

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032020\
 Data File : BF119465.D
 Acq On : 20 Mar 2020 9:46
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 3/23/2020 9:40:33 AM

Quant Time: Mar 20 11:17:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	246130	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	918569	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	467568	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	887021	20.00	ng	0.00
76) Chrysene-d12	14.03	240	660163	20.00	ng	0.00
87) Perylene-d12	15.50	264	584027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1289636	83.41	ng	0.00
7) Phenol-d6	6.47	99	1656185	83.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1453669	86.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	447287	92.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2600706	82.40	ng	0.00
79) Terphenyl-d14	12.97	244	2774384	82.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	298200	39.051	ng	99
3) Pyridine	3.33	79	828510	39.383	ng	97
4) n-Nitrosodimethylamine	3.28	42	391951	38.205	ng	98
6) Aniline	6.52	93	1104917	40.534	ng	99
8) 2-Chlorophenol	6.63	128	710160	43.732	ng	97
9) Benzaldehyde	6.40	77	522182	41.677	ng	100
10) Phenol	6.49	94	877402	41.633	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	690937	40.993	ng	98
12) 1,3-Dichlorobenzene	6.79	146	744889	42.383	ng	99
13) 1,4-Dichlorobenzene	6.87	146	745765	42.422	ng	98
14) 1,2-Dichlorobenzene	7.03	146	711404	43.294	ng	98
15) Benzyl Alcohol	6.99	79	627962	42.267	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1346389	39.602	ng	98
17) 2-Methylphenol	7.10	107	627406	42.169	ng	98
18) Hexachloroethane	7.37	117	277705	43.106	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	482618	40.540	ng	98
20) 3+4-Methylphenols	7.26	107	777096m	42.618	ng	
22) Acetophenone	7.26	105	897764	40.902	ng	98
24) Nitrobenzene	7.43	77	757140	41.917	ng	99
25) Isophorone	7.67	82	1377504	40.177	ng	99
26) 2-Nitrophenol	7.75	139	356450	50.120	ng	98
27) 2,4-Dimethylphenol	7.79	122	579852	39.430	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	826025	40.743	ng	100
29) 2,4-Dichlorophenol	7.99	162	573302	42.429	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	625641	41.868	ng	99
31) Naphthalene	8.16	128	1968658	41.647	ng	100
32) Benzoic acid	7.90	122	462569	48.900	ng	96
33) 4-Chloroaniline	8.20	127	887508	40.974	ng	99
34) Hexachlorobutadiene	8.28	225	363212	43.442	ng	98
35) Caprolactam	8.57	113	183499	41.495	ng	# 90
36) 4-Chloro-3-methylphenol	8.69	107	620205	41.996	ng	98
37) 2-Methylnaphthalene	8.85	142	1308227	42.169	ng	100
38) 1-Methylnaphthalene	8.95	142	1224973	41.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	585088	42.692	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	325716	41.805	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	420906	42.917	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	477493	43.461	nq	97
46) 1,1'-Biphenyl	9.32	154	1604329	42.129	nq	97
47) 2-Chloronaphthalene	9.35	162	1248869	41.867	nq	98
48) 2-Nitroaniline	9.43	65	466801	45.338	nq	97
49) Acenaphthylene	9.76	152	1944471	41.510	nq	99
50) Dimethylphthalate	9.62	163	1412565	42.532	nq	100
51) 2,6-Dinitrotoluene	9.68	165	321734	45.196	nq #	84
52) Acenaphthene	9.93	154	1245745	42.659	nq	100
53) 3-Nitroaniline	9.85	138	396494	44.117	nq	99
54) 2,4-Dinitrophenol	9.95	184	152463	52.270	nq #	83
55) Dibenzofuran	10.10	168	1760286	42.043	nq	100
56) 4-Nitrophenol	10.00	139	315961	44.566	nq	98
57) 2,4-Dinitrotoluene	10.08	165	425705	47.471	nq	94
58) Fluorene	10.45	166	1325053	42.797	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	367191	44.712	nq	100
60) Diethylphthalate	10.32	149	1444210	42.845	nq	99
61) 4-Chlorophenyl-phenylether	10.44	204	655779	43.312	nq	98
62) 4-Nitroaniline	10.46	138	386666	44.866	nq	98
63) Azobenzene	10.60	77	1395726	41.118	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	204100	54.873	nq	87
66) n-Nitrosodiphenylamine	10.56	169	1227224	42.144	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	423882	41.960	nq	91
68) Hexachlorobenzene	11.00	284	445856	43.123	nq	94
69) Atrazine	11.09	200	341657	42.797	nq	97
70) Pentachlorophenol	11.19	266	272203	44.900	nq	97
71) Phenanthrene	11.41	178	1956075	42.529	nq	99
72) Anthracene	11.46	178	2000409	42.793	nq	99
73) Carbazole	11.62	167	1976123	42.709	nq	100
74) Di-n-butylphthalate	11.95	149	2171105	43.864	nq	99
75) Fluoranthene	12.60	202	2143213	43.056	nq	98
77) Benzidine	12.72	184	1126018	40.304	nq	99
78) Pyrene	12.83	202	2182411	40.282	nq	99
80) Butylbenzylphthalate	13.45	149	935409	42.687	nq	98
81) Benzo(a)anthracene	14.02	228	1731981	40.345	nq	100
82) 3,3'-Dichlorobenzidine	13.98	252	706953	41.766	nq	98
83) Chrysene	14.06	228	1772734	40.012	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1125428	43.083	nq	99
85) Di-n-octyl phthalate	14.63	149	1938891	42.204	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1472292	35.284	nq	98
88) Benzo(b)fluoranthene	15.07	252	1621988	41.576	nq	99
89) Benzo(k)fluoranthene	15.10	252	1561543	42.035	nq	99
90) Benzo(a)pyrene	15.44	252	1466744	41.370	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1203053	38.795	nq	99
92) Benzo(g,h,i)perylene	17.42	276	1204312	38.656	nq	97

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

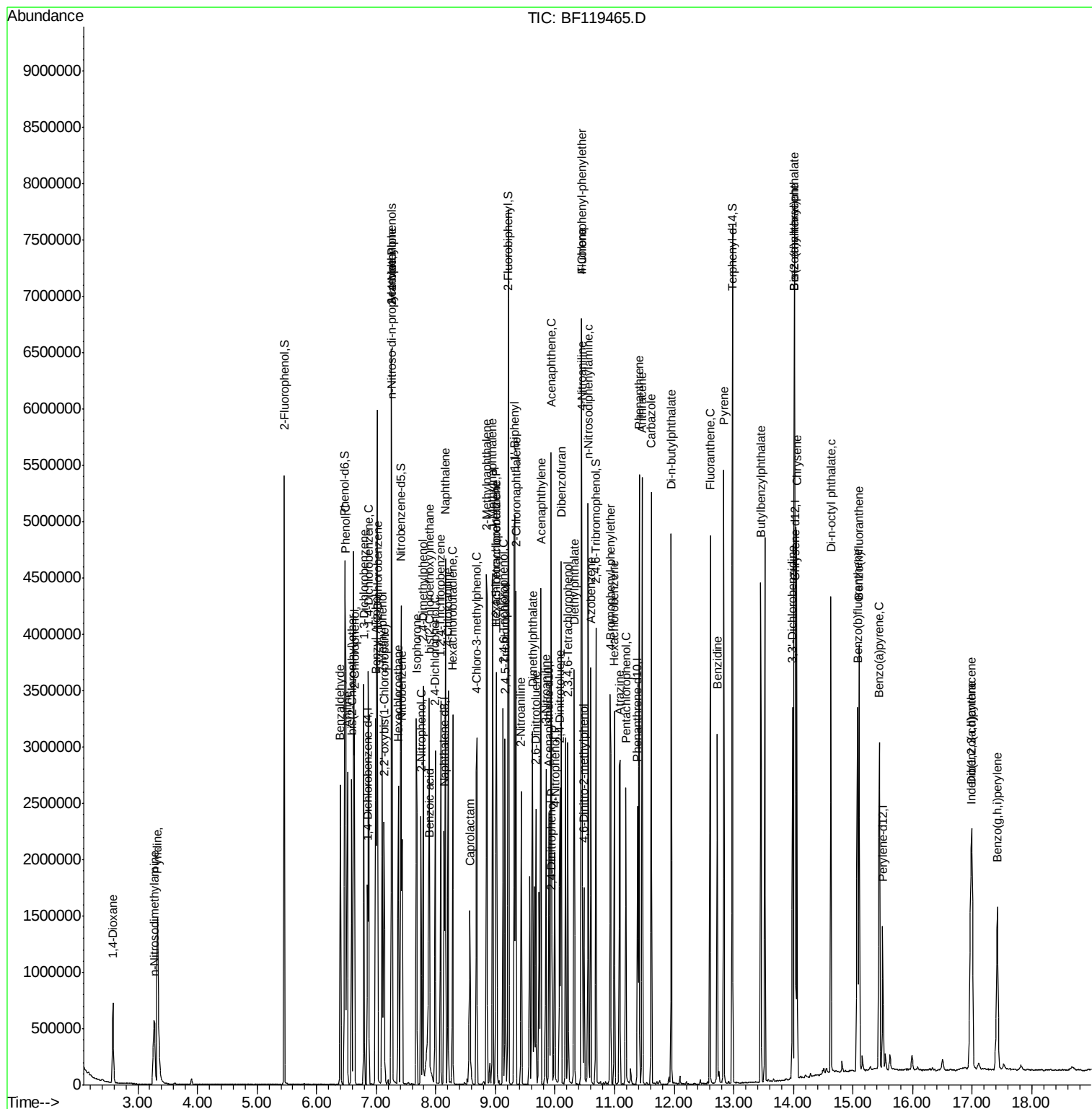
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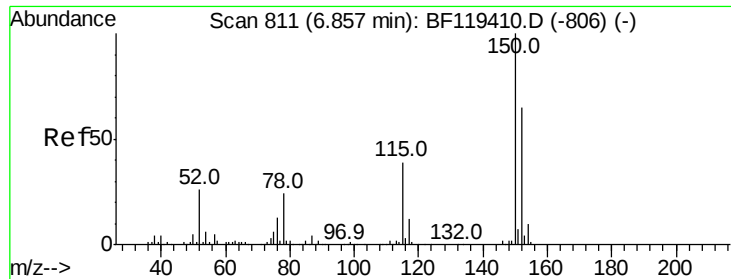
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

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#1

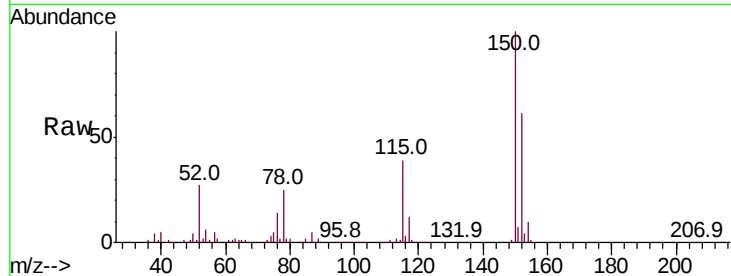
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.7	123.9	185.9
115	63.4	47.8	71.6

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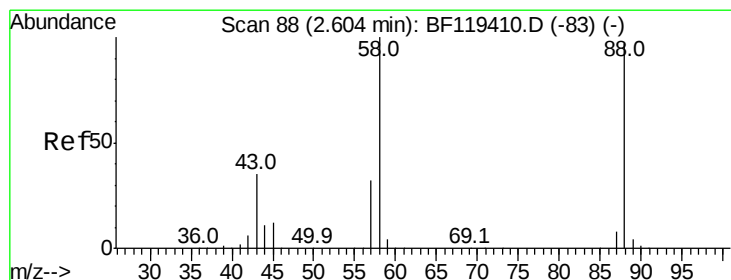
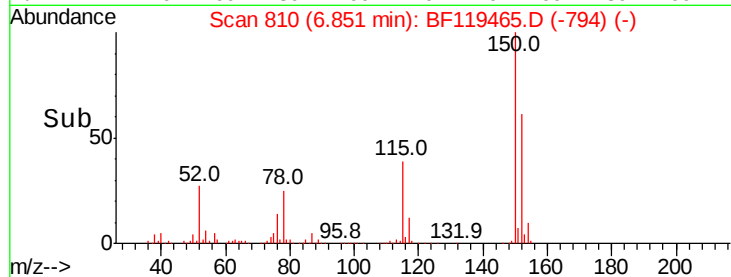
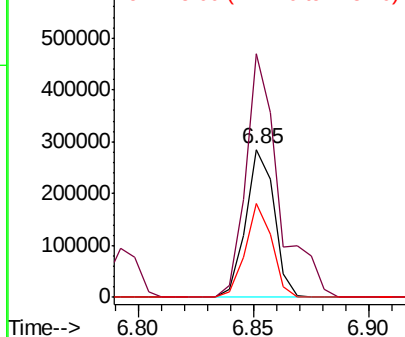


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

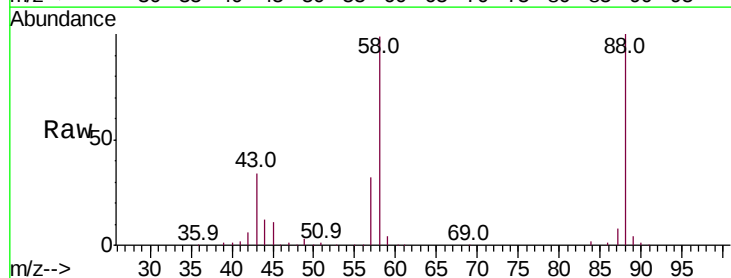
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.051 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.8	79.4	119.2
43	35.5	28.4	42.6

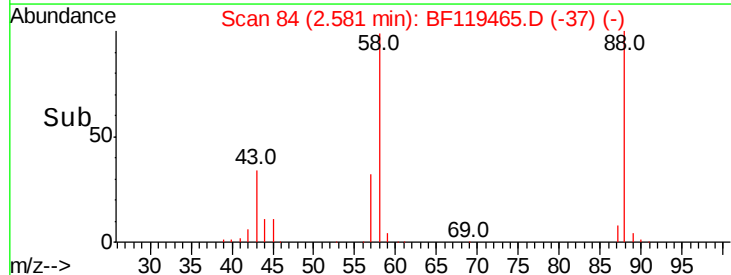
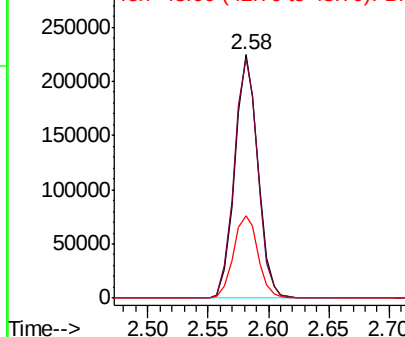


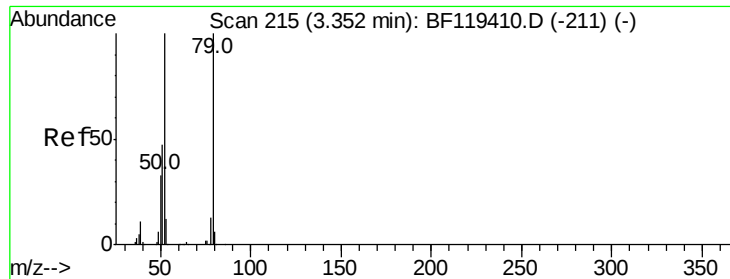
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





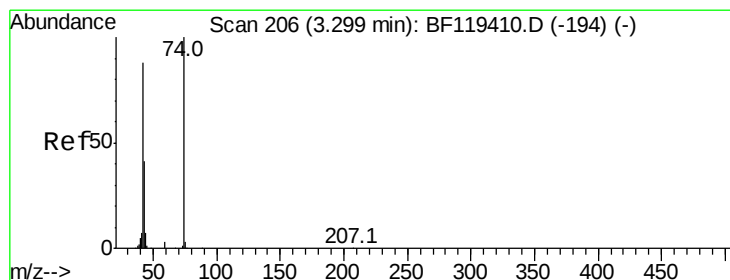
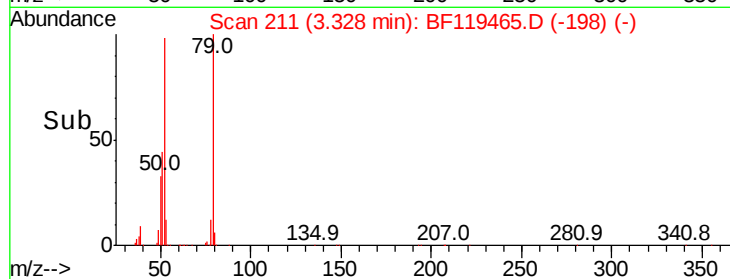
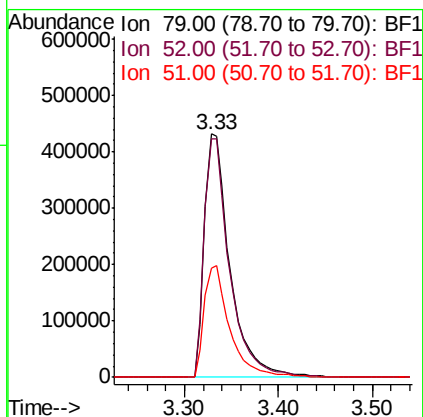
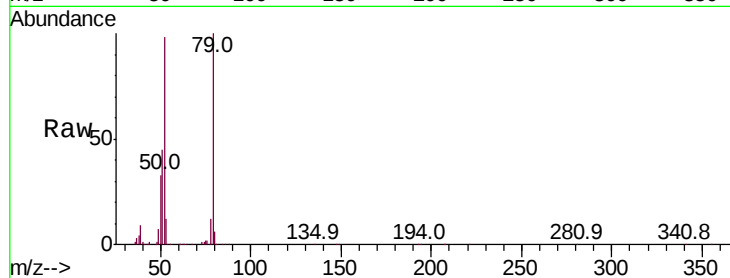
#3
 Pvridine
 Concen: 39.383 ng
 RT: 3.33 min Scan# 211
 Delta R.T. -0.02 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	97.8	80.0	120.0
51	44.7	37.9	56.9

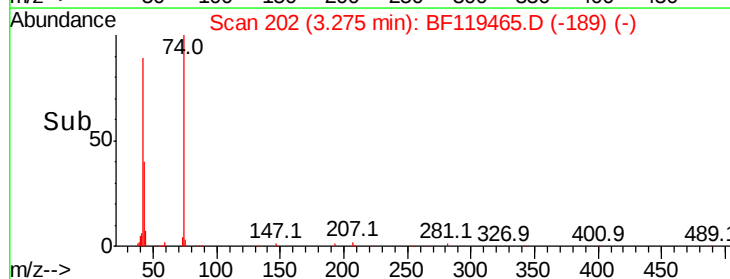
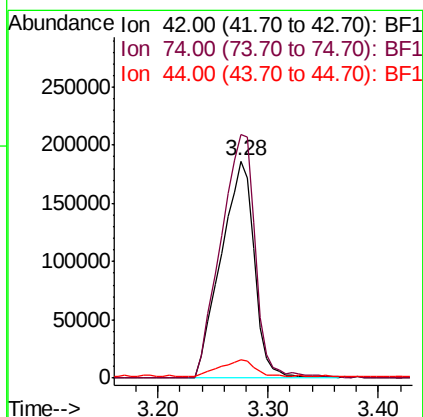
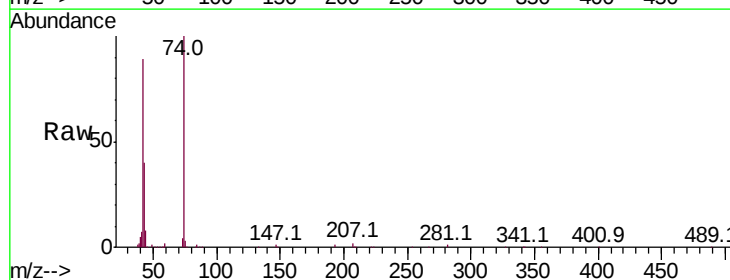
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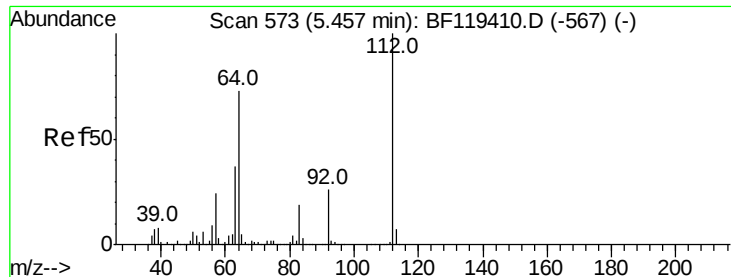
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#4
 n-Nitrosodimethylamine
 Concen: 38.205 ng
 RT: 3.28 min Scan# 202
 Delta R.T. -0.02 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.3	91.3	136.9
44	8.6	7.1	10.7





#5

2-Fluorophenol

Concen: 83.410 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:112 Resp: 1289636

Ion Ratio Lower Upper

112 100

64 71.2 58.1 87.1

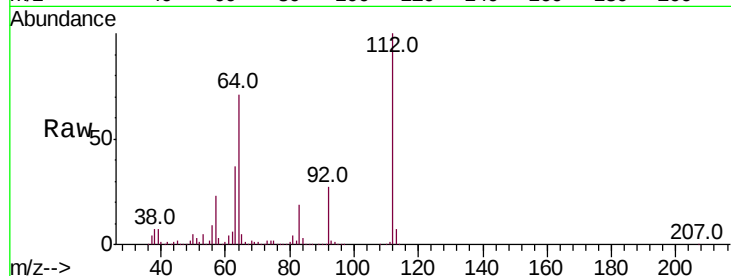
63 37.0 29.7 44.5

Manual Integrations

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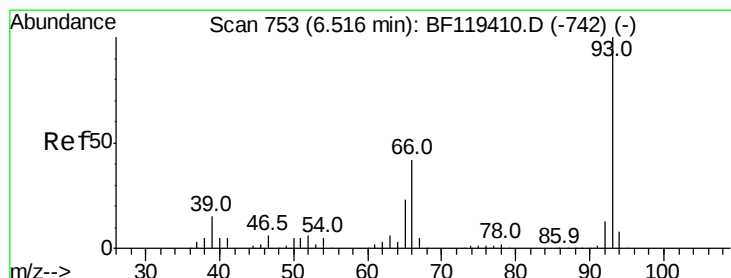
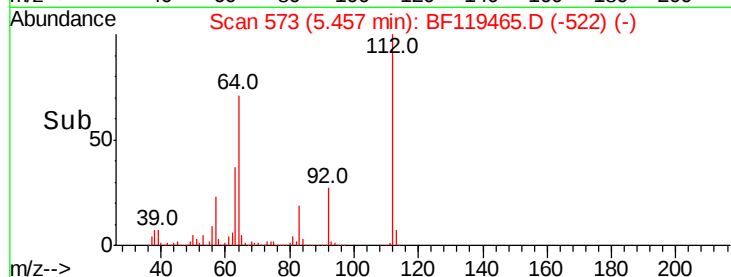
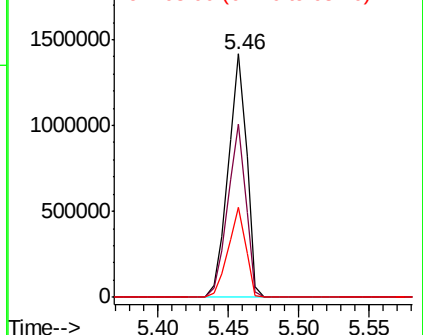
3/23/2020 9:40:33 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.534 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

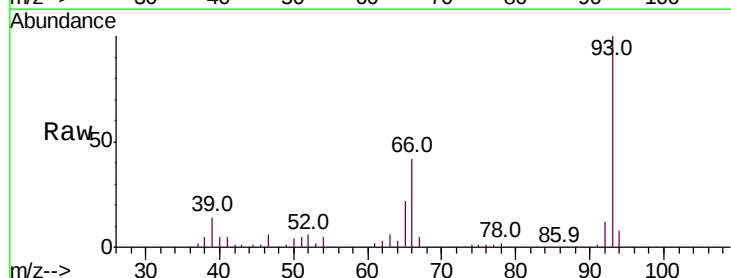
Tgt Ion: 93 Resp: 1104917

Ion Ratio Lower Upper

93 100

66 41.8 34.2 51.4

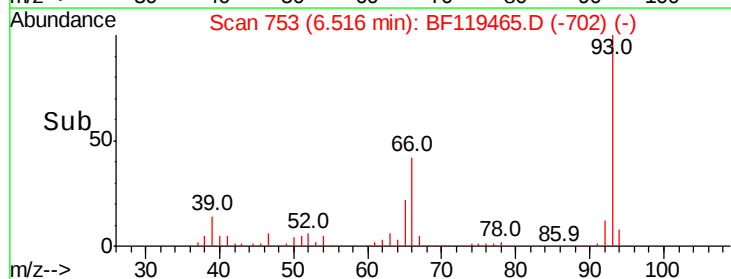
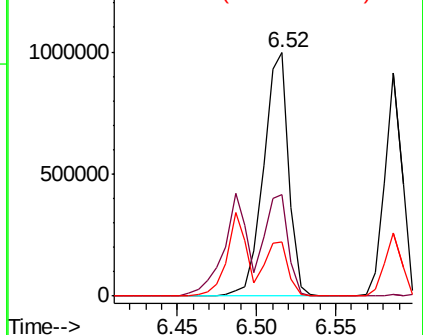
65 22.4 18.2 27.4

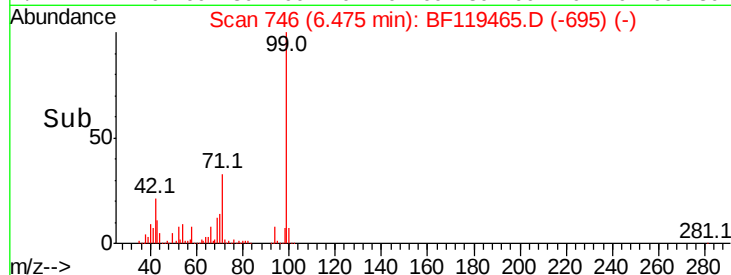
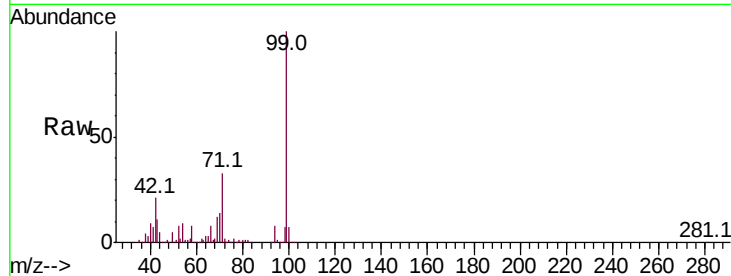
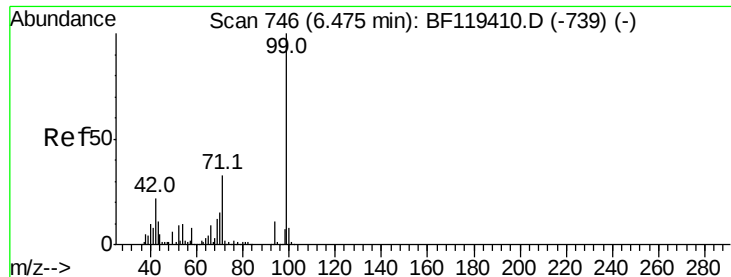


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.854 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tot Ion: 99 Resp: 1656185

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

71 33.3 26.0 39.0

Instrument :

BNA_F

ClientSampleId :

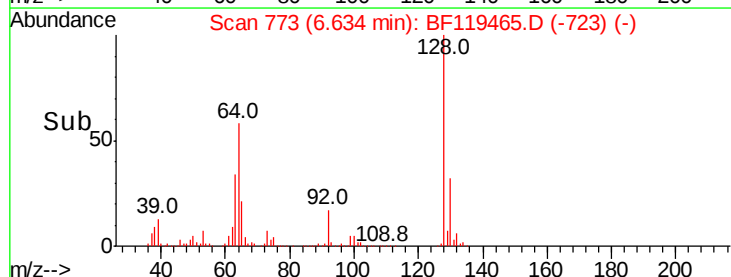
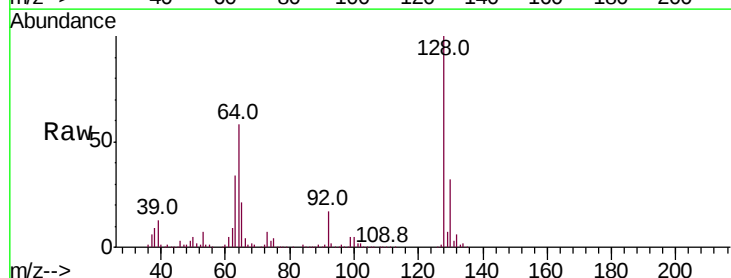
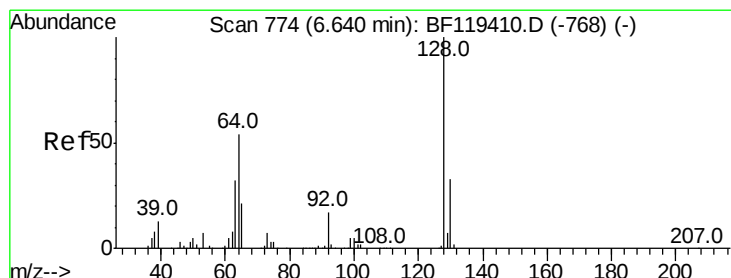
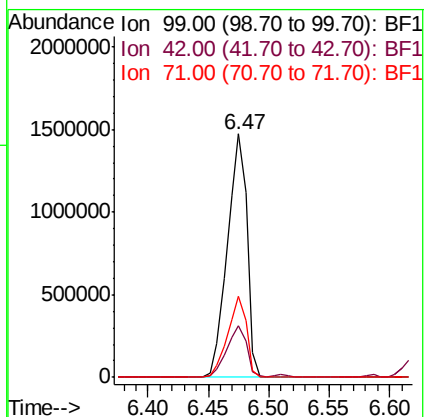
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#8

2-Chlorophenol

Concen: 43.732 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

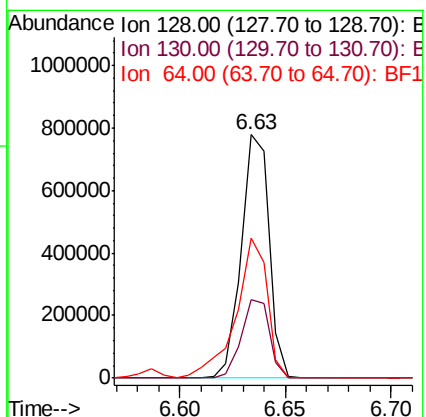
Tgt Ion:128 Resp: 710160

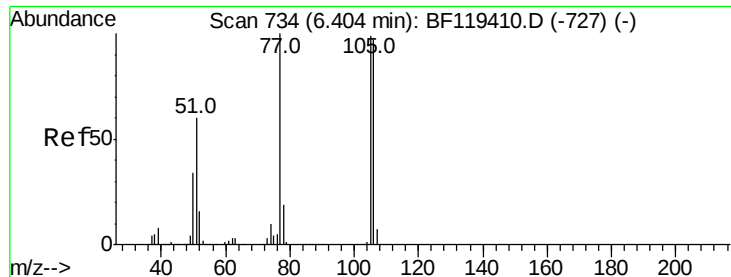
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 57.7 35.1 75.1





#9

Benzaldehyde

Concen: 41.677 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

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Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

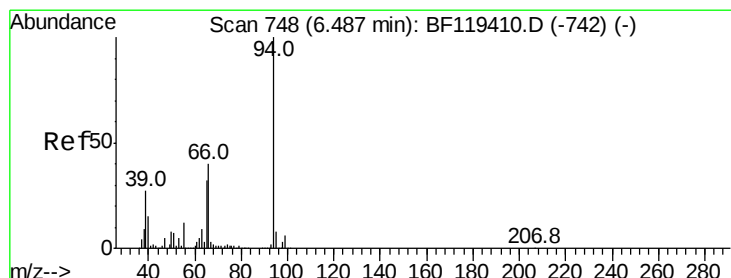
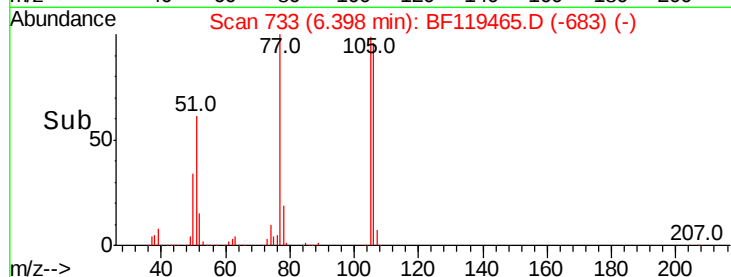
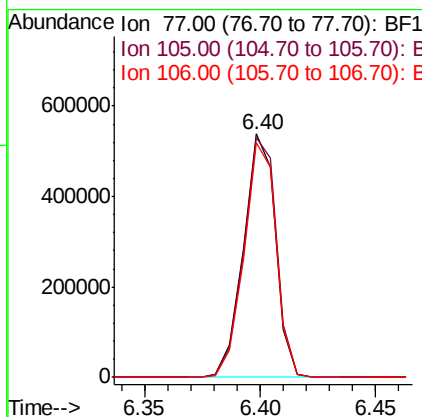
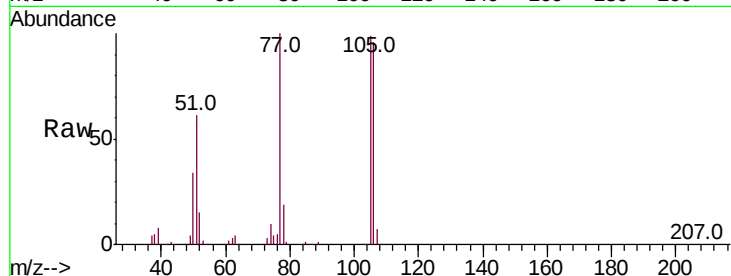
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	78.6	118.6
106	96.1	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 41.633 ng

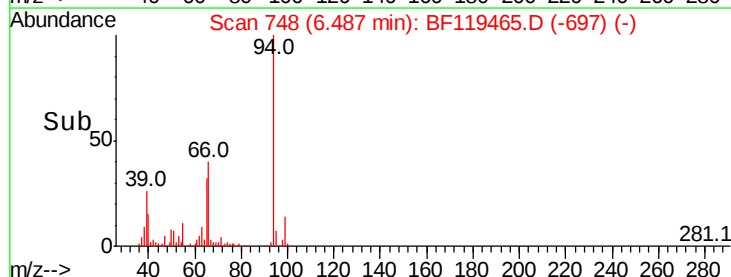
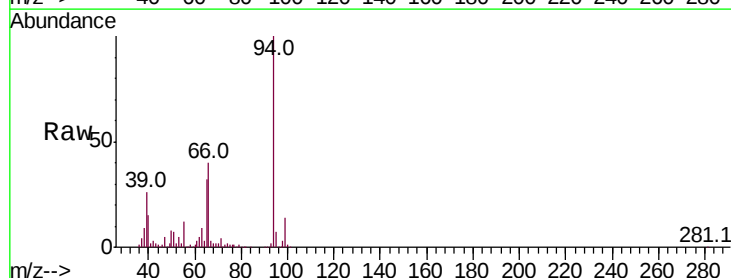
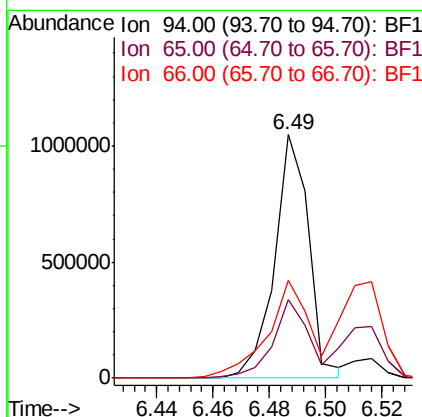
RT: 6.49 min Scan# 748

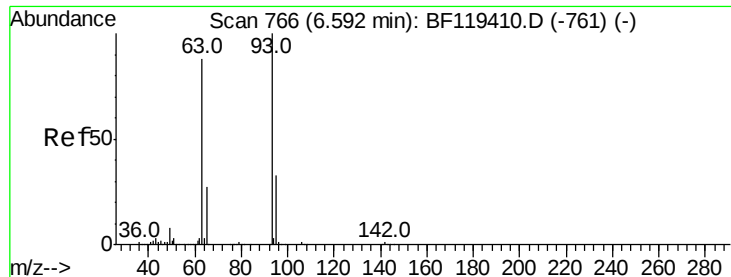
Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.5	12.0	52.0
66	40.1	20.6	60.6





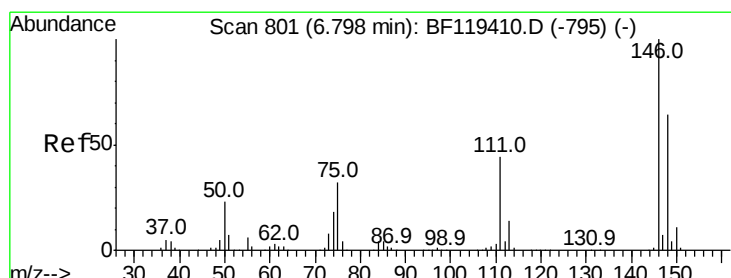
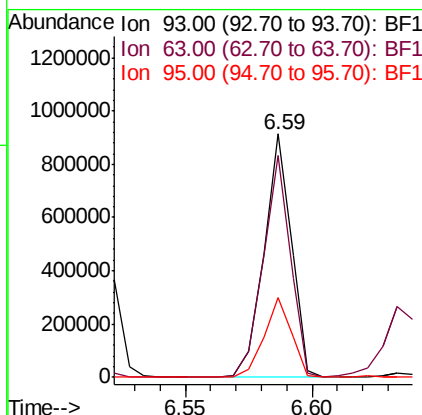
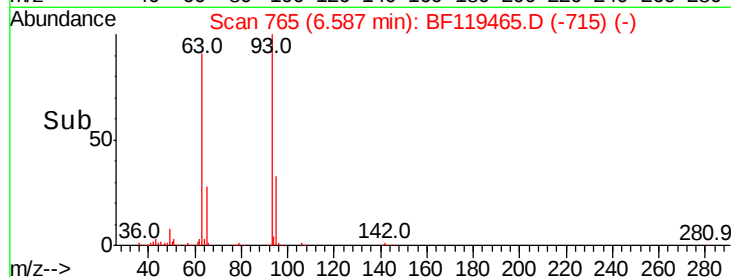
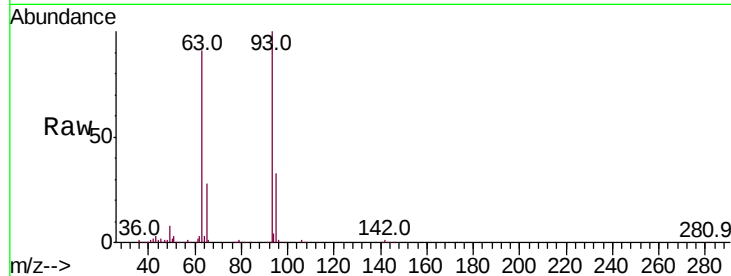
#11
bis(2-Chloroethyl)ether
Concen: 40.993 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	68.4	108.4
95	32.8	13.4	53.4

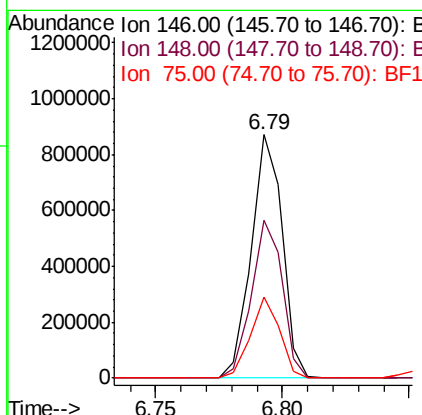
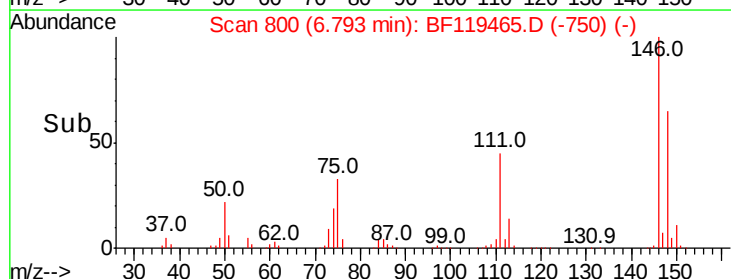
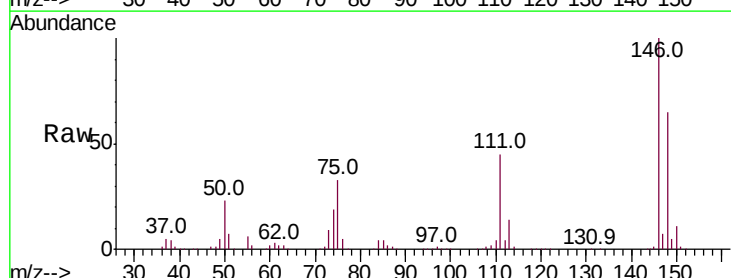
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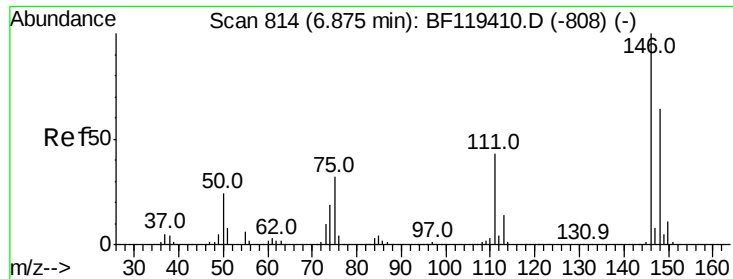
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.383 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
75	33.4	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 42.422 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

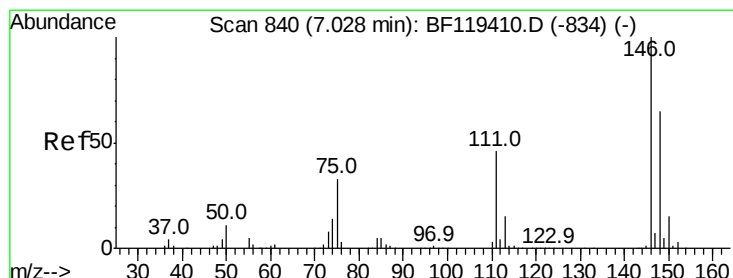
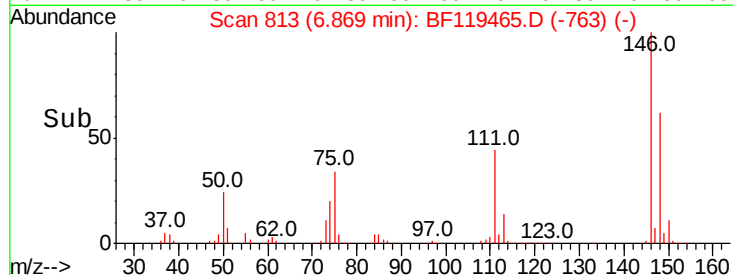
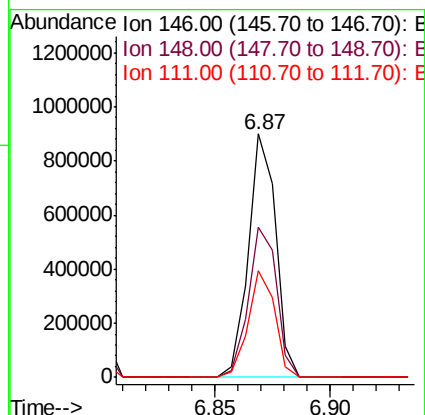
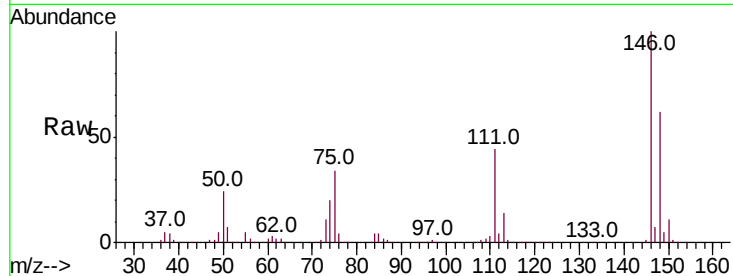
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	745765
Ion Ratio	Lower	Upper	
146	100		
148	61.8	50.9	76.3
111	43.7	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 43.294 ng

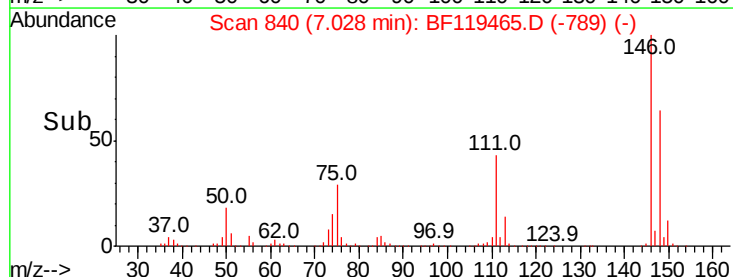
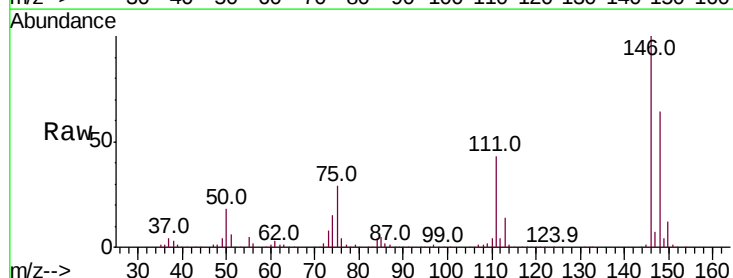
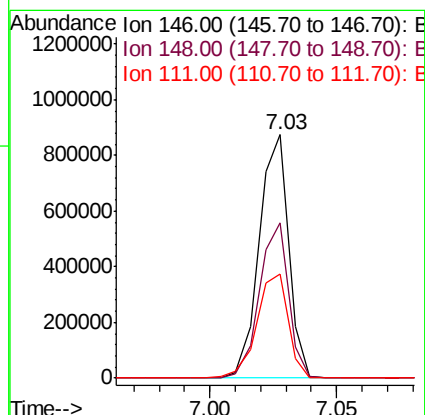
RT: 7.03 min Scan# 840

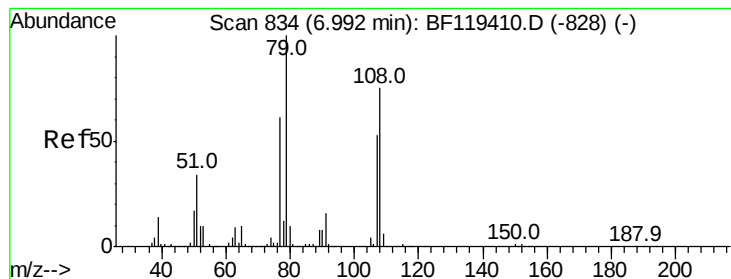
Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:	146	Resp:	711404
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.7	77.5
111	42.6	36.4	54.6





#15

Benzyl Alcohol

Concen: 42.267 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

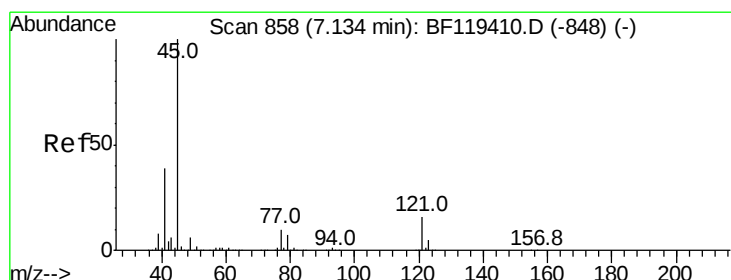
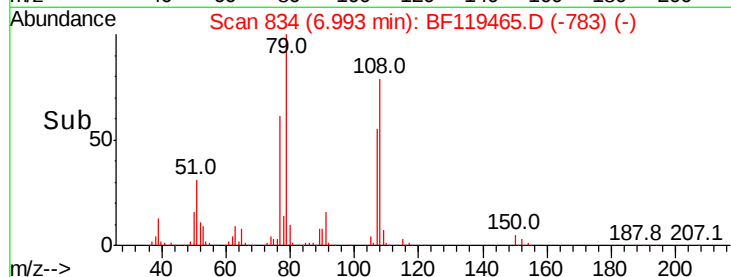
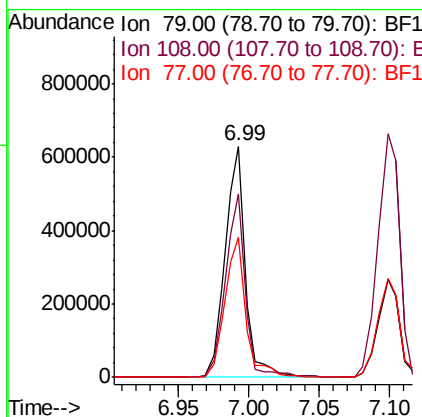
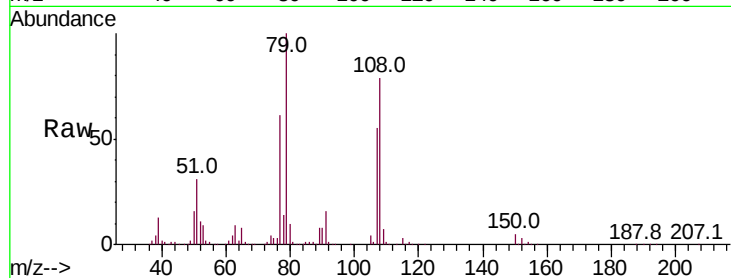
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	627962
Ion Ratio	Lower	Upper	
79	100		
108	79.5	60.4	90.6
77	60.7	49.0	73.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.602 ng

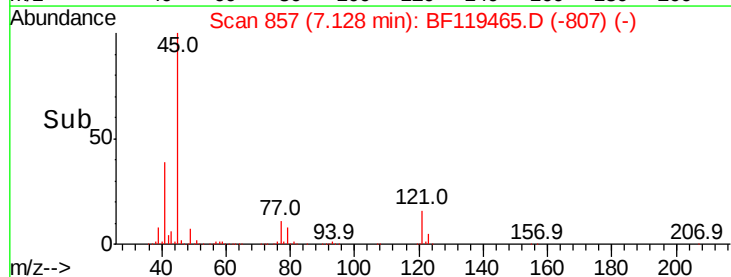
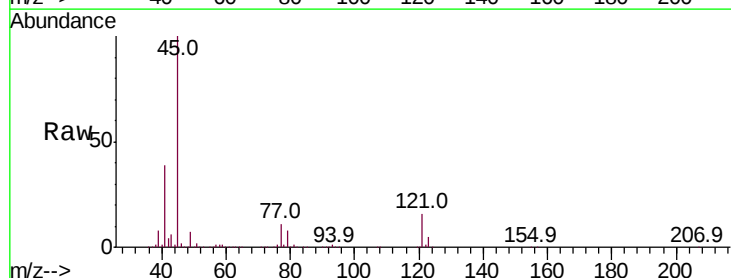
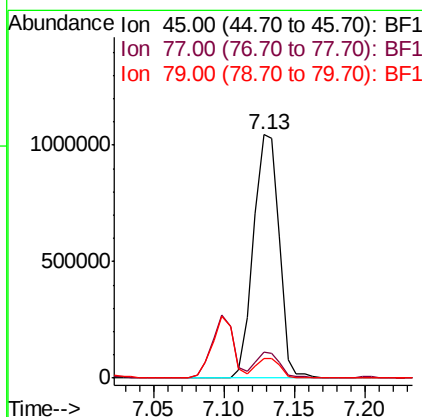
RT: 7.13 min Scan# 857

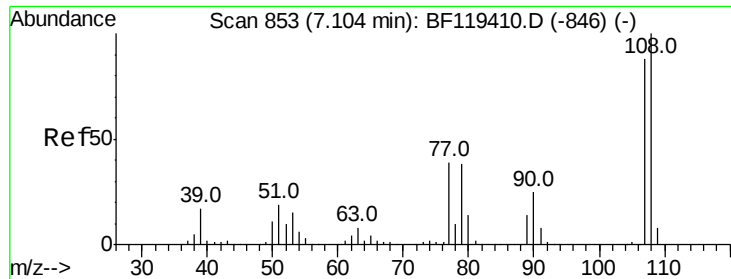
Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:	45	Resp:	1346389
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.1
79	7.8	0.0	27.4





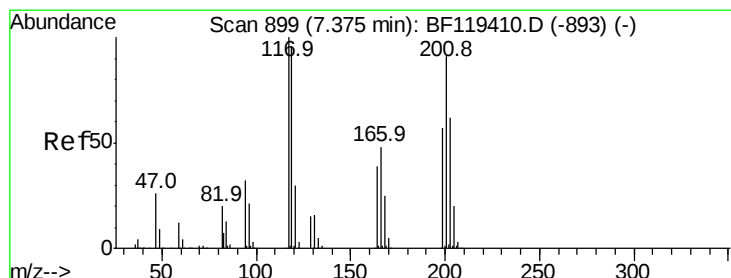
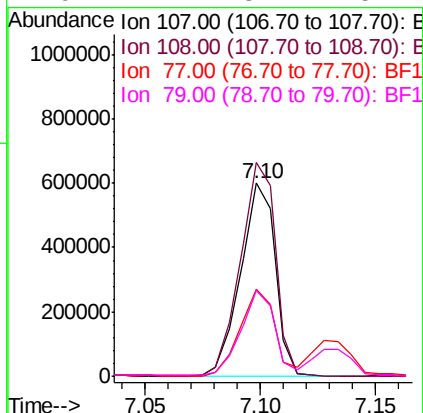
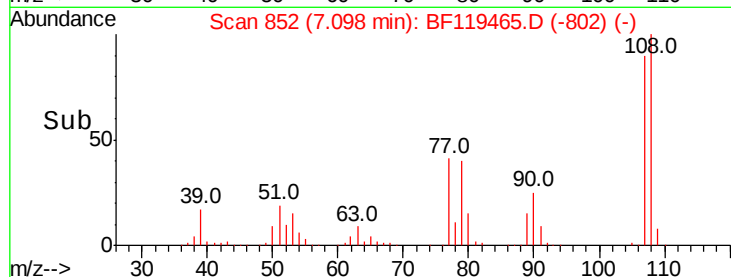
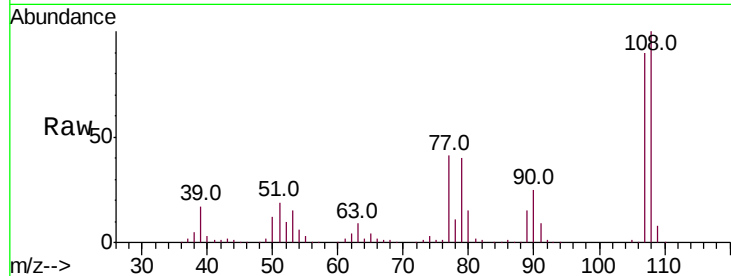
#17
2-Methylphenol
Concen: 42.169 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	90.7	136.1
77	45.1	35.6	53.4
79	44.2	34.7	52.1

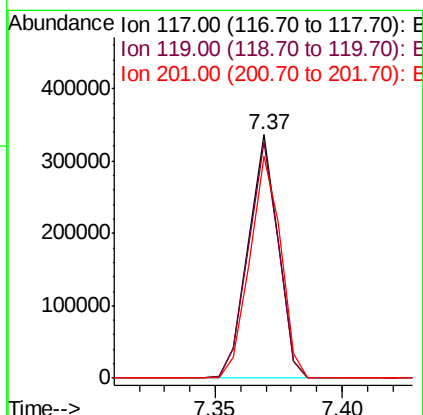
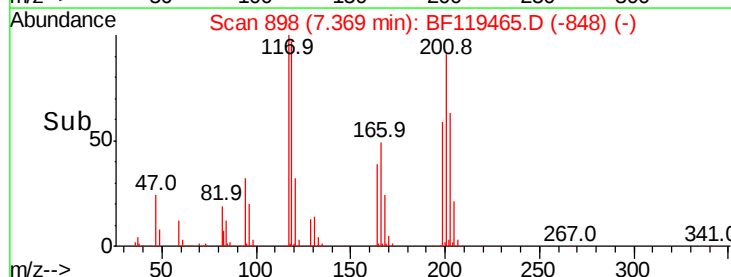
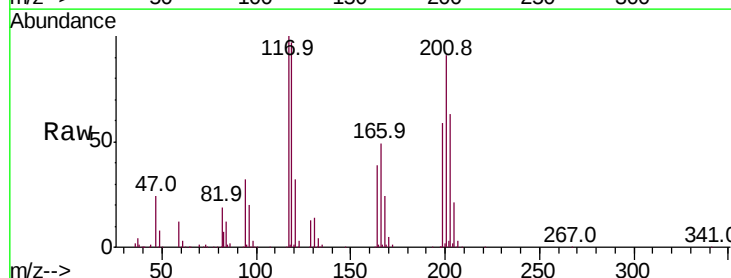
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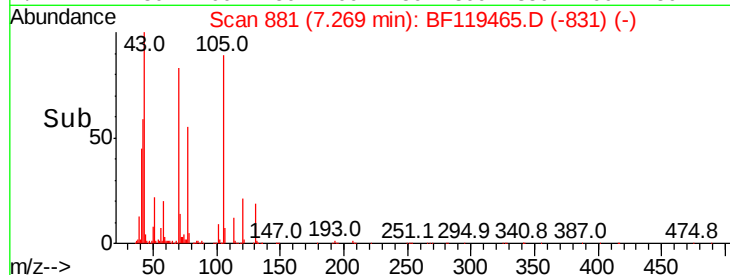
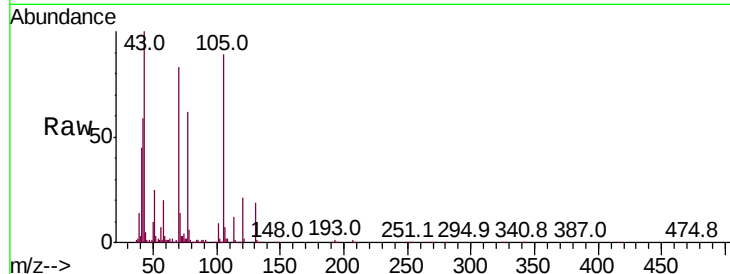
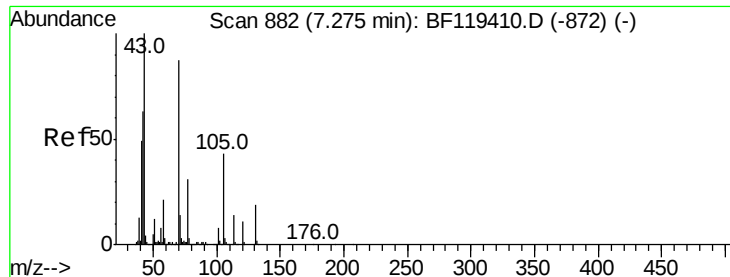
mohammad
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#18
Hexachloroethane
Concen: 43.106 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2
201	91.1	72.5	108.7





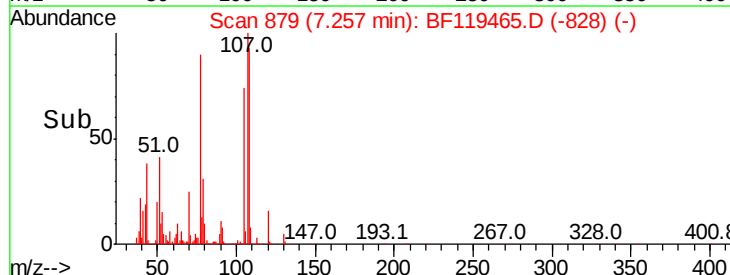
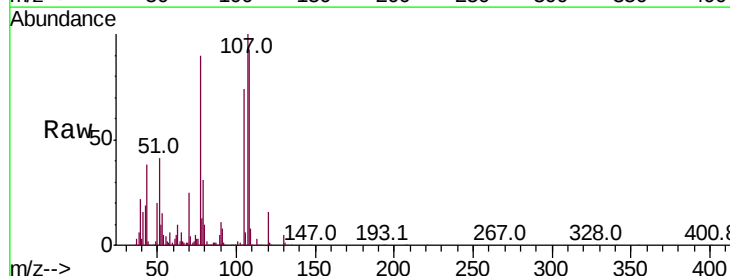
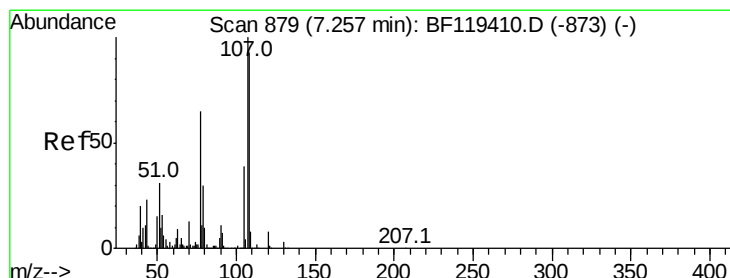
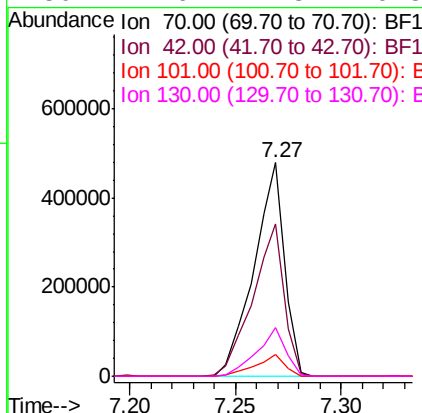
#19
n-Nitroso-di-n-propylamine
Concen: 40.540 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.4	58.2	87.4
101	10.3	7.4	11.2
130	22.6	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

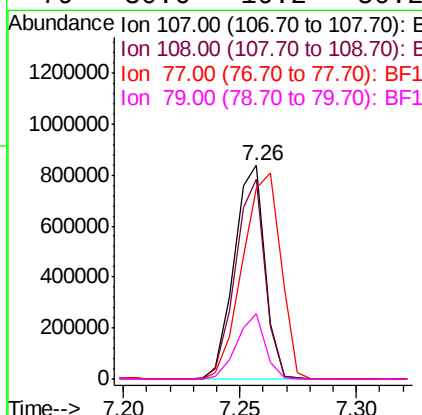
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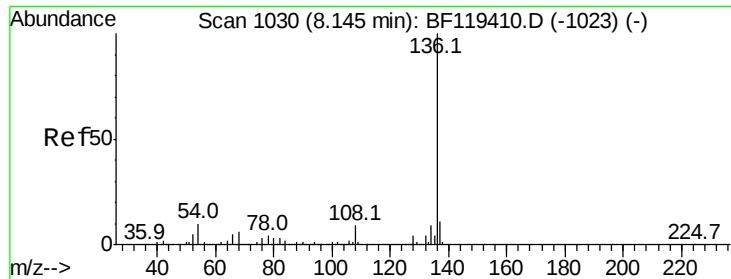
mohammad
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#20
3+4-Methylphenols
Concen: 42.618 ng m
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	72.6	112.6
77	89.6	44.7	84.7#
79	30.6	10.2	50.2





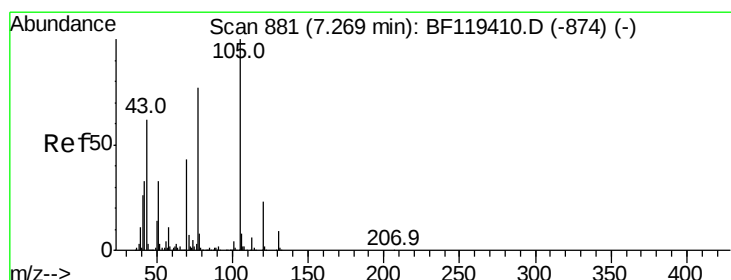
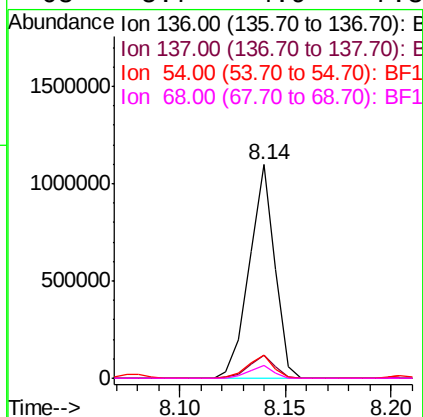
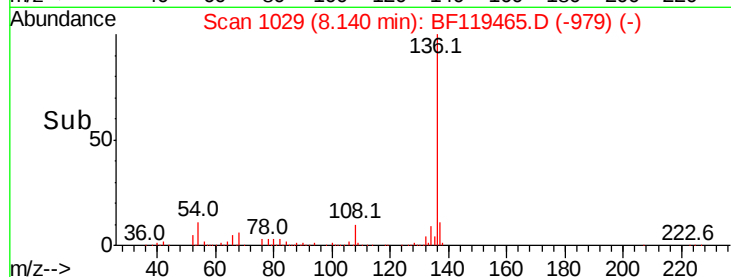
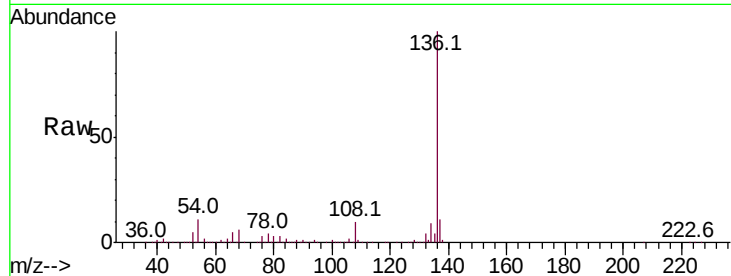
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	918569		
137	10.9		8.4	12.6
54	10.7		8.3	12.5
68	5.7		4.9	7.3

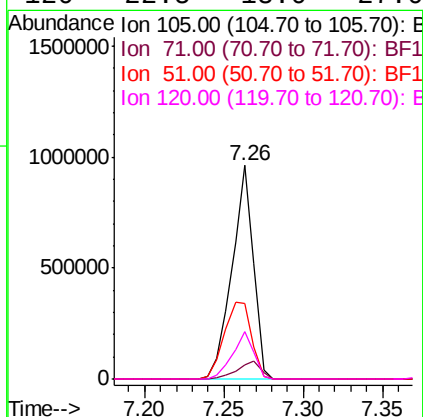
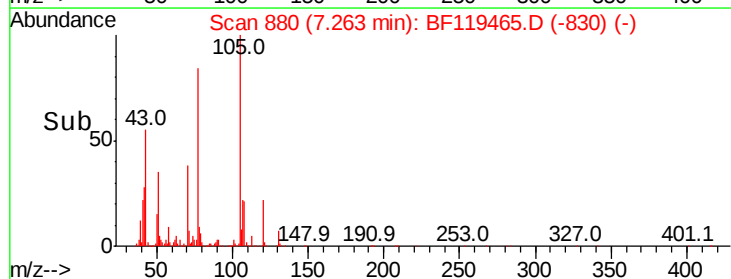
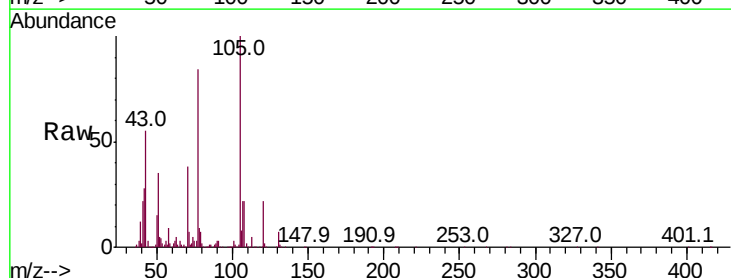
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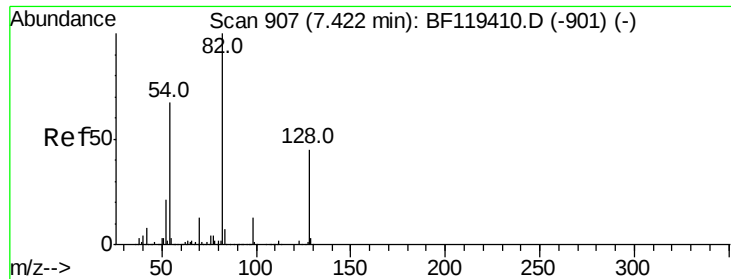
mohammad
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#22
Acetophenone
Concen: 40.902 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	897764		
71	6.5		5.8	8.6
51	35.5		26.8	40.2
120	22.5		18.0	27.0





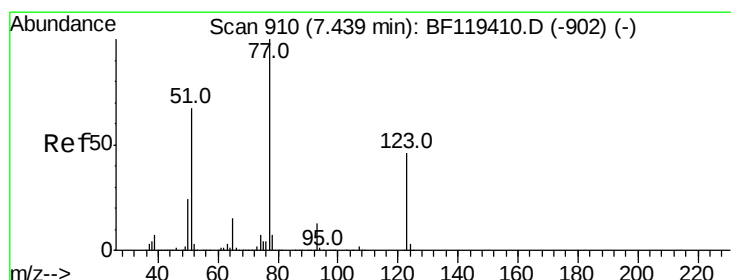
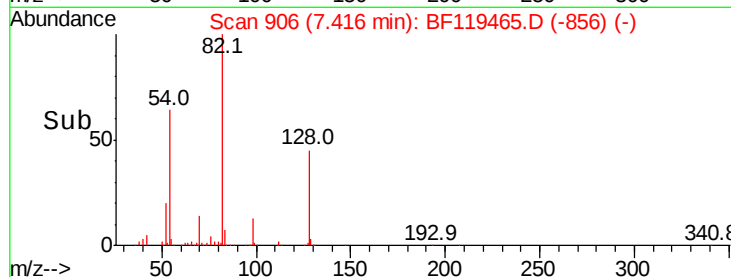
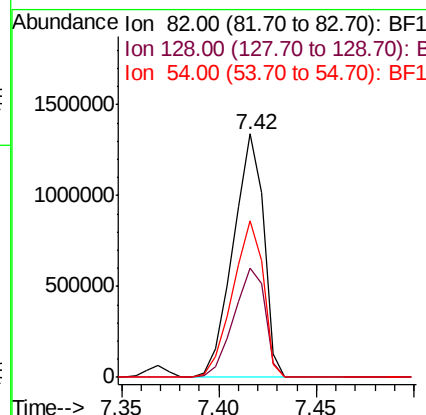
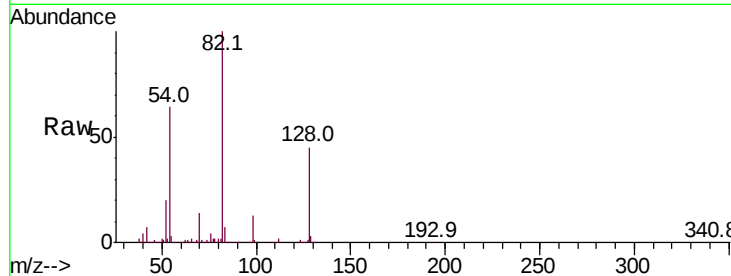
#23
Nitrobenzene-d5
Concen: 86.007 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1453669
Ion Ratio Lower Upper
82 100
128 45.1 35.8 53.8
54 64.4 53.4 80.0

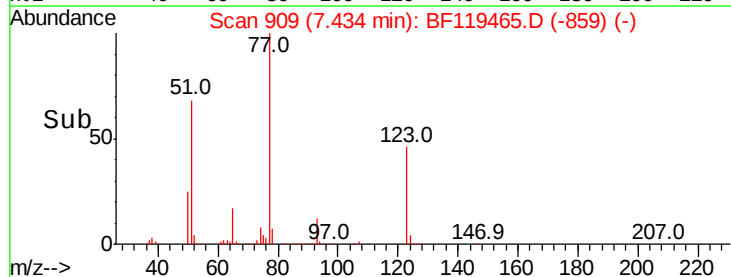
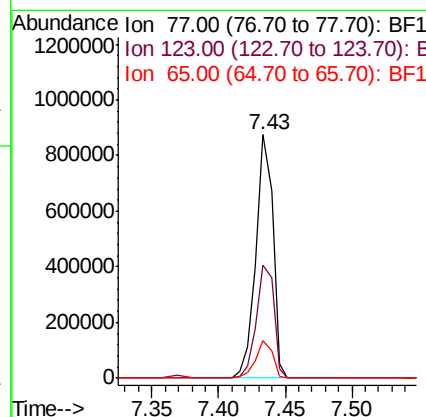
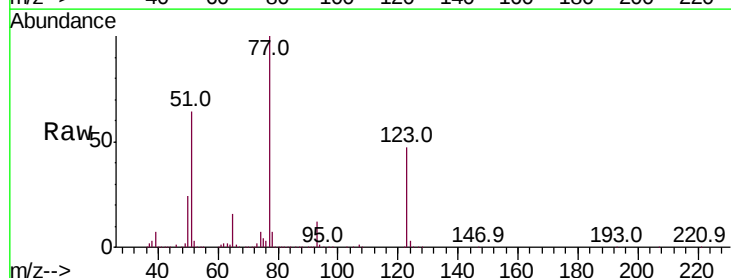
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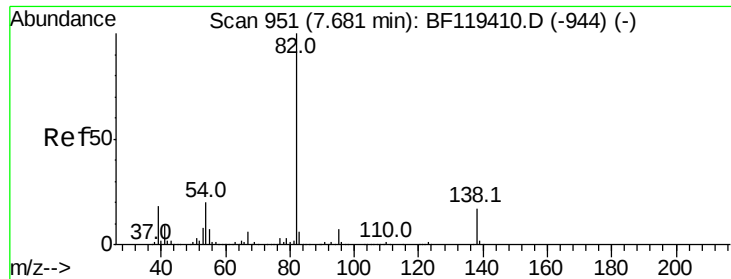
mohammad
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#24
Nitrobenzene
Concen: 41.917 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion: 77 Resp: 757140
Ion Ratio Lower Upper
77 100
123 46.5 36.9 55.3
65 15.6 12.2 18.4





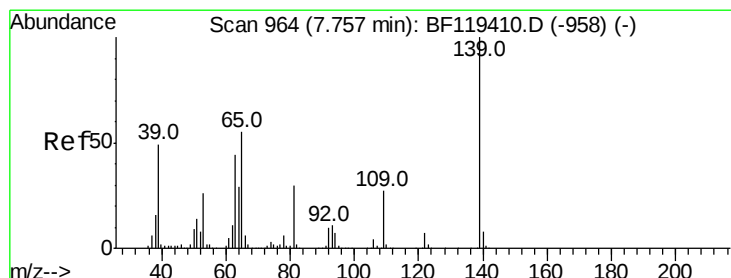
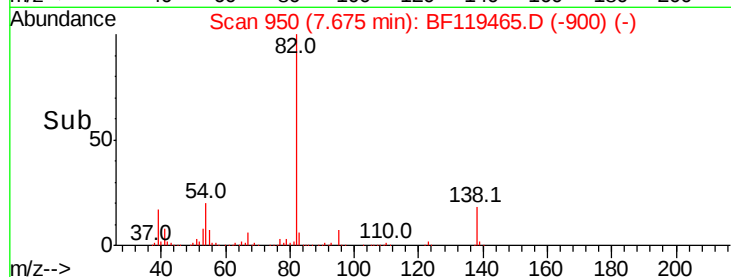
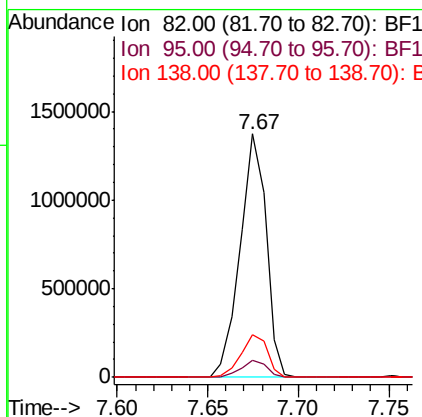
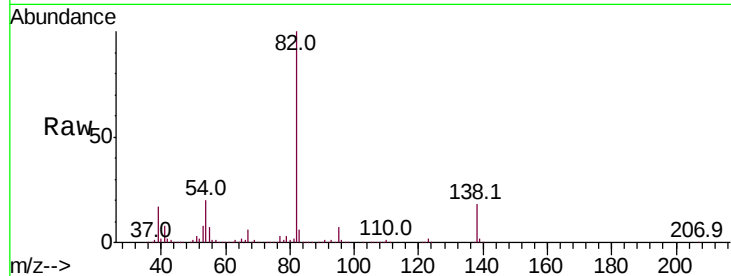
#25
Isophorone
Concen: 40.177 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 1377504
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.6 13.8 20.8

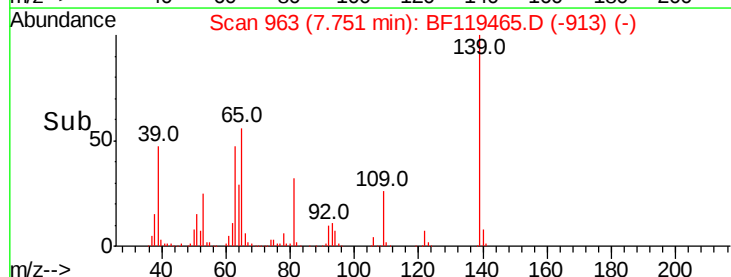
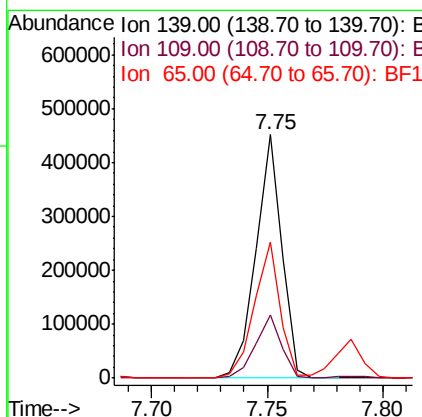
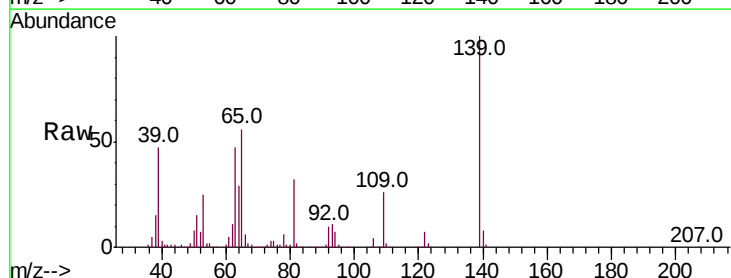
Manual Integrations
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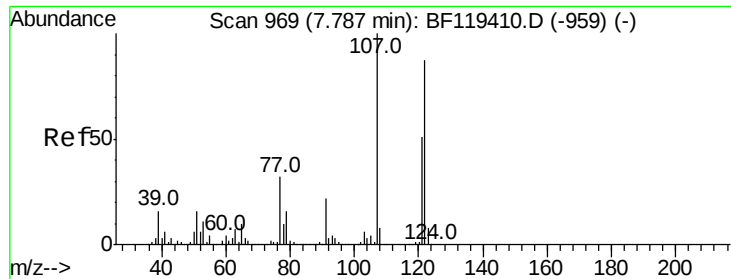
mohammad
3/23/2020 9:40:33 AM



#26
2-Nitrophenol
Concen: 50.120 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion: 139 Resp: 356450
Ion Ratio Lower Upper
139 100
109 25.9 21.7 32.5
65 55.9 43.9 65.9





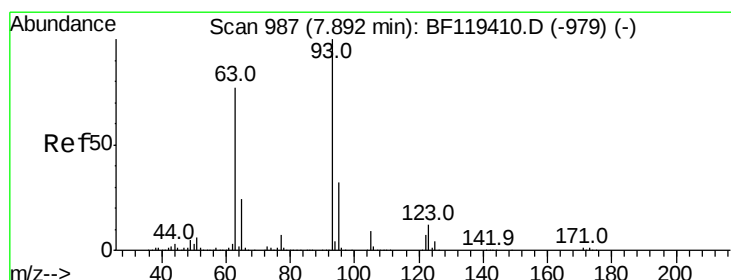
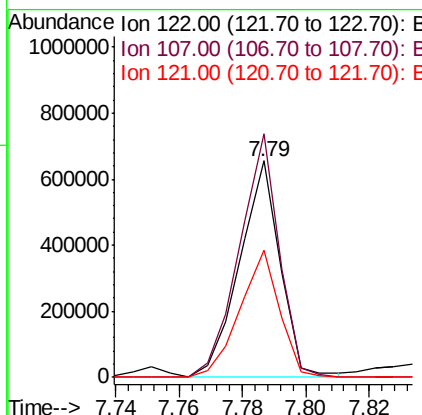
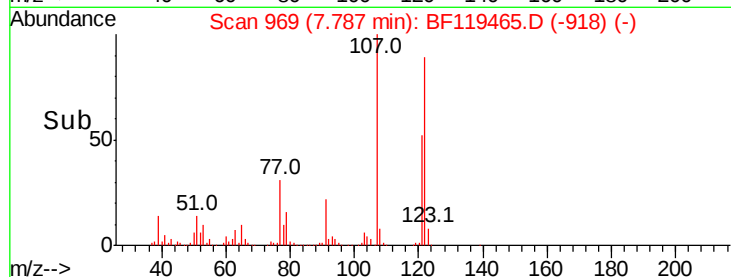
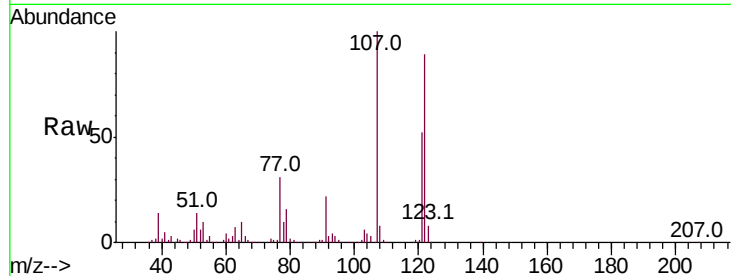
#27
2,4-Dimethylphenol
Concen: 39.430 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	579852		
107	112.4	91.8	137.6	
121	58.5	46.5	69.7	

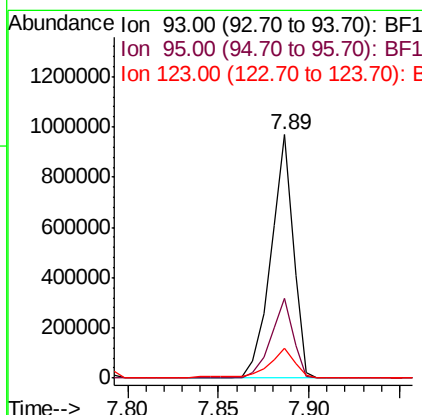
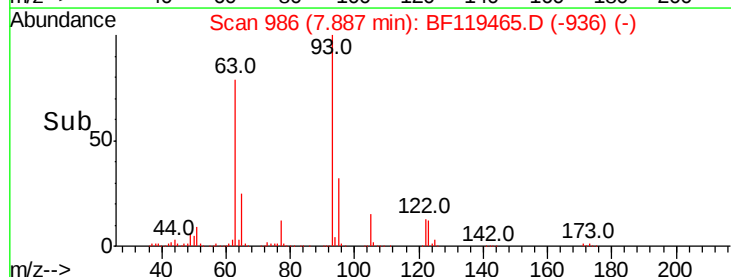
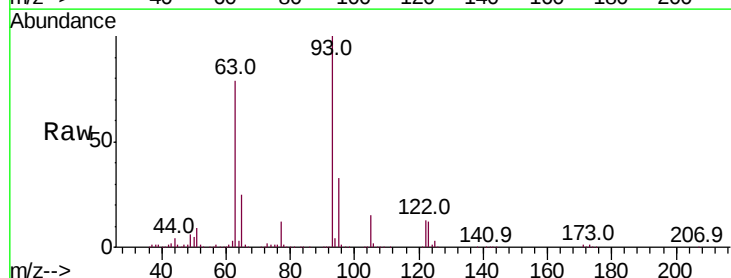
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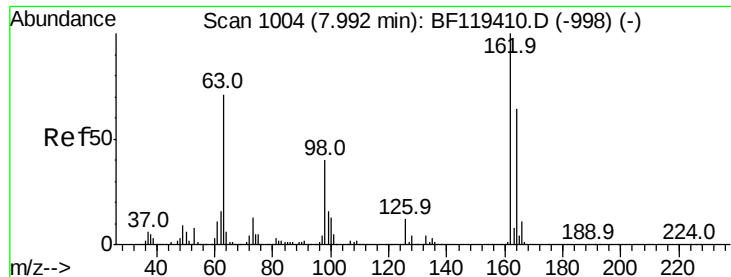
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.743 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	826025		
95	32.5	26.0	39.0	
123	12.4	9.7	14.5	





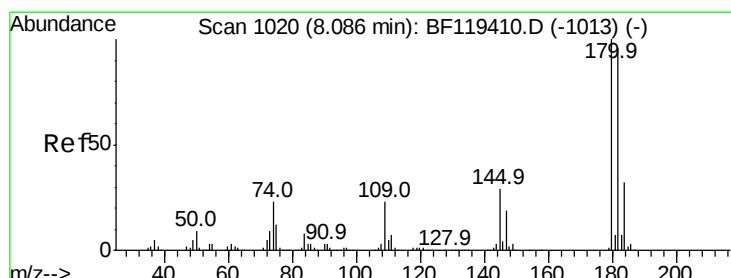
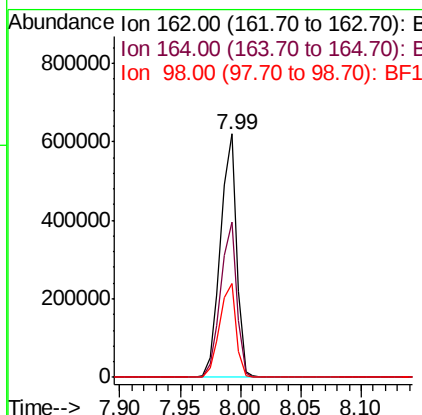
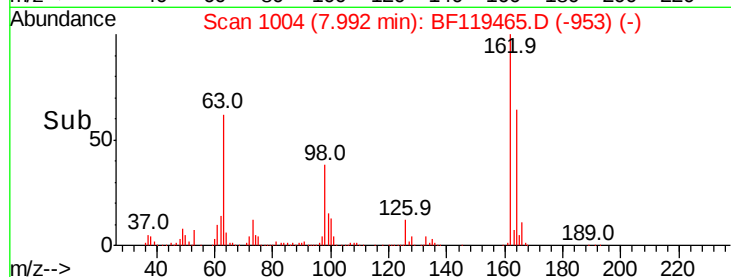
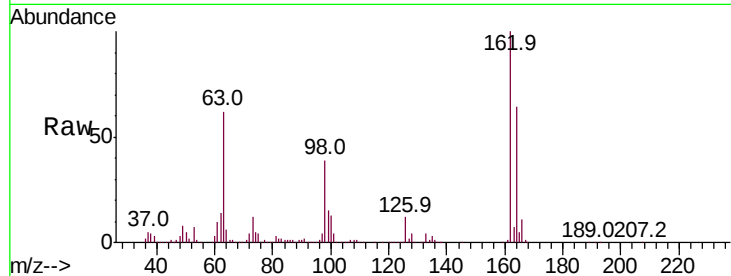
#29
2,4-Dichlorophenol
Concen: 42.429 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	573302		
164	63.9	43.6	83.6	
98	38.5	20.4	60.4	

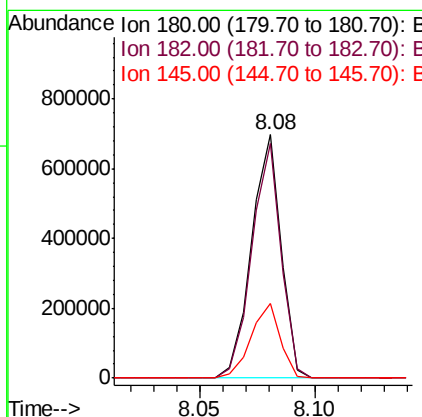
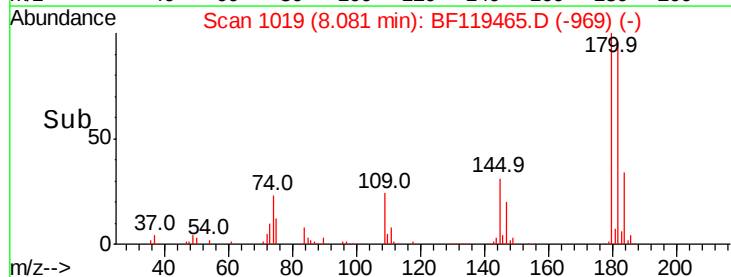
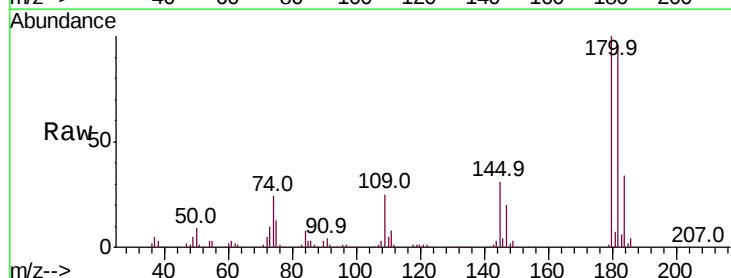
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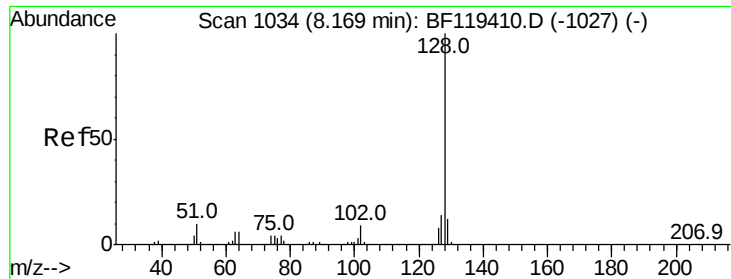
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.868 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	625641		
182	96.3	76.6	115.0	
145	30.6	23.2	34.8	





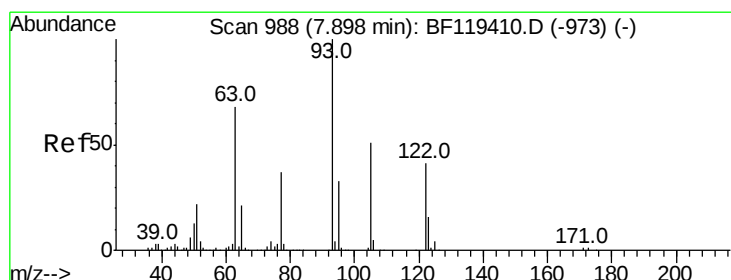
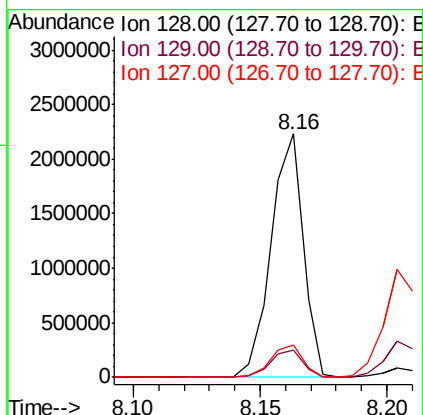
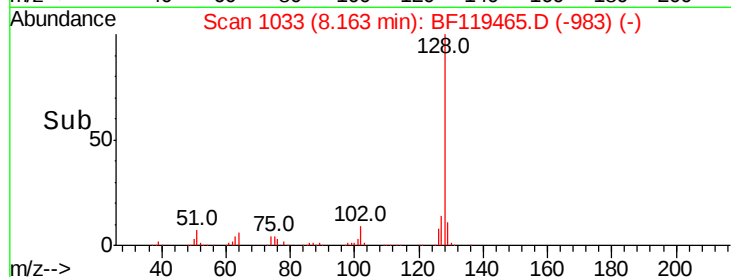
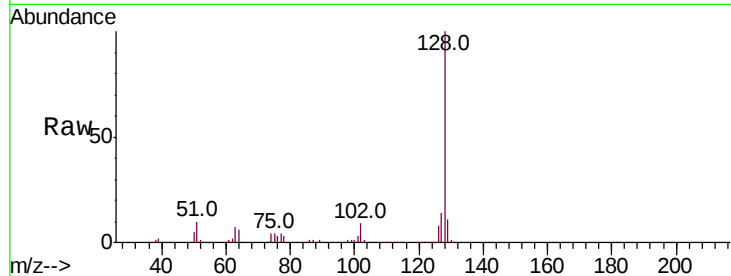
#31
Naphthalene
Concen: 41.647 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	11.0	16.4

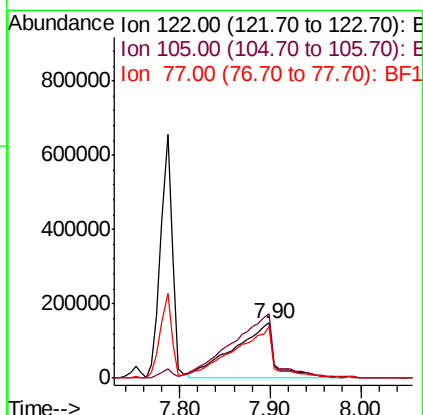
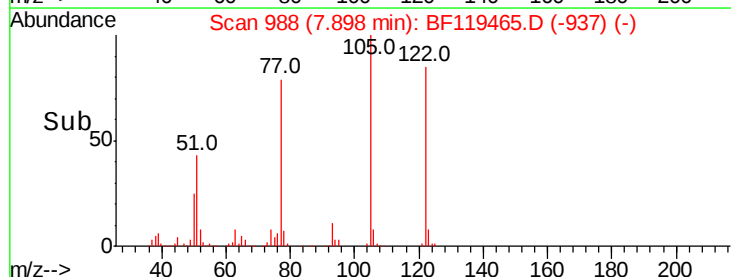
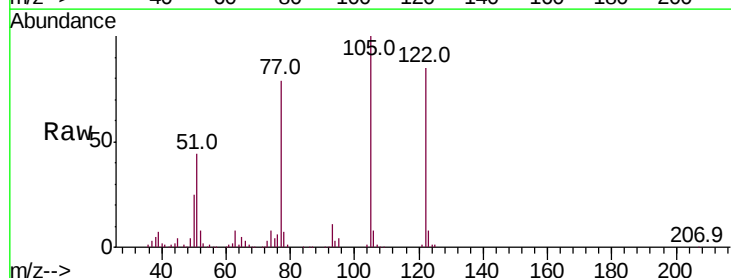
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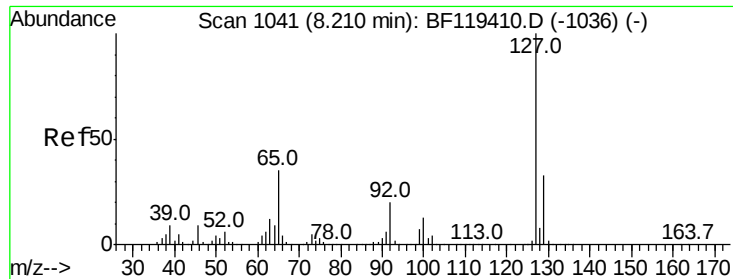
mohammad
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#32
Benzoic acid
Concen: 48.900 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	102.9	142.9
77	92.8	70.1	110.1





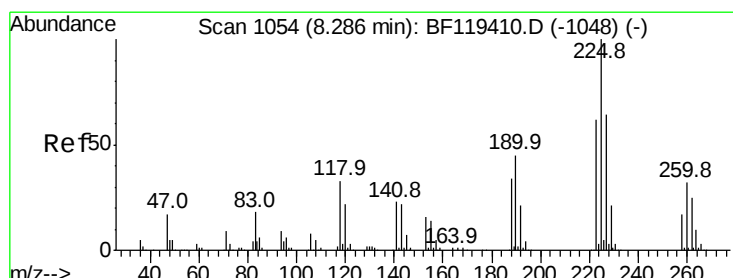
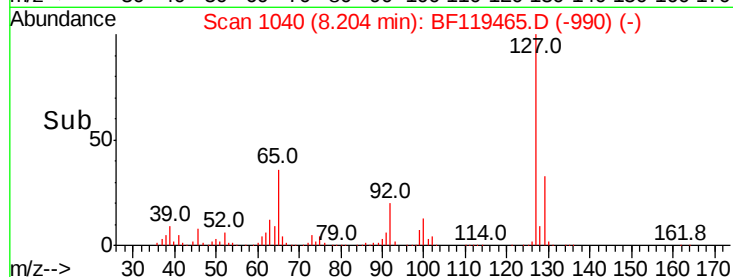
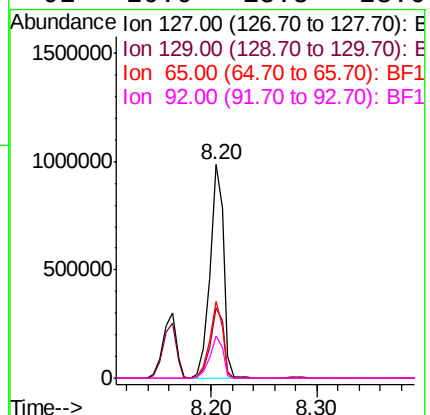
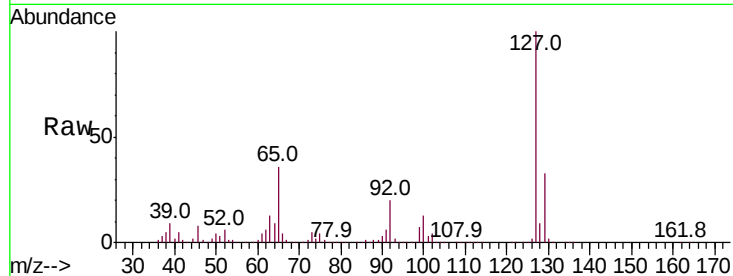
#33
4-Chloroaniline
Concen: 40.974 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.1	26.2	39.4	
65	36.2	27.7	41.5	
92	20.0	15.8	23.6	

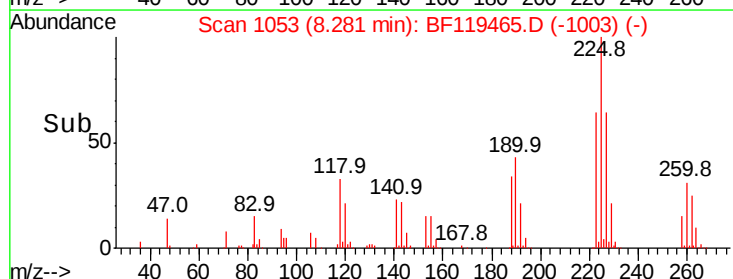
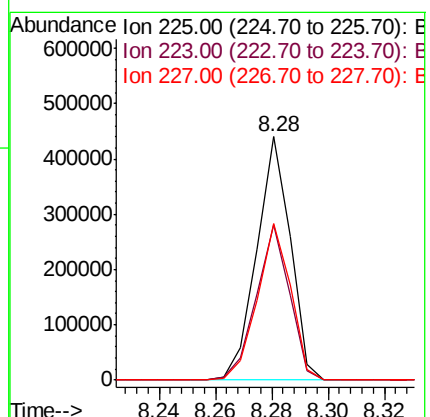
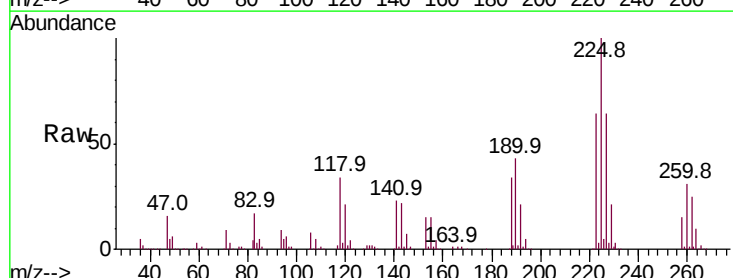
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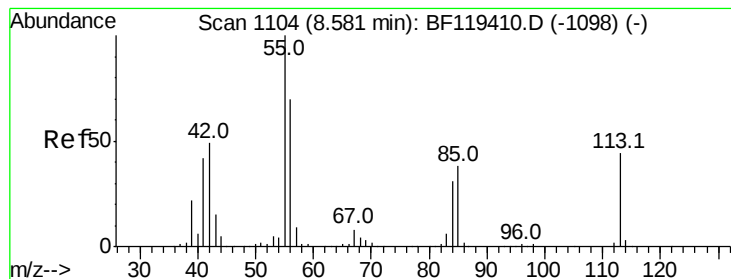
mohammad
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#34
Hexachlorobutadiene
Concen: 43.442 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	49.2	73.8	
227	64.3	51.1	76.7	





#35

Caprolactam

Concen: 41.495 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 183499

Ion Ratio Lower Upper

113 100

55 239.0 208.4 248.4

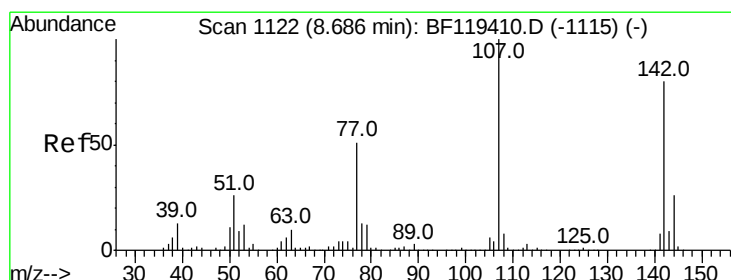
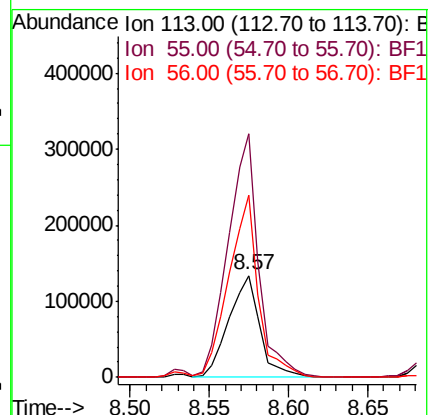
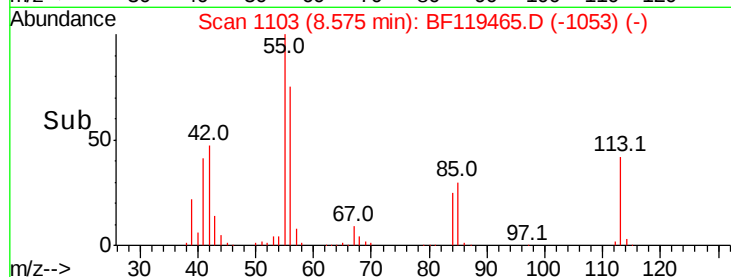
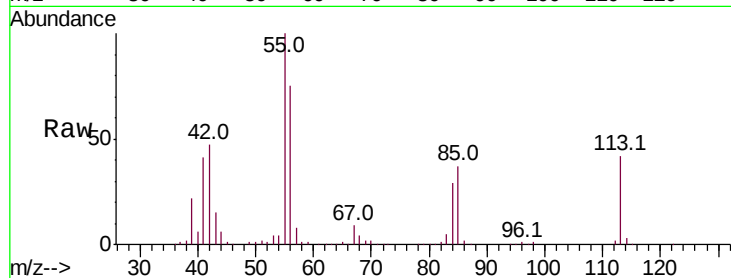
56 179.1 138.9 178.9#

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#36

4-Chloro-3-methylphenol

Concen: 41.996 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

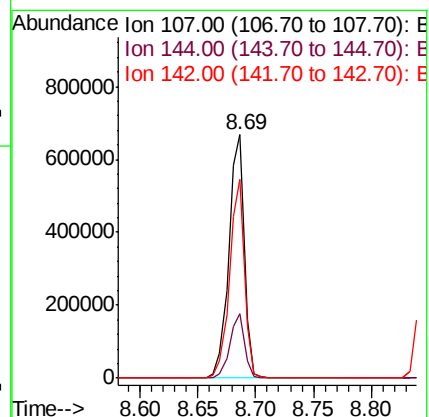
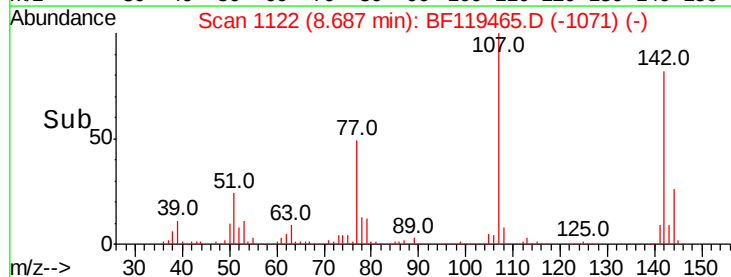
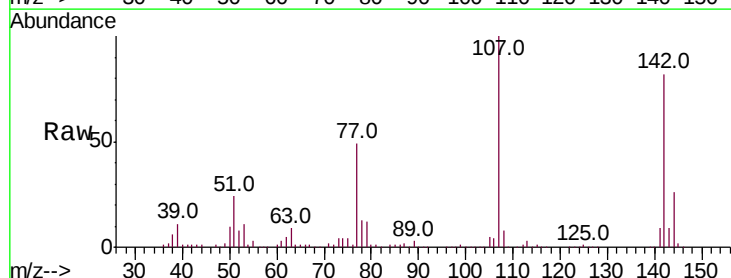
Tgt Ion:107 Resp: 620205

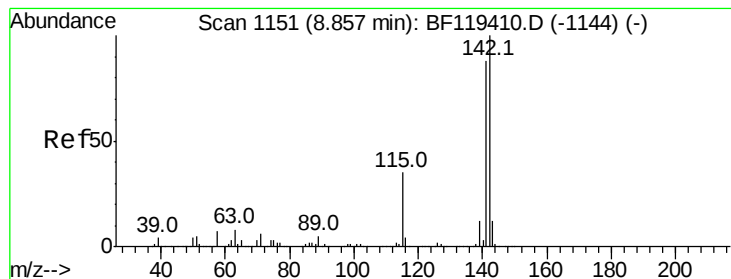
Ion Ratio Lower Upper

107 100

144 26.4 20.6 31.0

142 81.8 63.8 95.6





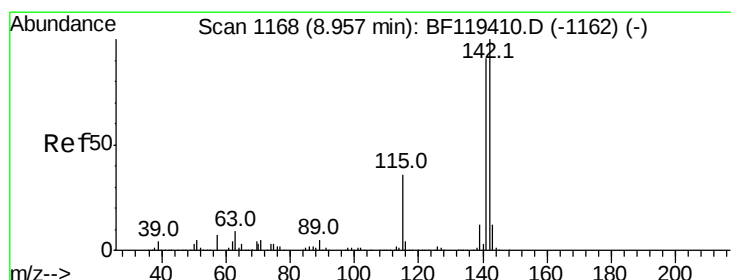
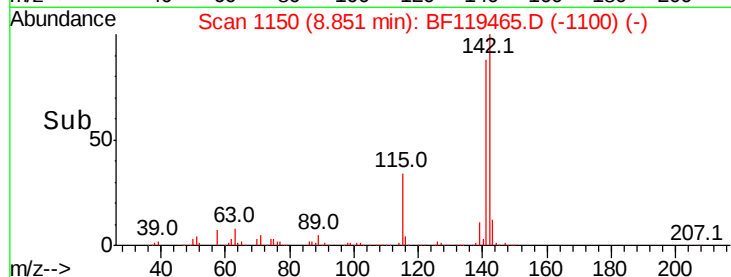
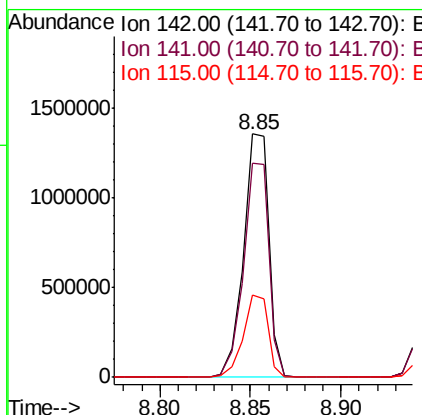
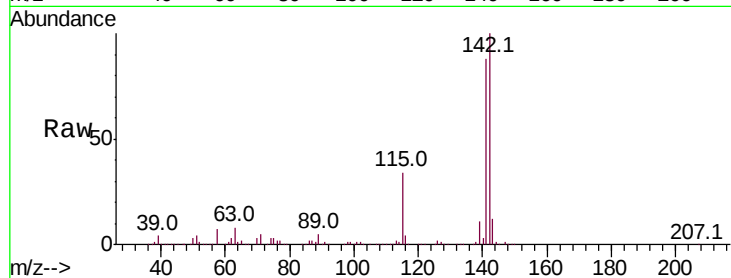
#37
 2-Methylnaphthalene
 Concen: 42.169 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	34.0	27.8	41.6

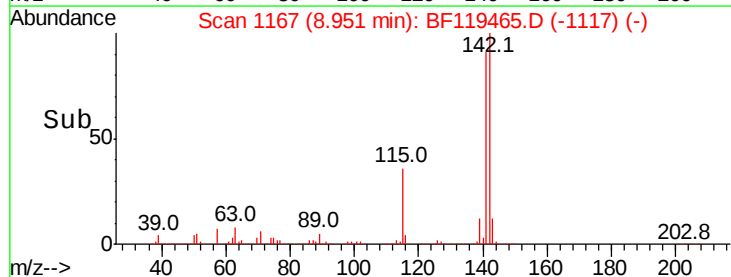
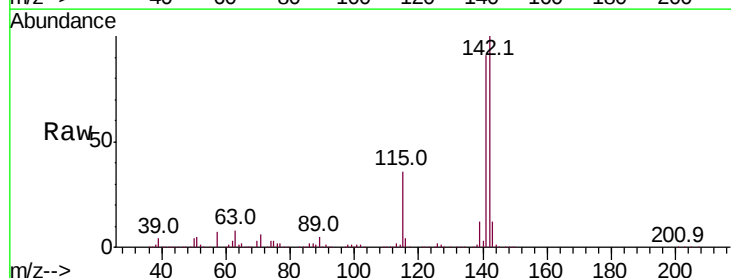
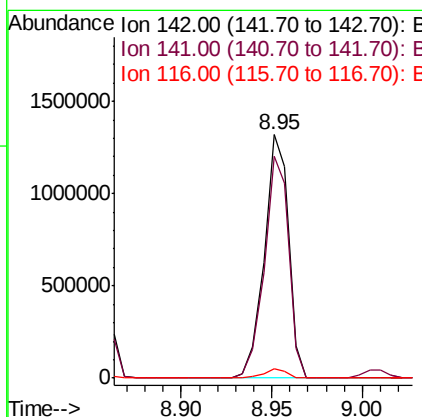
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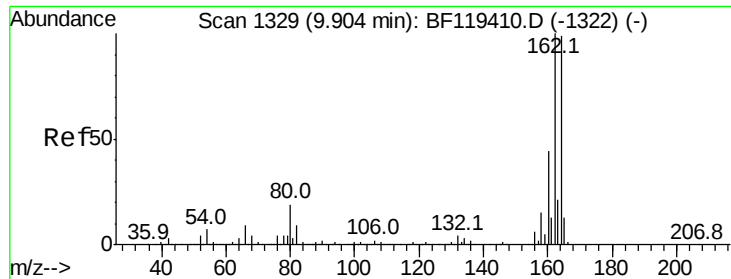
mohammad
 3/23/2020 9:40:33 AM



#38
 1-Methylnaphthalene
 Concen: 41.717 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.1	109.7
116	4.0	3.0	4.6





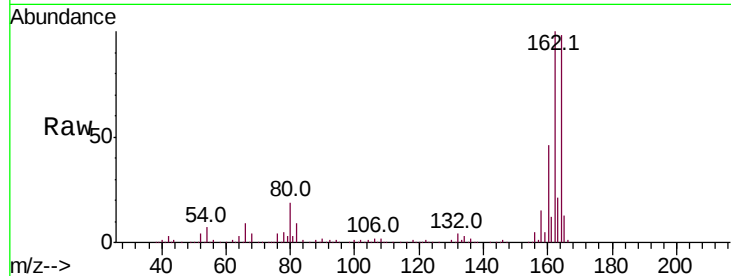
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

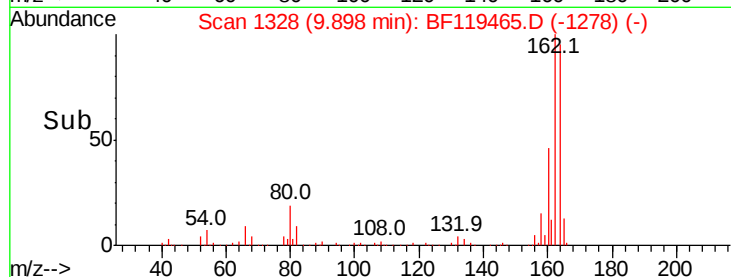
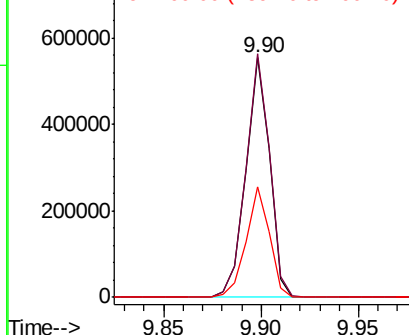
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.7	121.1
160	46.3	35.5	53.3

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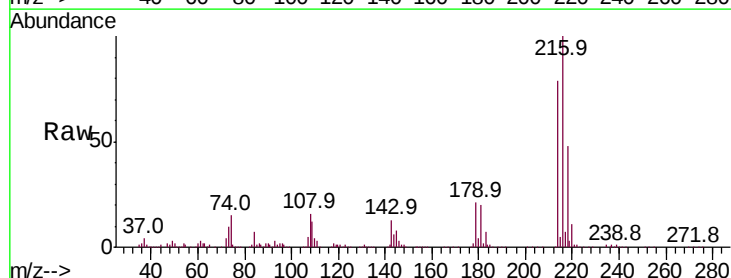
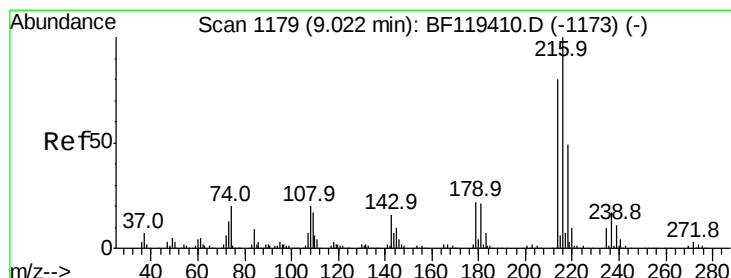
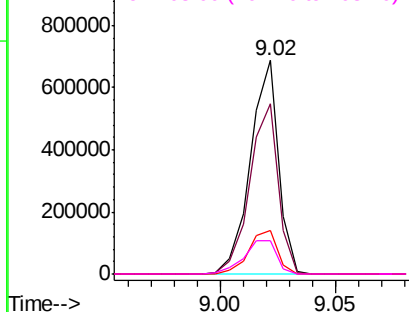
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

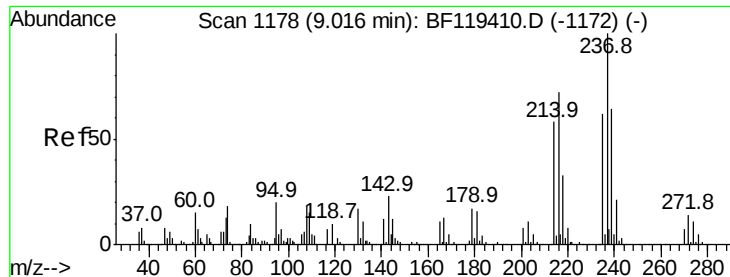


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.692 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.0	94.6
179	21.3	17.0	25.4
108	18.6	15.4	23.0

Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.805 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

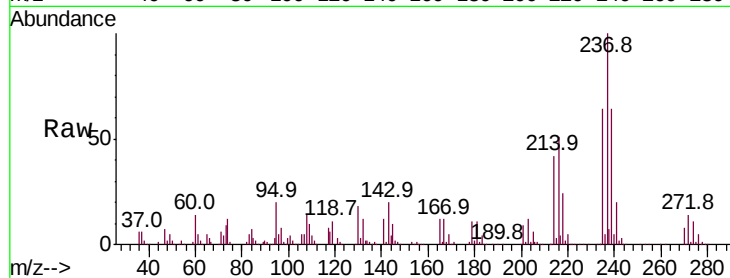
ClientSampleId :

SSTDCCC040

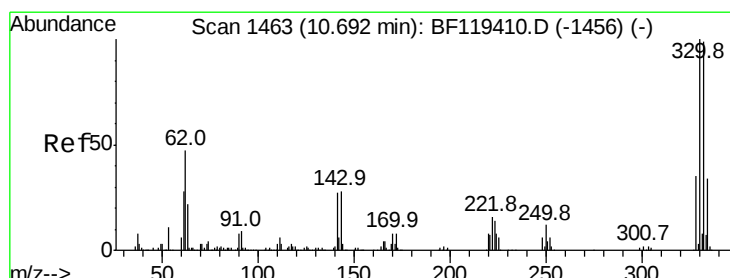
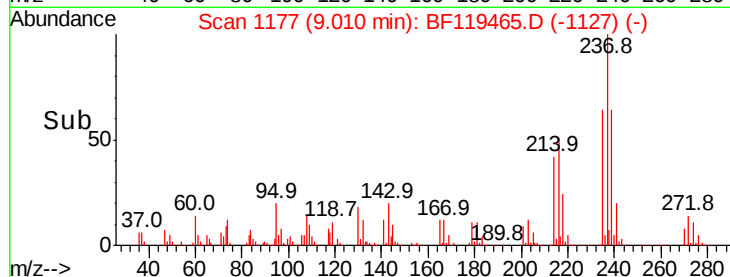
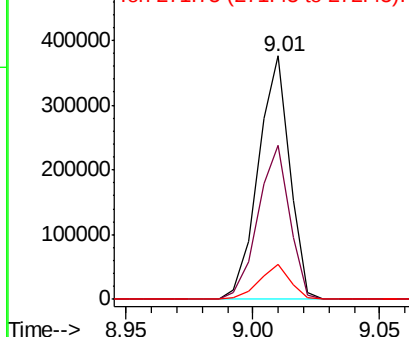
Tot Ion:	237	Resp:	325716
Ion Ratio	Lower	Upper	
237	100		
235	63.5	42.5	82.5
272	14.3	0.0	34.3

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



#42

2,4,6-Tribromophenol

Concen: 92.726 ng

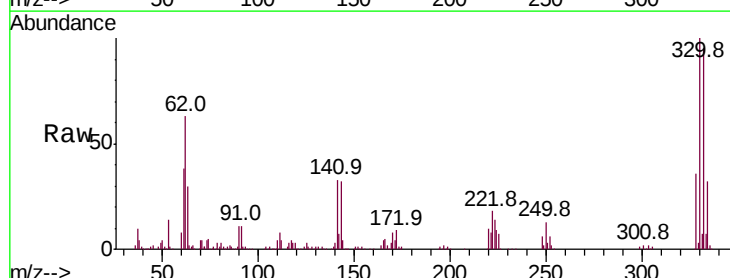
RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

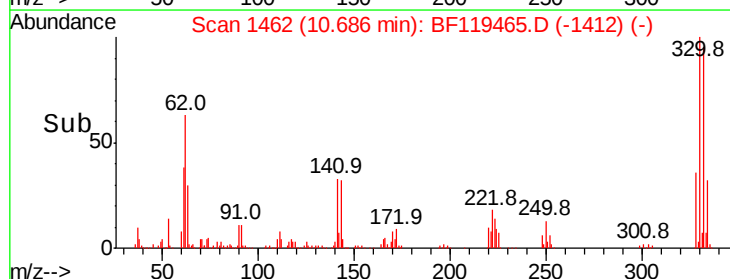
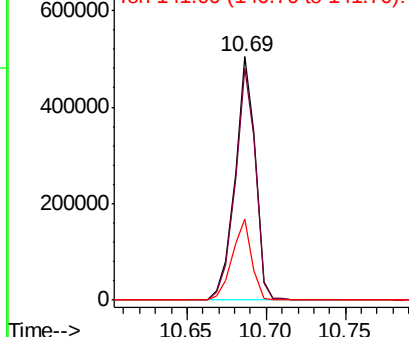
Lab File: BF119465.D

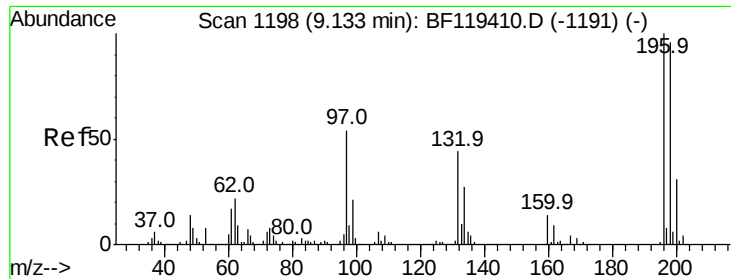
Acq: 20 Mar 2020 9:46

Tgt Ion:	330	Resp:	447287
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.6	116.4
141	32.1	26.6	40.0



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





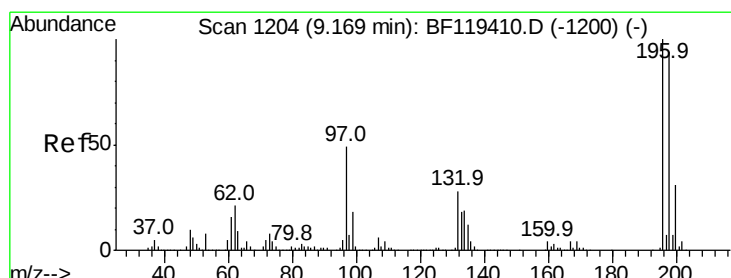
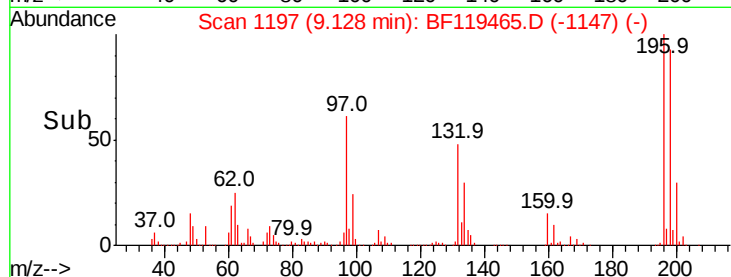
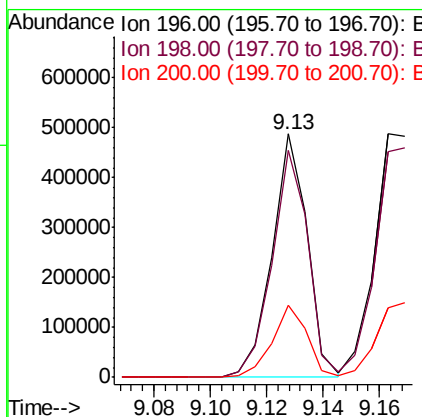
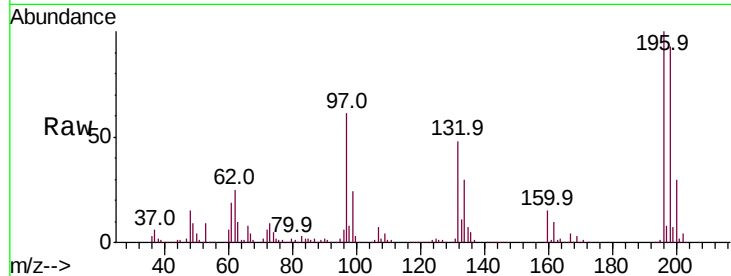
#43
 2,4,6-Trichlorophenol
 Concen: 42.917 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	420906		
198	93.2	77.0	115.4	
200	29.6	25.1	37.7	

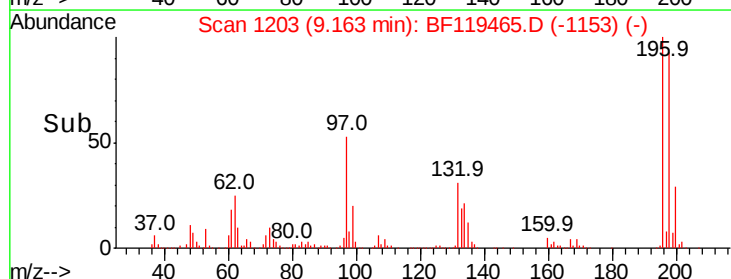
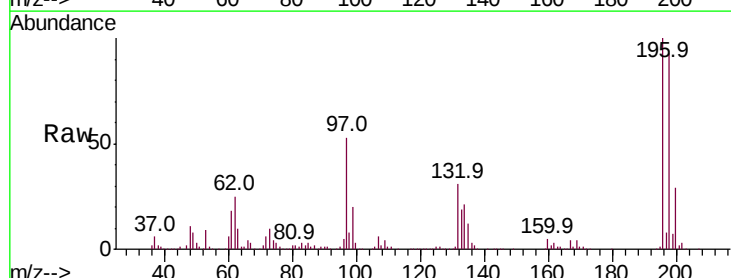
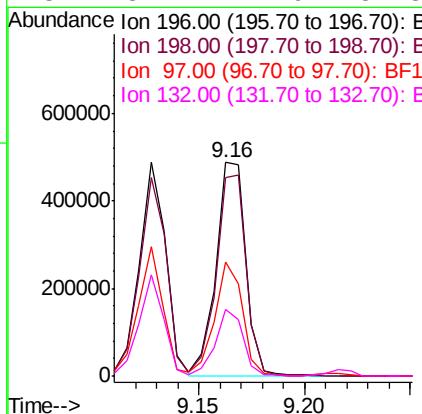
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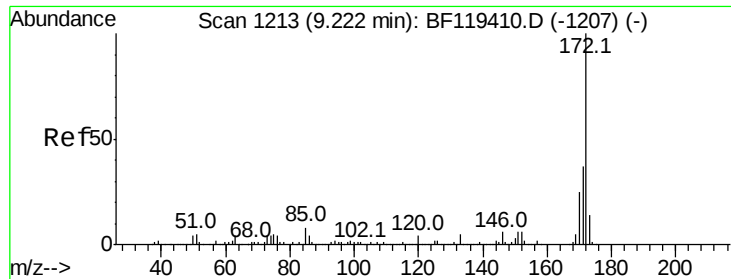
mohammad
 3/23/2020 9:40:33 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.461 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	477493		
198	92.9	75.3	112.9	
97	53.2	39.0	58.4	
132	31.1	22.9	34.3	





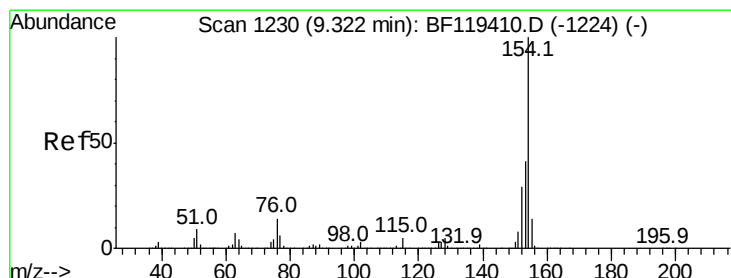
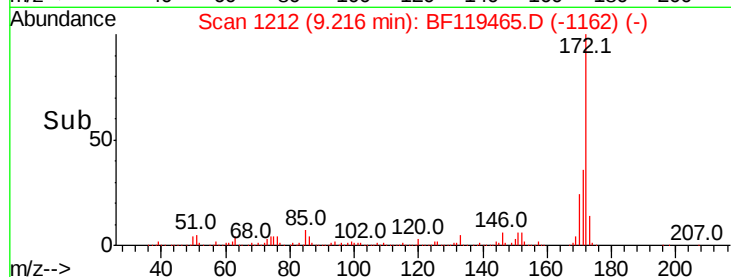
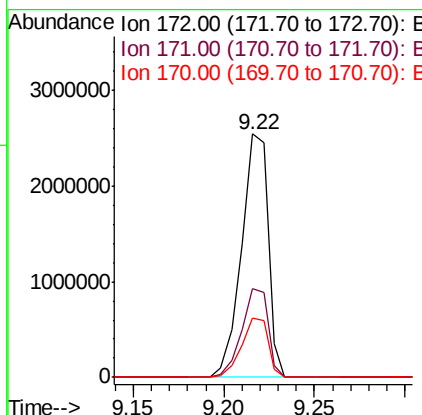
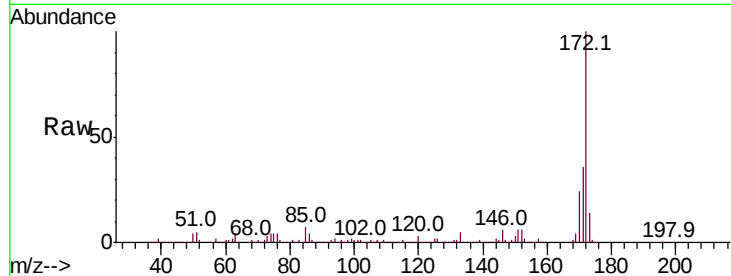
#45
2-Fluorobiphenyl
Concen: 82.402 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 2600706
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.5 20.1 30.1

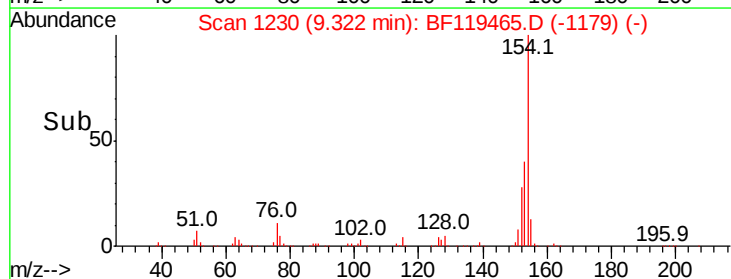
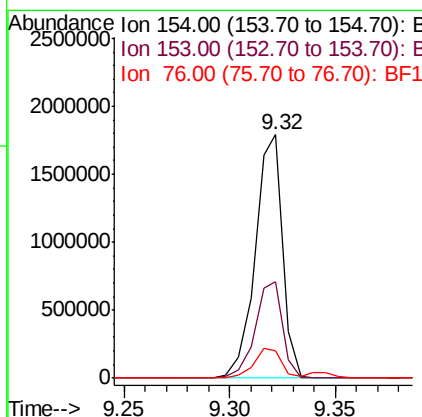
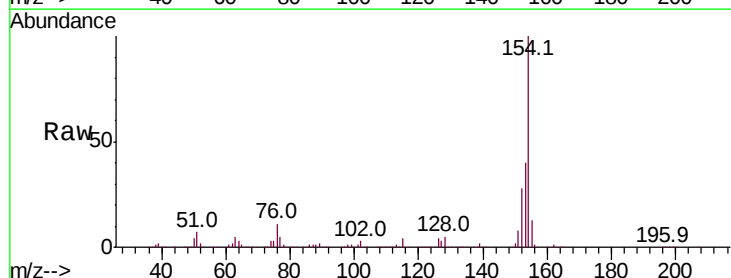
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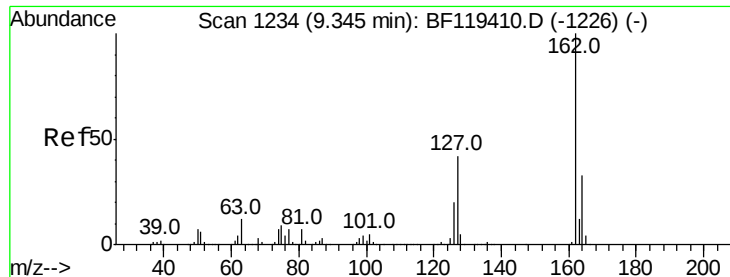
mohammad
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#46
1,1'-Biphenyl
Concen: 42.129 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:154 Resp: 1604329
Ion Ratio Lower Upper
154 100
153 39.8 21.4 61.4
76 11.4 0.0 33.6





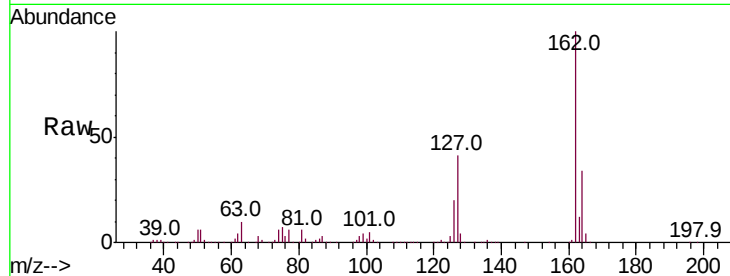
#47
2-Chloronaphthalene
Concen: 41.867 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

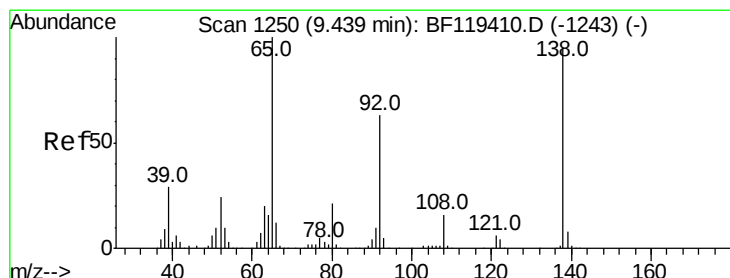
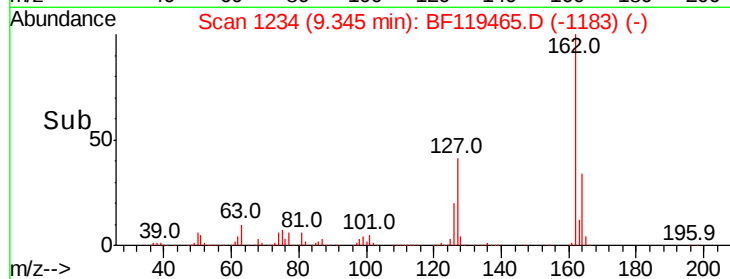
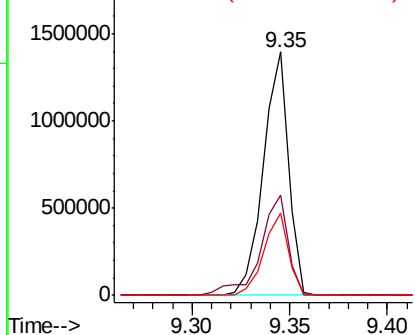
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.7	50.5
164	33.8	26.2	39.4

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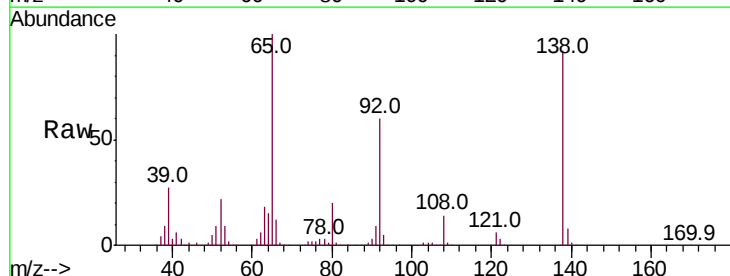


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

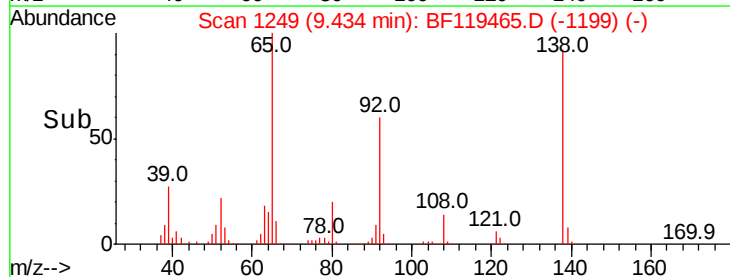
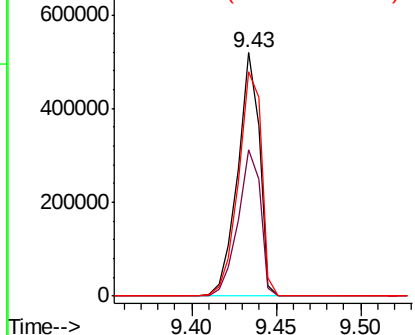


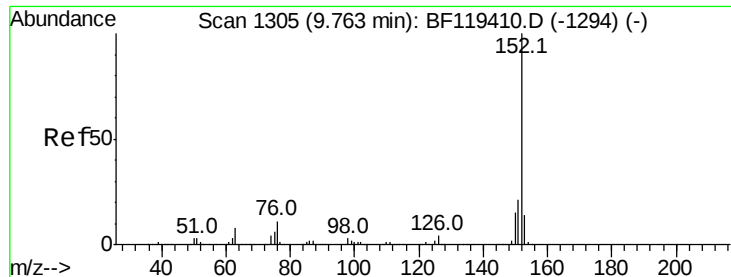
#48
2-Nitroaniline
Concen: 45.338 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	50.5	75.7
138	92.0	75.8	113.8



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





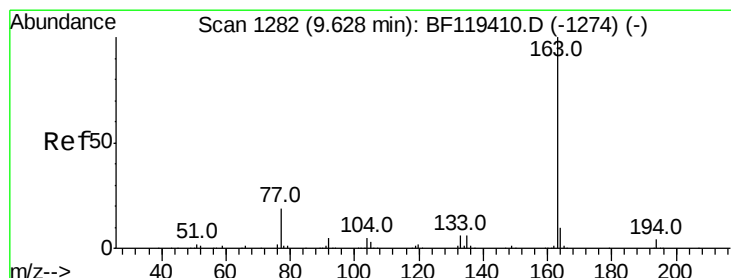
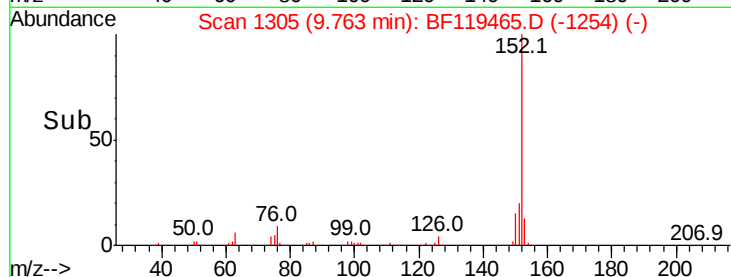
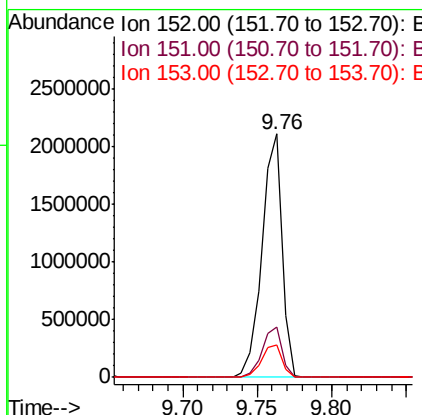
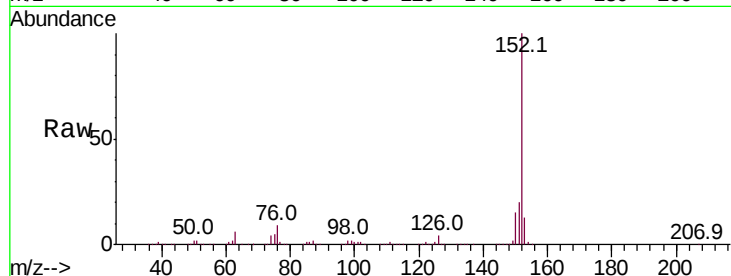
#49
Acenaphthylene
Concen: 41.510 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	11.2	16.8

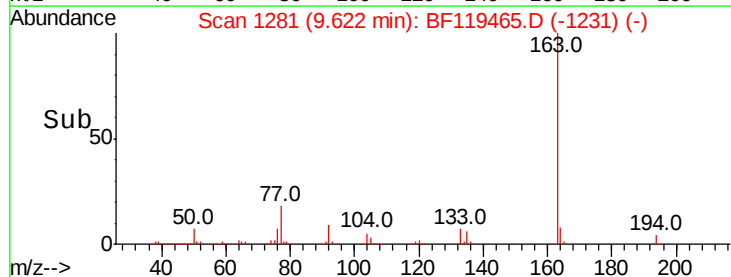
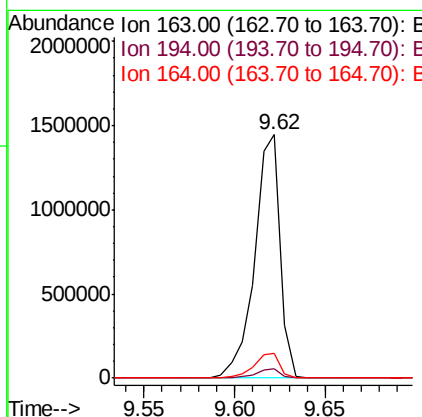
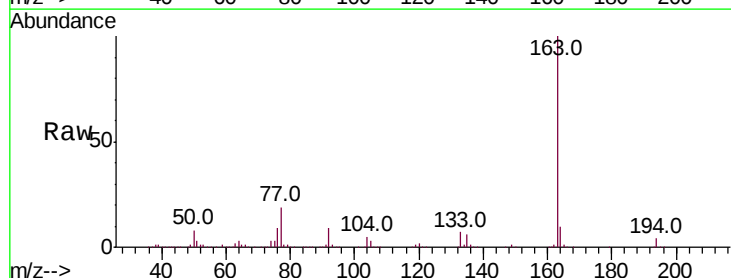
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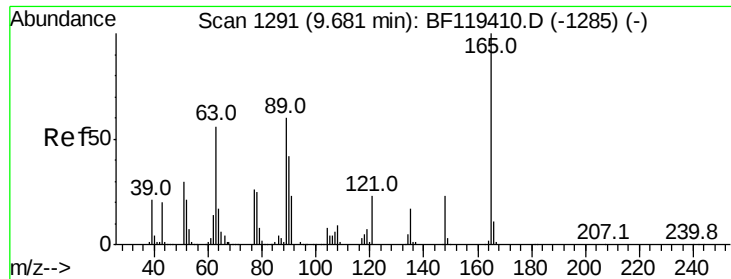
mohammad
3/23/2020 9:40:33 AM



#50
Dimethylphthalate
Concen: 42.532 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 45.196 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 321734
Ion Ratio Lower Upper

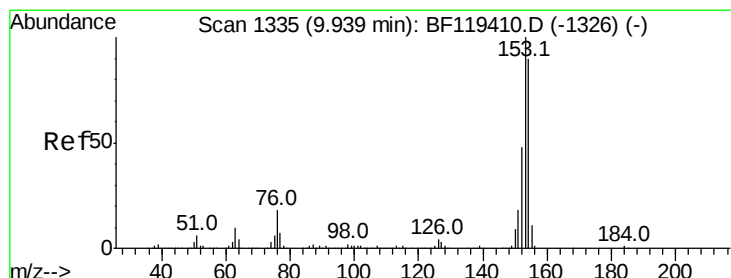
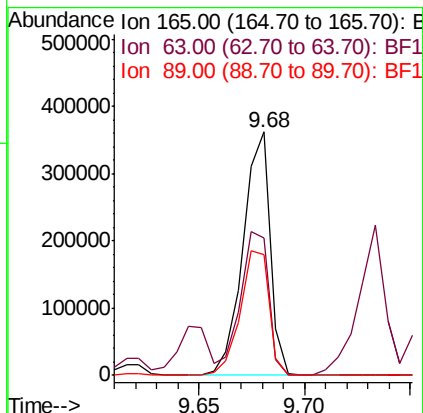
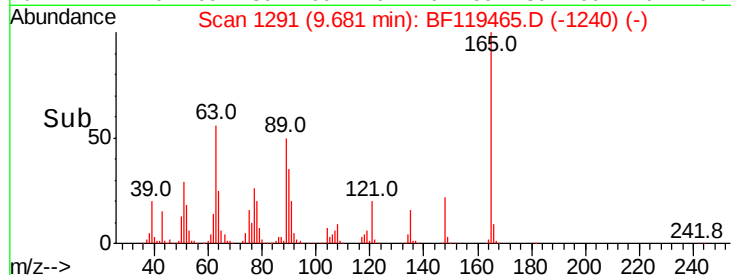
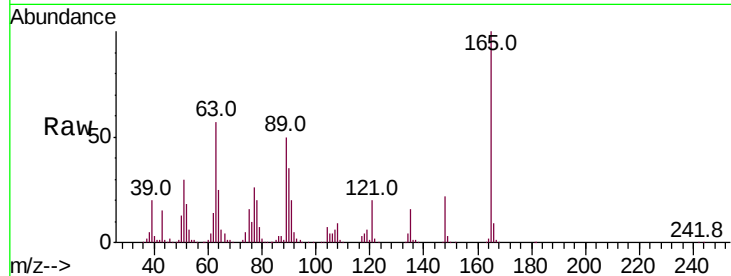
165 100

63 56.6 57.3 85.9#

89 49.8 47.8 71.8

Manual Integrations
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mohammad
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#52

Acenaphthene

Concen: 42.659 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF119465.D

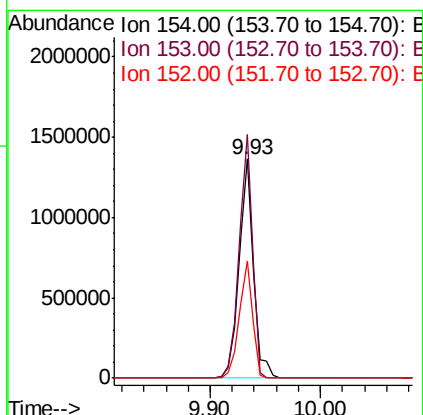
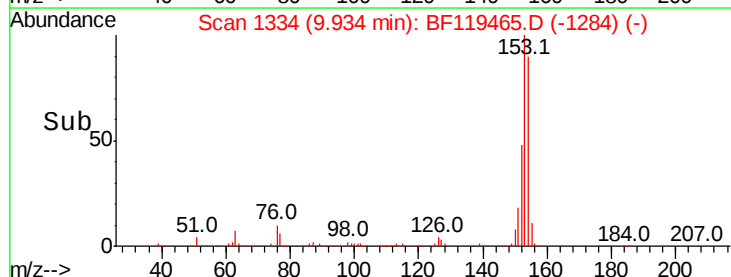
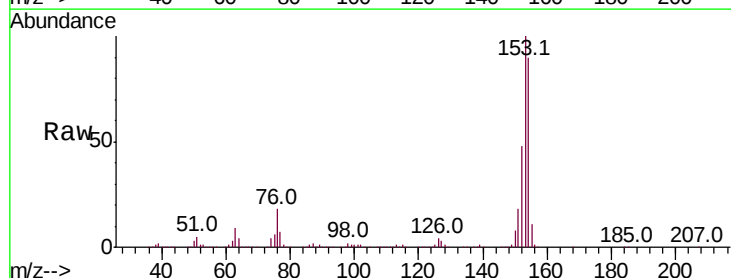
Acq: 20 Mar 2020 9:46

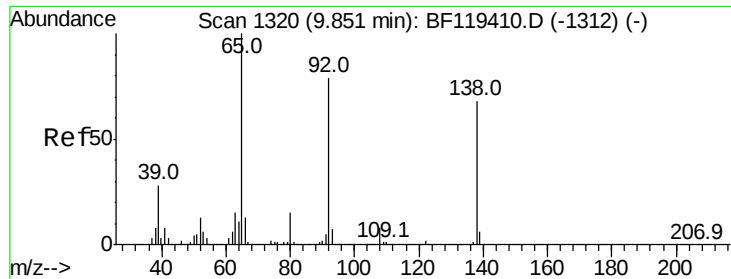
Tgt Ion:154 Resp: 1245745
Ion Ratio Lower Upper

154 100

153 111.1 89.0 133.6

152 53.4 43.1 64.7





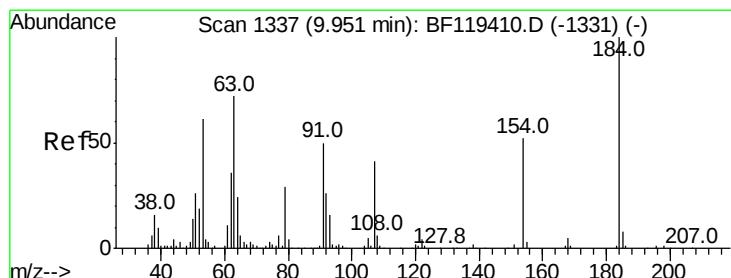
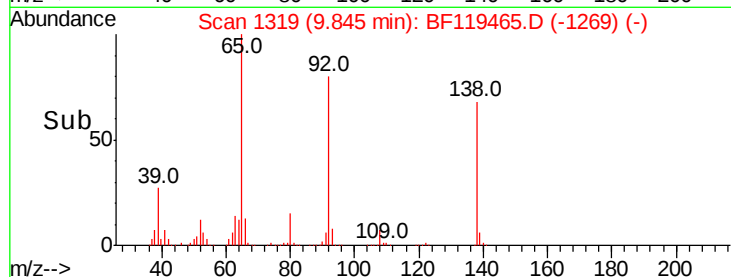
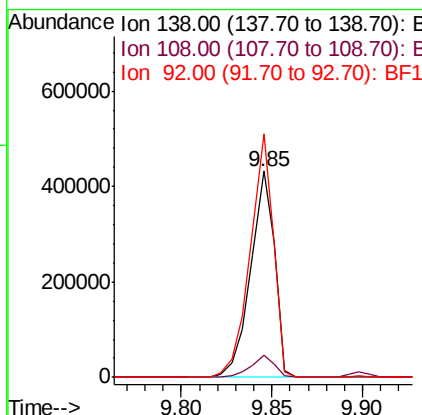
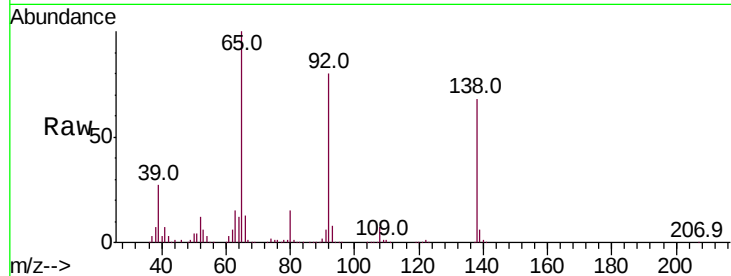
#53
3-Nitroaniline
Concen: 44.117 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.6	9.0	13.6	
92	118.0	93.2	139.8	

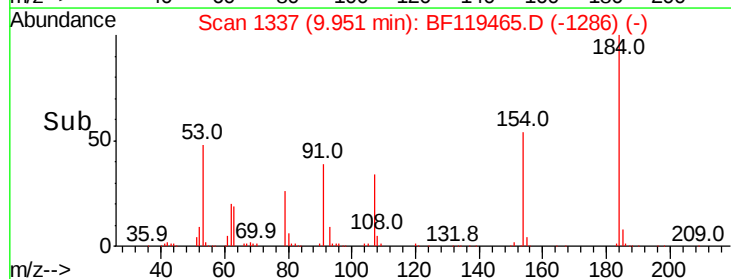
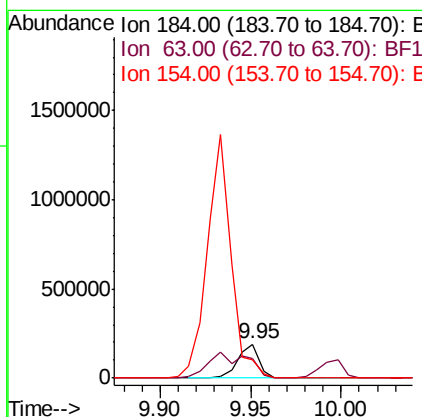
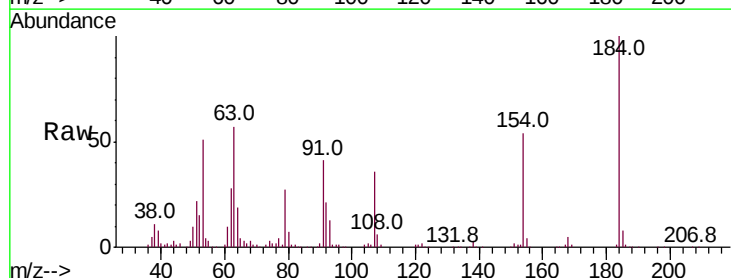
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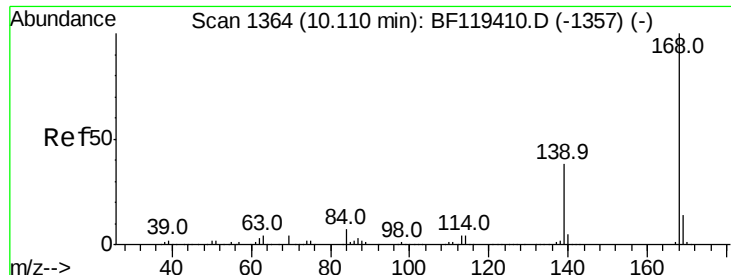
mohammad
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#54
2,4-Dinitrophenol
Concen: 52.270 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.8	58.5	87.7#	
154	53.9	51.8	77.6	





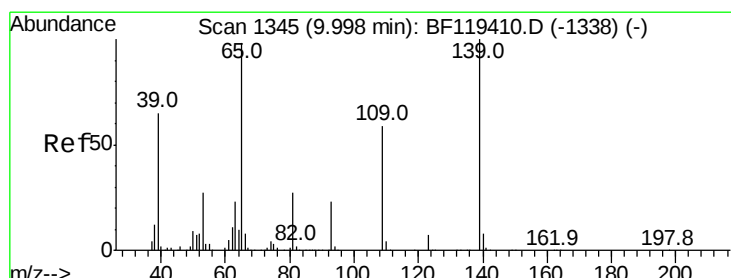
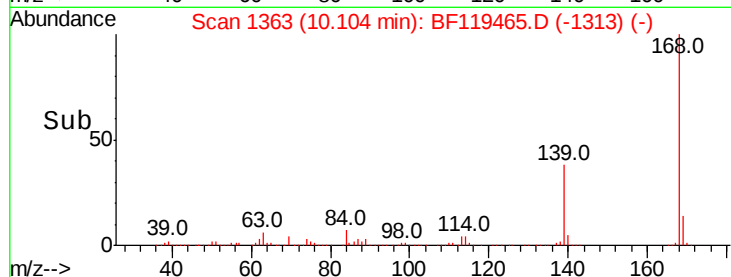
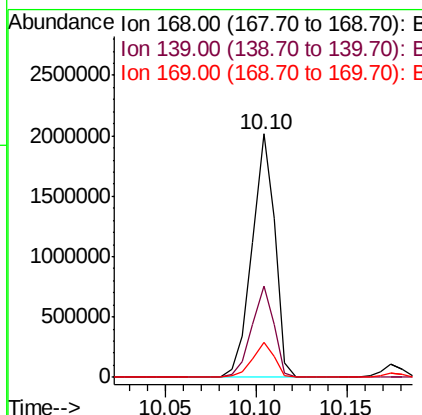
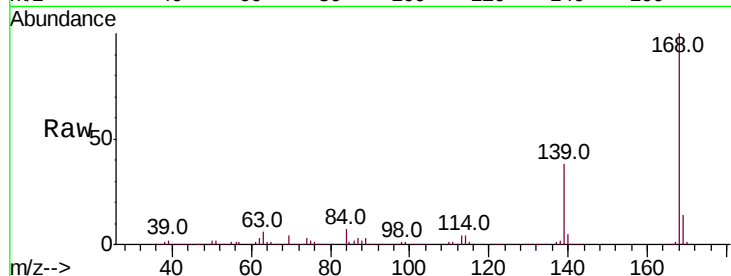
#55
Dibenzenofuran
Concen: 42.043 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 1760286
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 14.1 11.1 16.7

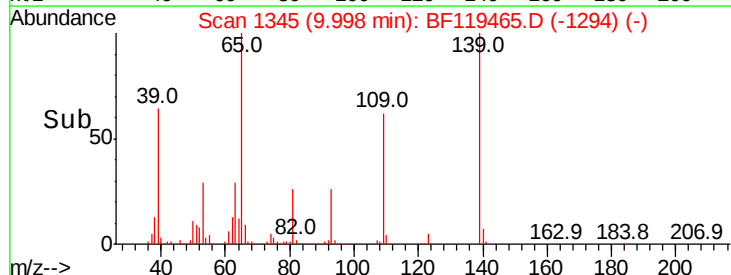
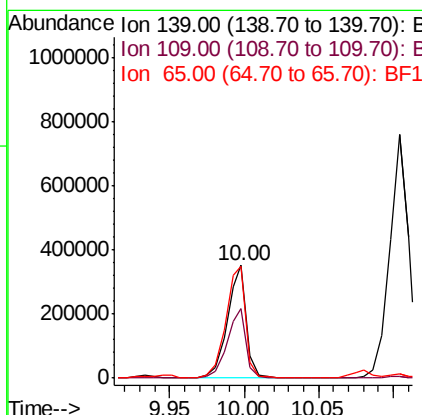
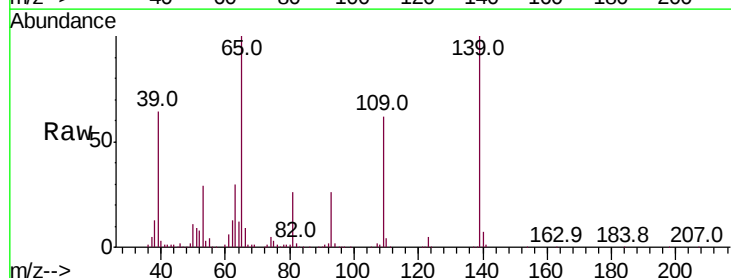
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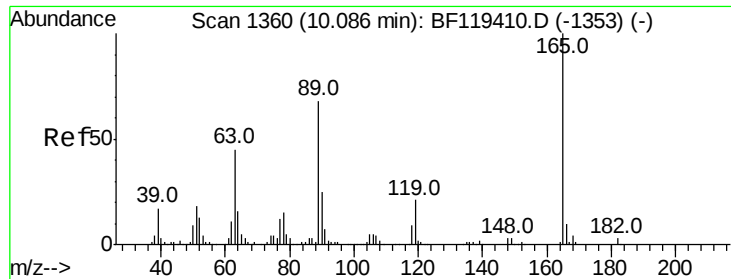
mohammad
3/23/2020 9:40:33 AM



#56
4-Nitrophenol
Concen: 44.566 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:139 Resp: 315961
Ion Ratio Lower Upper
139 100
109 62.0 39.6 79.6
65 99.8 78.3 118.3





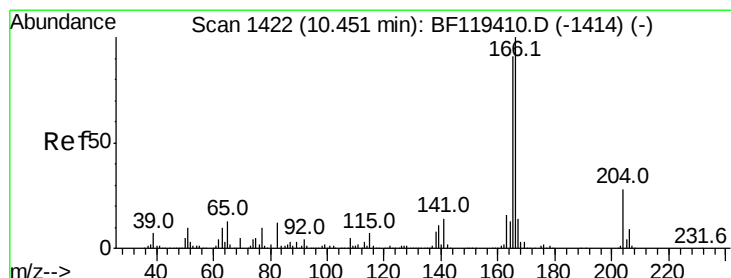
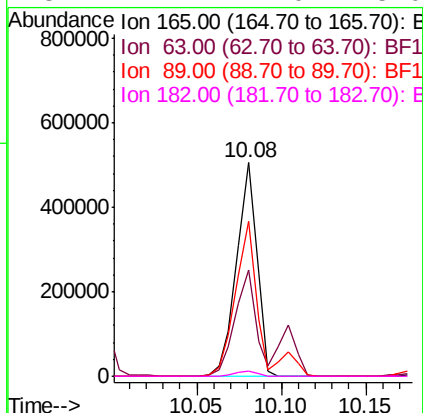
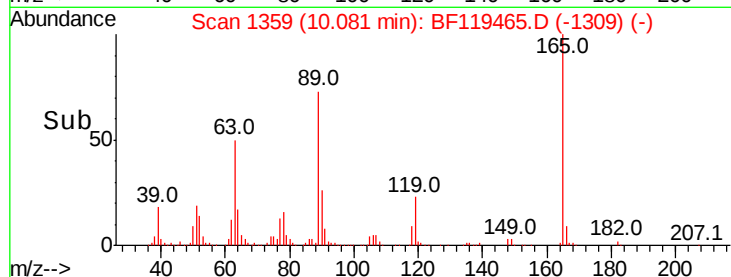
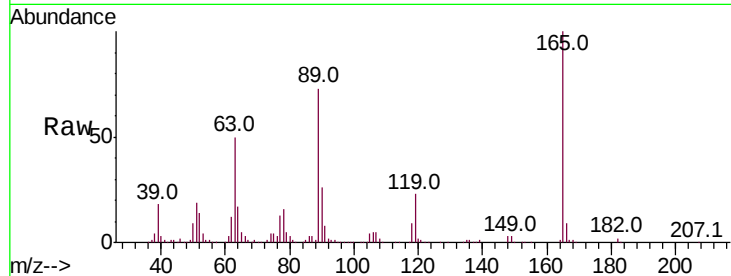
#57
 2,4-Dinitrotoluene
 Concen: 47.471 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	425705		
63	49.6	36.2	54.4	
89	72.7	54.3	81.5	
182	2.1	2.0	3.0	

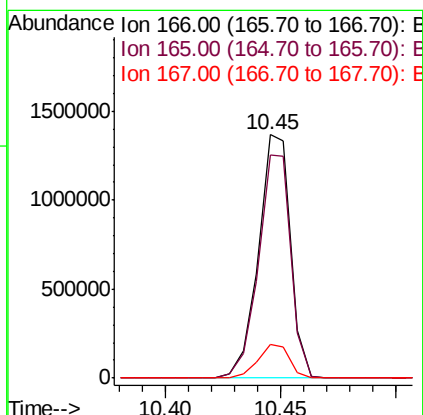
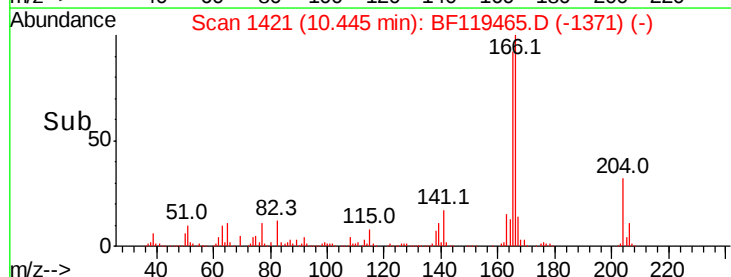
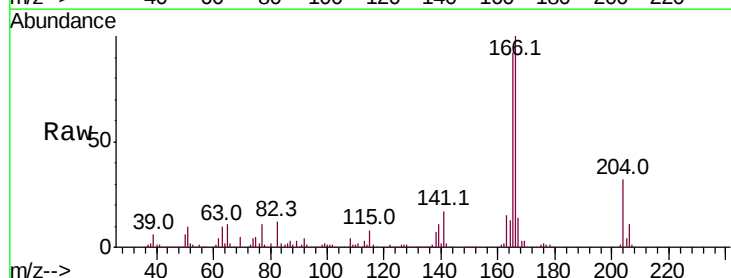
Manual Integrations
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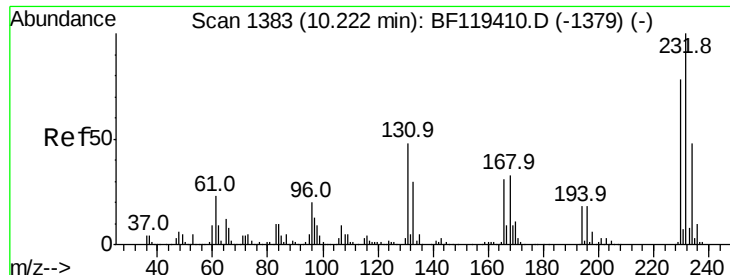
mohammad
 3/23/2020 9:40:33 AM



#58
 Fluorene
 Concen: 42.797 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1325053		
165	91.6	73.1	109.7	
167	13.9	11.0	16.6	





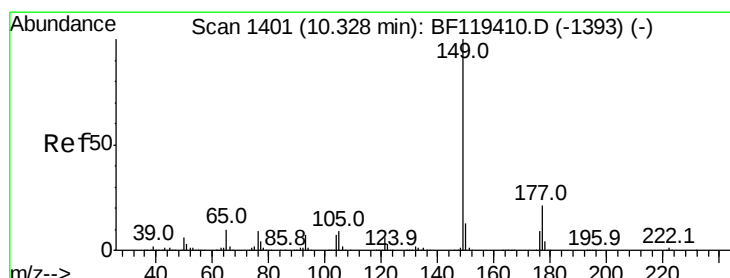
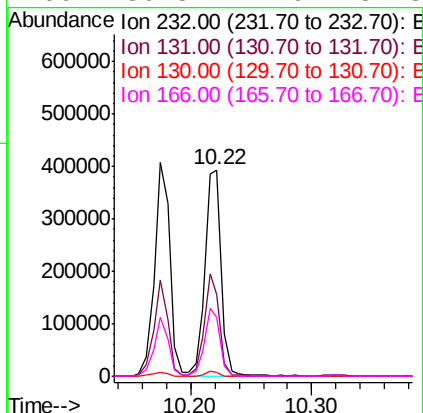
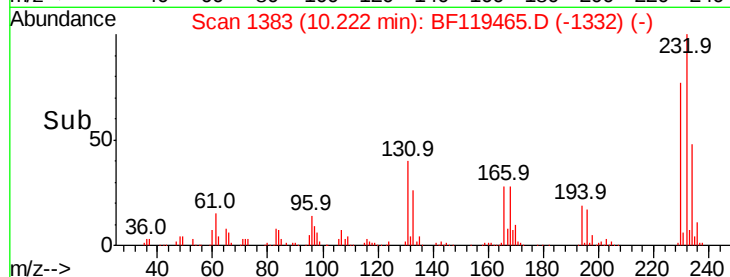
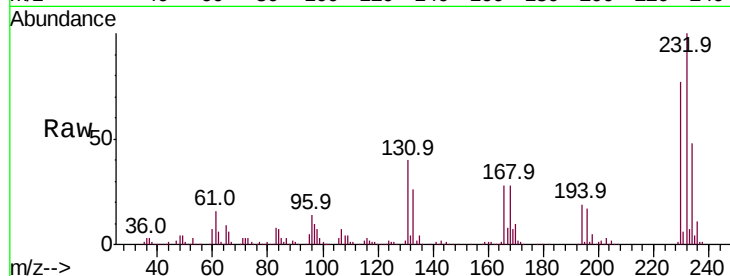
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.712 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.3	54.5
130	2.0	1.8	2.6
166	30.8	24.9	37.3

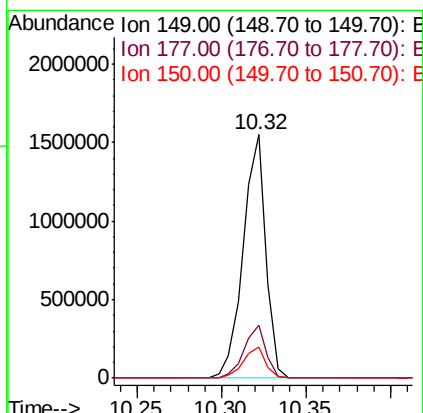
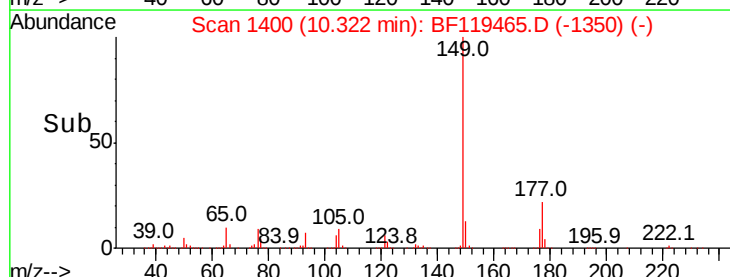
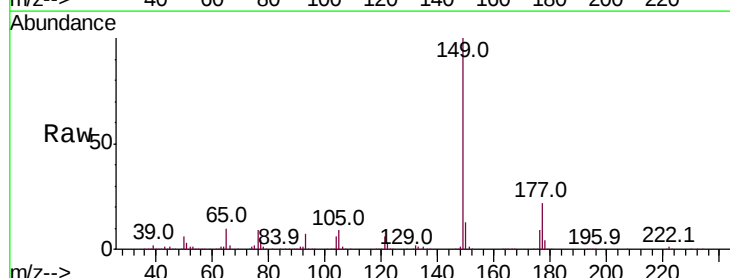
Manual Integrations
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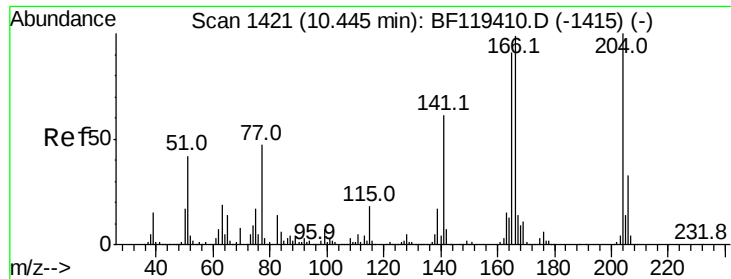
mohammad
 3/23/2020 9:40:33 AM



#60
 Diethylphthalate
 Concen: 42.845 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.0	25.6
150	13.0	10.2	15.4





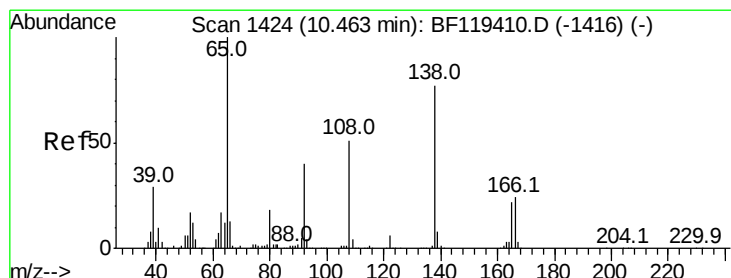
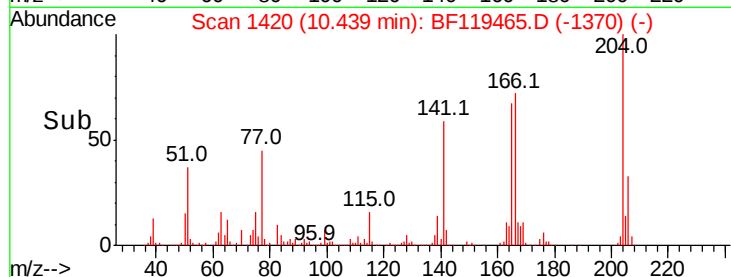
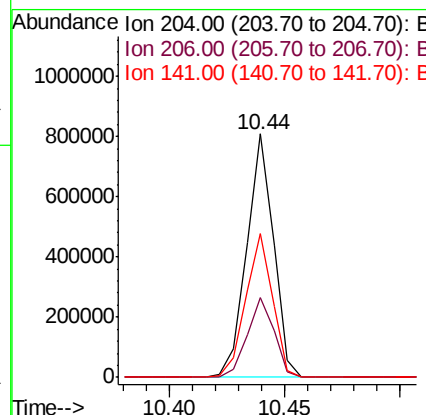
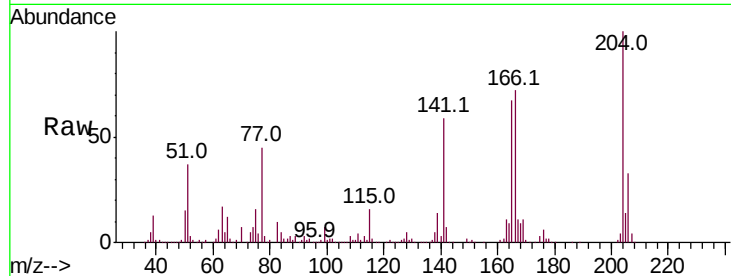
#61
4-Chlorophenyl-phenylether
Concen: 43.312 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	58.8	48.8	73.2

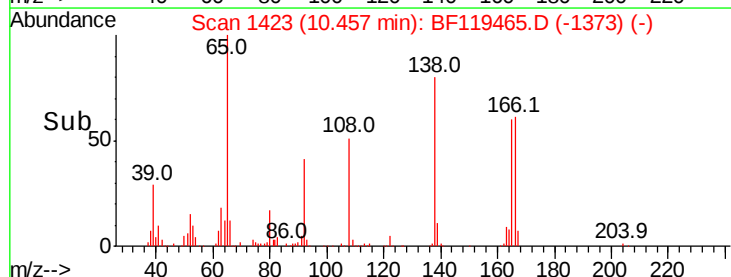
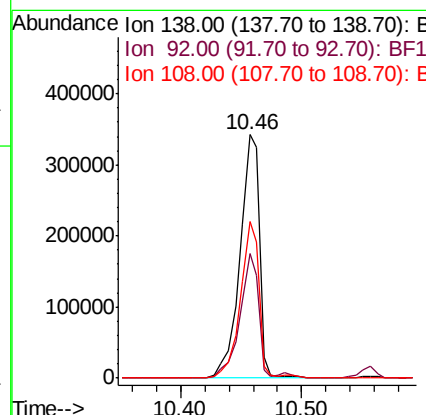
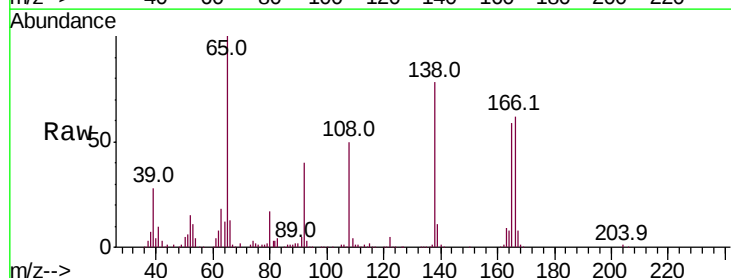
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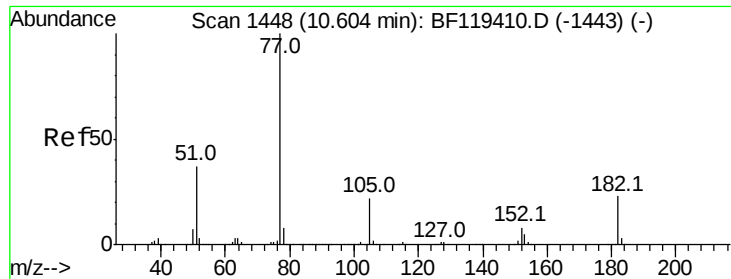
mohammad
3/23/2020 9:40:33 AM



#62
4-Nitroaniline
Concen: 44.866 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	32.0	72.0
108	64.3	46.0	86.0





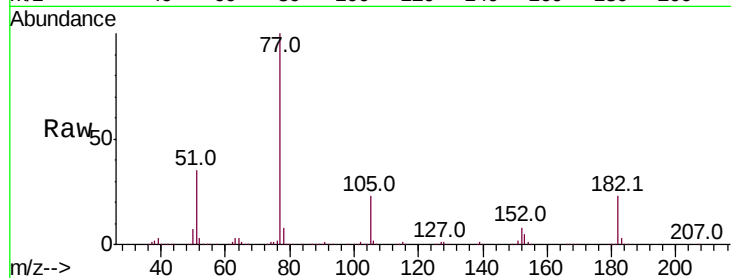
#63
Azobenzene
Concen: 41.118 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

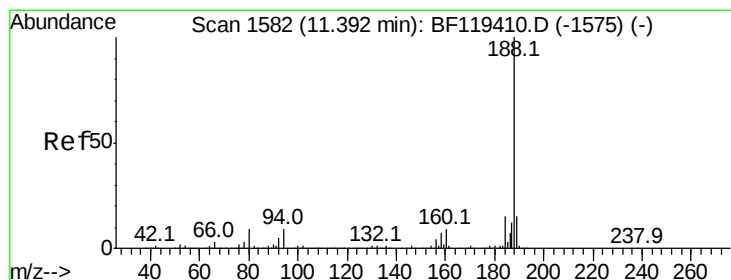
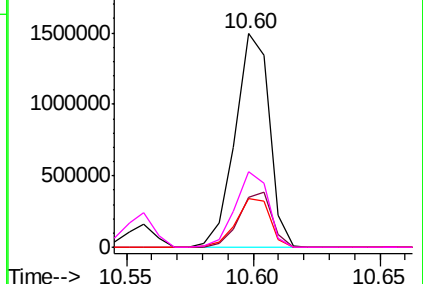
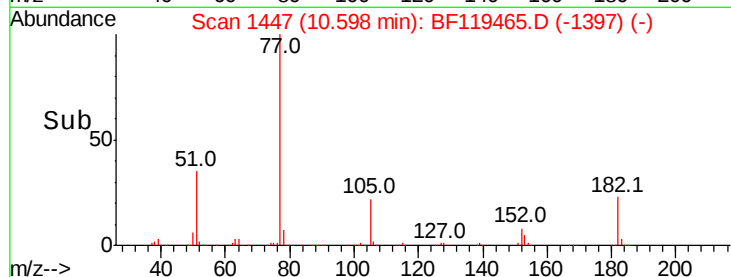
Tot Ion: 77 Resp: 1395726
Ion Ratio Lower Upper
77 100
182 23.2 2.5 42.5
105 22.7 2.5 42.5
51 35.2 17.1 57.1

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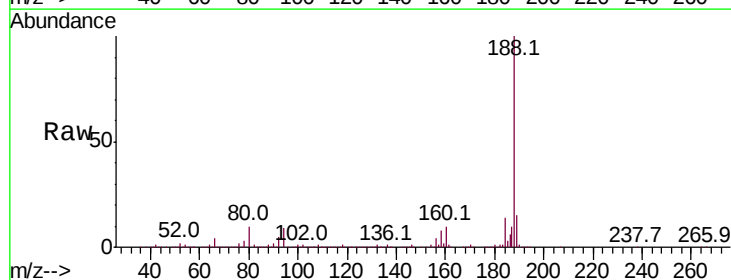


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

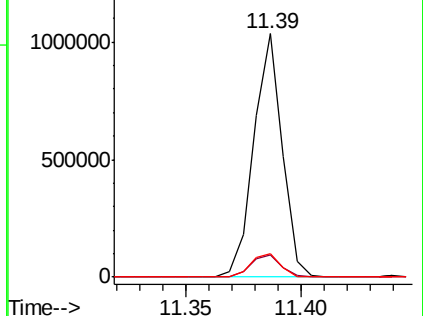
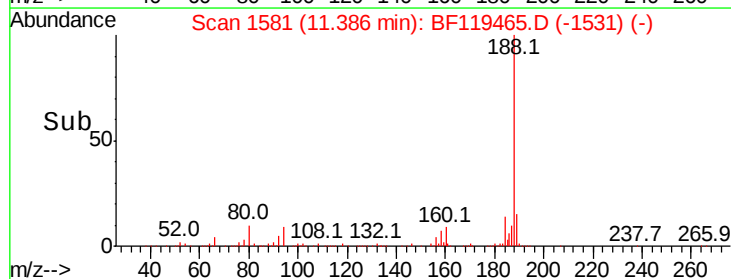


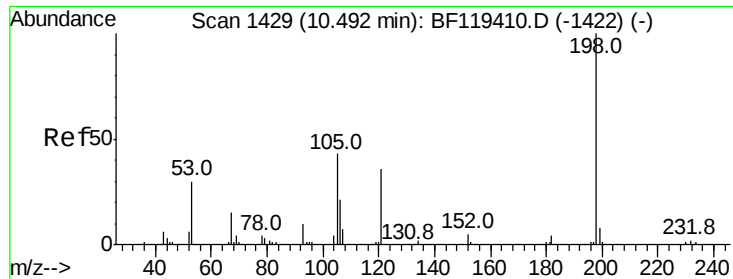
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion: 188 Resp: 887021
Ion Ratio Lower Upper
188 100
94 9.2 7.1 10.7
80 9.7 7.5 11.3



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





#65

4,6-Dinitro-2-methylphenol

Concen: 54.873 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

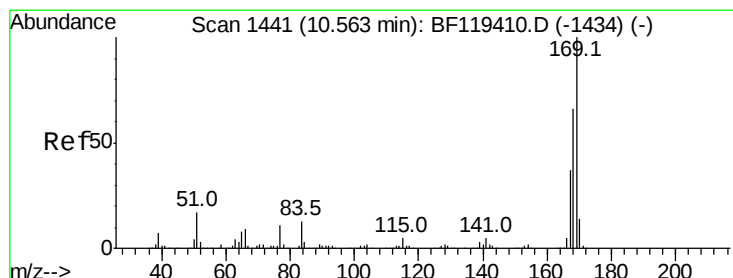
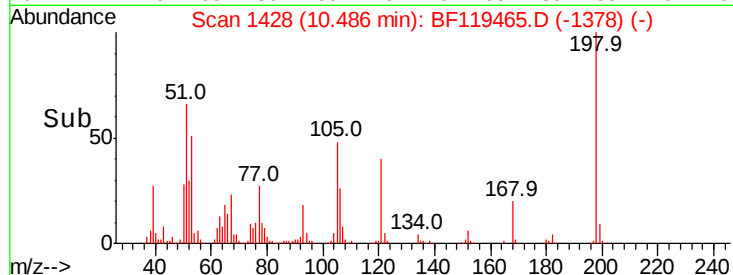
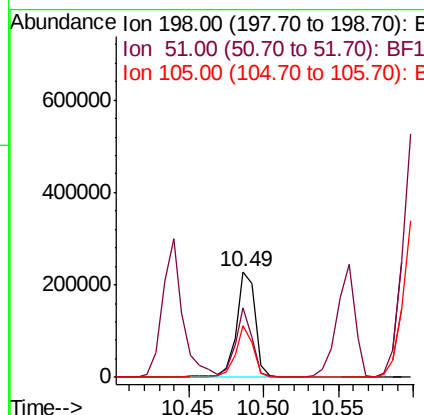
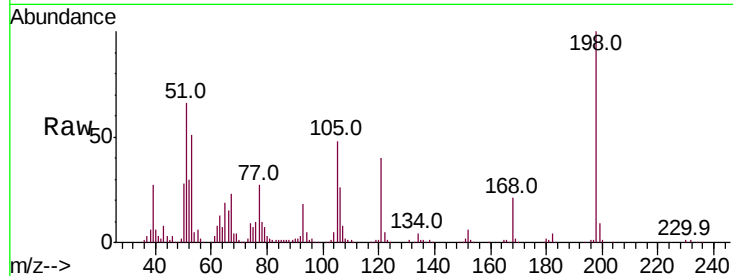
ClientSampleId :

SSTDCCC040

Tot Ion:	198	Resp:	204100
Ion Ratio	Lower	Upper	
198	100		
51	65.6	33.1	73.1
105	48.4	24.1	64.1

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#66

n-Nitrosodiphenylamine

Concen: 42.144 ng

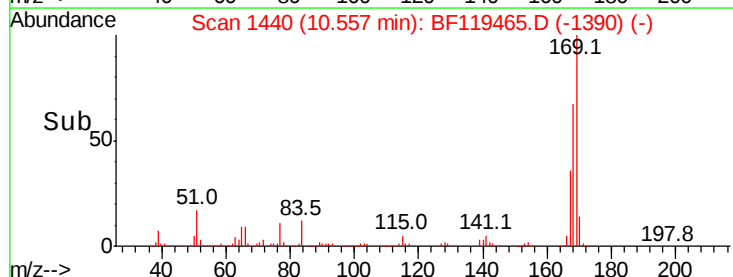
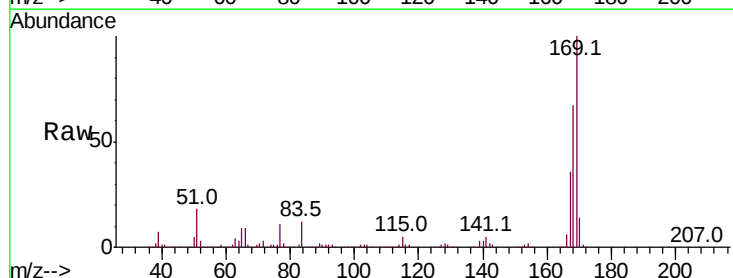
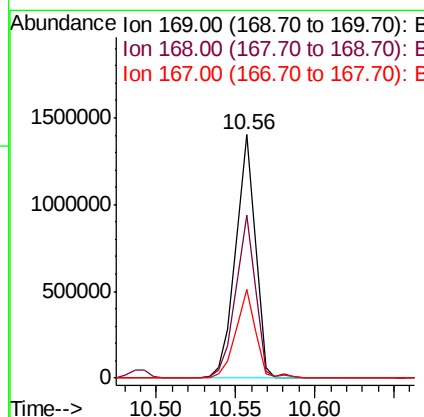
RT: 10.56 min Scan# 1440

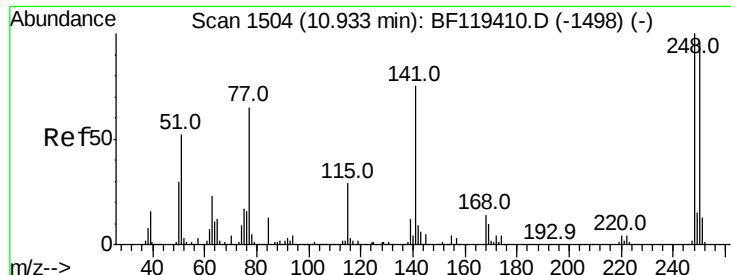
Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:	169	Resp:	1227224
Ion Ratio	Lower	Upper	
169	100		
168	66.9	52.7	79.1
167	36.4	29.3	43.9





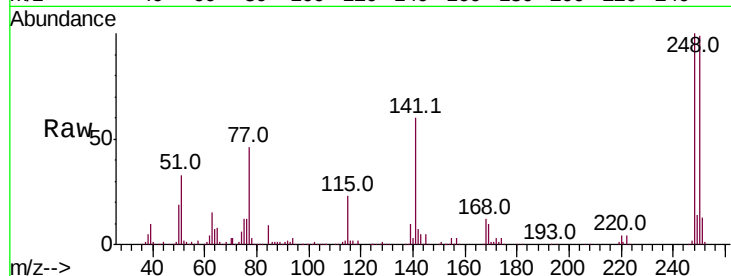
#67
4-Bromophenyl-phenylether
Concen: 41.960 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.0	115.6
141	60.4	59.7	89.5

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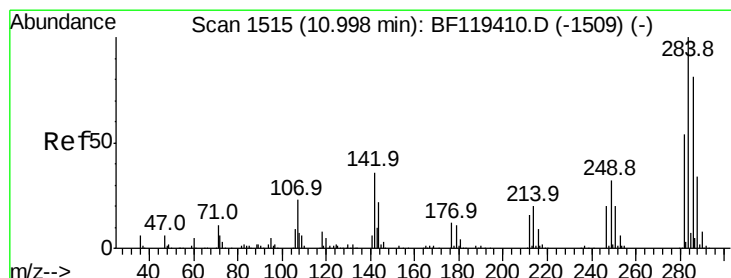
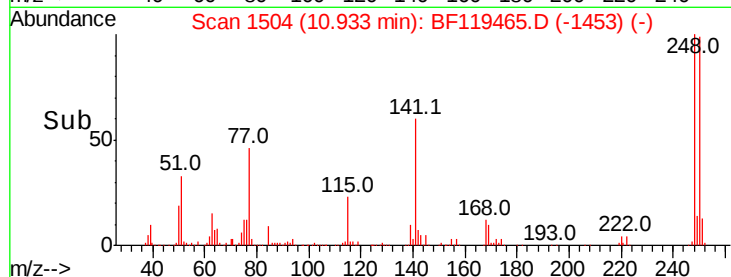
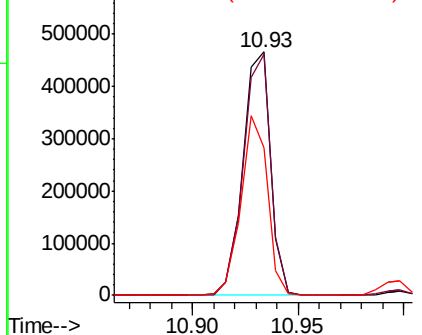


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.123 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

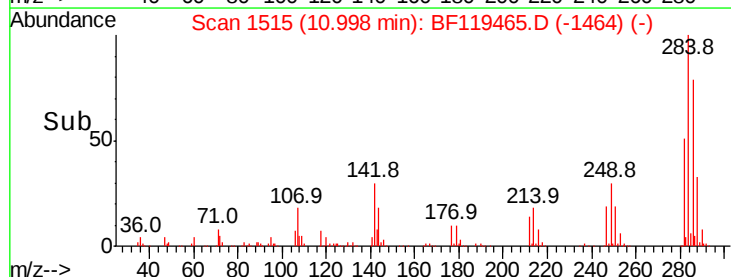
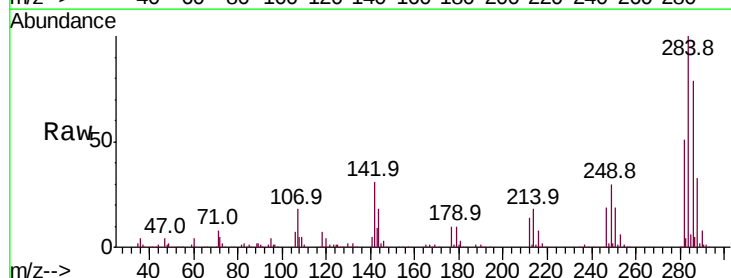
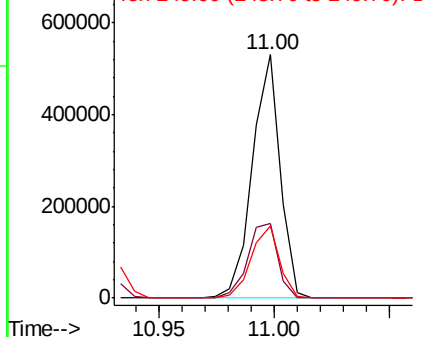
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	28.7	43.1
249	29.8	25.4	38.0

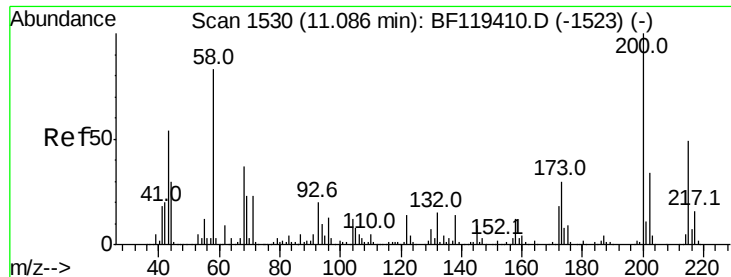
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





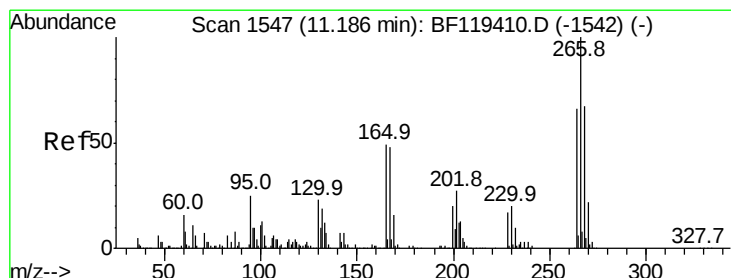
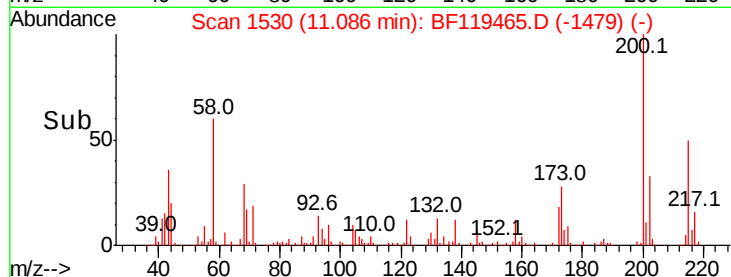
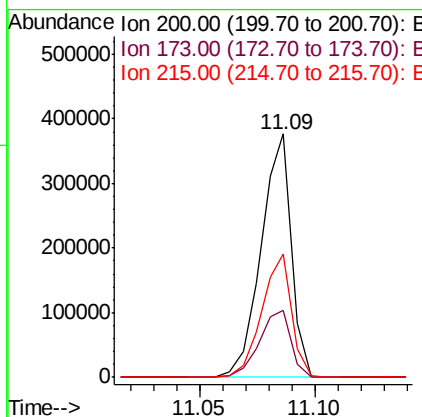
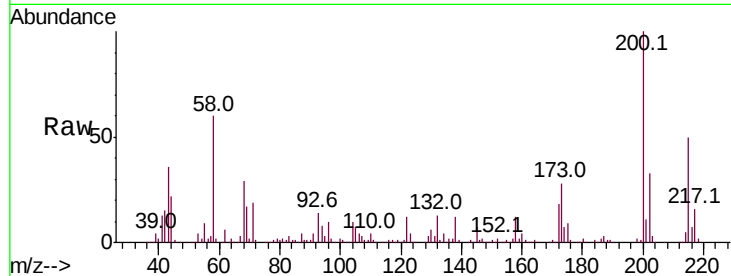
#69
Atrazine
Concen: 42.797 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.9	49.9
215	50.4	29.4	69.4

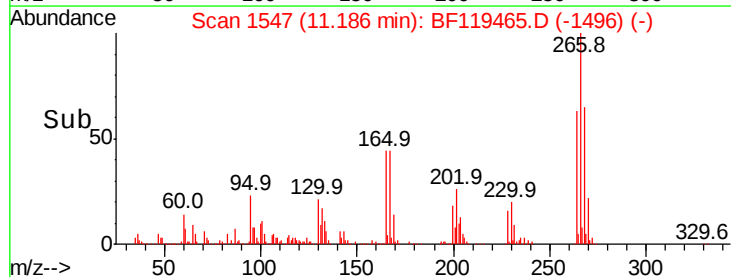
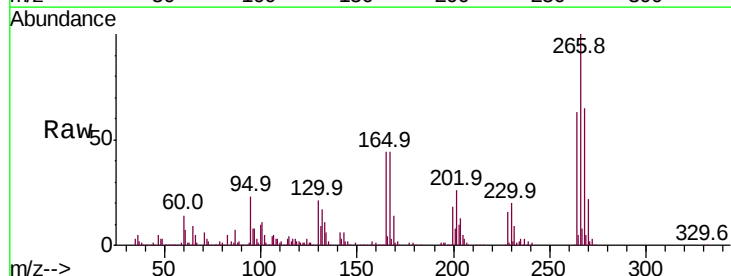
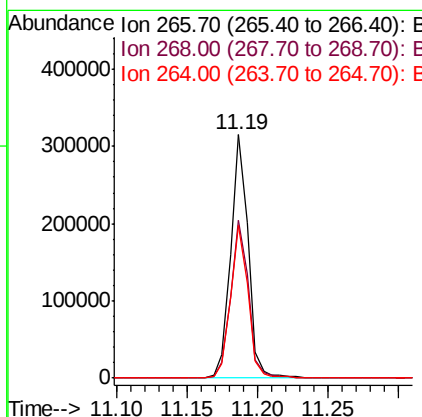
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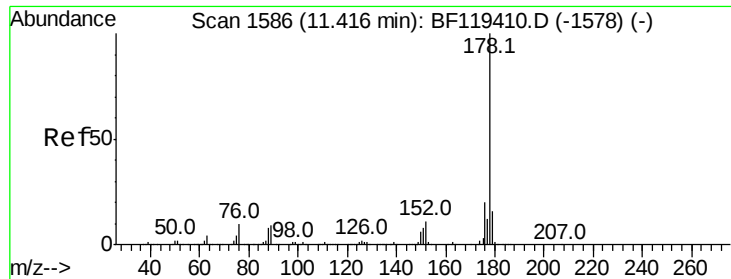
mohammad
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#70
Pentachlorophenol
Concen: 44.900 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	53.7	80.5
264	62.9	52.5	78.7





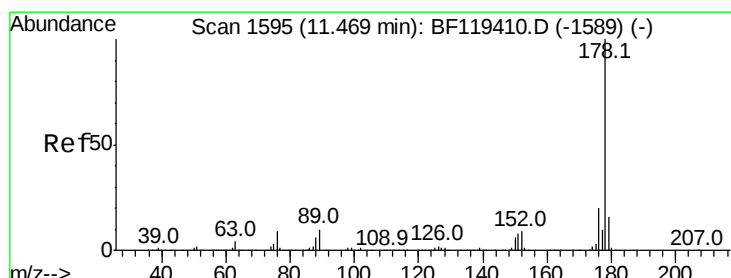
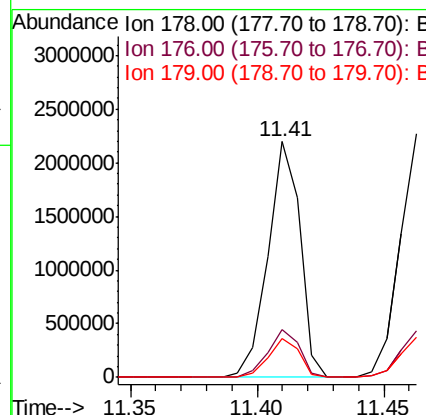
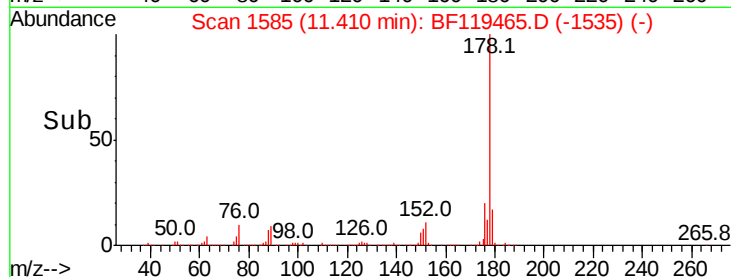
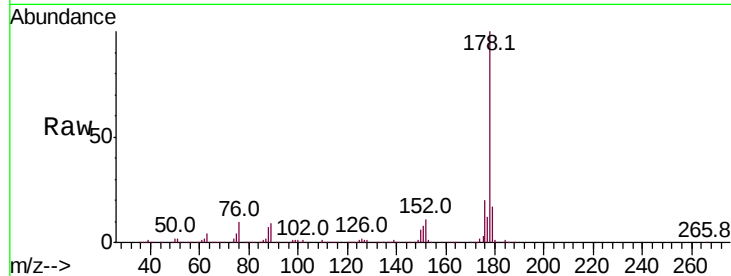
#71
Phenanthrene
Concen: 42.529 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 1956075
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.6 12.9 19.3

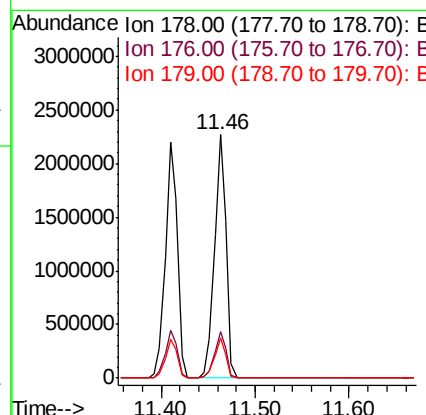
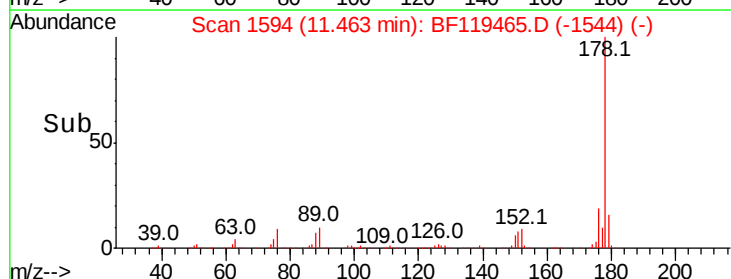
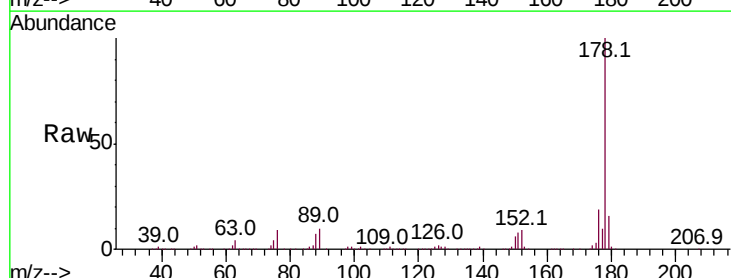
Manual Integrations
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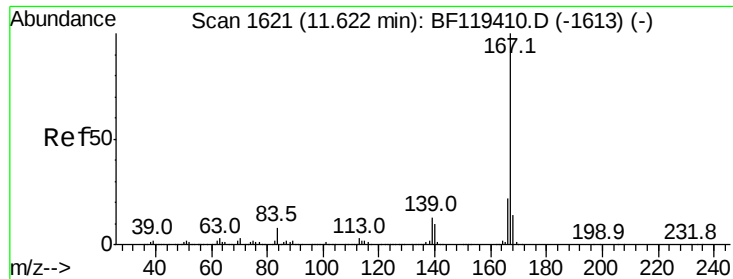
mohammad
3/23/2020 9:40:33 AM



#72
Anthracene
Concen: 42.793 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:178 Resp: 2000409
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 16.3 13.1 19.7





#73

Carbazole

Concen: 42.709 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1976123

Ion Ratio Lower Upper

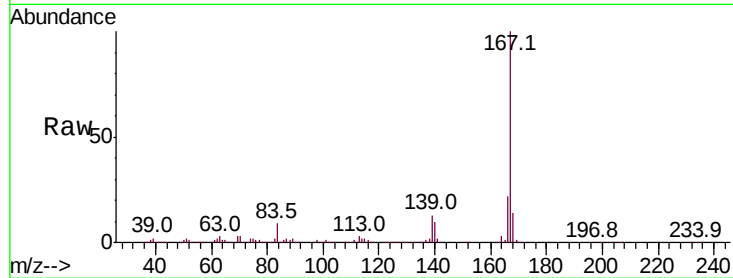
167 100

166 22.1 17.8 26.6

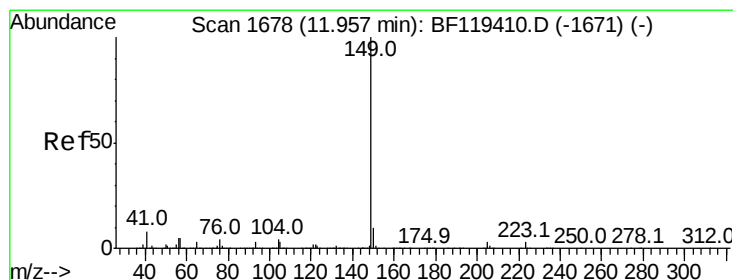
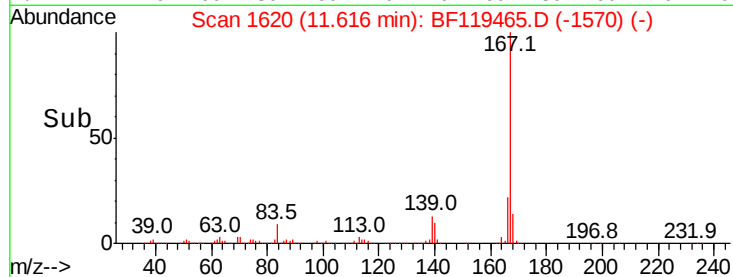
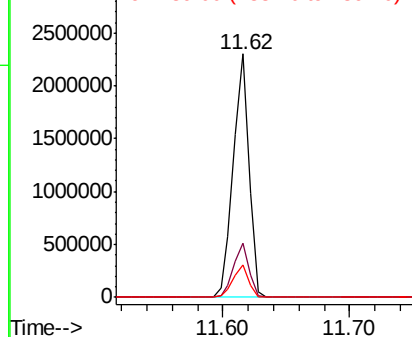
139 13.1 10.2 15.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.864 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

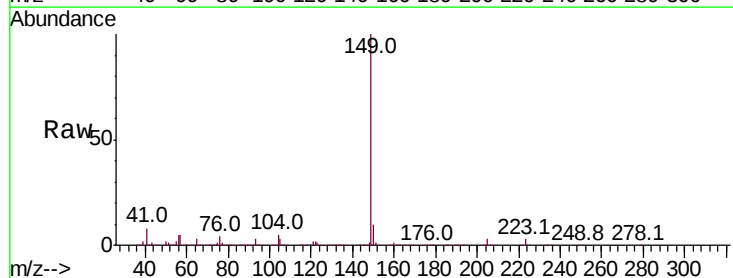
Tgt Ion:149 Resp: 2171105

Ion Ratio Lower Upper

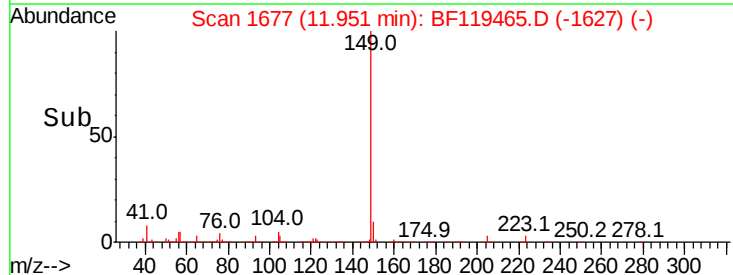
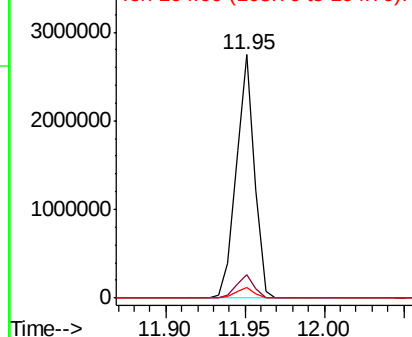
149 100

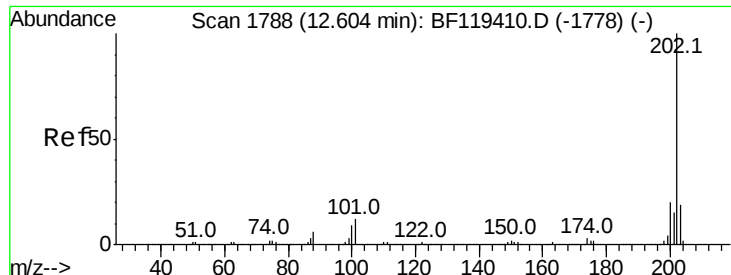
150 9.8 7.6 11.4

104 4.6 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





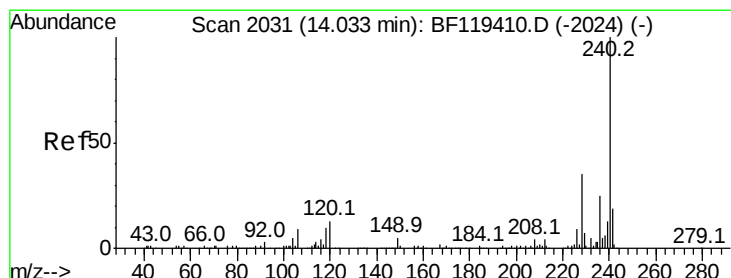
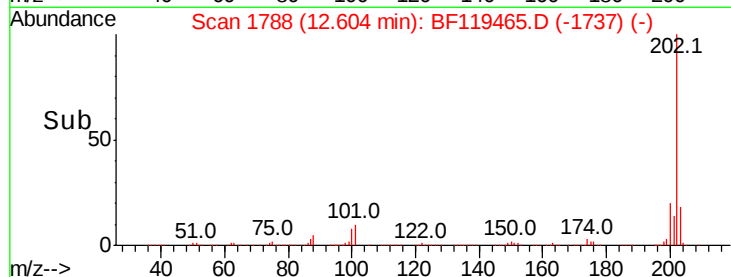
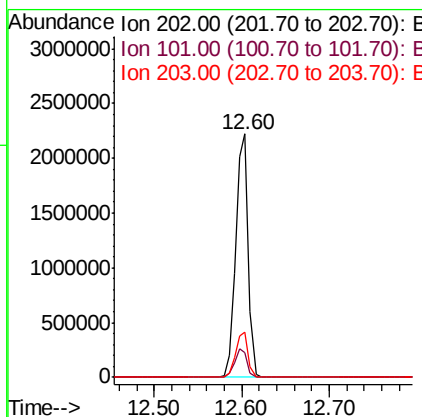
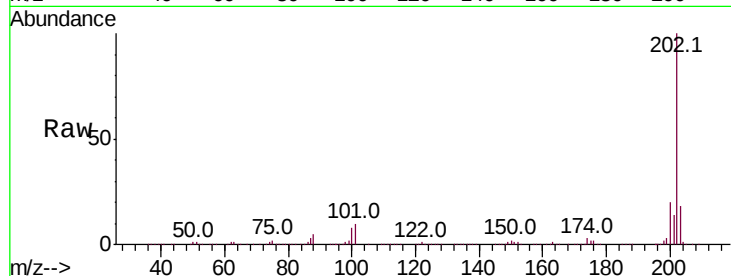
#75
Fluoranthene
 Concen: 43.056 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.4
203	18.4	0.0	38.5

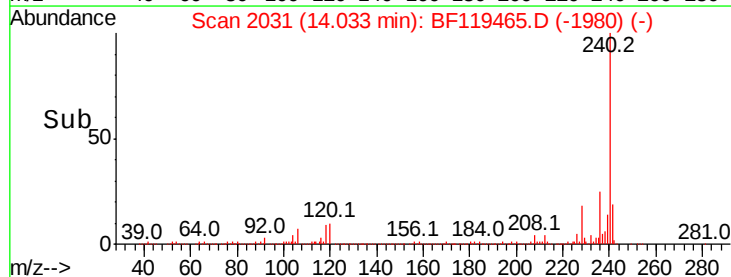
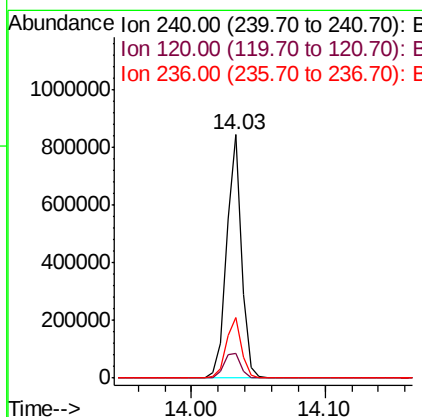
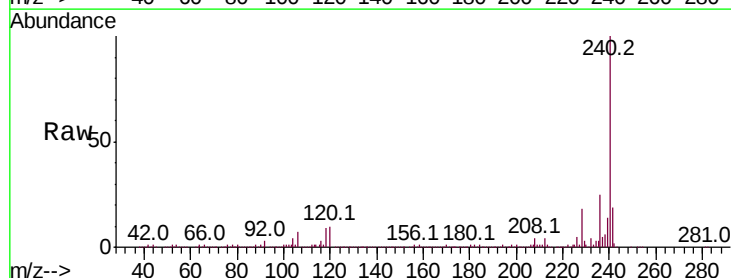
Manual Integrations
APPROVED

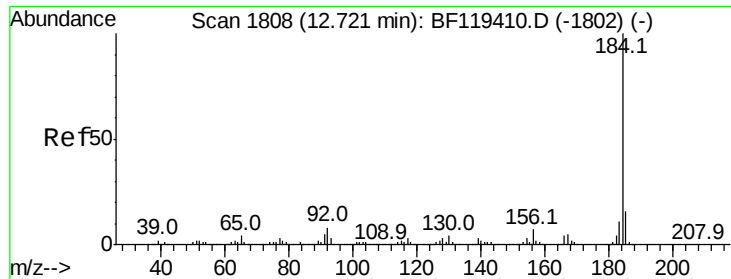
mohammad
 3/23/2020 9:40:33 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.2	15.4#
236	25.0	20.4	30.6





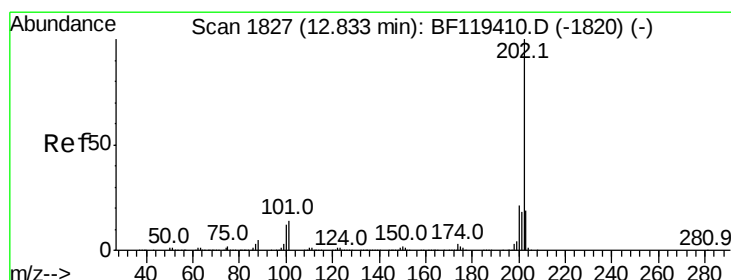
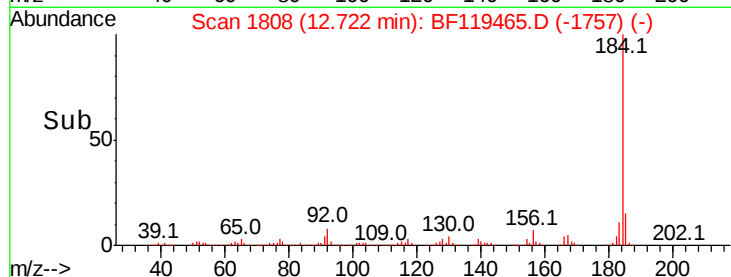
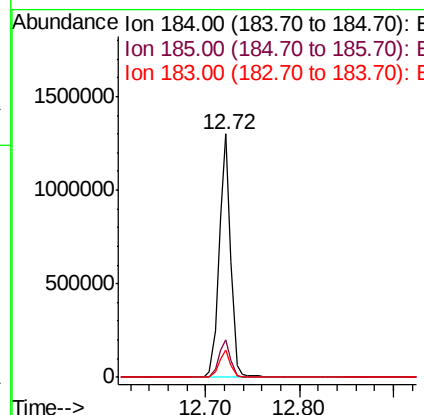
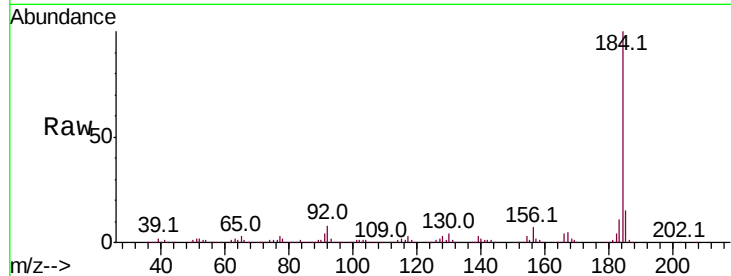
#77
Benzidine
Concen: 40.304 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.9	19.3
183	11.1	9.0	13.4

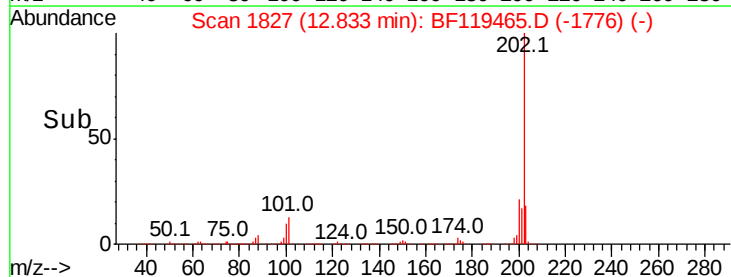
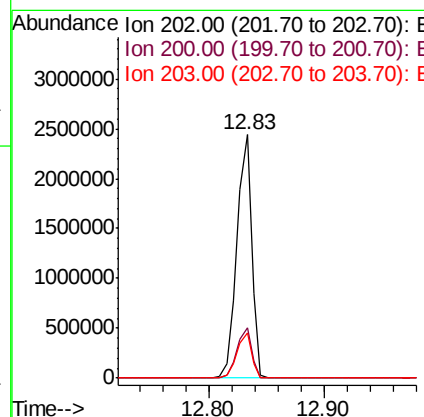
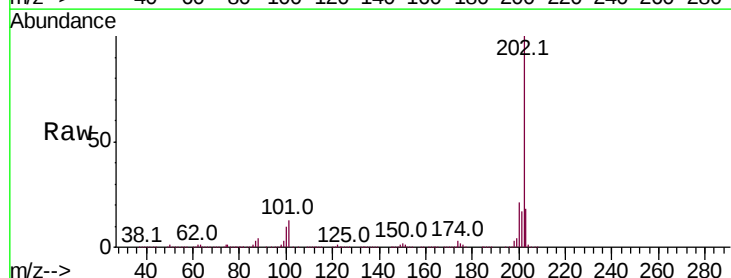
Manual Integrations
APPROVED

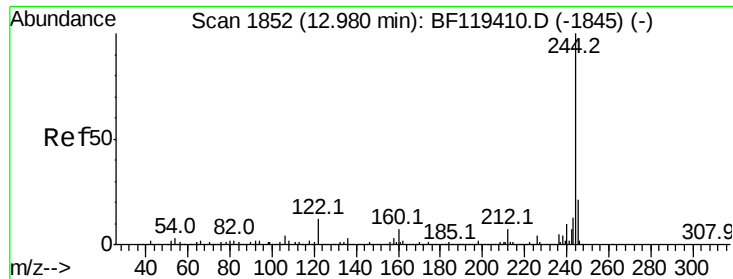
mohammad
3/23/2020 9:40:33 AM



#78
Pyrene
Concen: 40.282 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.8	25.2
203	18.5	14.8	22.2





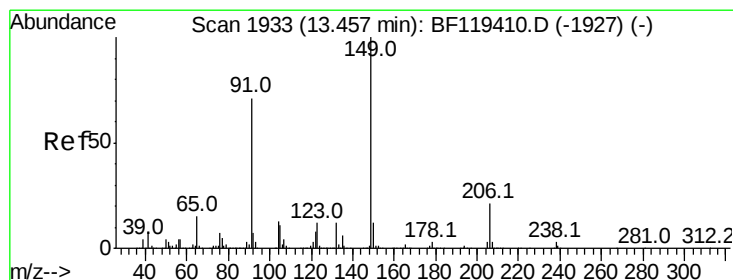
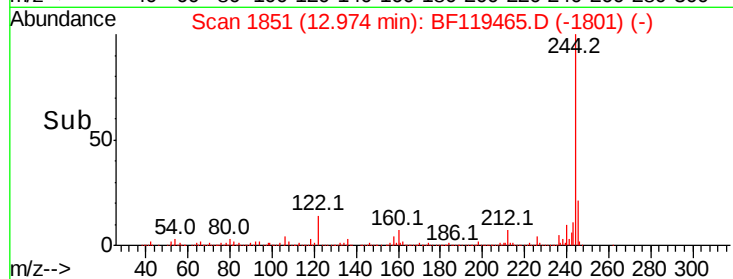
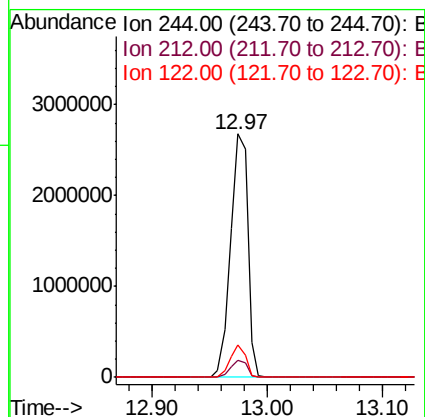
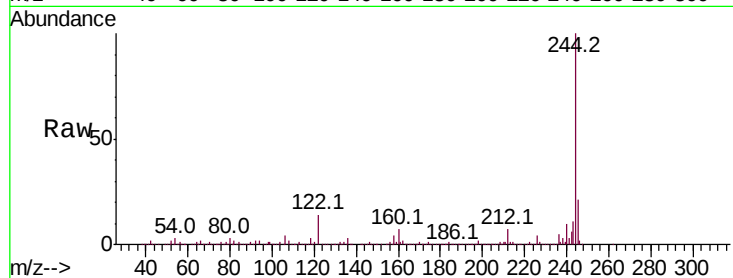
#79
 Terphenyl-d14
 Concen: 82.337 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	13.6	9.8	14.8

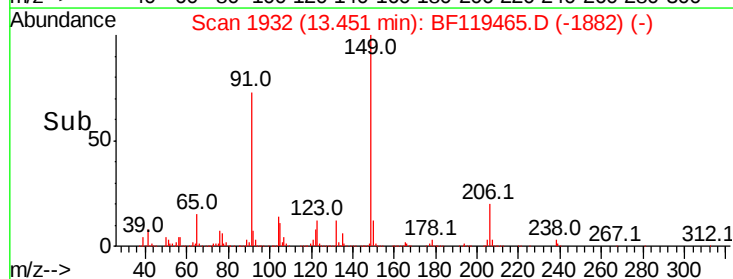
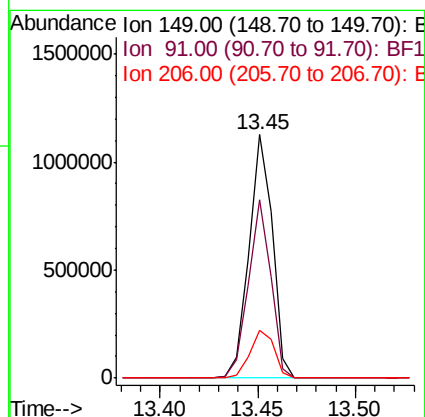
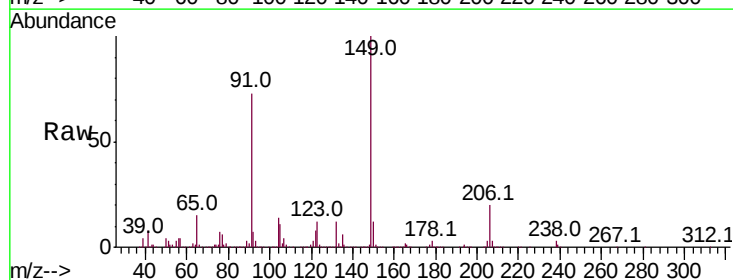
Manual Integrations
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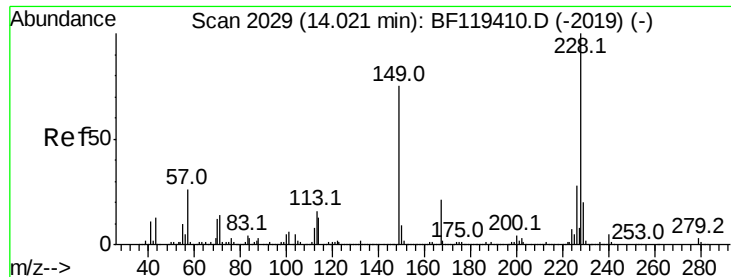
mohammad
 3/23/2020 9:40:33 AM



#80
 Butylbenzylphthalate
 Concen: 42.687 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	57.0	85.6
206	19.6	16.4	24.6





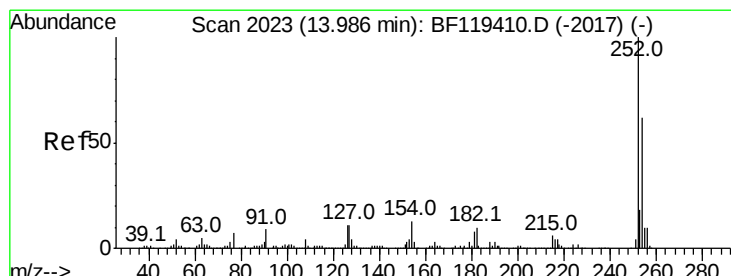
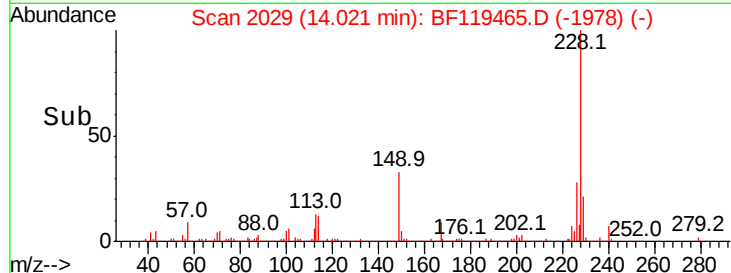
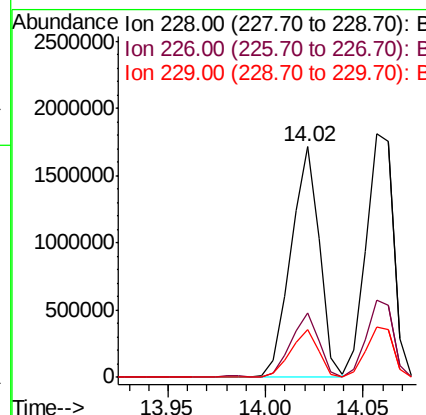
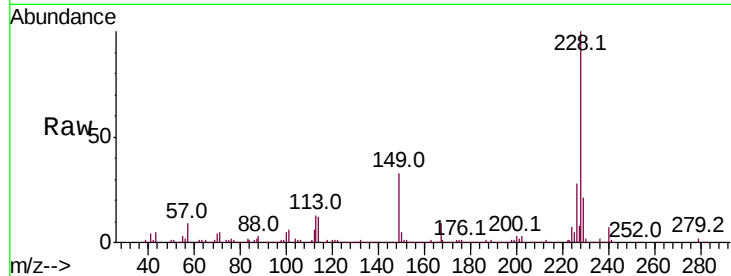
#81
Benzo(a)anthracene
Concen: 40.345 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.7	16.3	24.5

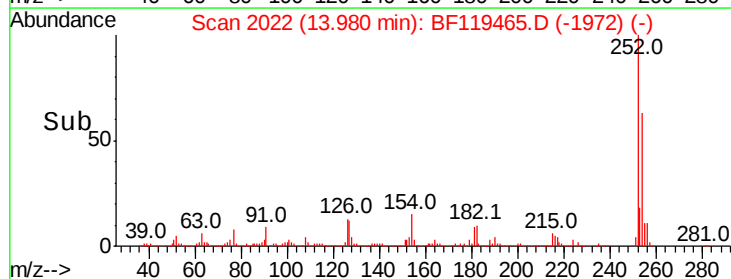
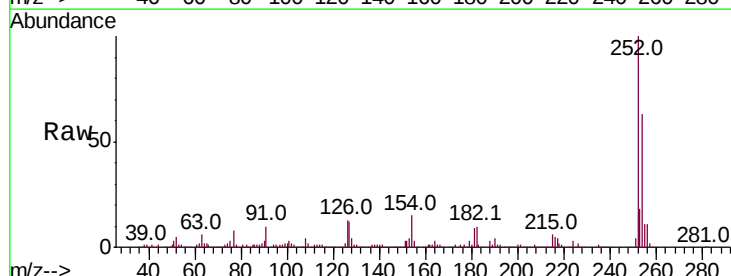
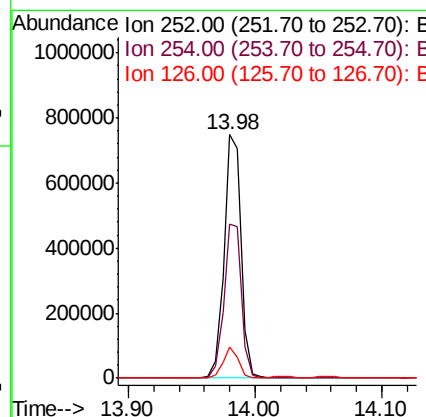
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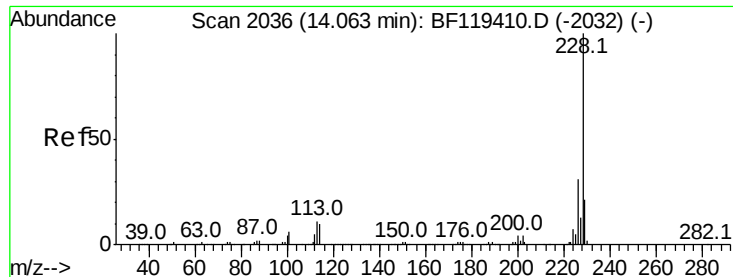
mohammad
3/23/2020 9:40:33 AM



#82
3,3'-Dichlorobenzidine
Concen: 41.766 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	49.8	74.8
126	12.8	8.9	13.3





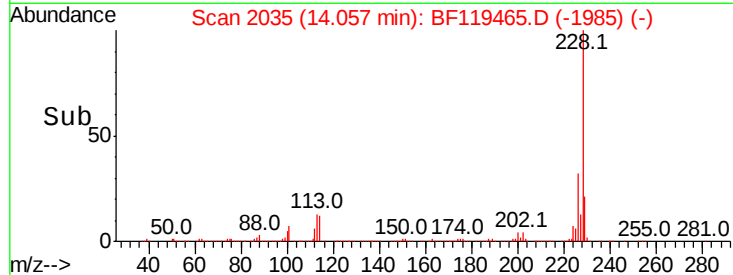
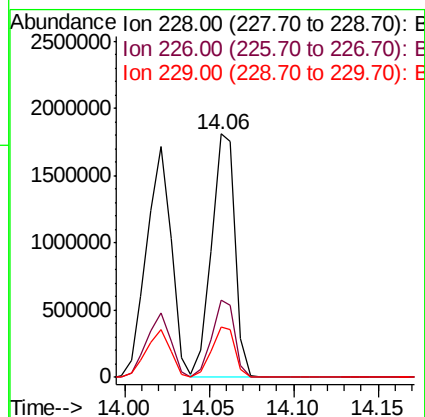
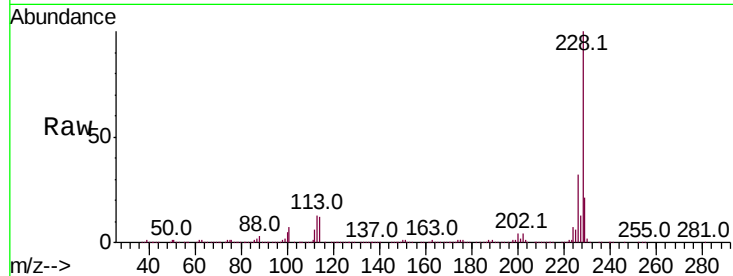
#83
 Chrvsene
 Concen: 40.012 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	20.8	16.6	25.0

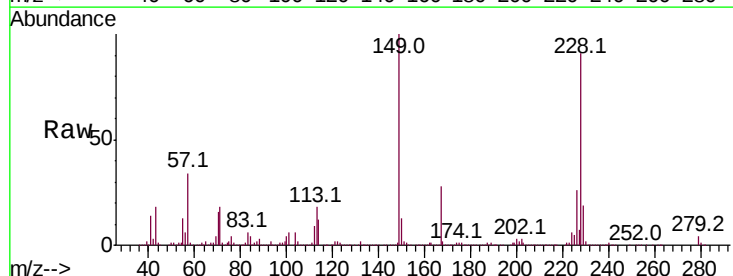
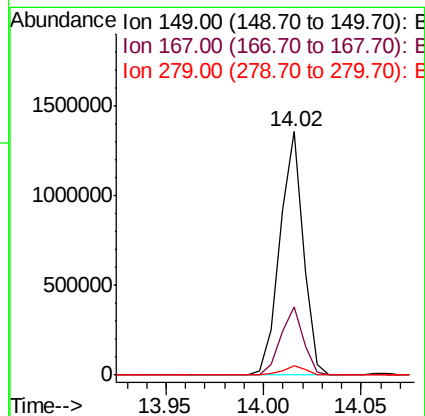
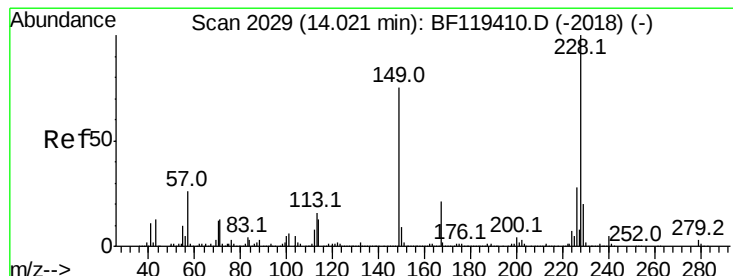
Manual Integrations
 APPROVED

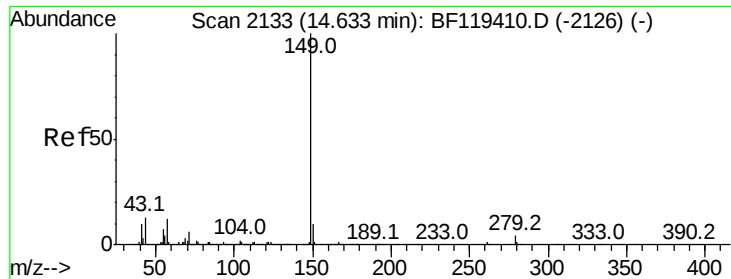
mohammad
 3/23/2020 9:40:33 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.083 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119465.D
 Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.0	33.0
279	3.7	3.2	4.8





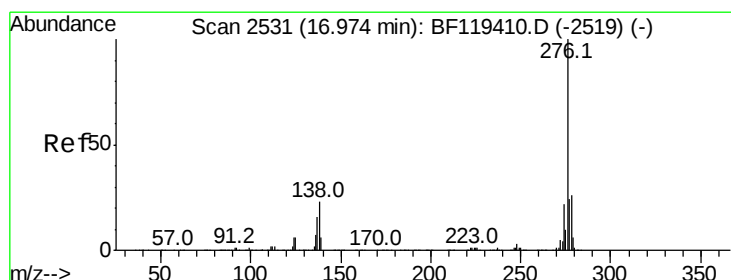
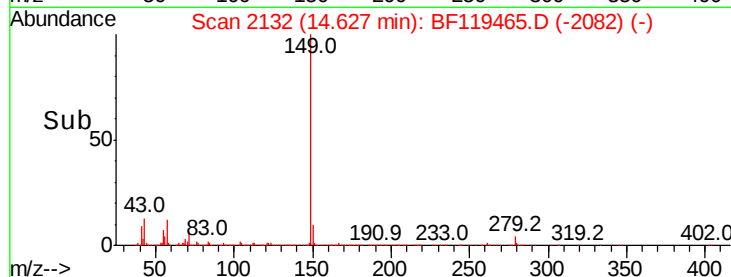
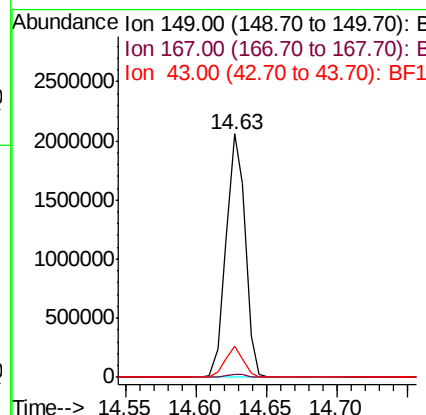
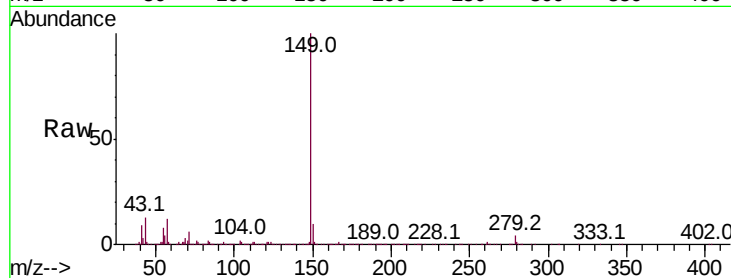
#85
Di-n-octyl phthalate
Concen: 42.204 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	11.8	10.1	15.1

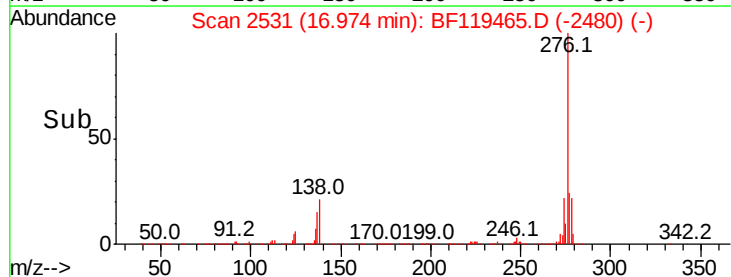
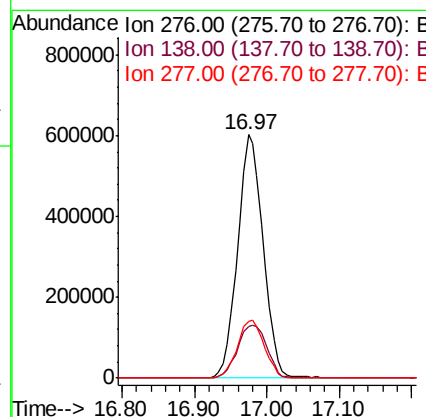
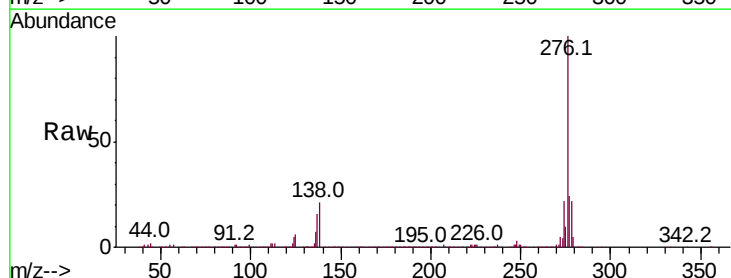
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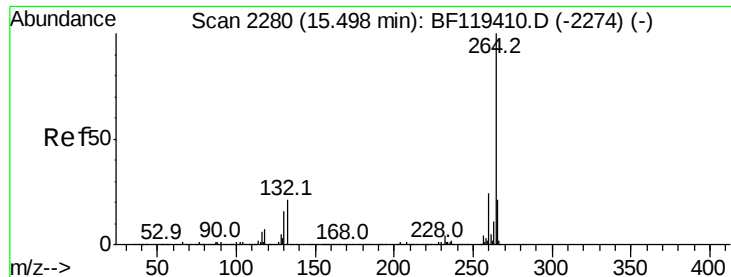
mohammad
3/23/2020 9:40:33 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.284 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.3	31.9
277	25.2	20.2	30.2





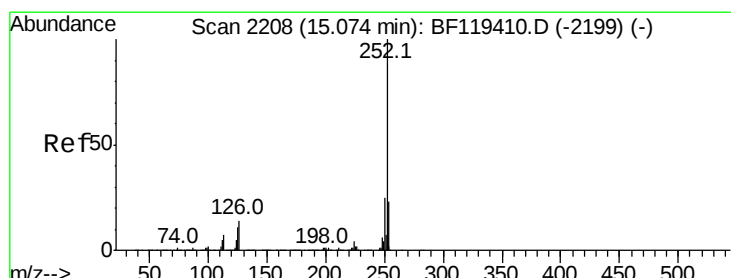
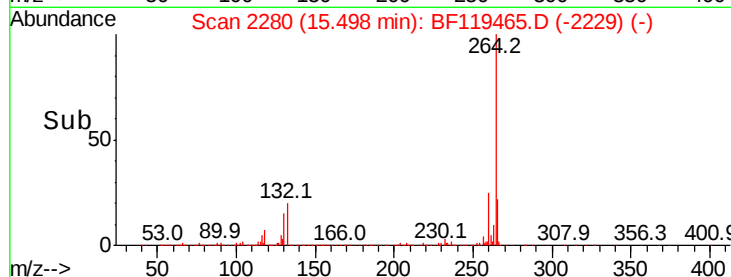
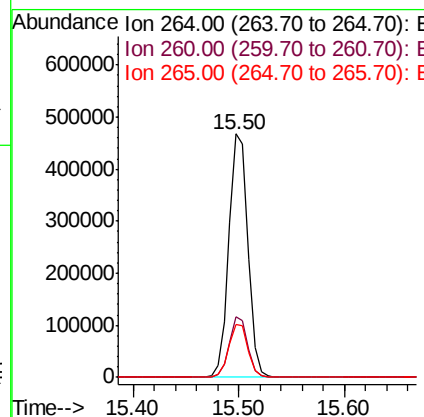
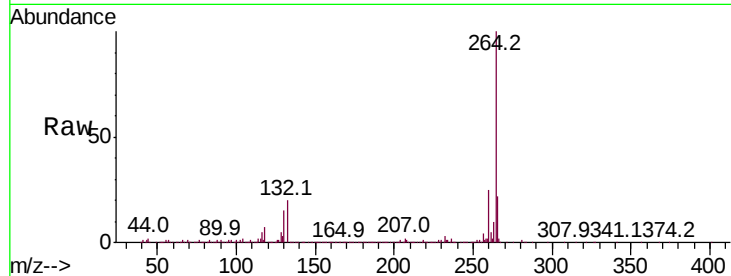
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	16.9	25.3

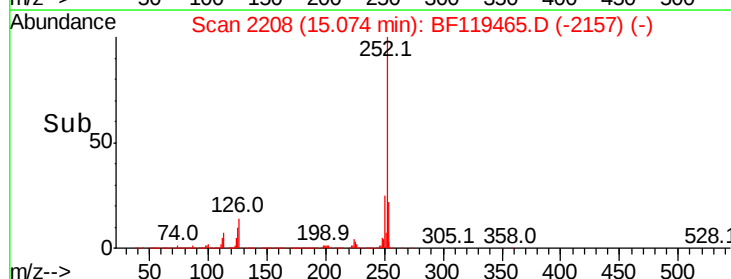
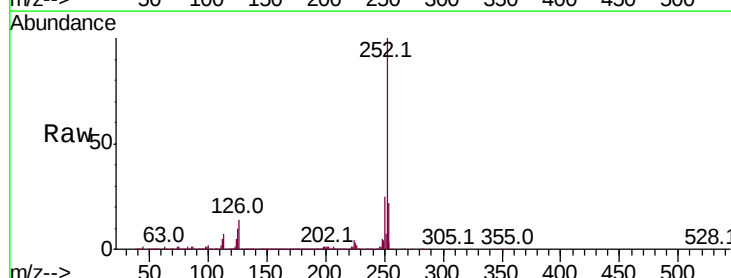
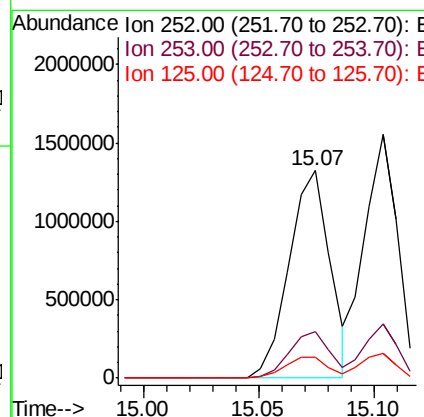
Manual Integrations
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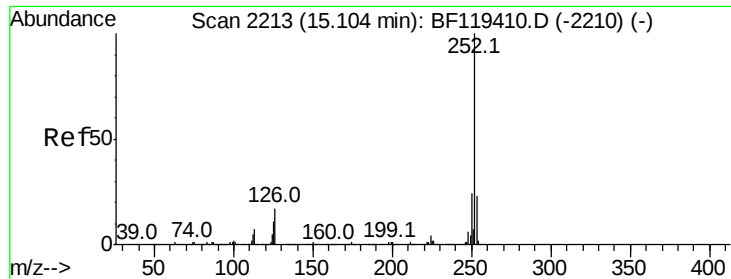
mohammad
3/23/2020 9:40:33 AM



#88
Benzo(b)fluoranthene
Concen: 41.576 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	8.8	13.2





#89

Benzo(k)fluoranthene

Concen: 42.035 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Instrument :
BNA_F

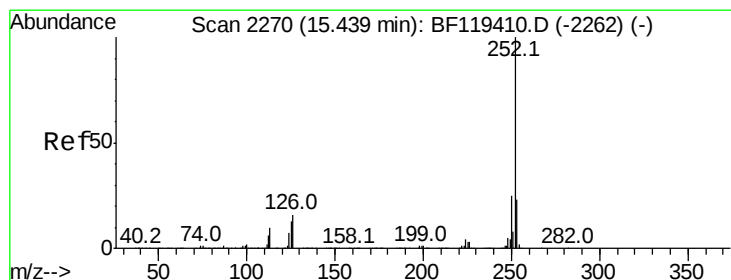
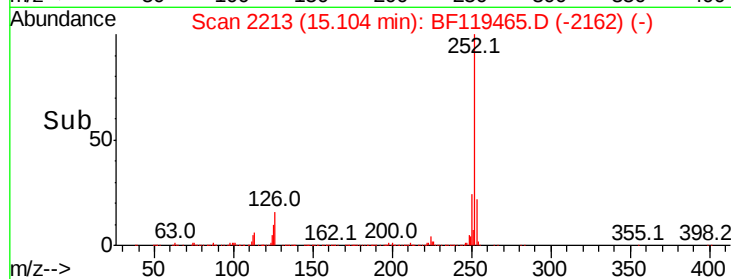
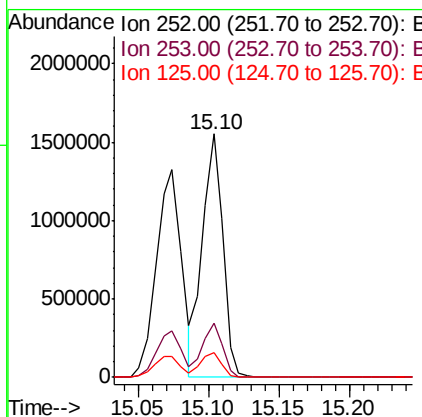
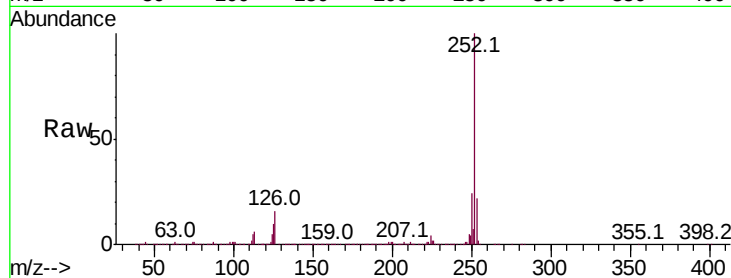
ClientSampleId :
SSTDCCC040

Tot Ion:252 Resp: 1561543

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.3	9.0	13.4

Manual Integrations
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mohammad
3/23/2020 9:40:33 AM



#90

Benzo(a)pyrene

Concen: 41.370 ng

RT: 15.44 min Scan# 2270

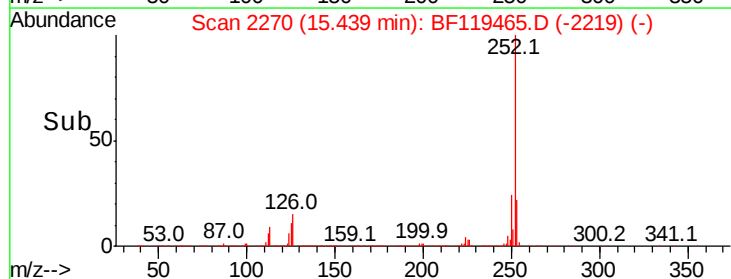
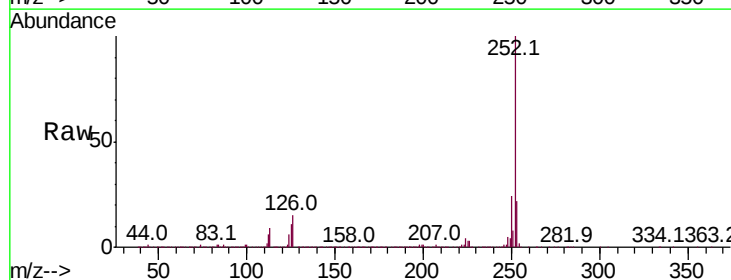
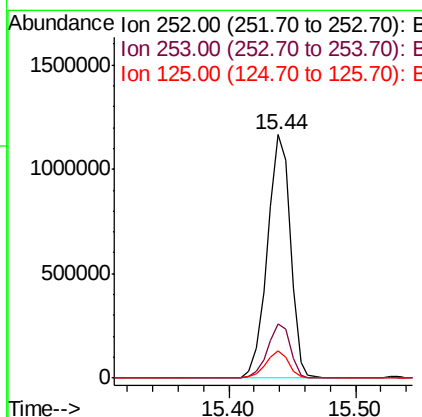
Delta R.T. 0.00 min

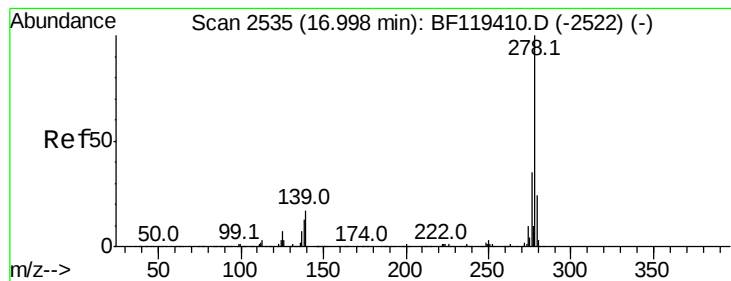
Lab File: BF119465.D

Acq: 20 Mar 2020 9:46

Tgt Ion:252 Resp: 1466744

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.4	10.2	15.2





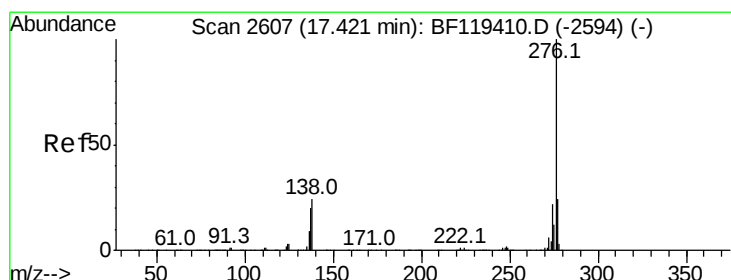
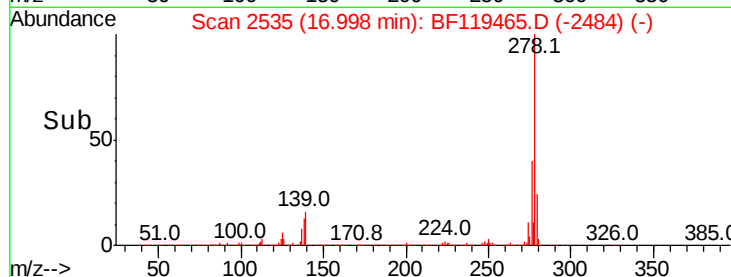
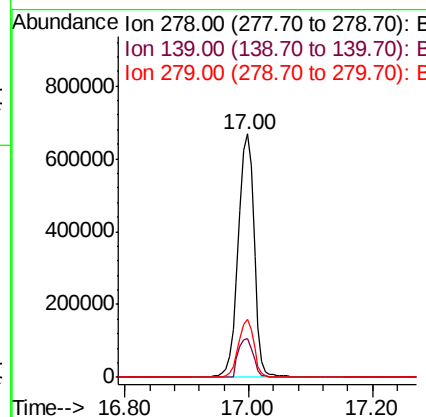
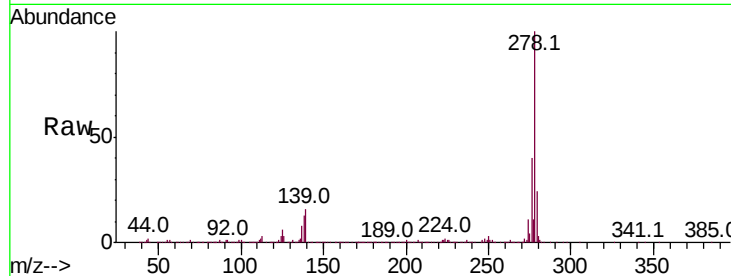
#91
Dibenzo(a,h)anthracene
Concen: 38.795 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1203053
Ion Ratio Lower Upper
278 100
139 16.1 13.7 20.5
279 24.1 19.2 28.8

Manual Integrations
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mohammad
3/23/2020 9:40:33 AM



#92
Benzo(g,h,i)perylene
Concen: 38.656 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BF119465.D
Acq: 20 Mar 2020 9:46

Tgt Ion:276 Resp: 1204312
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.0 19.1 28.7

