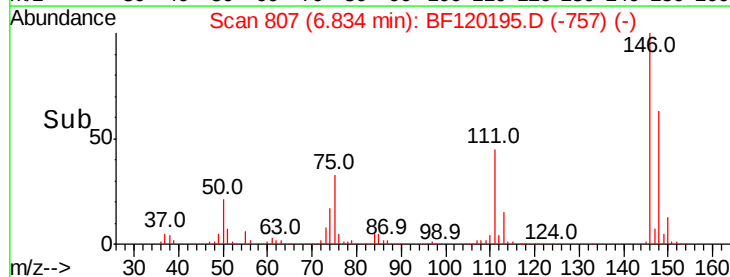
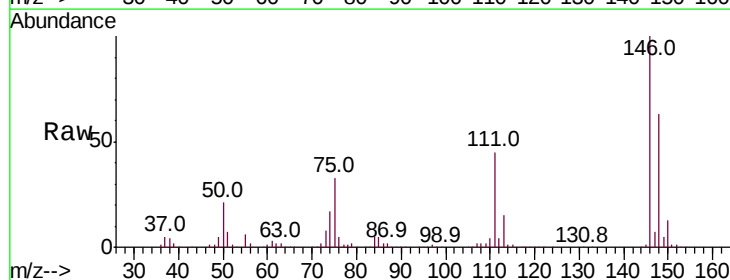
Manual Integrations
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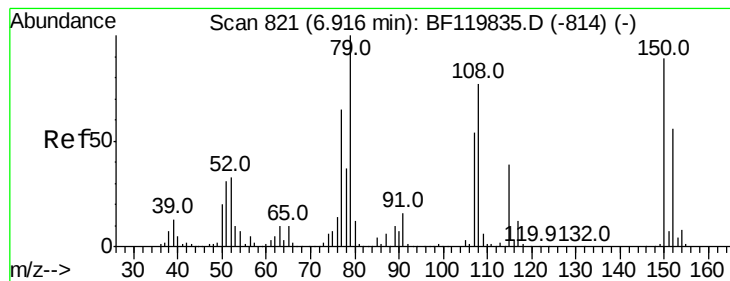
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 50.407 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	45.4	36.1	54.1





#15

Benzyl Alcohol

Concen: 49.354 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

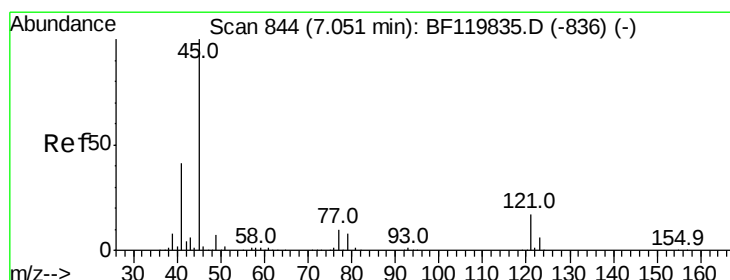
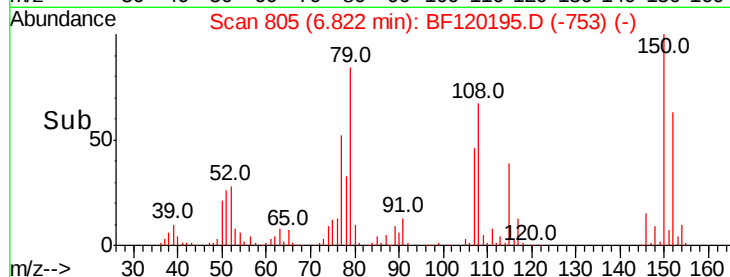
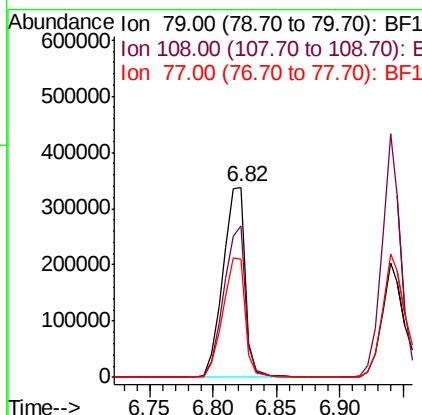
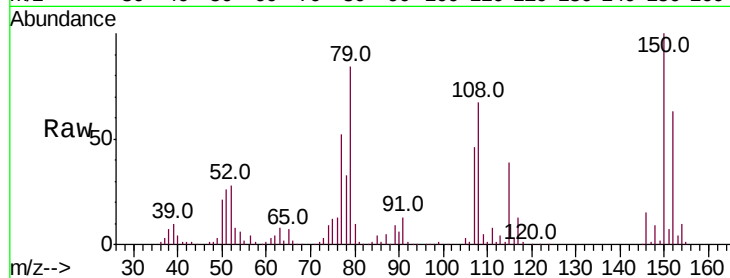
ClientSampled :

ETGI-337MS

Tot Ion:	79	Resp:	412057
Ion Ratio	Lower	Upper	
79	100		
108	80.0	60.6	90.8
77	62.5	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.555 ng

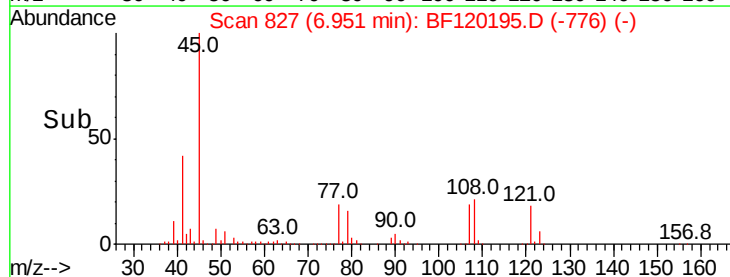
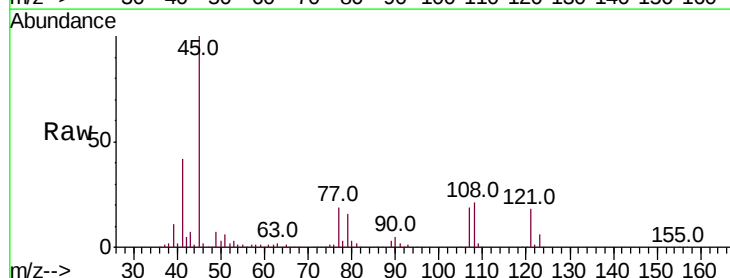
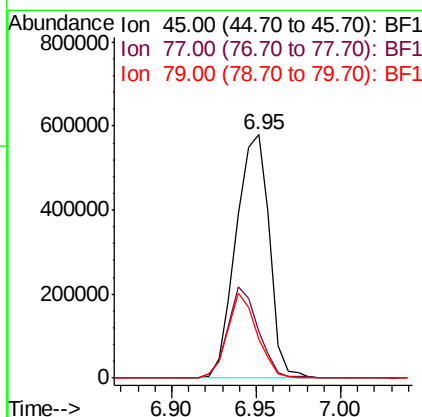
RT: 6.95 min Scan# 827

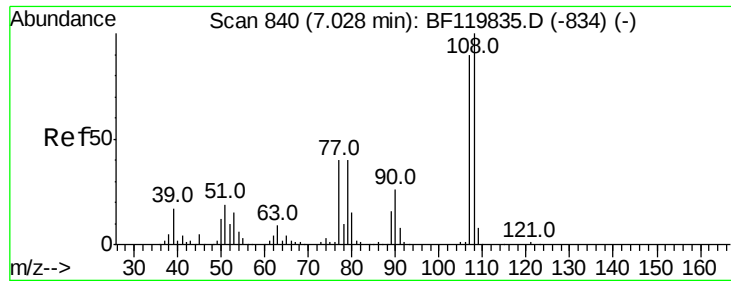
Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	45	Resp:	798039
Ion Ratio	Lower	Upper	
45	100		
77	19.3	0.0	30.7
79	16.0	0.0	28.2





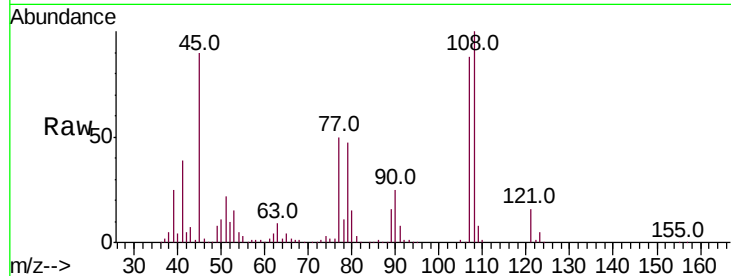
#17
2-Methylphenol
Concen: 48.156 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.2	138.4	
77	57.1	36.6	54.8	
79	53.2	36.2	54.4	

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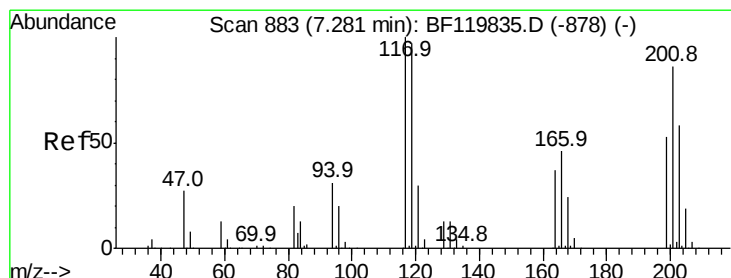
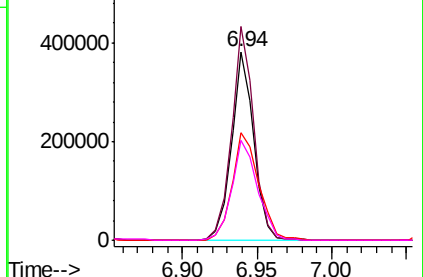
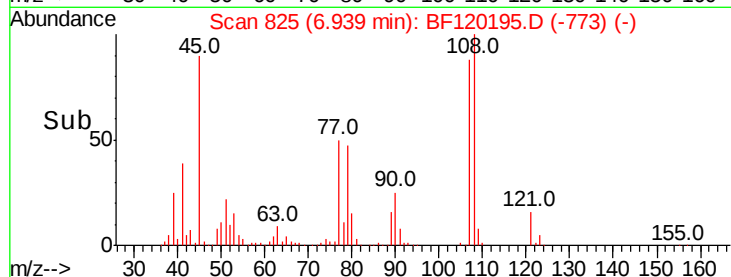
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

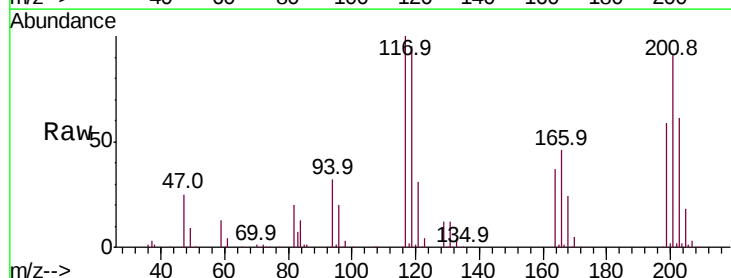
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 50.714 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.1	114.1	
201	91.1	73.0	109.6	

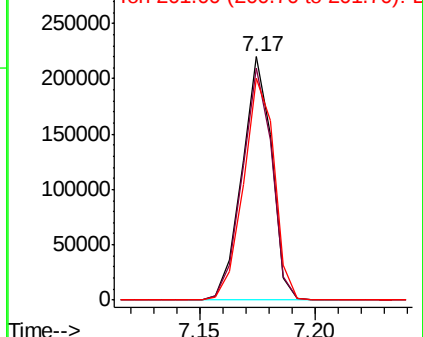
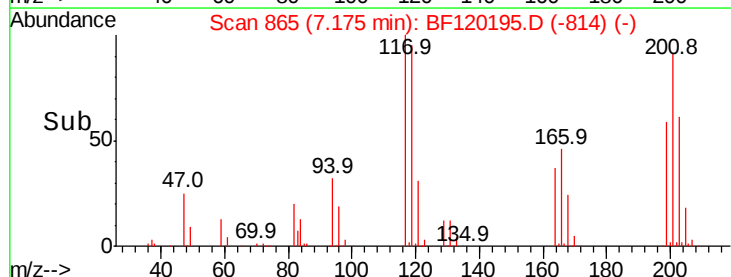


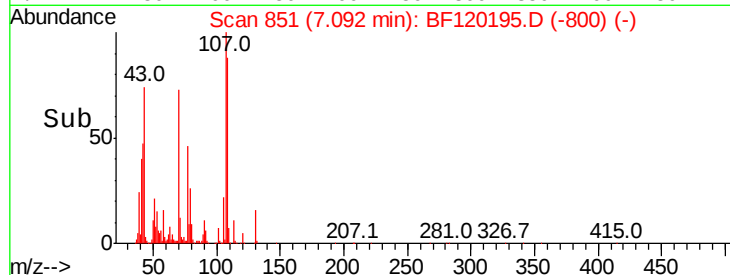
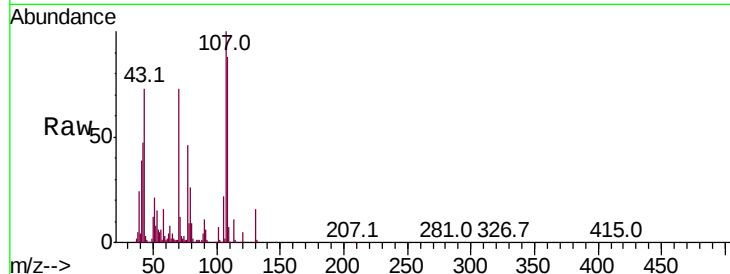
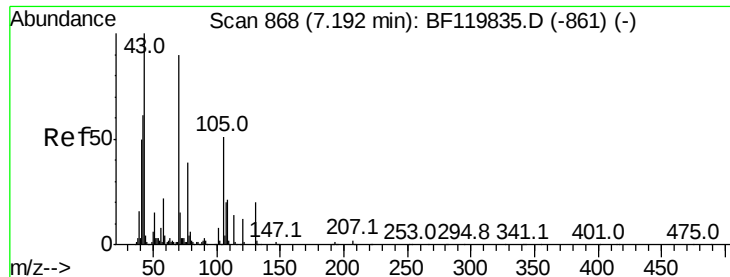
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





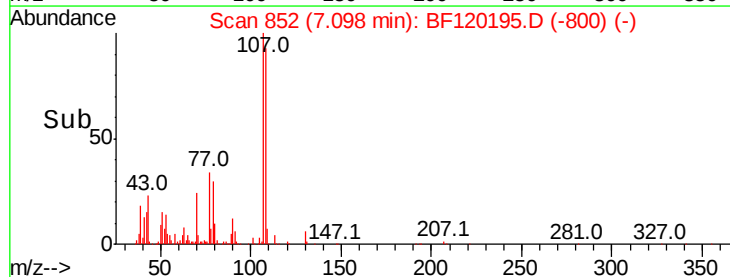
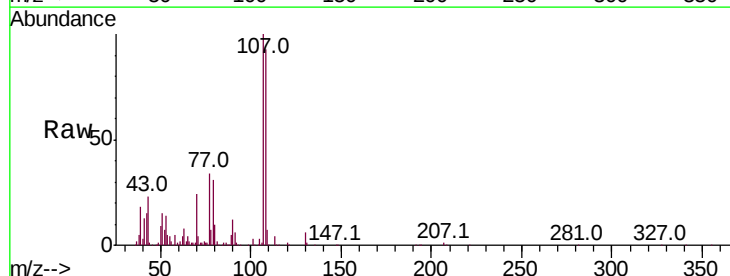
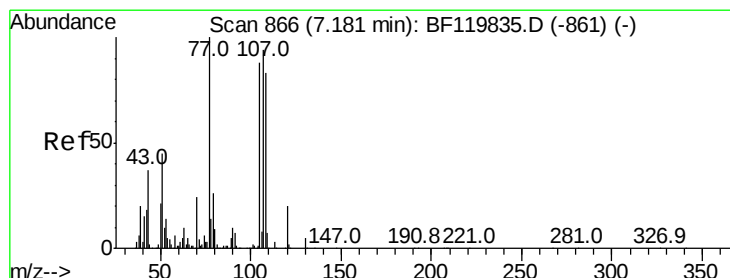
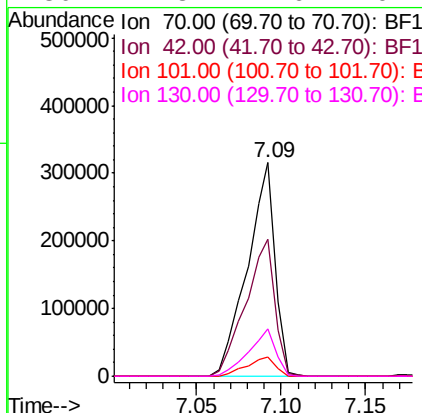
#19
n-Nitroso-di-n-propylamine
Concen: 52.292 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	54.5	81.7
101	9.0	7.6	11.4
130	22.3	17.6	26.4

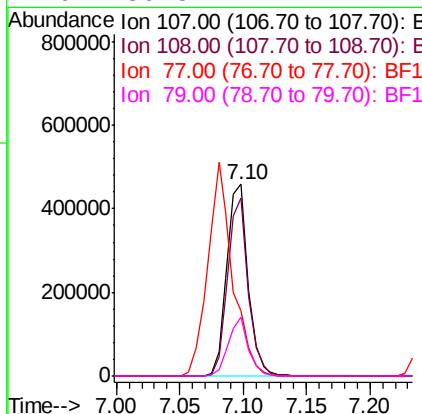
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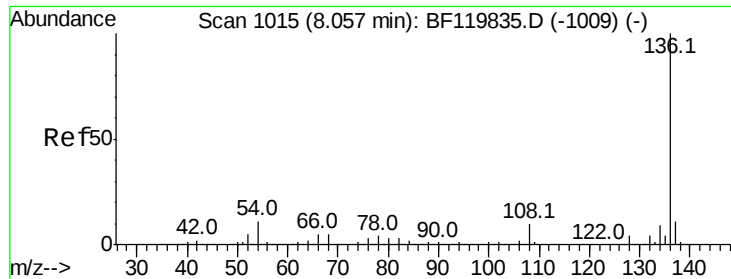
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#20
3+4-Methylphenols
Concen: 52.344 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.8	67.9	107.9
77	34.4	52.9	92.9#
79	30.8	7.7	47.7





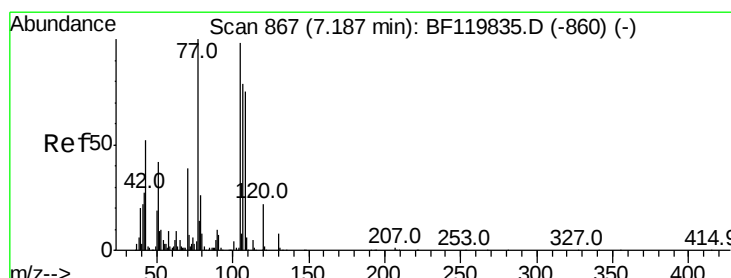
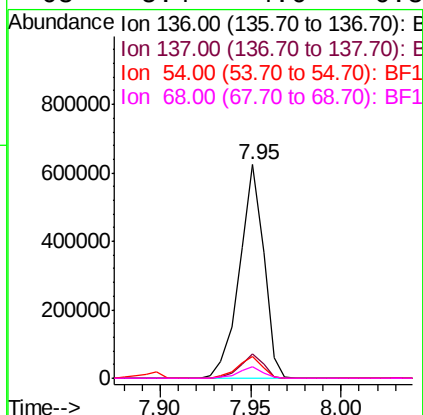
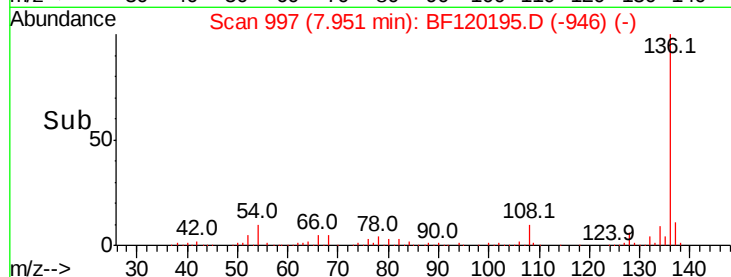
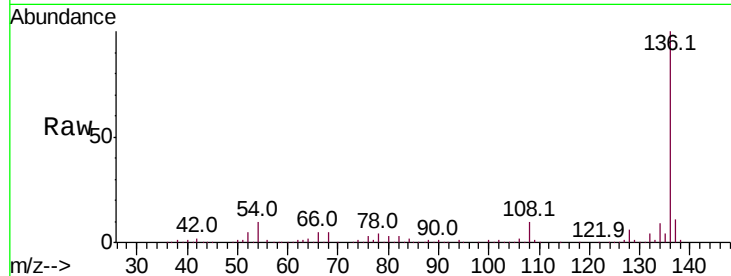
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	578727		
137	11.1	8.7	13.1	
54	10.2	9.1	13.7	
68	5.4	4.6	6.8	

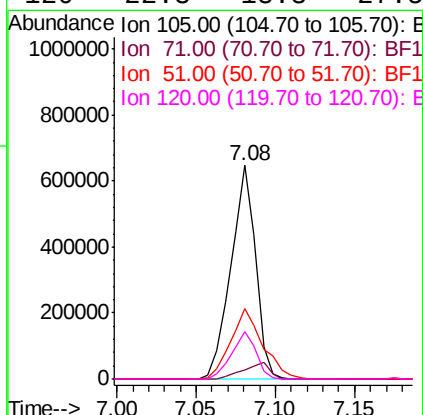
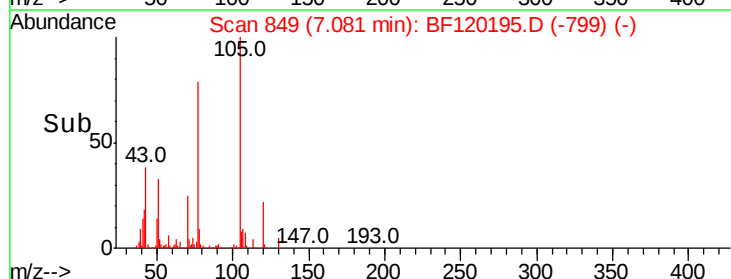
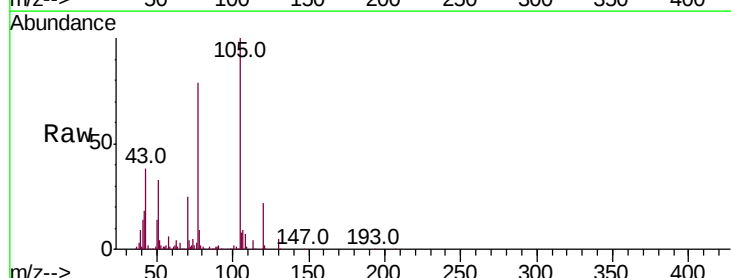
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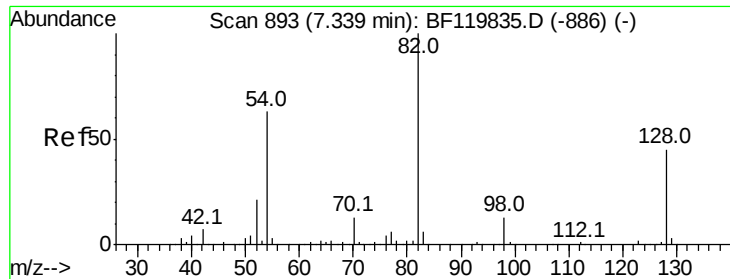
mohammad
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#22
Acetophenone
Concen: 51.502 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	697958		
71	4.1	5.7	8.5#	
51	32.8	26.2	39.4	
120	22.3	18.3	27.5	





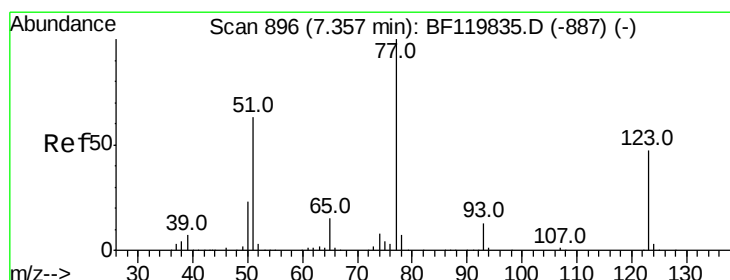
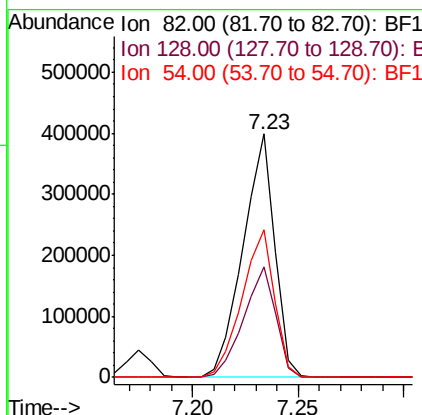
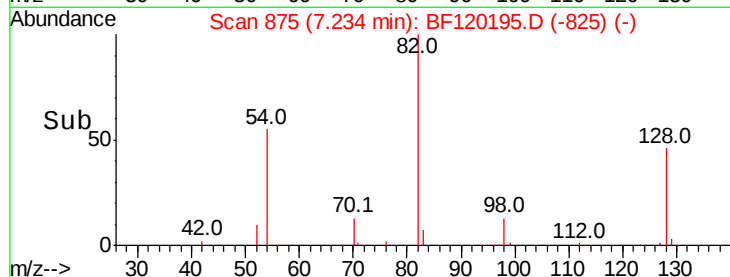
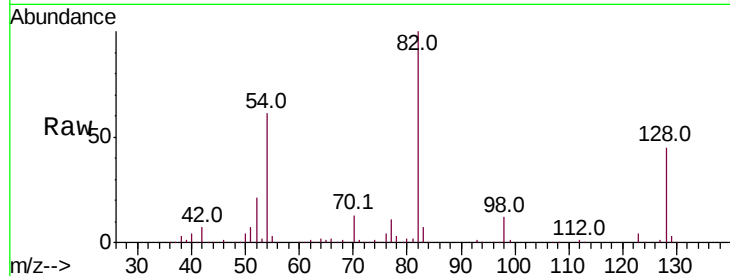
#23
 Nitrobenzene-d5
 Concen: 37.111 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleID :
 ETGI-337MS

Tot Ion:	82	Resp:	415144
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.3	54.5
54	60.5	50.6	75.8

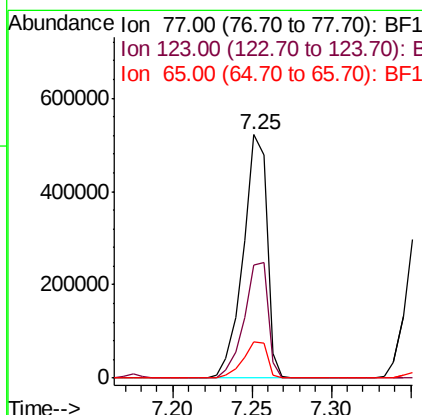
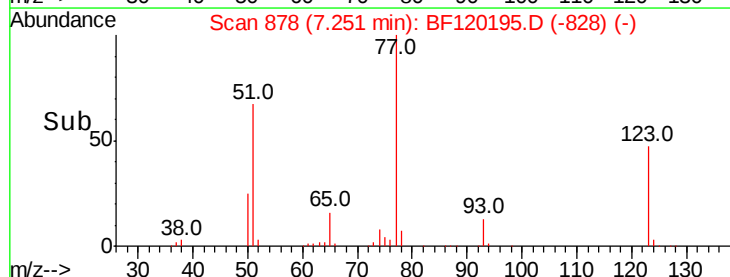
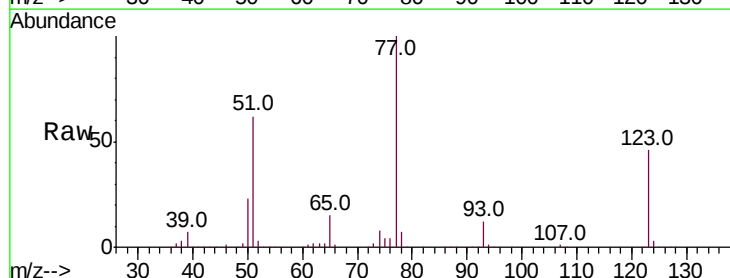
Manual Integrations
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#24
 Nitrobenzene
 Concen: 48.054 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion:	77	Resp:	540769
Ion Ratio	Lower	Upper	
77	100		
123	46.2	38.0	57.0
65	14.9	12.6	18.8





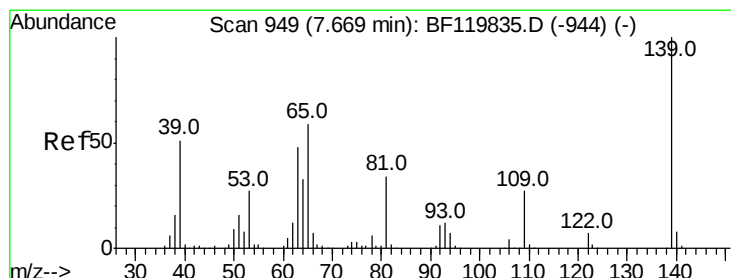
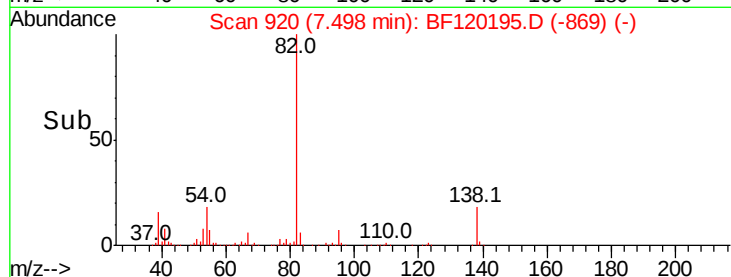
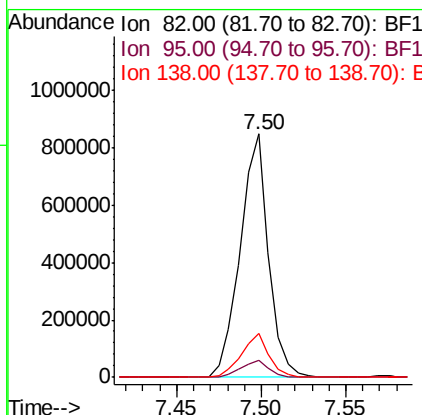
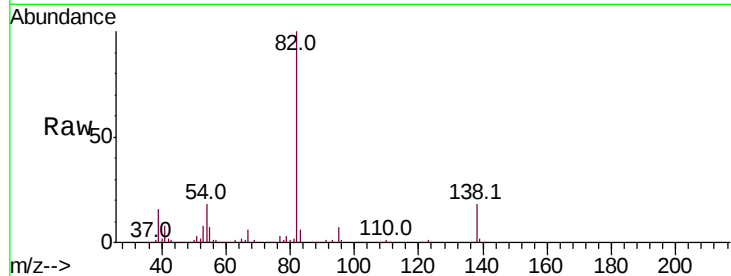
#25
Isophorone
Concen: 45.974 ng
RT: 7.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.1	5.8	8.6	
138	18.1	14.6	21.8	

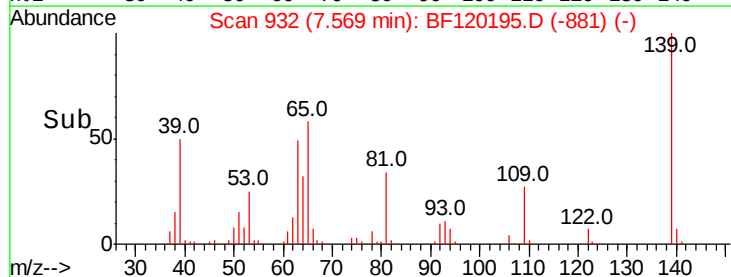
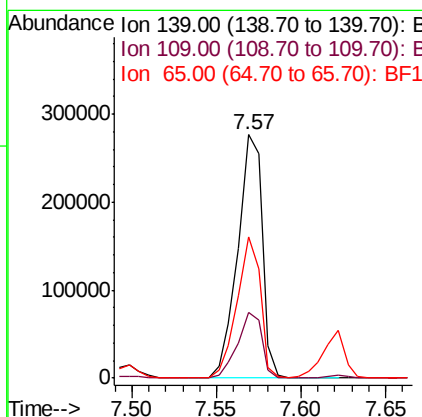
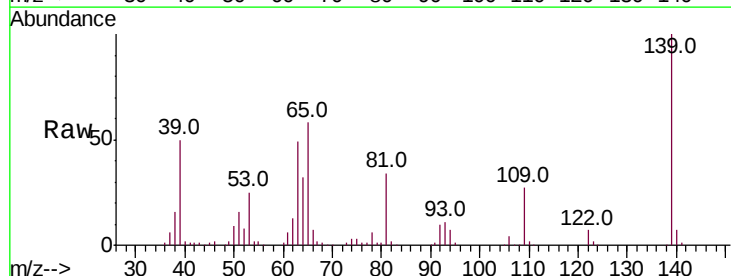
Manual Integrations
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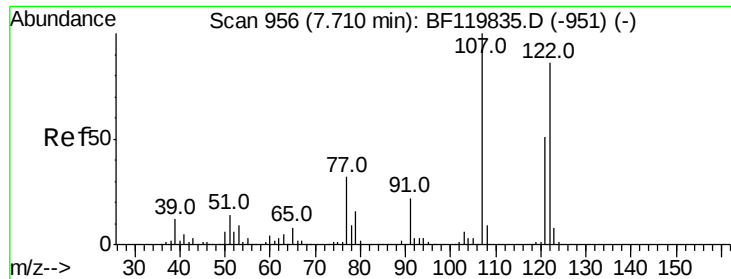
mohammad
4/27/2020 3:04:11 PM



#26
2-Nitrophenol
Concen: 49.974 ng
RT: 7.57 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	27.1	22.1	33.1	
65	58.2	49.2	73.8	





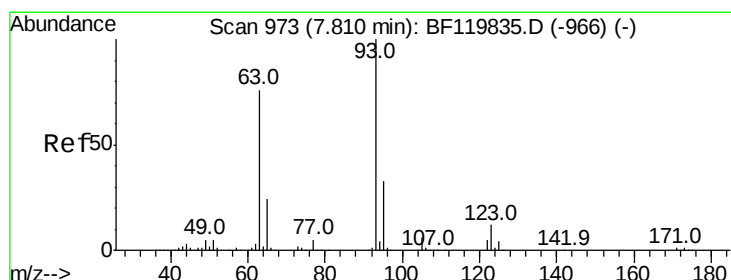
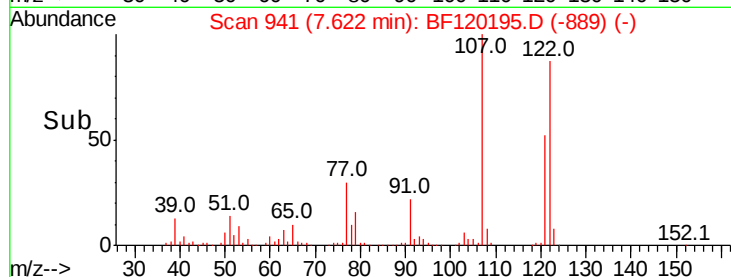
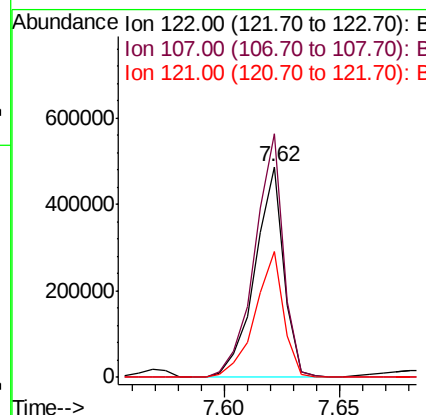
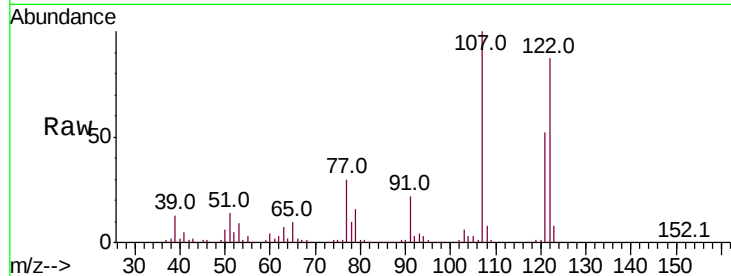
#27
2,4-Dimethylphenol
Concen: 50.525 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	89.0	133.6
121	59.8	46.7	70.1

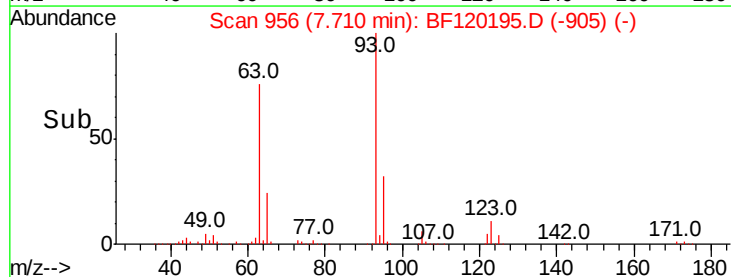
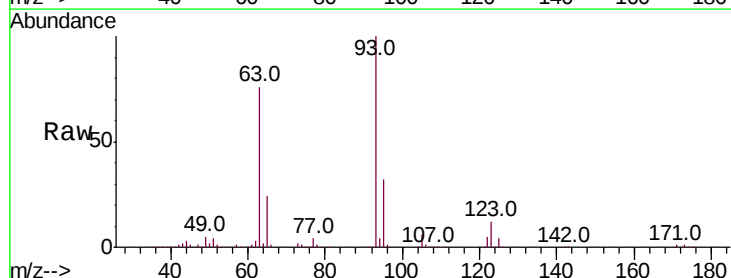
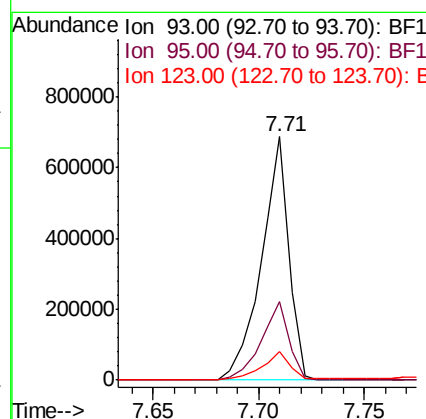
Manual Integrations
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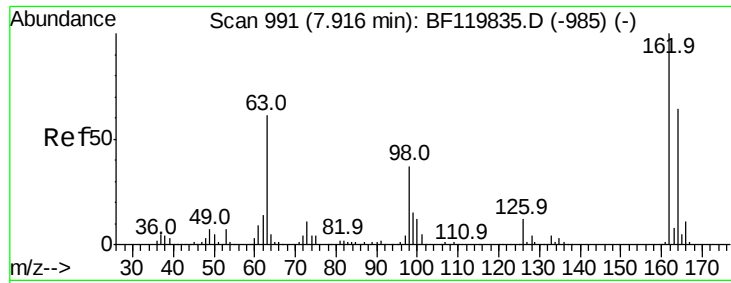
mohammad
4/27/2020 3:04:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.942 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.5	9.7	14.5





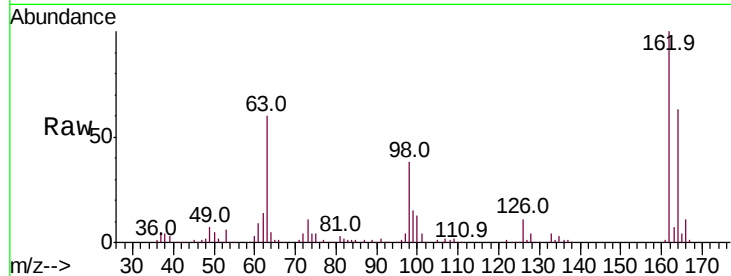
#29
 2,4-Dichlorophenol
 Concen: 48.025 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	417410		
164	63.4	44.7	84.7	
98	38.0	20.7	60.7	

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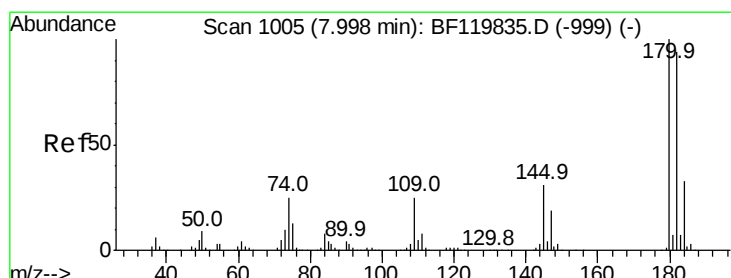
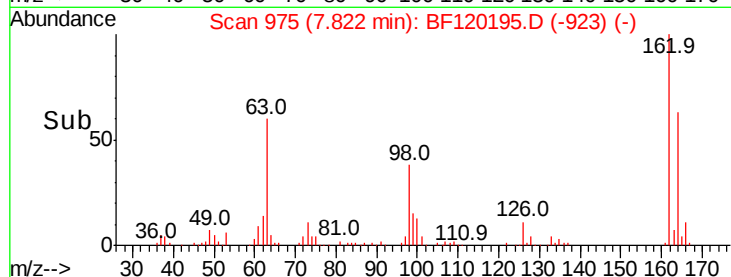
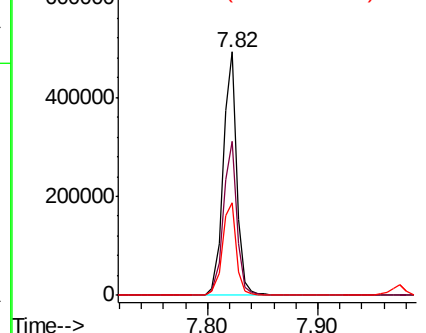


Abundance

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: 46.203 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

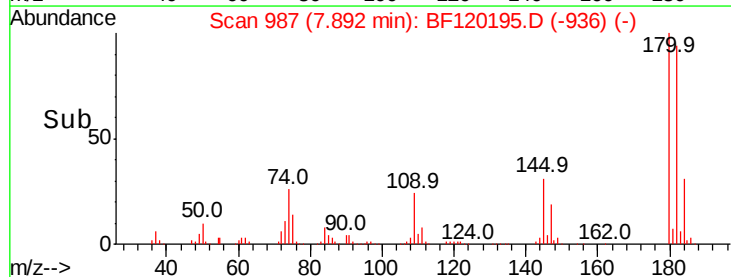
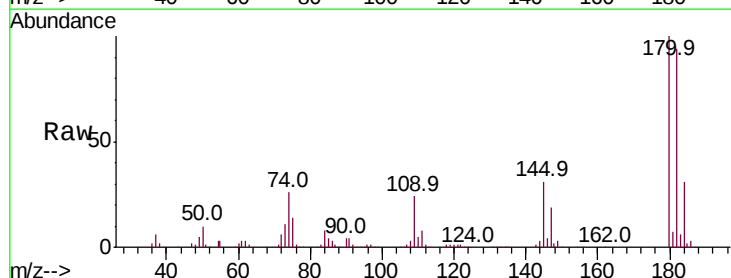
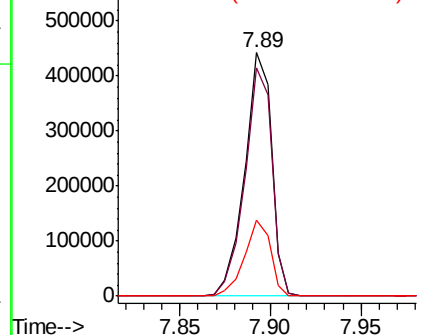
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455015		
182	93.9	74.7	112.1	
145	31.0	24.5	36.7	

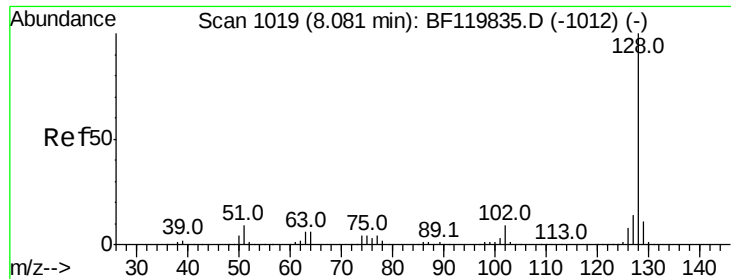
Abundance

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





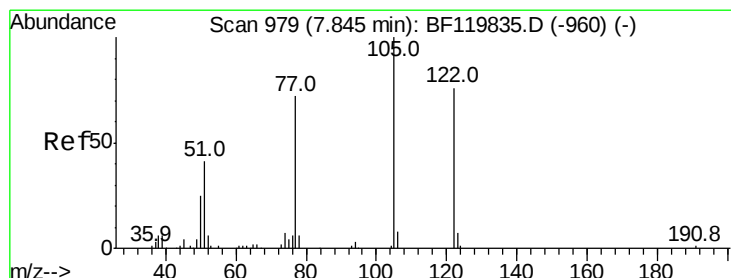
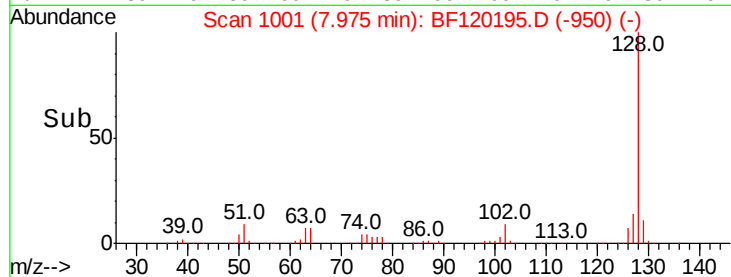
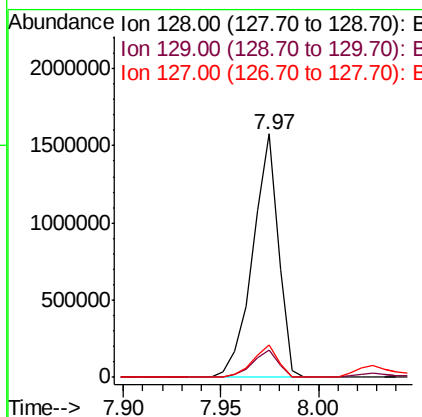
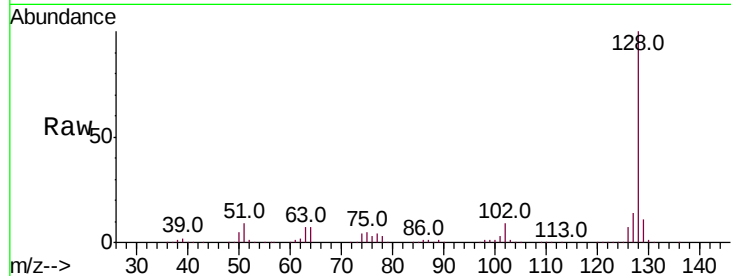
#31
Naphthalene
Concen: 47.091 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion:128 Resp: 1433853
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.6 11.3 16.9

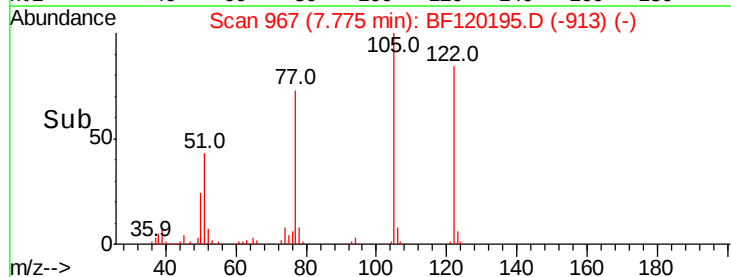
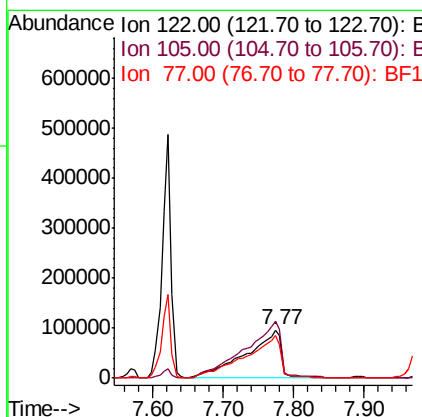
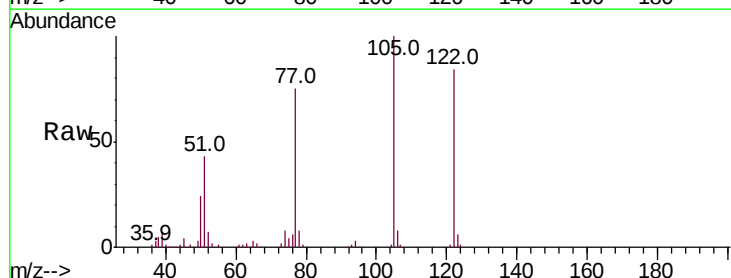
Manual Integrations
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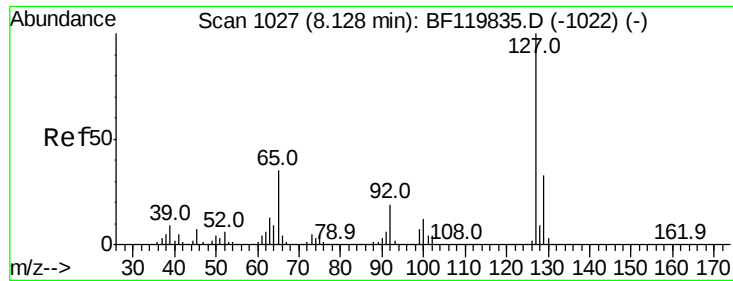
mohammad
4/27/2020 3:04:11 PM



#32
Benzoic acid
Concen: 44.940 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.02 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion:122 Resp: 334665
Ion Ratio Lower Upper
122 100
105 119.3 104.9 144.9
77 89.1 74.4 114.4





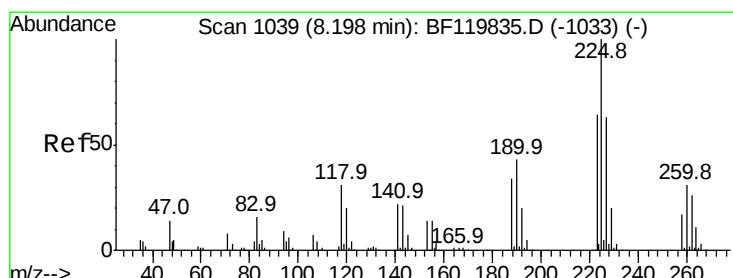
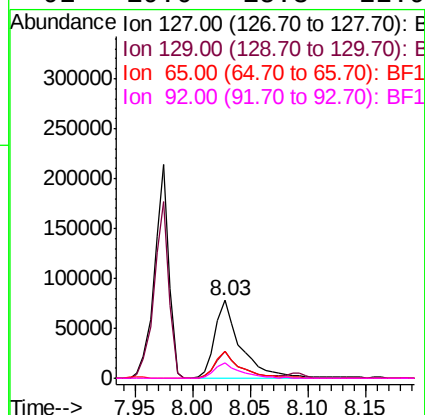
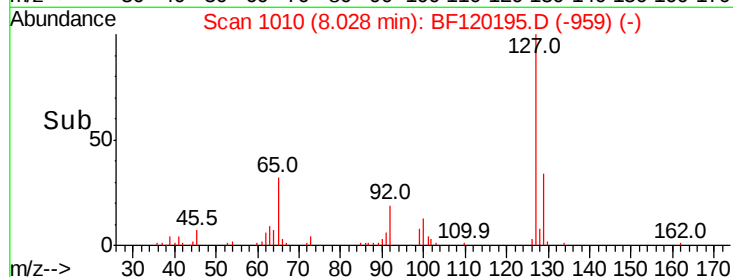
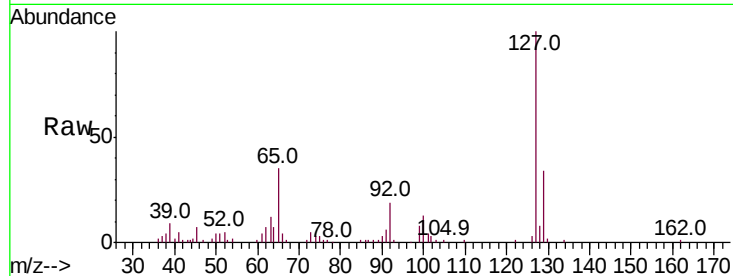
#33
4-Chloroaniline
Concen: 9.269 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.2	39.4		
65	34.6	27.4	41.0		
92	19.0	15.3	22.9		

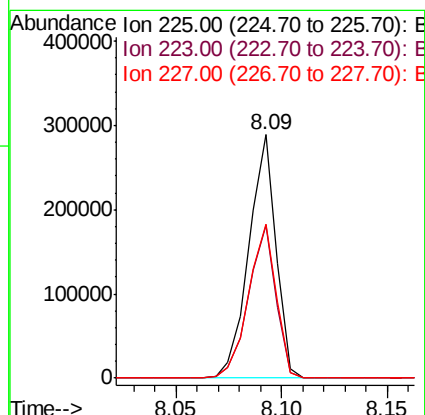
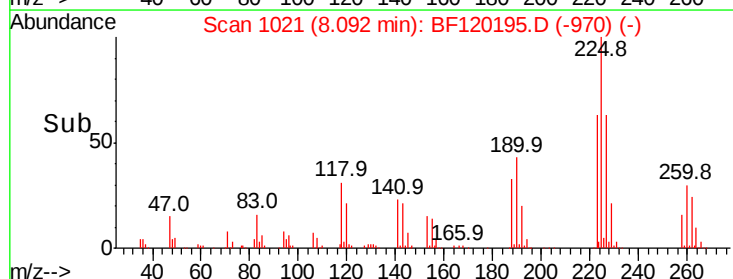
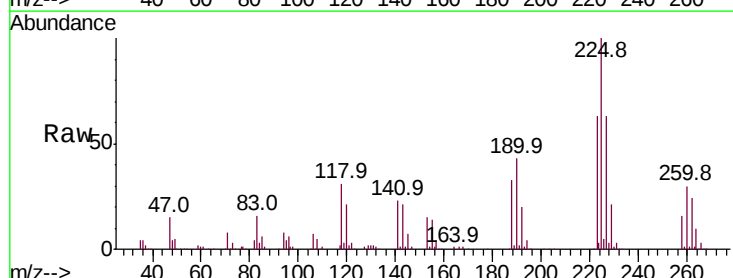
Manual Integrations
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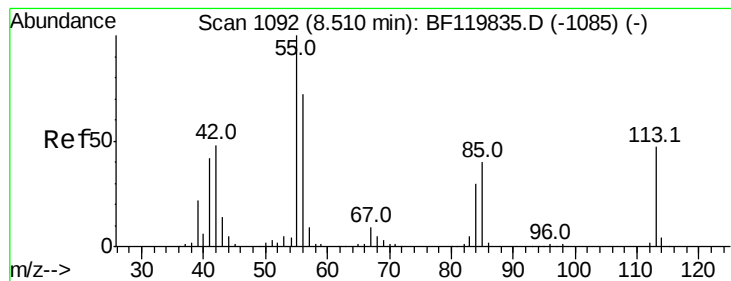
mohammad
4/27/2020 3:04:11 PM



#34
Hexachlorobutadiene
Concen: 43.763 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	63.3	50.7	76.1		





#35

Caprolactam

Concen: 48.401 ng/mL

RT: 8.41 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

ClientSampleId :

ETGI-337MS

Tot Ion: 113 Resp: 128682

Ion Ratio Lower Upper

113 100

55 227.6 218.4 258.4

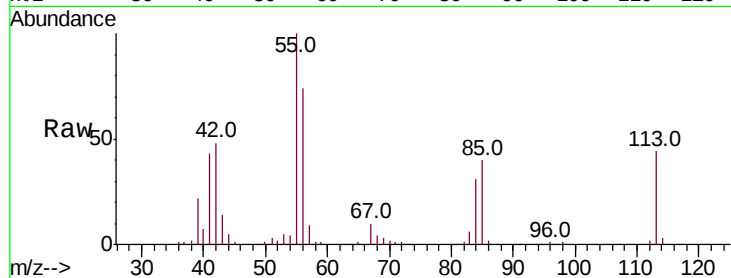
56 168.1 148.9 188.9

Manual Integrations

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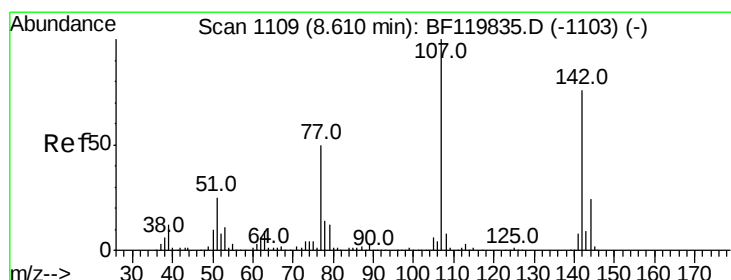
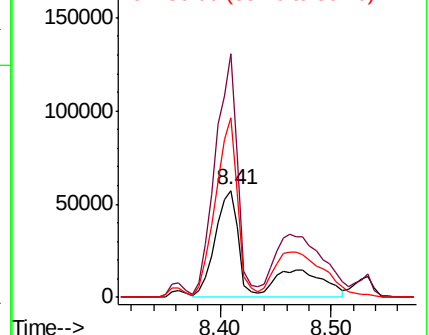
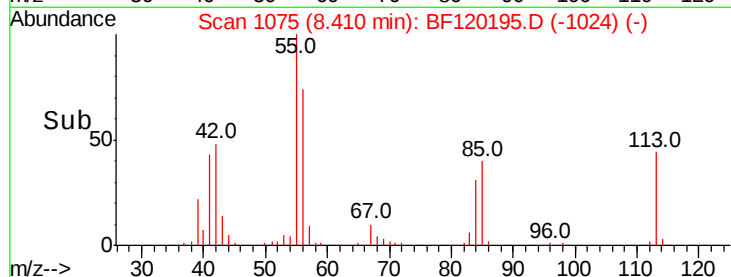
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.840 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

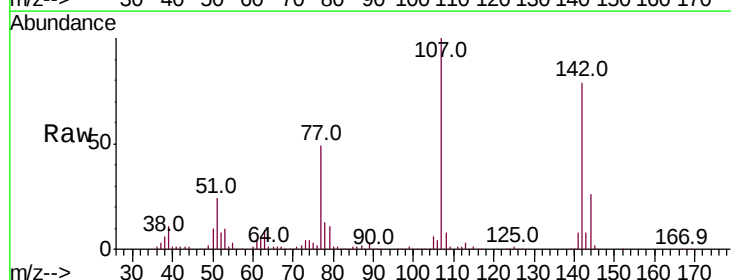
Tgt Ion: 107 Resp: 459583

Ion Ratio Lower Upper

107 100

144 25.8 21.0 31.6

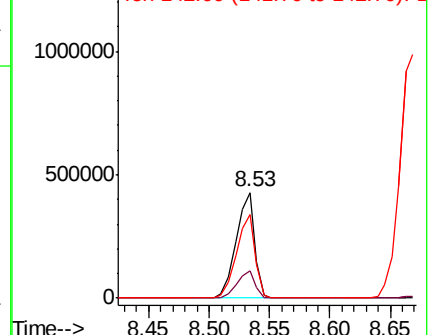
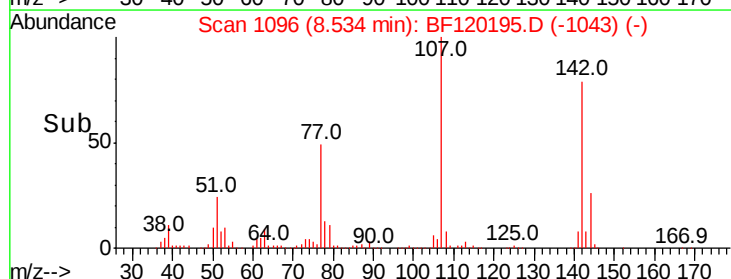
142 79.5 64.4 96.6

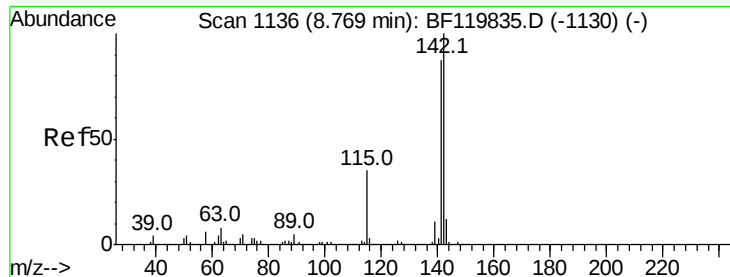


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





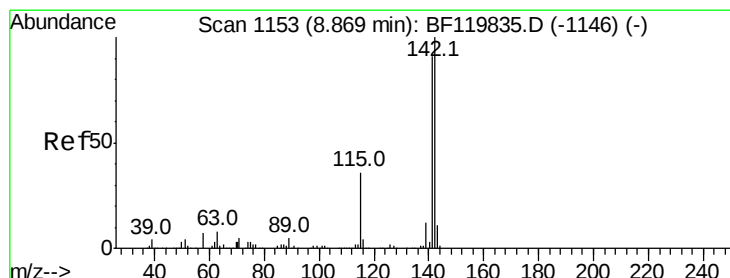
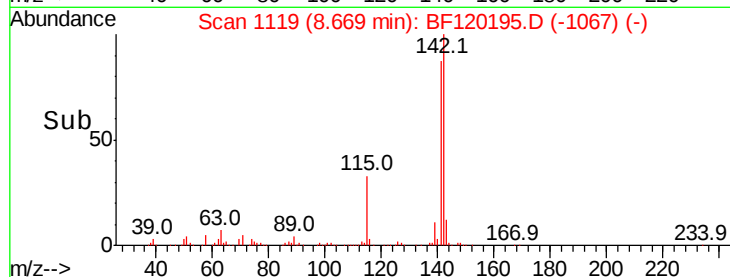
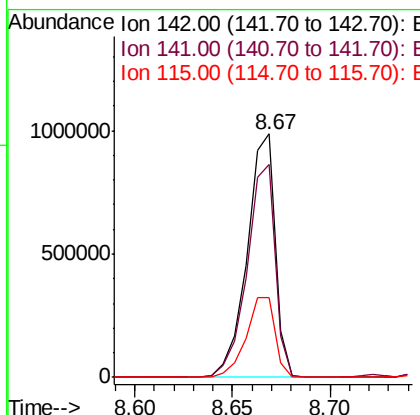
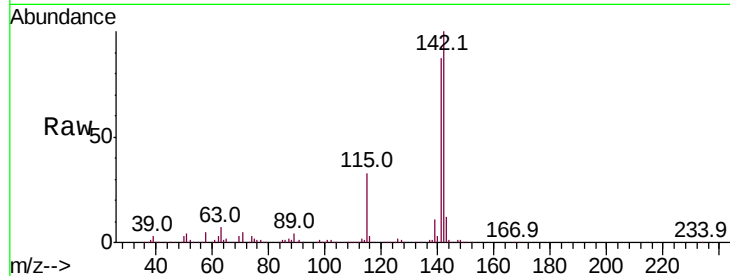
#37
2-Methylnaphthalene
Concen: 47.726 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	985220		
141	87.5		71.7	107.5
115	32.5		27.9	41.9

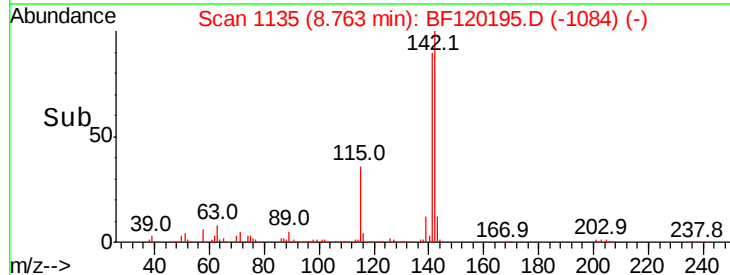
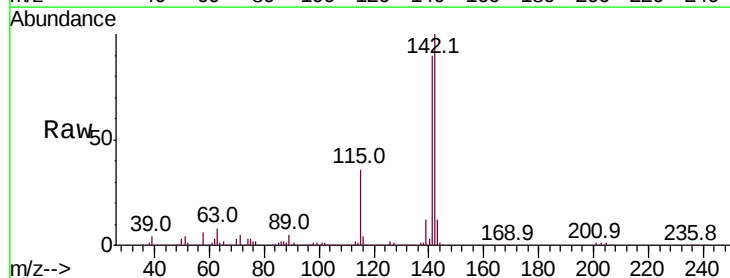
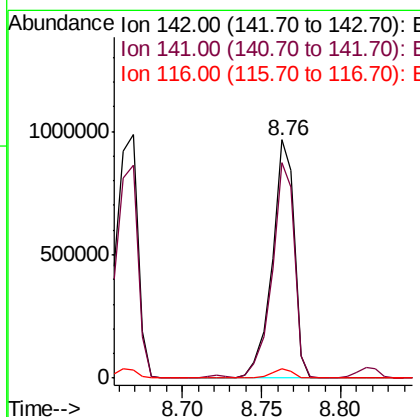
Manual Integrations
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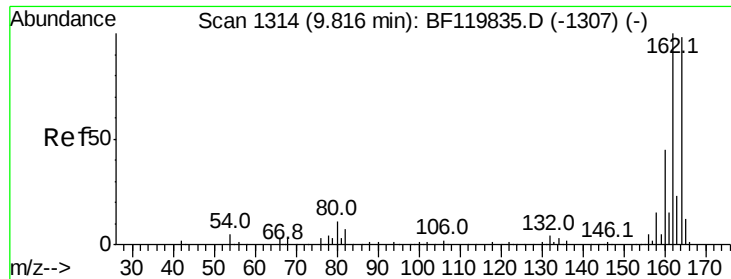
mohammad
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#38
1-Methylnaphthalene
Concen: 48.059 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	935081		
141	90.5		73.7	110.5
116	3.7		3.0	4.6





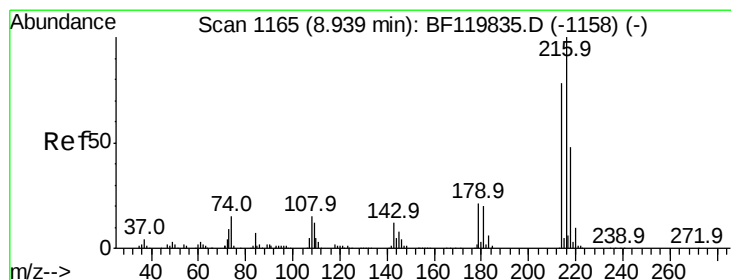
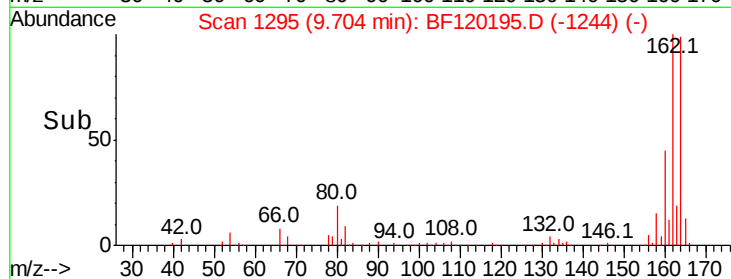
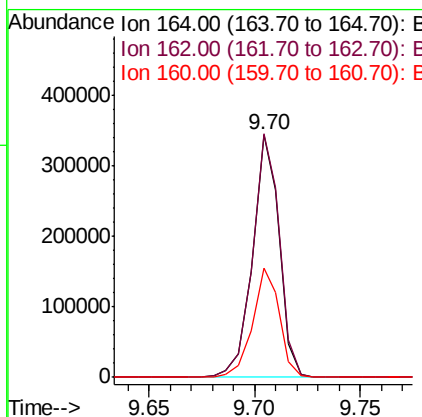
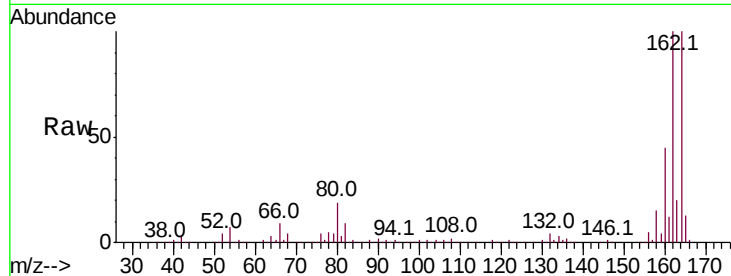
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	302146		
162	100.5	80.6	121.0	
160	44.9	35.7	53.5	

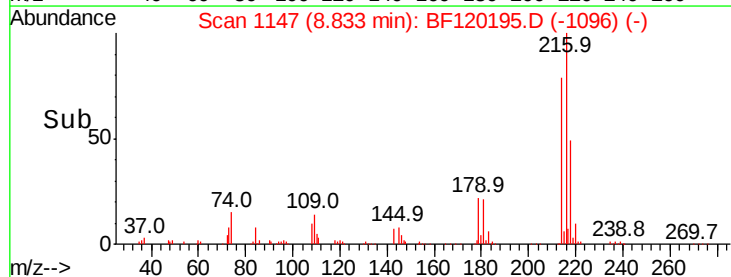
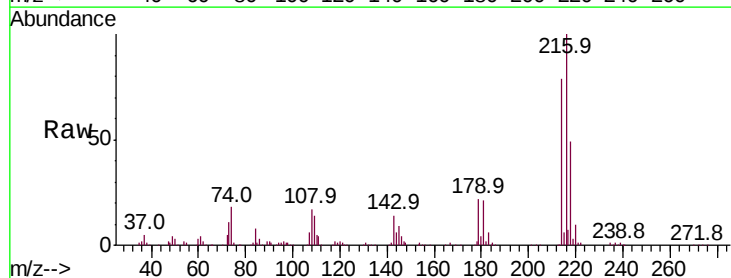
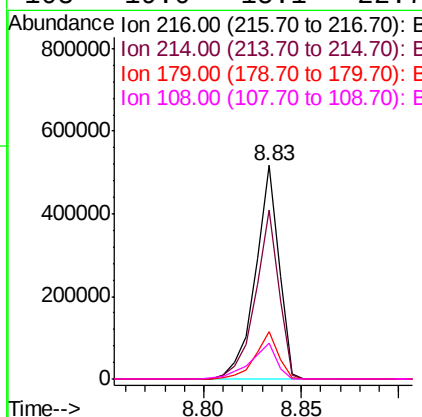
Manual Integrations
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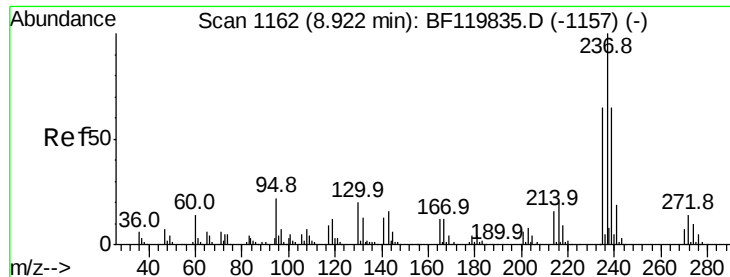
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.226 ng
RT: 8.83 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	431591		
214	79.0	63.2	94.8	
179	21.5	17.1	25.7	
108	19.0	15.1	22.7	





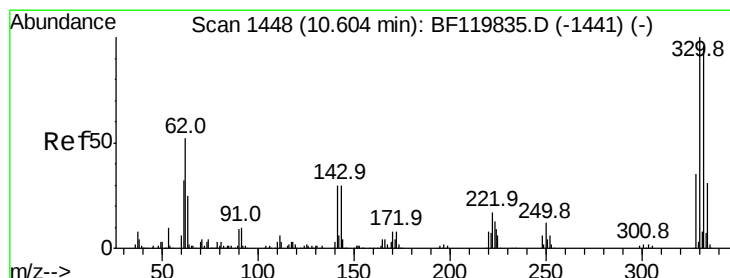
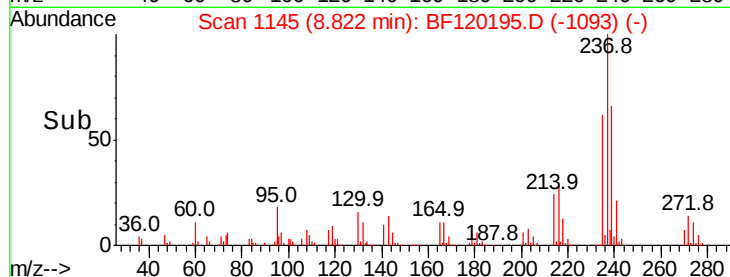
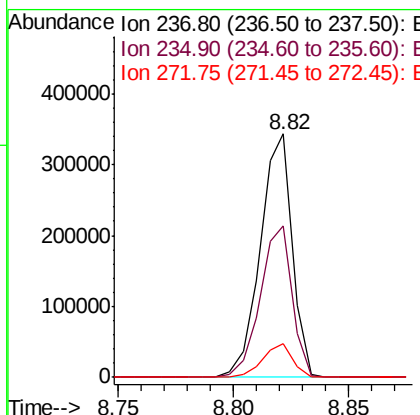
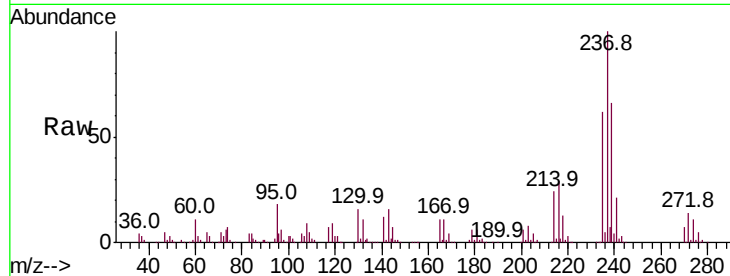
#41
Hexachlorocyclopentadiene
Concen: 60.924 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	330606		
235	62.3	43.2	83.2	
272	13.6	0.0	34.1	

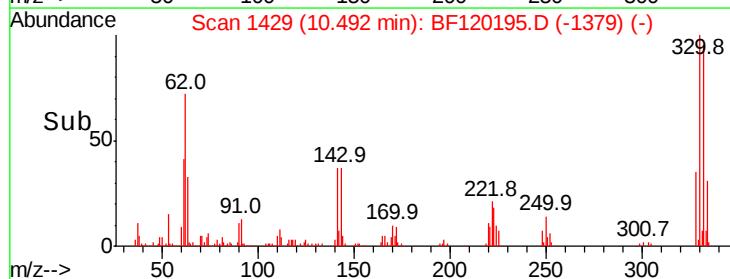
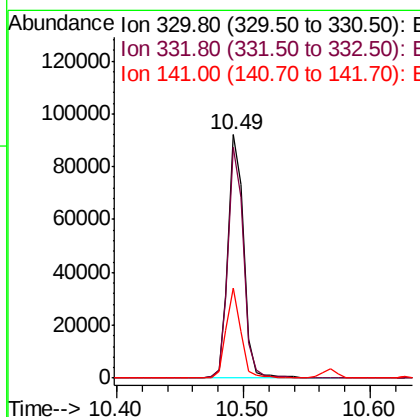
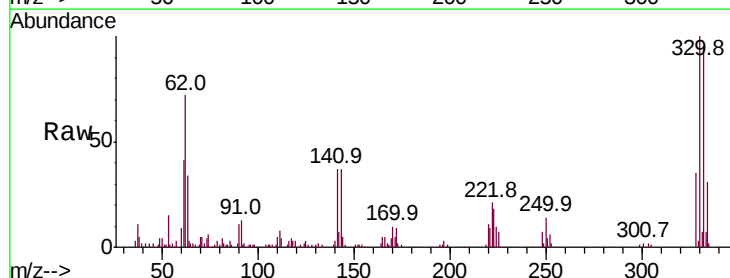
Manual Integrations
APPROVED

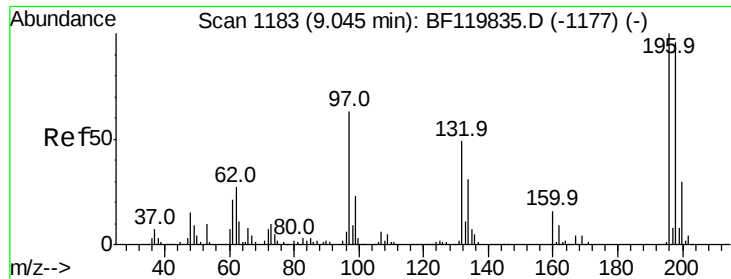
mohammad
4/27/2020 3:04:11 PM



#42
2,4,6-Tribromophenol
Concen: 21.283 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78733		
332	94.3	75.7	113.5	
141	34.6	25.4	38.0	





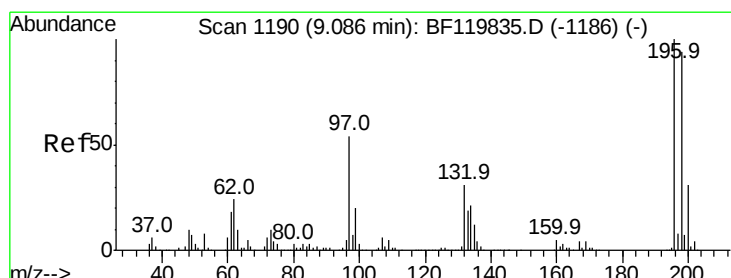
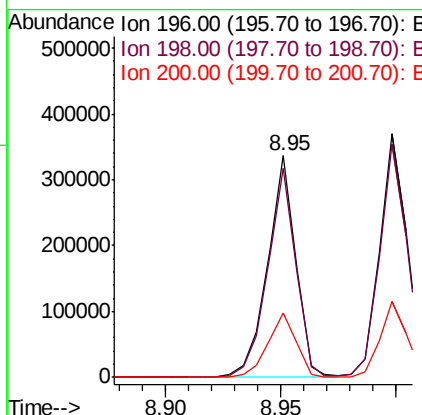
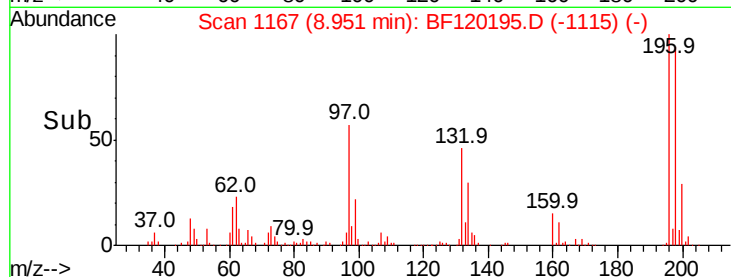
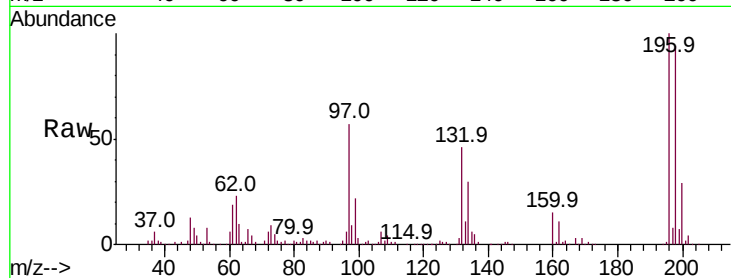
#43
 2,4,6-Trichlorophenol
 Concen: 43.272 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion:	196	Resp:	285161
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.6	115.0
200	29.2	24.6	36.8

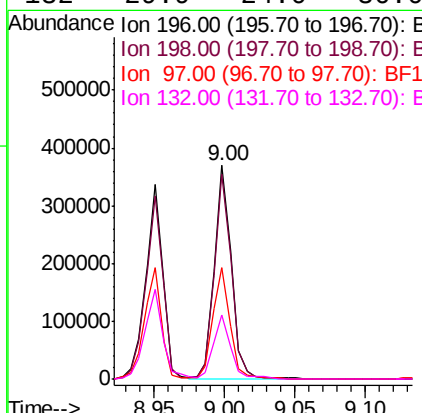
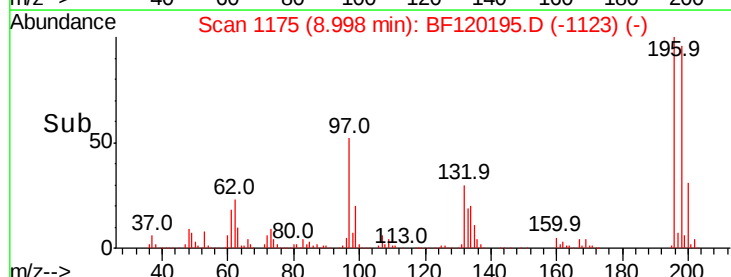
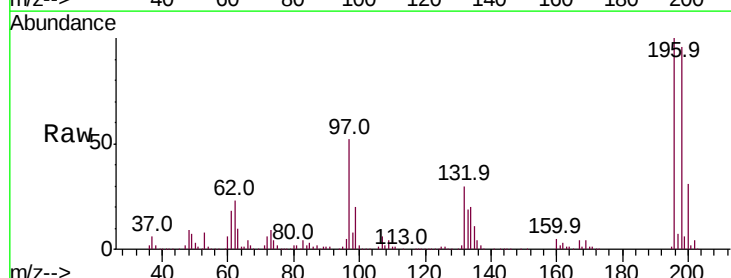
Manual Integrations
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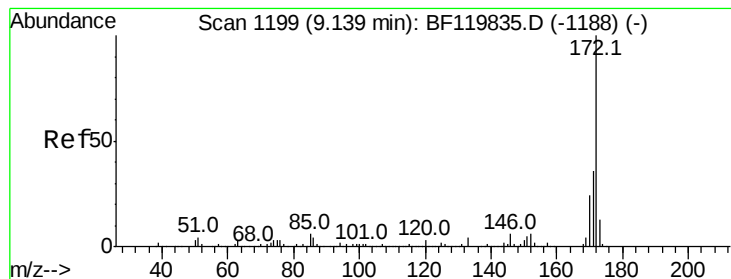
mohammad
 4/27/2020 3:04:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.059 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion:	196	Resp:	312174
Ion Ratio	Lower	Upper	
196	100		
198	95.7	73.8	110.8
97	52.3	42.6	63.8
132	29.9	24.0	36.0





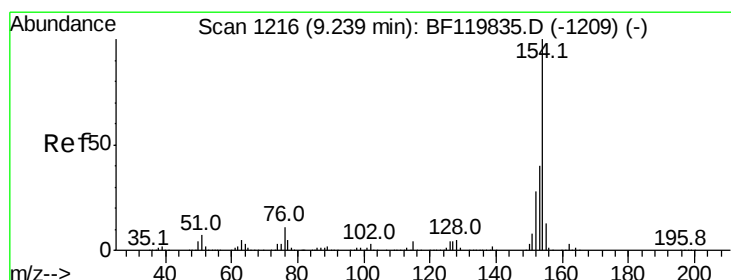
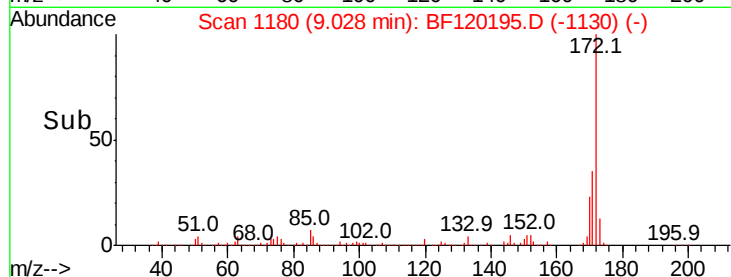
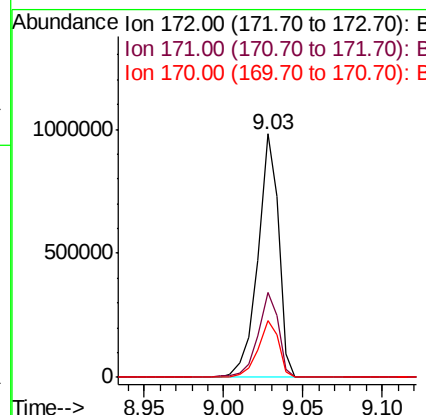
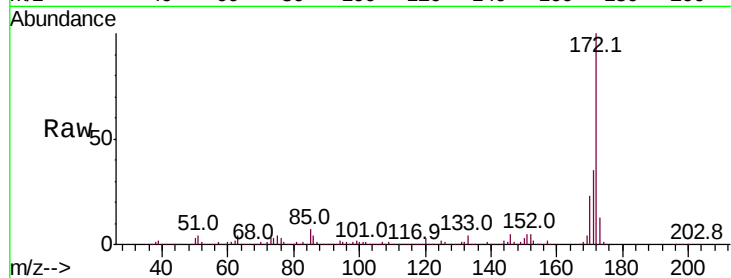
#45
2-Fluorobiphenyl
Concen: 41.661 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.6	44.4	
170	23.1	20.2	30.2	

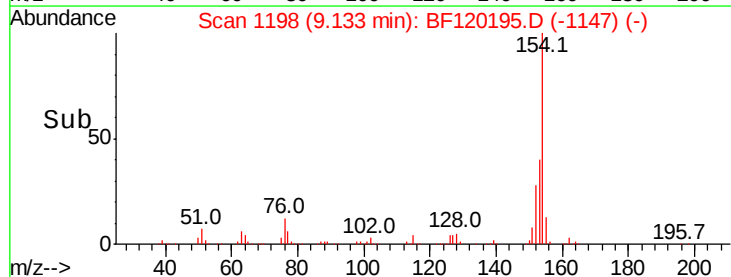
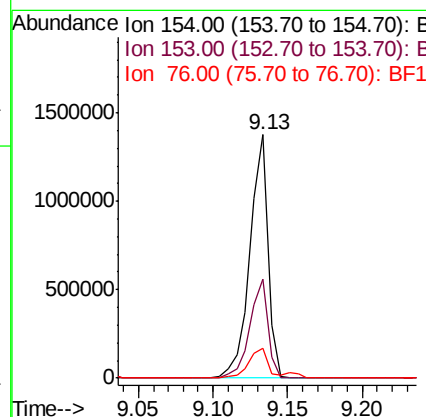
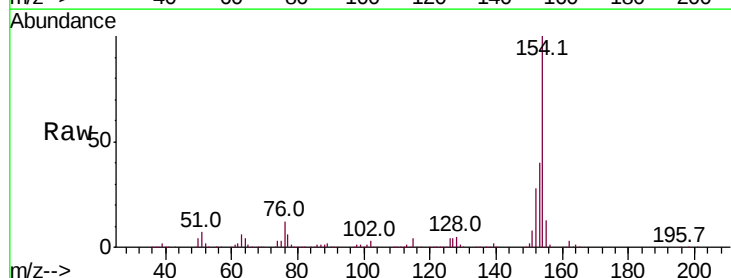
Manual Integrations
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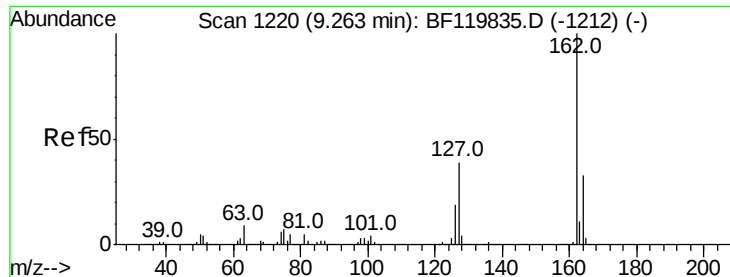
mohammad
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#46
1,1'-Biphenyl
Concen: 45.318 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.4	61.4	
76	12.1	0.0	33.0	





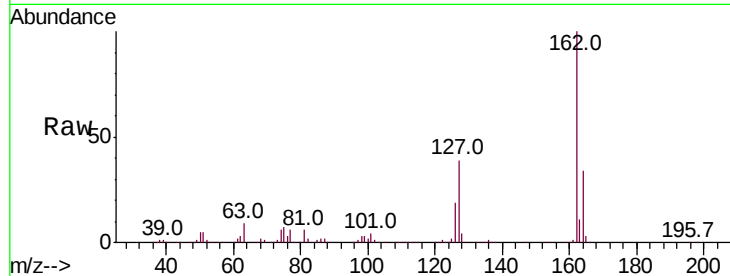
#47
2-Chloronaphthalene
Concen: 45.307 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

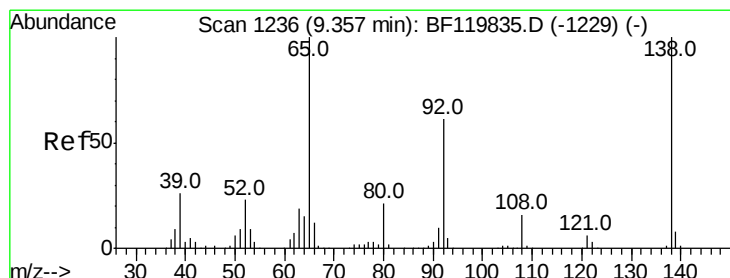
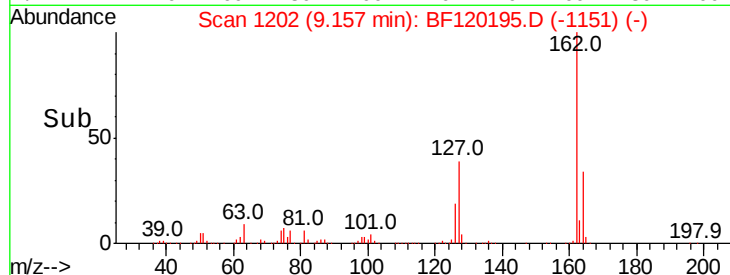
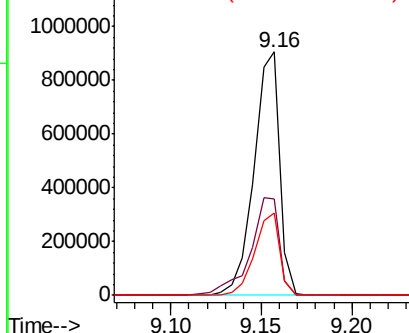
Tot Ion	Ratio	Resp	Lower	Upper
162	100	890106		
127	39.4		33.7	50.5
164	33.7		26.3	39.5

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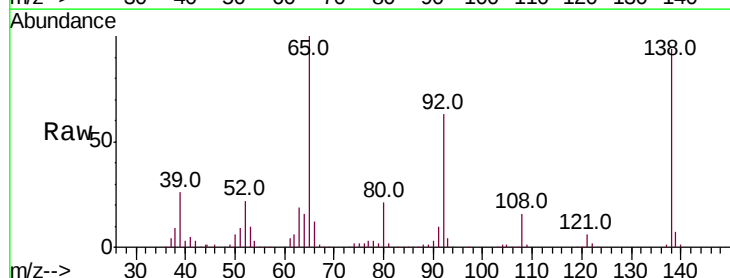


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

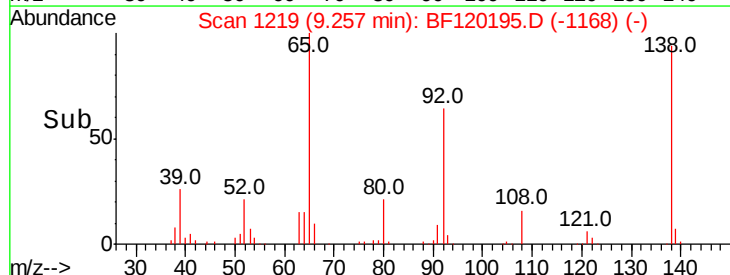
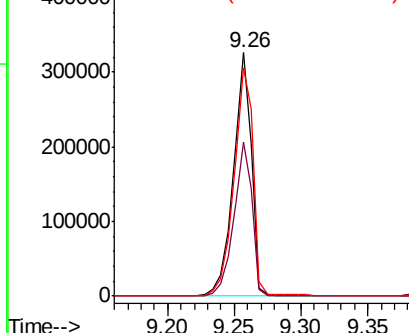


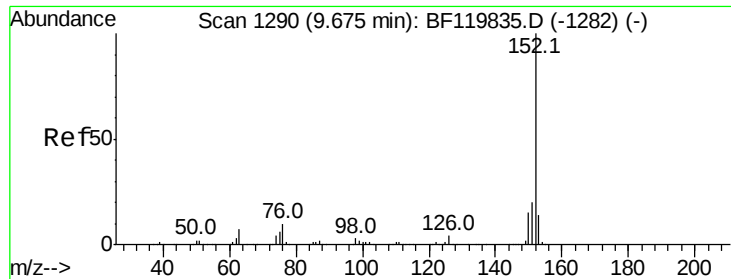
#48
2-Nitroaniline
Concen: 43.345 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	308592		
92	63.3		50.0	75.0
138	93.8		75.0	112.4



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





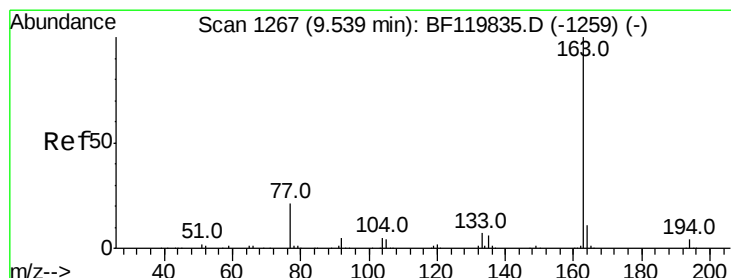
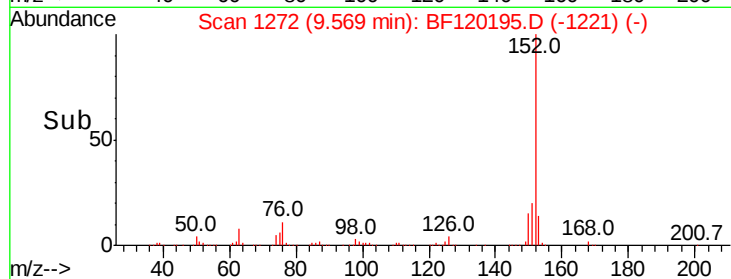
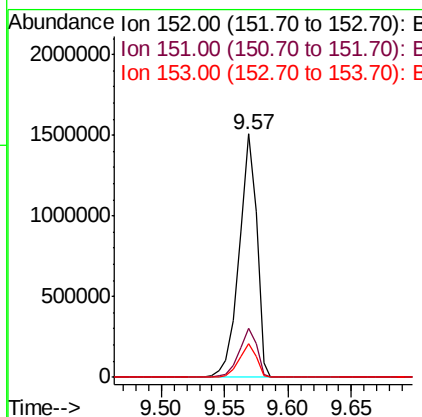
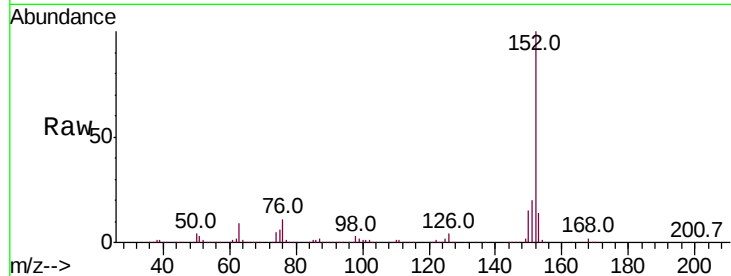
#49
Acenaphthylene
Concen: 47.802 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion:152 Resp: 1428233
Ion Ratio Lower Upper
152 100
151 20.3 17.2 25.8
153 13.6 11.2 16.8

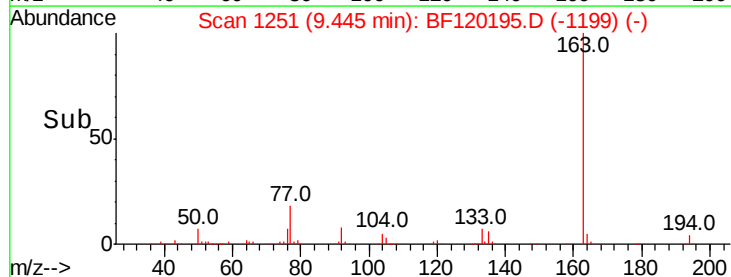
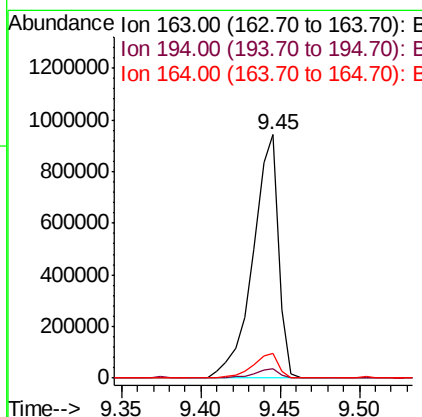
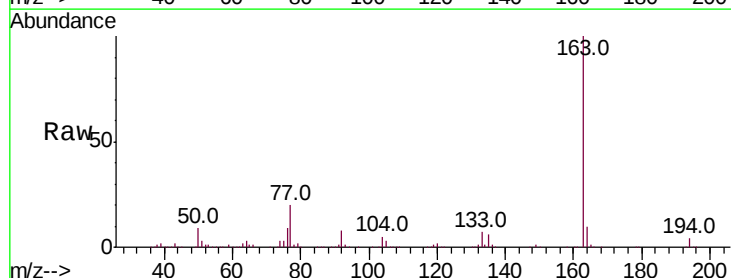
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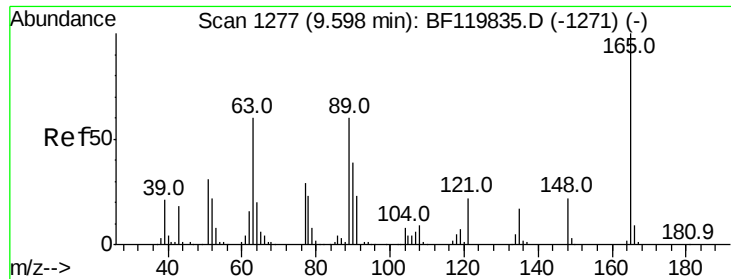
mohammad
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#50
Dimethylphthalate
Concen: 45.298 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion:163 Resp: 1058634
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.0 8.2 12.2





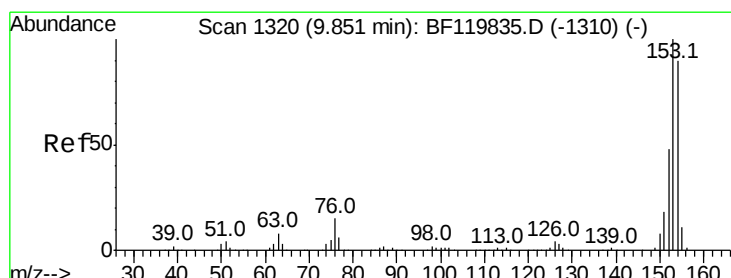
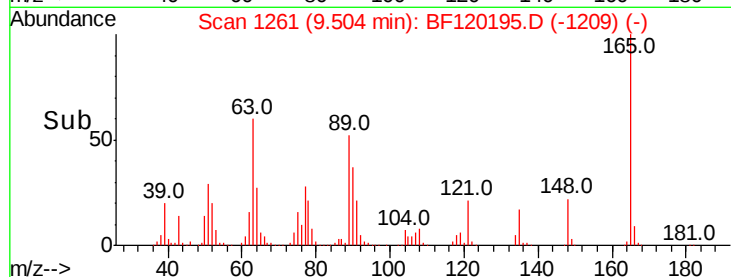
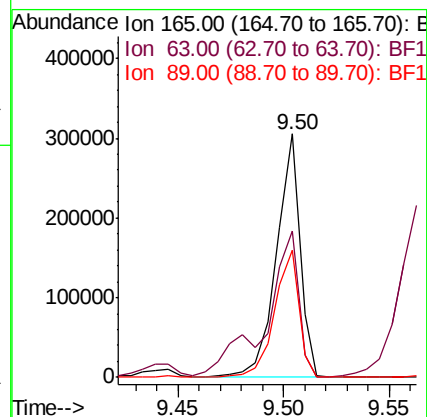
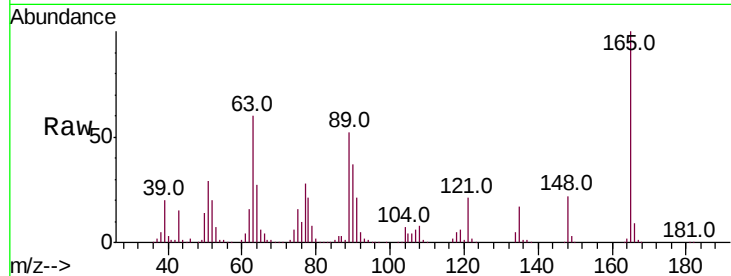
#51
2,6-Dinitrotoluene
Concen: 46.625 ng
RT: 9.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampled :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.1	45.0	67.4	
89	52.2	41.5	62.3	

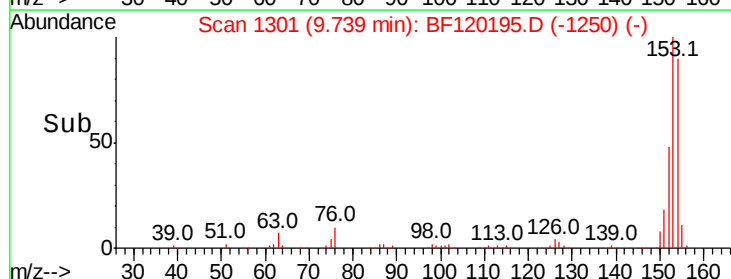
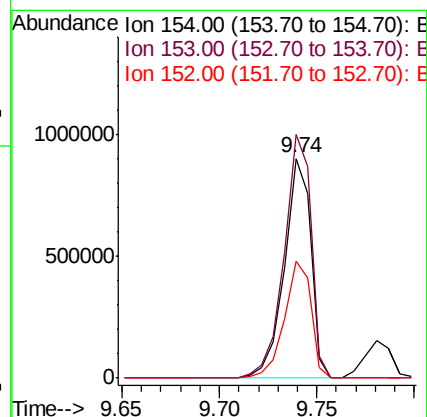
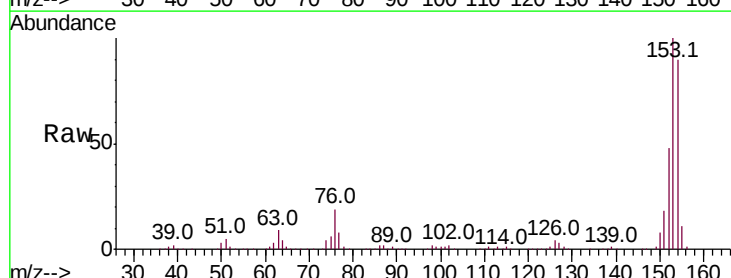
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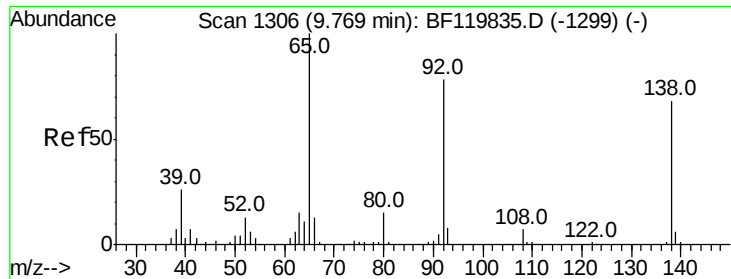
mohammad
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#52
Acenaphthene
Concen: 42.919 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.7	88.1	132.1	
152	53.0	43.0	64.4	





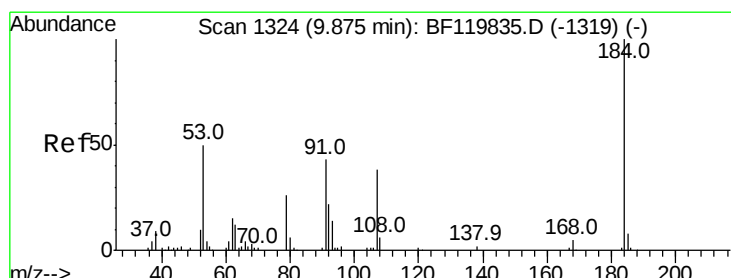
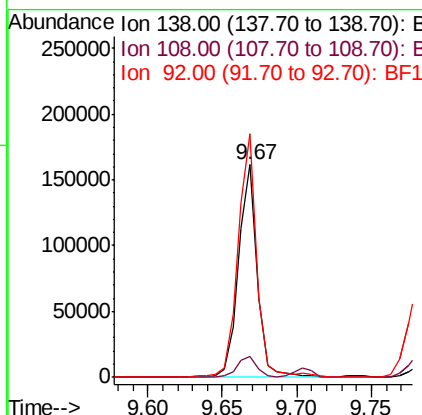
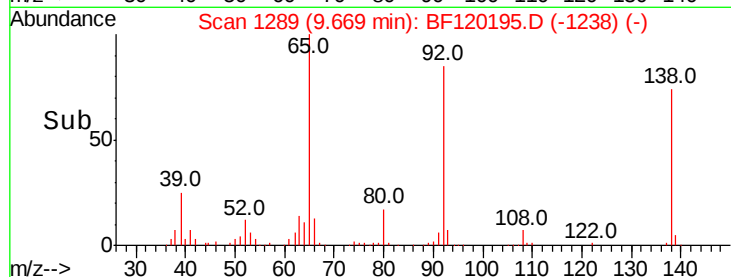
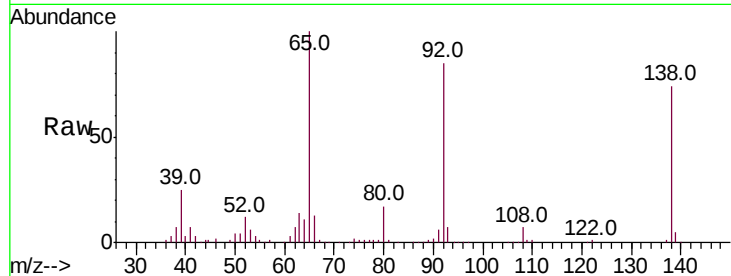
#53
 3-Nitroaniline
 Concen: 24.317 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.6	13.0
92	114.5	95.4	143.0

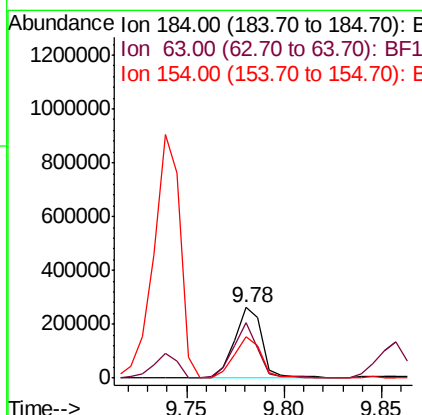
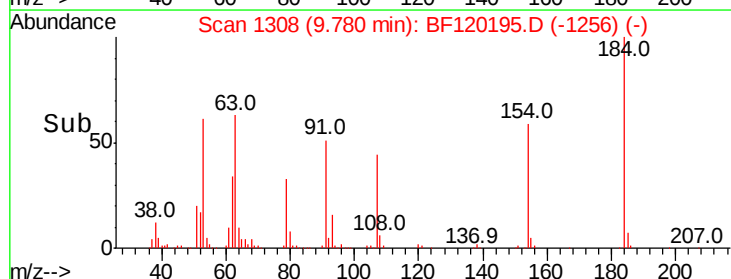
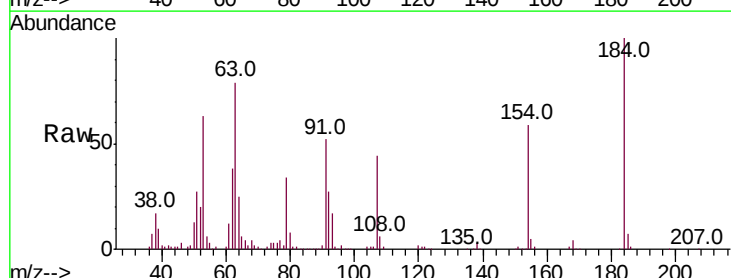
Manual Integrations
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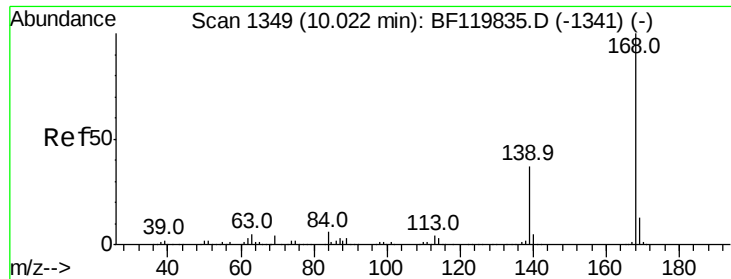
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 85.238 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.8	50.2	75.4#
154	59.0	44.5	66.7





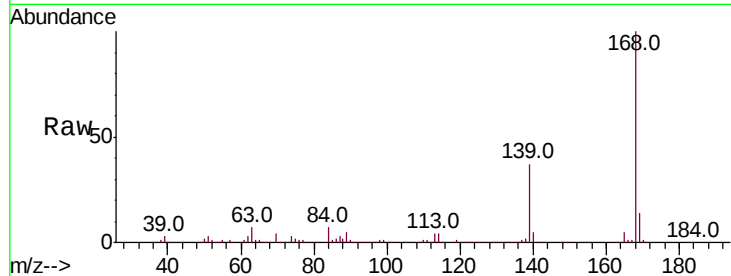
#55
Dibenzofuran
Concen: 45.819 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.1	45.1
169	13.7	11.0	16.6

Manual Integrations
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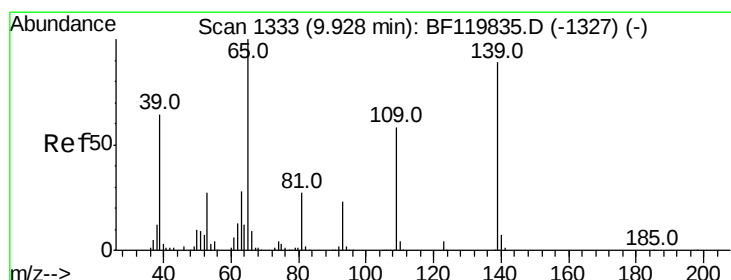
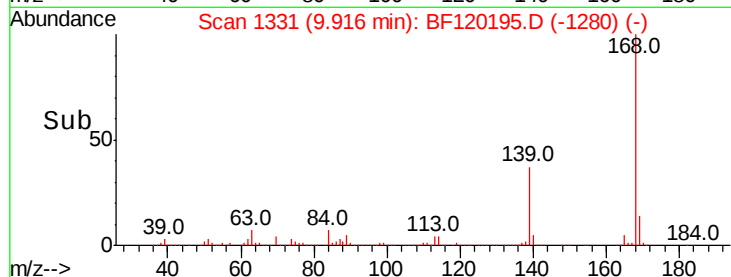
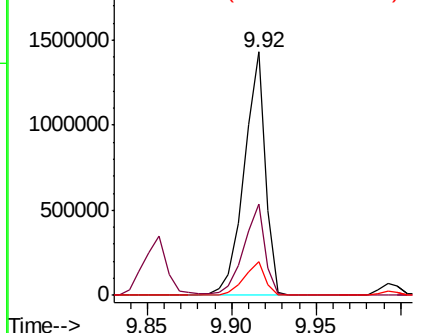


Abundance

Ion 168.00 (167.70 to 168.70): E

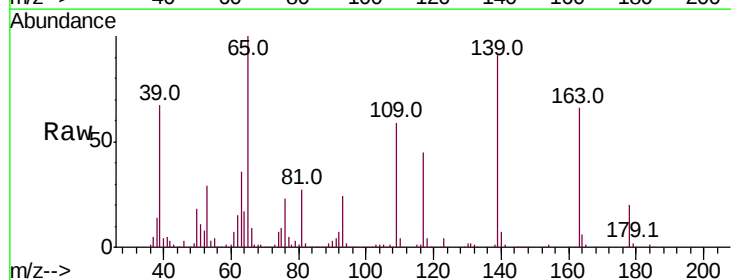
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 76.349 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.02 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	43.3	83.3
65	110.3	91.0	131.0

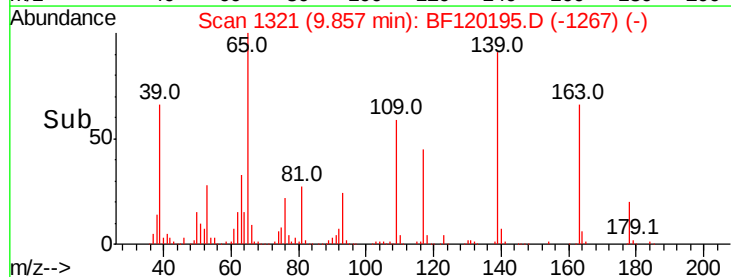
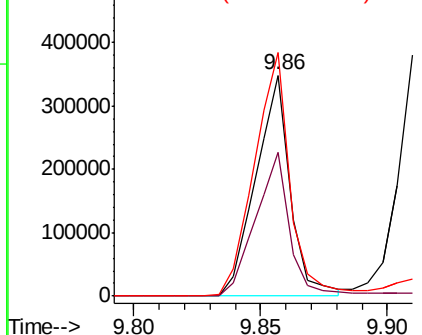


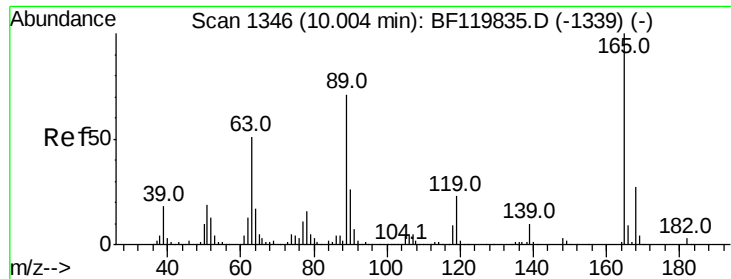
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





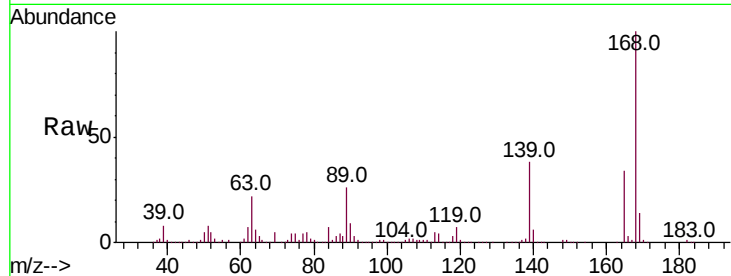
#57
 2,4-Dinitrotoluene
 Concen: 44.312 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	65.0	42.6	64.0#
89	77.1	61.0	91.4
182	2.4	2.2	3.2

Manual Integrations
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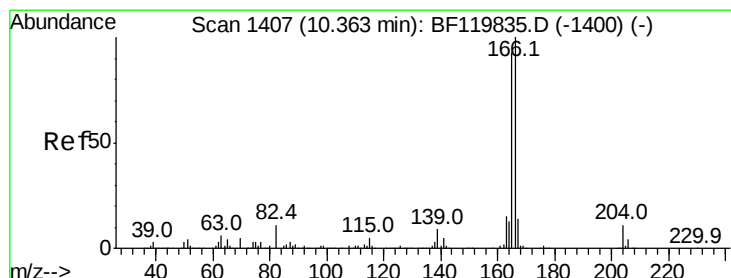
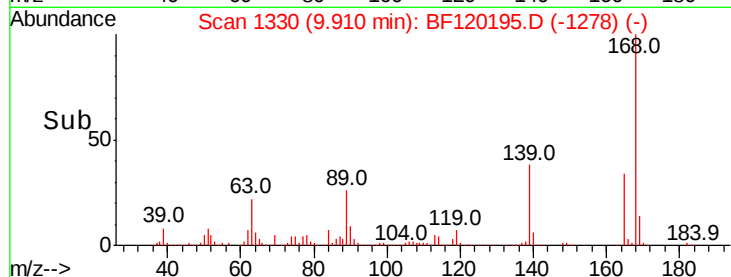
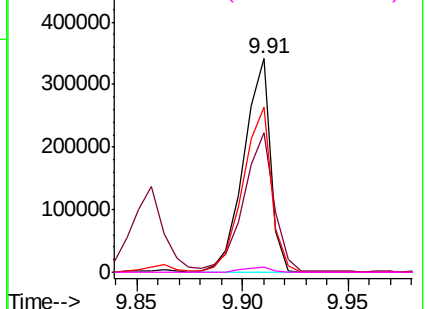
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

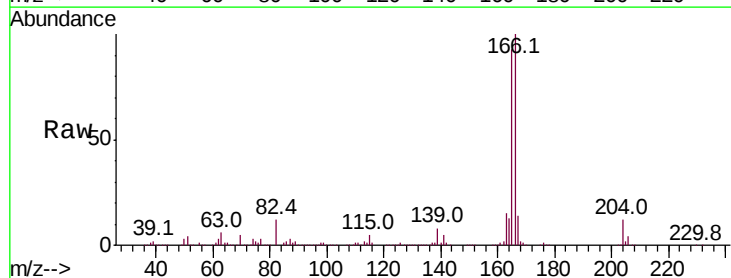
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.479 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	93.1	75.4	113.2
167	13.5	11.2	16.8

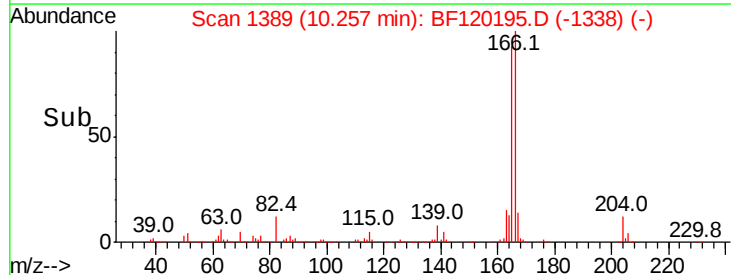
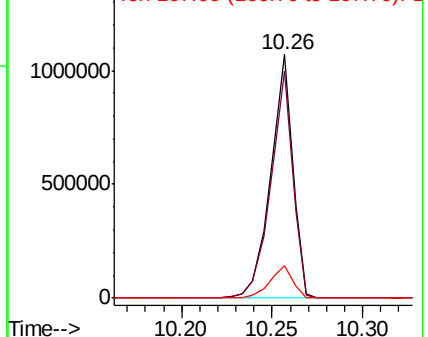


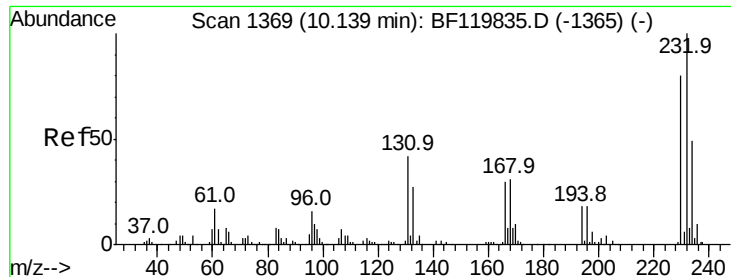
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.124 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

ClientSampleId :

ETGI-337MS

Tot Ion:232 Resp: 261831

Ion Ratio Lower Upper

232 100

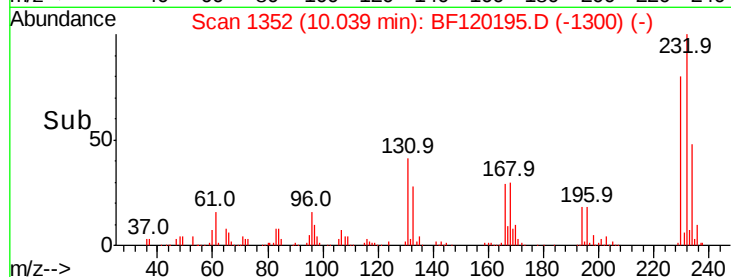
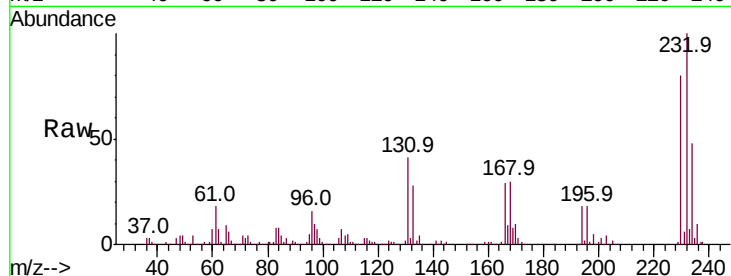
131 44.0 37.5 56.3

130 2.1 1.8 2.6

166 29.8 24.6 36.8

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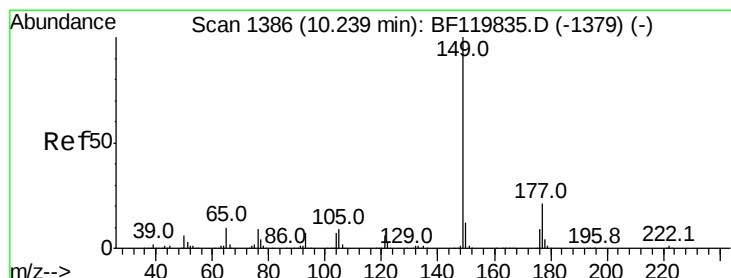
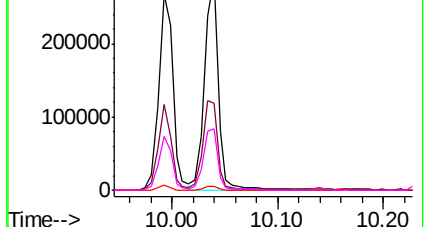


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 44.456 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

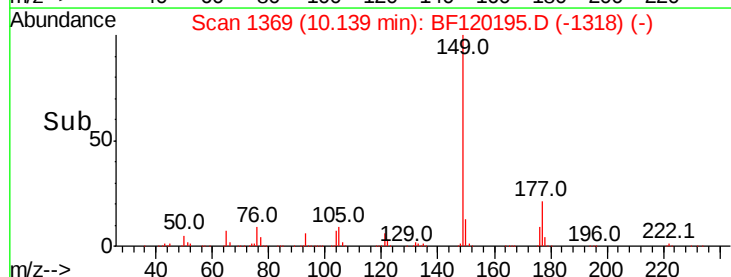
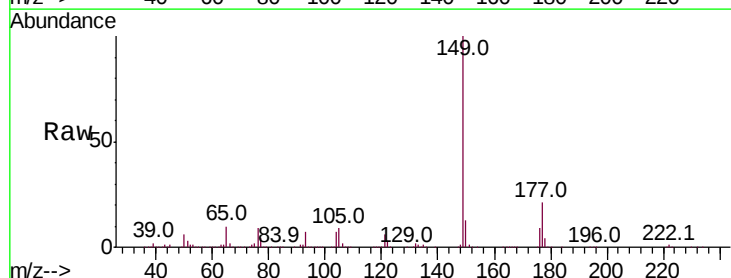
Tgt Ion:149 Resp: 1076812

Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

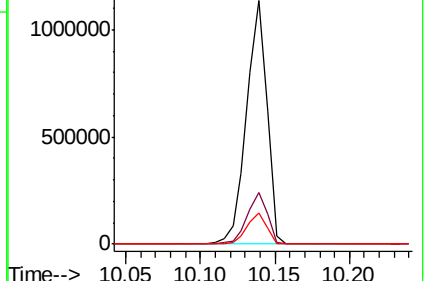
150 12.6 10.1 15.1

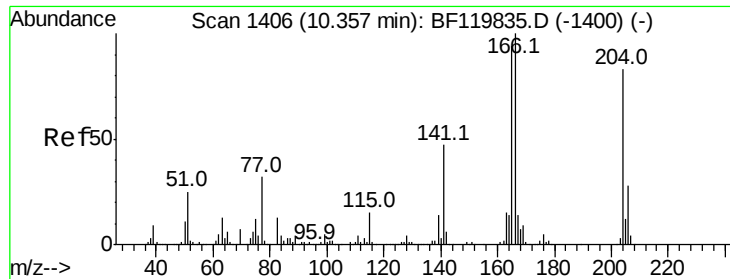


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





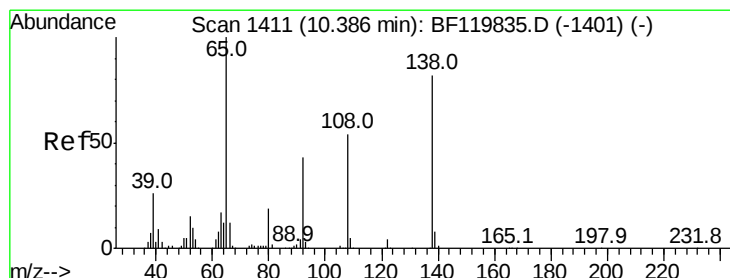
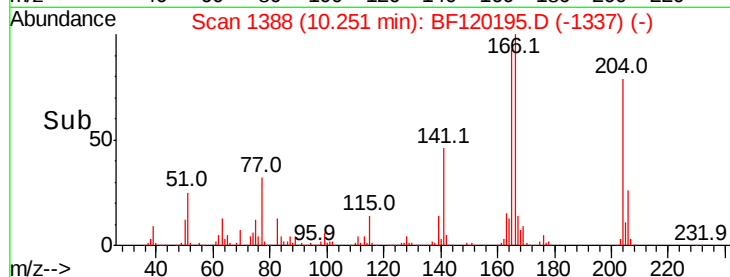
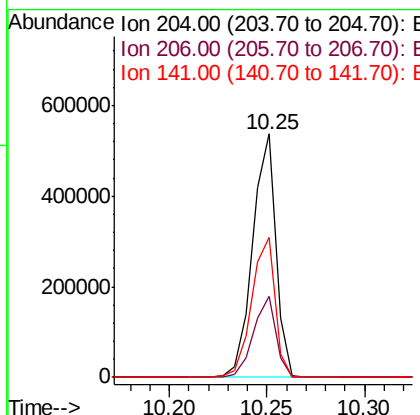
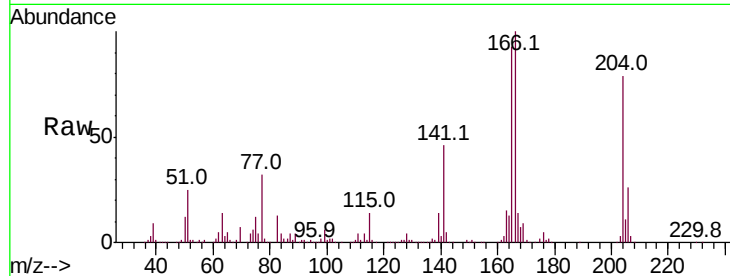
#61
 4-Chlorophenyl-phenylether
 Concen: 39.709 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion:	204	Resp:	445165
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.7	40.1
141	57.4	47.3	70.9

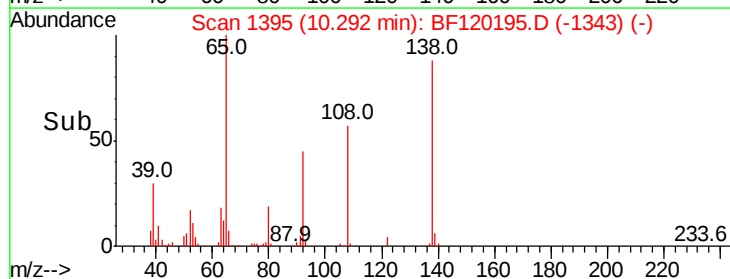
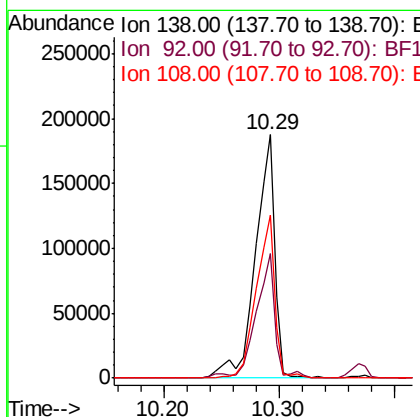
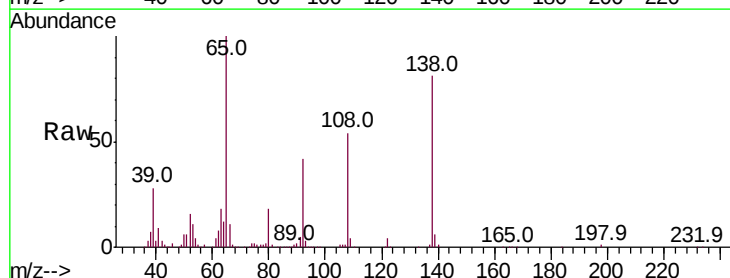
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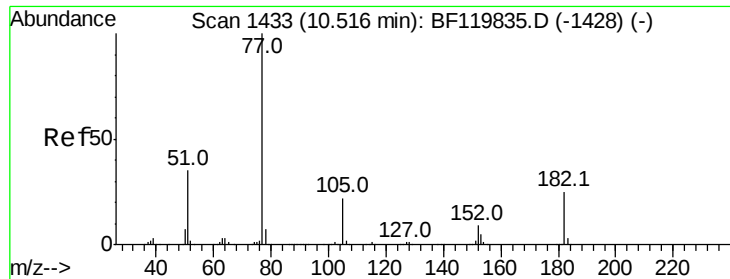
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#62
 4-Nitroaniline
 Concen: 39.771 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion:	138	Resp:	221538
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.5	71.5
108	66.9	45.8	85.8





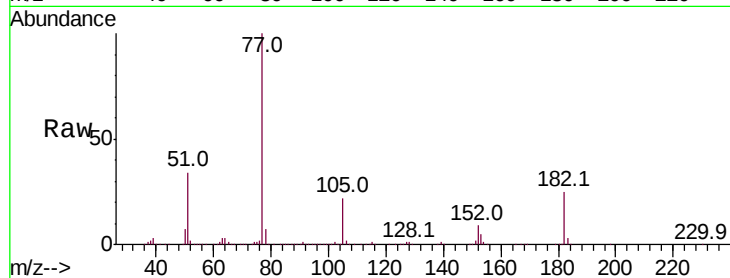
#63
Azobenzene
Concen: 45.534 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

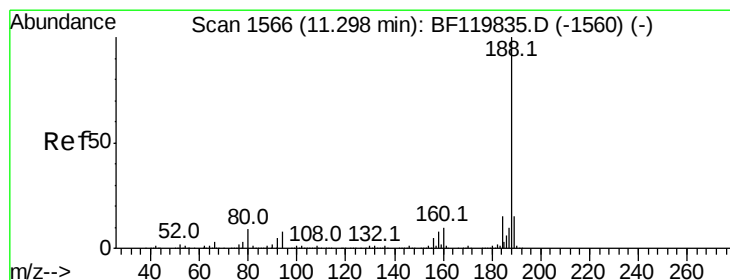
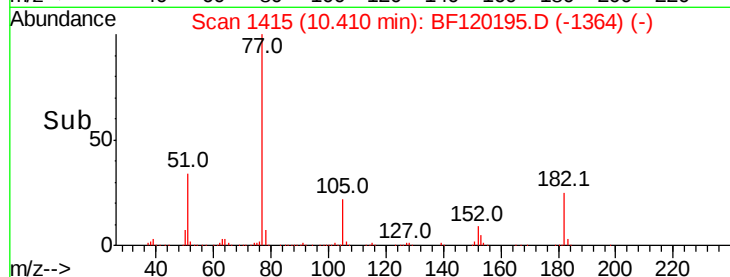
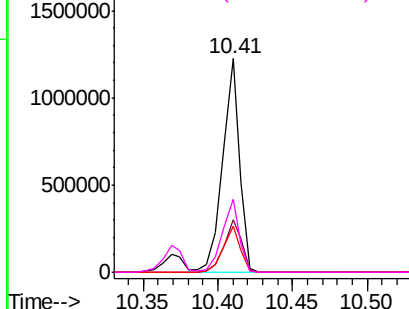
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.8	4.4	44.4		
105	21.9	2.6	42.6		
51	34.2	15.1	55.1		

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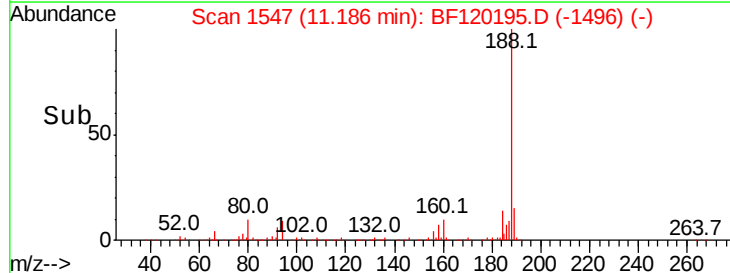
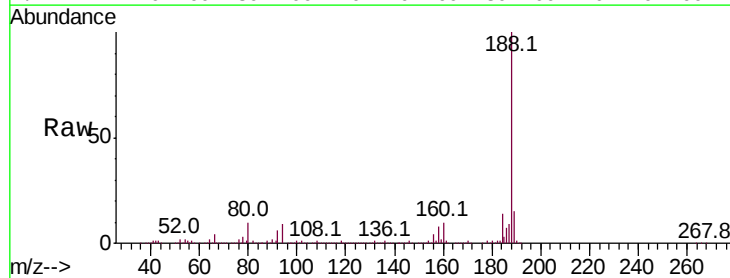
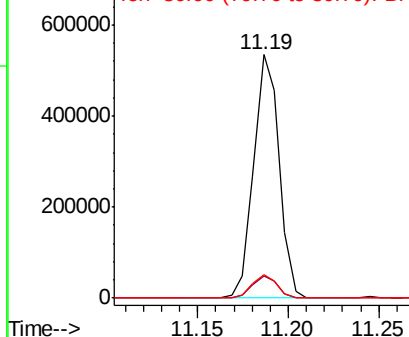
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

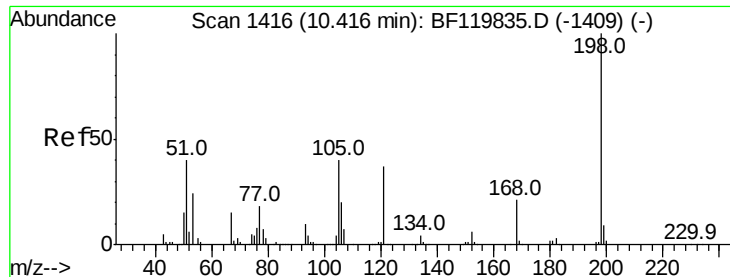


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	7.5	11.3		
80	9.7	9.0	13.4		

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





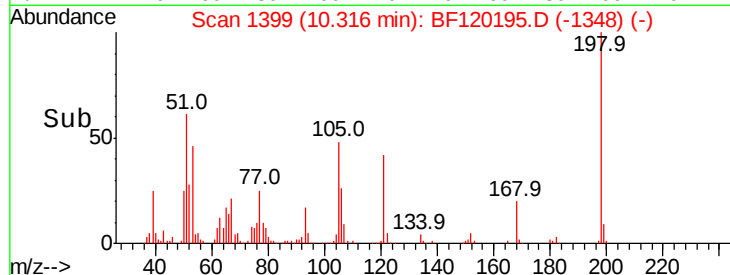
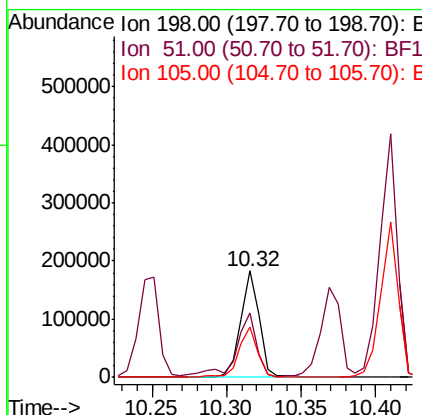
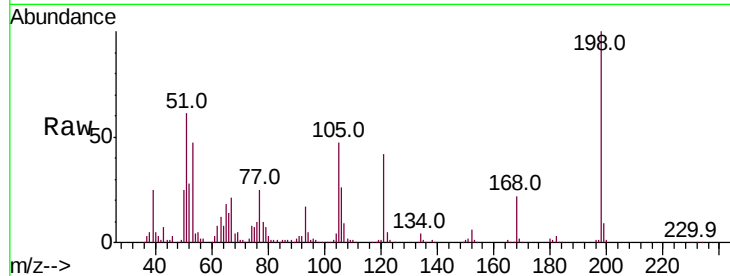
#65
4,6-Dinitro-2-methylphenol
Concen: 46.425 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampled :
ETGI-337MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	159894		
51	61.1	29.0	69.0	
105	47.4	22.2	62.2	

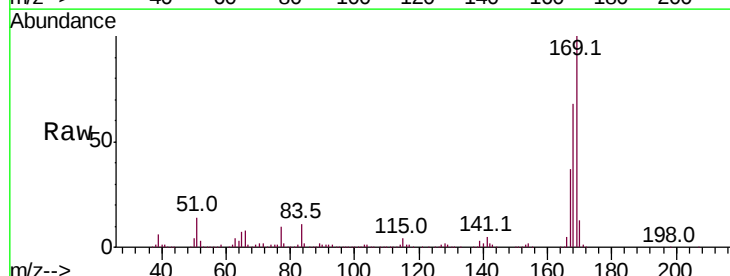
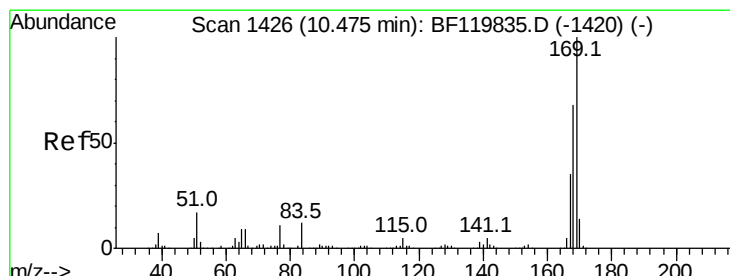
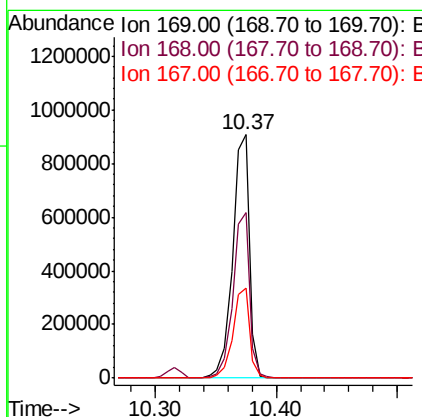
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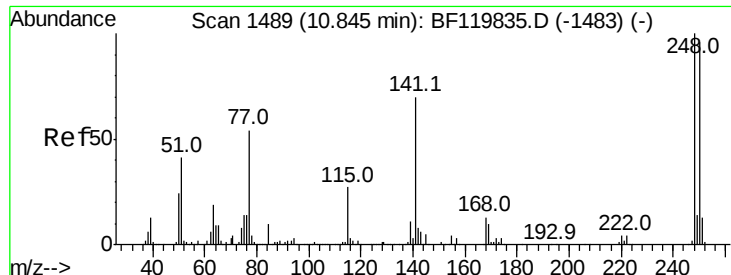
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#66
n-Nitrosodiphenylamine
Concen: 50.513 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	878233		
168	67.8	53.2	79.8	
167	36.8	29.1	43.7	





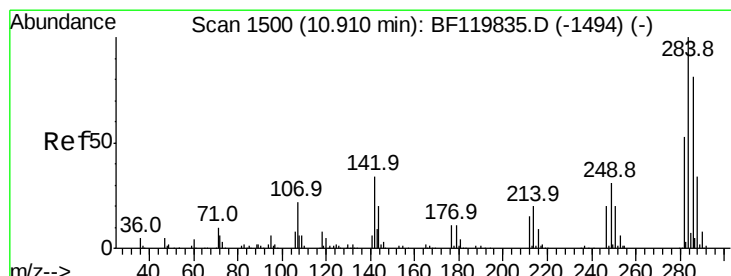
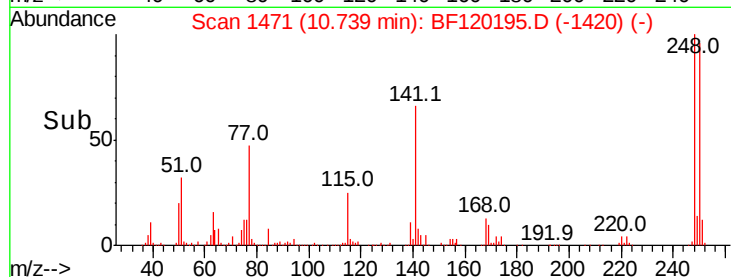
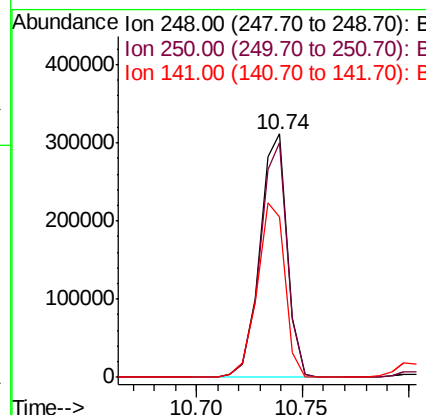
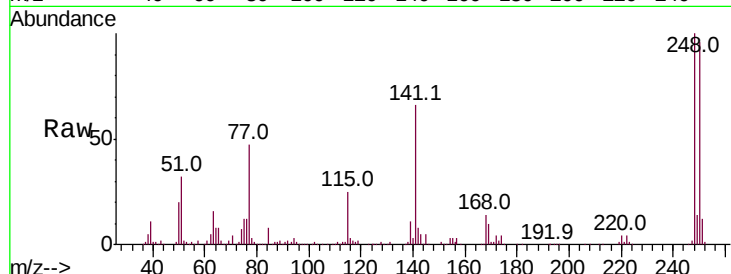
#67
 4-Bromophenyl-phenylether
 Concen: 43.134 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.2	77.3	115.9
141	66.0	58.6	87.8

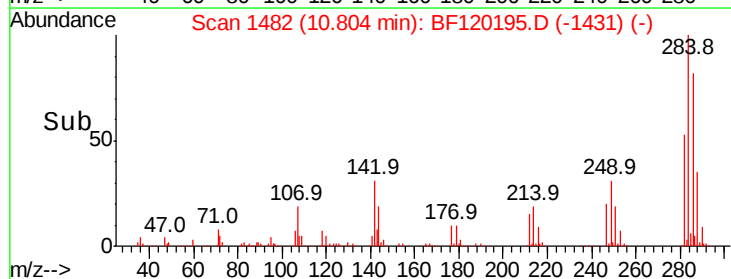
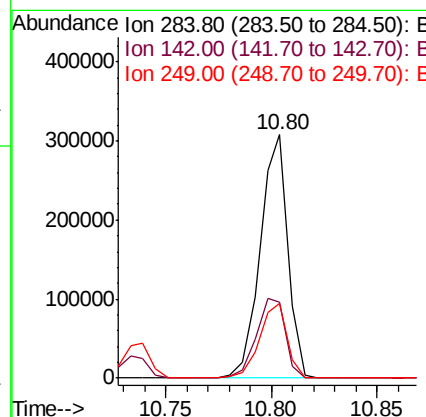
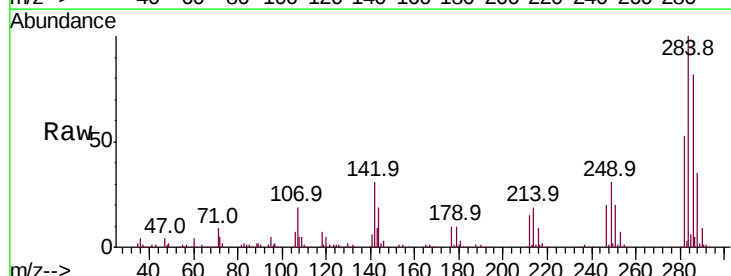
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#68
 Hexachlorobenzene
 Concen: 42.453 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	29.2	43.8
249	30.7	25.1	37.7





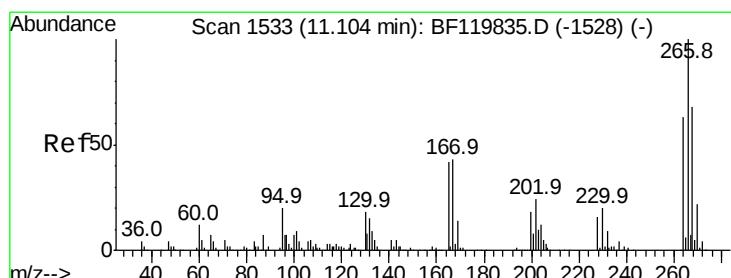
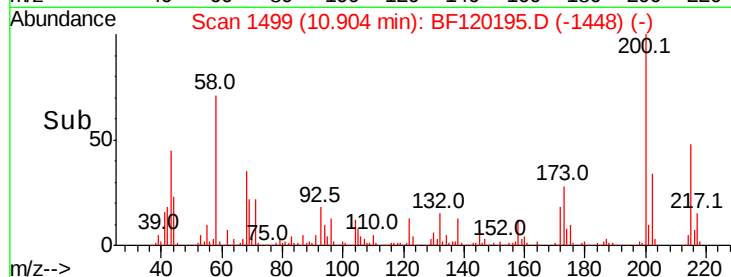
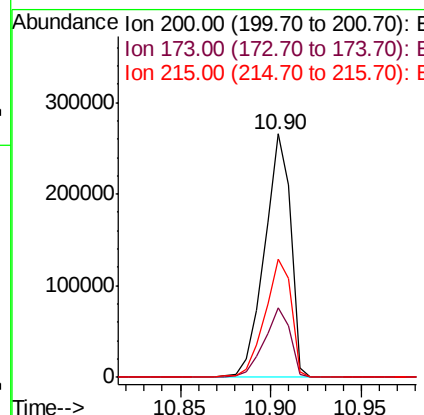
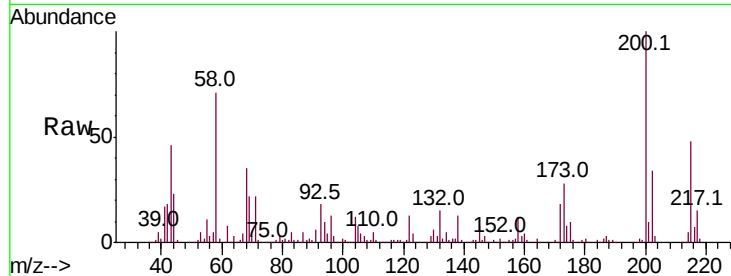
#69
Atrazine
Concen: 54.992 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	9.3	49.3
215	48.3	29.5	69.5

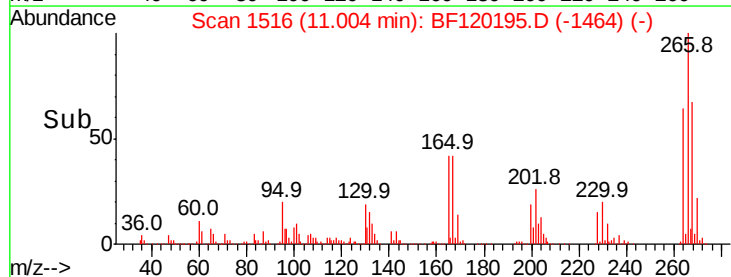
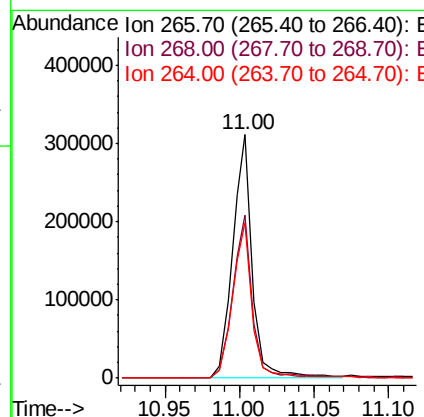
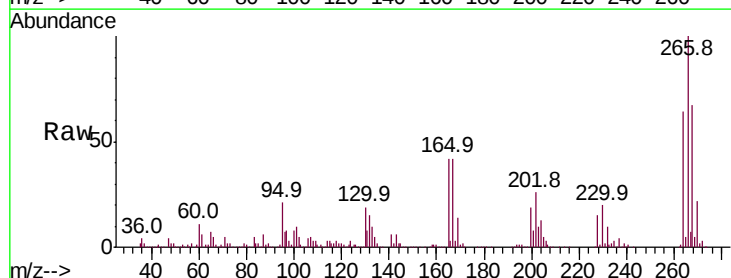
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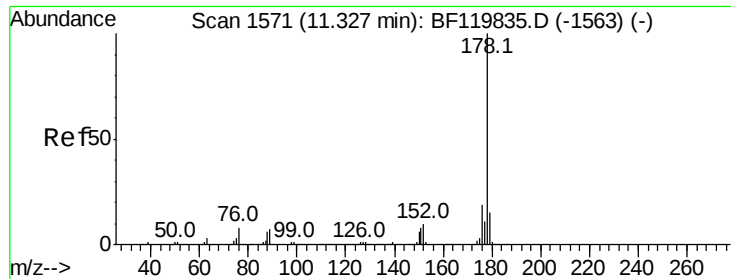
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#70
Pentachlorophenol
Concen: 76.649 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.1	53.3	79.9
264	63.7	49.0	73.4





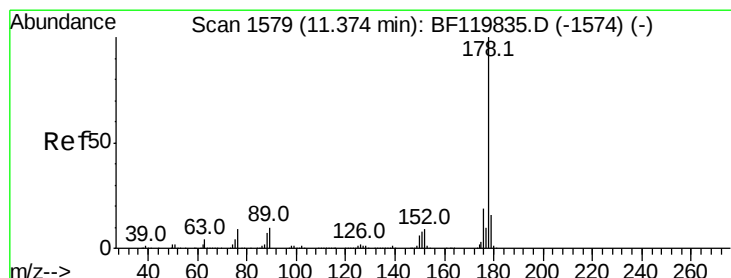
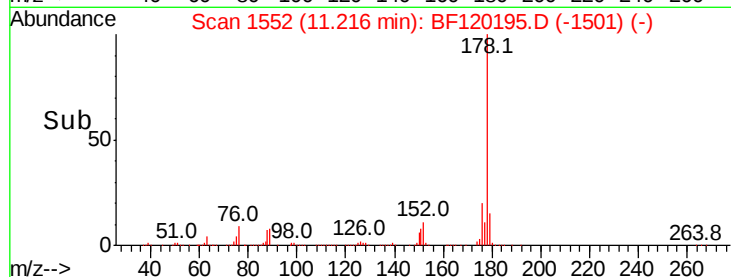
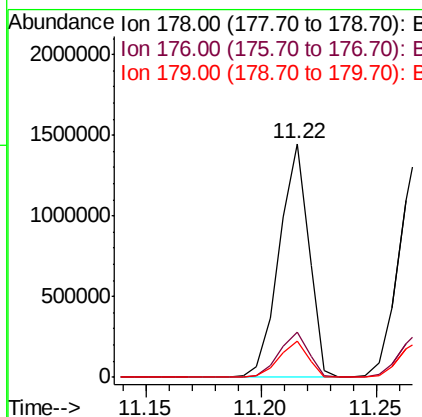
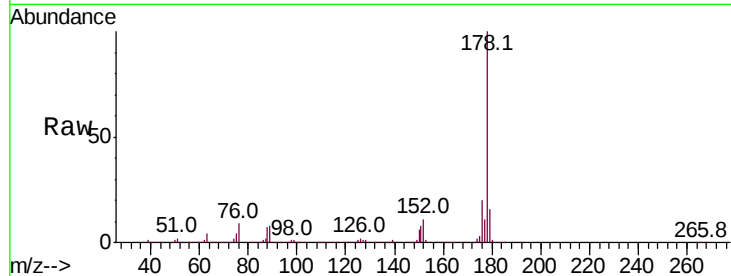
#71
Phenanthrene
Concen: 45.963 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion:178 Resp: 1278830
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.6 13.2 19.8

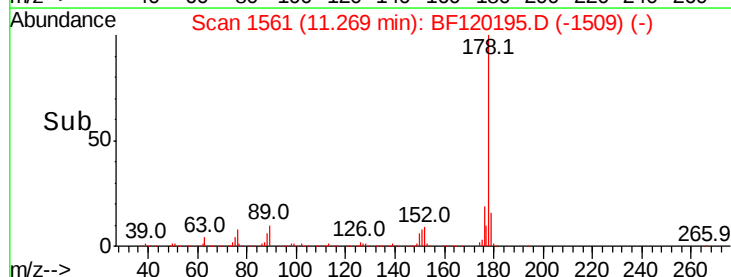
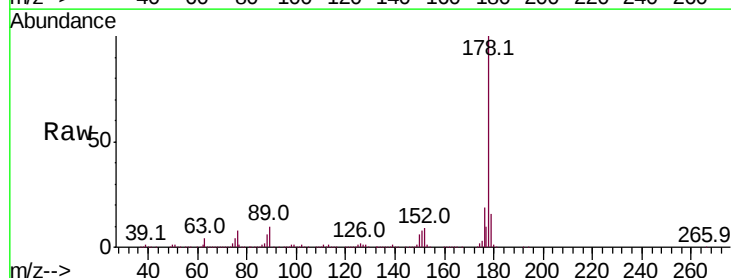
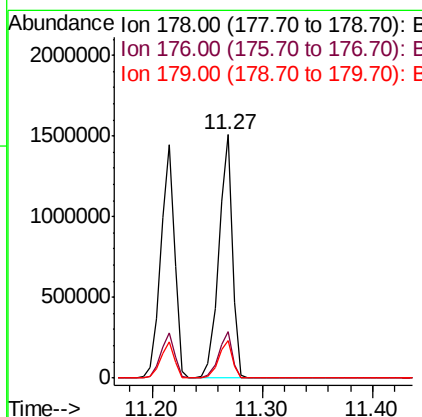
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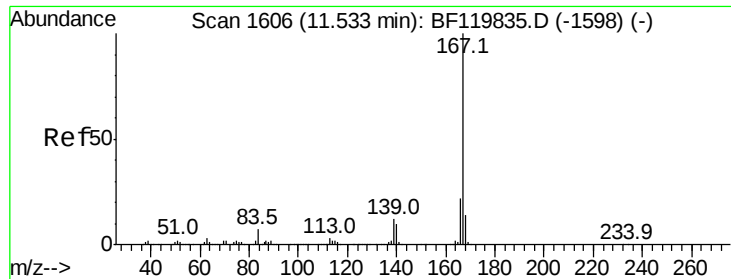
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#72
Anthracene
Concen: 45.209 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion:178 Resp: 1284974
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 15.5 13.0 19.4





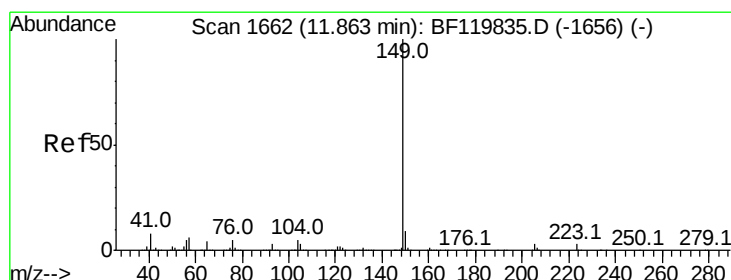
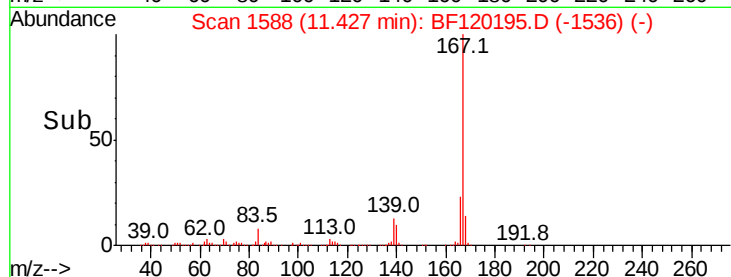
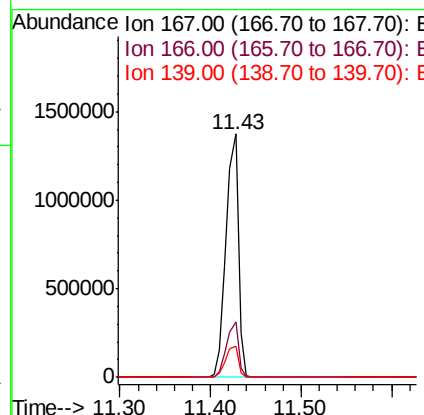
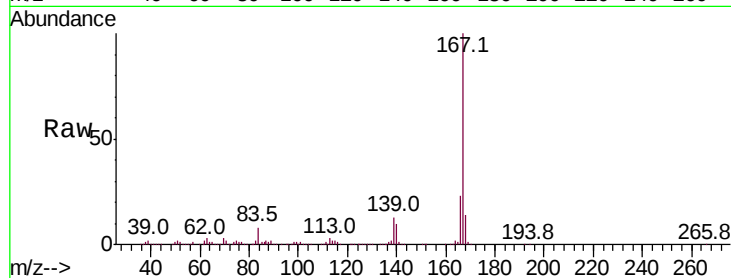
#73
 Carbazole
 Concen: 47.773 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion:167 Resp: 1284080
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 12.6 10.7 16.1

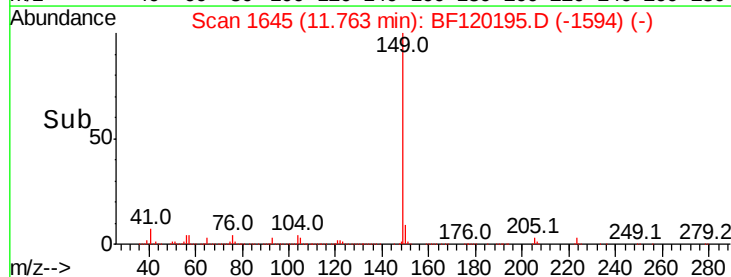
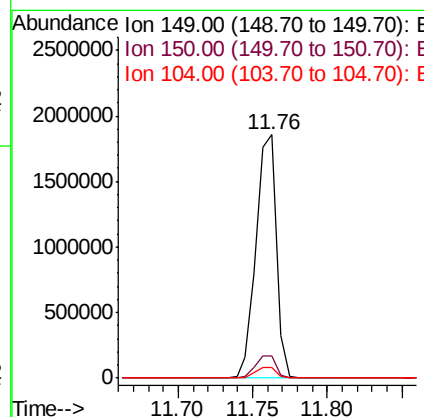
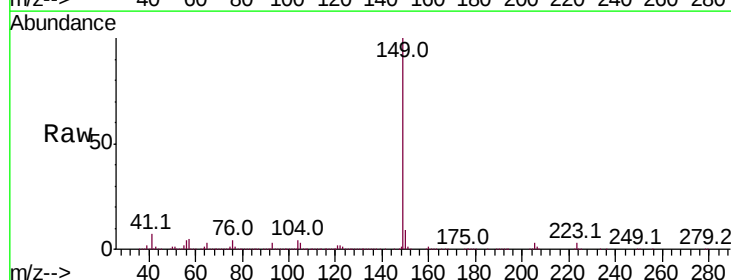
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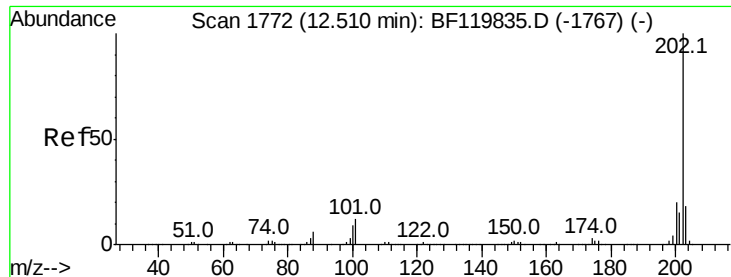
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#74
 Di-n-butylphthalate
 Concen: 49.255 ng
 RT: 11.76 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion:149 Resp: 1740439
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.8
 104 4.2 3.6 5.4





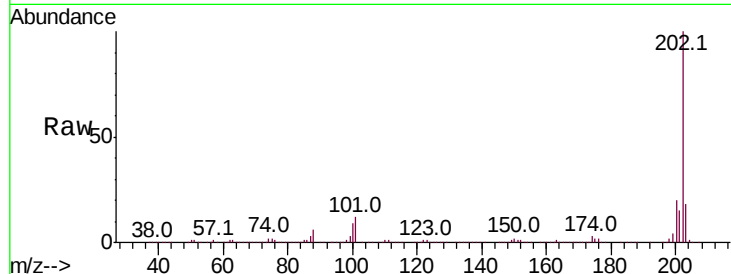
#75
 Fluoranthene
 Concen: 47.573 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

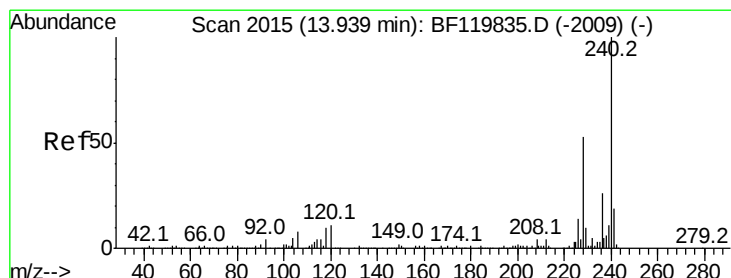
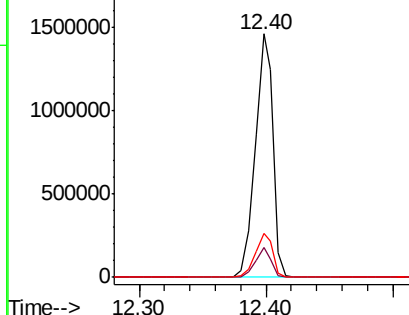
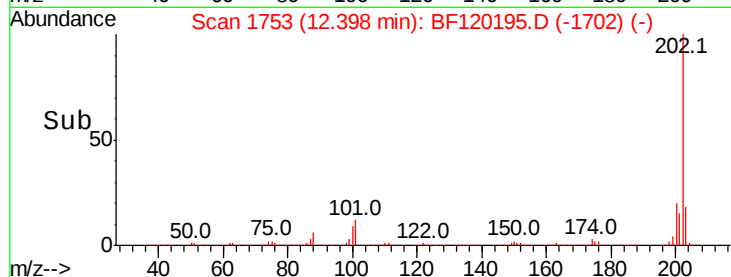
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1428186		
101	12.4		0.0	32.2
203	18.0		0.0	38.8

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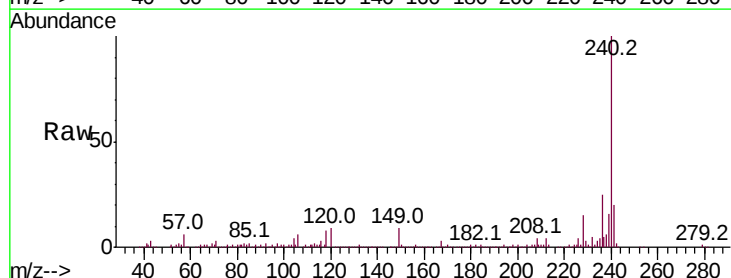


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

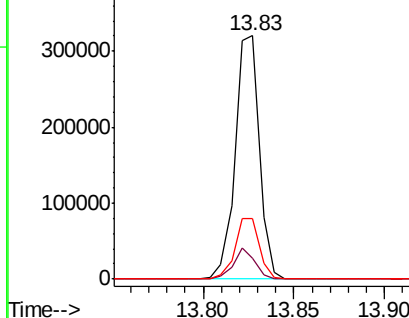
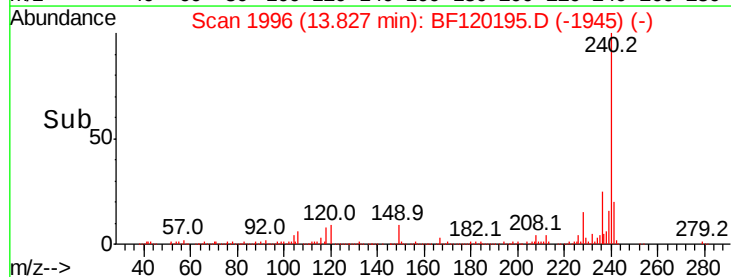


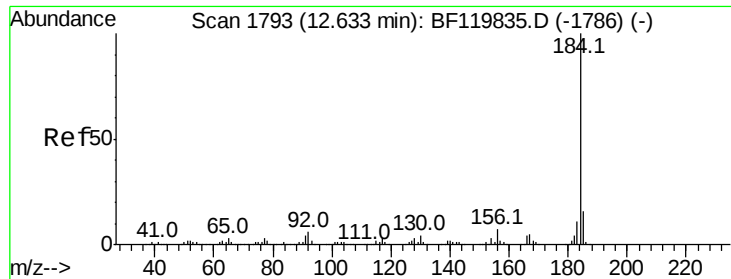
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	298580		
120	8.6		10.6	15.8#
236	25.1		20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 400000
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.399 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

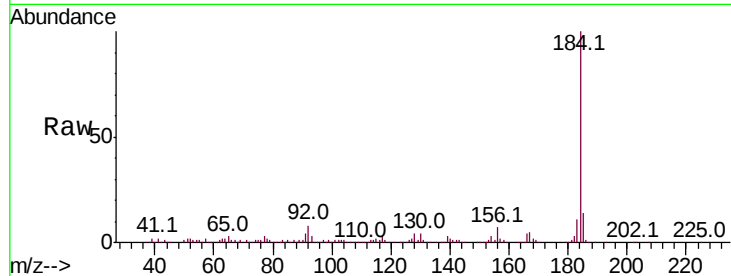
ClientSampleId :

ETGI-337MS

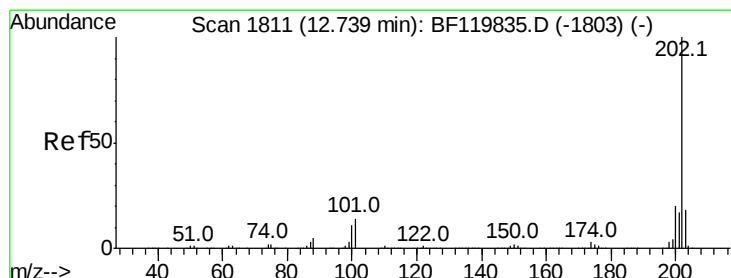
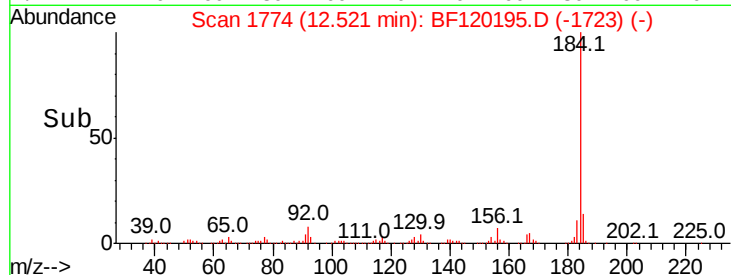
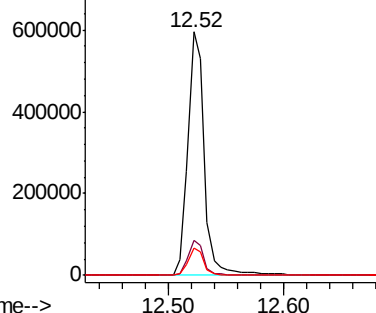
Tot Ion:	184	Resp:	589415
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.3	18.5
183	11.2	9.0	13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
800000 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.135 ng

RT: 12.63 min Scan# 1792

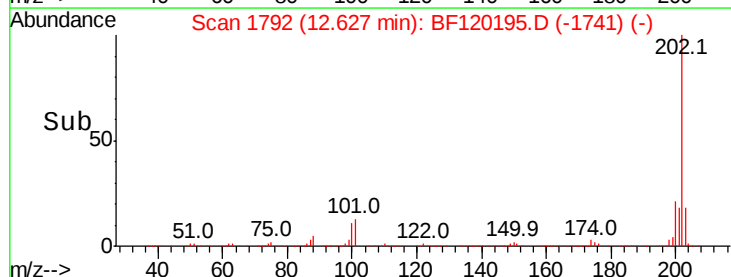
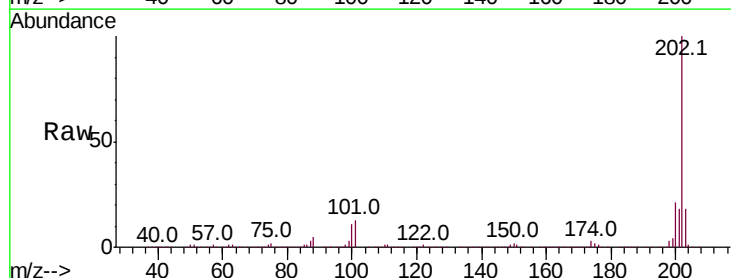
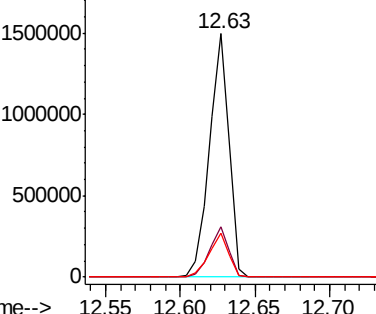
Delta R.T. 0.00 min

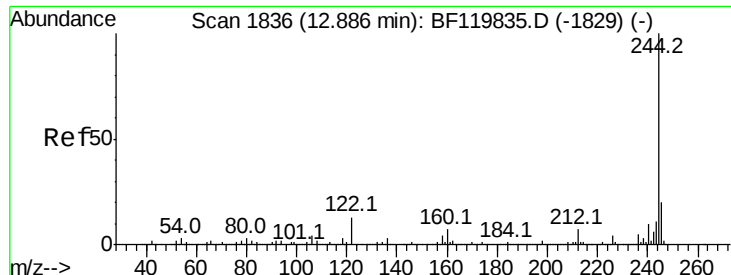
Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	202	Resp:	1362617
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	18.1	15.1	22.7

Abundance Ion 202.00 (201.70 to 202.70): E
2000000 Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





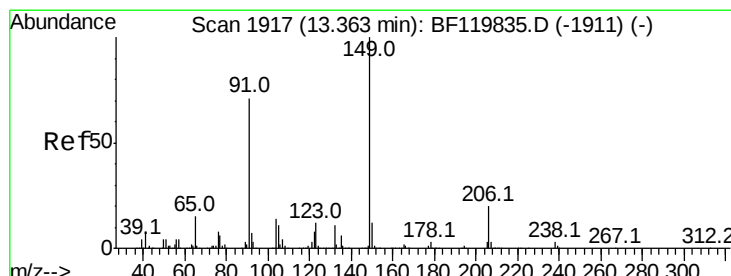
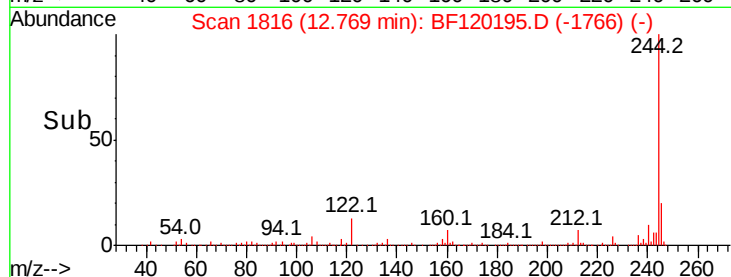
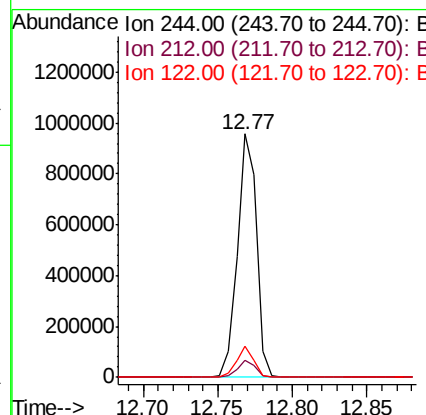
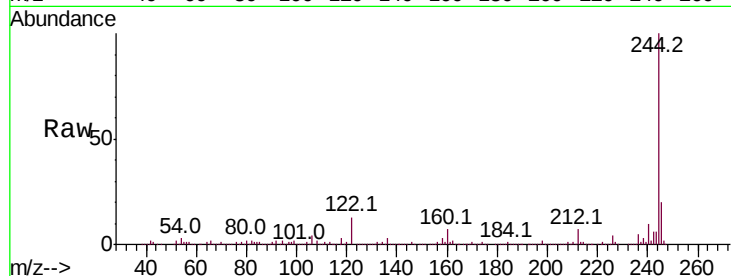
#79
 Terphenyl-d14
 Concen: 48.744 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-337MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.9	10.3	15.5

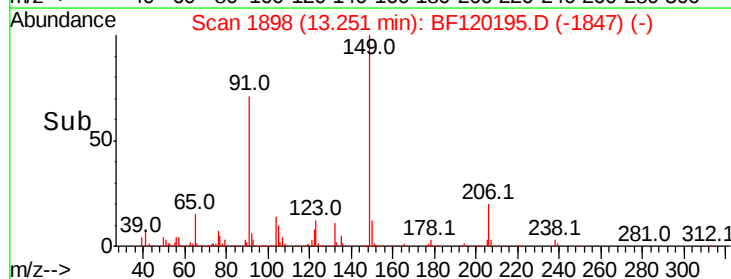
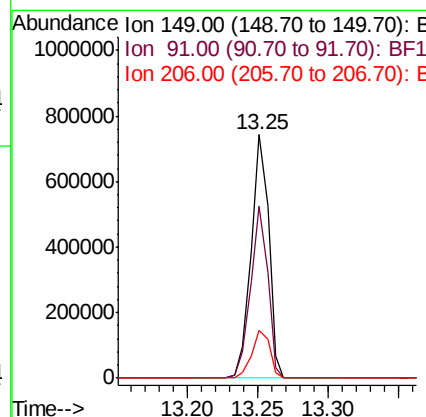
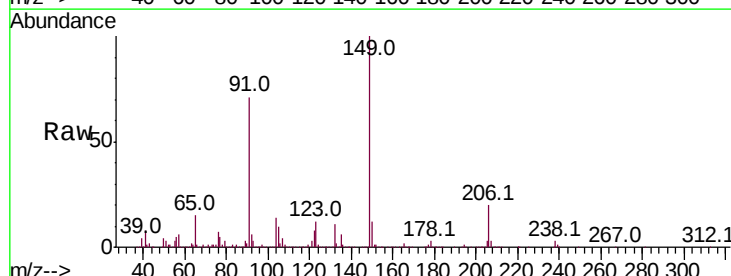
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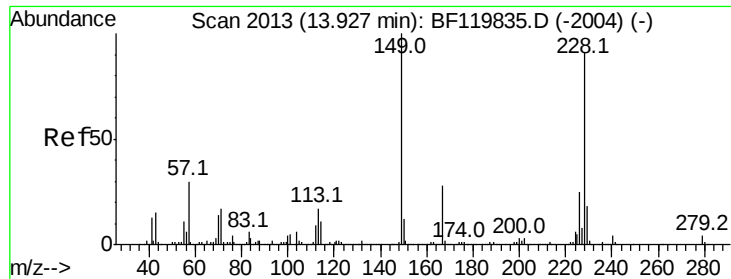
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#80
 Butylbenzylphthalate
 Concen: 52.883 ng
 RT: 13.25 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF120195.D
 Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	54.7	82.1
206	19.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 47.954 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

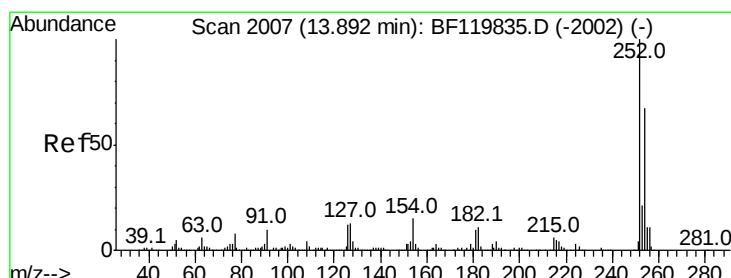
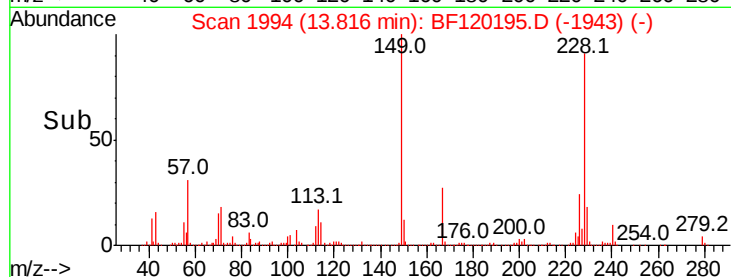
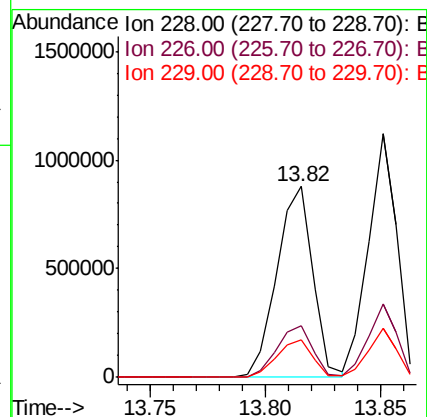
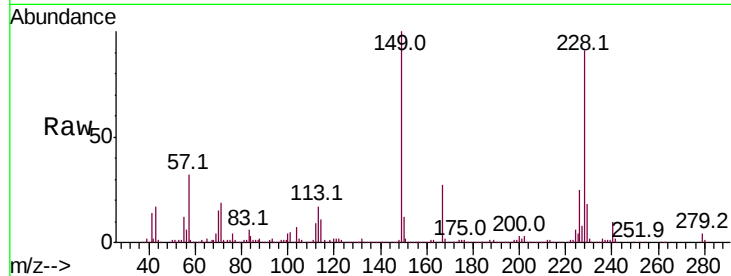
ClientSampled :

ETGI-337MS

Tot Ion:	228	Resp:	941929
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.8
229	20.0	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 27.866 ng

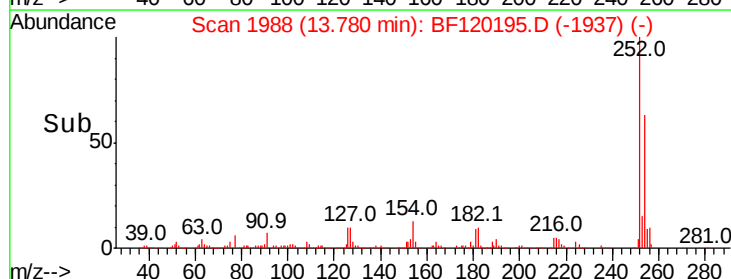
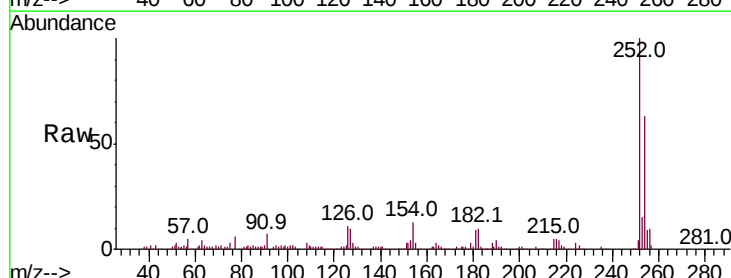
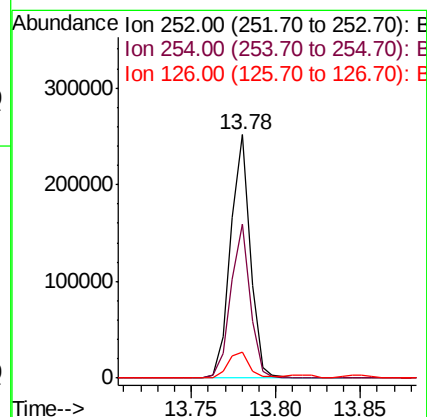
RT: 13.78 min Scan# 1988

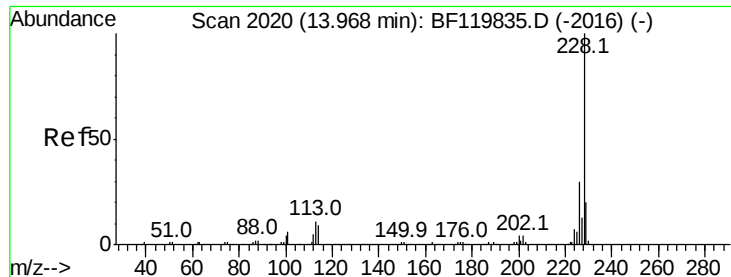
Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	252	Resp:	204231
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.2	76.8
126	10.7	9.6	14.4





#83

Chrysene

Concen: 47.976 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

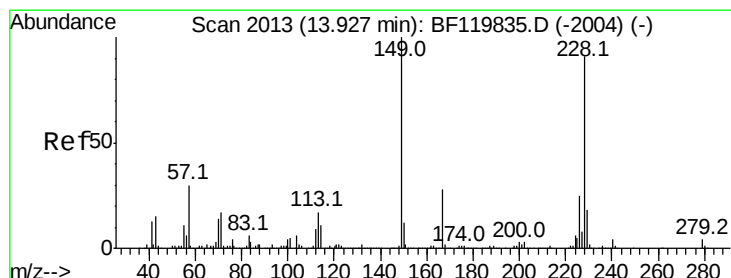
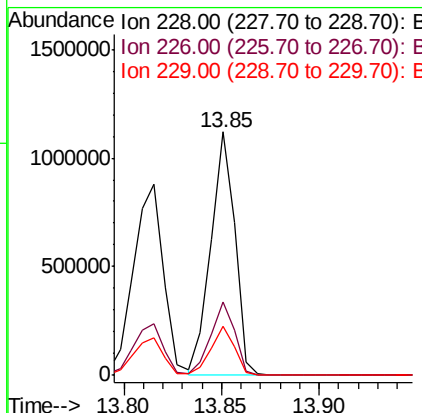
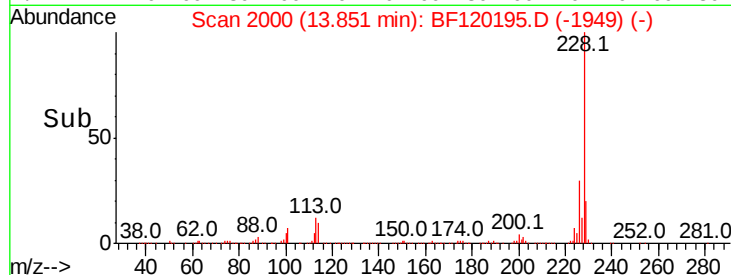
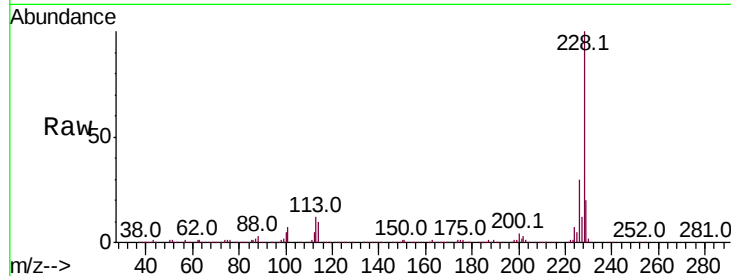
ClientSampleId :

ETGI-337MS

Tot Ion:	228	Resp:	957529
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.4	38.0
229	20.2	16.6	24.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 51.157 ng

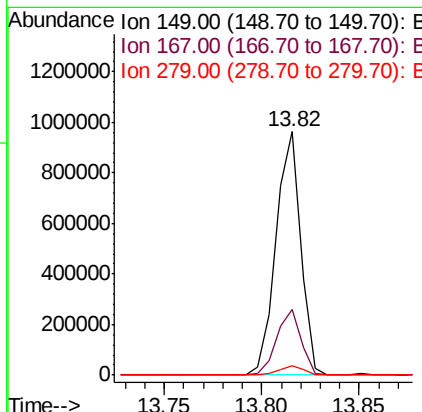
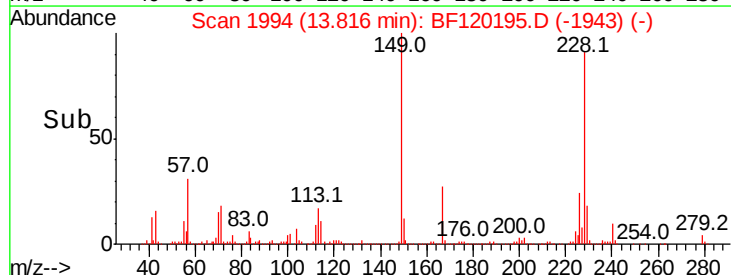
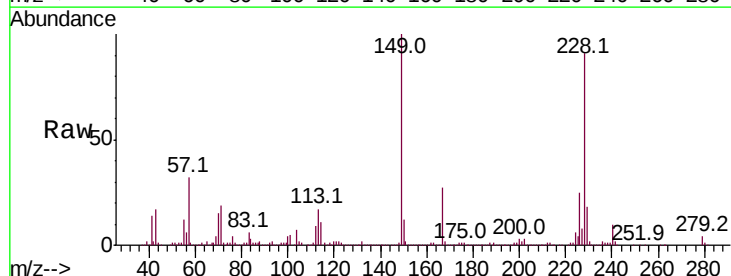
RT: 13.82 min Scan# 1994

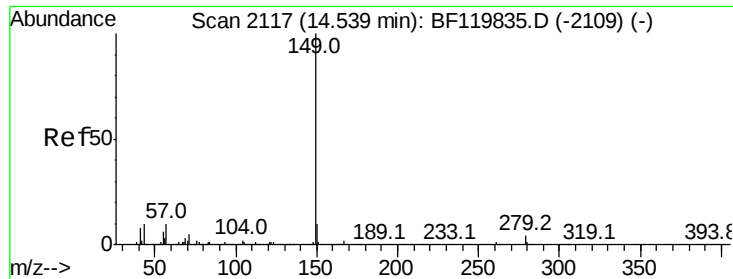
Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	149	Resp:	846124
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.8	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 47.641 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

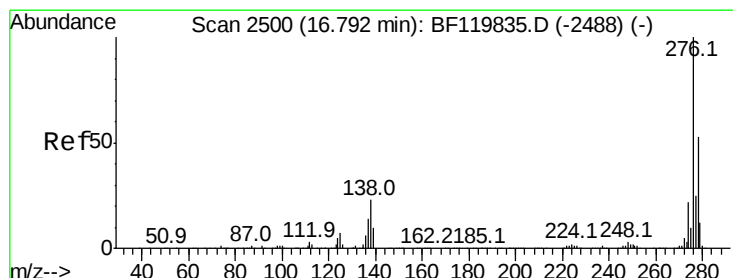
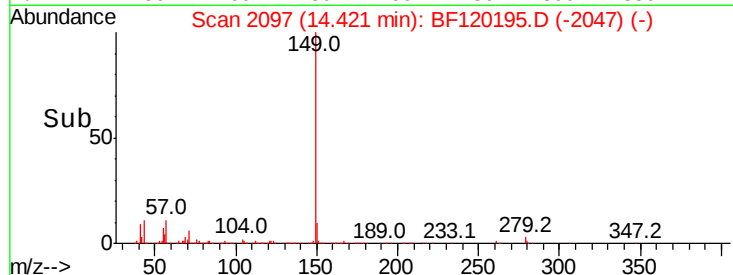
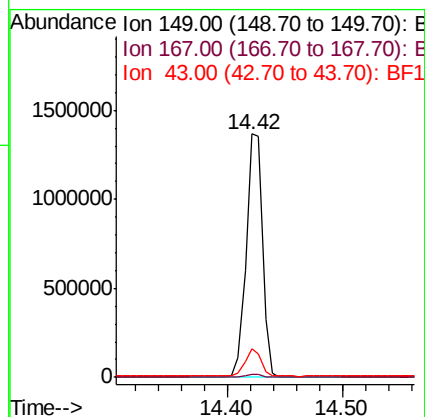
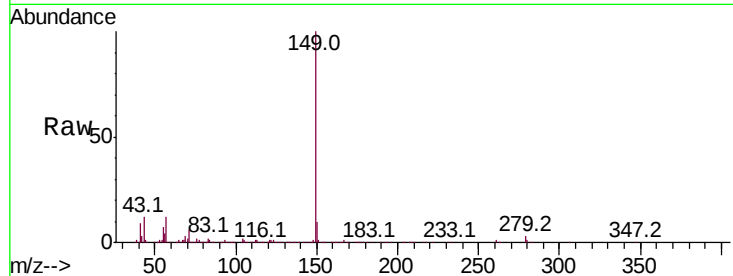
ClientSampleId :

ETGI-337MS

Tot Ion:	149	Resp:	1341656
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	10.7	9.3	13.9

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#86

Indeno(1,2,3-cd)pyrene

Concen: 52.523 ng

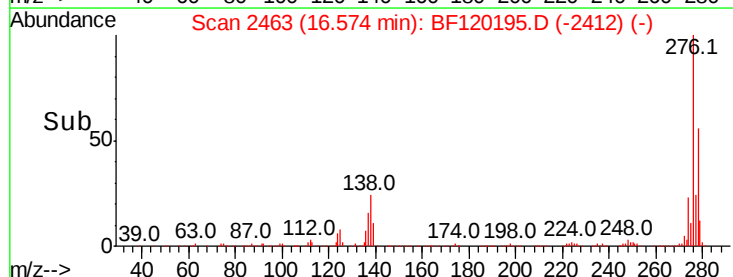
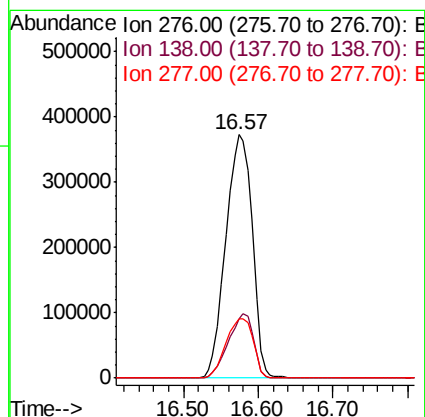
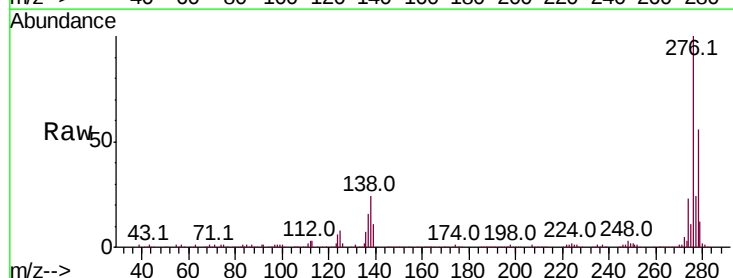
RT: 16.57 min Scan# 2463

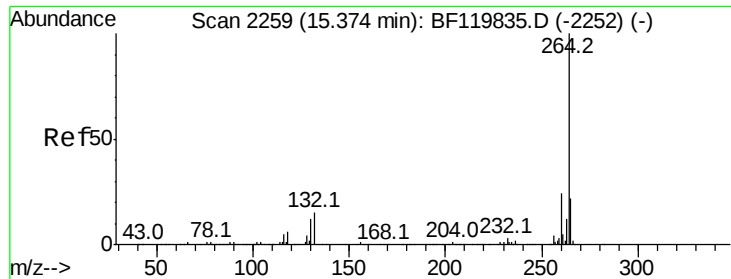
Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	276	Resp:	924044
Ion Ratio	Lower	Upper	
276	100		
138	25.2	19.6	29.4
277	25.3	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Instrument :

BNA_F

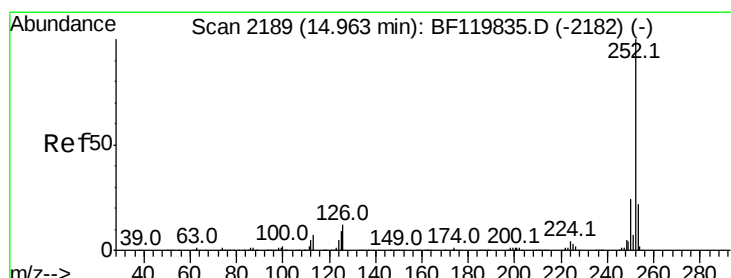
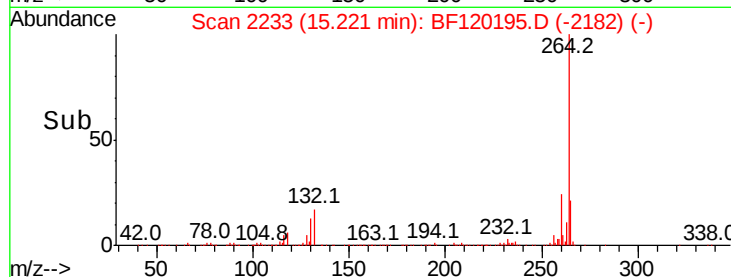
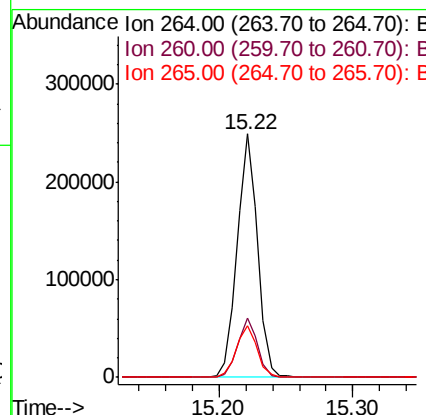
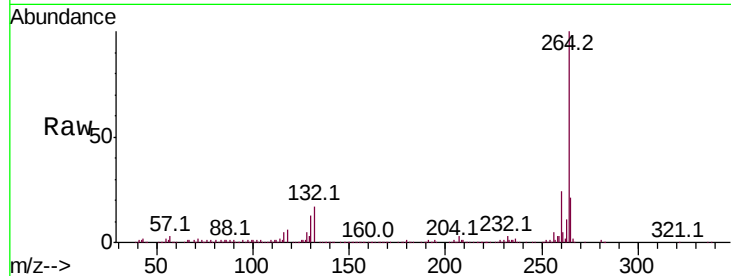
ClientSampleId :

ETGI-337MS

Tot Ion:	264	Resp:	267347
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.7	28.1
265	21.1	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 45.671 ng

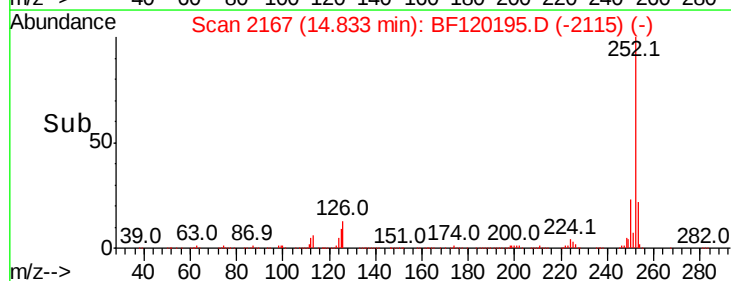
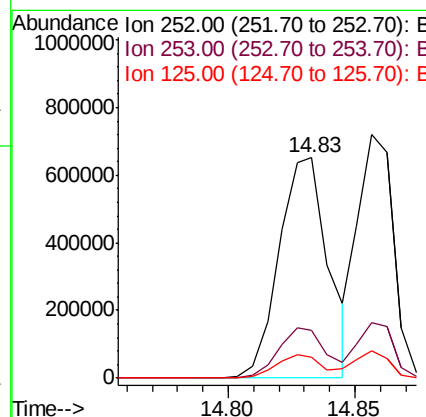
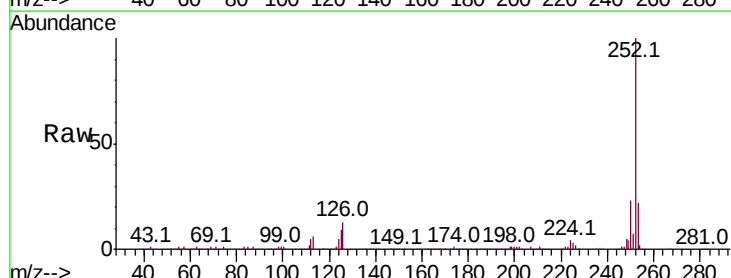
RT: 14.83 min Scan# 2167

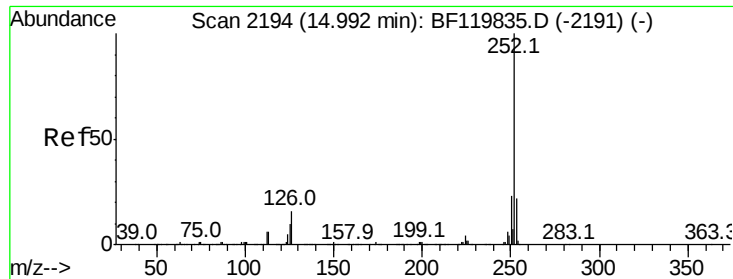
Delta R.T. 0.01 min

Lab File: BF120195.D

Acq: 24 Apr 2020 12:01

Tgt Ion:	252	Resp:	878364
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.4	26.0
125	9.4	7.9	11.9





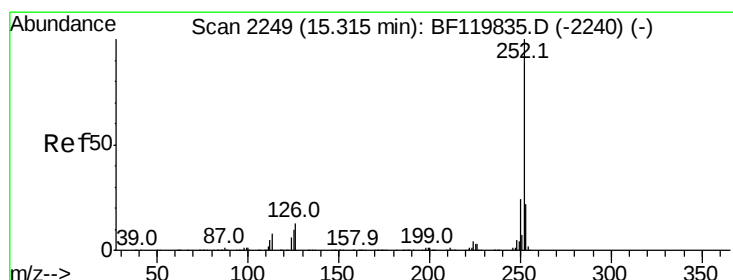
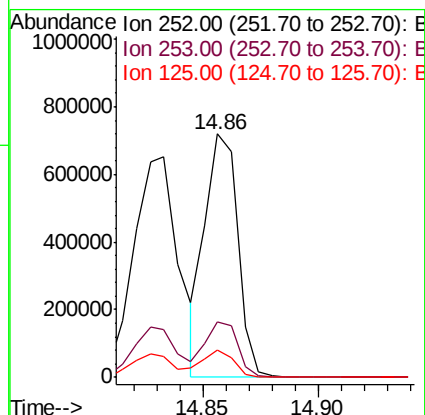
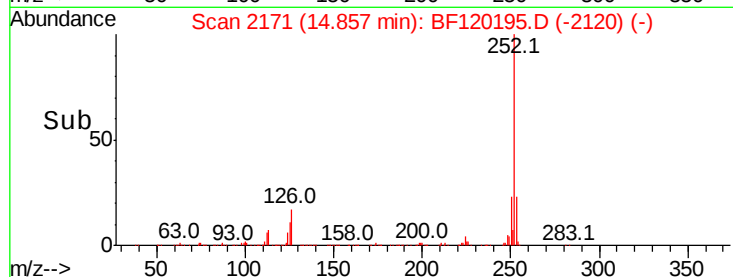
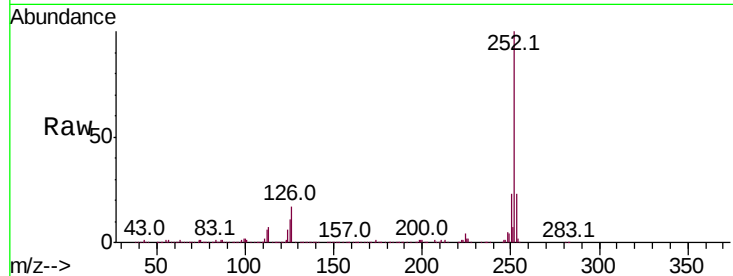
#89
Benzo(k)fluoranthene
Concen: 42.686 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.4	8.4	12.6

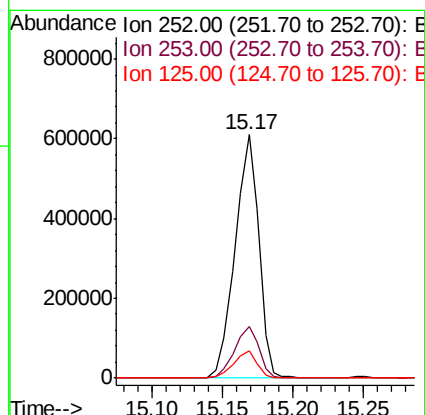
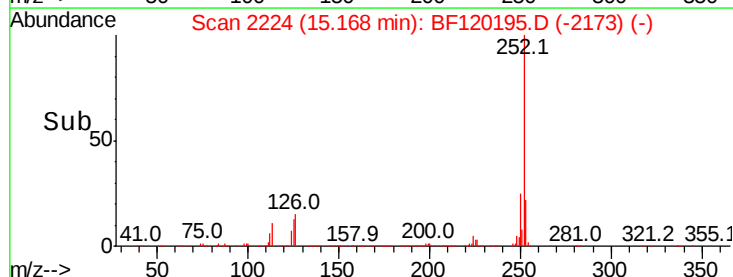
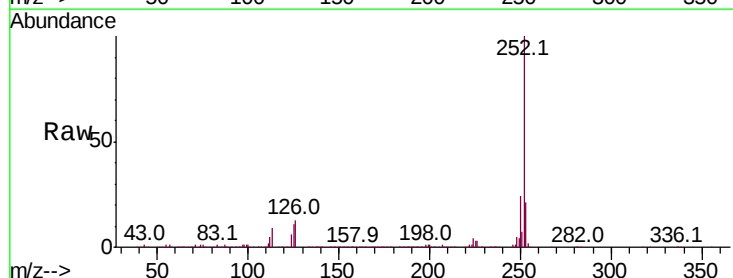
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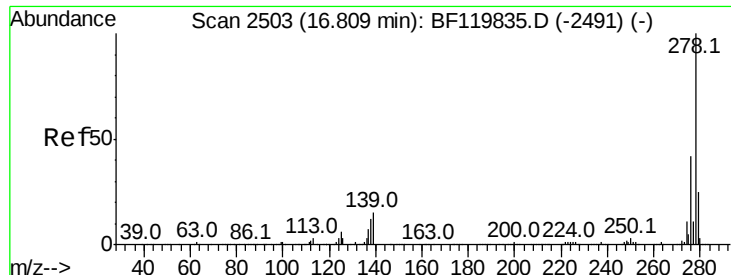
mohammad
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#90
Benzo(a)pyrene
Concen: 44.256 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.4	9.4	14.2





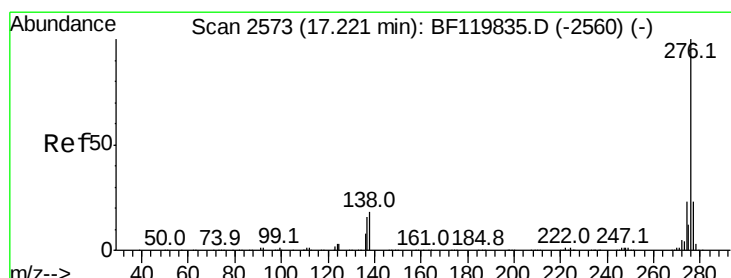
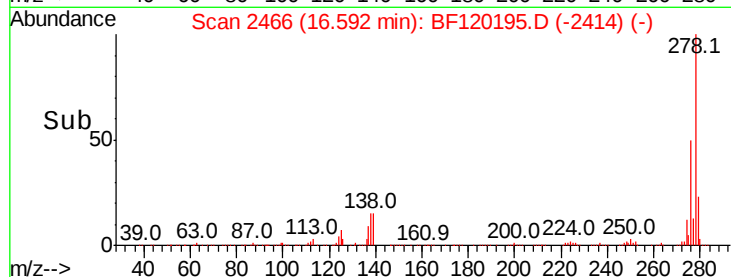
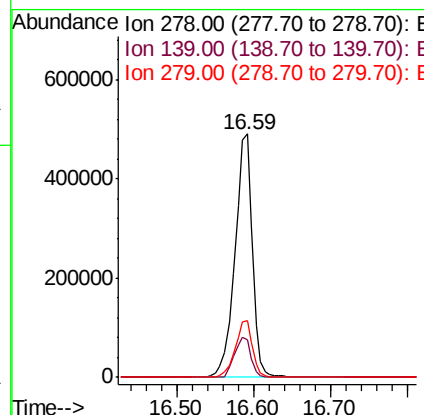
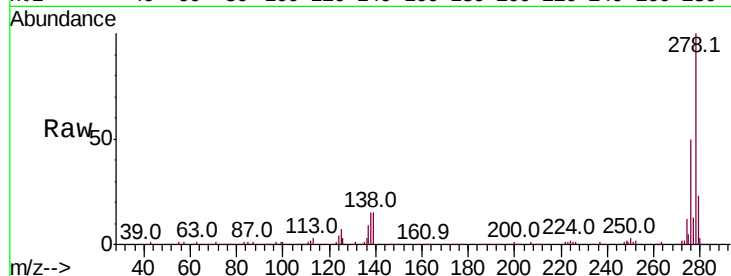
#91
Dibenzo(a,h)anthracene
Concen: 54.183 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Instrument :
BNA_F
ClientSampleId :
ETGI-337MS

Tot Ion:278	Resp:	776102
Ion Ratio	Lower	Upper
278 100		
139 15.5	12.6	19.0
279 23.4	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/27/2020 3:04:11 PM



#92
Benzo(g,h,i)perylene
Concen: 56.256 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF120195.D
Acq: 24 Apr 2020 12:01

Tgt Ion:276	Resp:	795399
Ion Ratio	Lower	Upper
276 100		
277 23.7	18.4	27.6
138 21.3	15.4	23.0

