

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
 Data File : BF120583.D
 Acq On : 9 Jun 2020 16:56
 Operator : JU/CG
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Manual Integrations
 APPROVED

mohammad
 6/10/2020 11:51:02 AM

Quant Time: Jun 09 18:10:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 14:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	197967	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	718194	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	353399	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	766112	20.00	ng	0.00
76) Chrysene-d12	13.97	240	565855	20.00	ng	0.01
86) Perylene-d12	15.41	264	563676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1624927	156.43	ng	0.00
7) Phenol-d6	6.46	99	1979515	154.60	ng	0.02
23) Nitrobenzene-d5	7.38	82	1978335	180.19	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	647022	197.60	ng	0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	454888	88.401	ng	99
3) Pyridine	3.25	79	1210051	84.908	ng	100
4) n-Nitrosodimethylamine	3.22	42	523992	86.883	ng	98
6) Aniline	6.47	93	1365775	76.502	ng	# 9
8) 2-Chlorophenol	6.60	128	931668	79.541	ng	99
9) Benzaldehyde	6.36	77	414011	53.054	ng	98
10) Phenol	6.47	94	1126990	80.490	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	964113	82.400	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1021118	79.352	ng	98
13) 1,4-Dichlorobenzene	6.83	146	1050026	81.785	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1421289	77.053	ng	97
17) 2-Methylphenol	7.07	107	887631	84.747	ng	# 92
18) Hexachloroethane	7.32	117	397999	84.687	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	663518	81.523	ng	98
22) Acetophenone	7.23	105	1167596	80.048	ng	# 94
24) Nitrobenzene	7.40	77	1014022	85.737	ng	97
25) Isophorone	7.64	82	1985674	89.984	ng	100
26) 2-Nitrophenol	7.71	139	565771	106.099	ng	93
27) 2,4-Dimethylphenol	7.75	122	790500	85.363	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	1132322	85.207	ng	99
29) 2,4-Dichlorophenol	7.96	162	823800	88.073	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	894086	85.177	ng	99
31) Naphthalene	8.12	128	2447883	77.608	ng	98
32) Benzoic acid	7.92	122	755207	109.896	ng	96
33) 4-Chloroaniline	8.17	127	1326649	94.902	ng	99
34) Hexachlorobutadiene	8.23	225	516382	82.994	ng	98
35) Caprolactam	8.57	113	321498m	106.132	ng	
36) 4-Chloro-3-methylphenol	8.66	107	839804	88.496	ng	100
37) 2-Methylnaphthalene	8.80	142	1660050	79.458	ng	97
38) 1-Methylnaphthalene	8.90	142	1408151	71.406	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	737845	81.415	ng	98
41) Hexachlorocyclopentadiene	8.95	237	478034	94.511	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	608502	92.838	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	673762	90.684	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.27	154	2045673	88.117	nq	97
47) 2-Chloronaphthalene	9.30	162	1730002	90.497	nq	99
48) 2-Nitroaniline	9.39	65	590652	101.441	nq	99
49) Acenaphthylene	9.71	152	2564015	86.795	nq	98
50) Dimethylphthalate	9.58	163	2195418	99.369	nq	99
51) 2,6-Dinitrotoluene	9.64	165	477096	97.170	nq	95
52) Acenaphthene	9.88	154	1404470	76.177	nq	99
53) 3-Nitroaniline	9.81	138	598431	103.793	nq	99
54) 2,4-Dinitrophenol	9.92	184	303663	182.447	nq	91
55) Dibenzofuran	10.06	168	2128764	79.453	nq	100
56) 4-Nitrophenol	9.97	139	410421	92.979	nq	88
57) 2,4-Dinitrotoluene	10.05	165	576229	91.700	nq	# 87
58) Fluorene	10.40	166	1627682	80.955	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	531083	91.731	nq	99
60) Diethylphthalate	10.27	149	2093583	93.772	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	814730	74.742	nq	95
62) 4-Nitroaniline	10.43	138	637546	117.129	nq	99
63) Azobenzene	10.55	77	1935683	92.174	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	416987	149.225	nq	87
66) n-Nitrosodiphenylamine	10.51	169	1756781	82.551	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	649366	83.970	nq	96
68) Hexachlorobenzene	10.95	284	682297	82.848	nq	96
70) Pentachlorophenol	11.13	266	417408	82.897	nq	98
71) Phenanthrene	11.36	178	2601703	77.071	nq	98
72) Anthracene	11.41	178	2593262	76.565	nq	98
73) Carbazole	11.56	167	2403875	73.379	nq	98
77) Benzidine	12.66	184	904461	60.834	nq	# 95
78) Pvrene	12.77	202	2952475	75.027	nq	98
80) Butylbenzylphthalate	13.39	149	1396485	85.004	nq	98
81) Benzo(a)anthracene	13.96	228	2511046	82.800	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	871802	79.182	nq	98
83) Chrysene	14.00	228	2541456	79.936	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1569807	81.401	nq	100
85) Di-n-octyl phthalate	14.56	149	2785888	83.487	nq	98
87) Indeno(1,2,3-cd)pvrene	16.84	276	2434040	78.951	nq	# 76
88) Benzo(b)fluoranthene	15.00	252	2754753	87.988	nq	98
89) Benzo(k)fluoranthene	15.03	252	2179878	74.582	nq	98
90) Benzo(a)pyrene	15.36	252	2315300	84.545	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	1940100	77.187	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1941715	78.325	nq	99

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

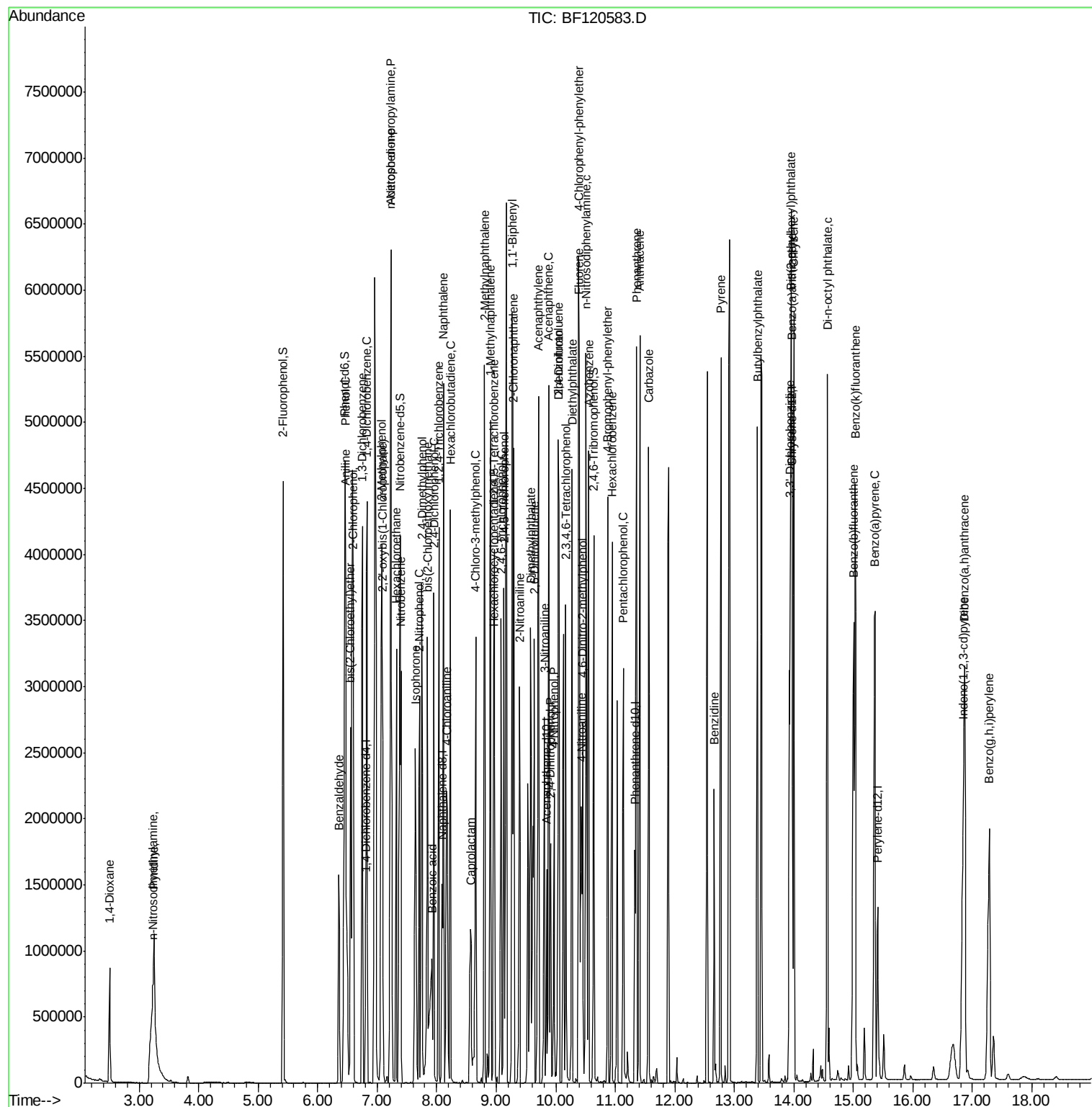
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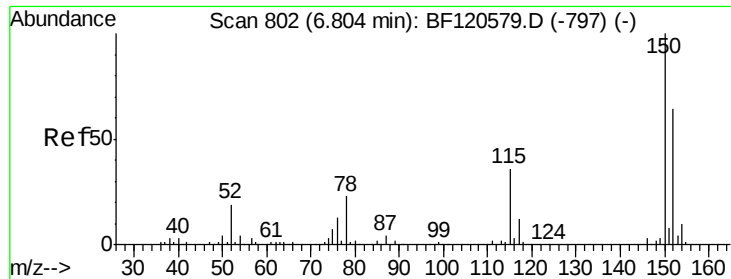
Instrument :
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#1

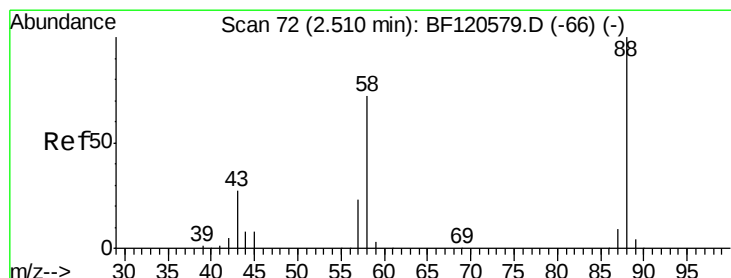
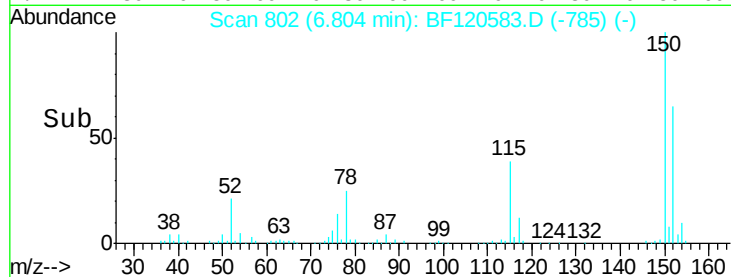
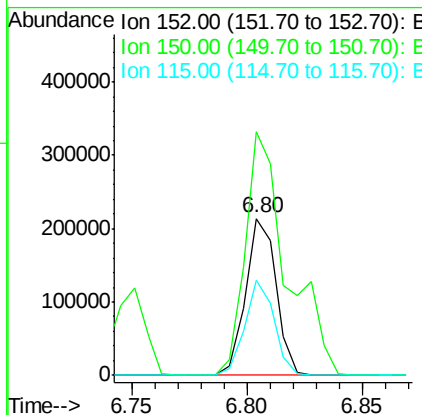
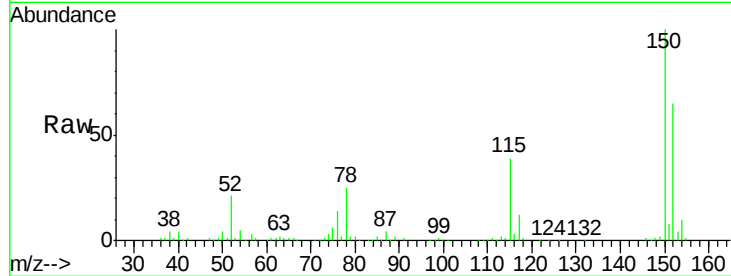
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.4	188.0
115	60.3	45.5	68.3

Manual Integrations
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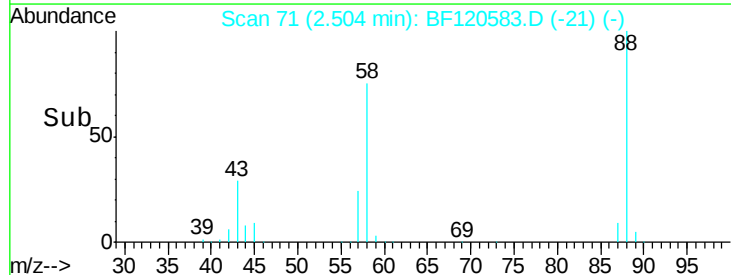
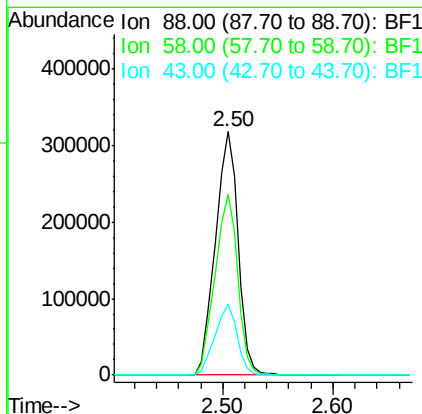
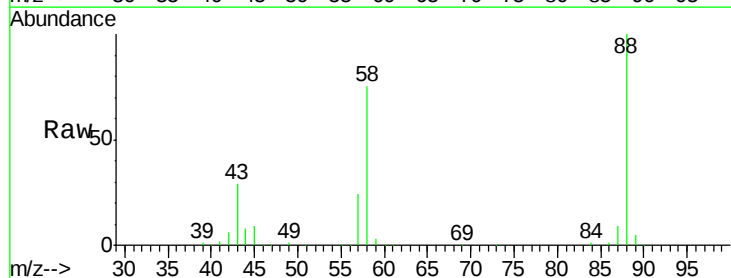
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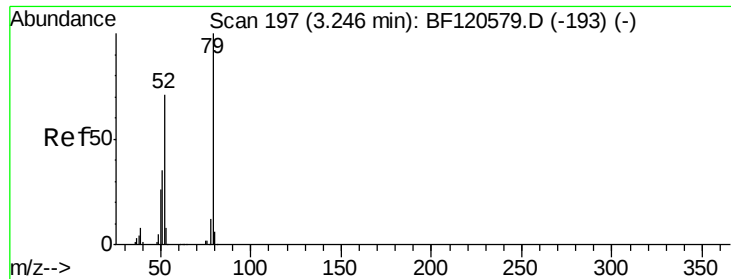


#2

1,4-Dioxane
Concen: 88.401 ng
RT: 2.50 min Scan# 71
Delta R.T. -0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	58.2	87.2
43	28.4	22.2	33.2





#3

Pvridine

Concen: 84.908 ng

RT: 3.25 min Scan# 198

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion: 79 Resp: 1210051

Ion Ratio Lower Upper

79 100

52 71.6 57.2 85.8

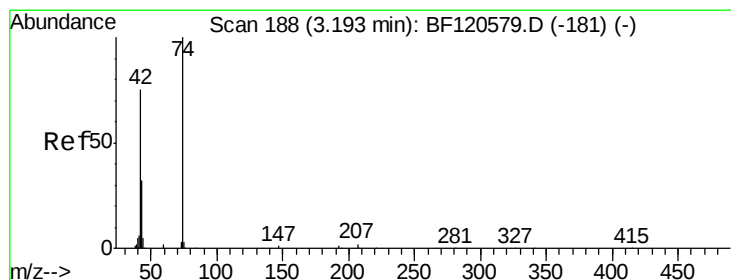
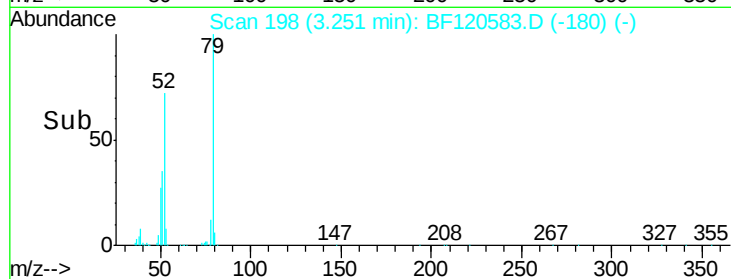
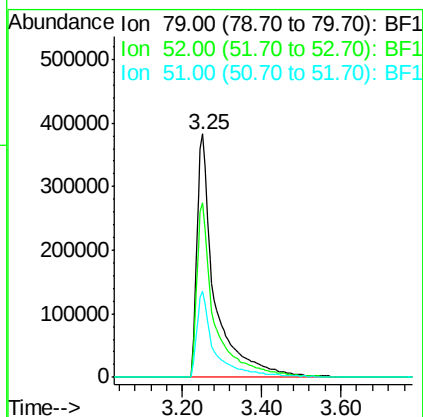
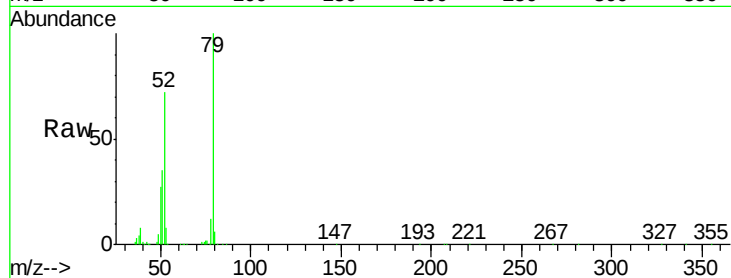
51 35.5 28.2 42.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 86.883 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.03 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

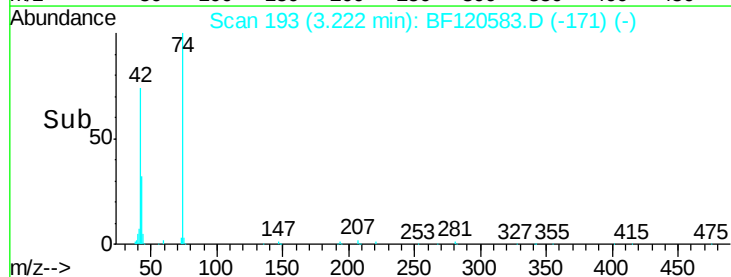
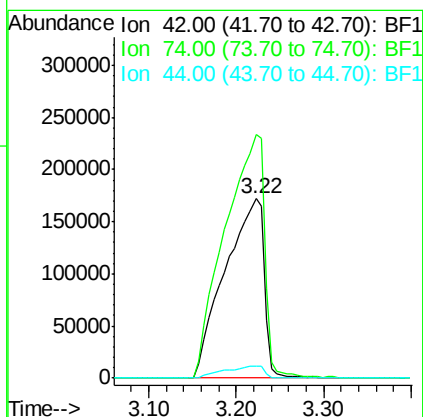
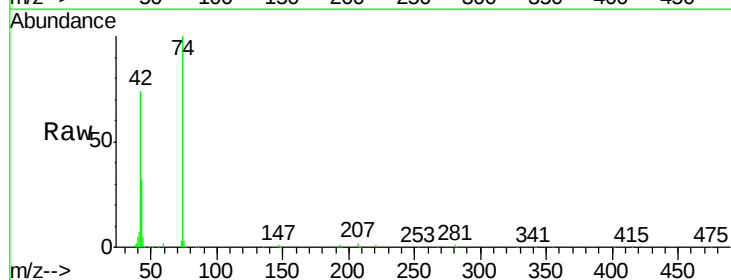
Tgt Ion: 42 Resp: 523992

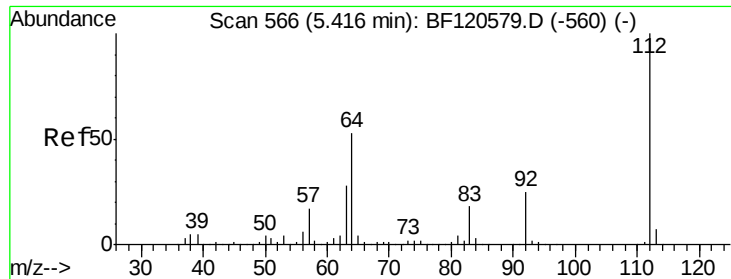
Ion Ratio Lower Upper

42 100

74 135.8 106.9 160.3

44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 156.425 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion:112 Resp: 1624927

Ion Ratio Lower Upper

112 100

64 58.2 42.7 64.1

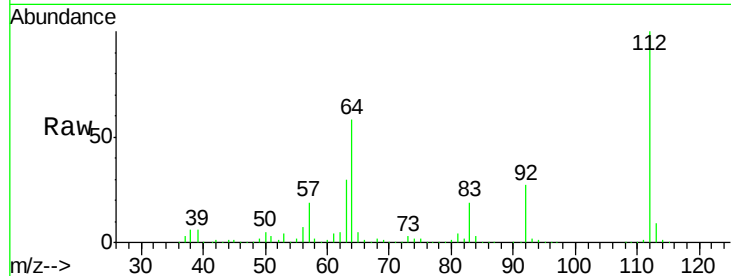
63 30.2 22.3 33.5

Manual Integrations

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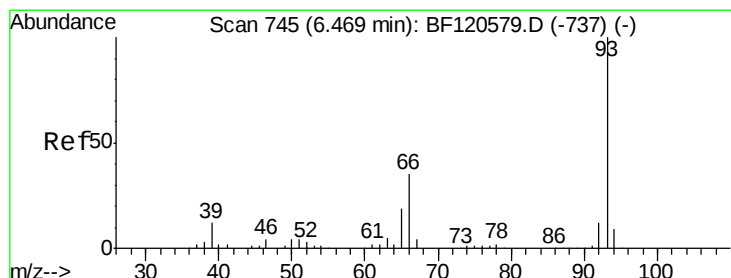
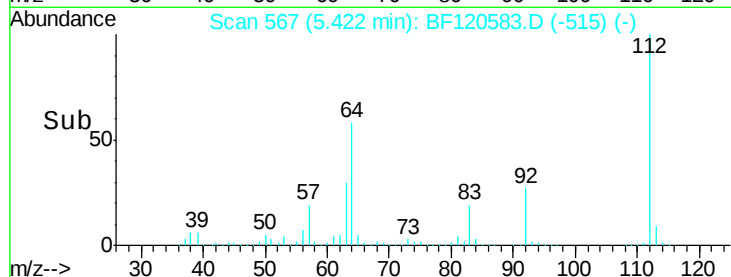
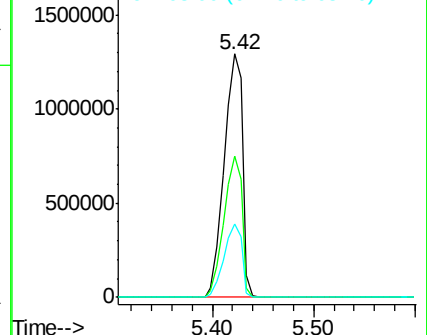
6/10/2020 11:51:02 AM



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: 76.502 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

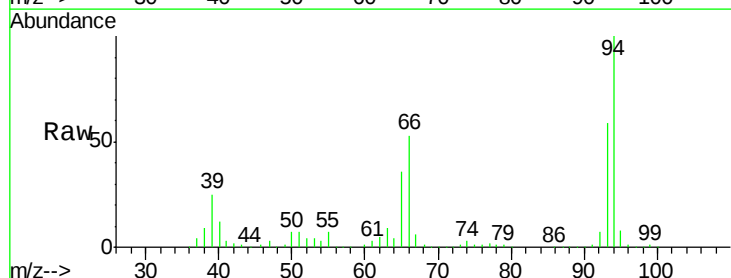
Tgt Ion: 93 Resp: 1365775

Ion Ratio Lower Upper

93 100

66 89.9 29.1 43.7#

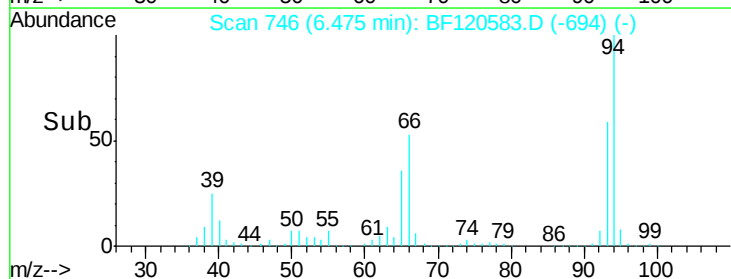
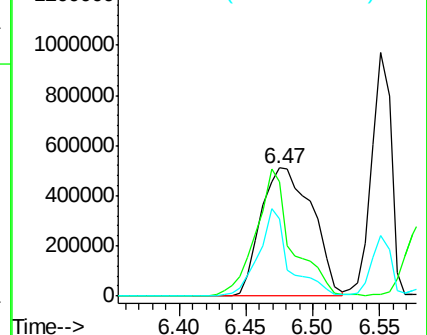
65 60.0 15.2 22.8#

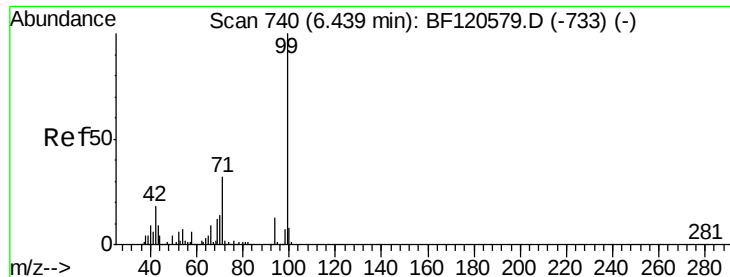


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 154.603 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDIC100

Tot Ion: 99 Resp: 1979515

Ion Ratio Lower Upper

99 100

42 19.4 14.6 22.0

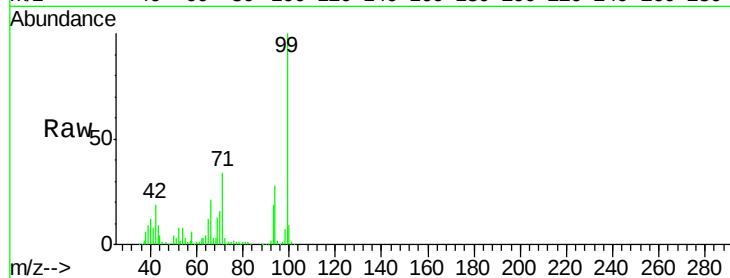
71 34.3 25.4 38.0

Manual Integrations

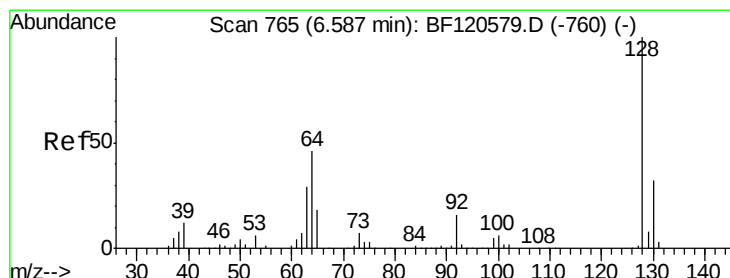
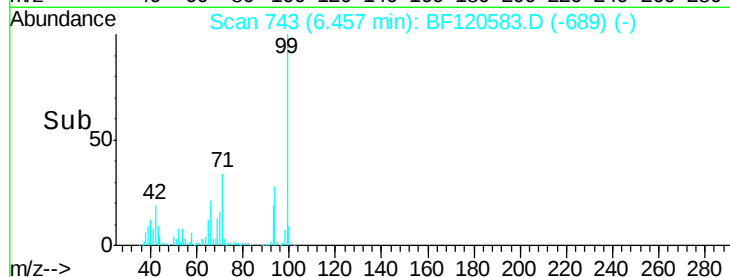
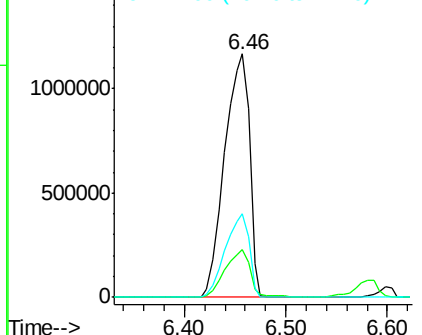
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 79.541 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

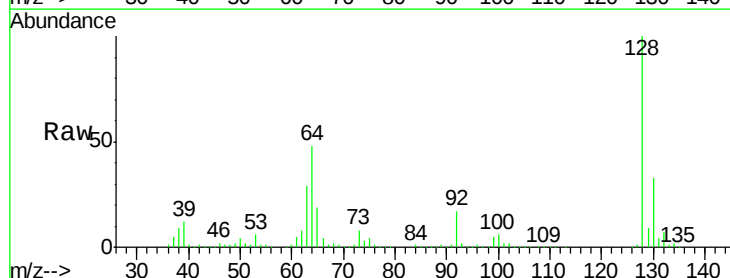
Tgt Ion: 128 Resp: 931668

Ion Ratio Lower Upper

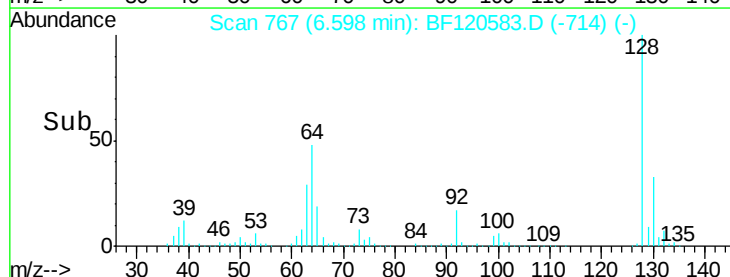
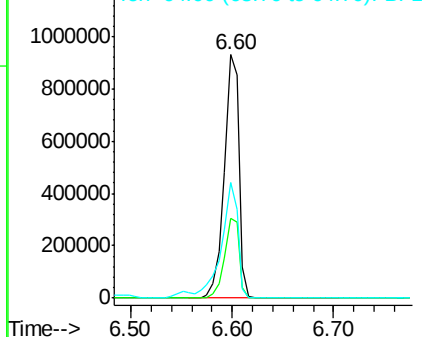
128 100

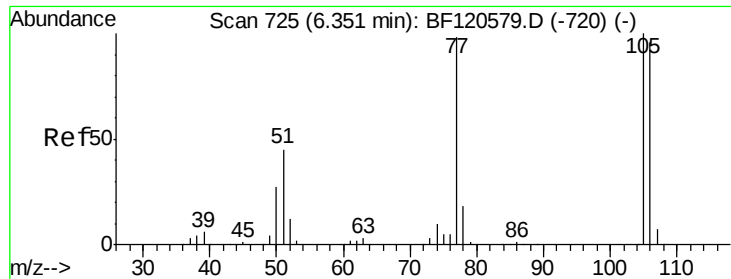
130 32.7 12.4 52.4

64 47.6 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





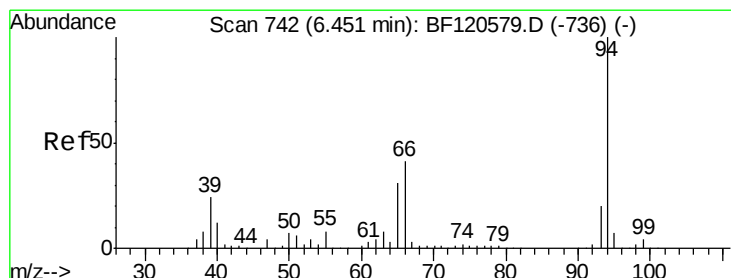
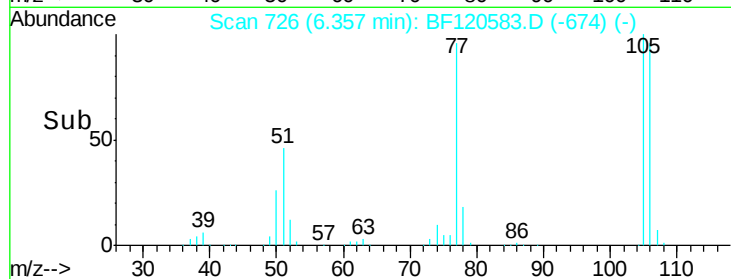
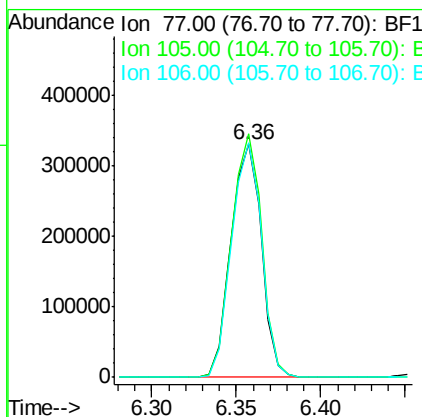
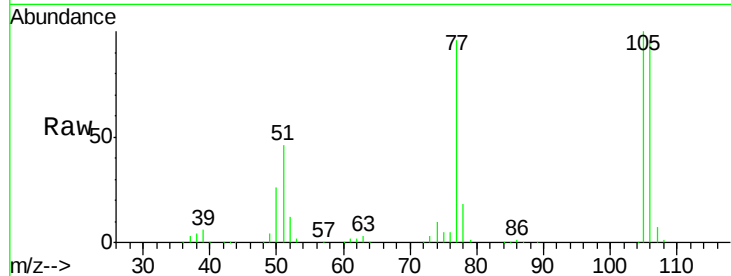
#9
Benzaldehyde
Concen: 53.054 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.5	82.2	122.2
106	100.7	78.5	118.5

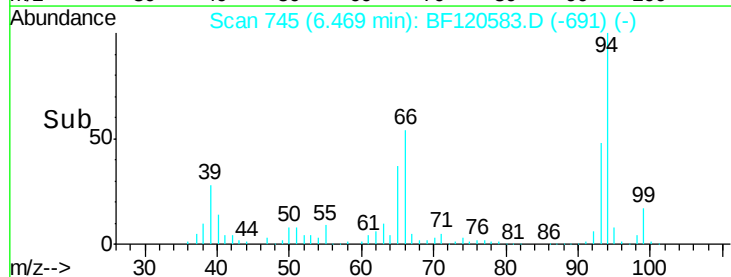
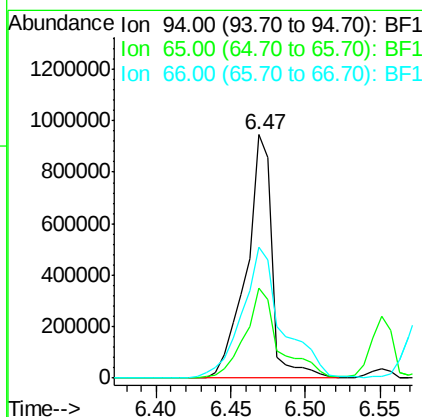
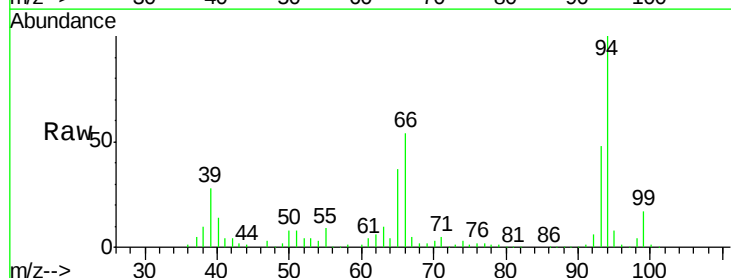
Manual Integrations
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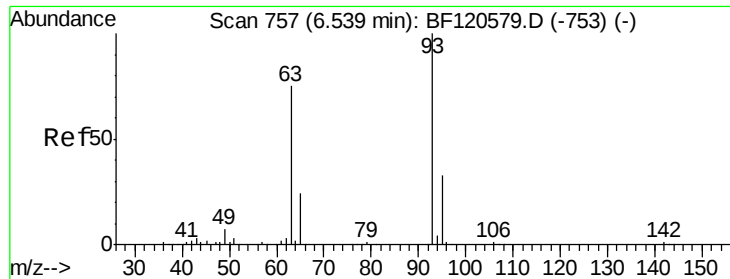
mohammad
6/10/2020 11:51:02 AM



#10
Phenol
Concen: 80.490 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.8	11.1	51.1
66	53.5	21.0	61.0





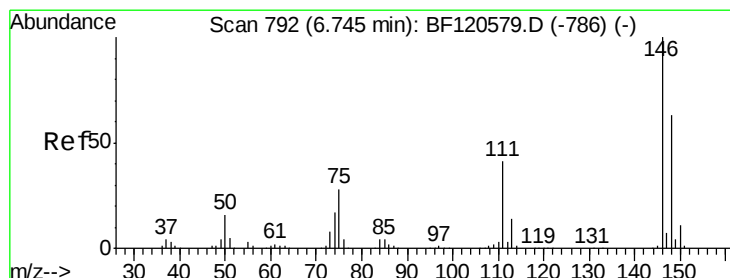
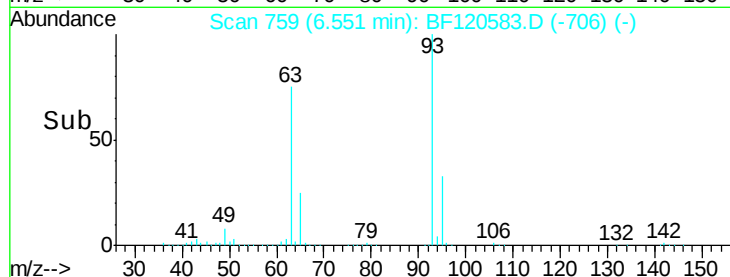
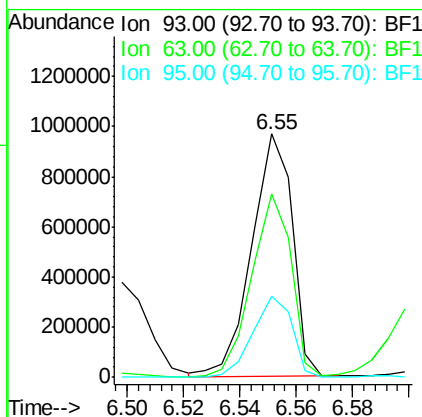
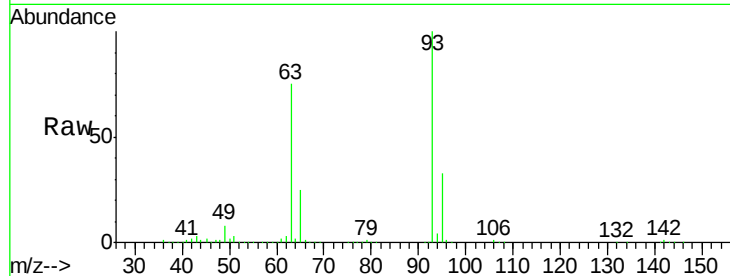
#11
bis(2-Chloroethyl)ether
Concen: 82.400 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	93	Resp	964113
Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.6	94.6
95	33.0	12.8	52.8

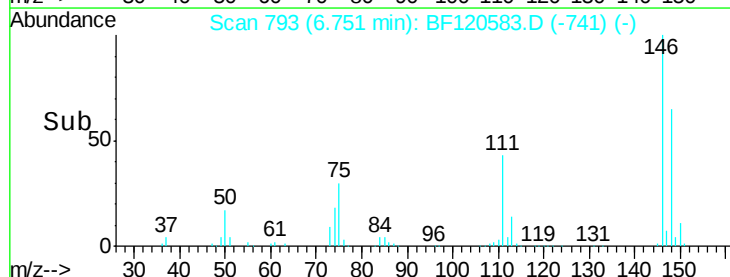
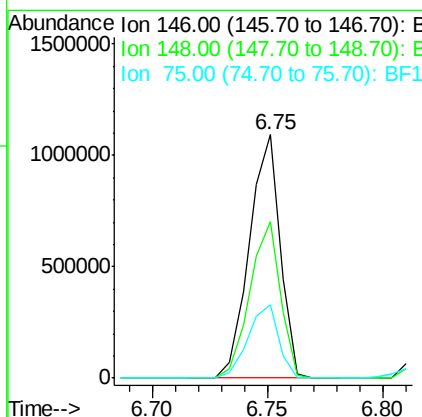
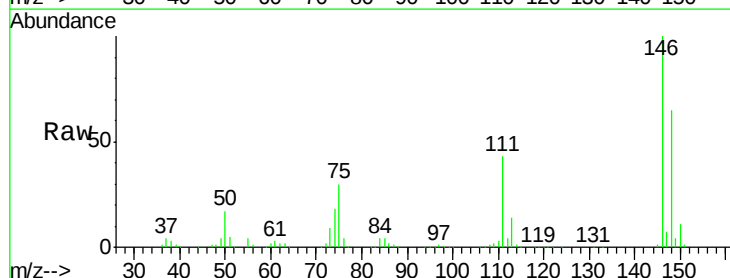
Manual Integrations
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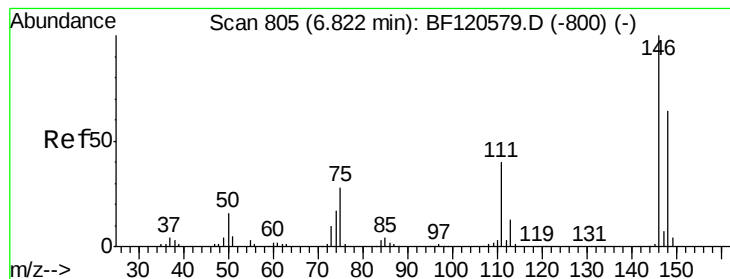
mohammad
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#12
1,3-Dichlorobenzene
Concen: 79.352 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	146	Resp	1021118
Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	30.0	22.6	33.8





#13

1,4-Dichlorobenzene

Concen: 81.785 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:146 Resp: 1050026

Ion Ratio Lower Upper

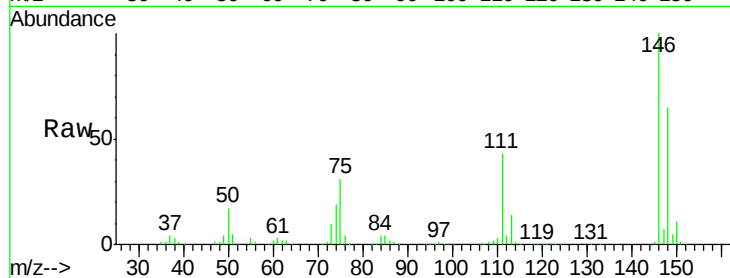
146 100

148 65.3 50.9 76.3

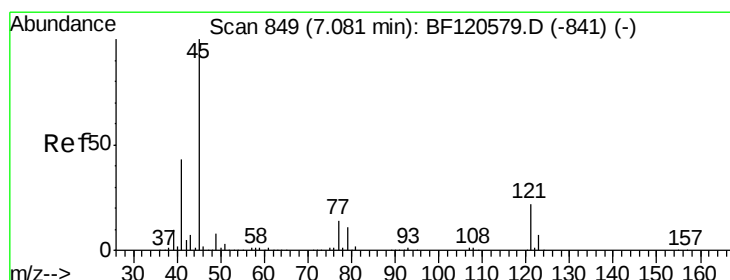
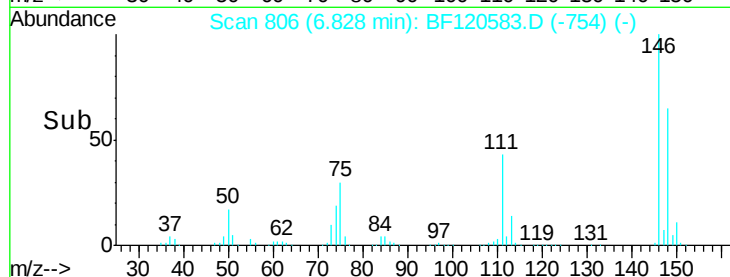
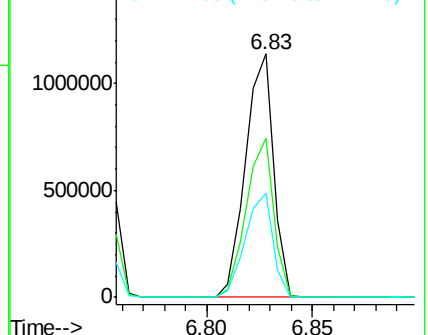
111 42.6 32.5 48.7

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-chloropropane)

Concen: 77.053 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

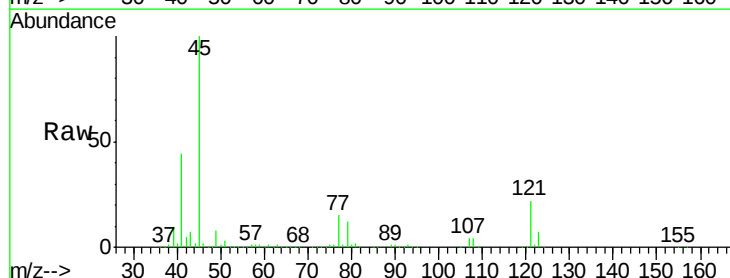
Tgt Ion: 45 Resp: 1421289

Ion Ratio Lower Upper

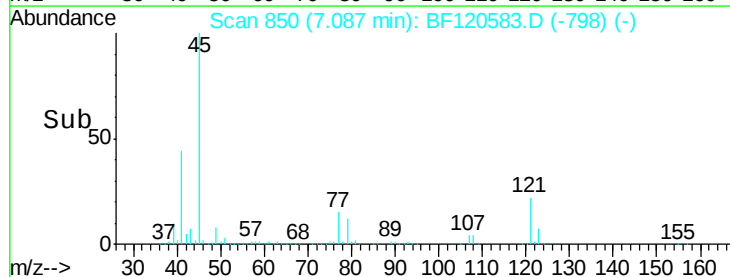
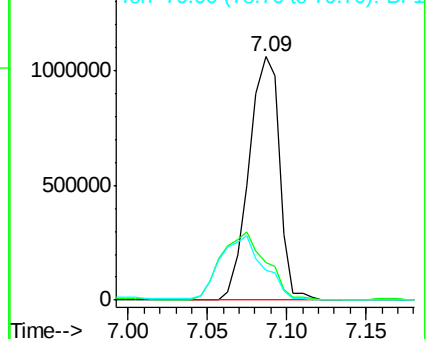
45 100

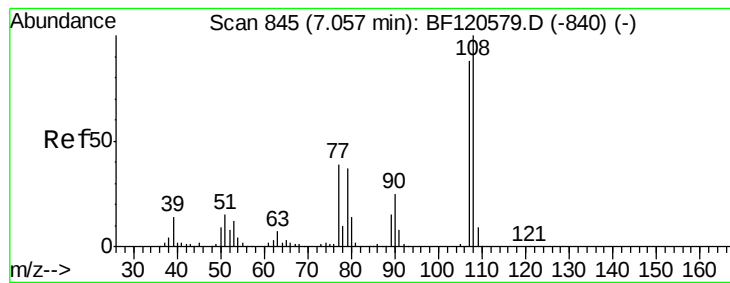
77 15.3 0.0 33.9

79 12.1 0.0 31.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





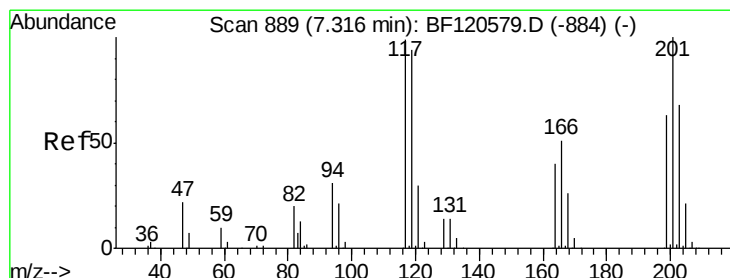
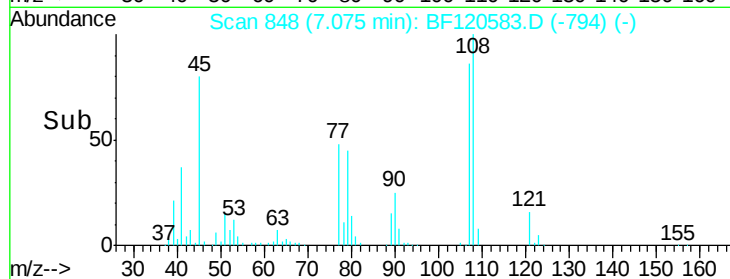
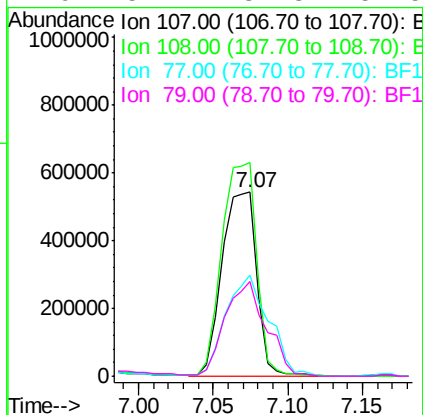
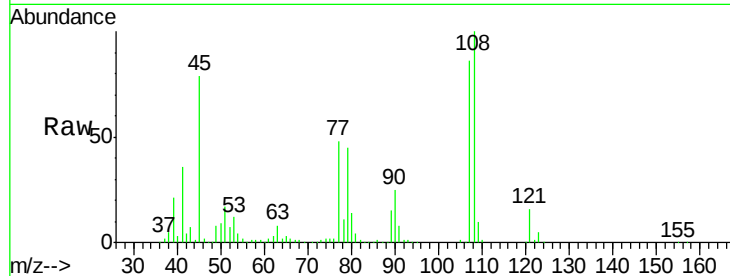
#17
2-Methylphenol
Concen: 84.747 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	91.0	136.6
77	55.1	35.8	53.6#
79	51.7	34.3	51.5#

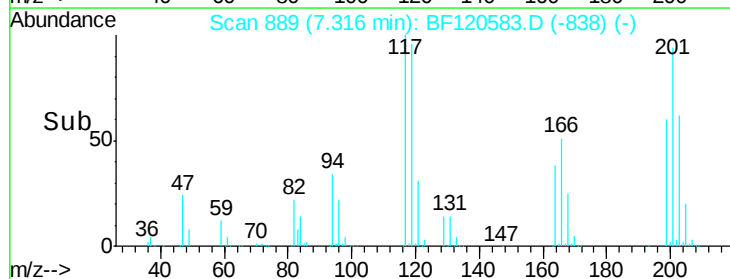
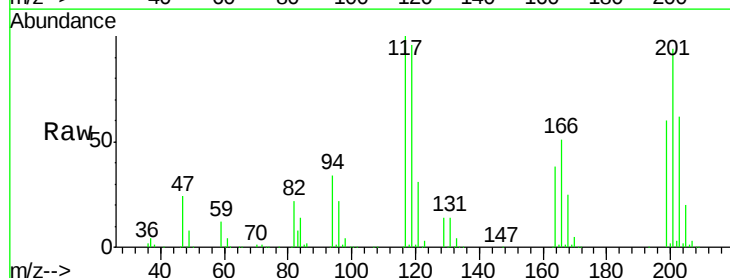
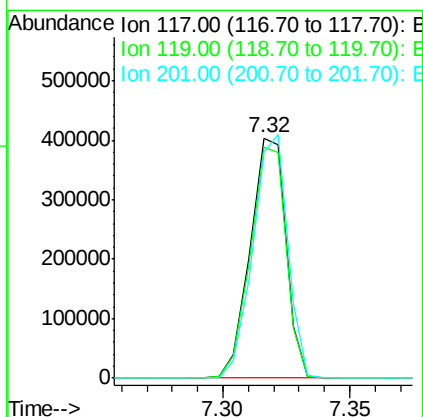
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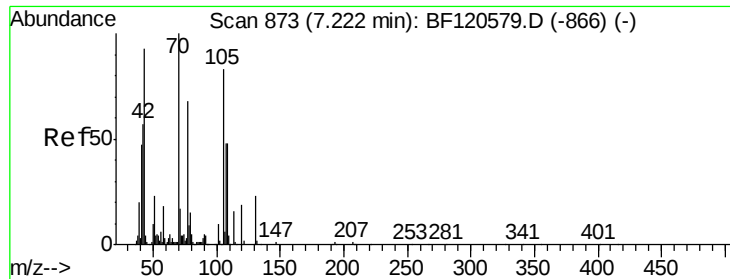
mohammad
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#18
Hexachloroethane
Concen: 84.687 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	94.1	80.6	120.8





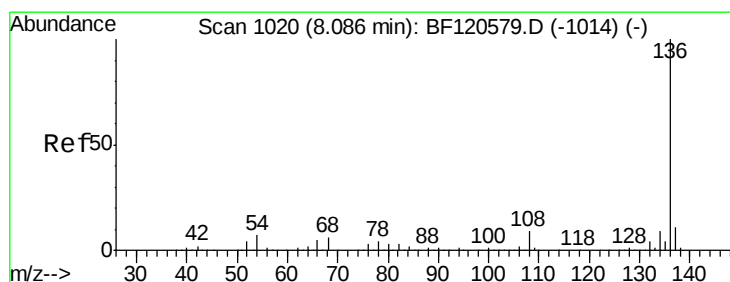
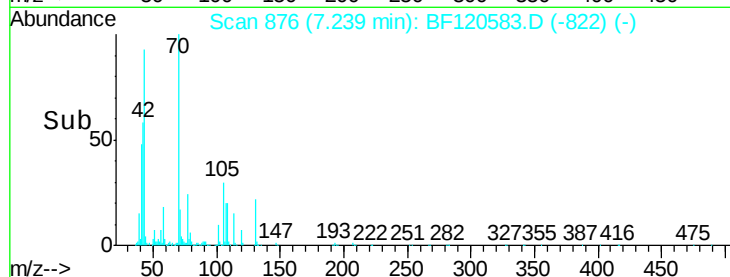
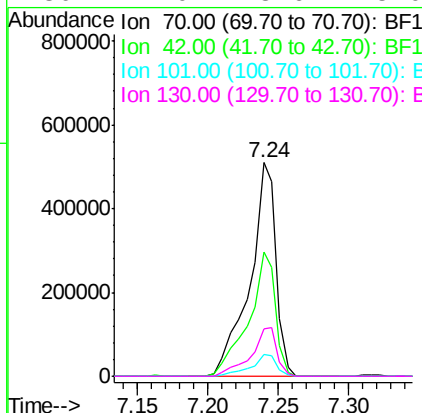
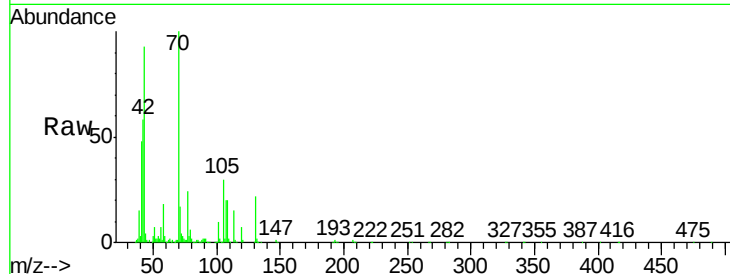
#19
n-Nitroso-di-n-propylamine
Concen: 81.523 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.1	45.8	68.6
101	9.9	7.8	11.6
130	22.0	18.6	28.0

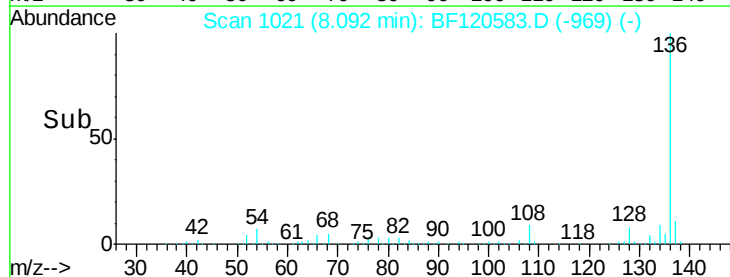
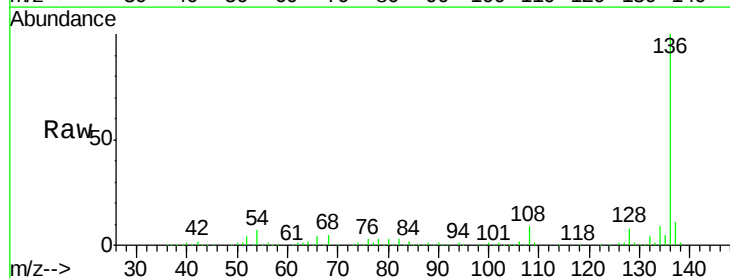
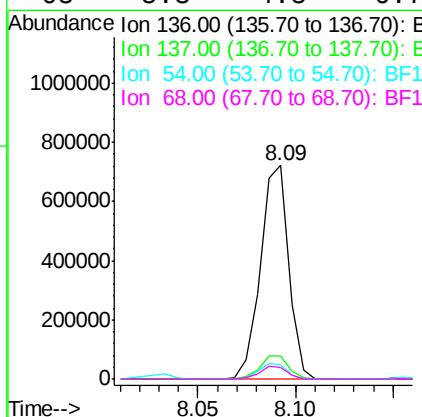
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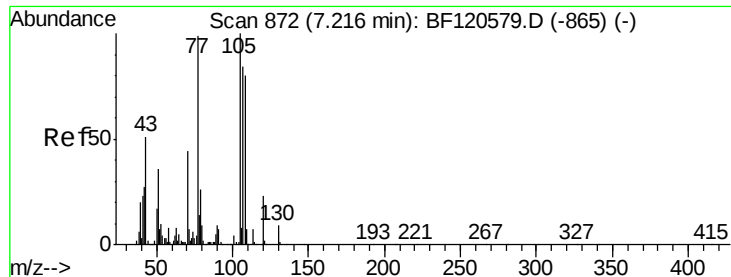
mohammad
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.7	5.8	8.6
68	5.3	4.5	6.7





#22

Acetophenone

Concen: 80.048 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:105 Resp: 1167596

Ion Ratio Lower Upper

105 100

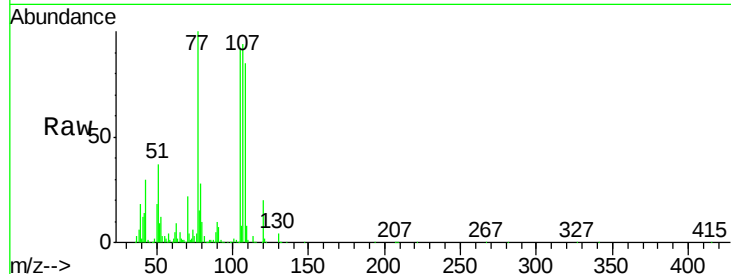
71 4.0 5.8 8.8#

51 40.6 28.7 43.1

120 22.0 18.2 27.2

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Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

1200000

1000000

800000

600000

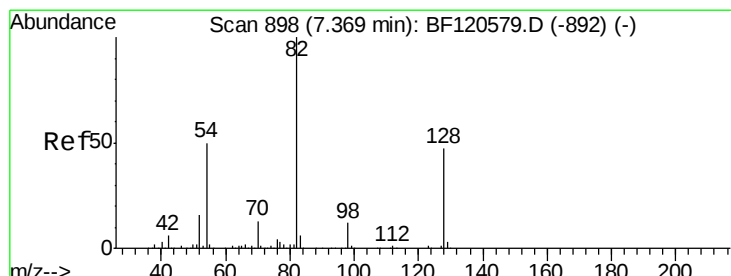
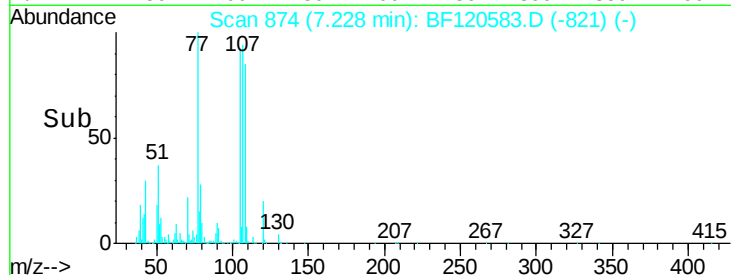
400000

200000

0

7.15 7.20 7.25 7.30

Time-->



#23

Nitrobenzene-d5

Concen: 180.187 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

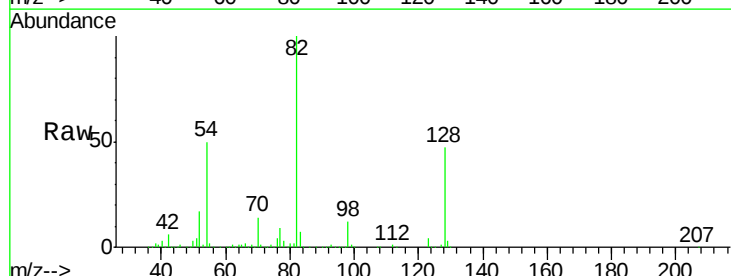
Tgt Ion: 82 Resp: 1978335

Ion Ratio Lower Upper

82 100

128 47.2 37.5 56.3

54 49.9 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

1500000

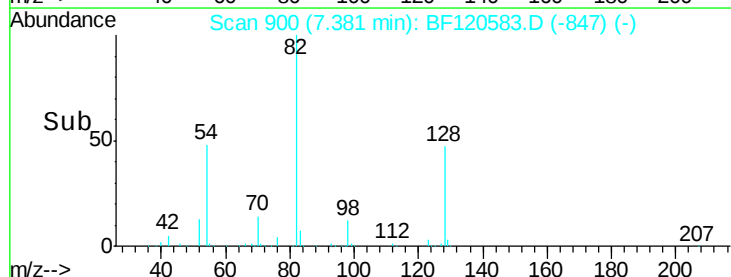
1000000

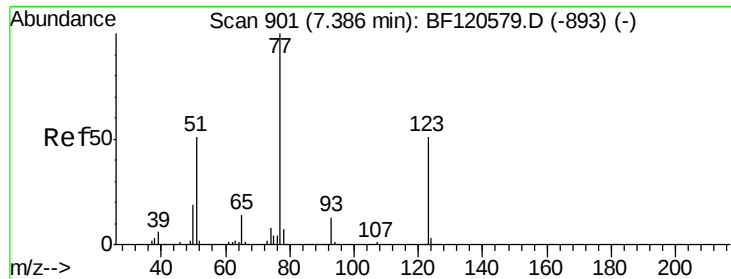
500000

0

7.35 7.40

Time-->





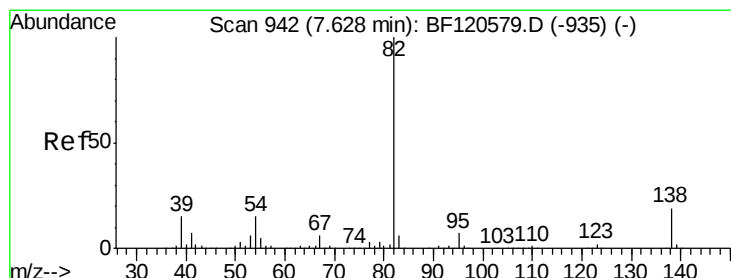
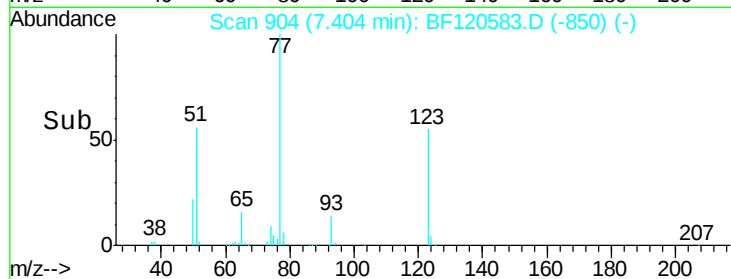
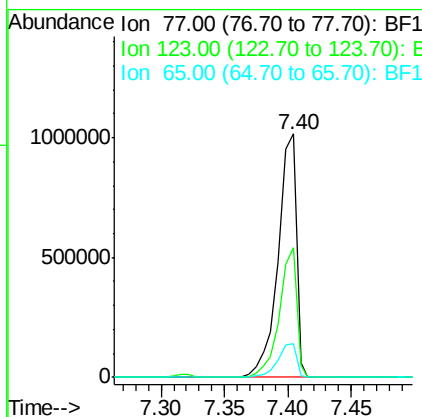
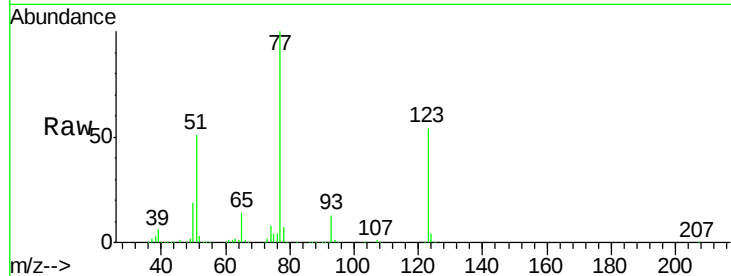
#24
Nitrobenzene
Concen: 85.737 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
77	100		
123	53.5	40.5	60.7
65	13.8	10.9	16.3

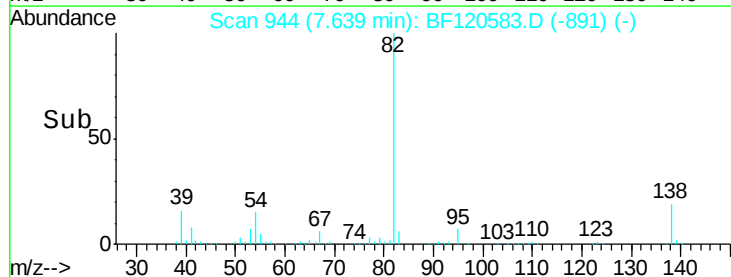
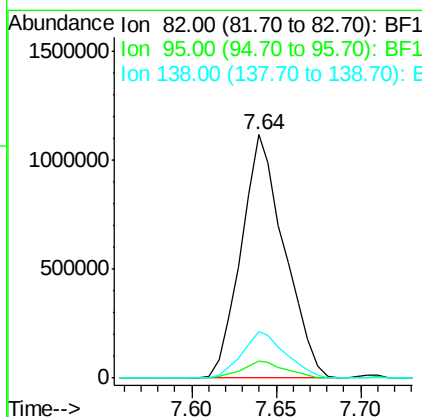
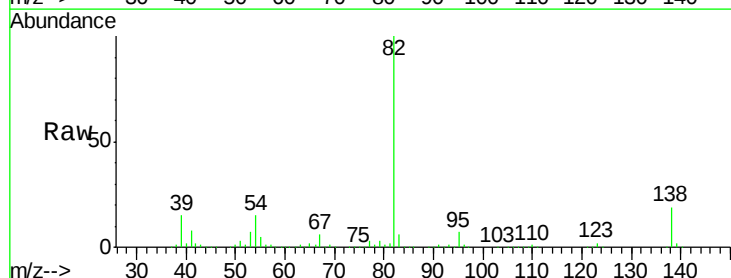
Manual Integrations
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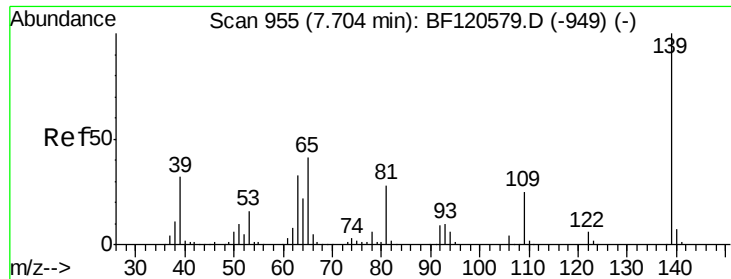
mohammad
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#25
Isophorone
Concen: 89.984 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.6	8.4
138	19.2	15.4	23.2





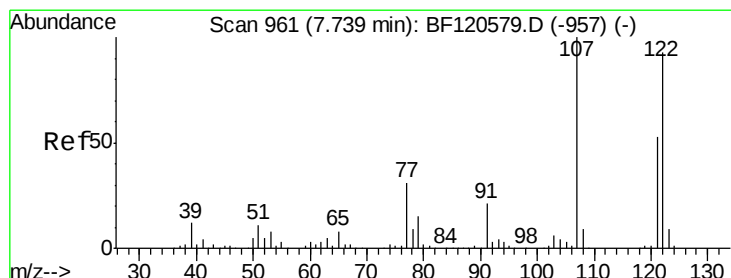
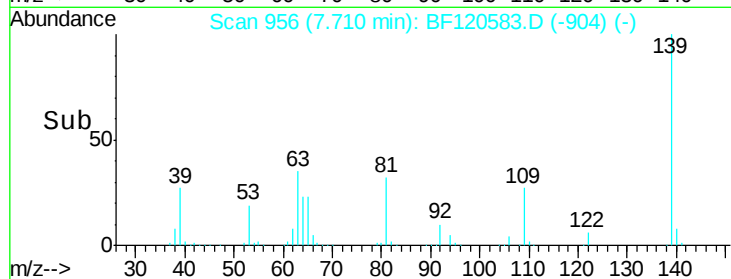
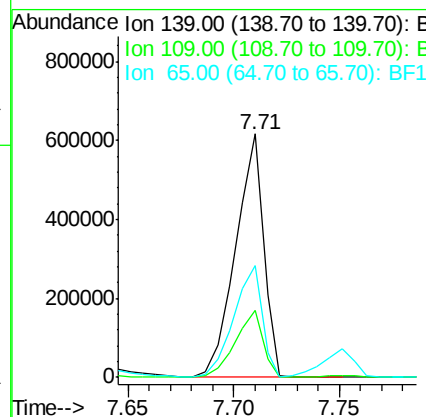
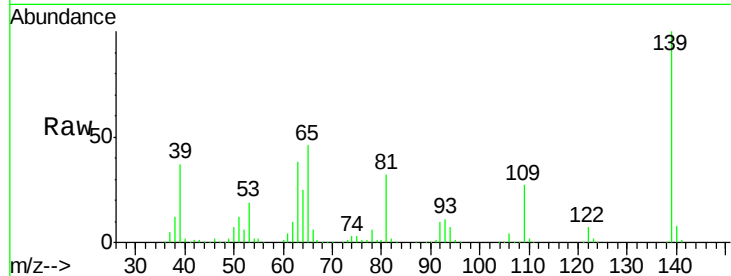
#26
2-Nitrophenol
Concen: 106.099 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
139	100	565771		
109	27.4	20.2	30.2	
65	46.1	32.9	49.3	

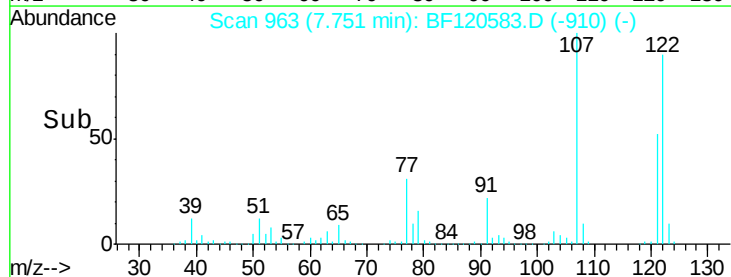
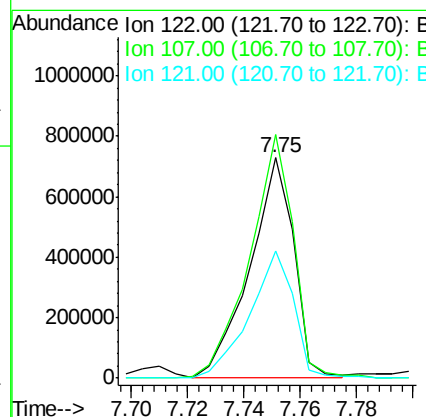
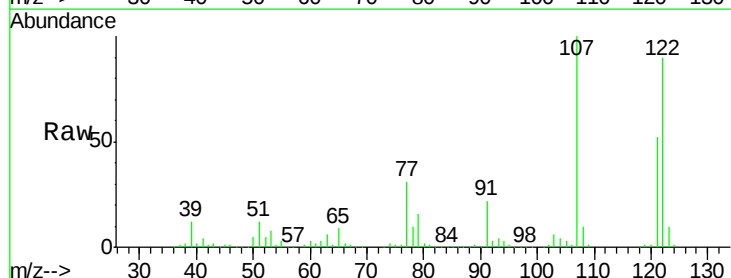
Manual Integrations
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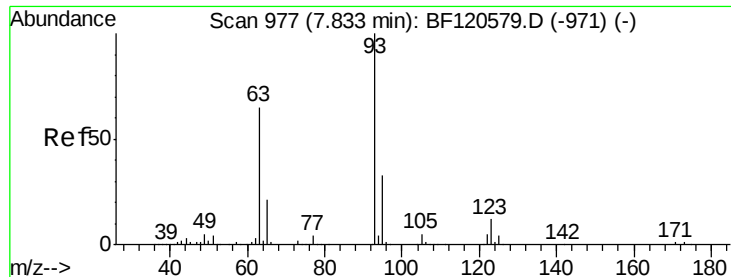
mohammad
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#27
2,4-Dimethylphenol
Concen: 85.363 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	790500		
107	110.5	86.3	129.5	
121	57.5	45.4	68.2	





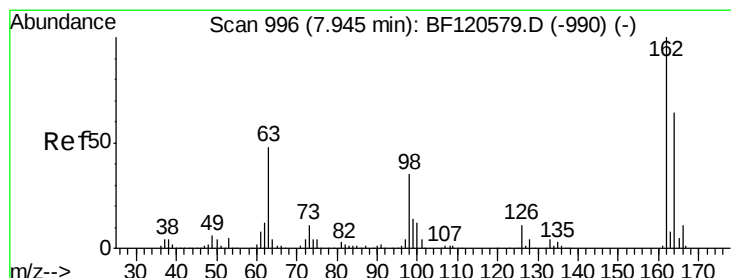
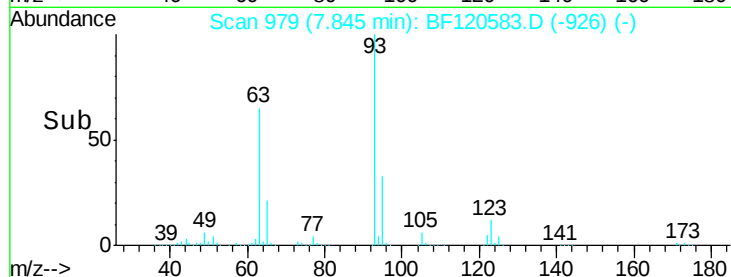
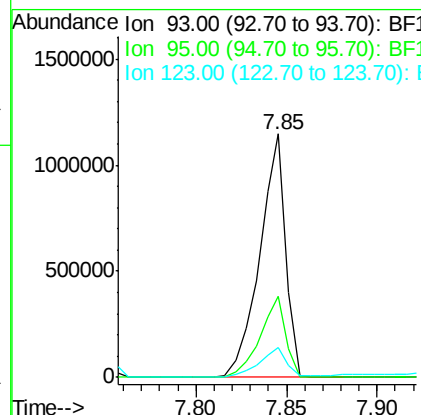
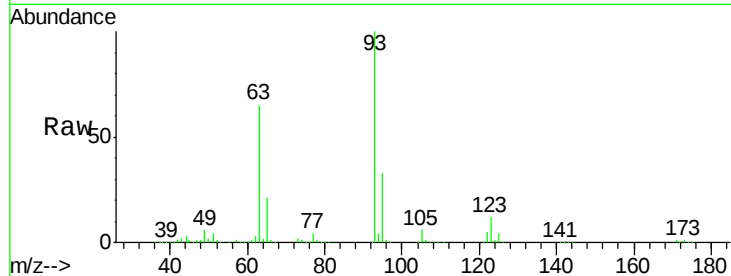
#28
bis(2-Chloroethoxy)methane
Concen: 85.207 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.1	39.1
123	12.2	9.5	14.3

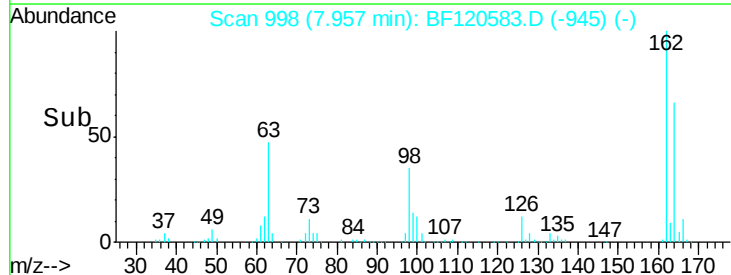
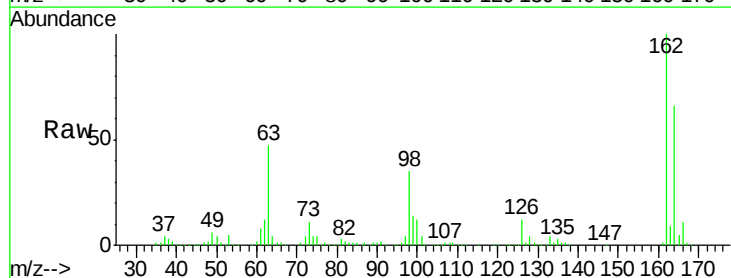
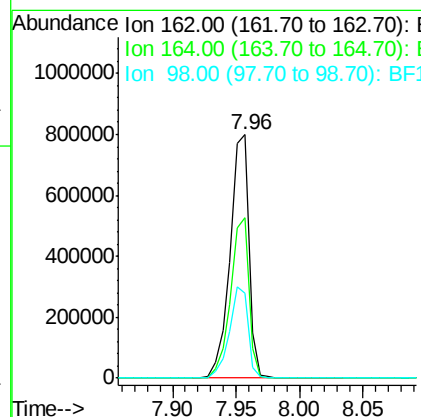
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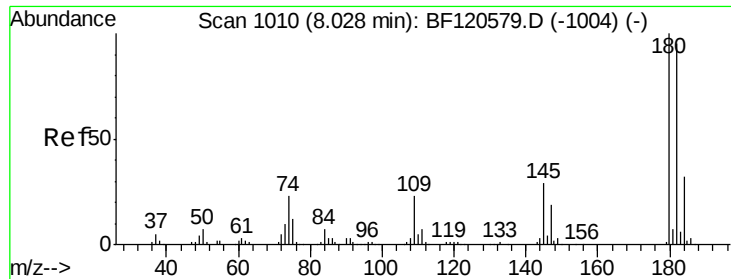
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#29
2,4-Dichlorophenol
Concen: 88.073 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.1	84.1
98	34.8	14.6	54.6





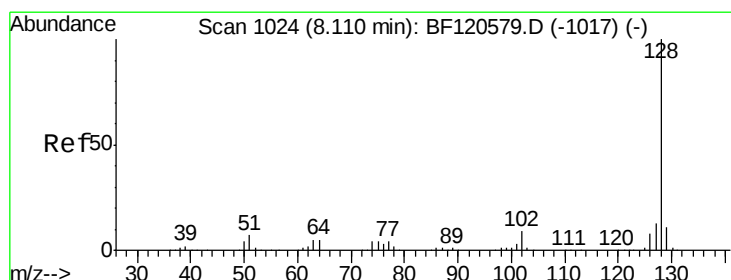
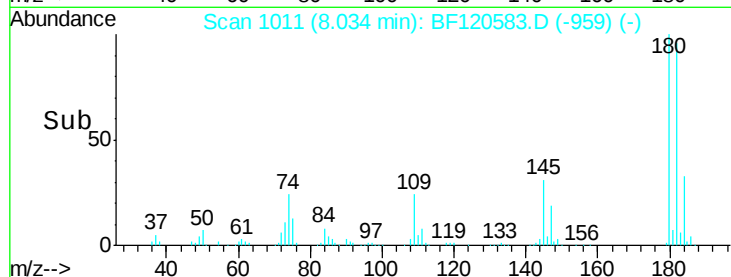
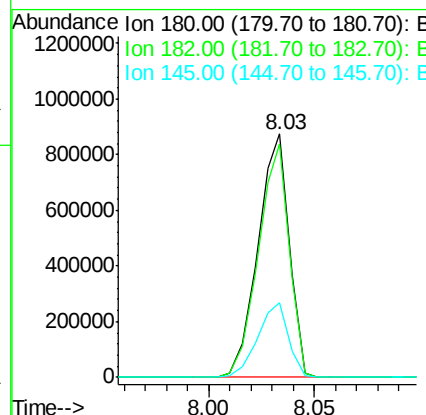
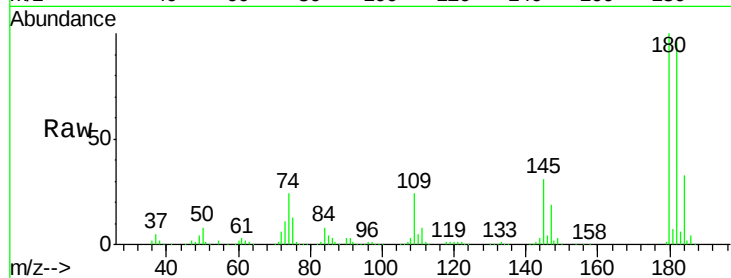
#30
 1,2,4-Trichlorobenzene
 Concen: 85.177 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.4
145	30.7	23.0	34.6

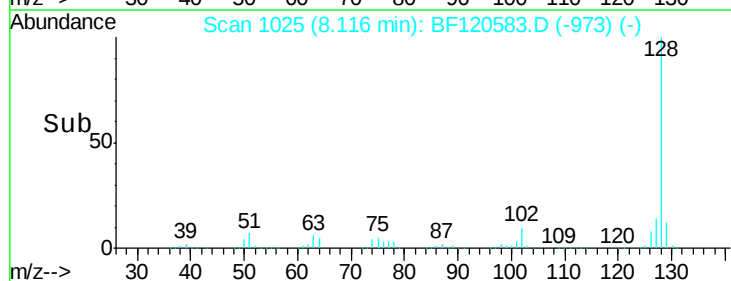
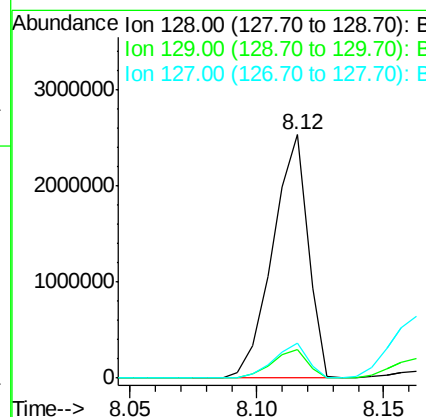
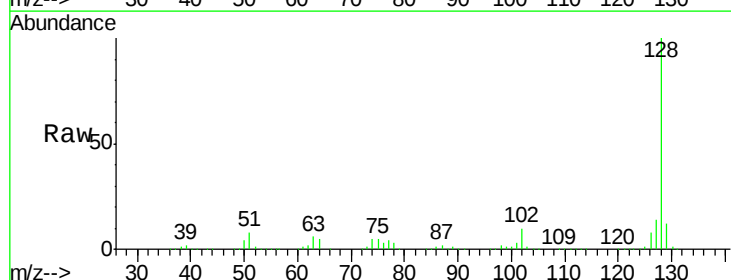
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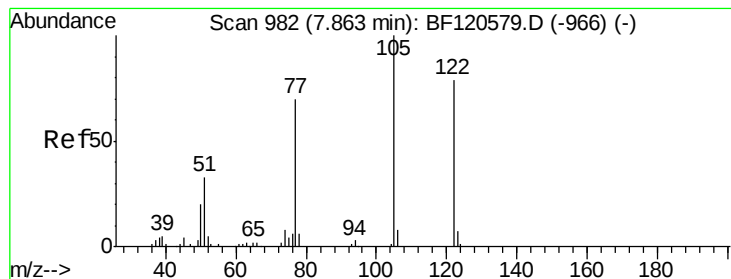
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#31
 Naphthalene
 Concen: 77.608 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.6
127	14.2	10.7	16.1





#32

Benzoic acid

Concen: 109.896 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.06 min

Lab File: BF120583.D

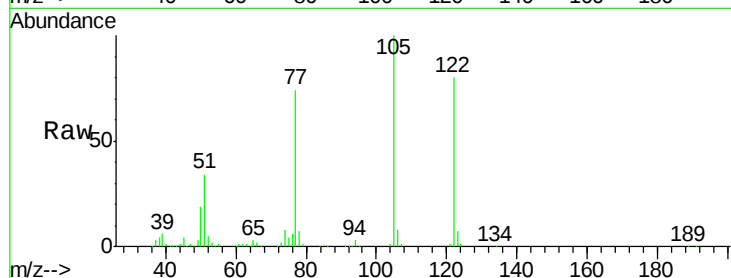
Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

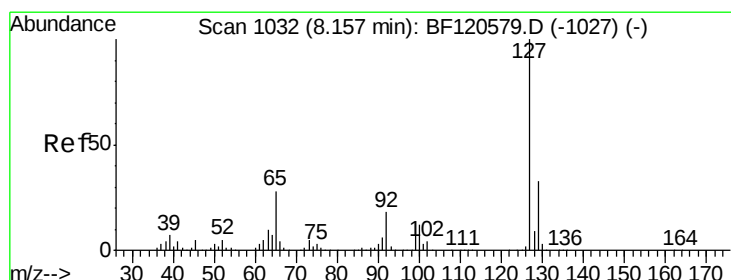
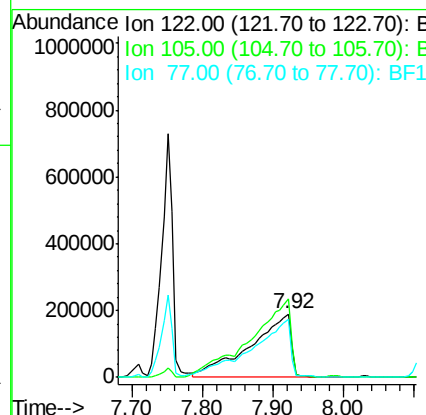
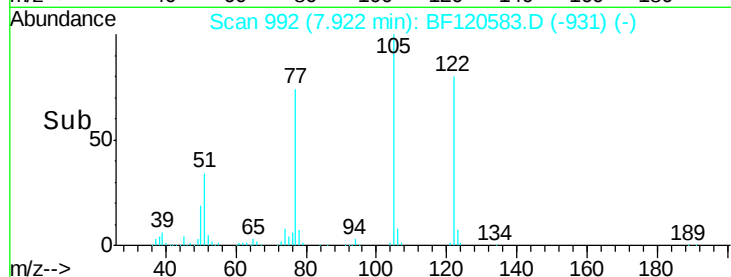
SSTDICC100



Tot Ion:	122	Resp:	755207
Ion Ratio	Lower	Upper	
122	100		
105	124.6	101.1	141.1
77	91.9	66.8	106.8

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#33

4-Chloroaniline

Concen: 94.902 ng

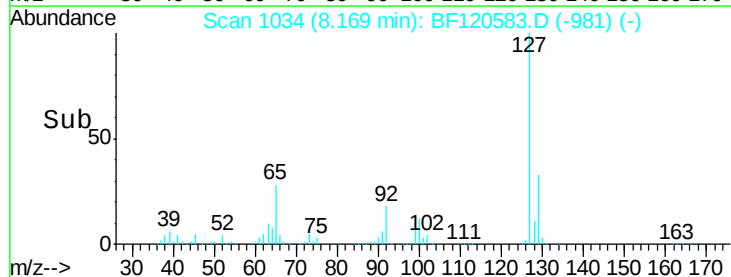
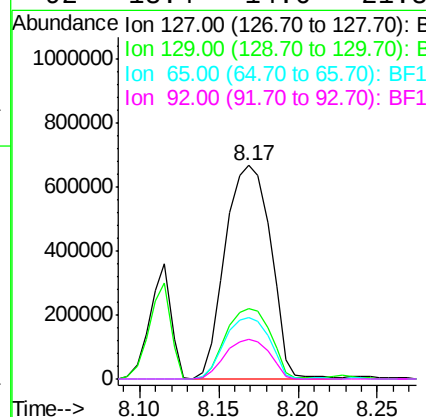
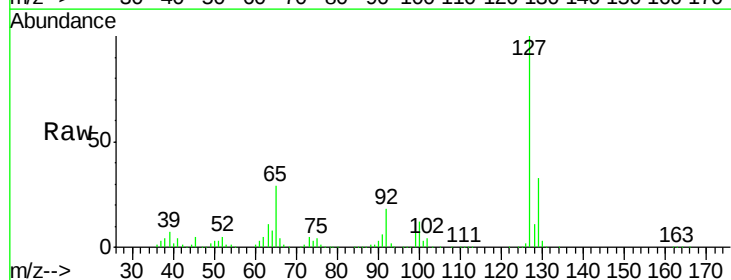
RT: 8.17 min Scan# 1034

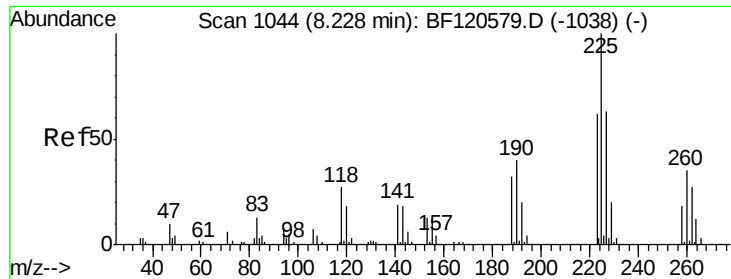
Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Tgt Ion:	127	Resp:	1326649
Ion Ratio	Lower	Upper	
127	100		
129	33.1	26.2	39.2
65	28.9	22.6	33.8
92	18.4	14.6	21.8





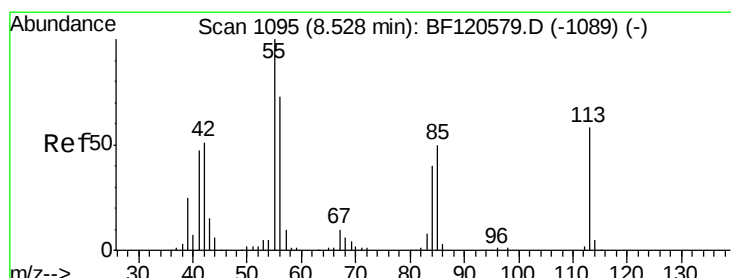
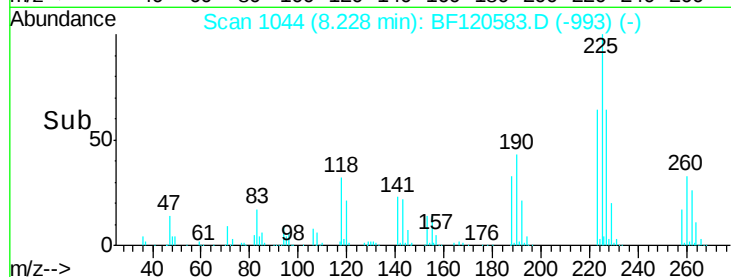
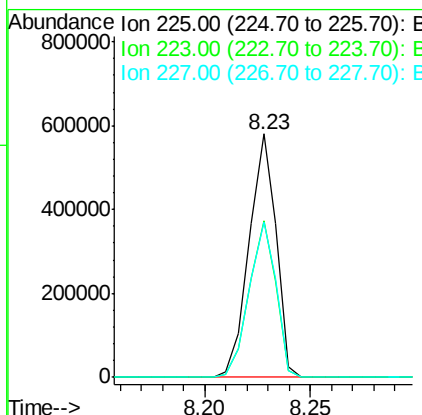
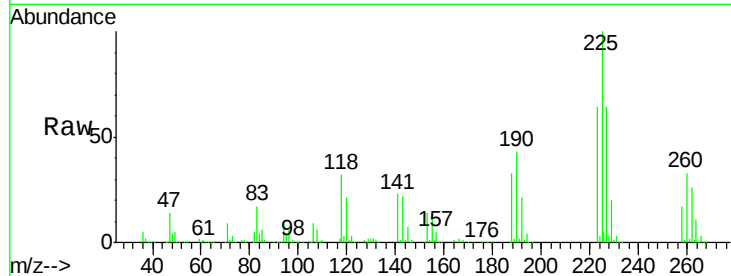
#34
Hexachlorobutadiene
Concen: 82.994 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
225	100	516382		
223	64.1		49.5	74.3
227	64.0		50.6	76.0

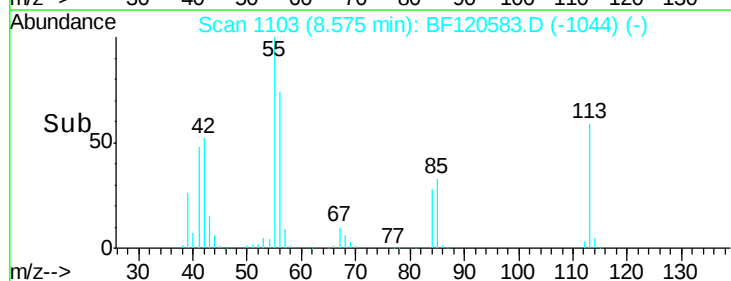
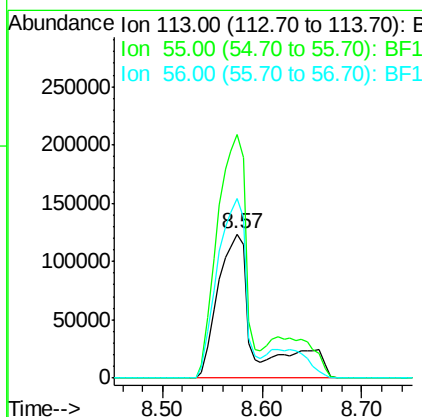
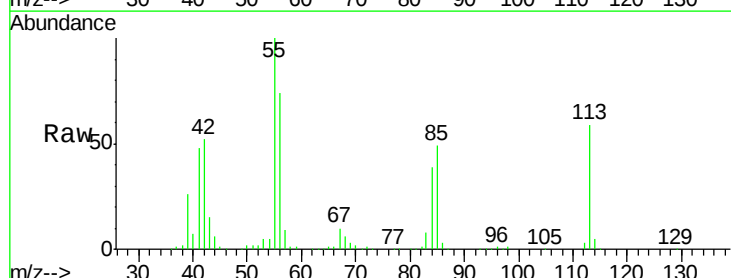
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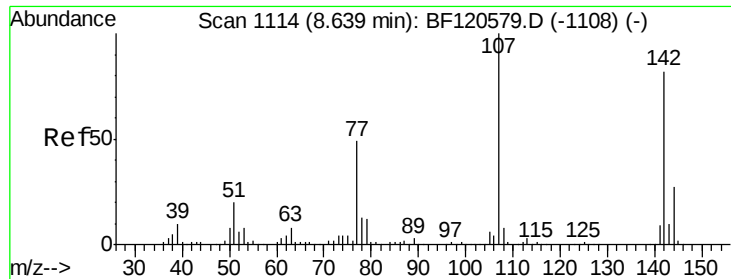
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#35
Caprolactam
Concen: 106.132 ng m
RT: 8.57 min Scan# 1103
Delta R.T. 0.05 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	321498		
55	168.6		152.8	192.8
56	124.0		105.9	145.9





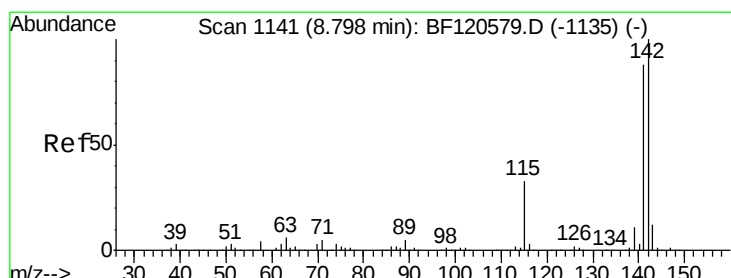
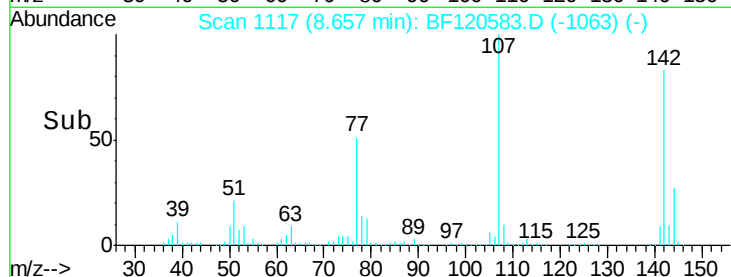
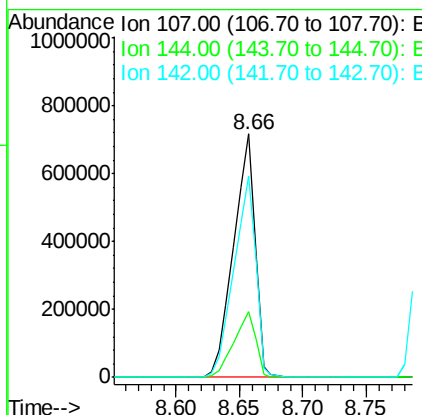
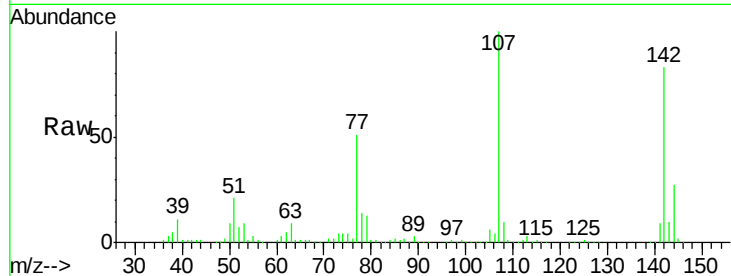
#36
 4-Chloro-3-methylphenol
 Concen: 88.496 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.02 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
107	100	839804		
144	26.9	21.6	32.4	
142	82.5	65.8	98.8	

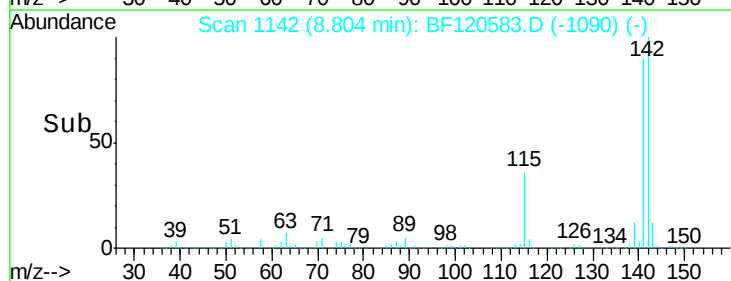
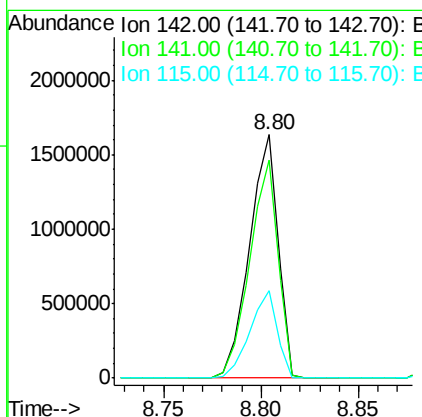
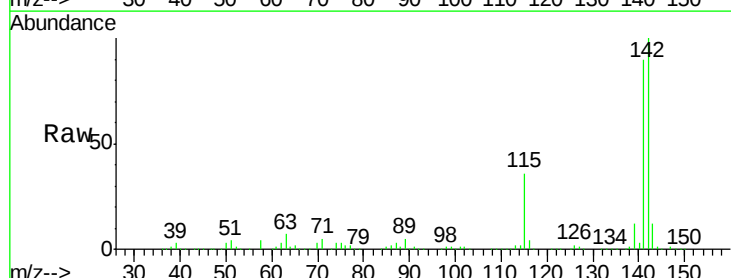
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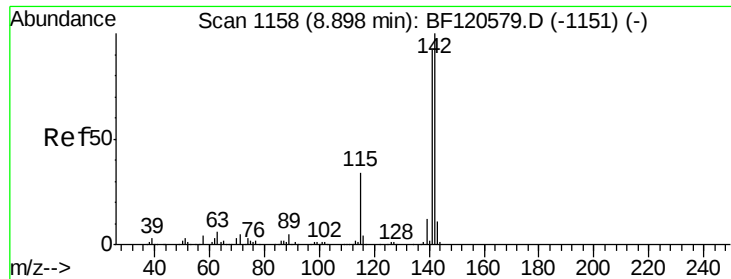
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#37
 2-Methylnaphthalene
 Concen: 79.458 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	1660050		
141	89.6	70.2	105.2	
115	35.8	26.6	39.8	





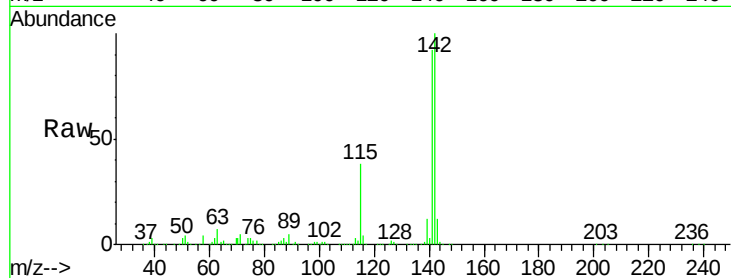
#38
1-Methylnaphthalene
Concen: 71.406 ng
RT: 8.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.3	109.9
116	4.0	2.9	4.3

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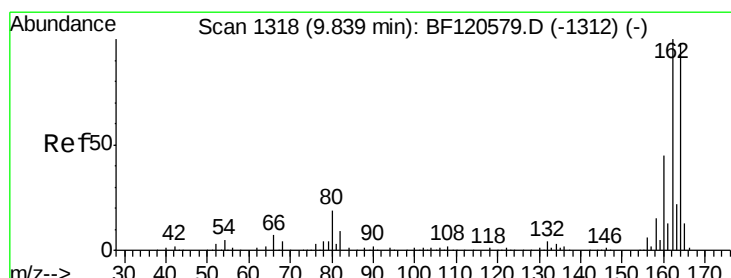
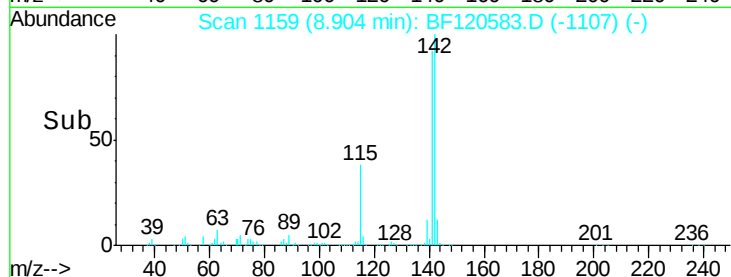
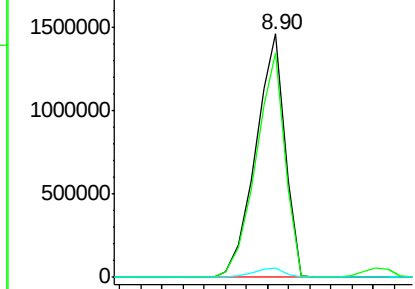


Abundance

Ion 142.00 (141.70 to 142.70): E

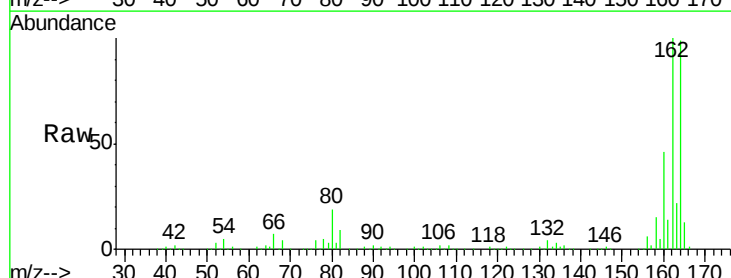
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	46.1	36.6	54.8

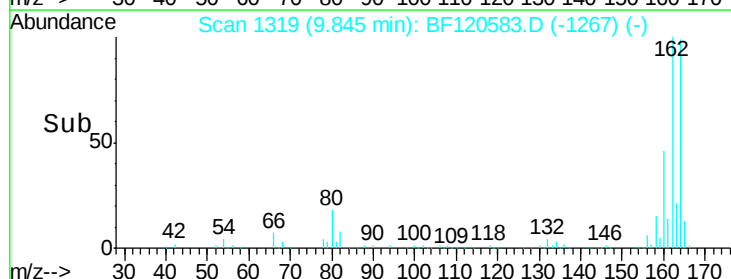
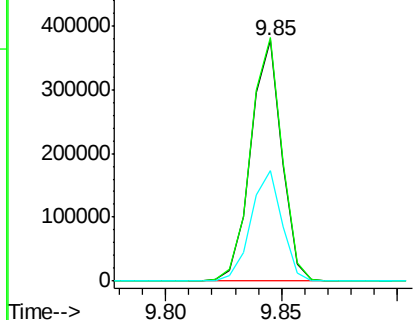


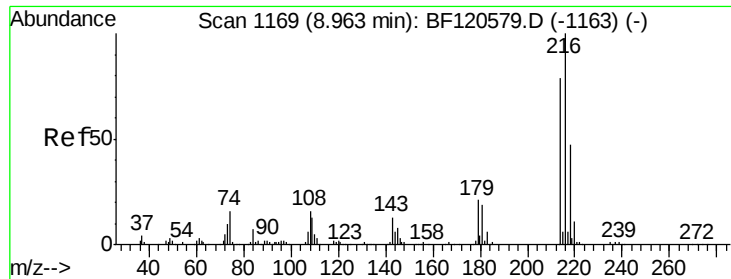
Abundance

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





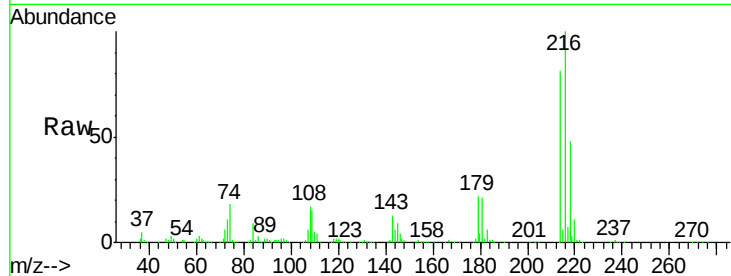
#40
1,2,4,5-Tetrachlorobenzene
Concen: 81.415 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

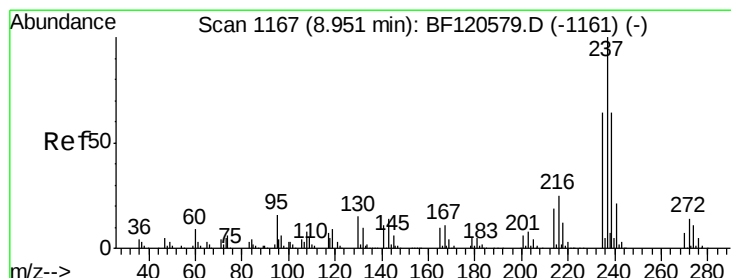
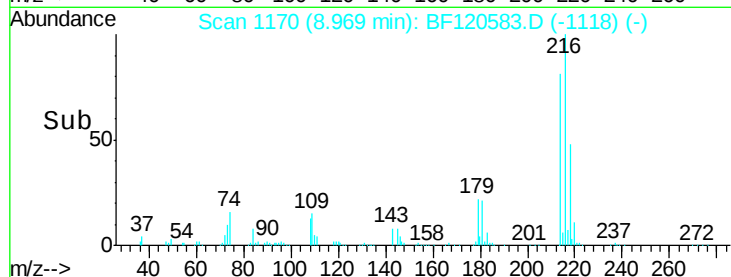
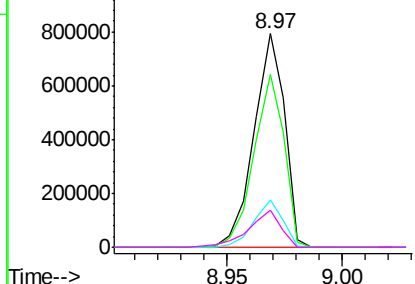
Tot Ion	Ratio	Resp	Lower	Upper
216	100	737845		
214	79.8	62.8	94.2	
179	21.0	16.2	24.2	
108	18.3	14.0	21.0	

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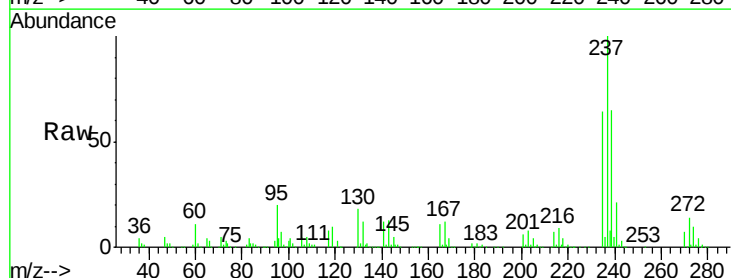


Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

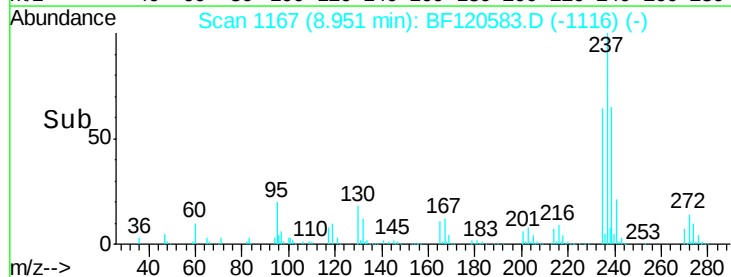
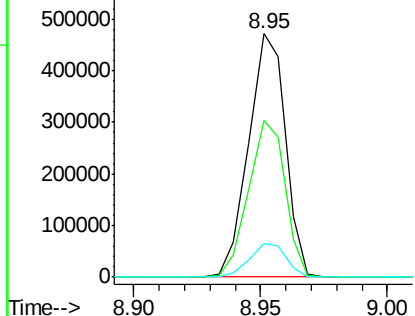


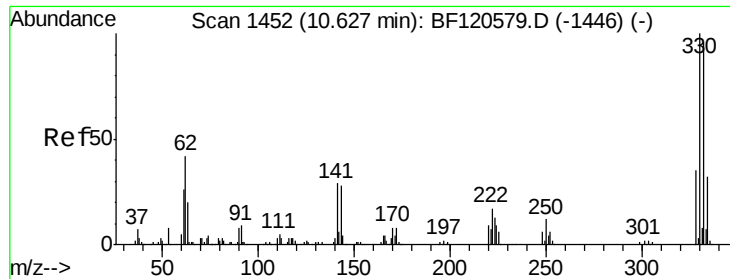
#41
Hexachlorocyclopentadiene
Concen: 94.511 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	478034		
235	64.2	44.2	84.2	
272	13.7	0.0	34.0	



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: 197.600 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

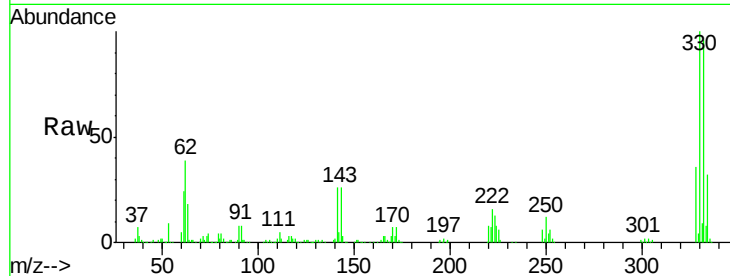
ClientSampleId :

SSTDICC100

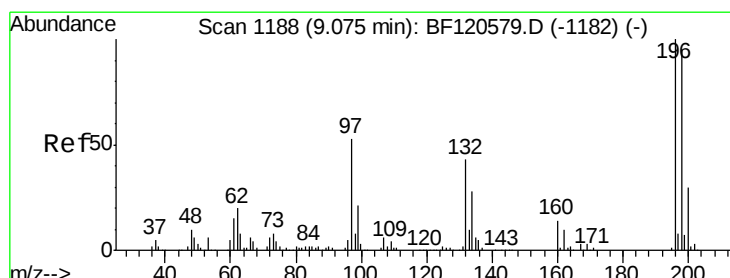
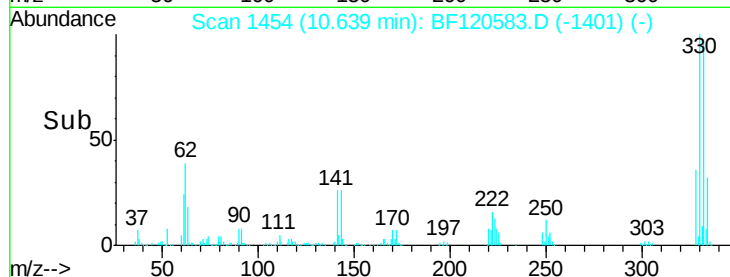
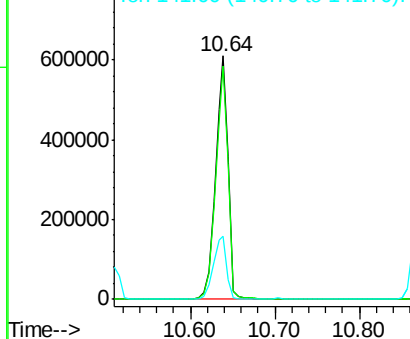
Tot Ion:	330	Resp:	647022
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.4
141	27.7	23.5	35.3

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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: 92.838 ng

RT: 9.09 min Scan# 1190

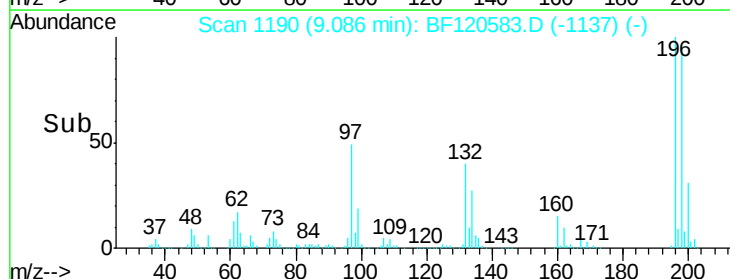
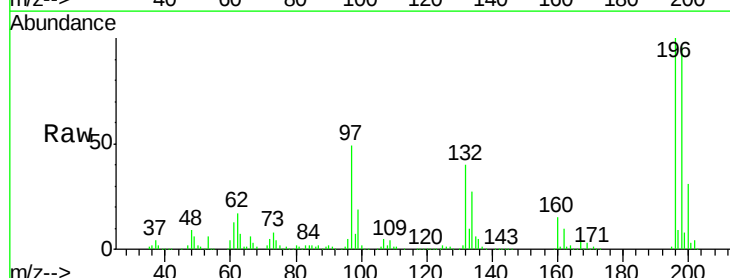
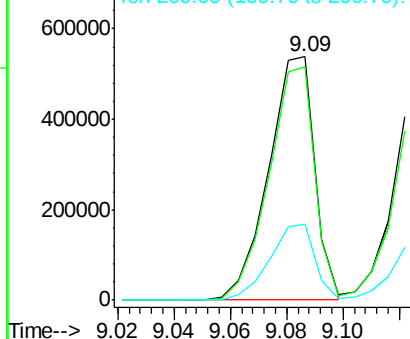
Delta R.T. 0.01 min

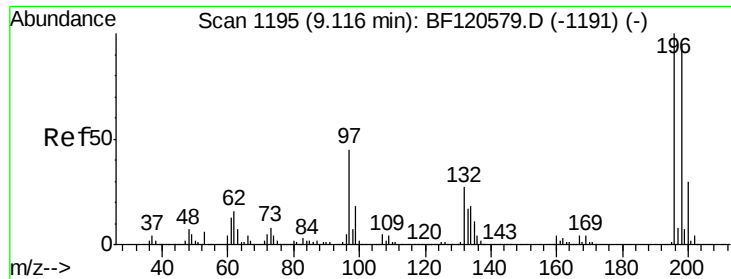
Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Tgt Ion:	196	Resp:	608502
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.2
200	31.4	24.2	36.4

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





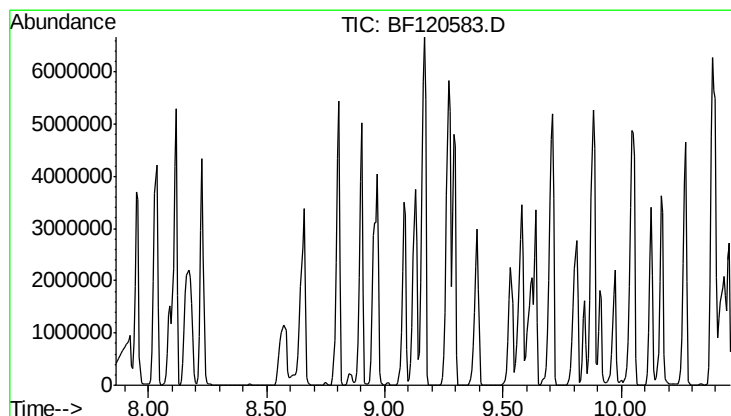
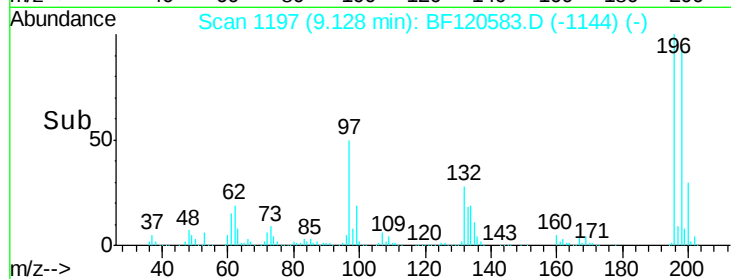
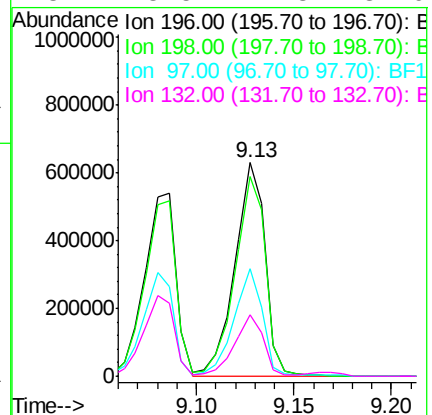
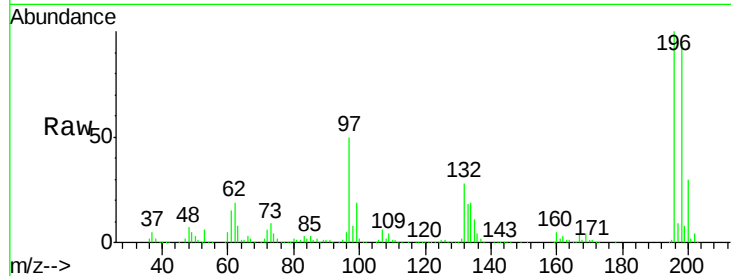
#44
 2,4,5-Trichlorophenol
 Concen: 90.684 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	93.7	76.2	114.4
97	50.1	36.2	54.4
132	28.5	21.3	31.9

Manual Integrations
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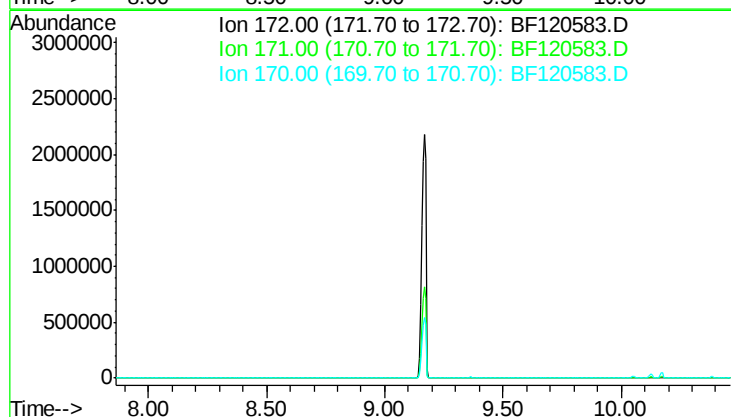
mohammad
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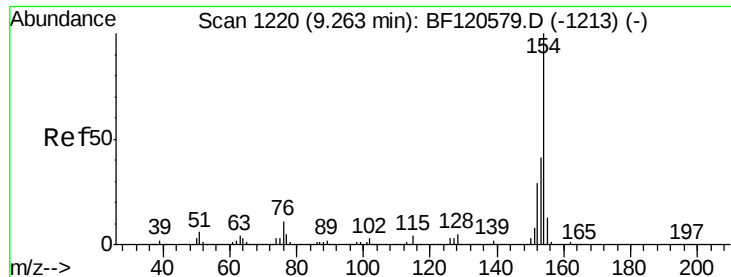


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.16 min

Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion	Sig	Exp Ratio
172	100	
171	36.2	
170	24.4	





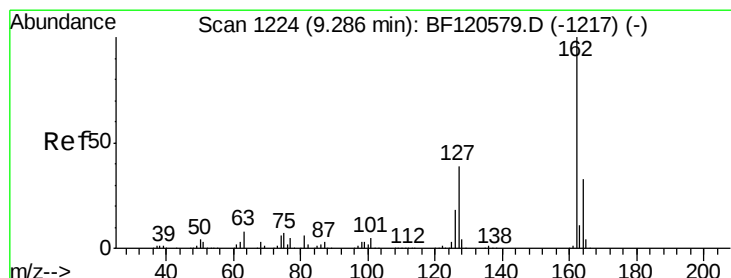
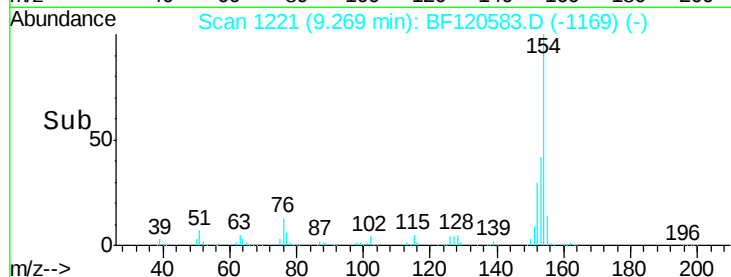
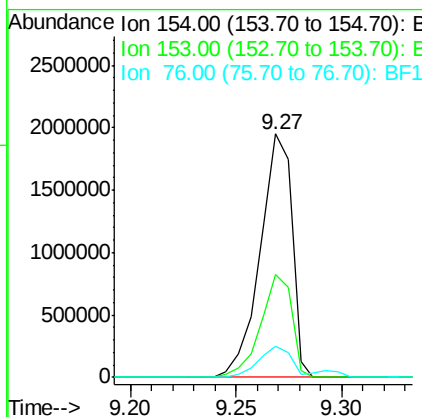
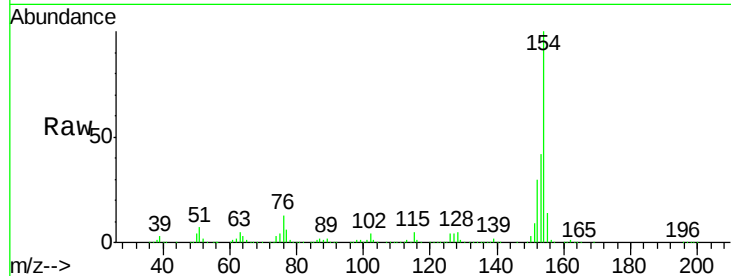
#46
1,1'-Biphenyl
Concen: 88.117 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:154 Resp: 2045673
Ion Ratio Lower Upper
154 100
153 42.1 20.7 60.7
76 13.0 0.0 31.4

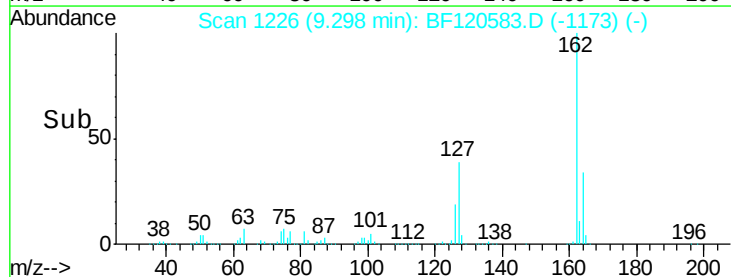
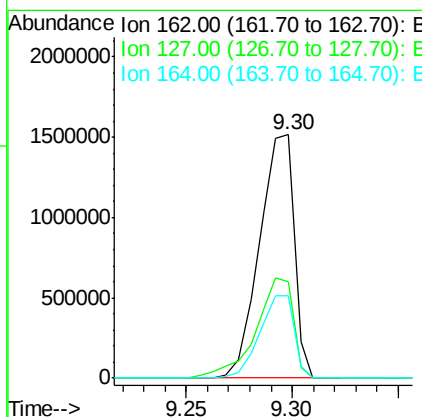
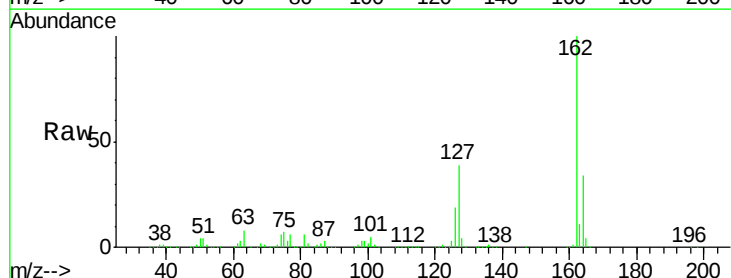
Manual Integrations
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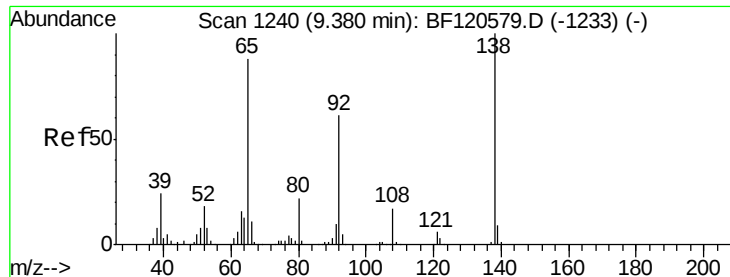
mohammad
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#47
2-Chloronaphthalene
Concen: 90.497 ng
RT: 9.30 min Scan# 1226
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion:162 Resp: 1730002
Ion Ratio Lower Upper
162 100
127 39.4 31.2 46.8
164 33.8 26.6 39.8





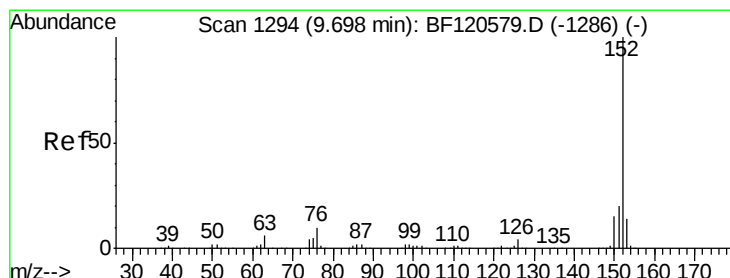
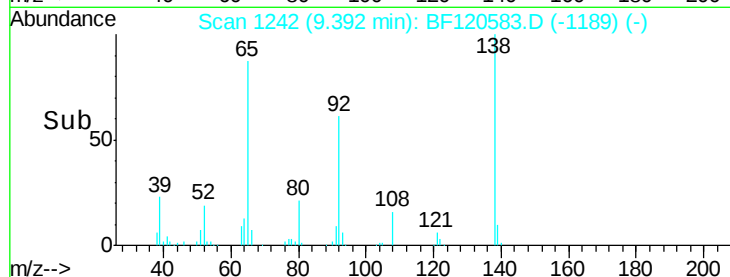
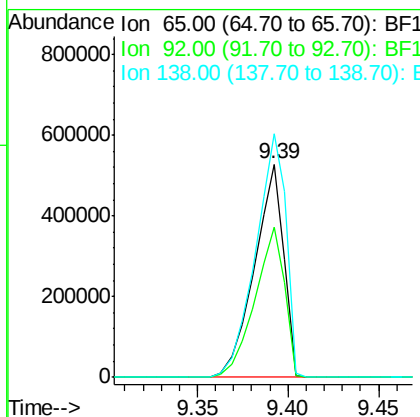
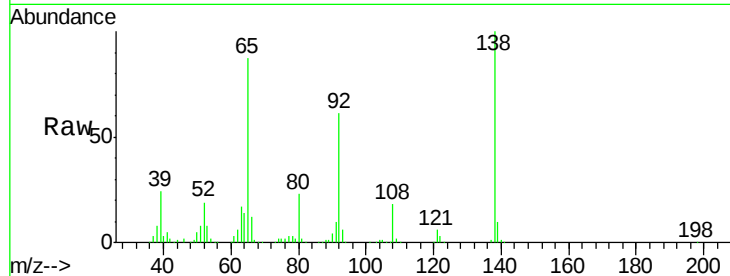
#48
2-Nitroaniline
Concen: 101.441 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	55.6	83.4
138	114.4	91.2	136.8

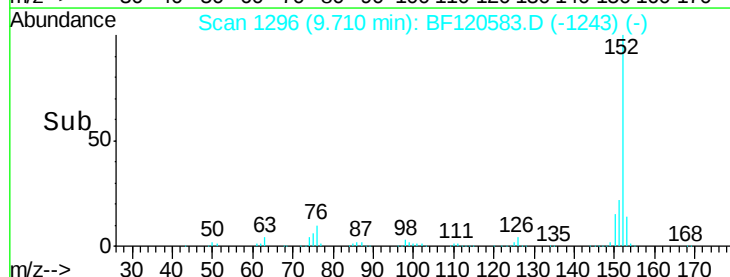
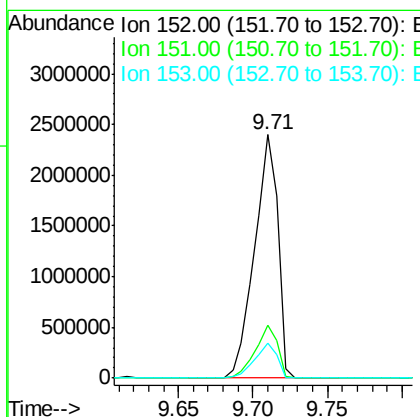
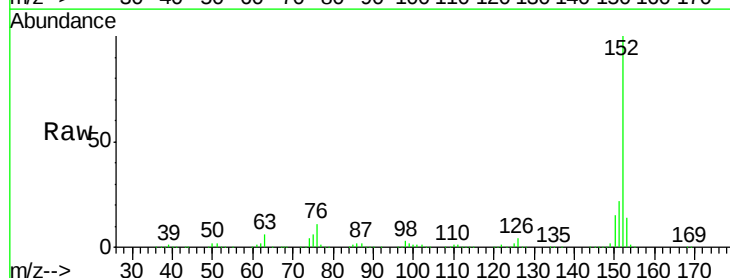
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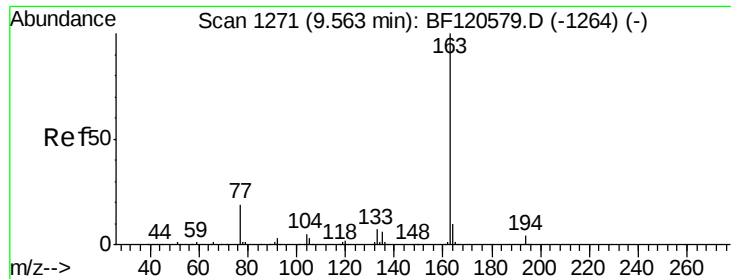
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6/10/2020 11:51:02 AM



#49
Acenaphthylene
Concen: 86.795 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	14.3	11.0	16.6





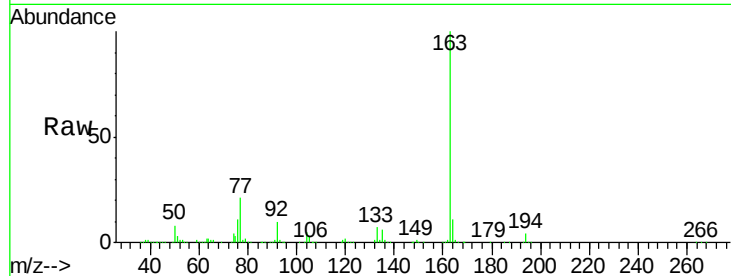
#50
Dimethylphthalate
Concen: 99.369 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.8	8.2	12.2

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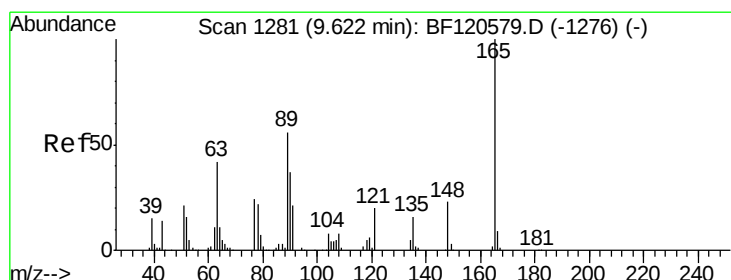
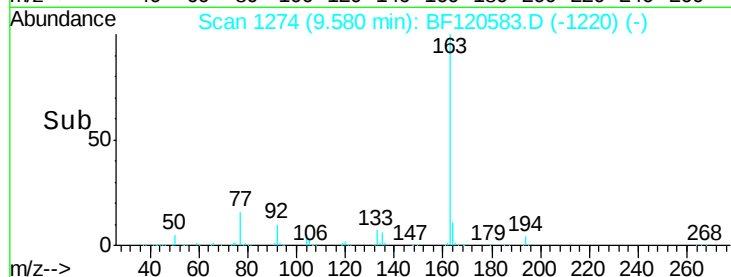
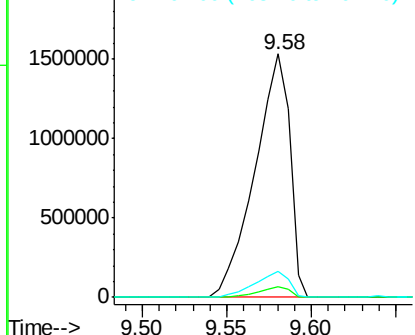


Abundance

Ion 163.00 (162.70 to 163.70): E

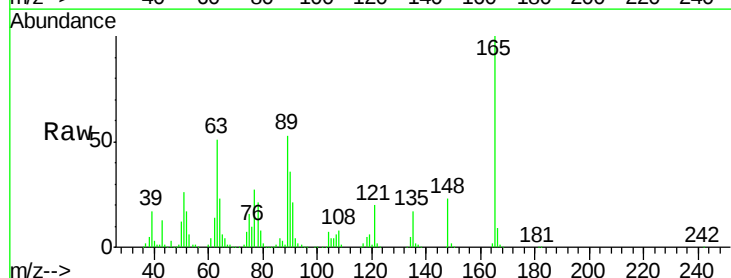
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 97.170 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.5	43.8	65.8
89	52.9	44.9	67.3

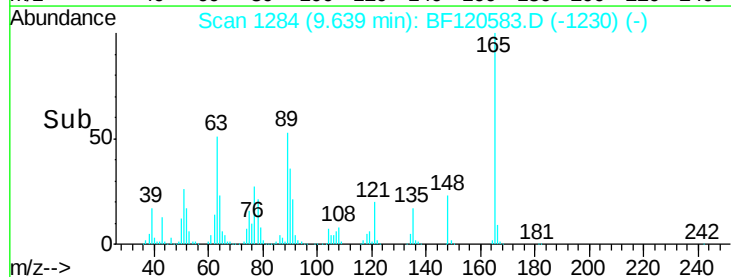
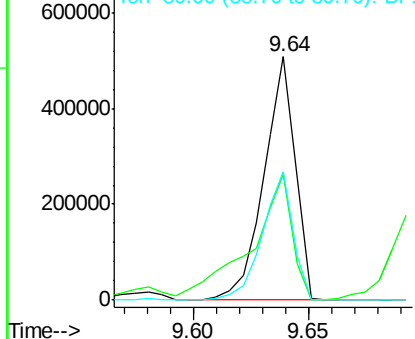


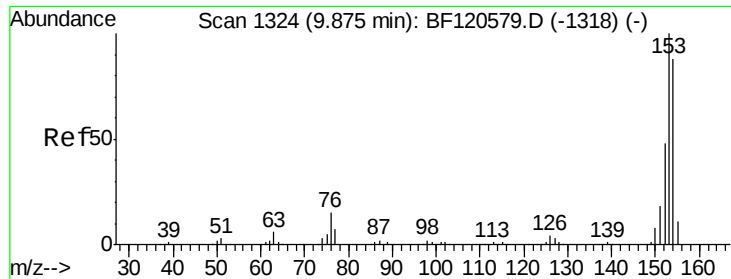
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





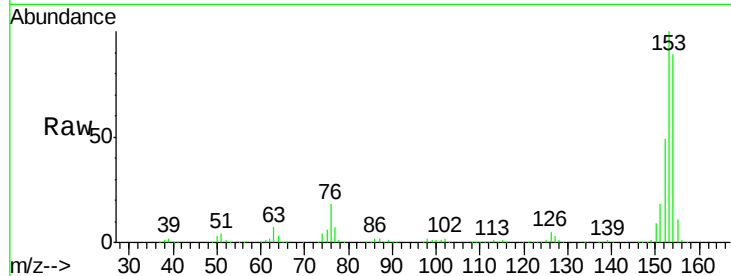
#52
Acenaphthene
Concen: 76.177 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

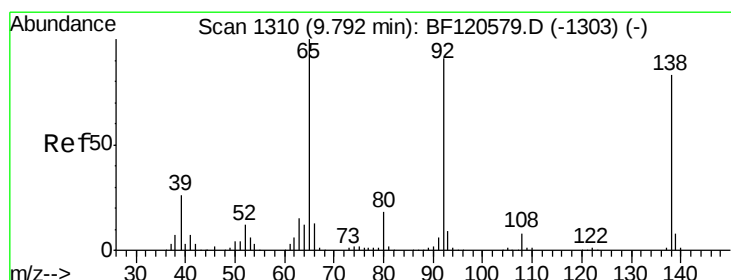
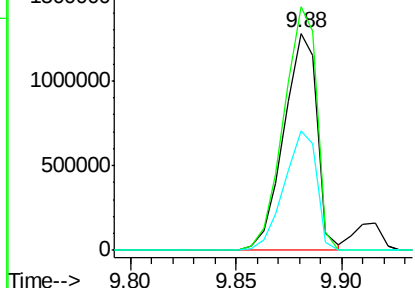
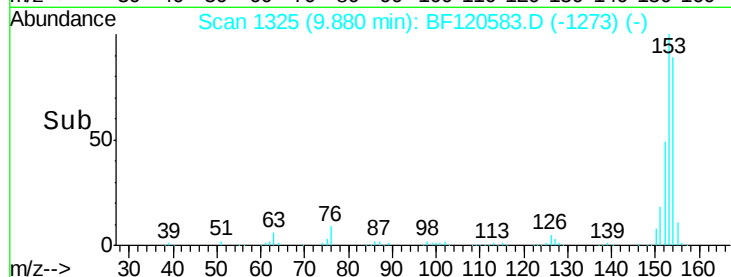
Tot Ion:154 Resp: 1404470
Ion Ratio Lower Upper
154 100
153 112.1 90.4 135.6
152 54.9 43.0 64.6

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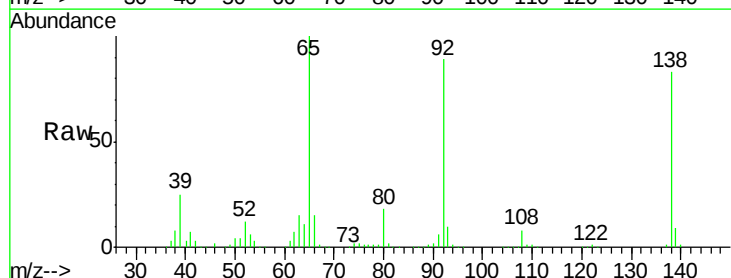


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

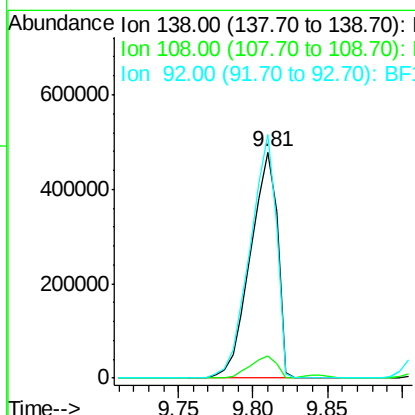
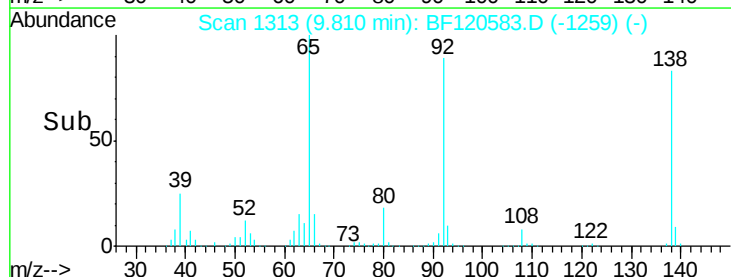


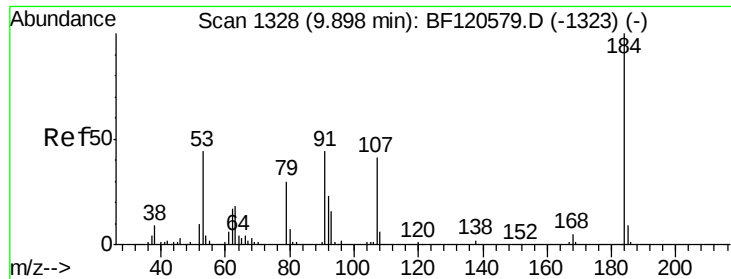
#53
3-Nitroaniline
Concen: 103.793 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion:138 Resp: 598431
Ion Ratio Lower Upper
138 100
108 9.9 7.7 11.5
92 107.7 87.4 131.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





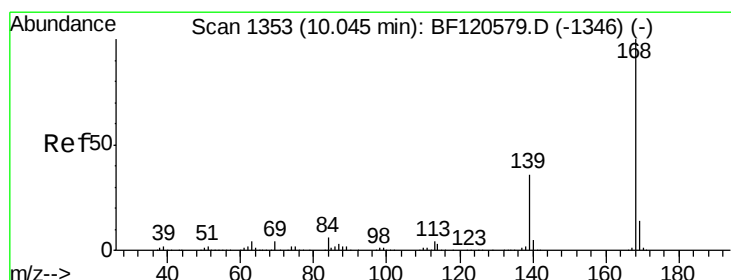
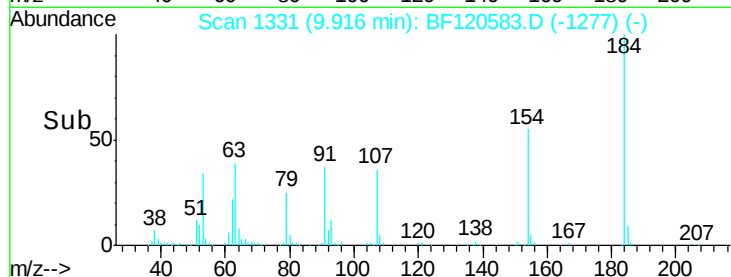
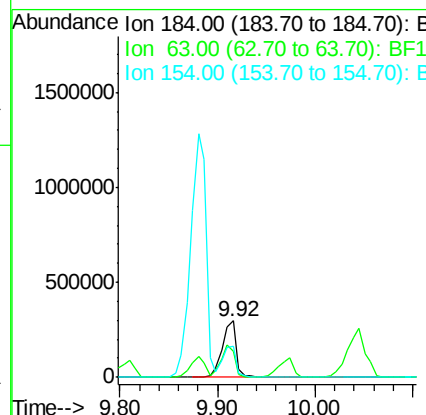
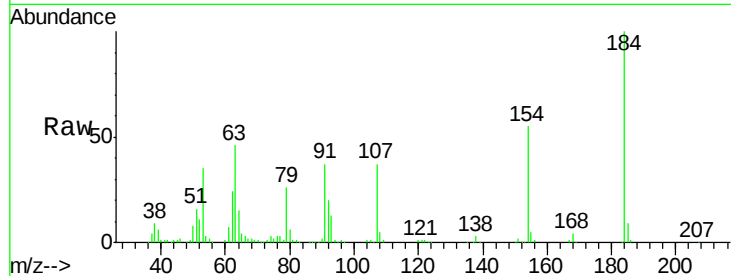
#54
2,4-Dinitrophenol
Concen: 182.447 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
184	100		
63	46.3	46.2	69.4
154	55.1	45.9	68.9

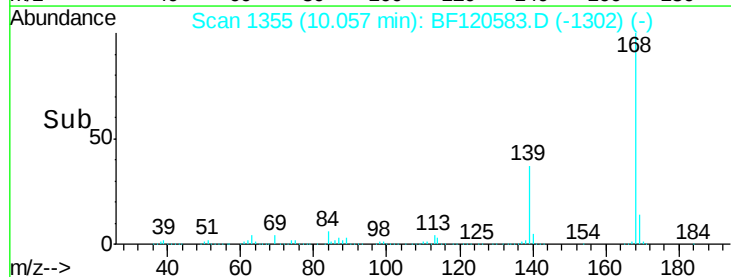
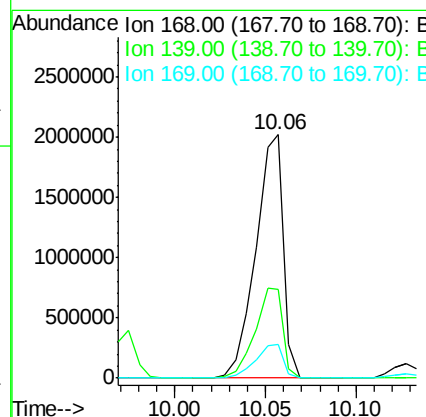
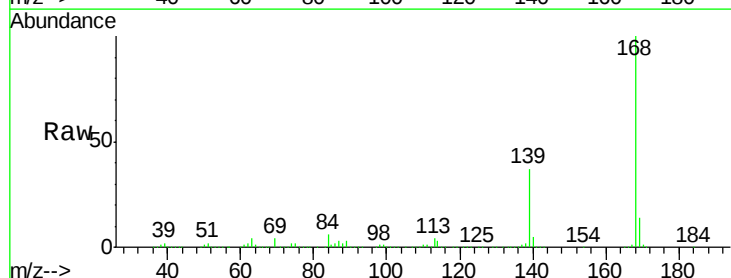
Manual Integrations
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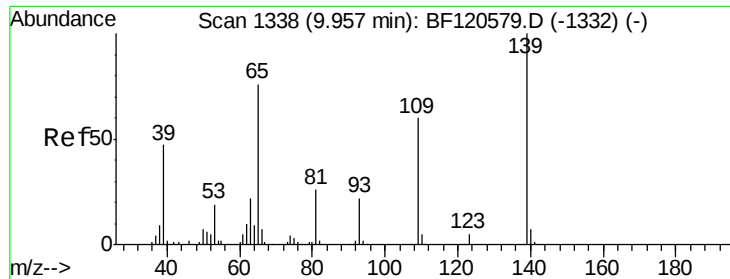
mohammad
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#55
Dibenzofuran
Concen: 79.453 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.7	29.1	43.7
169	13.7	11.0	16.6





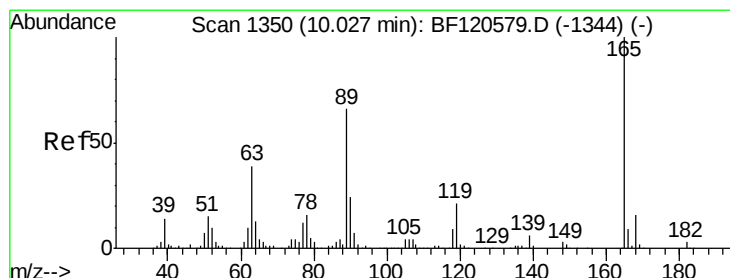
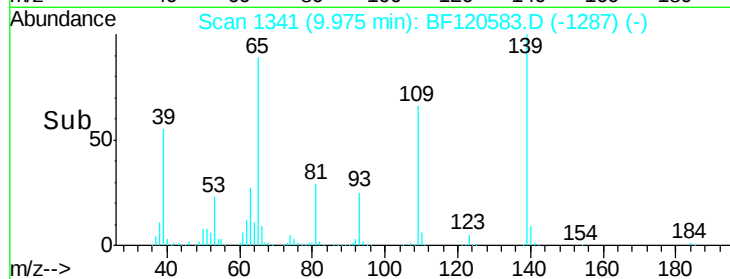
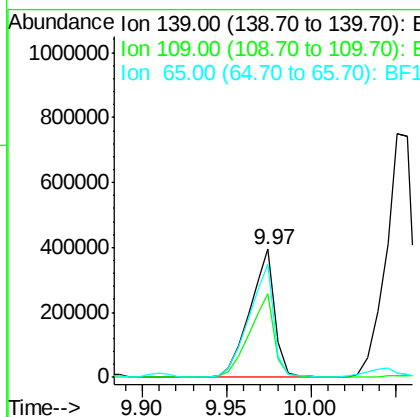
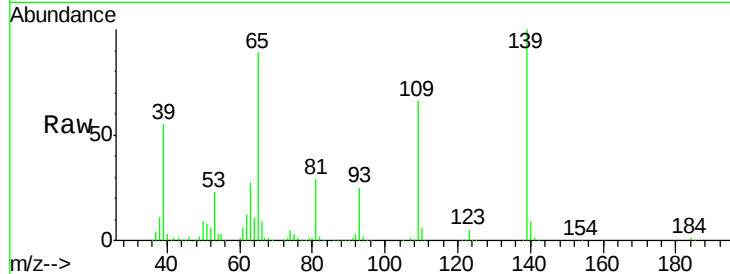
#56
4-Nitrophenol
Concen: 92.979 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.8	39.8	79.8	
65	88.5	56.2	96.2	

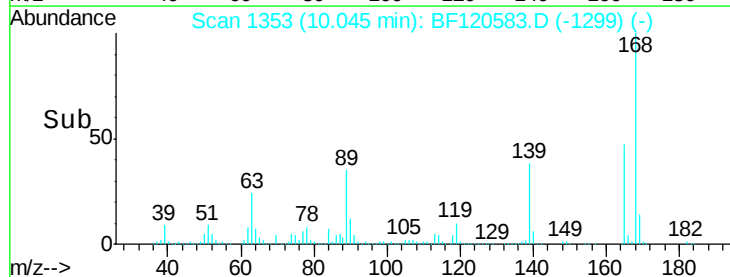
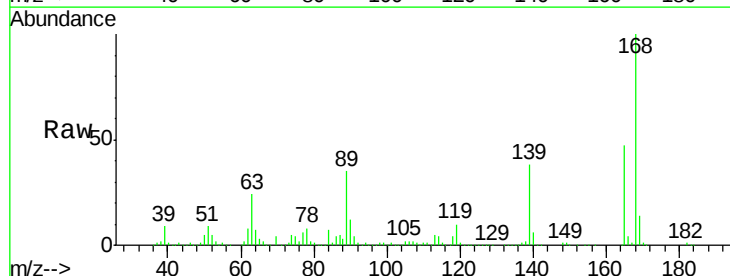
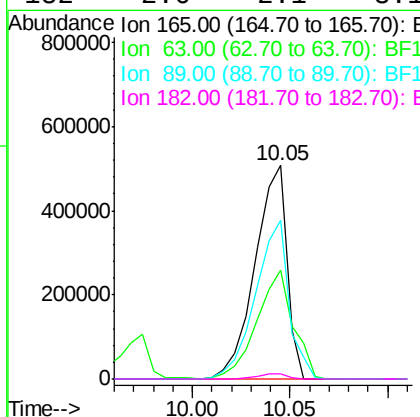
Manual Integrations
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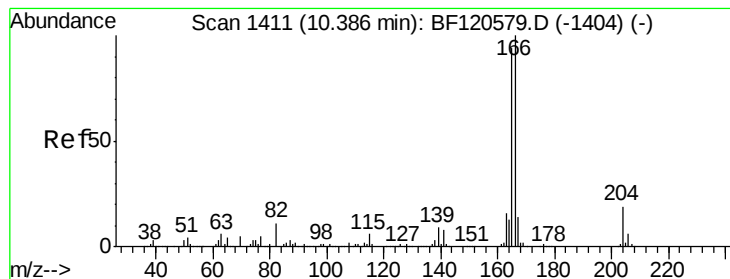
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#57
2,4-Dinitrotoluene
Concen: 91.700 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.8	31.1	46.7#	
89	74.1	52.6	79.0	
182	2.6	2.1	3.1	





#58

Fluorene

Concen: 80.955 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:166 Resp: 1627682

Ion Ratio Lower Upper

166 100

165 94.9 74.8 112.2

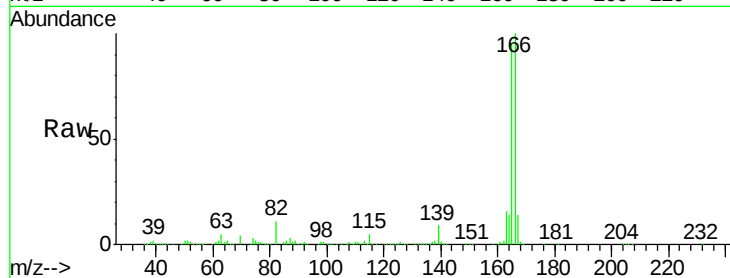
167 13.7 11.2 16.8

Manual Integrations

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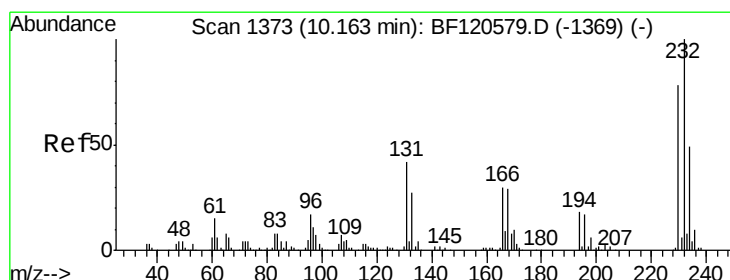
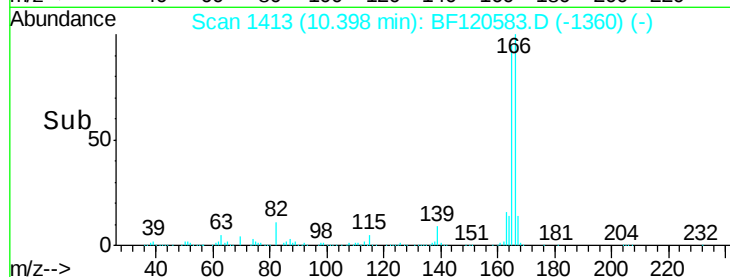
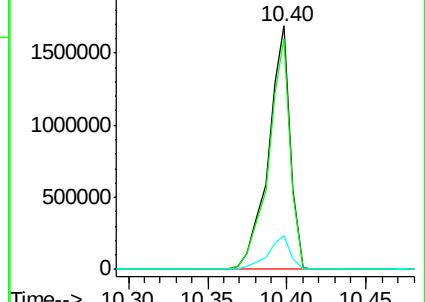
6/10/2020 11:51:02 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 91.731 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Tgt Ion:232 Resp: 531083

Ion Ratio Lower Upper

232 100

131 42.2 33.1 49.7

130 2.1 1.6 2.4

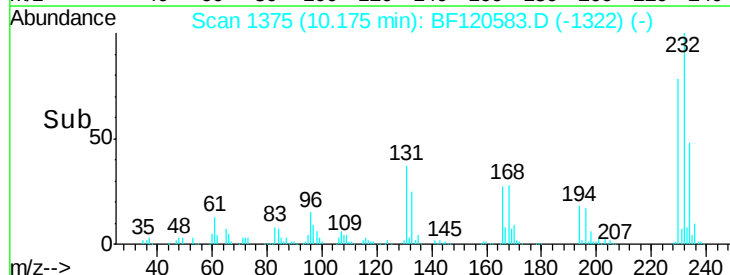
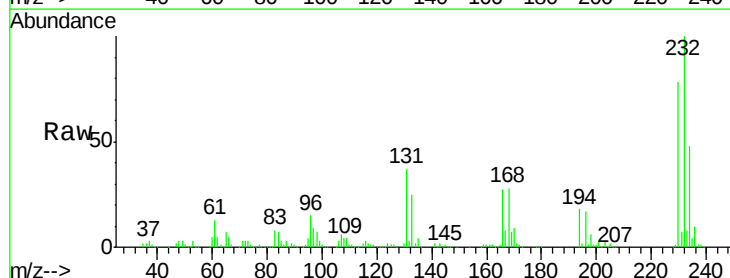
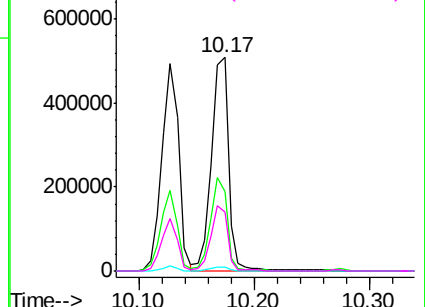
166 29.3 23.1 34.7

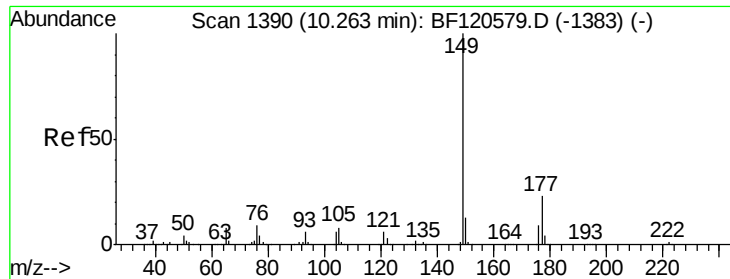
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





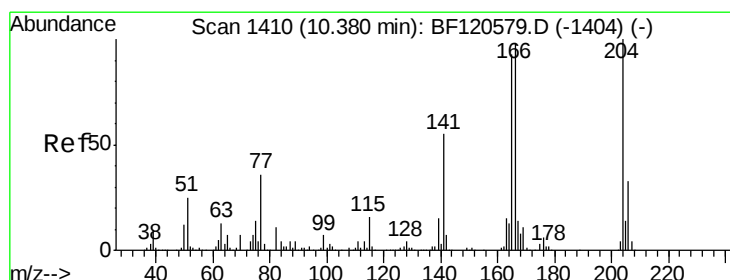
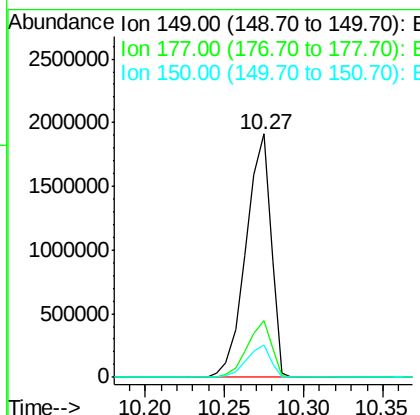
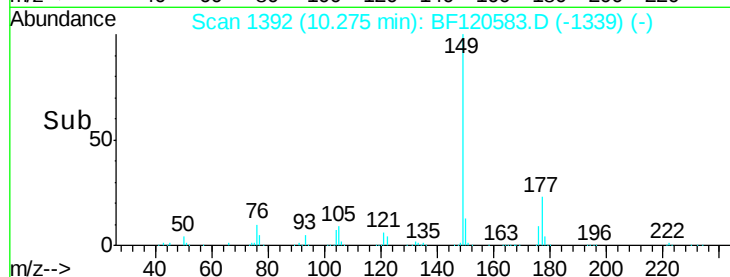
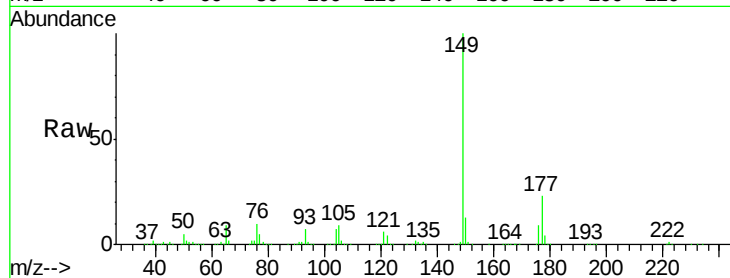
#60
Diethylphthalate
Concen: 93.772 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:149 Resp: 2093583
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.2
150 13.2 10.1 15.1

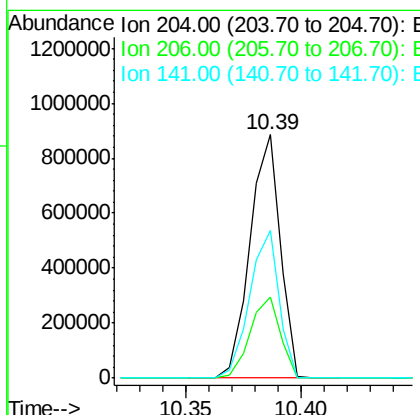
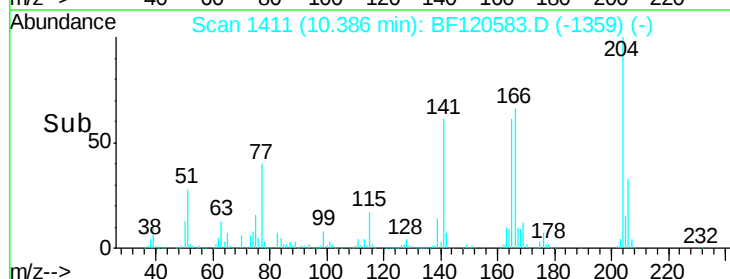
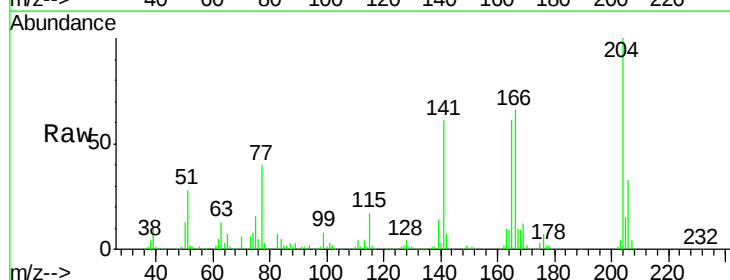
Manual Integrations
APPROVED

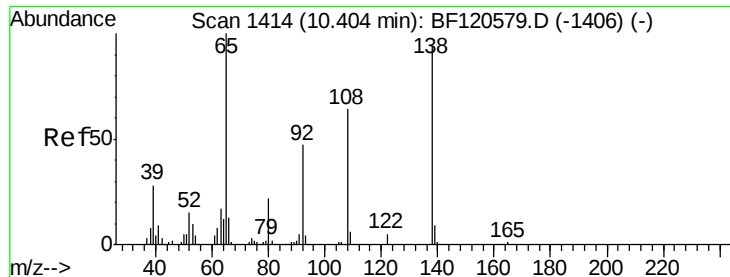
mohammad
6/10/2020 11:51:02 AM



#61
4-Chlorophenyl-phenylether
Concen: 74.742 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion:204 Resp: 814730
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 60.9 44.2 66.2





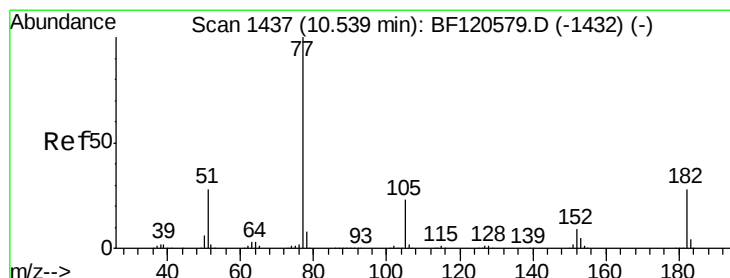
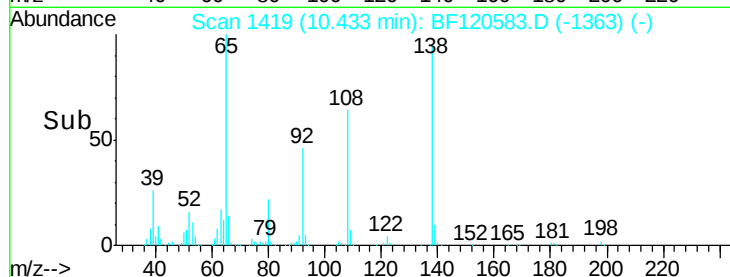
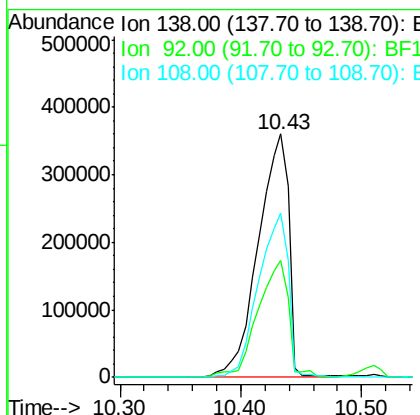
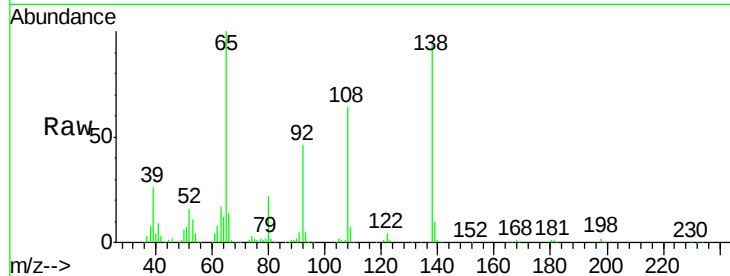
#62
4-Nitroaniline
Concen: 117.129 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.03 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.2	29.6	69.6
108	67.5	47.9	87.9

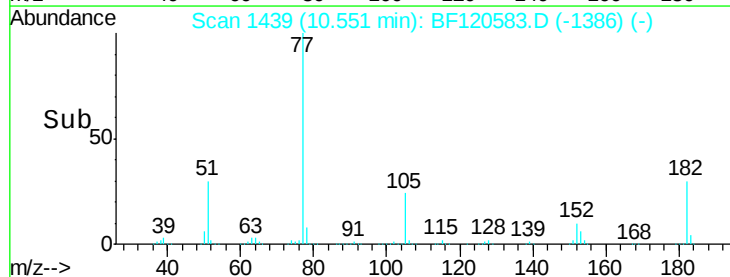
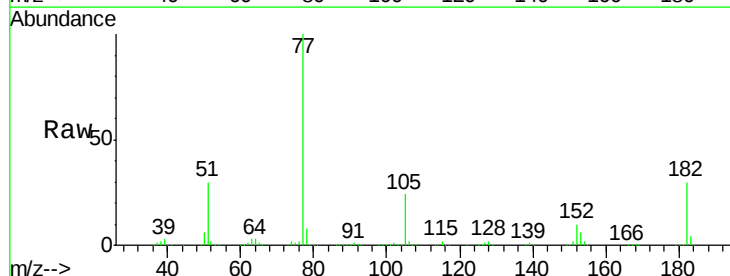
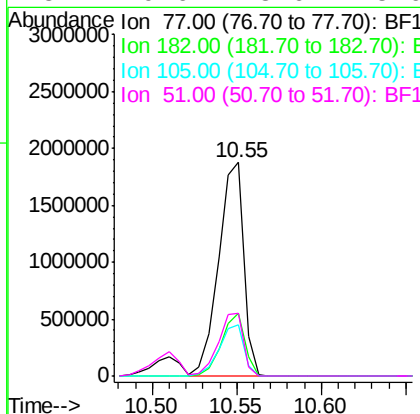
Manual Integrations
APPROVED

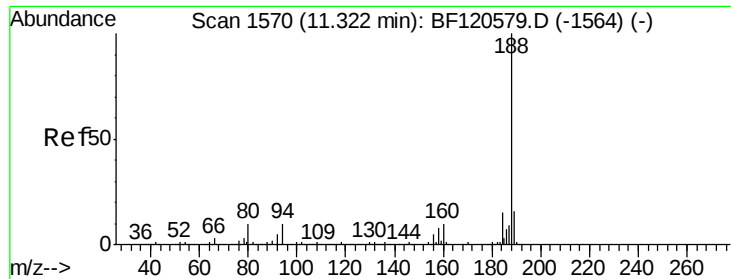
mohammad
6/10/2020 11:51:02 AM



#63
Azobenzene
Concen: 92.174 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.5	7.5	47.5
105	24.0	3.3	43.3
51	29.6	8.6	48.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

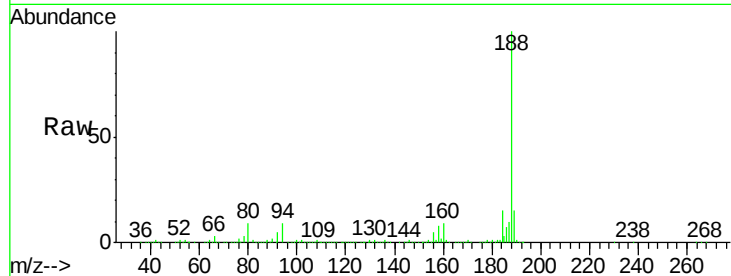
ClientSampleId :

SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
188	100	766112		
94	9.4	7.7	11.5	
80	9.4	8.1	12.1	

Manual Integrations
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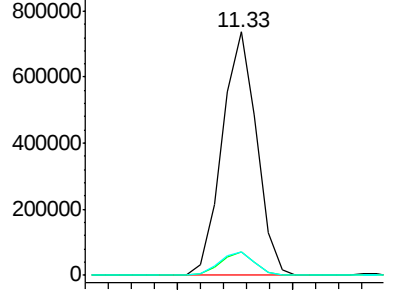
mohammad
6/10/2020 11:51:02 AM



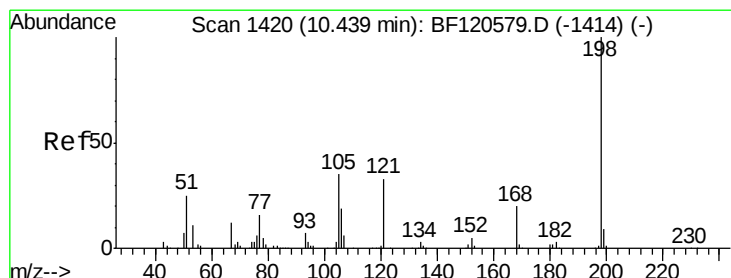
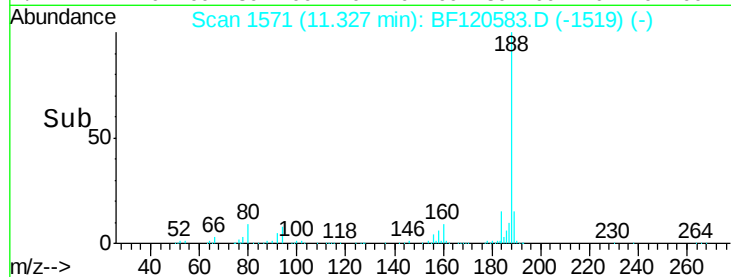
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 149.225 ng

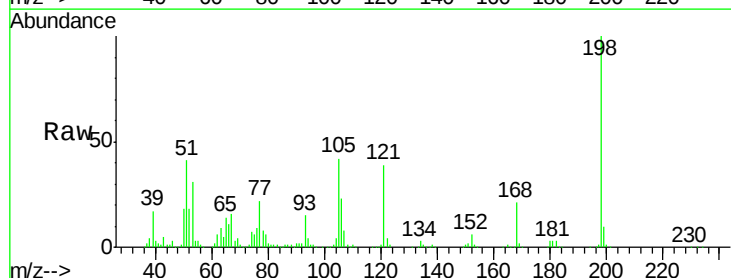
RT: 10.46 min Scan# 1423

Delta R.T. 0.02 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

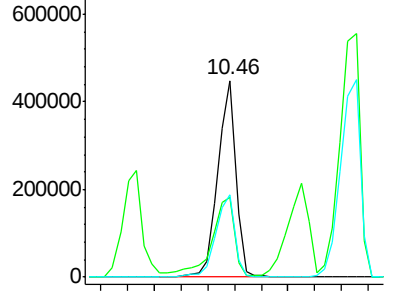
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	416987		
51	40.7	12.3	52.3	
105	42.2	15.8	55.8	



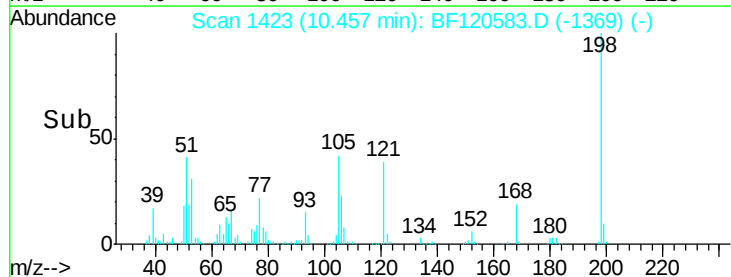
Abundance Ion 198.00 (197.70 to 198.70): E

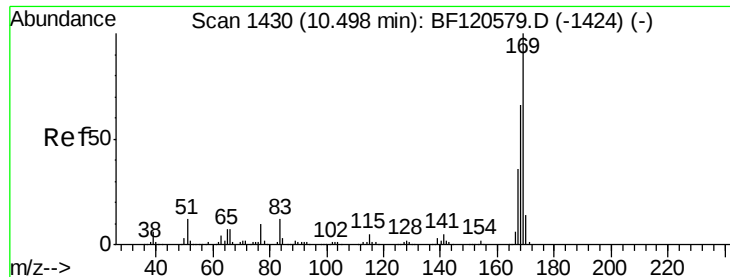
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->





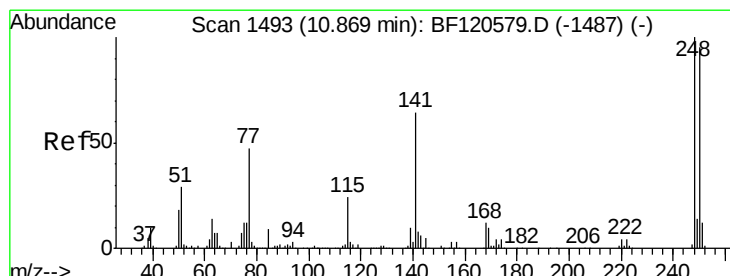
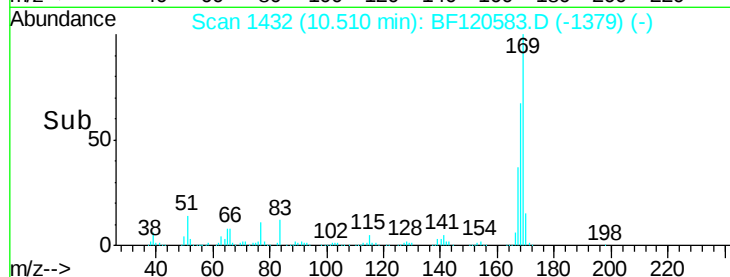
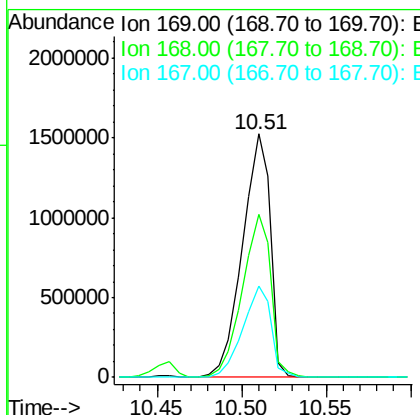
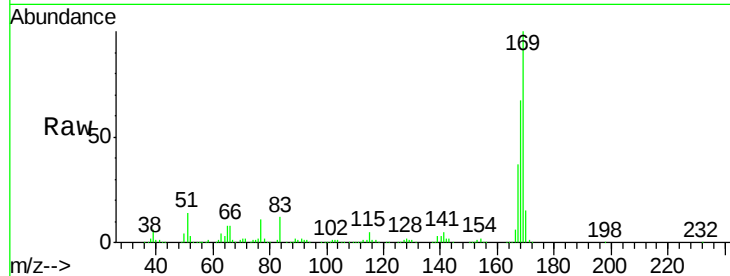
#66
 n-Nitrosodiphenylamine
 Concen: 82.551 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion:169 Resp: 1756781
 Ion Ratio Lower Upper
 169 100
 168 67.1 52.9 79.3
 167 37.3 29.2 43.8

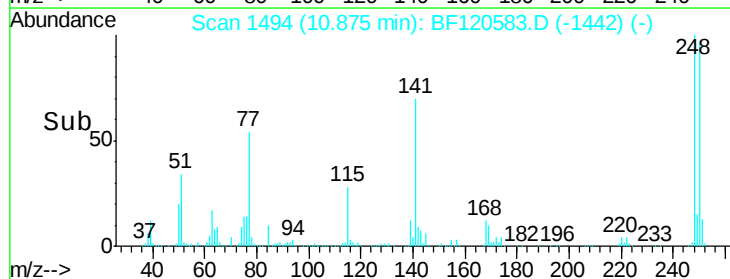
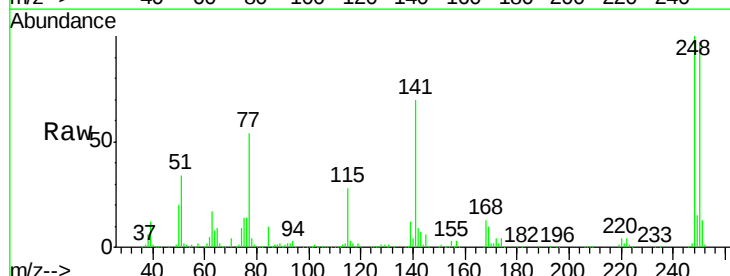
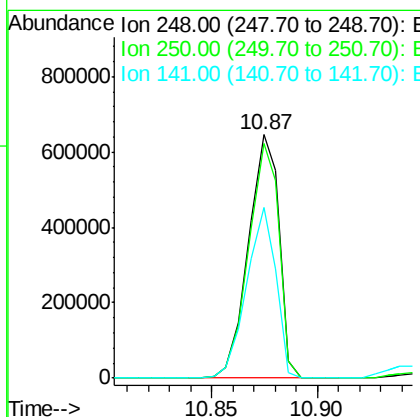
Manual Integrations
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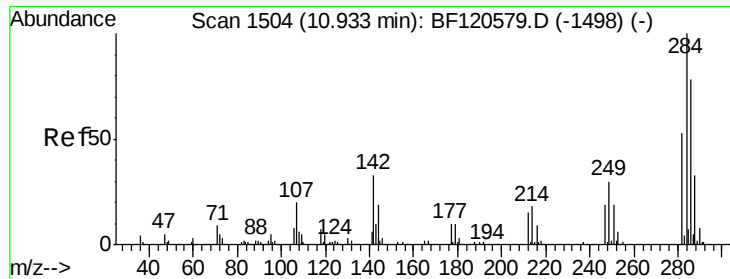
mohammad
 6/10/2020 11:51:02 AM



#67
 4-Bromophenyl-phenylether
 Concen: 83.970 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion:248 Resp: 649366
 Ion Ratio Lower Upper
 248 100
 250 96.5 75.8 113.8
 141 70.0 51.3 76.9





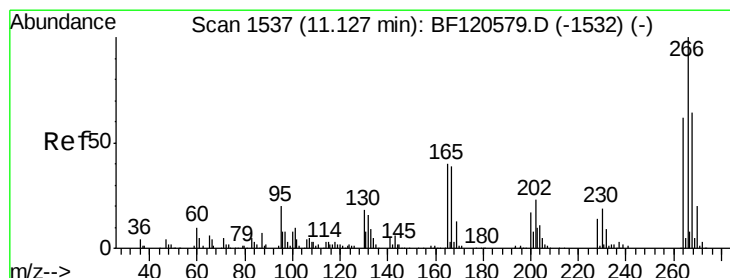
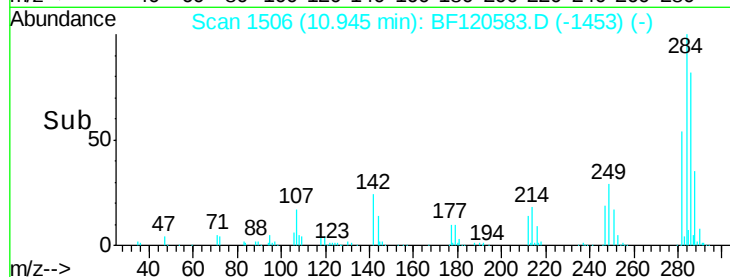
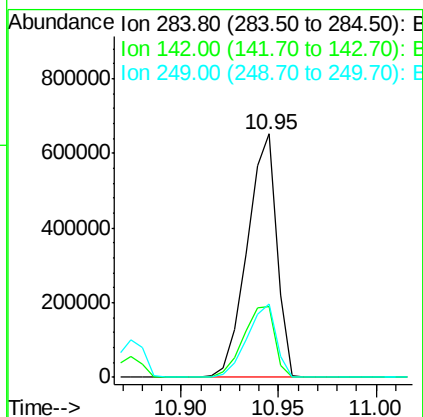
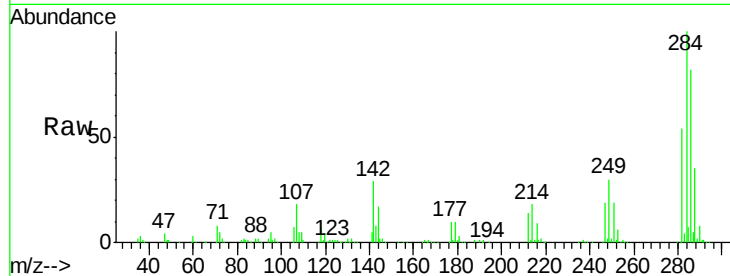
#68
Hexachlorobenzene
Concen: 82.848 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
284	100	682297		
142	29.0		26.5	39.7
249	30.2		24.1	36.1

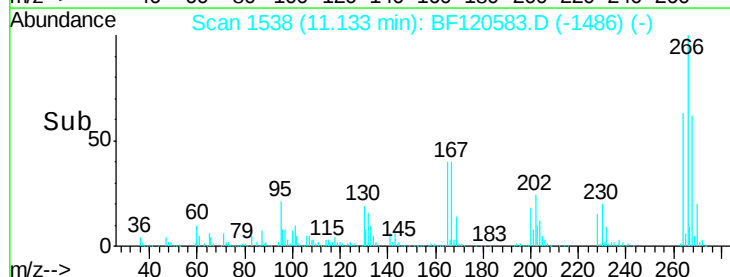
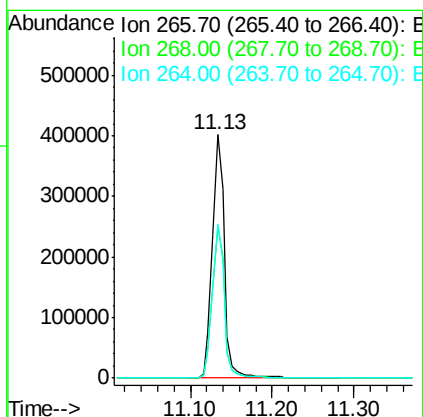
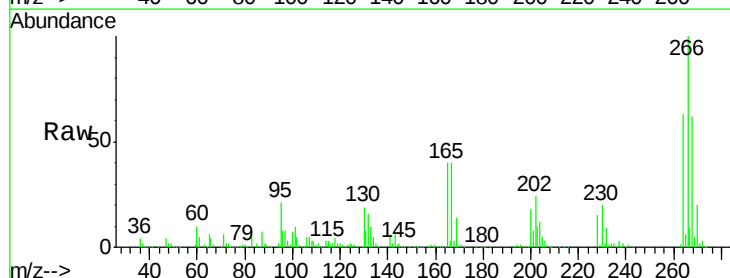
Manual Integrations
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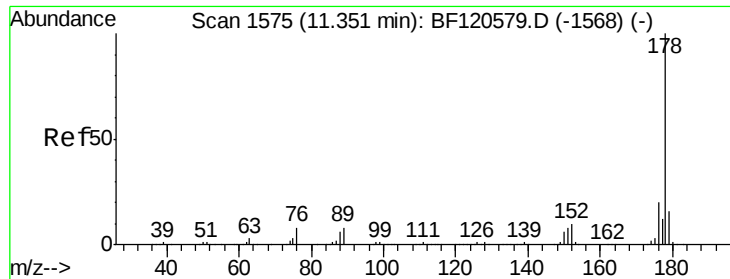
mohammad
6/10/2020 11:51:02 AM



#70
Pentachlorophenol
Concen: 82.897 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	417408		
268	62.4		51.3	76.9
264	63.0		49.4	74.2





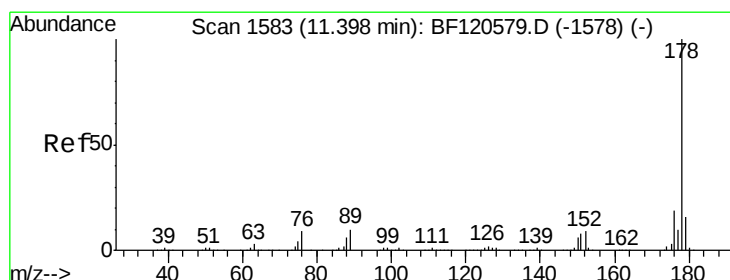
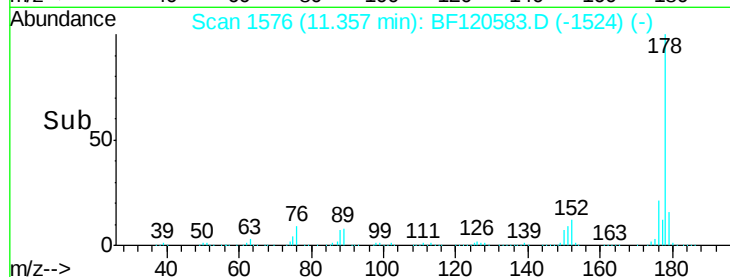
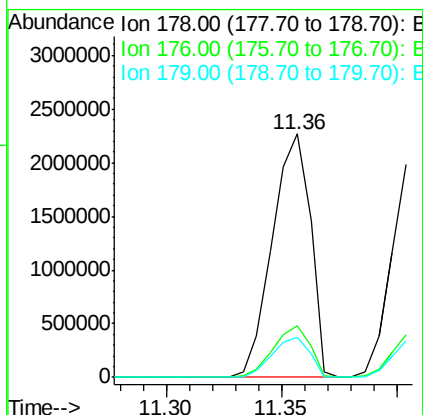
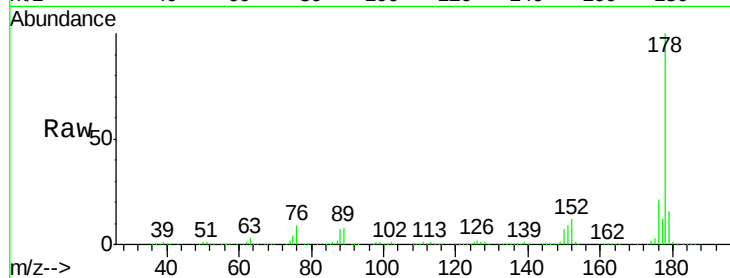
#71
Phenanthrene
Concen: 77.071 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion:178 Resp: 2601703
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 16.4 12.6 18.8

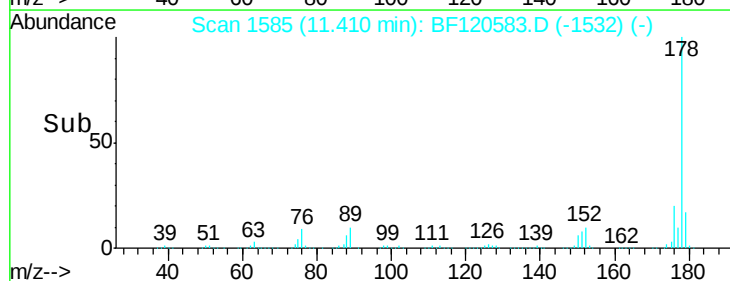
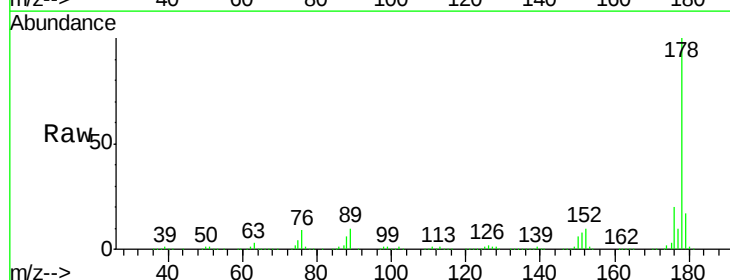
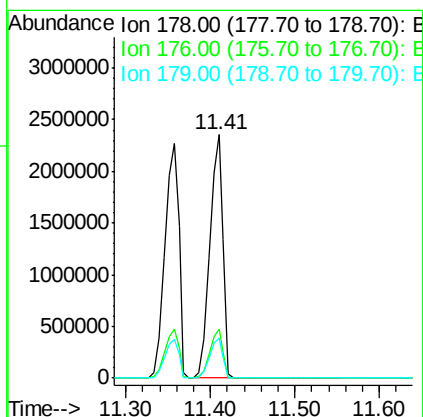
Manual Integrations
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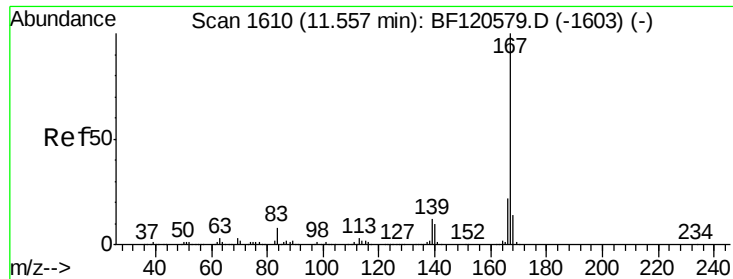
mohammad
6/10/2020 11:51:02 AM



#72
Anthracene
Concen: 76.565 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion:178 Resp: 2593262
Ion Ratio Lower Upper
178 100
176 20.4 15.3 22.9
179 16.6 12.7 19.1





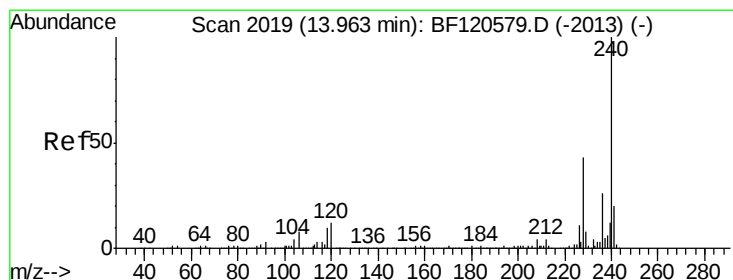
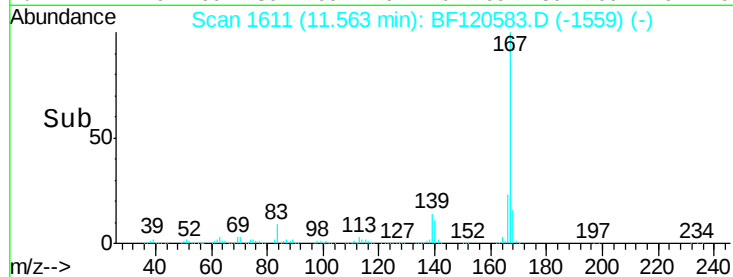
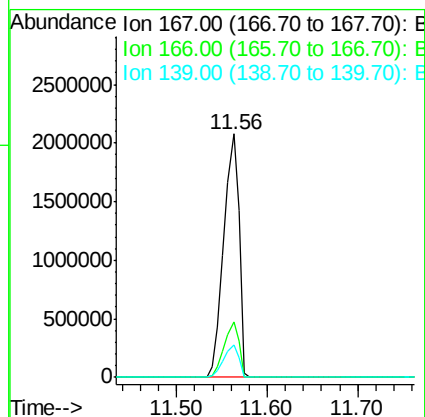
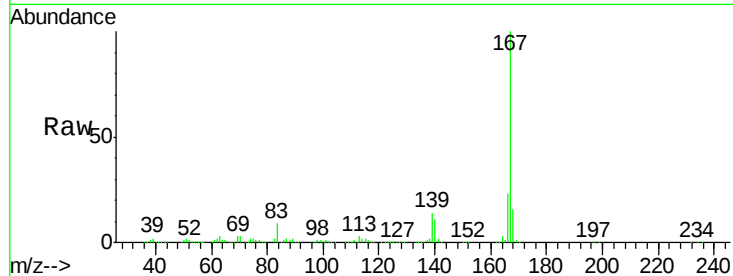
#73
 Carbazole
 Concen: 73.379 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	17.8	26.8	
139	13.6	10.0	15.0	

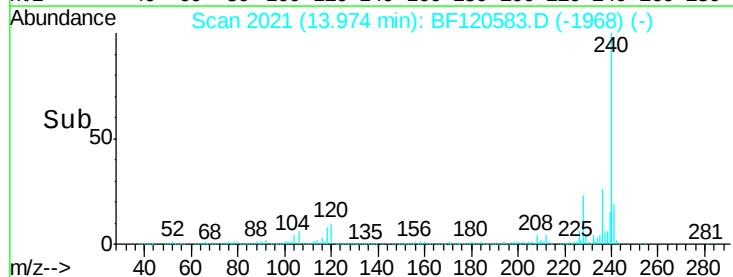
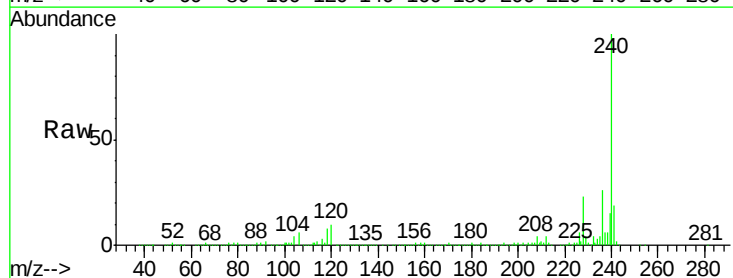
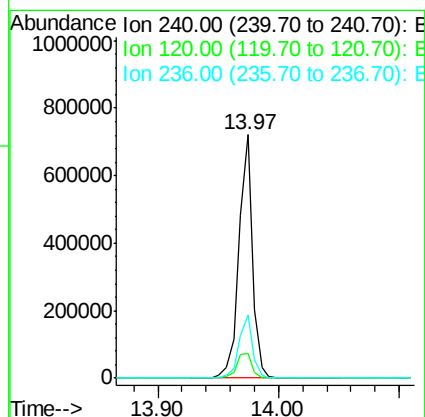
Manual Integrations
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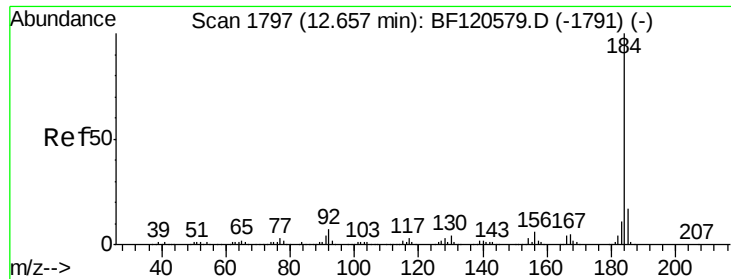
mohammad
 6/10/2020 11:51:02 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion	Ion	Ratio	Lower	Upper
240	100			
120	10.1	9.3	13.9	
236	26.0	20.8	31.2	





#77

Benzidine

Concen: 60.834 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

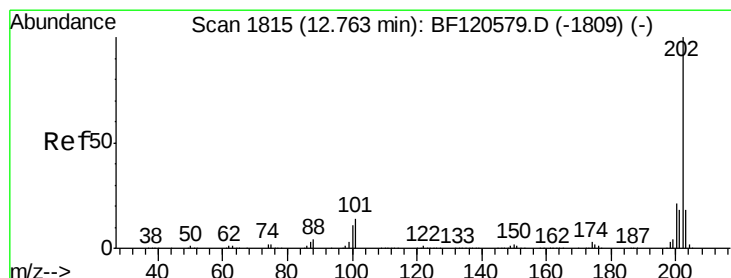
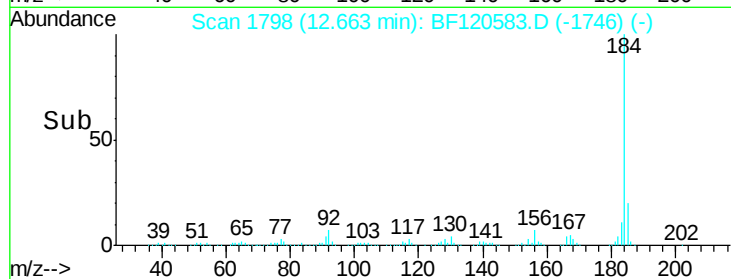
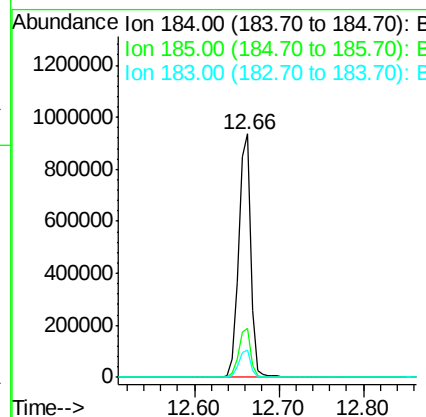
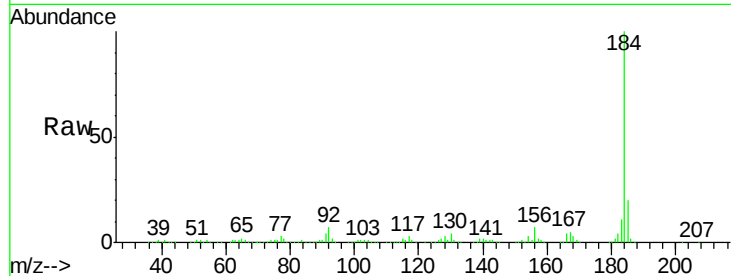
ClientSampleId :

SSTDICC100

Tot Ion:	184	Resp:	904461
Ion Ratio	Lower	Upper	
184	100		
185	20.2	13.2	19.8#
183	11.2	9.0	13.6

Manual Integrations
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#78

Pyrene

Concen: 75.027 ng

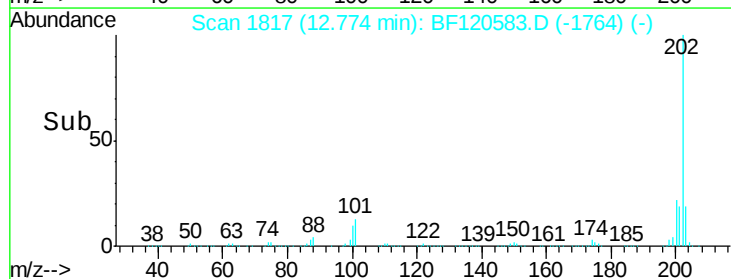
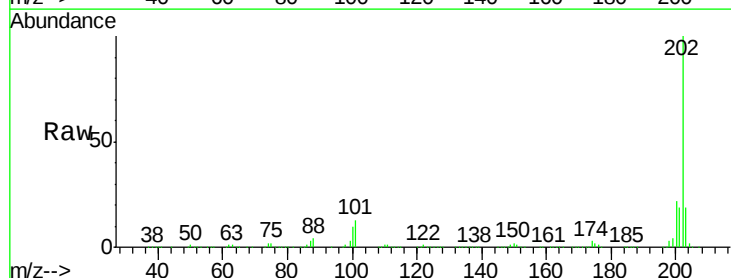
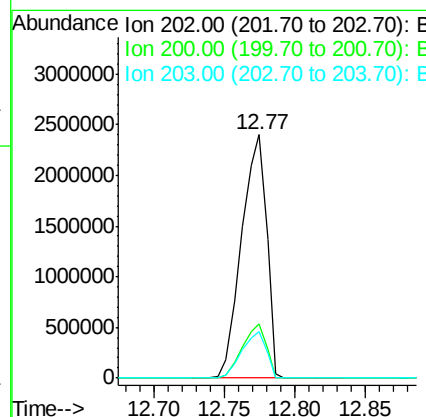
RT: 12.77 min Scan# 1817

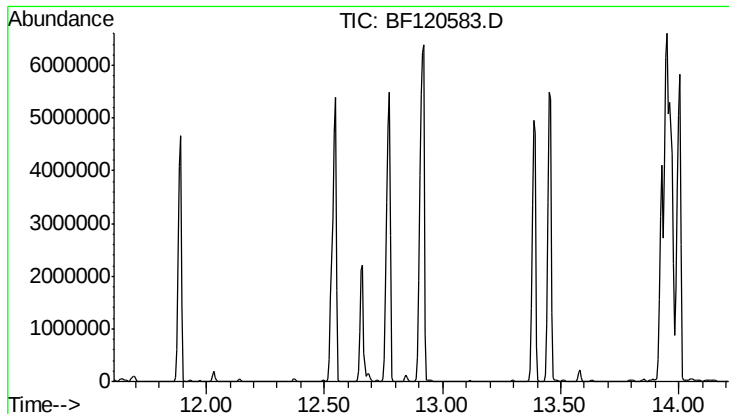
Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Tgt Ion:	202	Resp:	2952475
Ion Ratio	Lower	Upper	
202	100		
200	22.2	16.5	24.7
203	18.9	14.6	22.0





#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.91 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Tot Ion: 244

Sig Exp Ratio

244 100

212 6.9

122 10.6

Instrument :

BNA_F

ClientSampleId :

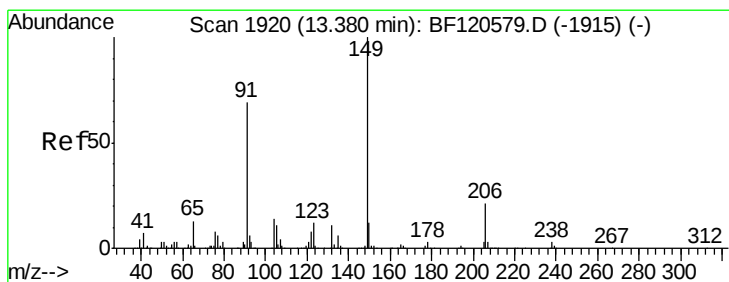
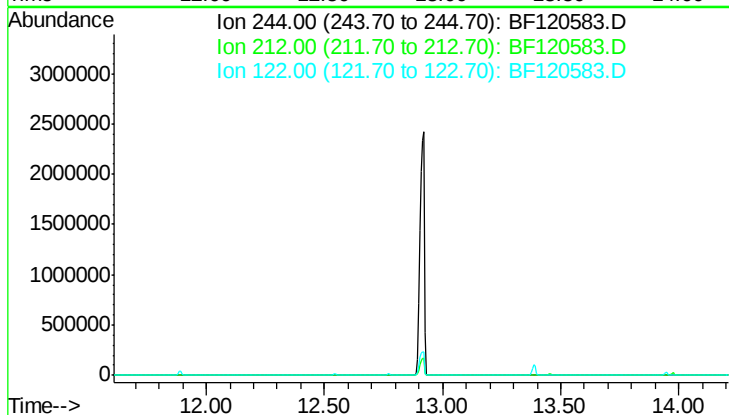
SSTDICC100

Manual Integrations

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#80

Butylbenzylphthalate

Concen: 85.004 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

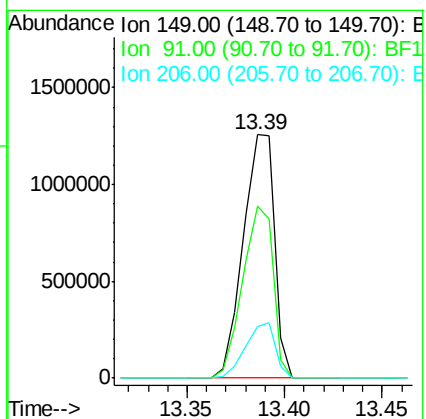
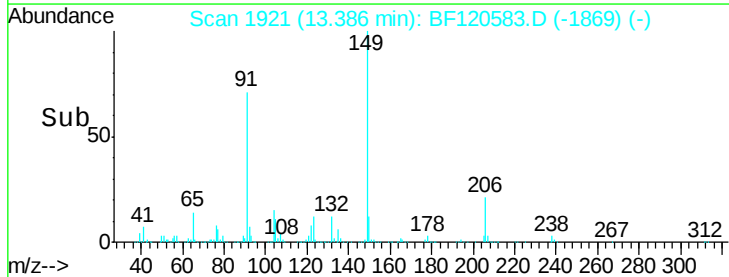
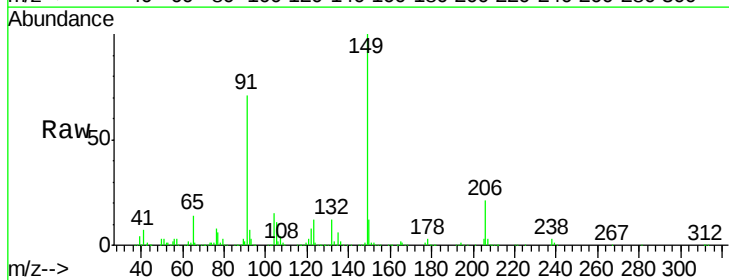
Tgt Ion:149 Resp: 1396485

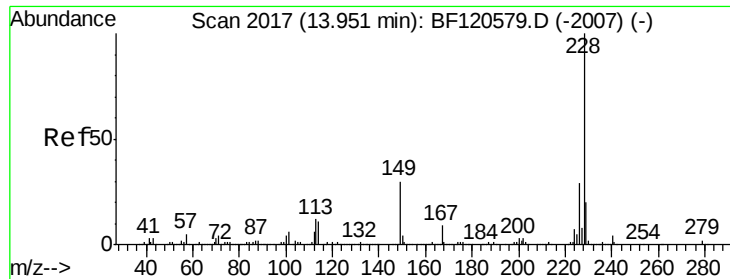
Ion Ratio Lower Upper

149 100

91 70.6 55.4 83.2

206 21.3 16.5 24.7





#81

Benzo(a)anthracene

Concen: 82.800 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC100

Tot Ion:228 Resp: 2511046

Ion Ratio Lower Upper

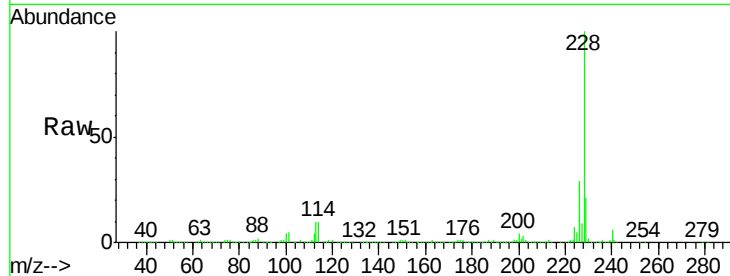
228 100

226 28.9 23.0 34.4

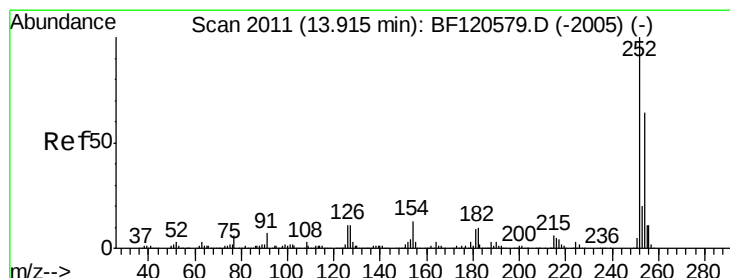
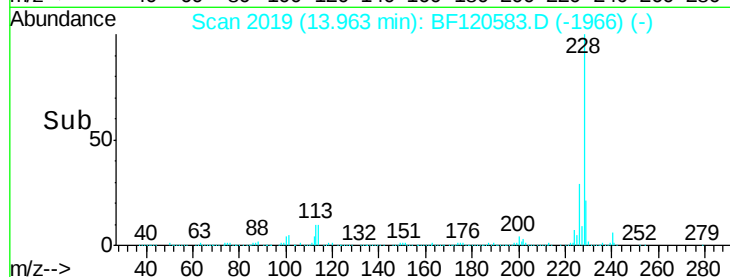
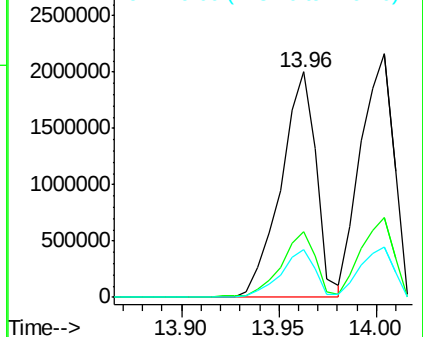
229 20.9 16.2 24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 79.182 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120583.D

Acq: 9 Jun 2020 16:56

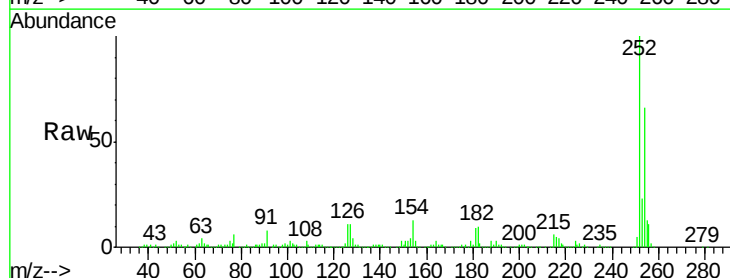
Tgt Ion:252 Resp: 871802

Ion Ratio Lower Upper

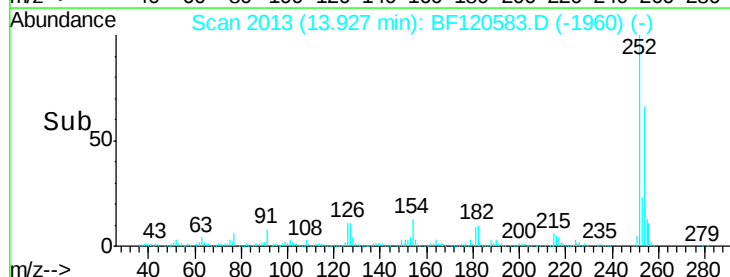
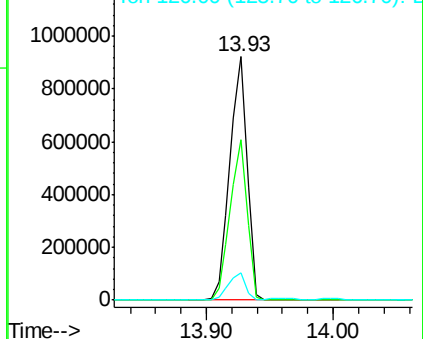
252 100

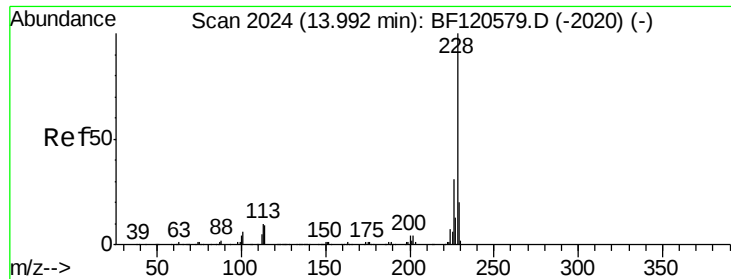
254 65.7 51.1 76.7

126 11.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





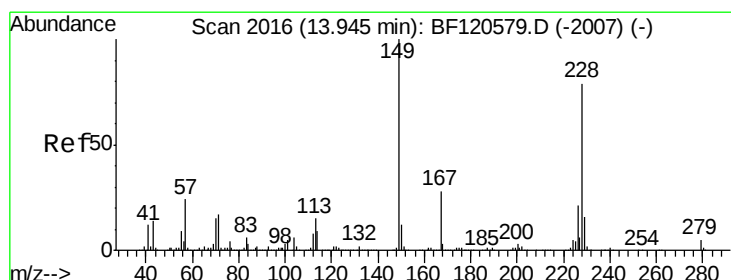
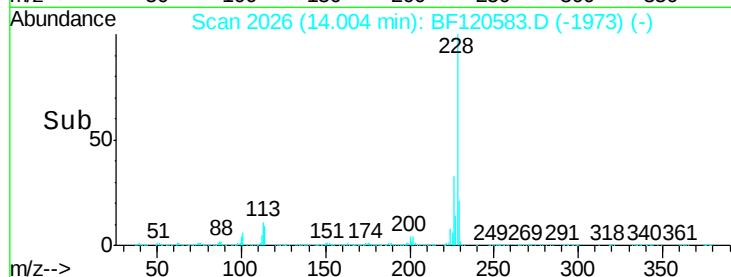
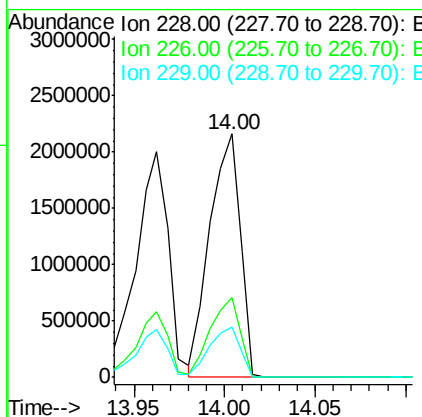
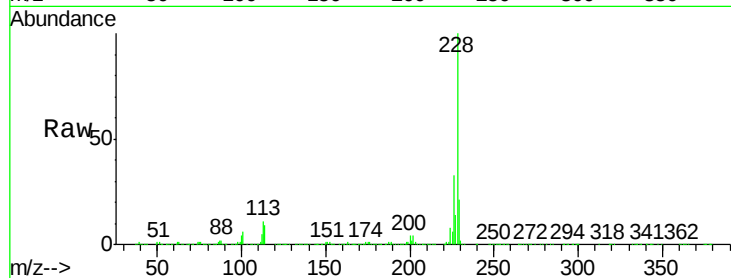
#83
 Chrvsene
 Concen: 79.936 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC100

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.0	37.6
229	20.9	16.2	24.2

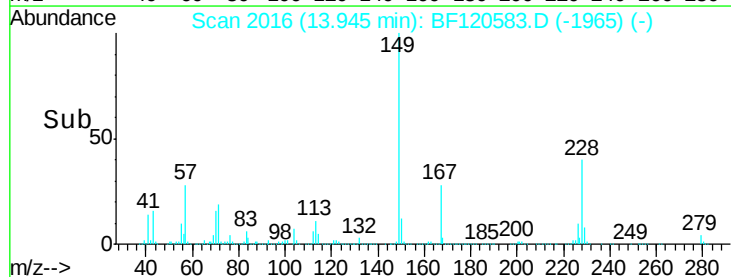
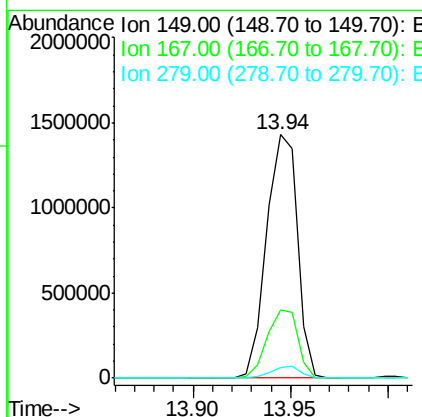
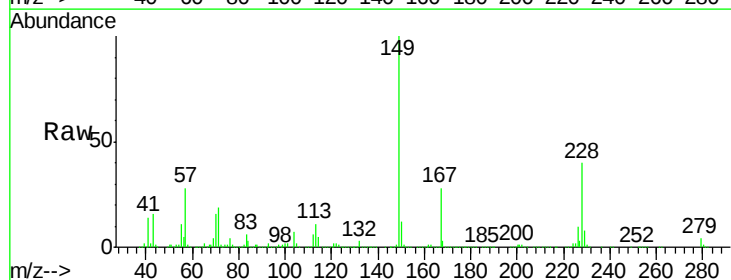
Manual Integrations
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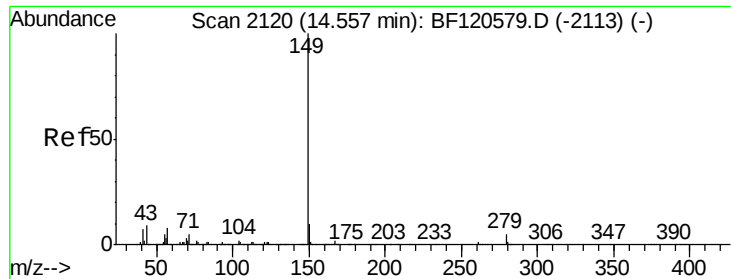
mohammad
 6/10/2020 11:51:02 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 81.401 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF120583.D
 Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.3	3.6	5.4





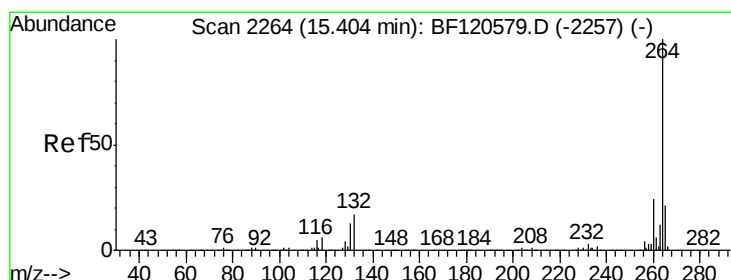
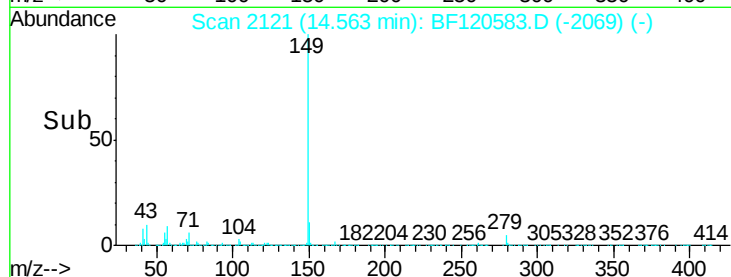
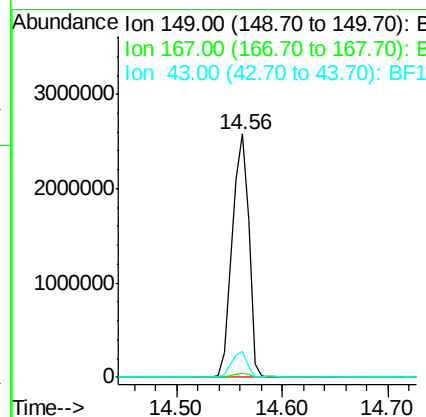
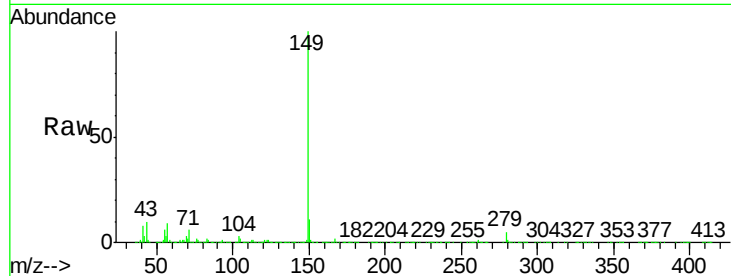
#85
Di-n-octyl phthalate
Concen: 83.487 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.2	7.6	11.4

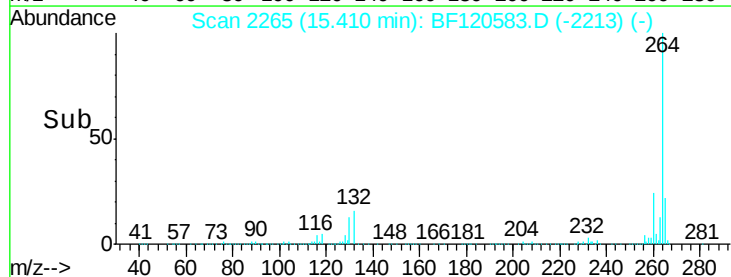
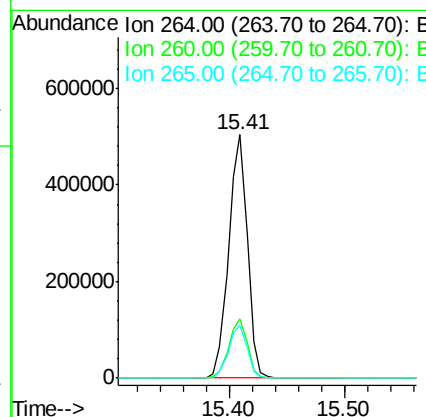
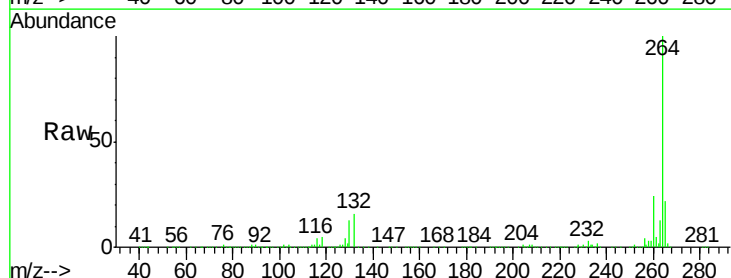
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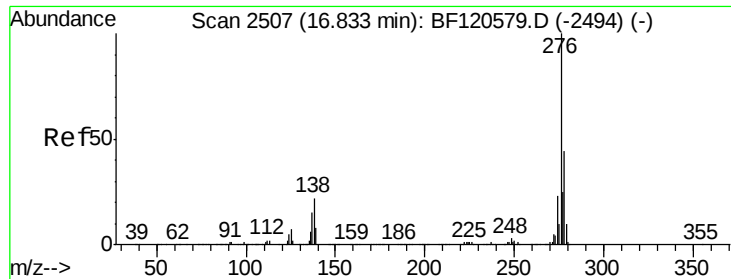
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.9	17.1	25.7





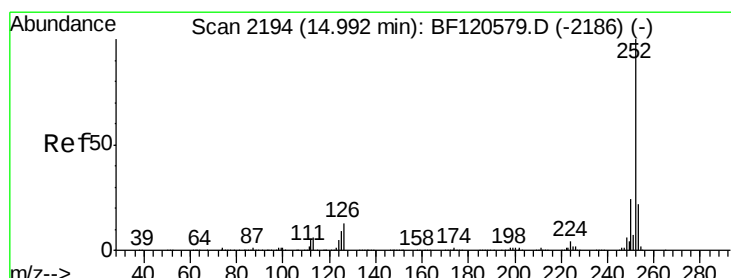
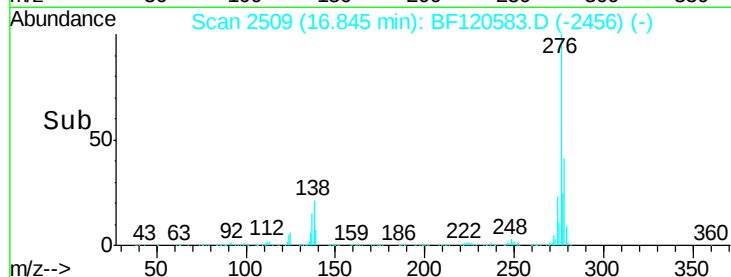
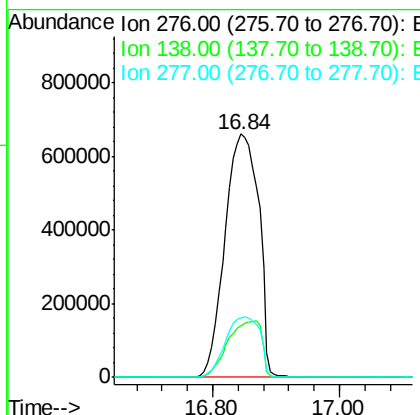
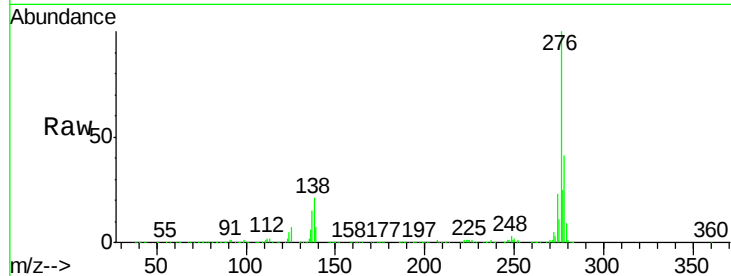
#87
Indeno(1,2,3-cd)pyrene
Concen: 78.951 ng
RT: 16.84 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDIC100

Tot Ion:276 Resp: 2434040
Ion Ratio Lower Upper
276 100
138 0.0 19.4 29.0#
277 25.6 20.3 30.5

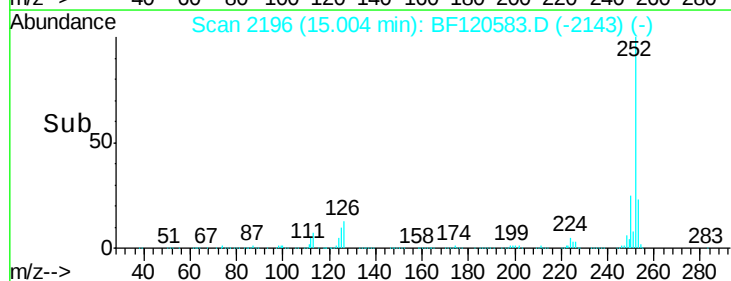
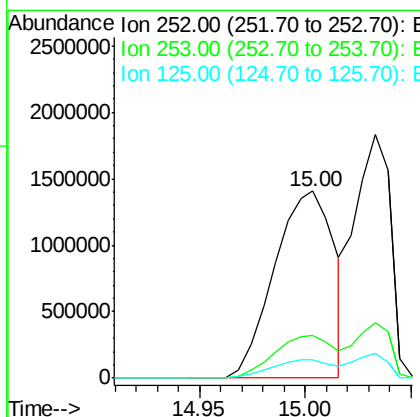
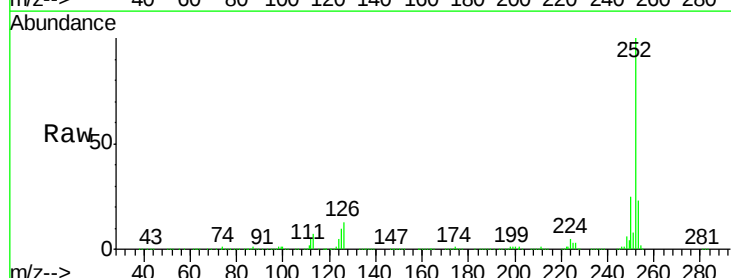
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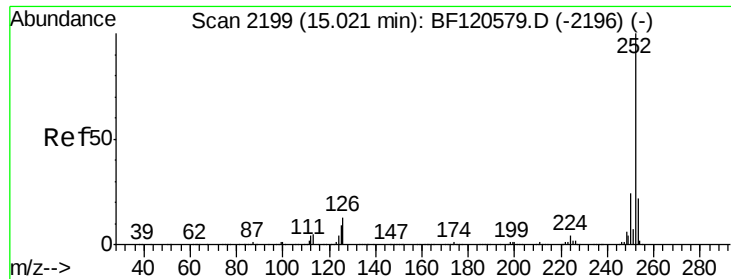
mohammad
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#88
Benzo(b)fluoranthene
Concen: 87.988 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion:252 Resp: 2754753
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.9 7.6 11.4





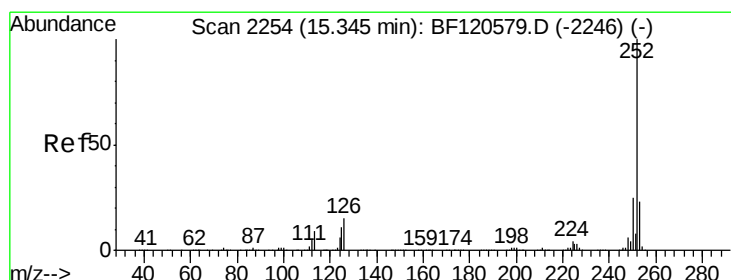
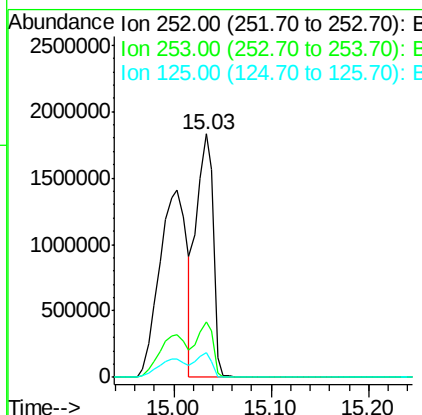
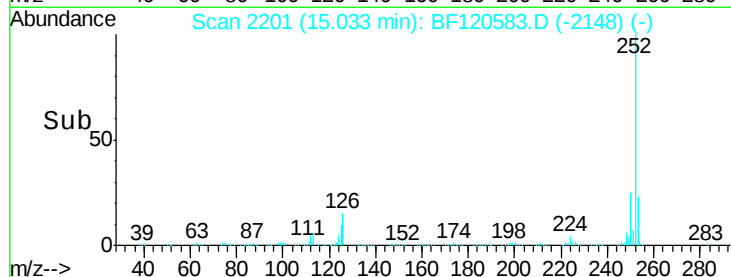
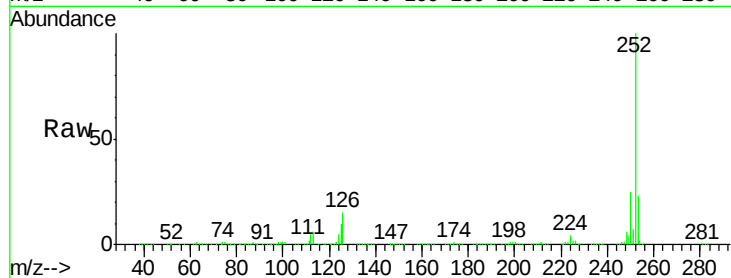
#89
Benzo(k)fluoranthene
Concen: 74.582 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	10.0	7.6	11.4

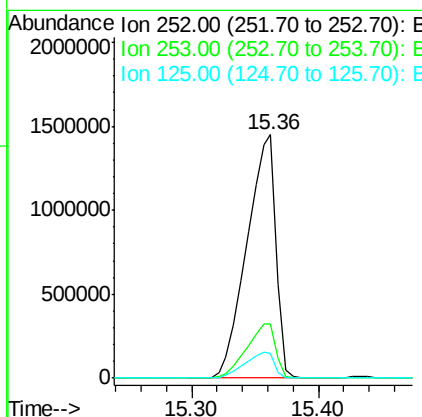
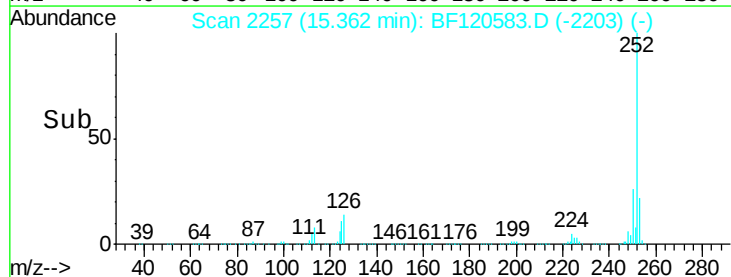
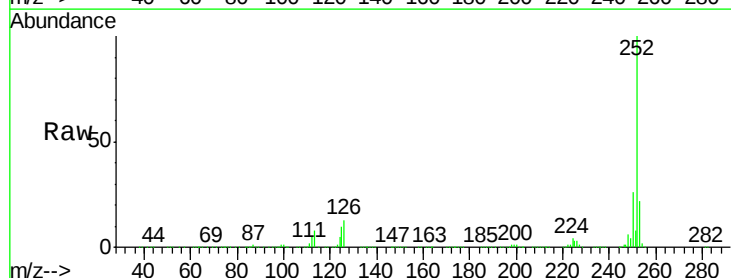
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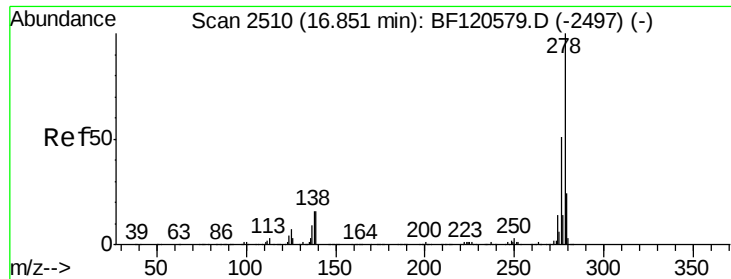
mohammad
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#90
Benzo(a)pyrene
Concen: 84.545 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.2	9.0	13.6





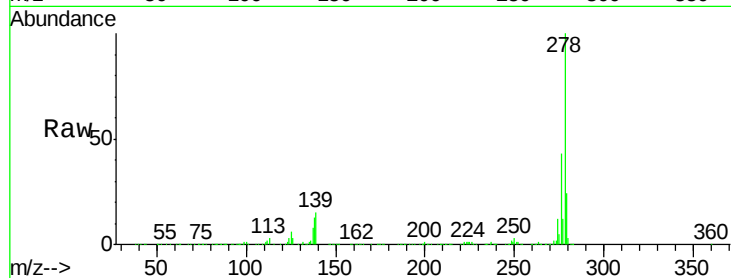
#91
Dibenzo(a,h)anthracene
Concen: 77.187 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

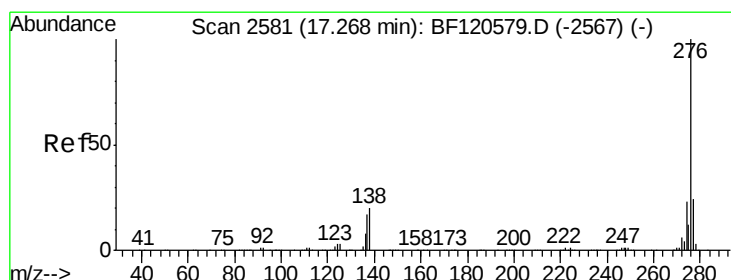
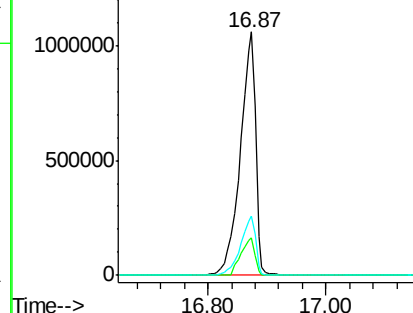
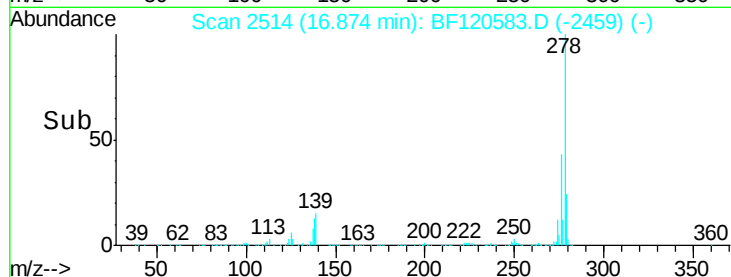
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.0	19.6
279	24.2	19.4	29.2

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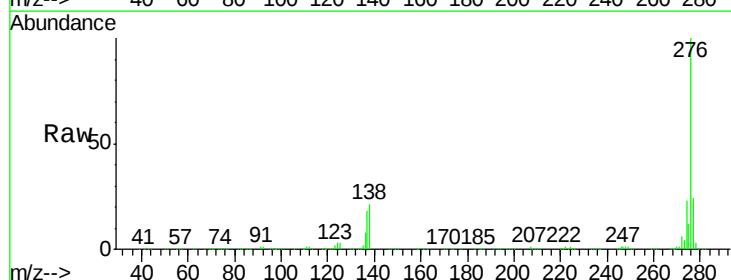


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 78.325 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.02 min
Lab File: BF120583.D
Acq: 9 Jun 2020 16:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	20.6	16.3	24.5



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

