

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119969.D
 Acq On : 14 Apr 2020 23:03
 Operator : MA/SJ
 Sample : L2229-16MSD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Manual Integrations
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mohammad
 4/16/2020 12:51:32 PM

Quant Time: Apr 15 04:08:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	180274	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	712895	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	373352	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	738080	20.00	ng	0.00
76) Chrysene-d12	13.91	240	515828	20.00	ng	0.00
87) Perylene-d12	15.33	264	426783	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1218114	116.77	ng	0.02
7) Phenol-d6	6.37	99	1520839	113.15	ng	0.00
23) Nitrobenzene-d5	7.30	82	1082199	78.53	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	543385	118.87	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2216321	84.28	ng	0.00
79) Terphenyl-d14	12.86	244	2661142	86.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	153581	33.055	ng	# 81
3) Pyridine	3.25	79	257280	20.183	ng	92
4) n-Nitrosodimethylamine	3.18	42	236084	36.248	ng	91
6) Aniline	6.40	93	304930	17.284	ng	# 85
8) 2-Chlorophenol	6.52	128	526563	45.178	ng	98
9) Benzaldehyde	6.28	77	72405	4.757	ng	100
10) Phenol	6.39	94	585849	38.418	ng	93
11) bis(2-Chloroethyl)ether	6.47	93	497248	42.232	ng	99
12) 1,3-Dichlorobenzene	6.67	146	455990	35.735	ng	98
13) 1,4-Dichlorobenzene	6.76	146	461803	35.528	ng	97
14) 1,2-Dichlorobenzene	6.91	146	443850	37.052	ng	96
15) Benzyl Alcohol	6.89	79	444755	42.601	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	863128	37.672	ng	94
17) 2-Methylphenol	7.00	107	459564	44.183	ng	99
18) Hexachloroethane	7.25	117	171728	35.351	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	386333	44.696	ng	96
20) 3+4-Methylphenols	7.15	107	549605	43.204	ng	93
22) Acetophenone	7.15	105	721798	43.238	ng	99
24) Nitrobenzene	7.32	77	566013	40.831	ng	100
25) Isophorone	7.56	82	1106704	41.662	ng	99
26) 2-Nitrophenol	7.64	139	293610	42.395	ng	97
27) 2,4-Dimethylphenol	7.68	122	482559	46.200	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	689150	44.088	ng	99
29) 2,4-Dichlorophenol	7.88	162	483386	45.149	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	456010	37.590	ng	99
31) Naphthalene	8.05	128	1505050	40.127	ng	99
32) Benzoic acid	7.82	122	366005	39.898	ng	93
33) 4-Chloroaniline	8.09	127	214663	13.147	ng	96
34) Hexachlorobutadiene	8.16	225	247535	34.087	ng	99
35) Caprolactam	8.47	113	123546m	37.723	ng	
36) 4-Chloro-3-methylphenol	8.59	107	552183	47.637	ng	95
37) 2-Methylnaphthalene	8.74	142	1087171	42.753	ng	99
38) 1-Methylnaphthalene	8.84	142	1037950	43.306	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	477179	40.466	ng	99

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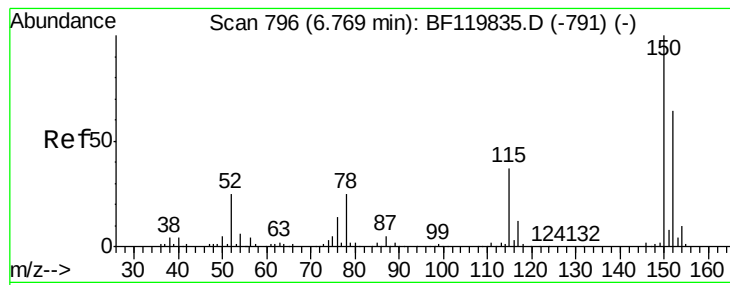
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	476435	71.052	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	366118	44.961	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	416207	45.381	nq	98
46) 1,1'-Biphenyl	9.20	154	1357145	43.066	nq	99
47) 2-Chloronaphthalene	9.23	162	1059814	43.657	nq	98
48) 2-Nitroaniline	9.33	65	408355	46.418	nq	97
49) Acenaphthylene	9.65	152	1705459	46.194	nq	100
50) Dimethylphthalate	9.52	163	1420410	49.186	nq	99
51) 2,6-Dinitrotoluene	9.57	165	302516	47.837	nq	94
52) Acenaphthene	9.82	154	1211236m	49.182	nq	
53) 3-Nitroaniline	9.73	138	202441	28.029	nq	99
54) 2,4-Dinitrophenol	9.85	184	325664	86.016	nq	# 90
55) Dibenzofuran	9.99	168	1558470	46.115	nq	99
56) 4-Nitrophenol	9.91	139	449336	83.615	nq	95
57) 2,4-Dinitrotoluene	9.97	165	396957	47.644	nq	92
58) Fluorene	10.33	166	1230474	45.527	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	344429	49.103	nq	98
60) Diethylphthalate	10.21	149	1376799	46.000	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	587166	42.387	nq	96
62) 4-Nitroaniline	10.36	138	318624	46.291	nq	99
63) Azobenzene	10.49	77	1270331	47.359	nq	96
65) 4,6-Dinitro-2-methylphenol	10.39	198	216460	44.516	nq	95
66) n-Nitrosodiphenylamine	10.45	169	1134904	46.235	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	369293	40.233	nq	95
68) Hexachlorobenzene	10.88	284	401448	43.113	nq	95
69) Atrazine	10.97	200	291767	42.721	nq	98
70) Pentachlorophenol	11.07	266	445903	83.098	nq	99
71) Phenanthrene	11.29	178	1801063	45.850	nq	97
72) Anthracene	11.34	178	1841420	45.888	nq	100
73) Carbazole	11.50	167	1751637	46.159	nq	99
74) Di-n-butylphthalate	11.83	149	2205667	44.214	nq	99
75) Fluoranthene	12.48	202	1980620	46.730	nq	99
77) Benzidine	12.60	184	62201	3.567	nq	96
78) Pyrene	12.71	202	1981596	45.569	nq	98
80) Butylbenzylphthalate	13.33	149	930631	44.105	nq	97
81) Benzo(a)anthracene	13.90	228	1543249	45.477	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	374100	29.546	nq	97
83) Chrysene	13.93	228	1624413	47.111	nq	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1210873	42.376	nq	# 99
85) Di-n-octyl phthalate	14.50	149	2206455	45.351	nq	98
86) Indeno(1,2,3-cd)pyrene	16.72	276	1333334	43.868	nq	97
88) Benzo(b)fluoranthene	14.93	252	1512463	49.263	nq	99
89) Benzo(k)fluoranthene	14.96	252	1301533	49.133	nq	99
90) Benzo(a)pyrene	15.27	252	1231958	47.724	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	1102560	48.219	nq	99
92) Benzo(g,h,i)perylene	17.14	276	1083327	47.997	nq	# 95

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



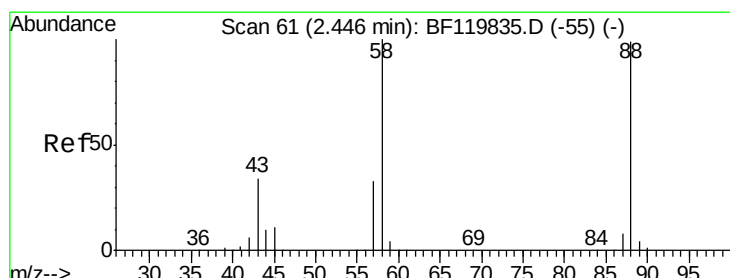
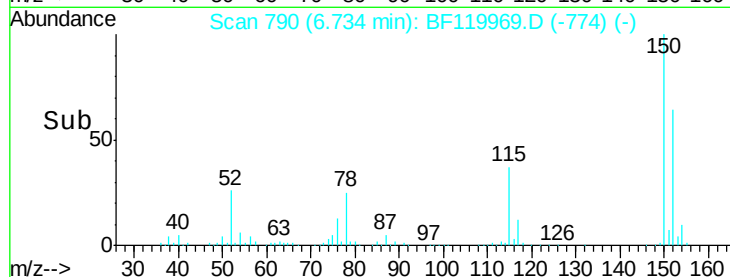
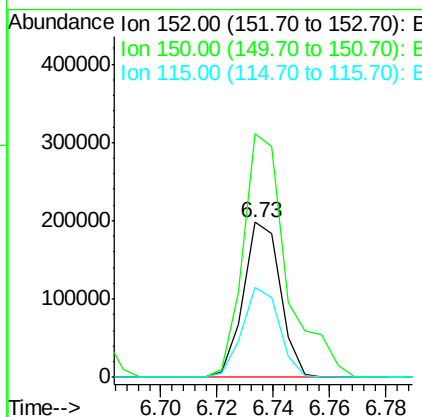
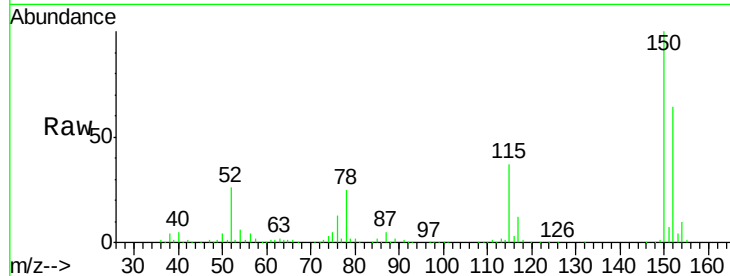
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.8	187.2
115	58.6	46.5	69.7

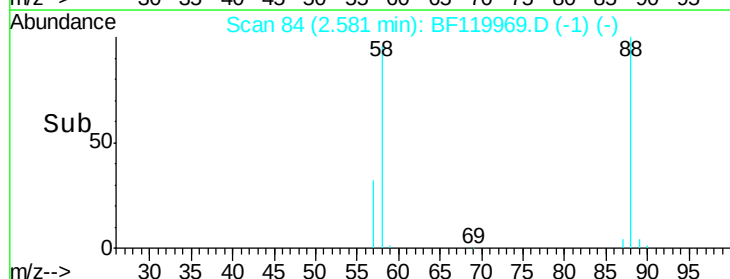
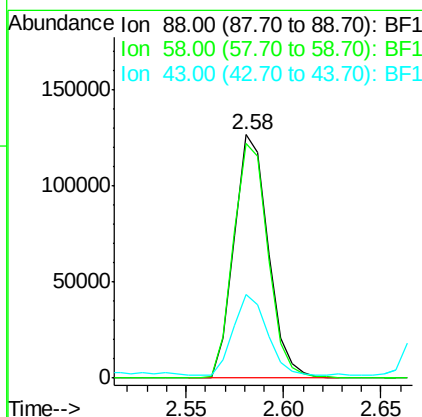
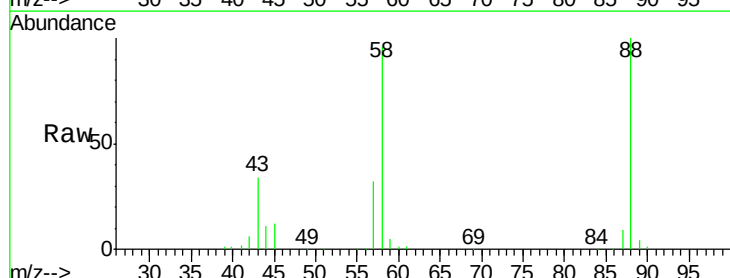
Manual Integrations
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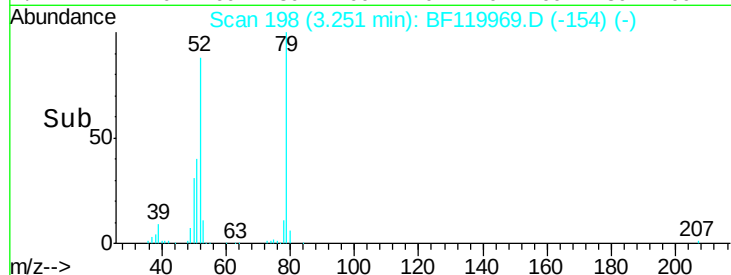
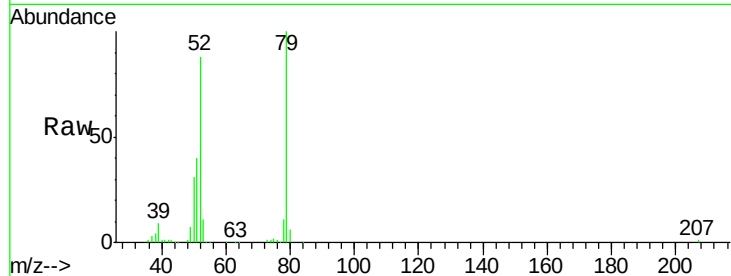
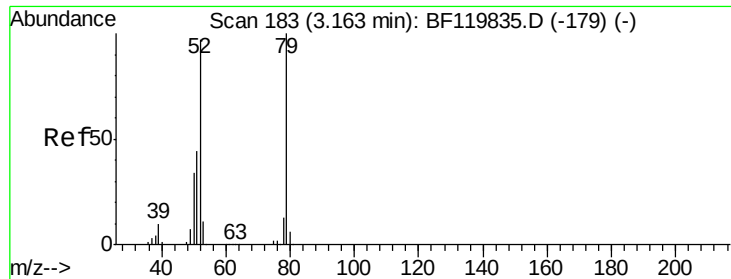
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#2
 1,4-Dioxane
 Concen: 33.055 ng
 RT: 2.58 min Scan# 84
 Delta R.T. 0.19 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	82.6	123.8
43	0.0	28.6	42.8#





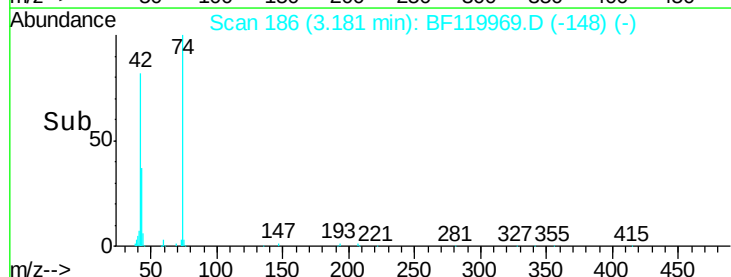
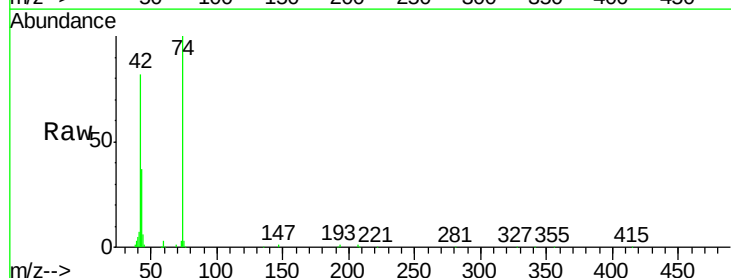
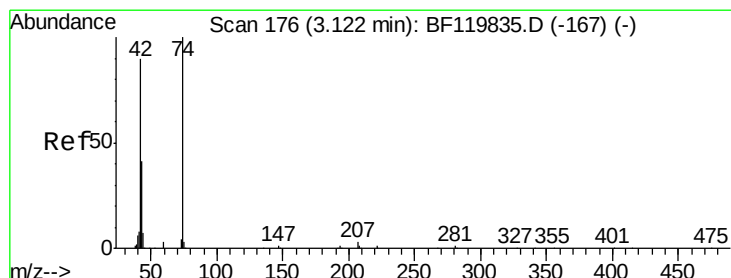
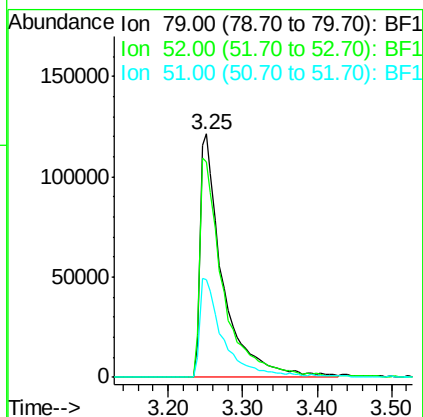
#3
 Pvridine
 Concen: 20.183 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.16 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		257280		
52	88.3	77.4	116.0		
51	40.3	35.3	52.9		

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

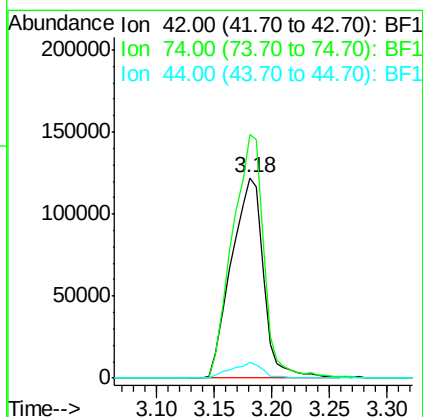
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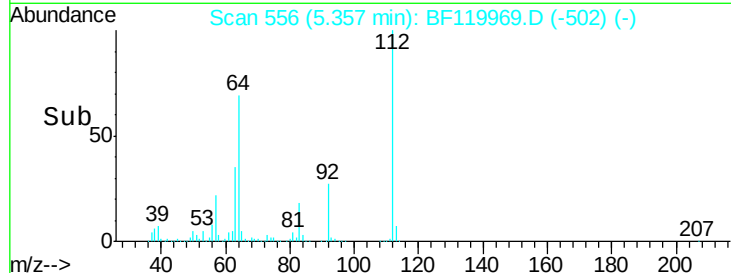
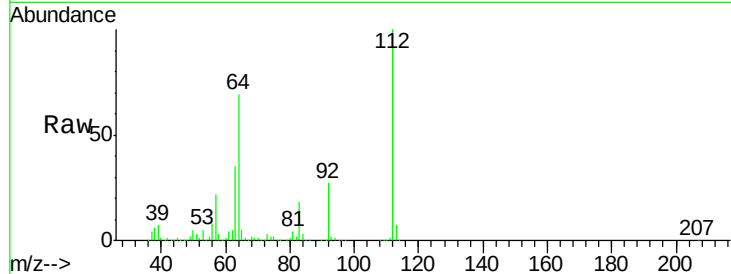
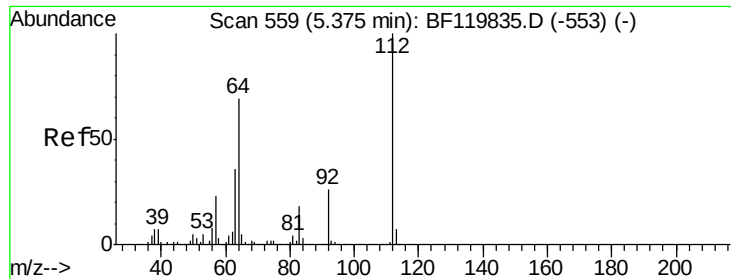
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#4
 n-Nitrosodimethylamine
 Concen: 36.248 ng
 RT: 3.18 min Scan# 186
 Delta R.T. 0.12 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		236084		
74	121.6	89.0	133.4		
44	7.7	6.2	9.4		





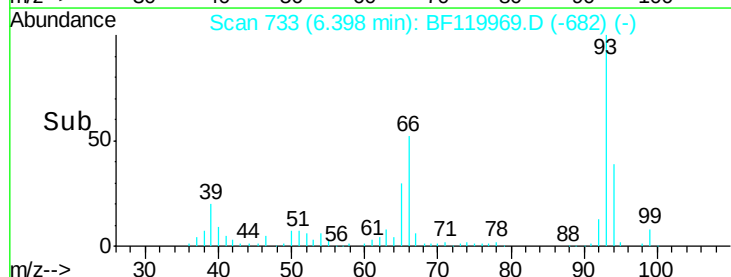
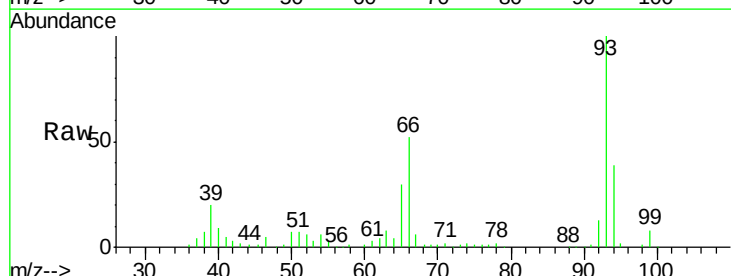
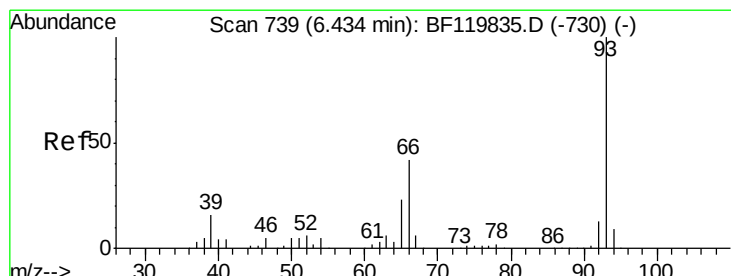
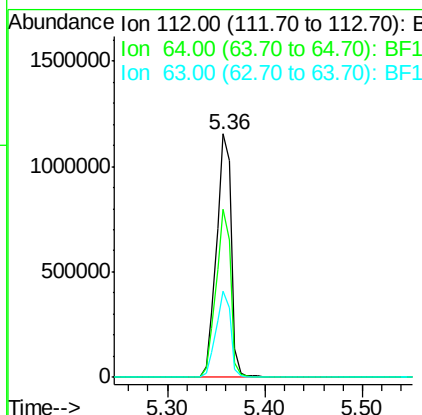
#5
2-Fluorophenol
Concen: 116.774 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tot Ion	Ratio	Lower	Upper
112	100		
64	69.2	55.5	83.3
63	35.2	29.1	43.7

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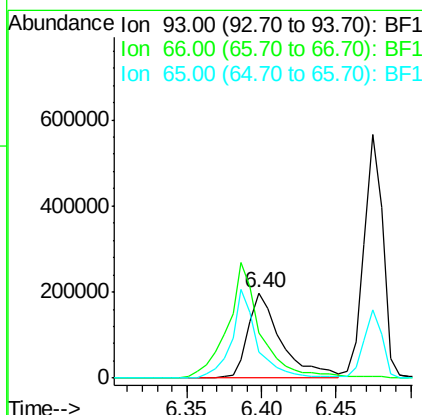
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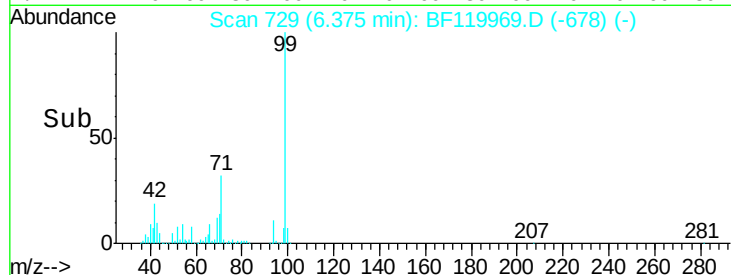
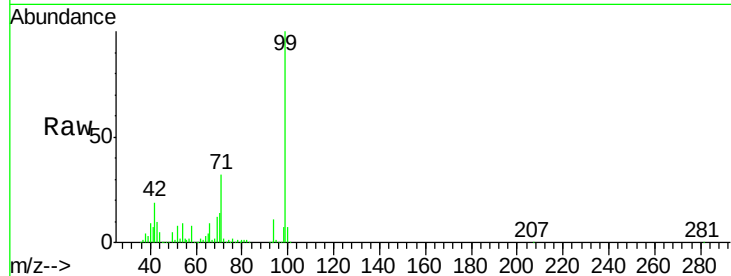
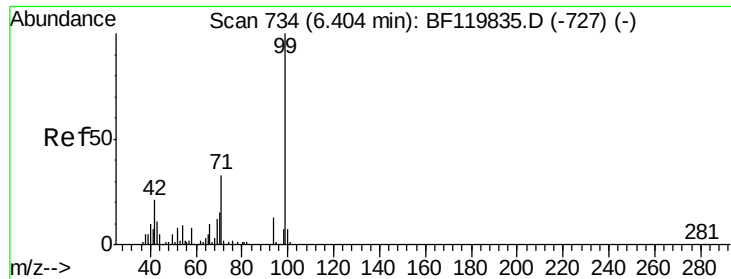
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#6
Aniline
Concen: 17.284 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
93	100		
66	52.3	34.2	51.2#
65	30.0	18.3	27.5#





#7

Phenol-d6

Concen: 113.146 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tot Ion:	99	Resp:	1520839
Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.9	25.3
71	32.3	26.3	39.5

Instrument :

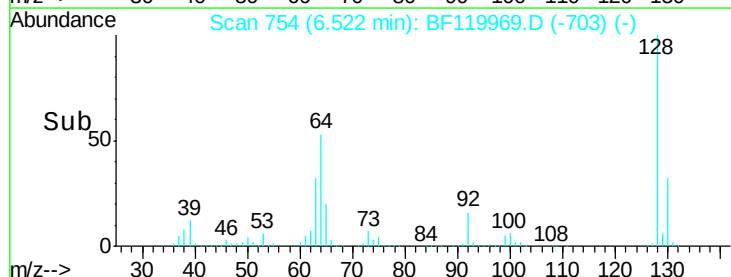
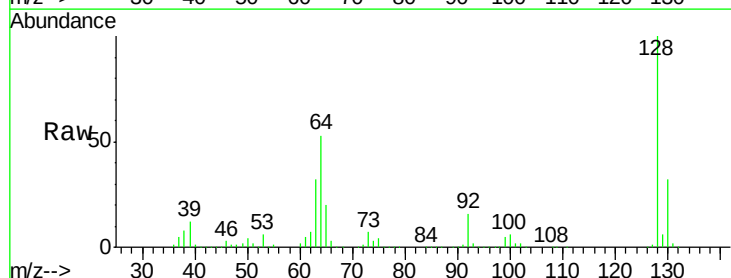
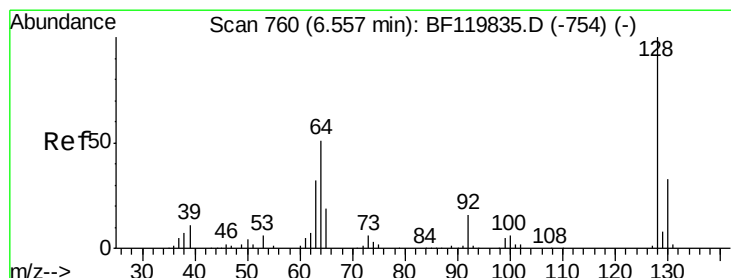
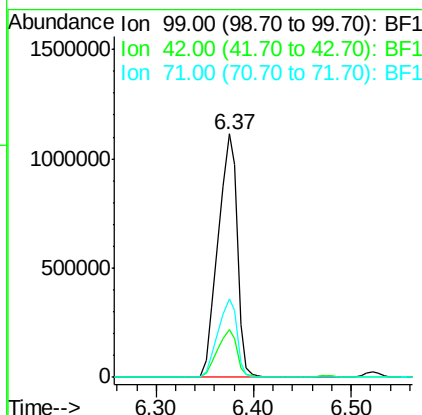
BNA_F

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#8

2-Chlorophenol

Concen: 45.178 ng

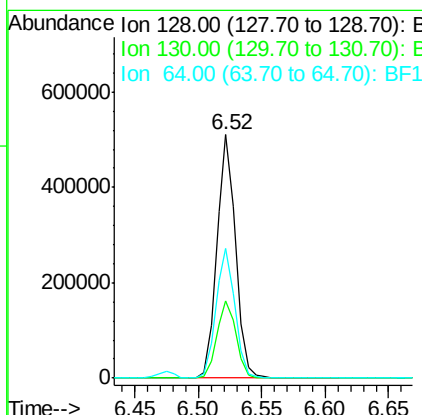
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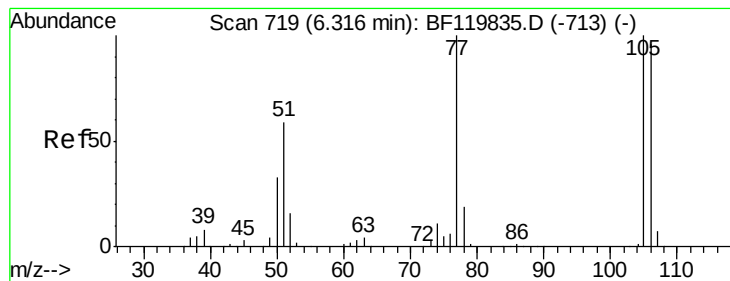
Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion:	128	Resp:	526563
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.6	52.6
64	53.2	32.0	72.0





#9

Benzaldehyde

Concen: 4.757 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

ClientSampled :

TP-32MSD

Tot Ion: 77 Resp: 72405

Ion Ratio Lower Upper

77 100

105 99.9 79.9 119.9

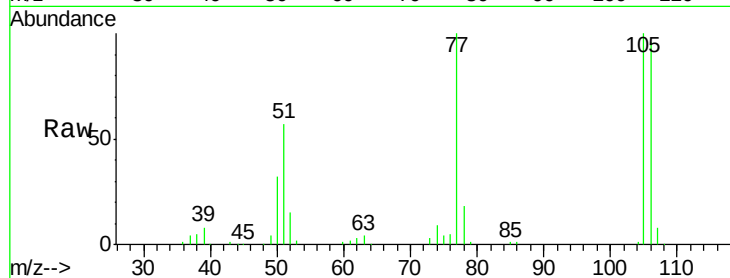
106 96.1 76.4 116.4

Manual Integrations

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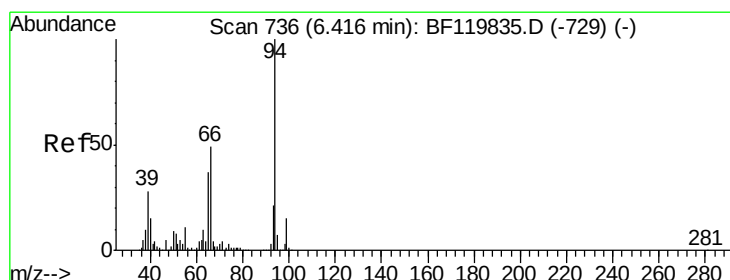
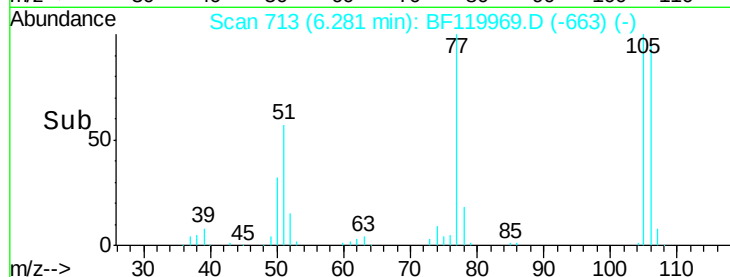
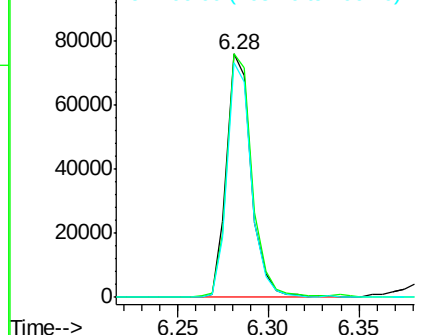
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.418 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

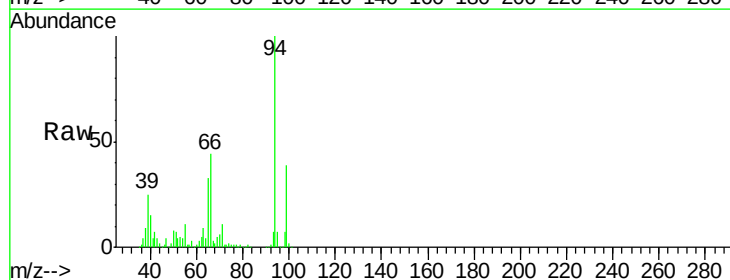
Tgt Ion: 94 Resp: 585849

Ion Ratio Lower Upper

94 100

65 33.5 16.6 56.6

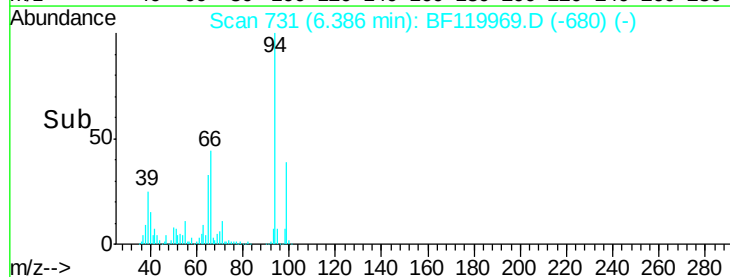
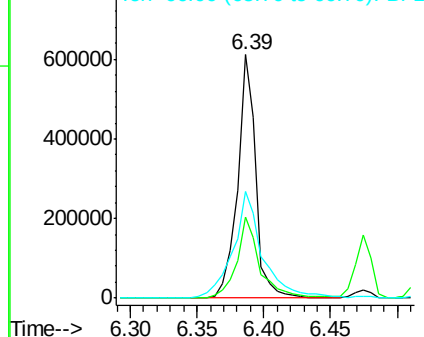
66 43.9 29.3 69.3

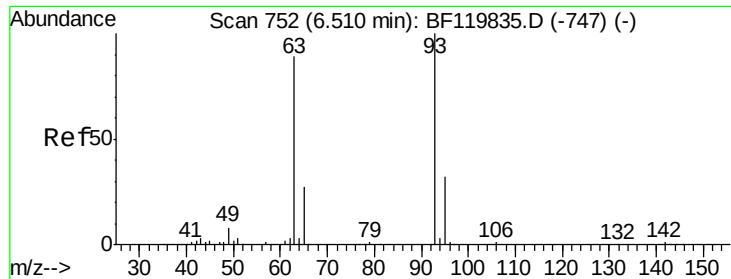


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.232 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

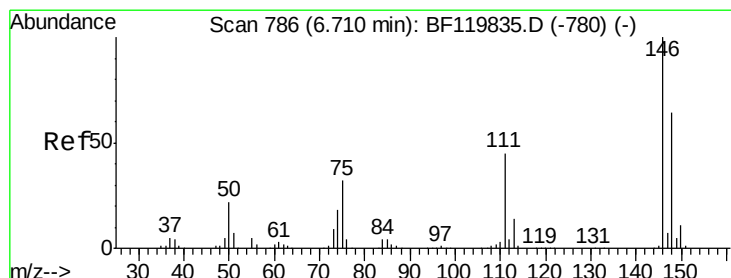
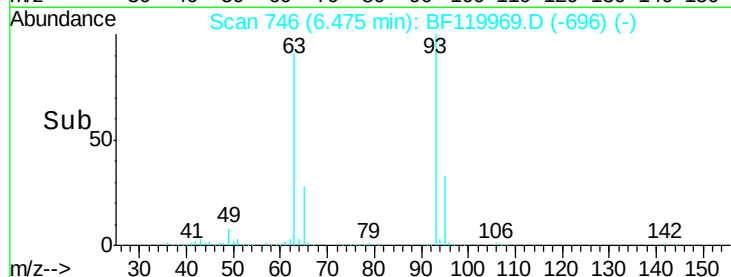
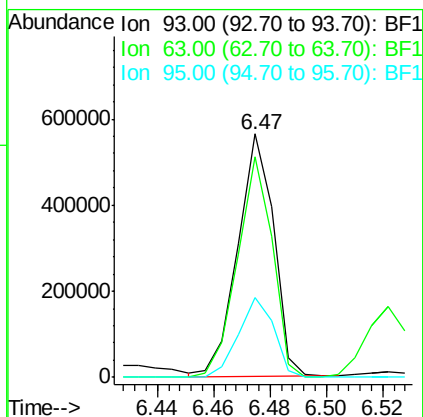
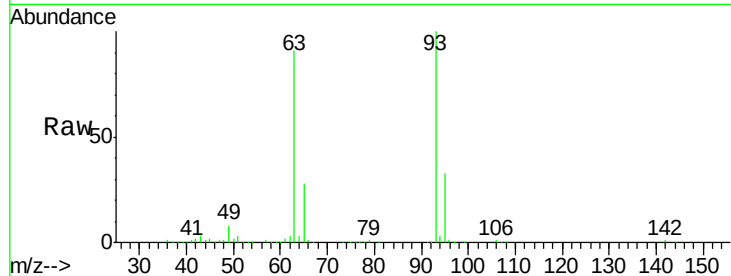
ClientSampleId :

TP-32MSD

Tot Ion:	93	Resp:	497248
Ion Ratio	Lower	Upper	
93	100		
63	90.6	69.1	109.1
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 35.735 ng

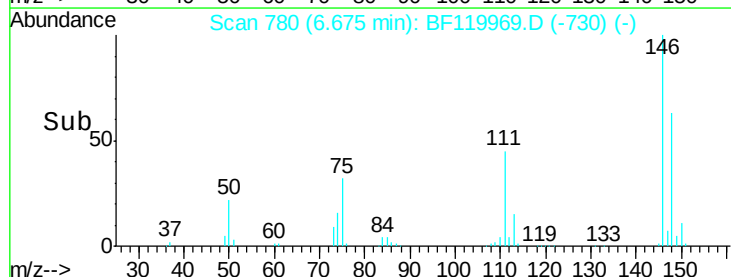
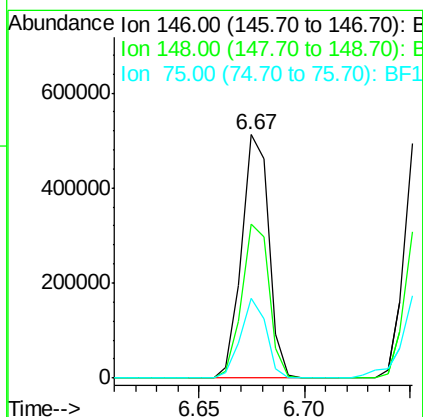
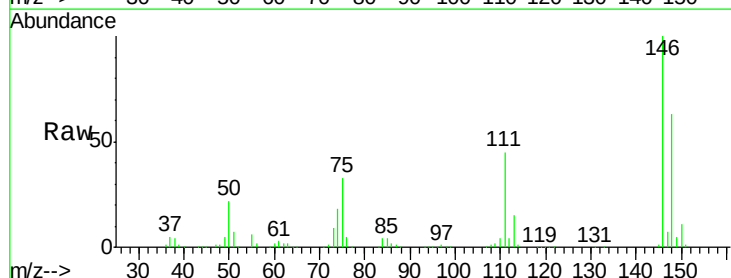
RT: 6.67 min Scan# 780

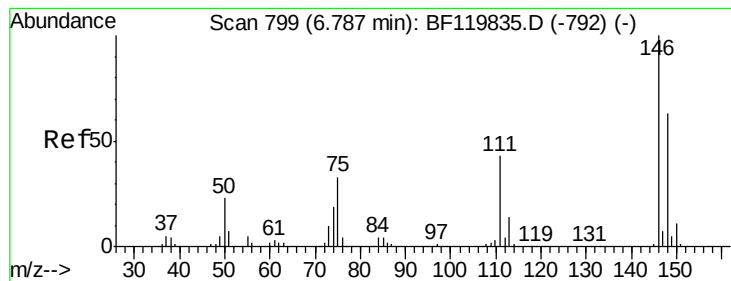
Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion:	146	Resp:	455990
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.3	76.9
75	32.9	25.3	37.9





#13

1,4-Dichlorobenzene

Concen: 35.528 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

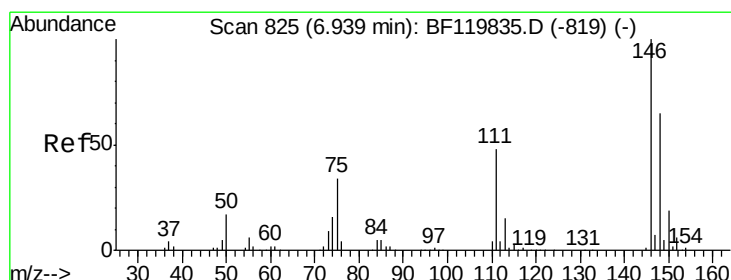
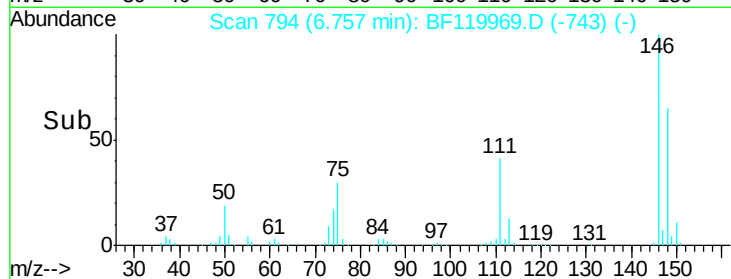
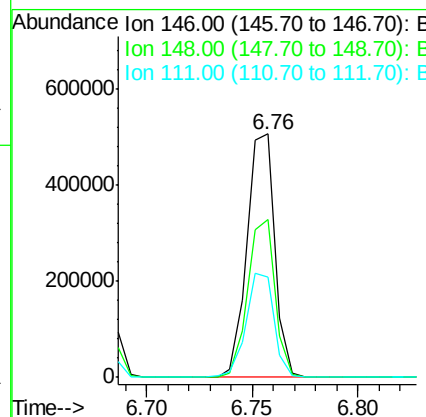
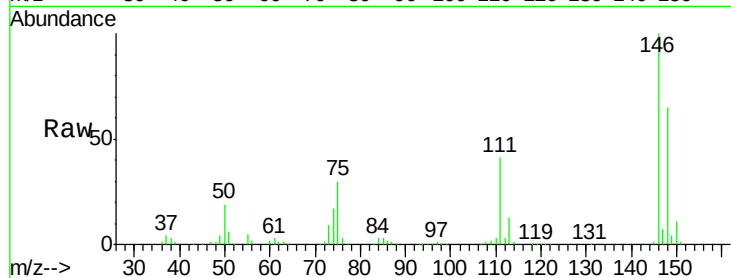
ClientSampleId :

TP-32MSD

Tot Ion:	146	Resp:	461803
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.5	75.7
111	41.3	34.7	52.1

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.052 ng

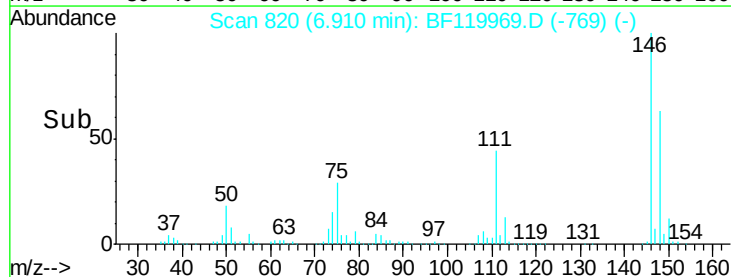
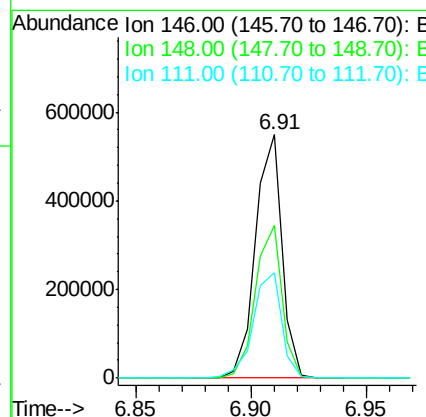
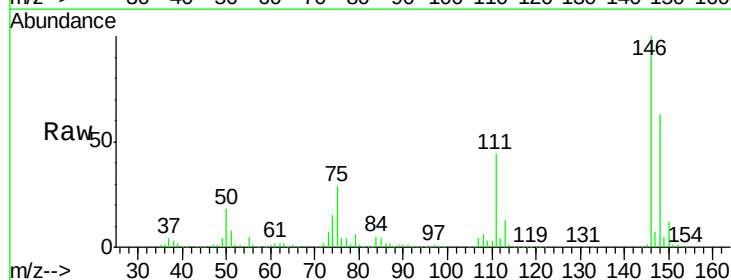
RT: 6.91 min Scan# 820

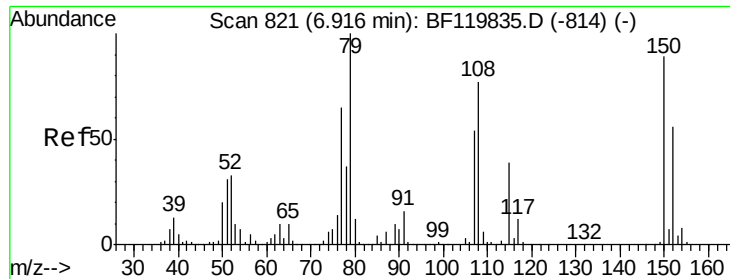
Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion:	146	Resp:	443850
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.8	77.8
111	43.5	38.0	57.0





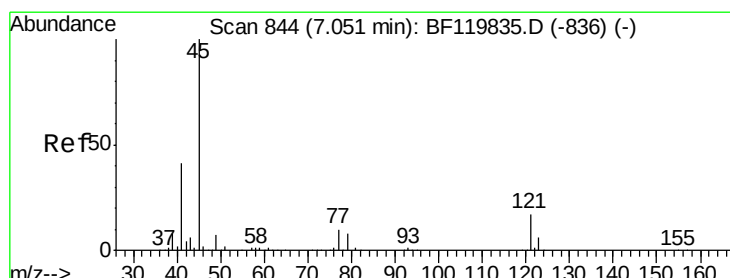
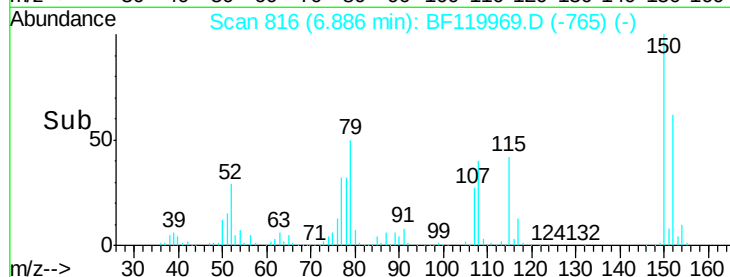
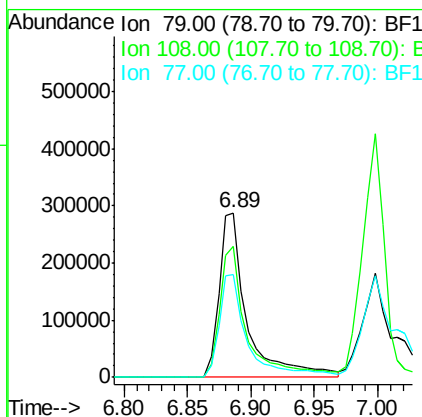
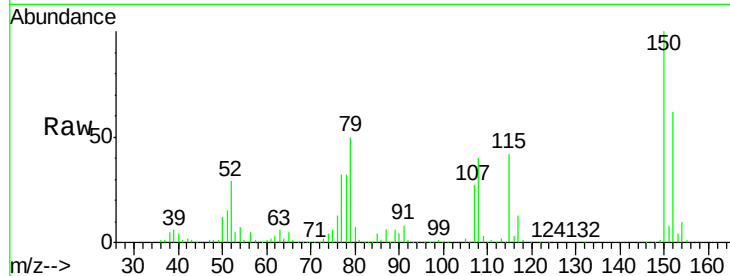
#15
Benzyl Alcohol
Concen: 42.601 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampled :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	62.0	93.0
77	62.7	51.8	77.6

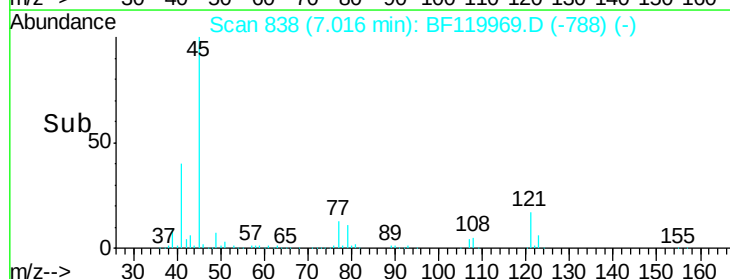
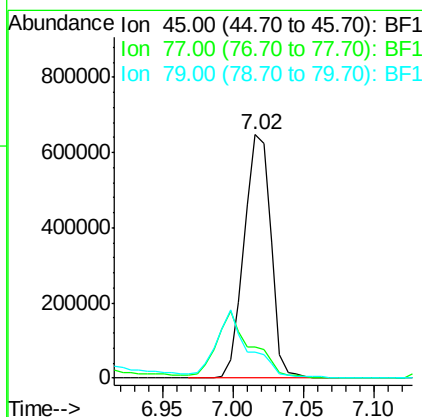
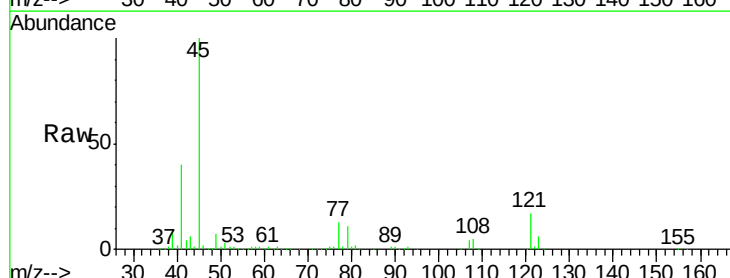
Manual Integrations
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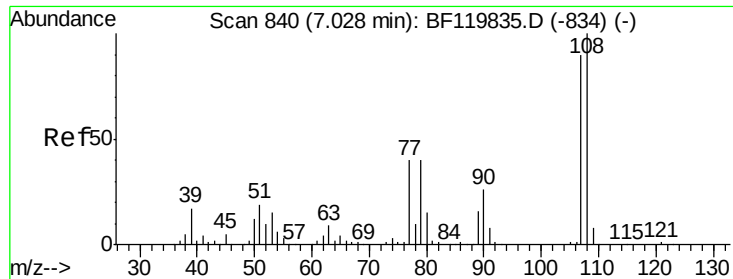
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.672 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	30.7
79	10.9	0.0	28.6





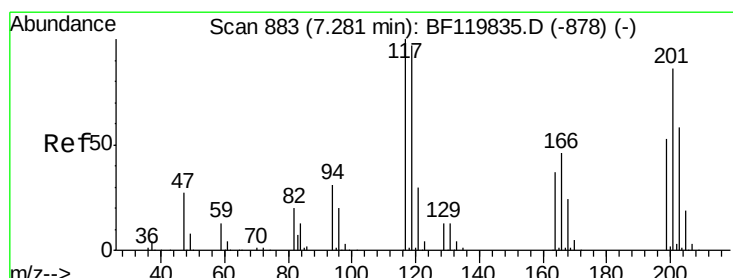
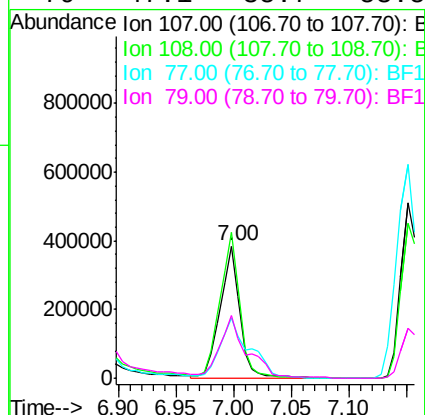
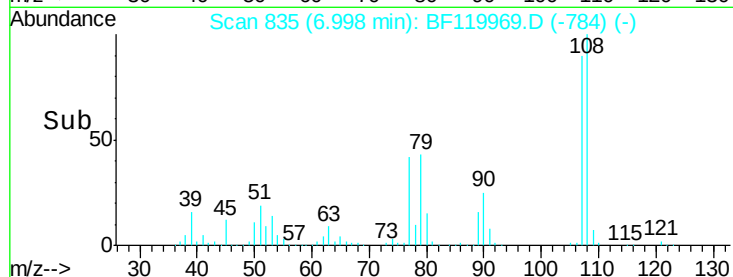
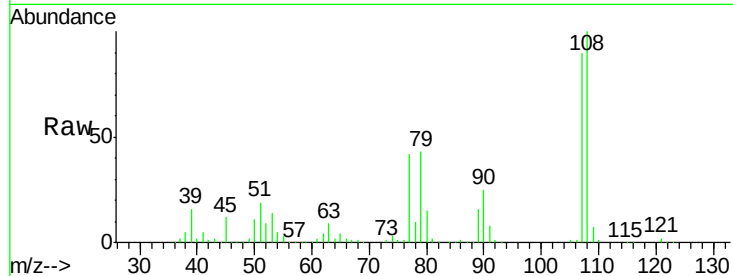
#17
2-Methylphenol
Concen: 44.183 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion:	107	Resp:	459564
Ion Ratio	Lower	Upper	
107	100		
108	110.9	88.8	133.2
77	46.1	36.0	54.0
79	47.1	35.7	53.5

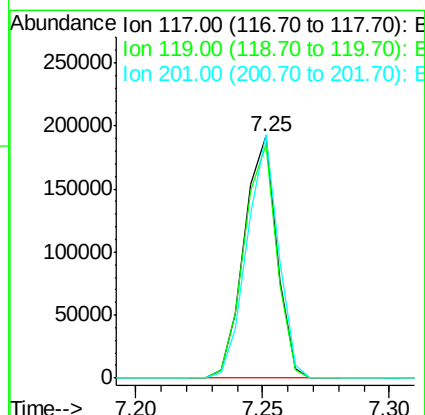
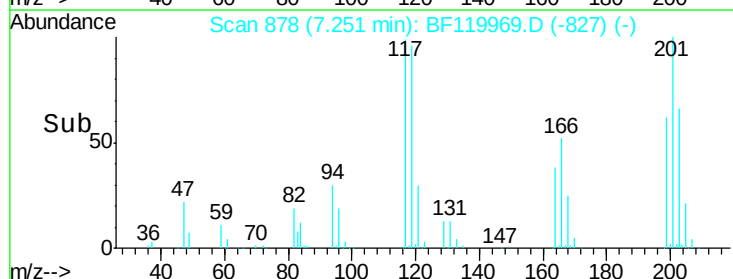
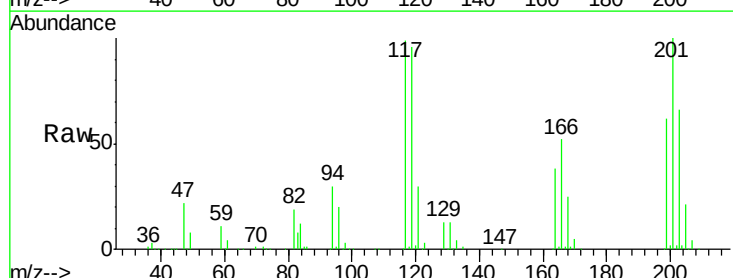
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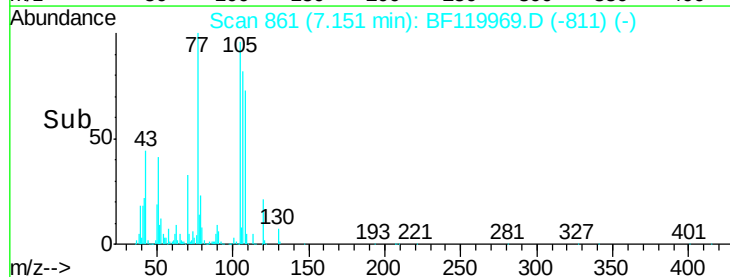
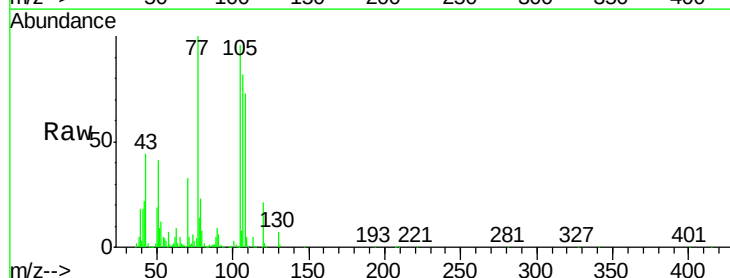
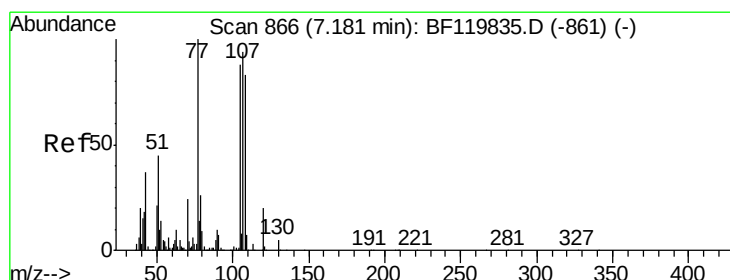
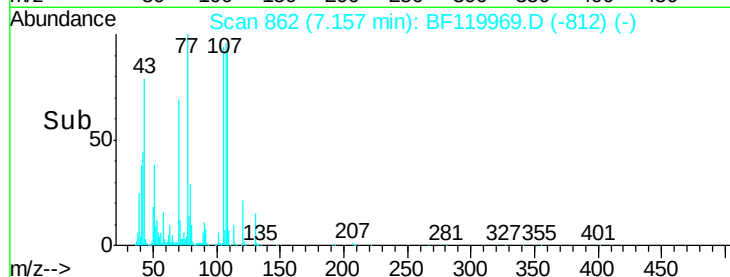
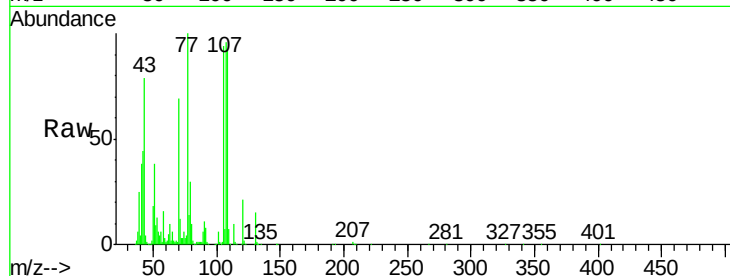
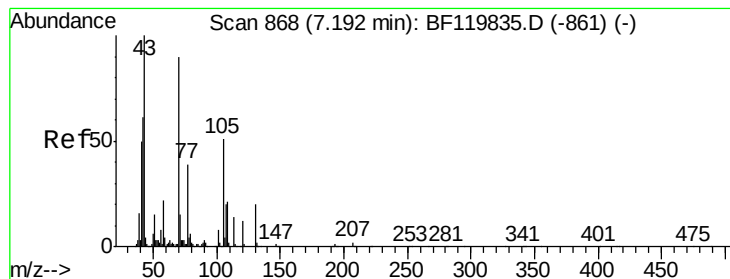
mohammad
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#18
Hexachloroethane
Concen: 35.351 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion:	117	Resp:	171728
Ion Ratio	Lower	Upper	
117	100		
119	96.2	77.4	116.0
201	100.6	68.4	102.6





#19

n-Nitroso-di-n-propylamine

Concen: 44.696 ng

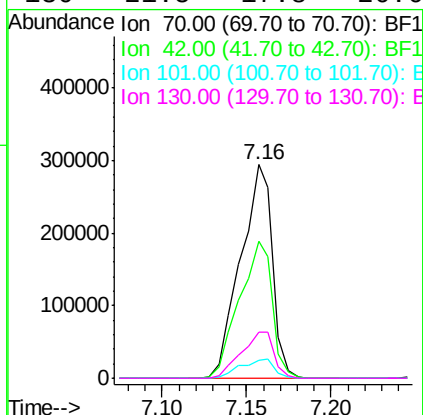
RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	54.2	81.4	
101	8.6	7.4	11.2	
130	21.5	17.8	26.6	



Instrument :

BNA_F

ClientSampleId :

TP-32MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 43.204 ng

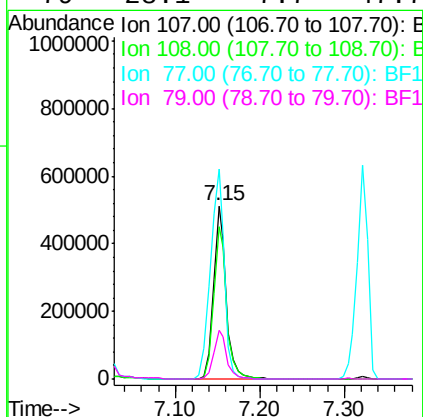
RT: 7.15 min Scan# 861

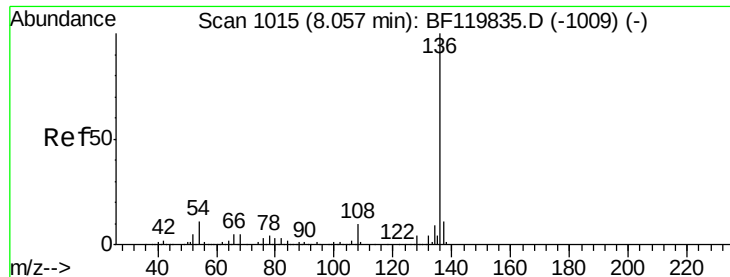
Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.3	68.2	108.2	
77	121.4	86.6	126.6	
79	28.1	7.7	47.7	





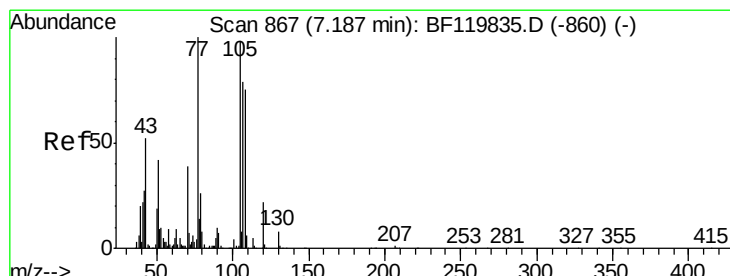
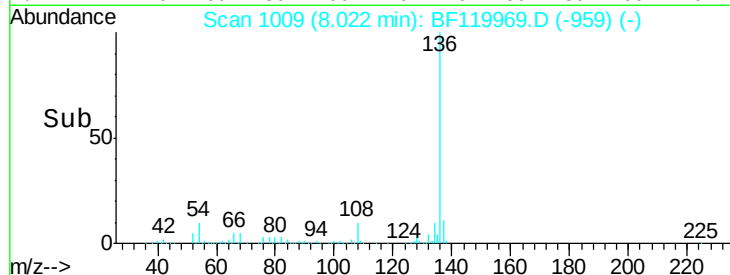
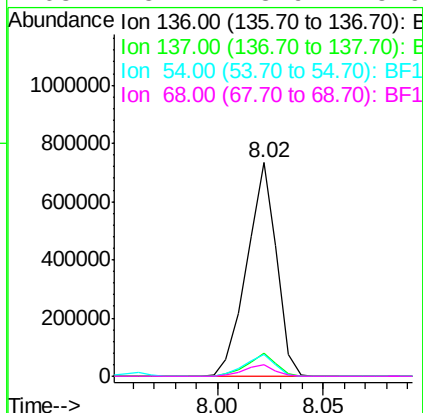
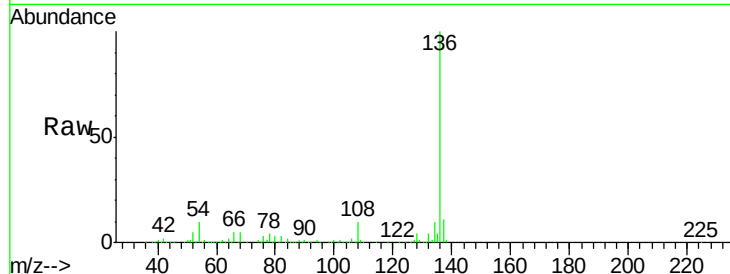
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	712895		
137	10.9	8.7	13.1	
54	10.2	8.5	12.7	
68	5.2	3.9	5.9	

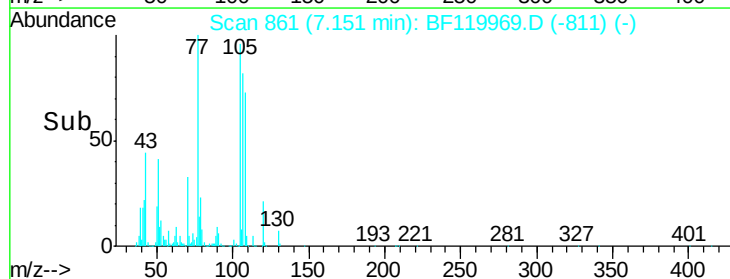
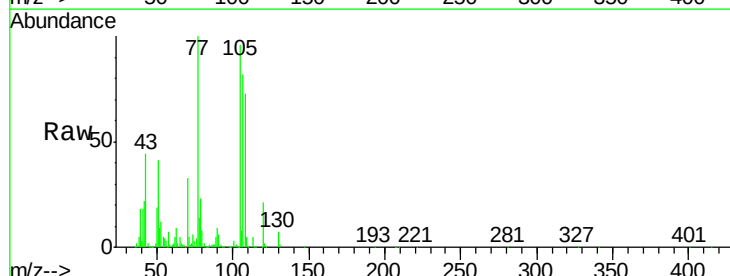
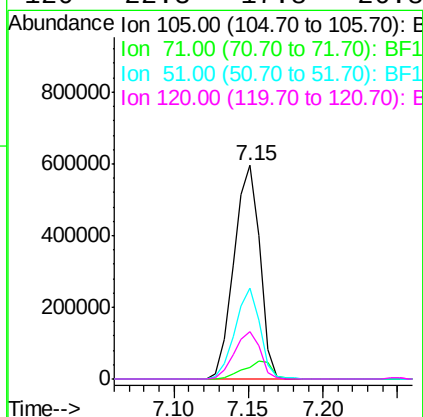
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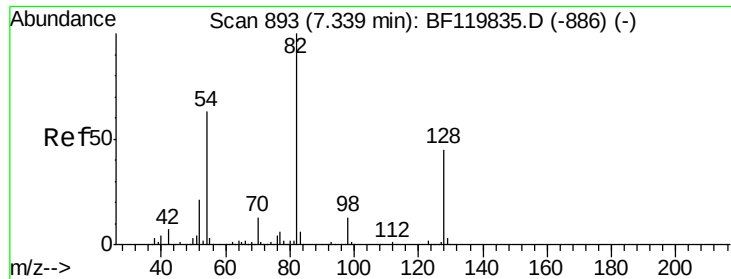
mohammad
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#22
Acetophenone
Concen: 43.238 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	721798		
71	5.6	5.6	8.4	
51	42.8	33.9	50.9	
120	22.3	17.8	26.8	





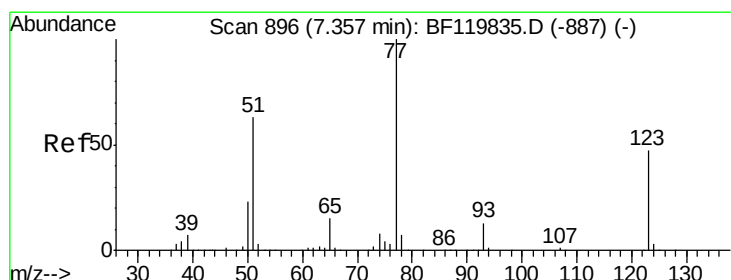
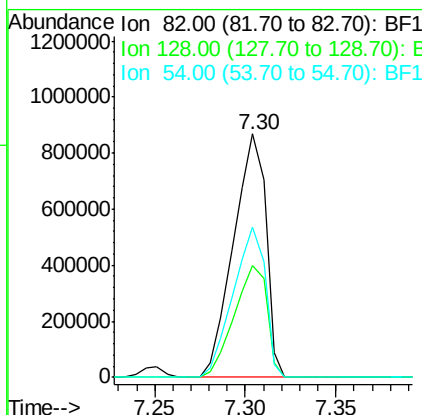
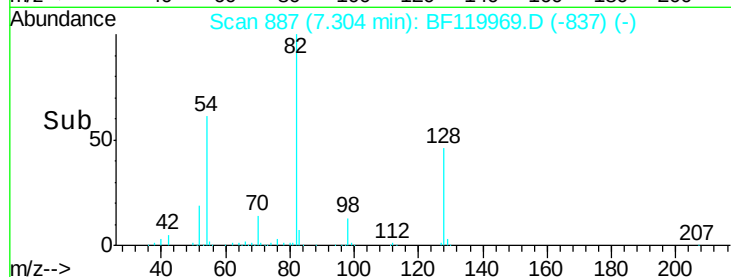
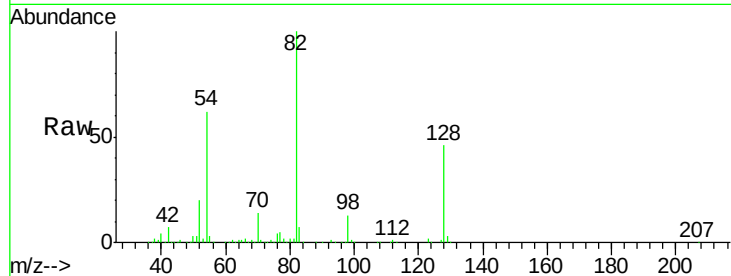
#23
 Nitrobenzene-d5
 Concen: 78.533 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	82	Resp	1082199
Ion Ratio	100	Lower	Upper
128	45.9	36.2	54.4
54	61.5	50.4	75.6

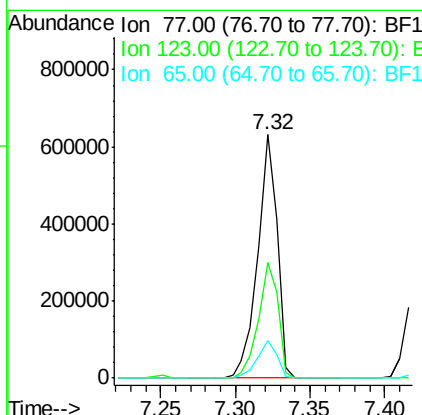
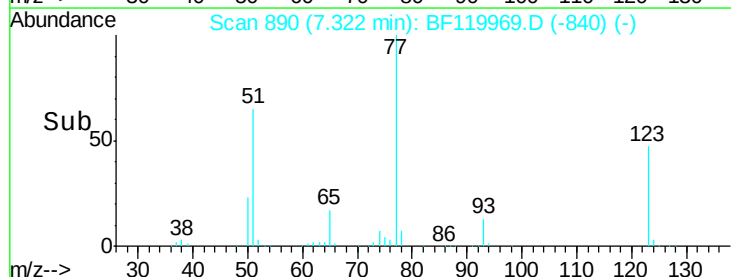
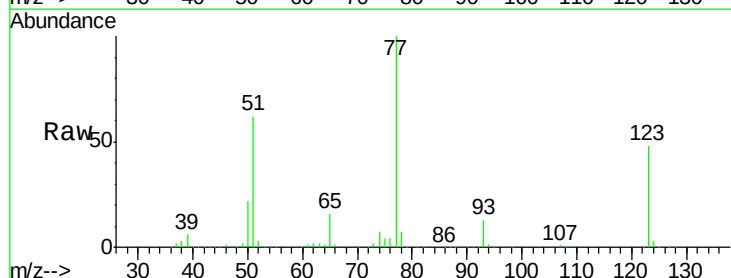
Manual Integrations
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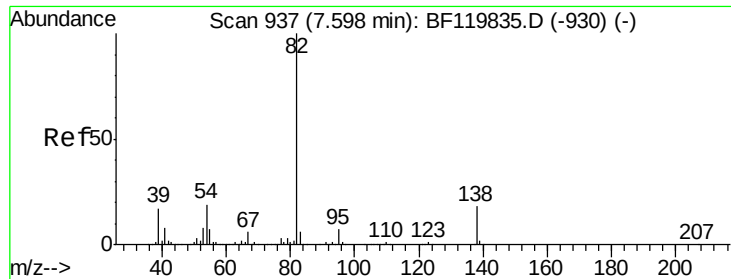
mohammad
 4/16/2020 12:51:32 PM



#24
 Nitrobenzene
 Concen: 40.831 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	77	Resp	566013
Ion Ratio	100	Lower	Upper
123	47.5	37.8	56.8
65	15.6	12.2	18.2





#25

Isophorone

Concen: 41.662 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

ClientSampleId :

TP-32MSD

Tot Ion: 82 Resp: 1106704

Ion Ratio Lower Upper

82 100

95 6.6 5.8 8.6

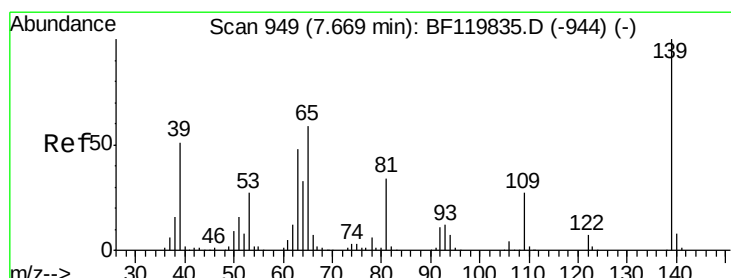
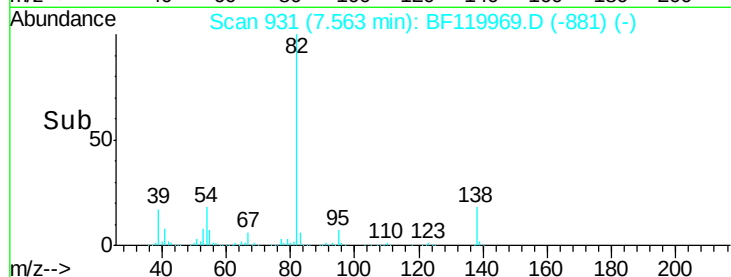
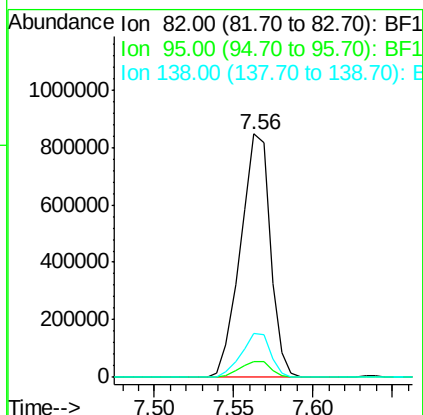
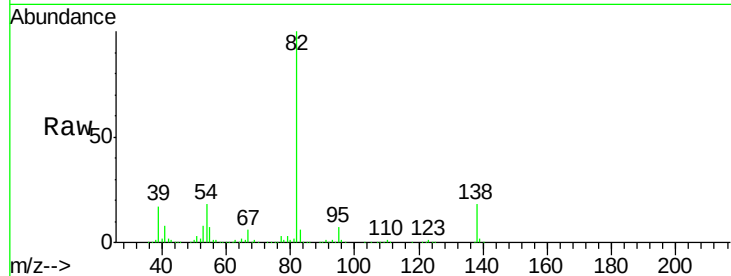
138 17.9 14.5 21.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.395 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

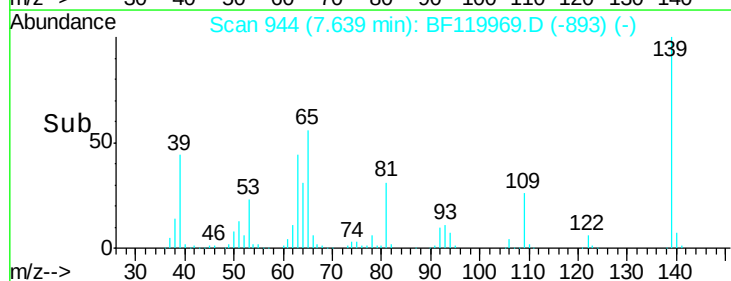
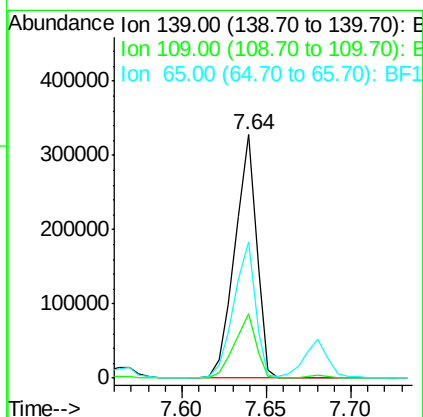
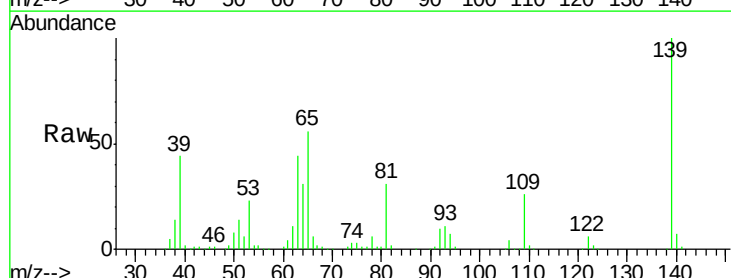
Tgt Ion: 139 Resp: 293610

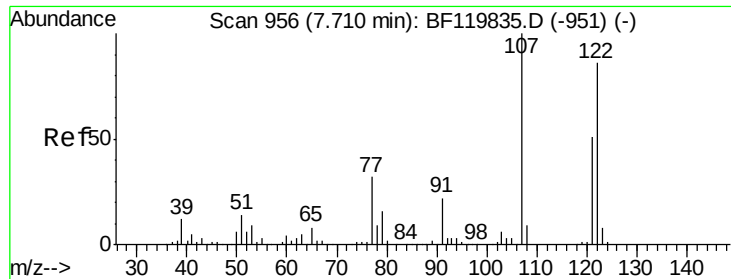
Ion Ratio Lower Upper

139 100

109 26.5 21.8 32.6

65 55.7 47.0 70.4





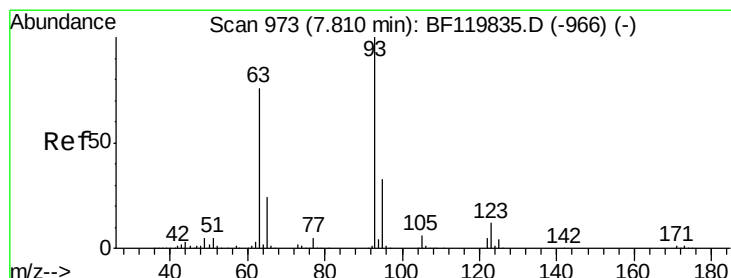
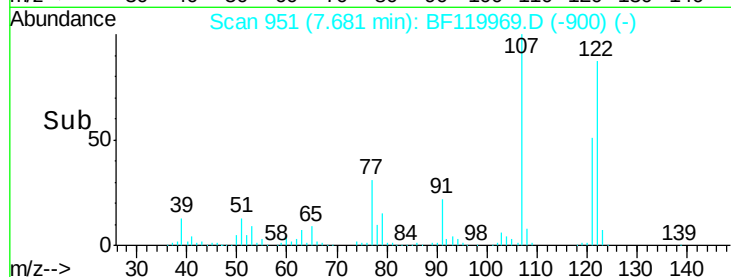
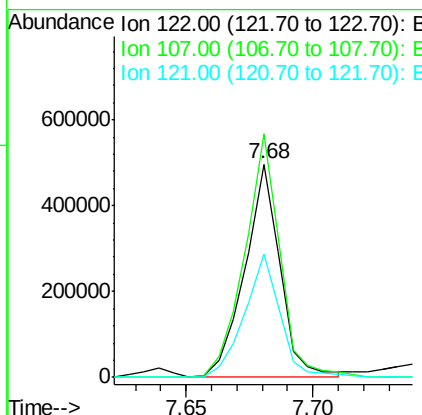
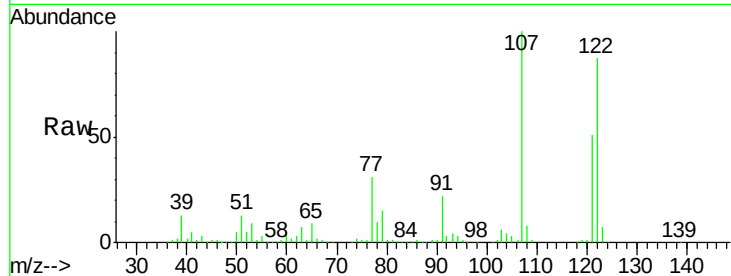
#27
2,4-Dimethylphenol
Concen: 46.200 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	482559		
107	114.3	92.3	138.5	
121	57.9	46.6	70.0	

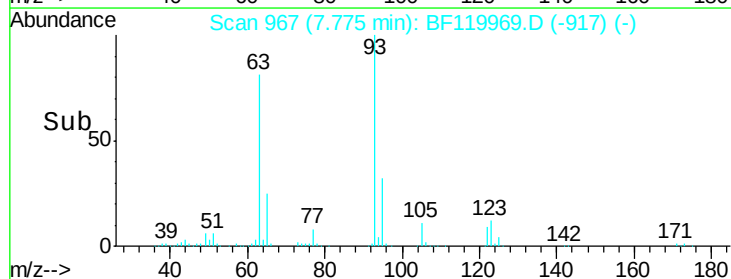
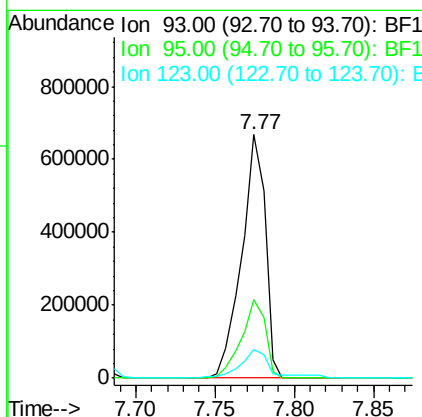
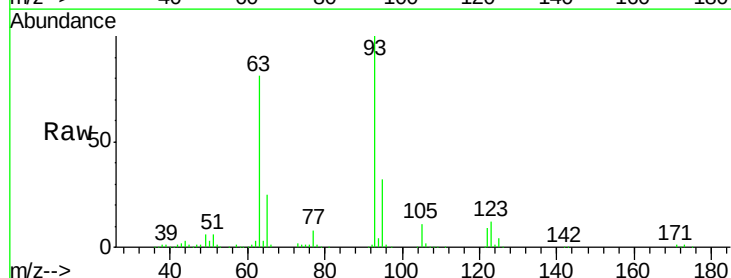
Manual Integrations
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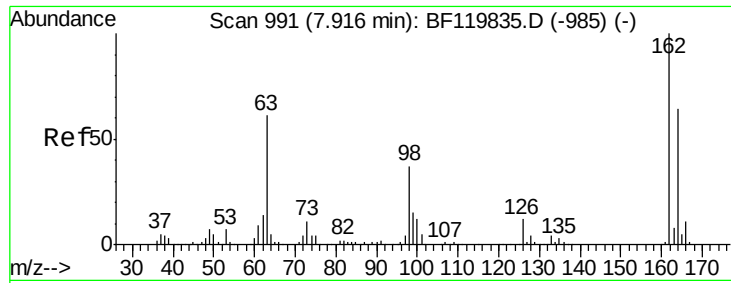
mohammad
4/16/2020 12:51:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.088 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	689150		
95	32.2	26.4	39.6	
123	11.8	9.7	14.5	





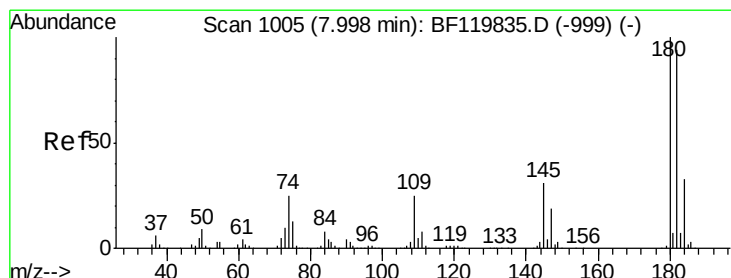
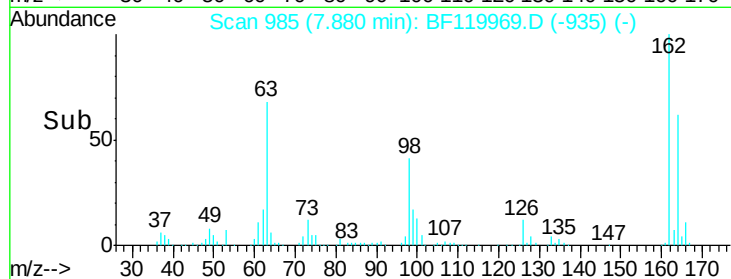
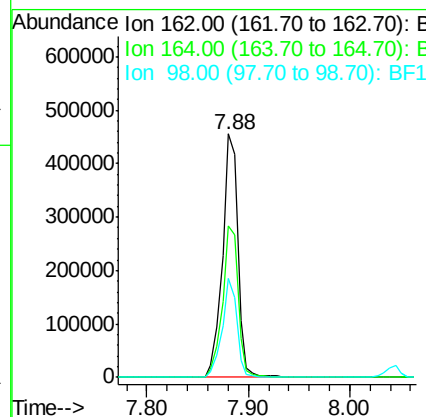
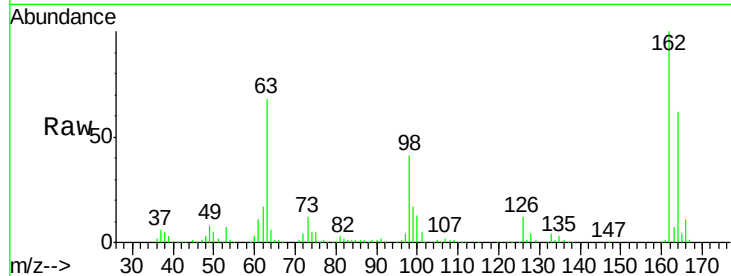
#29
 2,4-Dichlorophenol
 Concen: 45.149 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.4	44.4	84.4
98	40.5	17.3	57.3

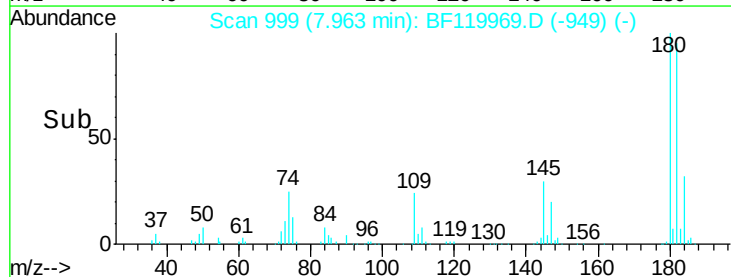
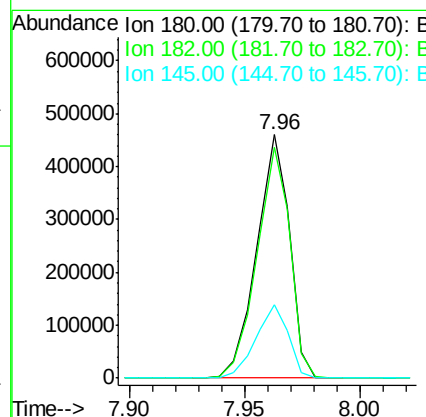
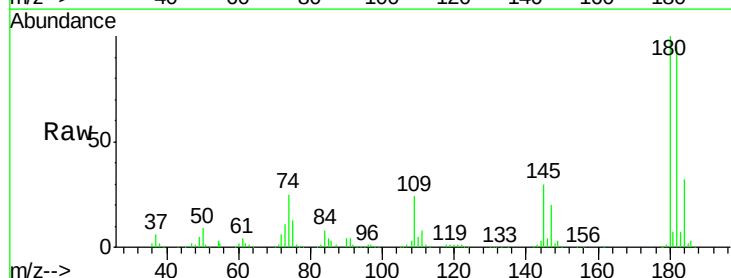
Manual Integrations
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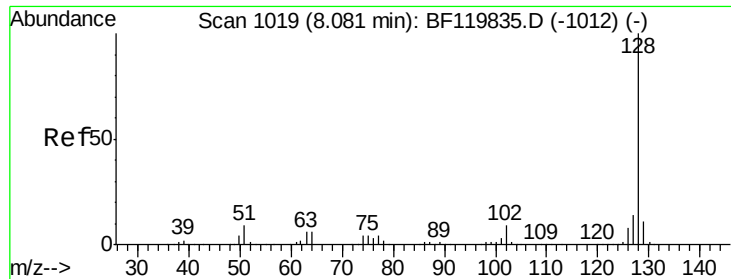
mohammad
 4/16/2020 12:51:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.590 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	75.4	113.0
145	30.3	24.6	37.0





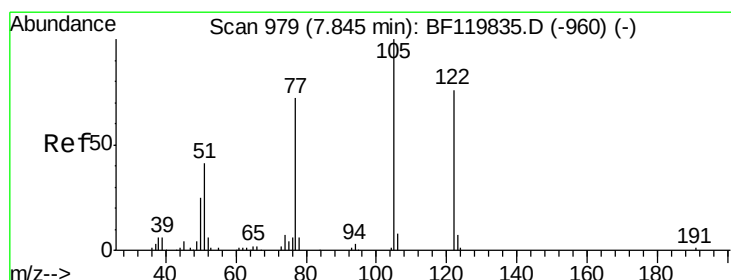
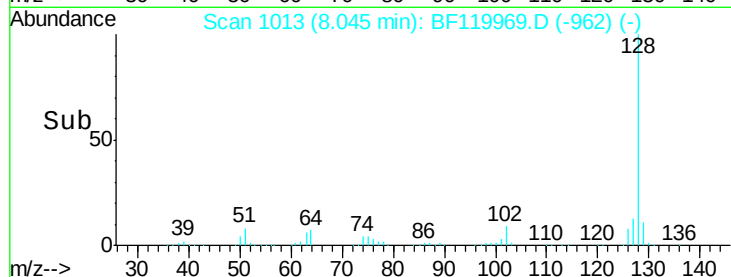
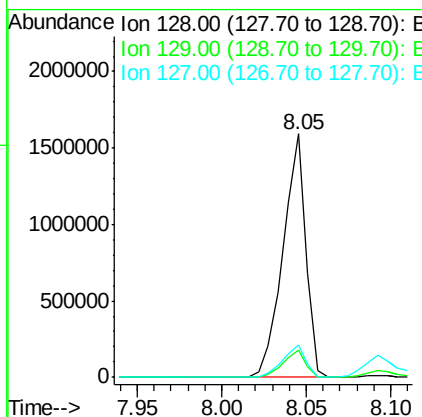
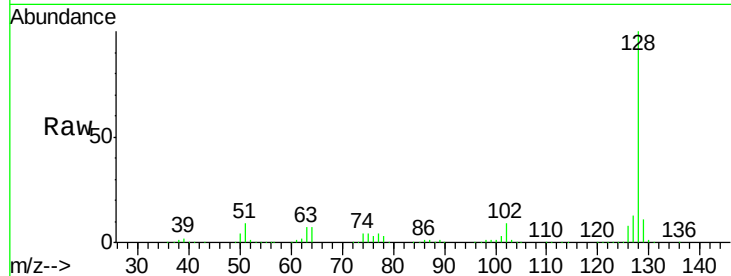
#31
Naphthalene
Concen: 40.127 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion:128 Resp: 1505050
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 11.0 16.4

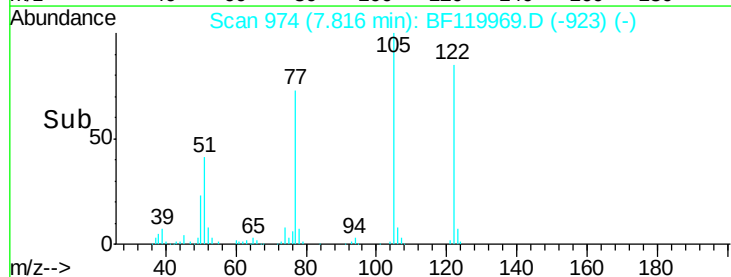
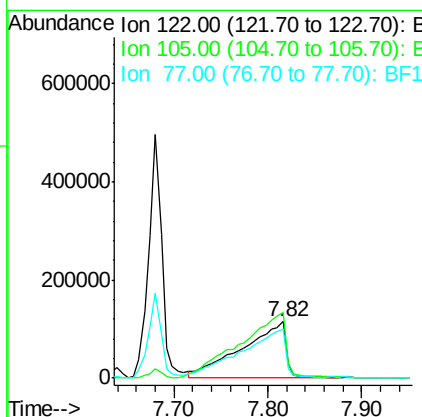
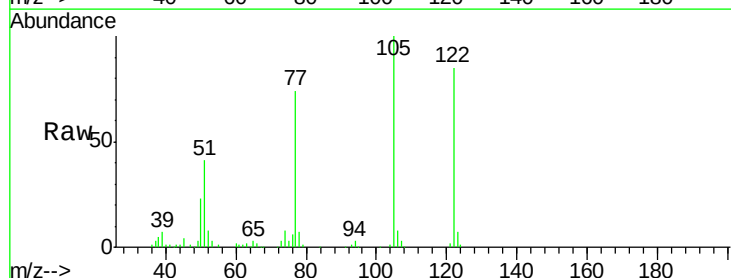
Manual Integrations
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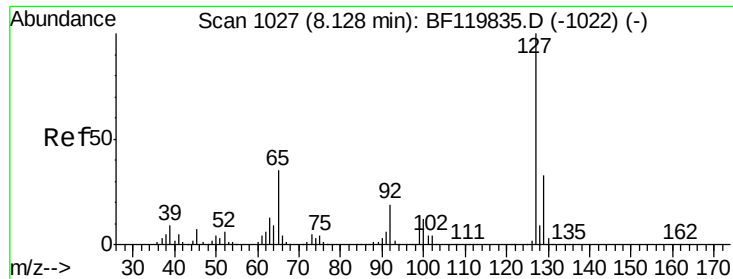
mohammad
4/16/2020 12:51:32 PM



#32
Benzoic acid
Concen: 39.898 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion:122 Resp: 366005
Ion Ratio Lower Upper
122 100
105 117.4 106.7 146.7
77 86.9 72.1 112.1





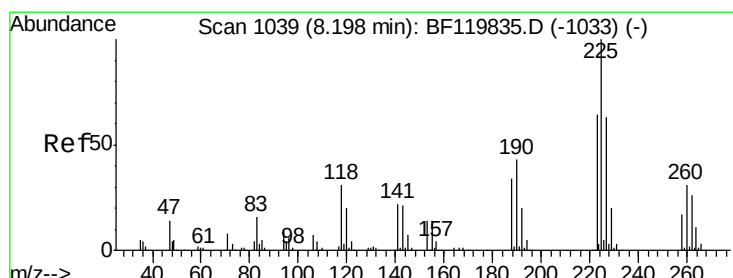
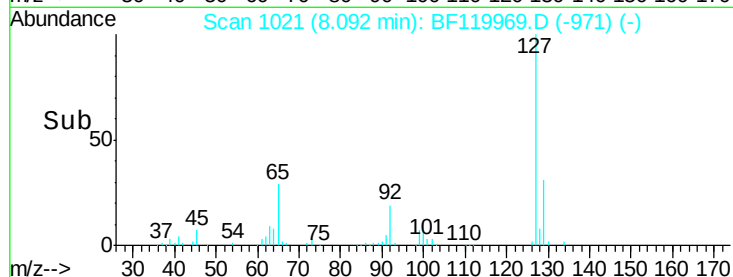
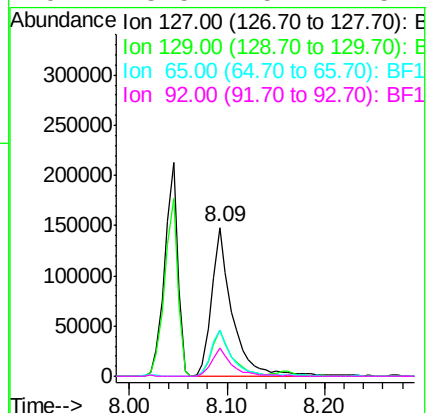
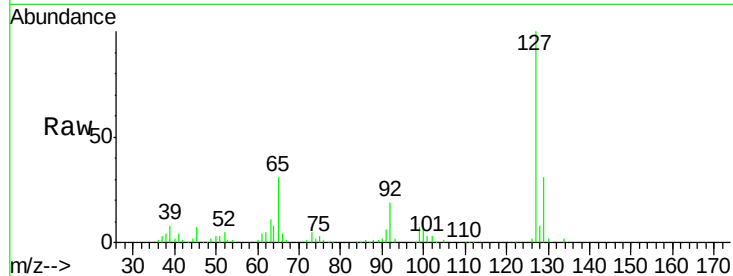
#33
4-Chloroaniline
Concen: 13.147 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		214663		
129	31.1	26.2	39.2		
65	31.1	28.3	42.5		
92	18.5	15.4	23.2		

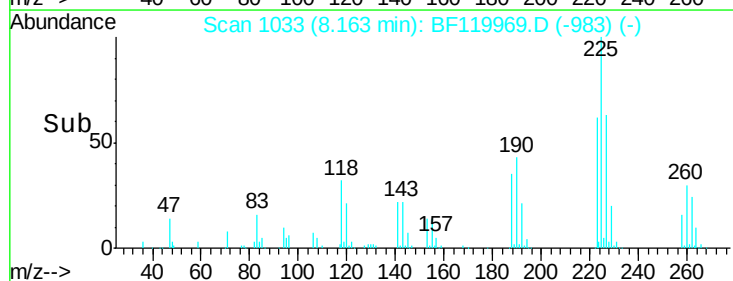
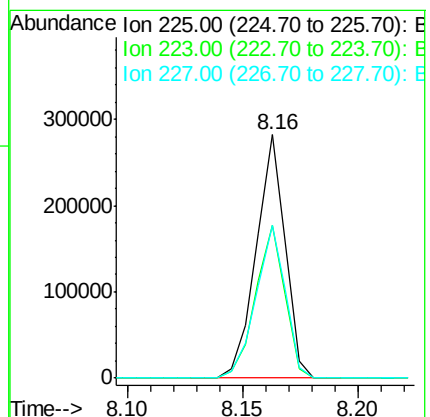
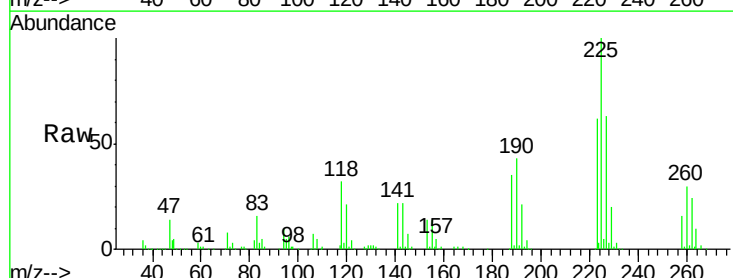
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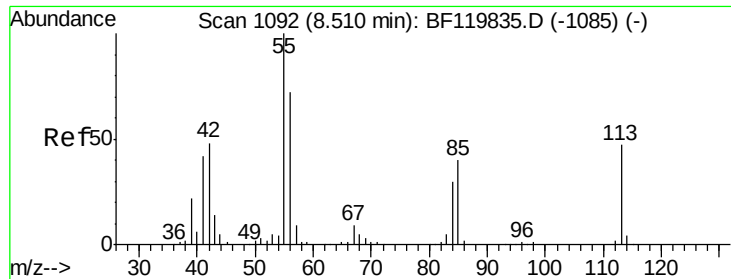
mohammad
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#34
Hexachlorobutadiene
Concen: 34.087 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		247535		
223	62.5	51.0	76.6		
227	62.8	50.4	75.6		





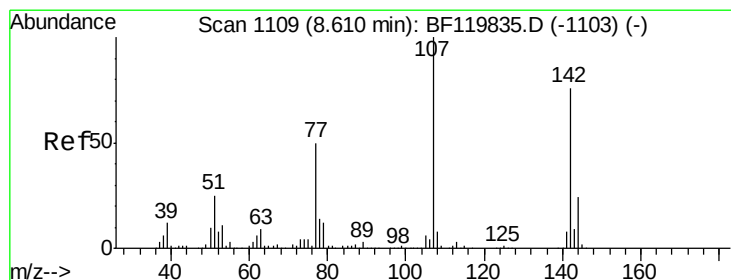
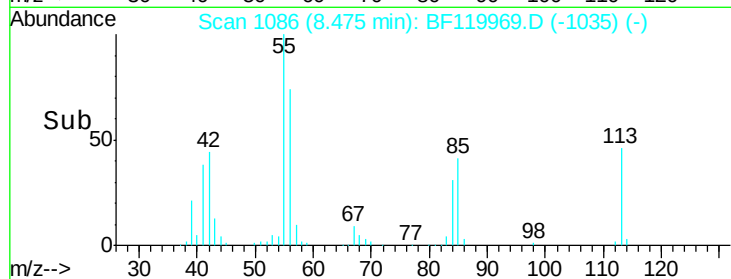
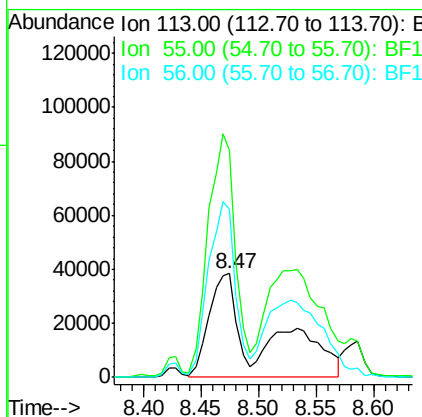
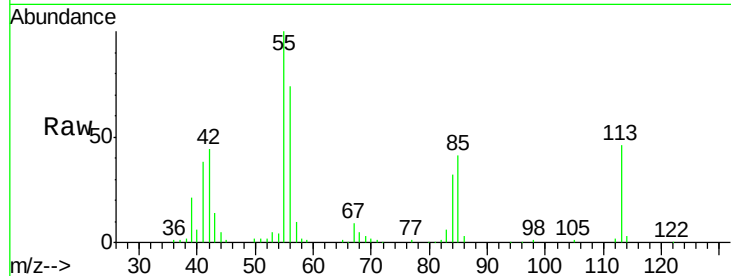
#35
Caprolactam
Concen: 37.723 ng/ml
RT: 8.47 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	218.3	192.7	232.7		
56	161.3	133.3	173.3		

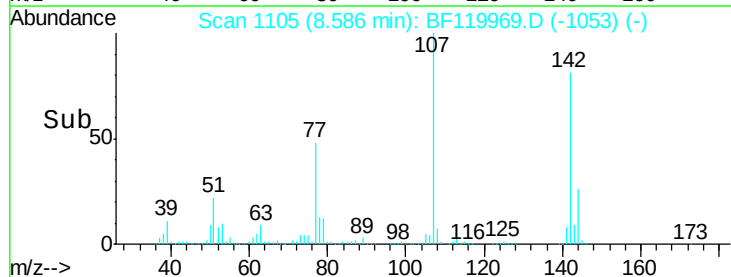
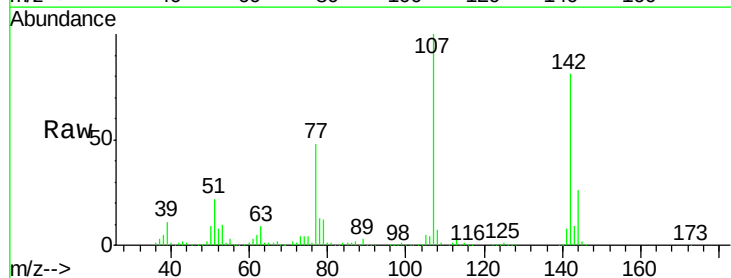
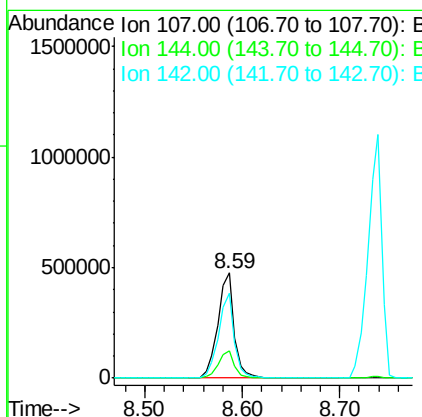
Manual Integrations
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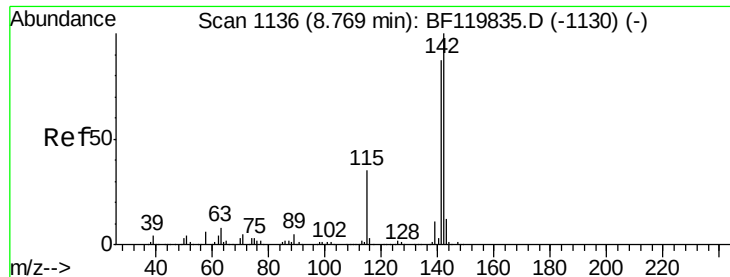
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.637 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7	19.5	29.3		
142	80.9	60.5	90.7		





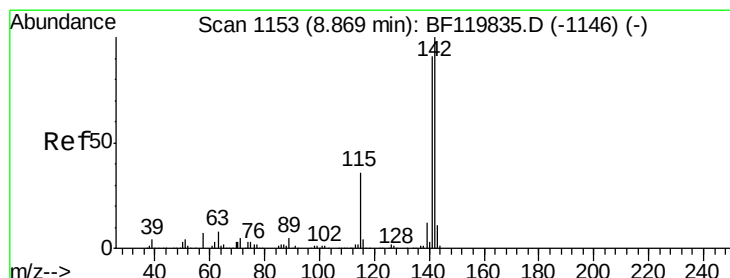
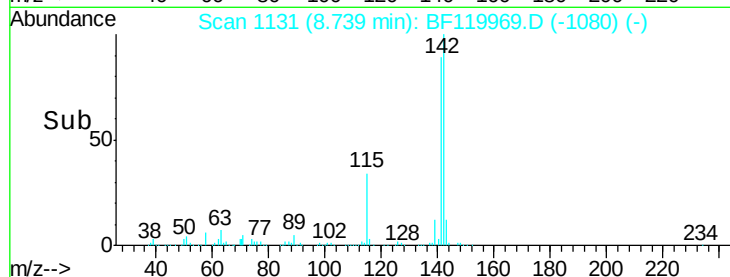
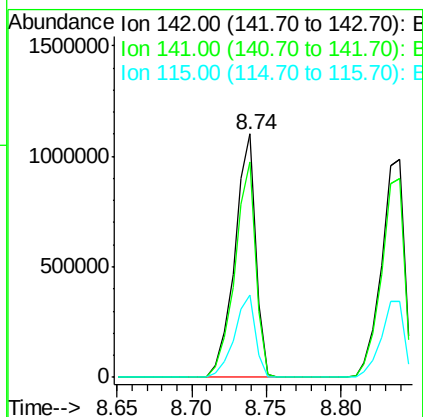
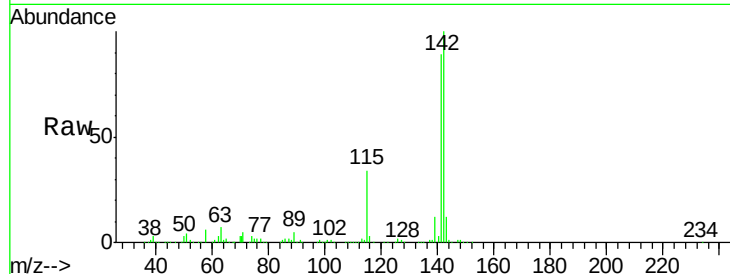
#37
2-Methylnaphthalene
Concen: 42.753 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampled :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.9	104.9
115	33.9	28.0	42.0

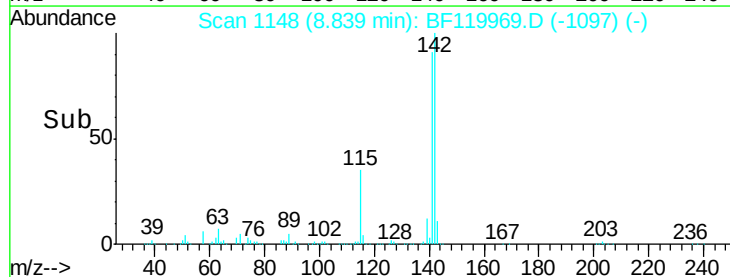
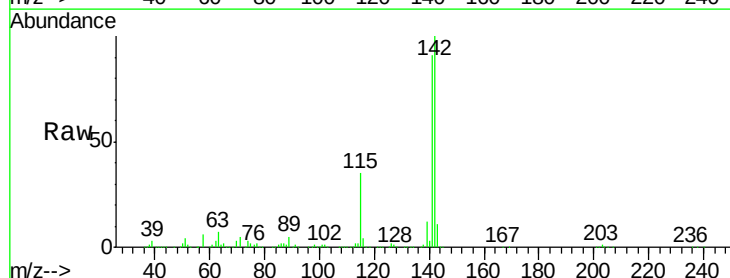
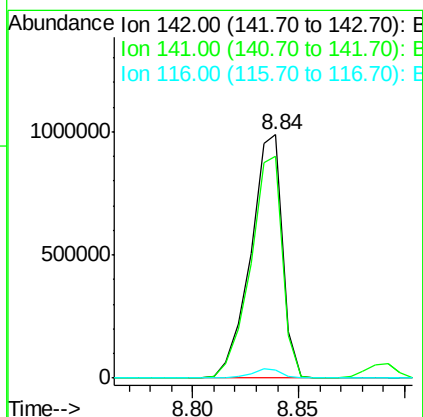
Manual Integrations
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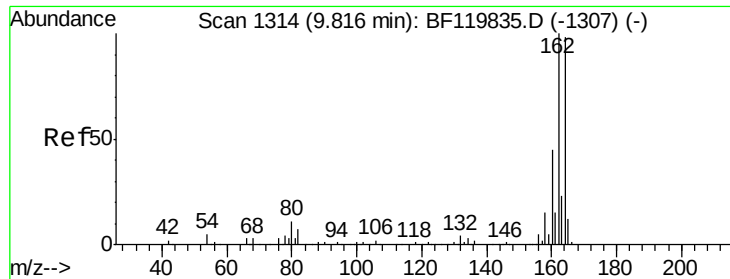
mohammad
4/16/2020 12:51:32 PM



#38
1-Methylnaphthalene
Concen: 43.306 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.9	109.3
116	3.5	3.0	4.6





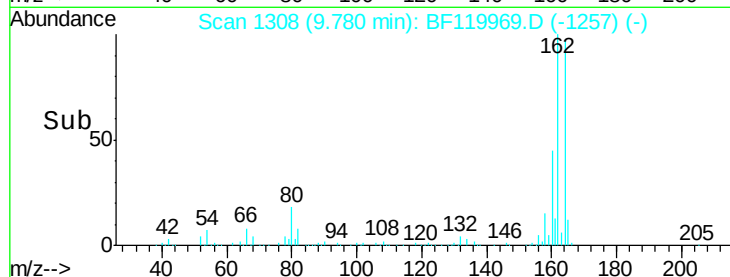
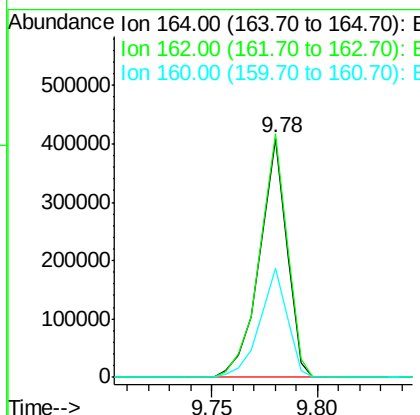
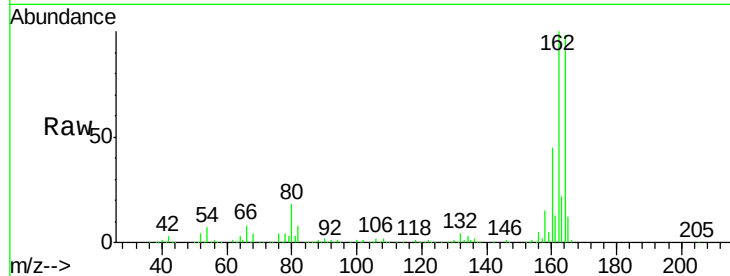
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampled :
 TP-32MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.9	122.9
160	45.7	36.6	54.8

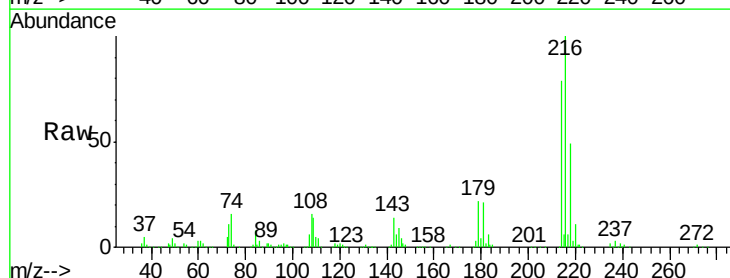
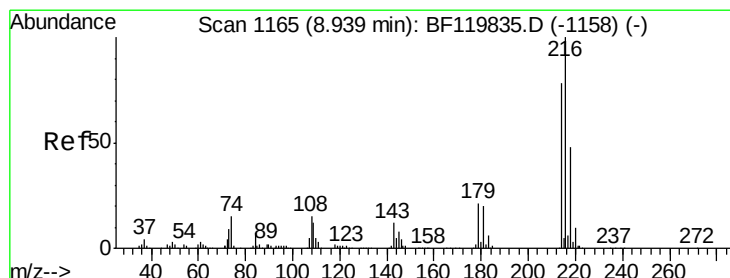
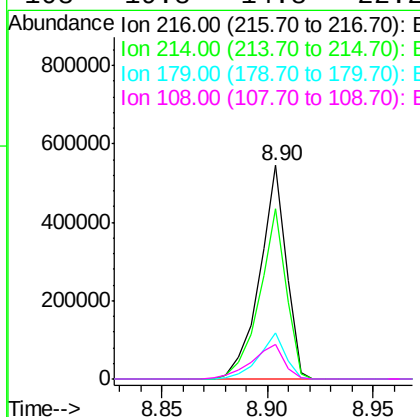
Manual Integrations
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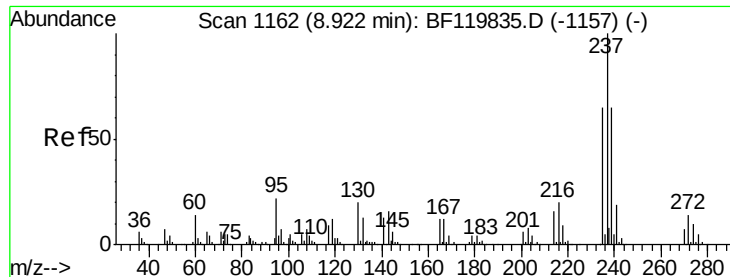
mohammad
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.466 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.1	94.7
179	21.5	17.0	25.4
108	19.8	14.8	22.2





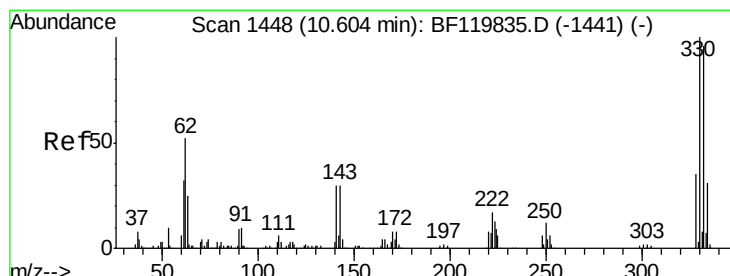
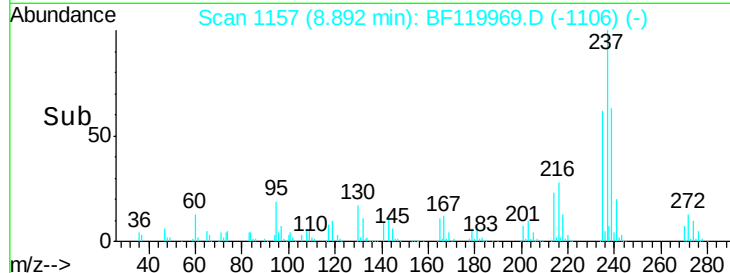
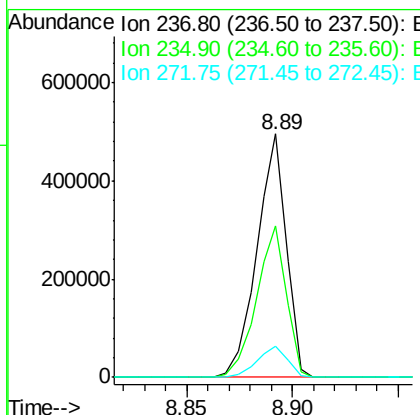
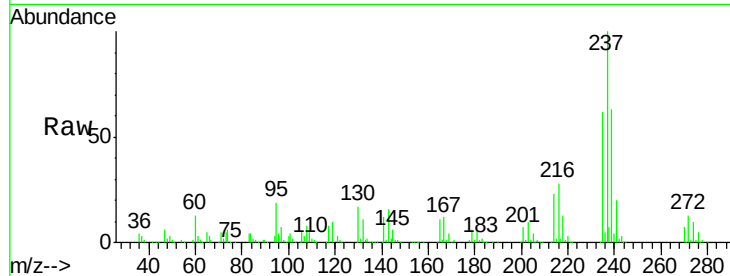
#41
Hexachlorocyclopentadiene
Concen: 71.052 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	476435		
235	62.3	44.9	84.9	
272	12.7	0.0	33.6	

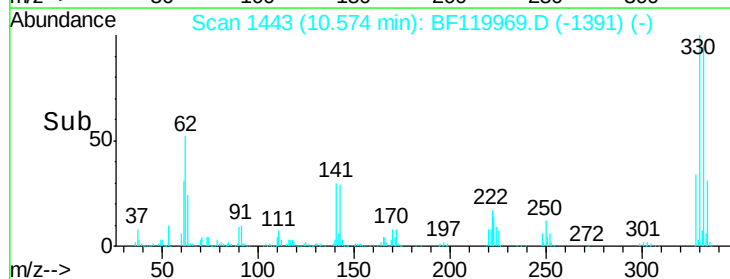
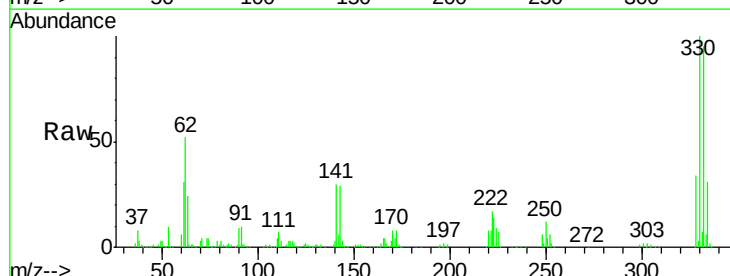
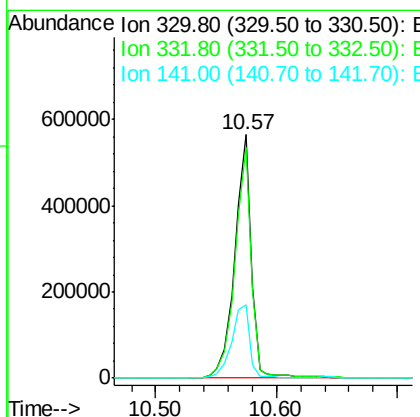
Manual Integrations
APPROVED

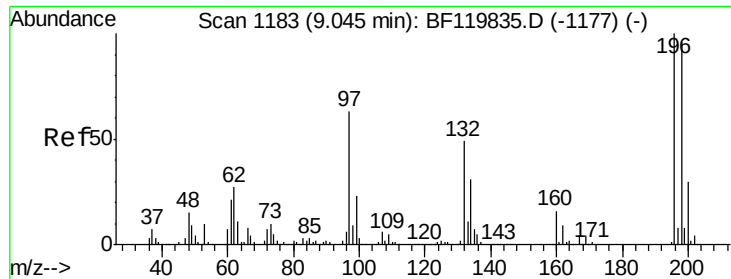
mohammad
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#42
2,4,6-Tribromophenol
Concen: 118.874 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	543385		
332	95.2	76.8	115.2	
141	33.2	25.1	37.7	





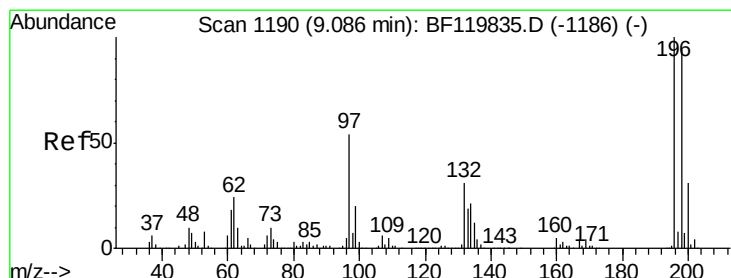
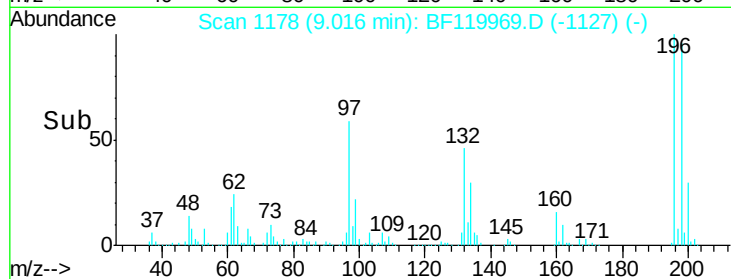
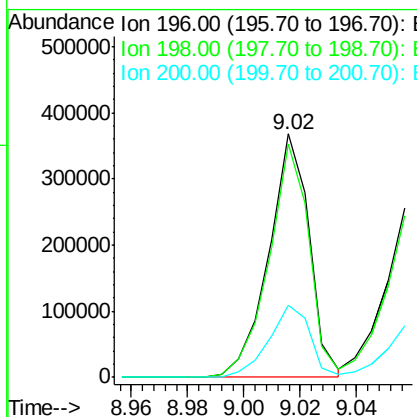
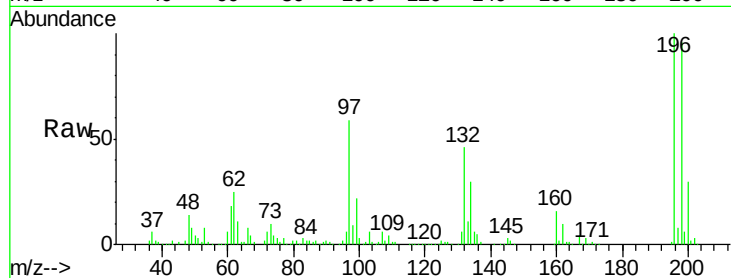
#43
 2,4,6-Trichlorophenol
 Concen: 44.961 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampled :
 TP-32MSD

Tot Ion:	196	Resp:	366118
Ion Ratio	Lower	Upper	
196	100		
198	96.0	76.6	115.0
200	29.8	24.2	36.2

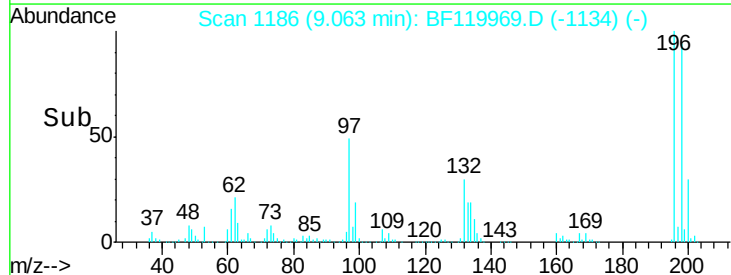
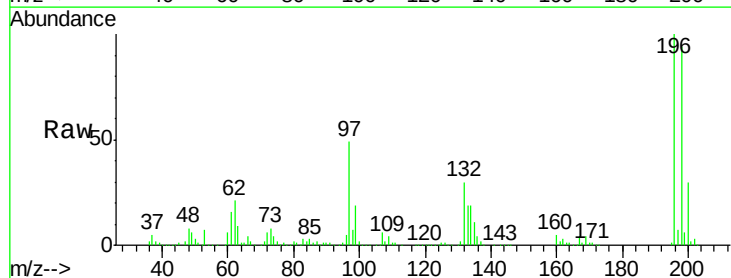
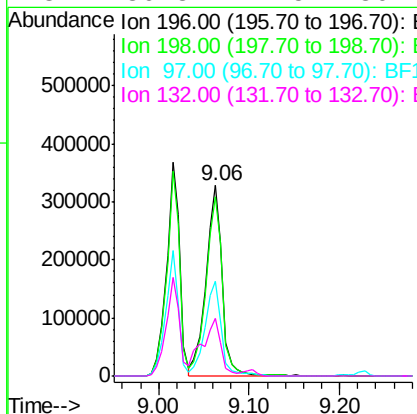
Manual Integrations
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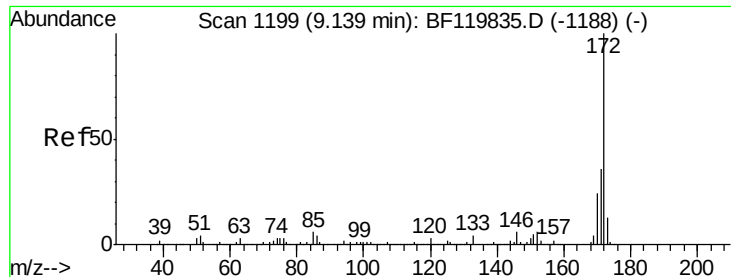
mohammad
 4/16/2020 12:51:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.381 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion:	196	Resp:	416207
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.1	112.7
97	49.5	43.4	65.2
132	30.3	24.5	36.7





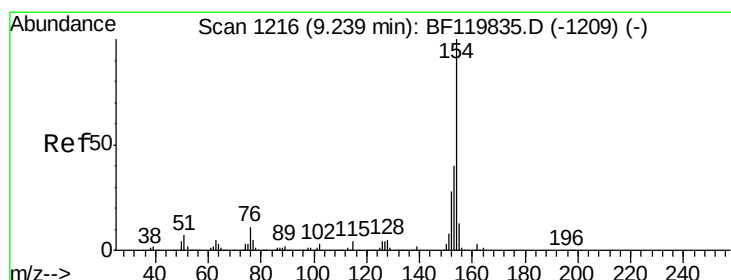
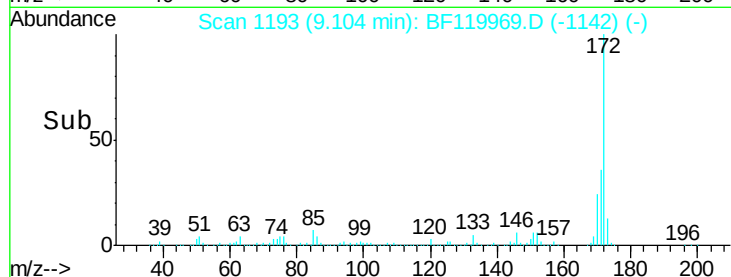
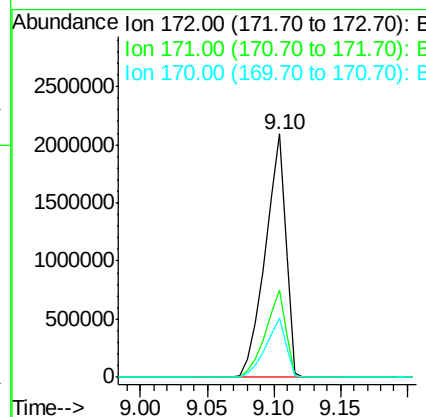
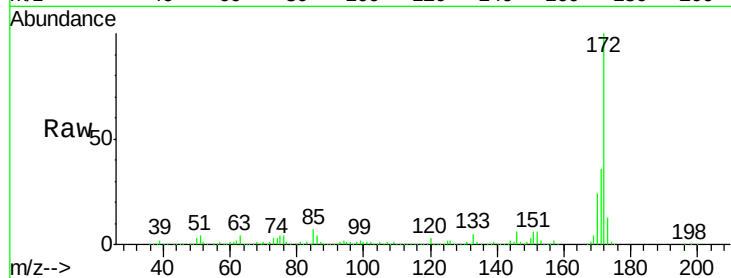
#45
2-Fluorobiphenyl
Concen: 84.282 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.2	19.4	29.2

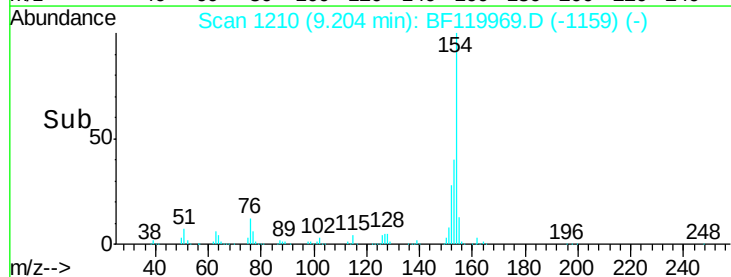
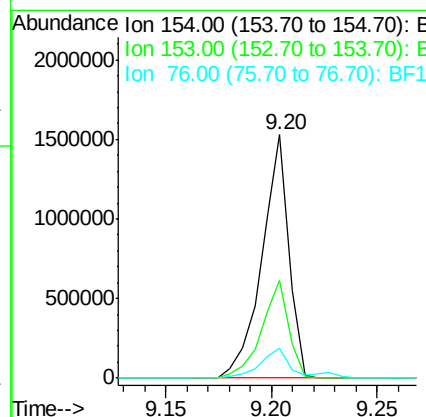
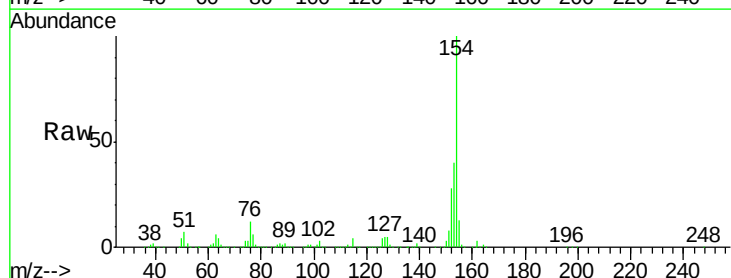
Manual Integrations
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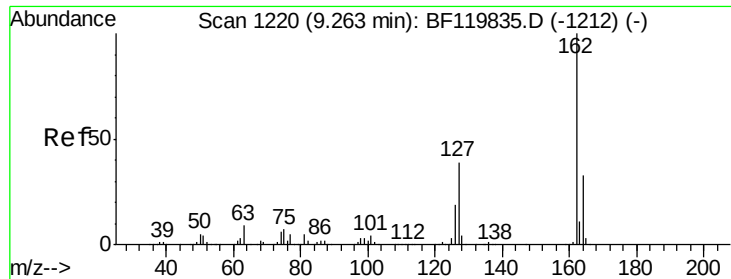
mohammad
4/16/2020 12:51:32 PM



#46
1,1'-Biphenyl
Concen: 43.066 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.5	60.5
76	12.1	0.0	30.6





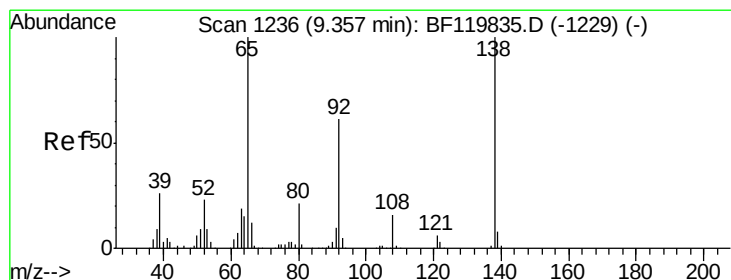
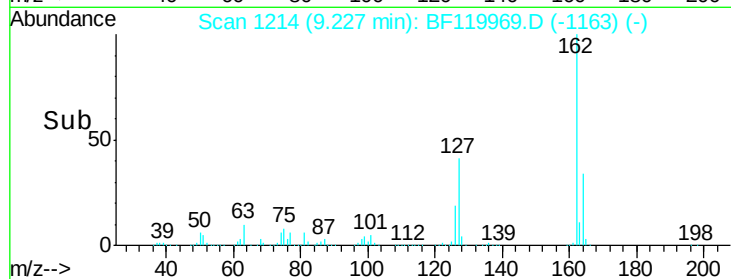
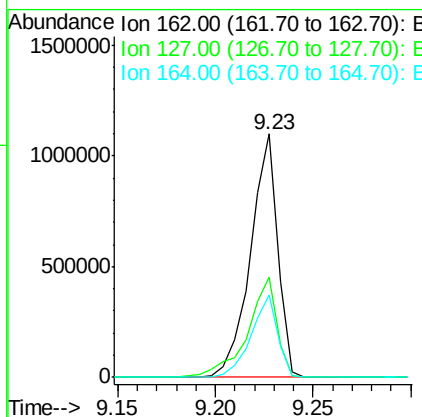
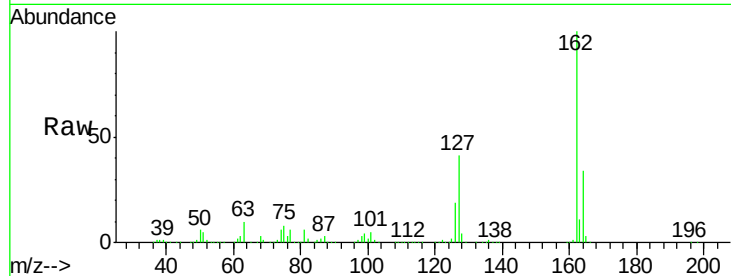
#47
 2-Chloronaphthalene
 Concen: 43.657 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion:	162	Resp:	1059814
Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.2	46.8
164	33.7	26.3	39.5

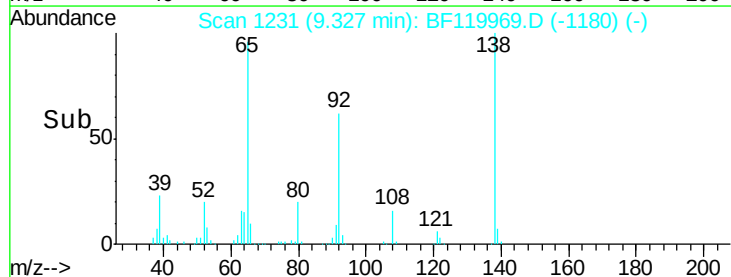
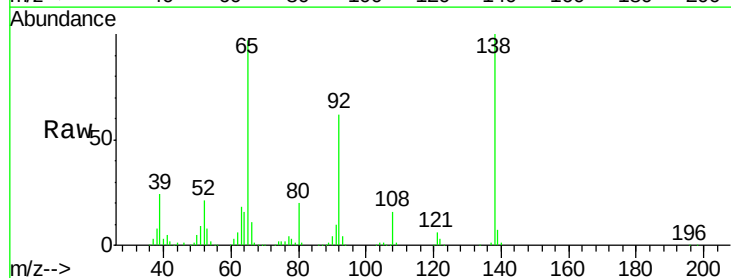
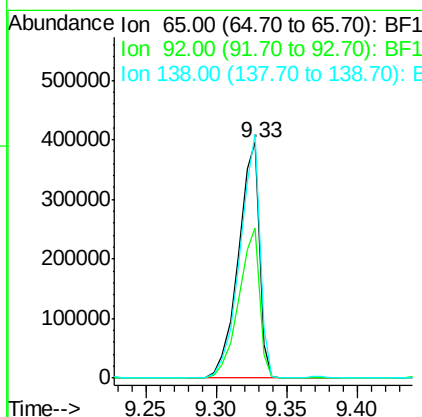
Manual Integrations
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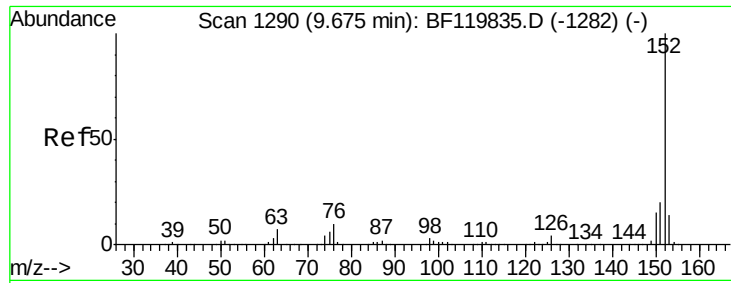
mohammad
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#48
 2-Nitroaniline
 Concen: 46.418 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion:	65	Resp:	408355
Ion	Ratio	Lower	Upper
65	100		
92	63.8	49.0	73.6
138	103.2	79.7	119.5





#49

Acenaphthylene

Concen: 46.194 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

ClientSampleId :

TP-32MSD

Tot Ion:152 Resp: 1705459

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

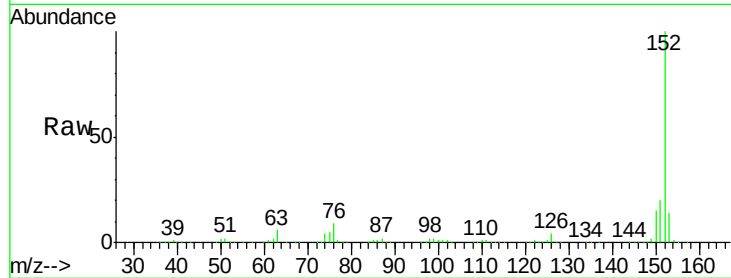
153 13.6 10.9 16.3

Manual Integrations

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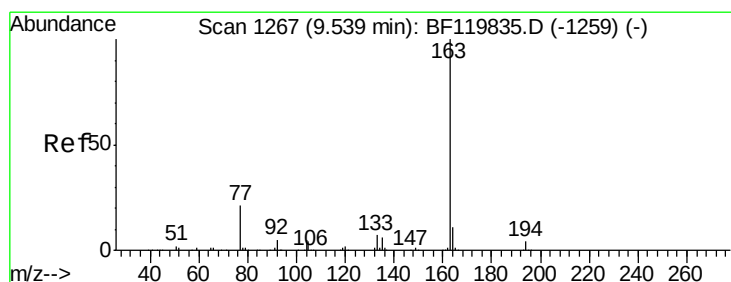
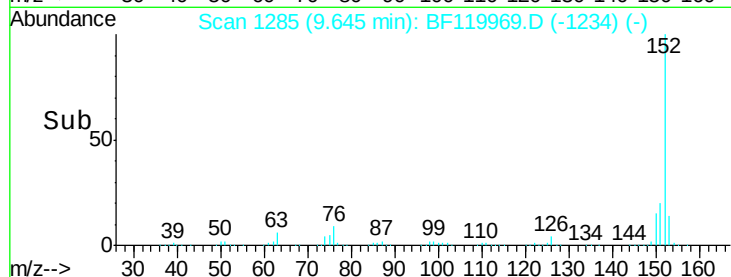
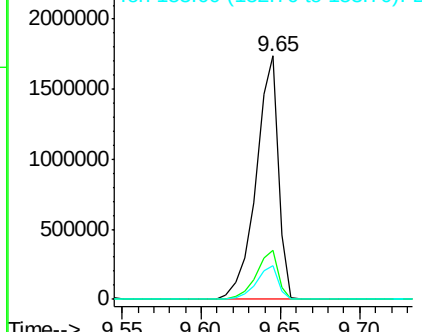
4/16/2020 12:51:32 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.186 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.01 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

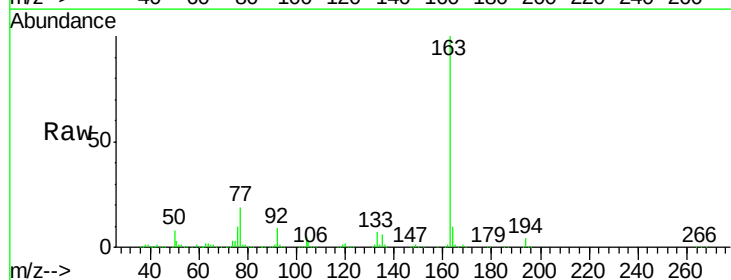
Tgt Ion:163 Resp: 1420410

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

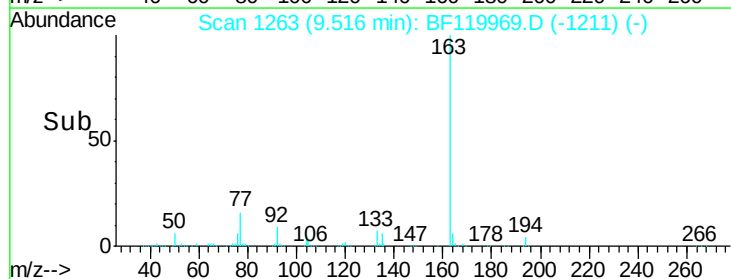
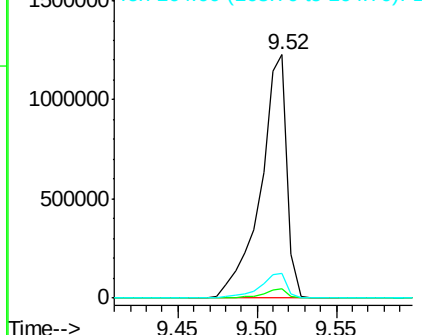
164 10.0 8.4 12.6

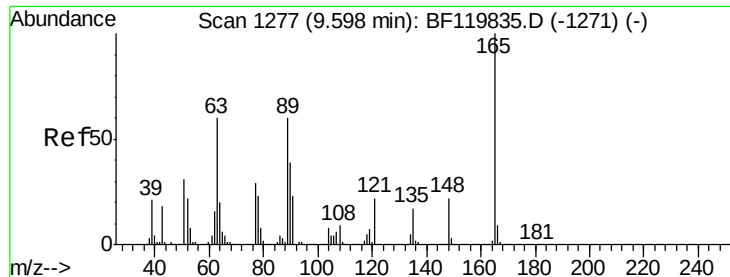


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





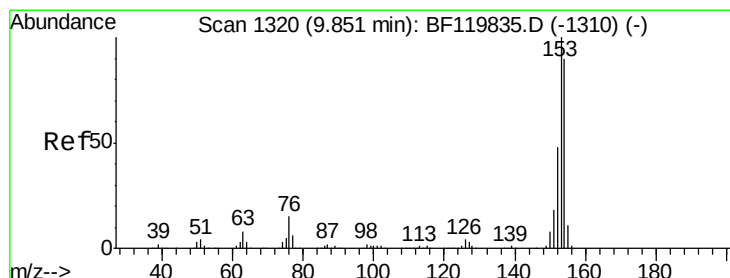
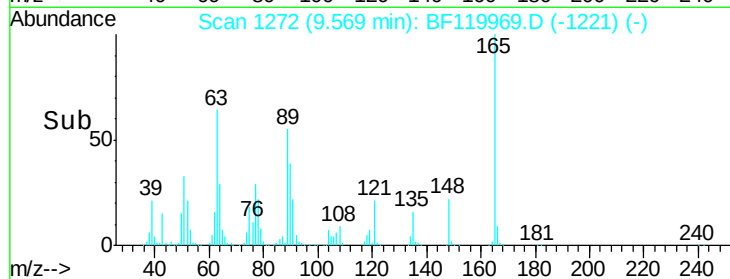
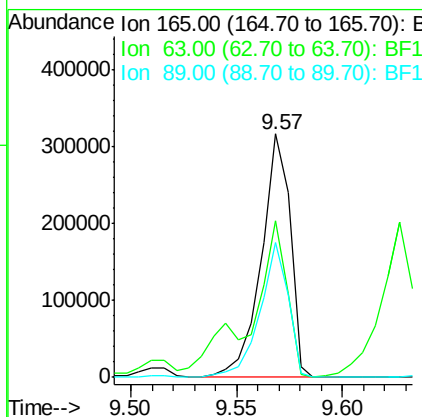
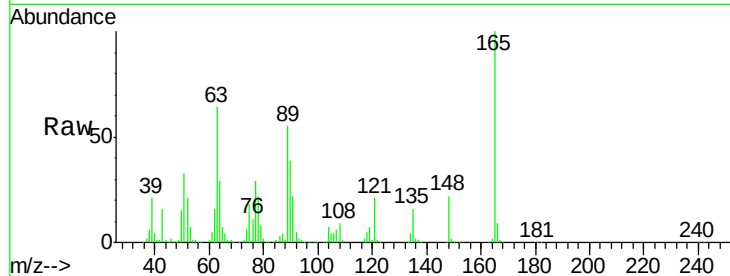
#51
 2,6-Dinitrotoluene
 Concen: 47.837 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion:	165	Resp:	302516
Ion Ratio	Lower	Upper	
165	100		
63	64.2	55.6	83.4
89	55.4	47.9	71.9

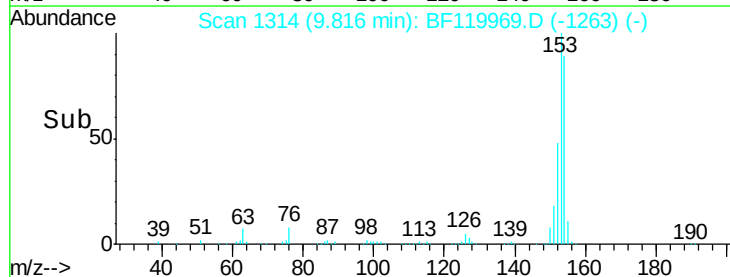
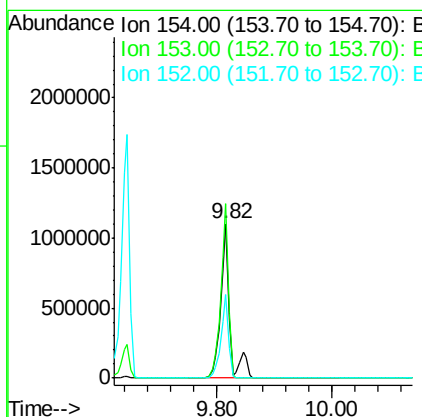
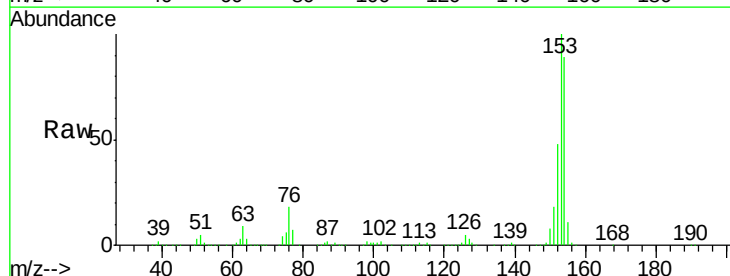
Manual Integrations
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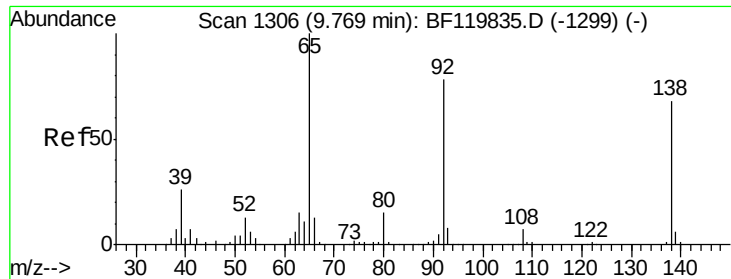
mohammad
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#52
 Acenaphthene
 Concen: 49.182 ng m
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion:	154	Resp:	1211236
Ion Ratio	Lower	Upper	
154	100		
153	112.5	88.8	133.2
152	54.4	42.4	63.6





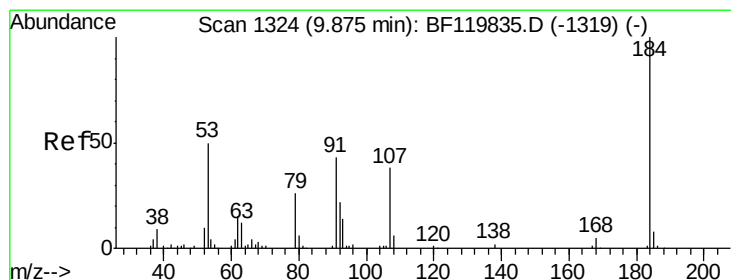
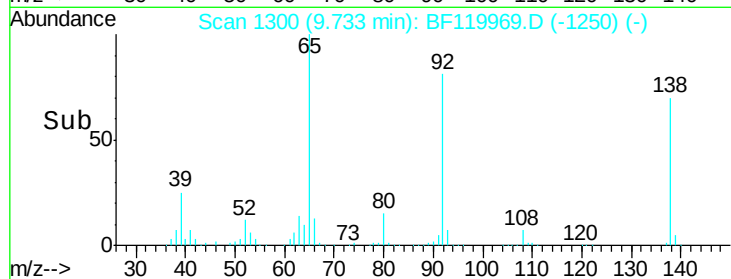
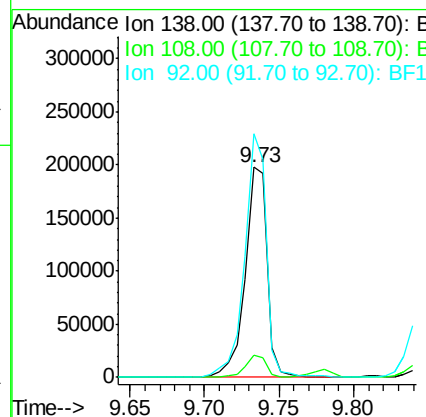
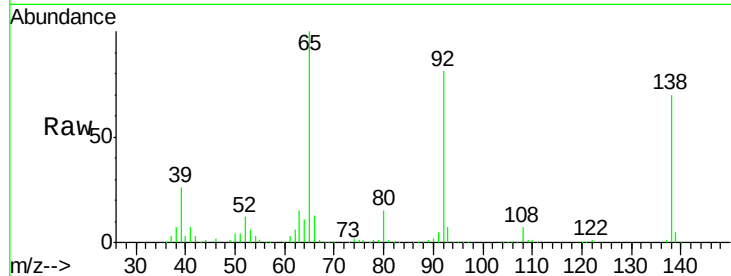
#53
3-Nitroaniline
Concen: 28.029 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	202441		
108	10.4	8.0	12.0	
92	115.8	92.1	138.1	

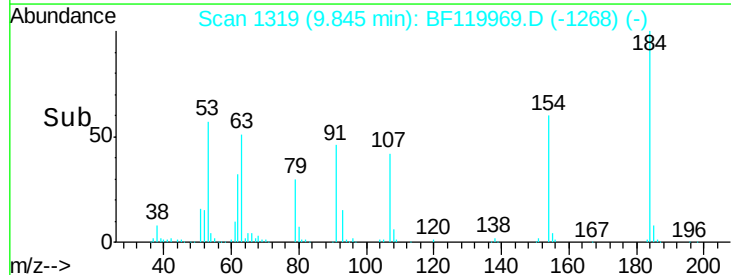
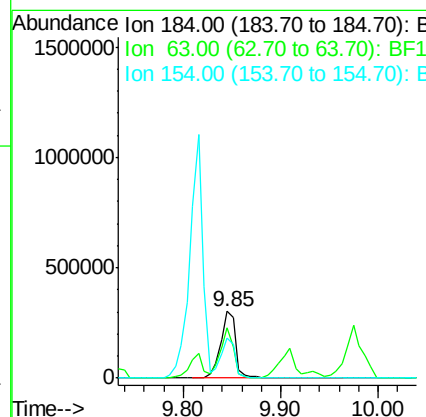
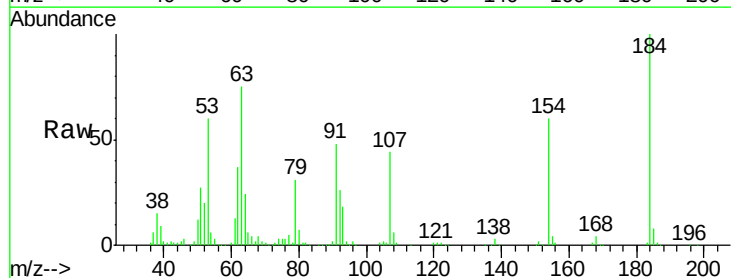
Manual Integrations
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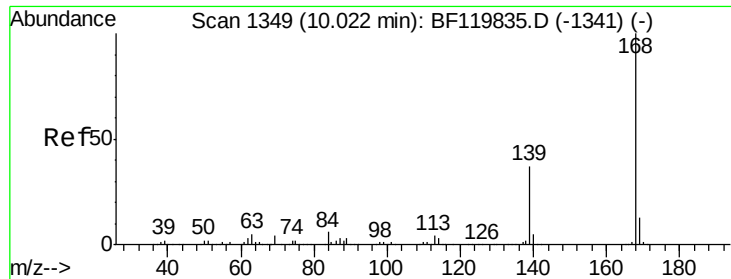
mohammad
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#54
2,4-Dinitrophenol
Concen: 86.016 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	325664		
63	75.0	49.8	74.6#	
154	60.3	46.5	69.7	





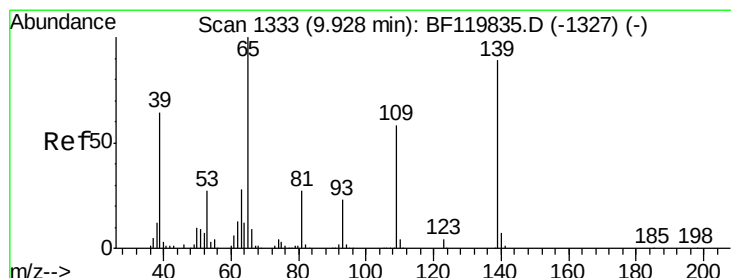
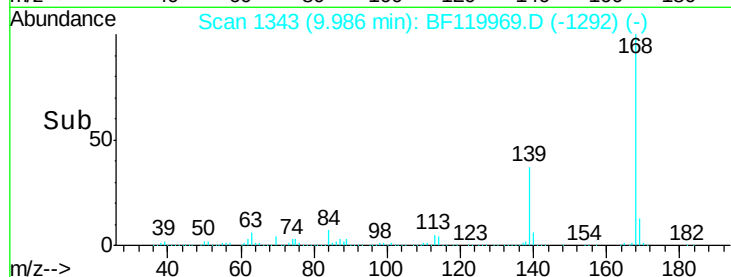
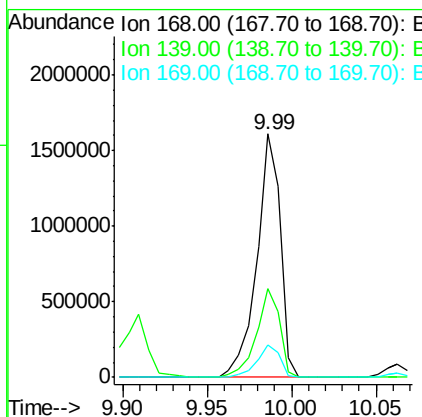
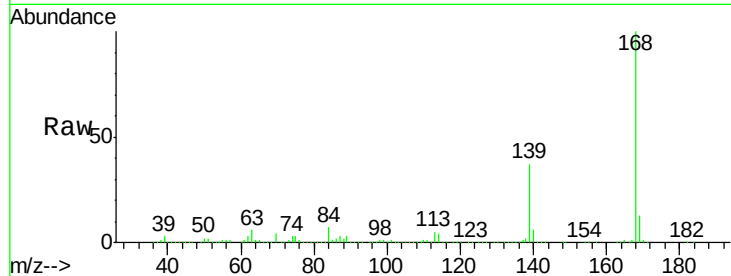
#55
Dibenzofuran
Concen: 46.115 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion:168 Resp: 1558470
Ion Ratio Lower Upper
168 100
139 36.6 29.8 44.6
169 13.4 10.6 15.8

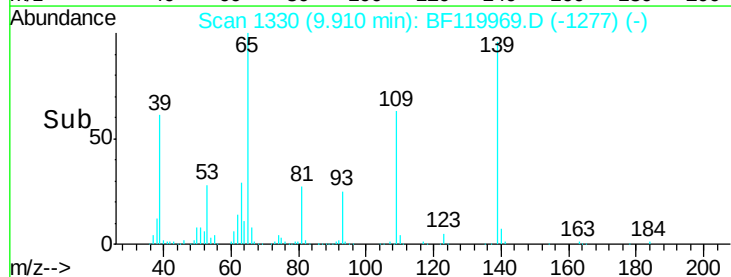
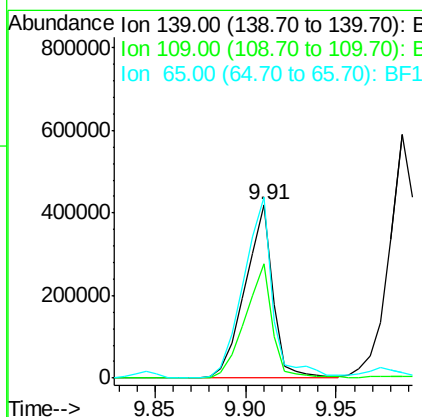
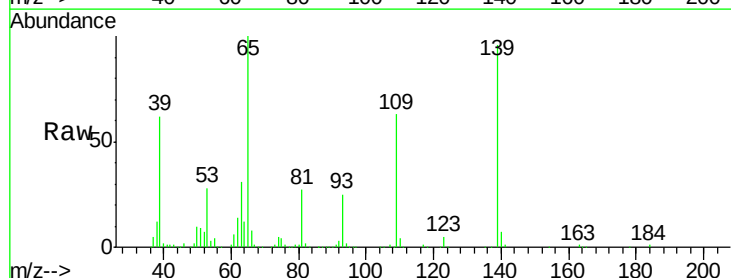
Manual Integrations
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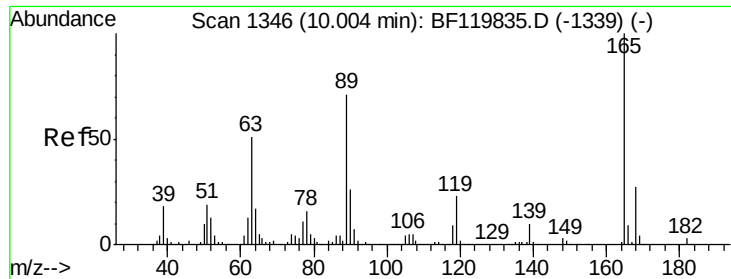
mohammad
4/16/2020 12:51:32 PM



#56
4-Nitrophenol
Concen: 83.615 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion:139 Resp: 449336
Ion Ratio Lower Upper
139 100
109 65.8 45.5 85.5
65 104.7 92.3 132.3





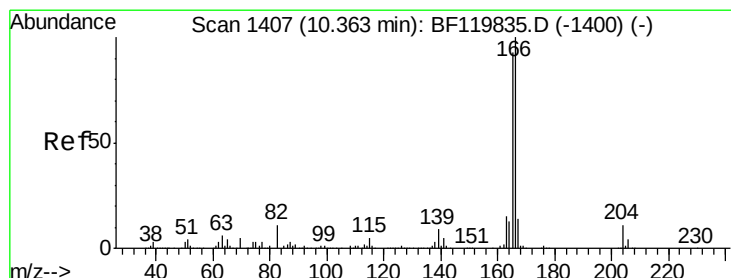
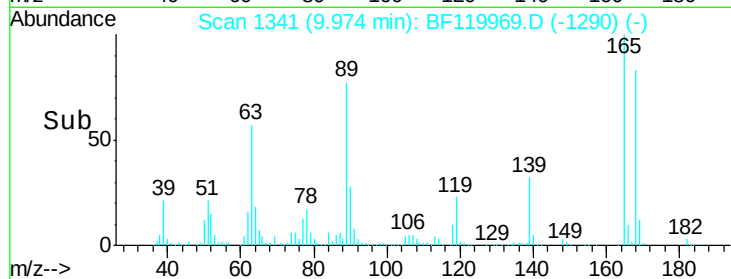
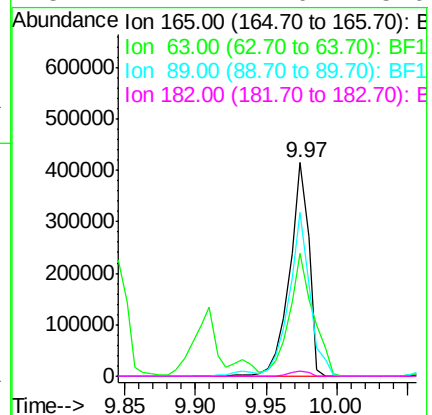
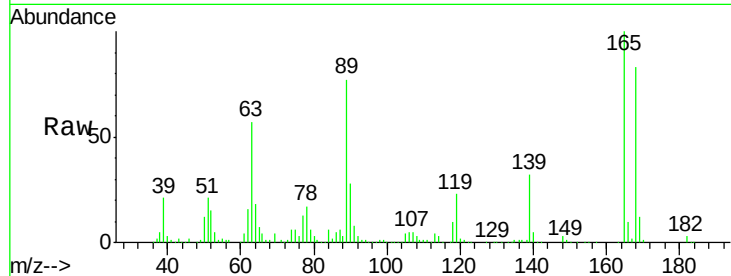
#57
2,4-Dinitrotoluene
Concen: 47.644 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	396957		
63	57.4		40.8	61.2
89	76.9		56.9	85.3
182	2.7		2.0	3.0

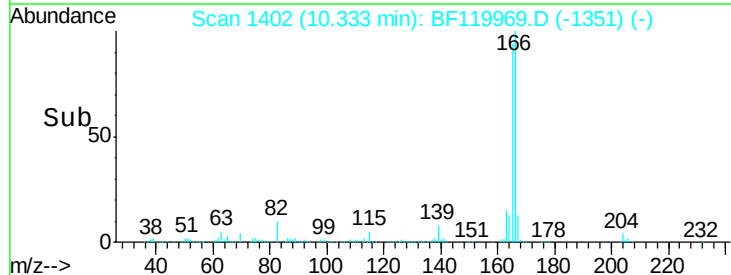
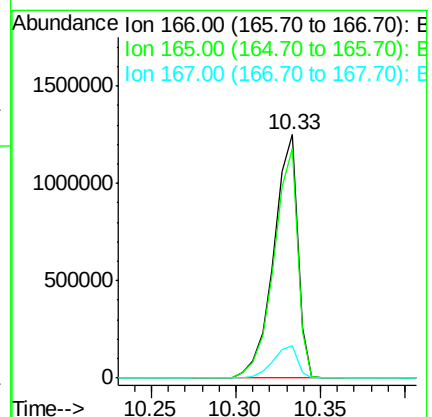
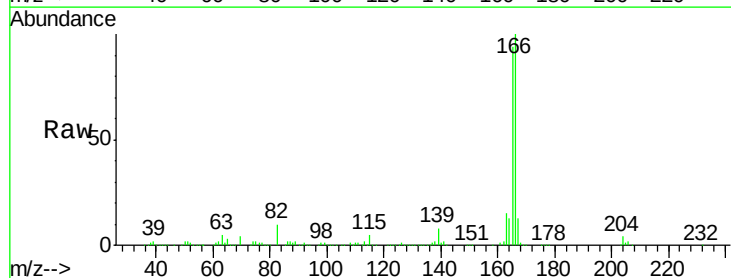
Manual Integrations
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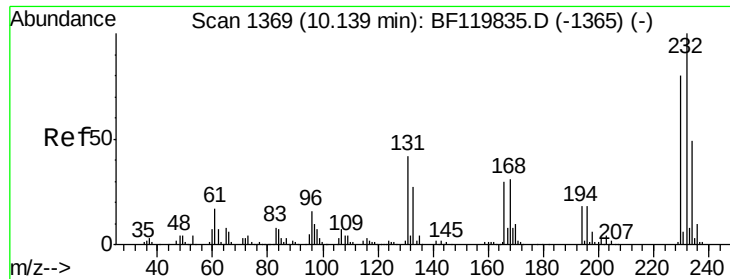
mohammad
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#58
Fluorene
Concen: 45.527 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1230474		
165	94.5		74.2	111.2
167	13.5		10.8	16.2





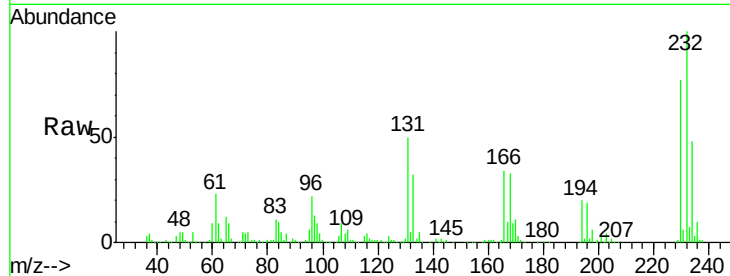
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.103 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

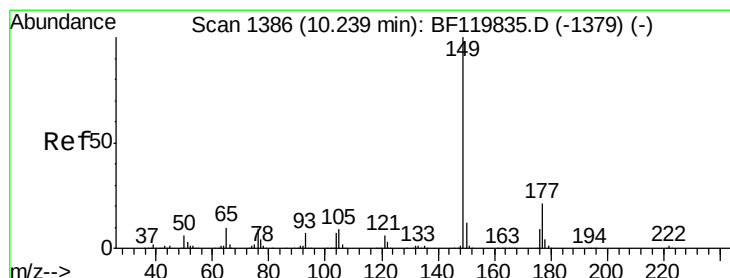
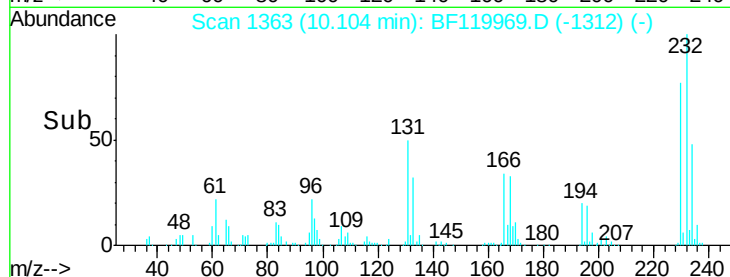
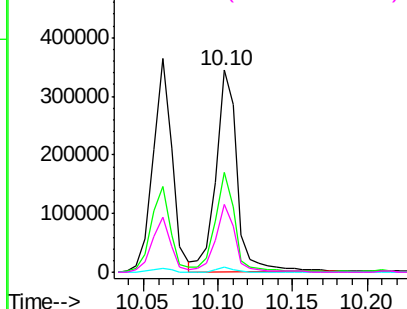
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.9	56.9
130	2.0	1.8	2.6
166	30.9	25.4	38.0

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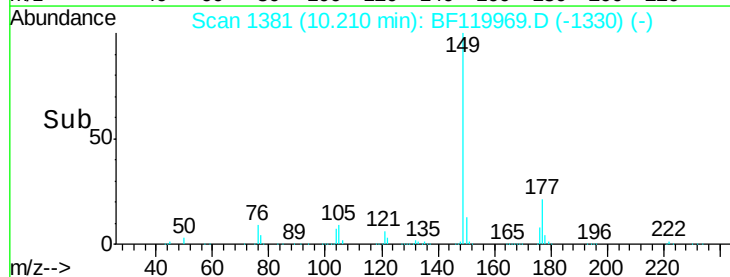
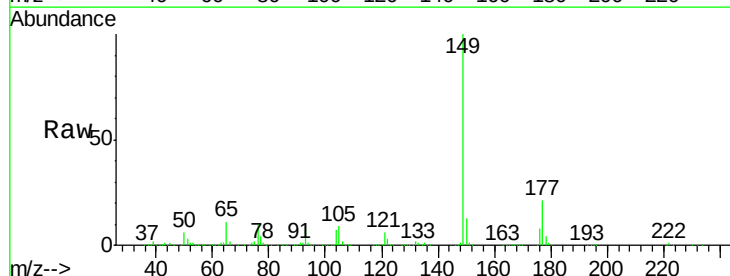
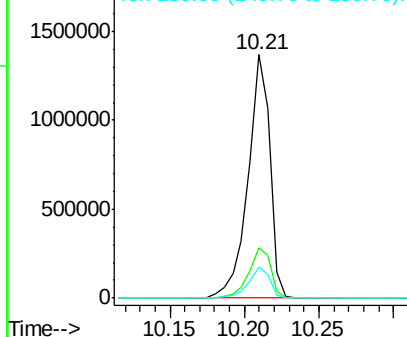
Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

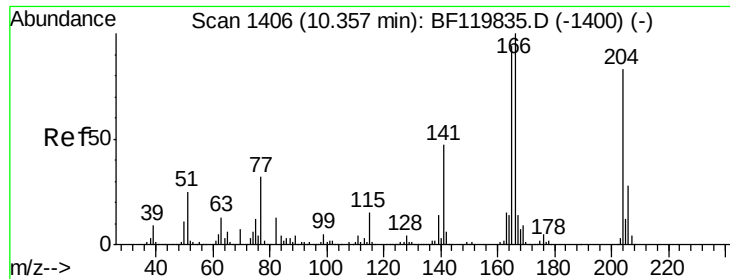


#60
 Diethylphthalate
 Concen: 46.000 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.8	25.2
150	12.7	9.8	14.6

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





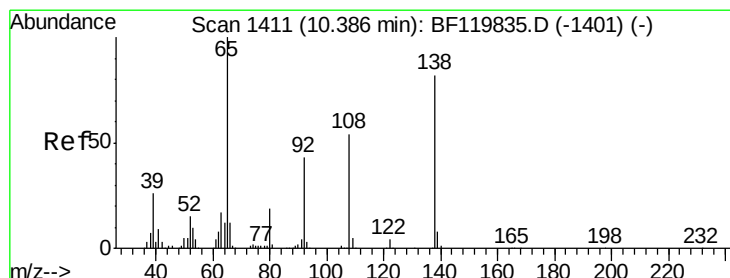
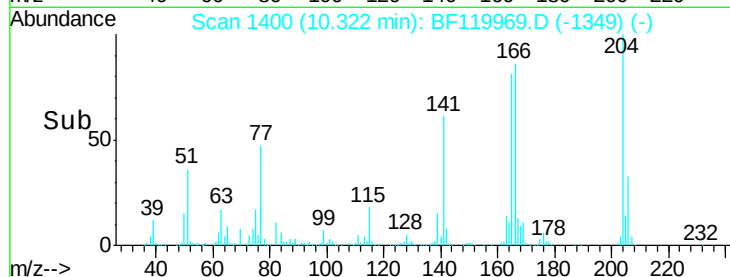
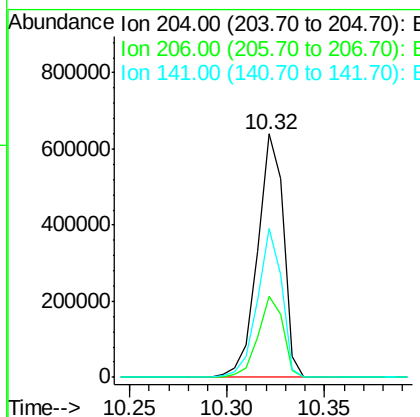
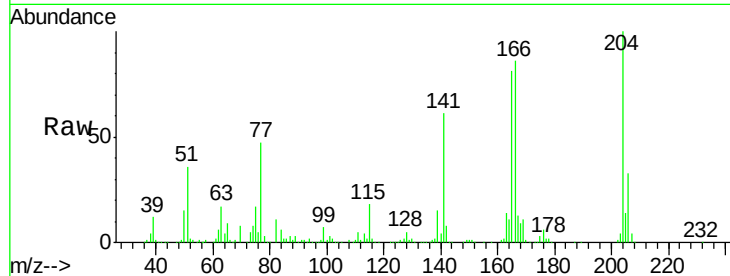
#61
 4-Chlorophenyl-phenylether
 Concen: 42.387 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion:	204	Resp:	587166
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.7	40.1
141	61.3	45.8	68.8

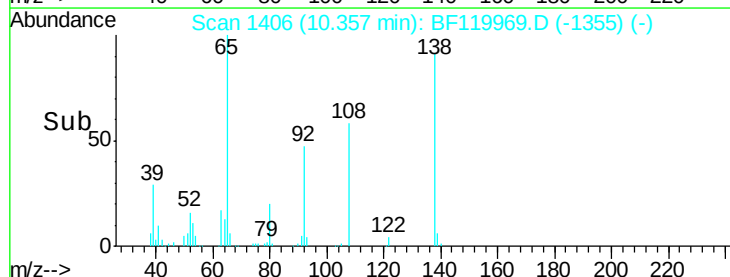
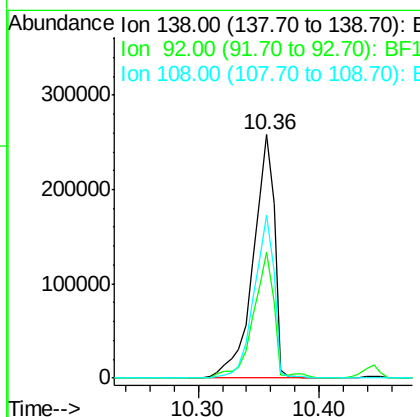
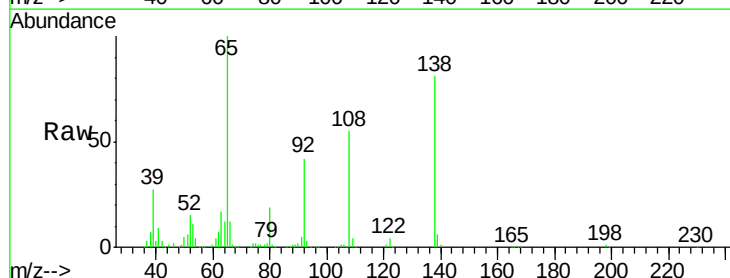
Manual Integrations
 APPROVED

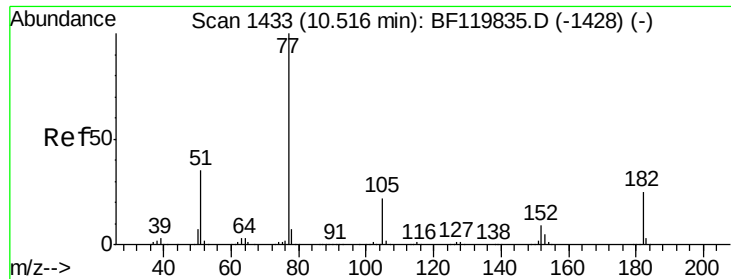
mohammad
 4/16/2020 12:51:32 PM



#62
 4-Nitroaniline
 Concen: 46.291 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion:	138	Resp:	318624
Ion Ratio	Lower	Upper	
138	100		
92	51.7	31.6	71.6
108	67.1	45.2	85.2





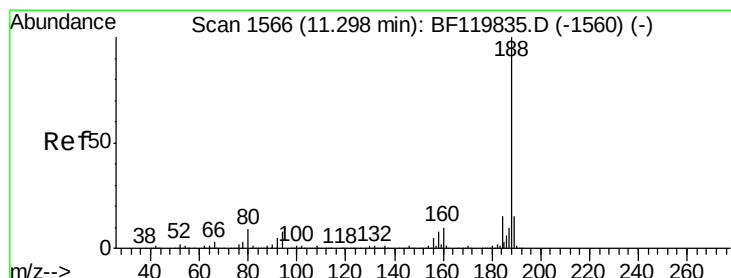
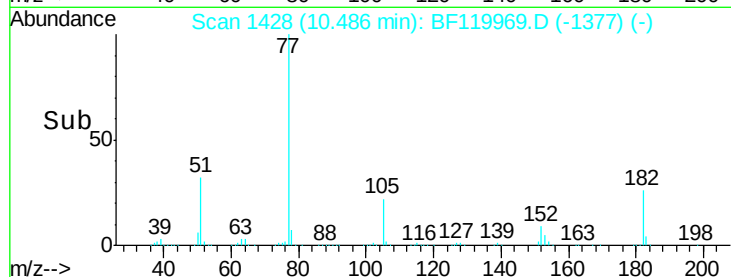
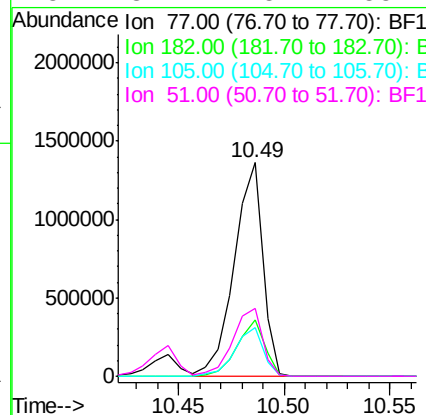
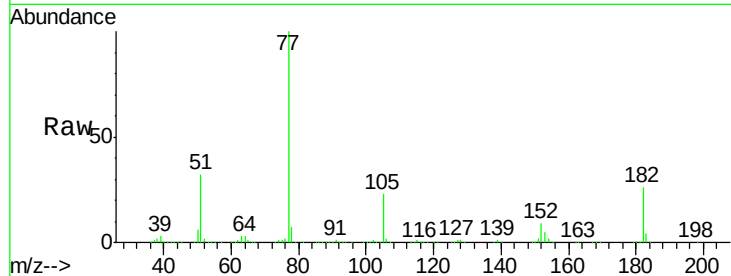
#63
Azobenzene
Concen: 47.359 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion: 77 Resp: 1270331
Ion Ratio Lower Upper
77 100
182 26.4 4.5 44.5
105 22.5 2.2 42.2
51 31.7 15.1 55.1

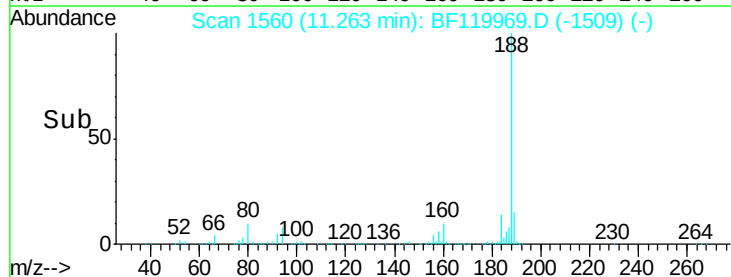
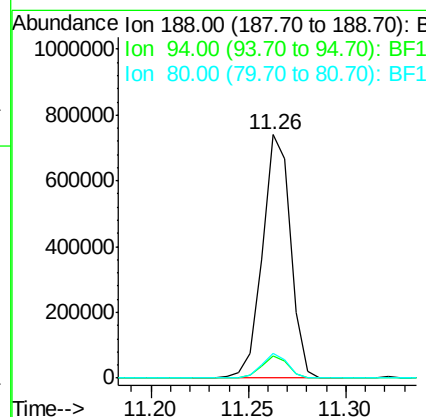
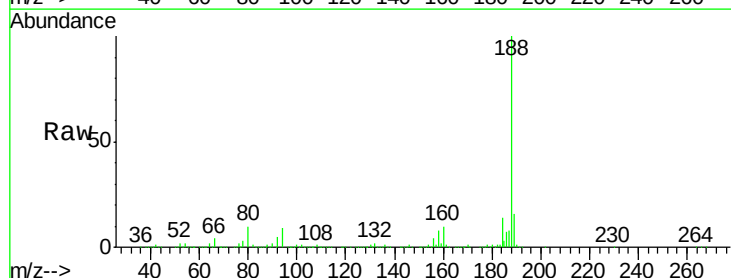
Manual Integrations
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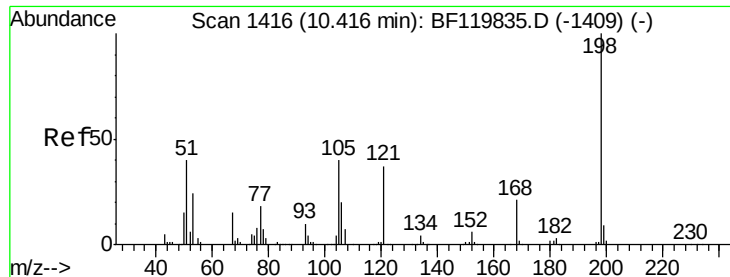
mohammad
4/16/2020 12:51:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion: 188 Resp: 738080
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 10.0 7.4 11.2





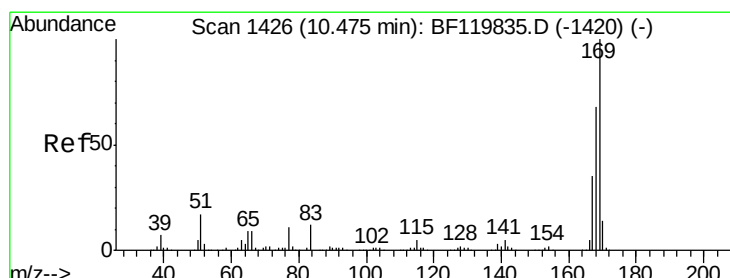
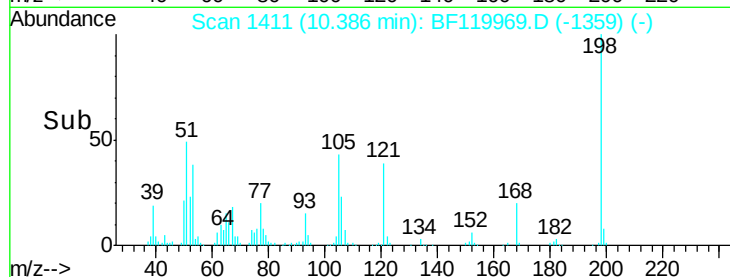
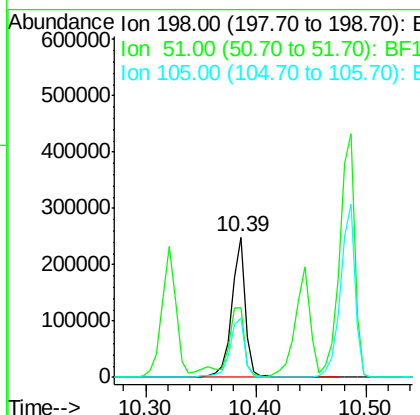
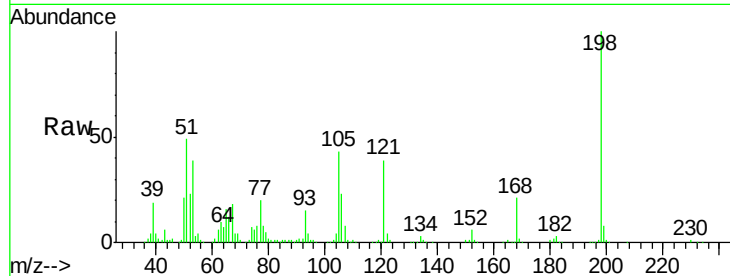
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.516 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	216460		
51	49.4	25.2	65.2	
105	42.5	20.8	60.8	

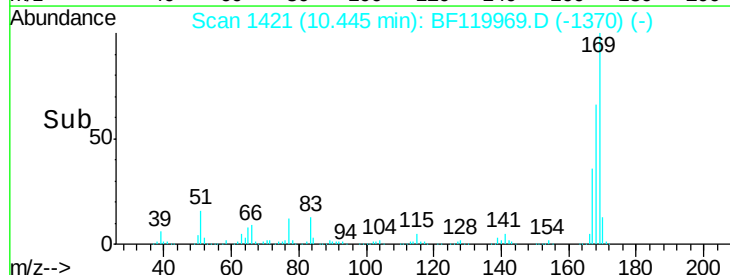
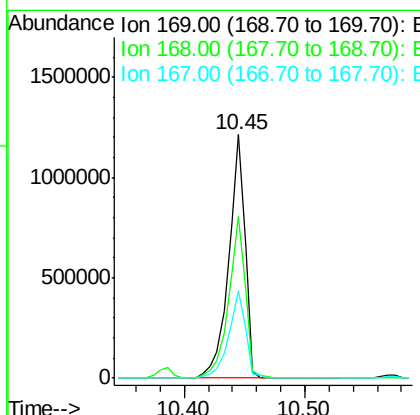
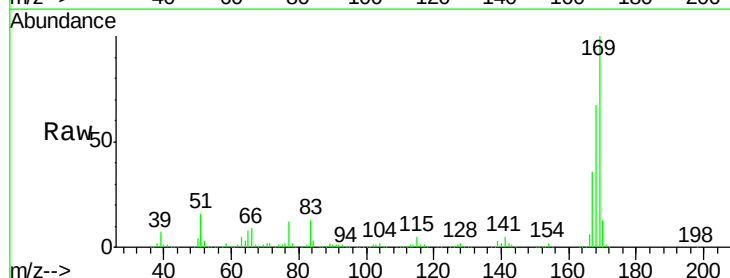
Manual Integrations
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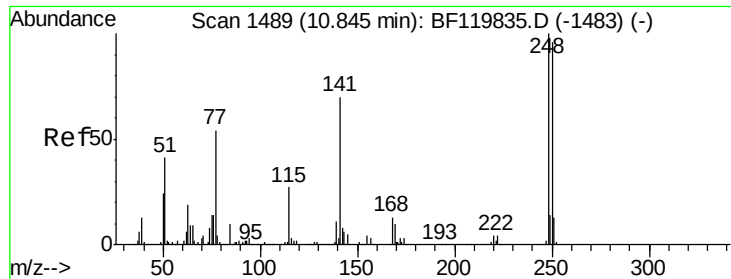
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 46.235 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1134904		
168	66.6	54.2	81.4	
167	35.8	28.3	42.5	





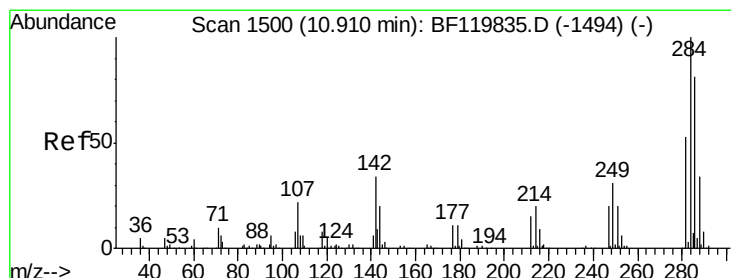
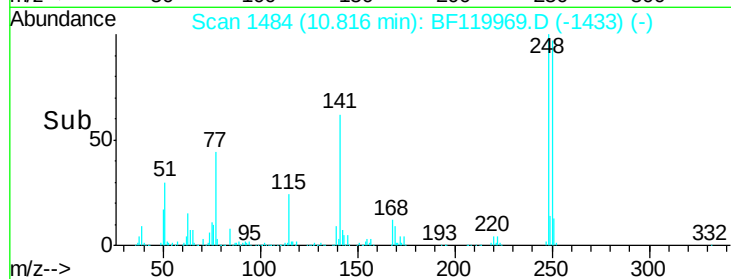
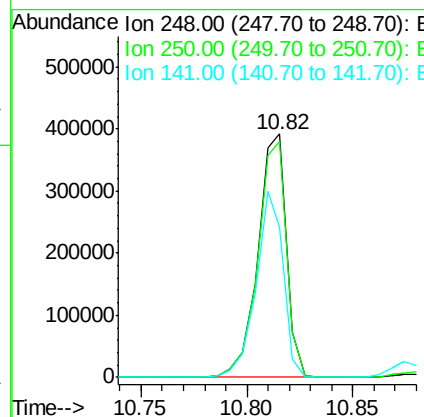
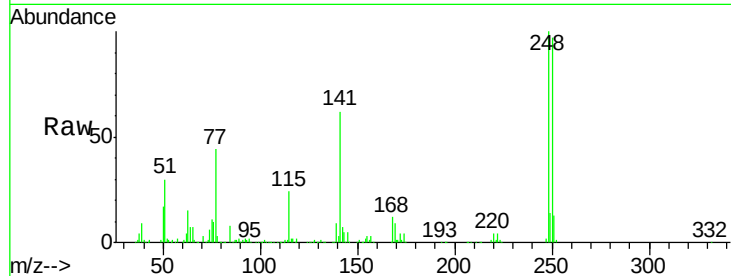
#67
4-Bromophenyl-phenylether
Concen: 40.233 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampled :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.6	114.8
141	61.9	55.9	83.9

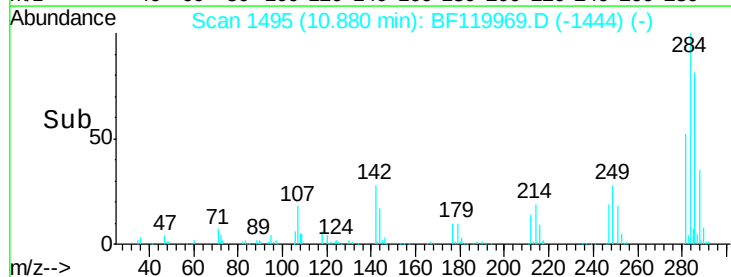
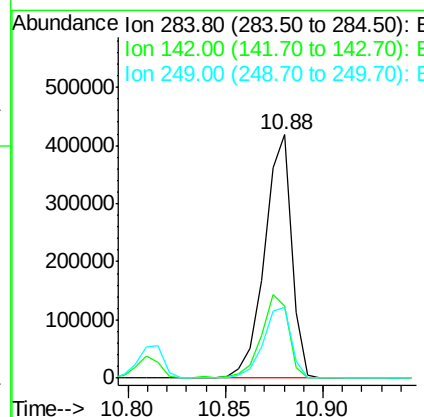
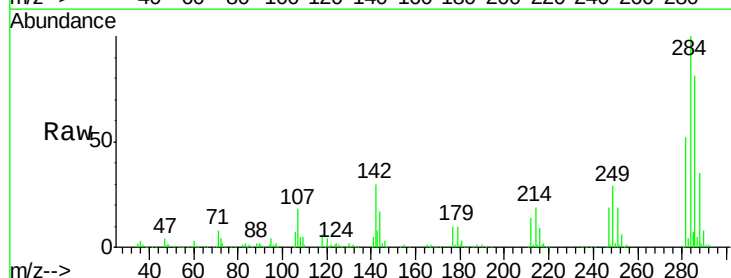
Manual Integrations
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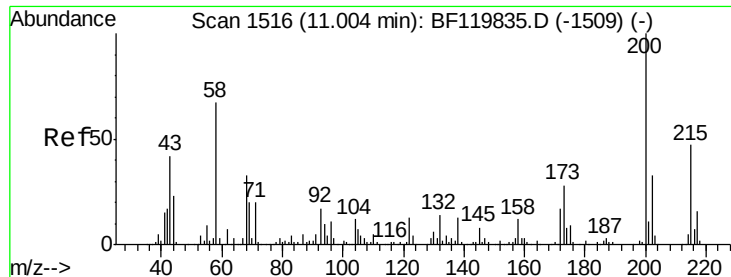
mohammad
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#68
Hexachlorobenzene
Concen: 43.113 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	26.9	40.3
249	29.1	24.6	37.0





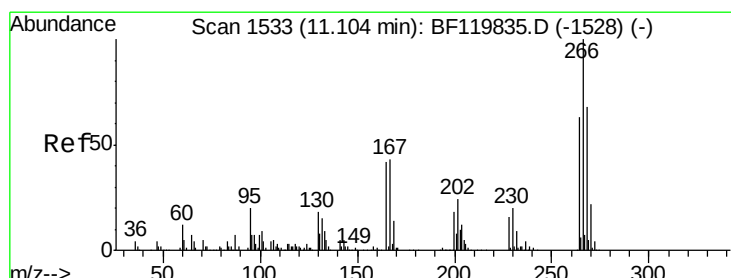
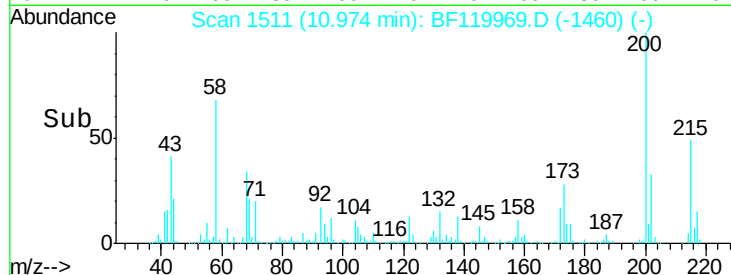
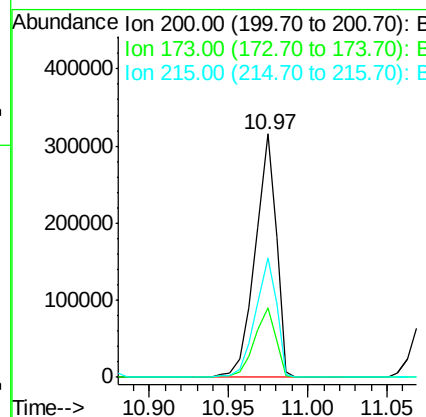
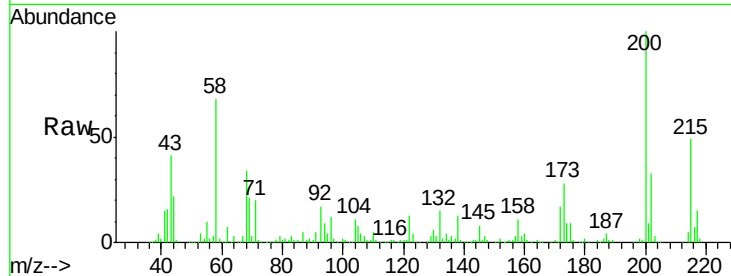
#69
Atrazine
Concen: 42.721 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	8.0	48.0
215	49.2	27.1	67.1

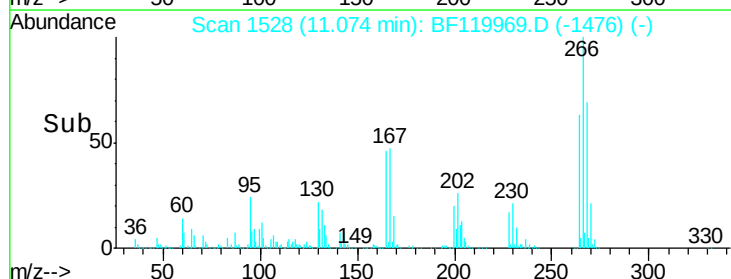
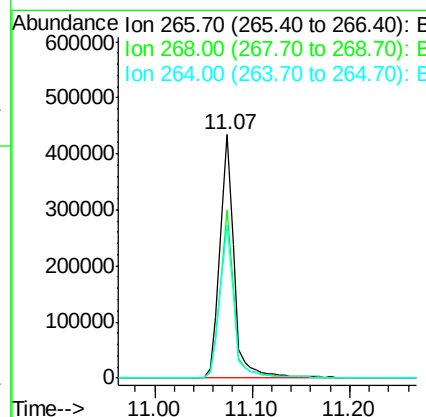
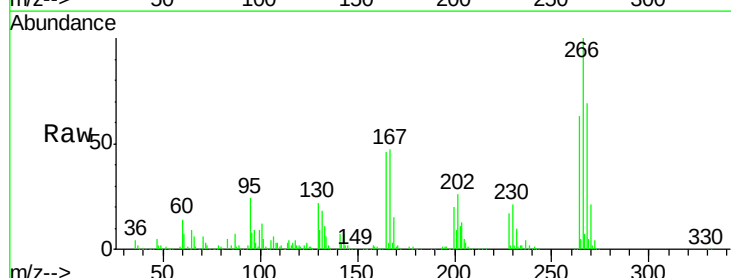
Manual Integrations
APPROVED

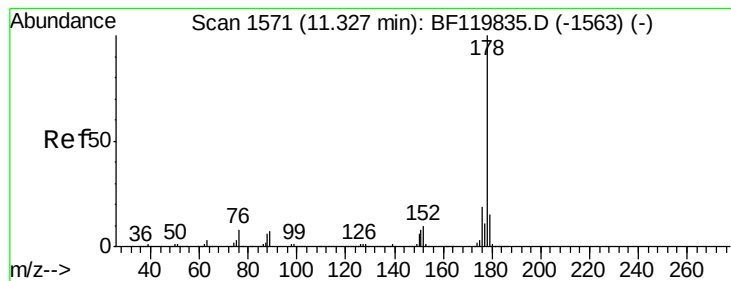
mohammad
4/16/2020 12:51:32 PM



#70
Pentachlorophenol
Concen: 83.098 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.8	54.2	81.4
264	62.9	50.6	76.0





#71

Phenanthrene

Concen: 45.850 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

ClientSampleId :

TP-32MSD

Tot Ion:178 Resp: 1801063

Ion Ratio Lower Upper

178 100

176 20.3 15.1 22.7

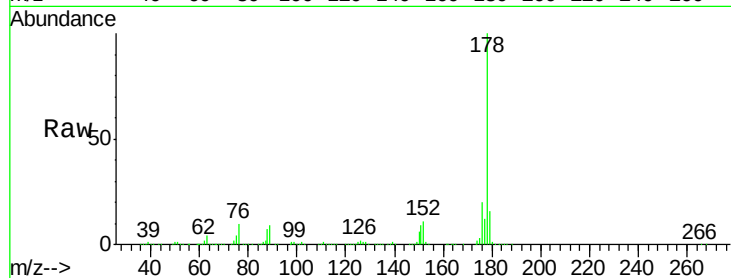
179 16.3 12.2 18.4

Manual Integrations

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mohammad

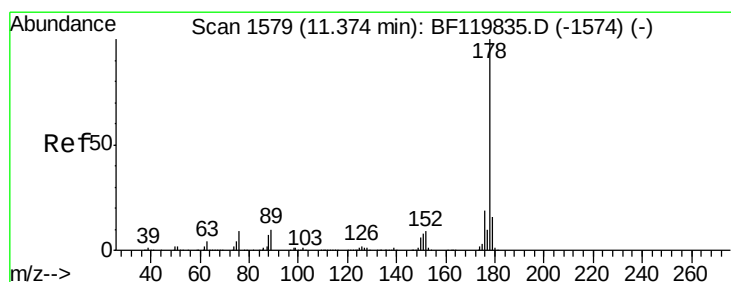
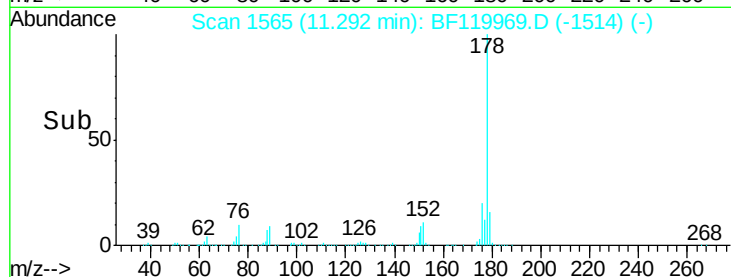
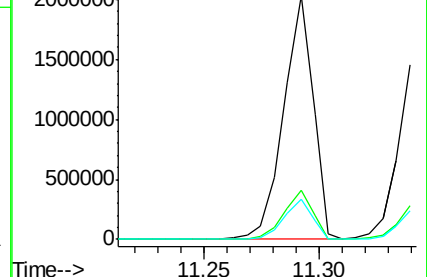
4/16/2020 12:51:32 PM



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: 45.888 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion:178 Resp: 1841420

Ion Ratio Lower Upper

178 100

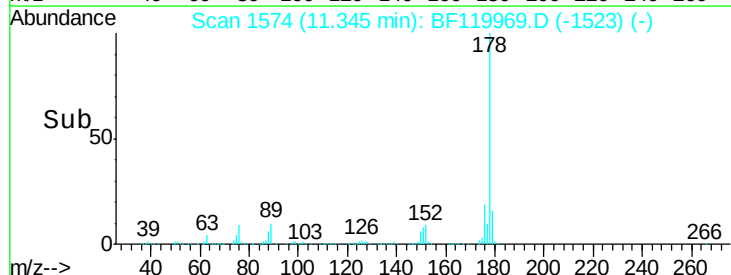
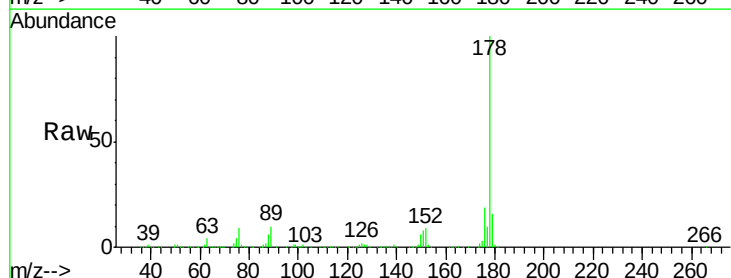
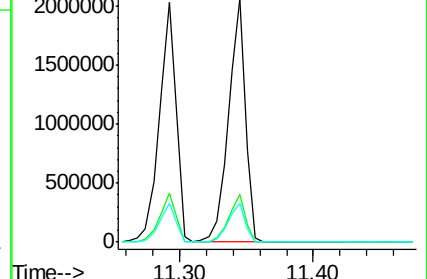
176 19.4 15.4 23.2

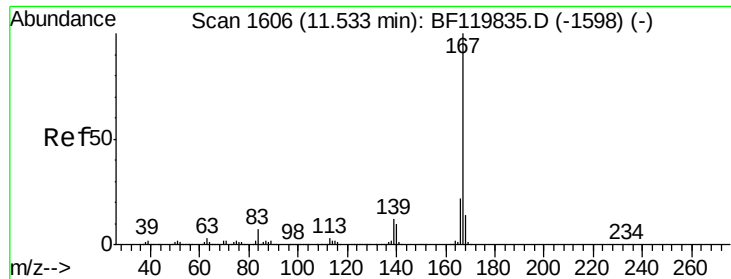
179 16.2 12.8 19.2

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





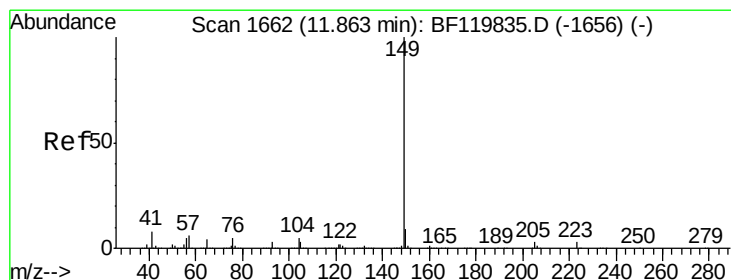
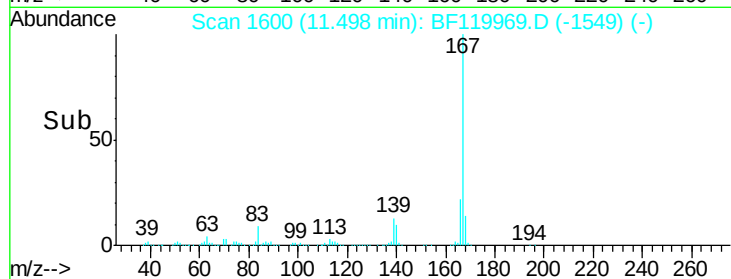
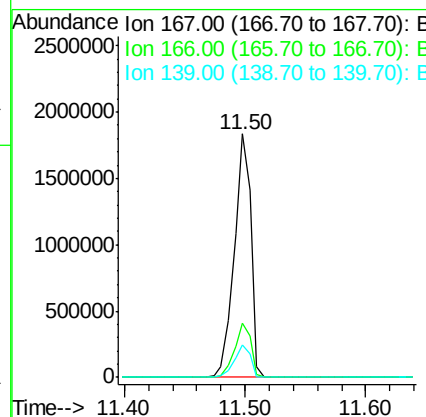
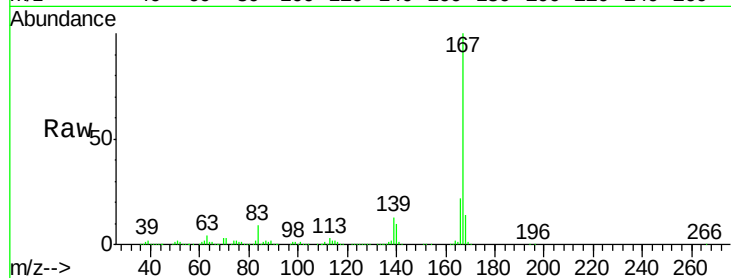
#73
 Carbazole
 Concen: 46.159 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	13.3	9.8	14.8

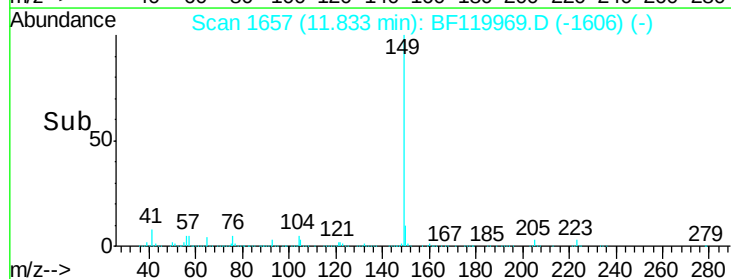
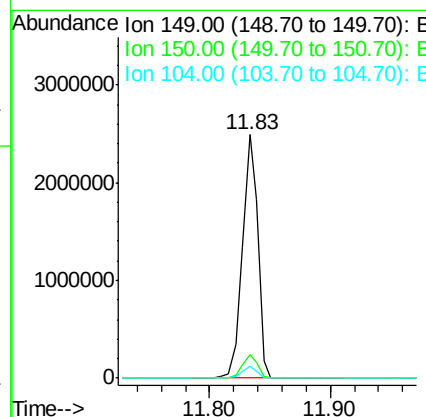
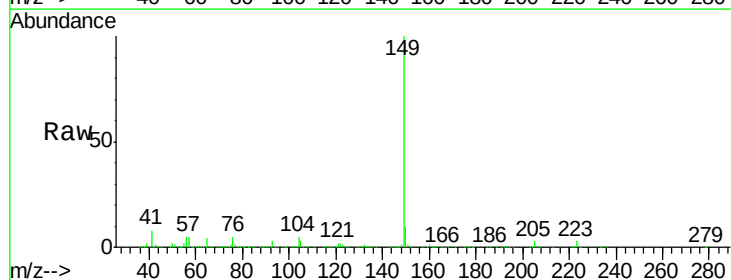
Manual Integrations
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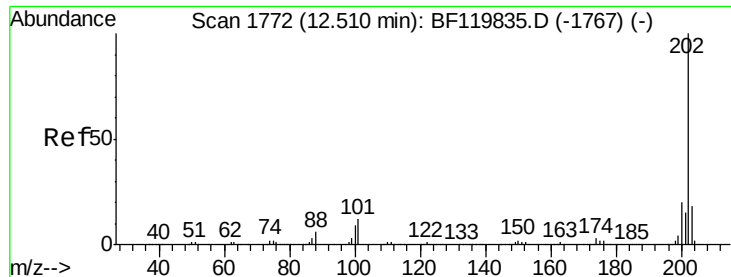
mohammad
 4/16/2020 12:51:32 PM



#74
 Di-n-butylphthalate
 Concen: 44.214 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	4.8	3.8	5.6





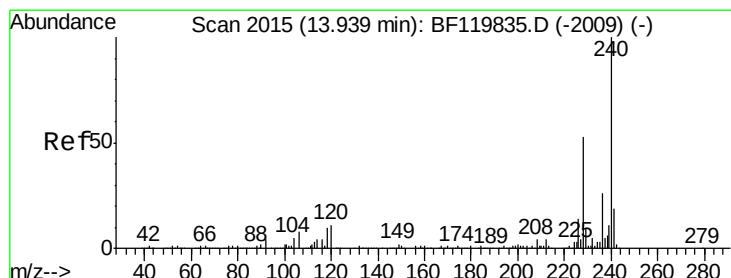
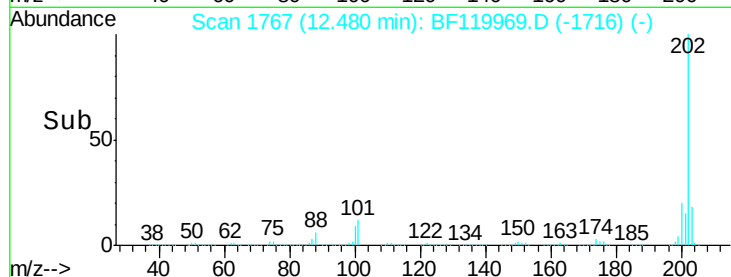
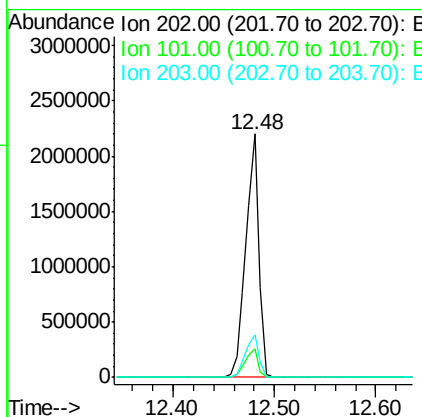
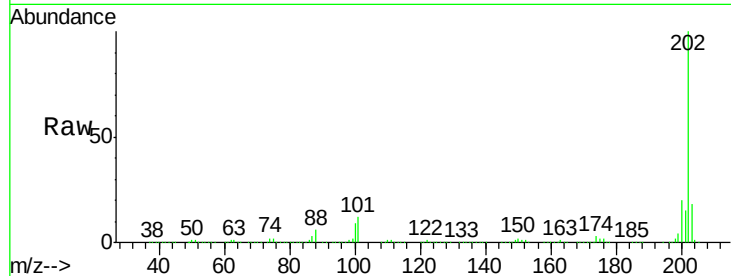
#75
 Fluoranthene
 Concen: 46.730 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.3
203	17.8	0.0	37.6

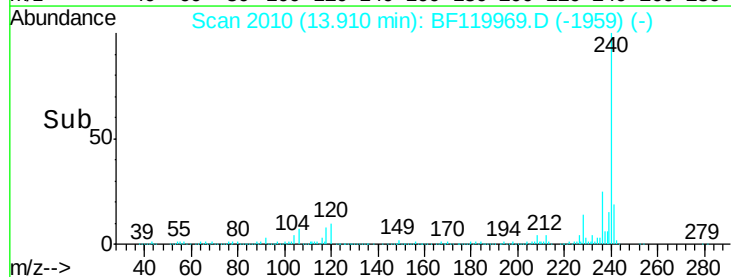
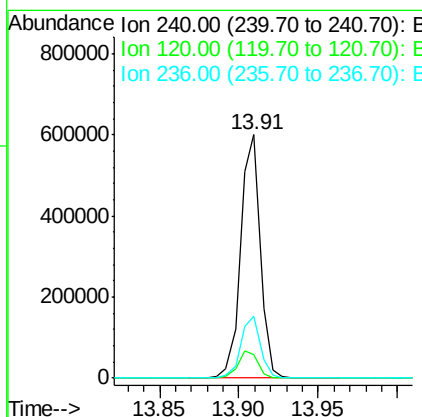
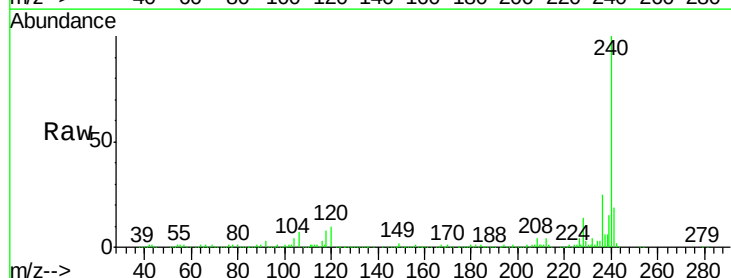
Manual Integrations
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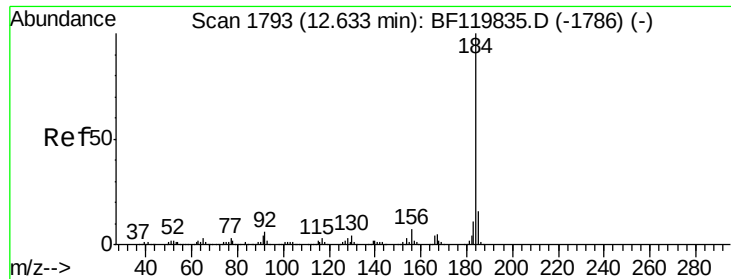
mohammad
 4/16/2020 12:51:32 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.0	13.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 3.567 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

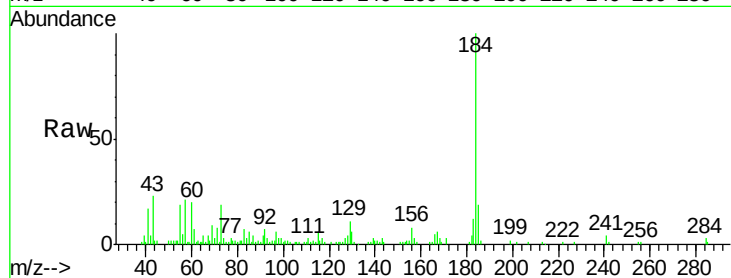
ClientSampleId :

TP-32MSD

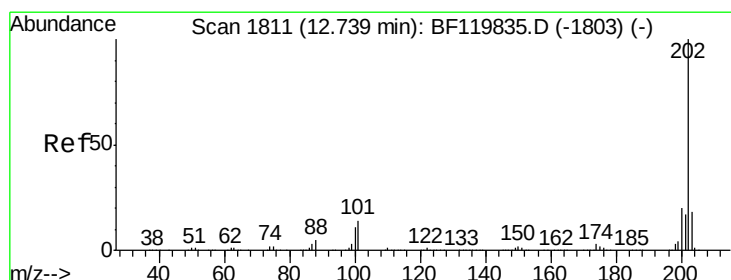
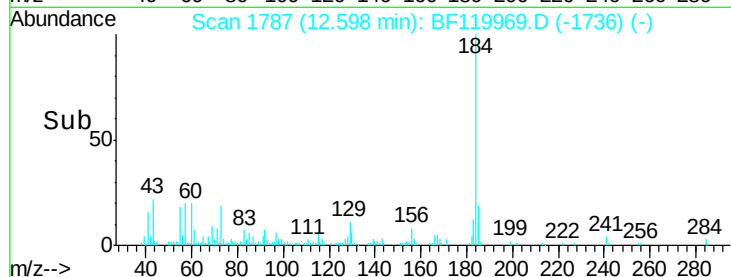
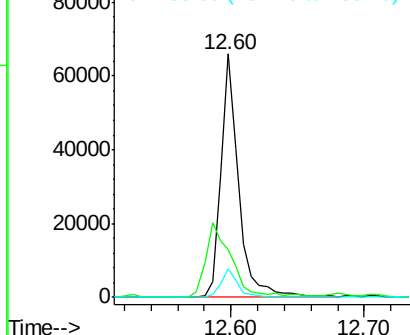
Tot Ion:184	Resp:	62201
Ion Ratio	Lower	Upper
184	100	
185	19.4	13.2 19.8
183	11.6	9.1 13.7

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



#78

Pyrene

Concen: 45.569 ng

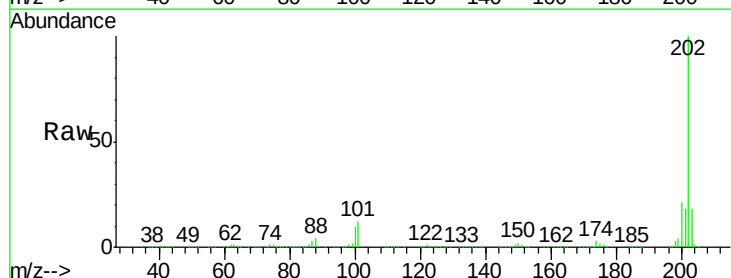
RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

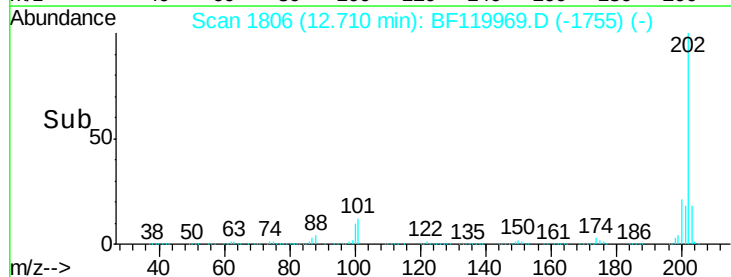
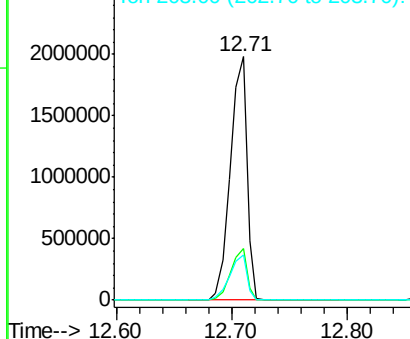
Lab File: BF119969.D

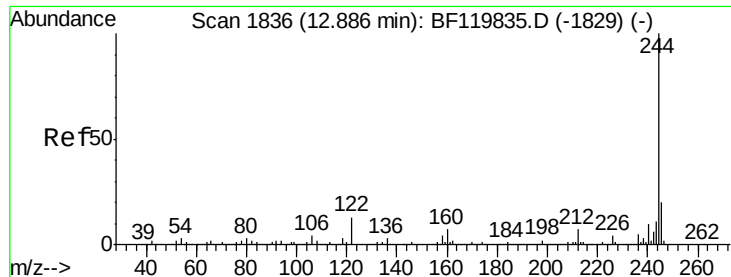
Acq: 14 Apr 2020 23:03

Tgt Ion:202	Resp:	1981596
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.2 24.2
203	18.4	14.1 21.1



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





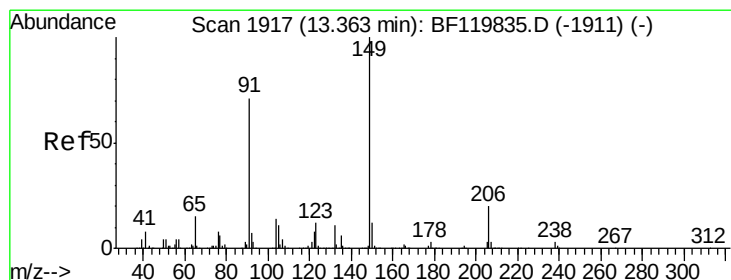
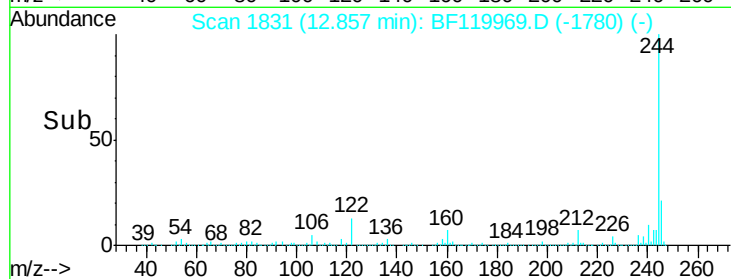
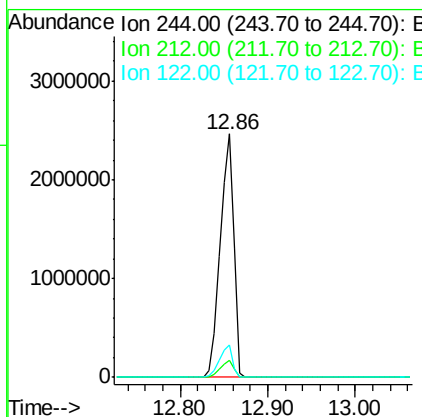
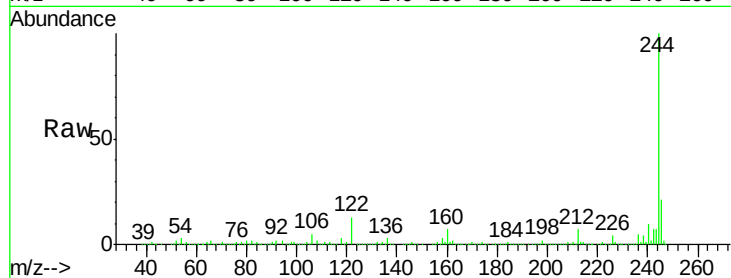
#79
 Terphenyl-d14
 Concen: 86.808 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.4	10.3	15.5

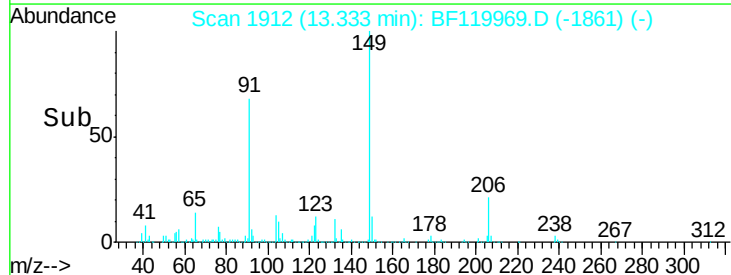
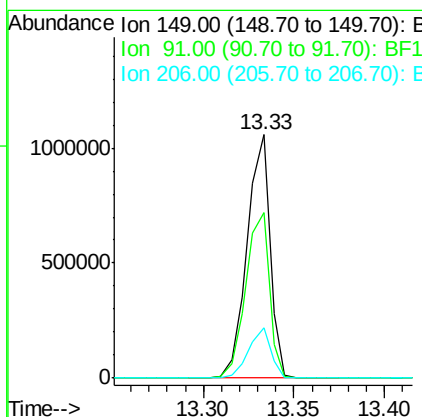
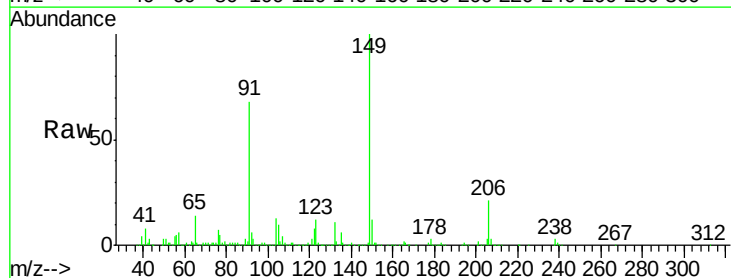
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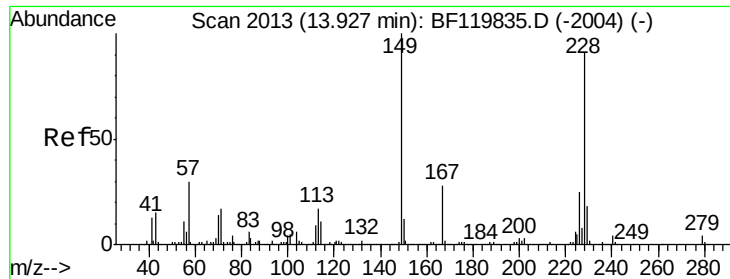
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#80
 Butylbenzylphthalate
 Concen: 44.105 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	56.7	85.1
206	20.6	15.7	23.5





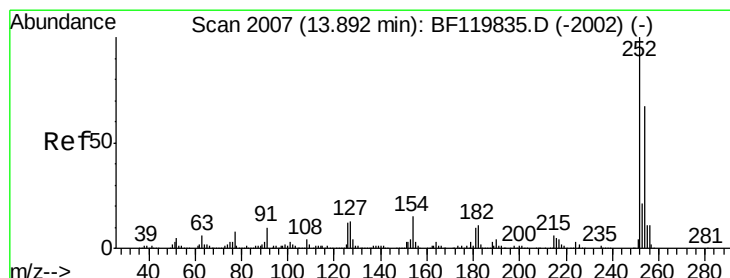
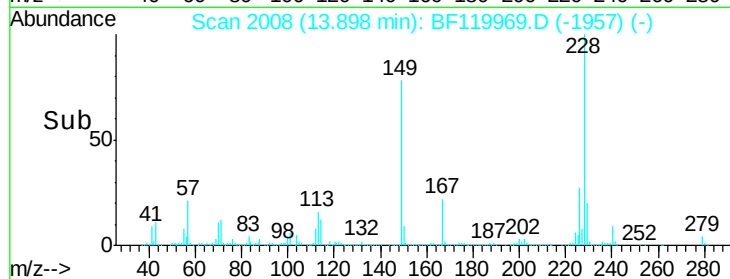
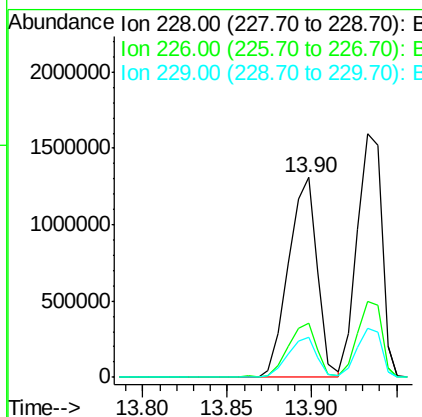
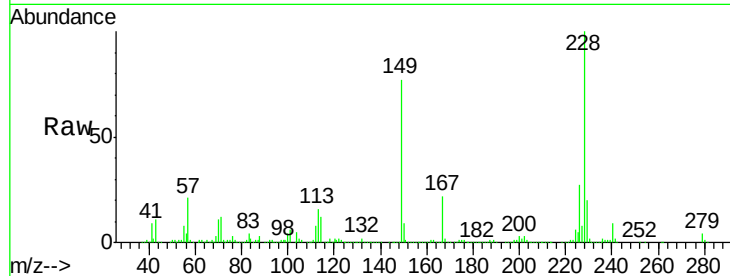
#81
Benzo(a)anthracene
Concen: 45.477 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion:228 Resp: 1543249
Ion Ratio Lower Upper
228 100
226 27.5 21.9 32.9
229 19.8 15.9 23.9

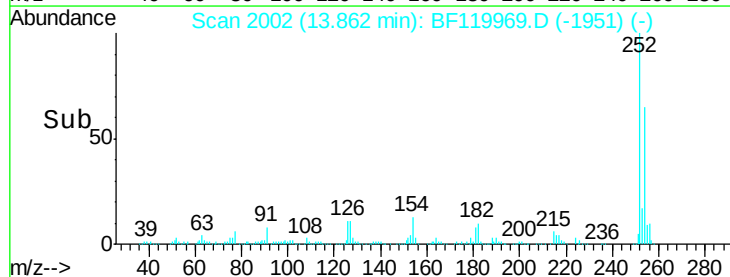
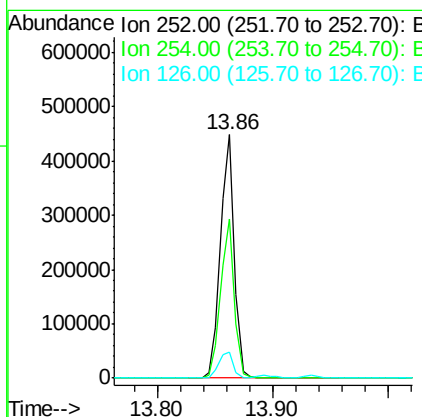
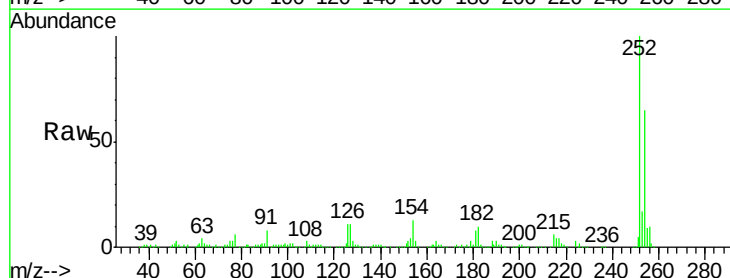
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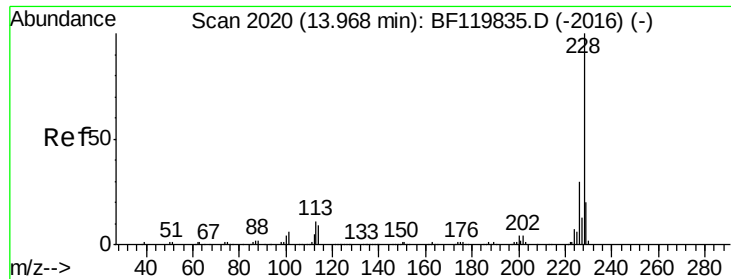
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#82
3,3'-Dichlorobenzidine
Concen: 29.546 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion:252 Resp: 374100
Ion Ratio Lower Upper
252 100
254 65.2 53.9 80.9
126 10.8 9.7 14.5





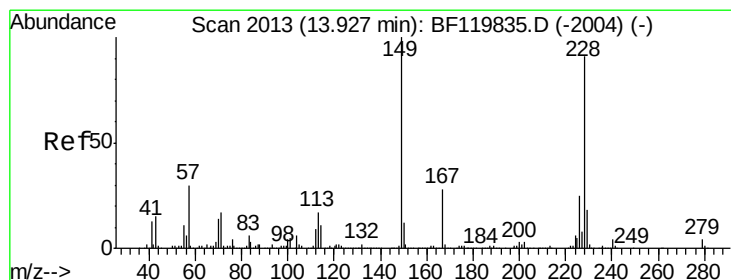
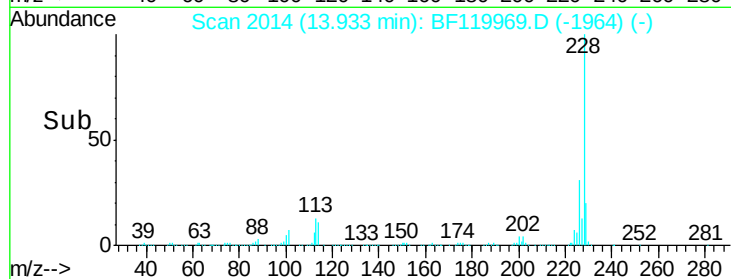
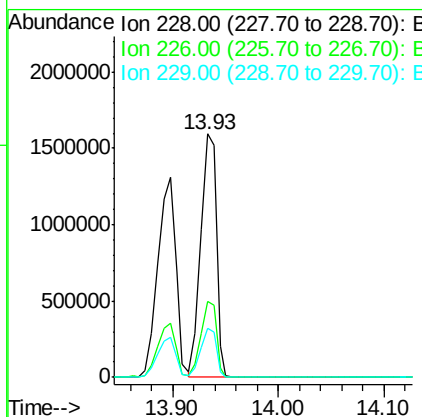
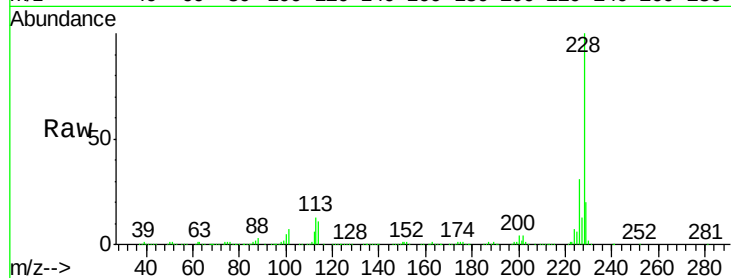
#83
 Chrysene
 Concen: 47.111 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MSD

Tot Ion:228 Resp: 1624413
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.2 36.2
 229 20.4 15.9 23.9

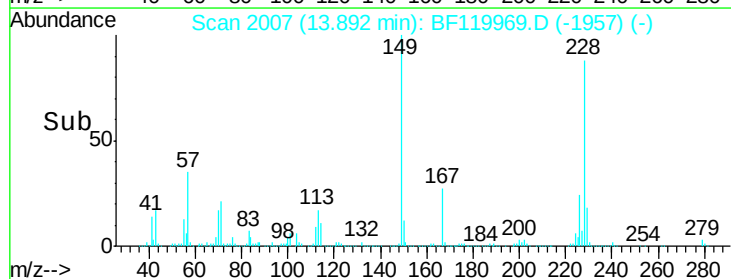
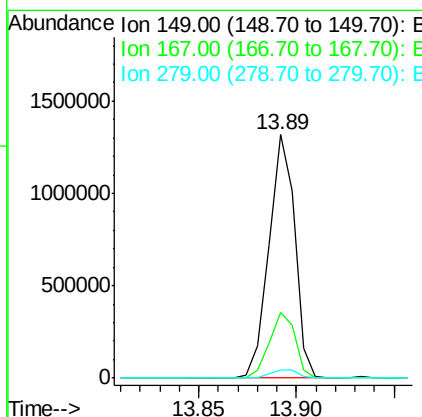
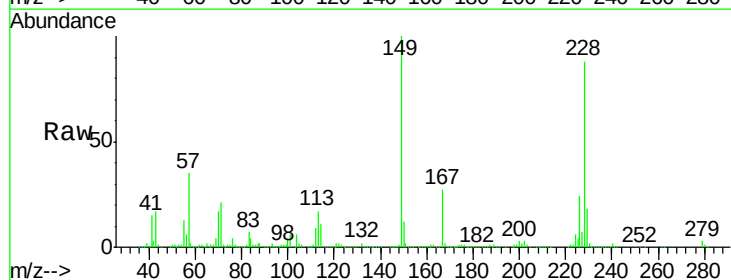
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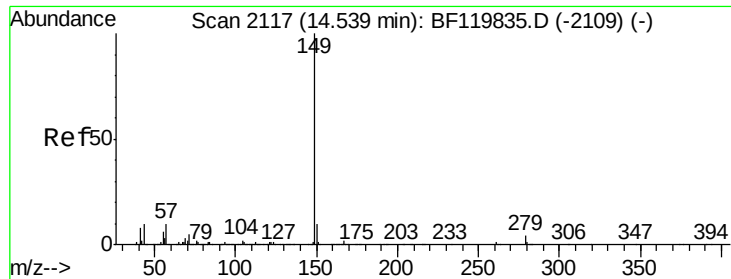
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.376 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF119969.D
 Acq: 14 Apr 2020 23:03

Tgt Ion:149 Resp: 1210873
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.3 3.4 5.0#





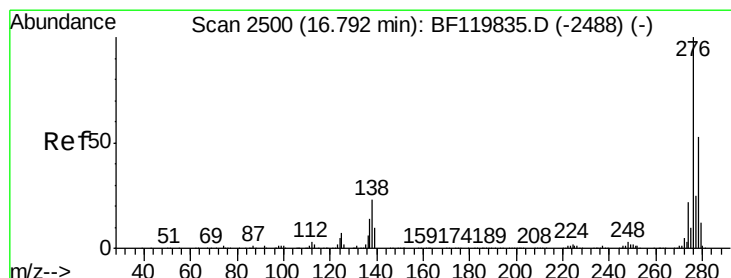
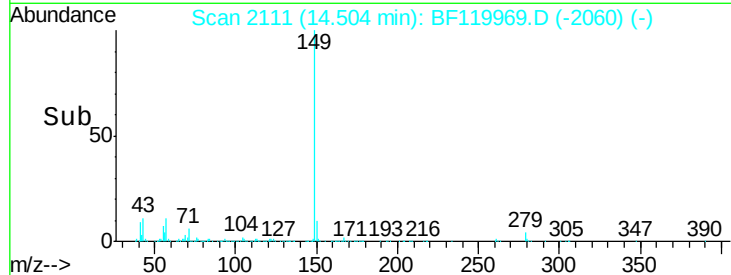
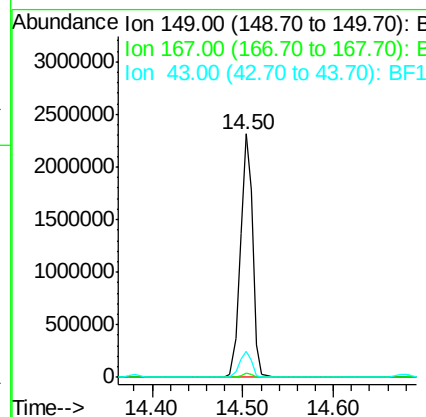
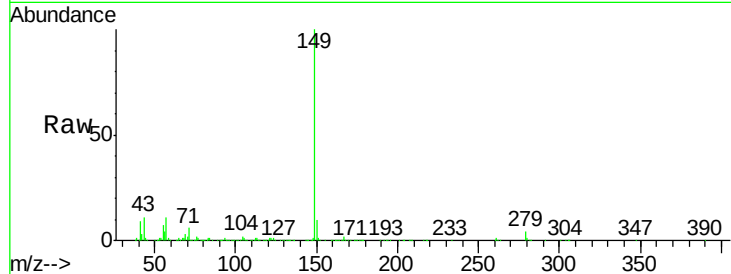
#85
Di-n-octyl phthalate
Concen: 45.351 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.8	9.2	13.8

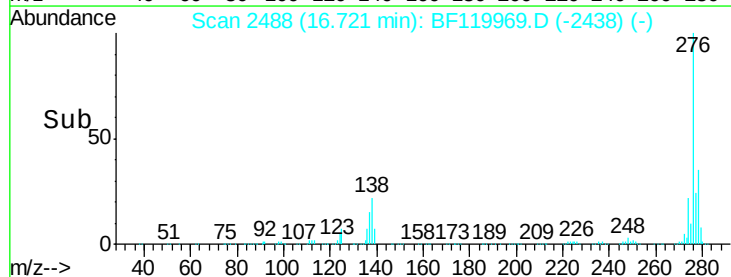
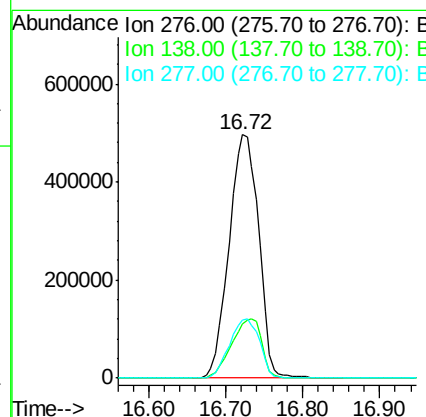
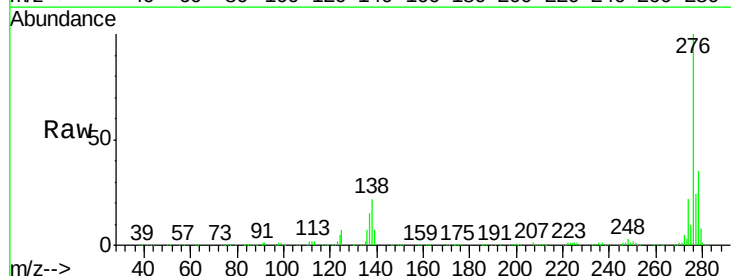
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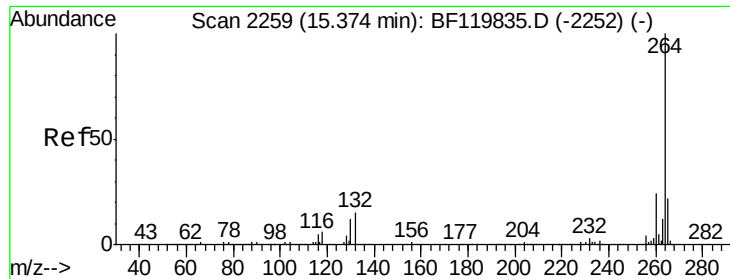
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.868 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	18.0	27.0
277	24.8	20.1	30.1





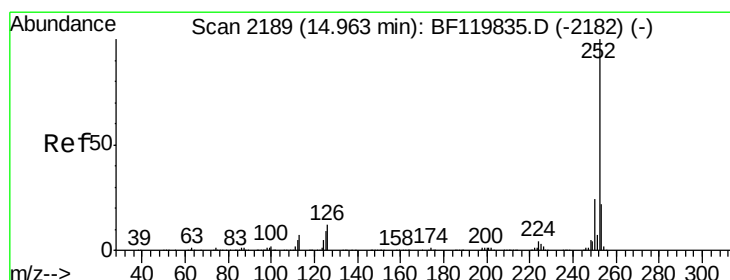
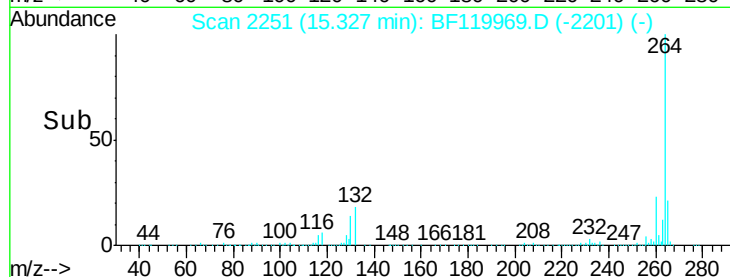
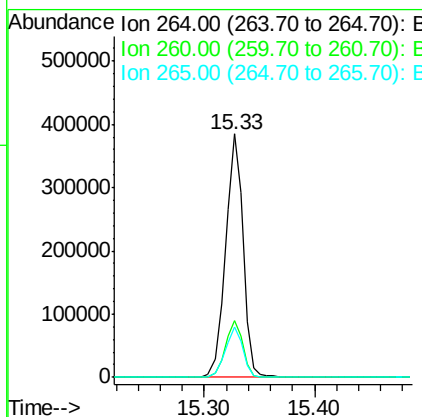
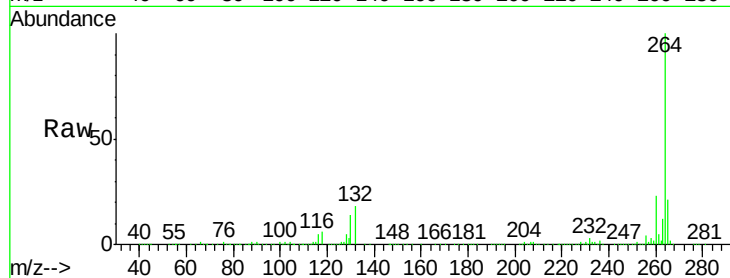
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	20.9	17.6	26.4

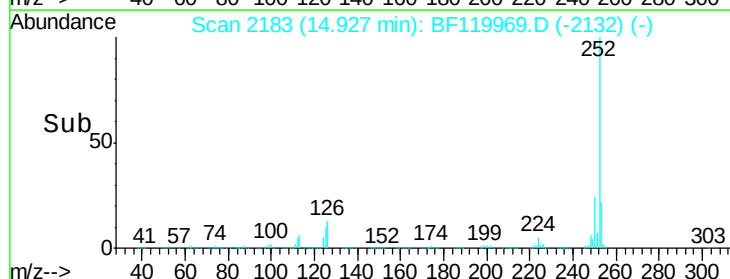
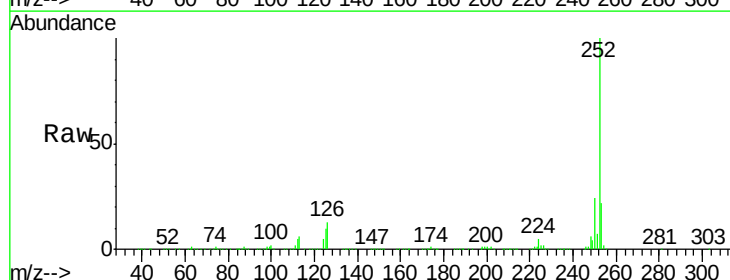
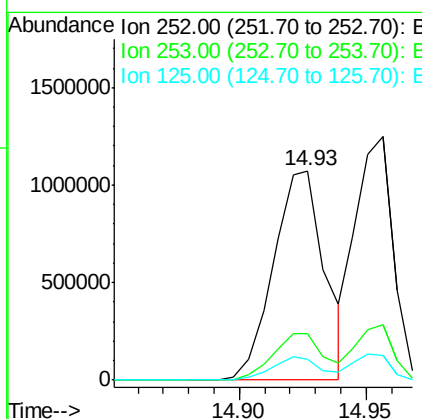
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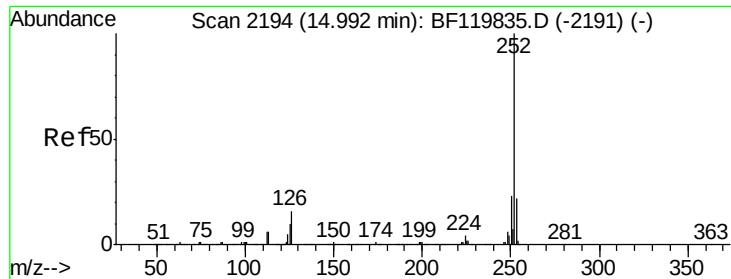
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#88
Benzo(b)fluoranthene
Concen: 49.263 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.8	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 49.133 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Instrument :

BNA_F

ClientSampleId :

TP-32MSD

Tot Ion:252 Resp: 1301533

Ion Ratio Lower Upper

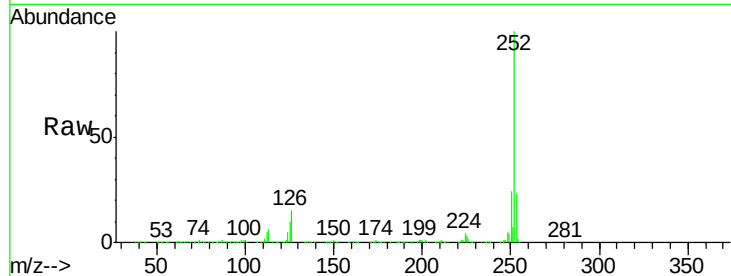
252 100

253 22.7 17.8 26.8

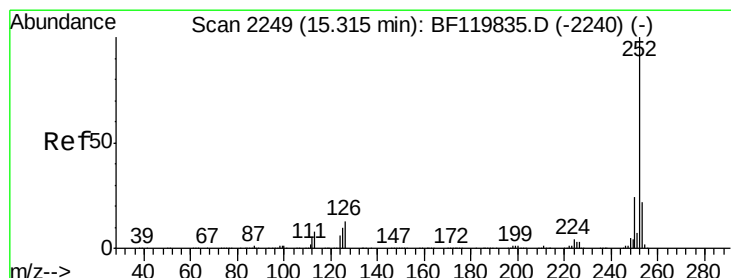
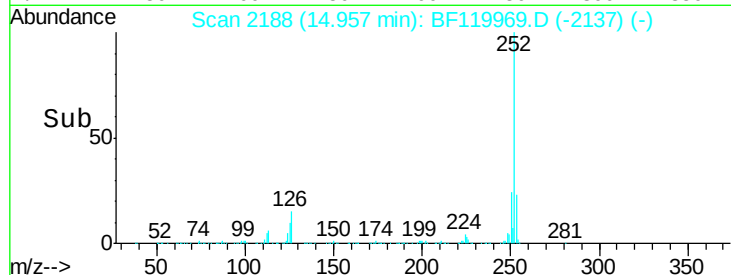
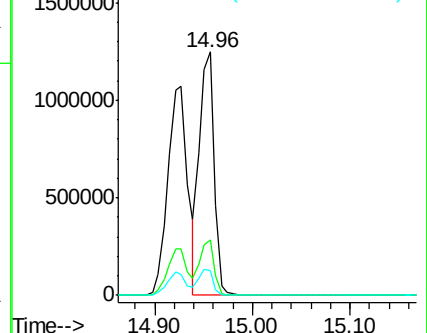
125 10.3 7.7 11.5

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.724 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF119969.D

Acq: 14 Apr 2020 23:03

Tgt Ion:252 Resp: 1231958

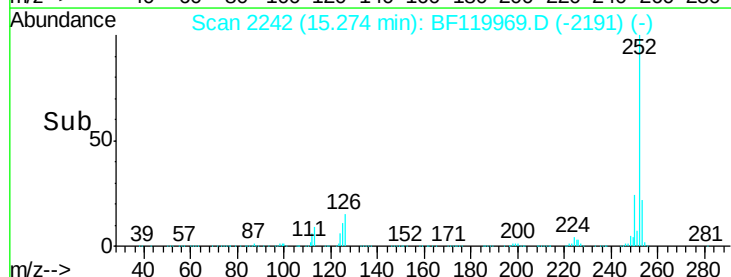
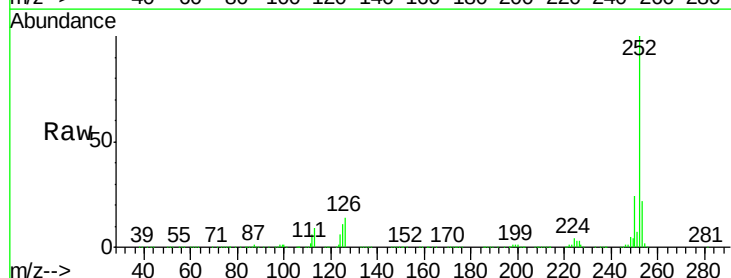
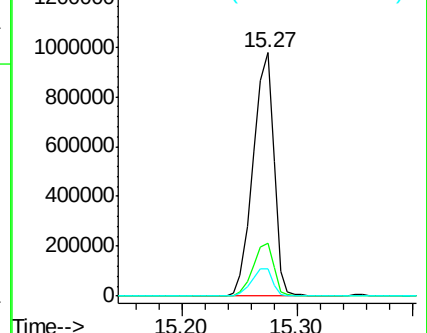
Ion Ratio Lower Upper

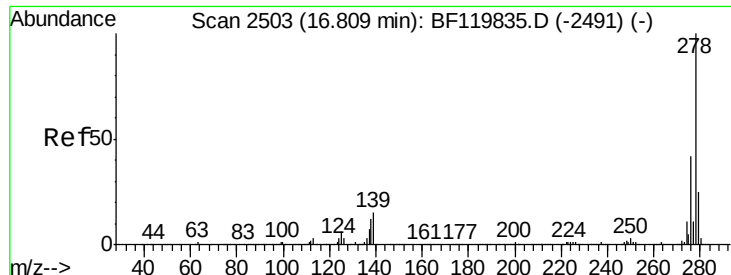
252 100

253 22.0 17.4 26.2

125 11.1 8.3 12.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





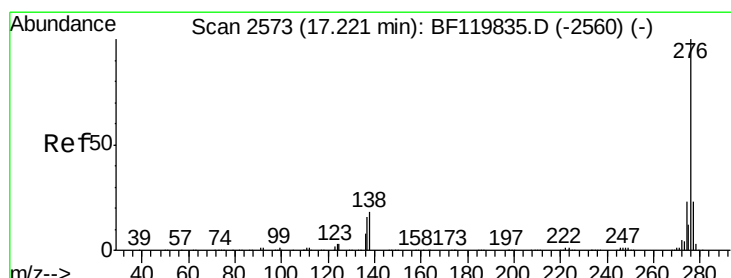
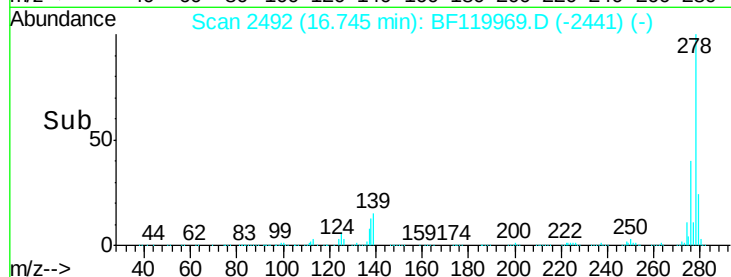
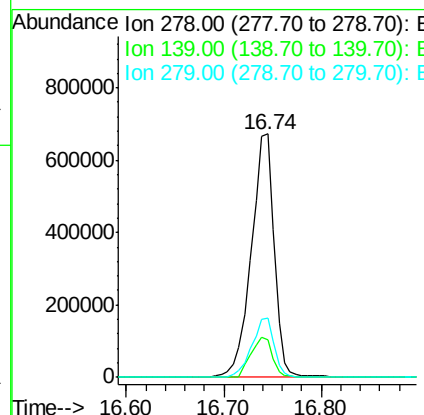
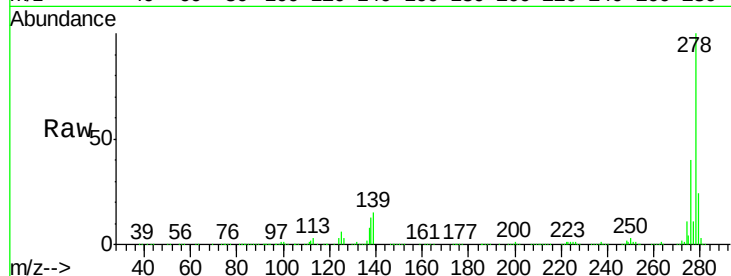
#91
Dibenzo(a,h)anthracene
Concen: 48.219 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Instrument :
BNA_F
ClientSampleId :
TP-32MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.6	17.4
279	24.2	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 47.997 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119969.D
Acq: 14 Apr 2020 23:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	22.1	14.6	22.0

