

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119745.D
 Acq On : 4 Apr 2020 5:20
 Operator : MA/SJ
 Sample : L2129-26MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:39:08 PM

Quant Time: Apr 04 06:26:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184205	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	690008	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	336349	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	595790	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	345559	20.00	ng	-0.02
87) Perylene-d12	15.43	264	372575	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1771424	153.09	ng	0.02
7) Phenol-d6	6.45	99	2311155	156.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	1431837	112.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	586196	168.93	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2560141	112.76	ng	0.00
79) Terphenyl-d14	12.93	244	2341752	132.77	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.62	88	247105	43.238	ng	99
3) Pyridine	3.35	79	692521	43.985	ng	93
4) n-Nitrosodimethylamine	3.30	42	359930	46.878	ng	94
6) Aniline	6.47	93	723916	35.485	ng	98
8) 2-Chlorophenol	6.59	128	718208	59.096	ng	97
9) Benzaldehyde	6.35	77	379166	40.436	ng	96
10) Phenol	6.46	94	883990	56.047	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	670684	53.168	ng	98
12) 1,3-Dichlorobenzene	6.75	146	709971	53.976	ng	97
13) 1,4-Dichlorobenzene	6.82	146	721739	54.857	ng	98
14) 1,2-Dichlorobenzene	6.98	146	670581	54.529	ng	98
15) Benzyl Alcohol	6.95	79	581874	52.331	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1154481	45.373	ng	98
17) 2-Methylphenol	7.06	107	567292	50.946	ng	97
18) Hexachloroethane	7.32	117	262897	54.526	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	468836	52.621	ng	97
20) 3+4-Methylphenols	7.22	107	677983	49.682	ng	# 83
22) Acetophenone	7.22	105	900328	54.607	ng	# 86
24) Nitrobenzene	7.39	77	715296	52.718	ng	99
25) Isophorone	7.63	82	1324069	51.411	ng	100
26) 2-Nitrophenol	7.71	139	368385	68.956	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	582750	52.754	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	833614	54.737	ng	100
29) 2,4-Dichlorophenol	7.95	162	557612	54.937	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	613470	54.652	ng	99
31) Naphthalene	8.12	128	1960066	55.200	ng	99
32) Benzoic acid	7.88	122	448824	63.163	ng	95
33) 4-Chloroaniline	8.16	127	298239	18.330	ng	99
34) Hexachlorobutadiene	8.23	225	343930	54.762	ng	97
35) Caprolactam	8.55	113	182836m	55.040	ng	
36) 4-Chloro-3-methylphenol	8.65	107	598262	53.929	ng	99
37) 2-Methylnaphthalene	8.81	142	1302063	55.873	ng	98
38) 1-Methylnaphthalene	8.90	142	1216768	55.163	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	563551	57.163	ng	99

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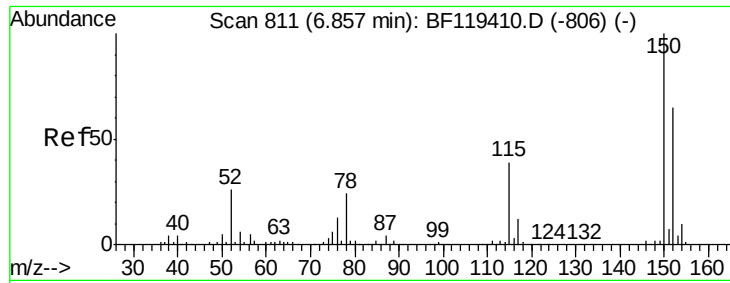
Manual Integrations
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Quant Time: Apr 04 06:26:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	411786	73.471	nq	100
43) 2,4,6-Trichlorophenol	9.09	196	405559	57.485	nq	100
44) 2,4,5-Trichlorophenol	9.13	196	409348	51.794	nq	96
46) 1,1'-Biphenyl	9.27	154	1518687	55.439	nq	98
47) 2-Chloronaphthalene	9.30	162	1184421	55.197	nq	98
48) 2-Nitroaniline	9.39	65	417050	56.309	nq	96
49) Acenaphthylene	9.72	152	1837521	54.531	nq	98
50) Dimethylphthalate	9.57	163	1607503	67.285	nq	100
51) 2,6-Dinitrotoluene	9.63	165	306818	59.915	nq	90
52) Acenaphthene	9.89	154	1161619	55.296	nq	98
53) 3-Nitroaniline	9.80	138	196617	30.412	nq	99
54) 2,4-Dinitrophenol	9.90	184	118694	55.970	nq	# 87
55) Dibenzofuran	10.06	168	1635723	54.309	nq	100
56) 4-Nitrophenol	9.97	139	481732	94.456	nq	95
57) 2,4-Dinitrotoluene	10.04	165	391896	60.750	nq	95
58) Fluorene	10.40	166	1249423	56.097	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	328455	55.599	nq	98
60) Diethylphthalate	10.27	149	1365651	56.320	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	596303	54.749	nq	98
62) 4-Nitroaniline	10.42	138	275278	44.403	nq	99
63) Azobenzene	10.55	77	1295024	53.036	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	95250	38.126	nq	95
66) n-Nitrosodiphenylamine	10.51	169	1142305	58.403	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	383663	56.543	nq	99
68) Hexachlorobenzene	10.95	284	407227	58.639	nq	# 91
69) Atrazine	11.04	200	330446	61.627	nq	100
70) Pentachlorophenol	11.15	266	400603	98.380	nq	96
71) Phenanthrene	11.36	178	1776233	57.496	nq	99
72) Anthracene	11.42	178	1748588	55.691	nq	98
73) Carbazole	11.57	167	1523312	49.016	nq	99
74) Di-n-butylphthalate	11.90	149	2016485	60.655	nq	100
75) Fluoranthene	12.55	202	1758223	52.588	nq	98
77) Benzidine	12.67	184	832045	56.895	nq	98
78) Pyrene	12.78	202	1714724	60.463	nq	98
80) Butylbenzylphthalate	13.40	149	710412	61.935	nq	98
81) Benzo(a)anthracene	13.97	228	1303024	57.986	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	453415	51.175	nq	100
83) Chrysene	14.00	228	1288157	55.545	nq	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	913855	66.834	nq	# 97
85) Di-n-octyl phthalate	14.57	149	1532522	63.729	nq	98
86) Indeno(1,2,3-cd)pyrene	16.88	276	1319411	60.408	nq	99
88) Benzo(b)fluoranthene	15.01	252	1389688	55.838	nq	99
89) Benzo(k)fluoranthene	15.04	252	1305314	55.080	nq	100
90) Benzo(a)pyrene	15.37	252	1267304	56.031	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	1093892	55.294	nq	100
92) Benzo(g,h,i)perylene	17.32	276	1064226	53.547	nq	97

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



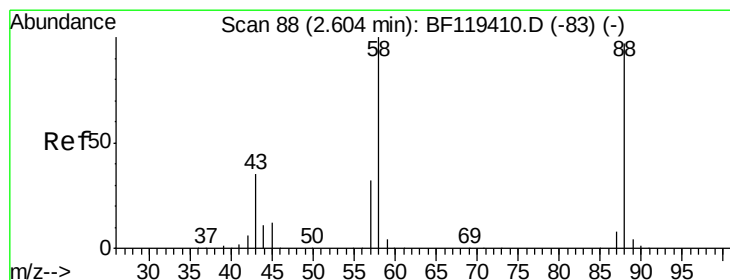
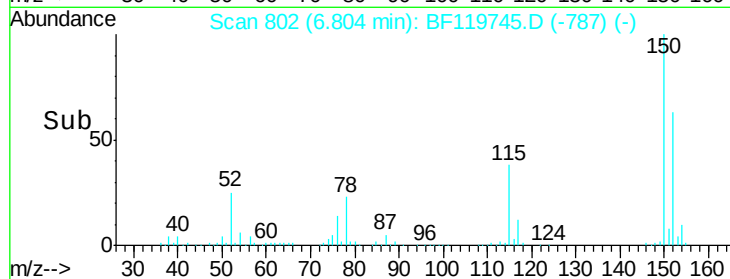
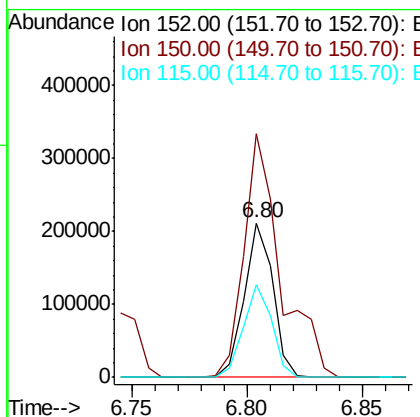
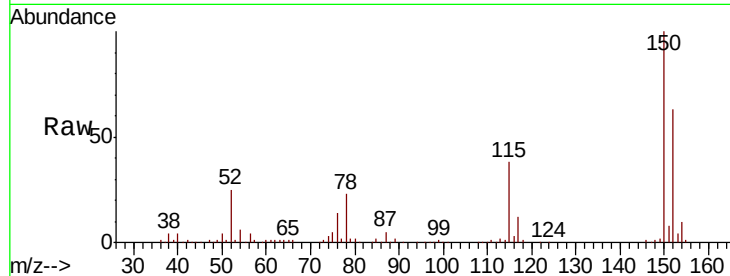
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.5	186.7
115	60.1	49.6	74.4

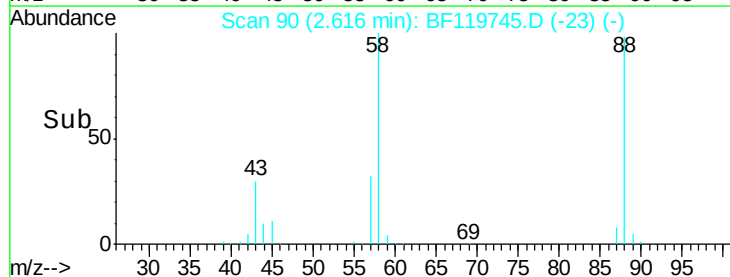
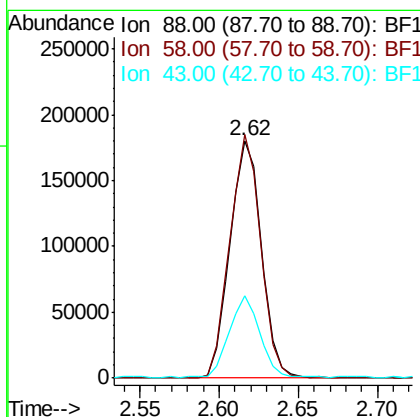
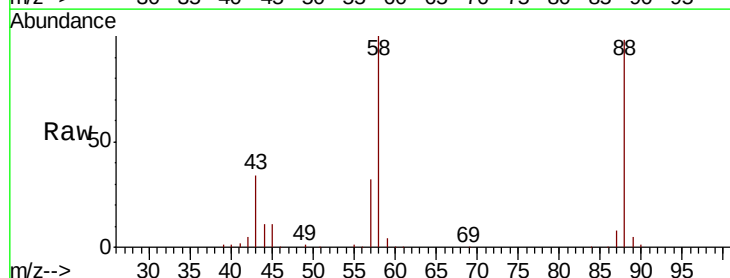
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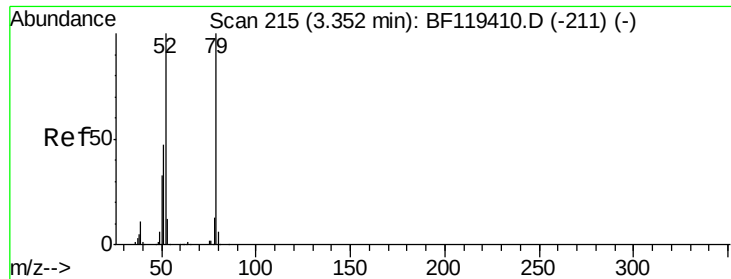
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#2
 1,4-Dioxane
 Concen: 43.238 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.09 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.9	80.6	121.0
43	33.3	27.5	41.3





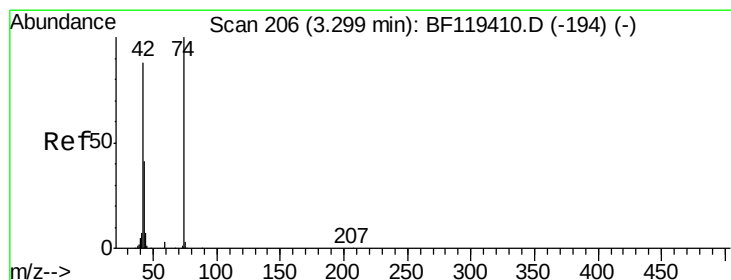
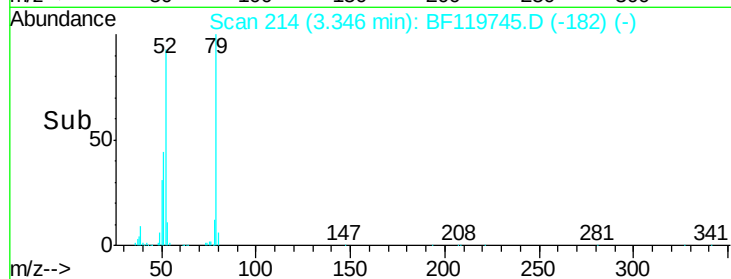
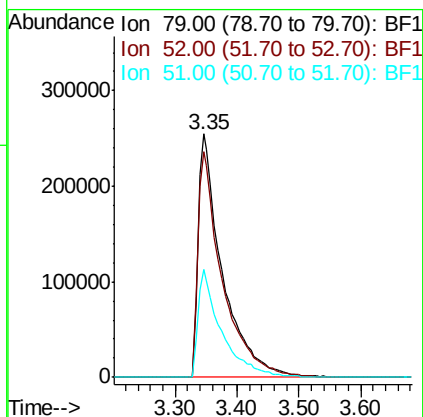
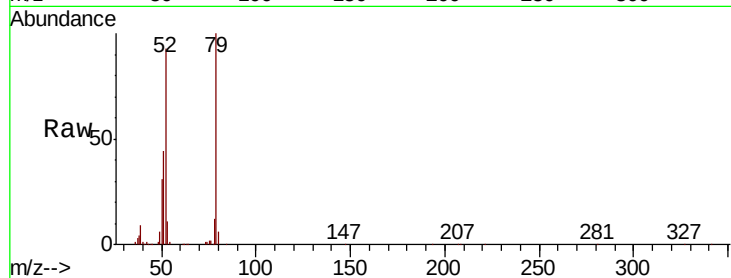
#3
 Pvridine
 Concen: 43.985 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	92.7	80.2	120.2
51	44.1	37.7	56.5

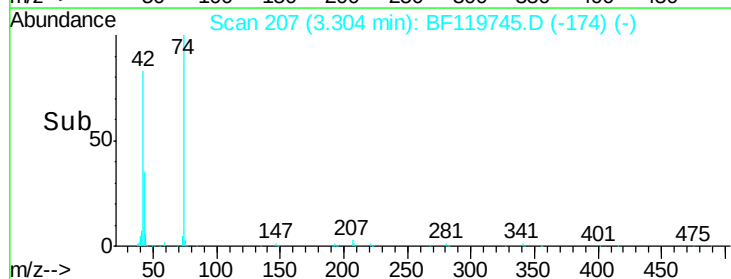
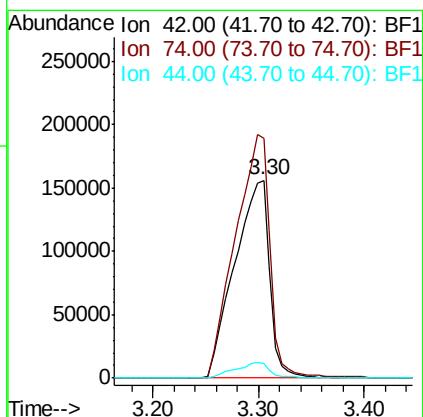
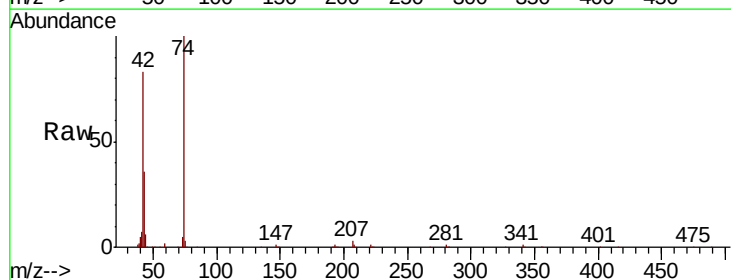
Manual Integrations
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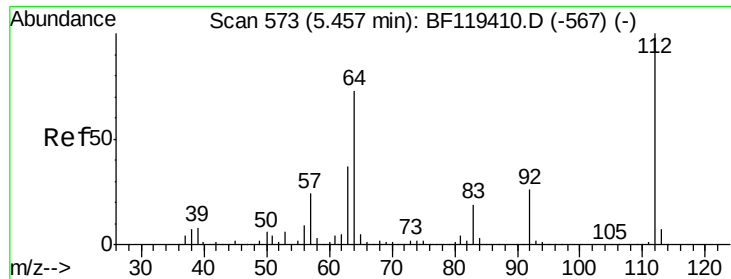
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#4
 n-Nitrosodimethylamine
 Concen: 46.878 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.8	91.5	137.3
44	7.5	6.2	9.4





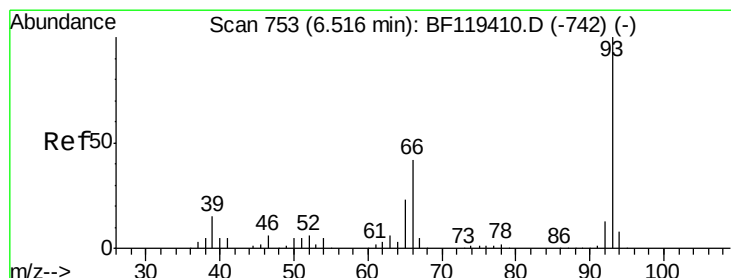
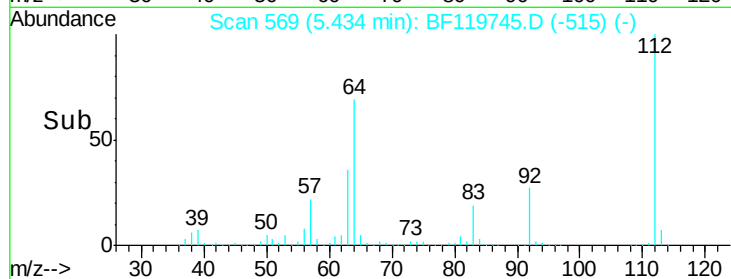
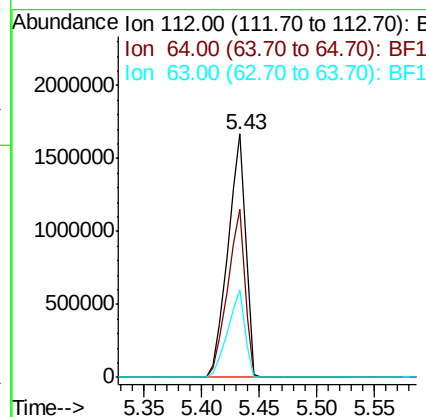
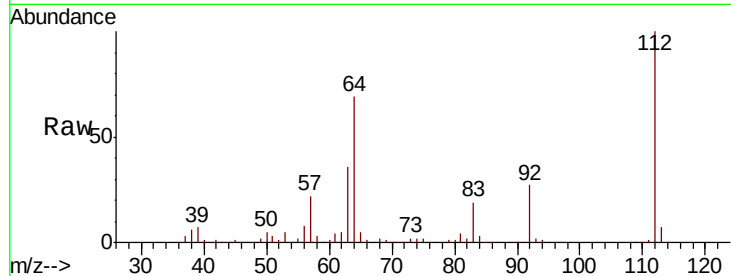
#5
2-Fluorophenol
Concen: 153.087 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
64	68.9	56.7	85.1	
63	36.1	29.5	44.3	

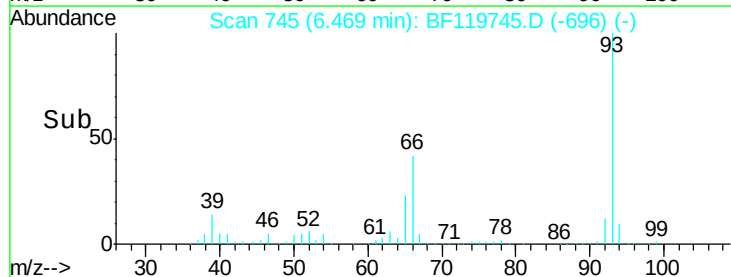
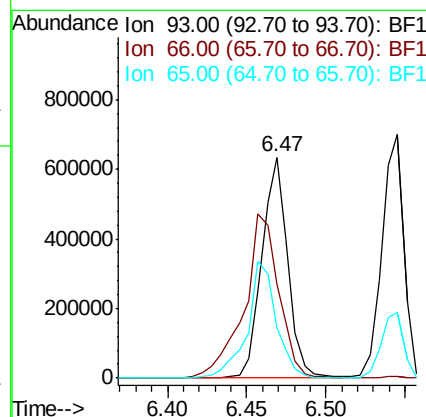
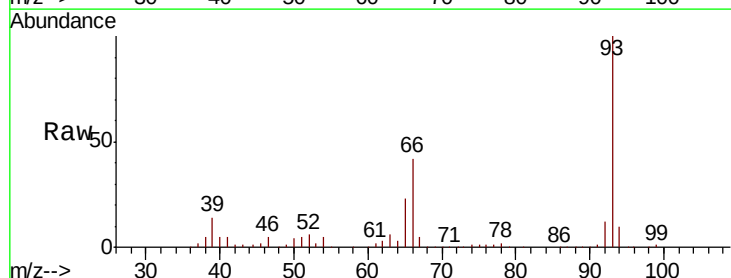
Manual Integrations
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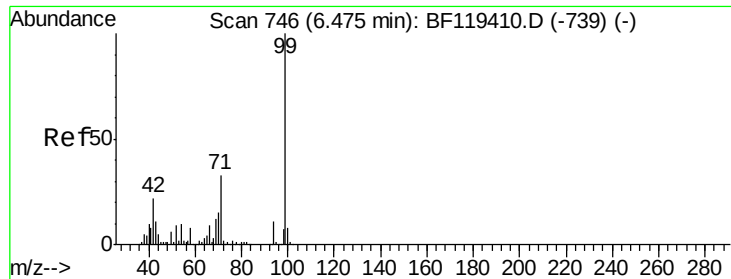
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#6
Aniline
Concen: 35.485 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
66	42.2	34.9	52.3	
65	22.5	18.6	27.8	





#7

Phenol-d6

Concen: 156.354 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion: 99 Resp: 2311155

Ion Ratio Lower Upper

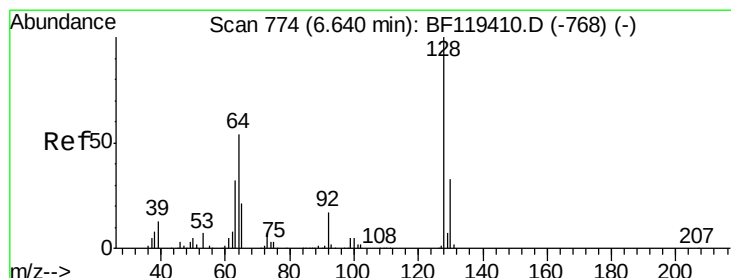
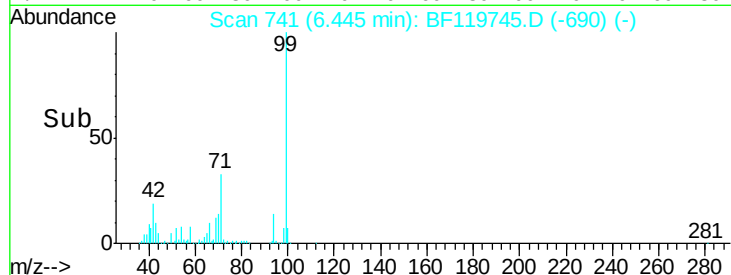
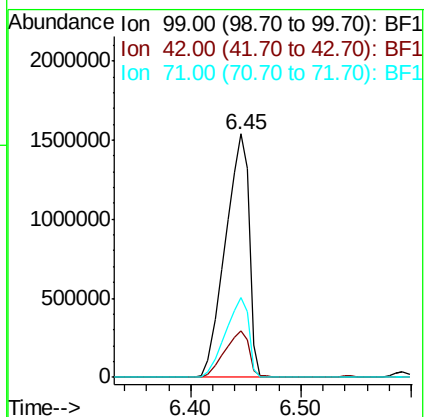
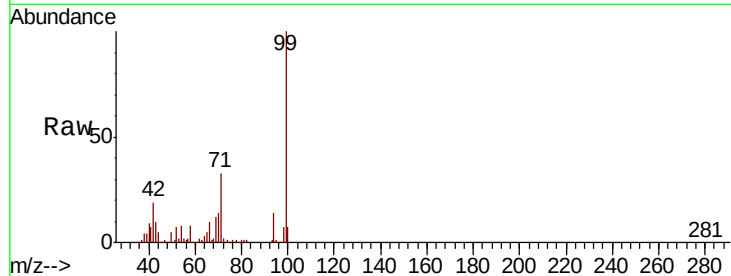
99 100

42 19.1 16.6 24.8

71 32.6 26.4 39.6

Manual Integrations
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#8

2-Chlorophenol

Concen: 59.096 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

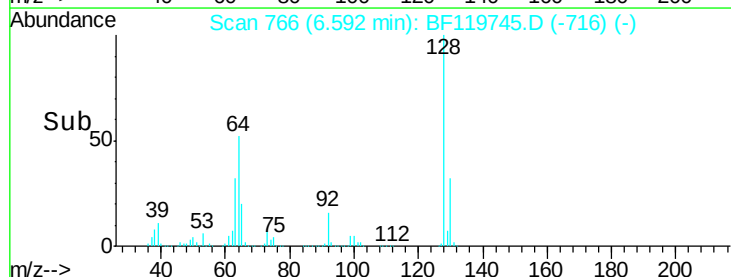
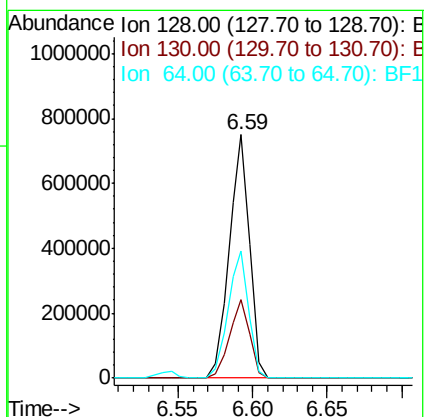
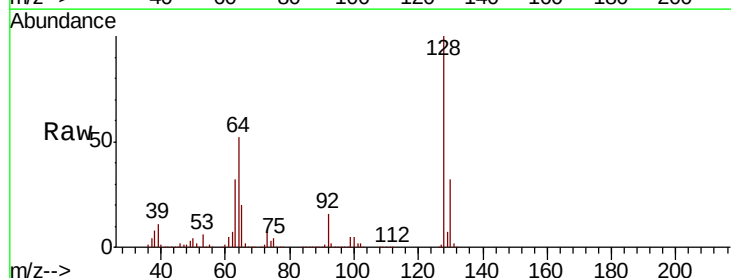
Tgt Ion: 128 Resp: 718208

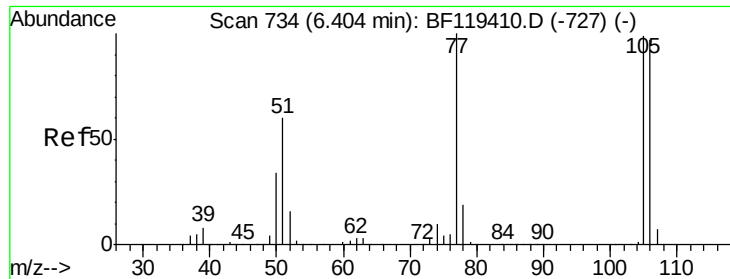
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 52.4 35.3 75.3





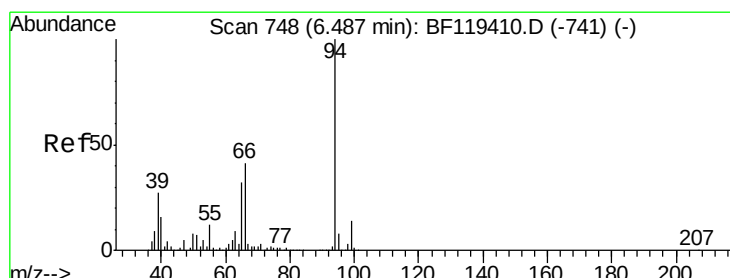
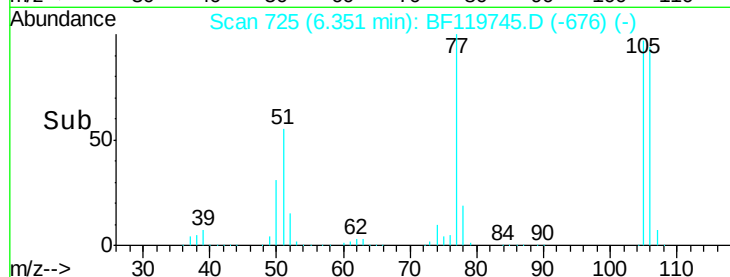
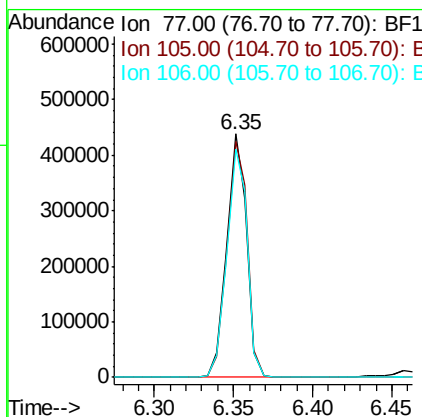
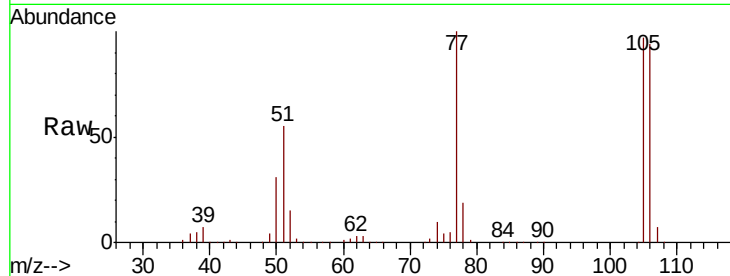
#9
Benzaldehyde
Concen: 40.436 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:	77	Resp:	379166
Ion	Ratio	Lower	Upper
77	100		
105	96.9	80.9	120.9
106	93.9	77.9	117.9

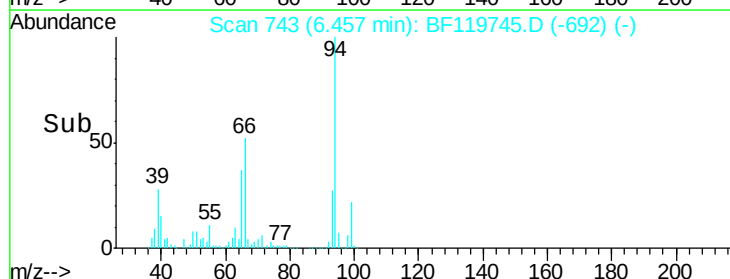
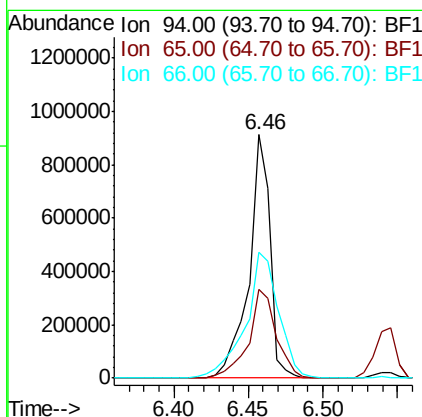
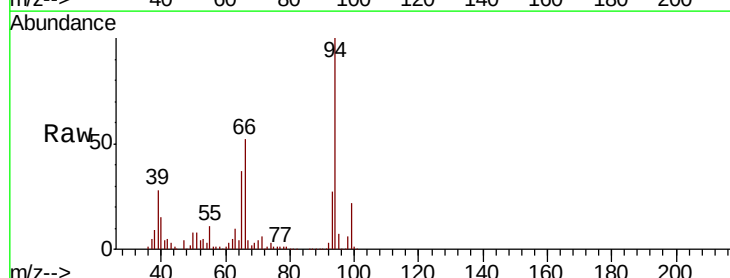
Manual Integrations
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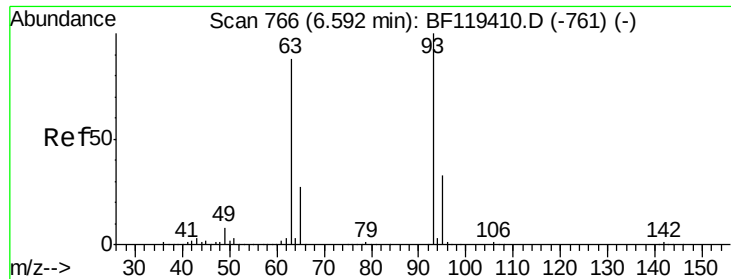
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#10
Phenol
Concen: 56.047 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:	94	Resp:	883990
Ion	Ratio	Lower	Upper
94	100		
65	36.6	13.2	53.2
66	51.6	22.3	62.3





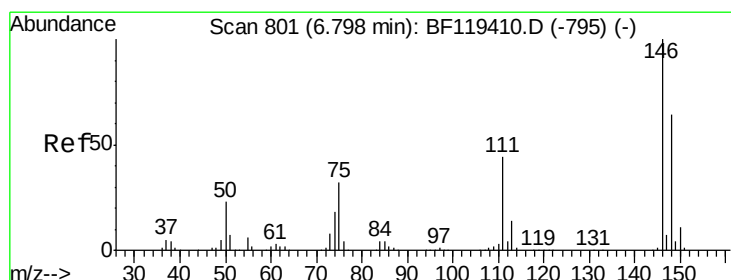
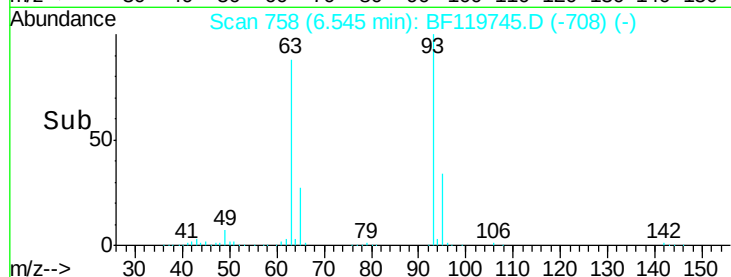
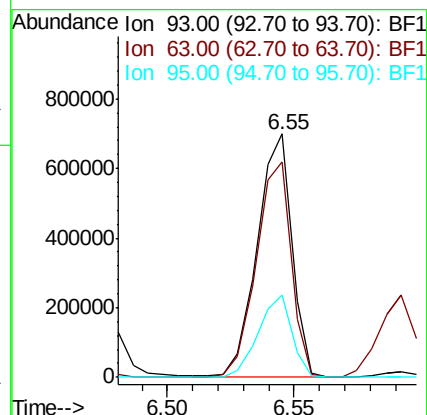
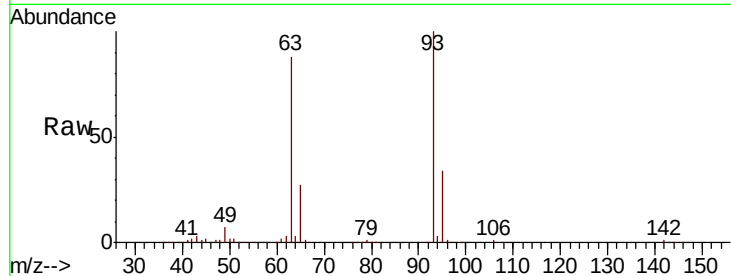
#11
bis(2-Chloroethyl)ether
Concen: 53.168 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.3	70.2	110.2
95	33.9	13.4	53.4

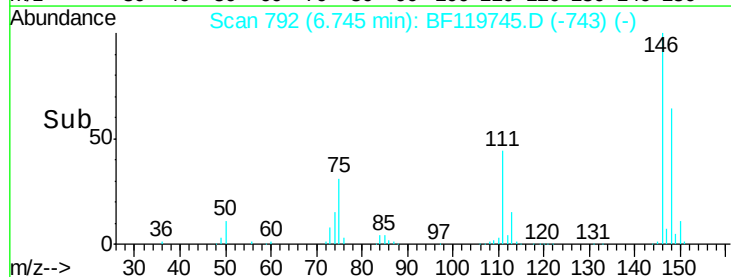
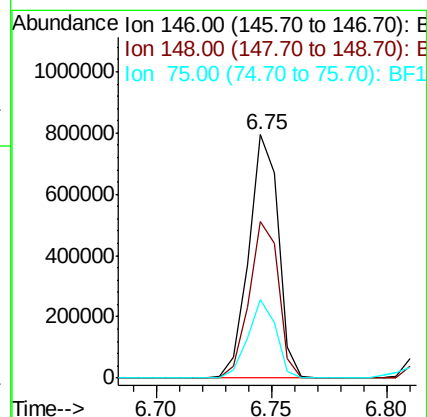
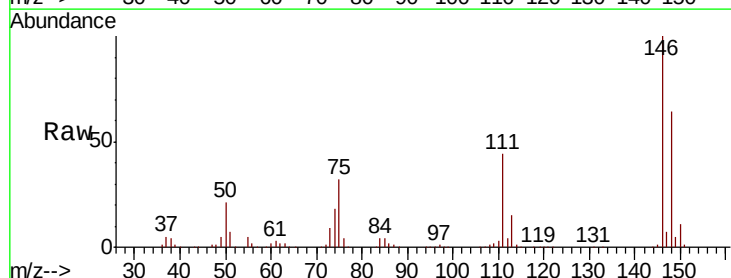
Manual Integrations
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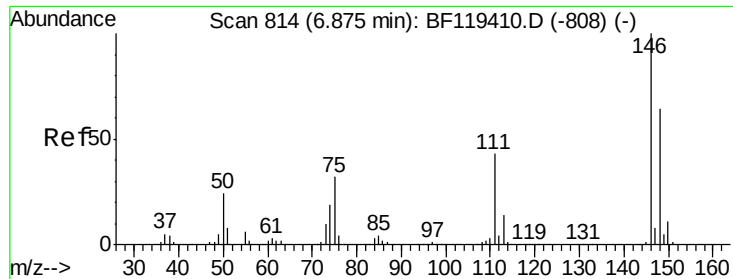
mohammad
4/6/2020 1:39:08 PM



#12
1,3-Dichlorobenzene
Concen: 53.976 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.4
75	32.1	23.0	34.4





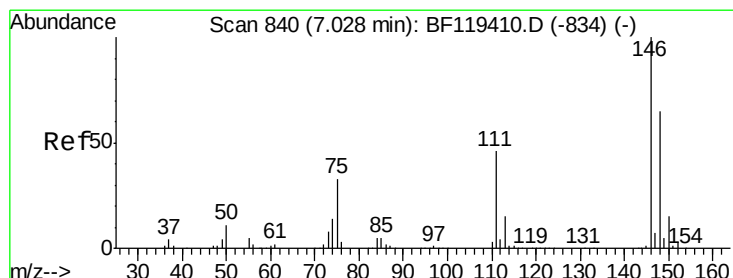
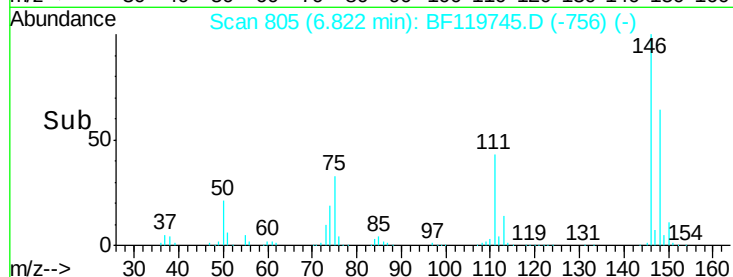
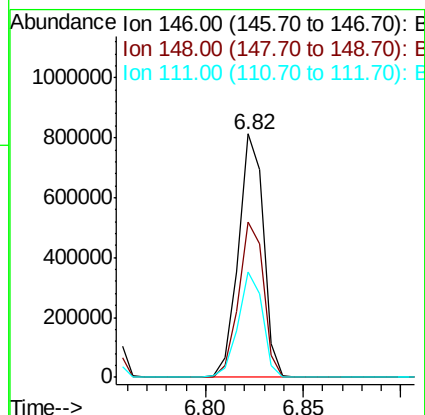
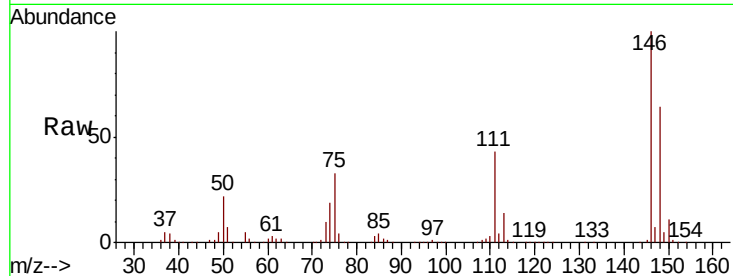
#13
 1,4-Dichlorobenzene
 Concen: 54.857 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.5	77.3
111	43.5	33.3	49.9

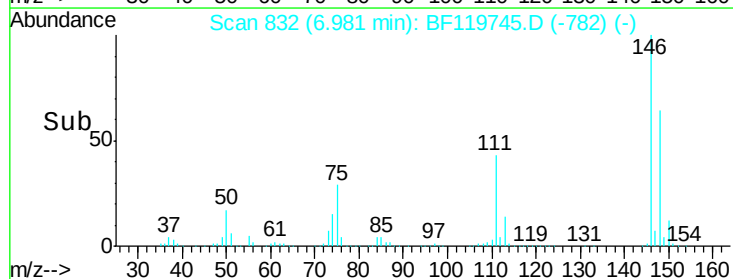
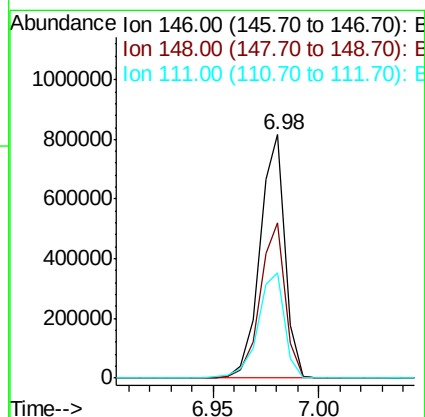
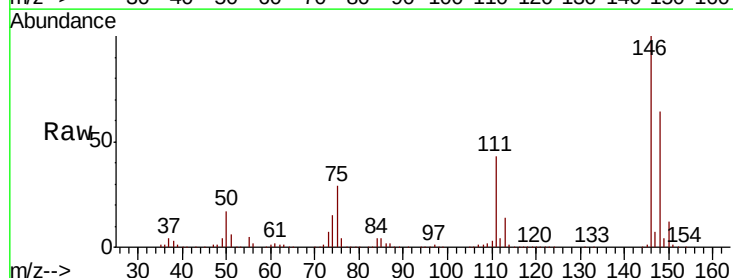
Manual Integrations
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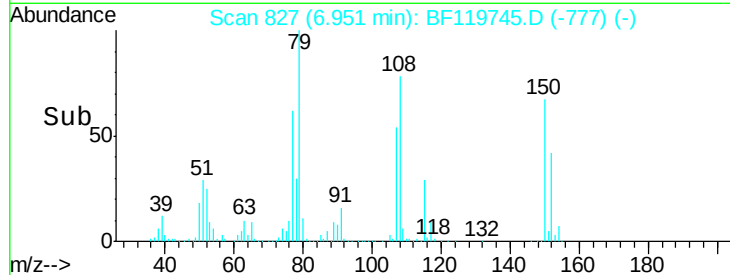
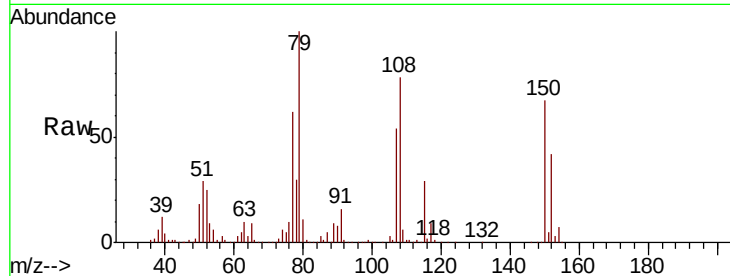
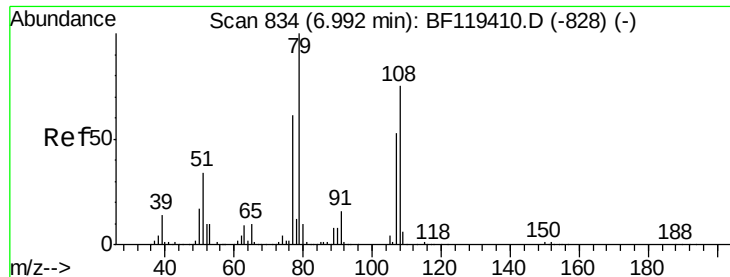
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 54.529 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.4	36.1	54.1





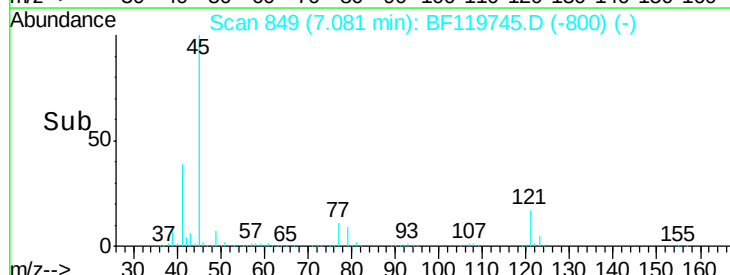
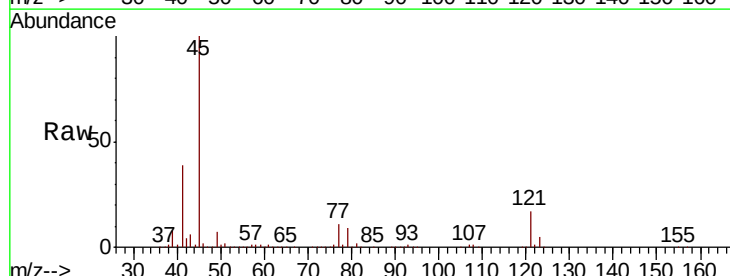
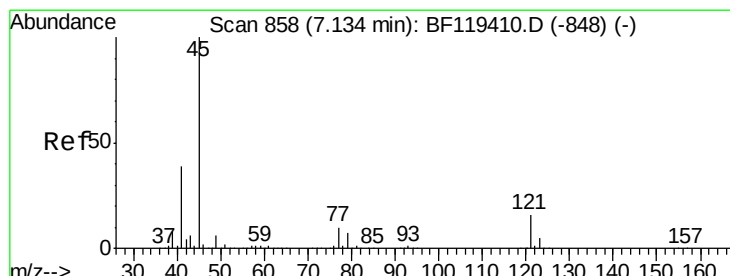
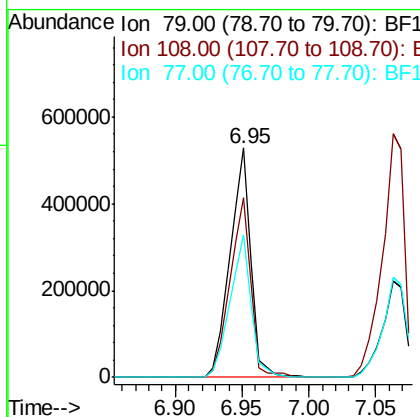
#15
Benzyl Alcohol
Concen: 52.331 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.2	60.6	90.8
77	62.0	50.2	75.2

Instrument :
BNA_F
ClientSampled :
TP-2MS

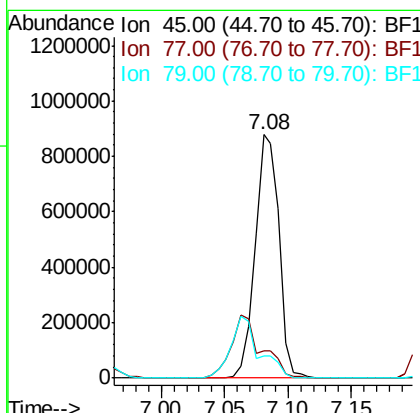
Manual Integrations
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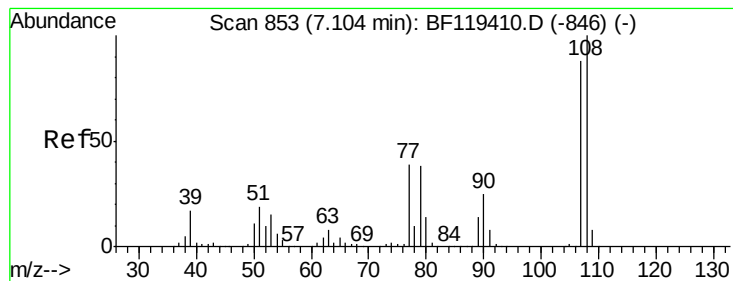
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.373 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	30.7
79	8.9	0.0	28.2





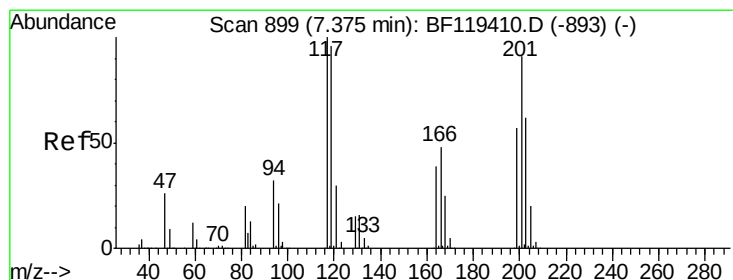
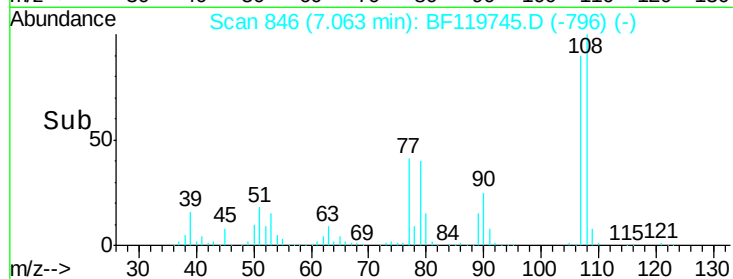
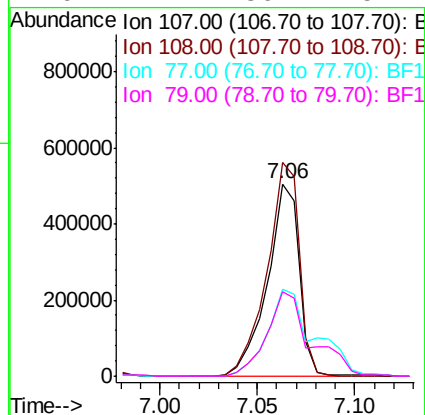
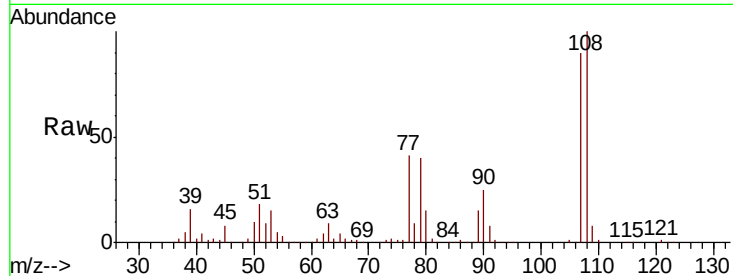
#17
2-Methylphenol
Concen: 50.946 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	92.2	138.4
77	45.5	36.6	54.8
79	44.2	36.2	54.4

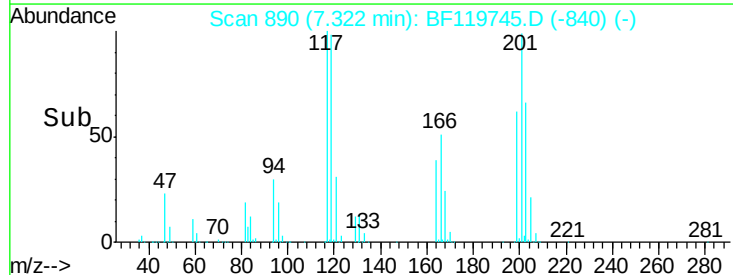
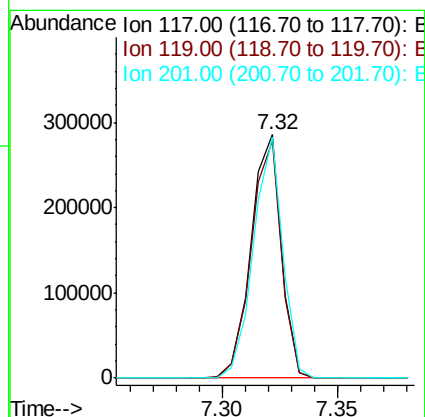
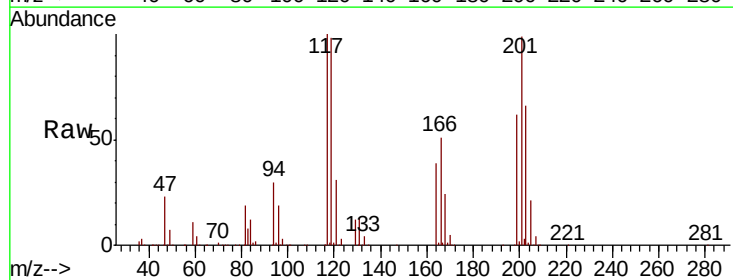
Manual Integrations
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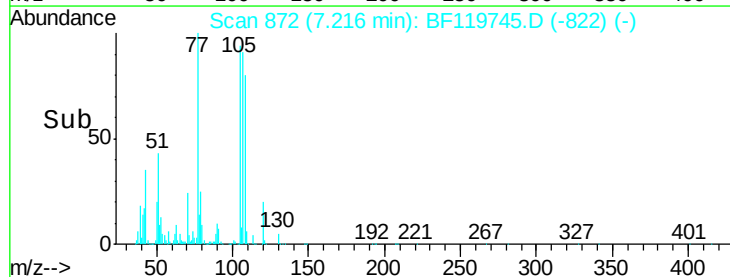
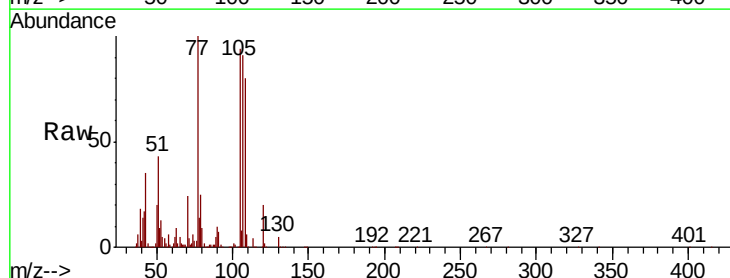
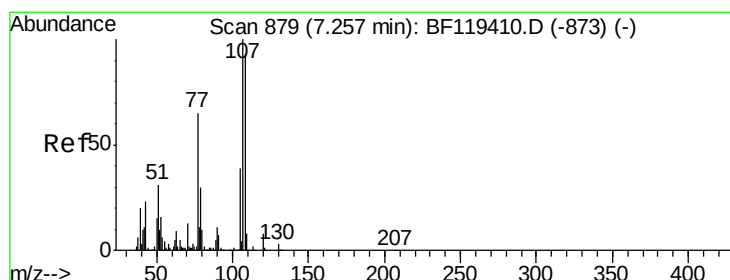
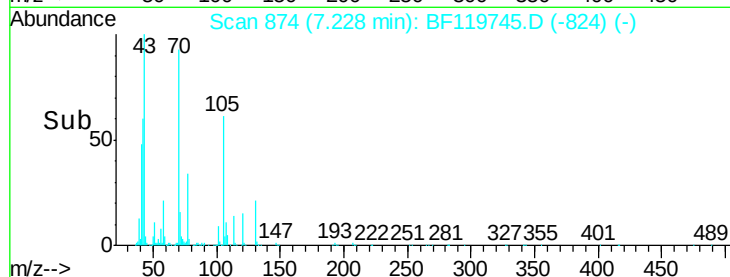
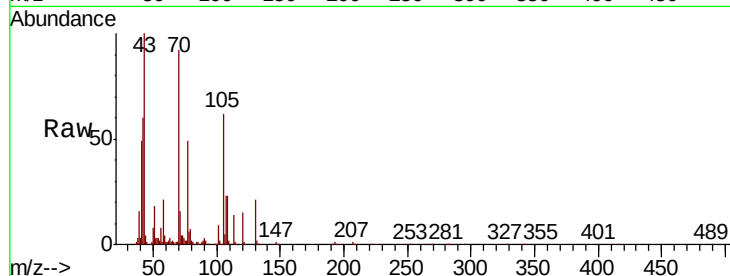
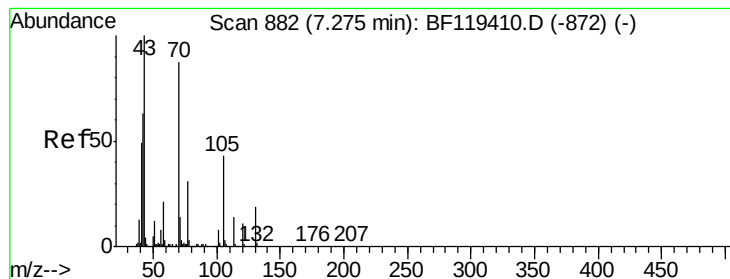
mohammad
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#18
Hexachloroethane
Concen: 54.526 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
201	99.0	73.0	109.6





#19

n-Nitroso-di-n-propylamine

Concen: 52.621 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tot Ion: 70 Resp: 468836

Ion Ratio Lower Upper

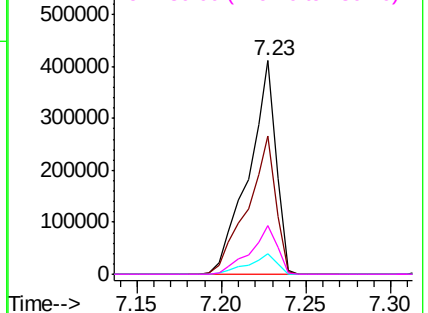
70 100

42 64.8 54.5 81.7

101 9.7 7.6 11.4

130 22.9 17.6 26.4

Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



Instrument :

BNA_F

ClientSampleId :

TP-2MS

Manual Integrations

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#20

3+4-Methylphenols

Concen: 49.682 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion: 107 Resp: 677983

Ion Ratio Lower Upper

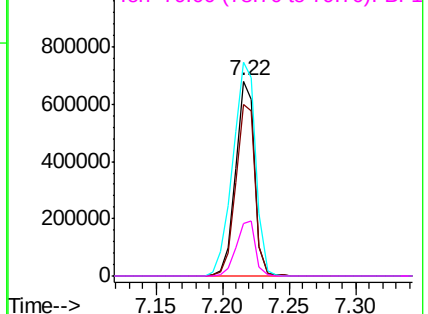
107 100

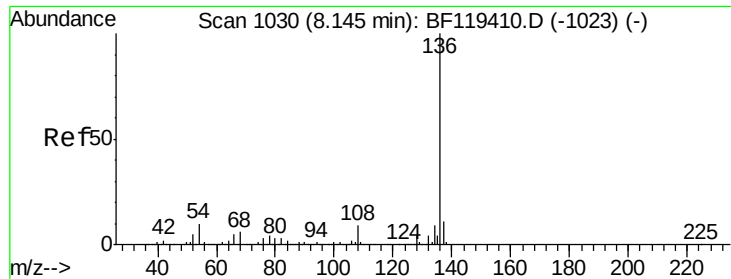
108 88.1 67.9 107.9

77 109.5 52.9 92.9#

79 27.1 7.7 47.7

Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





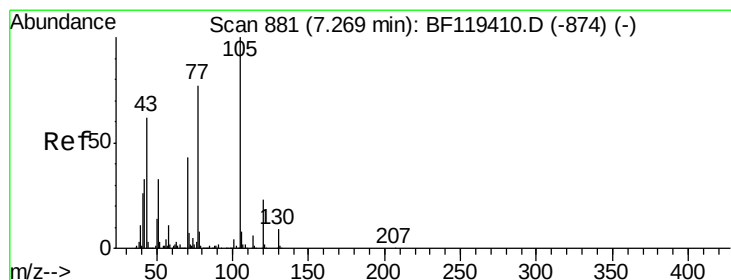
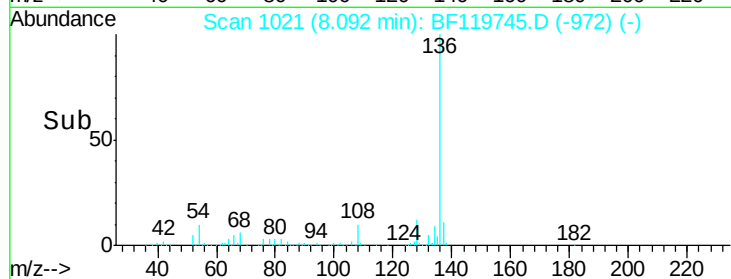
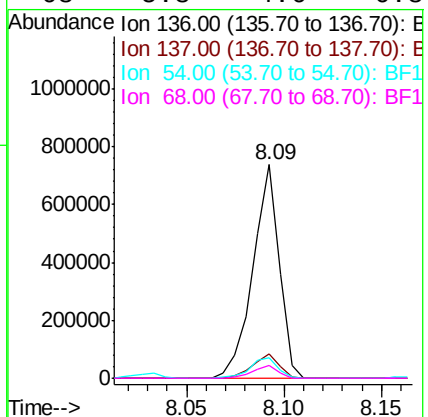
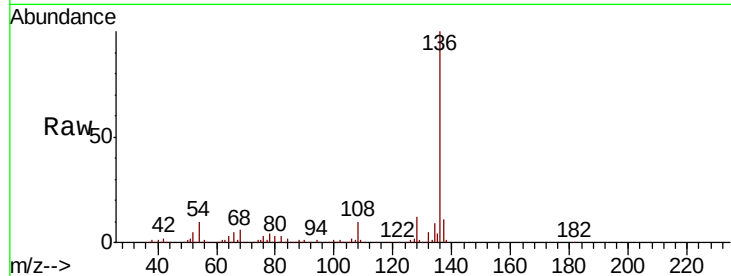
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	690008		
137	11.2	8.7	13.1	
54	9.8	9.1	13.7	
68	5.8	4.6	6.8	

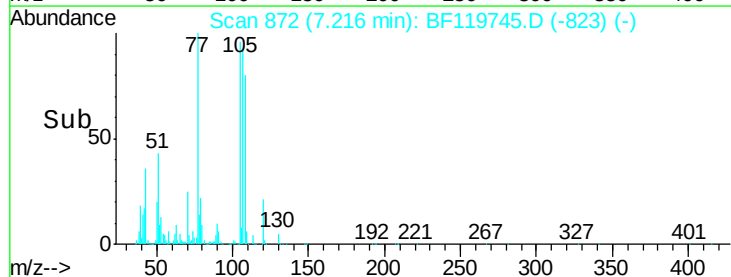
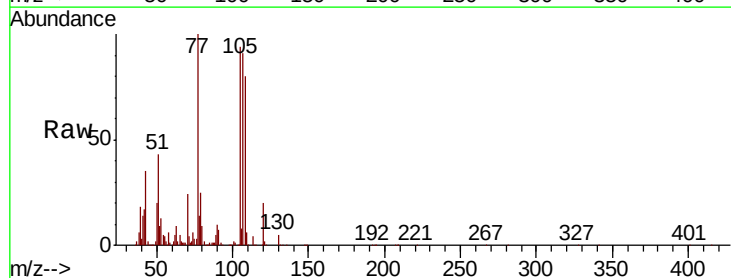
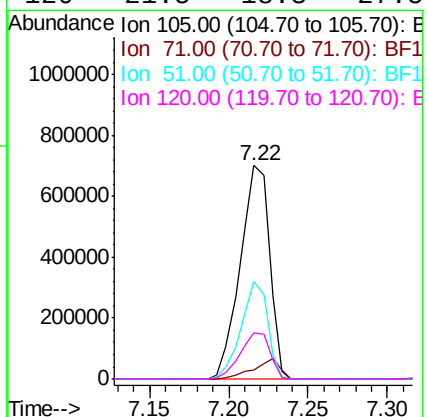
Manual Integrations
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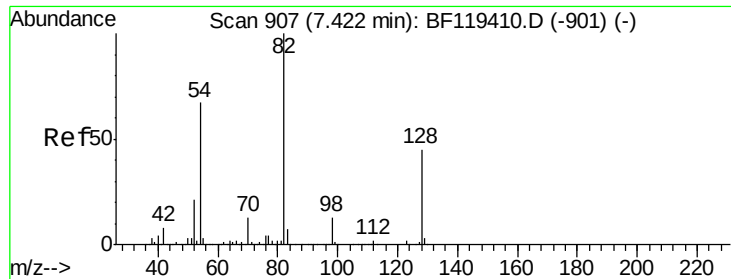
mohammad
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#22
Acetophenone
Concen: 54.607 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	900328		
71	4.2	5.7	8.5#	
51	45.6	26.2	39.4#	
120	21.5	18.3	27.5	





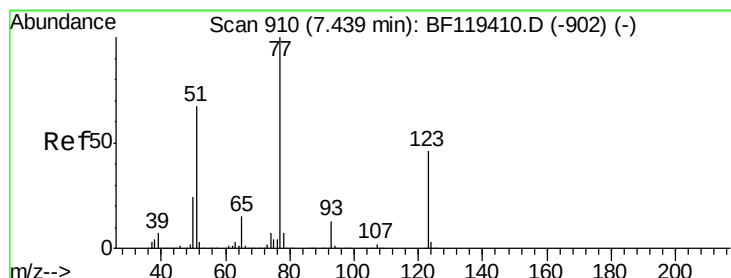
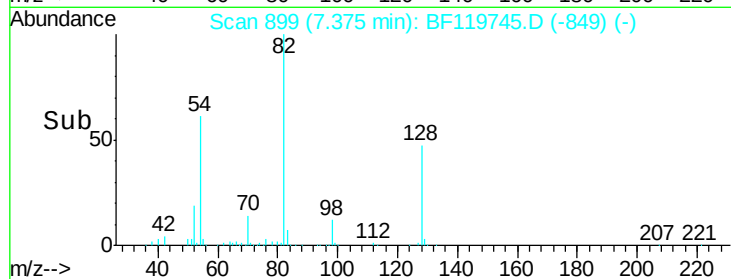
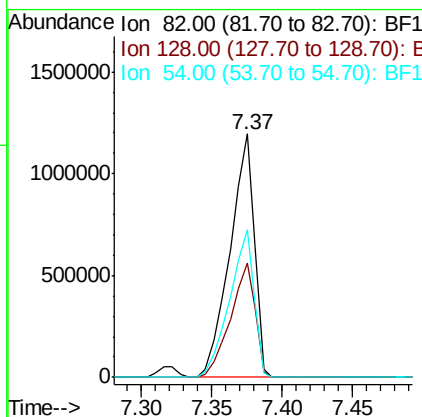
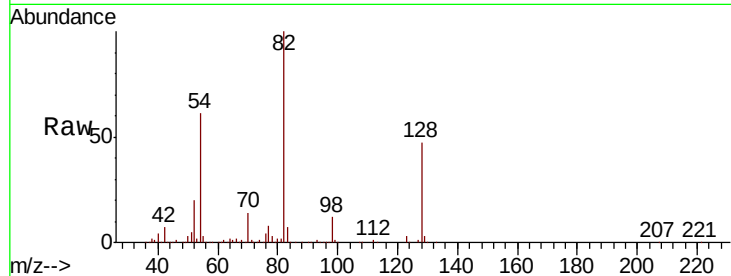
#23
 Nitrobenzene-d5
 Concen: 112.777 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion: 82 Resp: 1431837
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 60.8 50.6 75.8

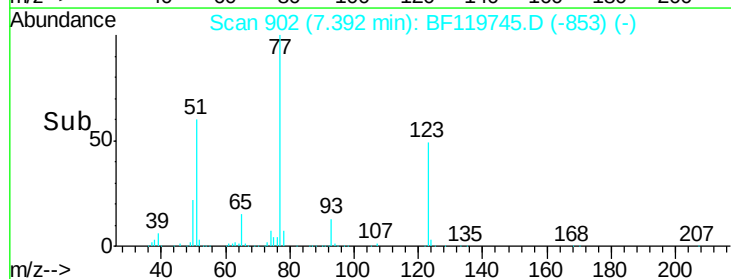
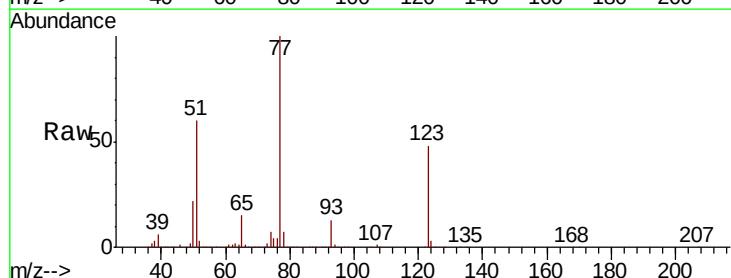
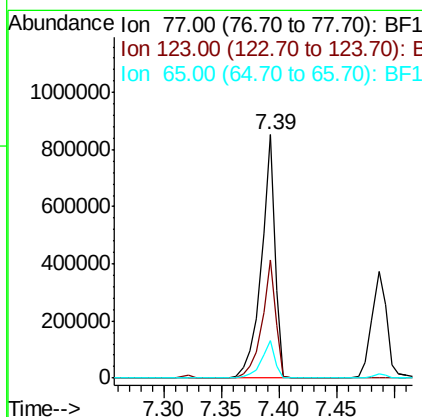
Manual Integrations
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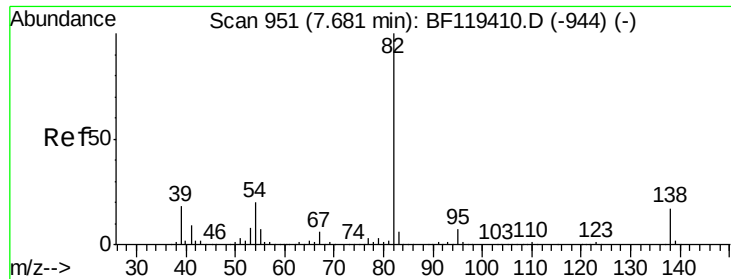
mohammad
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#24
 Nitrobenzene
 Concen: 52.718 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion: 77 Resp: 715296
 Ion Ratio Lower Upper
 77 100
 123 48.4 38.0 57.0
 65 15.4 12.6 18.8





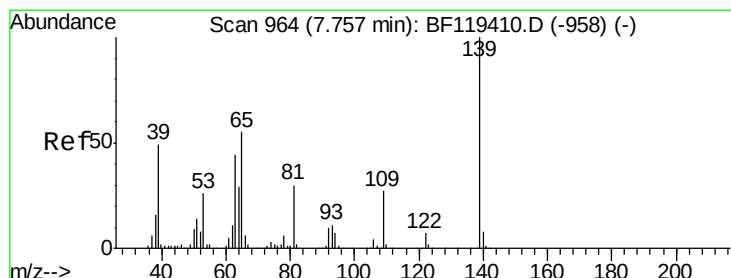
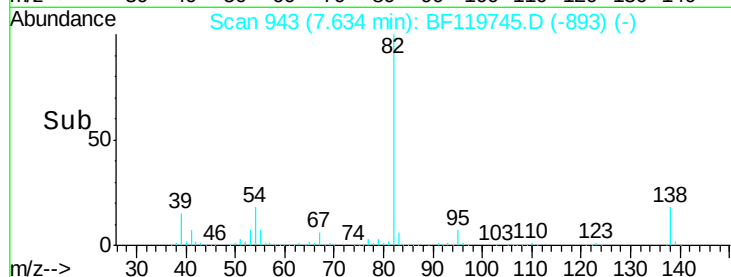
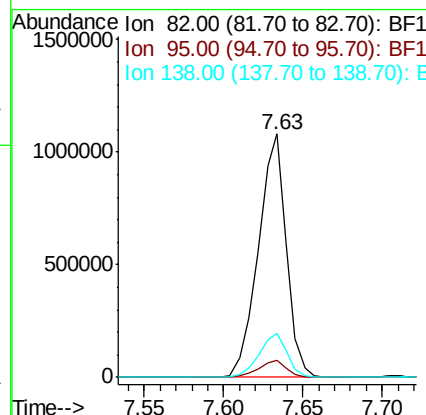
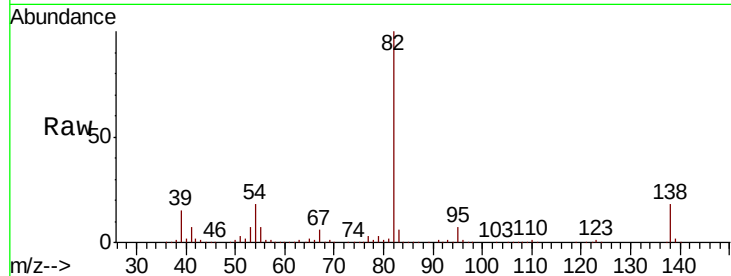
#25
Isophorone
Concen: 51.411 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.8	8.6
138	18.1	14.6	21.8

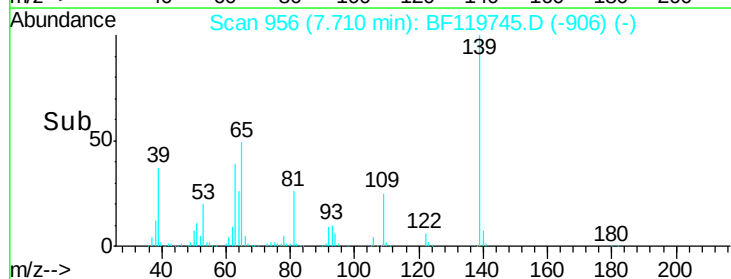
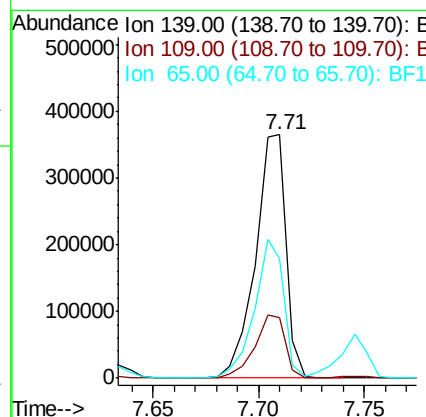
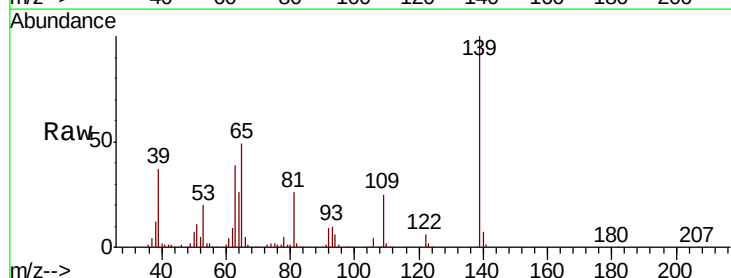
Manual Integrations
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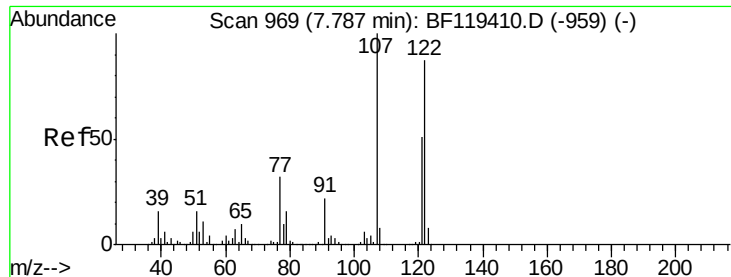
mohammad
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#26
2-Nitrophenol
Concen: 68.956 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.9	22.1	33.1
65	49.0	49.2	73.8





#27

2,4-Dimethylphenol

Concen: 52.754 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

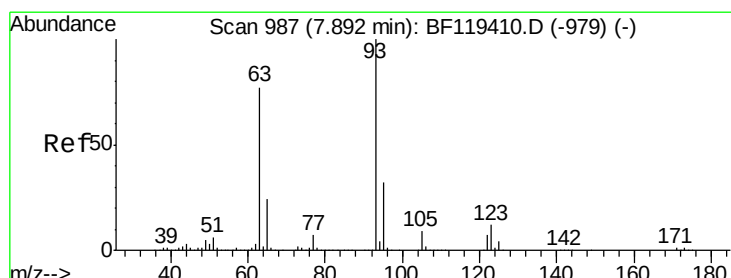
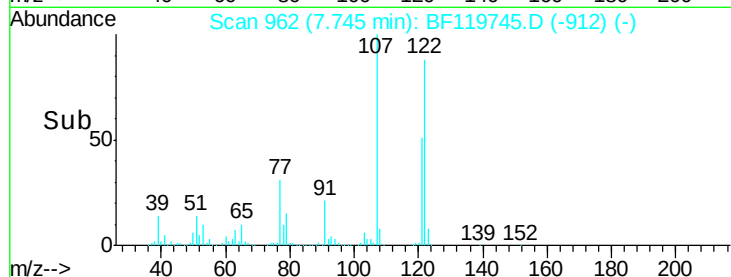
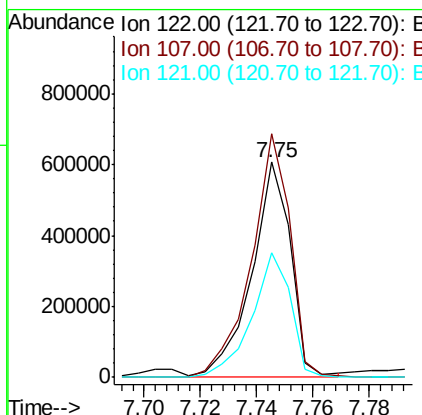
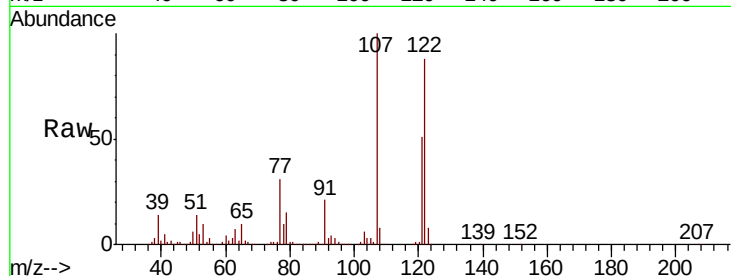
ClientSampleId :

TP-2MS

Tot Ion:	122	Resp:	582750
Ion Ratio	Lower	Upper	
122	100		
107	113.1	89.0	133.6
121	57.6	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 54.737 ng

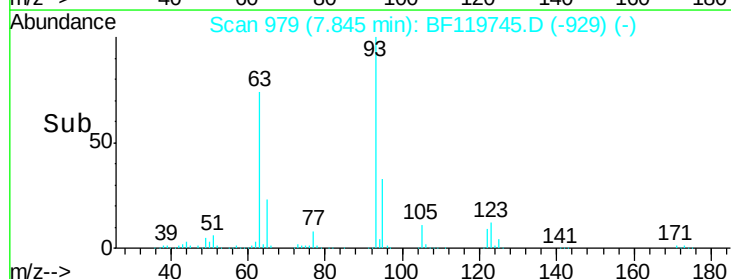
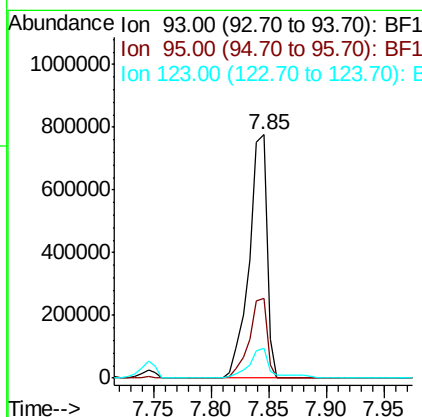
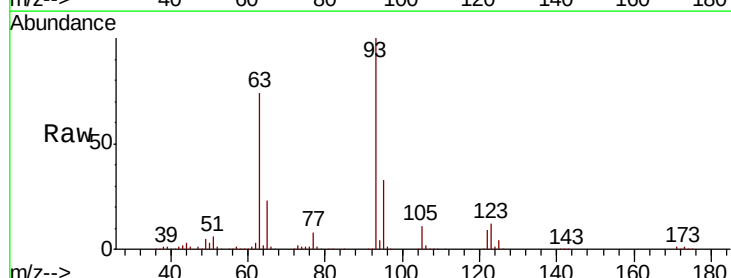
RT: 7.85 min Scan# 979

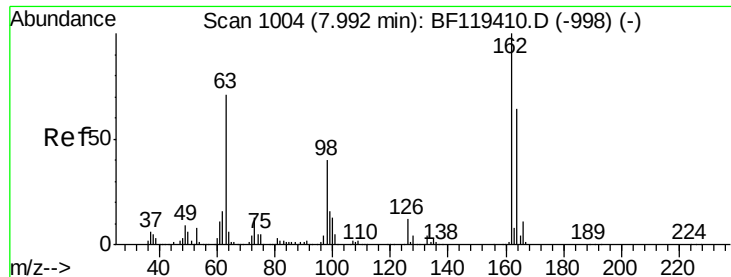
Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:	93	Resp:	833614
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.3	39.5
123	12.5	9.7	14.5





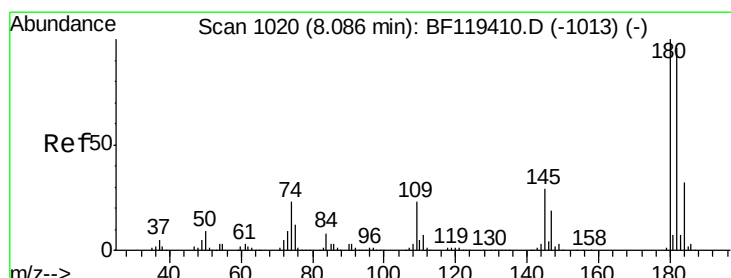
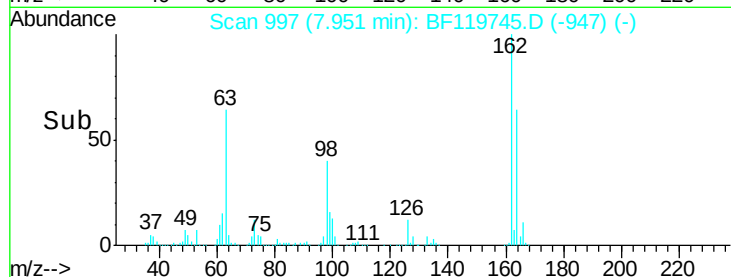
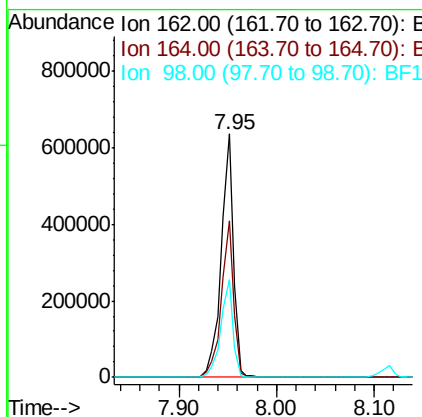
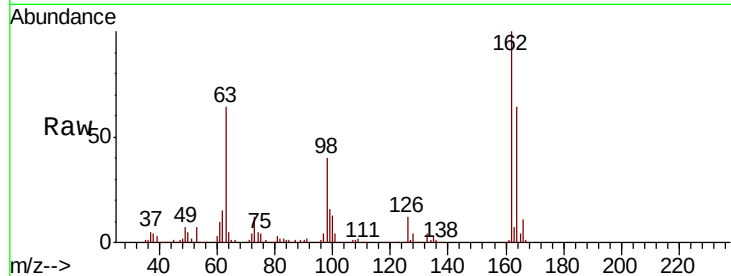
#29
2,4-Dichlorophenol
Concen: 54.937 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		557612		
164	64.2	44.7		84.7	
98	40.0	20.7		60.7	

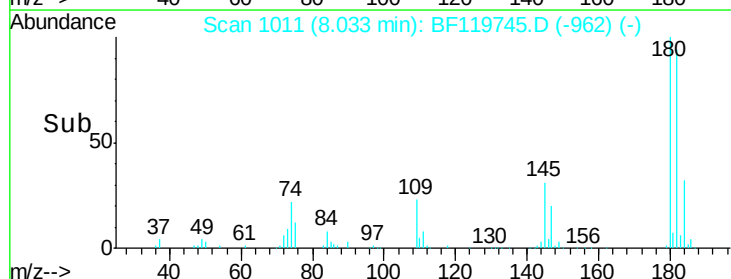
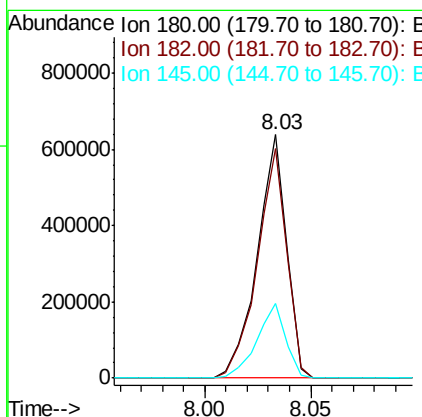
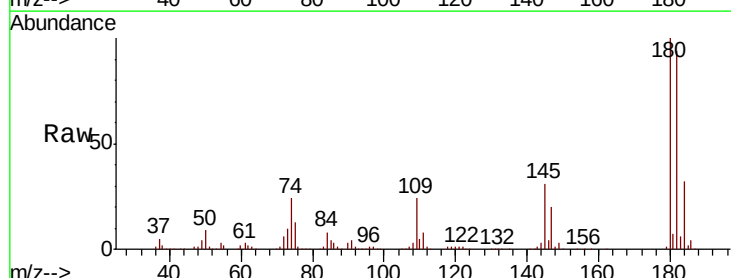
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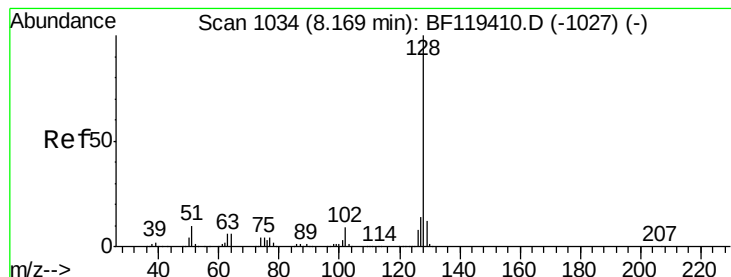
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#30
1,2,4-Trichlorobenzene
Concen: 54.652 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		613470		
182	94.5	74.7		112.1	
145	30.8	24.5		36.7	





#31

Naphthalene

Concen: 55.200 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:128 Resp: 1960066

Ion Ratio Lower Upper

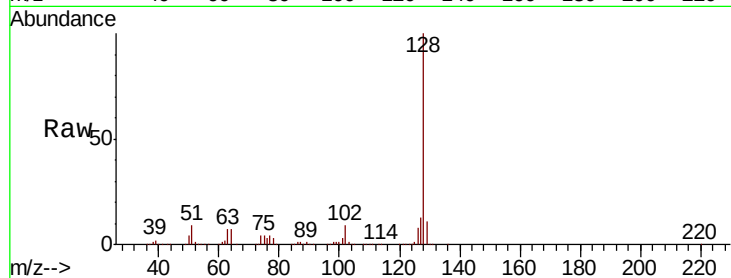
128 100

129 11.4 9.5 14.3

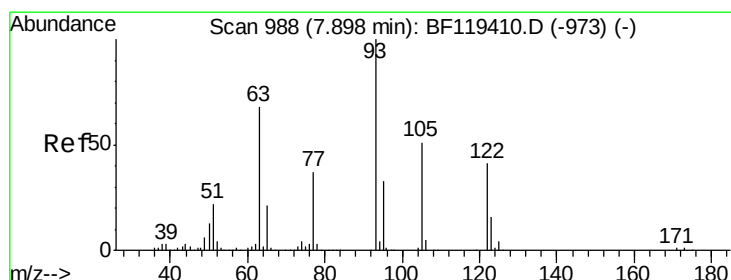
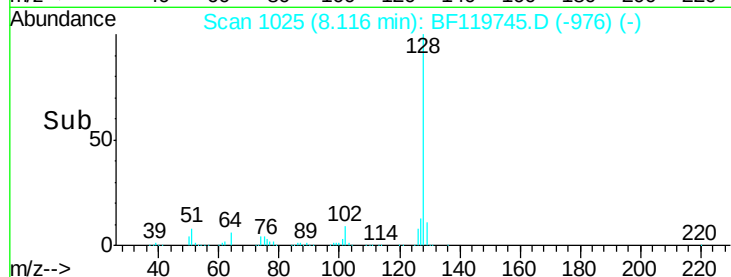
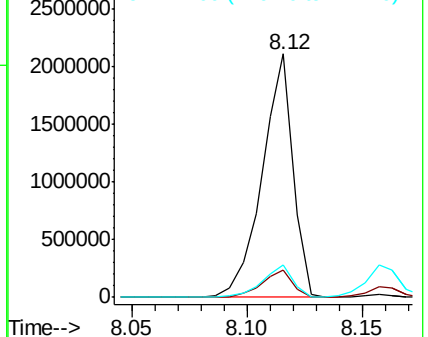
127 13.5 11.3 16.9

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



#32

Benzoic acid

Concen: 63.163 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

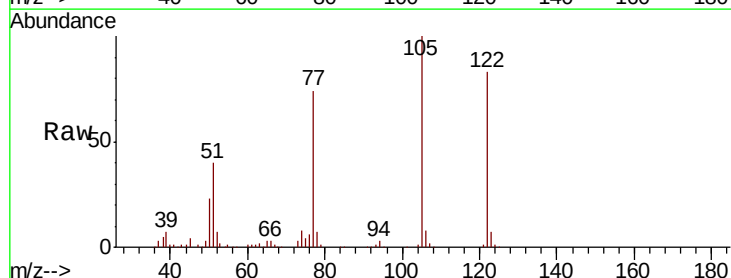
Tgt Ion:122 Resp: 448824

Ion Ratio Lower Upper

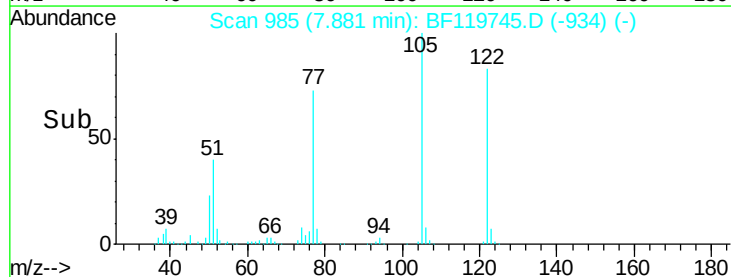
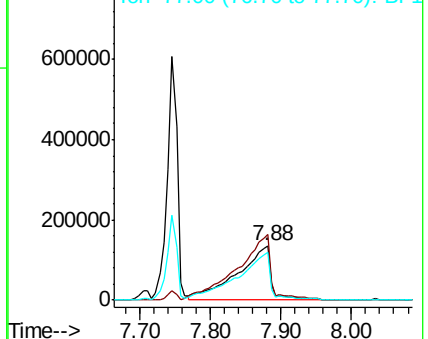
122 100

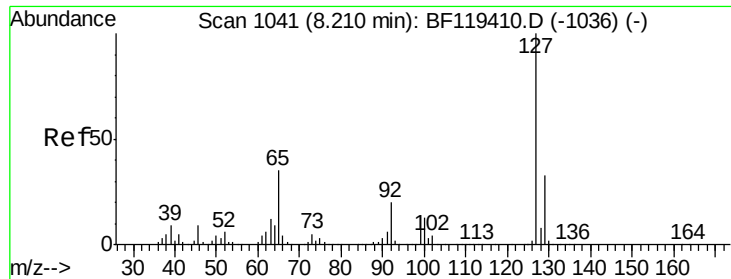
105 120.1 104.9 144.9

77 88.4 74.4 114.4



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





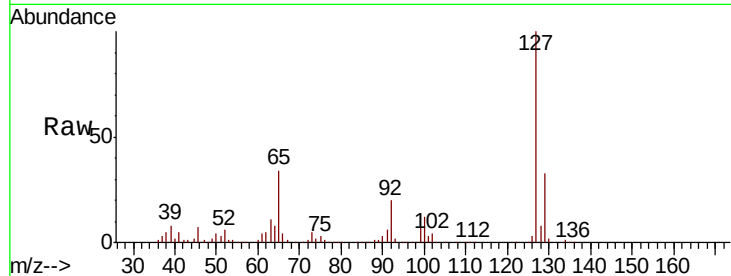
#33
4-Chloroaniline
Concen: 18.330 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		298239		
129	32.6	26.2	39.4		
65	33.7	27.4	41.0		
92	19.9	15.3	22.9		

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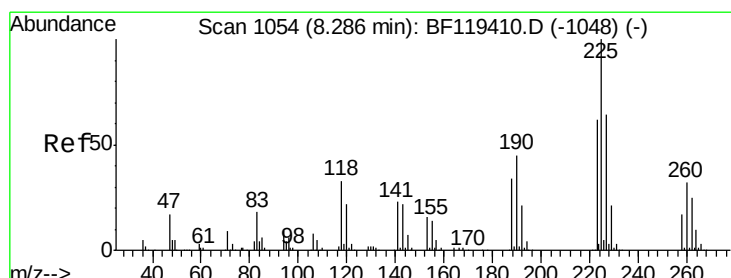
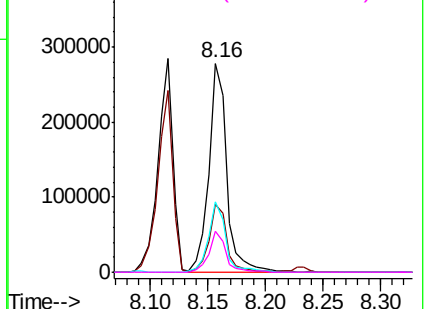
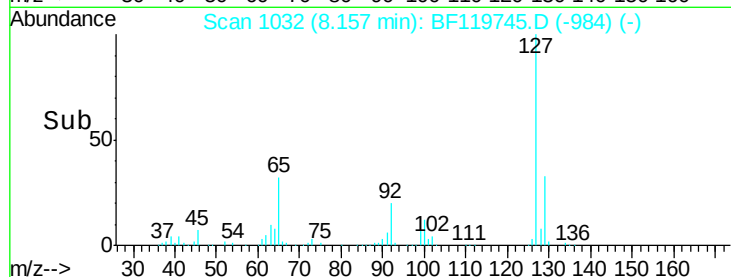
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

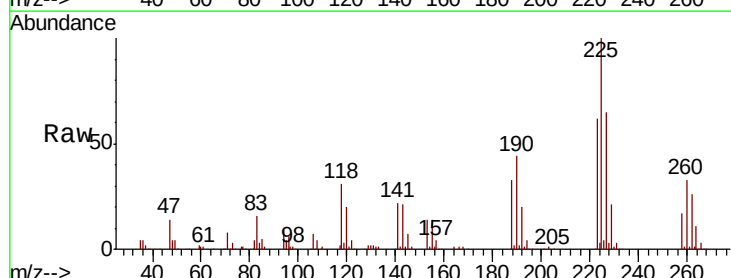
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 54.762 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		343930		
223	61.6	51.0	76.6		
227	65.2	50.7	76.1		

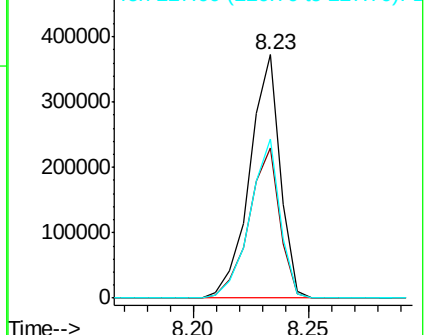
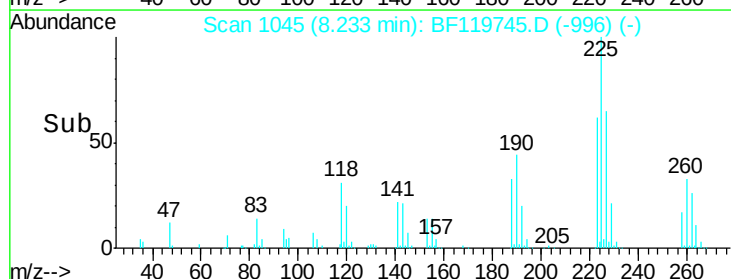


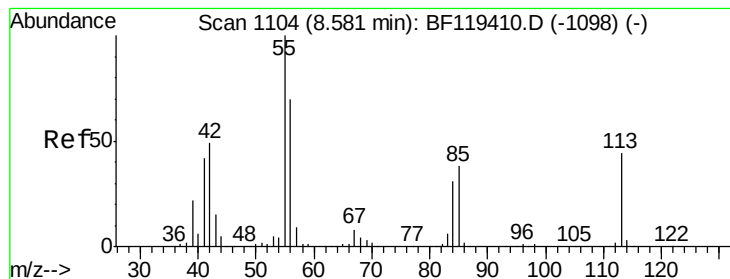
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 55.040 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampled :

TP-2MS

Tot Ion: 113 Resp: 182836

Ion Ratio Lower Upper

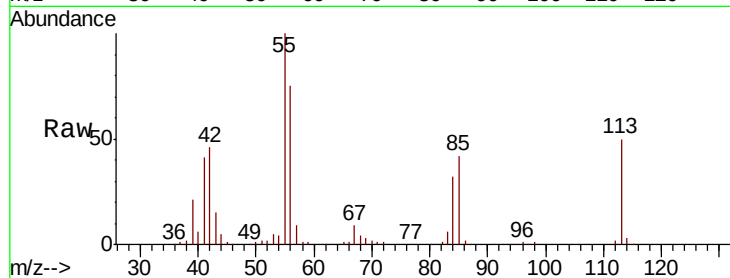
113 100

55 201.6 218.4 258.4#

56 150.3 148.9 188.9

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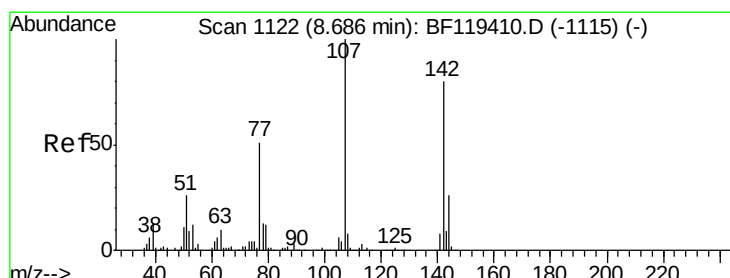
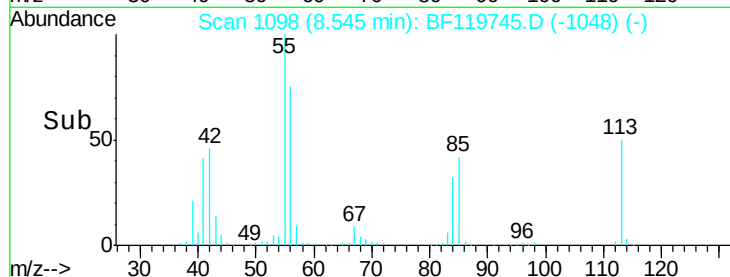
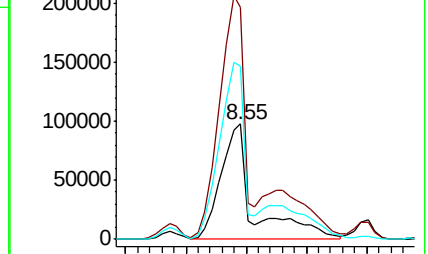
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 53.929 ng/mL

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

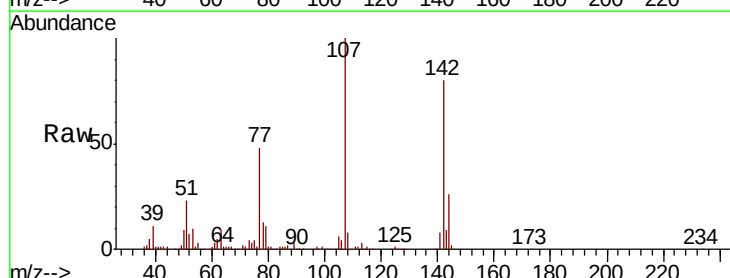
Tgt Ion: 107 Resp: 598262

Ion Ratio Lower Upper

107 100

144 25.9 21.0 31.6

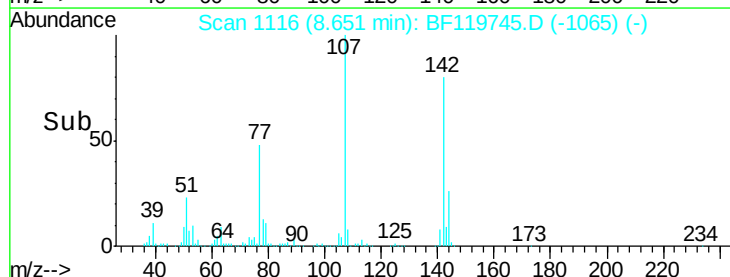
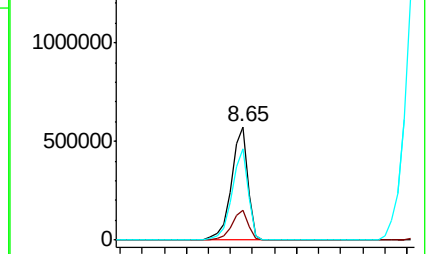
142 80.1 64.4 96.6

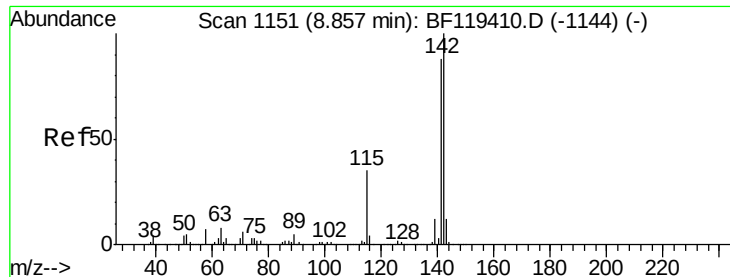


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





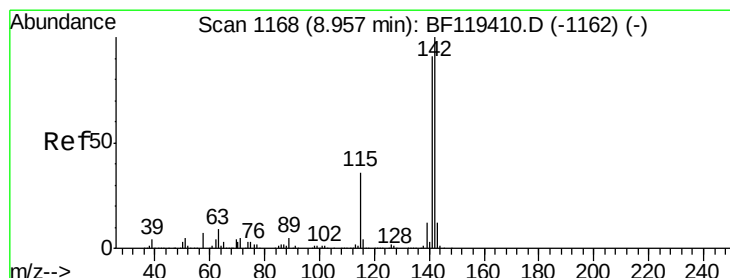
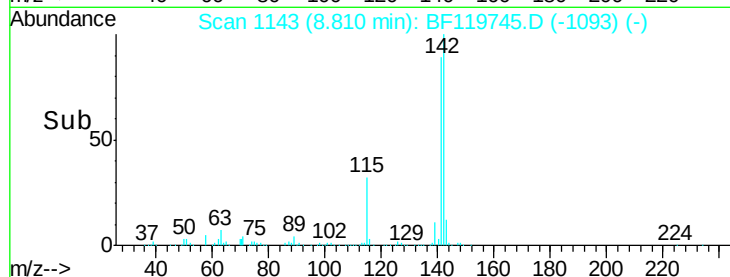
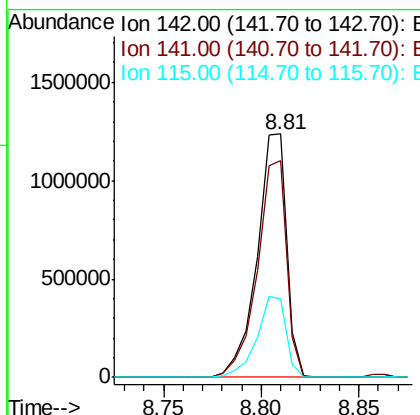
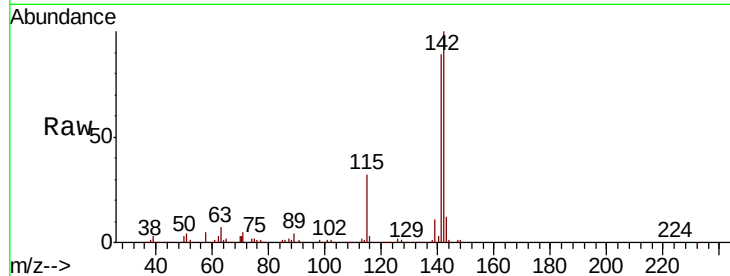
#37
 2-Methylnaphthalene
 Concen: 55.873 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.7	107.5
115	32.5	27.9	41.9

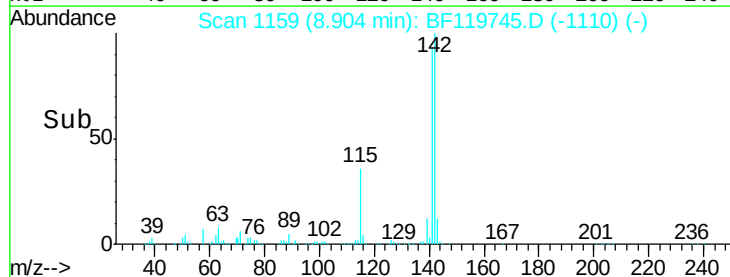
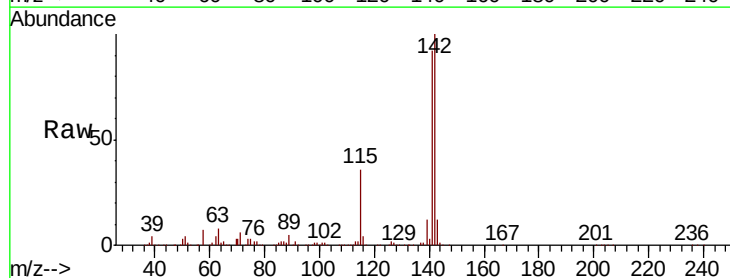
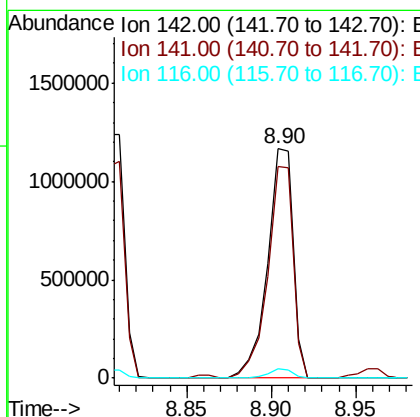
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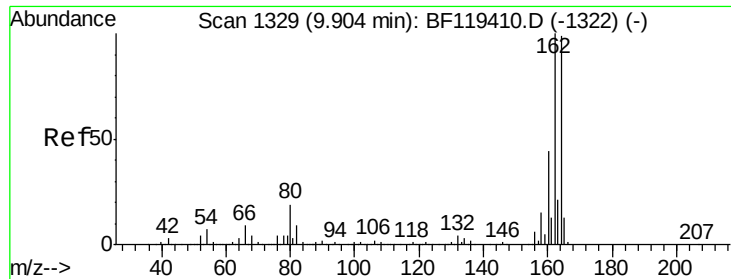
mohammad
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#38
 1-Methylnaphthalene
 Concen: 55.163 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	3.8	3.0	4.6





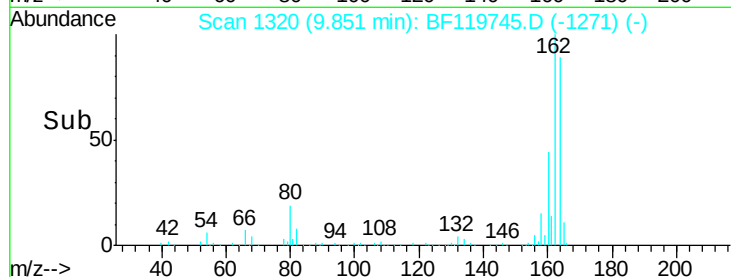
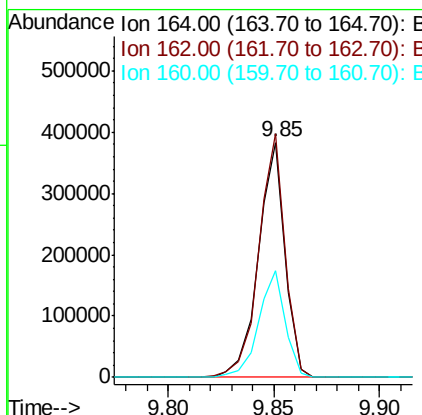
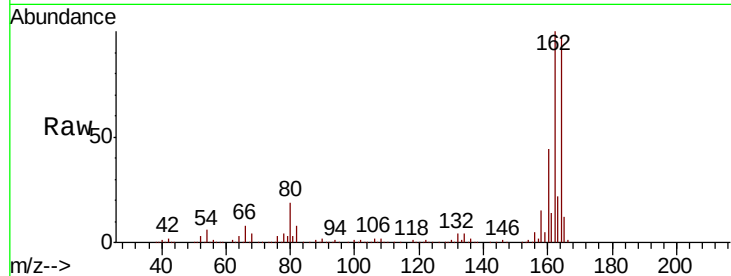
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleID :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.6	121.0
160	45.2	35.7	53.5

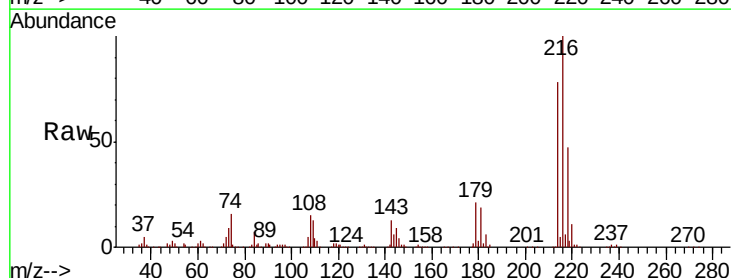
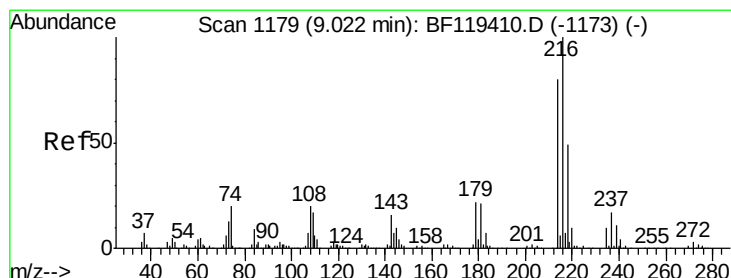
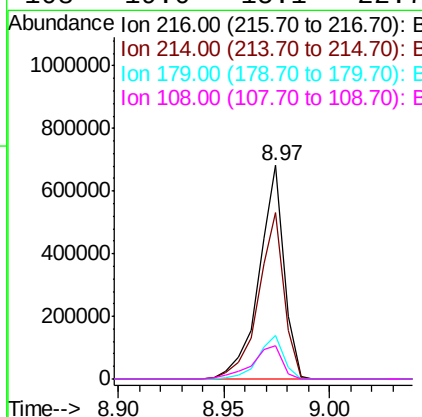
Manual Integrations
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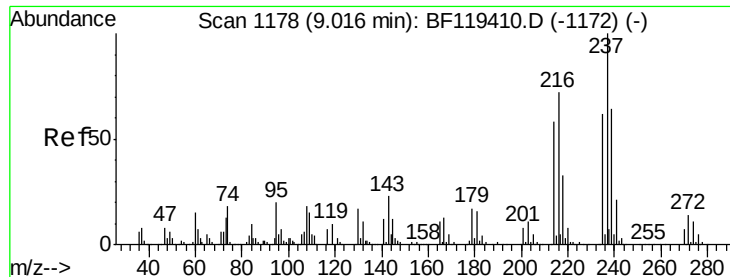
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.163 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.2	94.8
179	21.0	17.1	25.7
108	19.0	15.1	22.7





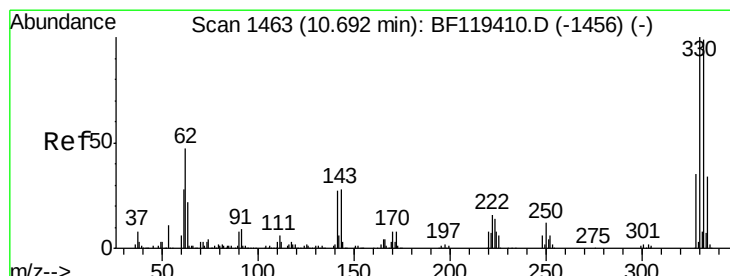
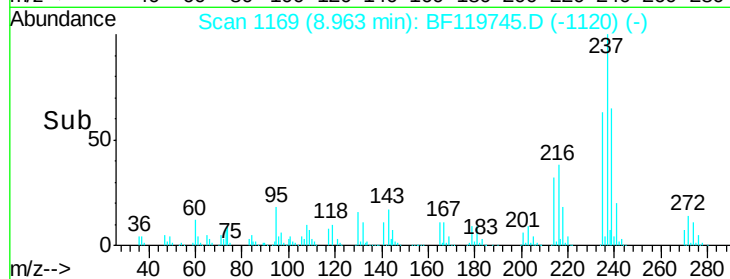
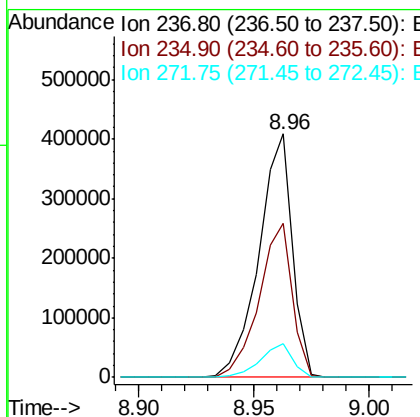
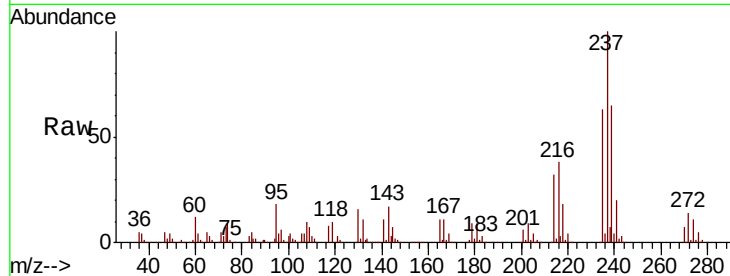
#41
Hexachlorocyclopentadiene
Concen: 73.471 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.2	83.2
272	14.1	0.0	34.1

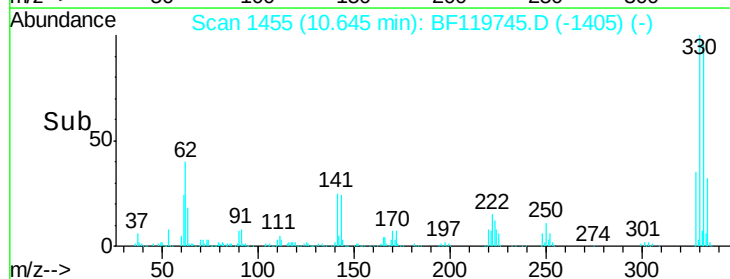
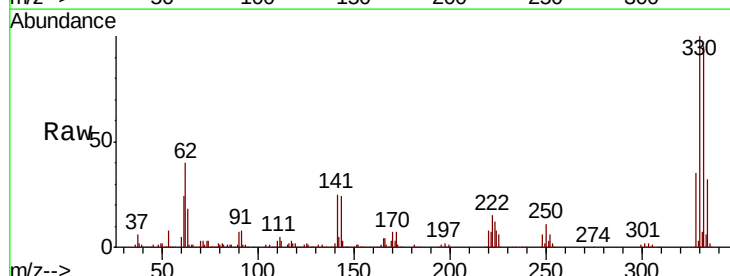
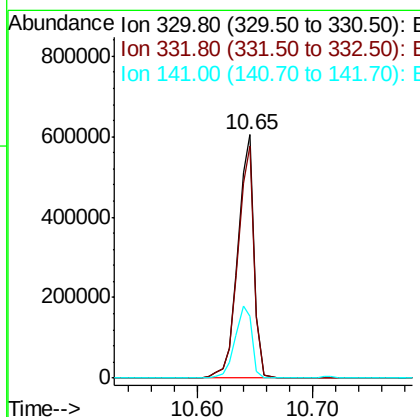
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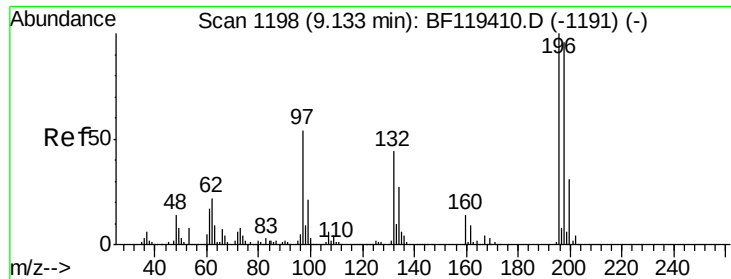
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#42
2,4,6-Tribromophenol
Concen: 168.933 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	75.7	113.5
141	31.1	25.4	38.0





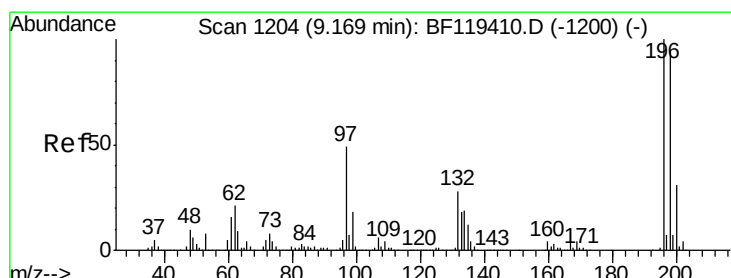
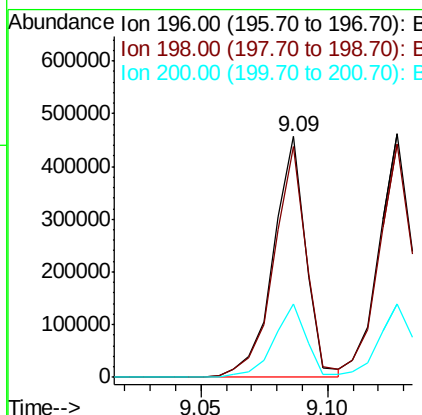
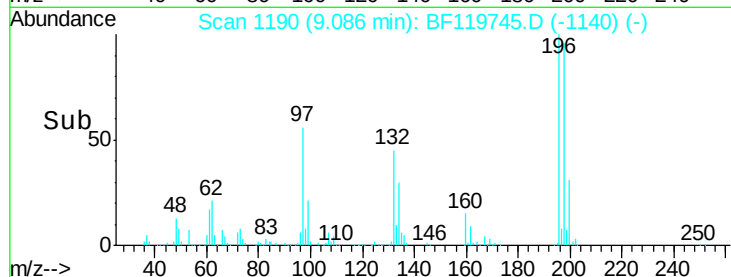
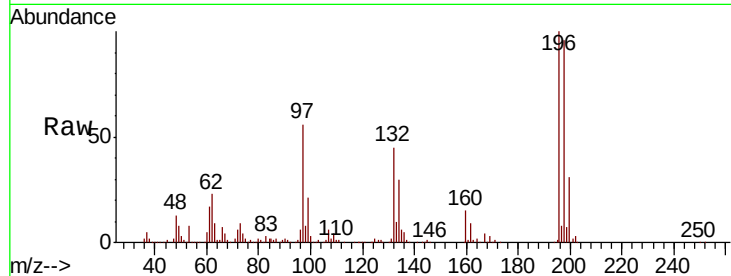
#43
 2,4,6-Trichlorophenol
 Concen: 57.485 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	405559		
198	96.1	76.6	115.0	
200	30.7	24.6	36.8	

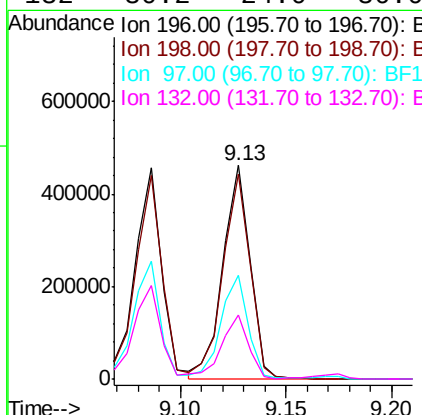
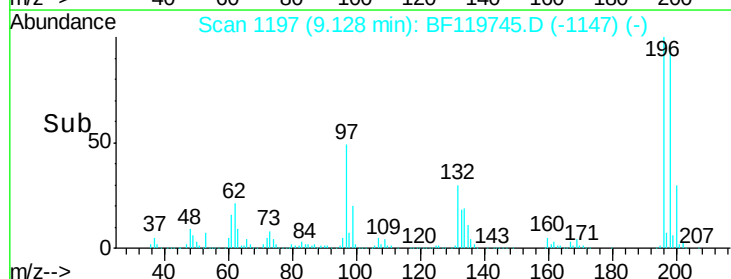
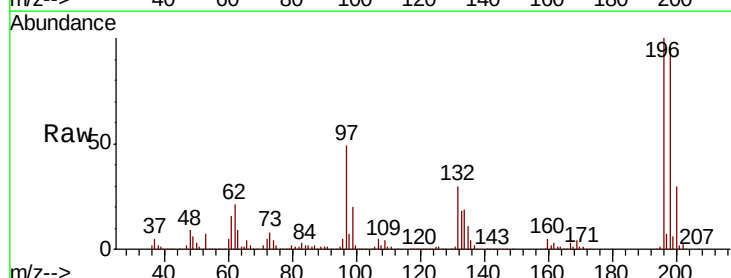
Manual Integrations
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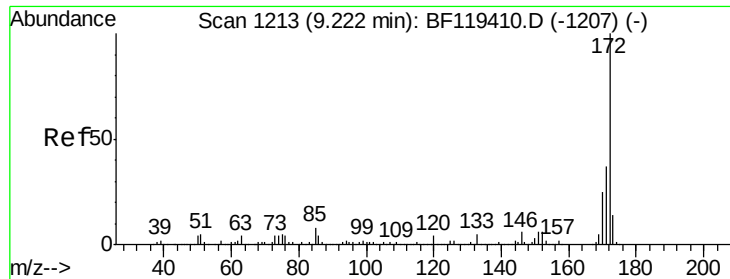
mohammad
 4/6/2020 1:39:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.794 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	409348		
198	96.0	73.8	110.8	
97	48.7	42.6	63.8	
132	30.2	24.0	36.0	





#45

2-Fluorobiphenyl

Concen: 112.763 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:172 Resp: 2560141

Ion Ratio Lower Upper

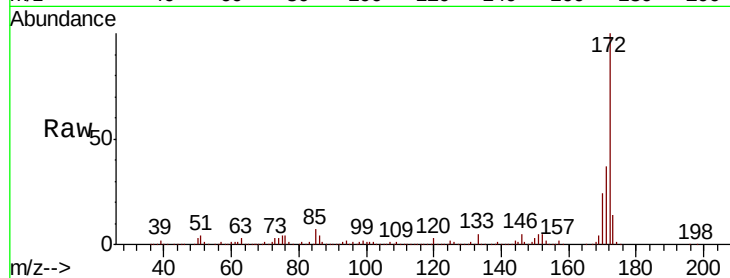
172 100

171 36.8 29.6 44.4

170 24.4 20.2 30.2

Manual Integrations
APPROVED

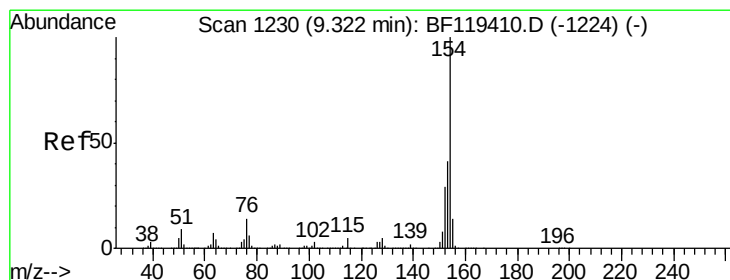
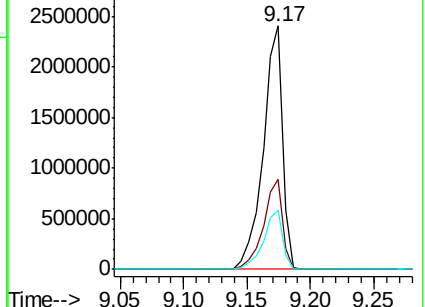
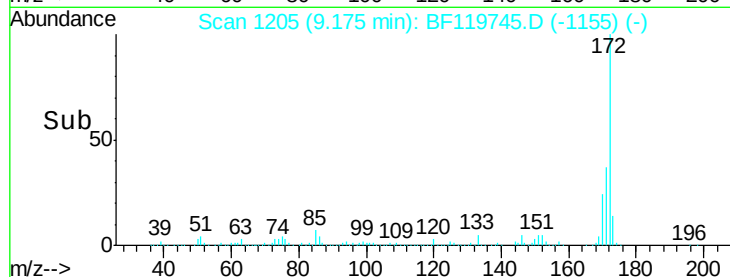
mohammad
4/6/2020 1:39:08 PM



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 55.439 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

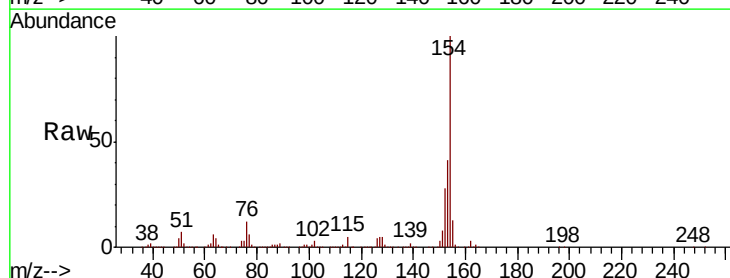
Tgt Ion:154 Resp: 1518687

Ion Ratio Lower Upper

154 100

153 40.7 21.4 61.4

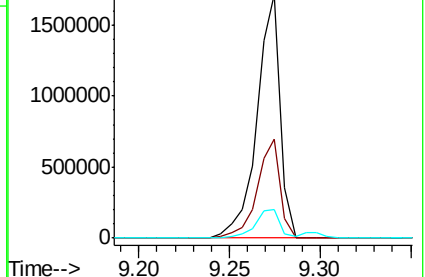
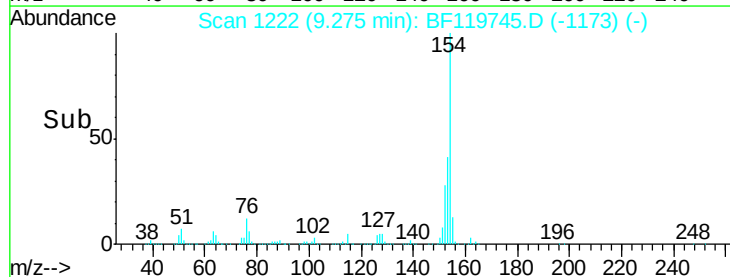
76 11.6 0.0 33.0

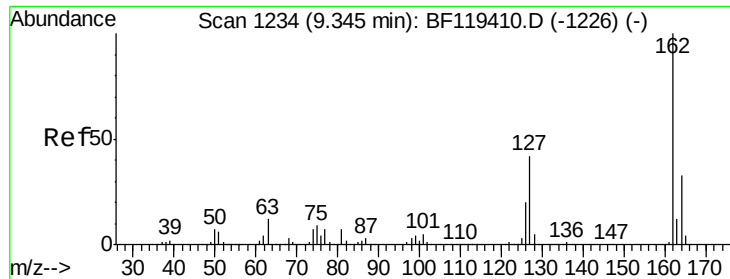


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





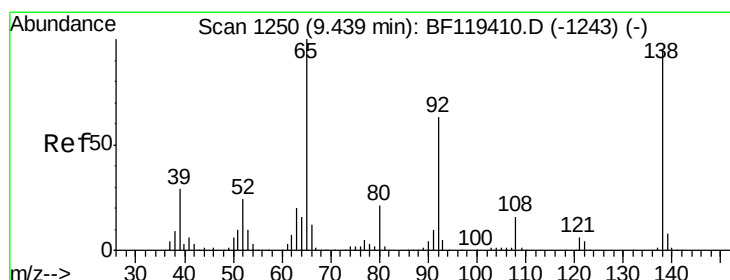
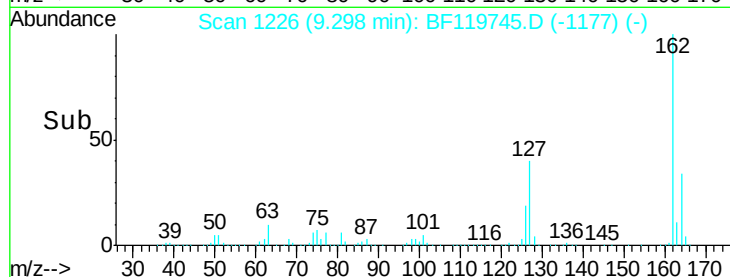
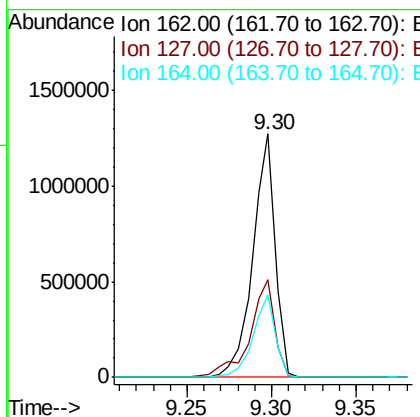
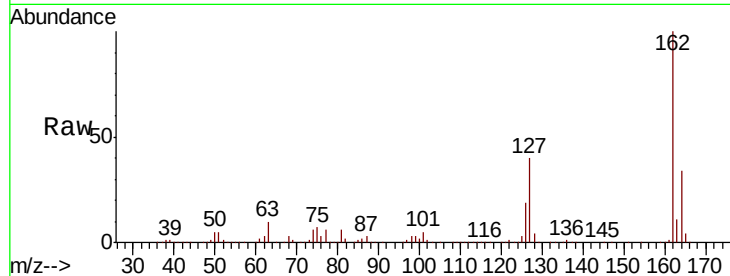
#47
2-Chloronaphthalene
Concen: 55.197 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion: 162 Resp: 1184421
Ion Ratio Lower Upper
162 100
127 40.3 33.7 50.5
164 34.0 26.3 39.5

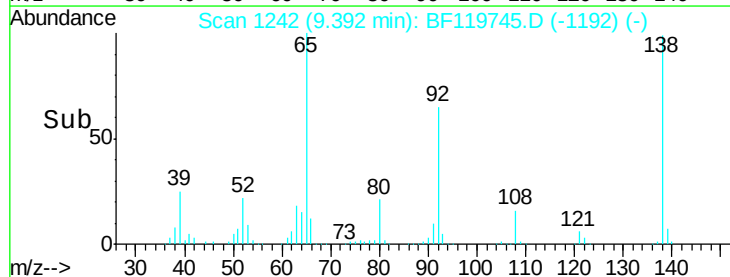
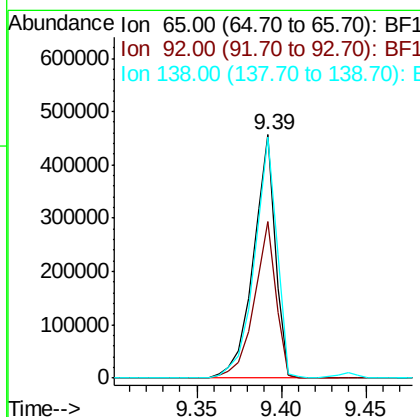
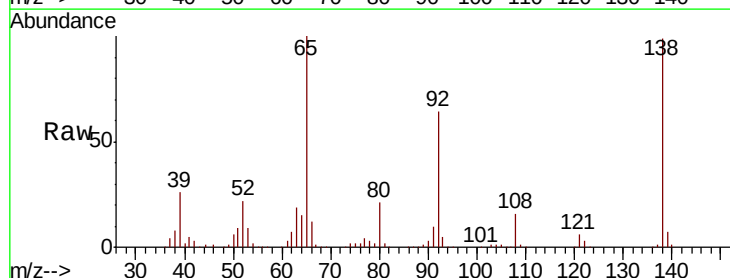
Manual Integrations
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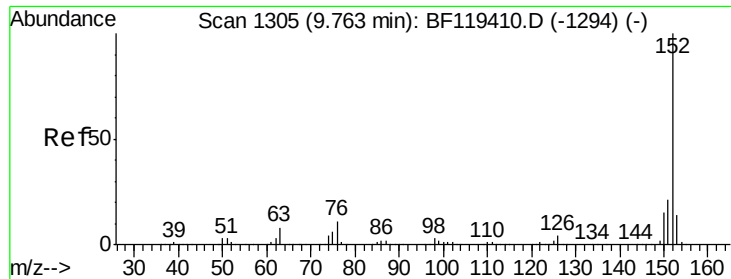
mohammad
4/6/2020 1:39:08 PM



#48
2-Nitroaniline
Concen: 56.309 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion: 65 Resp: 417050
Ion Ratio Lower Upper
65 100
92 64.4 50.0 75.0
138 98.9 75.0 112.4





#49

Acenaphthylene

Concen: 54.531 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:152 Resp: 1837521

Ion Ratio Lower Upper

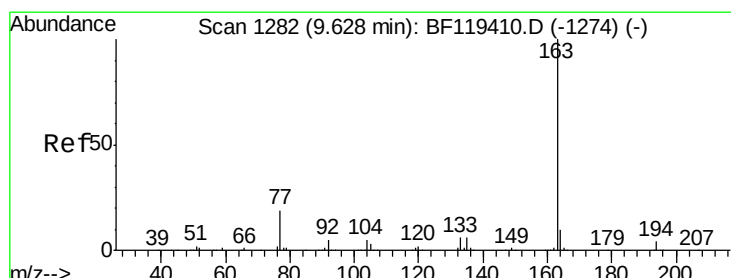
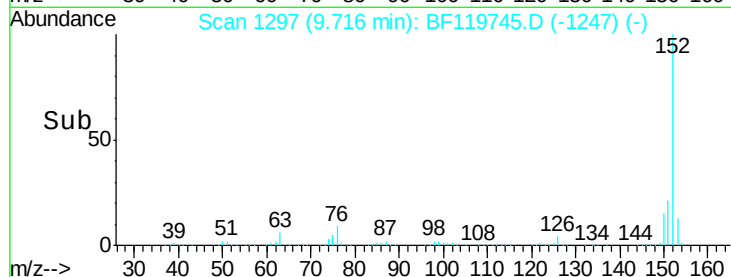
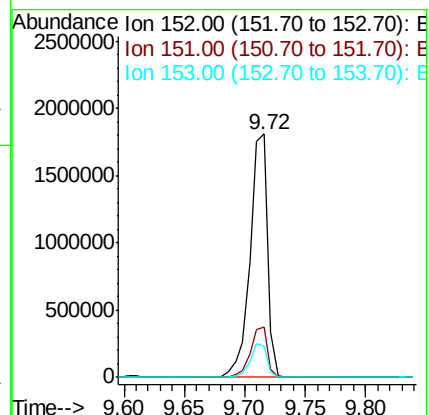
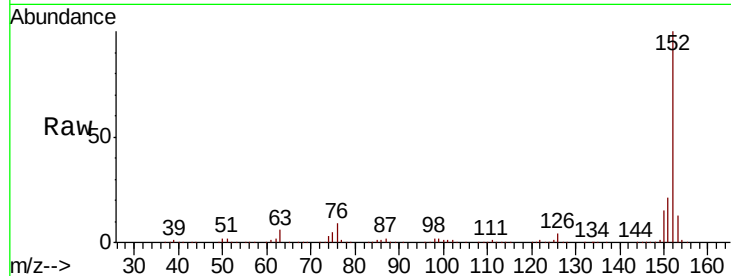
152 100

151 20.7 17.2 25.8

153 12.9 11.2 16.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 67.285 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

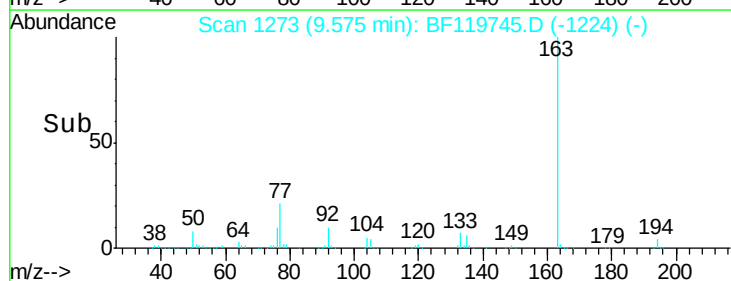
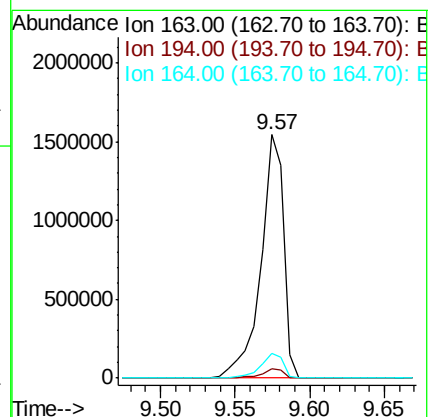
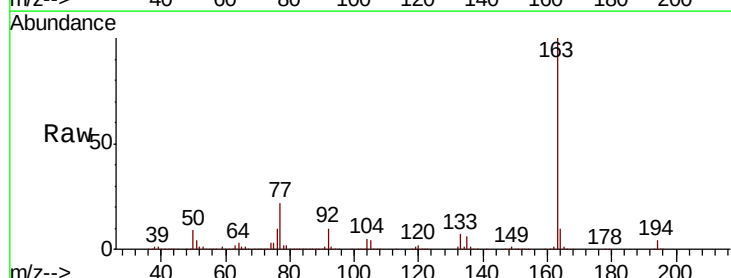
Tgt Ion:163 Resp: 1607503

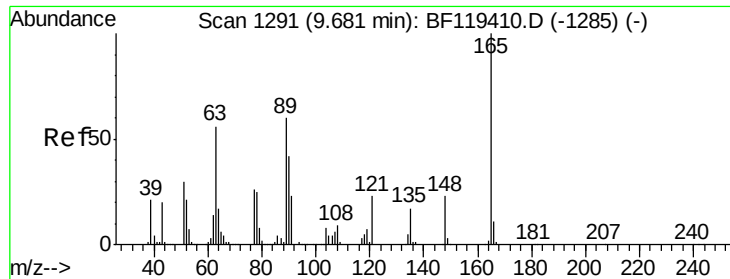
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.3 8.2 12.2





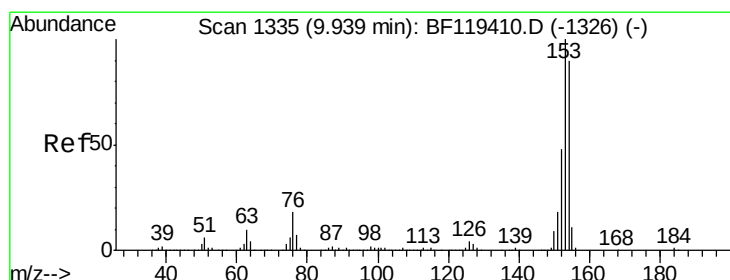
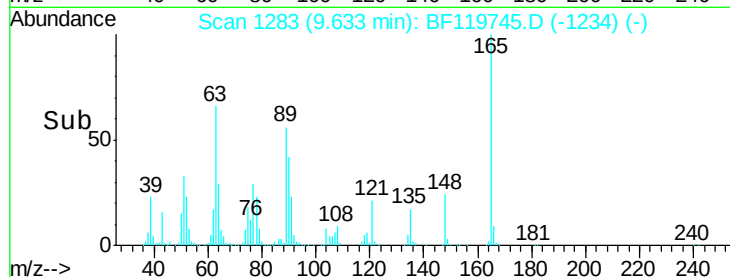
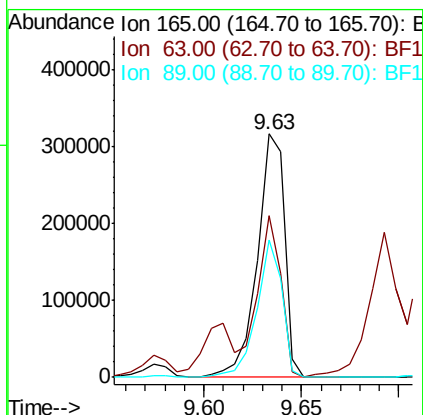
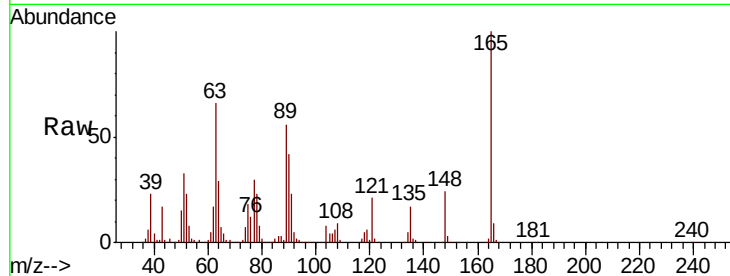
#51
2,6-Dinitrotoluene
Concen: 59.915 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	306818		
63	66.3	45.0	67.4	
89	56.3	41.5	62.3	

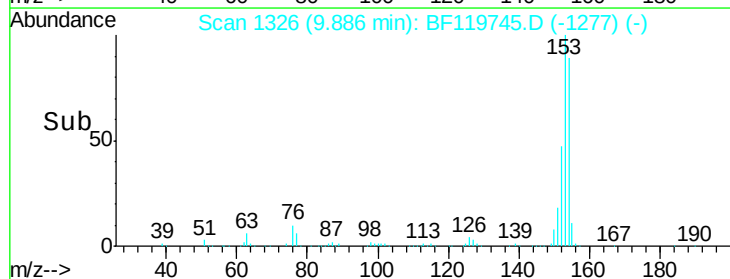
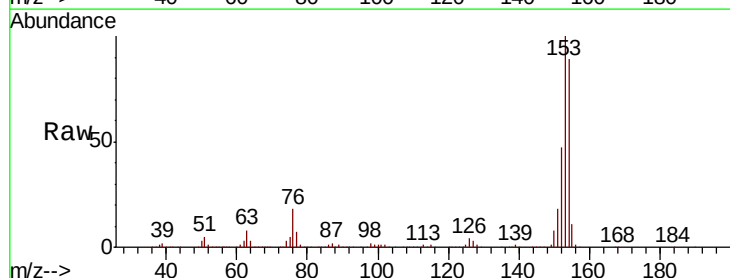
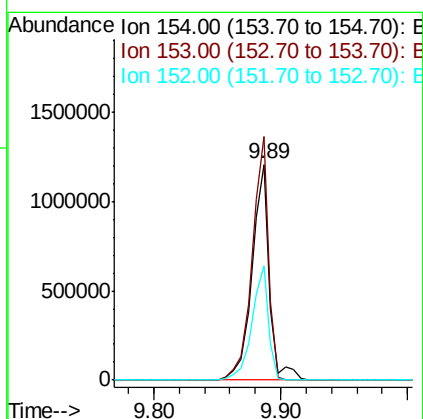
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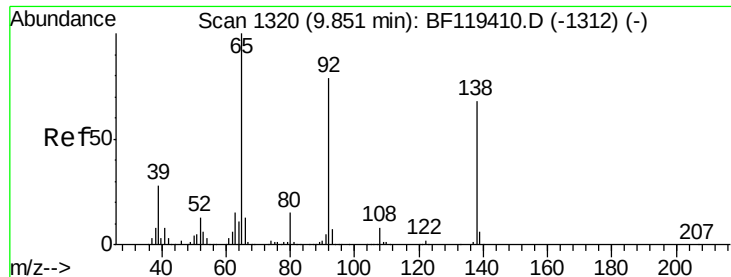
mohammad
4/6/2020 1:39:08 PM



#52
Acenaphthene
Concen: 55.296 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1161619		
153	112.7	88.1	132.1	
152	53.1	43.0	64.4	





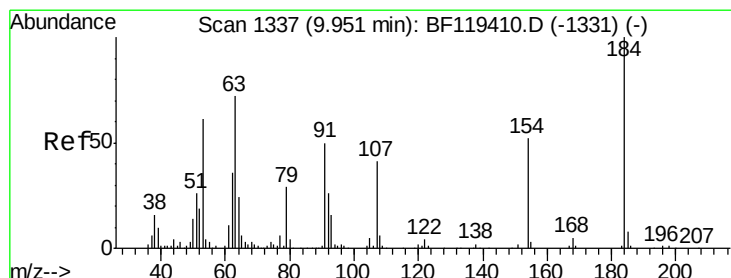
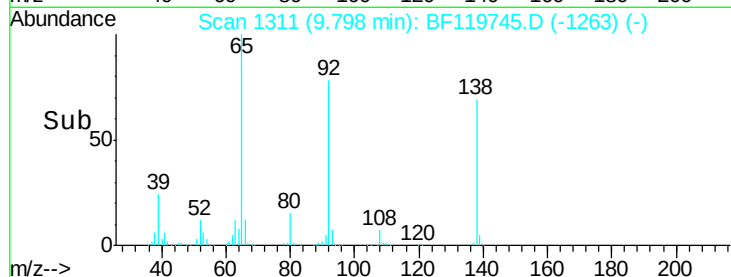
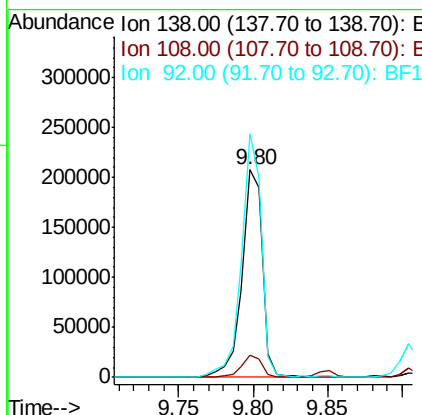
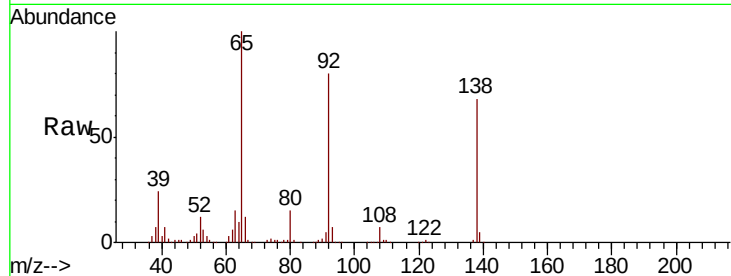
#53
3-Nitroaniline
Concen: 30.412 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	196617		
108	10.5	8.6	13.0	
92	117.5	95.4	143.0	

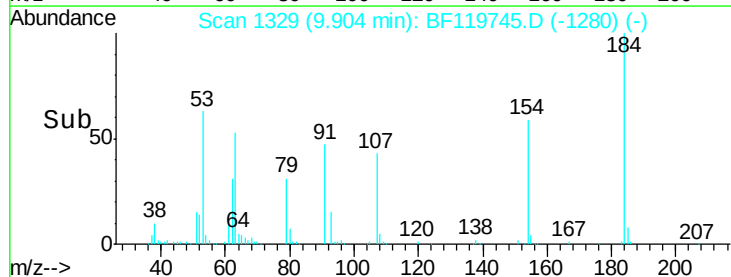
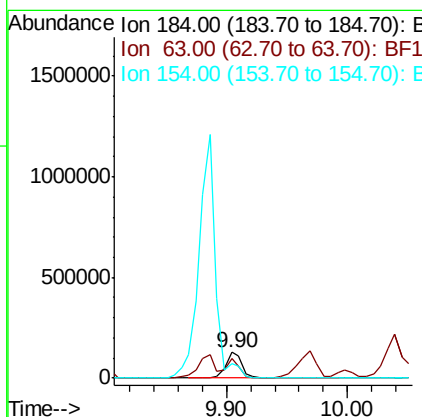
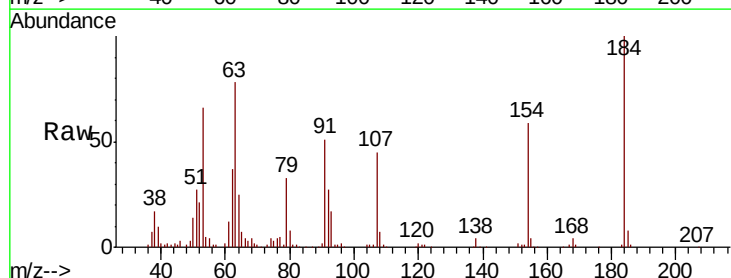
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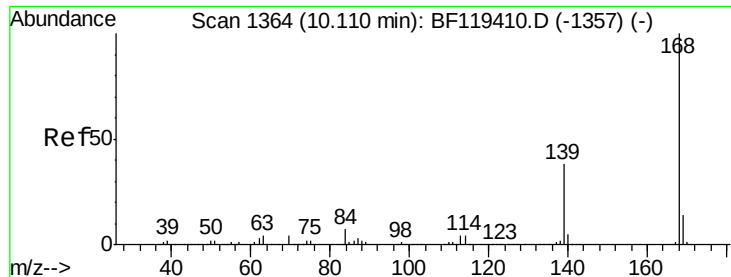
mohammad
4/6/2020 1:39:08 PM



#54
2,4-Dinitrophenol
Concen: 55.970 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	118694		
63	78.0	50.2	75.4#	
154	59.2	44.5	66.7	





#55

Dibenzenofuran

Concen: 54.309 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampled :

TP-2MS

Tot Ion:168 Resp: 1635723

Ion Ratio Lower Upper

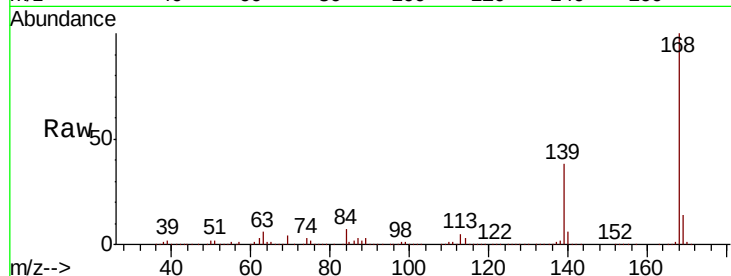
168 100

139 37.6 30.1 45.1

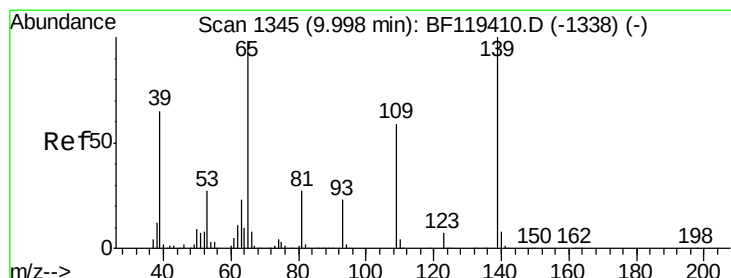
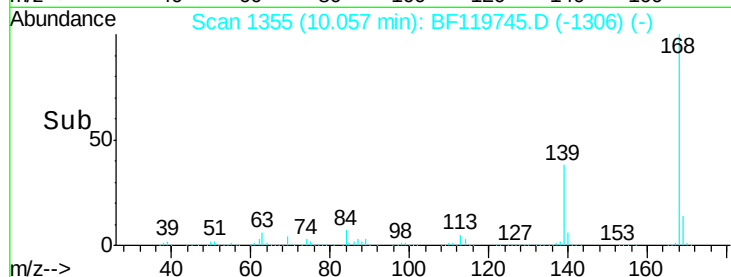
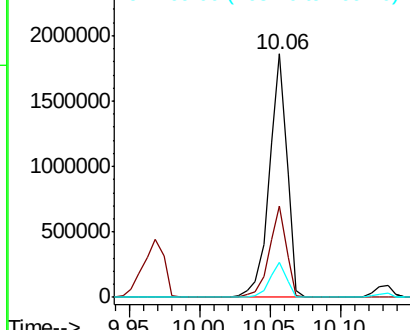
169 14.2 11.0 16.6

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Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 94.456 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

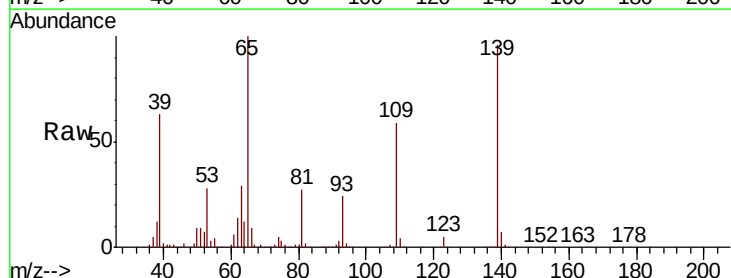
Tgt Ion:139 Resp: 481732

Ion Ratio Lower Upper

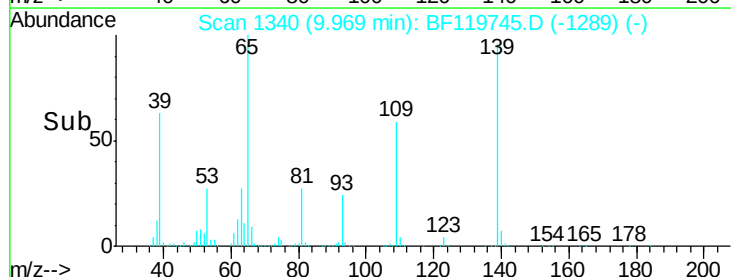
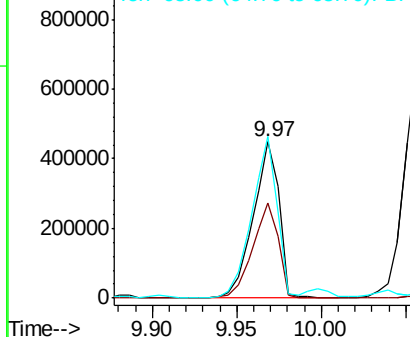
139 100

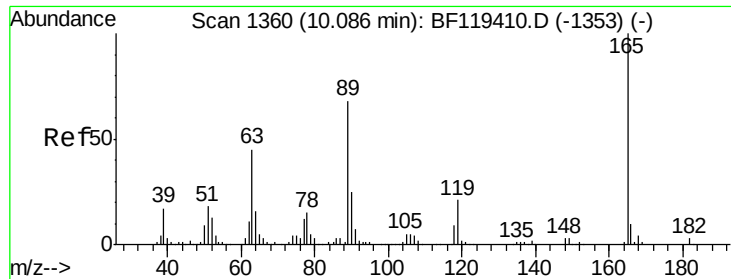
109 60.8 43.3 83.3

65 103.8 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





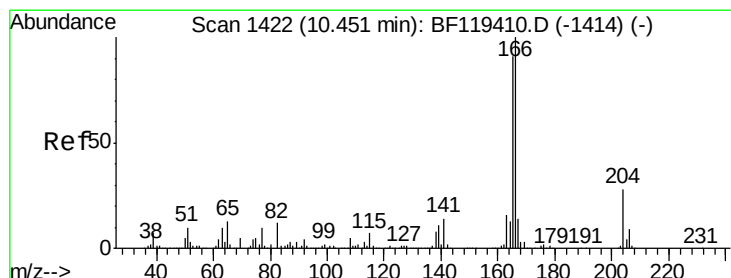
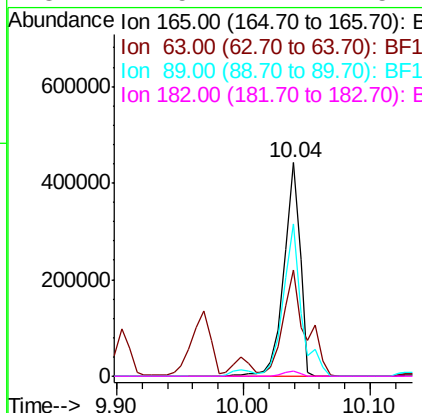
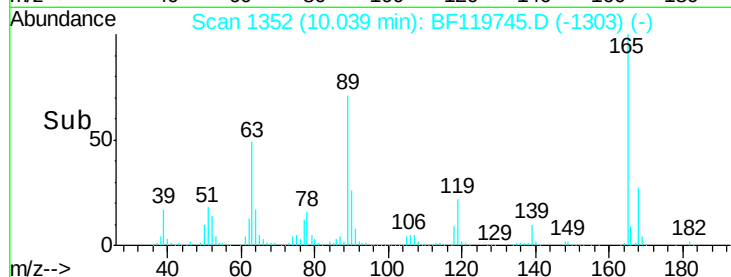
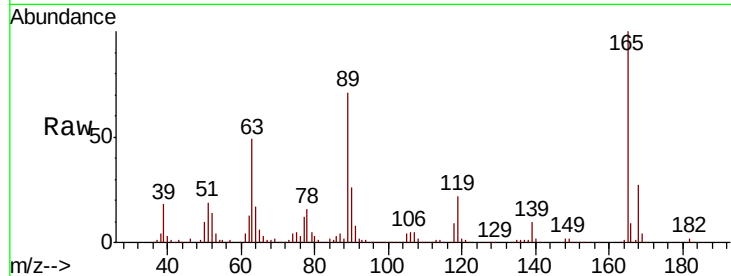
#57
2,4-Dinitrotoluene
Concen: 60.750 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		391896		
63	49.5	42.6	64.0		
89	71.3	61.0	91.4		
182	2.5	2.2	3.2		

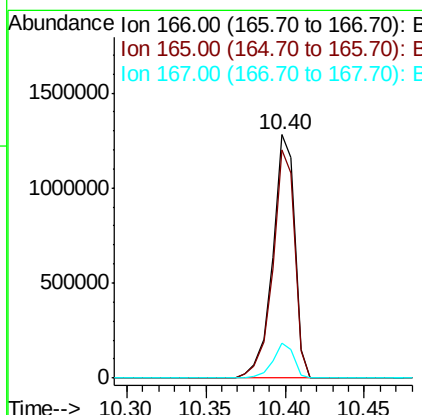
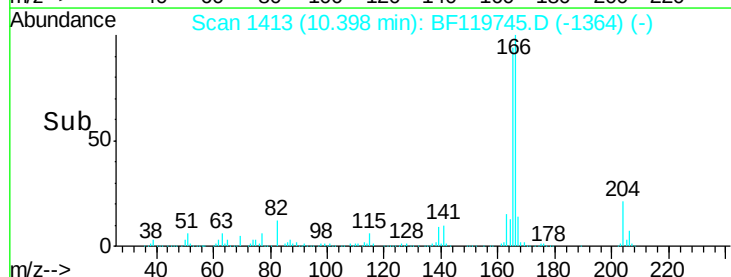
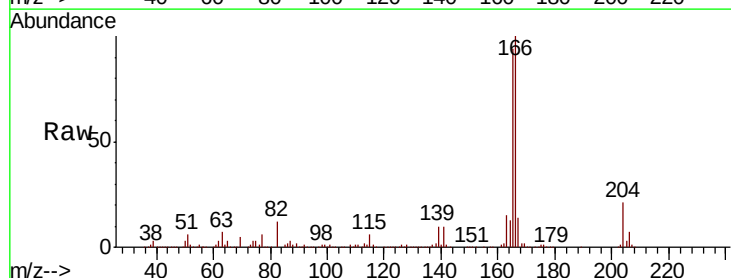
Manual Integrations
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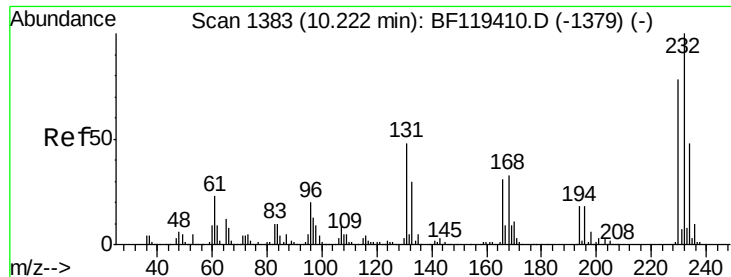
mohammad
4/6/2020 1:39:08 PM



#58
Fluorene
Concen: 56.097 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1249423		
165	93.6	75.4	113.2		
167	14.3	11.2	16.8		





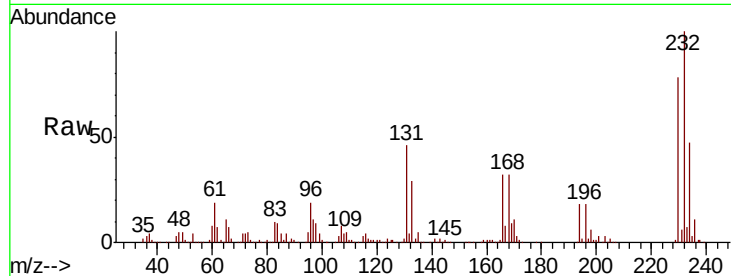
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.599 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

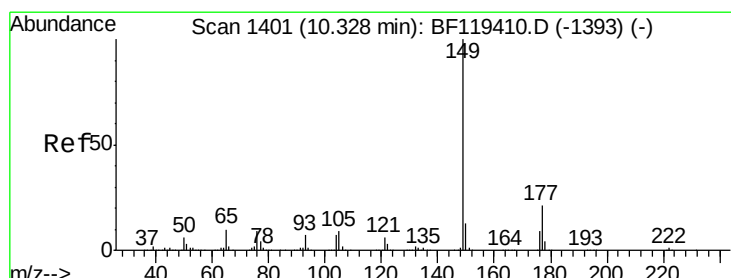
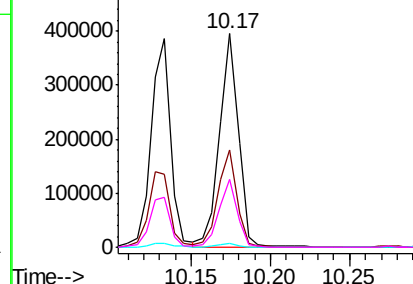
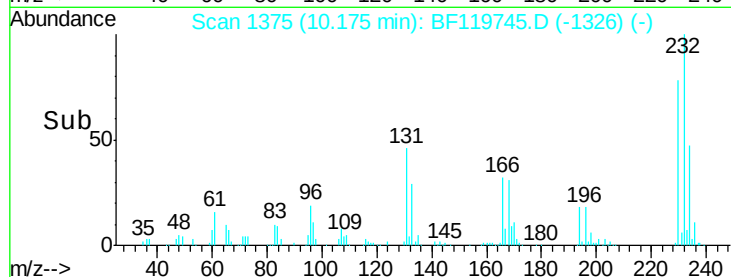
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	37.5	56.3
130	2.1	1.8	2.6
166	30.8	24.6	36.8

Manual Integrations
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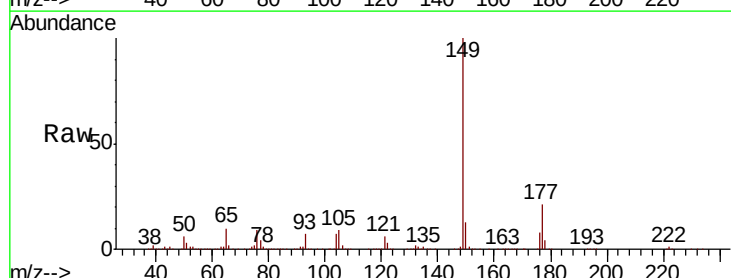


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

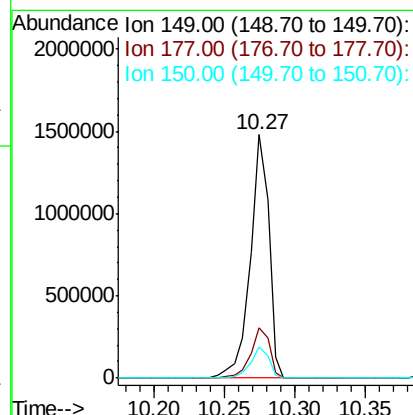
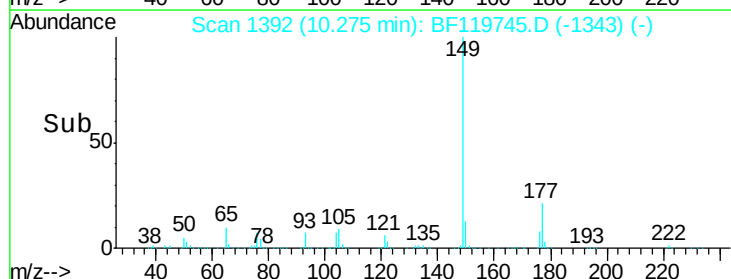


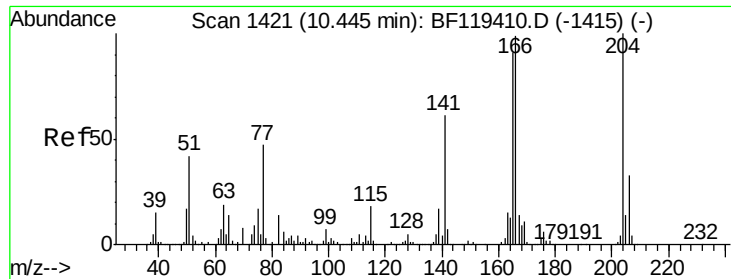
#60
 Diethylphthalate
 Concen: 56.320 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.6
150	12.9	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





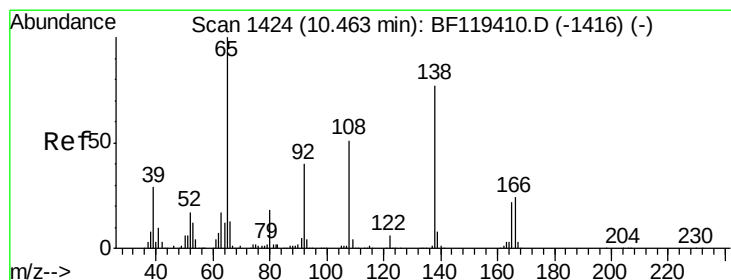
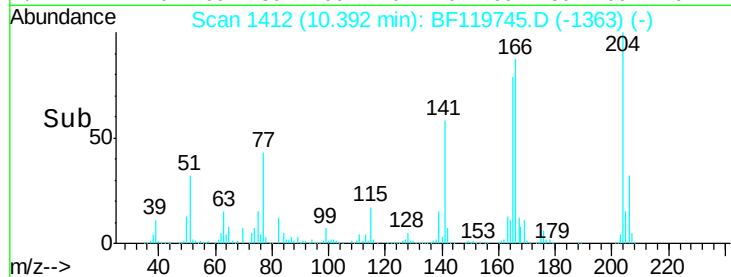
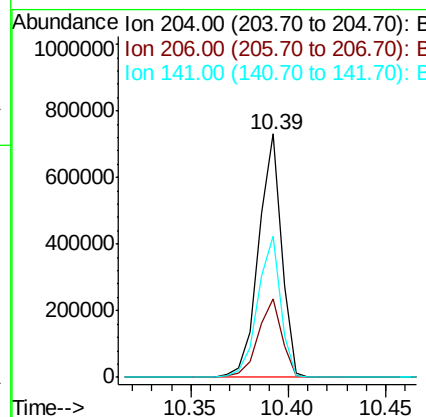
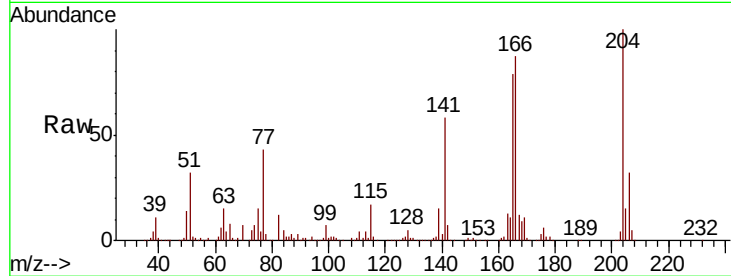
#61
 4-Chlorophenyl-phenylether
 Concen: 54.749 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion:	204	Resp:	596303
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.7	40.1
141	58.1	47.3	70.9

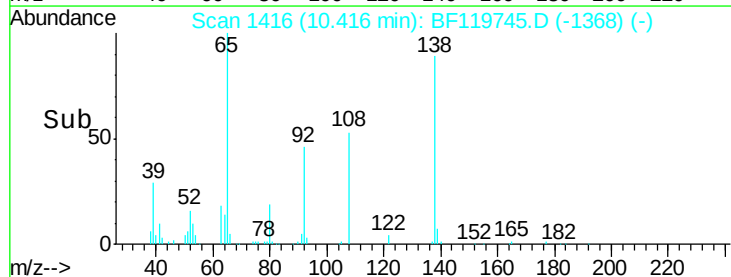
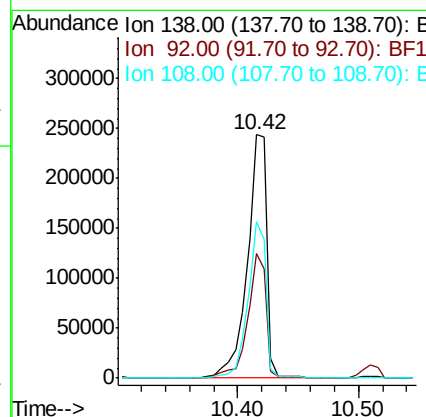
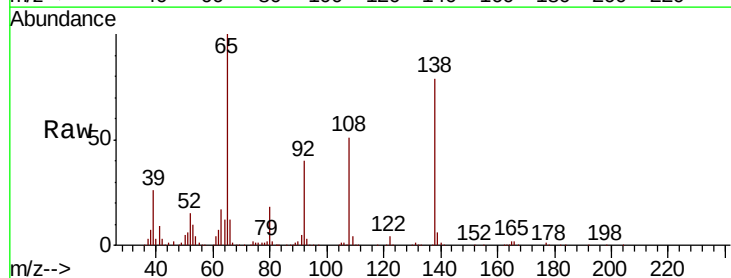
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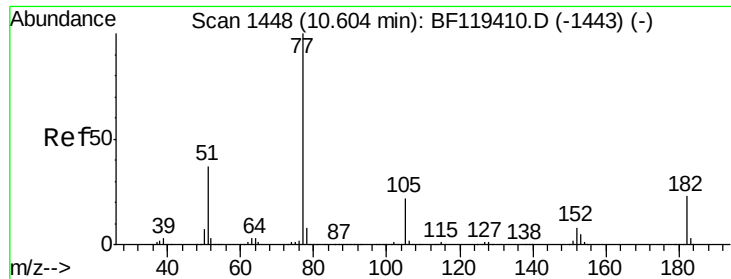
mohammad
 4/6/2020 1:39:08 PM



#62
 4-Nitroaniline
 Concen: 44.403 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion:	138	Resp:	275278
Ion Ratio	Lower	Upper	
138	100		
92	51.3	31.5	71.5
108	64.3	45.8	85.8





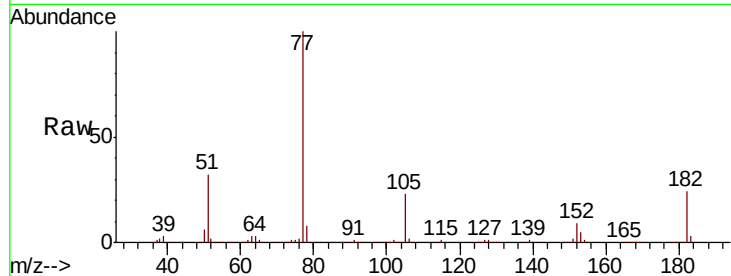
#63
Azobenzene
Concen: 53.036 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	4.4	44.4	
105	22.9	2.6	42.6	
51	32.1	15.1	55.1	

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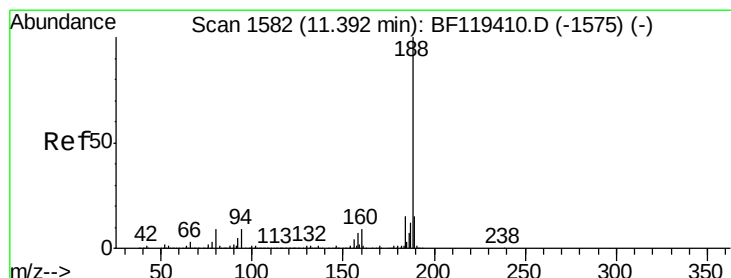
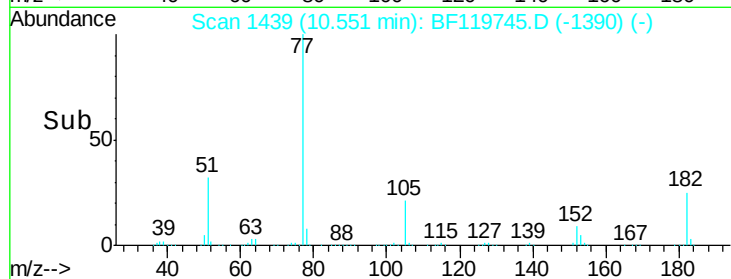
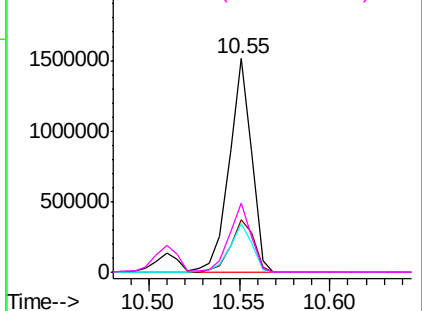
Abundance

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: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

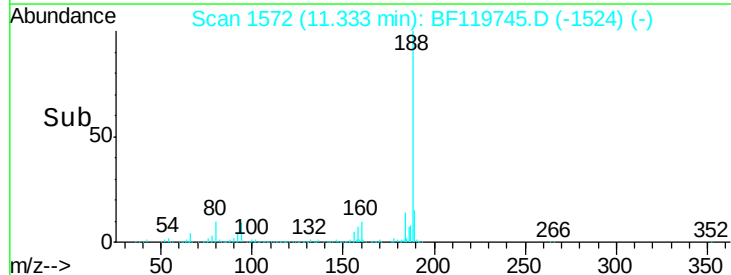
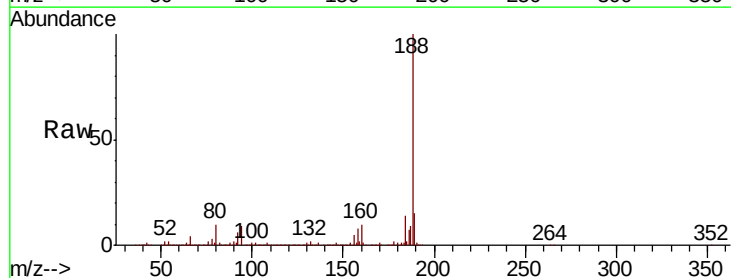
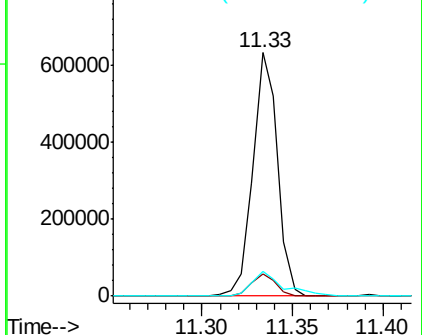
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.5	11.3	
80	10.4	9.0	13.4	

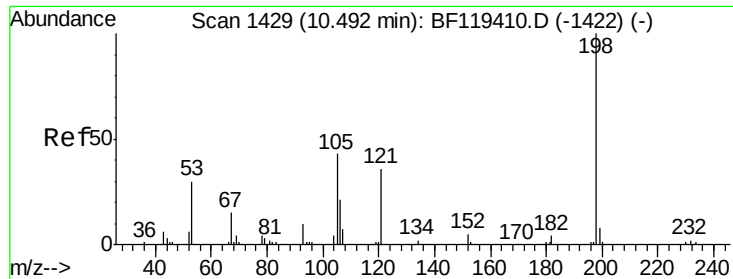
Abundance

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





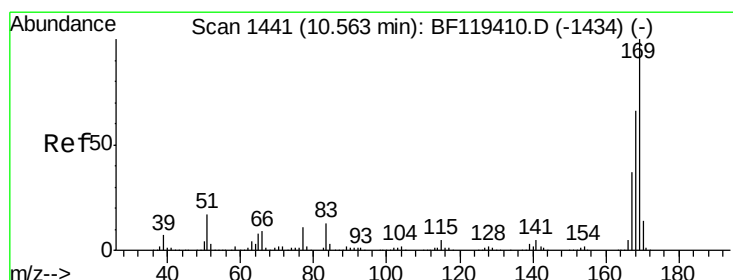
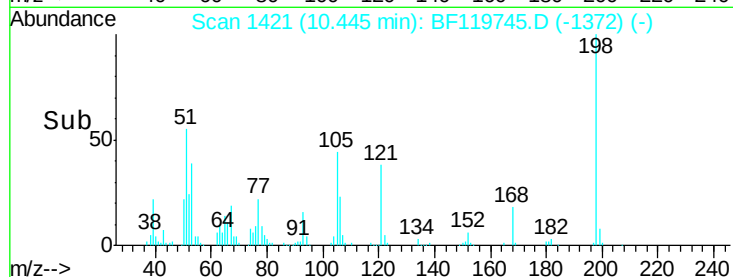
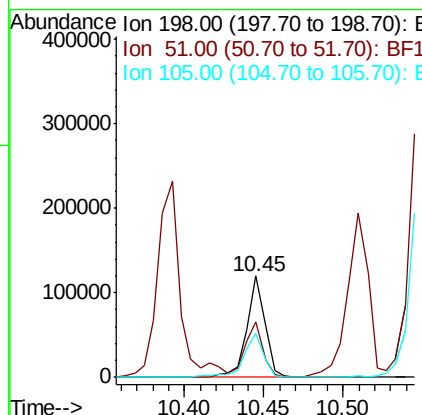
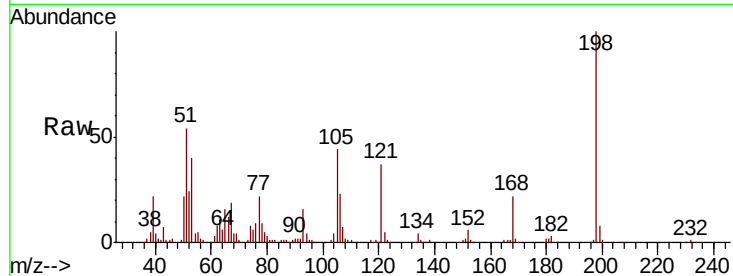
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.126 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	95250		
51	54.2	29.0	69.0	
105	43.7	22.2	62.2	

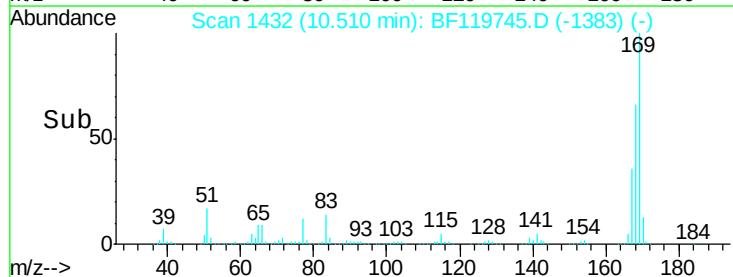
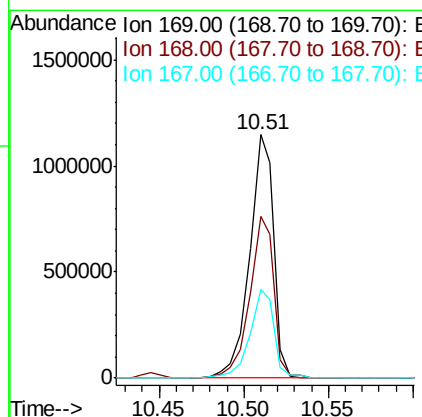
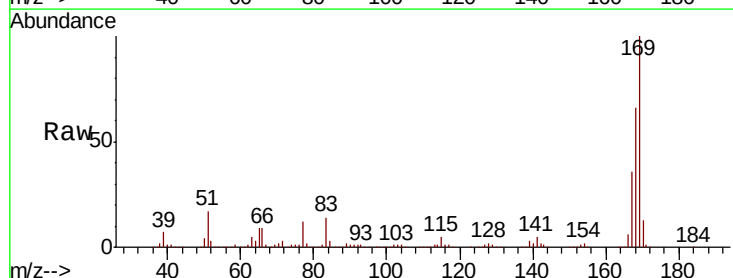
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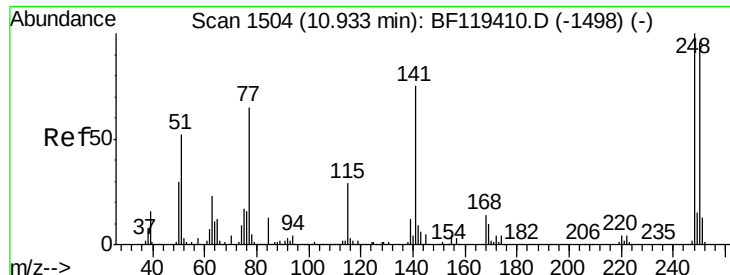
mohammad
 4/6/2020 1:39:08 PM



#66
 n-Nitrosodiphenylamine
 Concen: 58.403 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1142305		
168	66.5	53.2	79.8	
167	36.4	29.1	43.7	





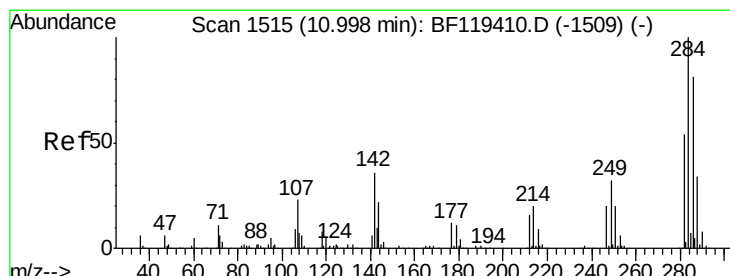
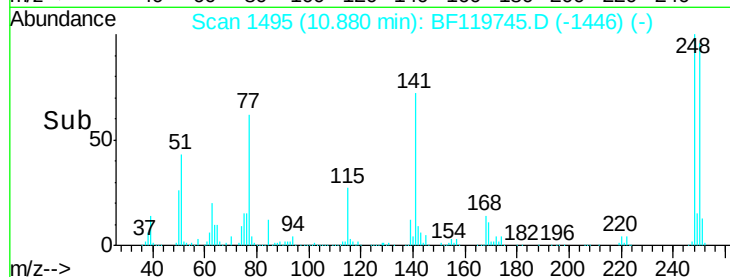
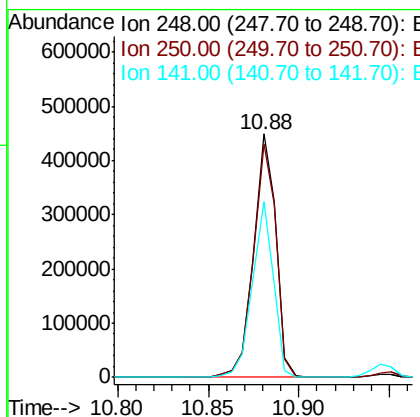
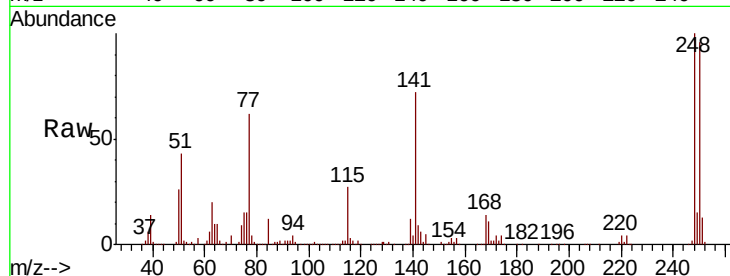
#67
 4-Bromophenyl-phenylether
 Concen: 56.543 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.7	77.3	115.9
141	72.3	58.6	87.8

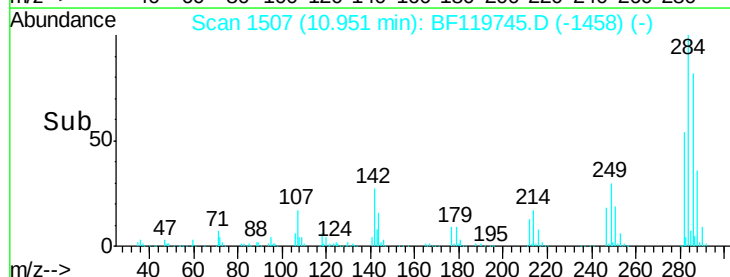
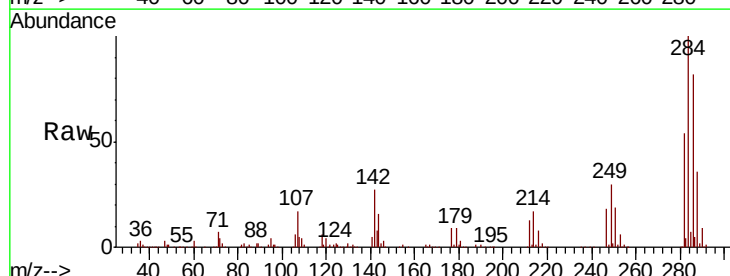
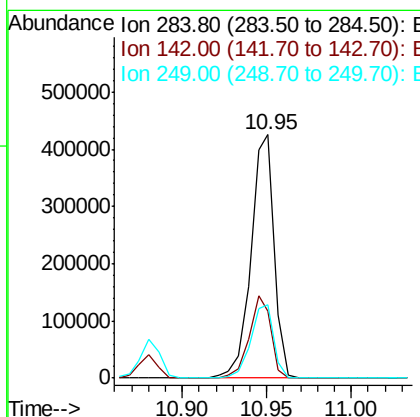
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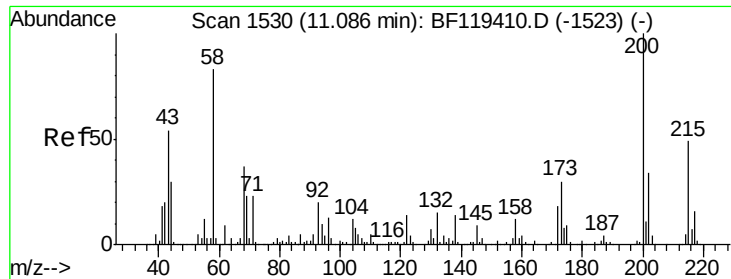
mohammad
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#68
 Hexachlorobenzene
 Concen: 58.639 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	29.2	43.8#
249	30.1	25.1	37.7





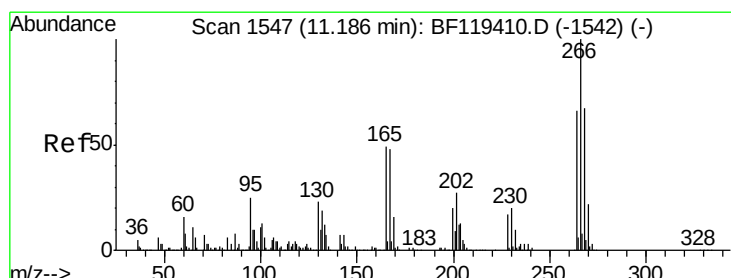
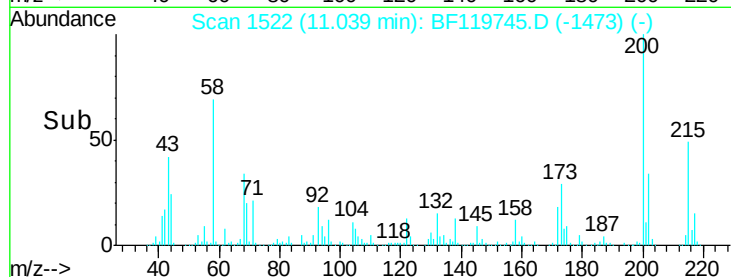
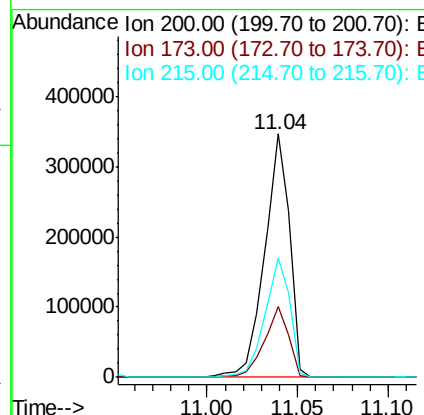
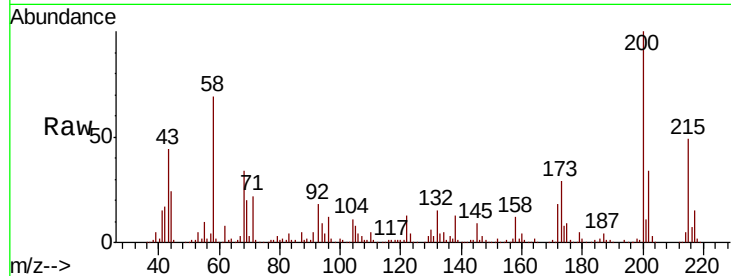
#69
Atrazine
Concen: 61.627 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.3	9.3	49.3
215	49.1	29.5	69.5

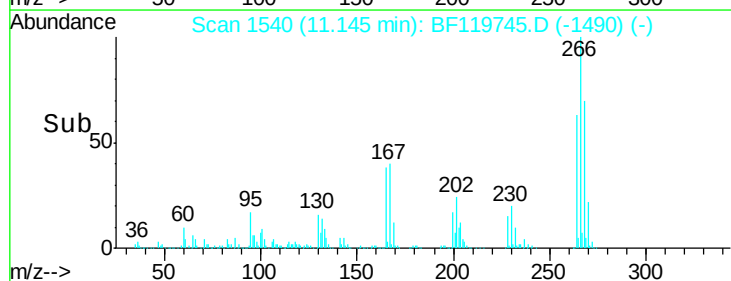
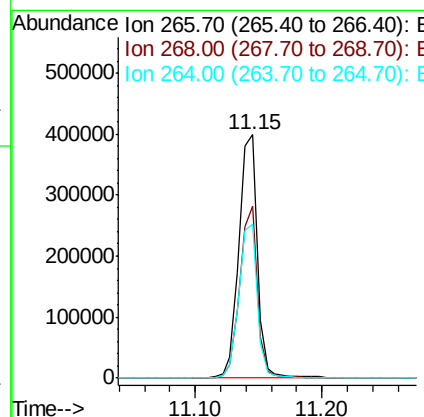
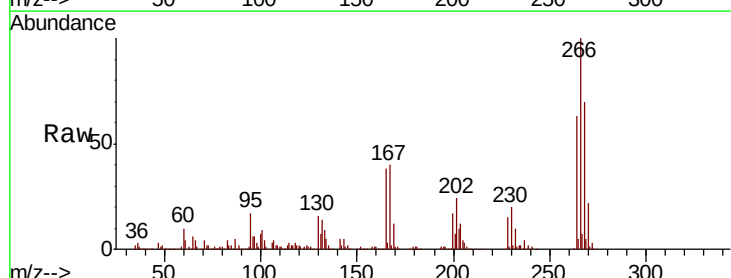
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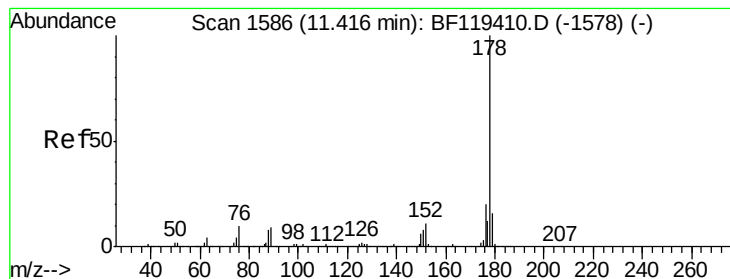
mohammad
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#70
Pentachlorophenol
Concen: 98.380 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	70.5	53.3	79.9
264	63.1	49.0	73.4





#71

Phenanthrene

Concen: 57.496 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampled :

TP-2MS

Tot Ion:178 Resp: 1776233

Ion Ratio Lower Upper

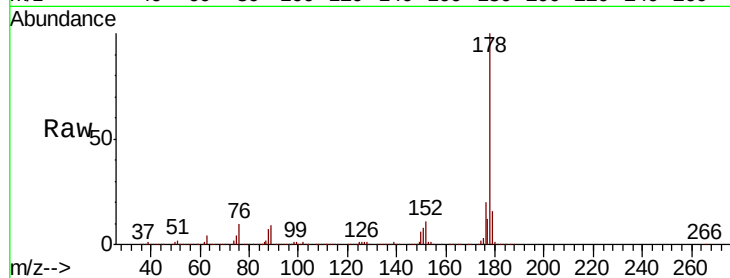
178 100

176 20.0 16.2 24.4

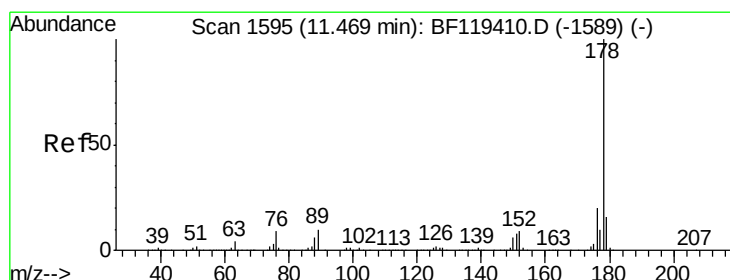
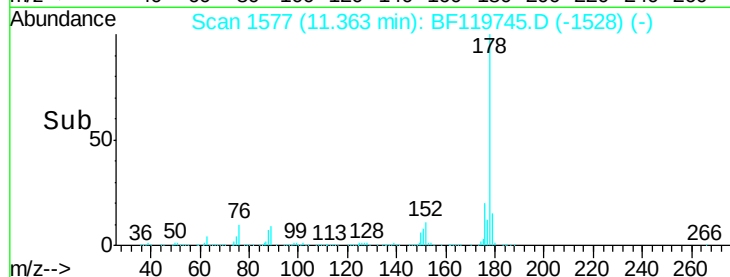
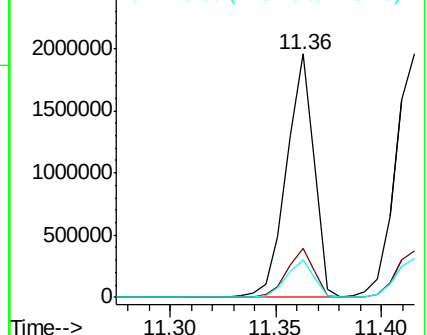
179 15.7 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.691 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

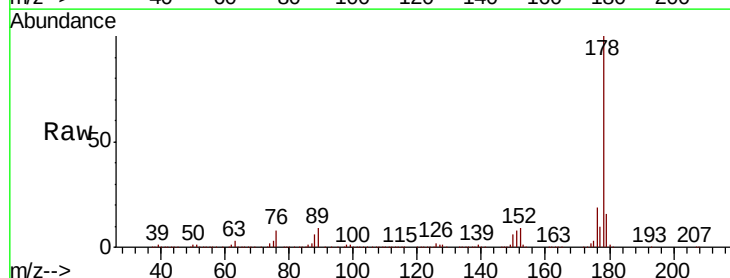
Tgt Ion:178 Resp: 1748588

Ion Ratio Lower Upper

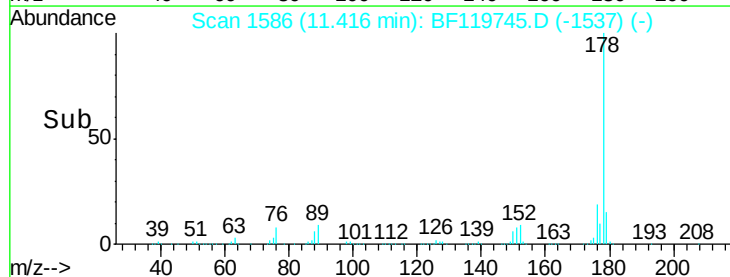
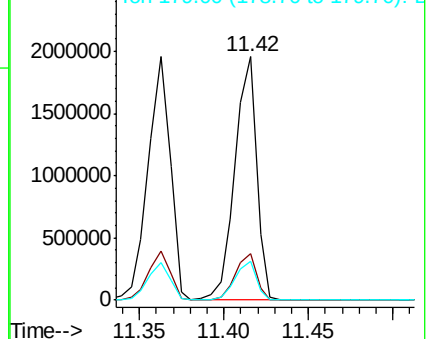
178 100

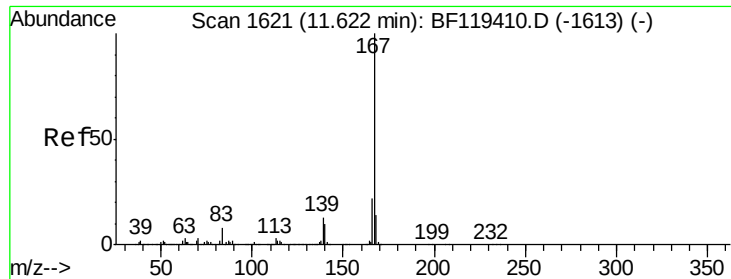
176 19.1 16.1 24.1

179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





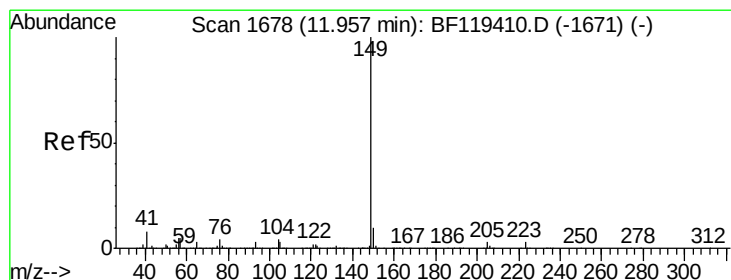
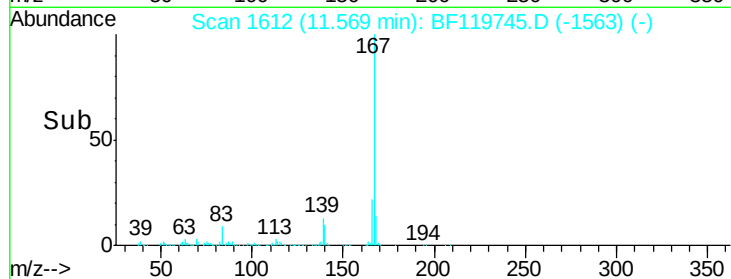
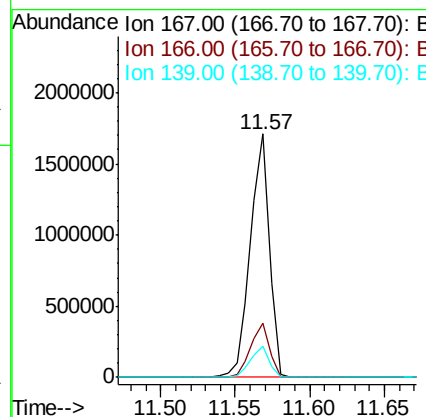
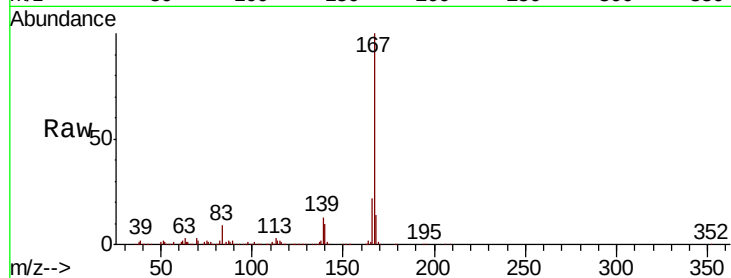
#73
 Carbazole
 Concen: 49.016 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.0	10.7	16.1

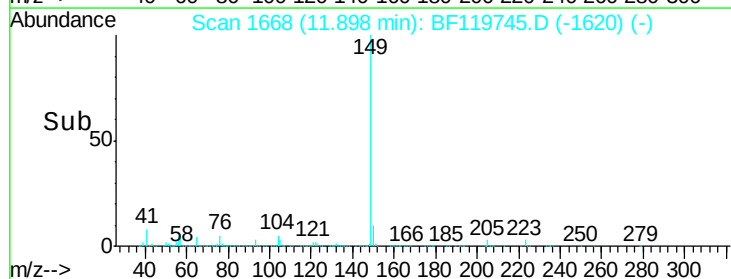
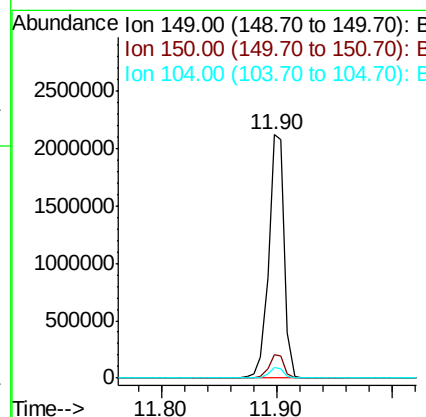
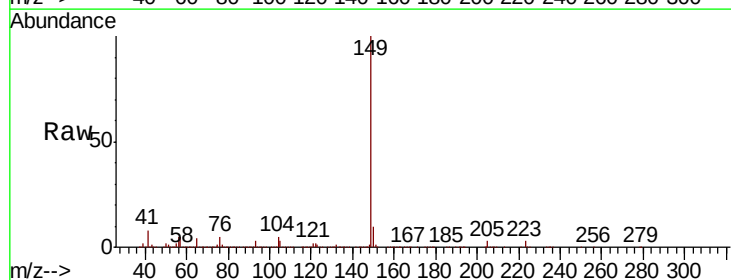
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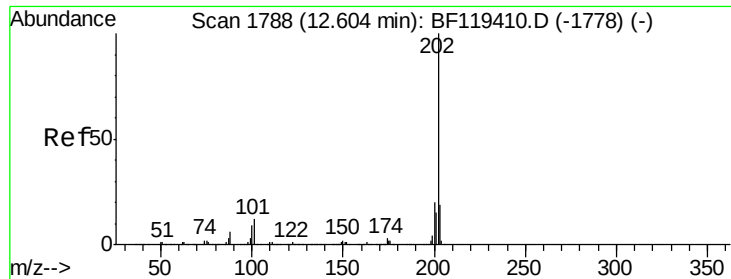
mohammad
 4/6/2020 1:39:08 PM



#74
 Di-n-butylphthalate
 Concen: 60.655 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 52.588 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

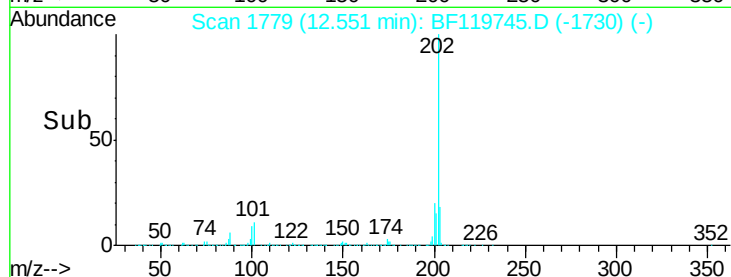
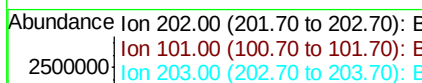
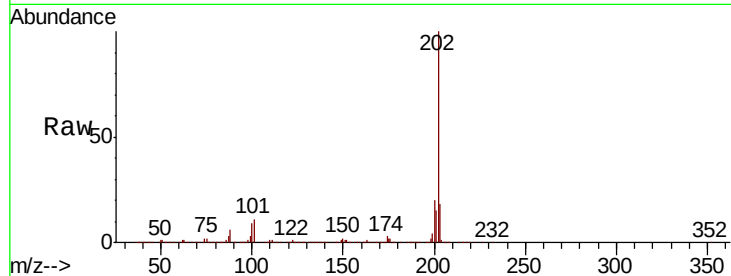
ClientSampled :

TP-2MS

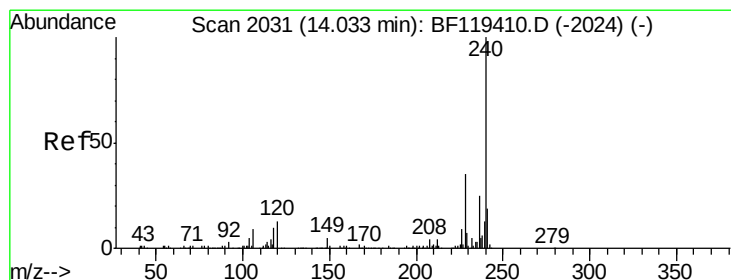
Tot Ion:	202	Resp:	1758223
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.2
203	17.8	0.0	38.8

Manual Integrations
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Time-->



#76

Chrysene-d12

Concen: 20.000 ng

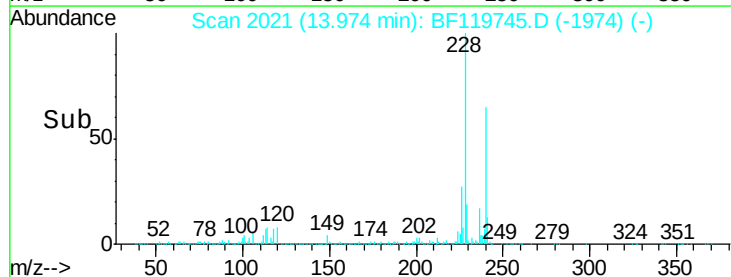
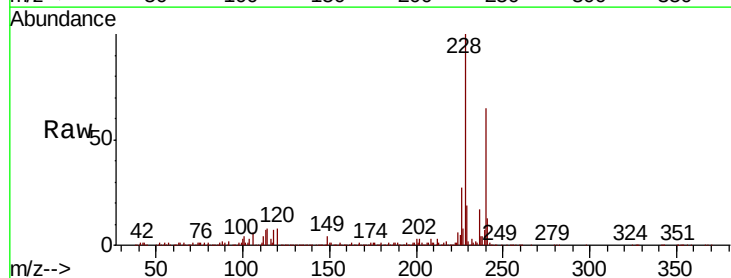
RT: 13.97 min Scan# 2021

Delta R.T. -0.02 min

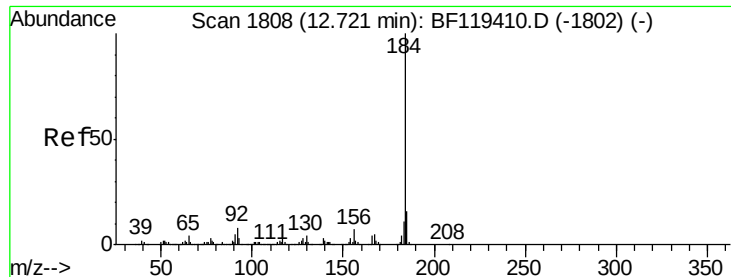
Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:	240	Resp:	345559
Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.6	15.8
236	25.7	20.2	30.2



Time-->



#77

Benzidine

Concen: 56.895 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

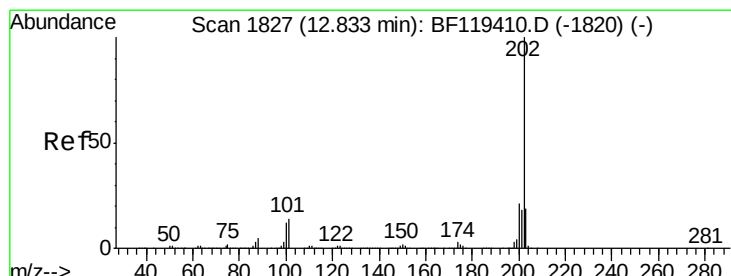
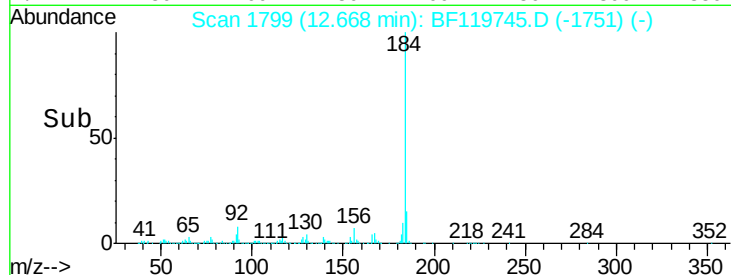
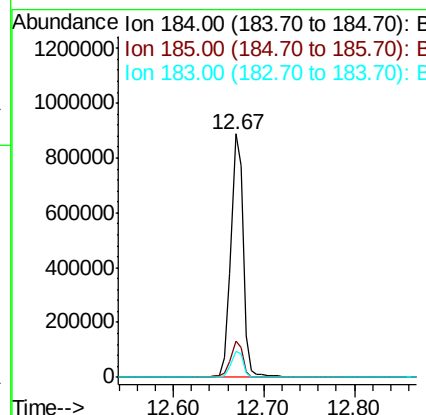
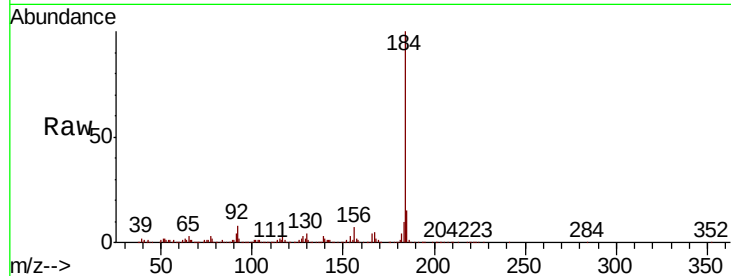
ClientSampleId :

TP-2MS

Tot Ion:	184	Resp:	832045
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.3	18.5
183	10.4	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 60.463 ng

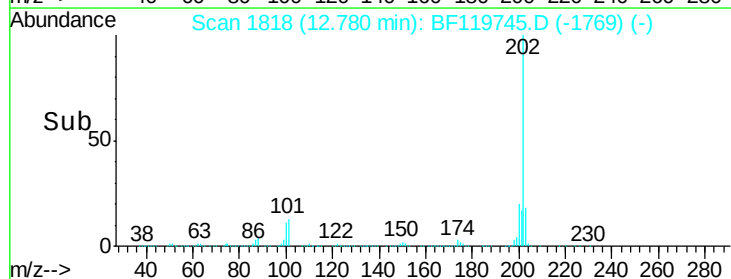
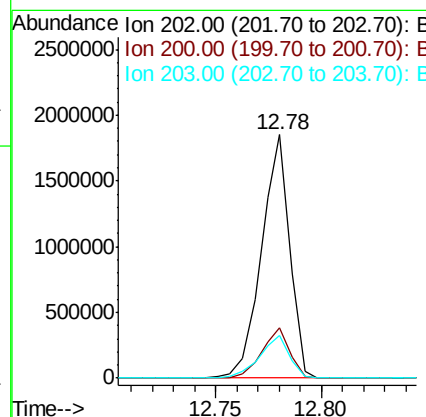
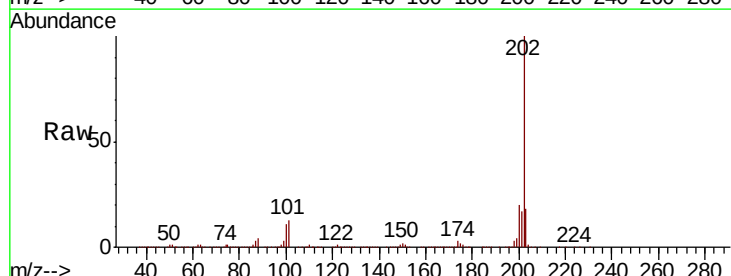
RT: 12.78 min Scan# 1818

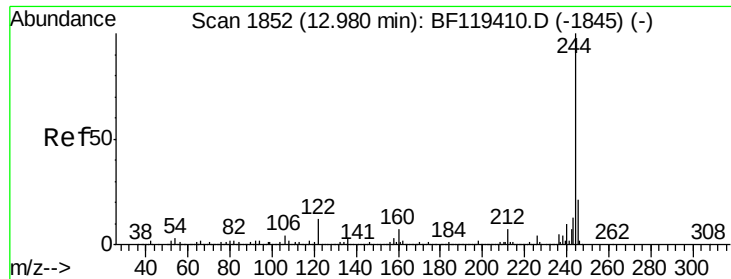
Delta R.T. -0.01 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Tgt Ion:	202	Resp:	1714724
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	17.7	15.1	22.7





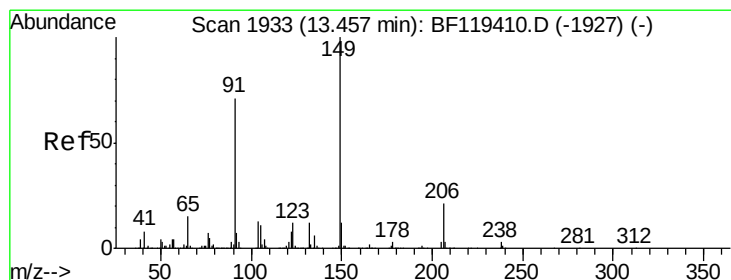
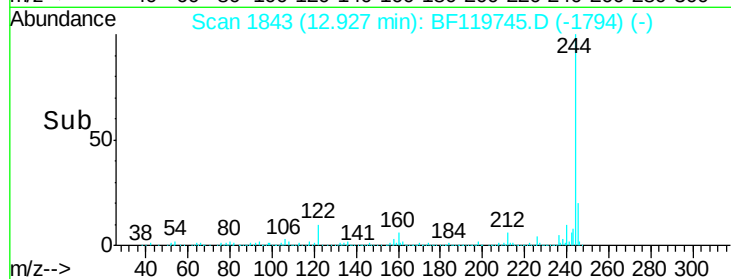
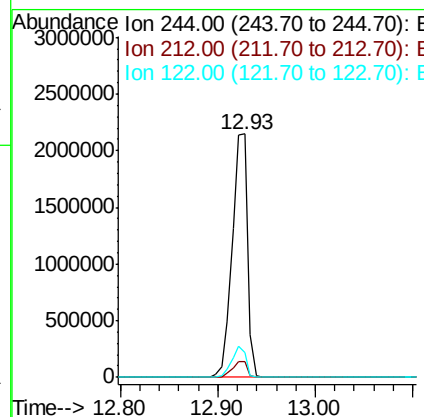
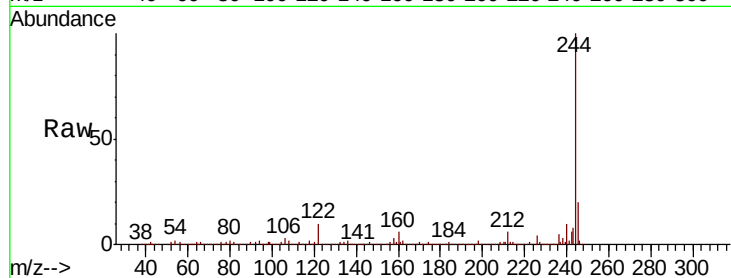
#79
 Terphenyl-d14
 Concen: 132.770 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.8
122	10.2	10.3	15.5

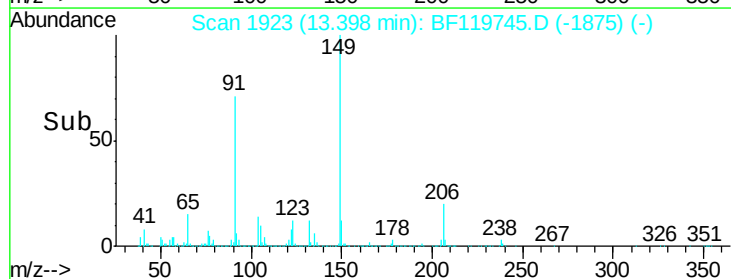
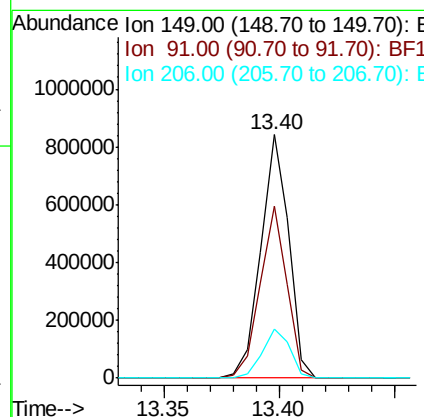
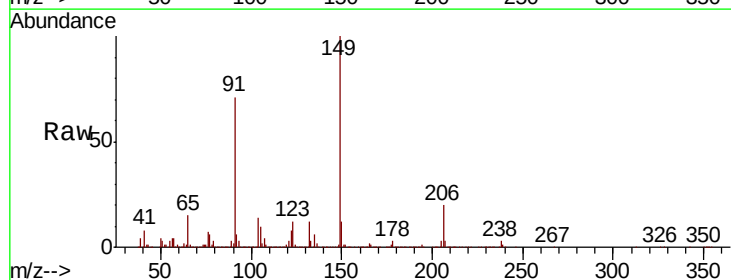
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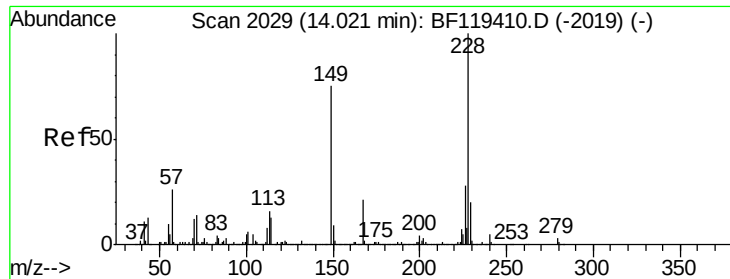
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#80
 Butylbenzylphthalate
 Concen: 61.935 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF119745.D
 Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.8	54.7	82.1
206	20.1	16.2	24.2





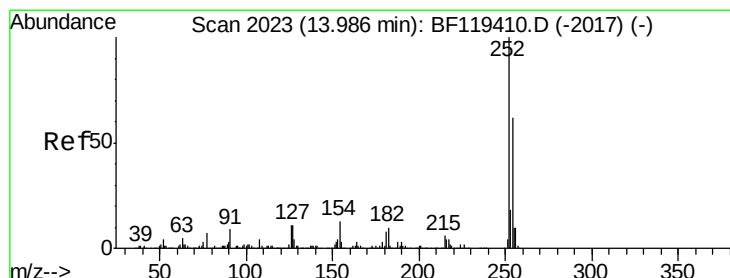
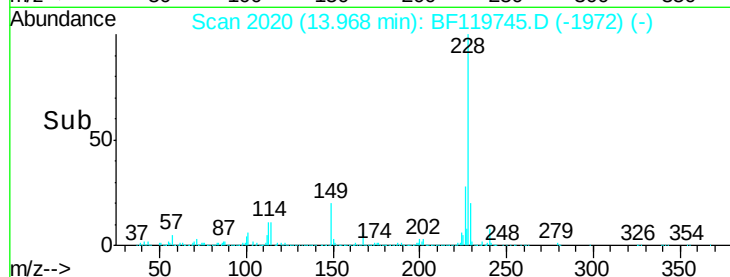
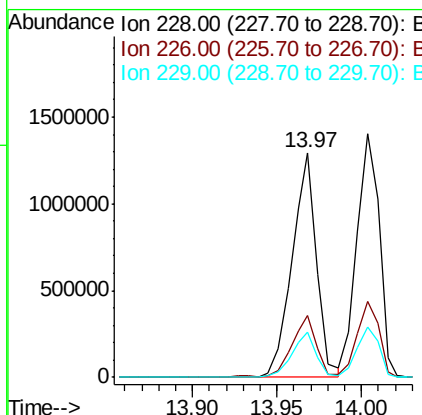
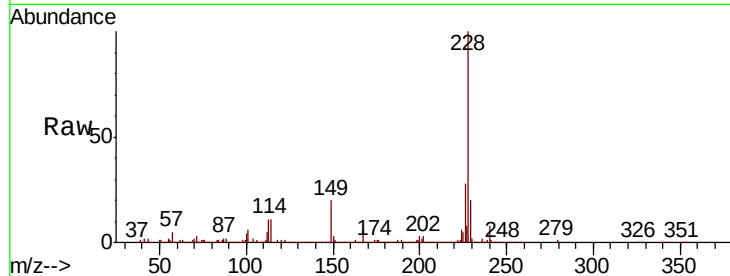
#81
Benzo(a)anthracene
Concen: 57.986 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	19.8	16.2	24.4

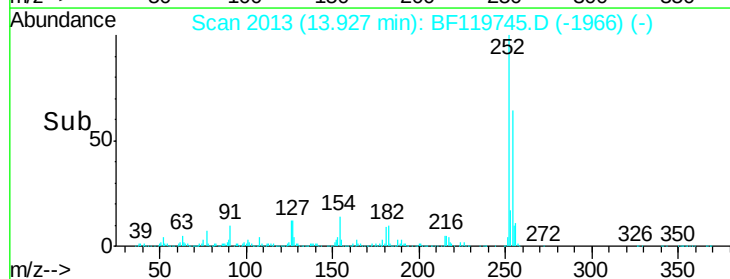
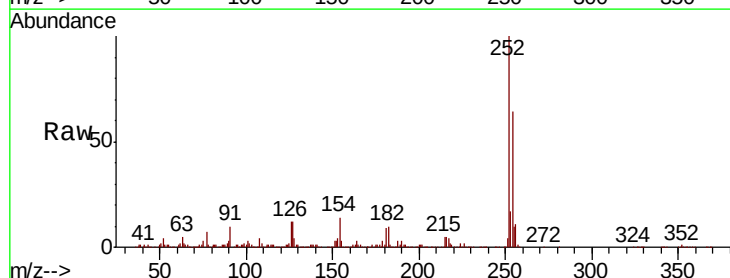
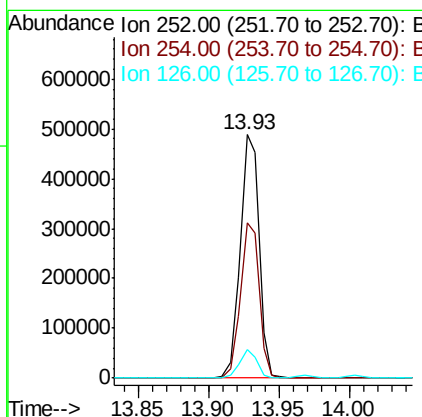
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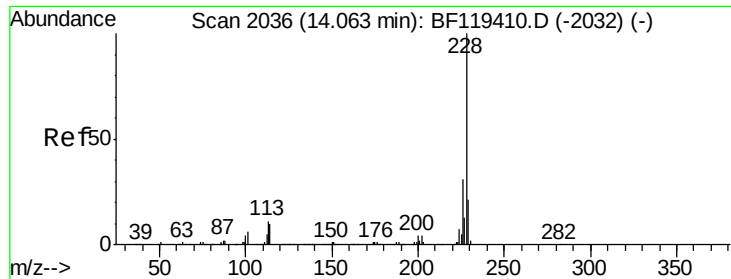
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#82
3,3'-Dichlorobenzidine
Concen: 51.175 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.2	76.8
126	11.9	9.6	14.4





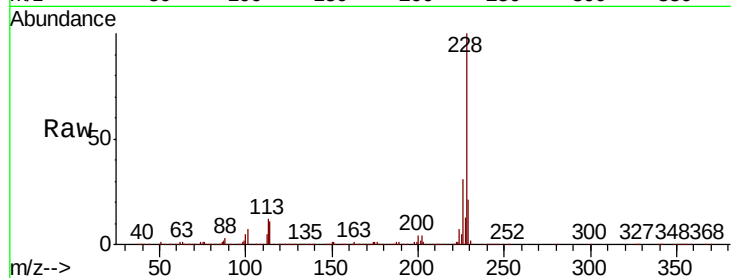
#83
Chrysene
Concen: 55.545 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

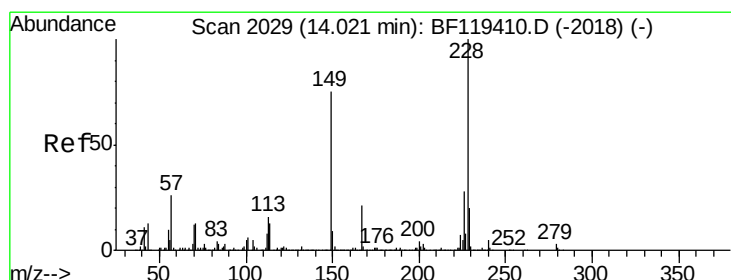
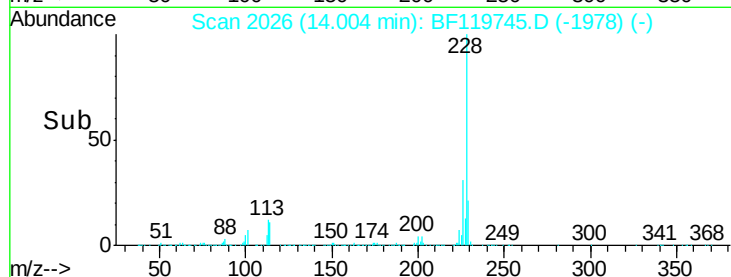
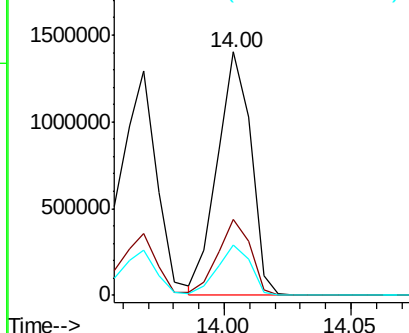
Tot Ion:228 Resp: 1288157
Ion Ratio Lower Upper
228 100
226 31.4 25.4 38.0
229 20.6 16.6 24.8

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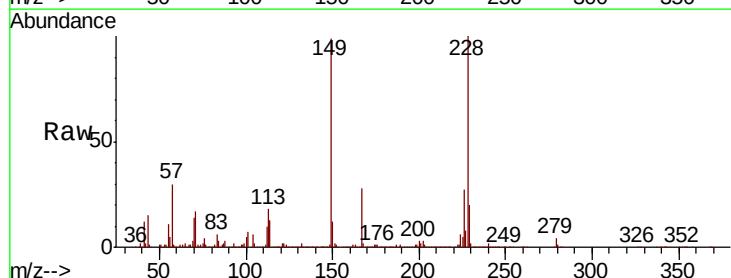


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

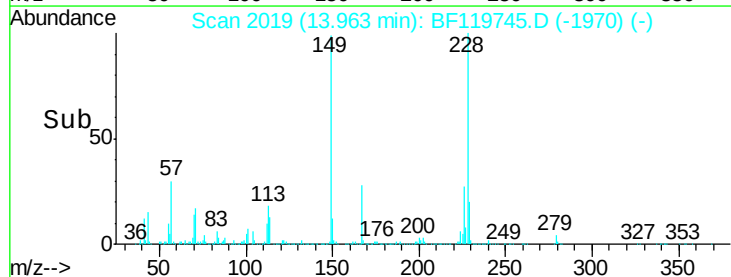
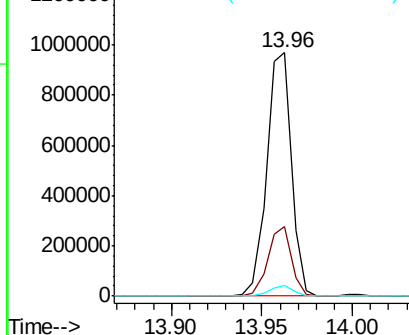


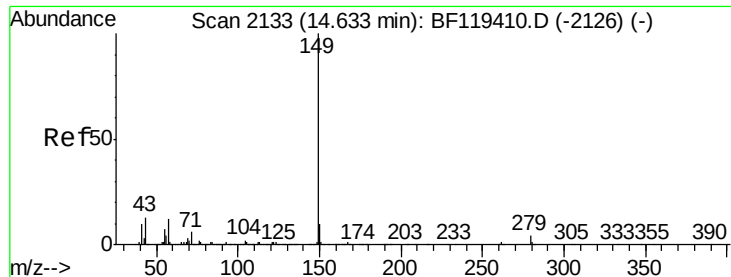
#84
Bis(2-ethylhexyl)phthalate
Concen: 66.834 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion:149 Resp: 913855
Ion Ratio Lower Upper
149 100
167 28.4 21.3 31.9
279 4.3 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 63.729 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:149 Resp: 1532522

Ion Ratio Lower Upper

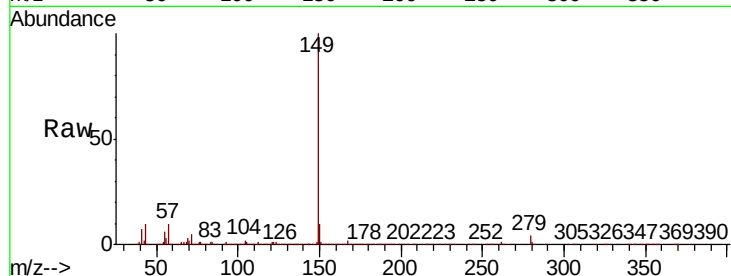
149 100

167 1.7 1.2 1.8

43 10.8 9.3 13.9

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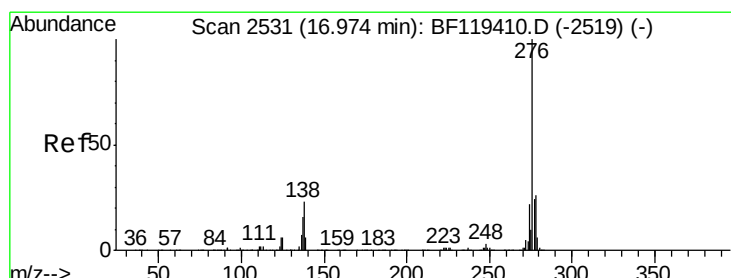
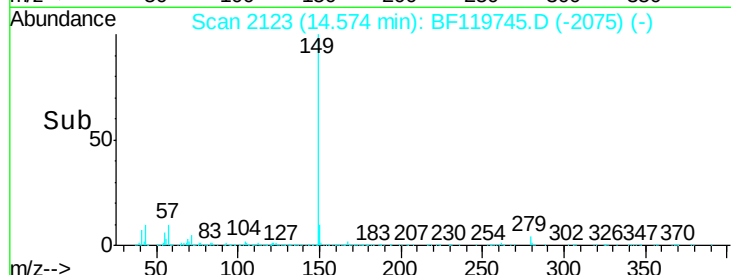
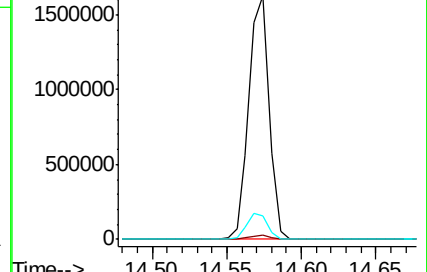
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 60.408 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

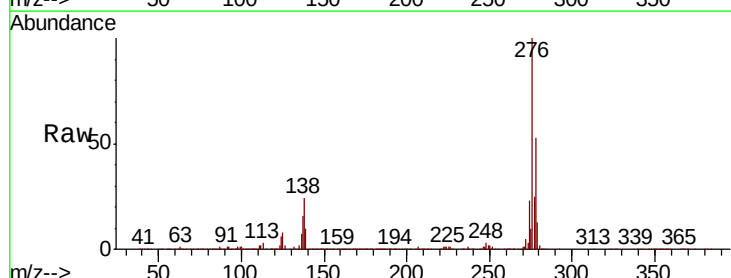
Tgt Ion:276 Resp: 1319411

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

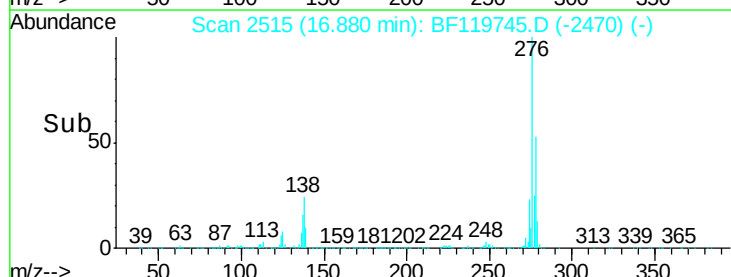
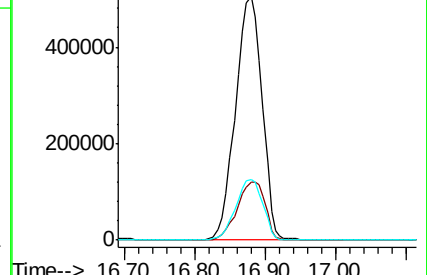
277 25.4 20.0 30.0

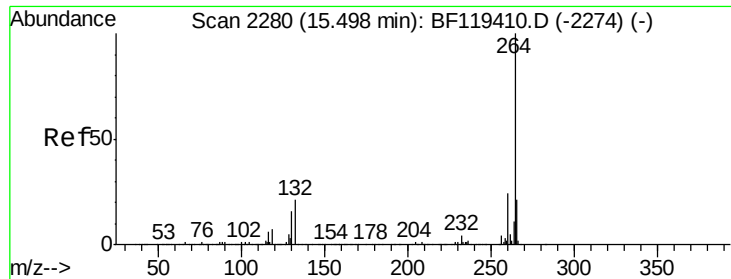


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





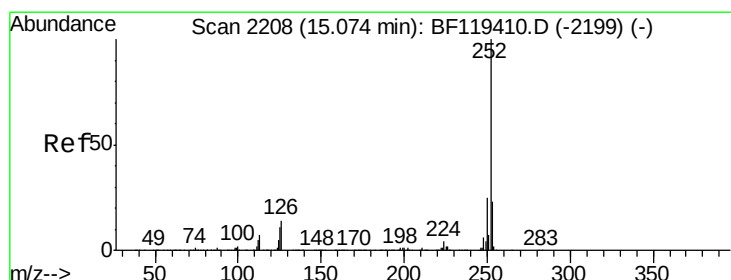
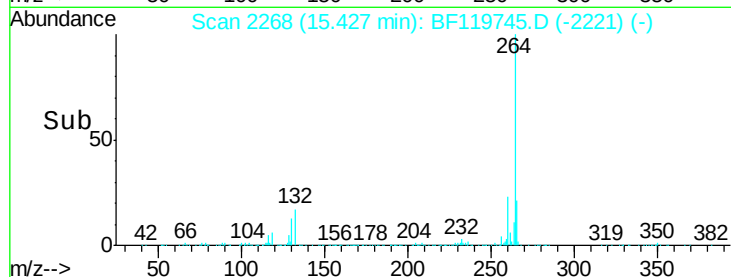
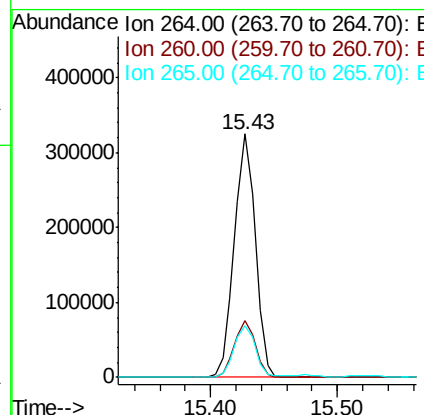
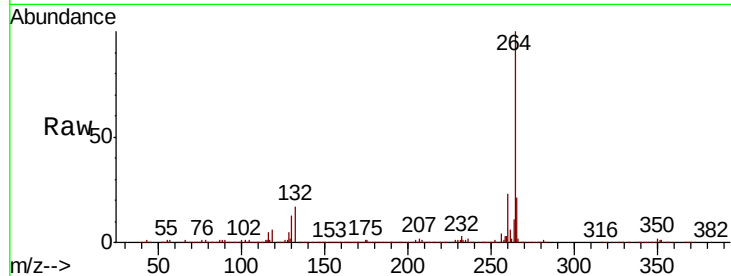
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.0	17.7	26.5

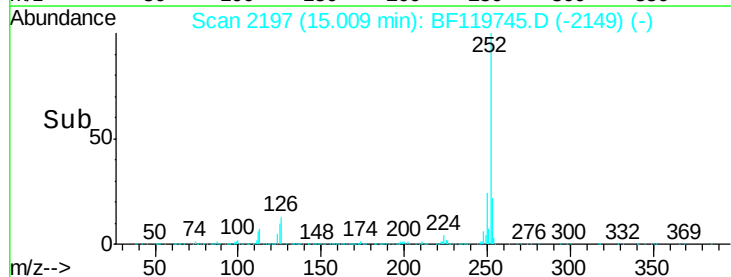
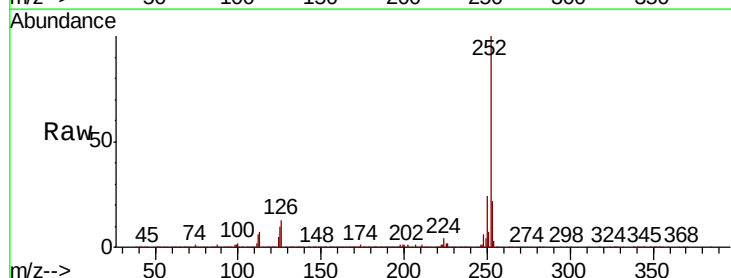
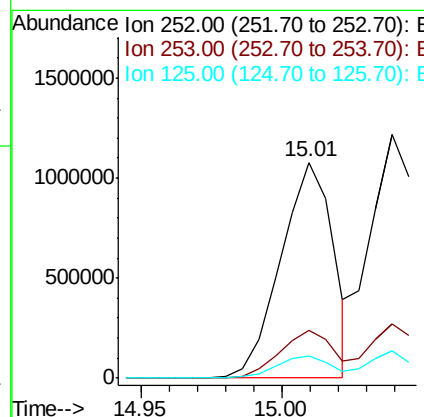
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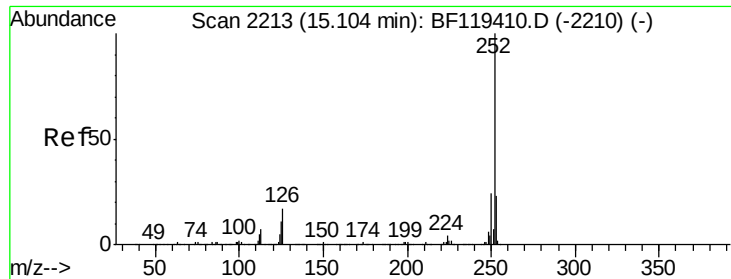
mohammad
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#88
Benzo(b)fluoranthene
Concen: 55.838 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.02 min
Lab File: BF119745.D
Acq: 4 Apr 2020 5:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.4	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 55.080 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:252 Resp: 1305314

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

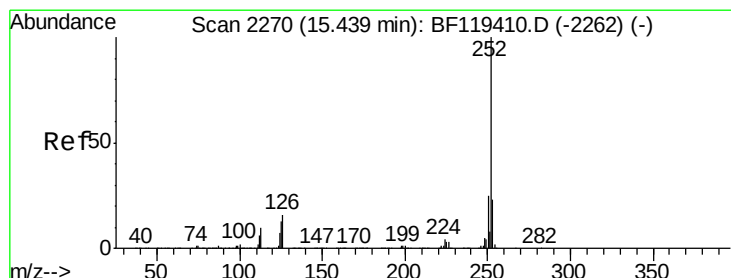
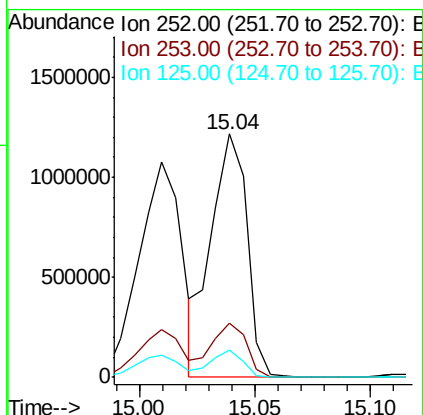
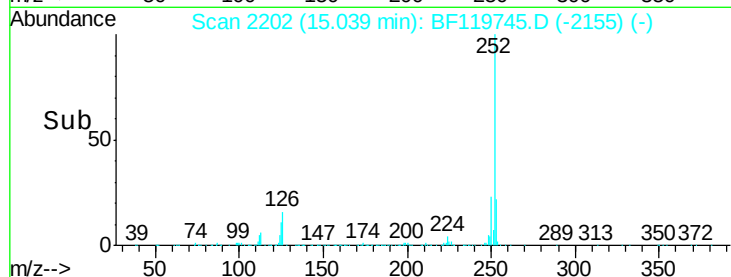
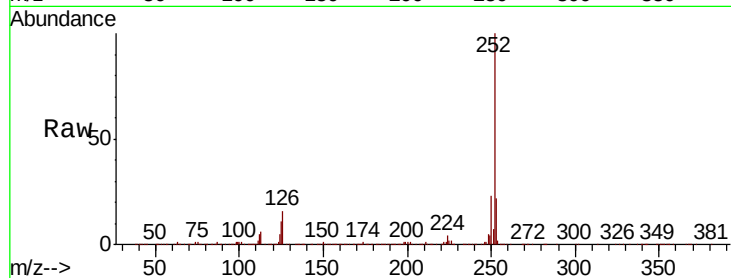
125 11.0 8.4 12.6

Manual Integrations

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#90

Benzo(a)pyrene

Concen: 56.031 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.03 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

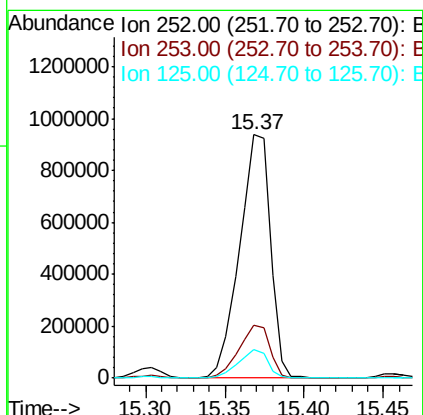
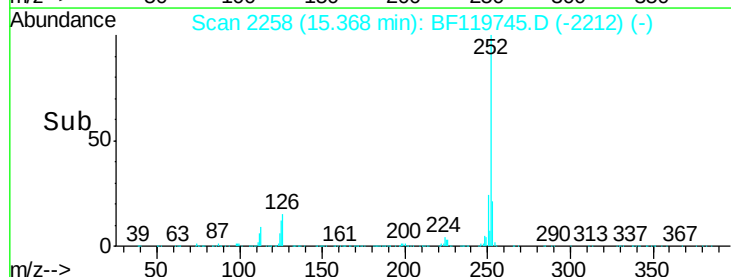
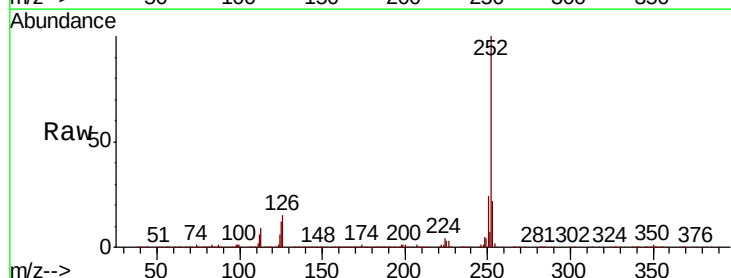
Tgt Ion:252 Resp: 1267304

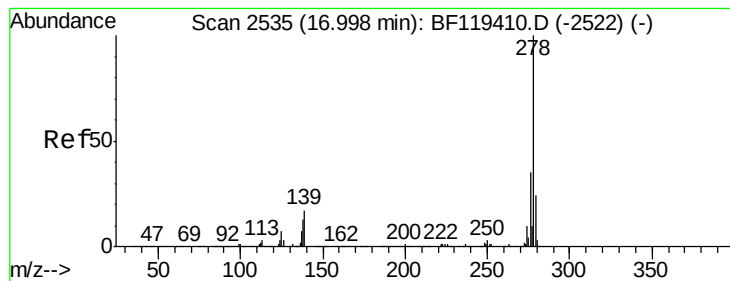
Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

125 11.6 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 55.294 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:278 Resp: 1093892

Ion Ratio Lower Upper

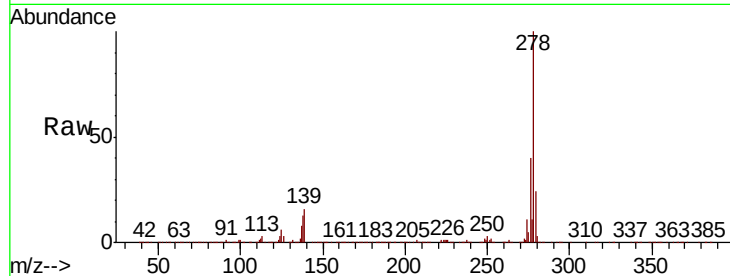
278 100

139 15.7 12.6 19.0

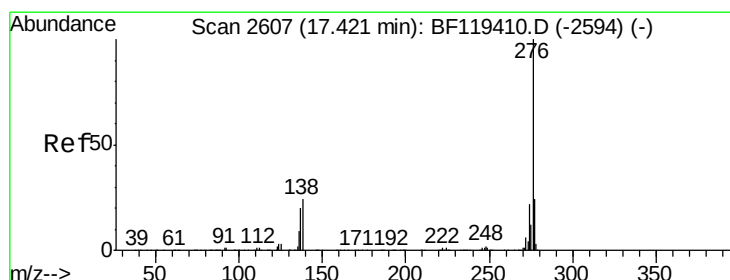
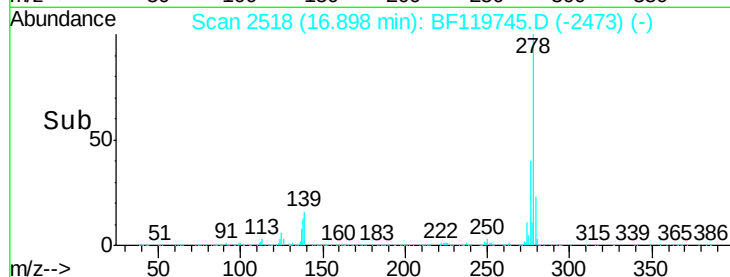
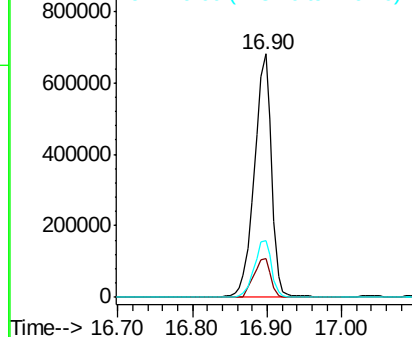
279 23.5 19.0 28.6

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



#92

Benzo(g,h,i)perylene

Concen: 53.547 ng

RT: 17.32 min Scan# 2589

Delta R.T. -0.04 min

Lab File: BF119745.D

Acq: 4 Apr 2020 5:20

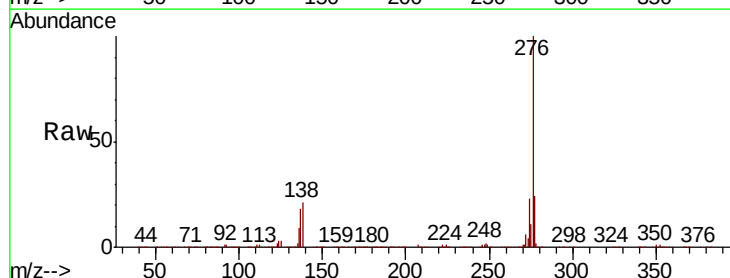
Tgt Ion:276 Resp: 1064226

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 20.8 15.4 23.0



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

